

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115179.D
 Acq On : 25 Jun 2019 10:17
 Operator : HP/JU
 Sample : PB120877BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Quant Time: Jun 26 05:41:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273607	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1098680	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	553589	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1083224	20.00	ng	0.00
76) Chrysene-d12	13.74	240	735544	20.00	ng	-0.01
87) Perylene-d12	15.10	264	794813	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2013241	113.55	ng	0.02
7) Phenol-d6	6.26	99	2467491	114.66	ng	0.00
23) Nitrobenzene-d5	7.18	82	1533760	85.88	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	723432	123.92	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2866299	87.95	ng	0.00
79) Terphenyl-d14	12.70	244	3015000	87.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	314351	37.567	ng	98
3) Pyridine	2.94	79	851061	36.086	ng	98
4) n-Nitrosodimethylamine	2.88	42	348798	37.725	ng	97
6) Aniline	6.27	93	717584	24.262	ng	# 1
8) 2-Chlorophenol	6.40	128	846614	42.465	ng	99
9) Benzaldehyde	6.15	77	118678	8.453	ng	98
10) Phenol	6.27	94	964158	38.248	ng	92
11) bis(2-Chloroethyl)ether	6.36	93	755093	40.636	ng	99
12) 1,3-Dichlorobenzene	6.55	146	890258	40.236	ng	99
13) 1,4-Dichlorobenzene	6.63	146	896823	40.420	ng	99
14) 1,2-Dichlorobenzene	6.78	146	833429	40.562	ng	98
15) Benzyl Alcohol	6.76	79	588414	37.550	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1085964	40.294	ng	96
17) 2-Methylphenol	6.88	107	754911	45.874	ng	99
18) Hexachloroethane	7.13	117	326349	40.799	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	540040	39.197	ng	99
20) 3+4-Methylphenols	7.03	107	829610	43.660	ng	96
22) Acetophenone	7.02	105	1112057	44.213	ng	# 97
24) Nitrobenzene	7.20	77	858993	43.656	ng	99
25) Isophorone	7.44	82	1576360	43.085	ng	99
26) 2-Nitrophenol	7.51	139	477608	49.152	ng	99
27) 2,4-Dimethylphenol	7.56	122	802474	50.440	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	990464	42.831	ng	99
29) 2,4-Dichlorophenol	7.76	162	759857	46.280	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	795782	43.880	ng	100
31) Naphthalene	7.92	128	2359725	43.754	ng	100
32) Benzoic acid	7.70	122	650637	57.292	ng	98
33) 4-Chloroaniline	7.97	127	574451	23.306	ng	99
34) Hexachlorobutadiene	8.04	225	425410	42.805	ng	98
35) Caprolactam	8.34	113	157541	28.540	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	765949	46.065	ng	96
37) 2-Methylnaphthalene	8.61	142	1654228	45.492	ng	99
38) 1-Methylnaphthalene	8.71	142	1566764	45.113	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	693887	44.356	ng	100

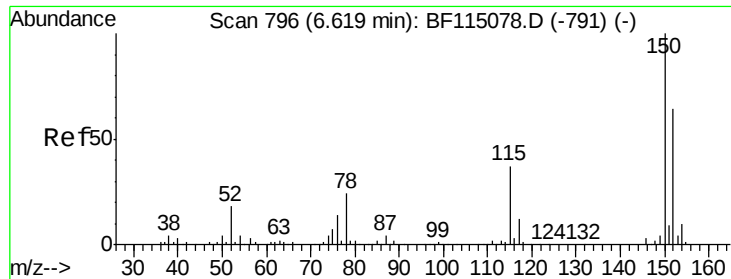
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	722428	77.881	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	545534	45.170	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	591557	47.563	ng	99
46) 1,1'-Biphenyl	9.07	154	1910346	43.128	ng	99
47) 2-Chloronaphthalene	9.10	162	1540323	42.870	ng	99
48) 2-Nitroaniline	9.18	65	466073	44.493	ng	99
49) Acenaphthylene	9.51	152	2371589	42.365	ng	99
50) Dimethylphthalate	9.38	163	1793229	44.029	ng	100
51) 2,6-Dinitrotoluene	9.43	165	430895	45.825	ng	99
52) Acenaphthene	9.68	154	1463339	41.774	ng	98
53) 3-Nitroaniline	9.60	138	312874	27.266	ng	98
54) 2,4-Dinitrophenol	9.71	184	486335	98.631	ng	94
55) Dibenzofuran	9.85	168	2100250	41.774	ng	98
56) 4-Nitrophenol	9.77	139	799592	86.919	ng	97
57) 2,4-Dinitrotoluene	9.84	165	577496	47.565	ng	97
58) Fluorene	10.19	166	1451551	43.083	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	512737	49.165	ng	96
60) Diethylphthalate	10.08	149	1749696	42.737	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	705810	44.258	ng	97
62) 4-Nitroaniline	10.21	138	484438	42.083	ng	97
63) Azobenzene	10.34	77	1618563	42.326	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	285562	49.386	ng	83
66) n-Nitrosodiphenylamine	10.31	169	1482743	43.936	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	507976	43.253	ng	94
68) Hexachlorobenzene	10.74	284	560409	43.961	ng	98
69) Atrazine	10.84	200	475004	43.755	ng	100
70) Pentachlorophenol	10.92	266	698321	85.987	ng	97
71) Phenanthrene	11.14	178	2345101	40.209	ng	99
72) Anthracene	11.20	178	2456884	41.732	ng	99
73) Carbazole	11.35	167	2235029	42.515	ng	99
74) Di-n-butylphthalate	11.70	149	2556877	42.089	ng	99
75) Fluoranthene	12.32	202	2489073	42.774	ng	99
77) Benzidine	12.44	184	864685	26.474	ng	99
78) Pyrene	12.54	202	2504478	44.306	ng	98
80) Butylbenzylphthalate	13.18	149	1179524	47.283	ng	98
81) Benzo(a)anthracene	13.72	228	2285204	43.299	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	742157	38.940	ng	98
83) Chrysene	13.77	228	2184102	45.177	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1509134	46.169	ng	# 97
85) Di-n-octyl phthalate	14.35	149	2589522	47.151	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2631896	46.006	ng	99
88) Benzo(b)fluoranthene	14.73	252	2594248	52.310	ng	99
89) Benzo(k)fluoranthene	14.75	252	2066328	46.460	ng	100
90) Benzo(a)pyrene	15.05	252	2318439	51.867	ng	99
91) Dibenzo(a,h)anthracene	16.40	278	2141798	51.325	ng	98
92) Benzo(g,h,i)perylene	16.77	276	2196615	52.008	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

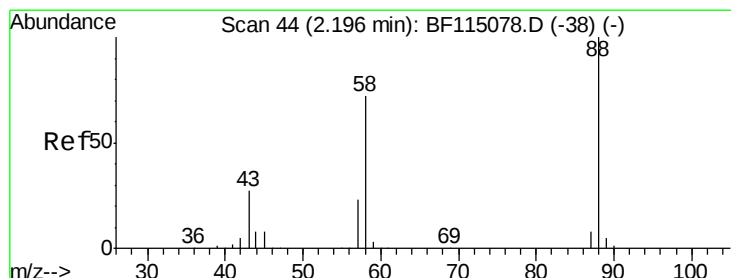
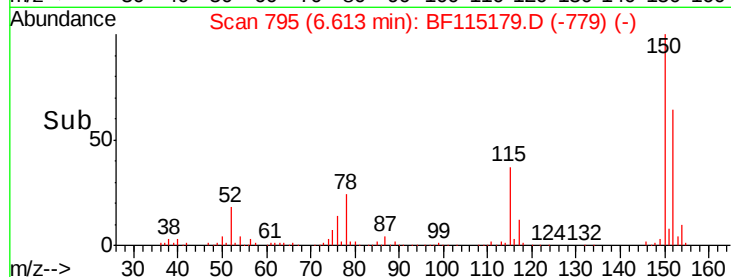
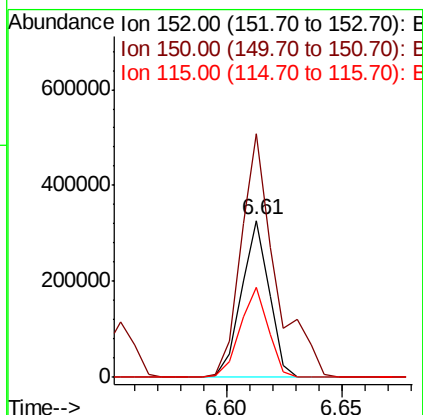
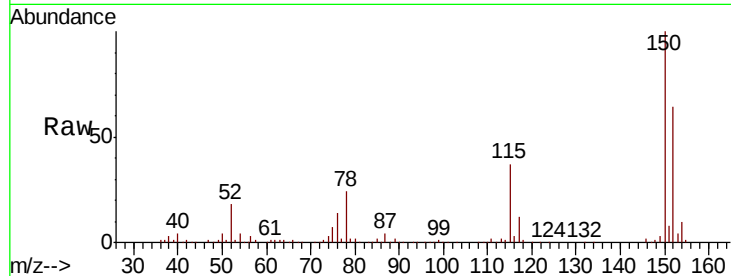


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

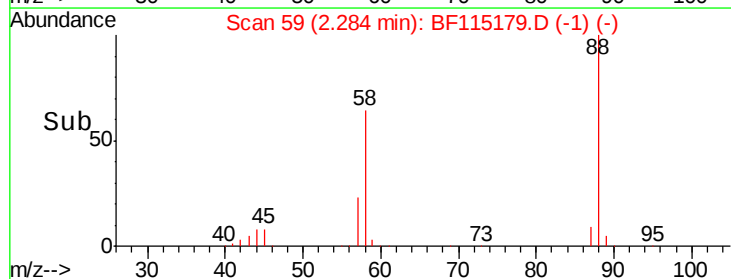
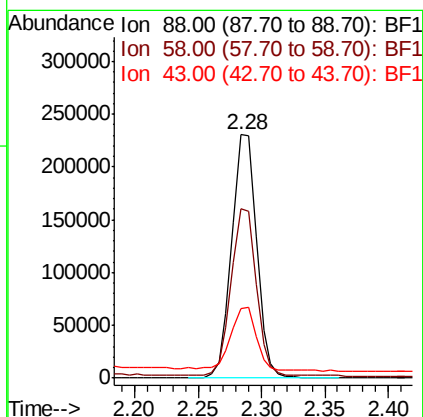
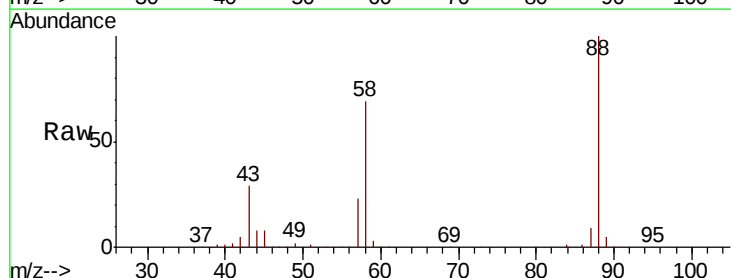
Tgt Ion: 152 Resp: 273607
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 57.4 46.1 69.1

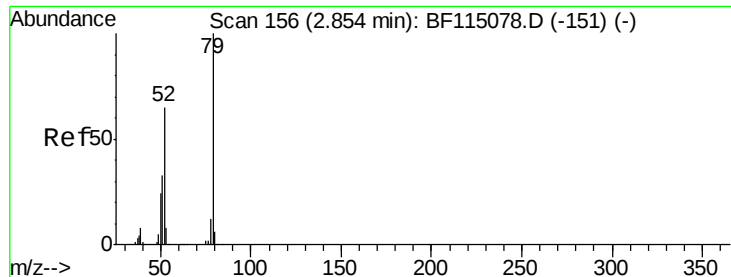


#2

1,4-Dioxane
Concen: 37.567 ng
RT: 2.28 min Scan# 59
Delta R.T. 0.09 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion: 88 Resp: 314351
Ion Ratio Lower Upper
88 100
58 68.7 56.1 84.1
43 28.6 21.3 31.9





#3

Pyridine

Concen: 36.086 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

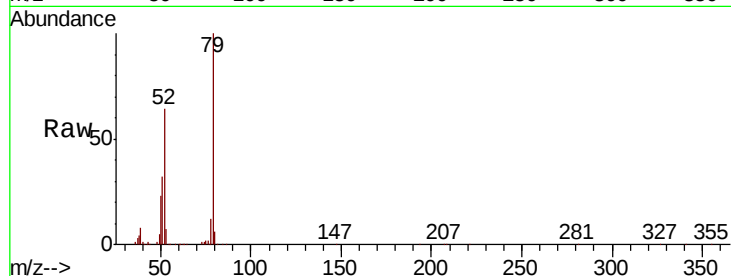
Tgt Ion: 79 Resp: 851061

Ion Ratio Lower Upper

79 100

52 63.6 52.3 78.5

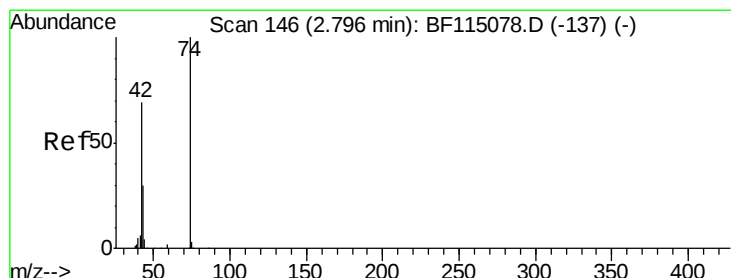
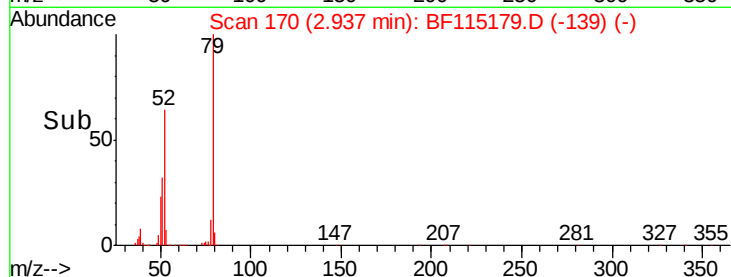
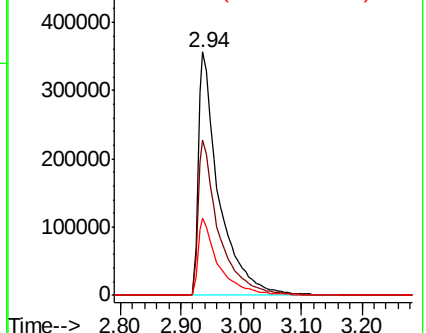
51 31.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.725 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.09 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

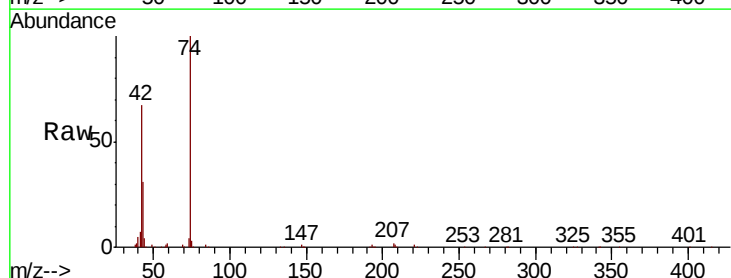
Tgt Ion: 42 Resp: 348798

Ion Ratio Lower Upper

42 100

74 149.2 116.6 175.0

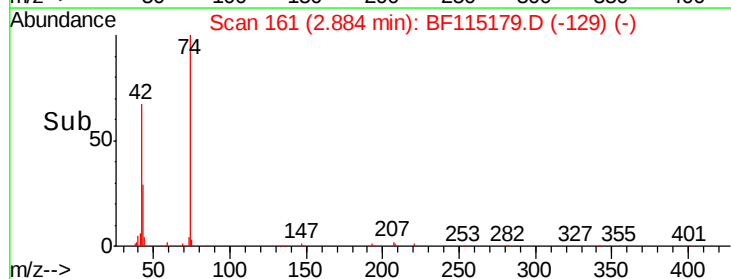
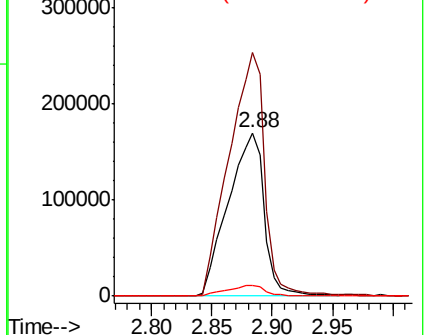
44 6.5 5.3 7.9

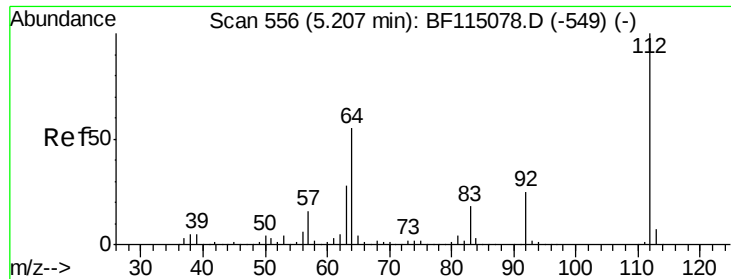


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.549 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

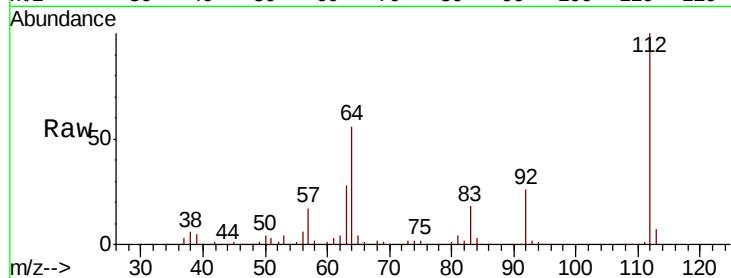
Tgt Ion: 112 Resp: 2013241

Ion Ratio Lower Upper

112 100

64 55.5 43.8 65.6

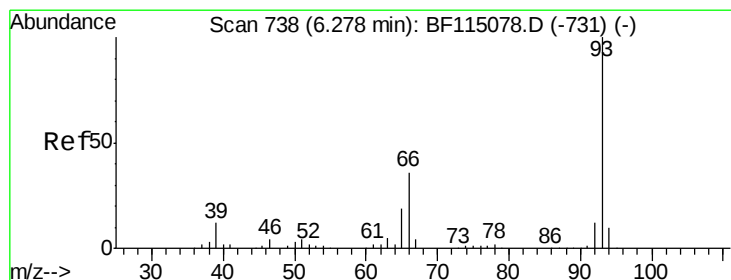
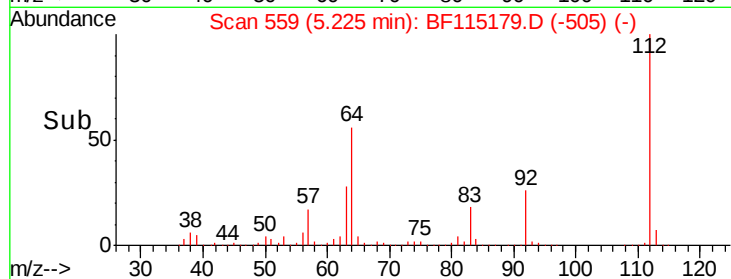
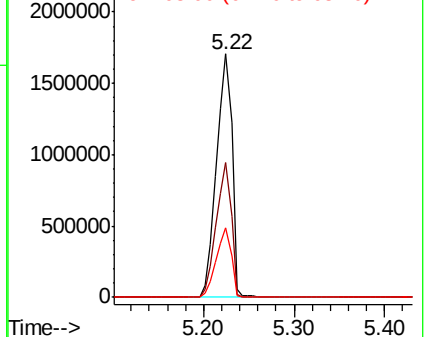
63 28.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.262 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

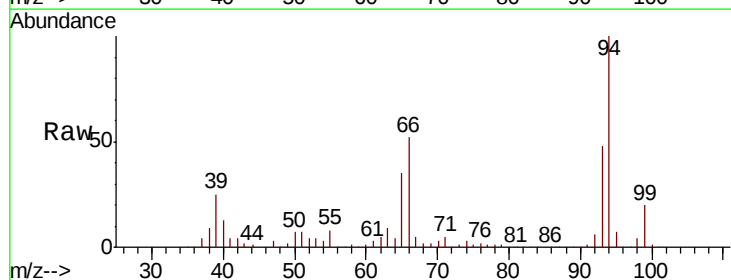
Tgt Ion: 93 Resp: 717584

Ion Ratio Lower Upper

93 100

66 106.9 30.0 45.0#

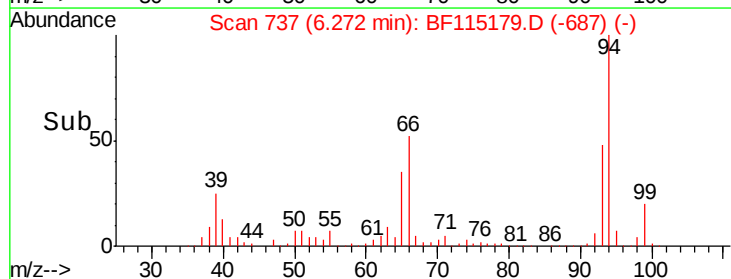
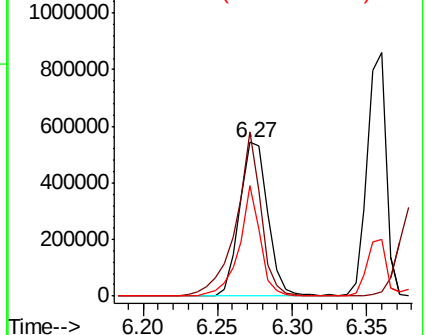
65 71.8 15.6 23.4#

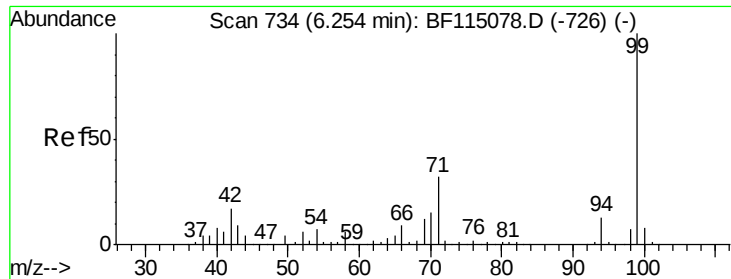


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.660 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

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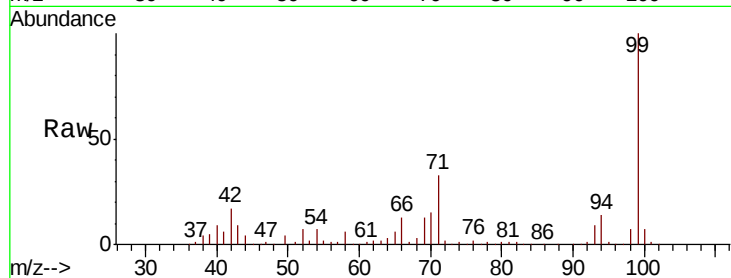
Tgt Ion: 99 Resp: 2467491

Ion Ratio Lower Upper

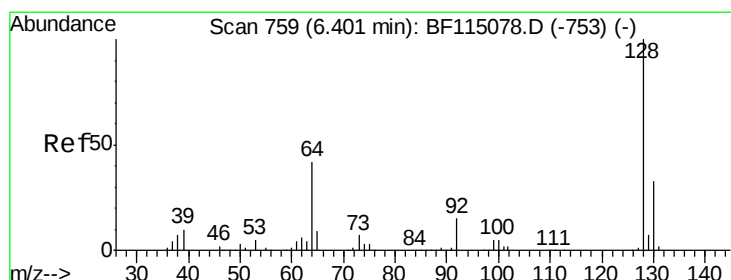
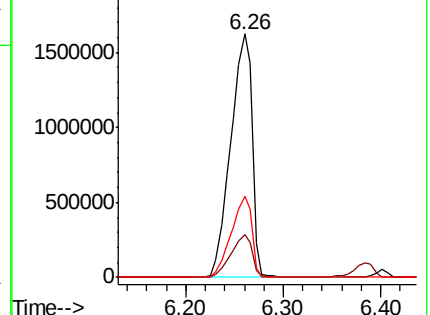
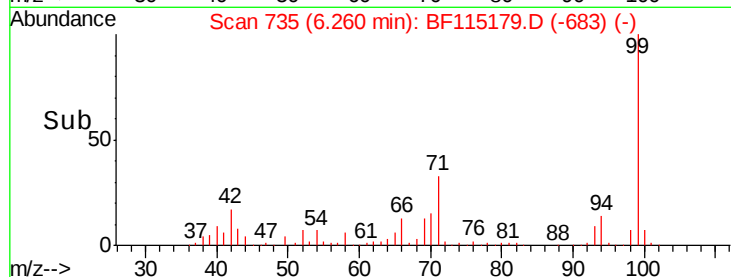
99 100

42 17.5 13.6 20.4

71 33.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.465 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

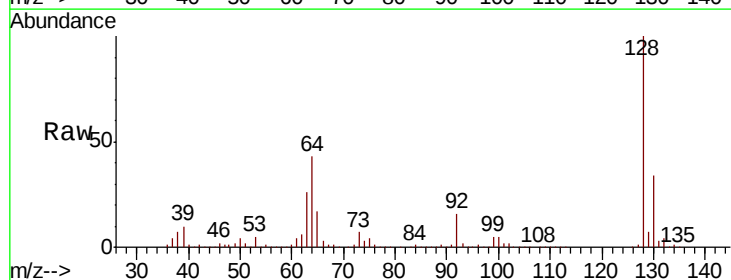
Tgt Ion: 128 Resp: 846614

Ion Ratio Lower Upper

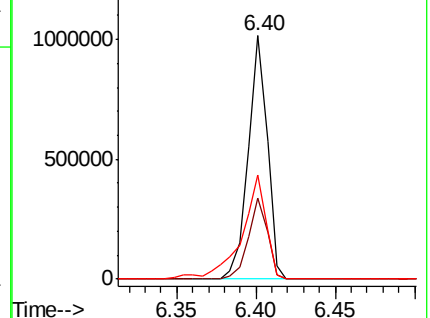
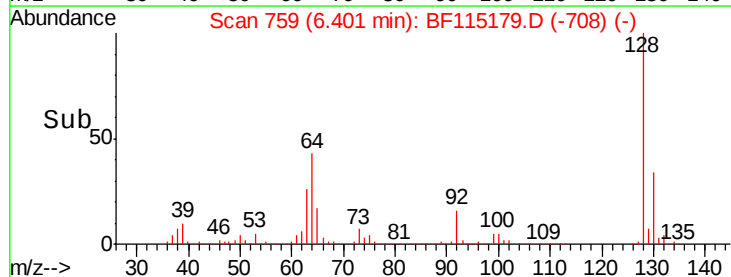
128 100

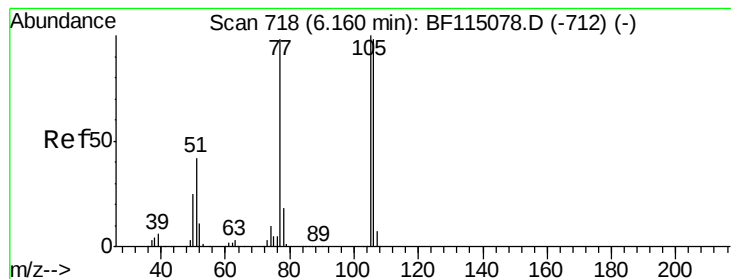
130 33.5 12.9 52.9

64 42.7 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.453 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

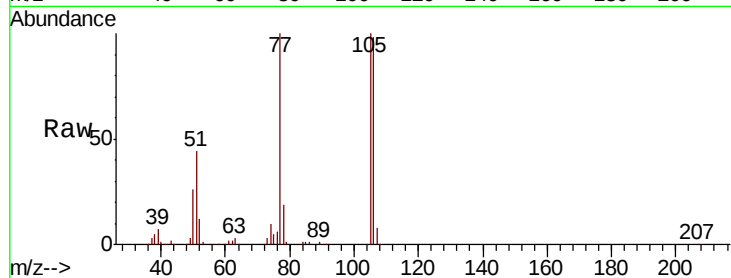
Tgt Ion: 77 Resp: 118678

Ion Ratio Lower Upper

77 100

105 99.9 81.5 121.5

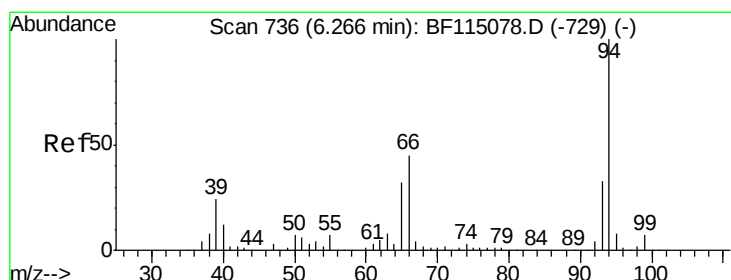
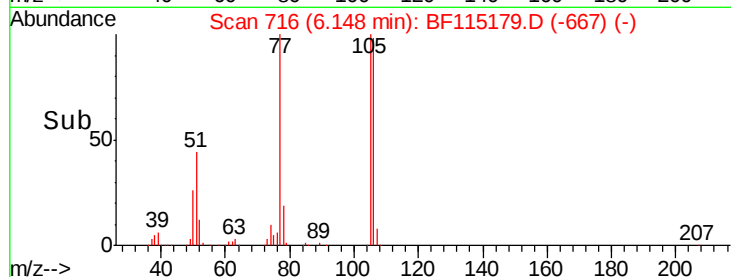
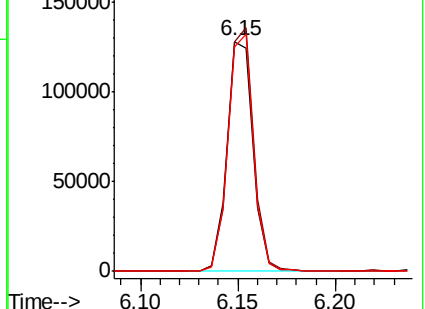
106 97.6 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.248 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

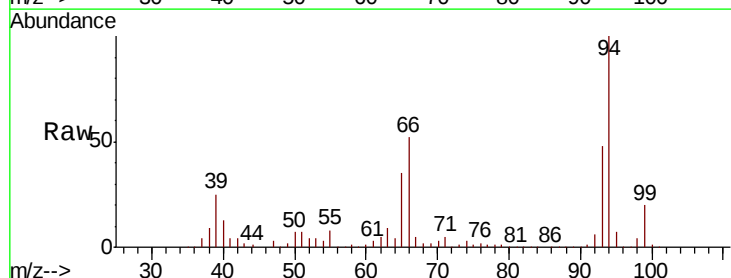
Tgt Ion: 94 Resp: 964158

Ion Ratio Lower Upper

94 100

65 34.6 11.9 51.9

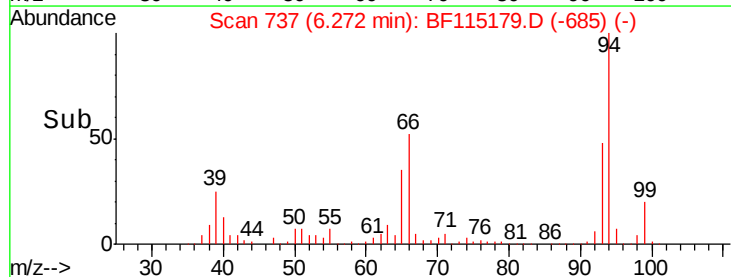
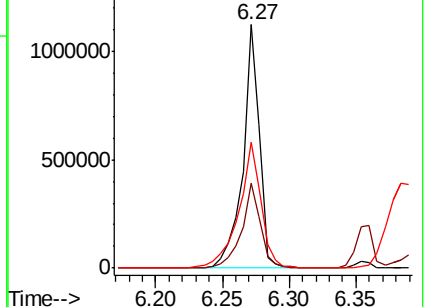
66 51.5 25.2 65.2

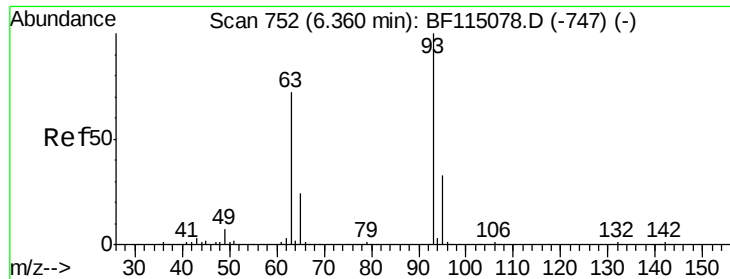


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

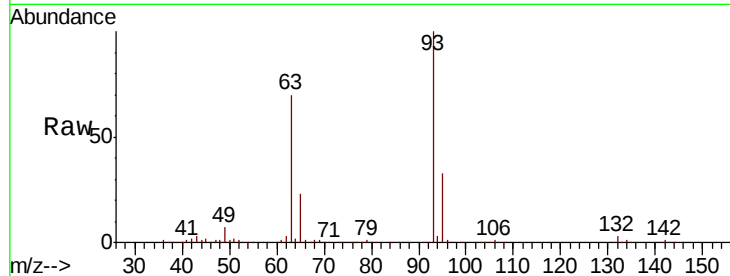




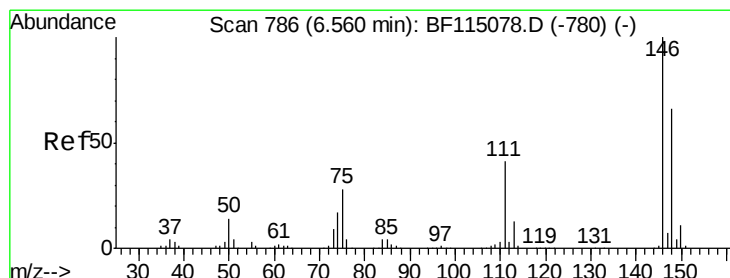
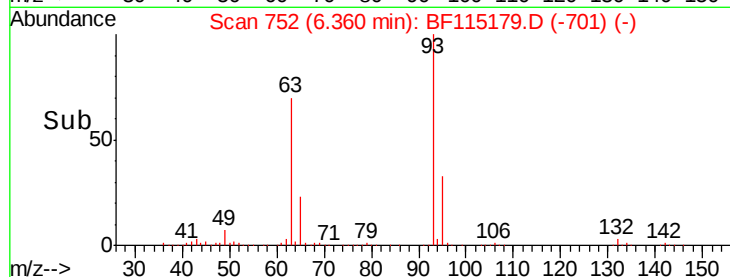
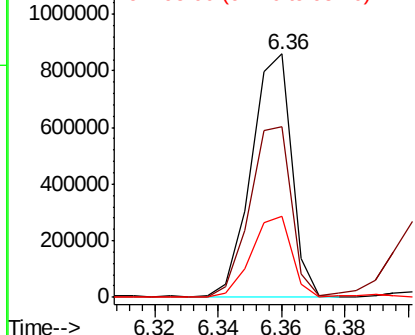
#11
 bis(2-Chloroethyl)ether
 Concen: 40.636 ng
 RT: 6.36 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tgt Ion:	93	Resp:	755093
Ion	Ratio	Lower	Upper
93	100		
63	69.9	51.5	91.5
95	33.2	13.4	53.4

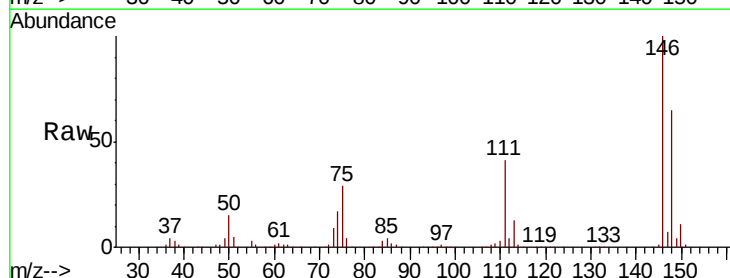


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

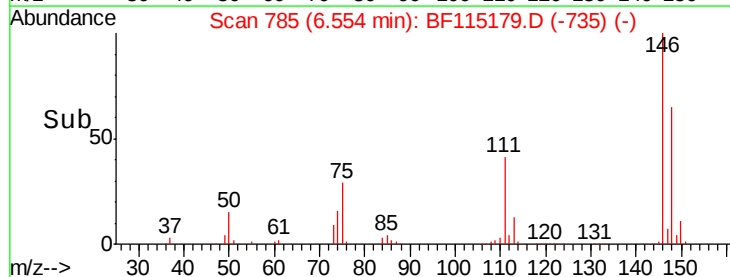
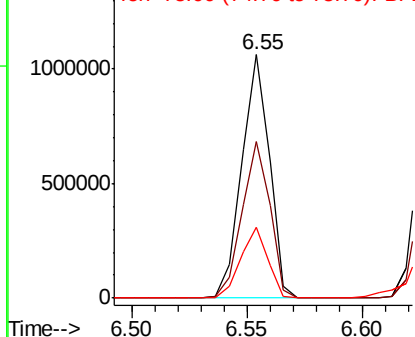


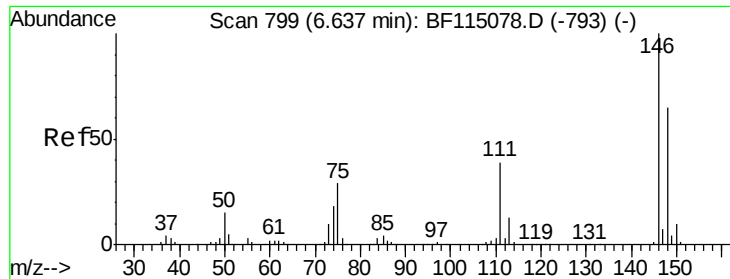
#12
 1,3-Dichlorobenzene
 Concen: 40.236 ng
 RT: 6.55 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion:	146	Resp:	890258
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
75	29.1	22.6	34.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

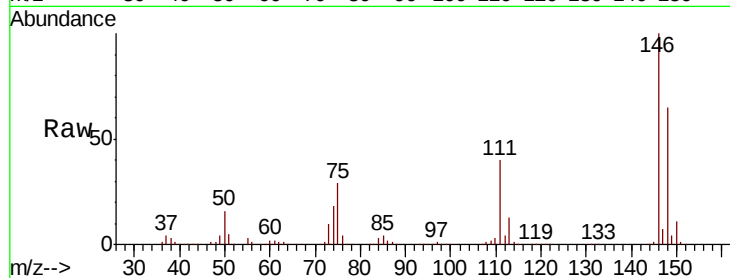




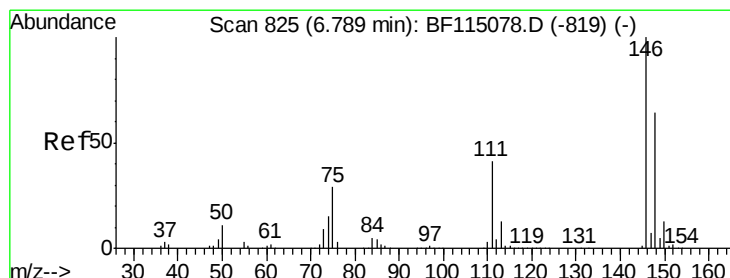
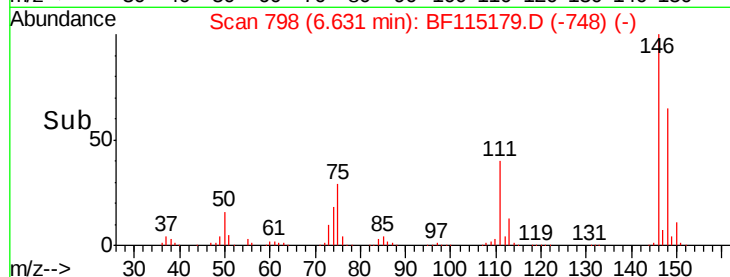
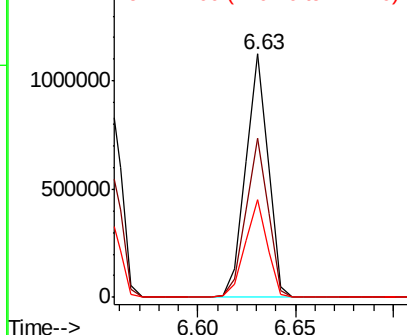
#13
 1,4-Dichlorobenzene
 Concen: 40.420 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tgt Ion:146 Resp: 896823
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 40.2 31.4 47.0

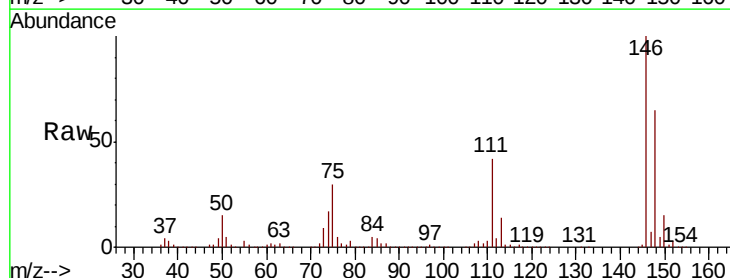


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

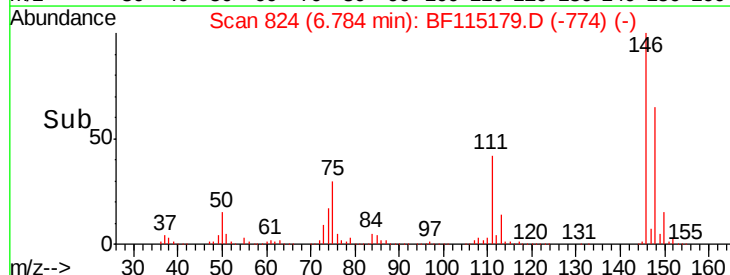
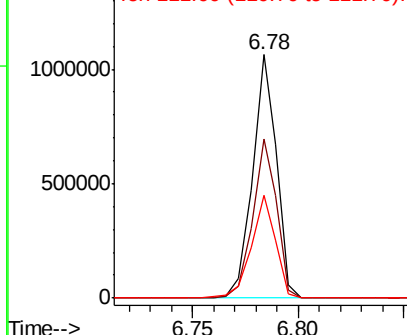


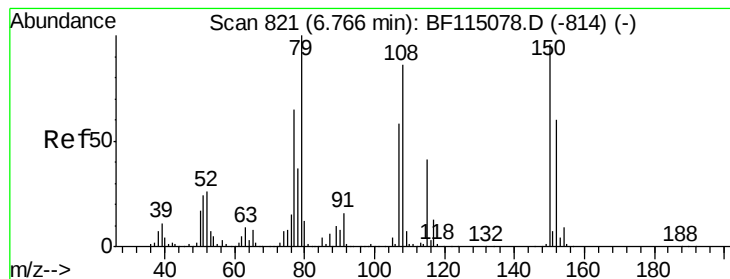
#14
 1,2-Dichlorobenzene
 Concen: 40.562 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion:146 Resp: 833429
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 42.3 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.550 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

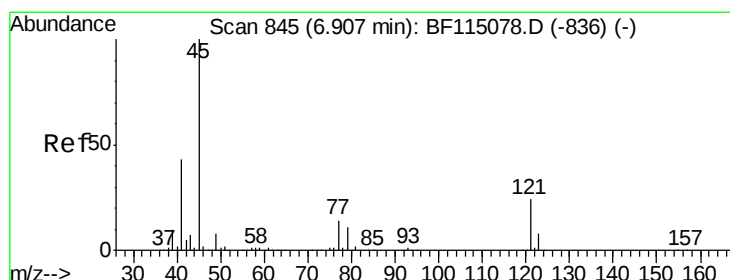
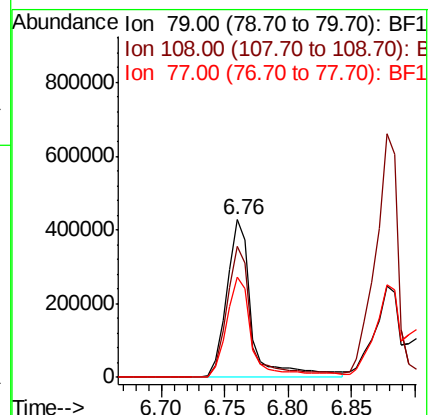
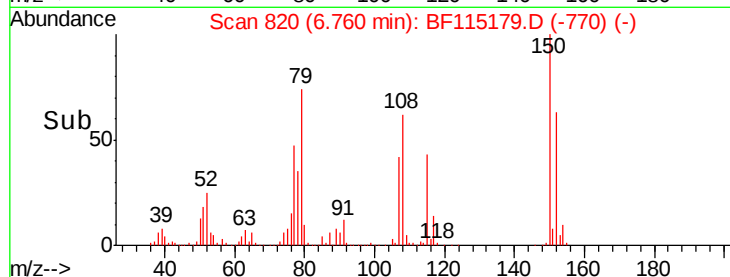
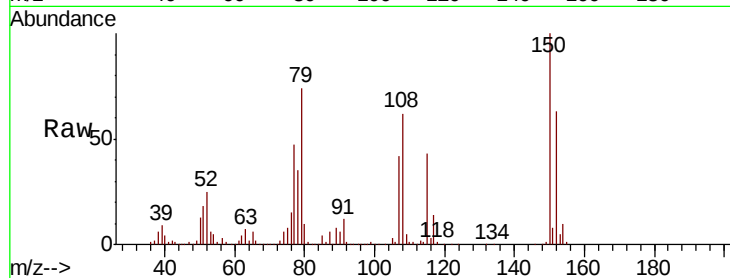
Tgt Ion: 79 Resp: 588414

Ion Ratio Lower Upper

79 100

108 83.3 68.7 103.1

77 63.6 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.294 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

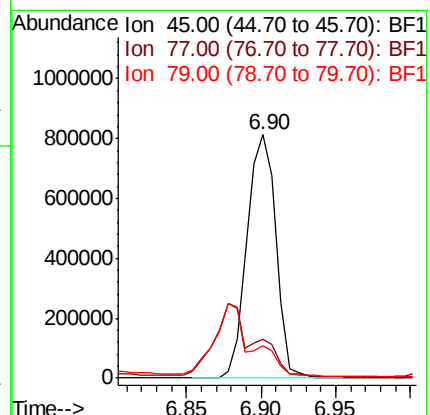
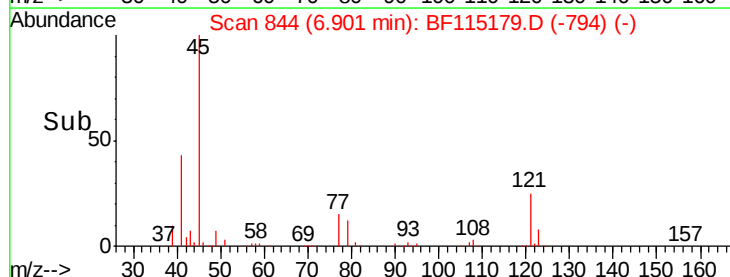
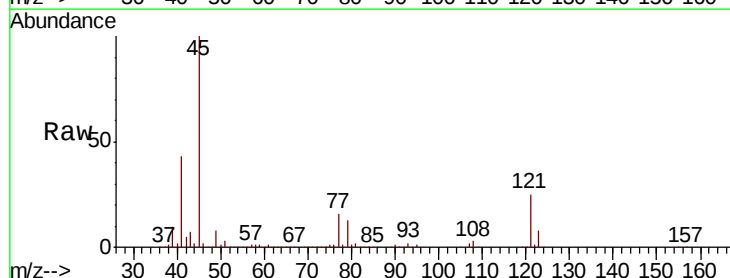
Tgt Ion: 45 Resp: 1085964

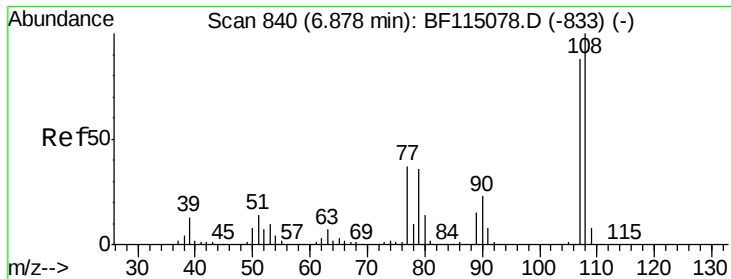
Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.6

79 13.1 0.0 31.2

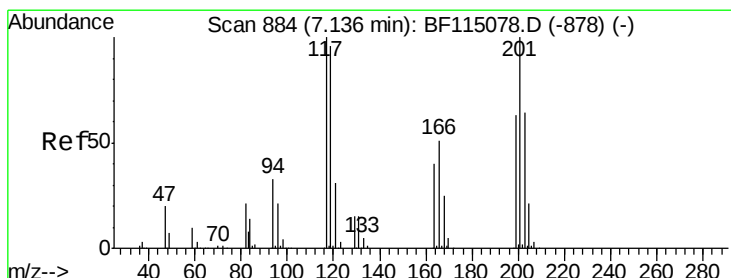
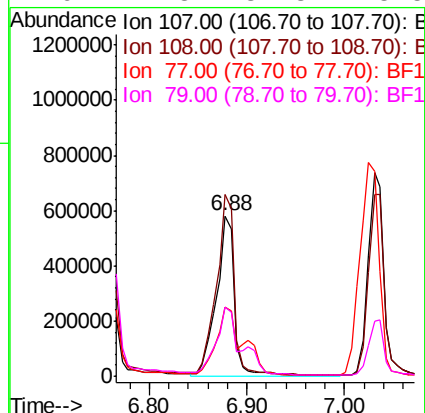
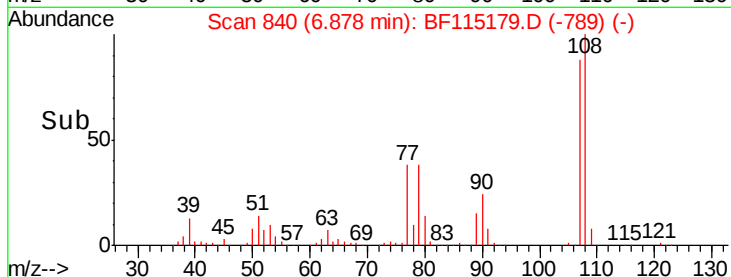
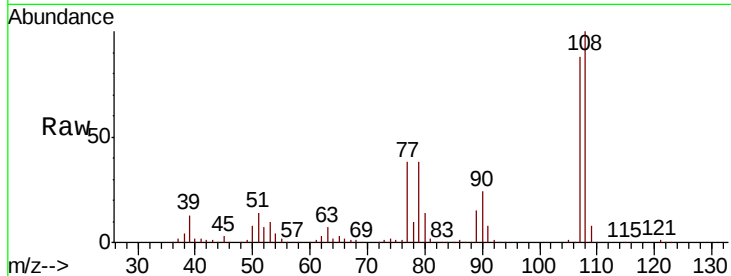




#17
2-Methylphenol
Concen: 45.874 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

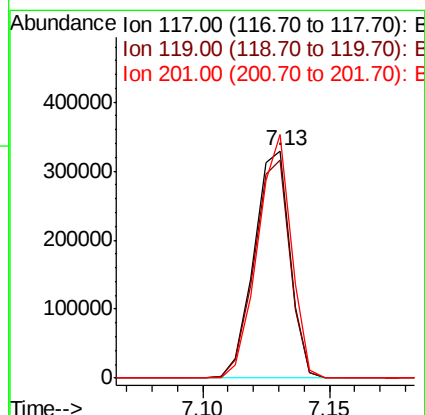
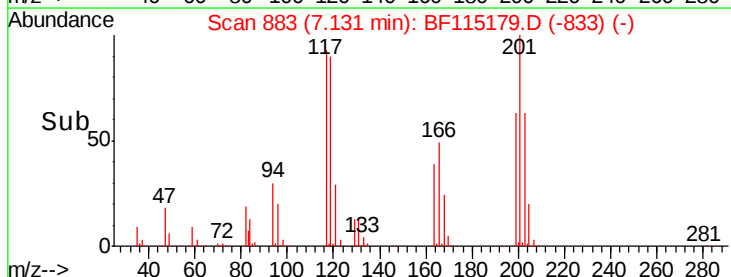
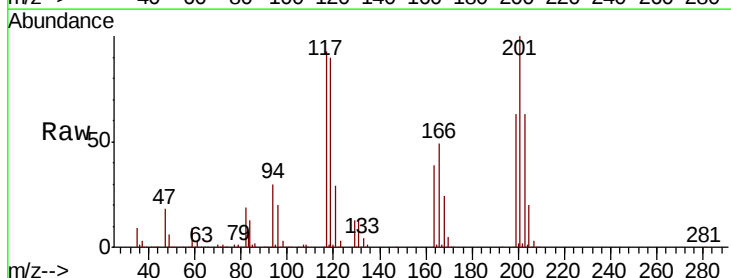
Instrument :
BNA_F
ClientSampleId :
PB120877BSD

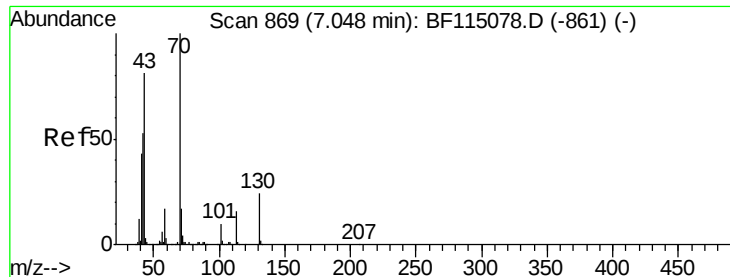
Tgt Ion:	107	Resp:	754911
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	43.3	33.4	50.2
79	42.8	32.3	48.5



#18
Hexachloroethane
Concen: 40.799 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:	117	Resp:	326349
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	107.1	80.2	120.2

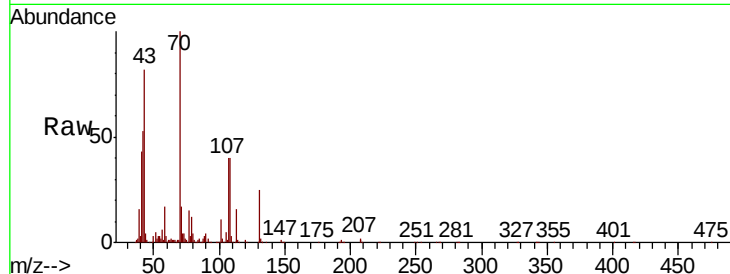




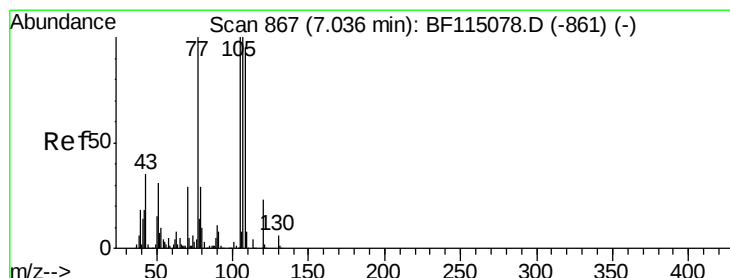
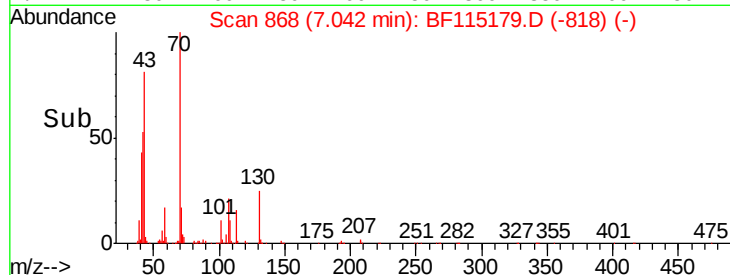
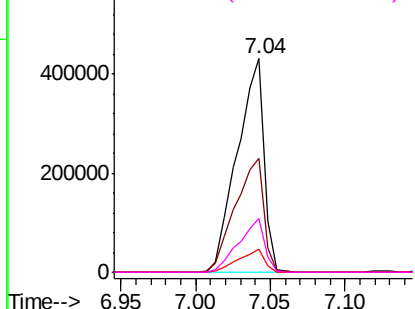
#19
n-Nitroso-di-n-propylamine
Concen: 39.197 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion: 70 Resp: 540040
Ion Ratio Lower Upper
70 100
42 53.3 42.6 63.8
101 10.5 8.0 12.0
130 25.0 19.4 29.0



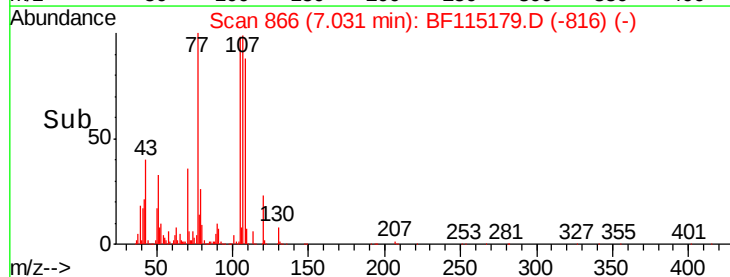
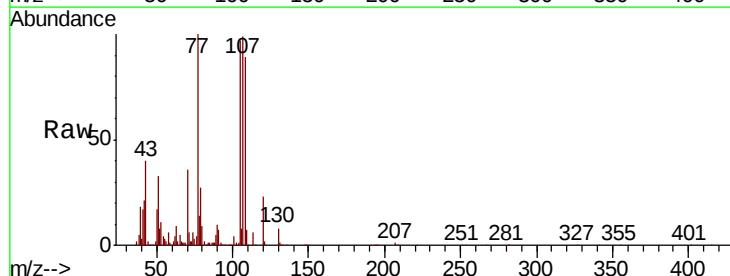
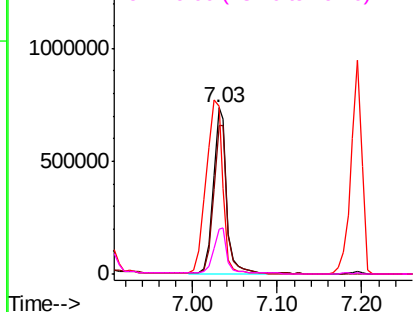
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

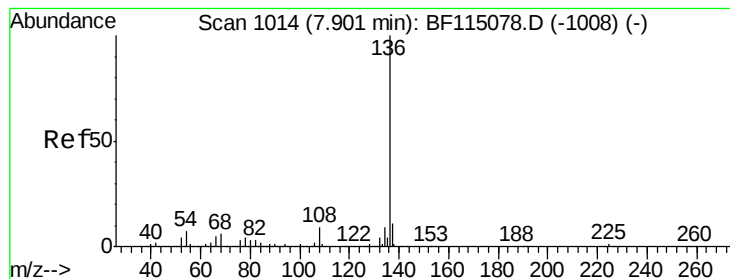


#20
3+4-Methylphenols
Concen: 43.660 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion: 107 Resp: 829610
Ion Ratio Lower Upper
107 100
108 89.0 75.5 115.5
77 100.6 80.2 120.2
79 26.9 9.5 49.5

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tgt Ion:136 Resp: 1098680

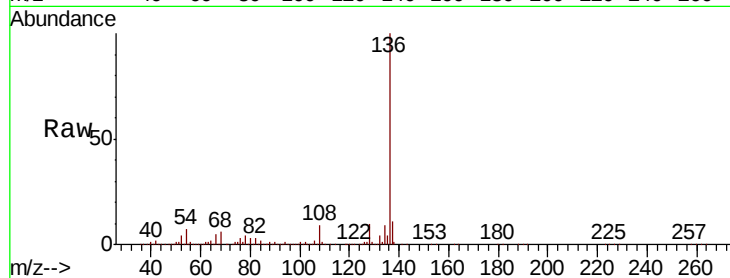
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.0 5.6 8.4

68 5.9 4.8 7.2



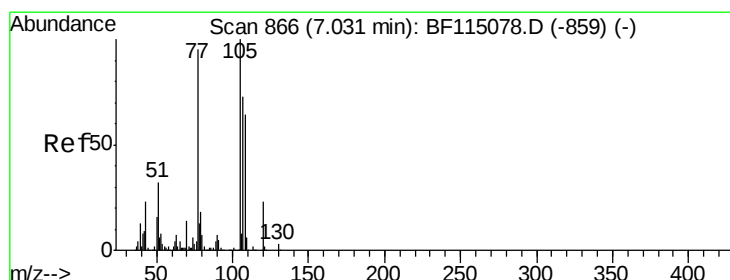
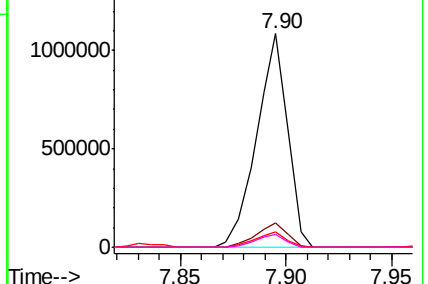
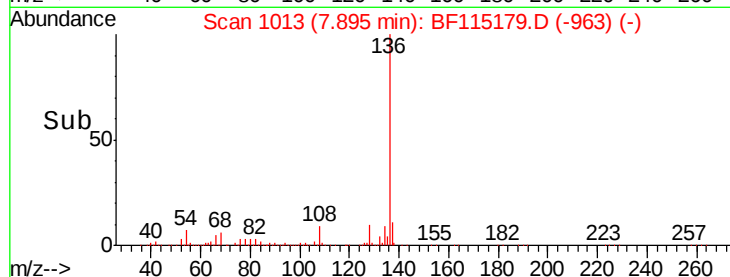
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.213 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:105 Resp: 1112057

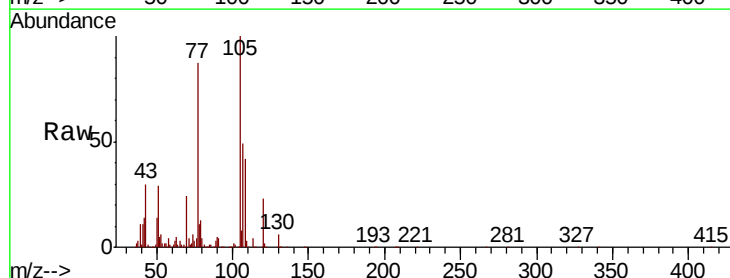
Ion Ratio Lower Upper

105 100

71 4.1 1.9 2.9#

51 29.2 25.8 38.8

120 23.2 18.5 27.7



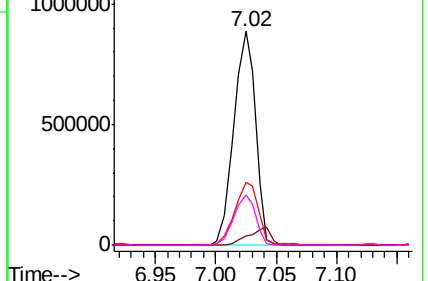
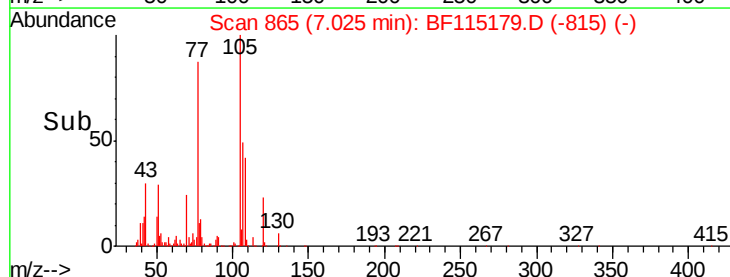
Abundance

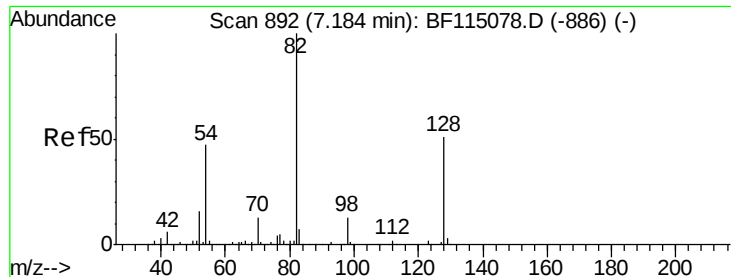
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

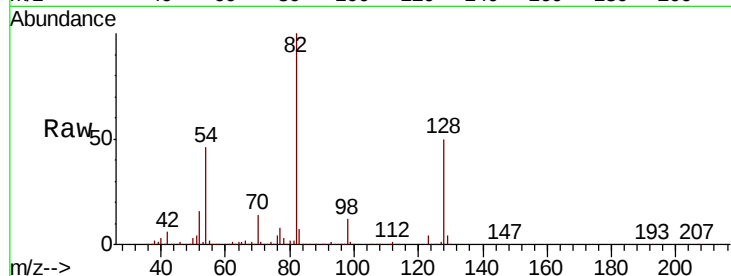




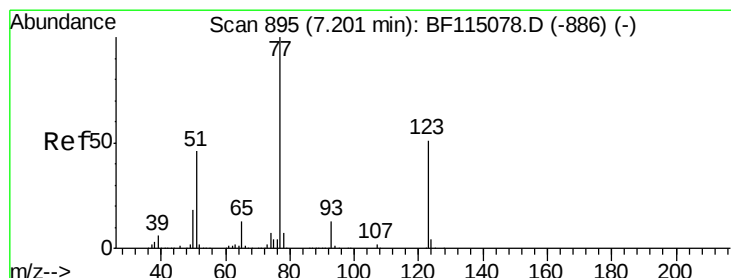
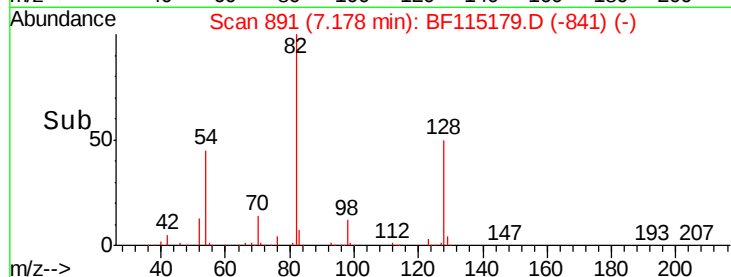
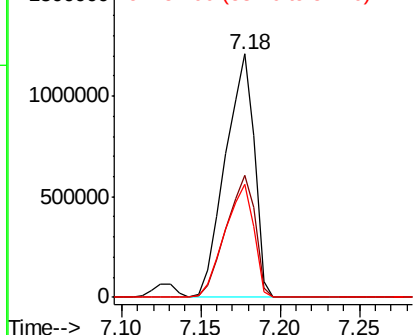
#23
Nitrobenzene-d5
Concen: 85.876 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion: 82 Resp: 1533760
Ion Ratio Lower Upper
82 100
128 50.2 40.4 60.6
54 46.5 37.5 56.3

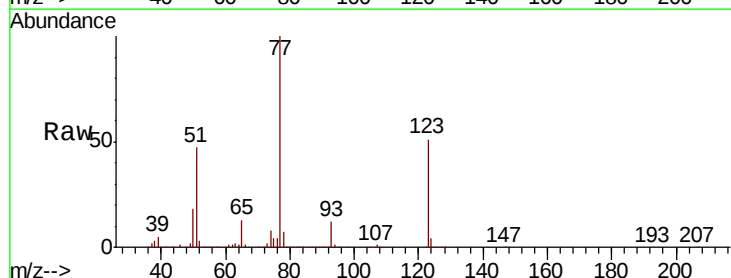


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

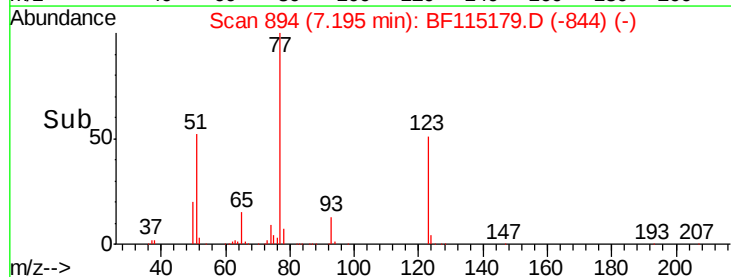
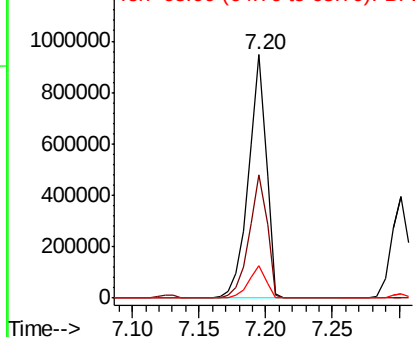


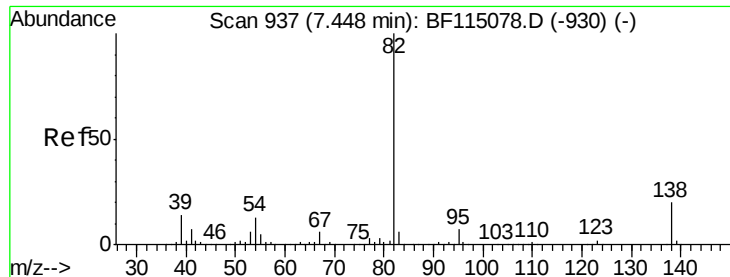
#24
Nitrobenzene
Concen: 43.656 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion: 77 Resp: 858993
Ion Ratio Lower Upper
77 100
123 50.6 41.0 61.6
65 13.5 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.085 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

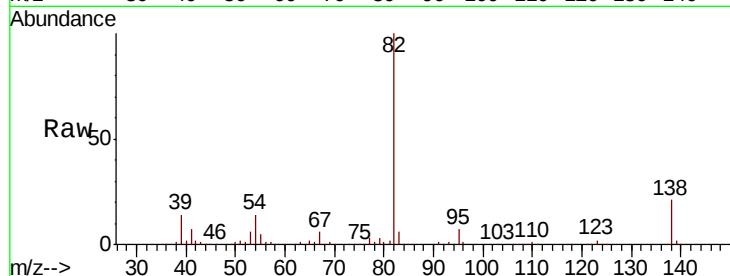
Tgt Ion: 82 Resp: 1576360

Ion Ratio Lower Upper

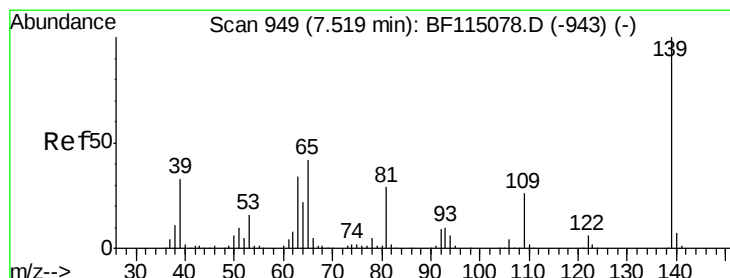
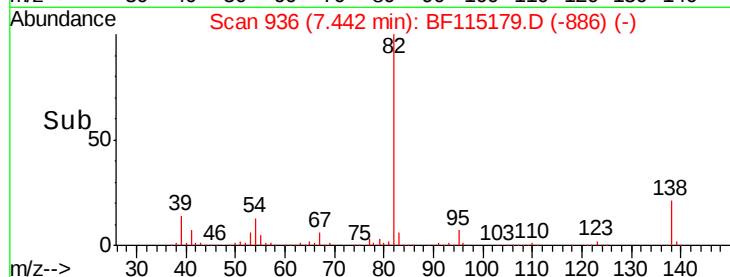
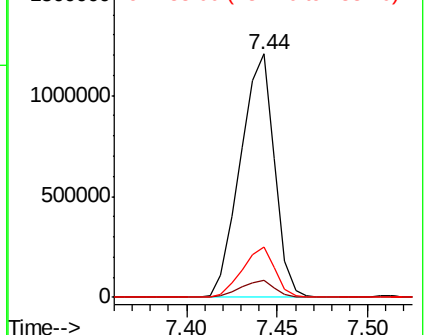
82 100

95 6.8 5.4 8.2

138 20.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.152 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

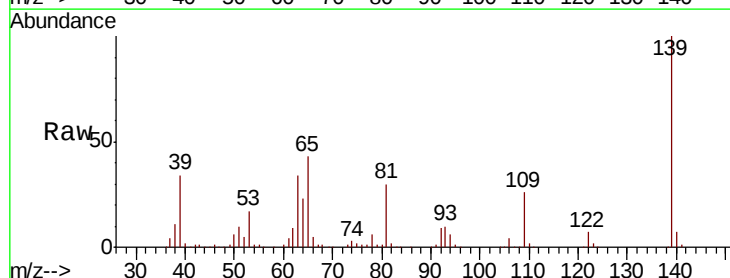
Tgt Ion: 139 Resp: 477608

Ion Ratio Lower Upper

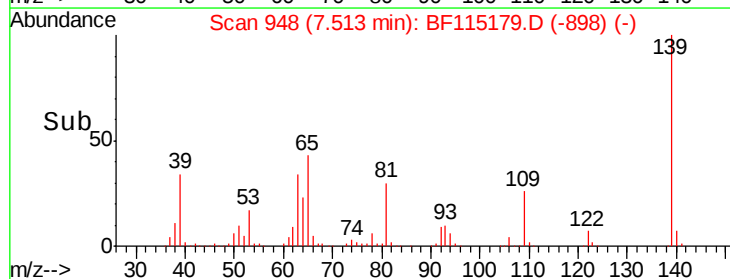
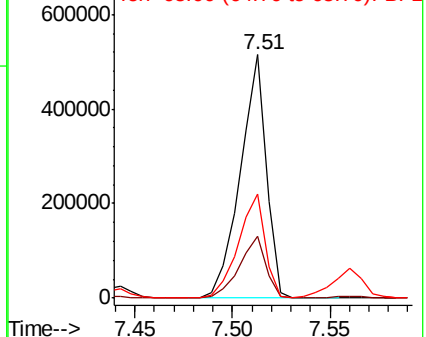
139 100

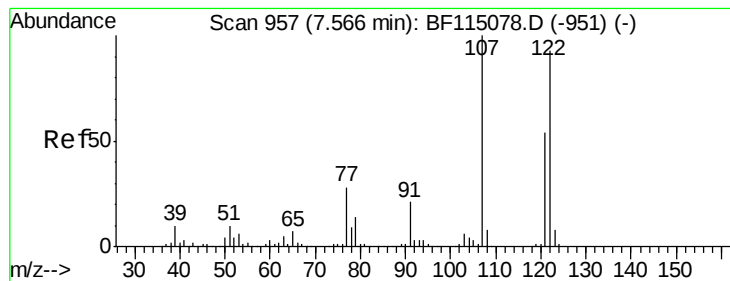
109 25.5 20.4 30.6

65 42.7 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.440 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

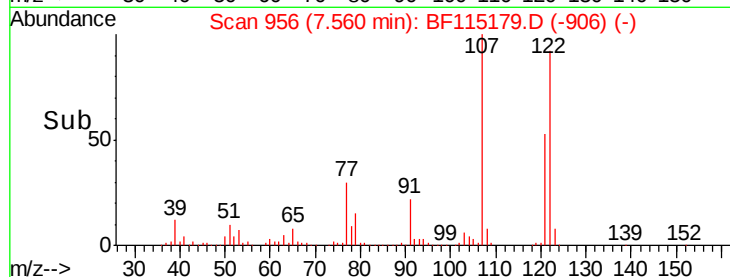
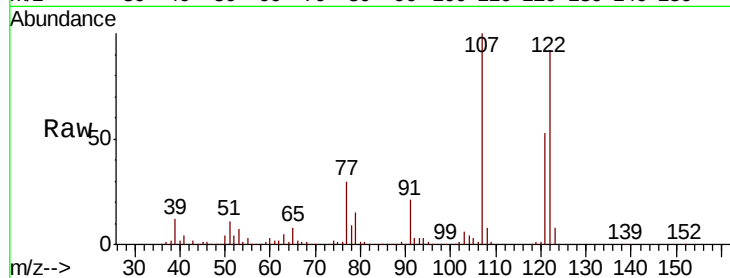
Tgt Ion:122 Resp: 802474

Ion Ratio Lower Upper

122 100

107 109.0 85.8 128.6

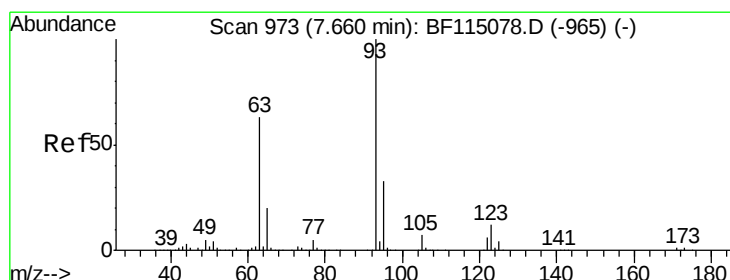
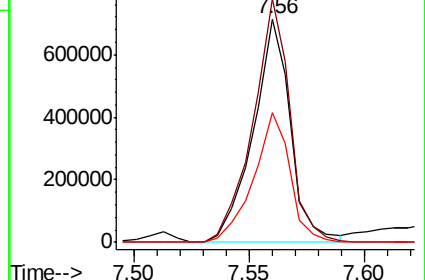
121 58.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.831 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

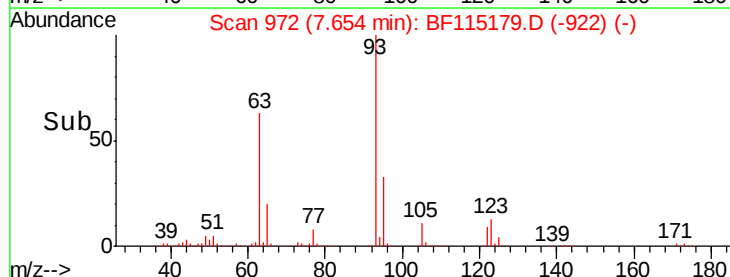
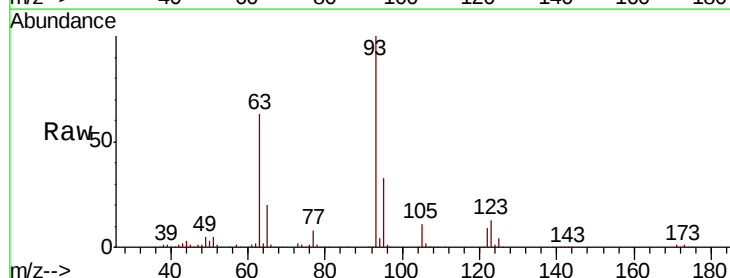
Tgt Ion: 93 Resp: 990464

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

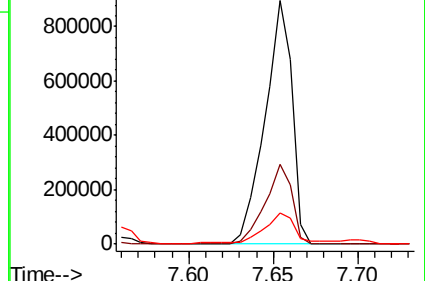
123 12.8 9.7 14.5

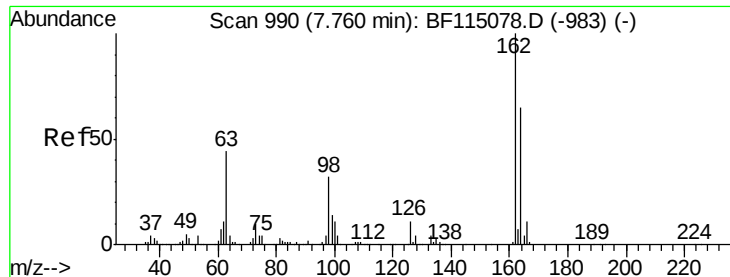


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

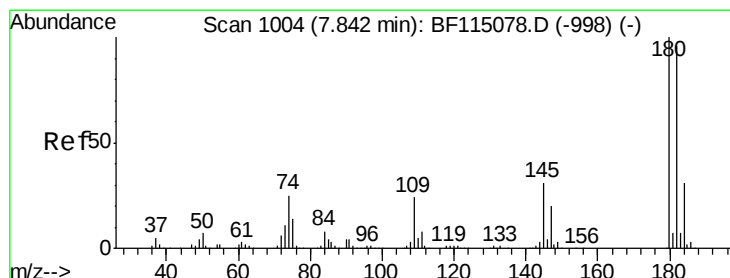
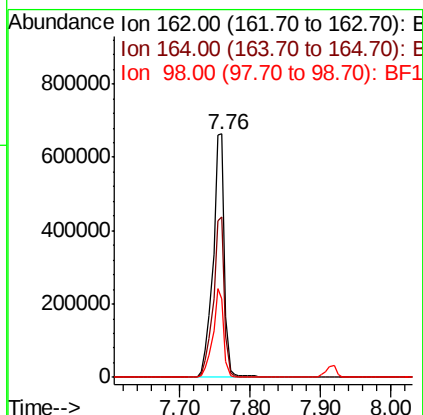
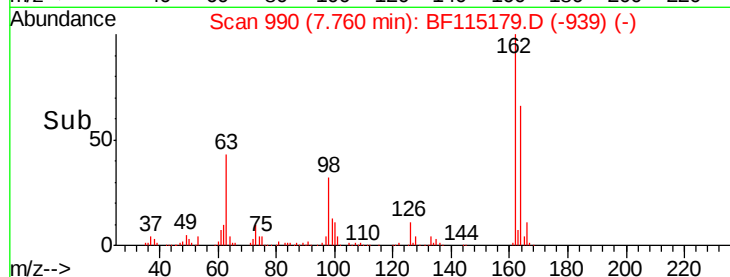
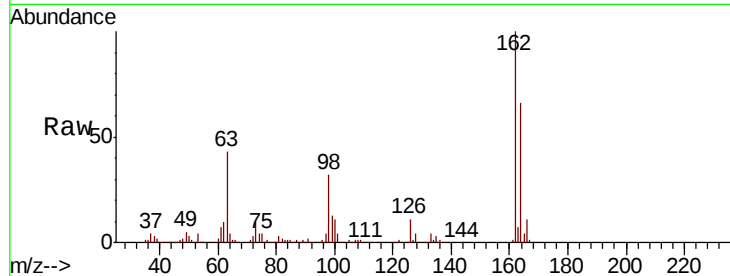




#29
2,4-Dichlorophenol
Concen: 46.280 ng
RT: 7.76 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

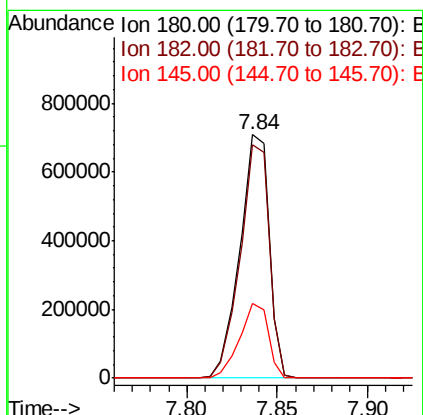
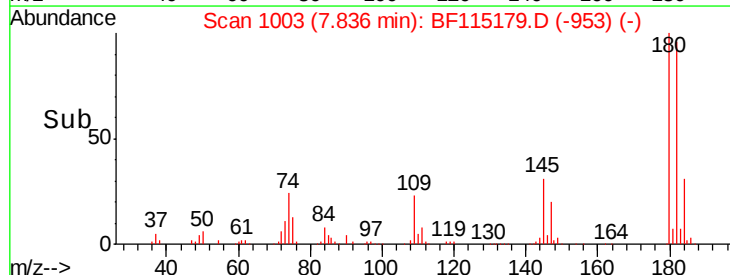
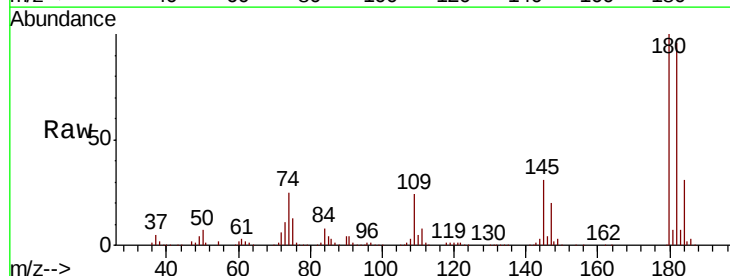
Instrument :
BNA_F
ClientSampleId :
PB120877BSD

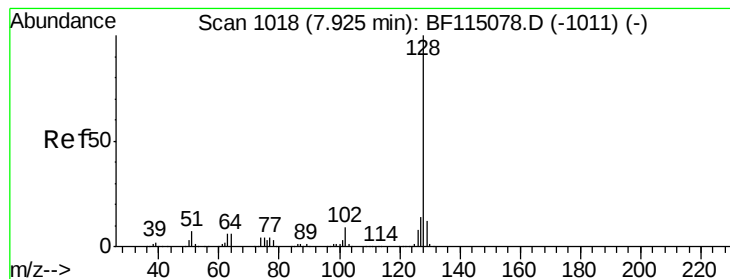
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.3	85.3
98	32.0	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 43.880 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	30.6	24.8	37.2





#31

Naphthalene

Concen: 43.754 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

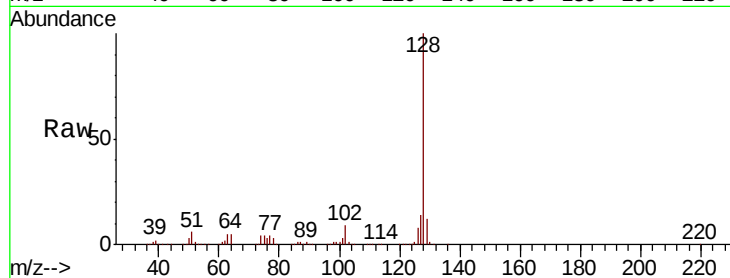
Tgt Ion:128 Resp: 2359725

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

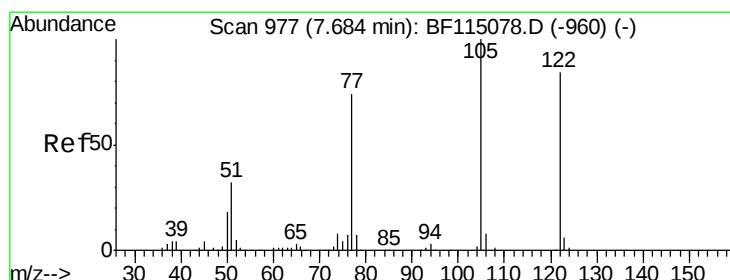
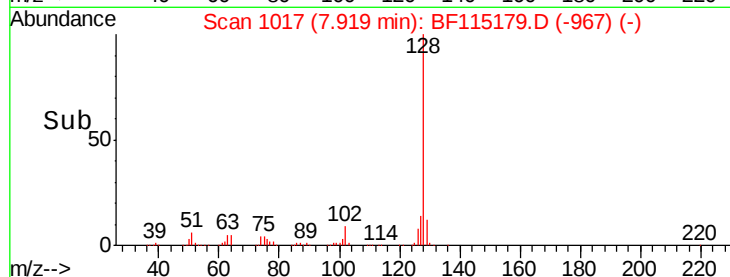
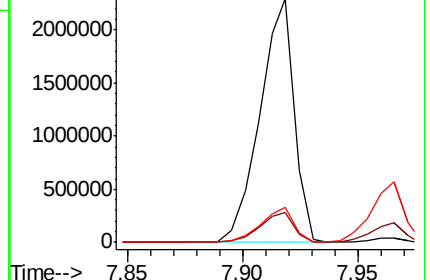
127 14.2 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 57.292 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

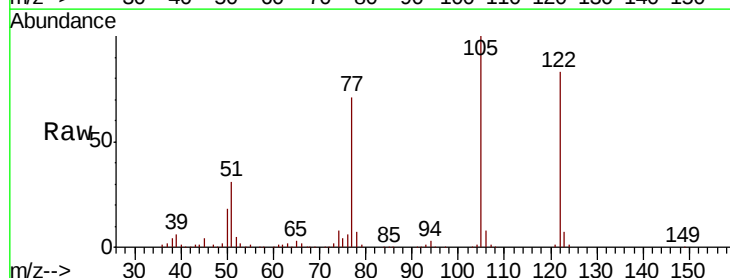
Tgt Ion:122 Resp: 650637

Ion Ratio Lower Upper

122 100

105 121.0 98.2 138.2

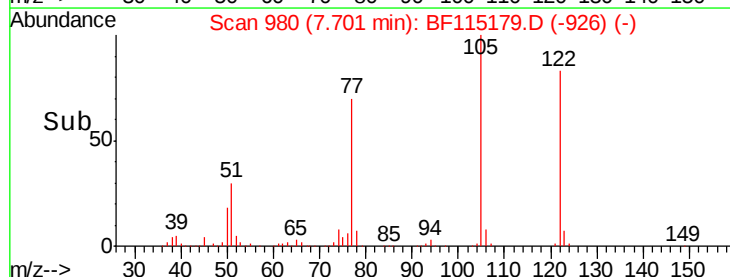
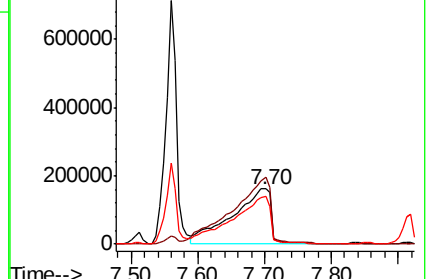
77 86.5 67.0 107.0

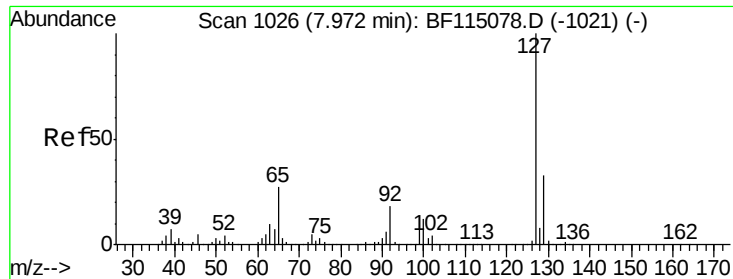


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

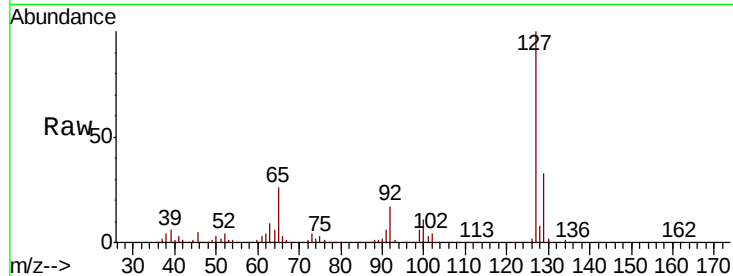




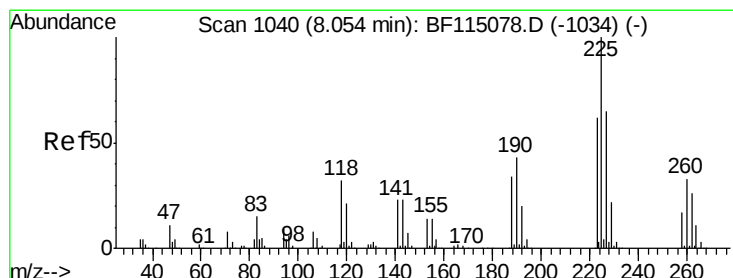
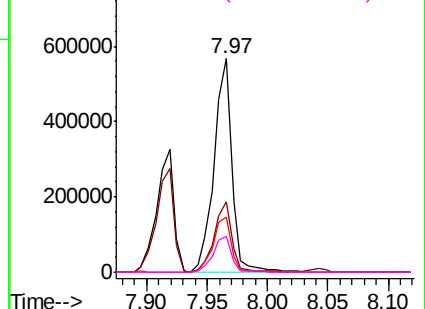
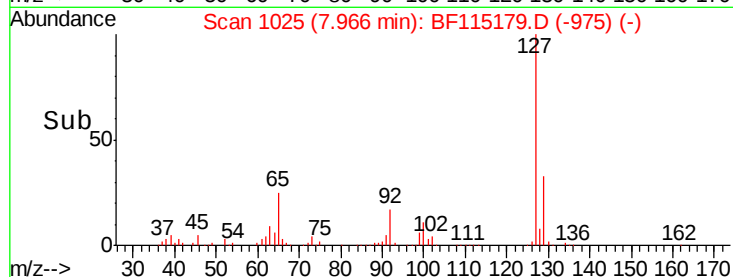
#33
4-Chloroaniline
Concen: 23.306 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion:	127	Resp:	574451
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	25.5	21.4	32.2
92	17.0	14.1	21.1

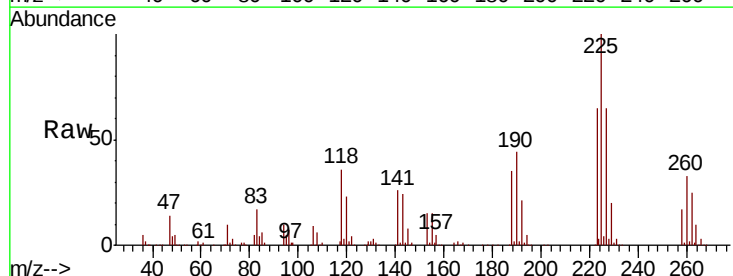


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

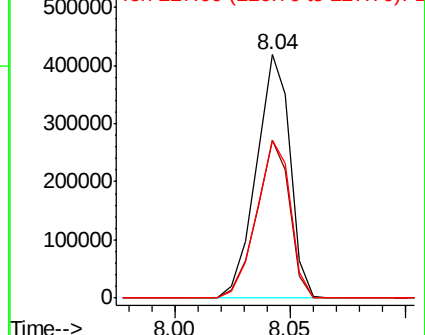
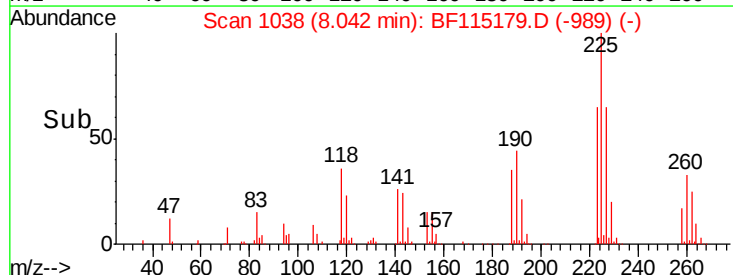


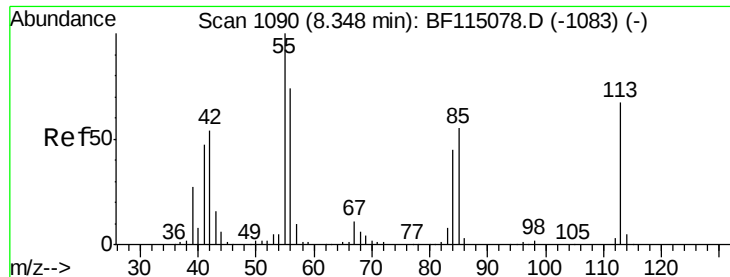
#34
Hexachlorobutadiene
Concen: 42.805 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:	225	Resp:	425410
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.4	74.2
227	64.9	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

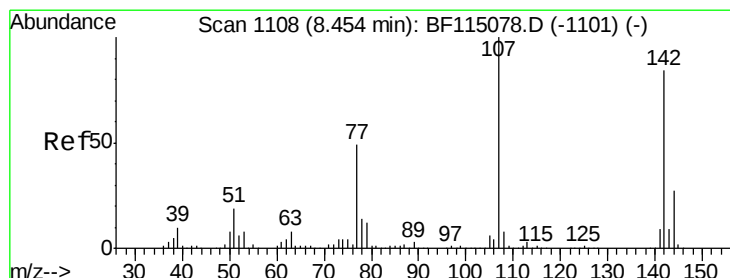
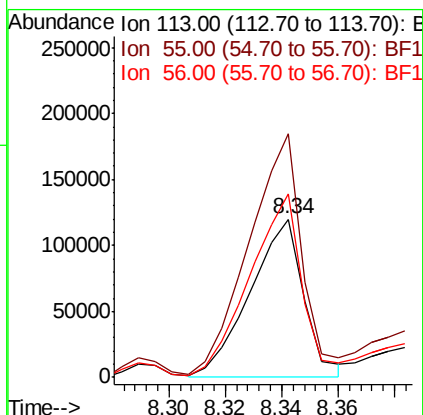
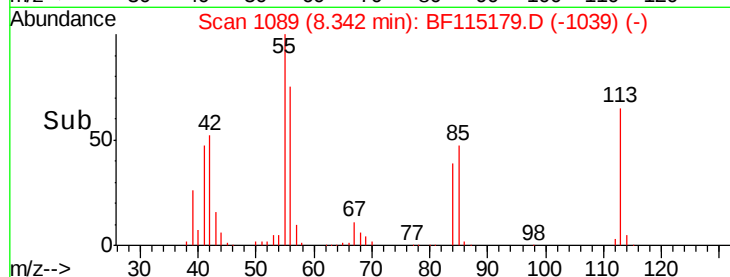
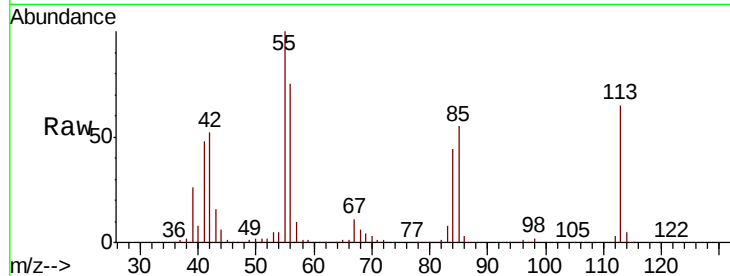




#35
 Caprolactam
 Concen: 28.540 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

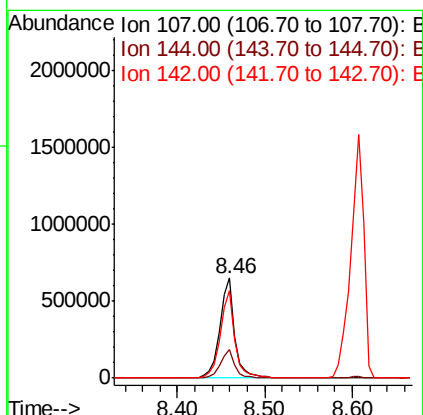
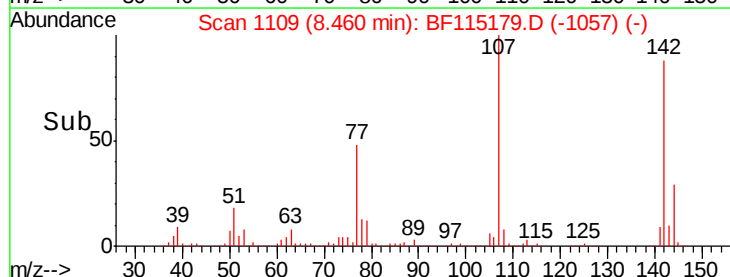
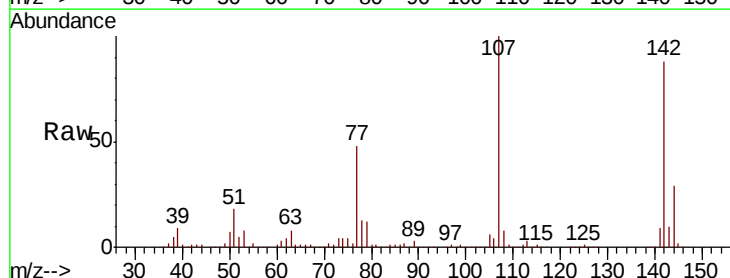
Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

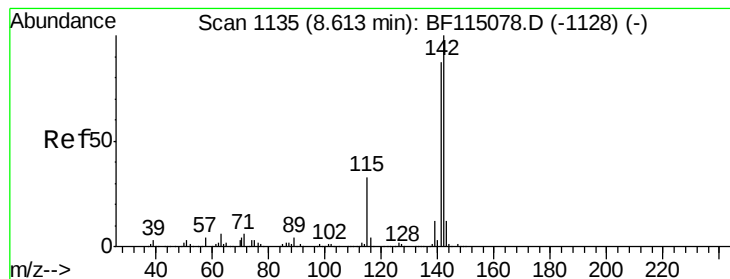
Tgt Ion:113 Resp: 157541
 Ion Ratio Lower Upper
 113 100
 55 153.9 130.2 170.2
 56 116.2 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.065 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion:107 Resp: 765949
 Ion Ratio Lower Upper
 107 100
 144 28.6 21.7 32.5
 142 87.9 67.0 100.4





#37

2-Methylnaphthalene

Concen: 45.492 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

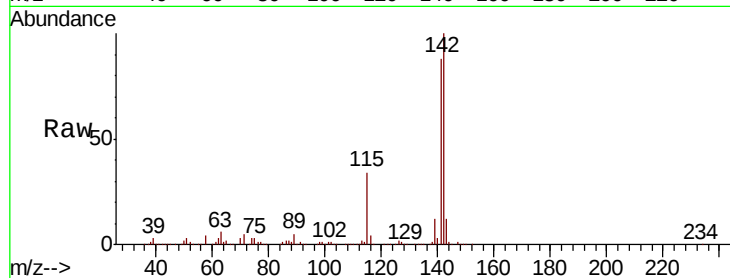
Tgt Ion:142 Resp: 1654228

Ion Ratio Lower Upper

142 100

141 88.3 69.8 104.6

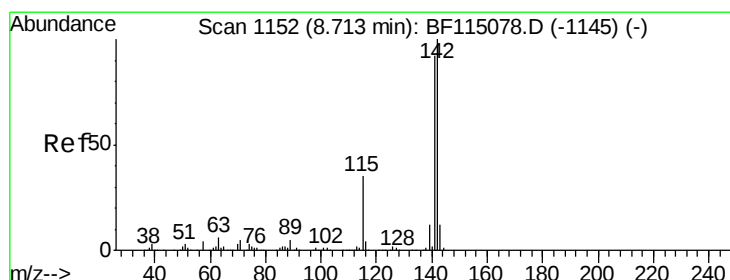
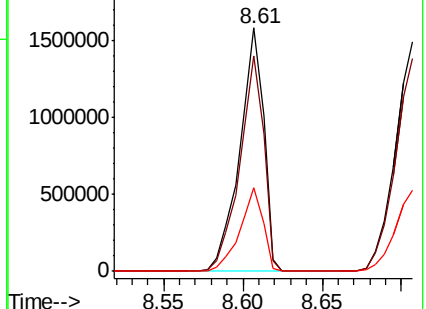
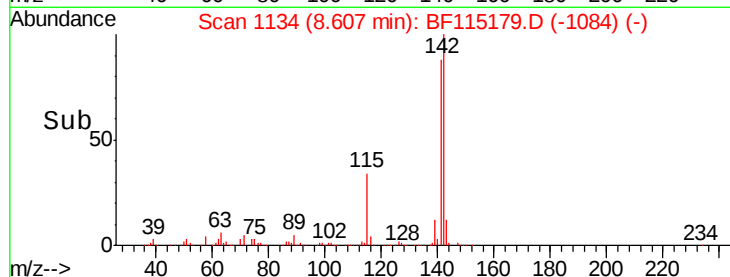
115 34.2 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.113 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

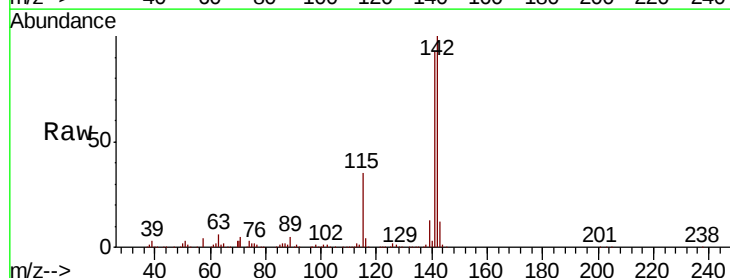
Tgt Ion:142 Resp: 1566764

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.8

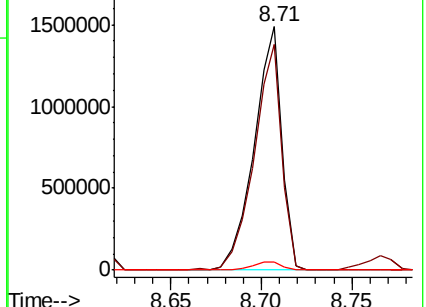
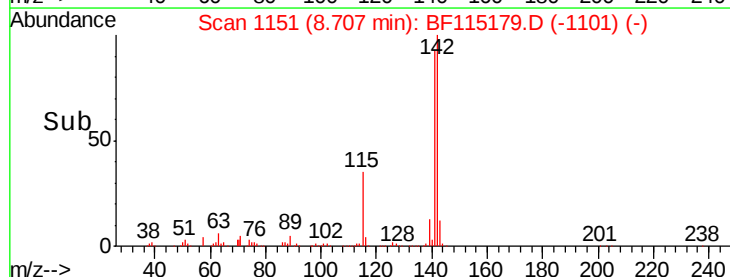
116 3.6 2.8 4.2

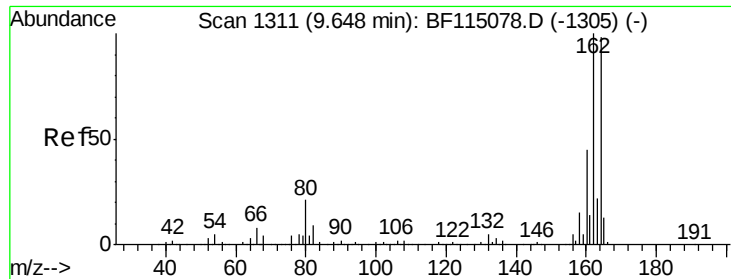


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

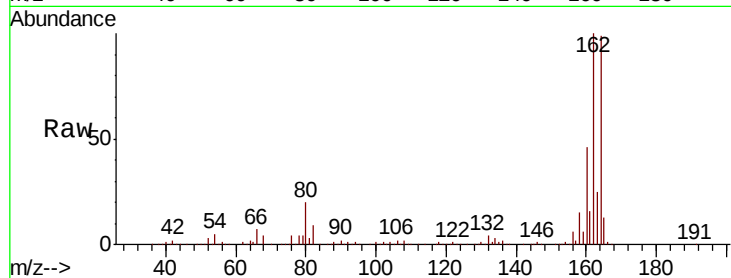




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	46.2	37.0	55.4

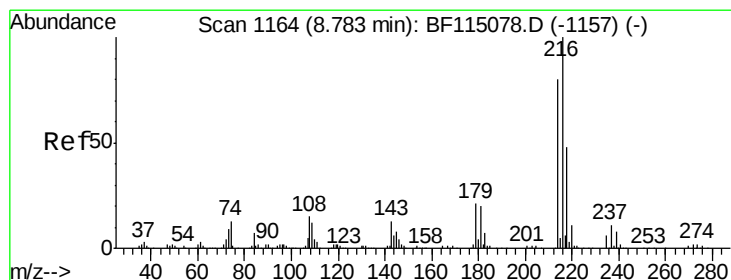
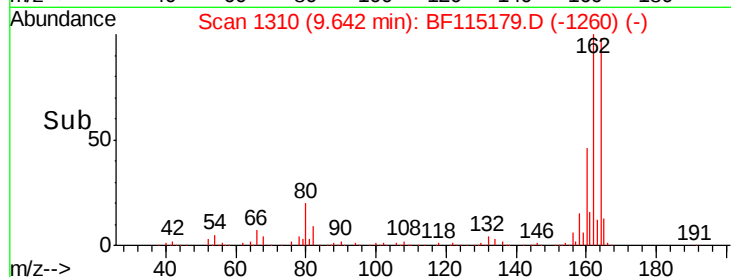
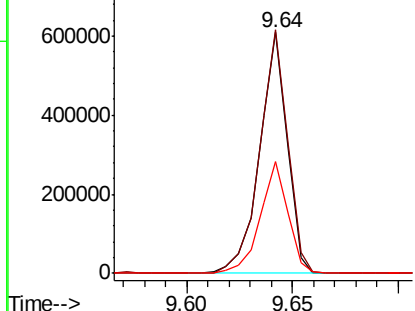


Abundance

Ion 164.00 (163.70 to 164.70): E

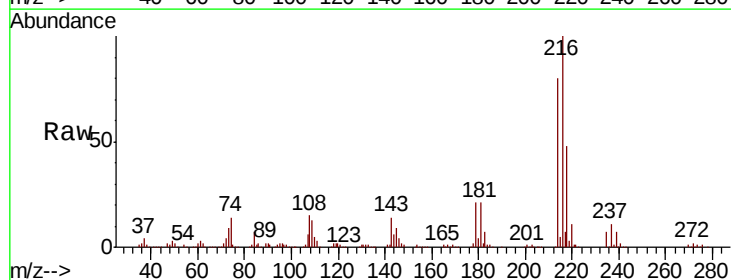
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.356 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	22.0	17.6	26.4
108	20.4	15.7	23.5



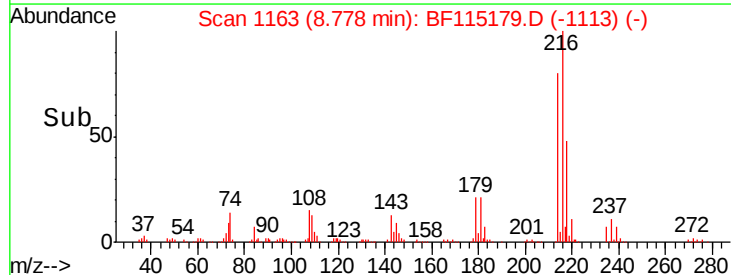
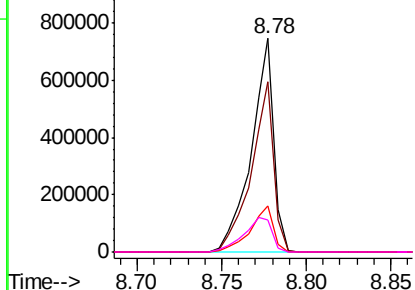
Abundance

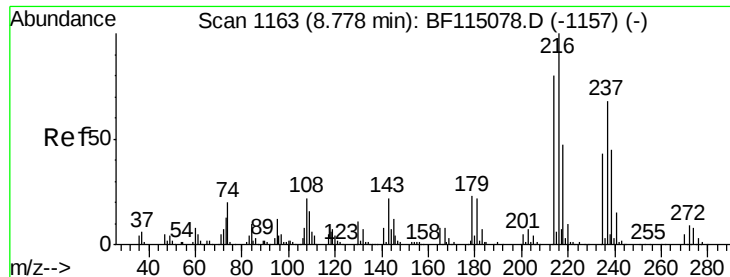
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.881 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

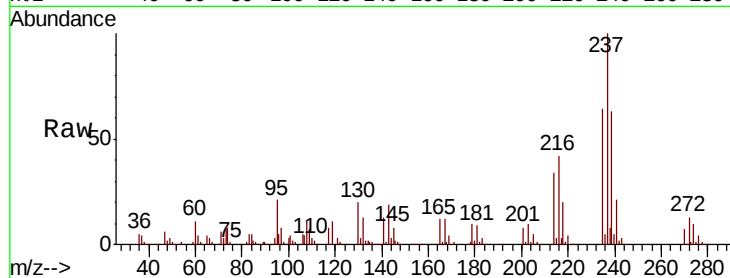
Tgt Ion: 237 Resp: 722428

Ion Ratio Lower Upper

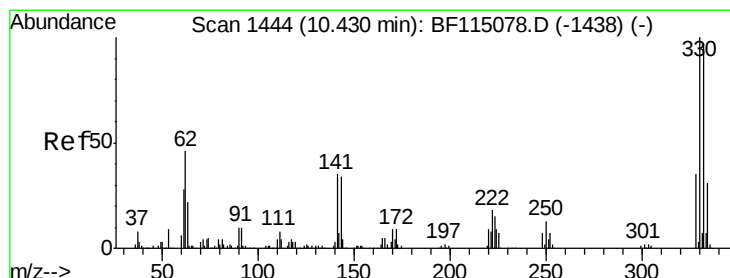
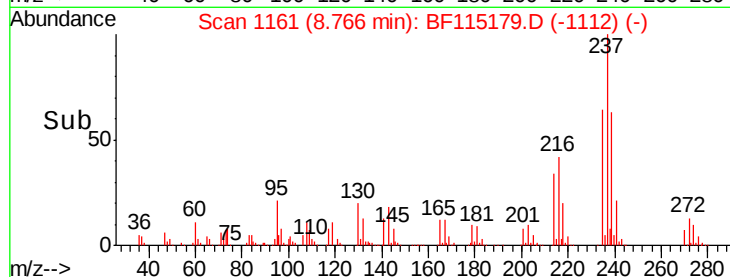
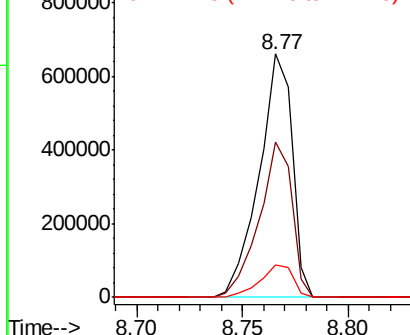
237 100

235 63.9 43.9 83.9

272 13.3 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.922 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

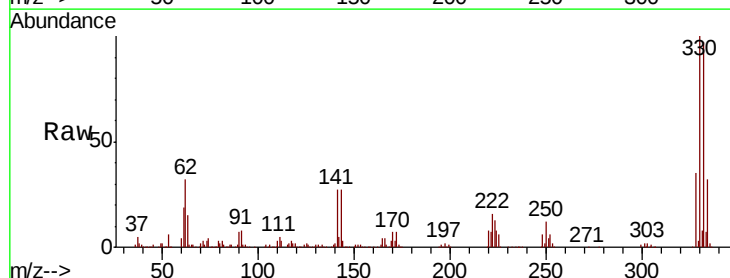
Tgt Ion: 330 Resp: 723432

Ion Ratio Lower Upper

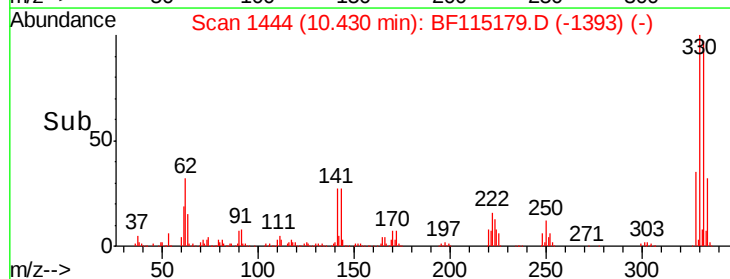
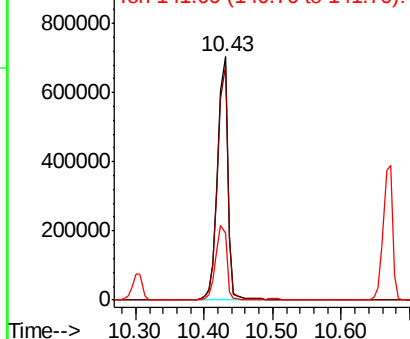
330 100

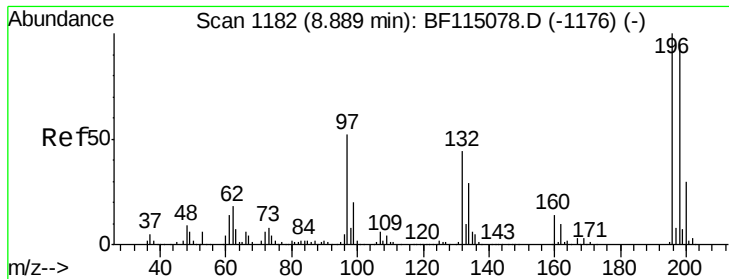
332 96.8 77.3 115.9

141 32.8 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

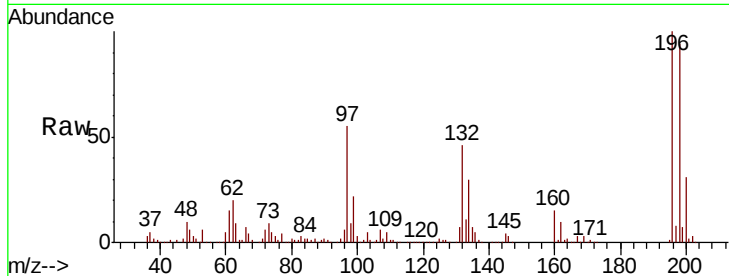




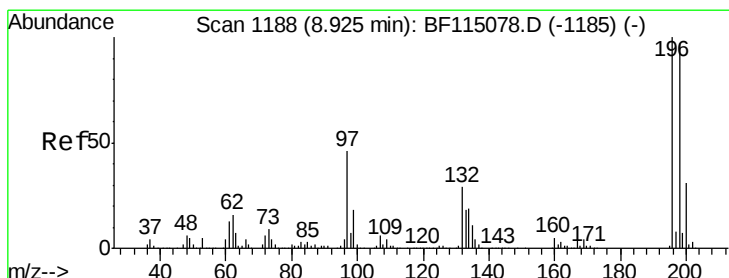
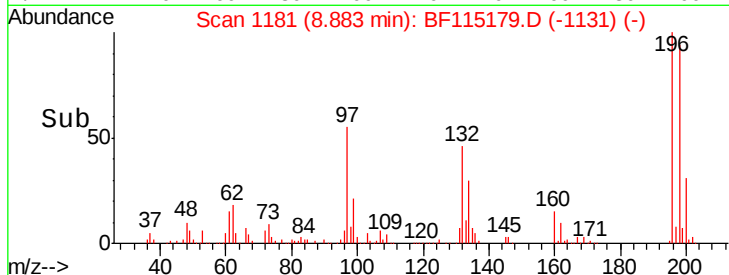
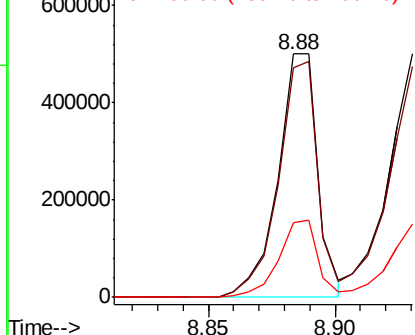
#43
 2,4,6-Trichlorophenol
 Concen: 45.170 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tgt Ion:196 Resp: 545534
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 30.6 24.2 36.4

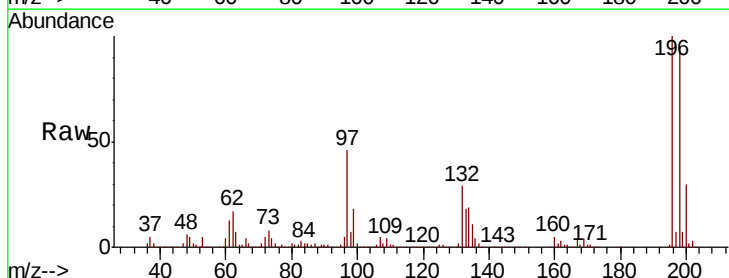


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

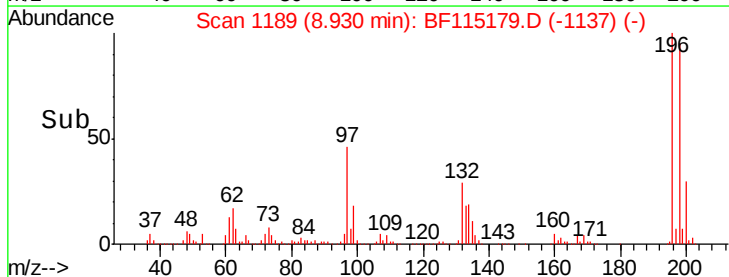
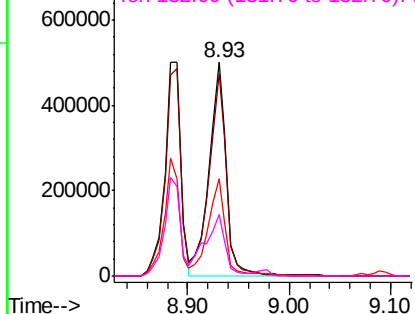


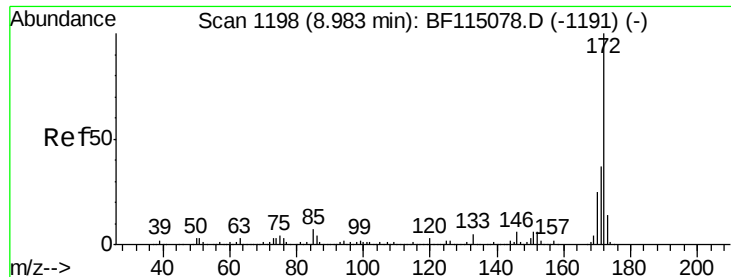
#44
 2,4,5-Trichlorophenol
 Concen: 47.563 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion:196 Resp: 591557
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 97 45.9 37.7 56.5
 132 28.7 23.1 34.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

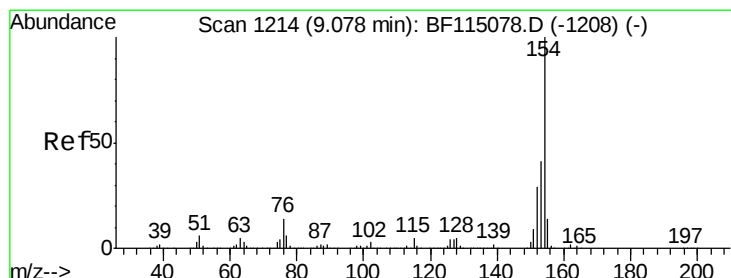
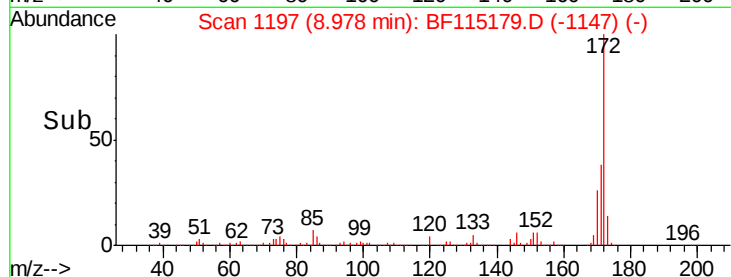
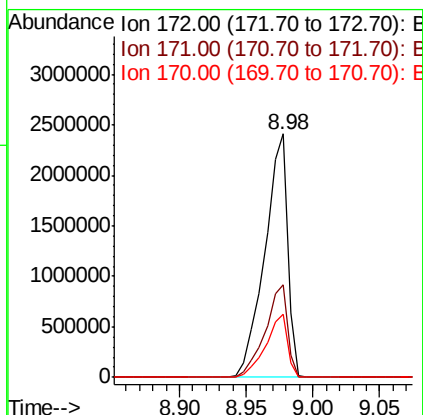
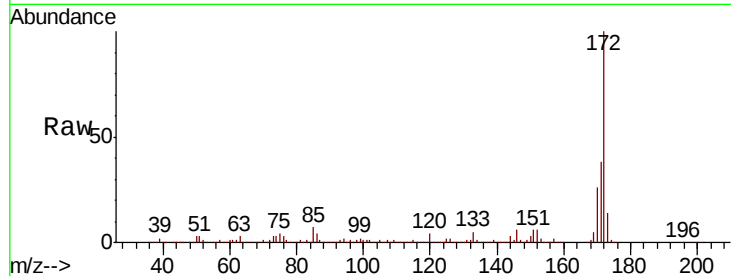




#45
2-Fluorobiphenyl
Concen: 87.949 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

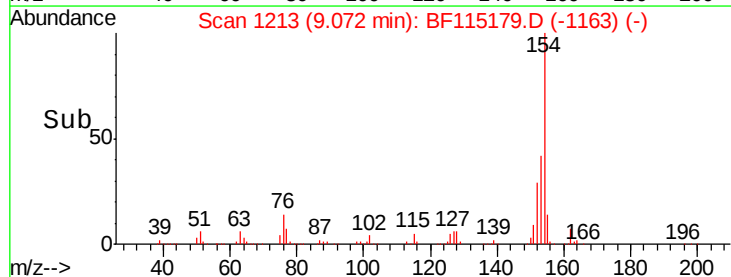
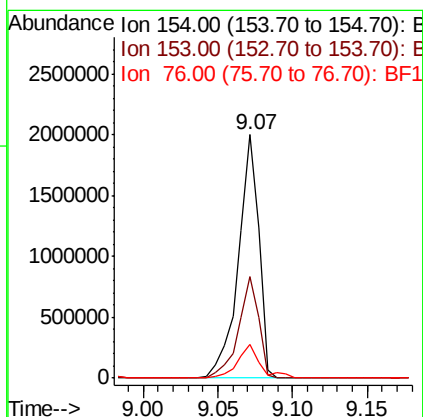
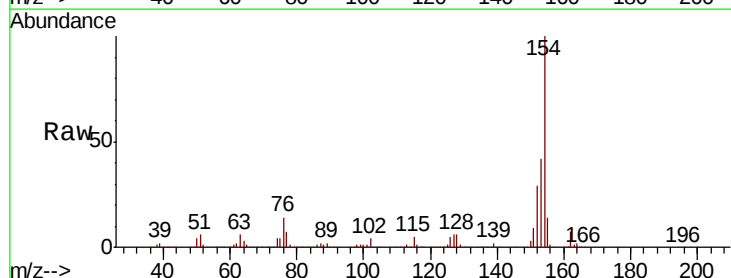
Instrument :
BNA_F
ClientSampleId :
PB120877BSD

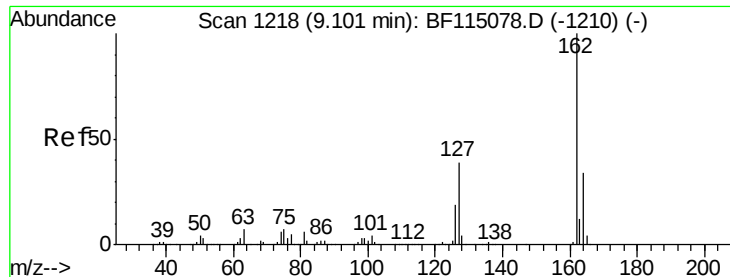
Tgt Ion:172 Resp: 2866299
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 25.9 20.3 30.5



#46
1,1'-Biphenyl
Concen: 43.128 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:154 Resp: 1910346
Ion Ratio Lower Upper
154 100
153 41.8 20.9 60.9
76 13.8 0.0 34.1

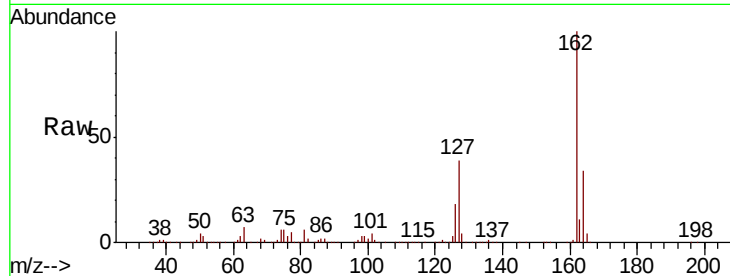




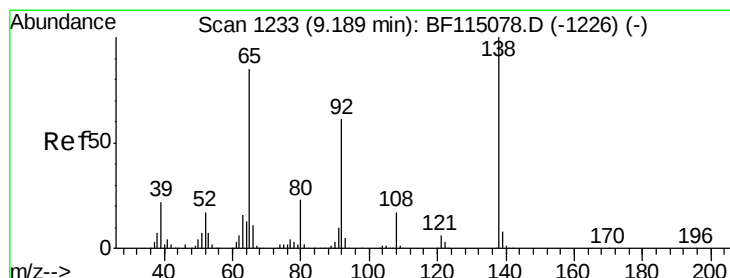
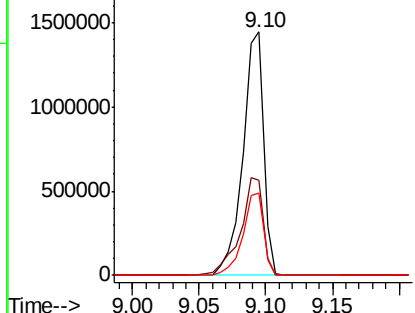
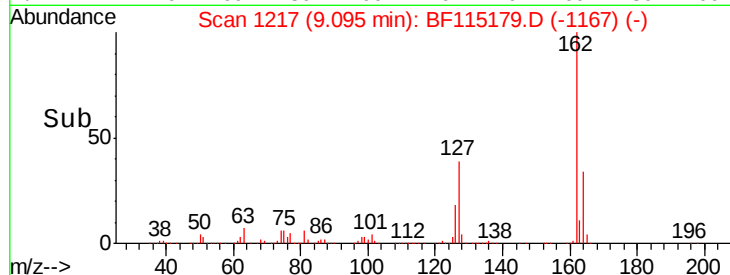
#47
2-Chloronaphthalene
Concen: 42.870 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion: 162 Resp: 1540323
Ion Ratio Lower Upper
162 100
127 38.8 30.8 46.2
164 34.1 27.0 40.4

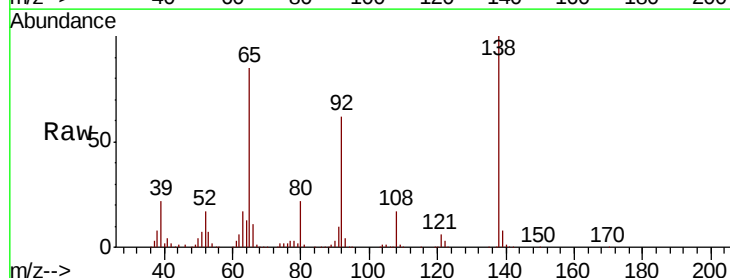


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

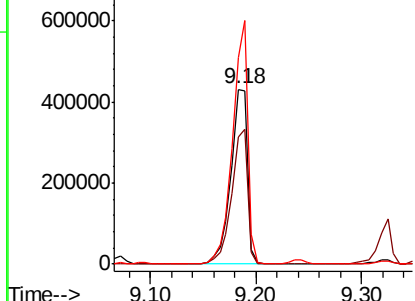
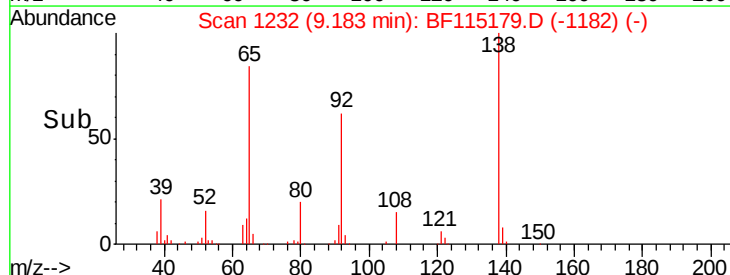


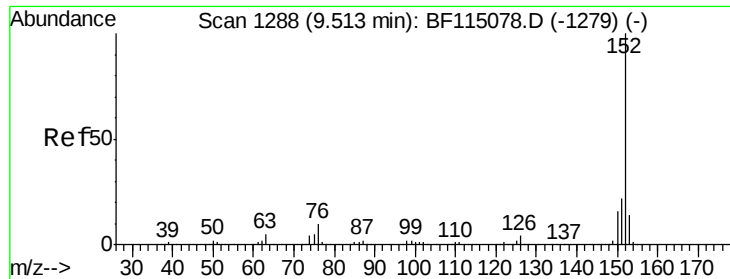
#48
2-Nitroaniline
Concen: 44.493 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion: 65 Resp: 466073
Ion Ratio Lower Upper
65 100
92 72.9 57.4 86.2
138 118.1 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
800000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.365 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

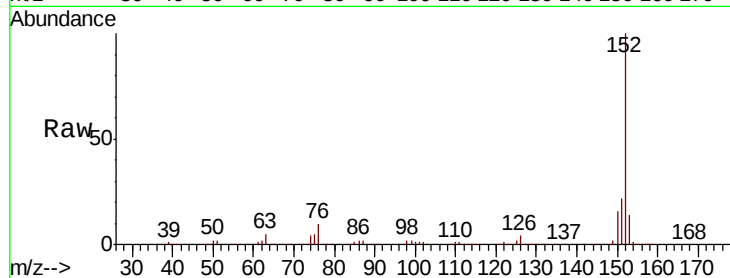
Tgt Ion:152 Resp: 2371589

Ion Ratio Lower Upper

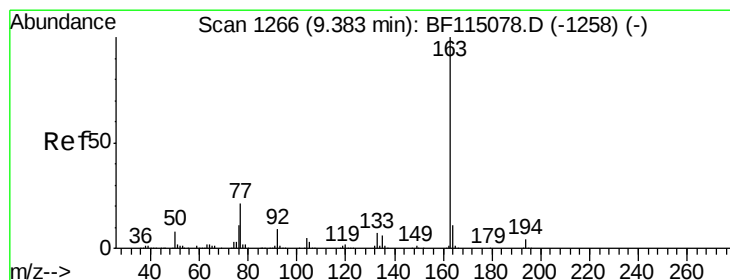
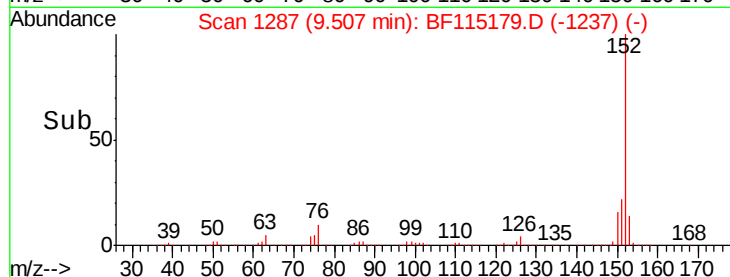
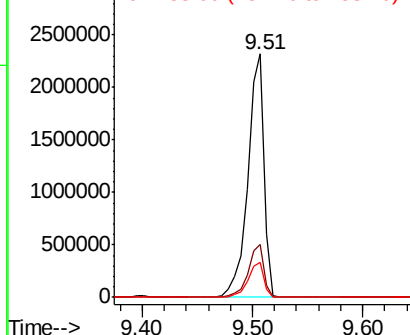
152 100

151 21.9 17.2 25.8

153 14.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.029 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

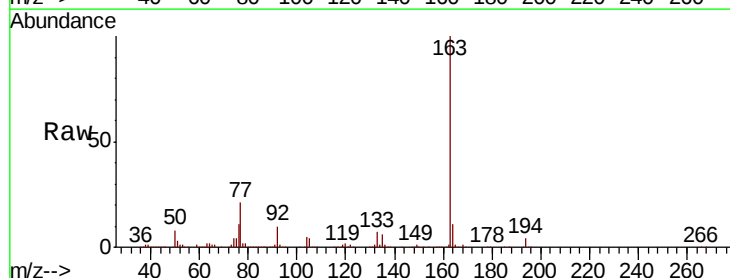
Tgt Ion:163 Resp: 1793229

Ion Ratio Lower Upper

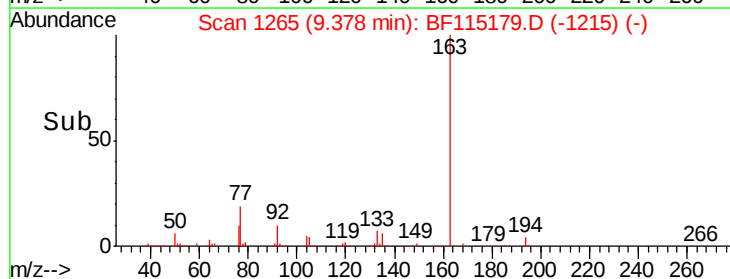
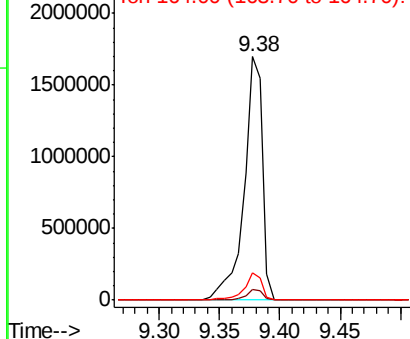
163 100

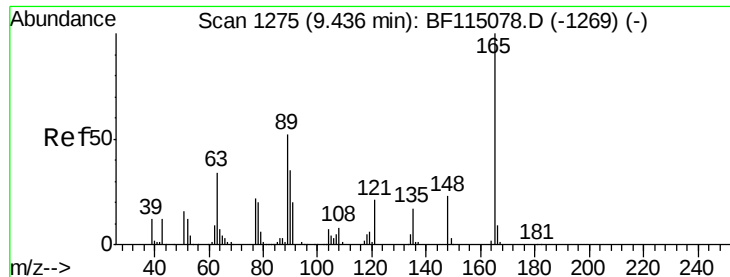
194 4.2 3.2 4.8

164 11.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

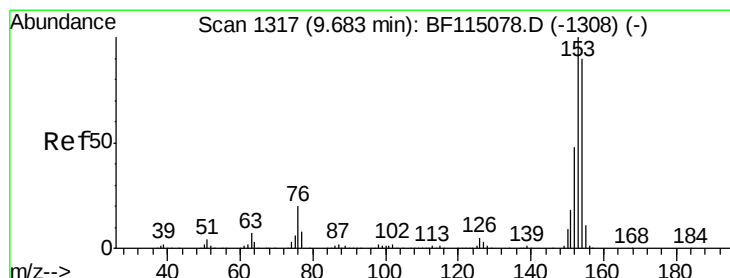
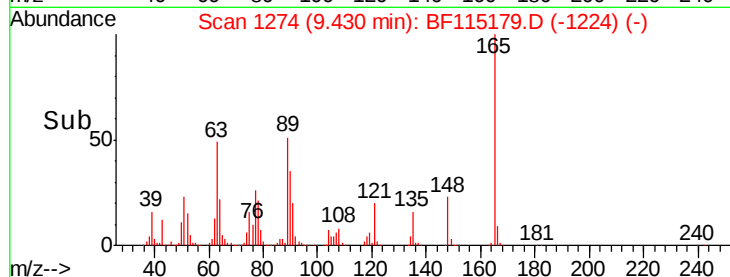
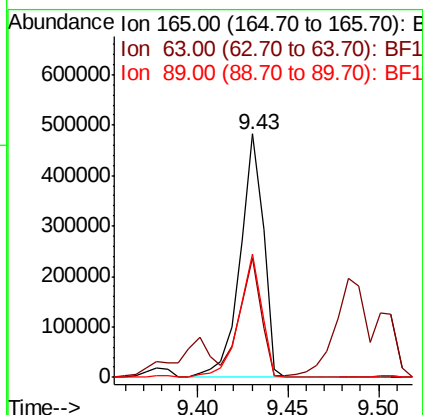
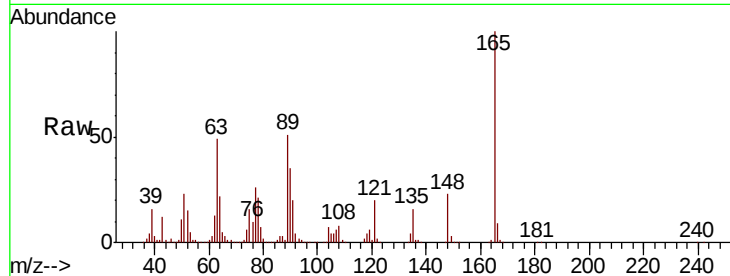




#51
2,6-Dinitrotoluene
Concen: 45.825 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

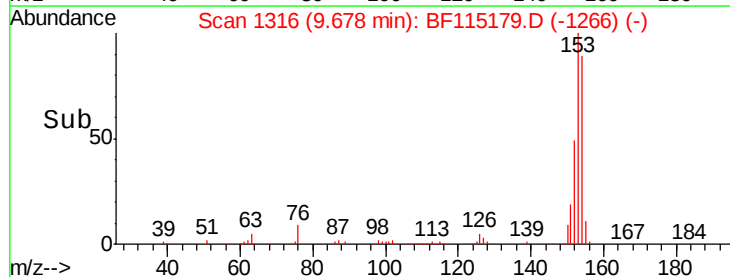
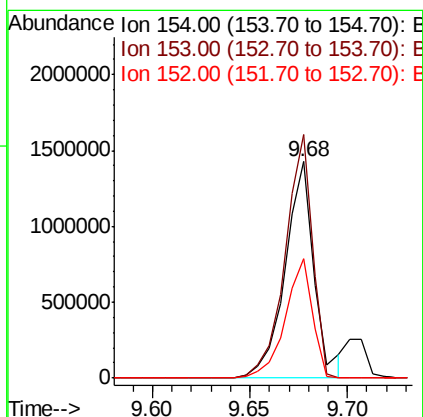
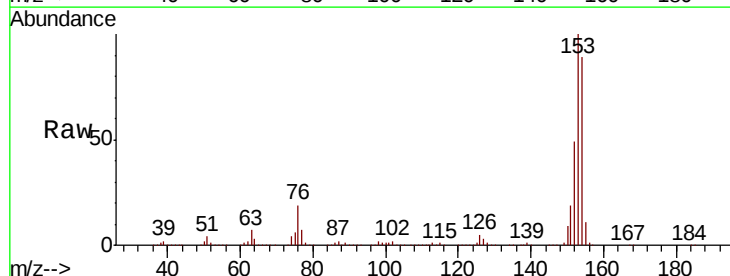
Instrument :
BNA_F
ClientSampleId :
PB120877BSD

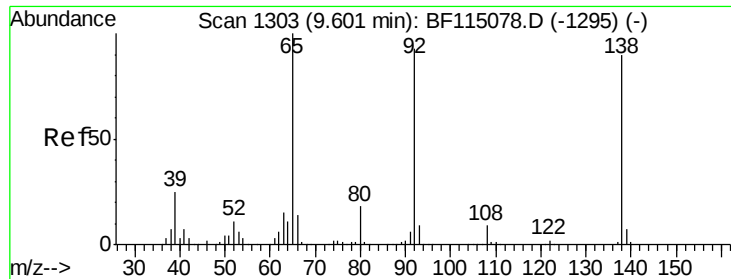
Tgt Ion:165 Resp: 430895
Ion Ratio Lower Upper
165 100
63 49.2 39.4 59.2
89 50.8 42.0 63.0



#52
Acenaphthene
Concen: 41.774 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:154 Resp: 1463339
Ion Ratio Lower Upper
154 100
153 112.5 88.7 133.1
152 55.4 42.6 64.0

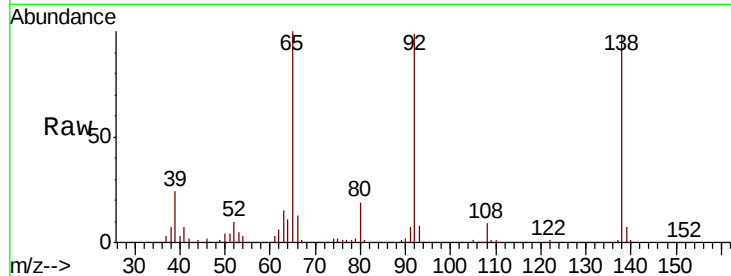




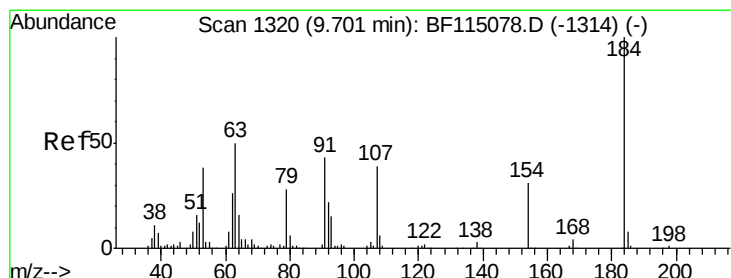
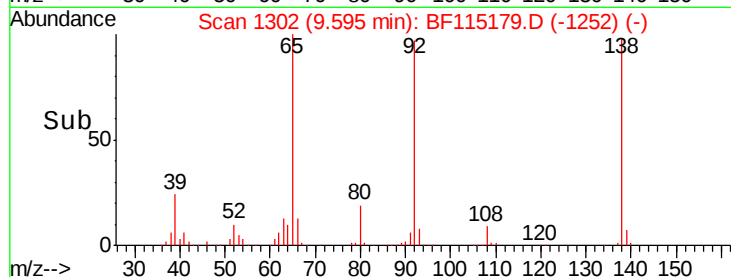
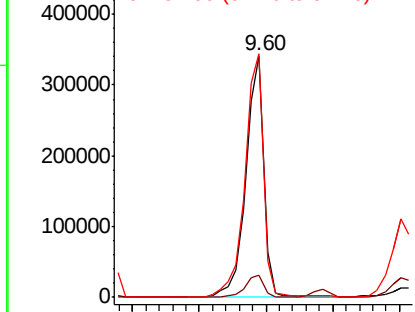
#53
3-Nitroaniline
Concen: 27.266 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion:138 Resp: 312874
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 101.0 82.9 124.3

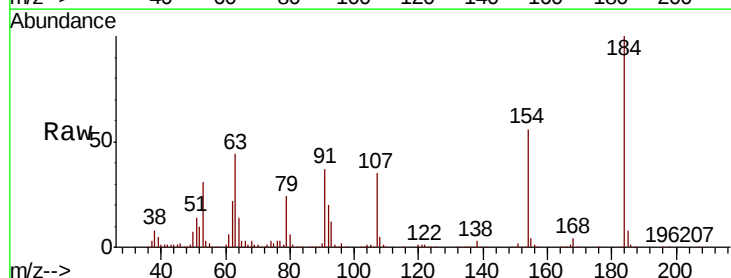


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

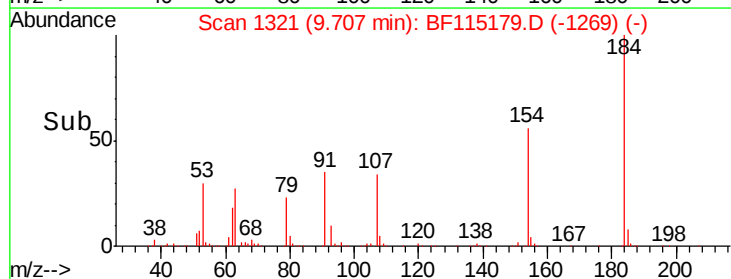
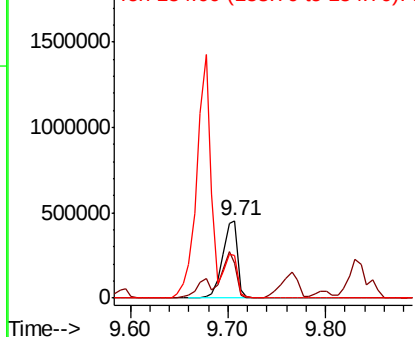


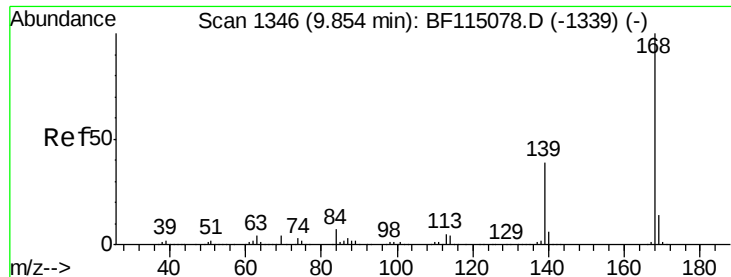
#54
2,4-Dinitrophenol
Concen: 98.631 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:184 Resp: 486335
Ion Ratio Lower Upper
184 100
63 44.2 41.9 62.9
154 55.7 44.7 67.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

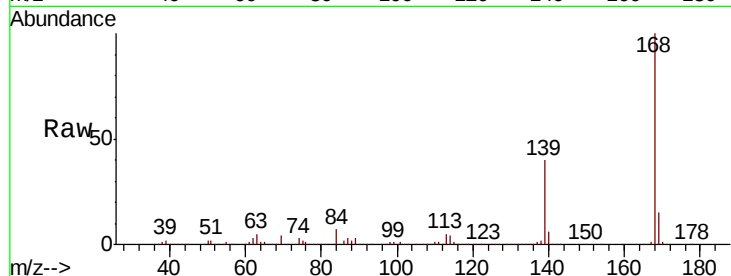




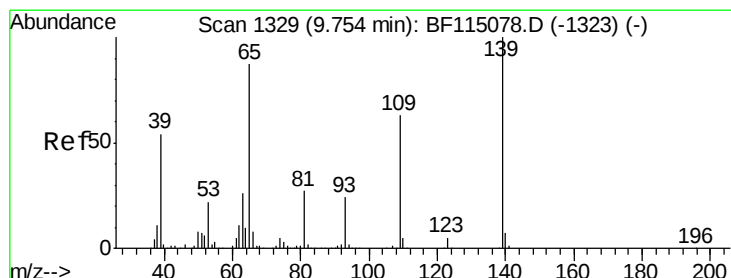
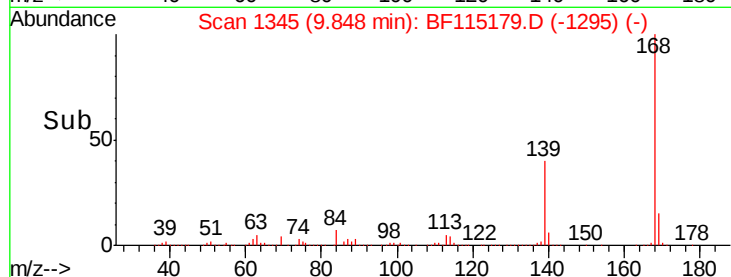
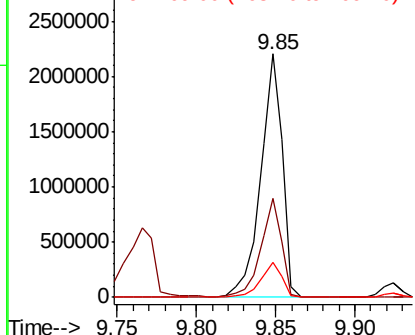
#55
Dibenzofuran
Concen: 41.774 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion:168 Resp: 2100250
Ion Ratio Lower Upper
168 100
139 40.4 31.1 46.7
169 14.5 11.3 16.9

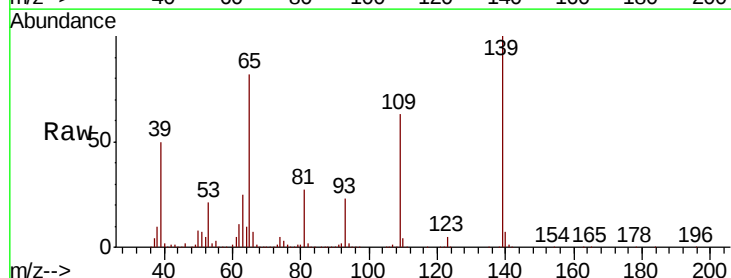


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

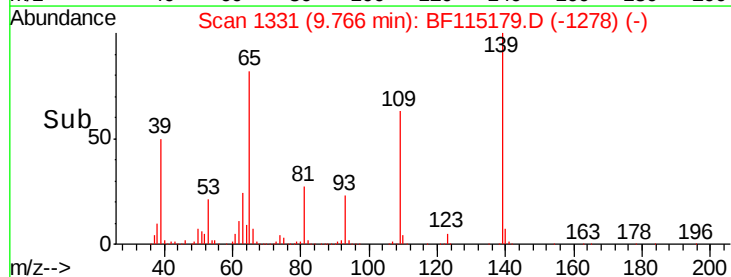
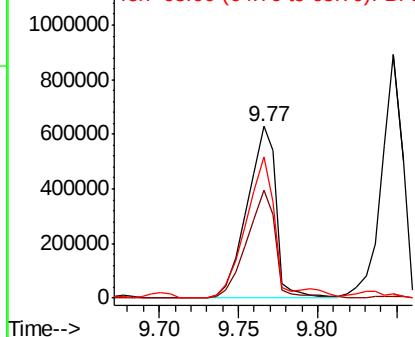


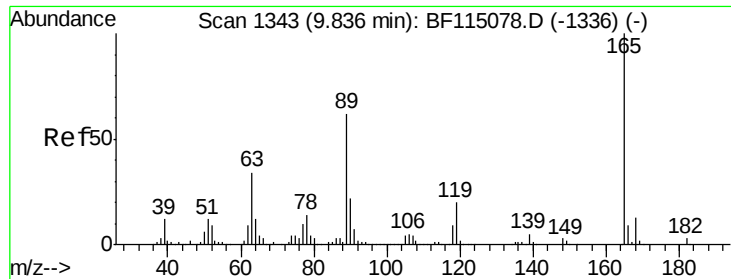
#56
4-Nitrophenol
Concen: 86.919 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:139 Resp: 799592
Ion Ratio Lower Upper
139 100
109 62.6 43.0 83.0
65 82.0 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

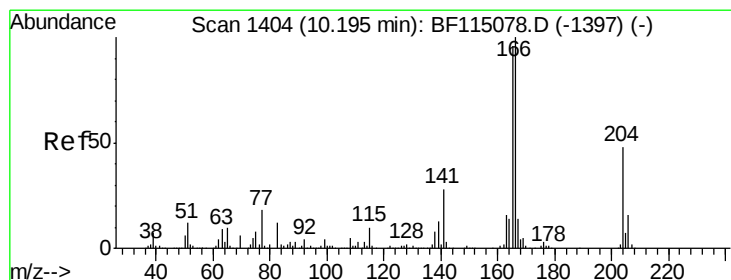
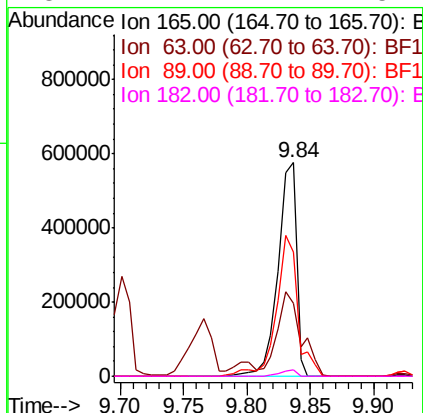
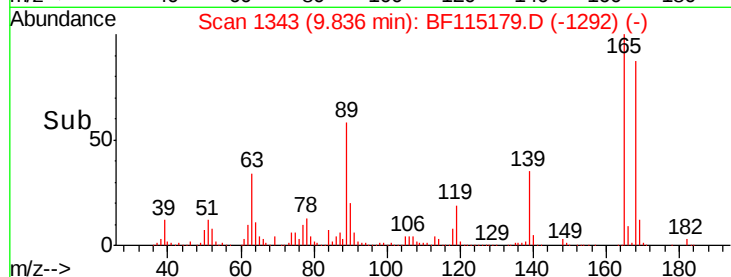
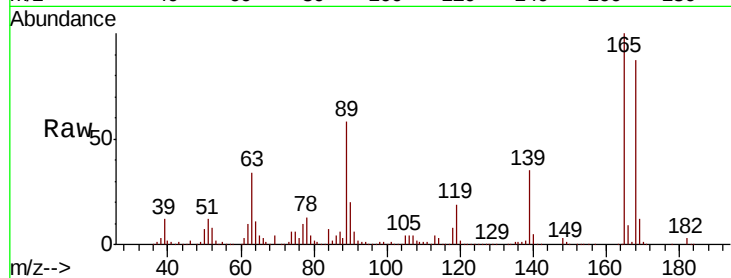




#57
2,4-Dinitrotoluene
Concen: 47.565 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

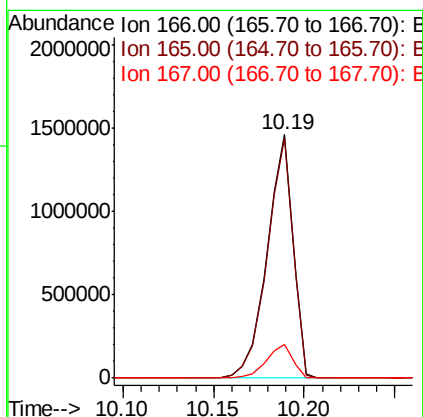
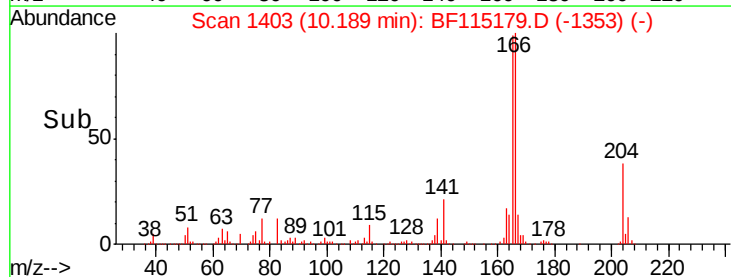
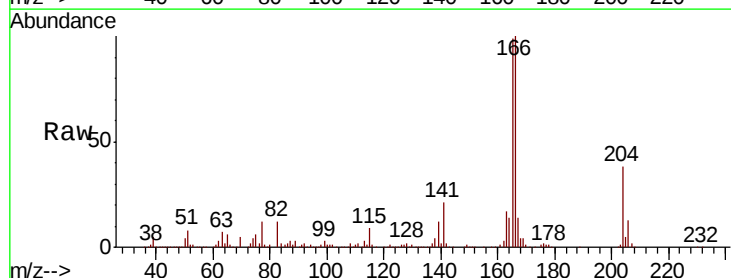
Instrument :
BNA_F
ClientSampleId :
PB120877BSD

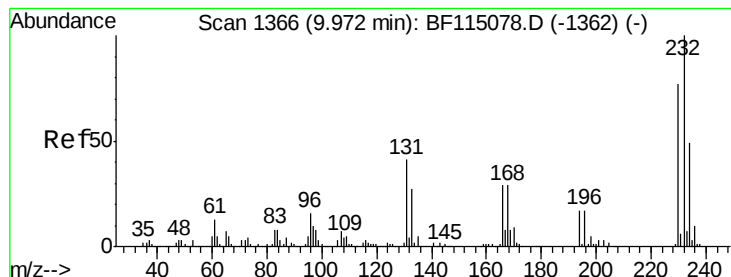
Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.4	27.5	41.3
89	58.2	49.9	74.9
182	2.7	2.1	3.1



#58
Fluorene
Concen: 43.083 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.5	114.7
167	13.8	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.165 ng

RT: 9.97 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tgt Ion:232 Resp: 512737

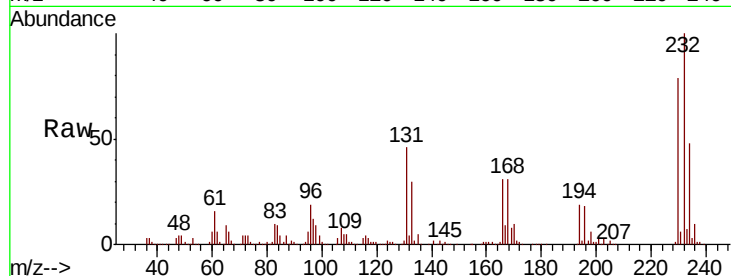
Ion Ratio Lower Upper

232 100

131 43.9 37.4 56.0

130 2.2 1.8 2.6

166 29.1 24.6 36.8

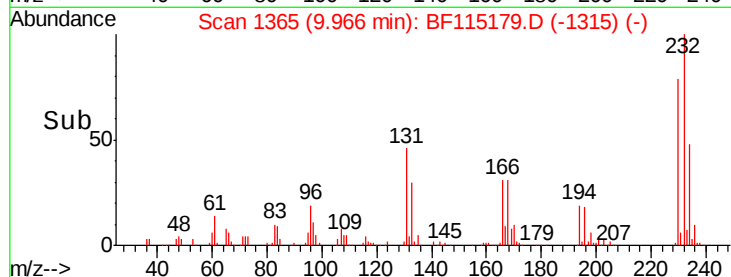


Abundance Ion 232.00 (231.70 to 232.70): E

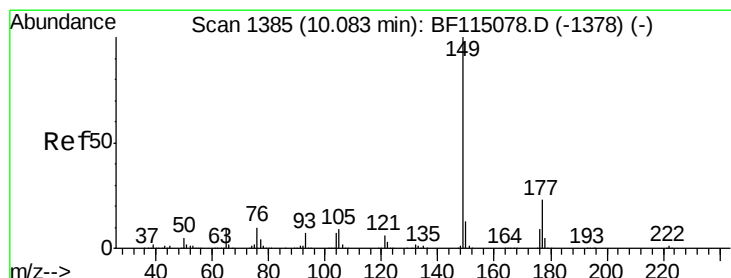
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 42.737 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

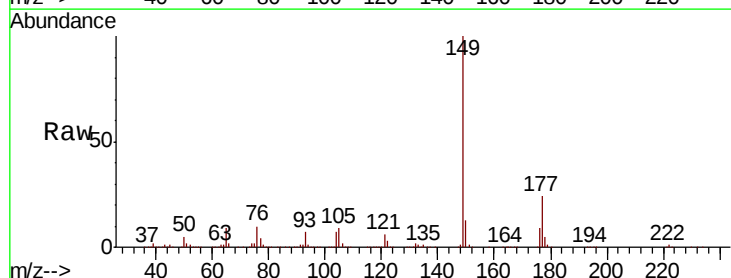
Tgt Ion:149 Resp: 1749696

Ion Ratio Lower Upper

149 100

177 23.7 18.7 28.1

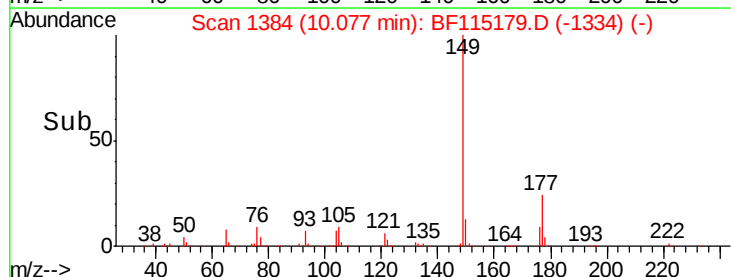
150 13.3 10.4 15.6



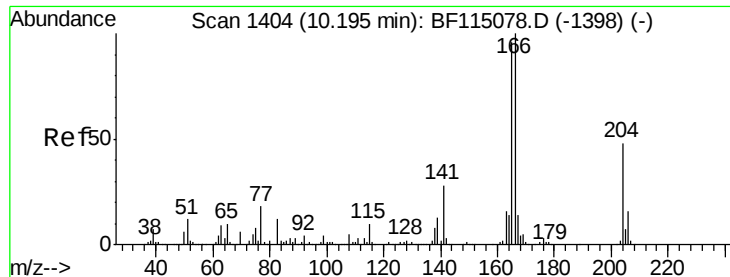
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



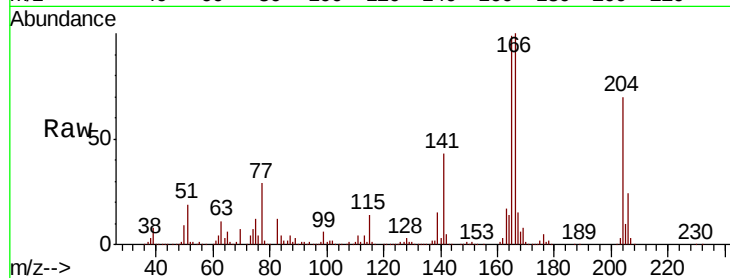
Time-->



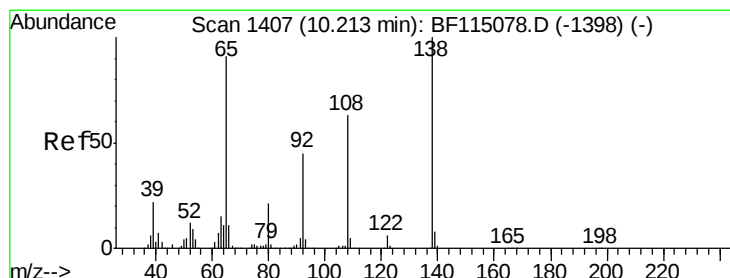
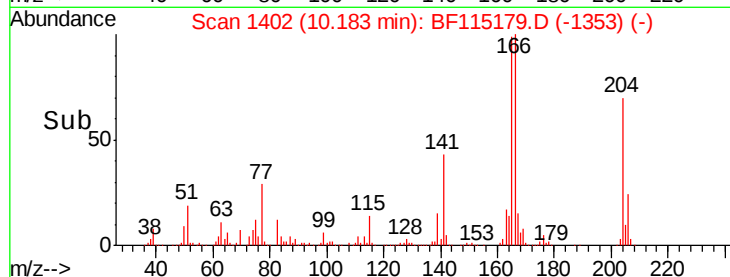
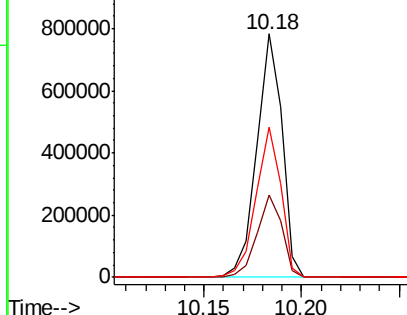
#61
4-Chlorophenyl-phenylether
Concen: 44.258 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tgt Ion:204 Resp: 705810
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 61.8 46.7 70.1

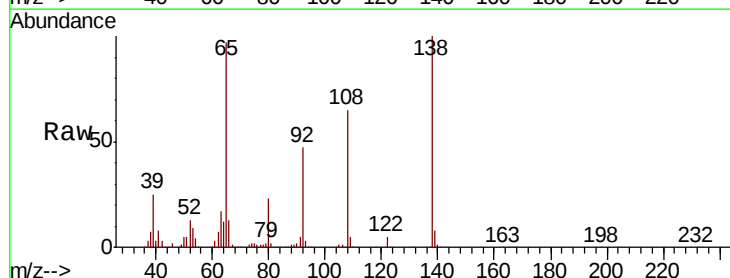


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

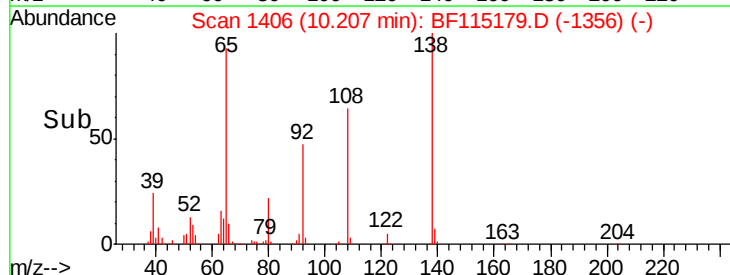
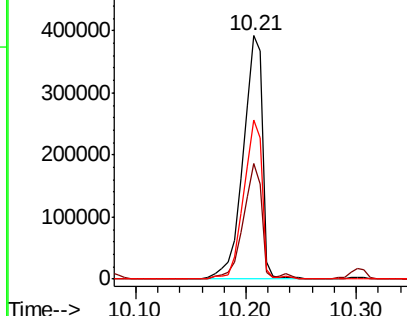


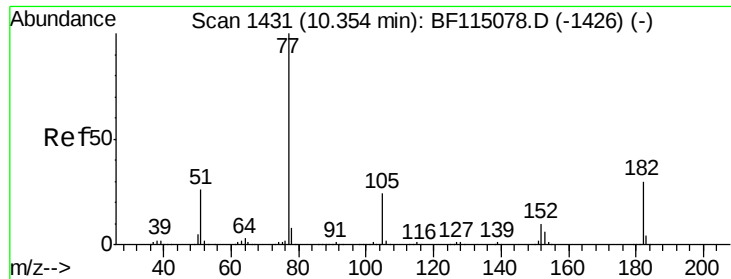
#62
4-Nitroaniline
Concen: 42.083 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:138 Resp: 484438
Ion Ratio Lower Upper
138 100
92 47.3 24.8 64.8
108 65.1 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E



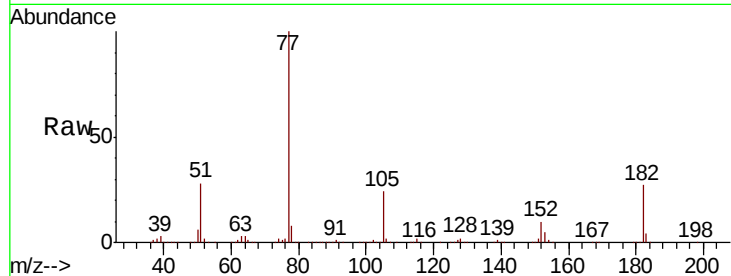


#63
 Azobenzene
 Concen: 42.326 ng
 RT: 10.34 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tgt Ion: 77 Resp: 1618563

Ion	Ratio	Lower	Upper
77	100		
182	27.3	10.1	50.1
105	24.1	4.5	44.5
51	27.8	6.4	46.4



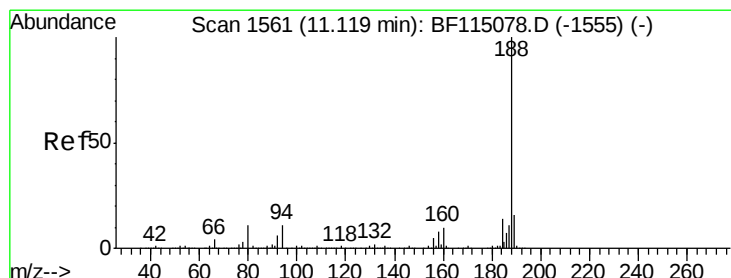
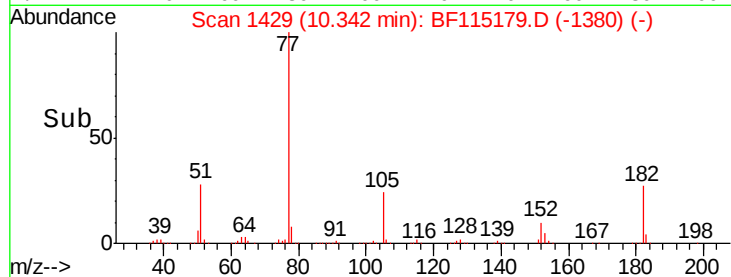
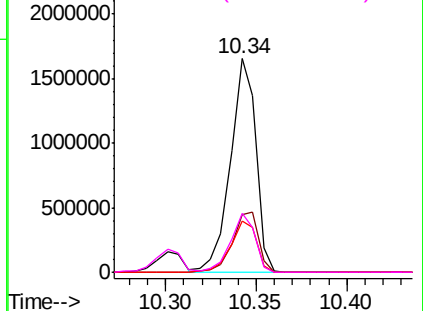
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

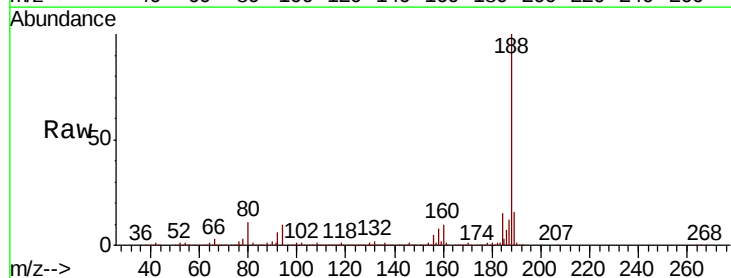
Ion 51.00 (50.70 to 51.70): BF1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion: 188 Resp: 1083224

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	12.8
80	10.9	8.8	13.2

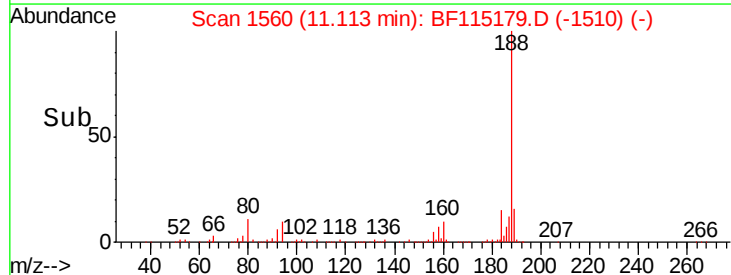
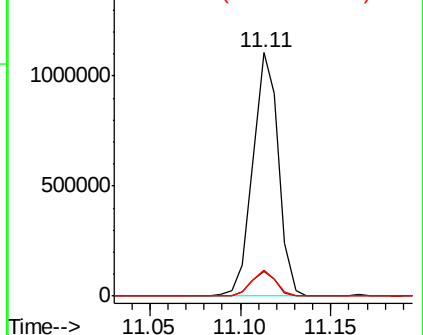


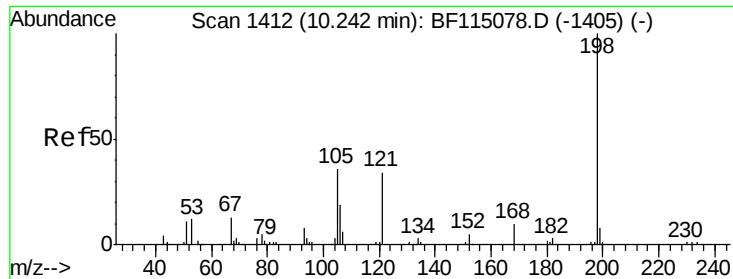
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 49.386 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

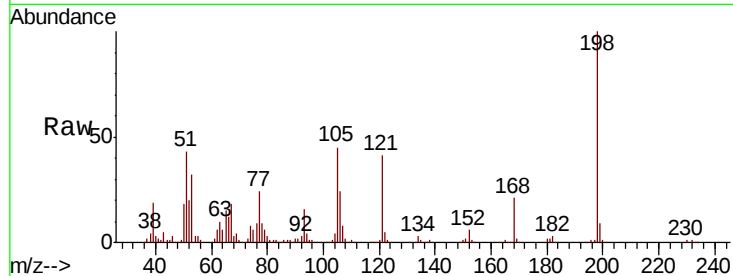
Tgt Ion:198 Resp: 285562

Ion Ratio Lower Upper

198 100

51 42.8 11.0 51.0

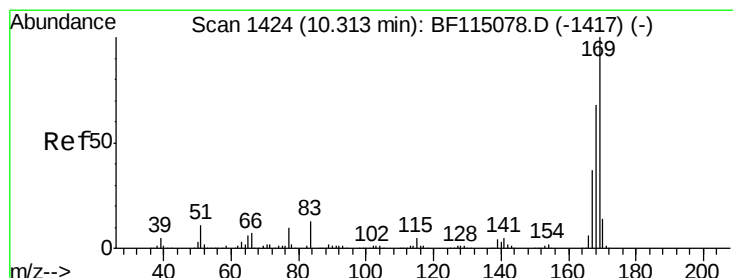
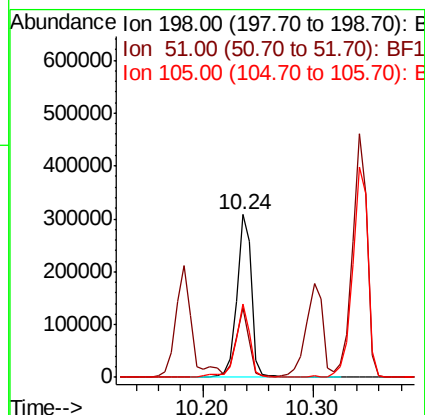
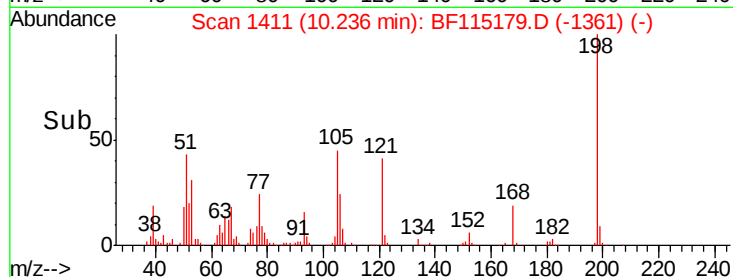
105 45.4 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.936 ng

RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

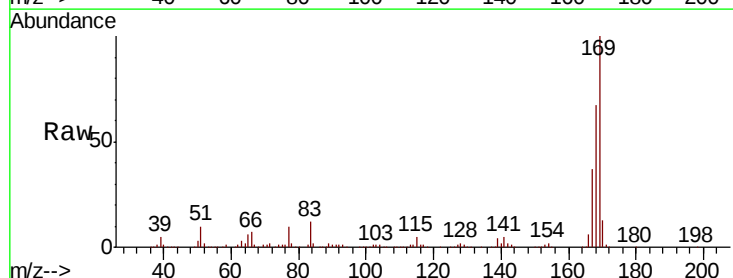
Tgt Ion:169 Resp: 1482743

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.4

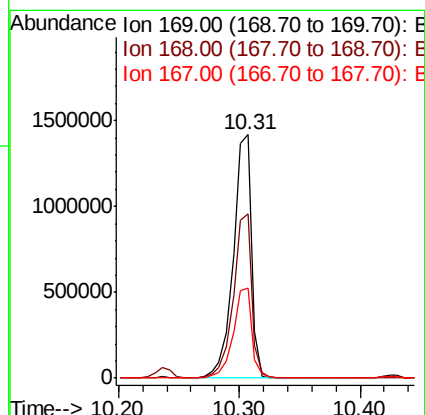
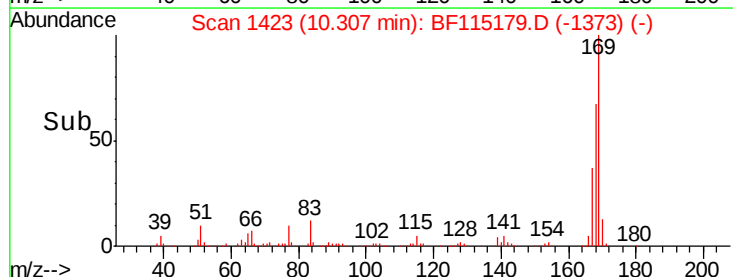
167 37.2 29.4 44.0

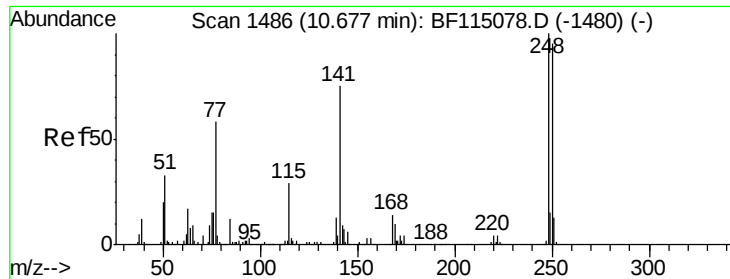


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

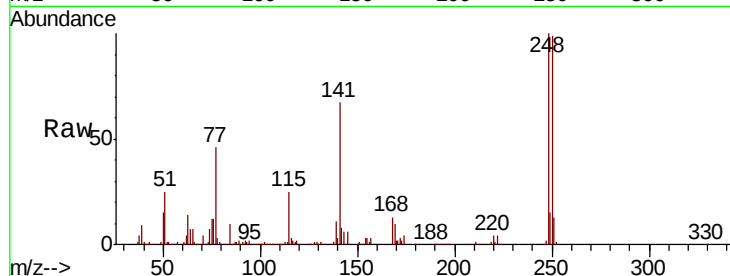




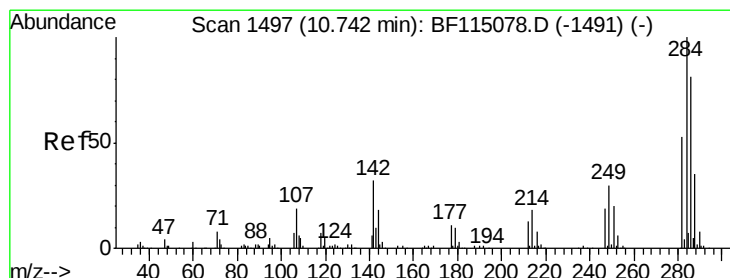
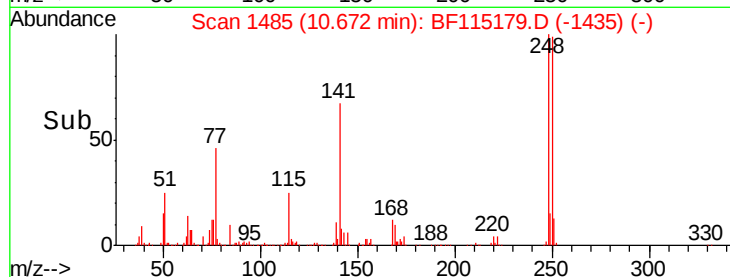
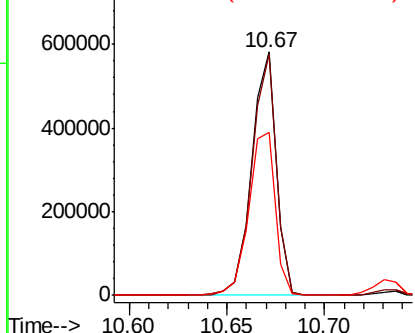
#67
 4-Bromophenyl-phenylether
 Concen: 43.253 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tgt Ion:	248	Resp:	507976
Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.2	114.2
141	67.1	59.6	89.4

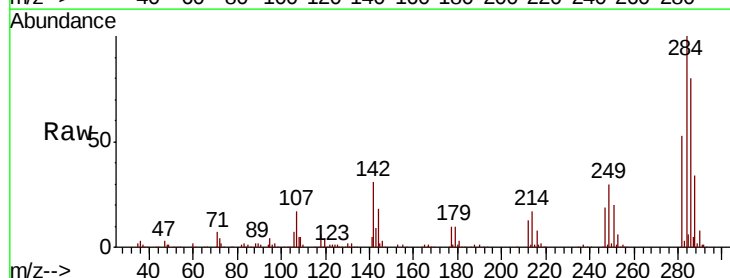


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

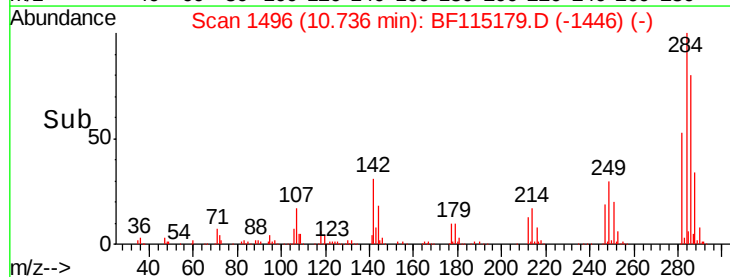
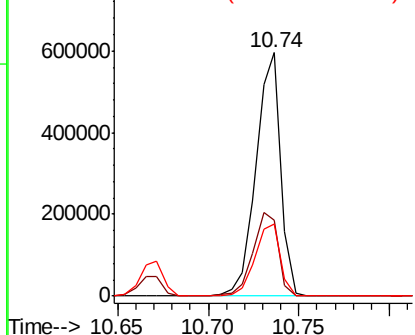


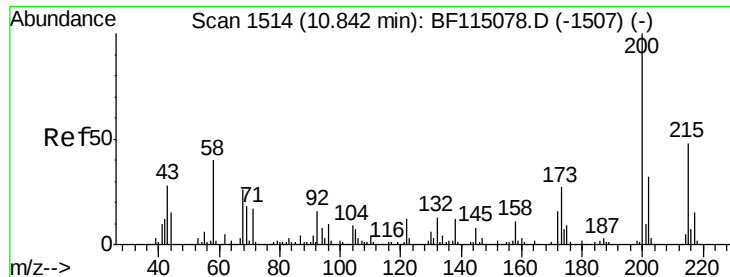
#68
 Hexachlorobenzene
 Concen: 43.961 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion:	284	Resp:	560409
Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.8	38.8
249	29.8	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

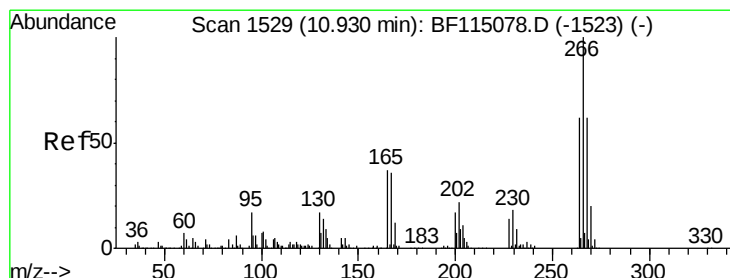
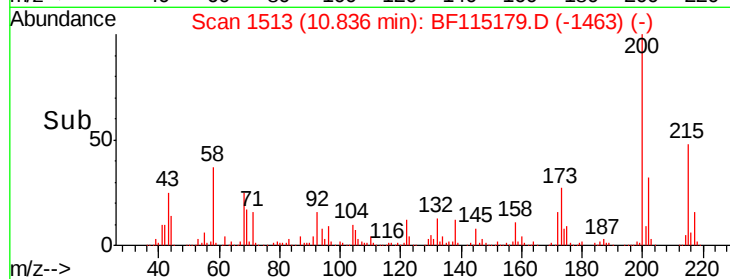
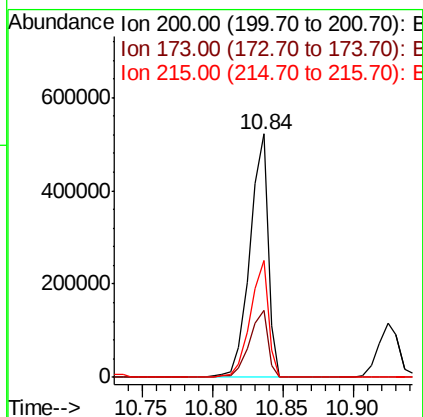
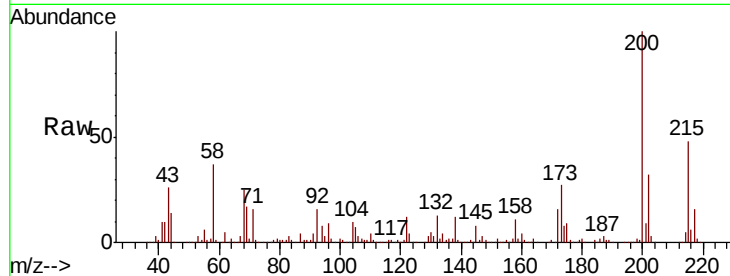




#69
 Atrazine
 Concen: 43.755 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

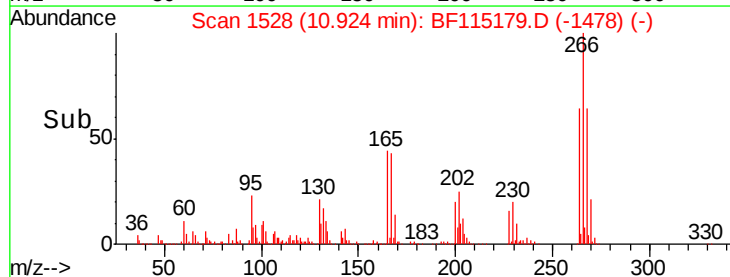
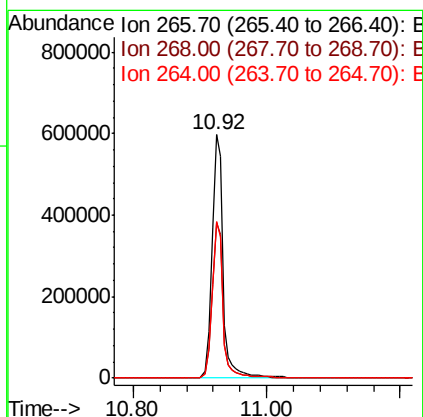
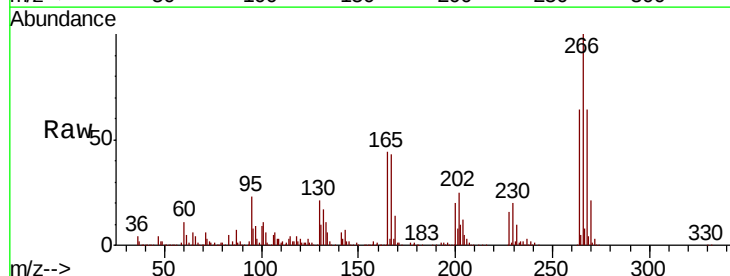
Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

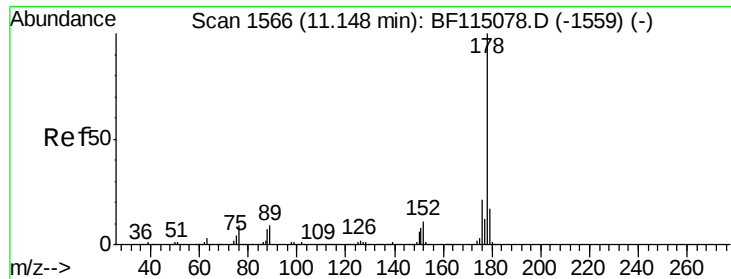
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	47.8	27.8	67.8



#70
 Pentachlorophenol
 Concen: 85.987 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.5	74.3
264	64.4	49.3	73.9





#71

Phenanthrene

Concen: 40.209 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

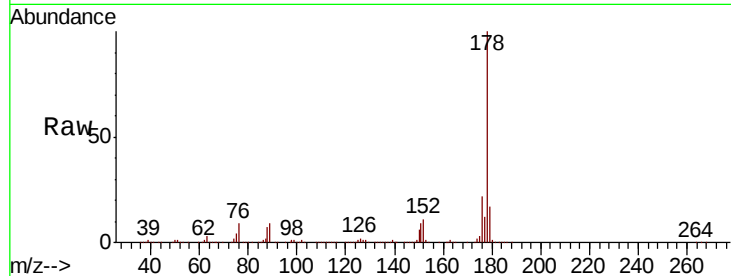
Tgt Ion:178 Resp: 2345101

Ion Ratio Lower Upper

178 100

176 21.6 16.9 25.3

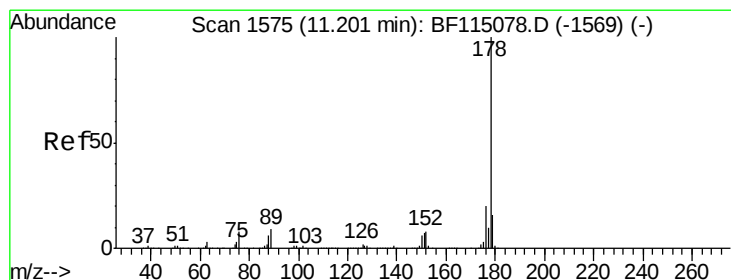
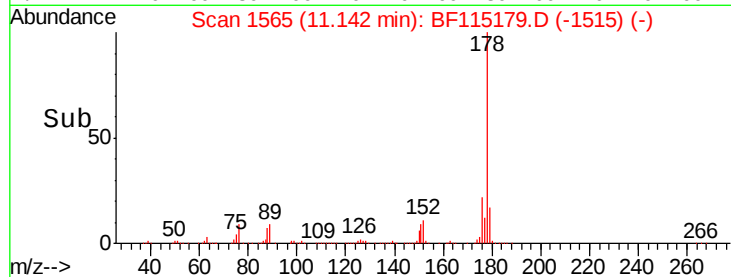
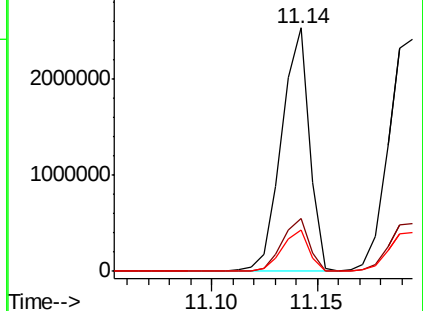
179 16.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.732 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

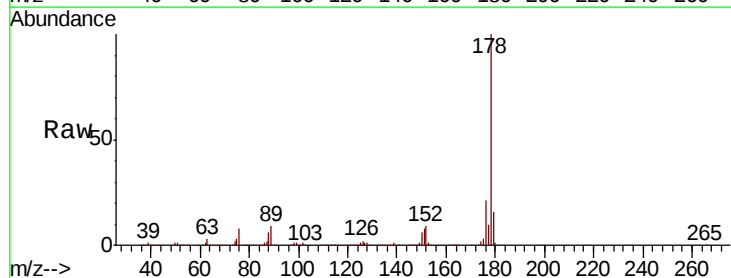
Tgt Ion:178 Resp: 2456884

Ion Ratio Lower Upper

178 100

176 20.6 16.1 24.1

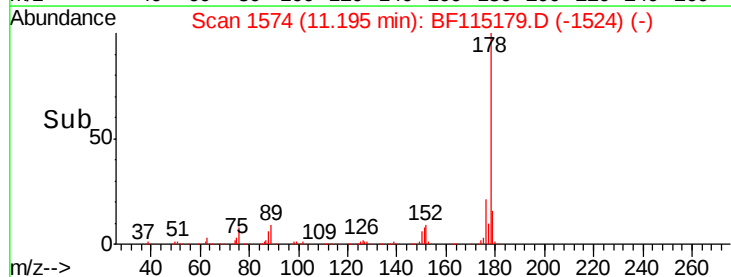
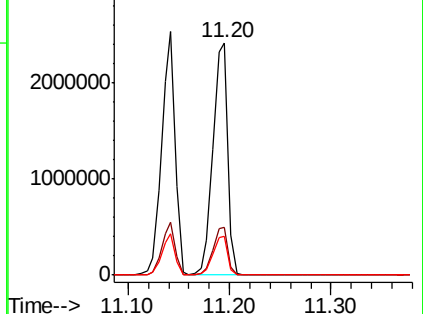
179 16.4 12.9 19.3

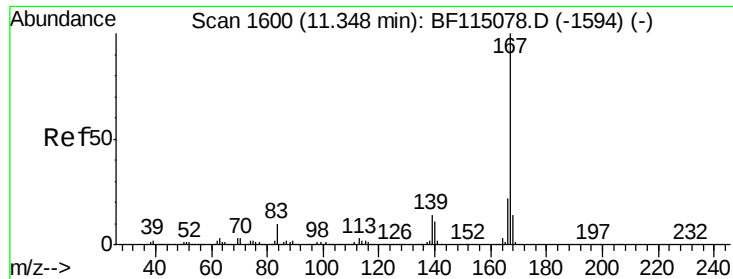


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

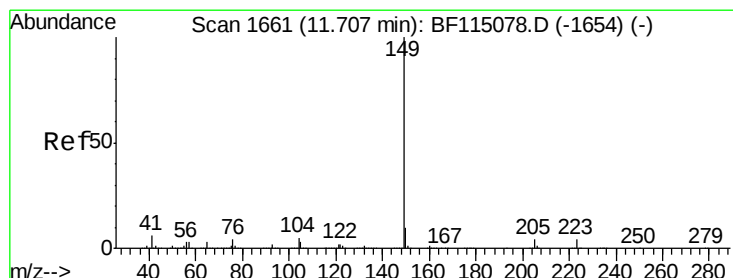
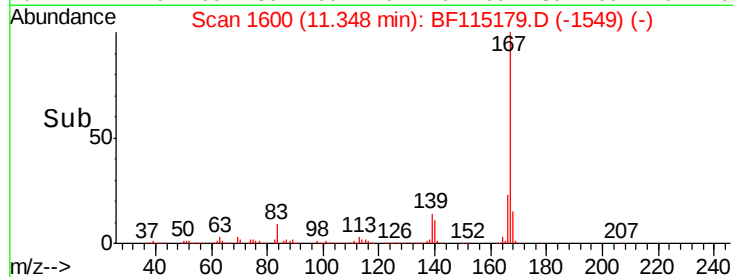
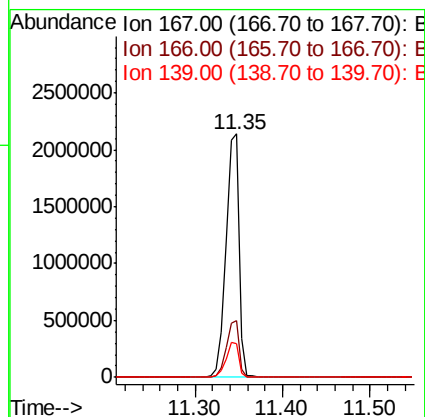
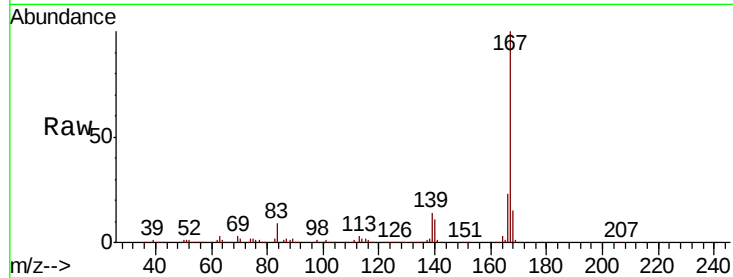




#73
 Carbazole
 Concen: 42.515 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

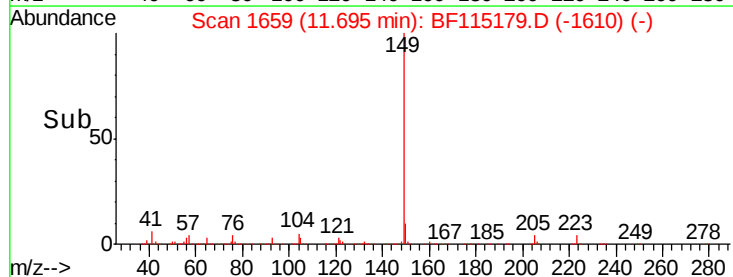
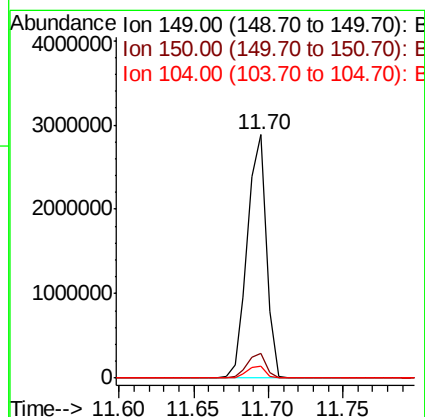
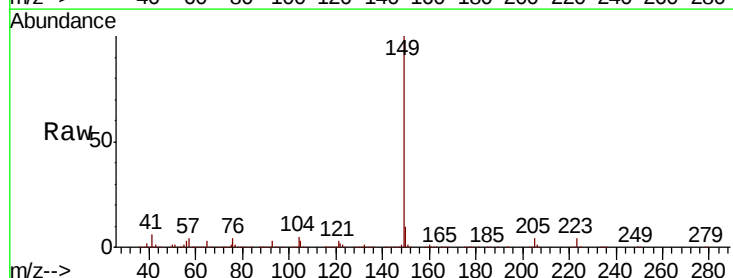
Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

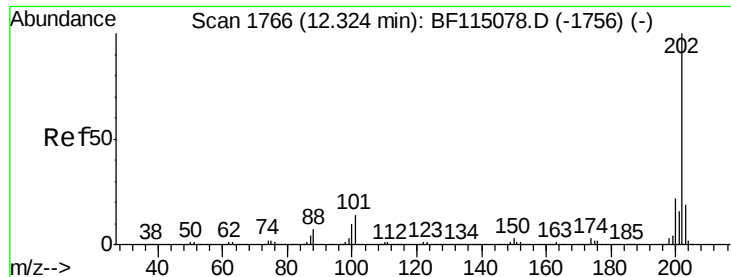
Tgt Ion:167 Resp: 2235029
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 42.089 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion:149 Resp: 2556877
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.8 11.8
 104 5.0 3.7 5.5





#75

Fluoranthene

Concen: 42.774 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

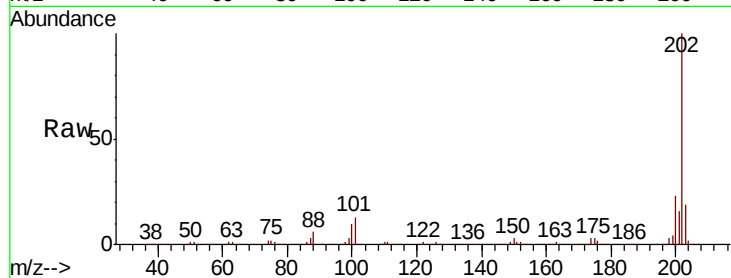
Tgt Ion: 202 Resp: 2489073

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.0

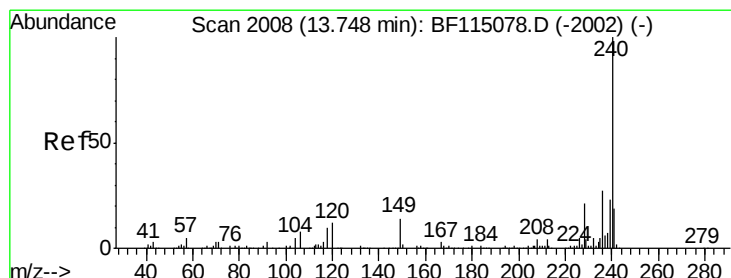
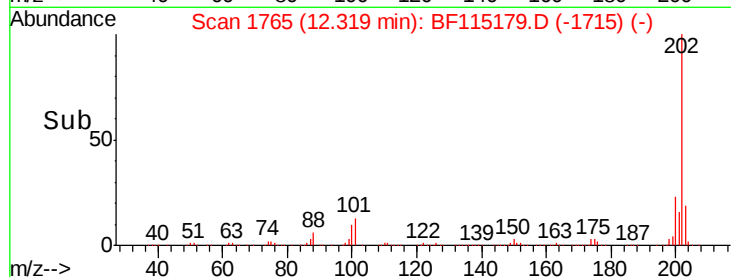
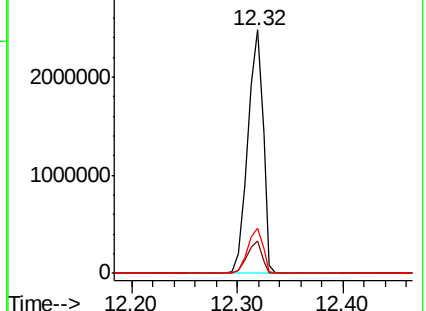
203 18.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

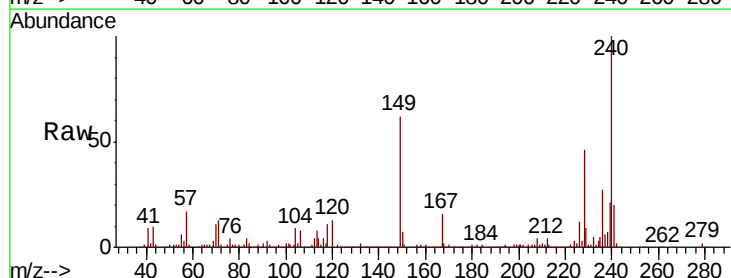
Tgt Ion: 240 Resp: 735544

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

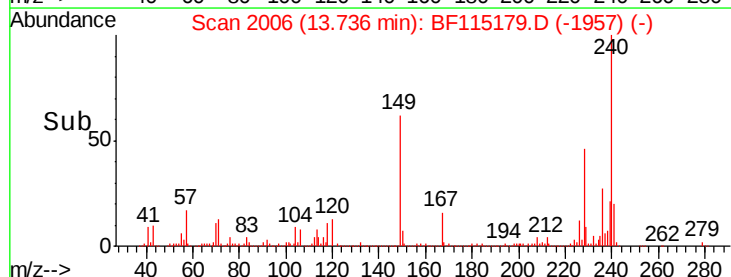
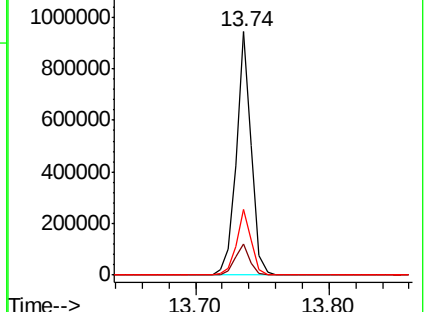
236 27.2 21.7 32.5

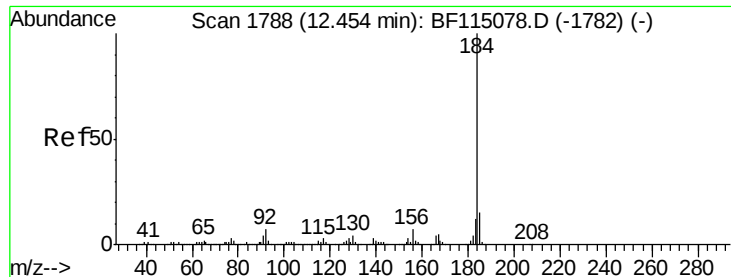


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.474 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

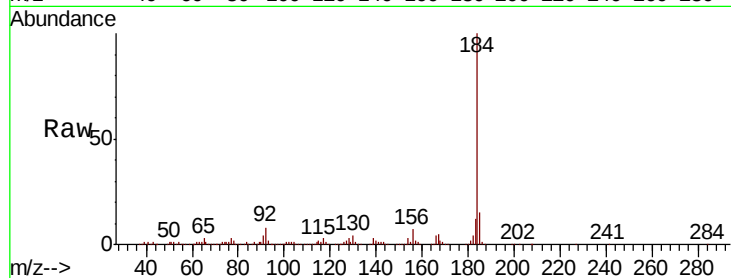
Tgt Ion:184 Resp: 864685

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

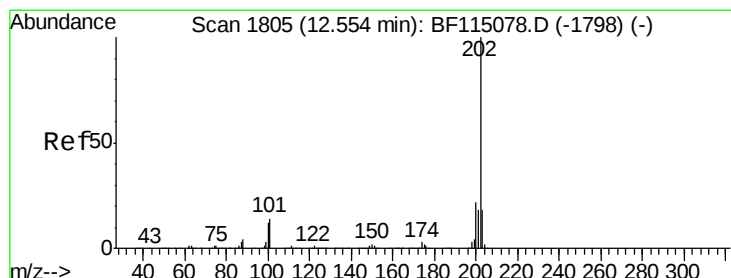
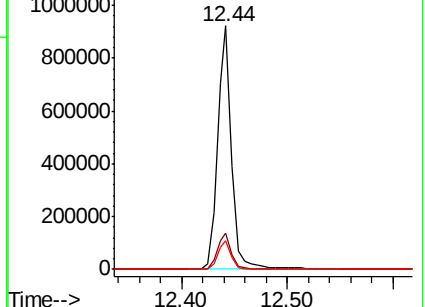
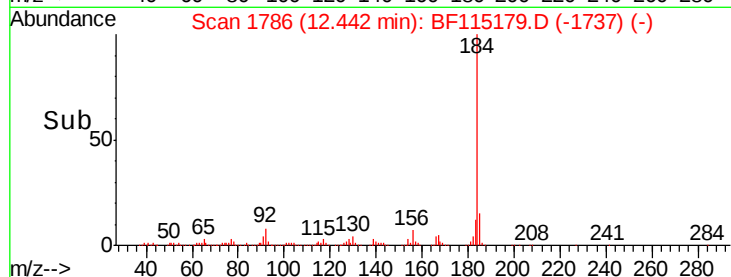
183 11.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.306 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

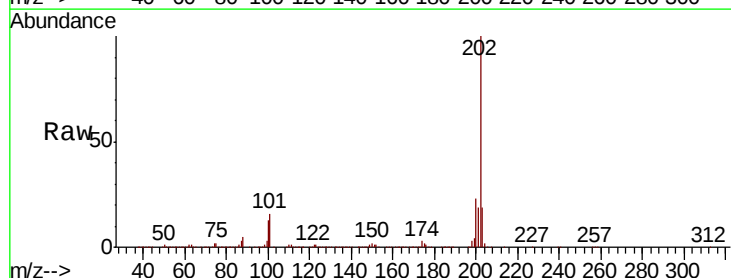
Tgt Ion:202 Resp: 2504478

Ion Ratio Lower Upper

202 100

200 23.4 17.9 26.9

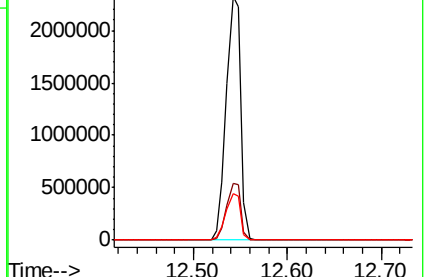
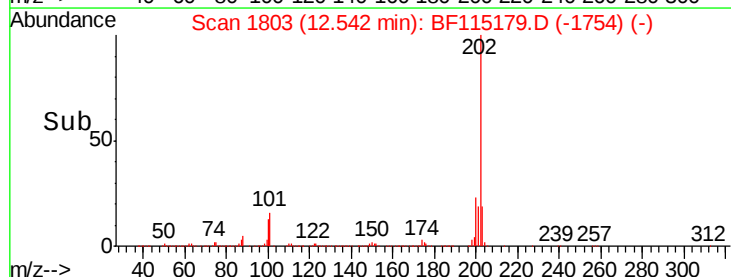
203 19.3 14.6 21.8

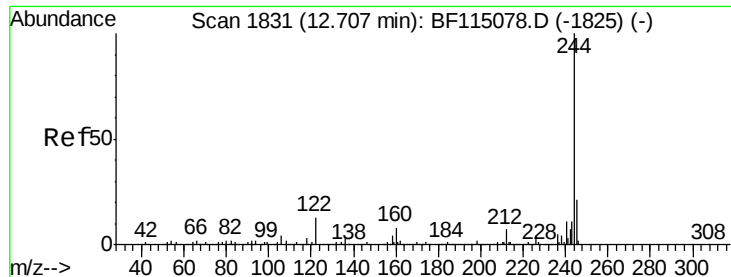


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.151 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

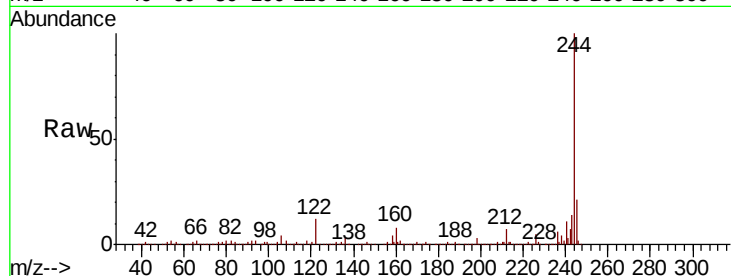
BNA_F

ClientSampleId :

PB120877BSD

Tgt Ion:244 Resp: 3015000

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	11.7	10.4	15.6

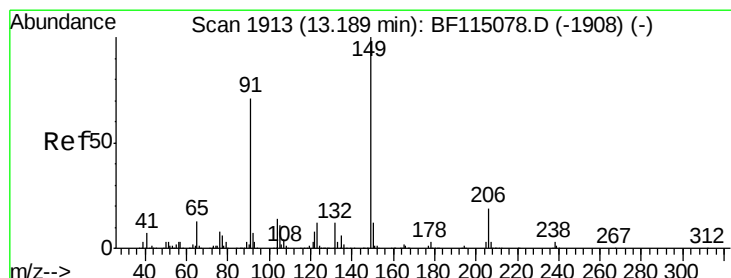
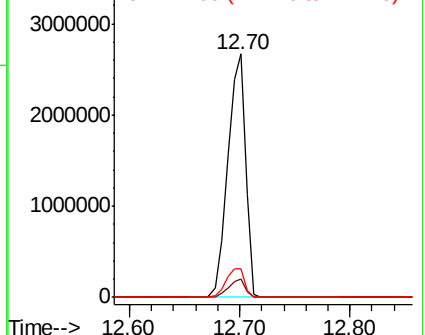
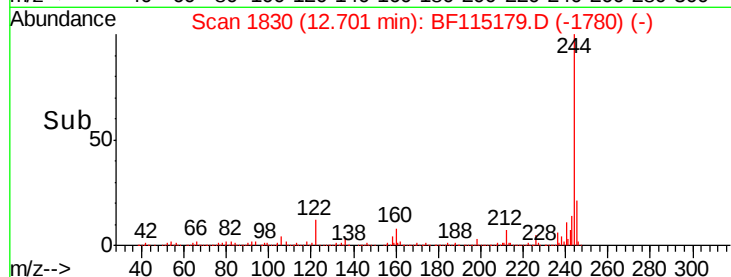


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.283 ng

RT: 13.18 min Scan# 1911

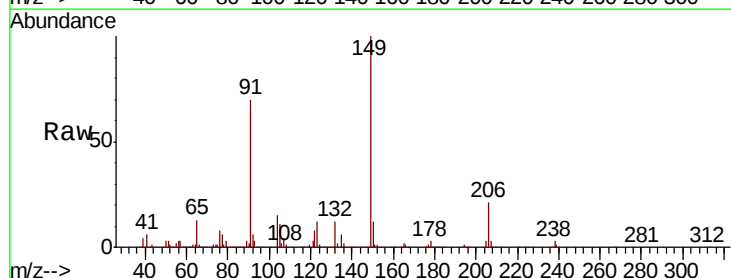
Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:149 Resp: 1179524

Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.5	84.7
206	20.5	15.3	22.9

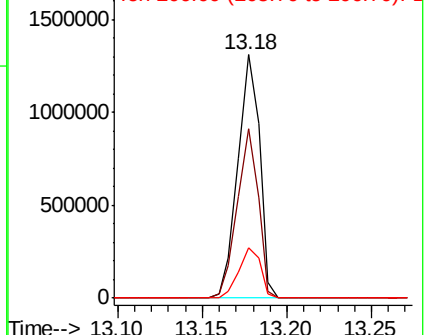
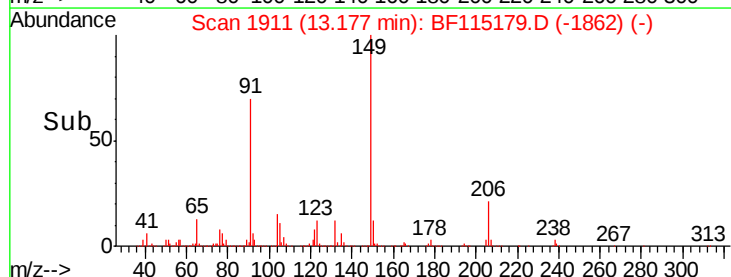


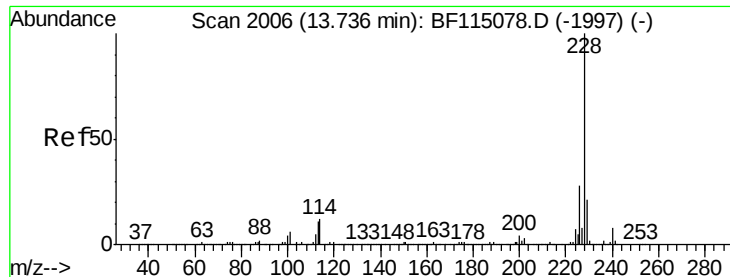
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

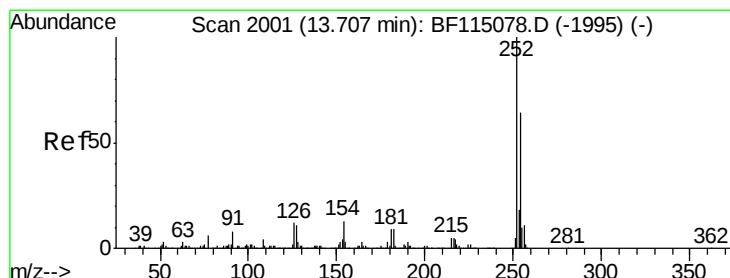
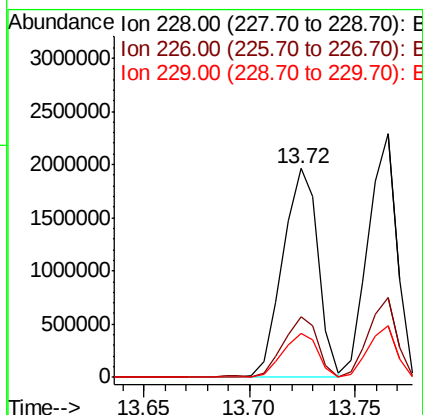
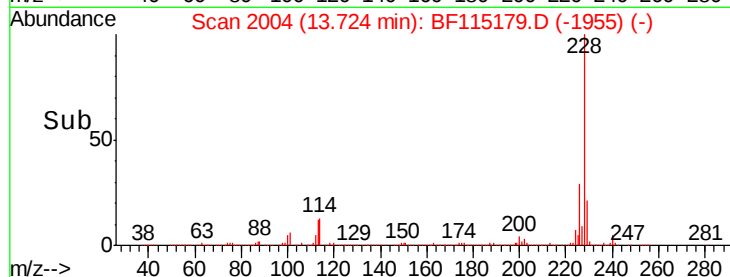
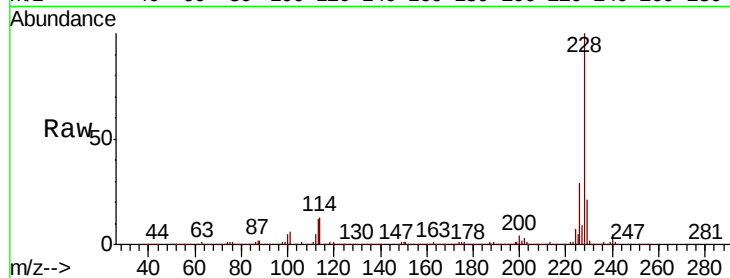




#81
Benzo(a)anthracene
Concen: 43.299 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

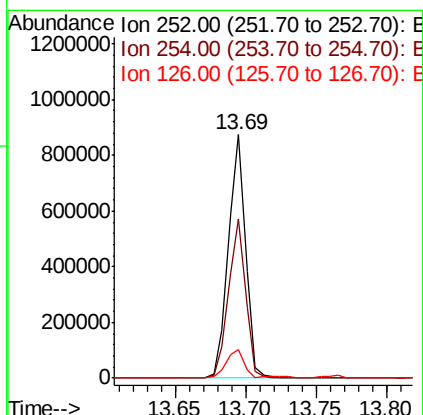
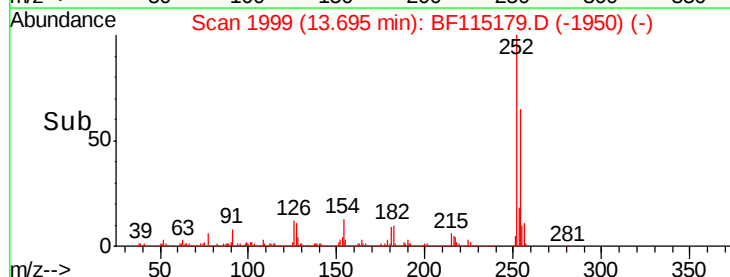
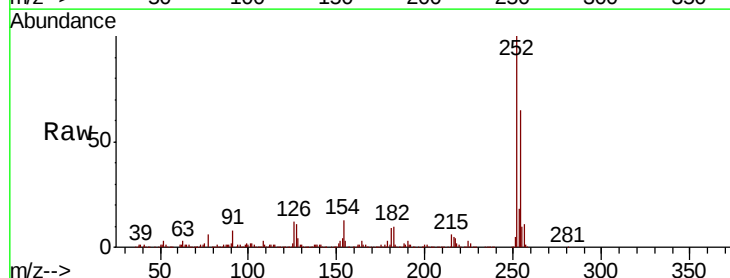
Instrument :
BNA_F
ClientSampleId :
PB120877BSD

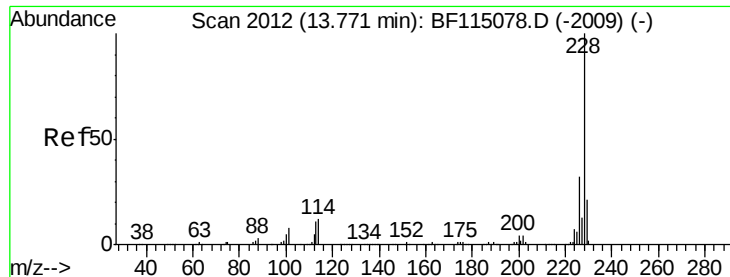
Tgt Ion:228 Resp: 2285204
Ion Ratio Lower Upper
228 100
226 28.8 22.5 33.7
229 20.9 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 38.940 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:252 Resp: 742157
Ion Ratio Lower Upper
252 100
254 65.4 51.1 76.7
126 11.7 9.4 14.0





#83

Chrysene

Concen: 45.177 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

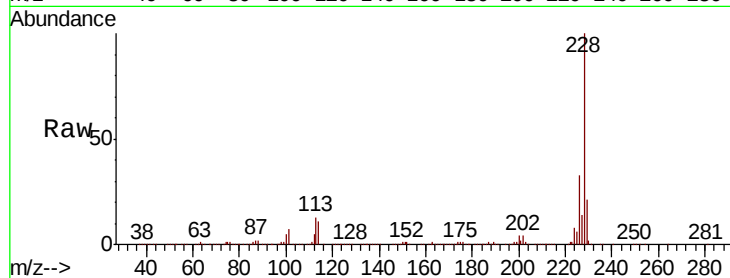
Tgt Ion:228 Resp: 2184102

Ion Ratio Lower Upper

228 100

226 32.6 25.4 38.0

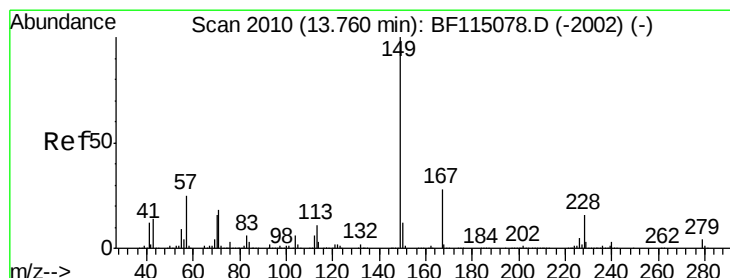
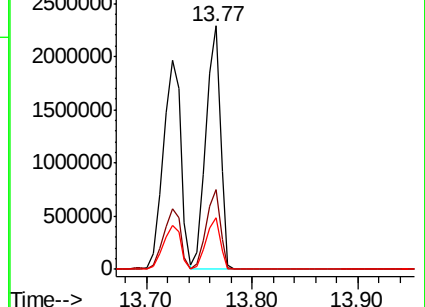
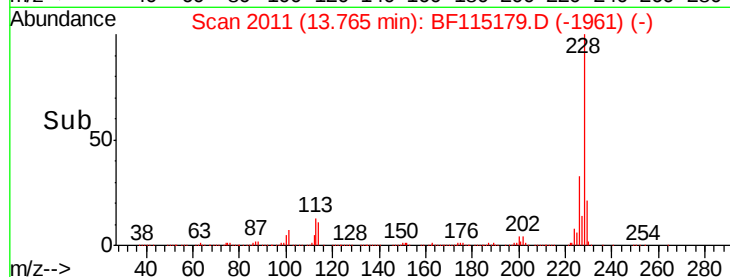
229 21.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.169 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

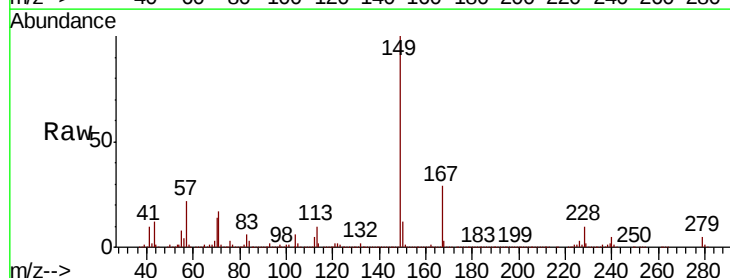
Tgt Ion:149 Resp: 1509134

Ion Ratio Lower Upper

149 100

167 29.5 22.2 33.4

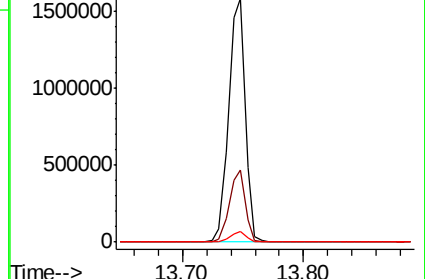
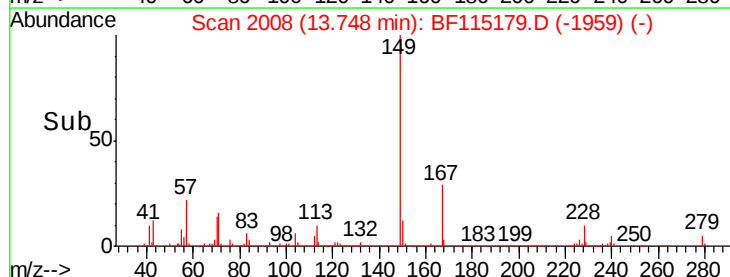
279 4.5 2.9 4.3#

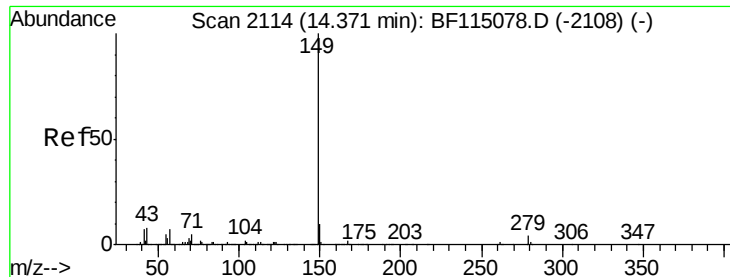


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.151 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

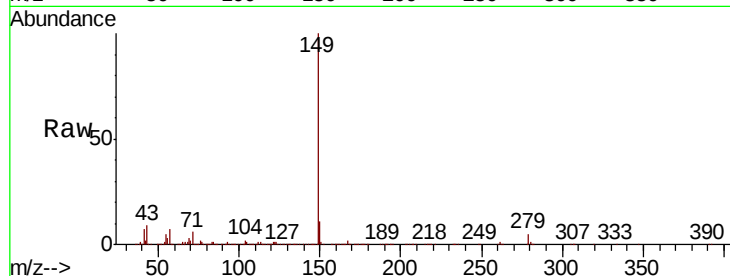
Tgt Ion:149 Resp: 2589522

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

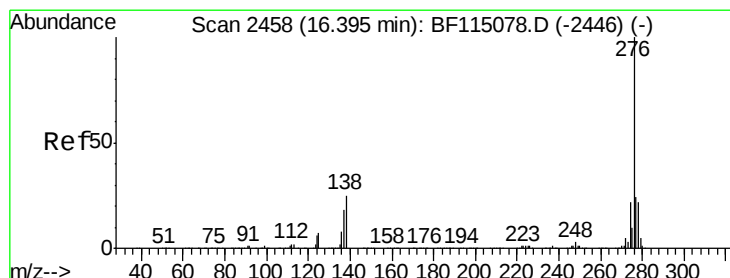
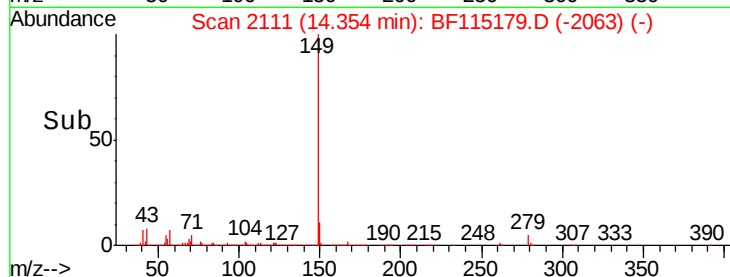
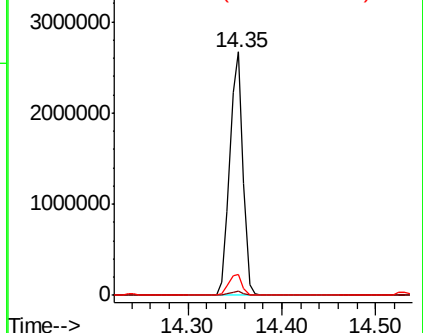
43 8.7 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.006 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

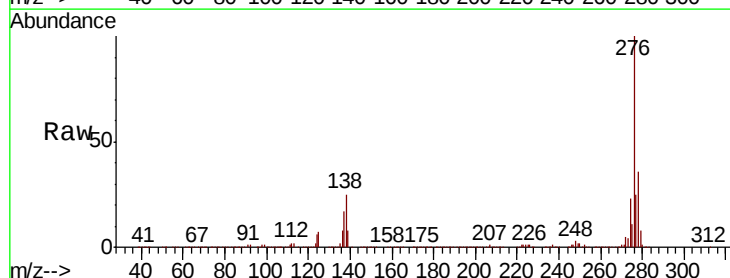
Tgt Ion:276 Resp: 2631896

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

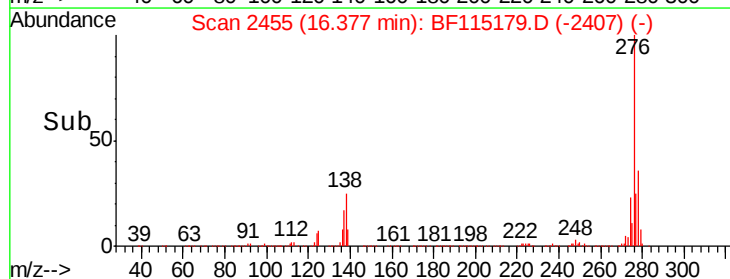
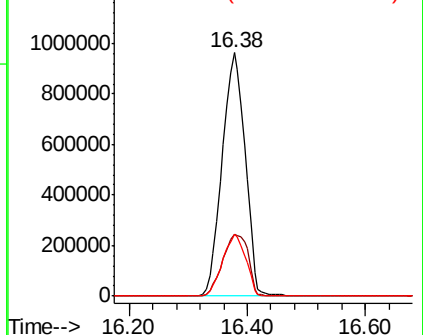
277 25.6 20.1 30.1

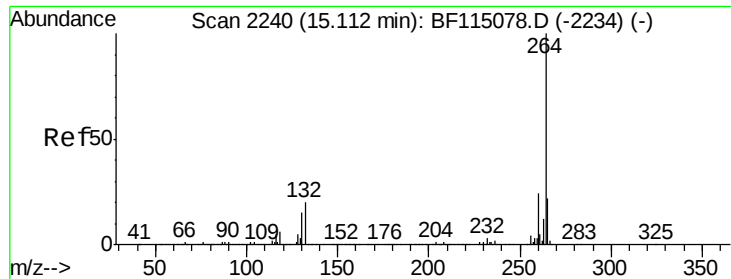


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

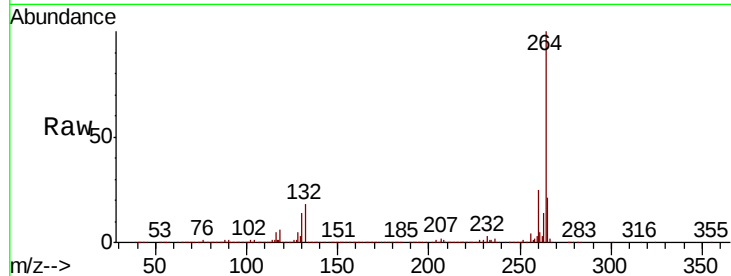
Tgt Ion:264 Resp: 794813

Ion Ratio Lower Upper

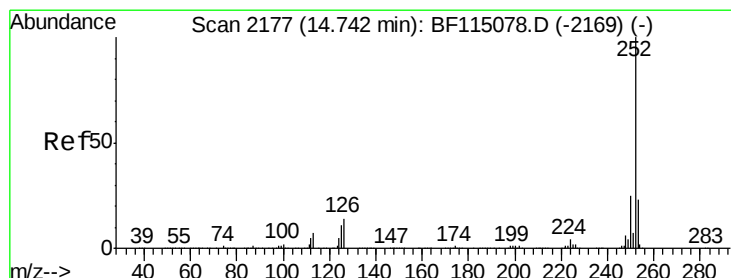
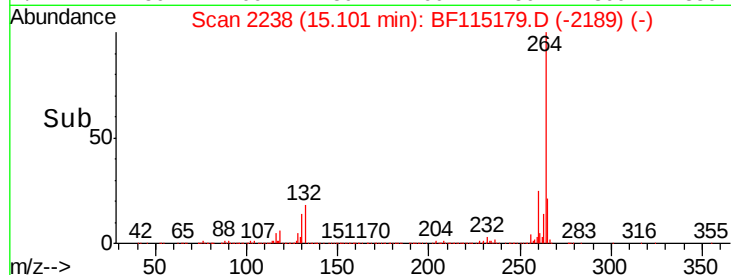
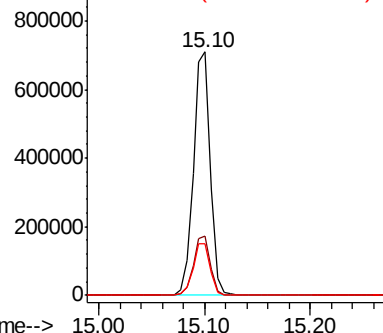
264 100

260 24.6 19.6 29.4

265 21.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.310 ng

RT: 14.73 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

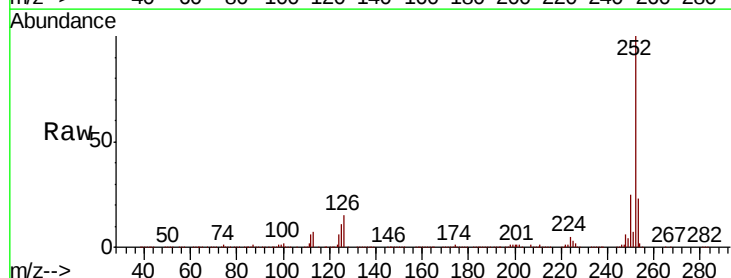
Tgt Ion:252 Resp: 2594248

Ion Ratio Lower Upper

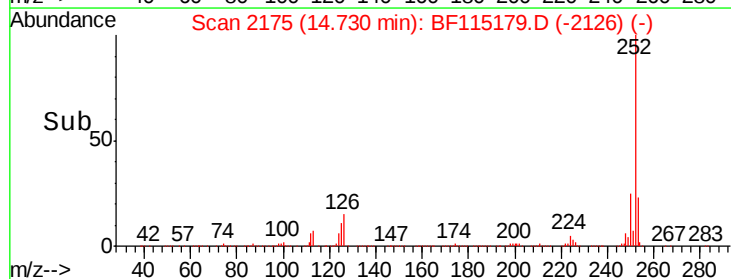
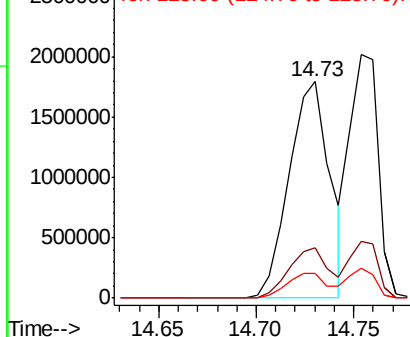
252 100

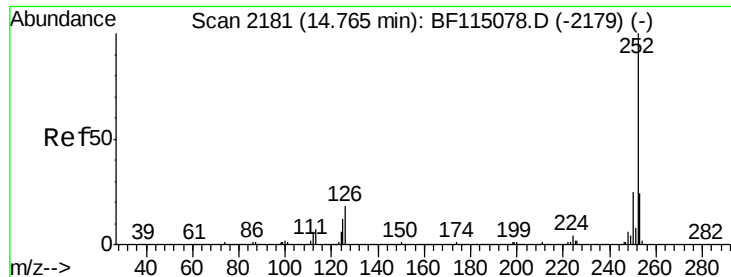
253 23.2 18.1 27.1

125 11.2 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

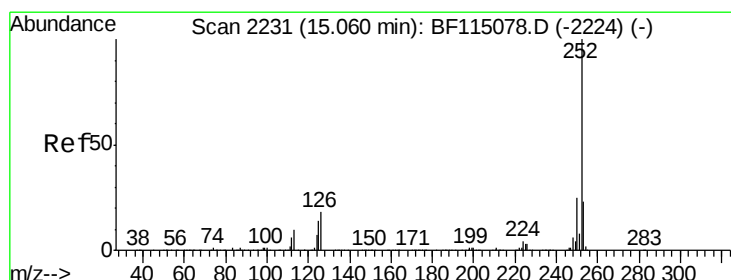
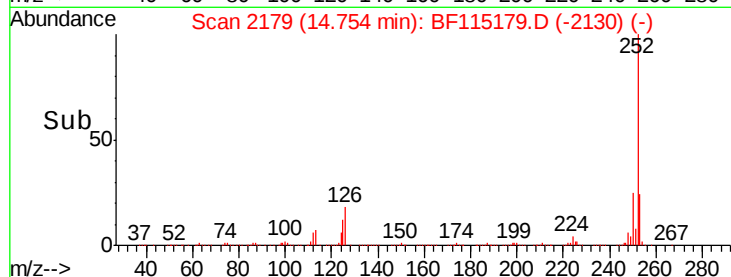
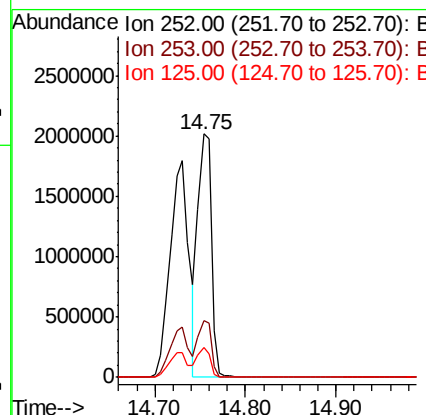
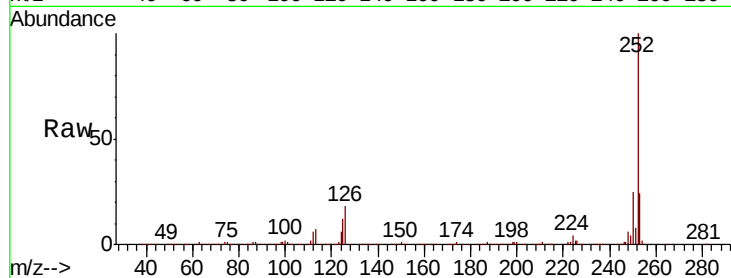




#89
Benzo(k)fluoranthene
Concen: 46.460 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

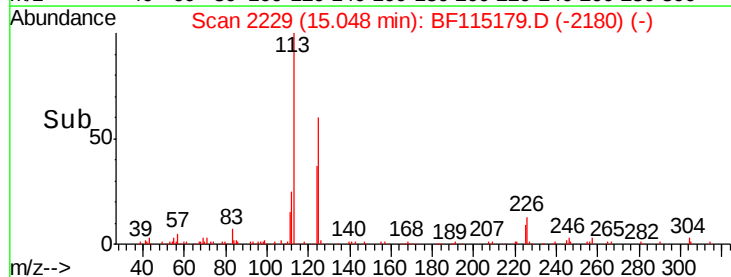
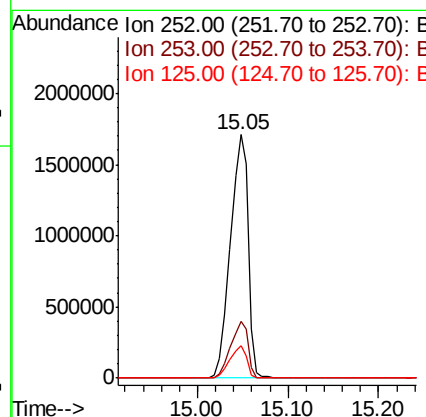
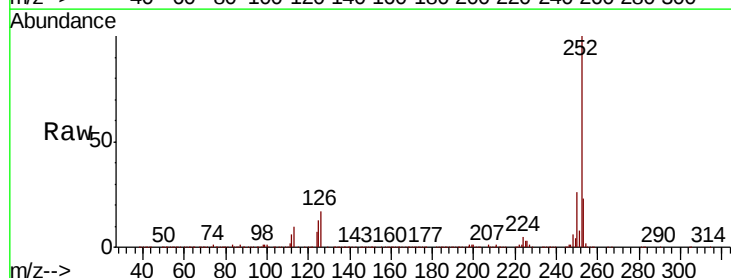
Instrument :
BNA_F
ClientSampleId :
PB120877BSD

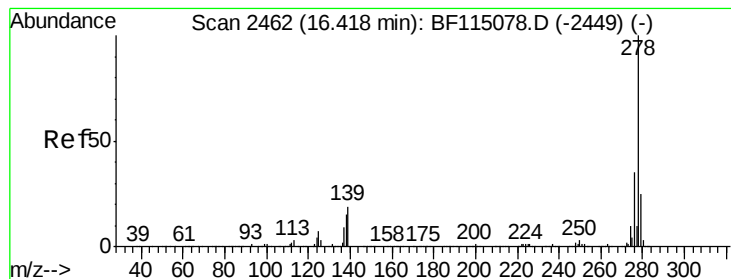
Tgt Ion:252 Resp: 2066328
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 12.4 10.2 15.2



#90
Benzo(a)pyrene
Concen: 51.867 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:252 Resp: 2318439
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 13.2 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 51.325 ng

RT: 16.40 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

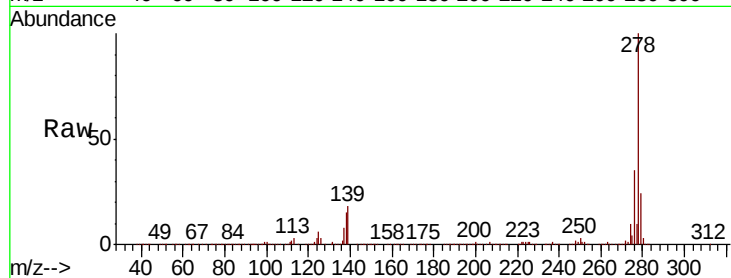
Tgt Ion:278 Resp: 2141798

Ion Ratio Lower Upper

278 100

139 17.8 15.4 23.2

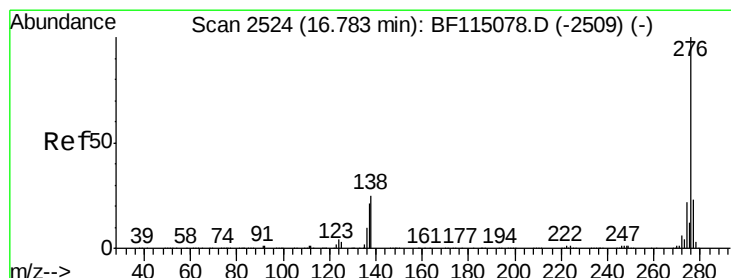
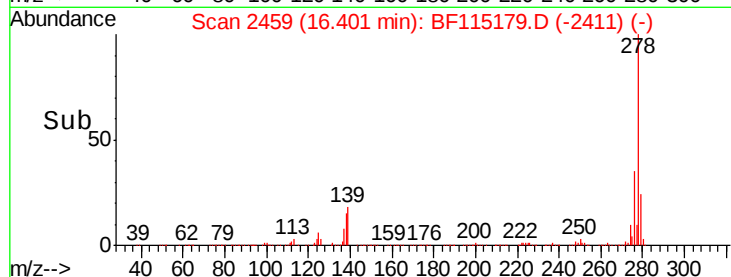
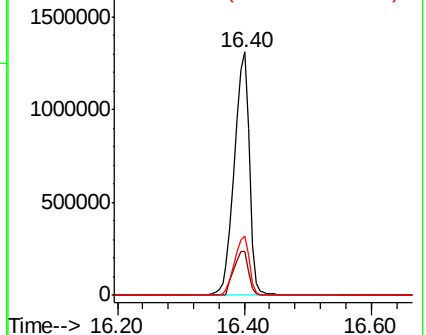
279 24.3 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.008 ng

RT: 16.77 min Scan# 2521

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

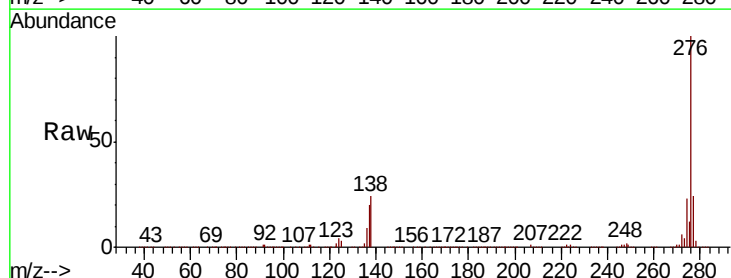
Tgt Ion:276 Resp: 2196615

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 23.8 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

