

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115144.D
 Acq On : 24 Jun 2019 12:31
 Operator : HP/JU
 Sample : PB120809BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Quant Time: Jun 25 07:38:14 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	357022	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1405882	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	700643	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1346270	20.00	ng	0.00
76) Chrysene-d12	13.74	240	887704	20.00	ng	-0.01
87) Perylene-d12	15.10	264	914496	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	2614417	113.00	ng	0.02
7) Phenol-d6	6.27	99	3187089	113.50	ng	0.01
23) Nitrobenzene-d5	7.18	82	2018568	88.32	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	904634	122.44	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3542988	85.90	ng	0.00
79) Terphenyl-d14	12.70	244	3606638	86.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.31	88	370074	33.893	ng	99
3) Pyridine	2.97	79	1007914	32.751	ng	99
4) n-Nitrosodimethylamine	2.92	42	462395	38.327	ng	99
6) Aniline	6.28	93	998764	25.879	ng	# 78
8) 2-Chlorophenol	6.41	128	1056594	40.615	ng	97
9) Benzaldehyde	6.15	77	209802	11.452	ng	99
10) Phenol	6.28	94	1201833	36.537	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	969889	40.001	ng	98
12) 1,3-Dichlorobenzene	6.55	146	1111021	38.481	ng	98
13) 1,4-Dichlorobenzene	6.63	146	1127809	38.955	ng	98
14) 1,2-Dichlorobenzene	6.79	146	1030418	38.433	ng	98
15) Benzyl Alcohol	6.77	79	810707	39.648	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1407603	40.026	ng	99
17) 2-Methylphenol	6.88	107	901415	41.979	ng	98
18) Hexachloroethane	7.13	117	413962	39.661	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	703985	39.158	ng	99
20) 3+4-Methylphenols	7.04	107	1005748	40.563	ng	# 88
22) Acetophenone	7.02	105	1414754	43.957	ng	# 95
24) Nitrobenzene	7.20	77	1084011	43.054	ng	95
25) Isophorone	7.44	82	2044103	43.661	ng	100
26) 2-Nitrophenol	7.51	139	612758	49.281	ng	98
27) 2,4-Dimethylphenol	7.57	122	999939	49.118	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	1262003	42.648	ng	98
29) 2,4-Dichlorophenol	7.76	162	935239	44.515	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	1012351	43.624	ng	99
31) Naphthalene	7.92	128	2923531	42.363	ng	98
32) Benzoic acid	7.71	122	814149	56.025	ng	98
33) 4-Chloroaniline	7.97	127	710619	22.531	ng	99
34) Hexachlorobutadiene	8.04	225	543175	42.712	ng	98
35) Caprolactam	8.35	113	180218	25.514	ng	98
36) 4-Chloro-3-methylphenol	8.46	107	939247	44.144	ng	98
37) 2-Methylnaphthalene	8.61	142	2051565	44.090	ng	98
38) 1-Methylnaphthalene	8.71	142	1930721	43.445	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	840518	42.453	ng	99

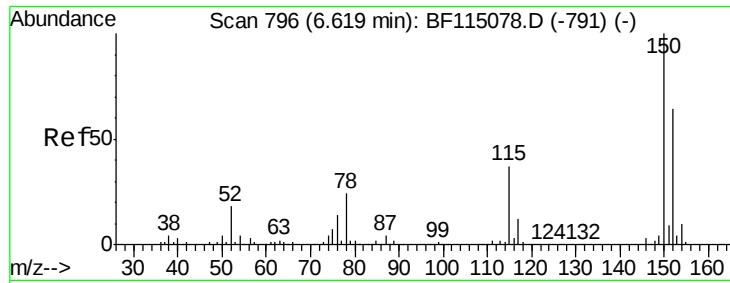
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	931545	79.347	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	685118	44.822	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	716747	45.533	ng	99
46) 1,1'-Biphenyl	9.08	154	2324042	41.455	ng	97
47) 2-Chloronaphthalene	9.10	162	1886726	41.490	ng	96
48) 2-Nitroaniline	9.19	65	575355	43.398	ng	92
49) Acenaphthylene	9.51	152	2897208	40.892	ng	97
50) Dimethylphthalate	9.38	163	2158022	41.864	ng	99
51) 2,6-Dinitrotoluene	9.44	165	535012	44.956	ng	93
52) Acenaphthene	9.68	154	1784381	40.248	ng	99
53) 3-Nitroaniline	9.60	138	394595	27.171	ng	98
54) 2,4-Dinitrophenol	9.71	184	560729	90.504	ng	99
55) Dibenzofuran	9.85	168	2544904	39.994	ng	97
56) 4-Nitrophenol	9.77	139	958108	82.291	ng	95
57) 2,4-Dinitrotoluene	9.84	165	692110	45.041	ng	93
58) Fluorene	10.19	166	1730584	40.136	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	611961	46.363	ng	98
60) Diethylphthalate	10.08	149	2150121	41.495	ng	98
61) 4-Chlorophenyl-phenylether	10.18	204	840854	41.189	ng	96
62) 4-Nitroaniline	10.21	138	599149	41.124	ng	98
63) Azobenzene	10.35	77	1973843	40.784	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	340143	47.537	ng	92
66) n-Nitrosodiphenylamine	10.31	169	1796737	42.838	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	625753	42.871	ng	96
68) Hexachlorobenzene	10.74	284	682992	43.109	ng	97
69) Atrazine	10.84	200	585759	43.415	ng	99
70) Pentachlorophenol	10.92	266	821248	81.365	ng	98
71) Phenanthrene	11.14	178	2859945	39.456	ng	98
72) Anthracene	11.20	178	2881827	39.386	ng	97
73) Carbazole	11.35	167	2673928	40.925	ng	98
74) Di-n-butylphthalate	11.70	149	3059279	40.520	ng	97
75) Fluoranthene	12.32	202	2959984	40.928	ng	99
77) Benzidine	12.44	184	959872	24.351	ng	99
78) Pyrene	12.55	202	2997524	43.939	ng	98
80) Butylbenzylphthalate	13.18	149	1457886	48.424	ng	98
81) Benzo(a)anthracene	13.72	228	2768902	43.471	ng	98
82) 3,3'-Dichlorobenzidine	13.69	252	896725	38.985	ng	97
83) Chrysene	13.77	228	2606414	44.671	ng	97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1836748	46.560	ng	# 98
85) Di-n-octyl phthalate	14.35	149	3152063	47.556	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2740249	39.690	ng	99
88) Benzo(b)fluoranthene	14.74	252	3110382	54.509	ng	99
89) Benzo(k)fluoranthene	14.76	252	2278128	44.519	ng	99
90) Benzo(a)pyrene	15.05	252	2605843	50.667	ng	99
91) Dibenzo(a,h)anthracene	16.40	278	2254118	46.947	ng	100
92) Benzo(g,h,i)perylene	16.77	276	2282770	46.975	ng	99

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

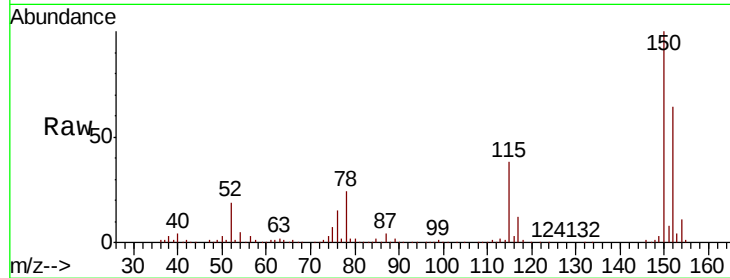


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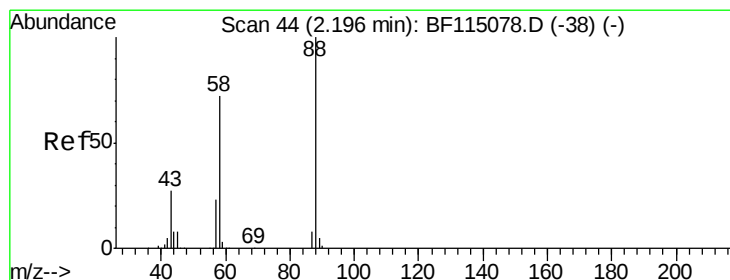
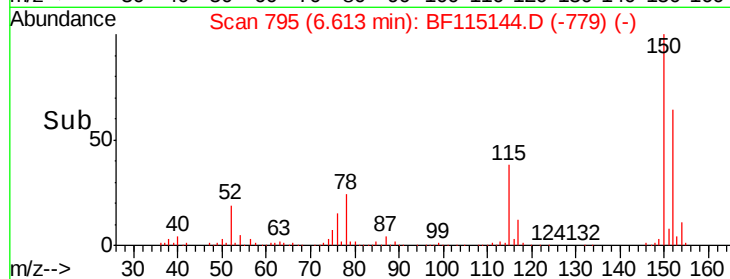
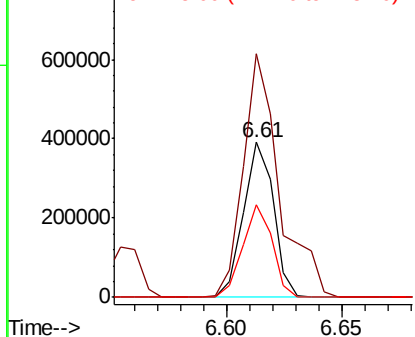
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:152 Resp: 357022
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 59.8 46.1 69.1



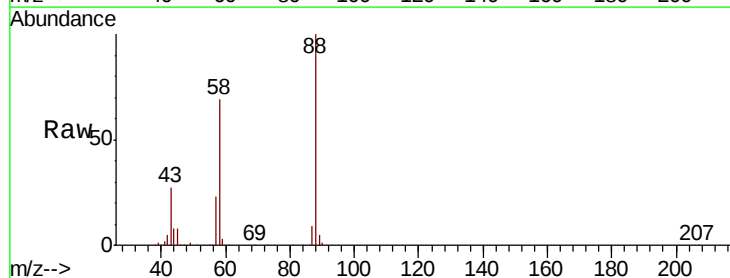
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



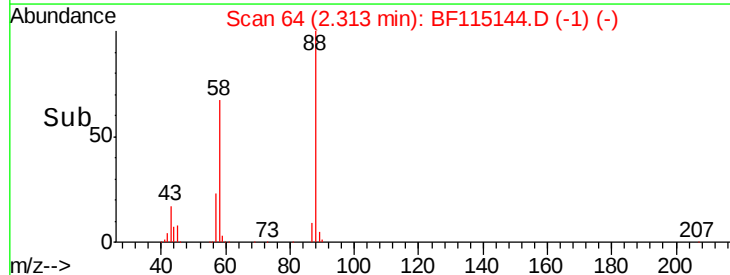
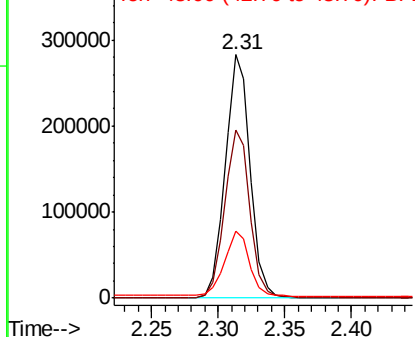
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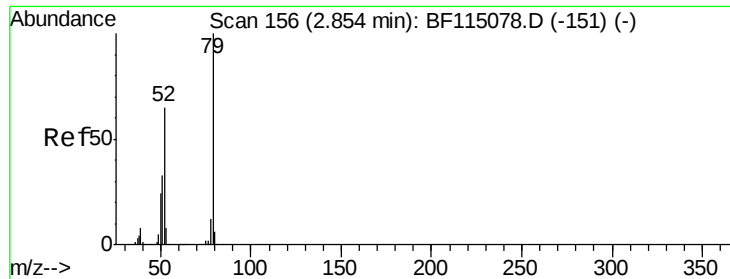
1,4-Dioxane
Concen: 33.893 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.12 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion: 88 Resp: 370074
Ion Ratio Lower Upper
88 100
58 69.6 56.1 84.1
43 27.1 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.751 ng

RT: 2.97 min Scan# 175

Delta R.T. 0.11 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

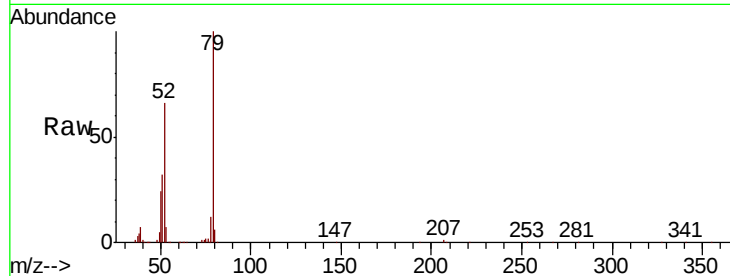
Tot Ion: 79 Resp: 1007914

Ion Ratio Lower Upper

79 100

52 65.7 52.3 78.5

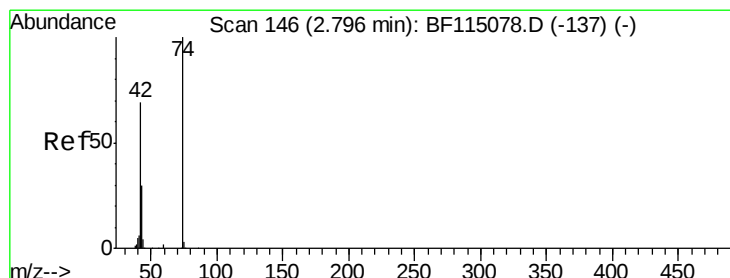
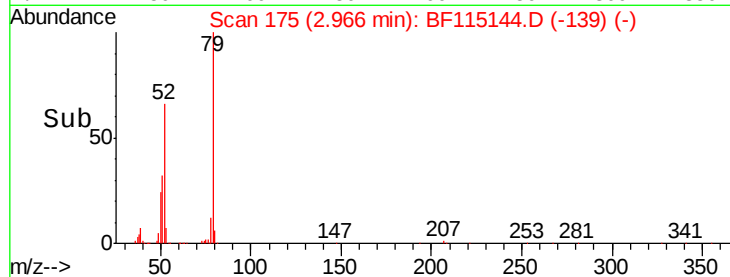
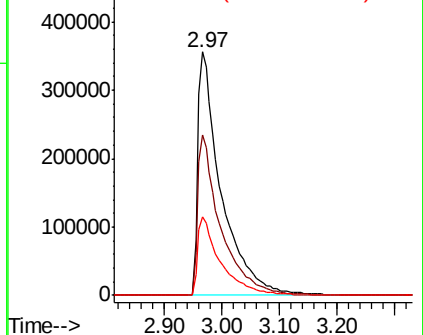
51 32.1 26.1 39.1



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: 38.327 ng

RT: 2.92 min Scan# 167

Delta R.T. 0.12 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

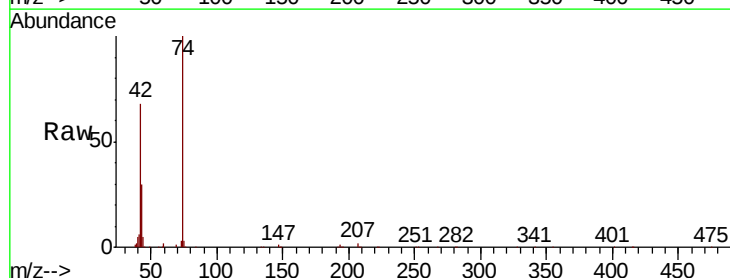
Tgt Ion: 42 Resp: 462395

Ion Ratio Lower Upper

42 100

74 147.3 116.6 175.0

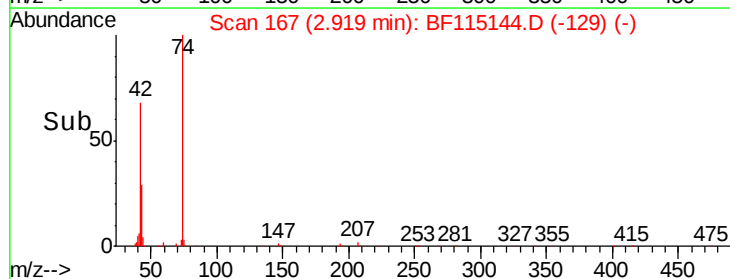
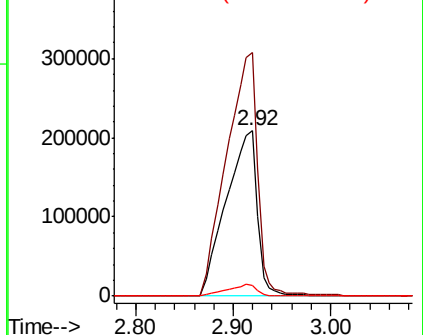
44 6.7 5.3 7.9

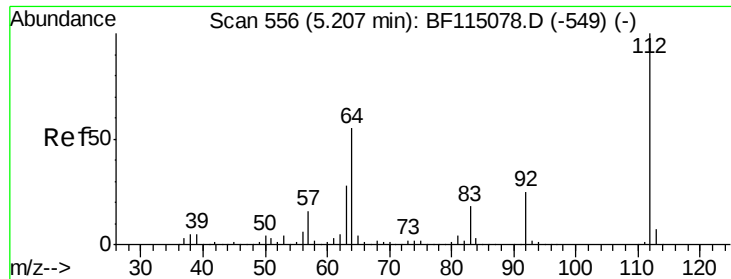


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.004 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

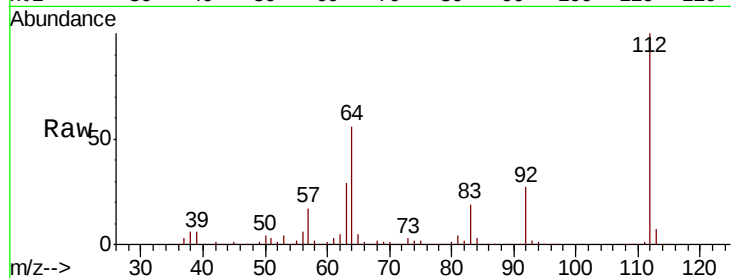
Tot Ion:112 Resp: 2614417

Ion Ratio Lower Upper

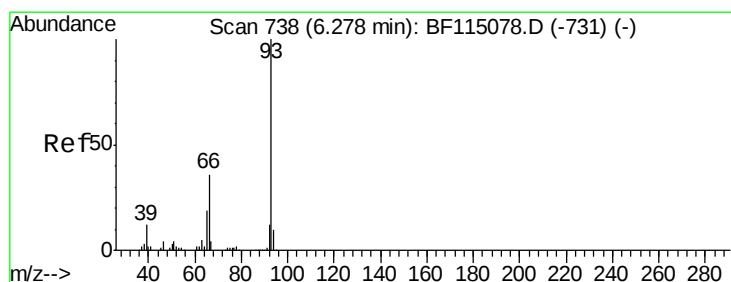
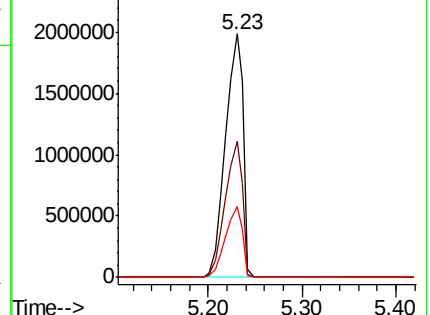
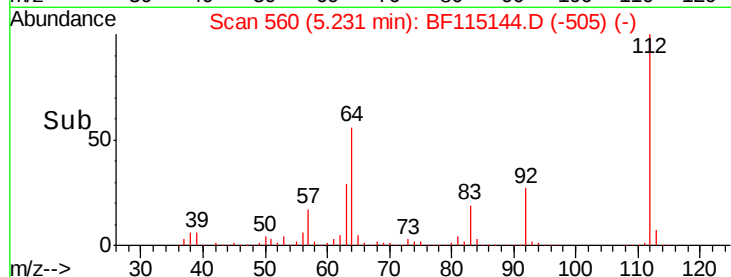
112 100

64 55.8 43.8 65.6

63 29.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.879 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

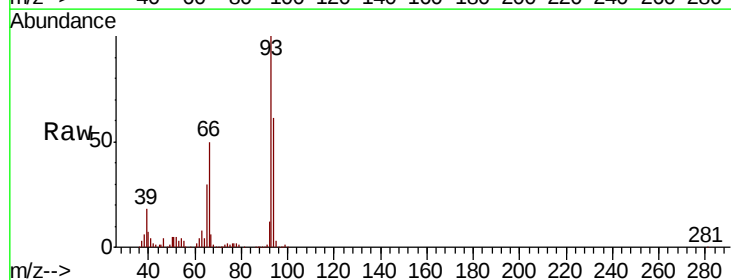
Tgt Ion: 93 Resp: 998764

Ion Ratio Lower Upper

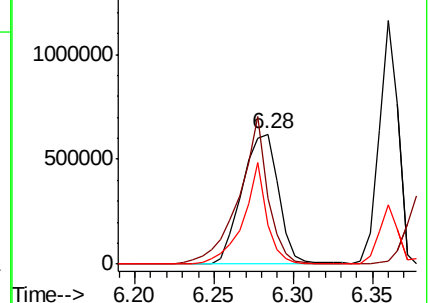
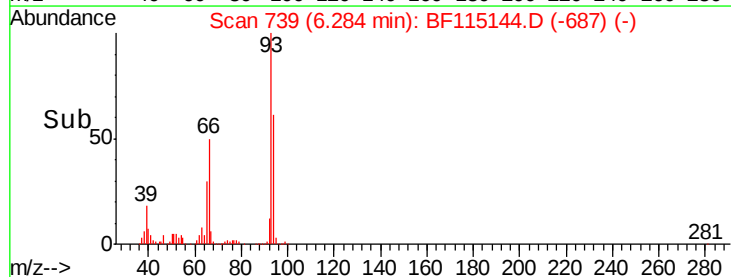
93 100

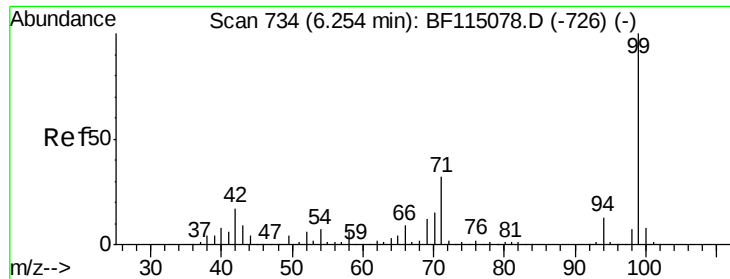
66 50.2 30.0 45.0#

65 29.7 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: 113.496 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

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PB120809BS

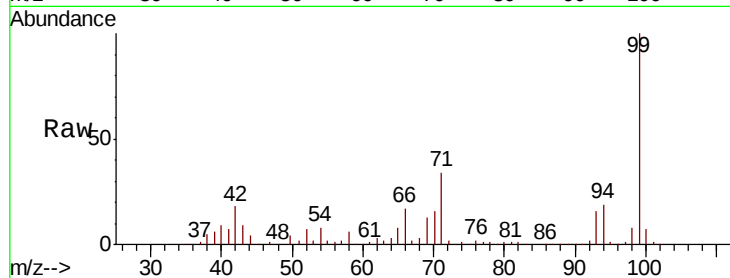
Tot Ion: 99 Resp: 3187089

Ion Ratio Lower Upper

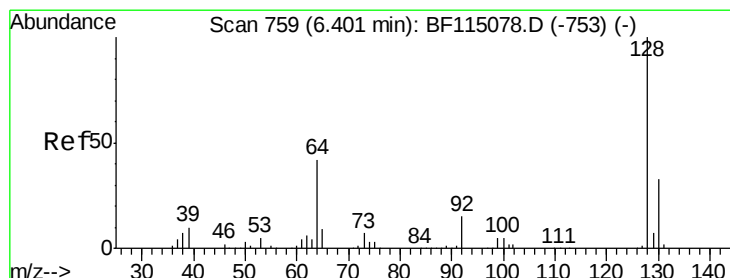
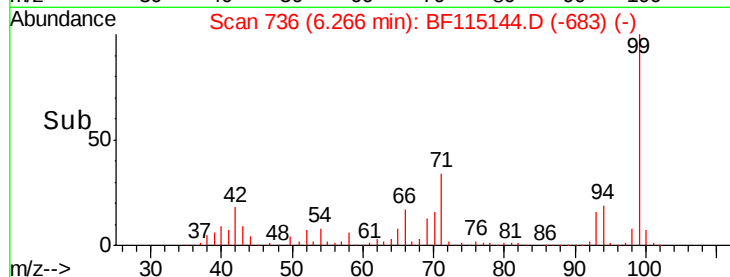
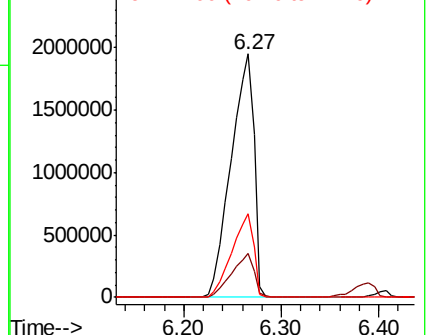
99 100

42 17.9 13.6 20.4

71 34.2 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: 40.615 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

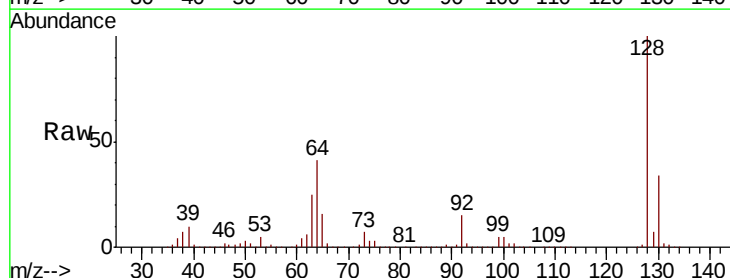
Tgt Ion:128 Resp: 1056594

Ion Ratio Lower Upper

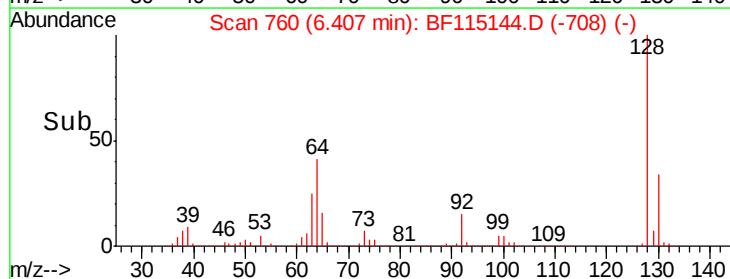
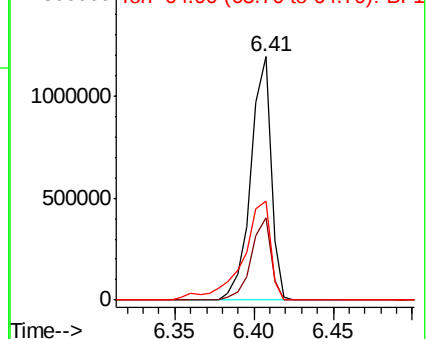
128 100

130 34.1 12.9 52.9

64 40.5 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: 11.452 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

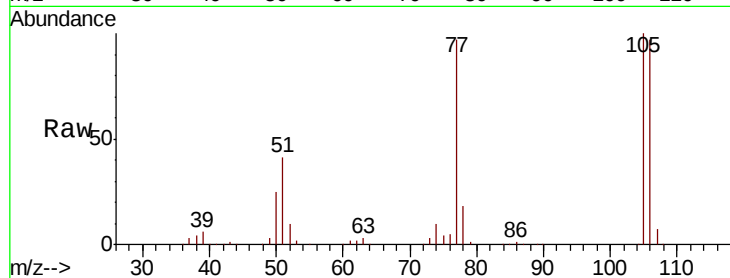
Tot Ion: 77 Resp: 209802

Ion Ratio Lower Upper

77 100

105 102.8 81.5 121.5

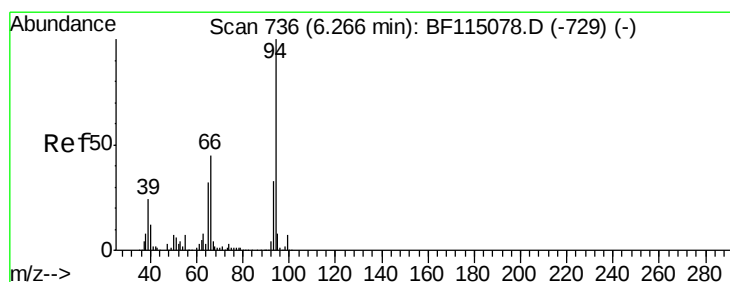
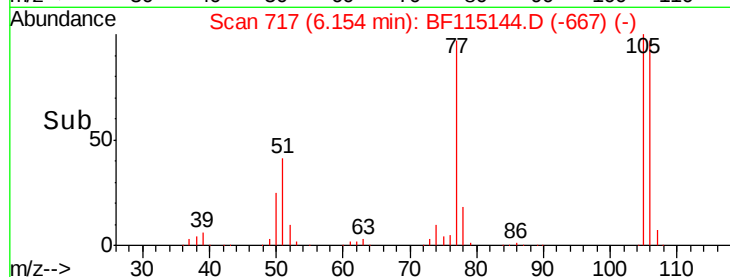
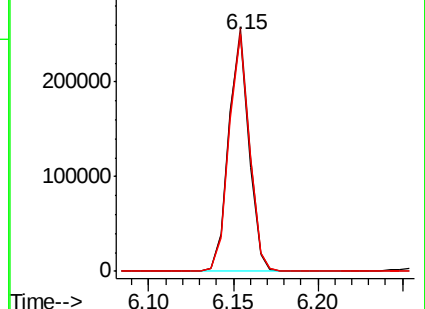
106 100.0 79.7 119.7



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: 36.537 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

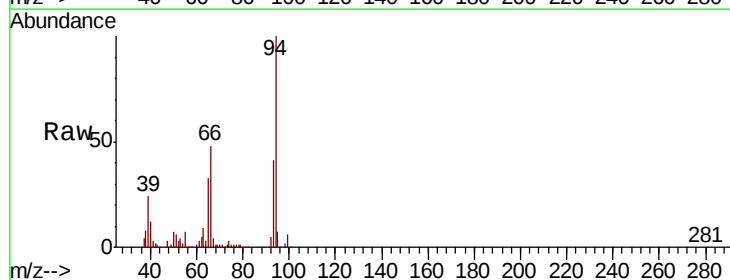
Tgt Ion: 94 Resp: 1201833

Ion Ratio Lower Upper

94 100

65 32.9 11.9 51.9

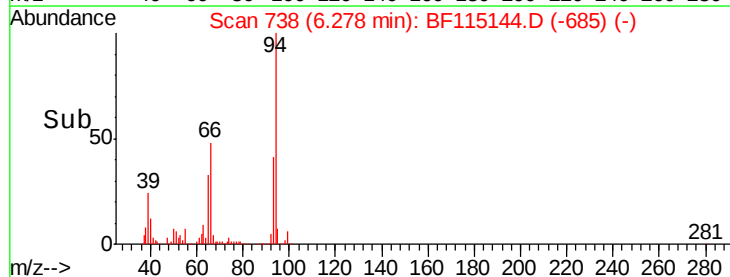
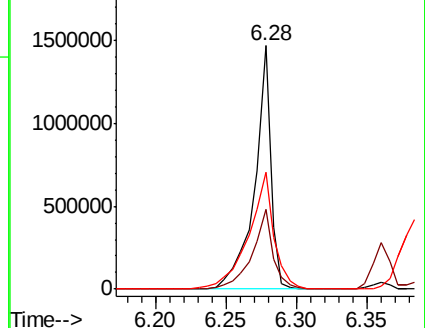
66 47.8 25.2 65.2



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

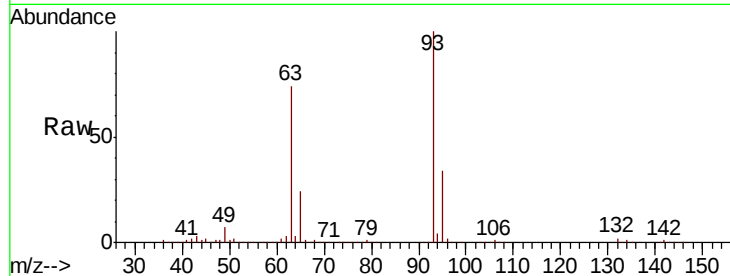




#11
bis(2-Chloroethyl)ether
Concen: 40.001 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	51.5	91.5
95	33.9	13.4	53.4

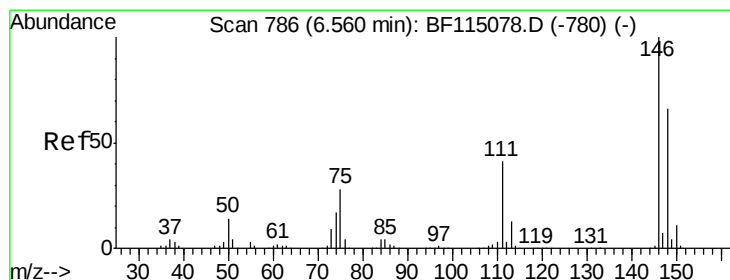
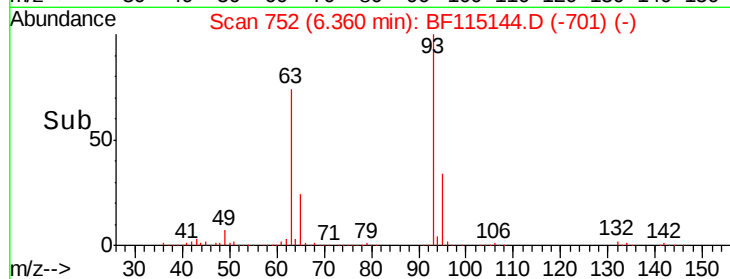
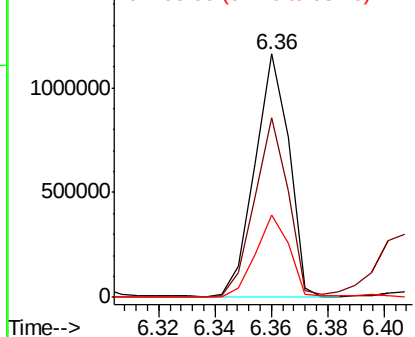


Abundance

Ion 93.00 (92.70 to 93.70): BF1

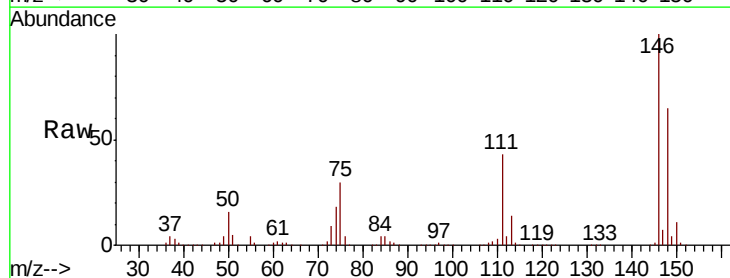
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.481 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	78.8
75	30.2	22.6	34.0

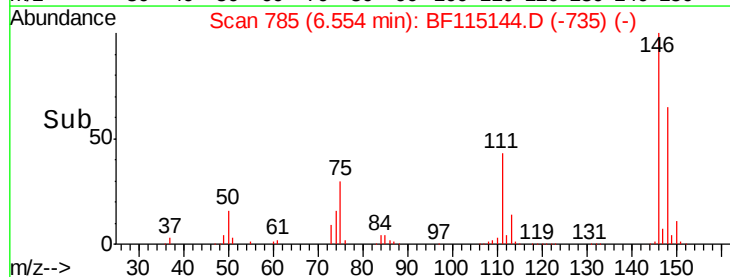
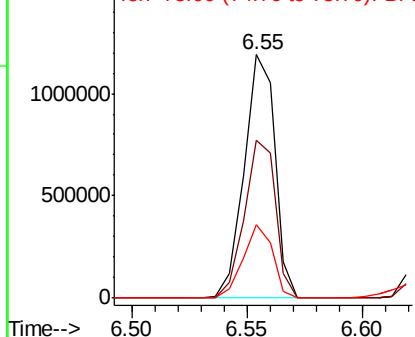


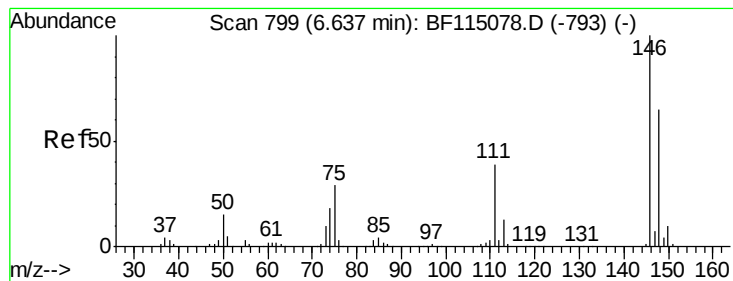
Abundance

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: 38.955 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

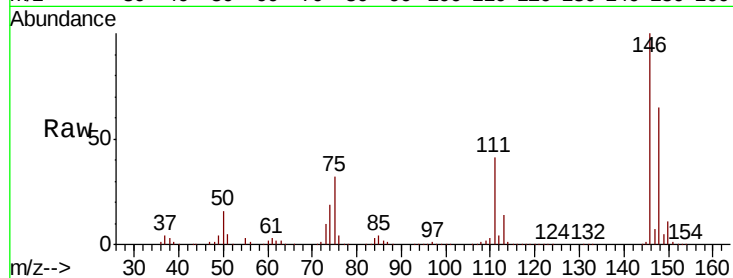
Tot Ion:146 Resp: 1127809

Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

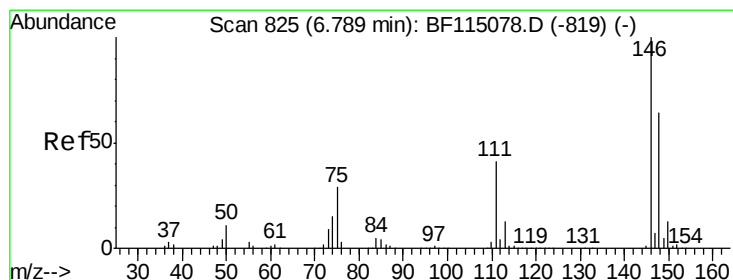
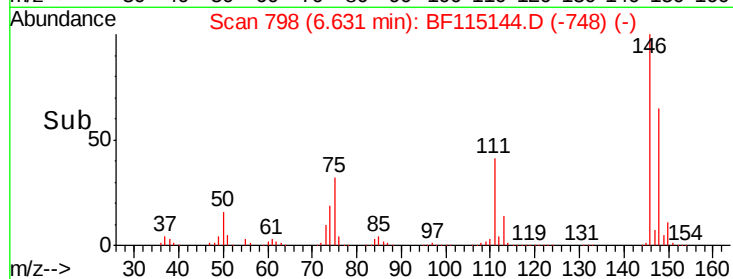
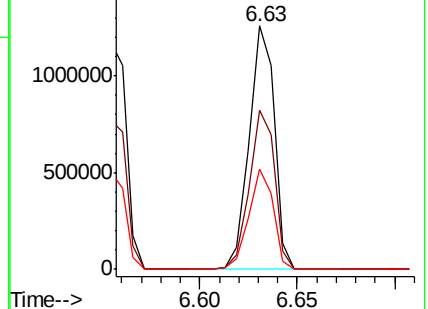
111 41.0 31.4 47.0



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: 38.433 ng

RT: 6.79 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

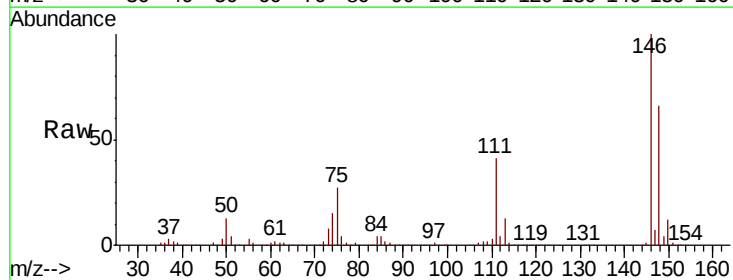
Tgt Ion:146 Resp: 1030418

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

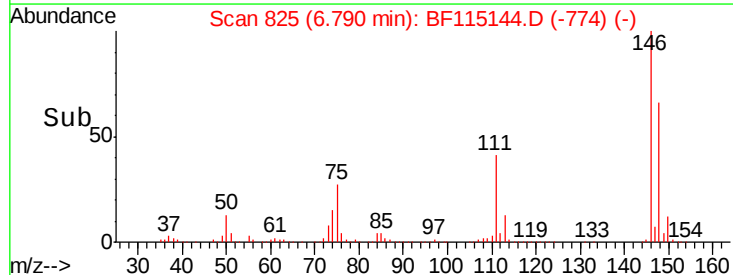
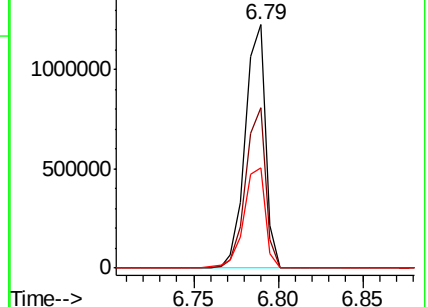
111 41.1 33.2 49.8

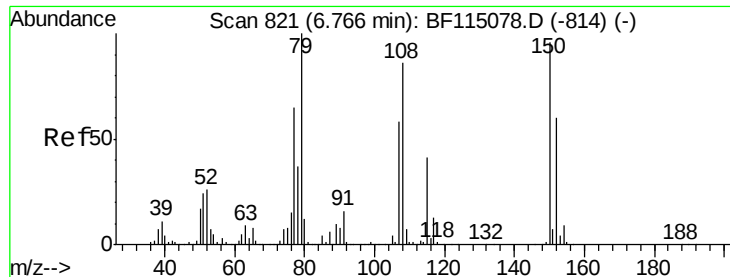


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.648 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

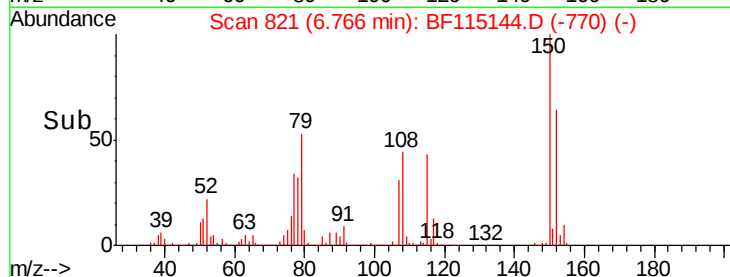
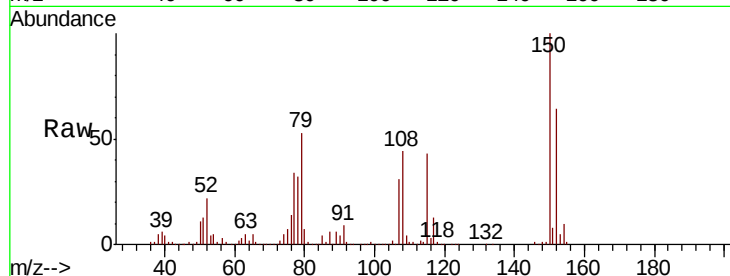
Tot Ion: 79 Resp: 810707

Ion Ratio Lower Upper

79 100

108 82.0 68.7 103.1

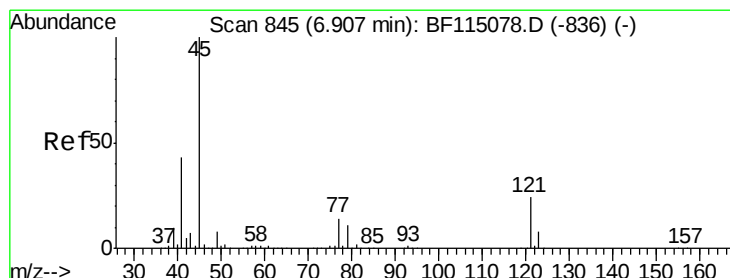
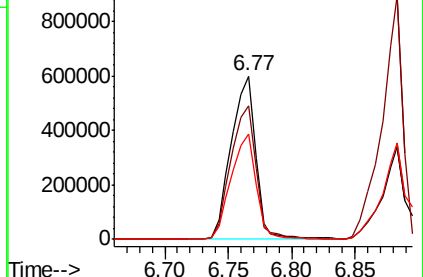
77 64.2 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.026 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

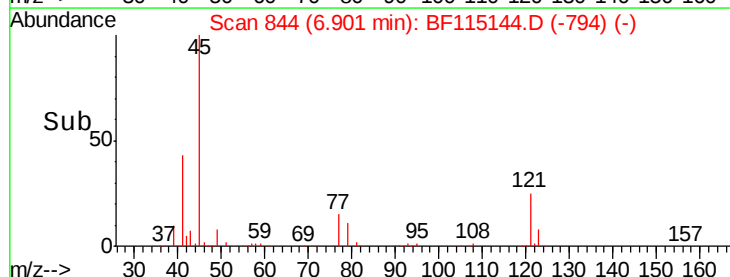
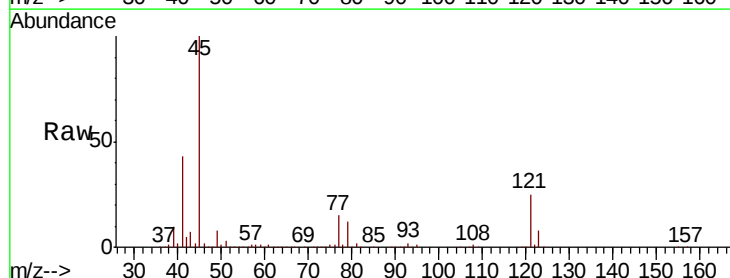
Tgt Ion: 45 Resp: 1407603

Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.6

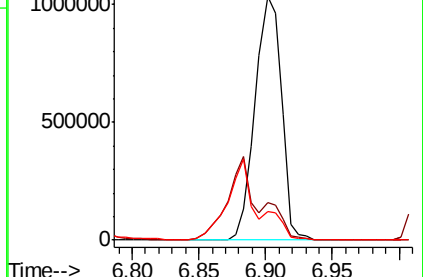
79 11.7 0.0 31.2

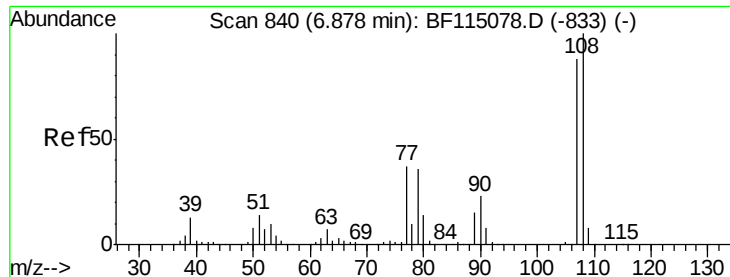


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

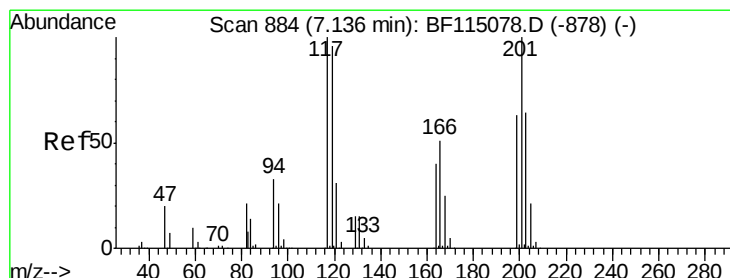
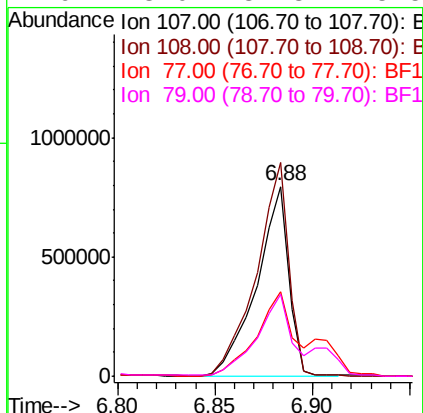
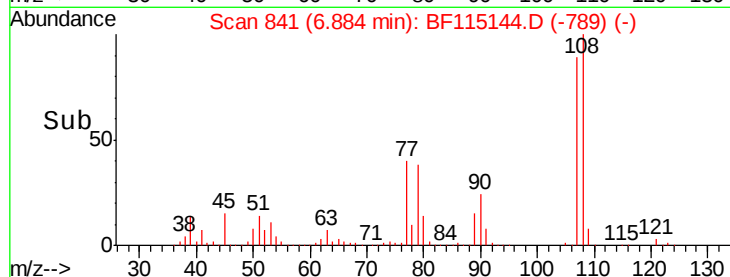
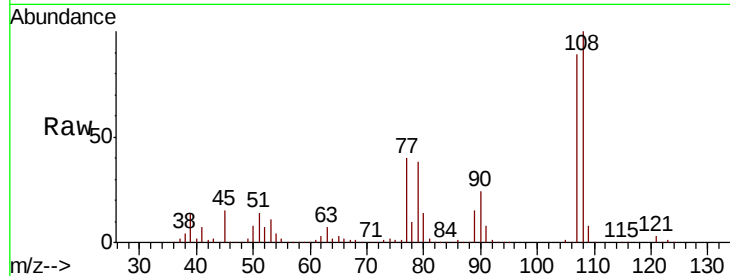




#17
2-Methylphenol
Concen: 41.979 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

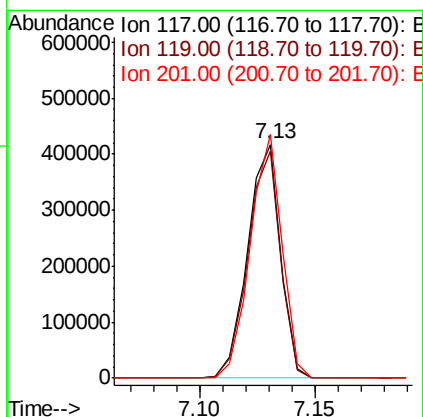
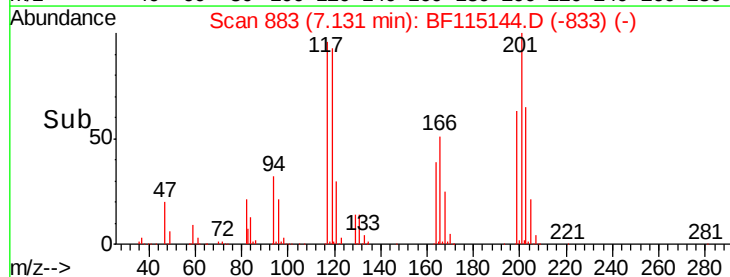
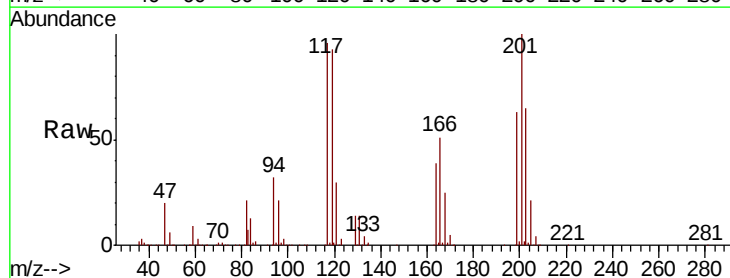
Instrument :
BNA_F
ClientSampled :
PB120809BS

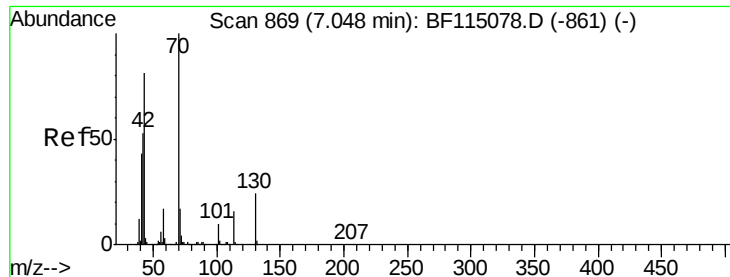
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.9	136.3
77	44.5	33.4	50.2
79	43.0	32.3	48.5



#18
Hexachloroethane
Concen: 39.661 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
201	104.1	80.2	120.2

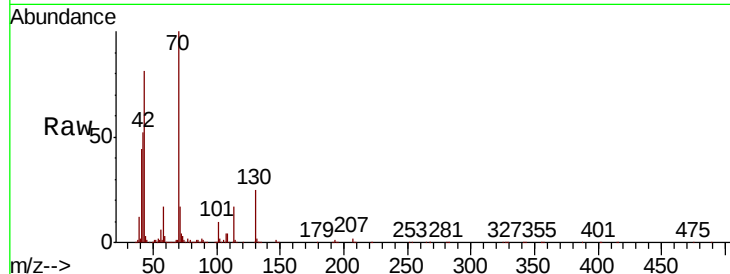




#19
n-Nitroso-di-n-propylamine
Concen: 39.158 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:	70	Resp:	703985
Ion	Ratio	Lower	Upper
70	100		
42	52.4	42.6	63.8
101	10.4	8.0	12.0
130	25.5	19.4	29.0



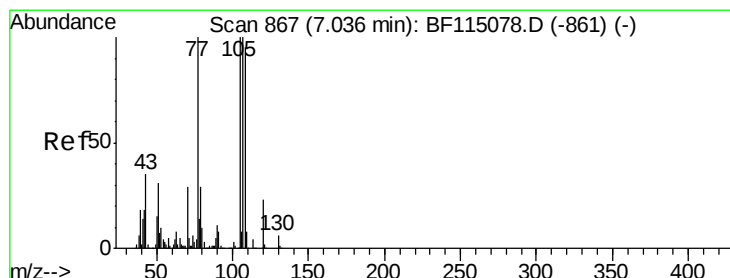
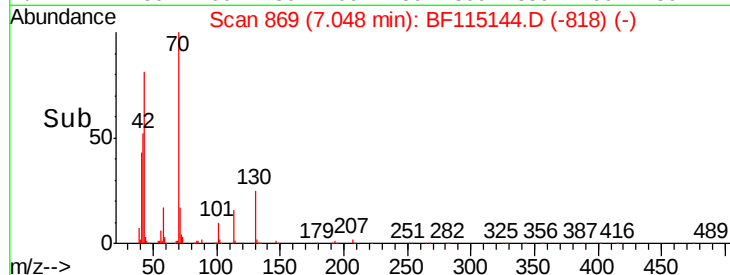
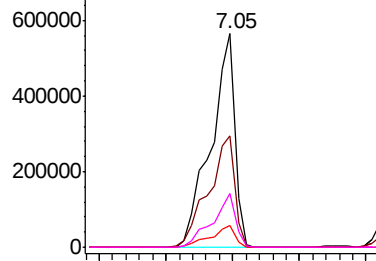
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

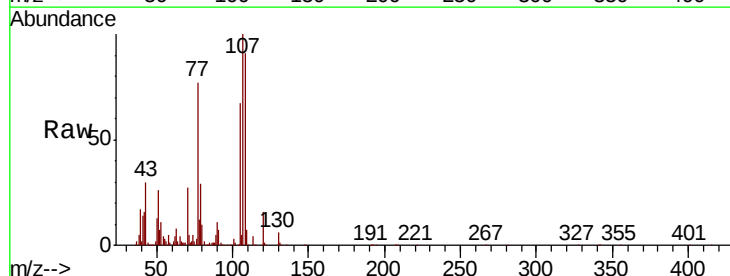
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.563 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:	107	Resp:	1005748
Ion	Ratio	Lower	Upper
107	100		
108	91.1	75.5	115.5
77	77.5	80.2	120.2#
79	28.7	9.5	49.5



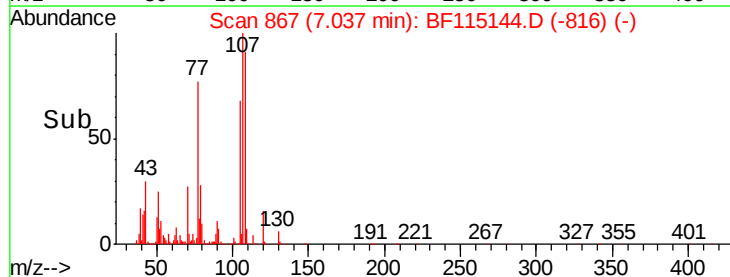
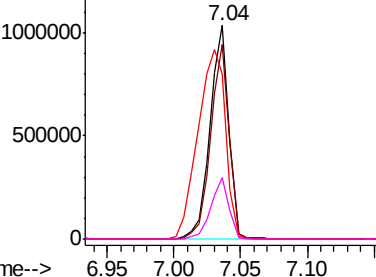
Abundance

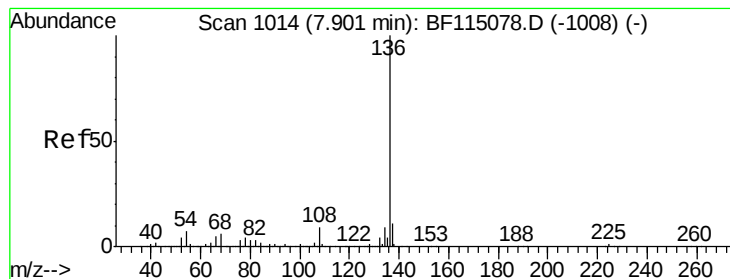
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion:136 Resp: 1405882

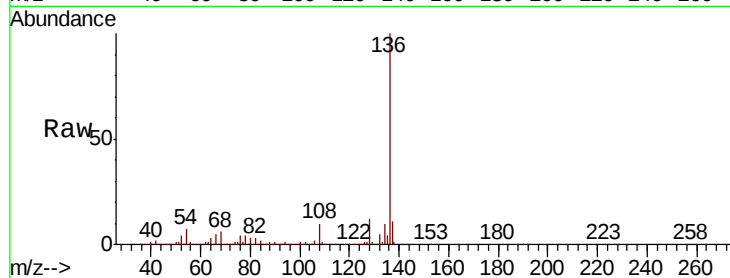
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 5.6 8.4

68 6.2 4.8 7.2

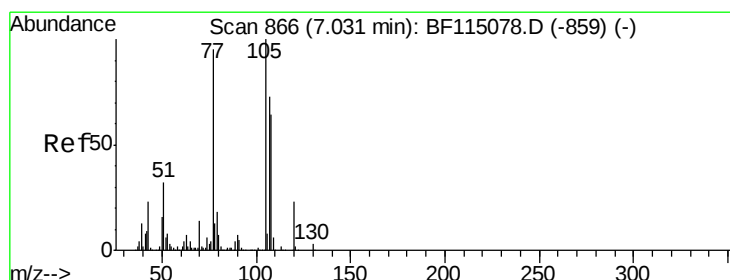
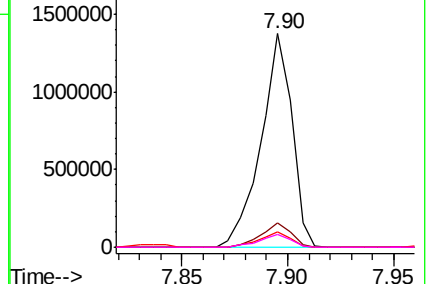
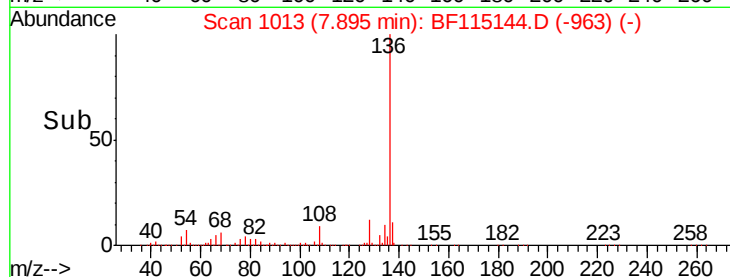


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.957 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Tgt Ion:105 Resp: 1414754

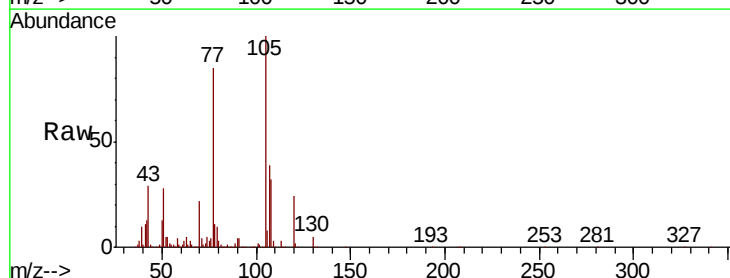
Ion Ratio Lower Upper

105 100

71 3.6 1.9 2.9#

51 28.1 25.8 38.8

120 23.6 18.5 27.7

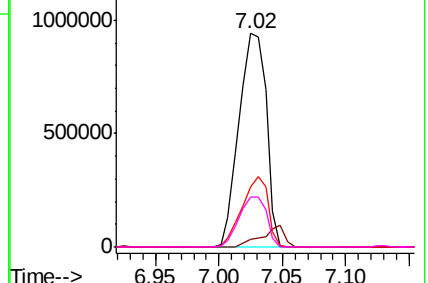
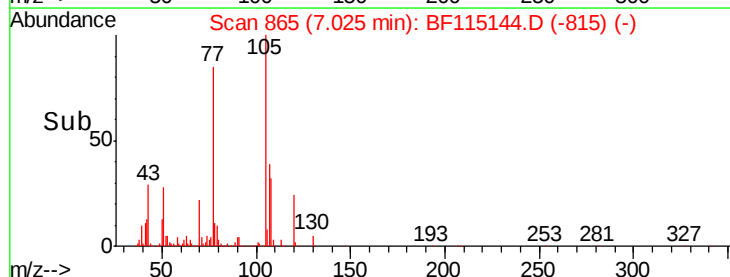


Abundance Ion 105.00 (104.70 to 105.70): E

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

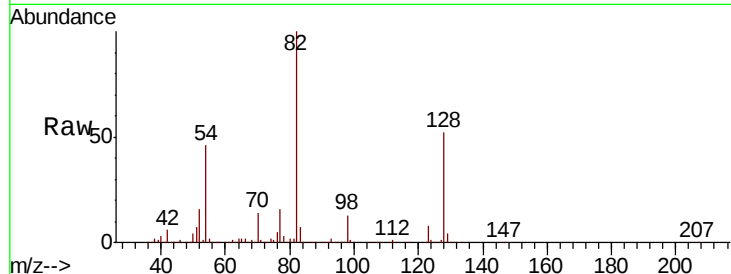




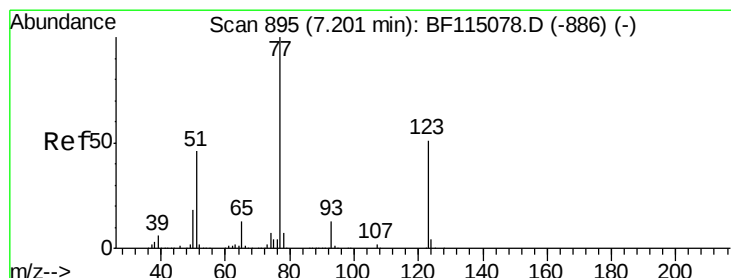
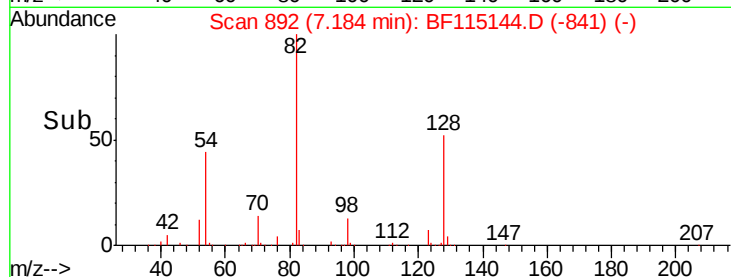
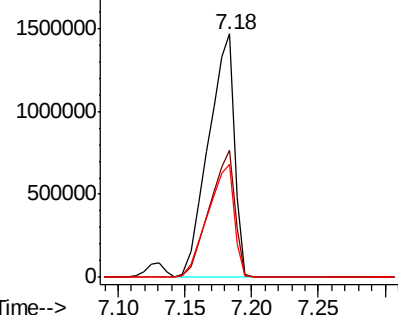
#23
 Nitrobenzene-d5
 Concen: 88.324 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion: 82 Resp: 2018568
 Ion Ratio Lower Upper
 82 100
 128 52.0 40.4 60.6
 54 46.2 37.5 56.3

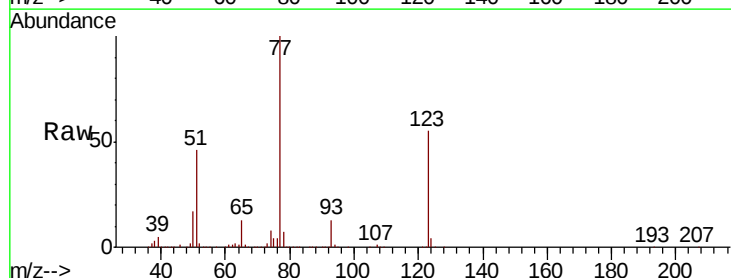


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

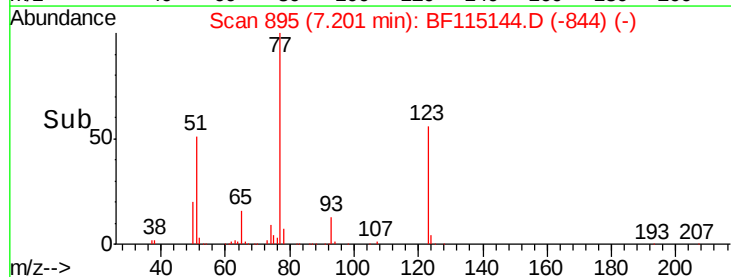
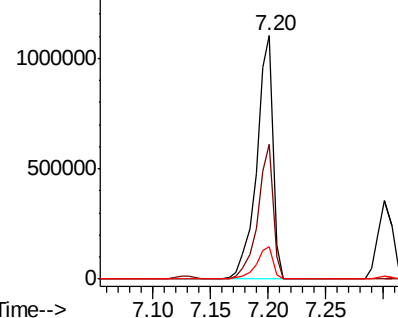


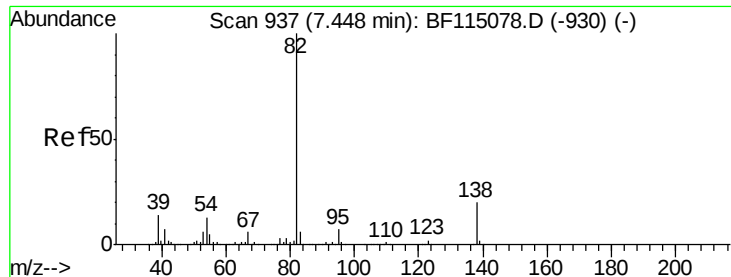
#24
 Nitrobenzene
 Concen: 43.054 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion: 77 Resp: 1084011
 Ion Ratio Lower Upper
 77 100
 123 55.2 41.0 61.6
 65 13.4 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1500000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.661 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

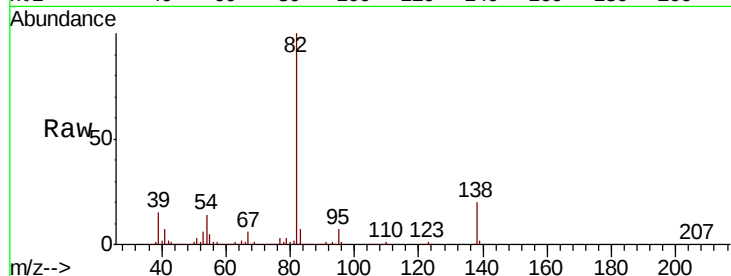
Tot Ion: 82 Resp: 2044103

Ion Ratio Lower Upper

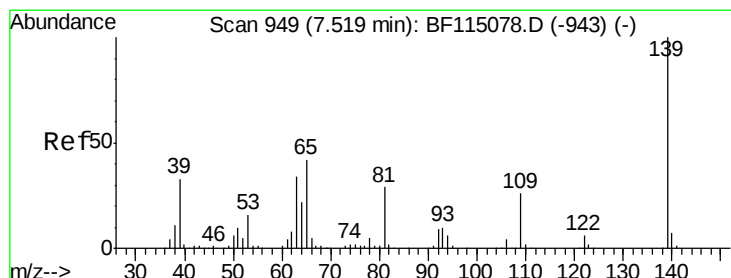
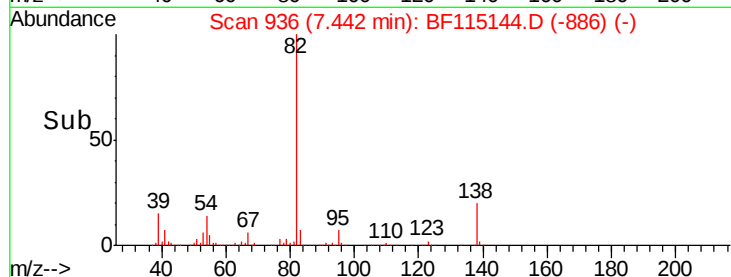
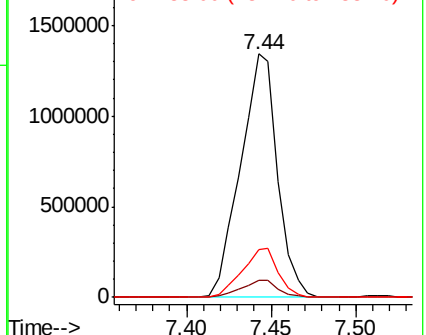
82 100

95 7.0 5.4 8.2

138 19.8 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: 49.281 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

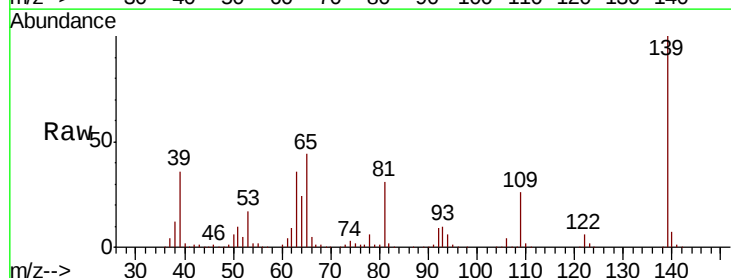
Tgt Ion: 139 Resp: 612758

Ion Ratio Lower Upper

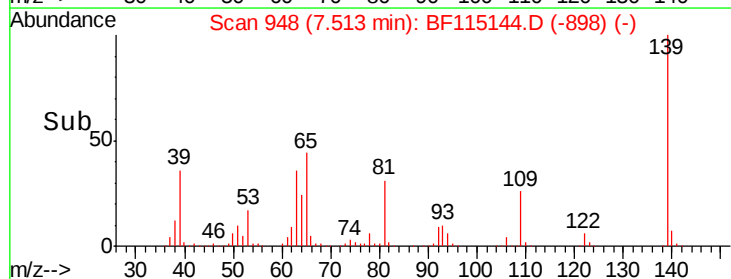
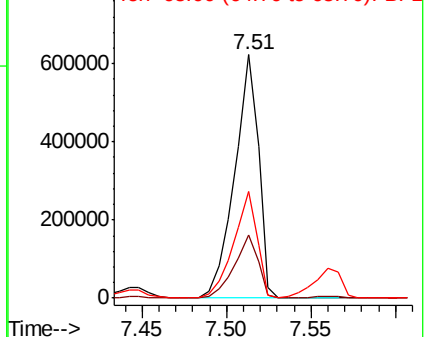
139 100

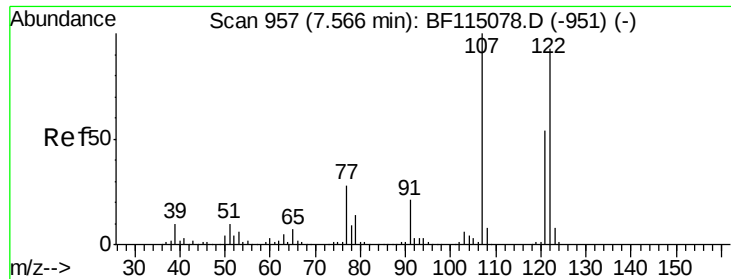
109 25.9 20.4 30.6

65 43.9 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: 49.118 ng

RT: 7.57 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

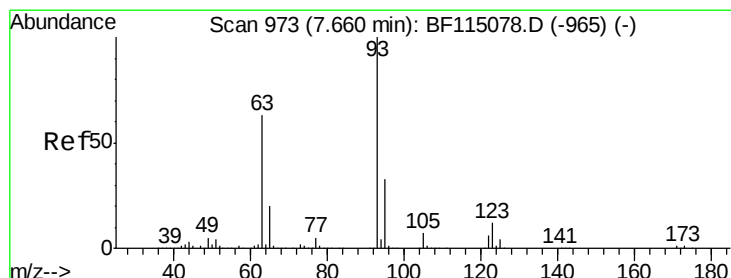
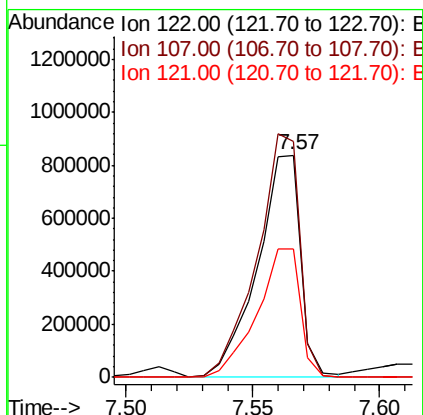
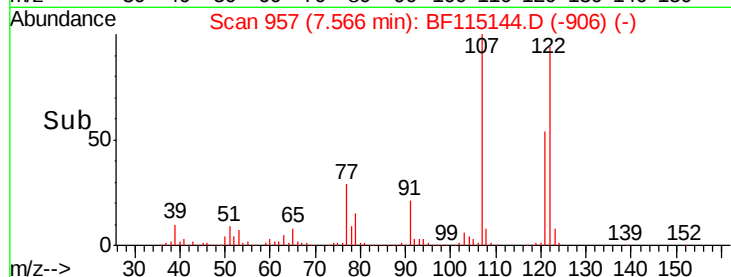
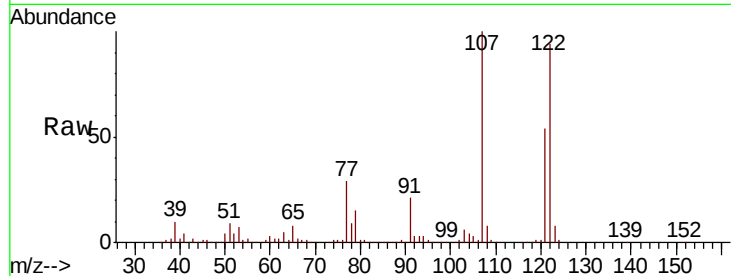
Tot Ion:122 Resp: 999939

Ion Ratio Lower Upper

122 100

107 106.2 85.8 128.6

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.648 ng

RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

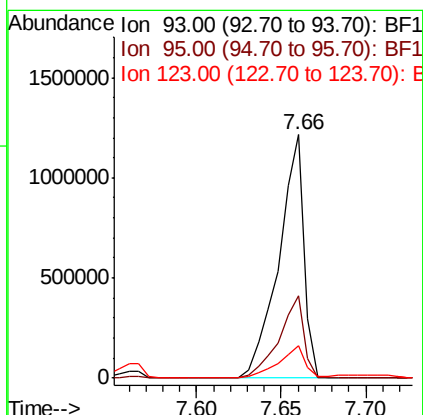
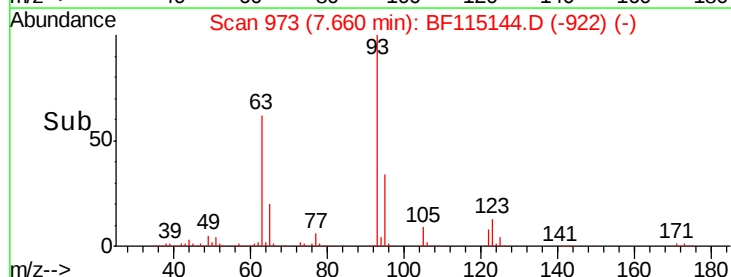
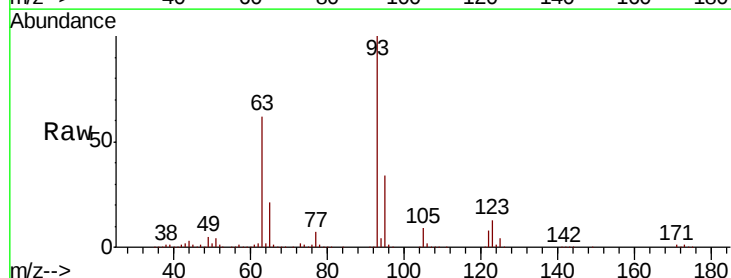
Tgt Ion: 93 Resp: 1262003

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.4

123 13.2 9.7 14.5

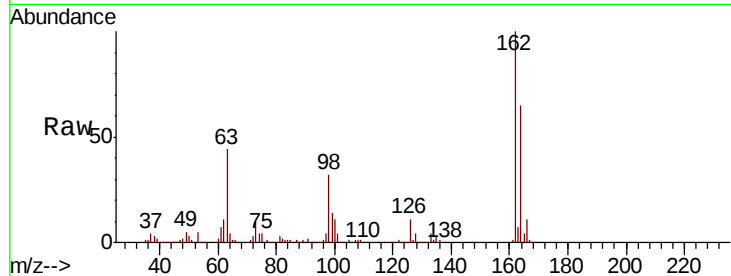




#29
 2,4-Dichlorophenol
 Concen: 44.515 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.3	85.3
98	32.3	12.5	52.5

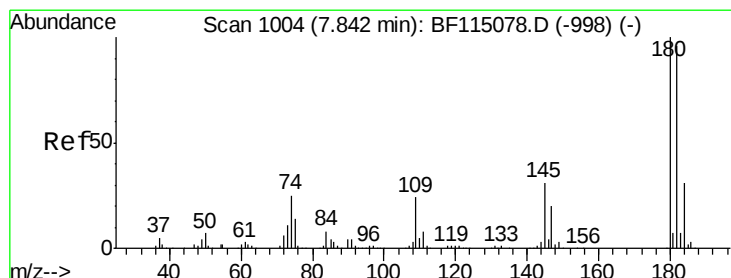
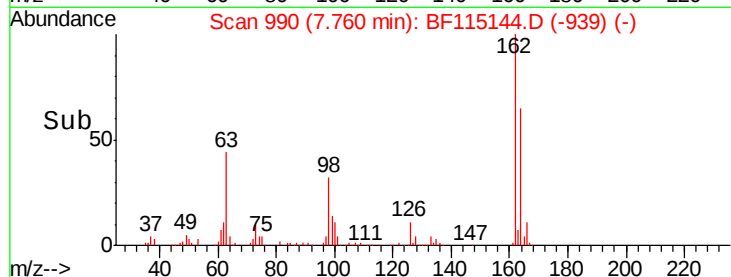
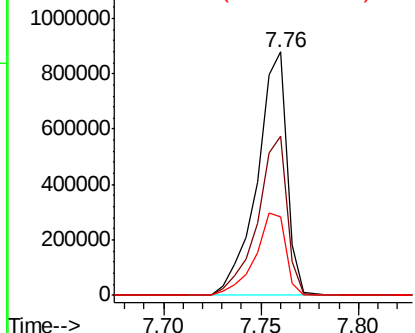


Abundance

Ion 162.00 (161.70 to 162.70): E

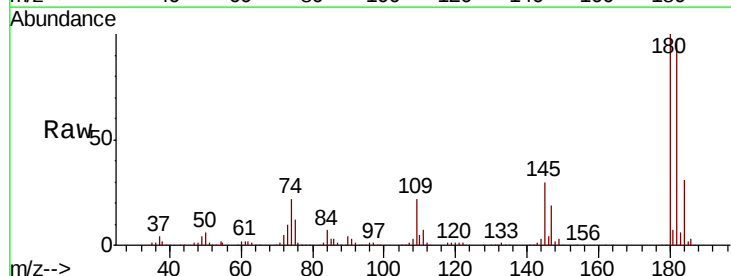
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.624 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.4	114.6
145	30.3	24.8	37.2

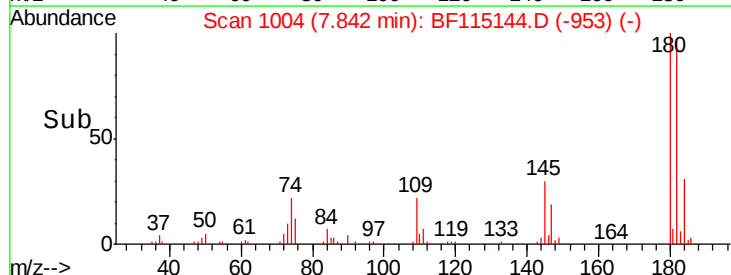
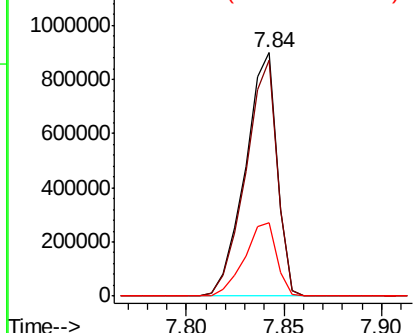


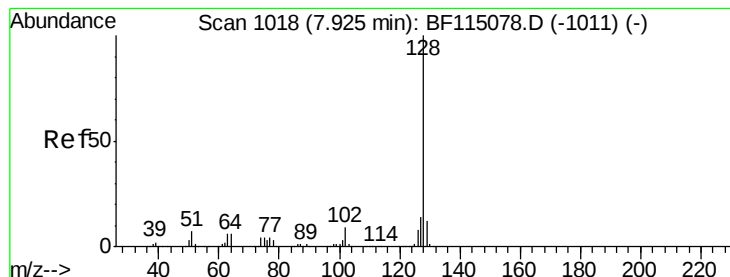
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.363 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

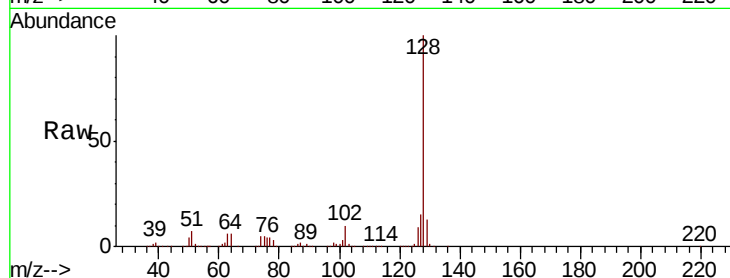
Tot Ion:128 Resp: 2923531

Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

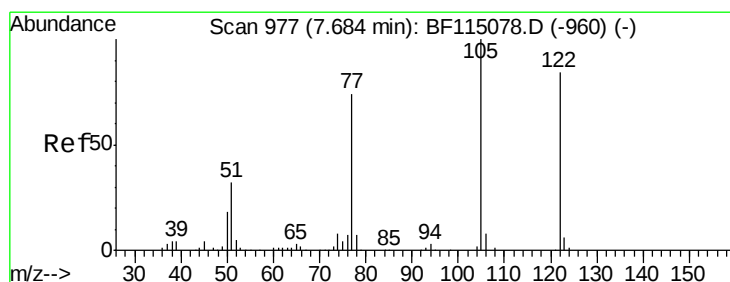
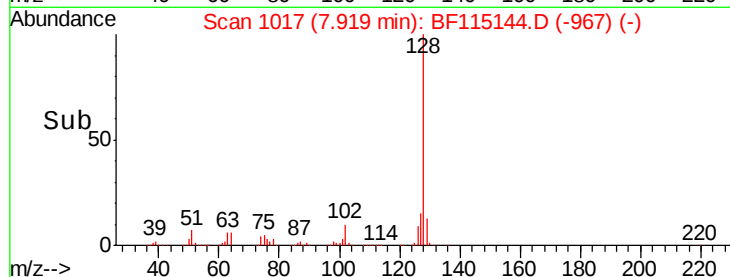
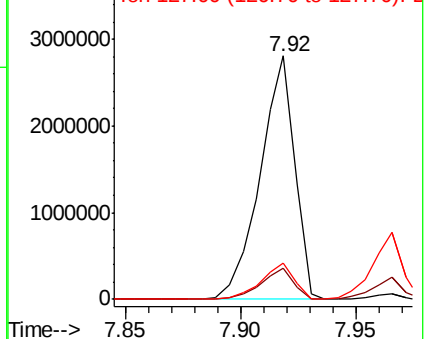
127 15.0 11.4 17.0



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: 56.025 ng

RT: 7.71 min Scan# 982

Delta R.T. 0.03 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

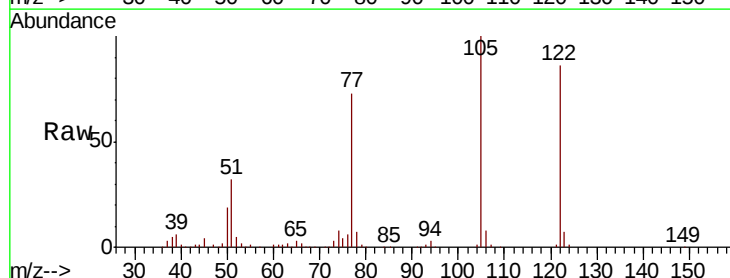
Tgt Ion:122 Resp: 814149

Ion Ratio Lower Upper

122 100

105 116.2 98.2 138.2

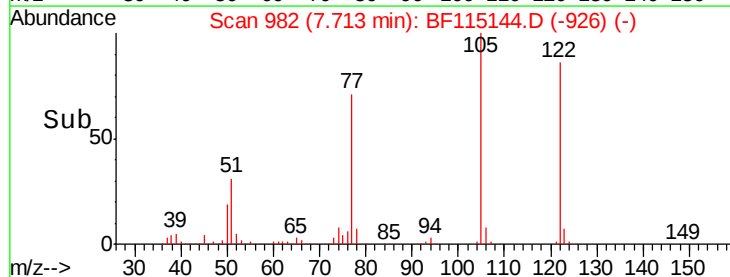
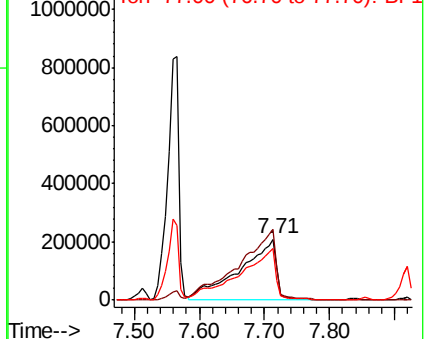
77 84.7 67.0 107.0



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

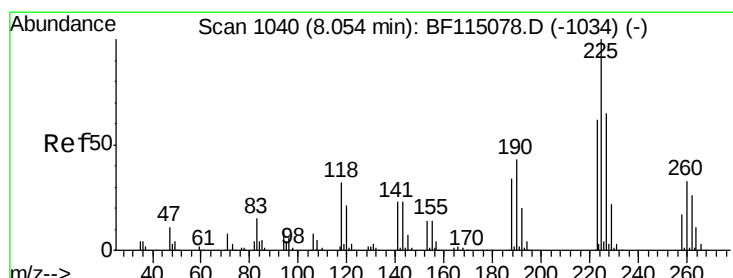
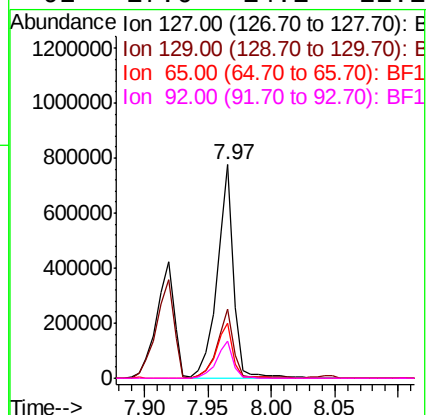
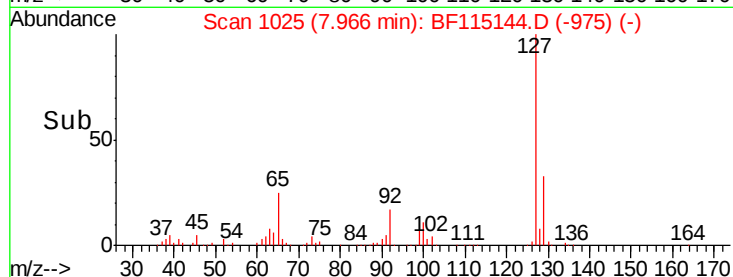
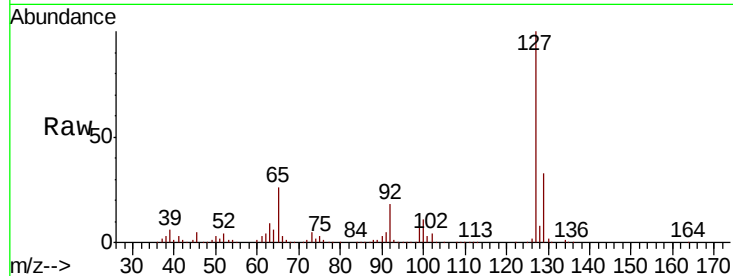




#33
4-Chloroaniline
Concen: 22.531 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

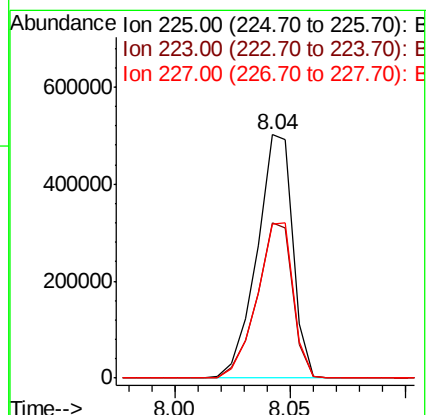
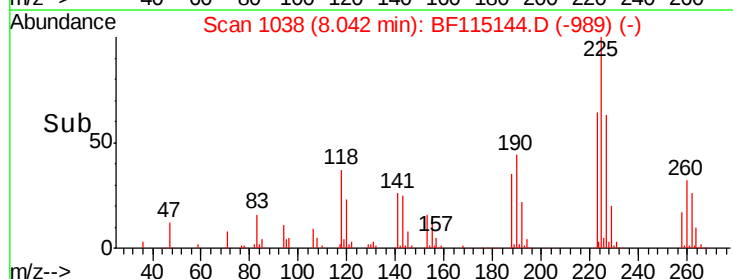
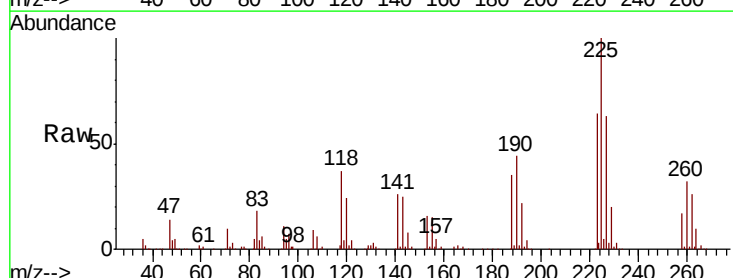
Instrument :
BNA_F
ClientSampleId :
PB120809BS

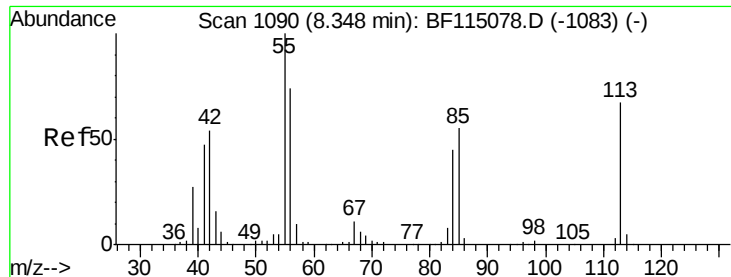
Tot Ion:	127	Resp:	710619
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	25.9	21.4	32.2
92	17.6	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.712 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:	225	Resp:	543175
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.2
227	63.3	51.8	77.8

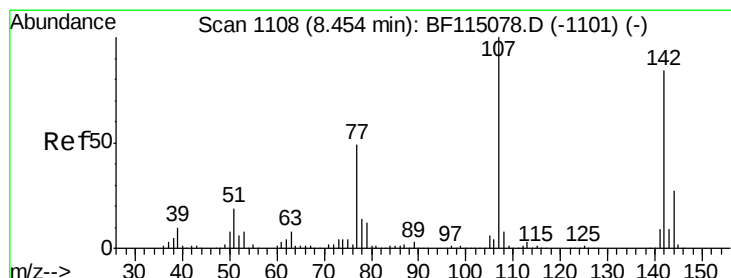
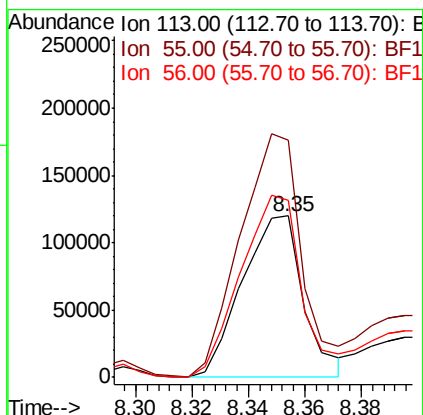
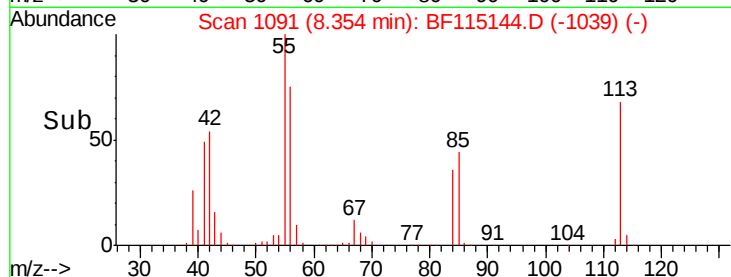
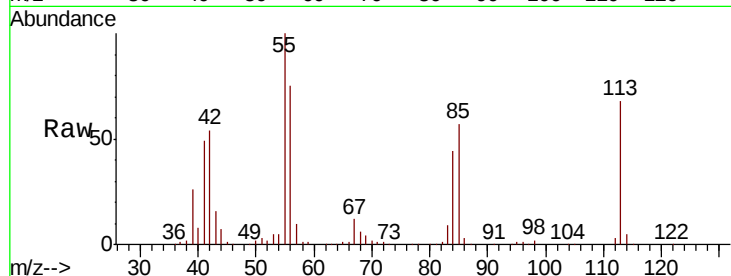




#35
Caprolactam
Concen: 25.514 ng
RT: 8.35 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

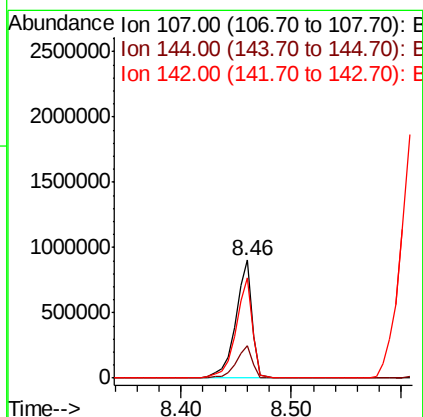
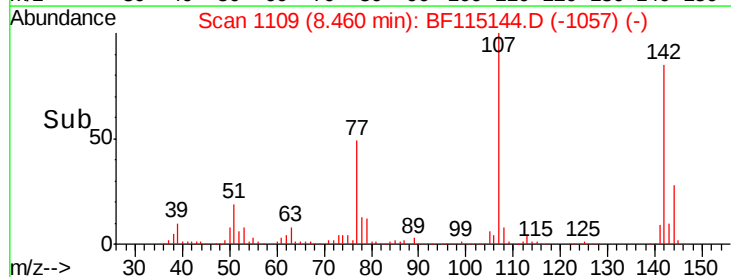
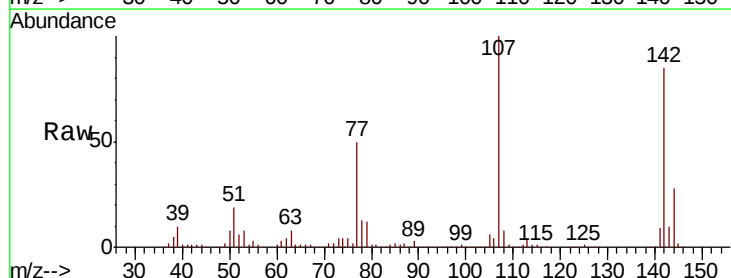
Instrument :
BNA_F
ClientSampleId :
PB120809BS

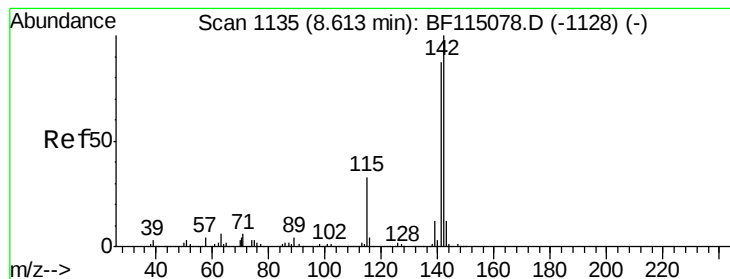
Tot Ion:113 Resp: 180218
Ion Ratio Lower Upper
113 100
55 147.5 130.2 170.2
56 110.3 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 44.144 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:107 Resp: 939247
Ion Ratio Lower Upper
107 100
144 27.9 21.7 32.5
142 85.2 67.0 100.4





#37

2-Methylnaphthalene

Concen: 44.090 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

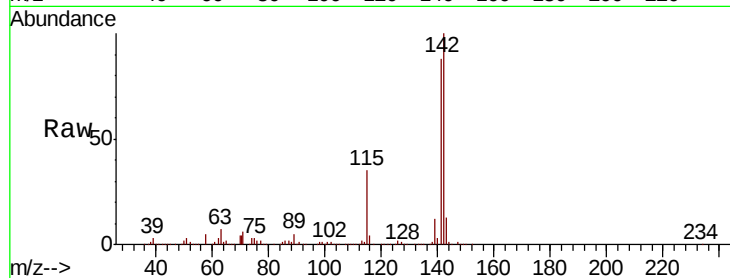
Tot Ion:142 Resp: 2051565

Ion Ratio Lower Upper

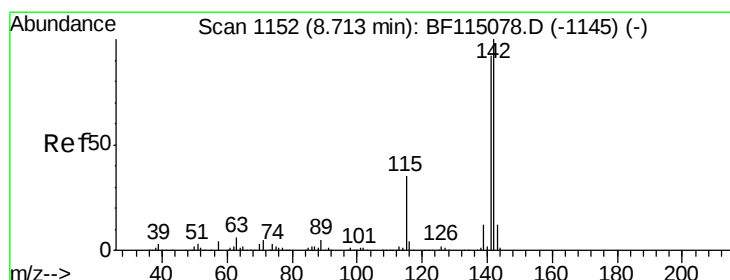
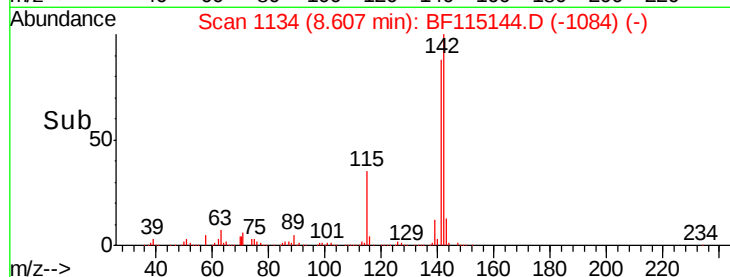
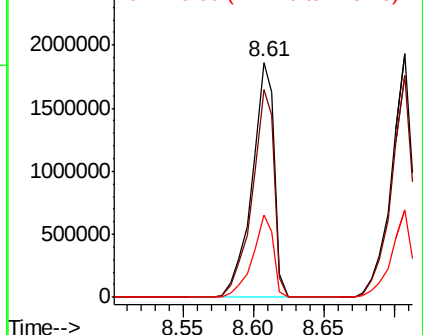
142 100

141 88.1 69.8 104.6

115 35.2 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: 43.445 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

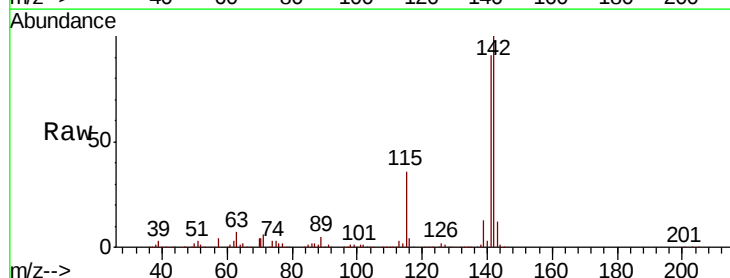
Tgt Ion:142 Resp: 1930721

Ion Ratio Lower Upper

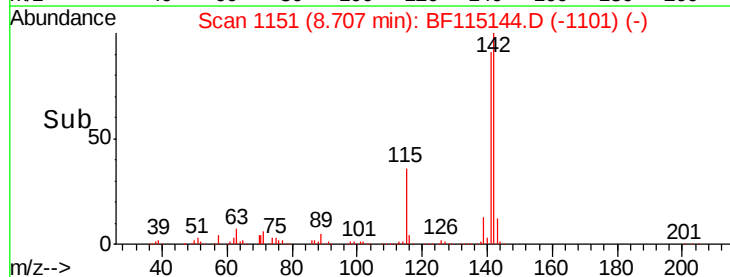
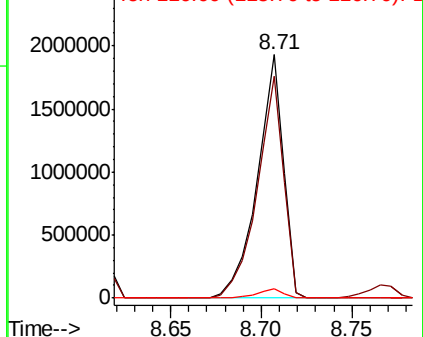
142 100

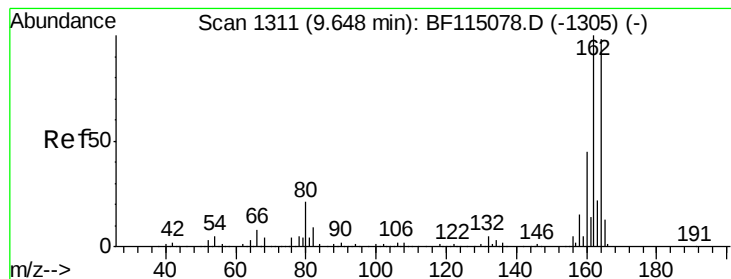
141 91.3 73.8 110.8

116 3.9 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: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

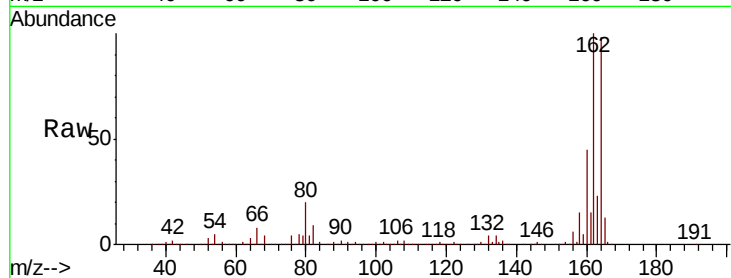
Tot Ion:164 Resp: 700643

Ion Ratio Lower Upper

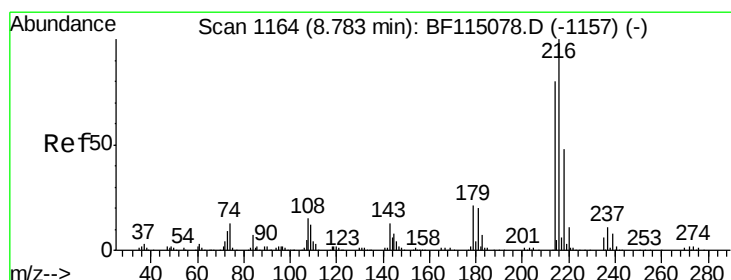
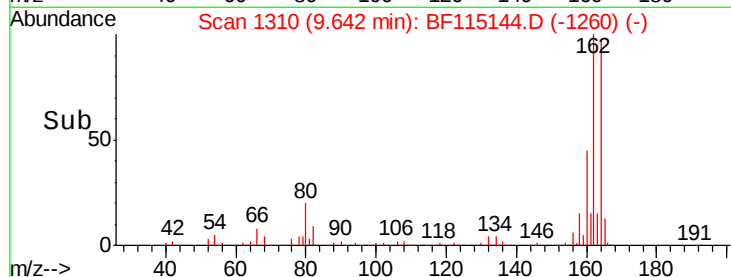
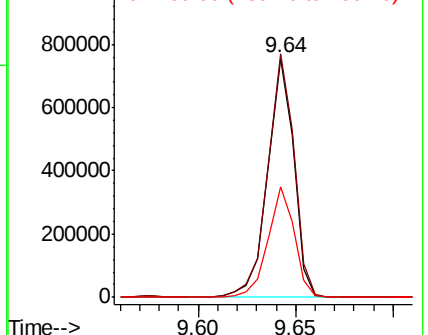
164 100

162 101.9 81.7 122.5

160 46.1 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: 42.453 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Tgt Ion:216 Resp: 840518

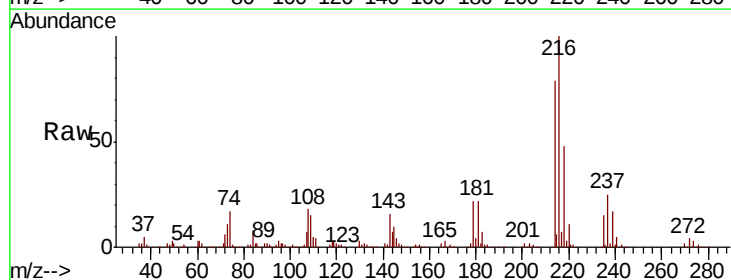
Ion Ratio Lower Upper

216 100

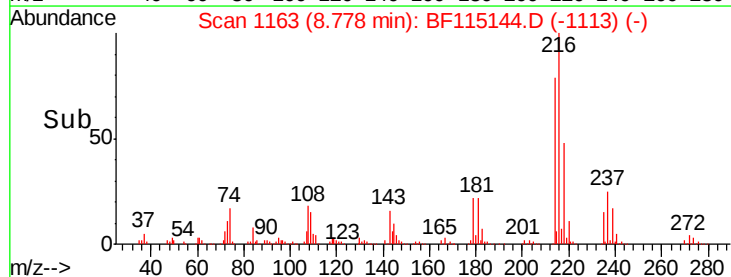
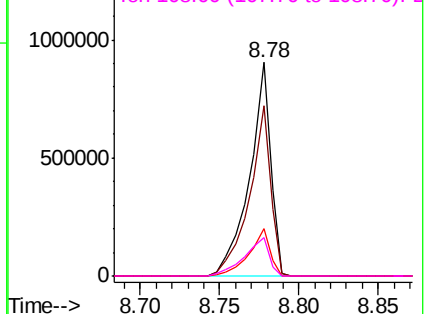
214 79.3 63.8 95.6

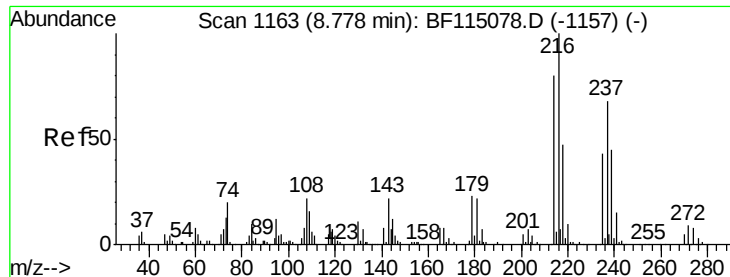
179 21.9 17.6 26.4

108 20.8 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: 79.347 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

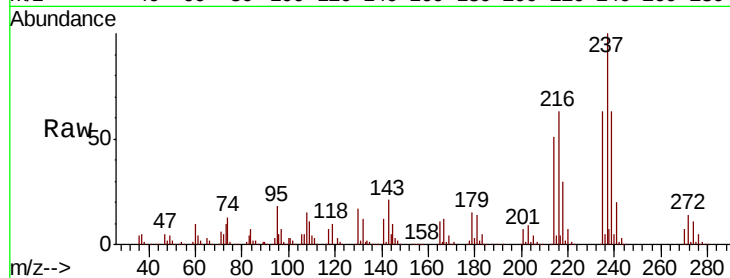
Tot Ion:237 Resp: 931545

Ion Ratio Lower Upper

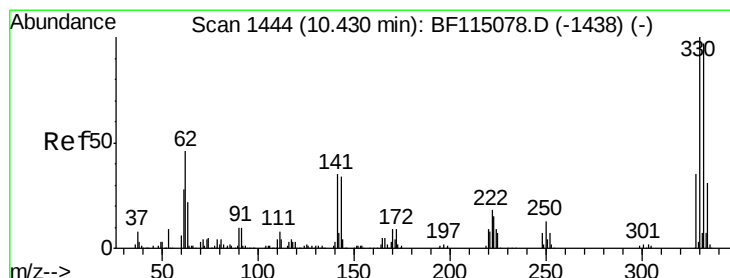
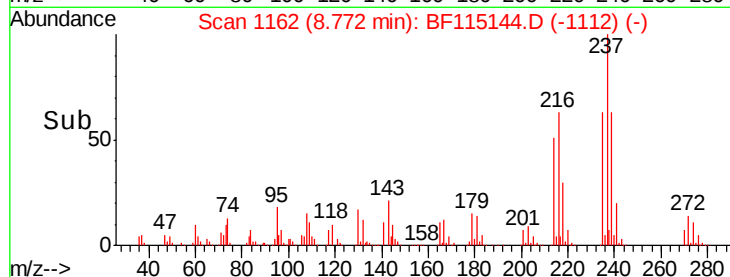
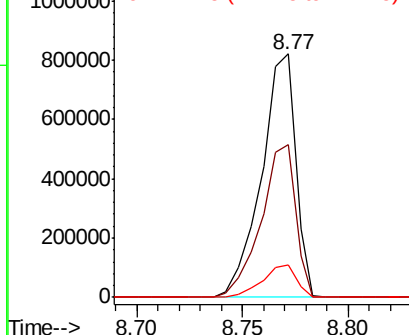
237 100

235 63.0 43.9 83.9

272 13.6 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: 122.438 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

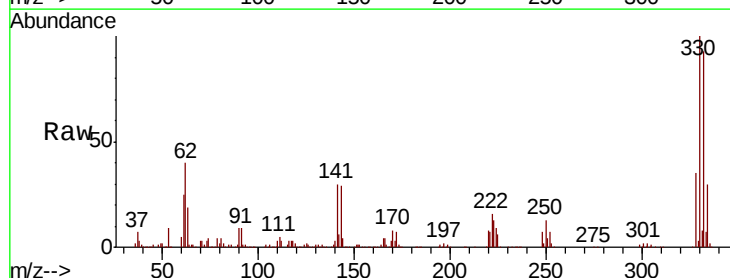
Tgt Ion:330 Resp: 904634

Ion Ratio Lower Upper

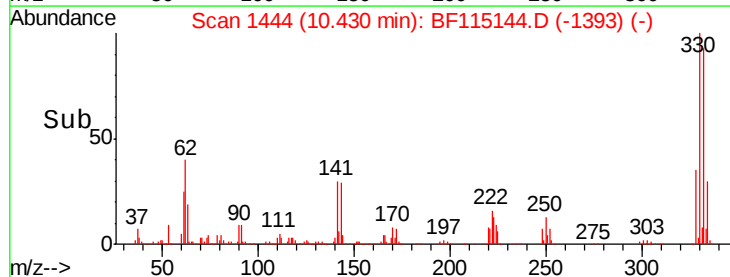
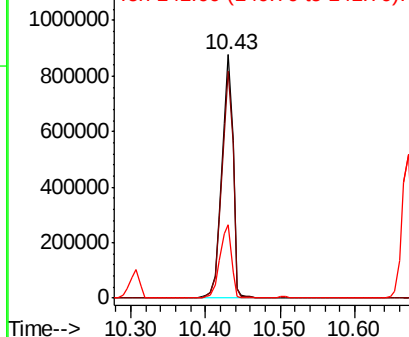
330 100

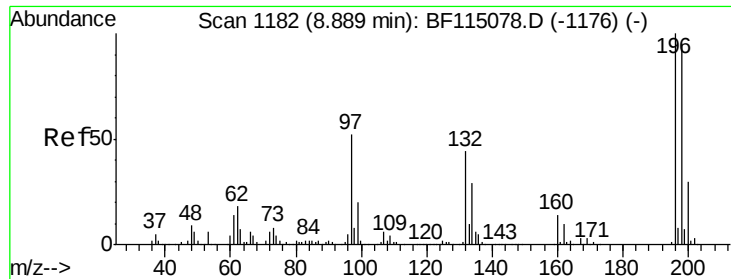
332 94.8 77.3 115.9

141 31.3 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

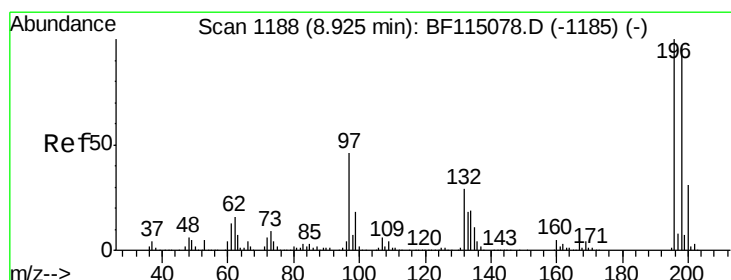
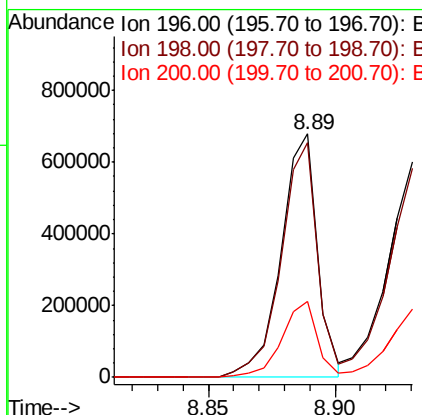
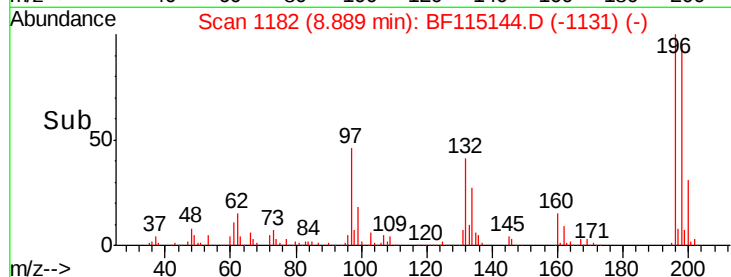
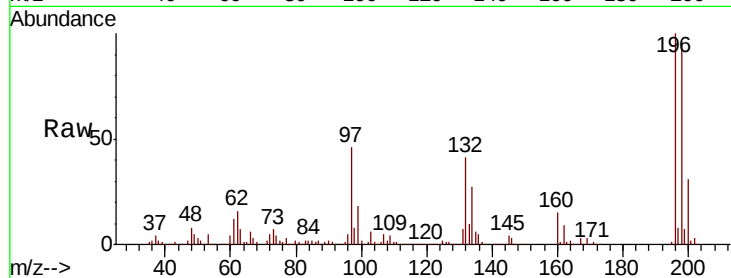




#43
 2,4,6-Trichlorophenol
 Concen: 44.822 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

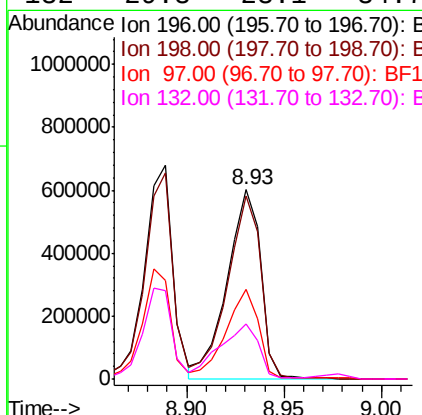
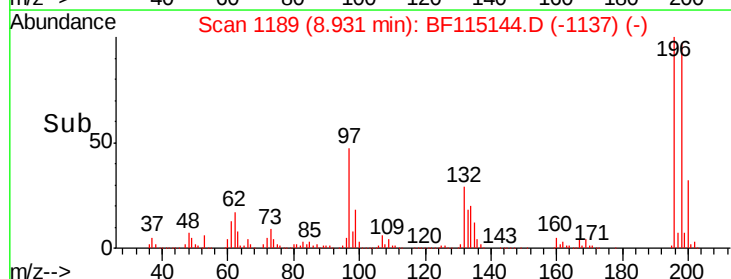
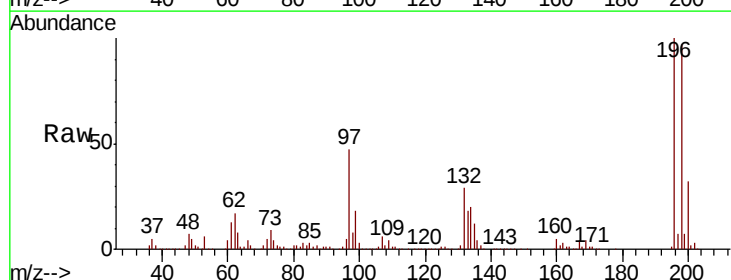
Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

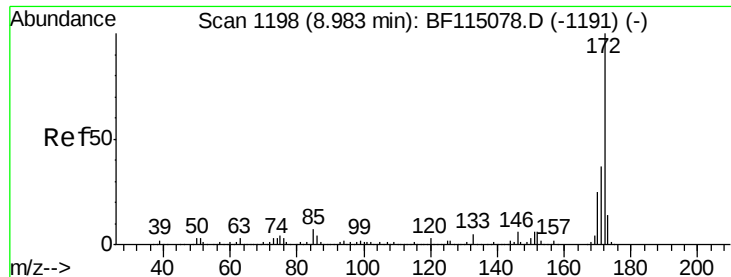
Tot Ion:196 Resp: 685118
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.3 114.5
 200 31.0 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.533 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion:196 Resp: 716747
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.1 115.7
 97 47.4 37.7 56.5
 132 29.3 23.1 34.7

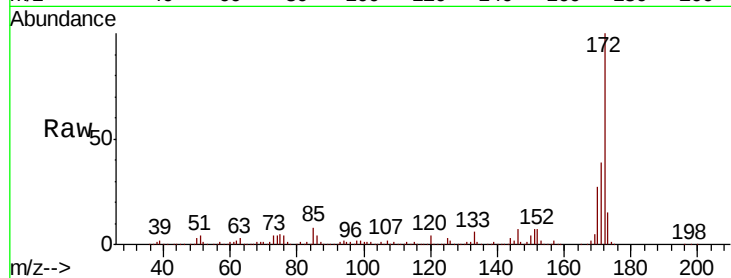




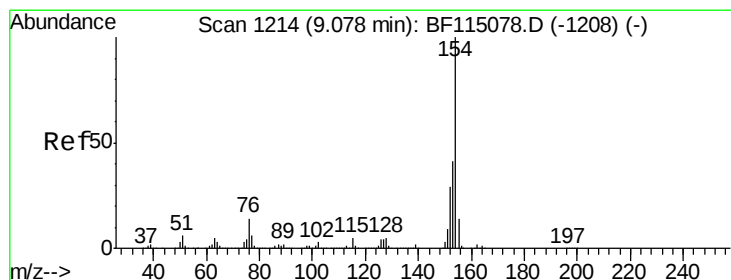
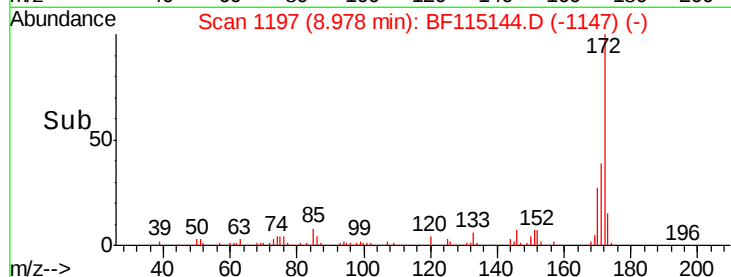
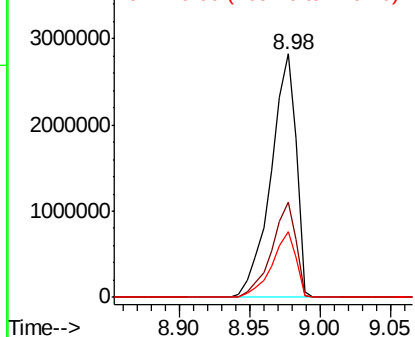
#45
2-Fluorobiphenyl
Concen: 85.895 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:172 Resp: 3542988
Ion Ratio Lower Upper
172 100
171 38.8 29.8 44.6
170 26.8 20.3 30.5

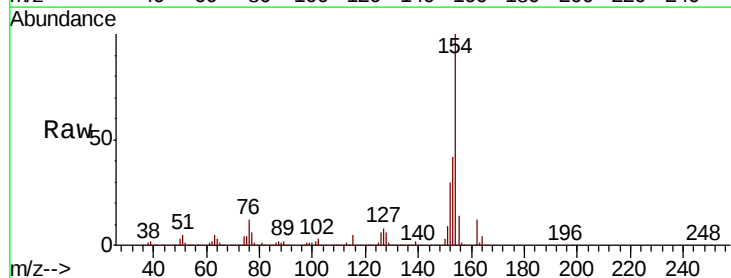


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

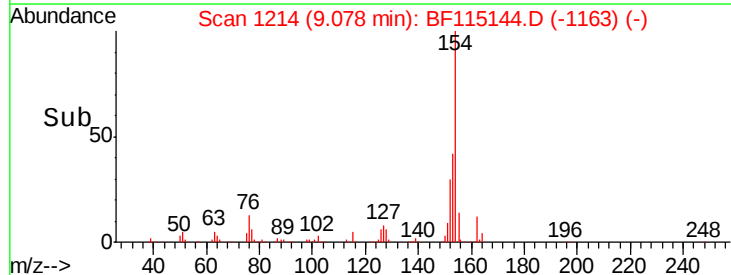
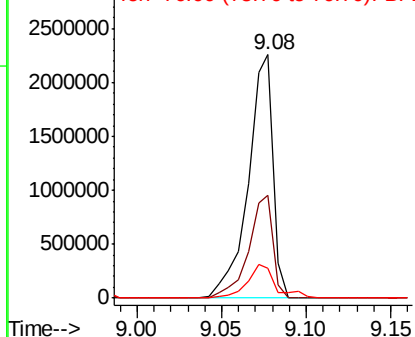


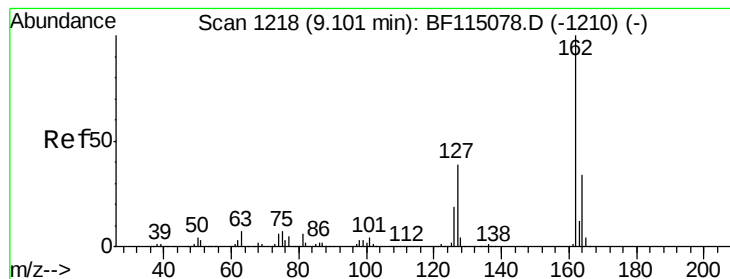
#46
1,1'-Biphenyl
Concen: 41.455 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:154 Resp: 2324042
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 12.5 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.490 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

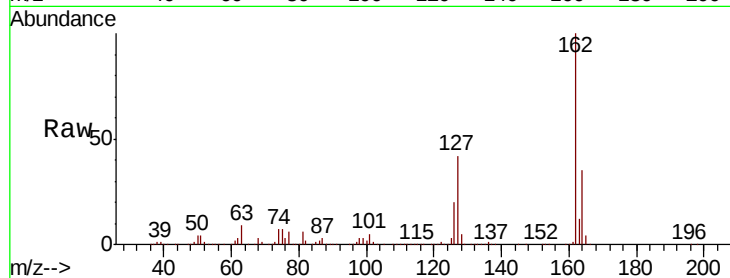
Tot Ion:162 Resp: 1886726

Ion Ratio Lower Upper

162 100

127 41.9 30.8 46.2

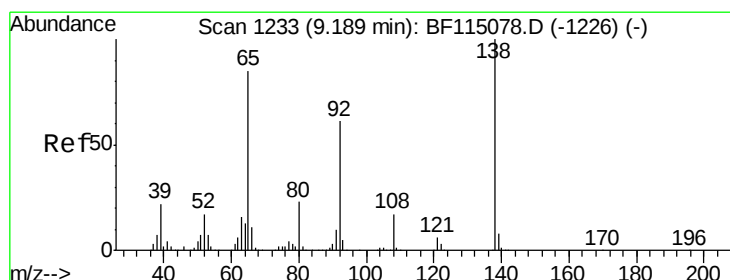
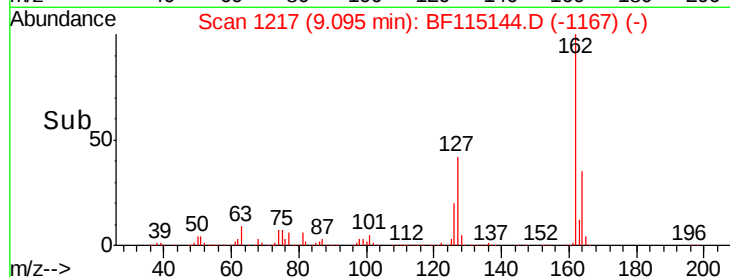
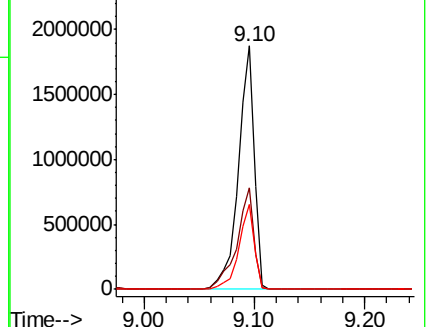
164 34.7 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.398 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

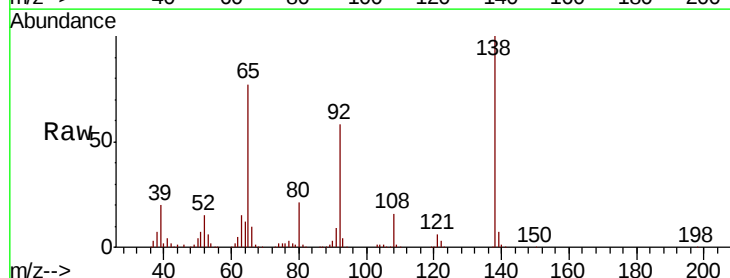
Tgt Ion: 65 Resp: 575355

Ion Ratio Lower Upper

65 100

92 74.7 57.4 86.2

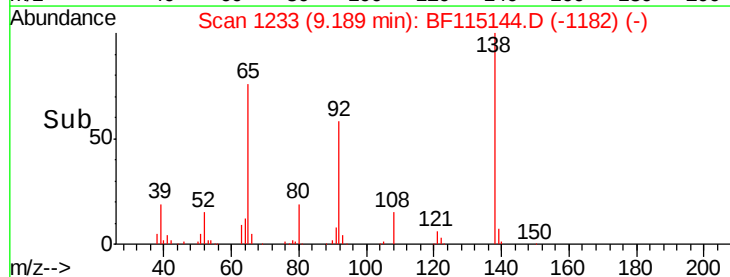
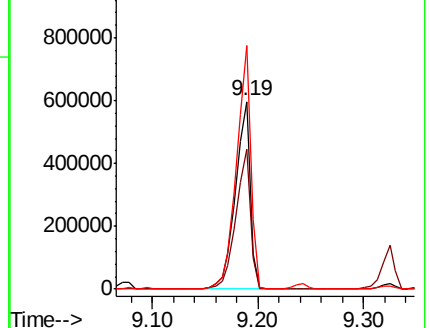
138 129.8 94.1 141.1

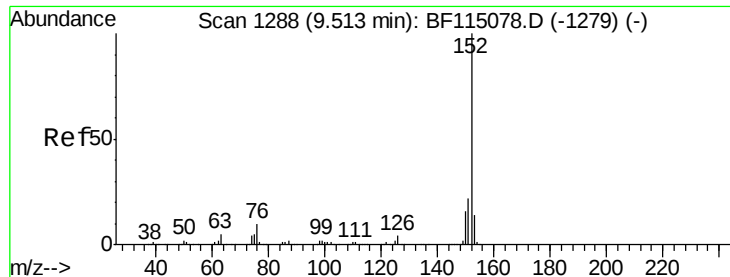


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.892 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

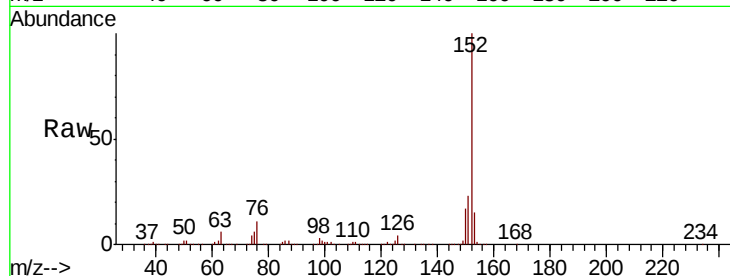
Tot Ion:152 Resp: 2897208

Ion Ratio Lower Upper

152 100

151 22.8 17.2 25.8

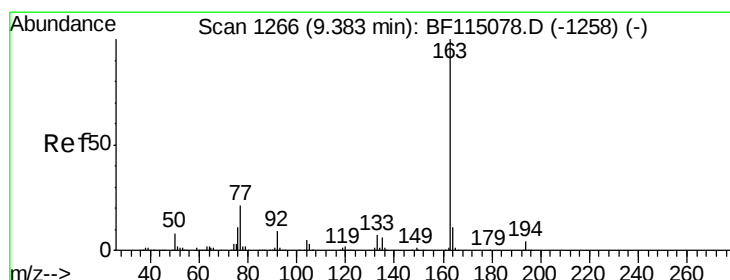
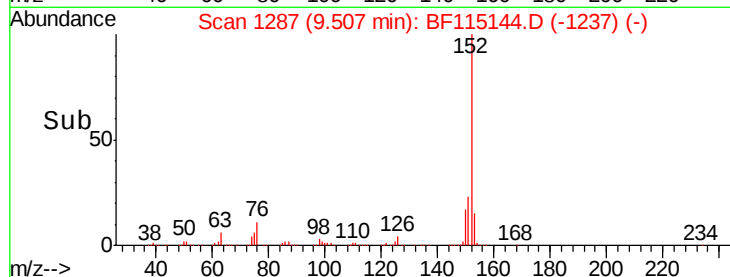
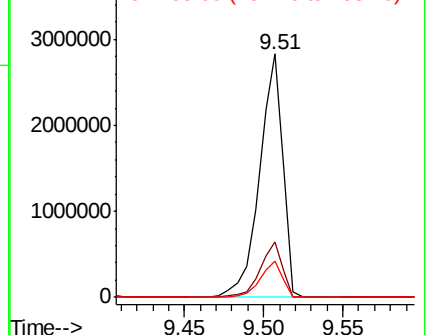
153 15.1 11.0 16.6



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: 41.864 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

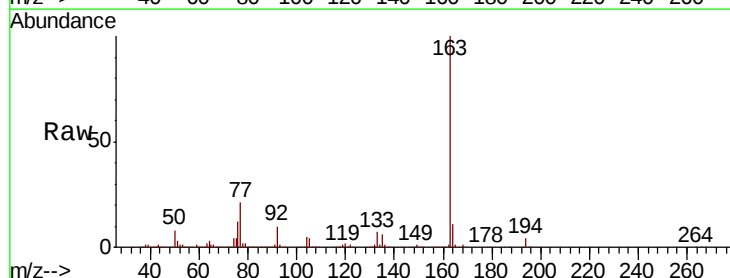
Tgt Ion:163 Resp: 2158022

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

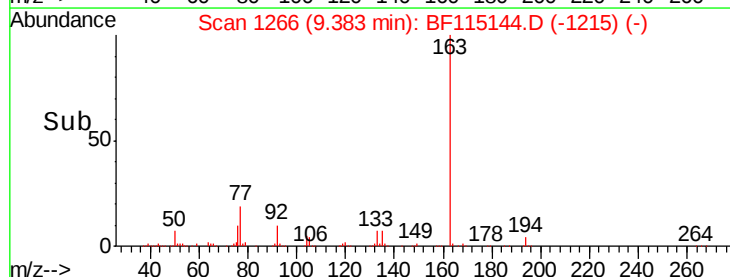
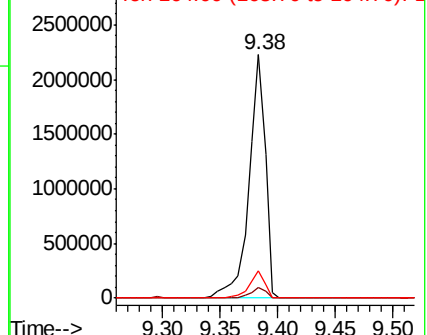
164 11.2 8.6 13.0

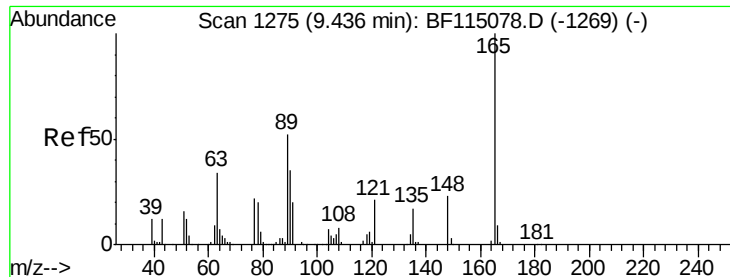


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

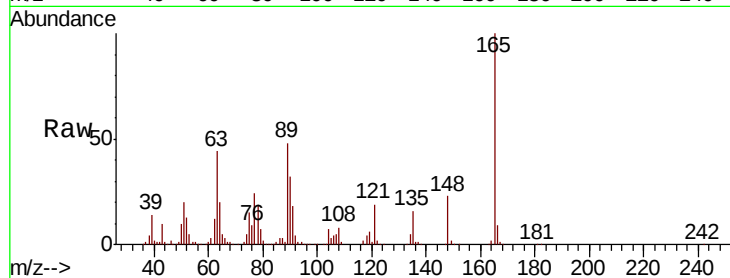




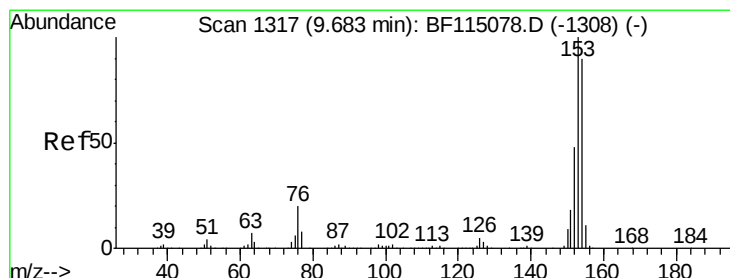
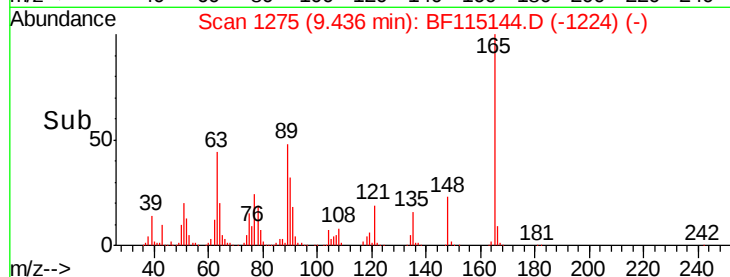
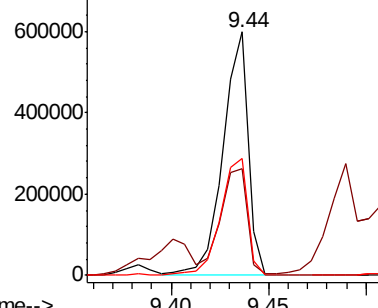
#51
2,6-Dinitrotoluene
Concen: 44.956 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:165 Resp: 535012
Ion Ratio Lower Upper
165 100
63 43.9 39.4 59.2
89 47.9 42.0 63.0

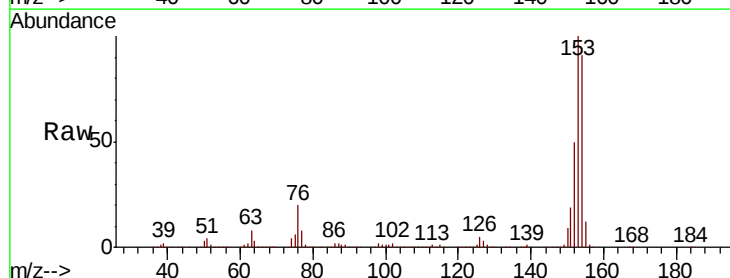


Abundance Ion 165.00 (164.70 to 165.70): E
800000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

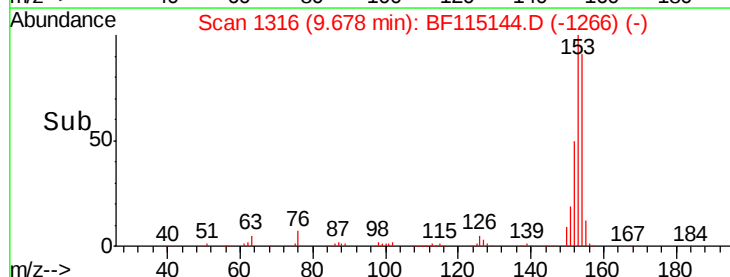
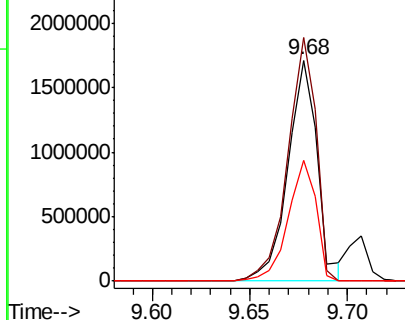


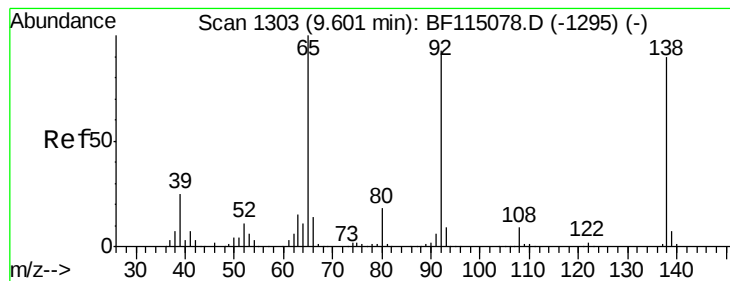
#52
Acenaphthene
Concen: 40.248 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:154 Resp: 1784381
Ion Ratio Lower Upper
154 100
153 110.1 88.7 133.1
152 54.7 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
2500000 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.171 ng

RT: 9.60 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

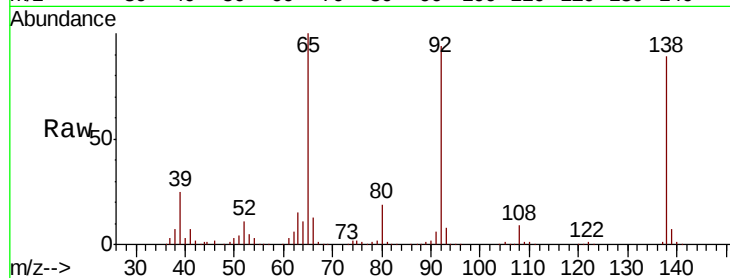
Tot Ion:138 Resp: 394595

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

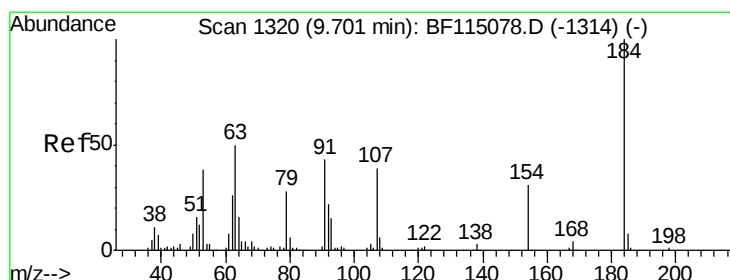
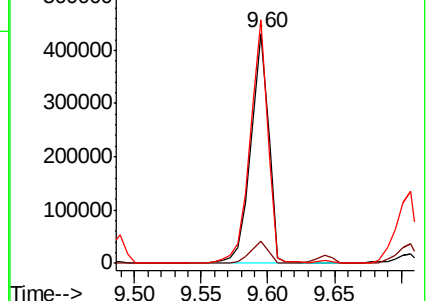
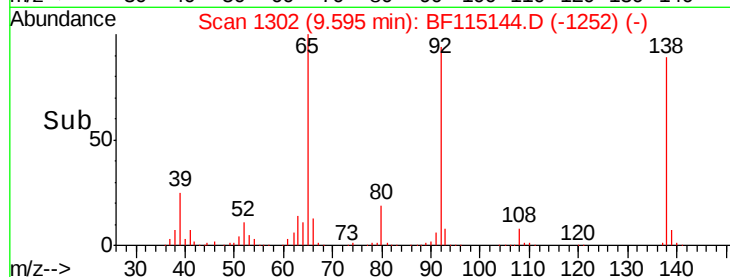
92 105.8 82.9 124.3



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: 90.504 ng

RT: 9.71 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

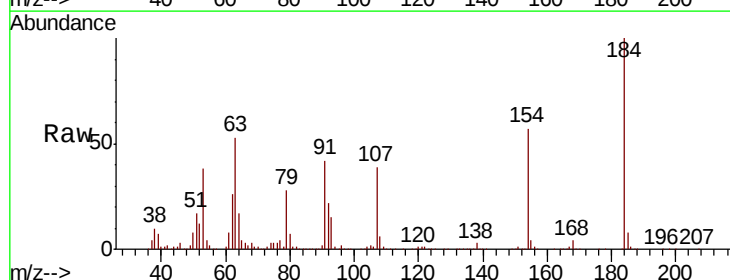
Tgt Ion:184 Resp: 560729

Ion Ratio Lower Upper

184 100

63 52.9 41.9 62.9

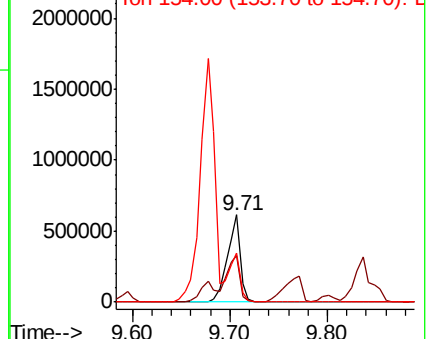
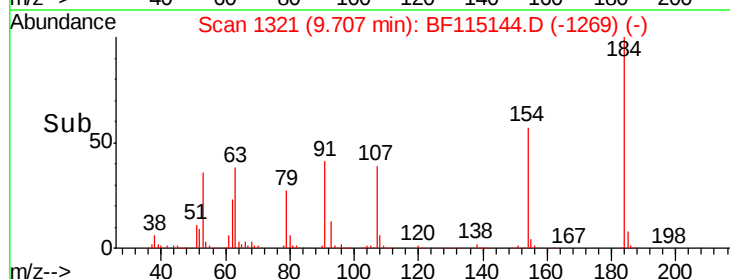
154 57.0 44.7 67.1

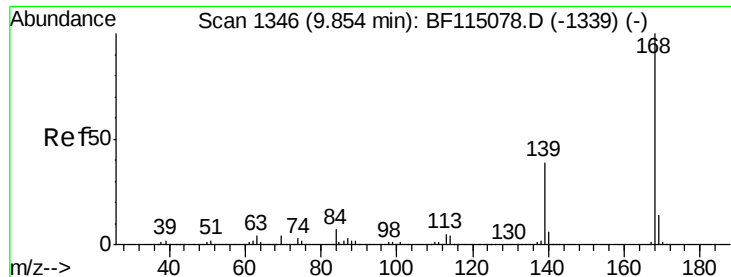


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

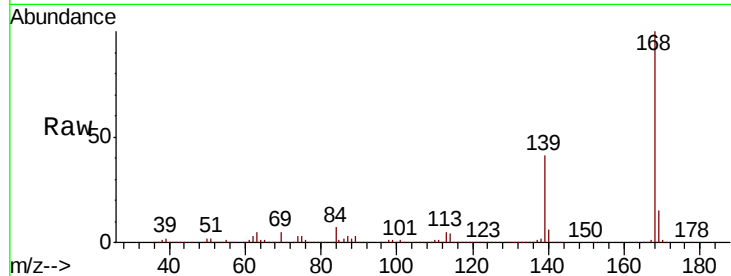




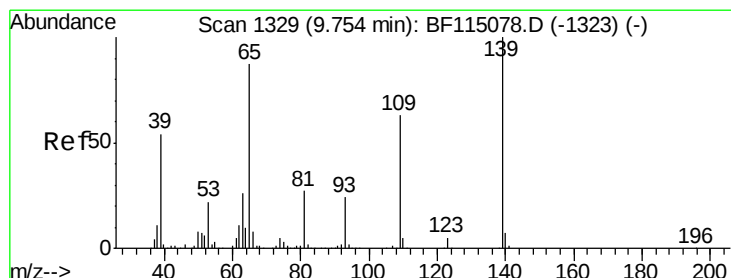
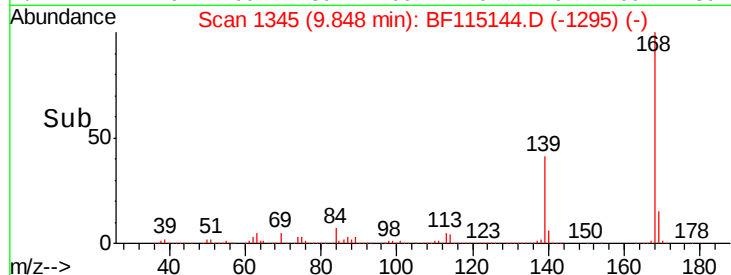
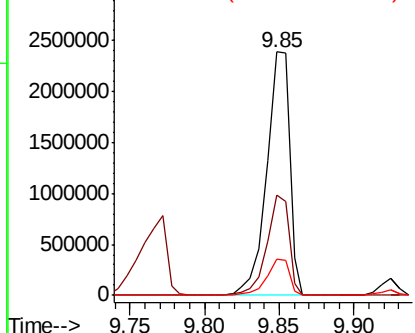
#55
Dibenzofuran
Concen: 39.994 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:168 Resp: 2544904
Ion Ratio Lower Upper
168 100
139 41.0 31.1 46.7
169 15.0 11.3 16.9

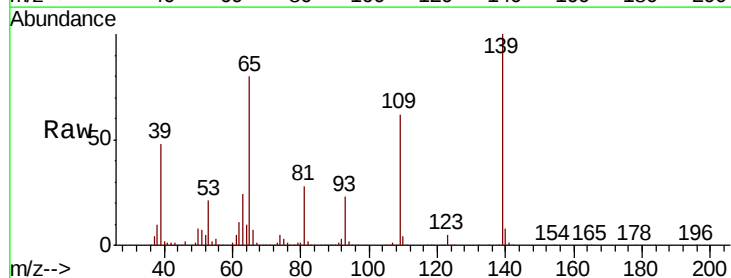


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

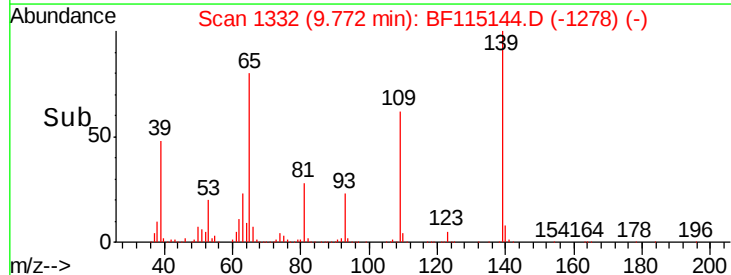
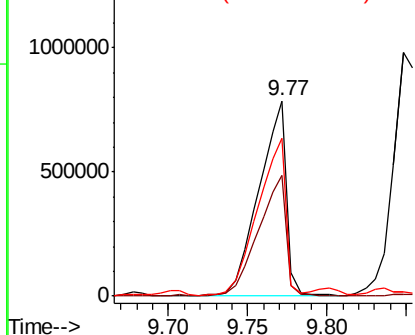


#56
4-Nitrophenol
Concen: 82.291 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:139 Resp: 958108
Ion Ratio Lower Upper
139 100
109 62.1 43.0 83.0
65 80.5 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

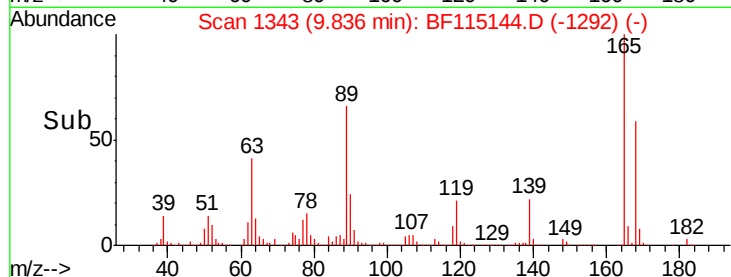
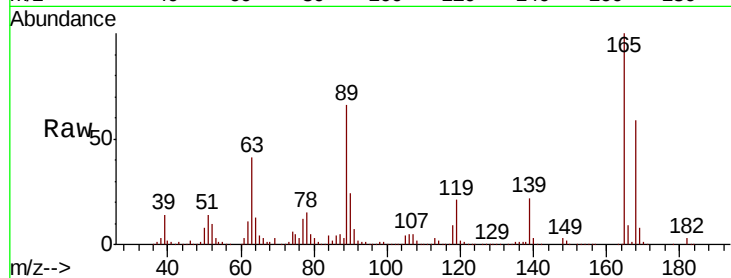




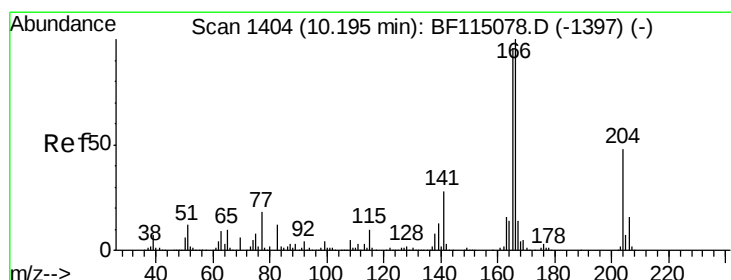
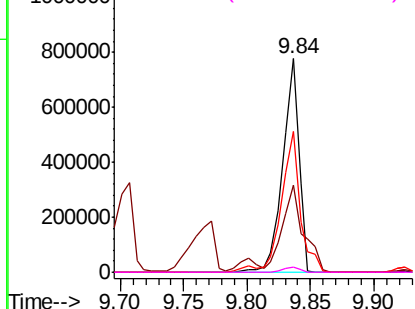
#57
2,4-Dinitrotoluene
Concen: 45.041 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:165	Resp: 692110
Ion Ratio	Lower Upper
165 100	
63 40.7	27.5 41.3
89 66.2	49.9 74.9
182 2.6	2.1 3.1

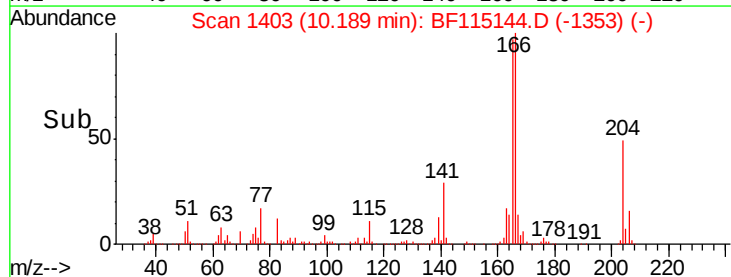
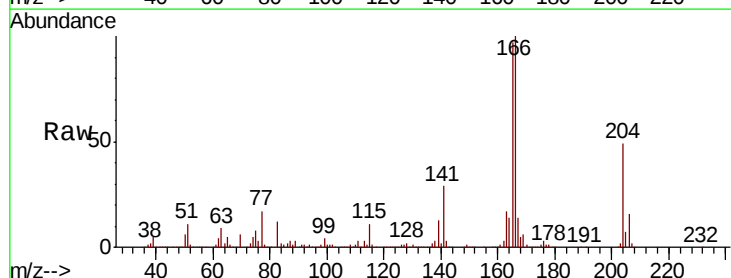


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

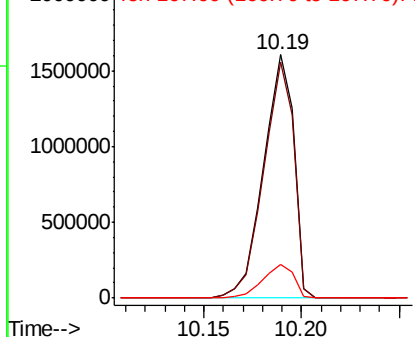


#58
Fluorene
Concen: 40.136 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt	Ion:166	Resp:	1730584
Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.5	114.7
167	14.0	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

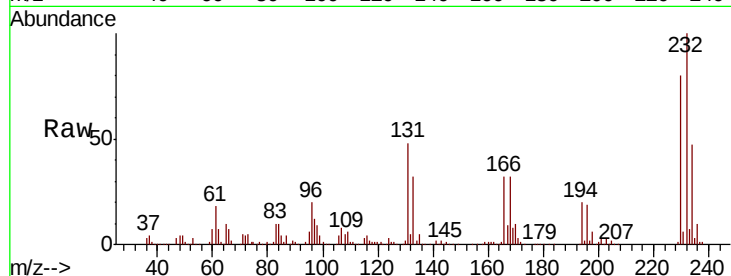




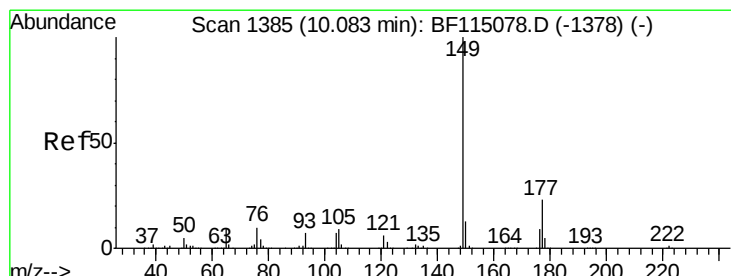
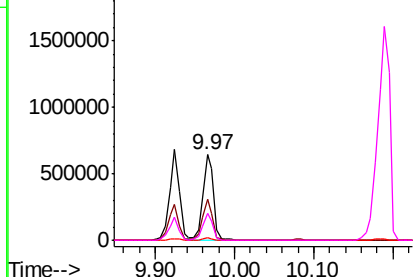
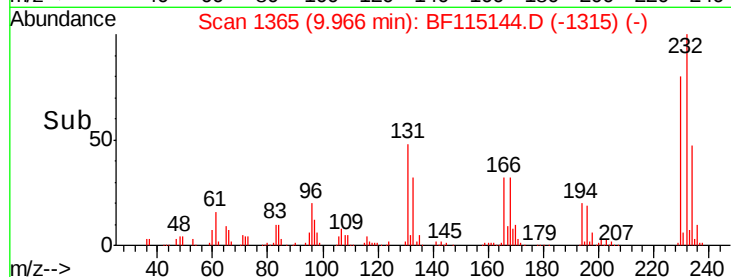
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.363 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion:232 Resp: 611961
 Ion Ratio Lower Upper
 232 100
 131 44.9 37.4 56.0
 130 2.2 1.8 2.6
 166 30.1 24.6 36.8

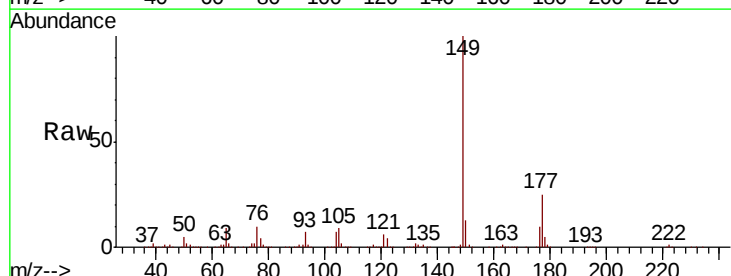


Abundance Ion 232.00 (231.70 to 232.70): E
 2500000 Ion 131.00 (130.70 to 131.70): E
 2000000 Ion 130.00 (129.70 to 130.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 1000000
 500000
 0

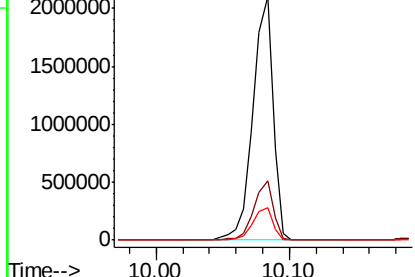
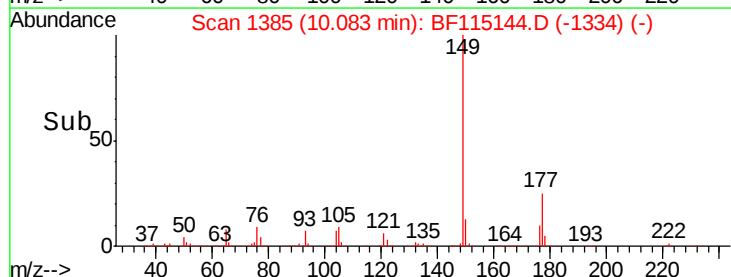


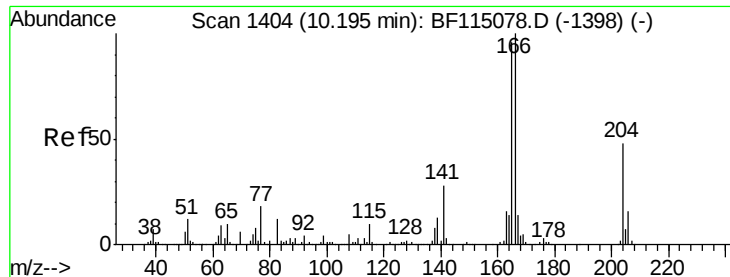
#60
 Diethylphthalate
 Concen: 41.495 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion:149 Resp: 2150121
 Ion Ratio Lower Upper
 149 100
 177 24.6 18.7 28.1
 150 13.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 177.00 (176.70 to 177.70): E
 2000000 Ion 150.00 (149.70 to 150.70): E
 1500000
 1000000
 500000
 0

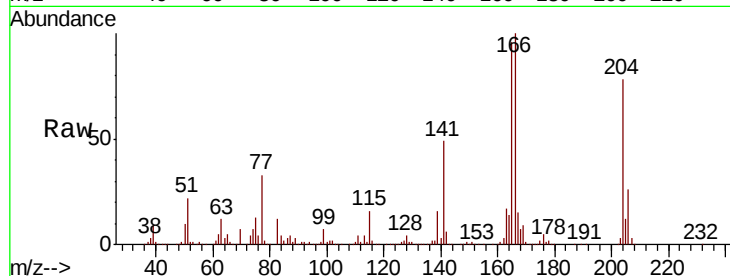




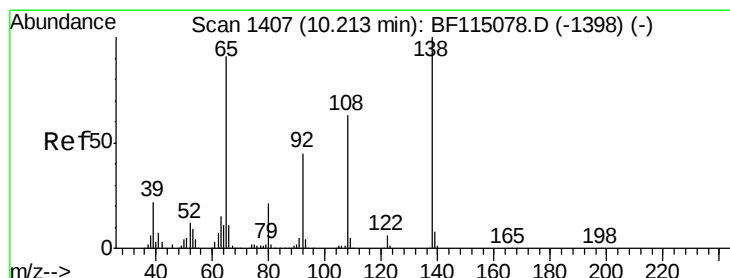
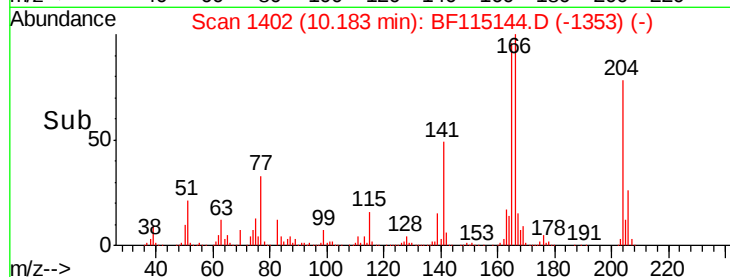
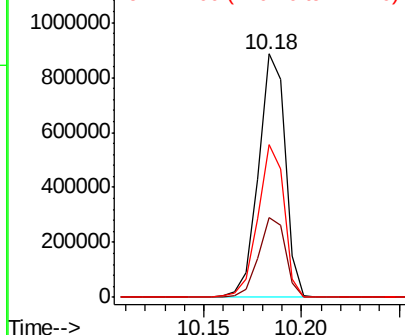
#61
4-Chlorophenyl-phenylether
Concen: 41.189 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:204 Resp: 840854
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 62.6 46.7 70.1

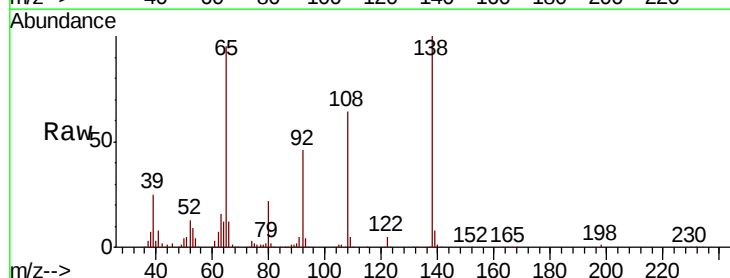


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

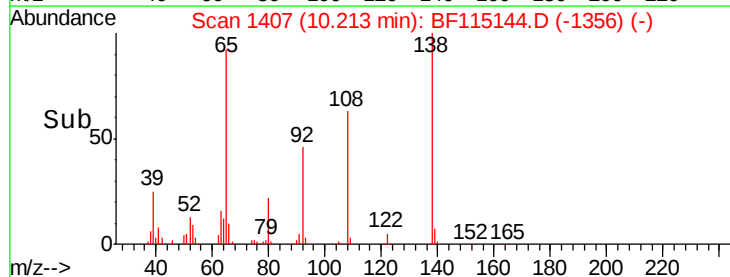
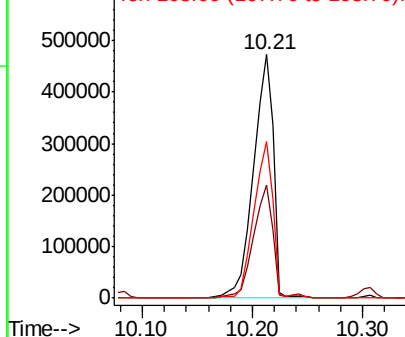


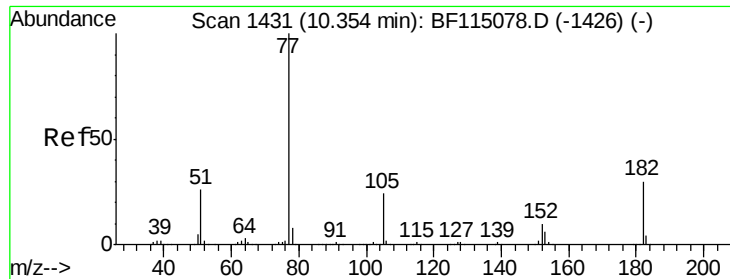
#62
4-Nitroaniline
Concen: 41.124 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:138 Resp: 599149
Ion Ratio Lower Upper
138 100
92 46.2 24.8 64.8
108 64.4 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

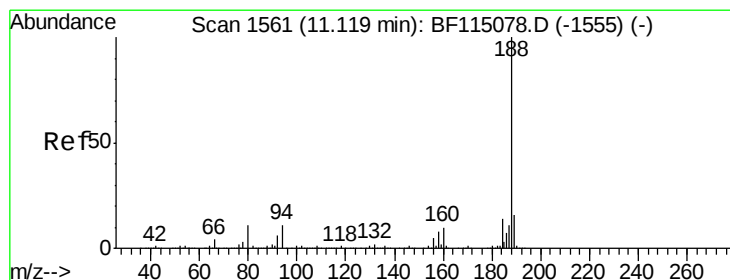
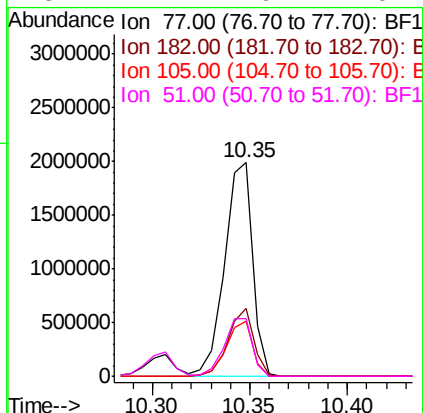
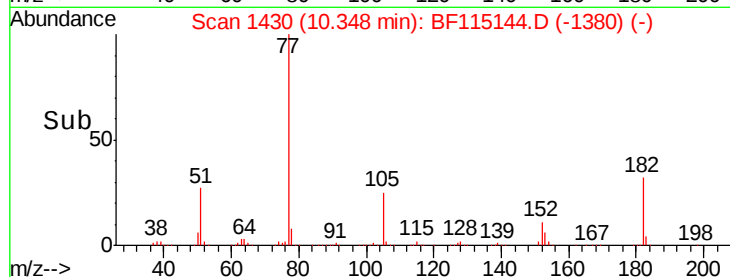
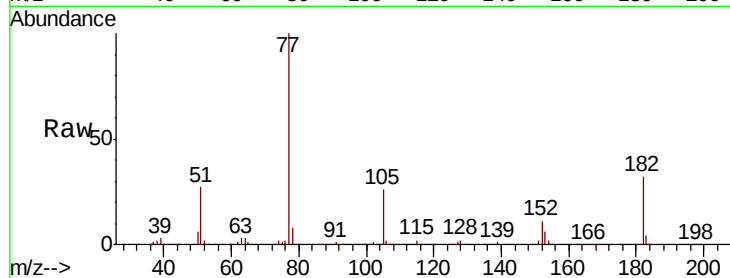




#63
Azobenzene
Concen: 40.784 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

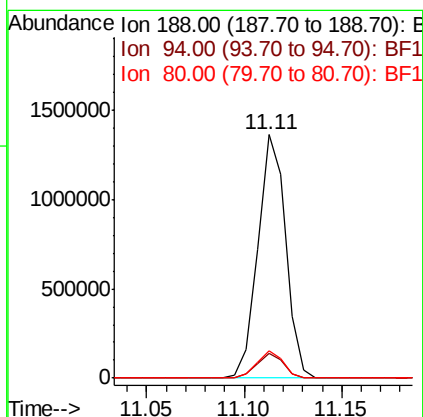
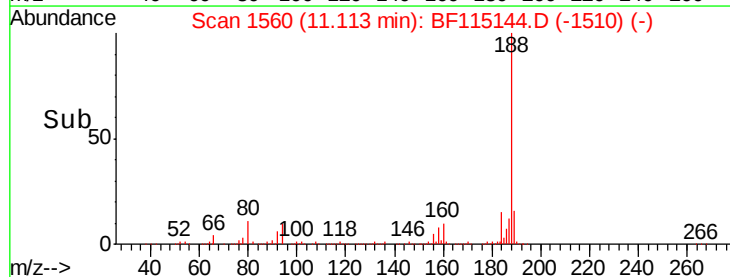
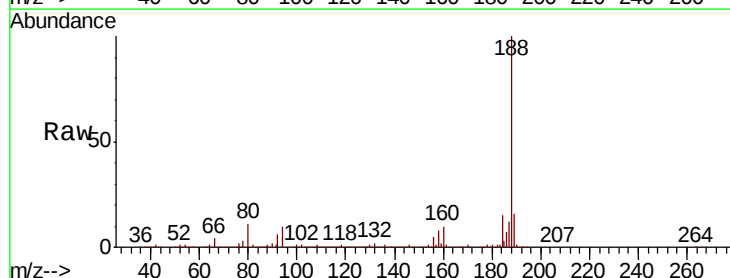
Instrument :
BNA_F
ClientSampleId :
PB120809BS

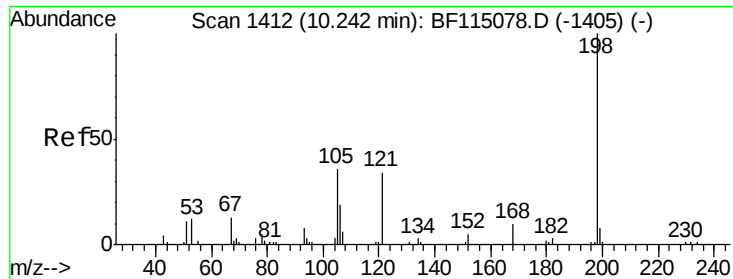
Tot Ion: 77 Resp: 1973843
Ion Ratio Lower Upper
77 100
182 32.0 10.1 50.1
105 25.5 4.5 44.5
51 27.2 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion: 188 Resp: 1346270
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 11.1 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 47.537 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

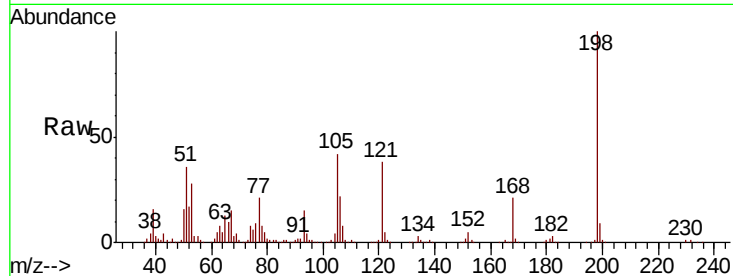
Tot Ion:198 Resp: 340143

Ion Ratio Lower Upper

198 100

51 36.3 11.0 51.0

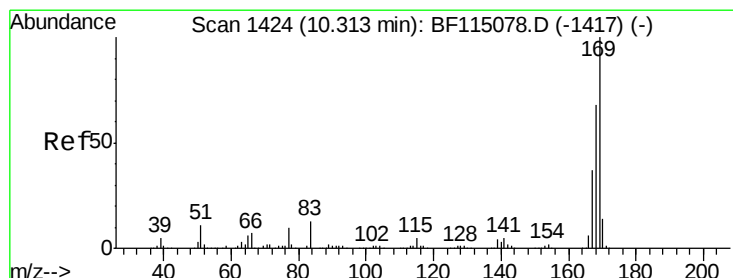
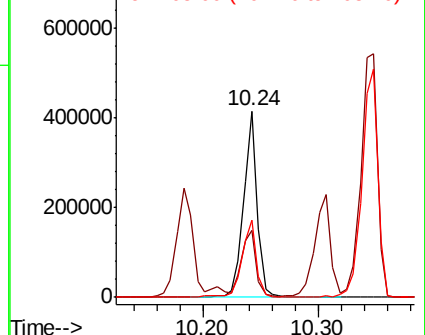
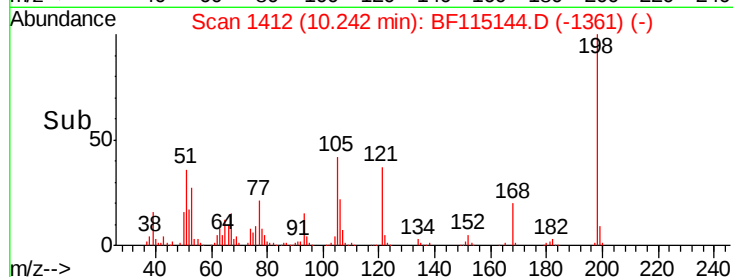
105 41.6 17.3 57.3



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: 42.838 ng

RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

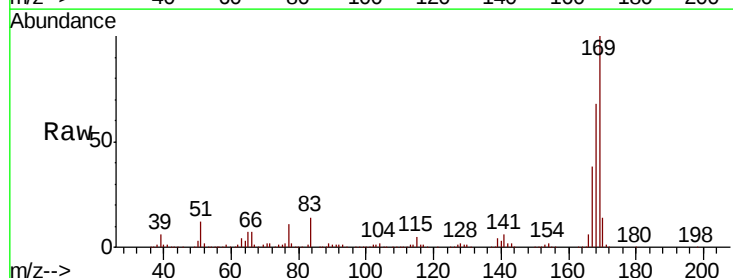
Tgt Ion:169 Resp: 1796737

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

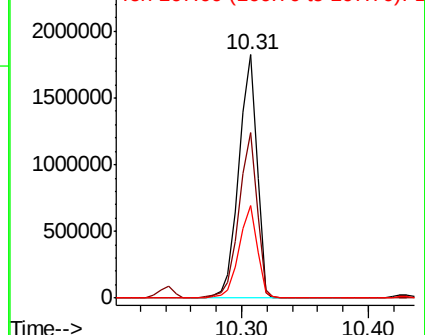
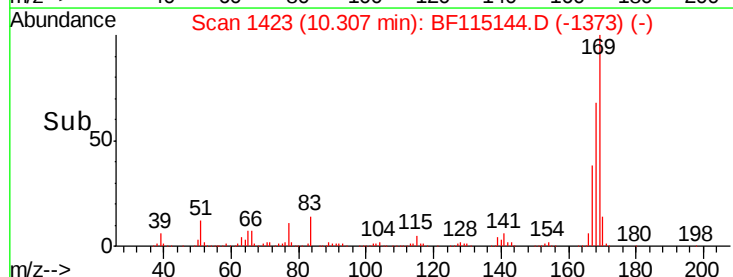
167 37.9 29.4 44.0



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

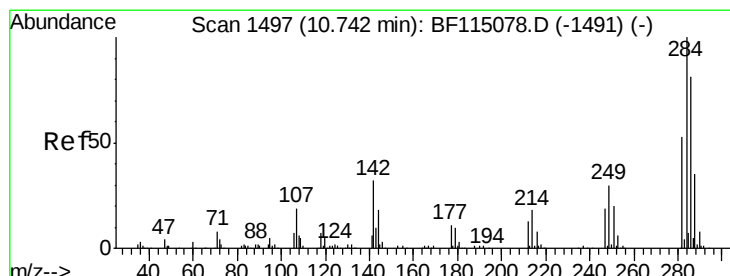
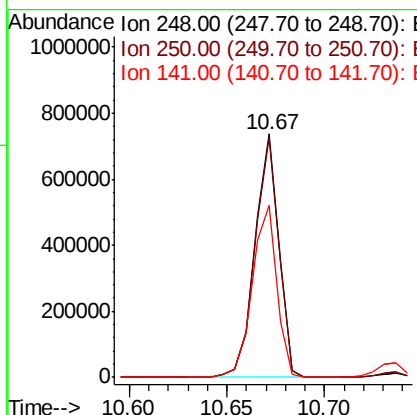
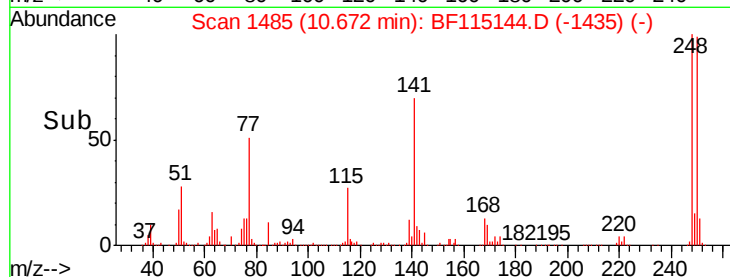
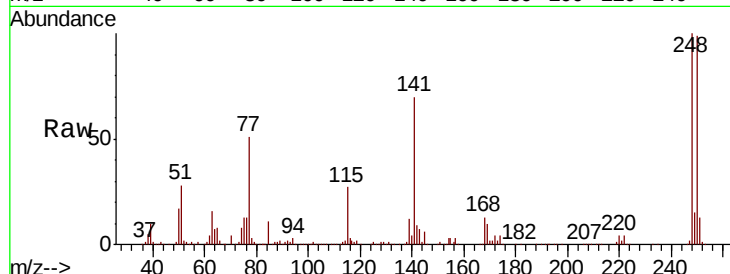




#67
 4-Bromophenyl-phenylether
 Concen: 42.871 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

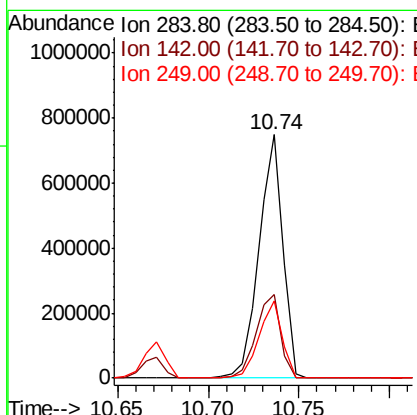
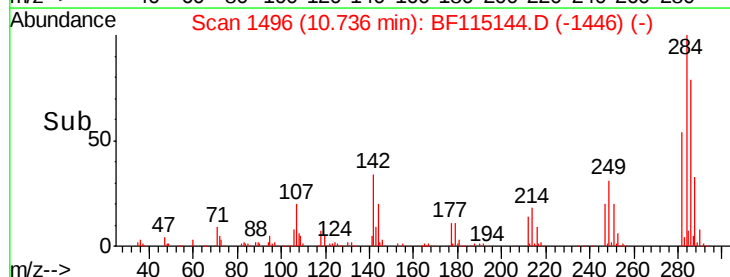
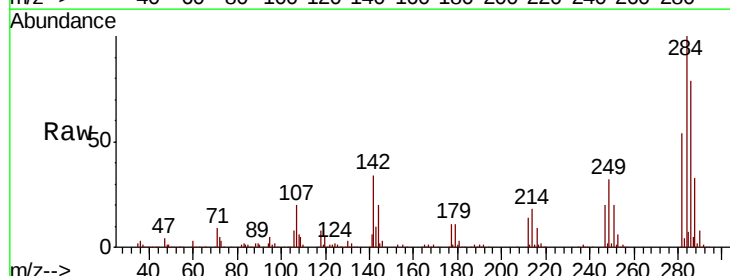
Instrument :
 BNA_F
 ClientSampleID :
 PB120809BS

Tot Ion:	248	Resp:	625753
Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.2	114.2
141	70.5	59.6	89.4



#68
 Hexachlorobenzene
 Concen: 43.109 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion:	284	Resp:	682992
Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.8	38.8
249	31.5	24.2	36.4

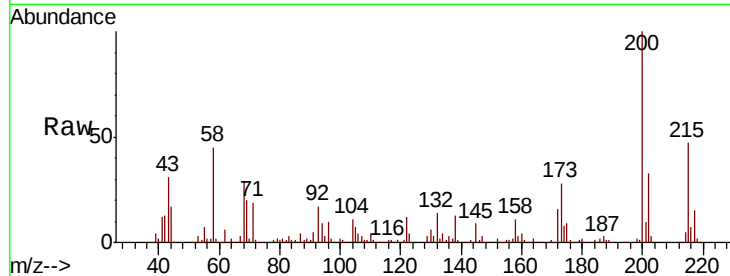




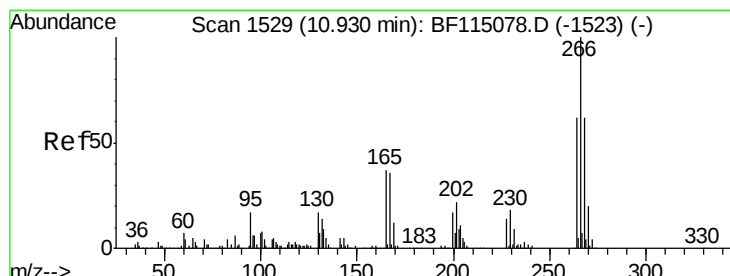
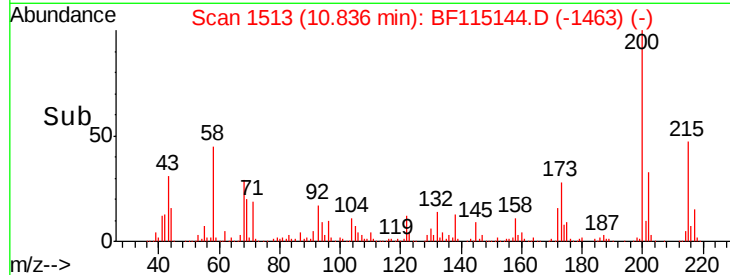
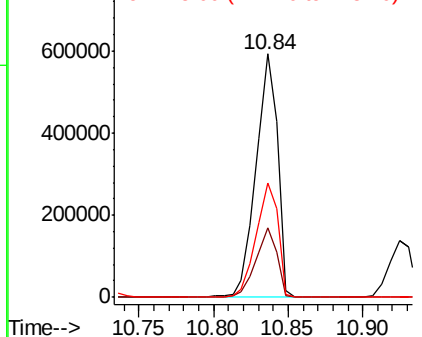
#69
Atrazine
Concen: 43.415 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	47.0	27.8	67.8

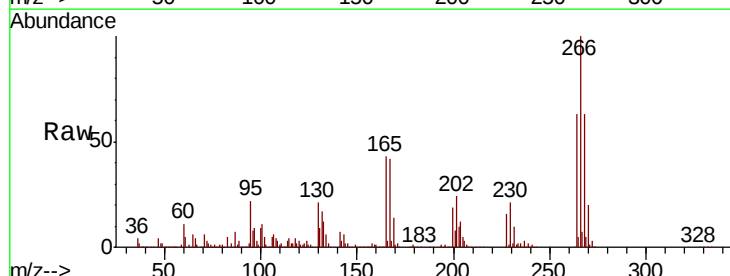


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

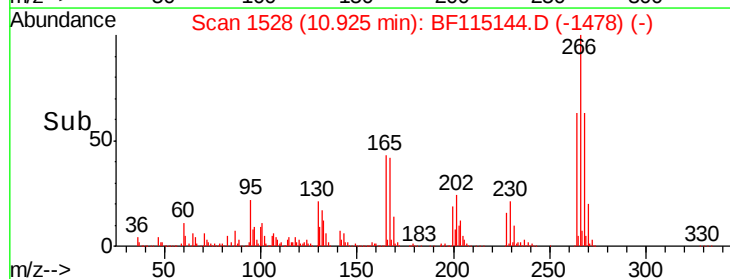
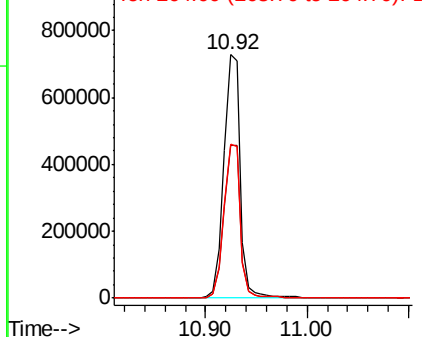


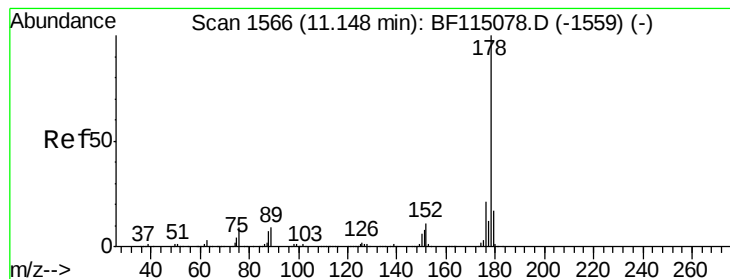
#70
Pentachlorophenol
Concen: 81.365 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.5	74.3
264	63.3	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.456 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

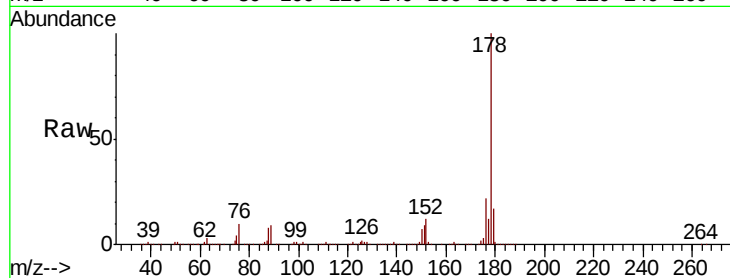
Tot Ion:178 Resp: 2859945

Ion Ratio Lower Upper

178 100

176 22.0 16.9 25.3

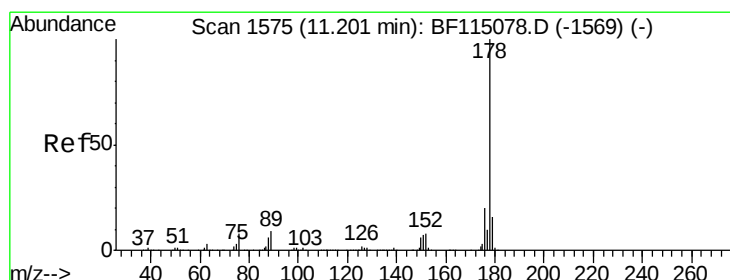
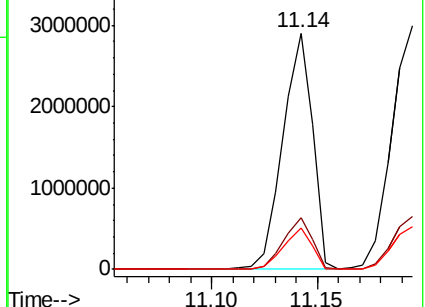
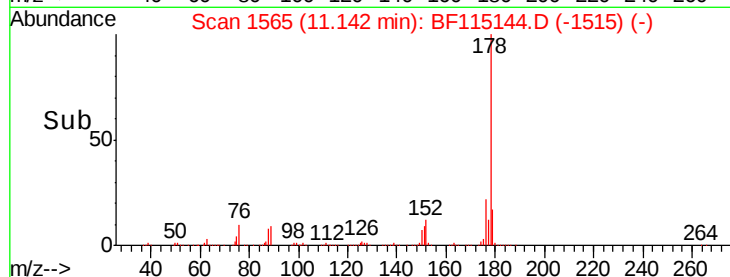
179 17.5 13.2 19.8



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: 39.386 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

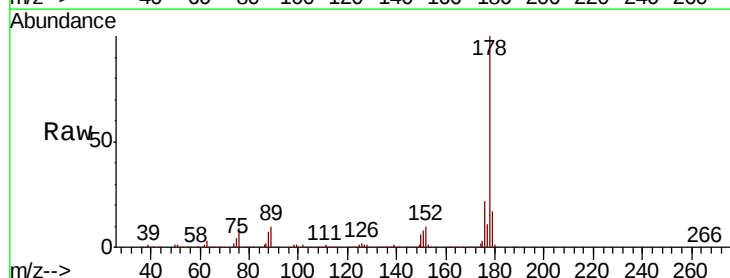
Tgt Ion:178 Resp: 2881827

Ion Ratio Lower Upper

178 100

176 21.6 16.1 24.1

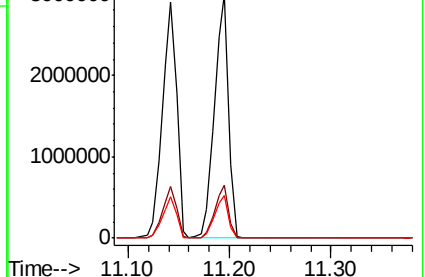
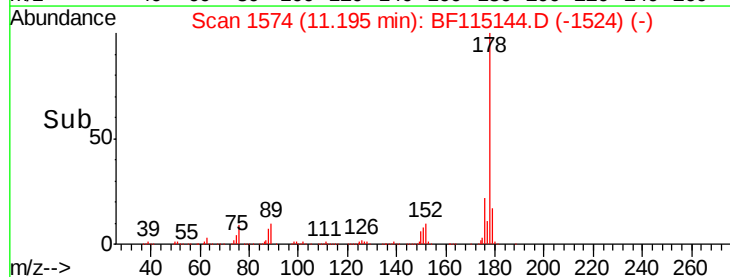
179 17.5 12.9 19.3



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

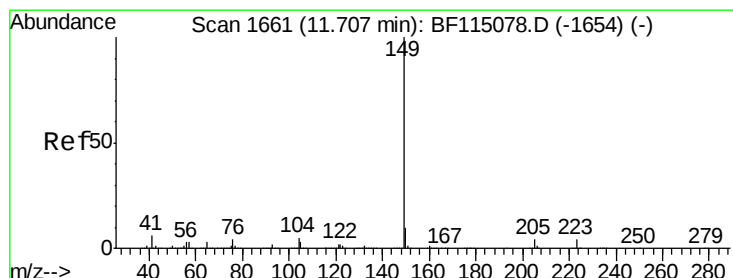
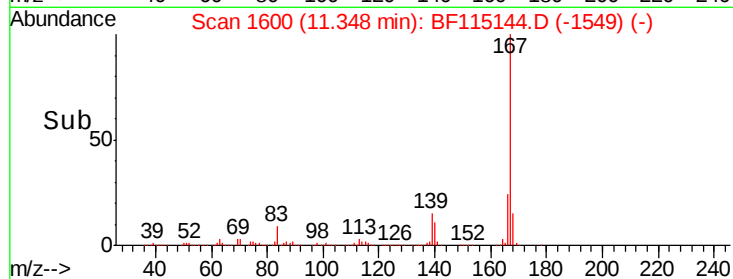
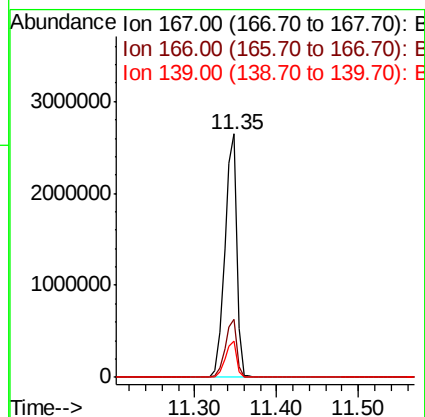
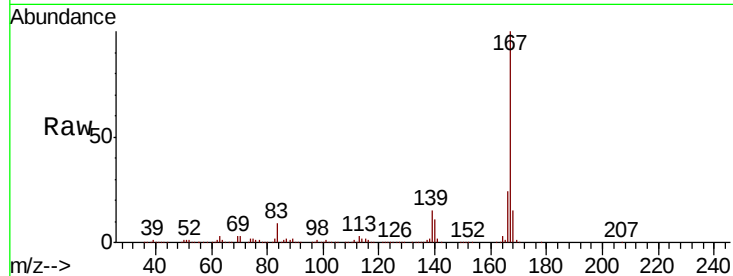




#73
 Carbazole
 Concen: 40.925 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

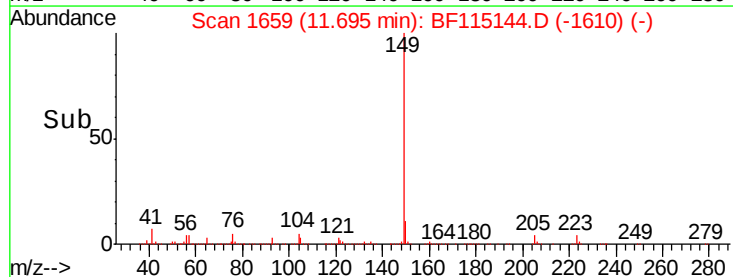
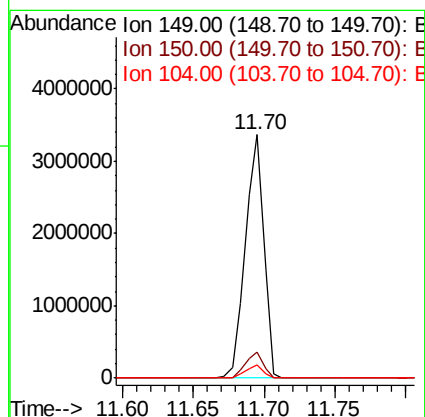
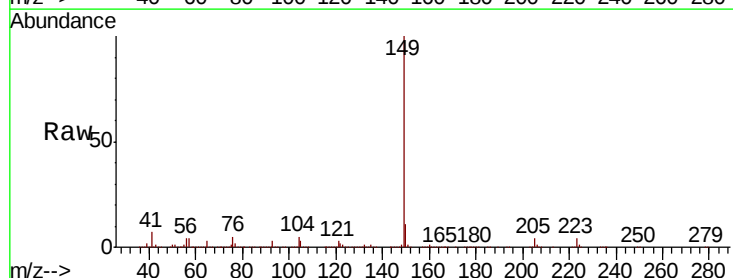
Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

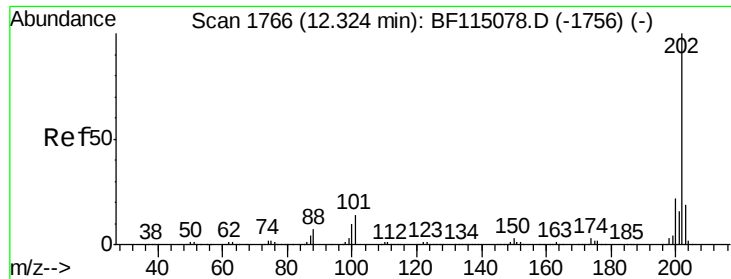
Tot Ion:167 Resp: 2673928
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.0 27.0
 139 14.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.520 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion:149 Resp: 3059279
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.8 11.8
 104 5.4 3.7 5.5





#75

Fluoranthene

Concen: 40.928 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

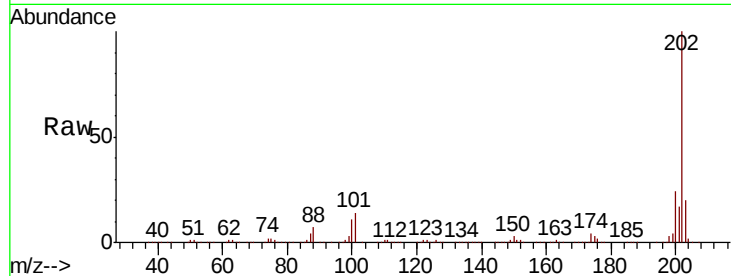
Tot Ion:202 Resp: 2959984

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.0
203	19.5	0.0	38.8

202 100

101 14.1 0.0 34.0

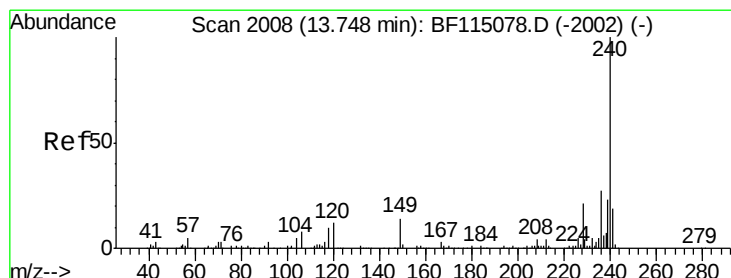
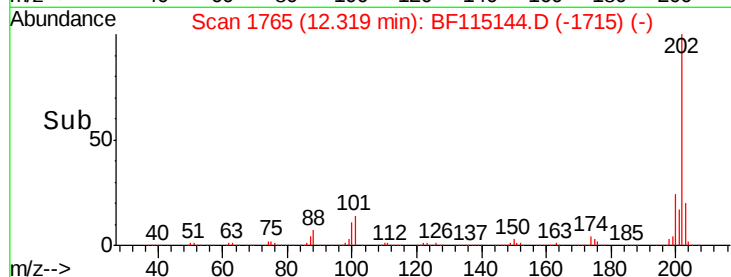
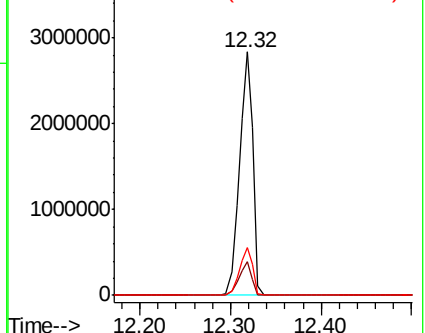
203 19.5 0.0 38.8



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: BF115144.D

Acq: 24 Jun 2019 12:31

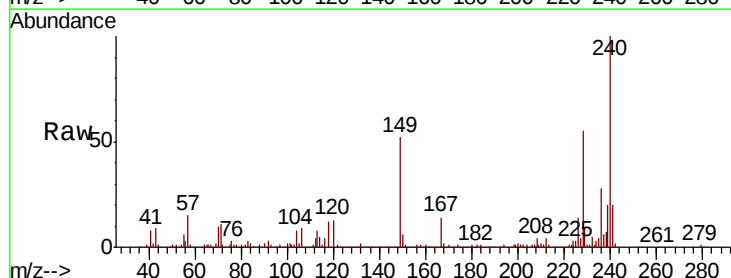
Tgt Ion:240 Resp: 887704

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.4	14.2
236	27.7	21.7	32.5

240 100

120 13.1 9.4 14.2

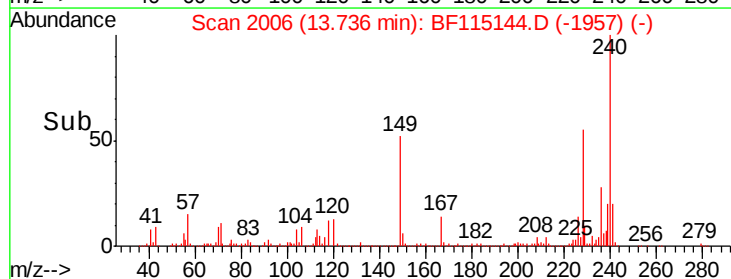
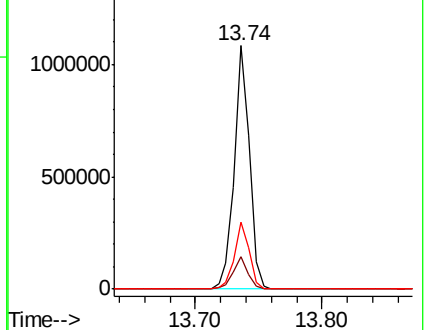
236 27.7 21.7 32.5

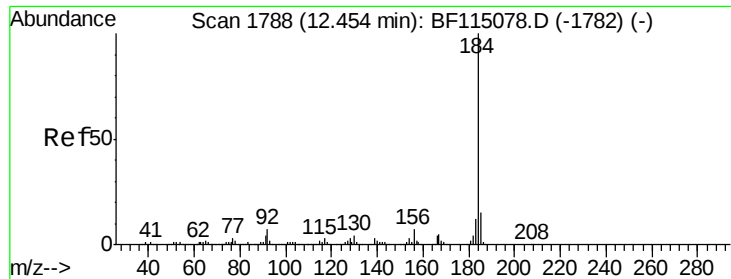


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.351 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

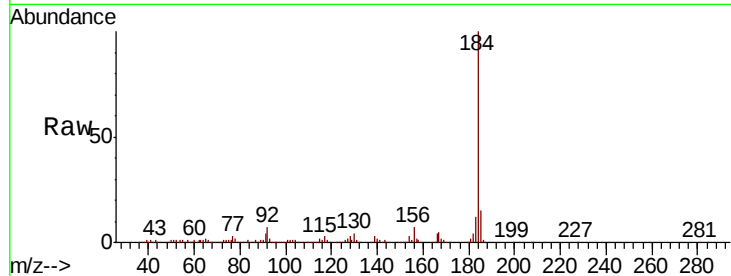
Tot Ion:184 Resp: 959872

Ion Ratio Lower Upper

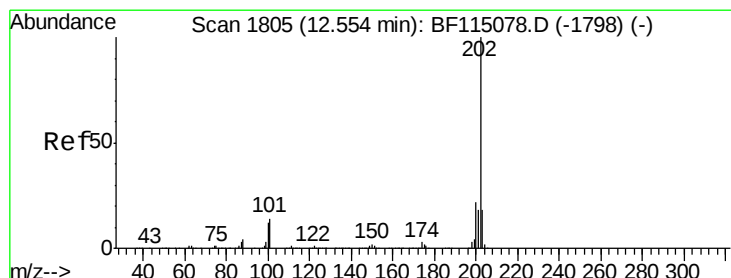
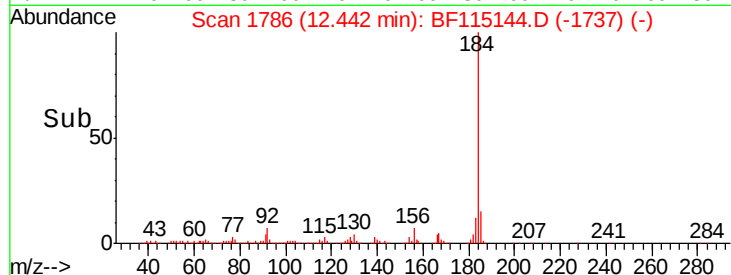
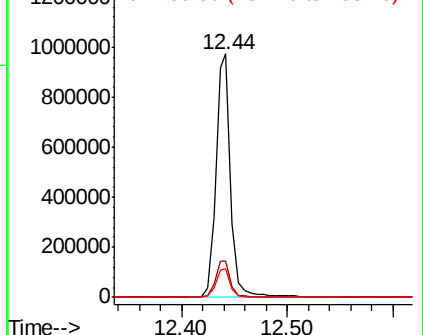
184 100

185 14.9 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: 43.939 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

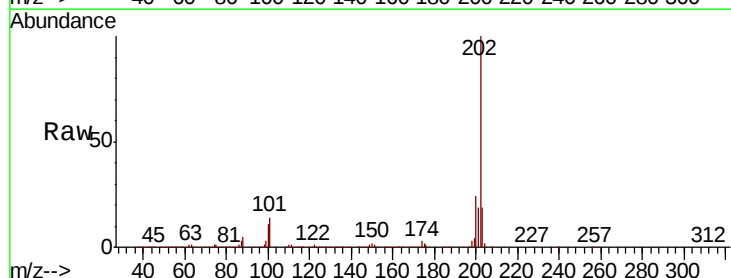
Tgt Ion:202 Resp: 2997524

Ion Ratio Lower Upper

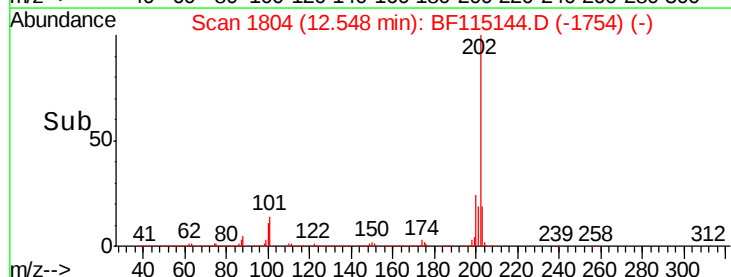
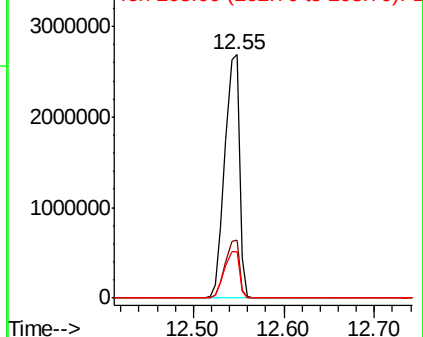
202 100

200 23.7 17.9 26.9

203 19.0 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: 86.383 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

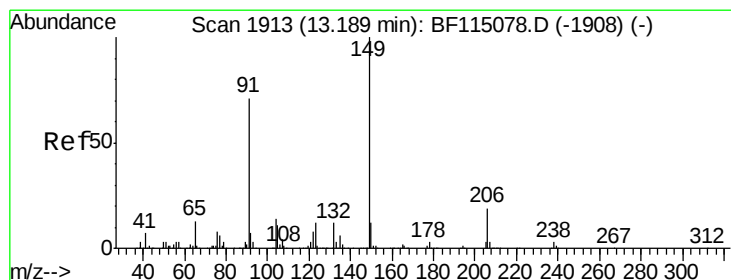
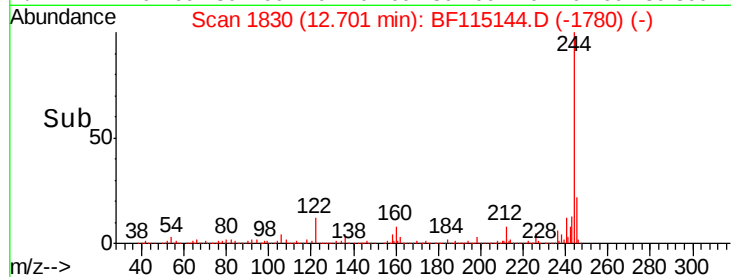
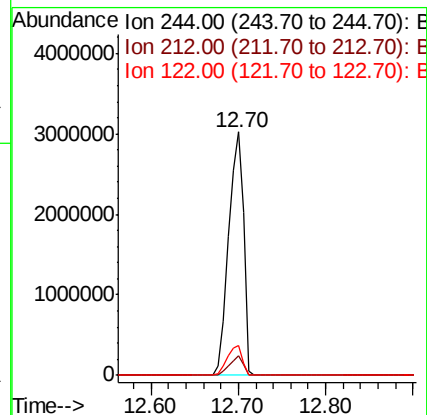
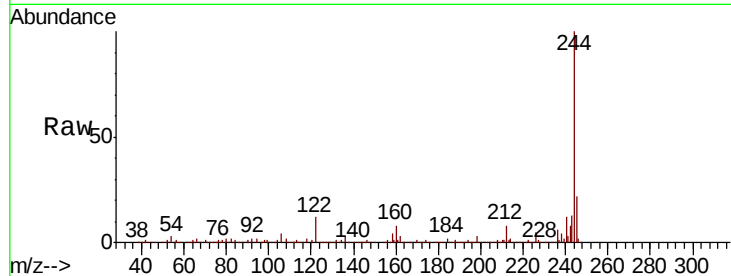
Tot Ion:244 Resp: 3606638

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 12.2 10.4 15.6



#80

Butylbenzylphthalate

Concen: 48.424 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

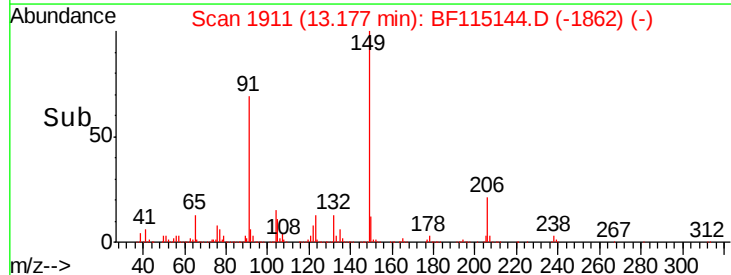
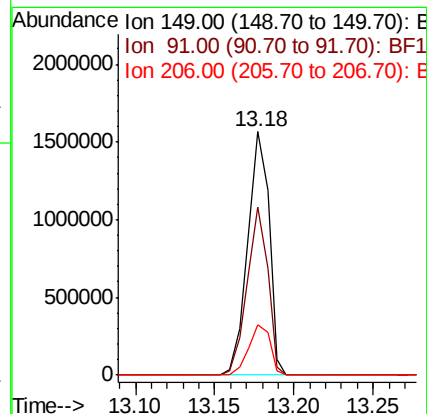
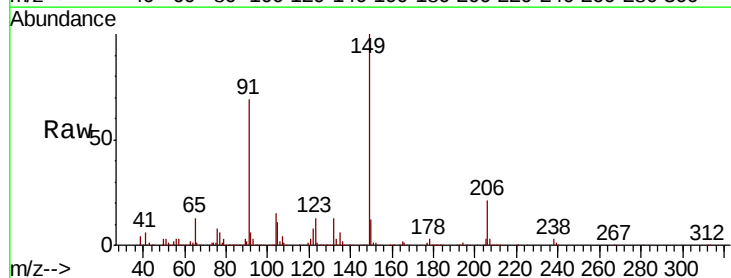
Tgt Ion:149 Resp: 1457886

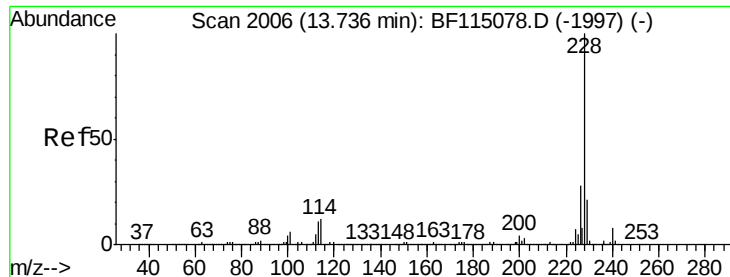
Ion Ratio Lower Upper

149 100

91 69.1 56.5 84.7

206 20.7 15.3 22.9





#81

Benzo(a)anthracene

Concen: 43.471 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

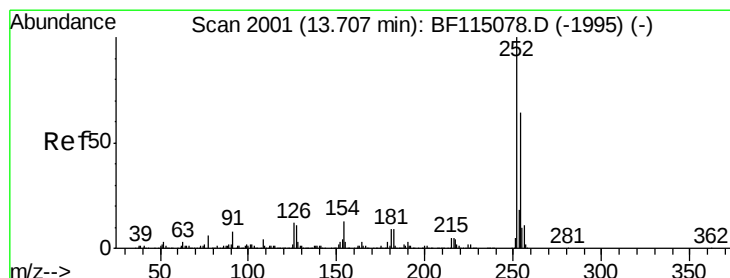
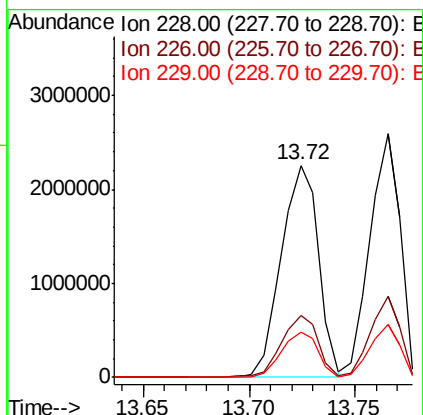
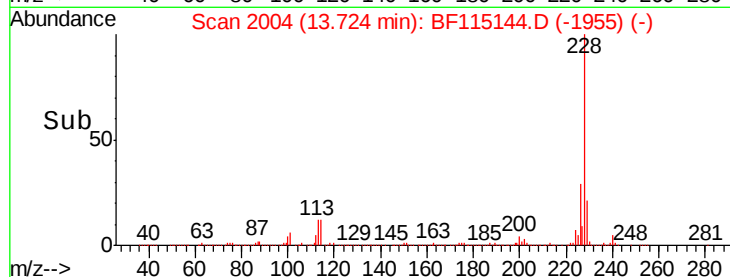
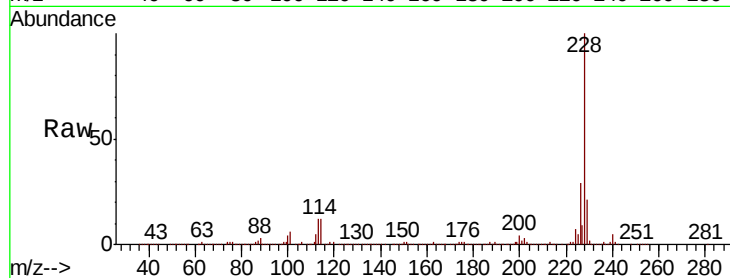
Tot Ion:228 Resp: 2768902

Ion Ratio Lower Upper

228 100

226 29.4 22.5 33.7

229 21.4 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 38.985 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

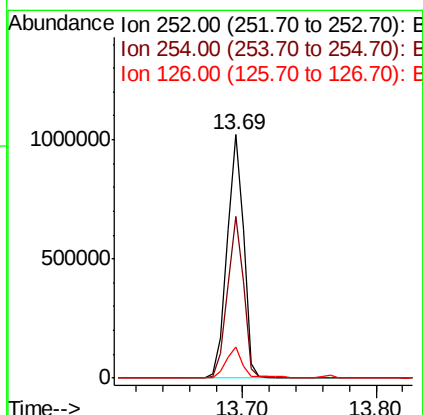
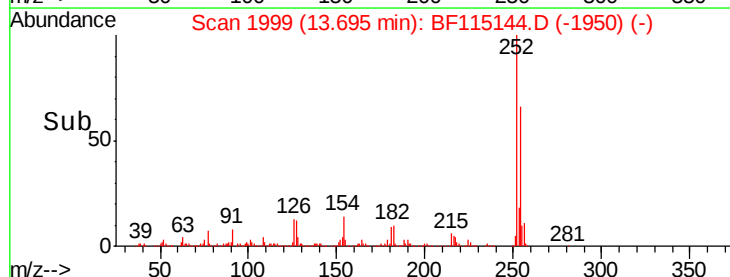
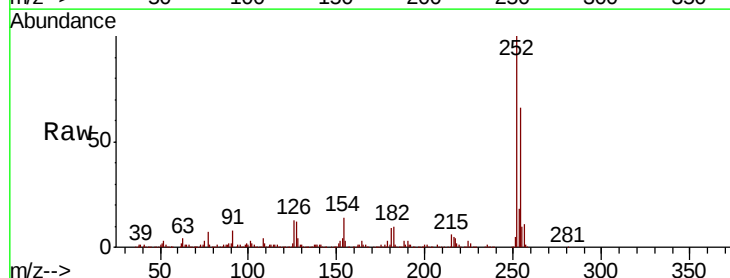
Tgt Ion:252 Resp: 896725

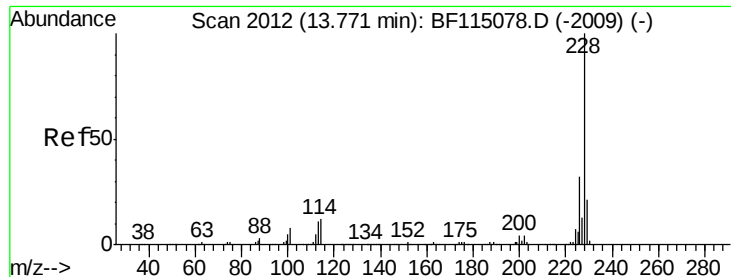
Ion Ratio Lower Upper

252 100

254 66.2 51.1 76.7

126 12.6 9.4 14.0





#83

Chrysene

Concen: 44.671 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

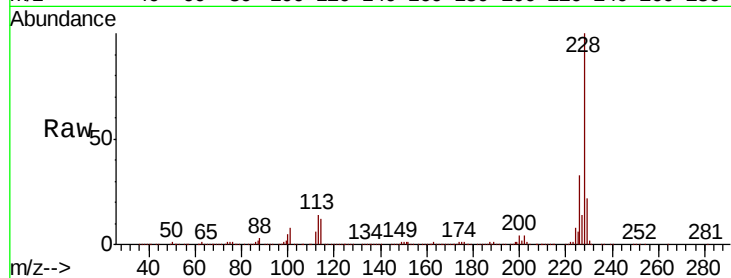
Tot Ion:228 Resp: 2606414

Ion Ratio Lower Upper

228 100

226 33.4 25.4 38.0

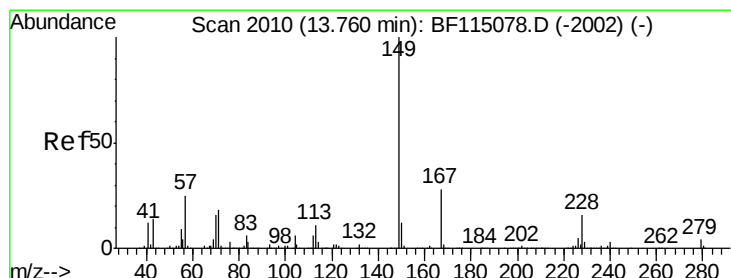
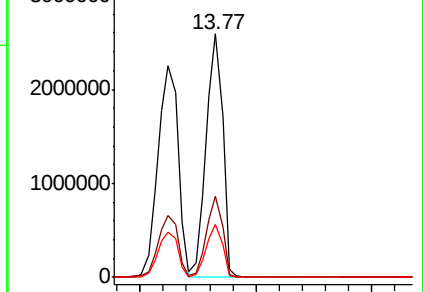
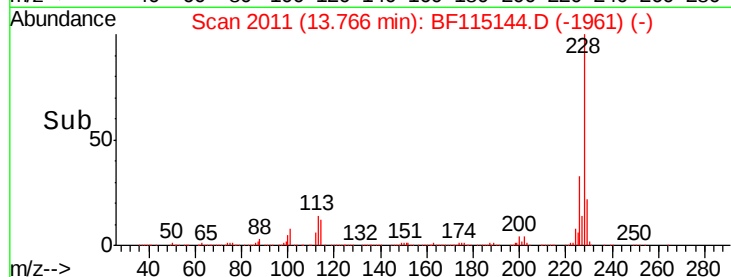
229 21.8 16.5 24.7



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: 46.560 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

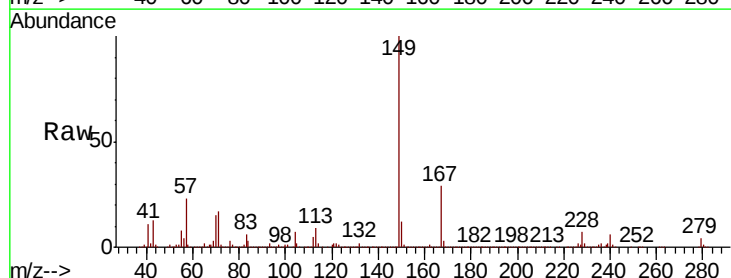
Tgt Ion:149 Resp: 1836748

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.4

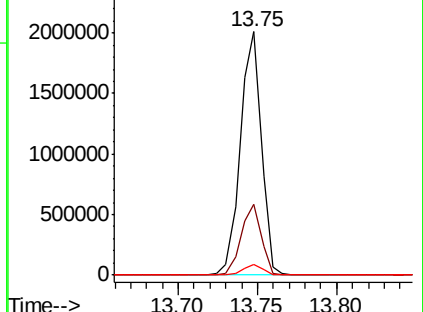
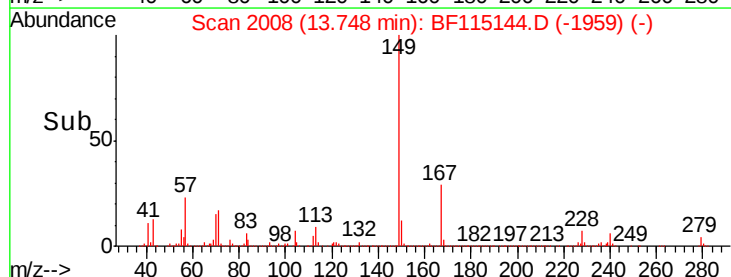
279 4.4 2.9 4.3#

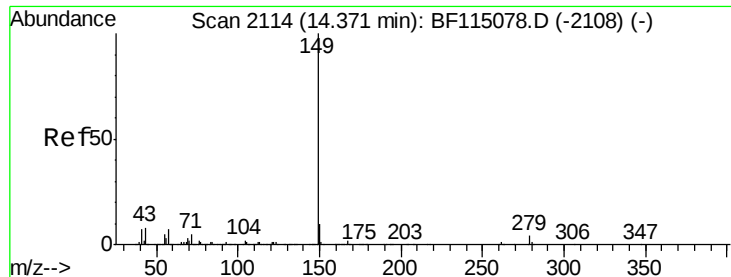


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.556 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

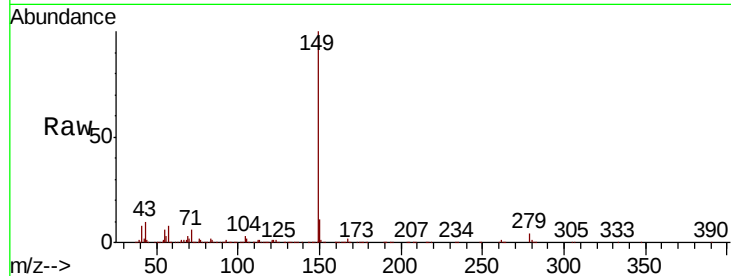
Tot Ion:149 Resp: 3152063

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

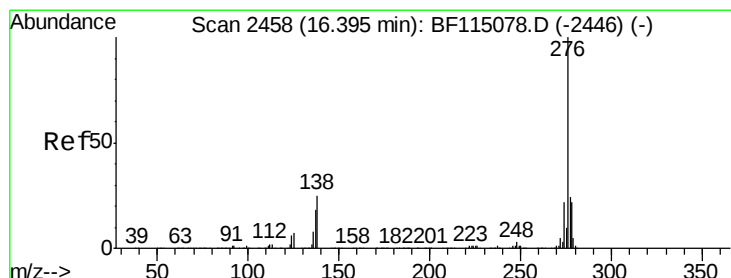
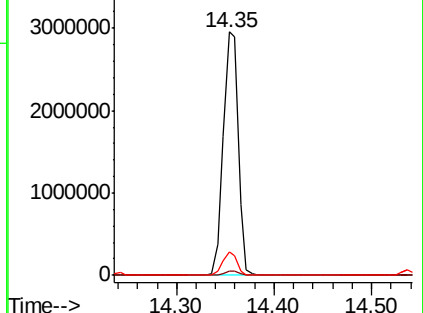
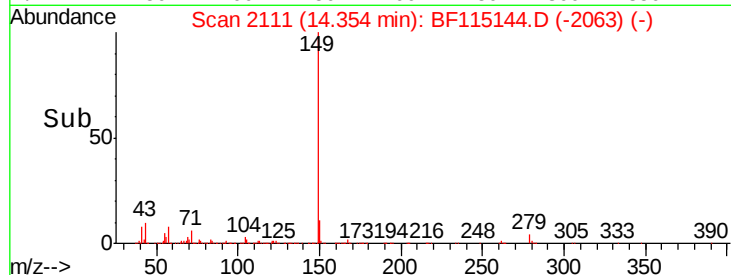
43 8.9 7.0 10.6



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: 39.690 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

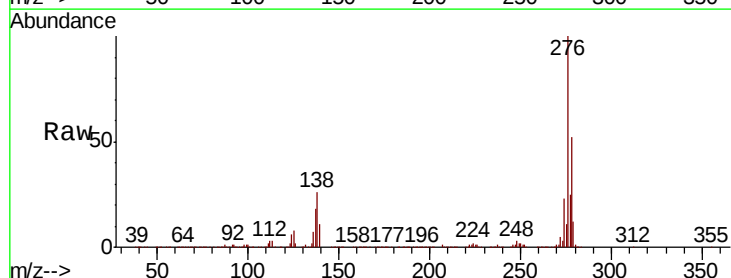
Tgt Ion:276 Resp: 2740249

Ion Ratio Lower Upper

276 100

138 28.4 23.2 34.8

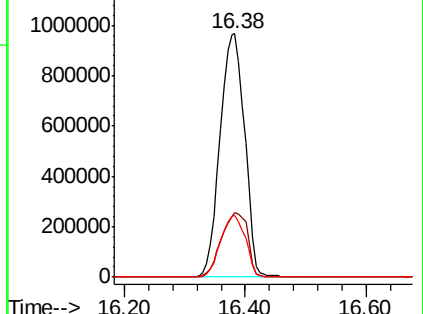
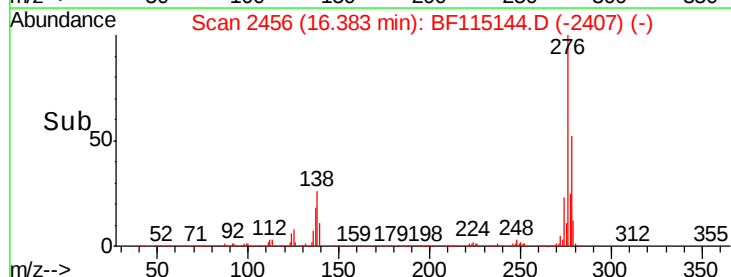
277 25.8 20.1 30.1

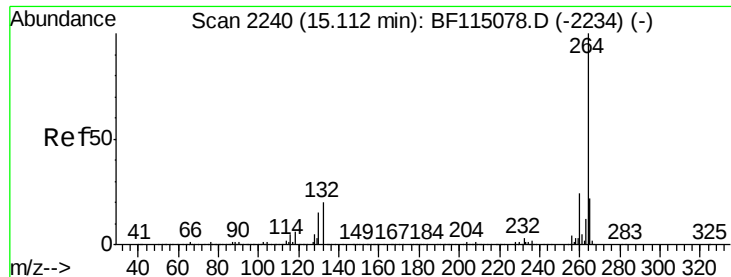


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampled :

PB120809BS

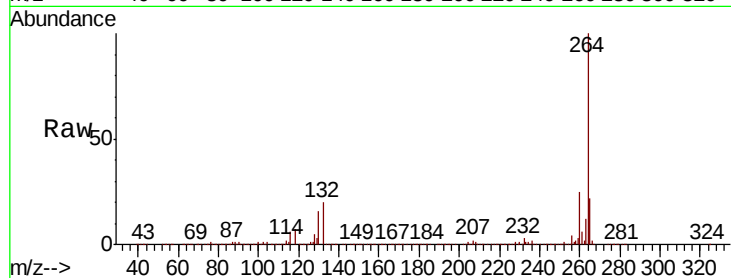
Tot Ion:264 Resp: 914496

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

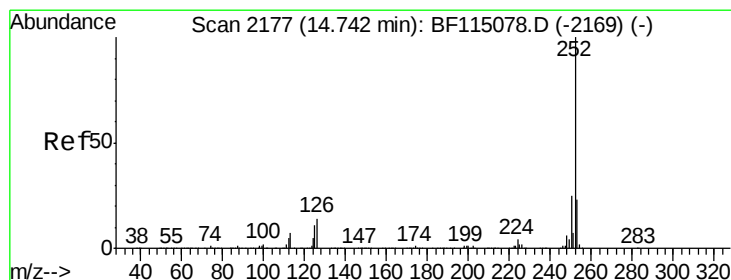
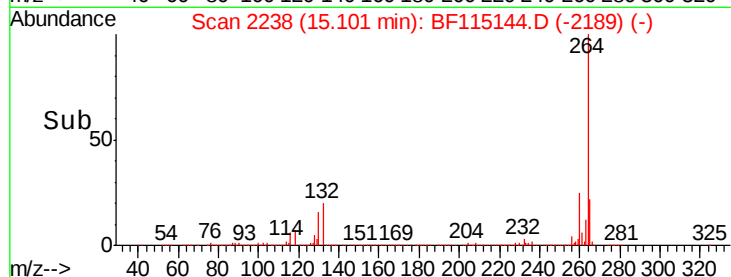
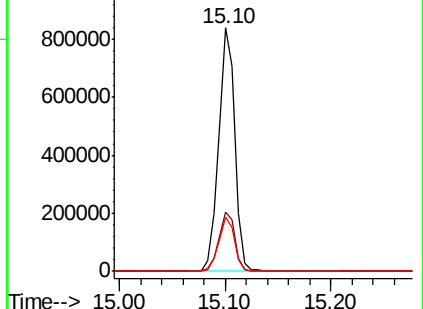
265 22.4 17.3 25.9



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: 54.509 ng

RT: 14.74 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

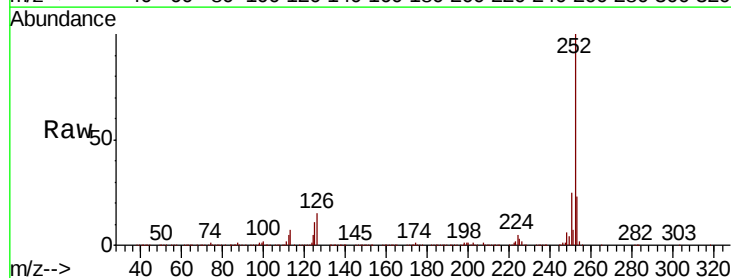
Tgt Ion:252 Resp: 3110382

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

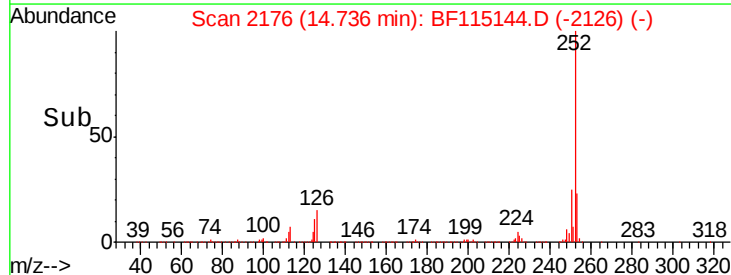
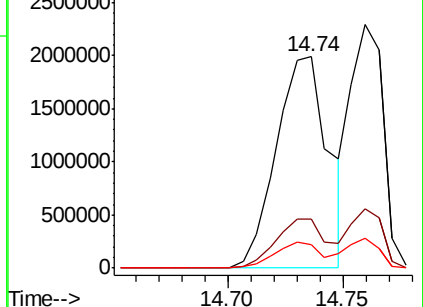
125 11.0 8.7 13.1

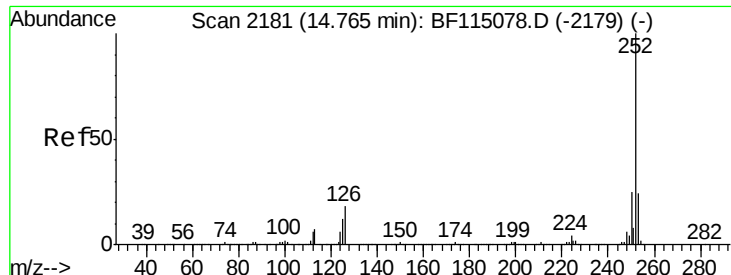


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

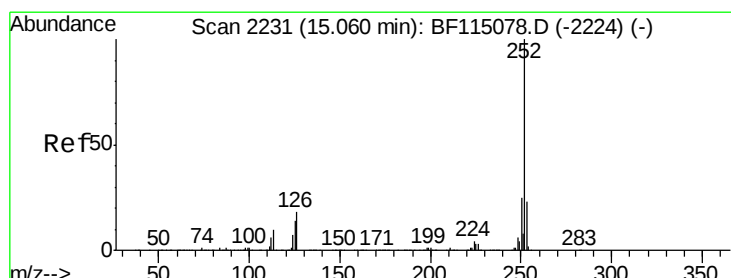
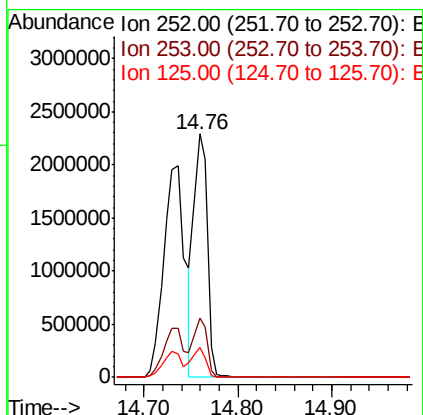
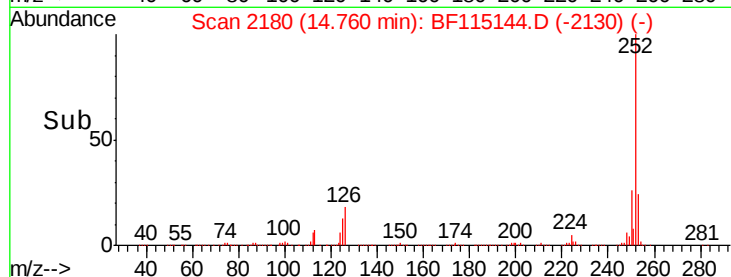
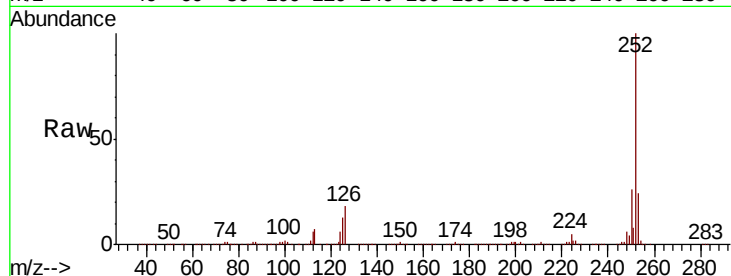




#89
Benzo(k)fluoranthene
Concen: 44.519 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

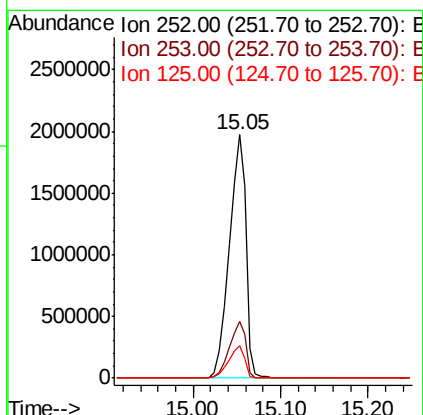
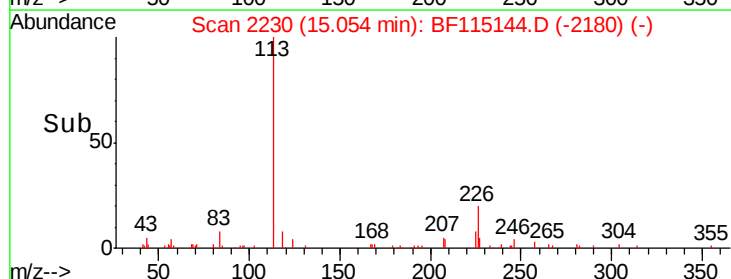
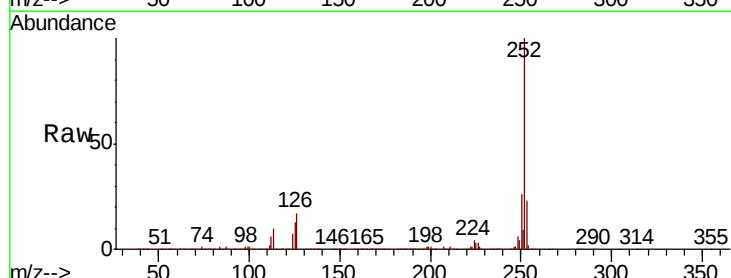
Instrument :
BNA_F
ClientSampleId :
PB120809BS

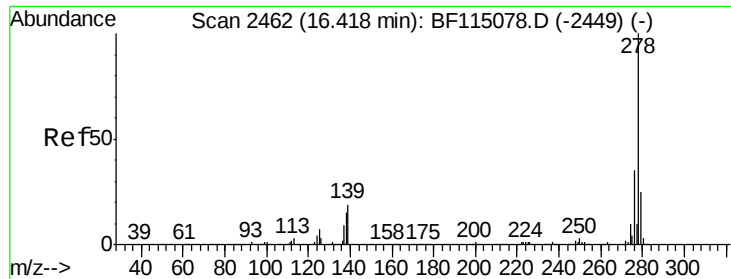
Tot Ion:252 Resp: 2278128
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 12.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 50.667 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:252 Resp: 2605843
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 13.2 10.9 16.3

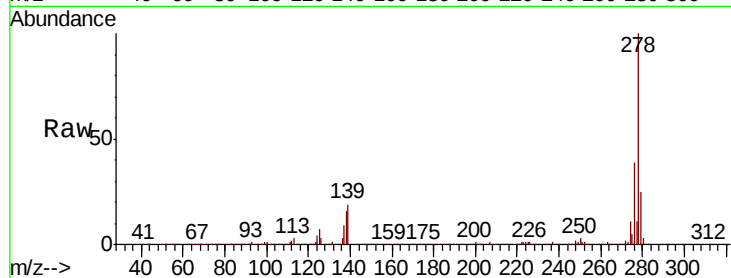




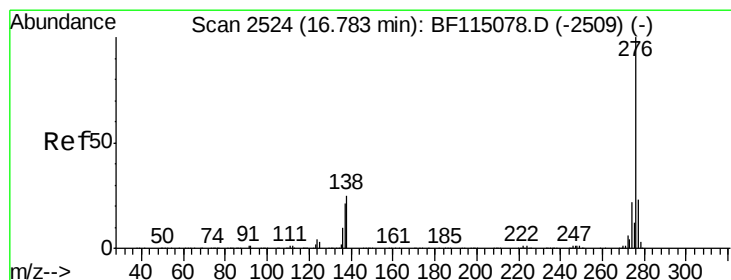
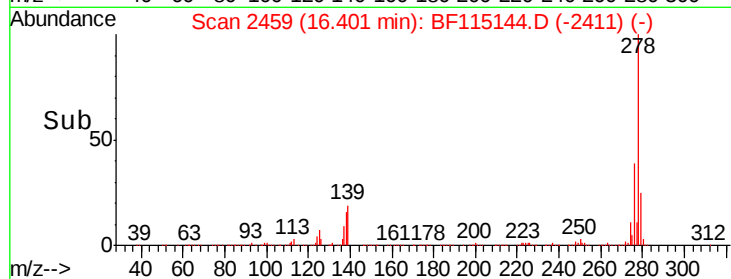
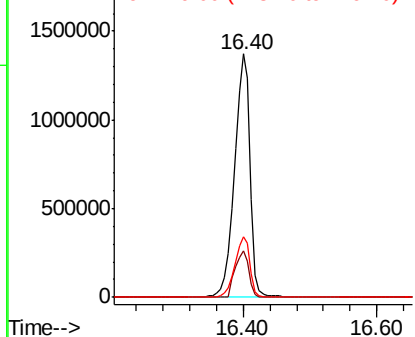
#91
Dibenzo(a,h)anthracene
Concen: 46.947 ng
RT: 16.40 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion:278 Resp: 2254118
Ion Ratio Lower Upper
278 100
139 19.2 15.4 23.2
279 24.8 19.9 29.9

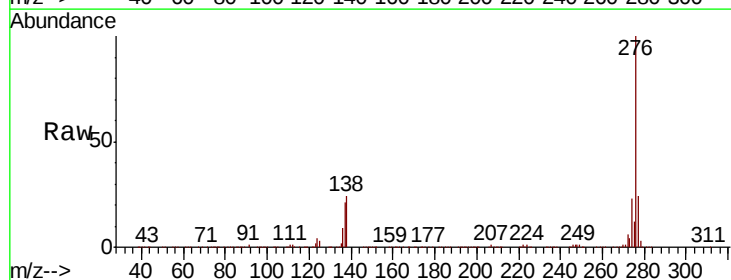


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.975 ng
RT: 16.77 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:276 Resp: 2282770
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 24.5 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

