

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115183.D
 Acq On : 25 Jun 2019 13:20
 Operator : HP/JU
 Sample : PB120777BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Quant Time: Jun 26 05:42:39 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	270405	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1090728	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	544067	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1072503	20.00	ng	0.00
76) Chrysene-d12	13.74	240	747183	20.00	ng	-0.01
87) Perylene-d12	15.11	264	809149	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1900048	108.43	ng	0.02
7) Phenol-d6	6.26	99	2361367	111.03	ng	0.00
23) Nitrobenzene-d5	7.18	82	1465575	82.66	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	708960	123.57	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2807580	87.65	ng	-0.01
79) Terphenyl-d14	12.69	244	2901564	82.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	300713	36.363	ng	98
3) Pyridine	2.94	79	807495	34.644	ng	97
4) n-Nitrosodimethylamine	2.88	42	335851	36.755	ng	99
6) Aniline	6.27	93	702571	24.036	ng	# 1
8) 2-Chlorophenol	6.40	128	807236	40.969	ng	97
9) Benzaldehyde	6.15	77	110235	7.945	ng	99
10) Phenol	6.27	94	937166	37.618	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	729721	39.736	ng	98
12) 1,3-Dichlorobenzene	6.55	146	851625	38.946	ng	99
13) 1,4-Dichlorobenzene	6.63	146	861821	39.303	ng	100
14) 1,2-Dichlorobenzene	6.78	146	801032	39.447	ng	98
15) Benzyl Alcohol	6.76	79	550296	35.533	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1034971	38.857	ng	96
17) 2-Methylphenol	6.88	107	710064	43.660	ng	97
18) Hexachloroethane	7.12	117	311521	39.407	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	522064	38.341	ng	98
20) 3+4-Methylphenols	7.03	107	815447	43.423	ng	89
22) Acetophenone	7.02	105	1066697	42.719	ng	# 97
24) Nitrobenzene	7.20	77	809026	41.417	ng	98
25) Isophorone	7.44	82	1504410	41.418	ng	99
26) 2-Nitrophenol	7.51	139	460168	47.702	ng	99
27) 2,4-Dimethylphenol	7.56	122	777607	49.233	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	948171	41.301	ng	99
29) 2,4-Dichlorophenol	7.75	162	716138	43.936	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	764507	42.462	ng	99
31) Naphthalene	7.91	128	2285644	42.690	ng	100
32) Benzoic acid	7.70	122	613031	54.374	ng	96
33) 4-Chloroaniline	7.97	127	596737	24.387	ng	98
34) Hexachlorobutadiene	8.04	225	410722	41.628	ng	98
35) Caprolactam	8.34	113	154908	28.267	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	733225	44.419	ng	99
37) 2-Methylnaphthalene	8.61	142	1584868	43.902	ng	99
38) 1-Methylnaphthalene	8.71	142	1509097	43.770	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	663157	43.134	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	689901	75.676	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	528371	44.515	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	553521	45.284	ng	98
46) 1,1'-Biphenyl	9.07	154	1849343	42.481	ng	99
47) 2-Chloronaphthalene	9.09	162	1482547	41.984	ng	98
48) 2-Nitroaniline	9.18	65	444688	43.195	ng	96
49) Acenaphthylene	9.51	152	2331562	42.379	ng	100
50) Dimethylphthalate	9.38	163	1717882	42.917	ng	100
51) 2,6-Dinitrotoluene	9.43	165	407586	44.105	ng	97
52) Acenaphthene	9.68	154	1381950	40.141	ng	99
53) 3-Nitroaniline	9.59	138	308362	27.343	ng	97
54) 2,4-Dinitrophenol	9.70	184	445655	92.459	ng	95
55) Dibenzofuran	9.85	168	2052947	41.547	ng	99
56) 4-Nitrophenol	9.77	139	729691	80.708	ng	94
57) 2,4-Dinitrotoluene	9.83	165	544217	45.608	ng	94
58) Fluorene	10.19	166	1415986	42.705	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	479318	46.765	ng	98
60) Diethylphthalate	10.08	149	1687741	41.945	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	685744	43.660	ng	96
62) 4-Nitroaniline	10.21	138	440806	38.963	ng	99
63) Azobenzene	10.34	77	1549427	41.228	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	263256	46.325	ng	90
66) n-Nitrosodiphenylamine	10.30	169	1434517	42.932	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	491121	42.236	ng	92
68) Hexachlorobenzene	10.73	284	541382	42.893	ng	94
69) Atrazine	10.83	200	455618	42.389	ng	99
70) Pentachlorophenol	10.92	266	664616	82.655	ng	97
71) Phenanthrene	11.14	178	2313662	40.067	ng	99
72) Anthracene	11.19	178	2363010	40.539	ng	98
73) Carbazole	11.34	167	2163824	41.572	ng	98
74) Di-n-butylphthalate	11.69	149	2480467	41.240	ng	98
75) Fluoranthene	12.32	202	2356927	40.908	ng	99
77) Benzidine	12.44	184	812730	24.496	ng	99
78) Pyrene	12.54	202	2423488	42.205	ng	98
80) Butylbenzylphthalate	13.18	149	1124311	44.368	ng	96
81) Benzo(a)anthracene	13.72	228	2230761	41.609	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	710733	36.710	ng	100
83) Chrysene	13.77	228	2095774	42.675	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1443527	43.474	ng	# 98
85) Di-n-octyl phthalate	14.36	149	2527771	45.310	ng	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	2577531	44.354	ng	99
88) Benzo(b)fluoranthene	14.74	252	2503482	49.585	ng	99
89) Benzo(k)fluoranthene	14.77	252	2025339	44.732	ng	99
90) Benzo(a)pyrene	15.06	252	2231115	49.029	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	2074734	48.837	ng	100
92) Benzo(g,h,i)perylene	16.78	276	2174396	50.570	ng	99

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

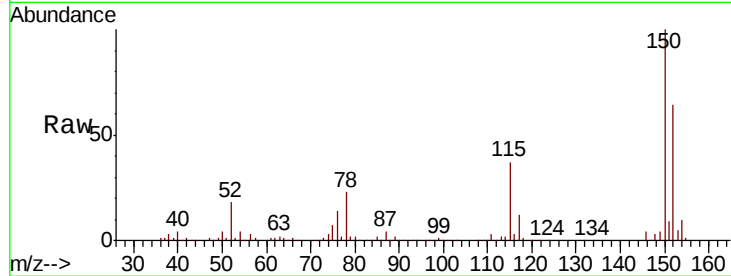


#1

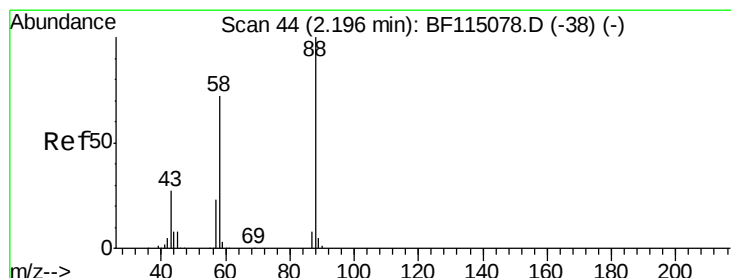
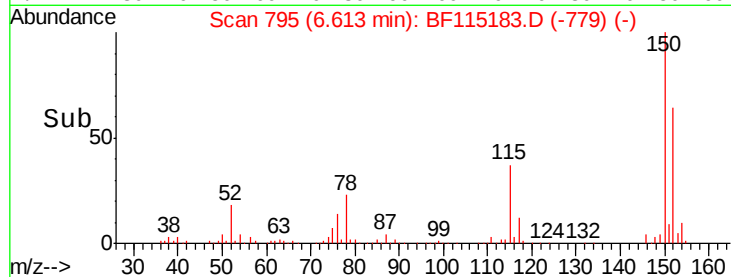
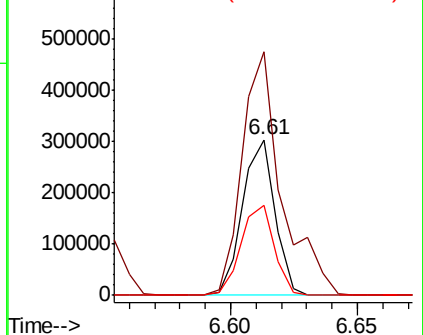
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion: 152 Resp: 270405
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 57.9 46.1 69.1



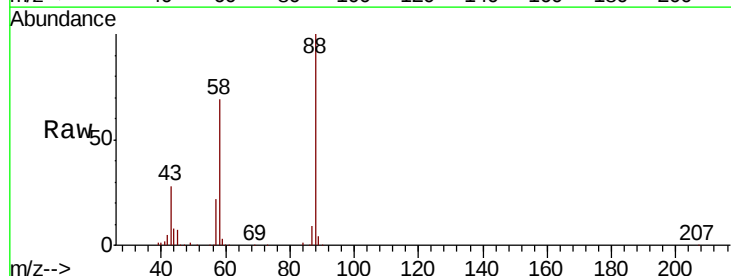
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



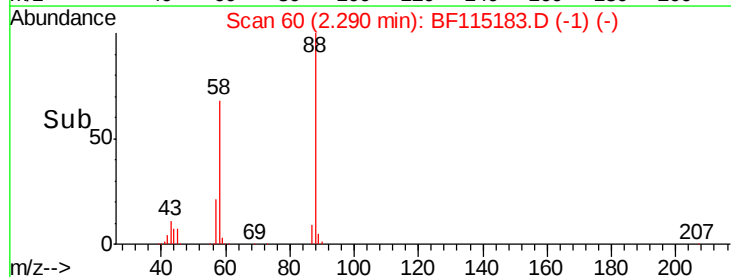
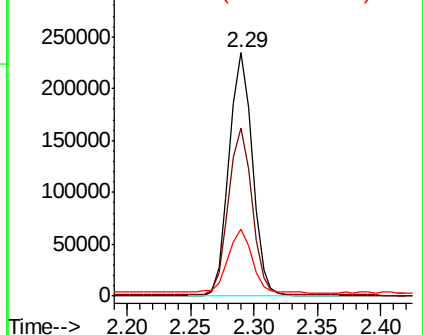
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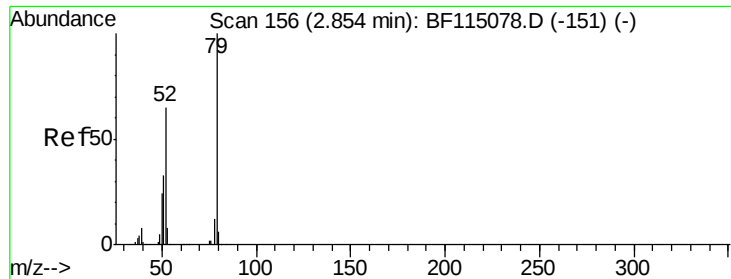
1,4-Dioxane
Concen: 36.363 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion: 88 Resp: 300713
Ion Ratio Lower Upper
88 100
58 68.9 56.1 84.1
43 27.6 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

Pyridine

Concen: 34.644 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

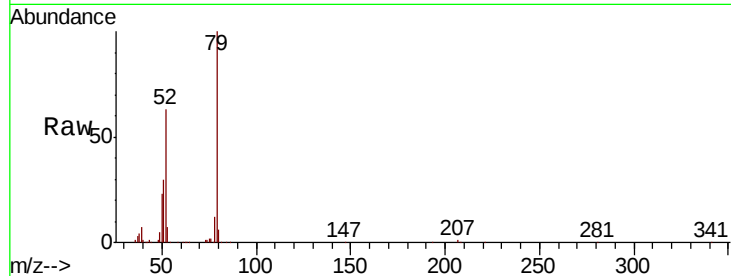
Tgt Ion: 79 Resp: 807495

Ion Ratio Lower Upper

79 100

52 63.3 52.3 78.5

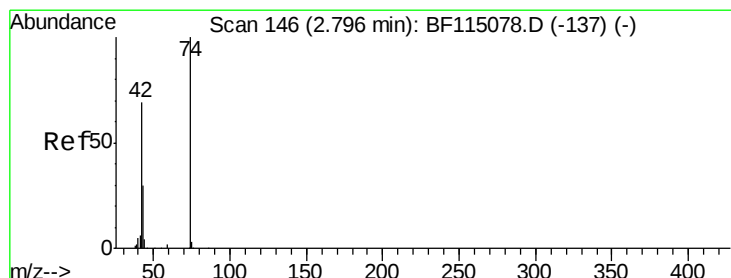
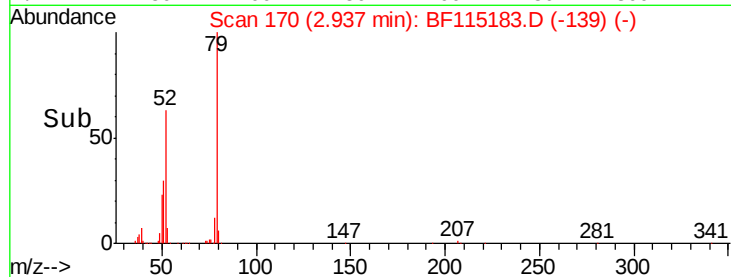
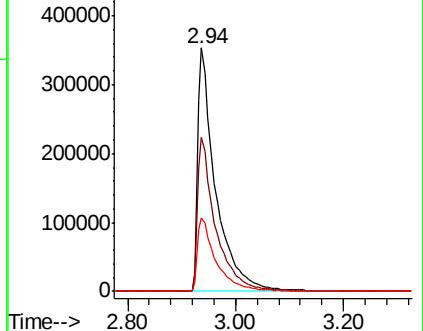
51 30.3 26.1 39.1



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: 36.755 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.09 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

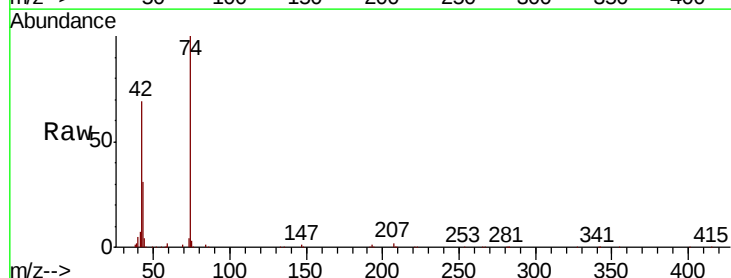
Tgt Ion: 42 Resp: 335851

Ion Ratio Lower Upper

42 100

74 144.2 116.6 175.0

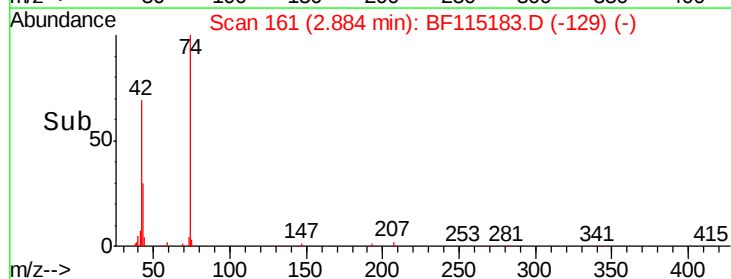
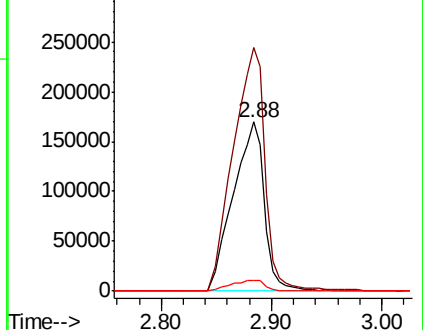
44 6.4 5.3 7.9

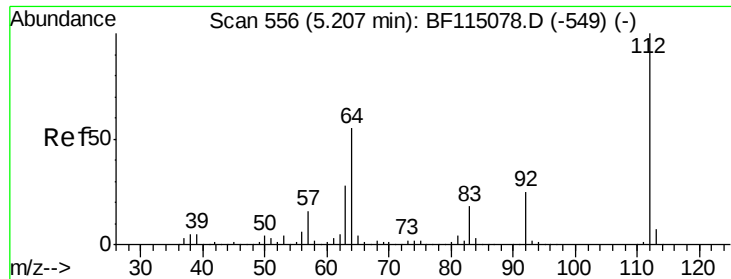


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.433 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

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ClientSampleId :

PB120777BS

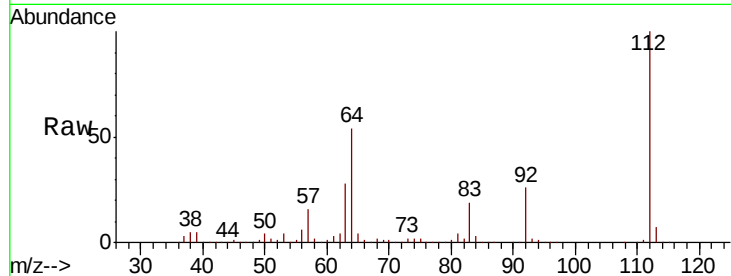
Tgt Ion: 112 Resp: 1900048

Ion Ratio Lower Upper

112 100

64 54.0 43.8 65.6

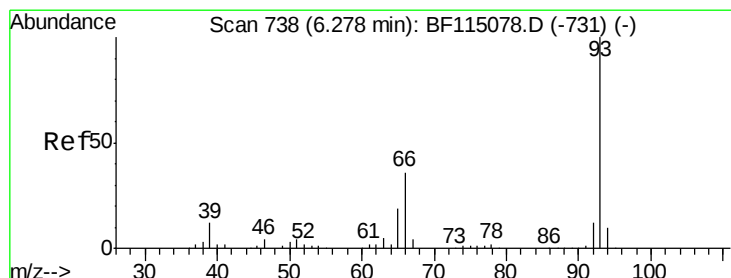
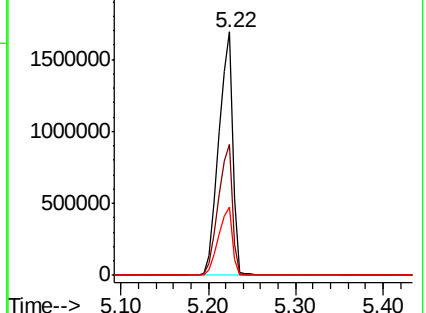
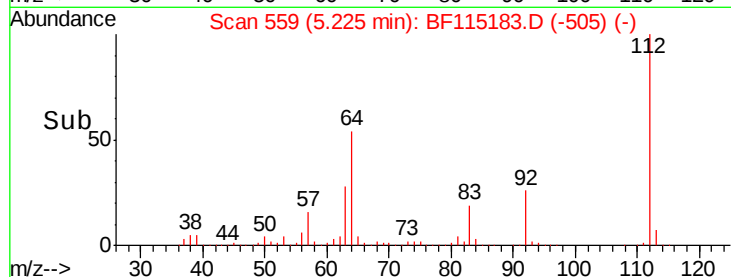
63 28.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.036 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

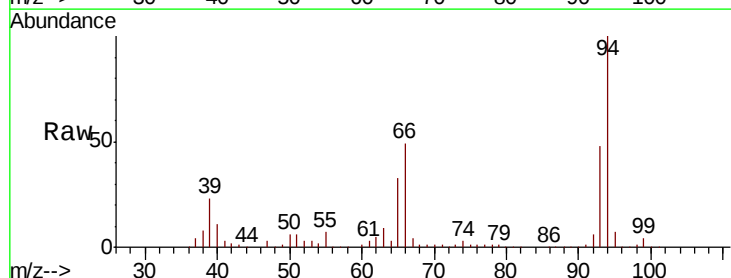
Tgt Ion: 93 Resp: 702571

Ion Ratio Lower Upper

93 100

66 102.9 30.0 45.0#

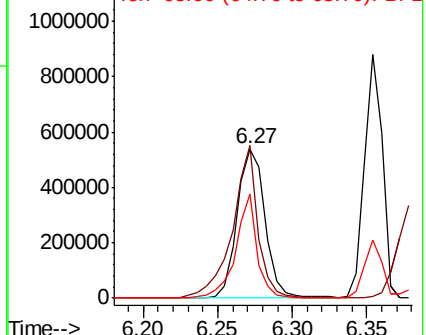
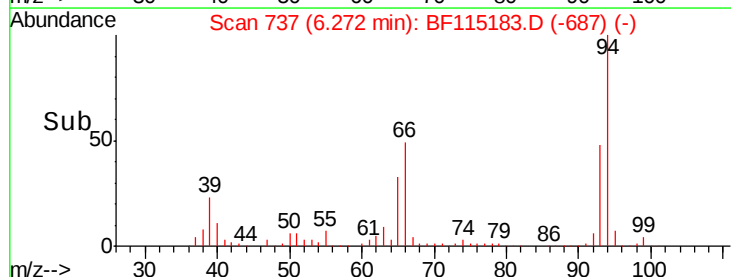
65 70.0 15.6 23.4#

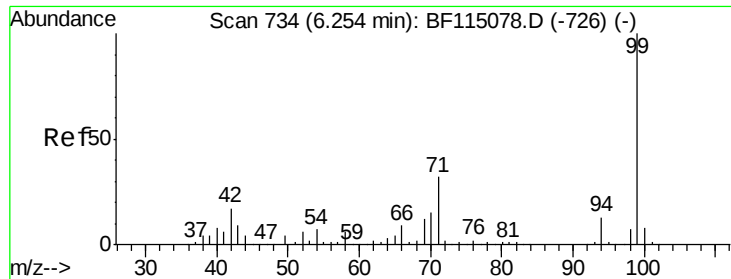


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.028 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115183.D

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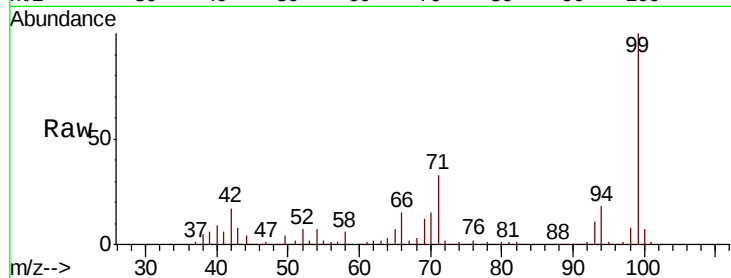
Tgt Ion: 99 Resp: 2361367

Ion Ratio Lower Upper

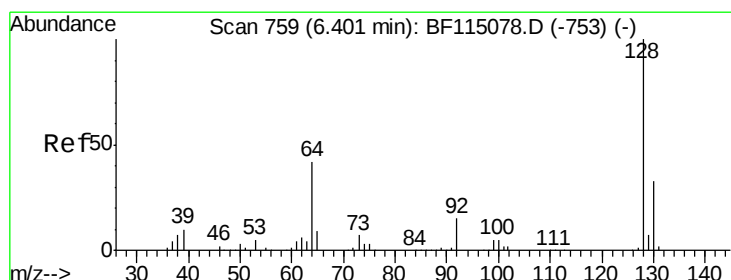
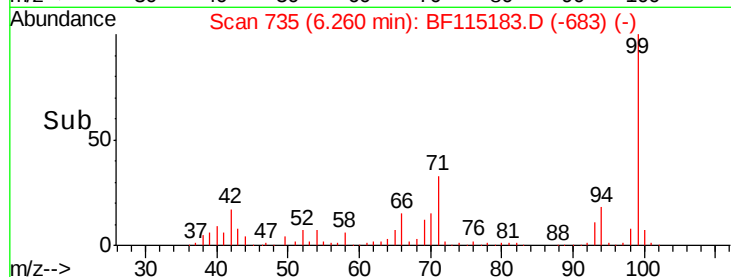
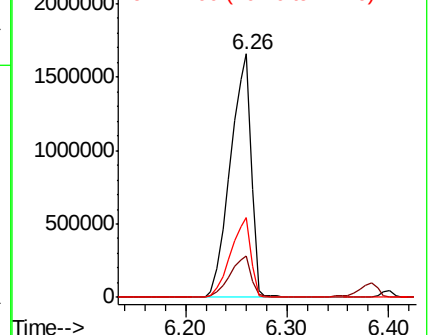
99 100

42 16.9 13.6 20.4

71 32.6 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: 40.969 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

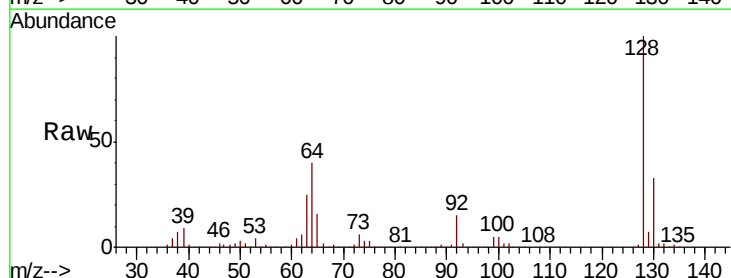
Tgt Ion: 128 Resp: 807236

Ion Ratio Lower Upper

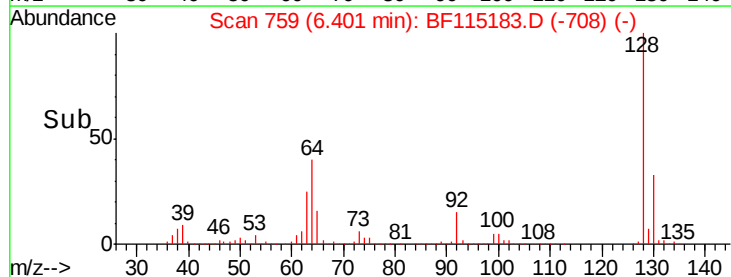
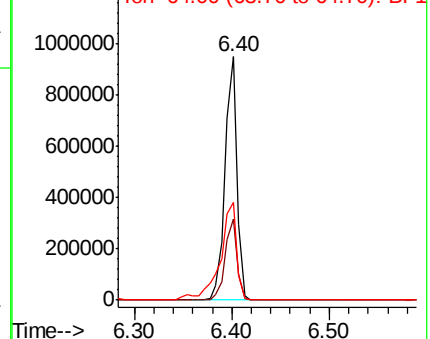
128 100

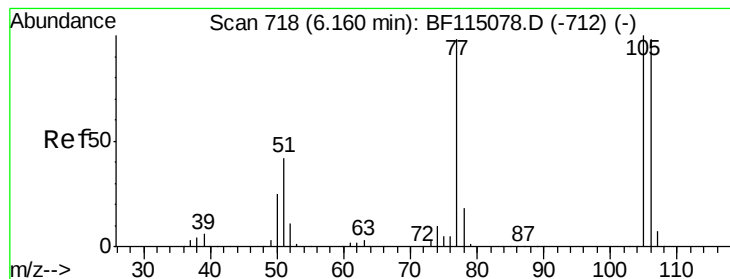
130 33.4 12.9 52.9

64 40.3 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: 7.945 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

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ClientSampleId :

PB120777BS

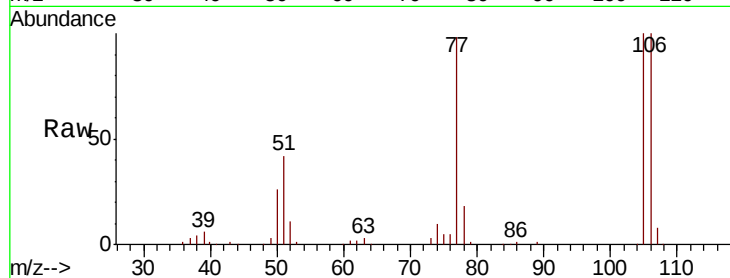
Tgt Ion: 77 Resp: 110235

Ion Ratio Lower Upper

77 100

105 101.7 81.5 121.5

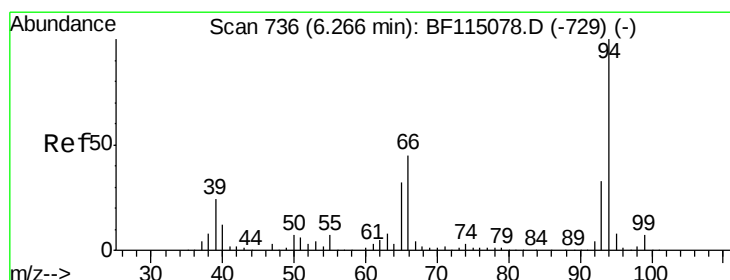
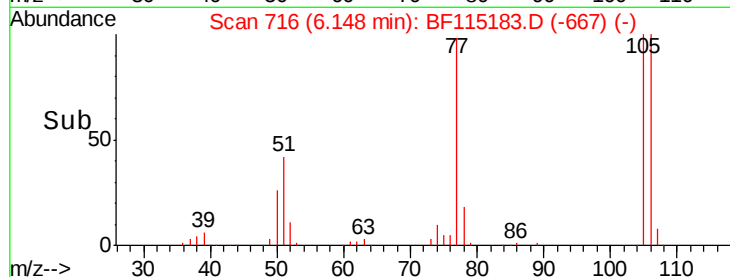
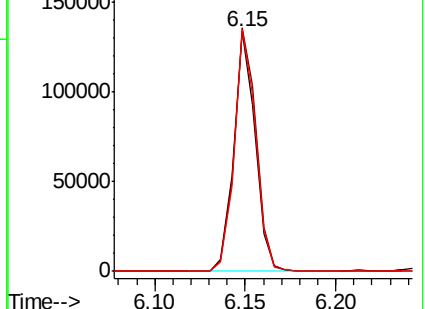
106 101.3 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.618 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

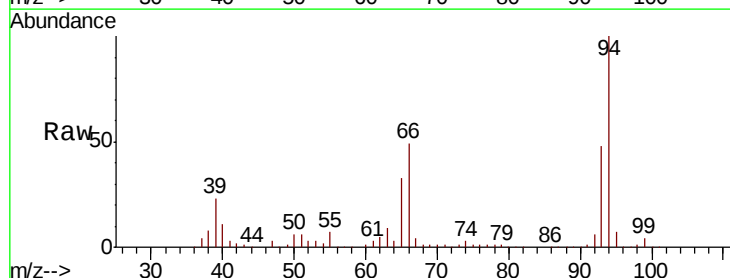
Tgt Ion: 94 Resp: 937166

Ion Ratio Lower Upper

94 100

65 33.3 11.9 51.9

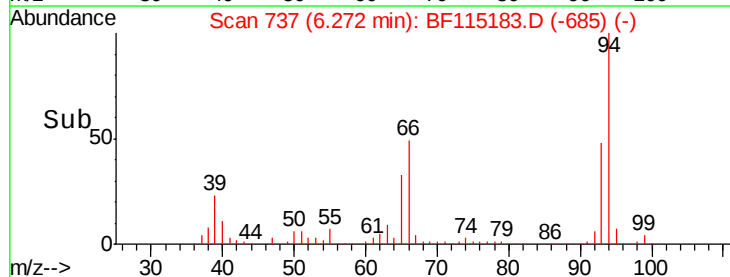
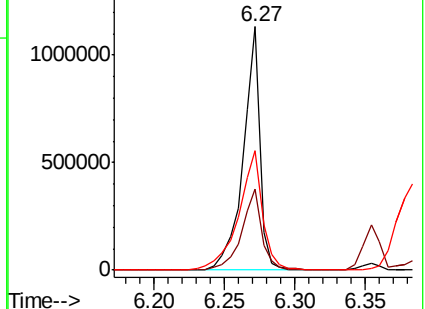
66 48.9 25.2 65.2

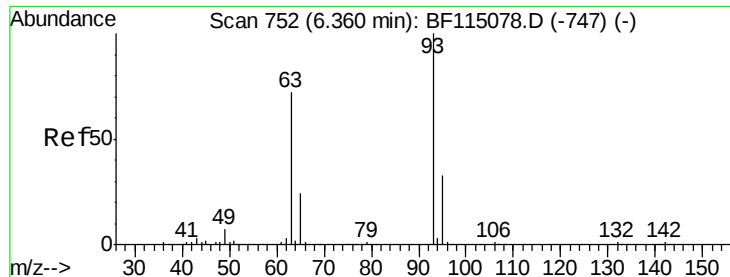


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

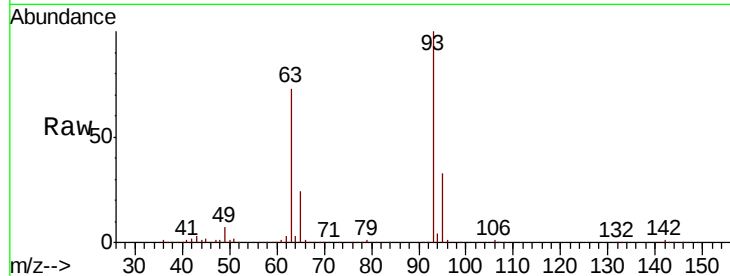




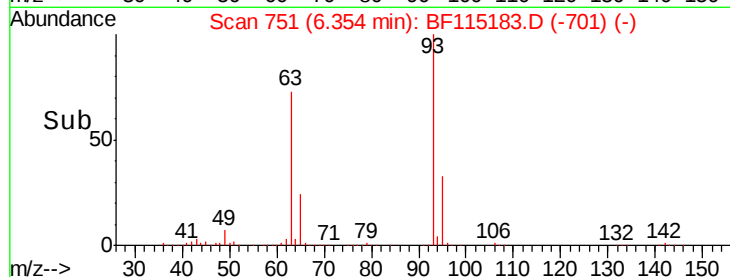
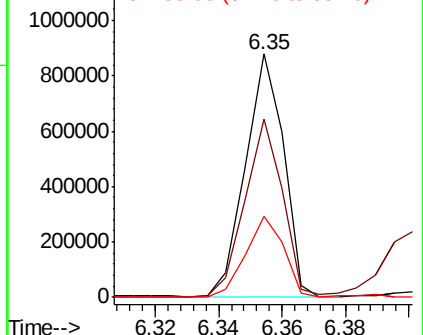
#11
bis(2-Chloroethyl)ether
Concen: 39.736 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion: 93 Resp: 729721
Ion Ratio Lower Upper
93 100
63 73.3 51.5 91.5
95 33.1 13.4 53.4

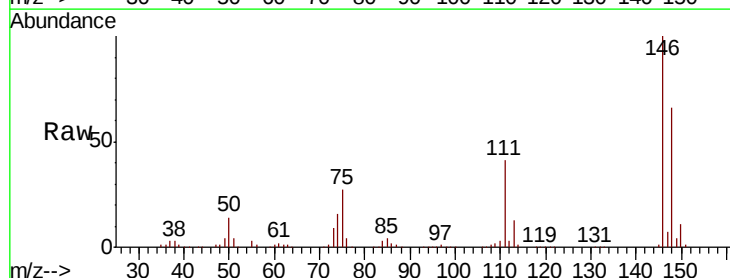


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

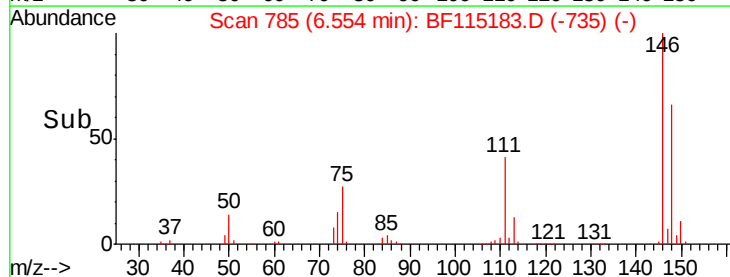
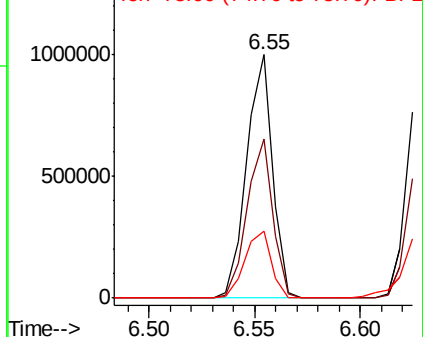


#12
1,3-Dichlorobenzene
Concen: 38.946 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion: 146 Resp: 851625
Ion Ratio Lower Upper
146 100
148 65.6 52.6 78.8
75 27.5 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

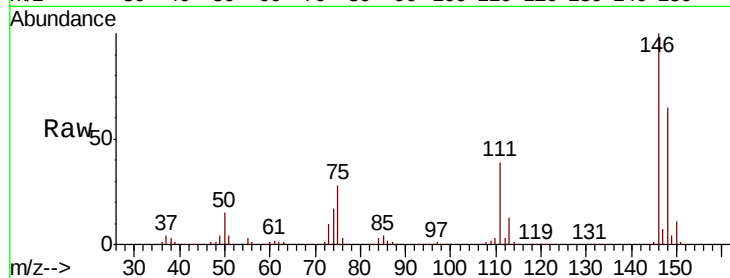




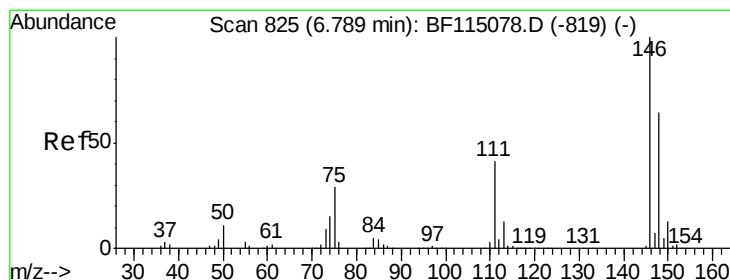
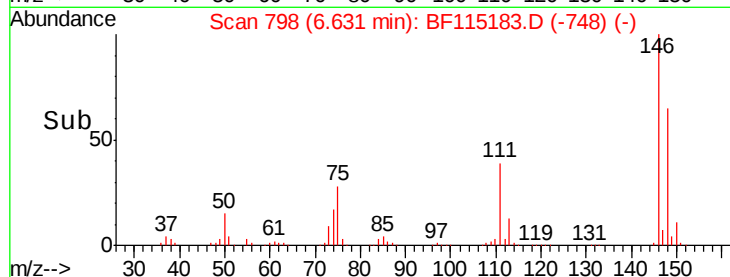
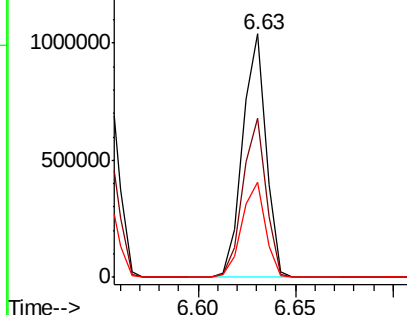
#13
 1,4-Dichlorobenzene
 Concen: 39.303 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion:146 Resp: 861821
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.9 77.9
 111 39.1 31.4 47.0

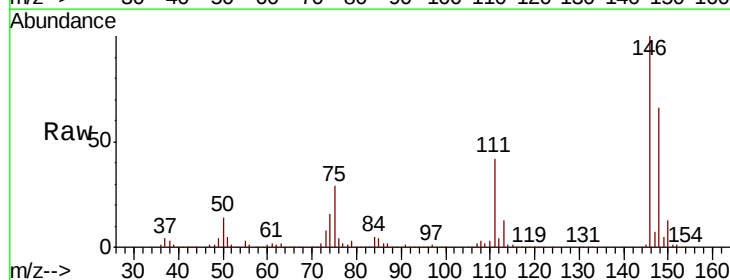


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

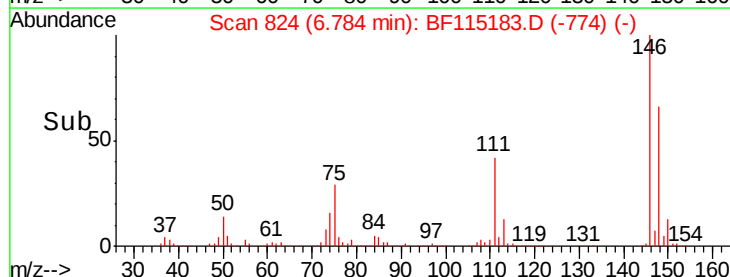
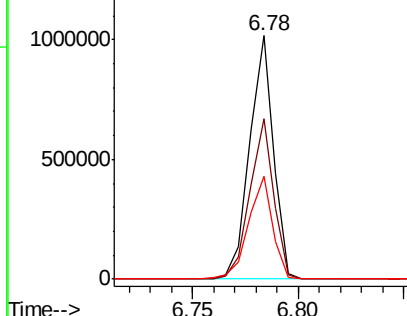


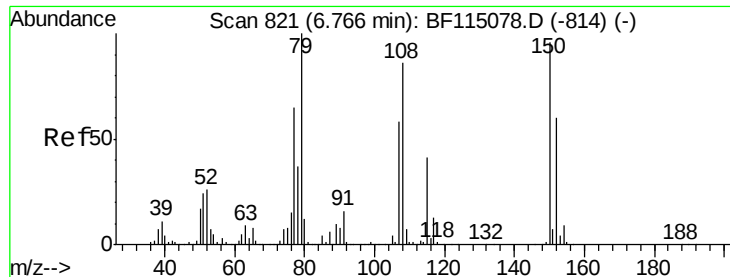
#14
 1,2-Dichlorobenzene
 Concen: 39.447 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:146 Resp: 801032
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.1 76.7
 111 42.0 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: 35.533 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

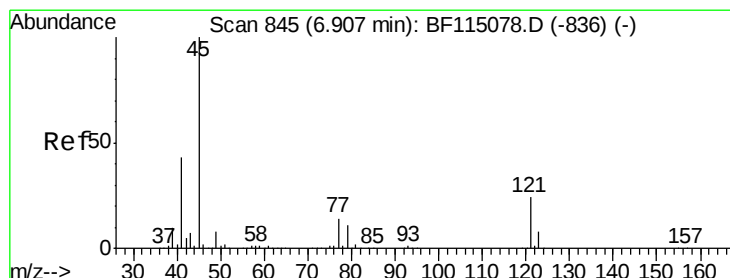
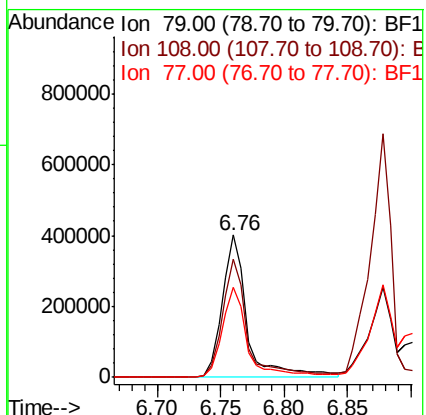
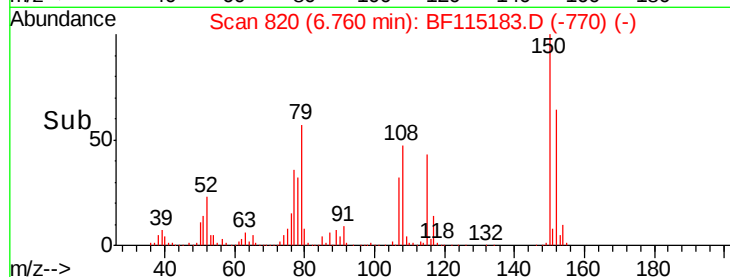
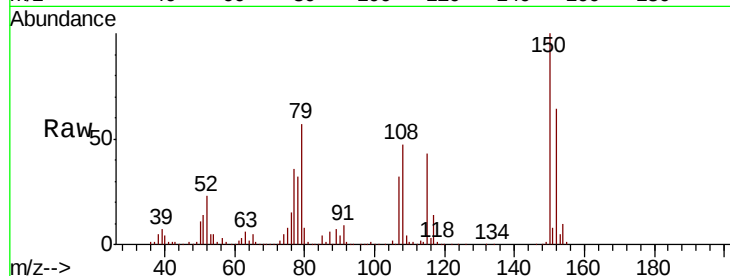
Tgt Ion: 79 Resp: 550296

Ion Ratio Lower Upper

79 100

108 82.8 68.7 103.1

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.857 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

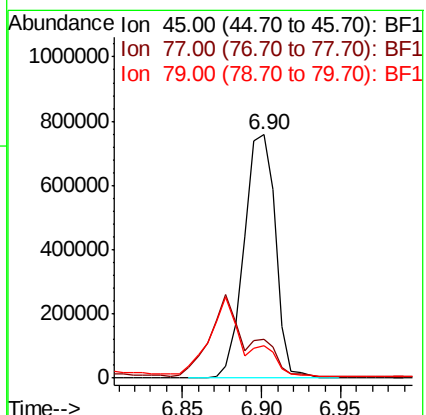
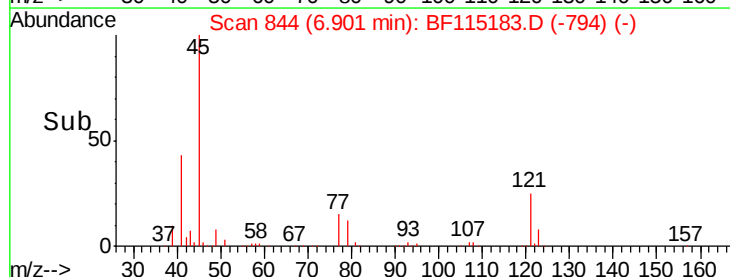
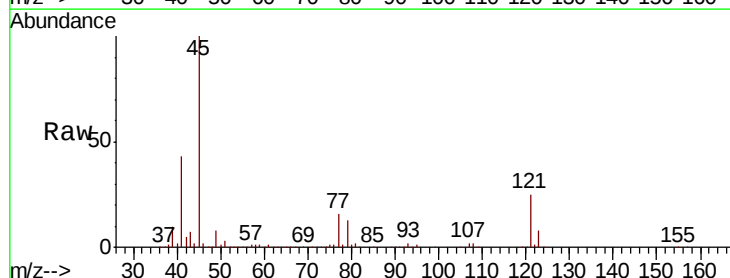
Tgt Ion: 45 Resp: 1034971

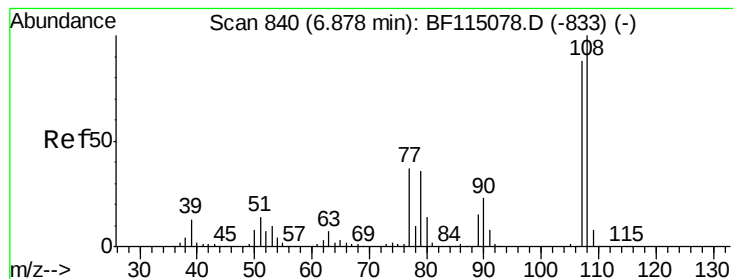
Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.6

79 13.1 0.0 31.2





#17

2-Methylphenol

Concen: 43.660 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tgt Ion:107 Resp: 710064

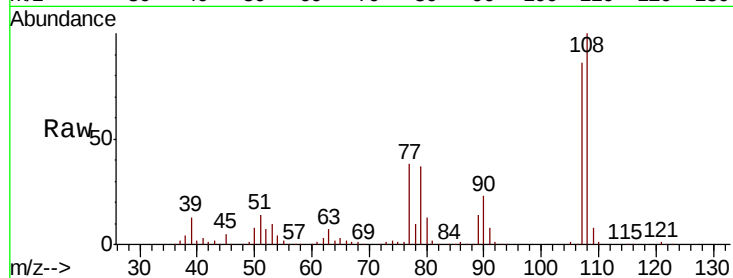
Ion Ratio Lower Upper

107 100

108 116.2 90.9 136.3

77 44.2 33.4 50.2

79 42.7 32.3 48.5

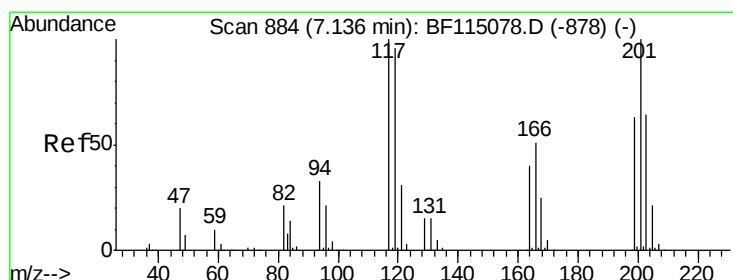
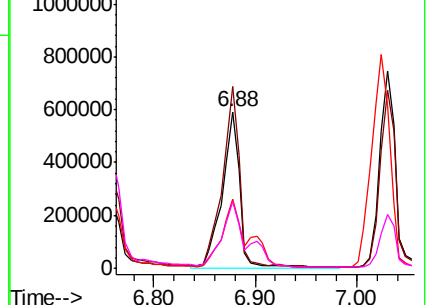
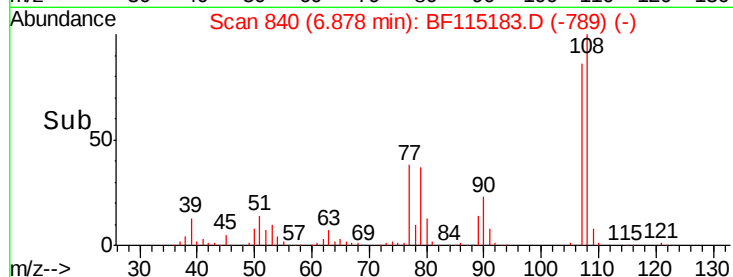


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.407 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

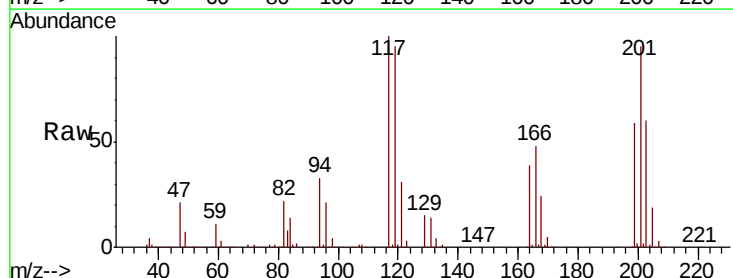
Tgt Ion:117 Resp: 311521

Ion Ratio Lower Upper

117 100

119 95.5 76.6 114.8

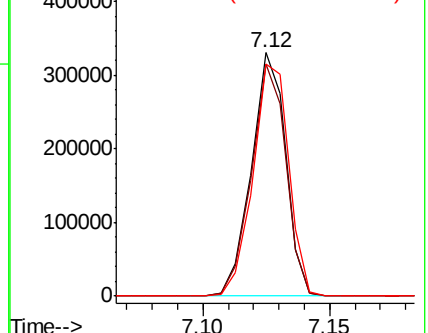
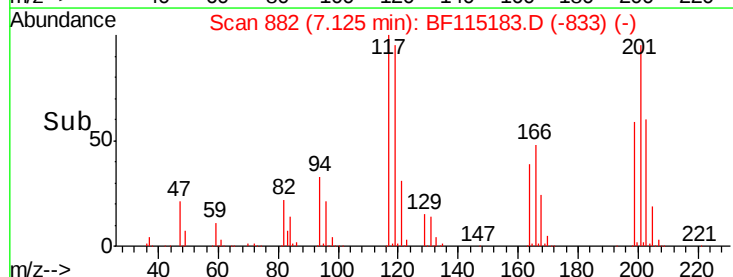
201 95.4 80.2 120.2

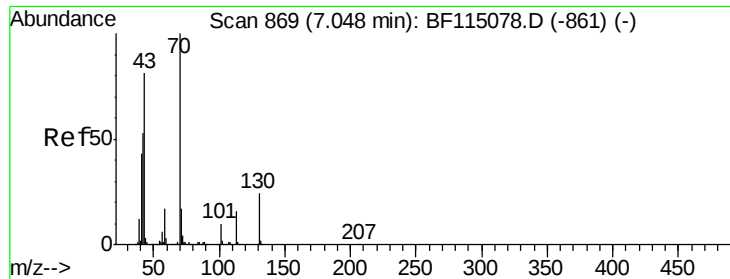


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

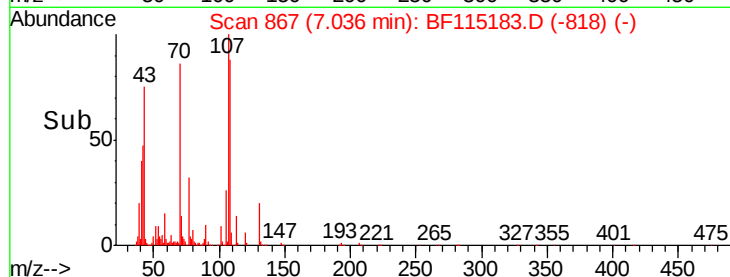
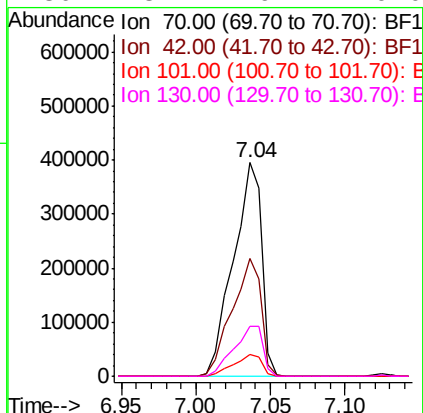
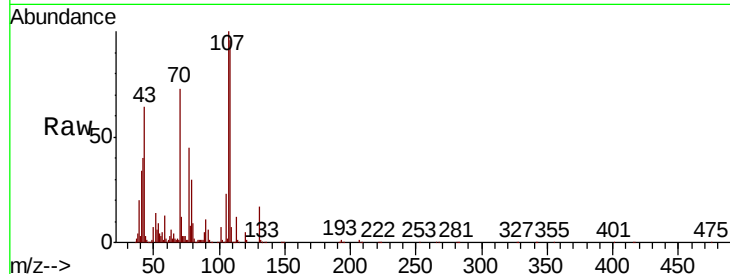




#19
n-Nitroso-di-n-propylamine
Concen: 38.341 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

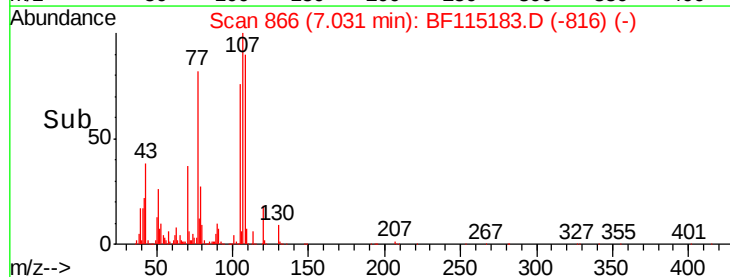
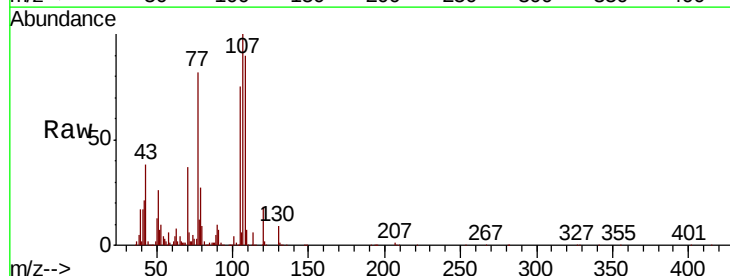
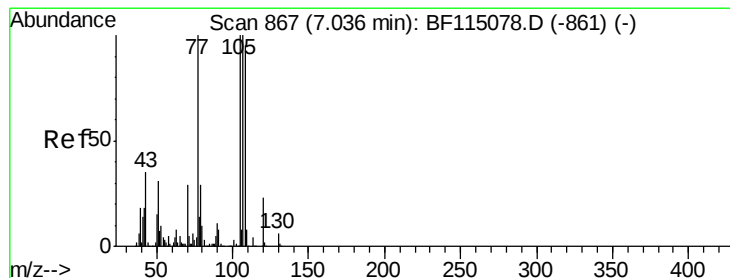
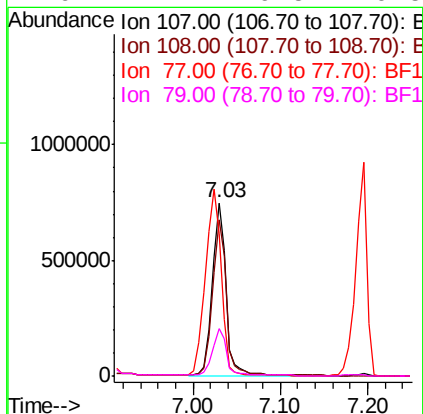
Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:	70	Resp:	522064
Ion	Ratio	Lower	Upper
70	100		
42	55.1	42.6	63.8
101	10.0	8.0	12.0
130	23.1	19.4	29.0



#20
3+4-Methylphenols
Concen: 43.423 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:	107	Resp:	815447
Ion	Ratio	Lower	Upper
107	100		
108	90.1	75.5	115.5
77	82.0	80.2	120.2
79	27.4	9.5	49.5

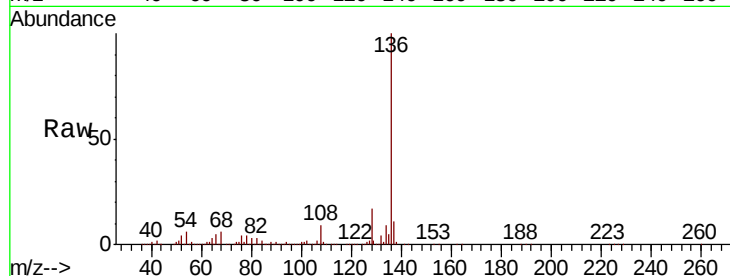




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:	136	Resp:	1090728
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	5.6	8.4
68	5.6	4.8	7.2



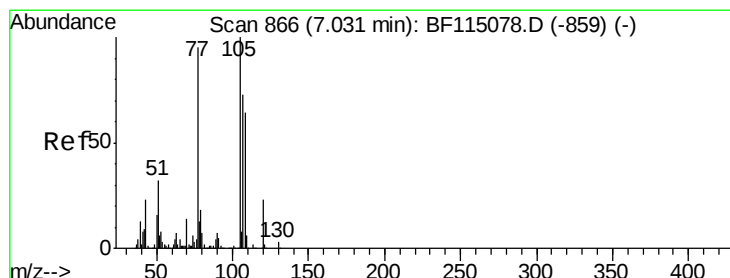
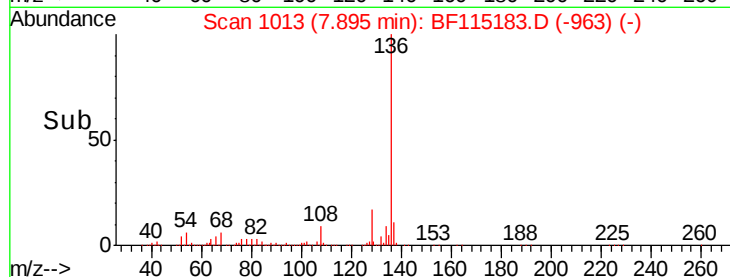
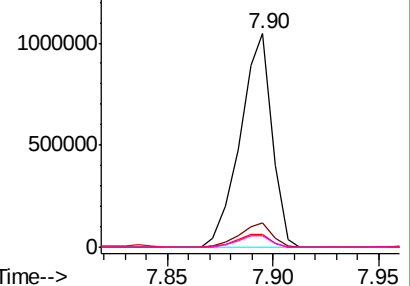
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

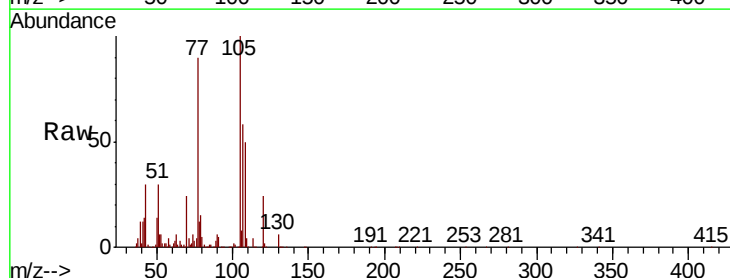
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.719 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:	105	Resp:	1066697
Ion	Ratio	Lower	Upper
105	100		
71	4.2	1.9	2.9#
51	30.1	25.8	38.8
120	23.7	18.5	27.7



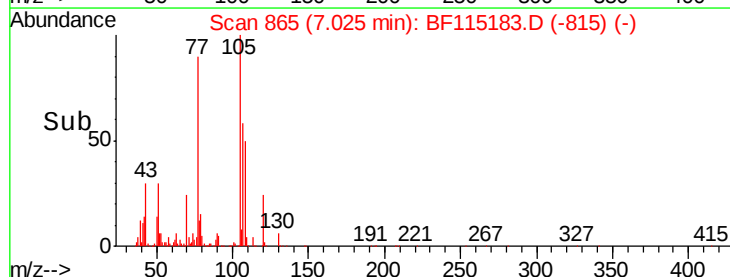
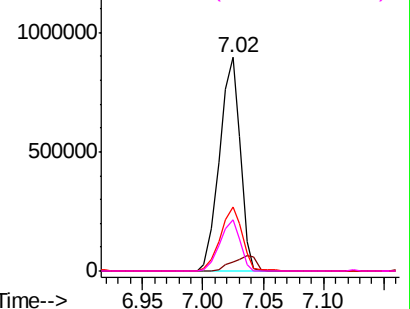
Abundance

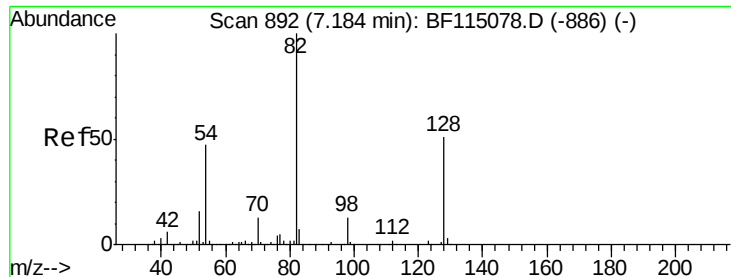
Ion 105.00 (104.70 to 105.70): E

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

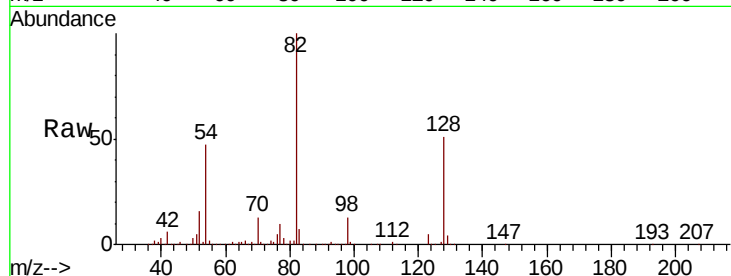




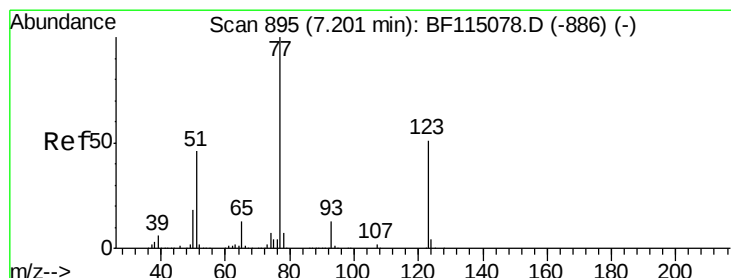
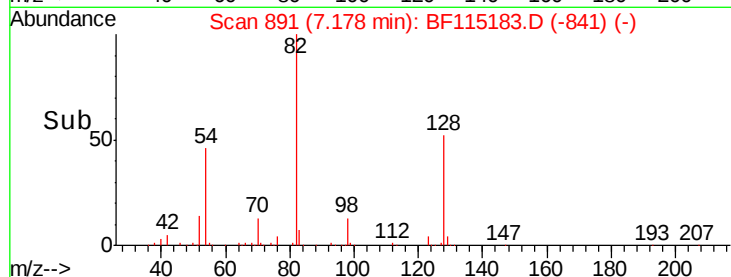
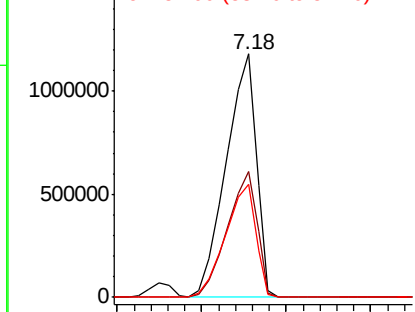
#23
 Nitrobenzene-d5
 Concen: 82.656 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion: 82 Resp: 1465575
 Ion Ratio Lower Upper
 82 100
 128 51.4 40.4 60.6
 54 46.7 37.5 56.3

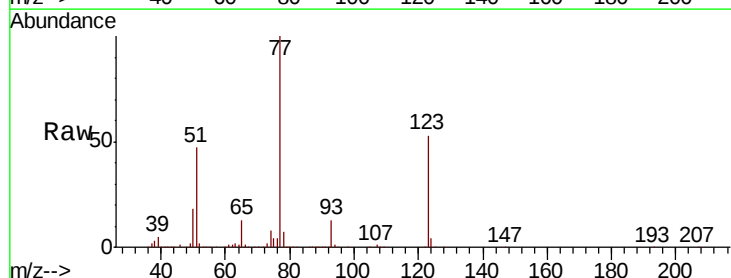


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

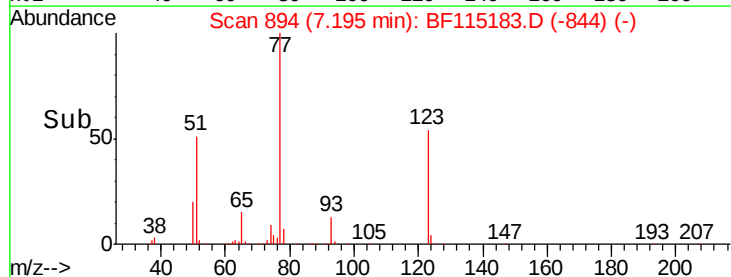
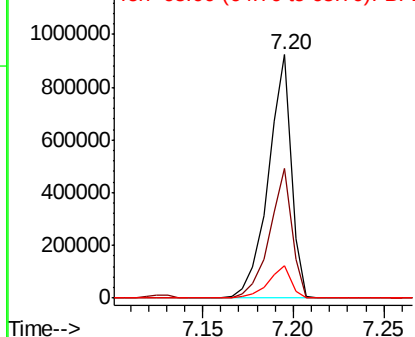


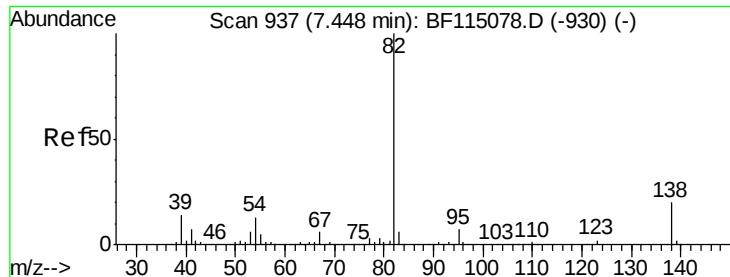
#24
 Nitrobenzene
 Concen: 41.417 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion: 77 Resp: 809026
 Ion Ratio Lower Upper
 77 100
 123 53.1 41.0 61.6
 65 13.1 10.5 15.7



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





#25

Isophorone

Concen: 41.418 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

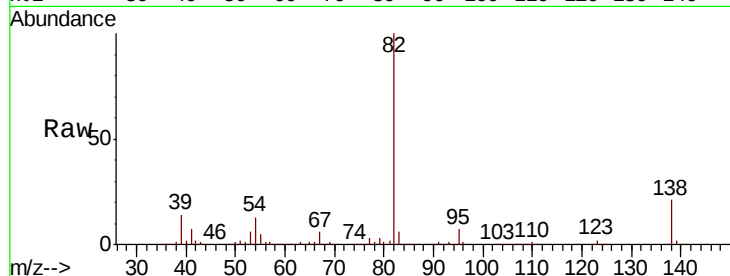
Tgt Ion: 82 Resp: 1504410

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

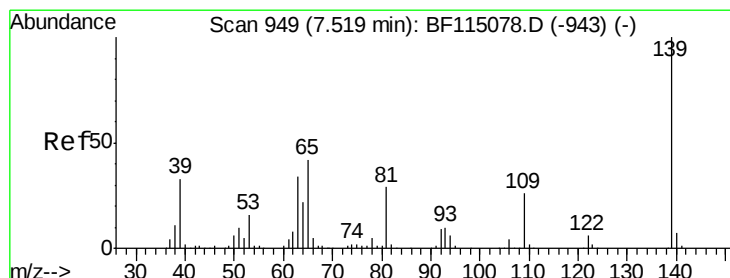
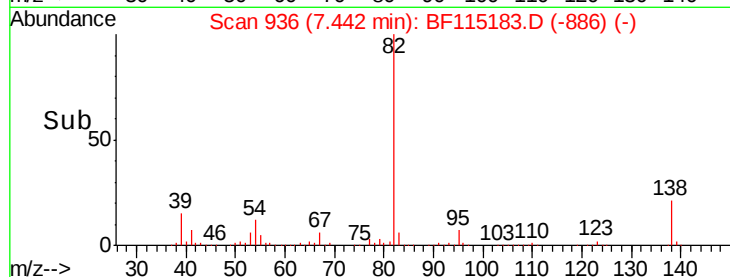
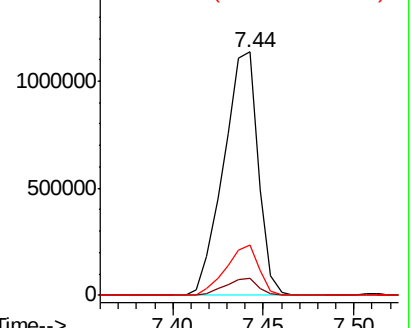
138 20.6 15.9 23.9



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: 47.702 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

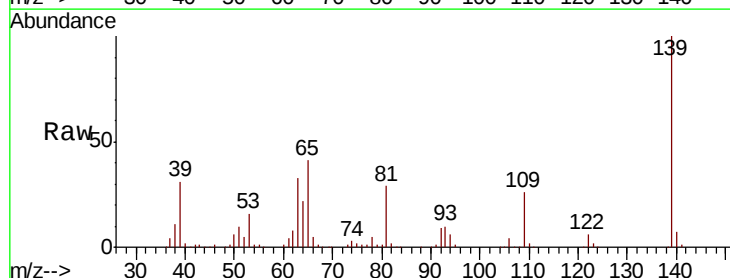
Tgt Ion: 139 Resp: 460168

Ion Ratio Lower Upper

139 100

109 25.9 20.4 30.6

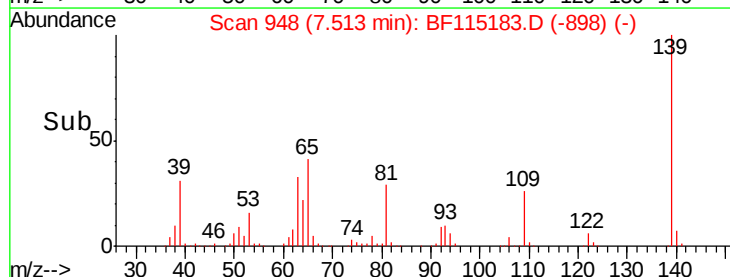
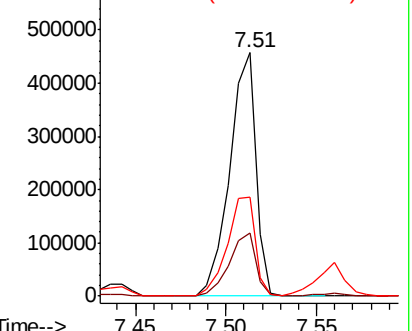
65 40.9 33.6 50.4

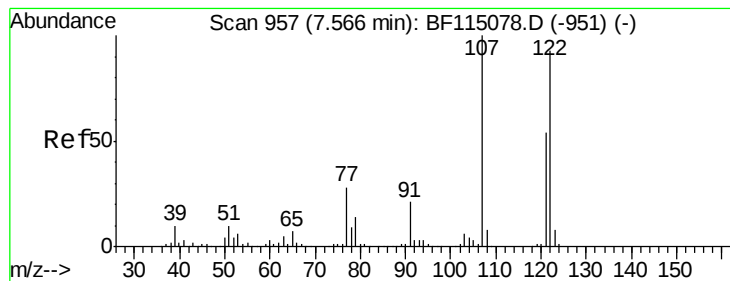


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.233 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

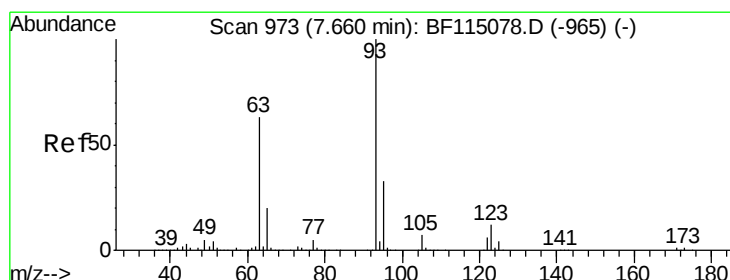
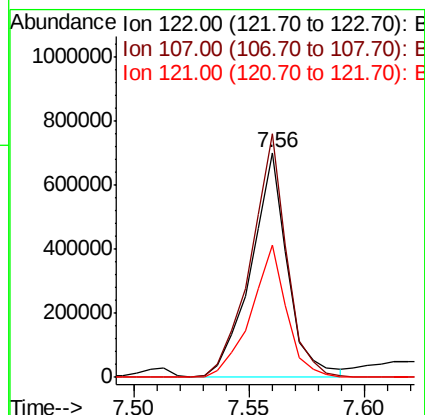
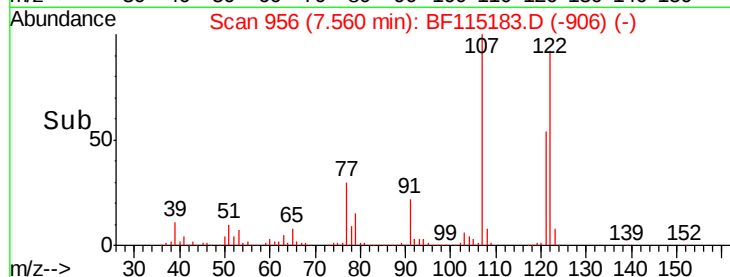
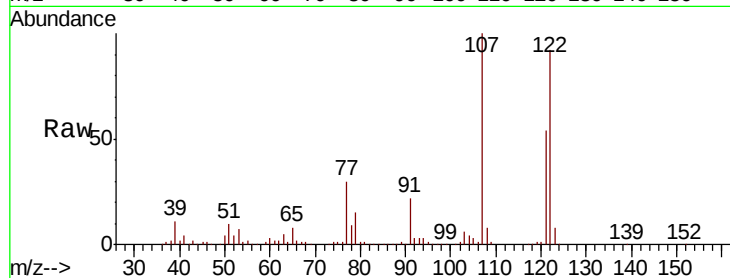
Tgt Ion:122 Resp: 777607

Ion Ratio Lower Upper

122 100

107 108.5 85.8 128.6

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.301 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

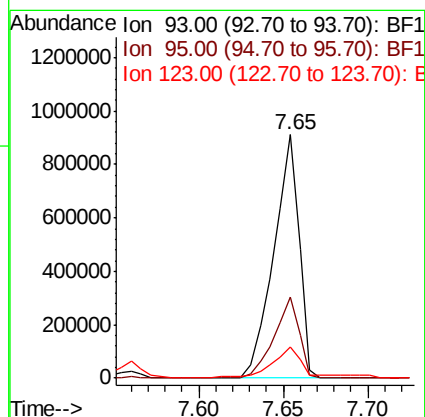
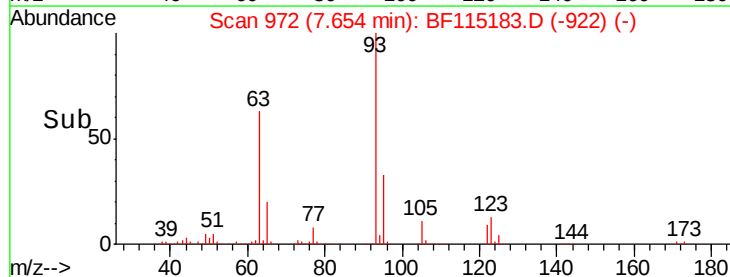
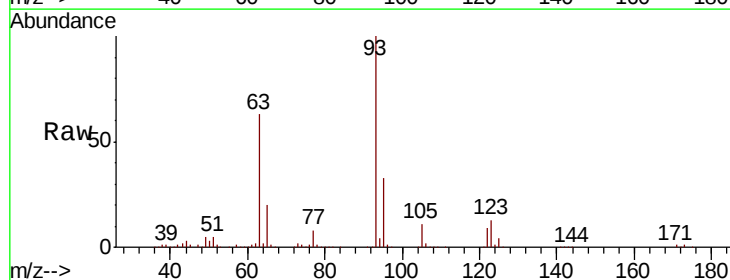
Tgt Ion: 93 Resp: 948171

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 12.7 9.7 14.5

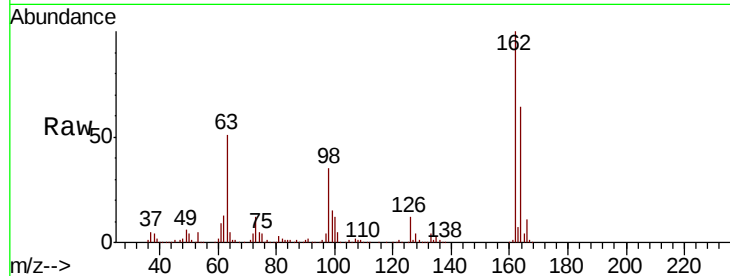




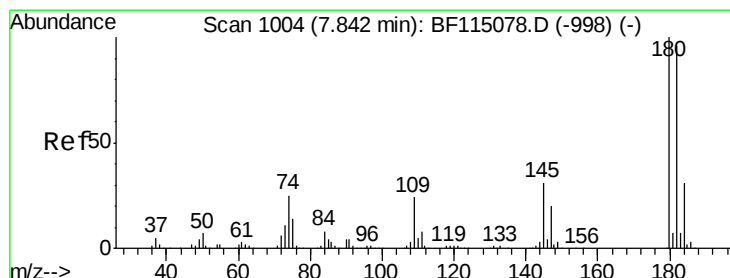
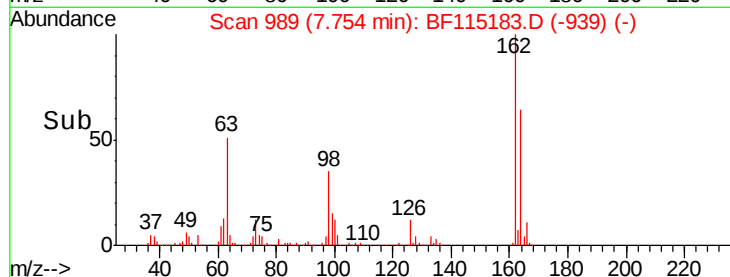
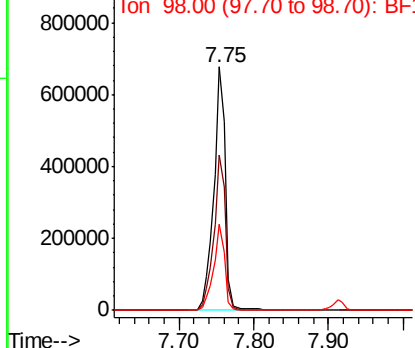
#29
2,4-Dichlorophenol
Concen: 43.936 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	35.2	12.5	52.5

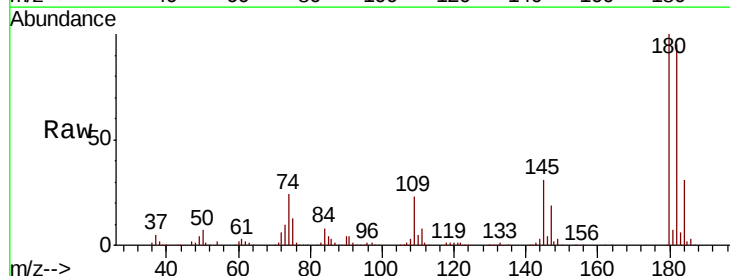


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

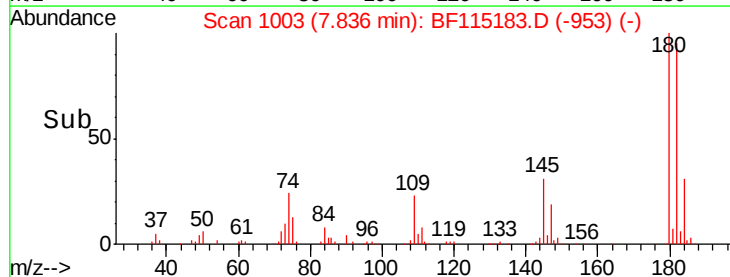
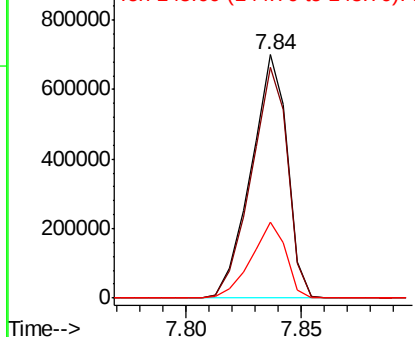


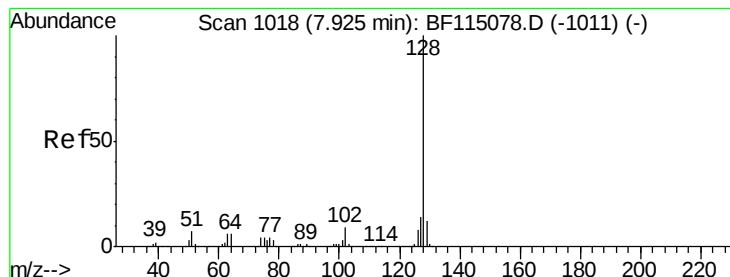
#30
1,2,4-Trichlorobenzene
Concen: 42.462 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	31.0	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: 42.690 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

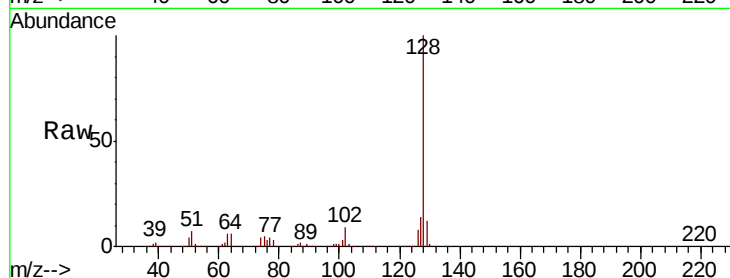
Tgt Ion:128 Resp: 2285644

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

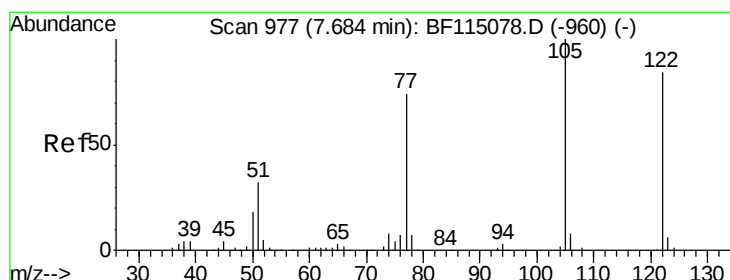
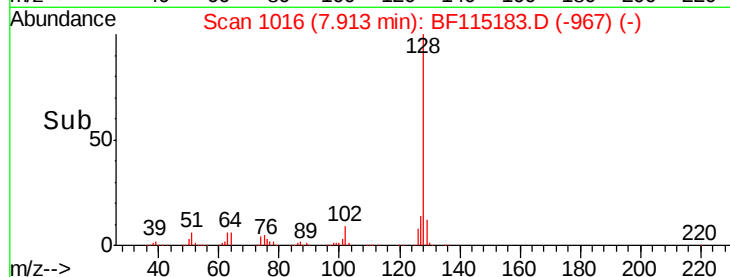
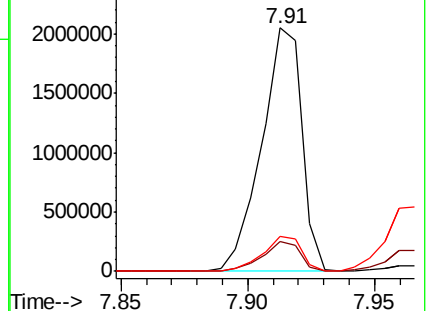
127 14.1 11.4 17.0



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: 54.374 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

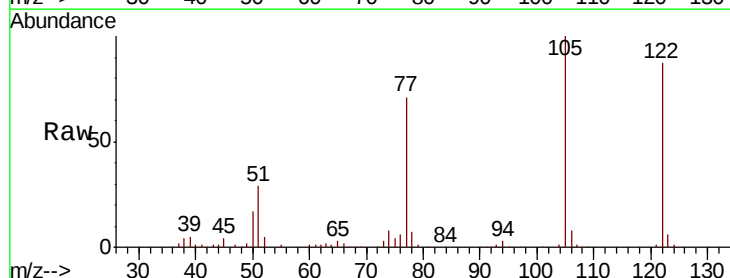
Tgt Ion:122 Resp: 613031

Ion Ratio Lower Upper

122 100

105 115.0 98.2 138.2

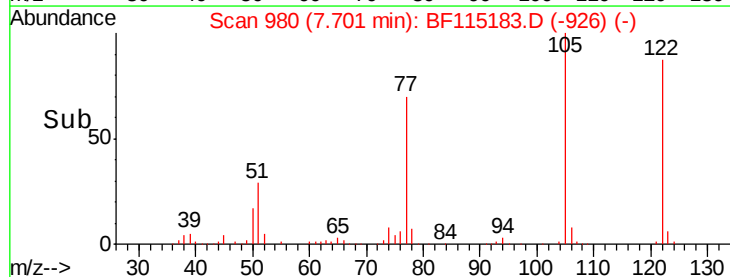
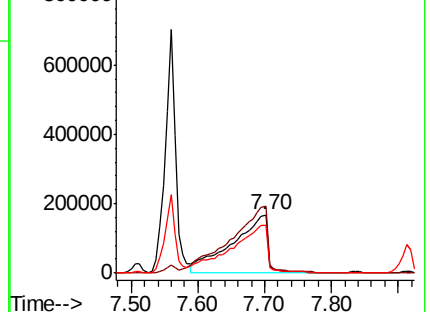
77 81.3 67.0 107.0



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

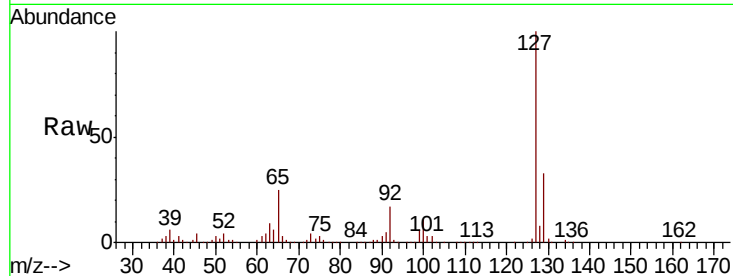




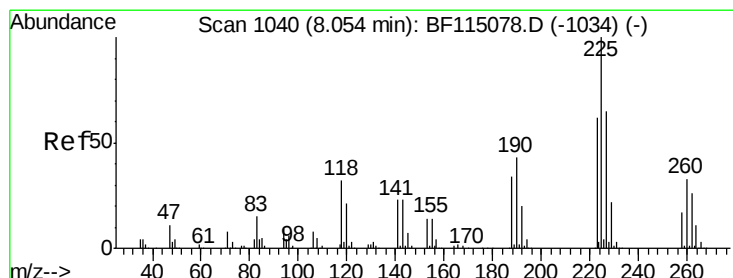
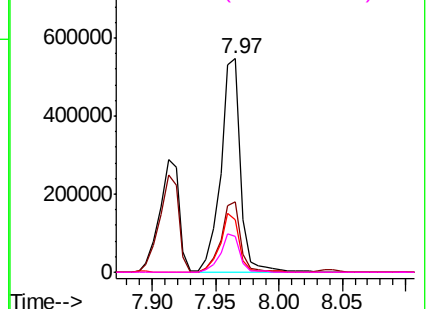
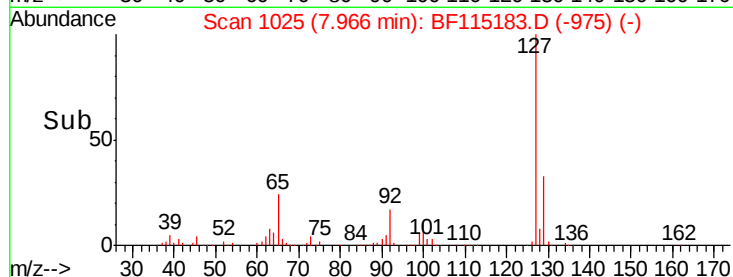
#33
4-Chloroaniline
Concen: 24.387 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:	127	Resp:	596737
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	24.8	21.4	32.2
92	16.8	14.1	21.1

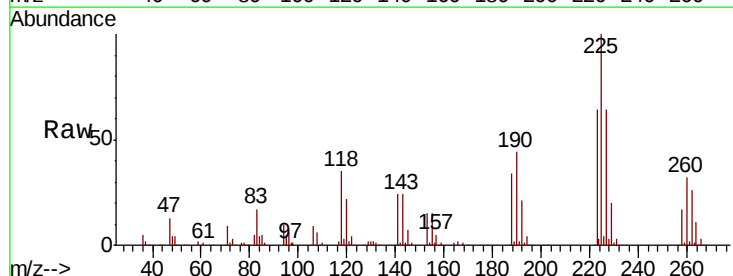


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

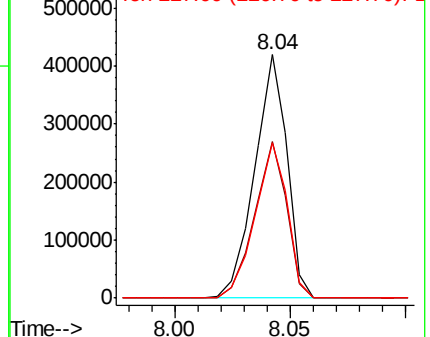
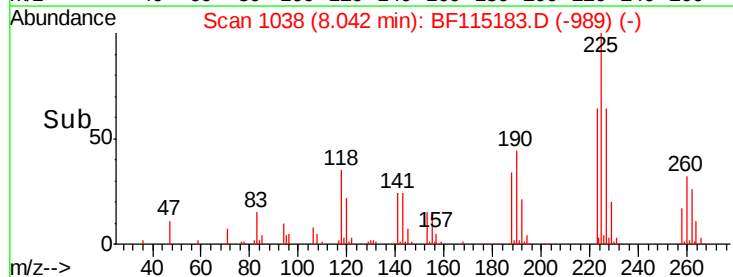


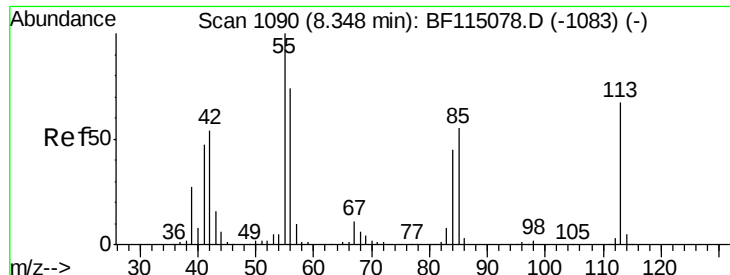
#34
Hexachlorobutadiene
Concen: 41.628 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:	225	Resp:	410722
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.2
227	63.8	51.8	77.8



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

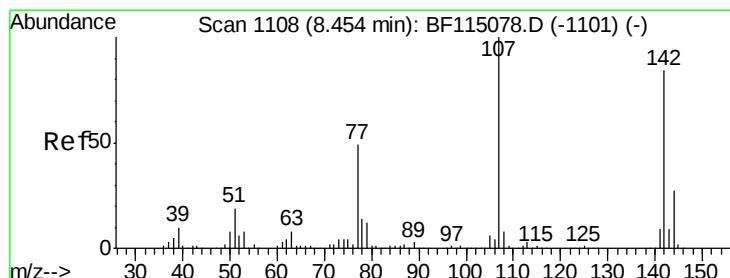
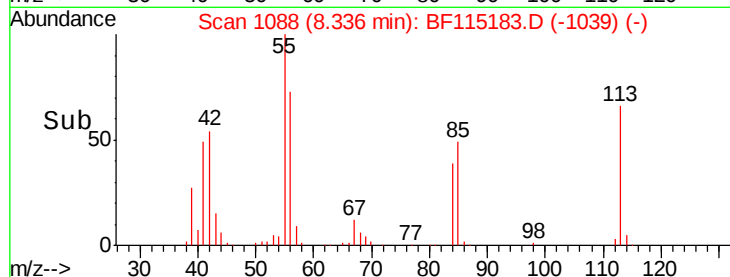
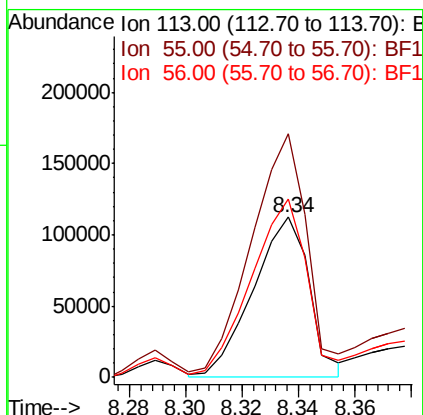
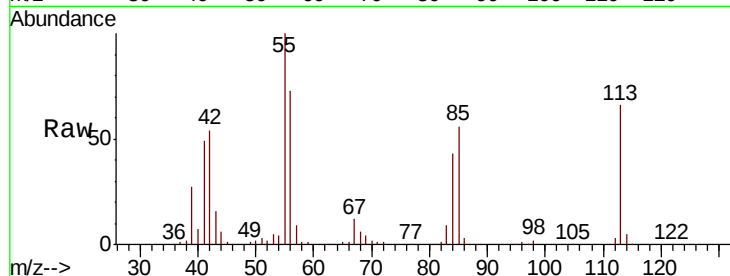




#35
 Caprolactam
 Concen: 28.267 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

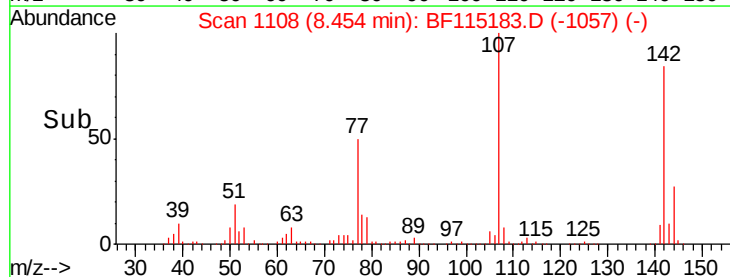
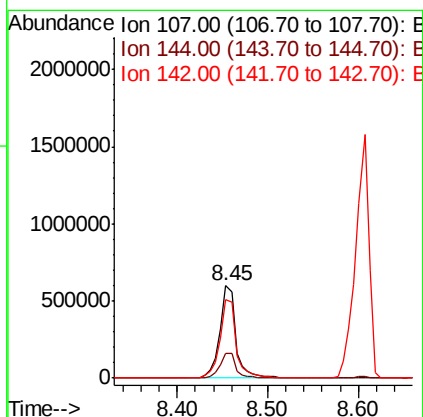
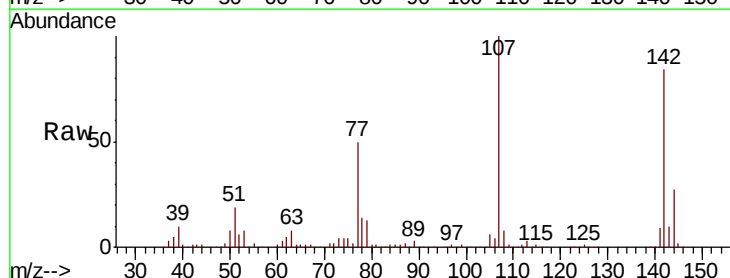
Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

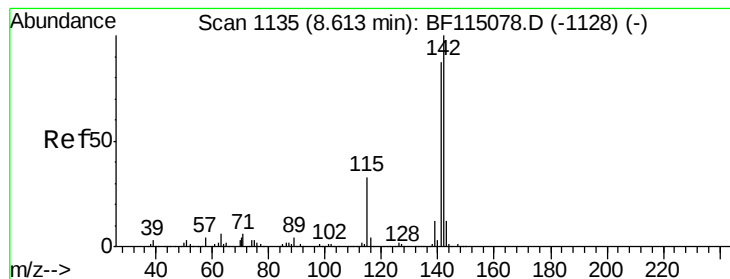
Tgt Ion:113 Resp: 154908
 Ion Ratio Lower Upper
 113 100
 55 152.0 130.2 170.2
 56 111.7 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.419 ng
 RT: 8.45 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:107 Resp: 733225
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.7 32.5
 142 84.3 67.0 100.4





#37

2-Methylnaphthalene

Concen: 43.902 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

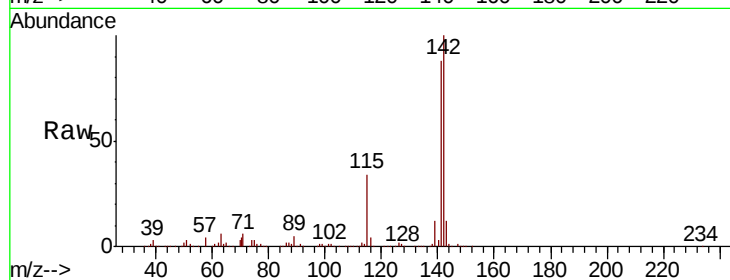
Tgt Ion:142 Resp: 1584868

Ion Ratio Lower Upper

142 100

141 88.5 69.8 104.6

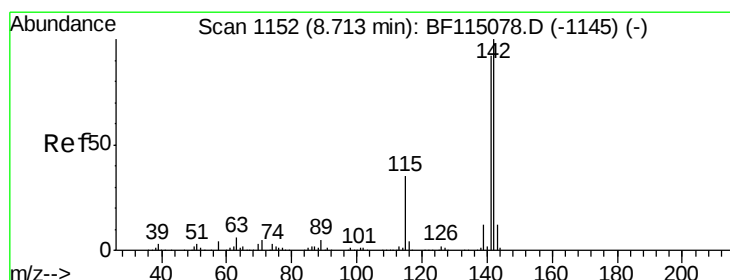
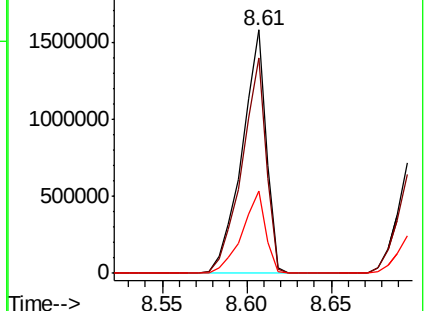
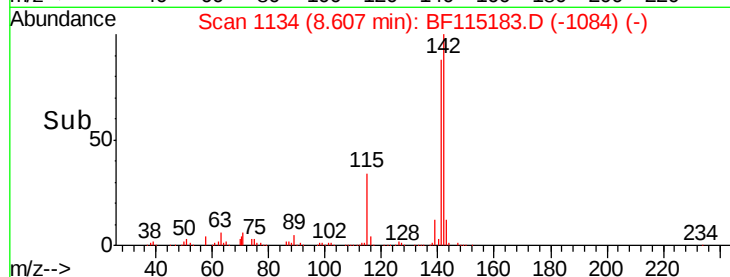
115 33.8 26.7 40.1



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: 43.770 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

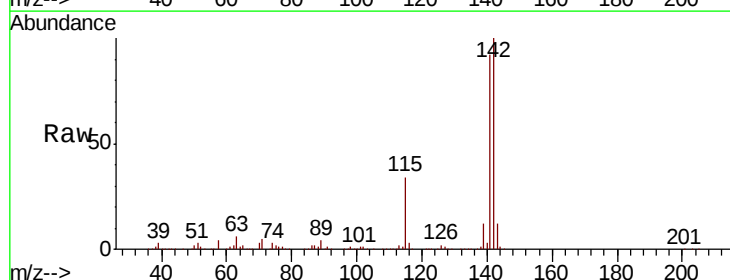
Tgt Ion:142 Resp: 1509097

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8

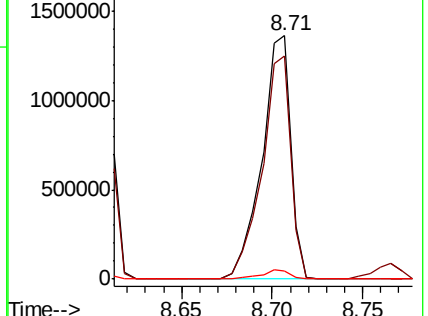
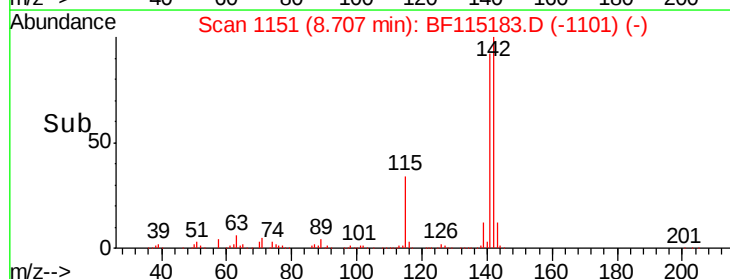
116 3.5 2.8 4.2

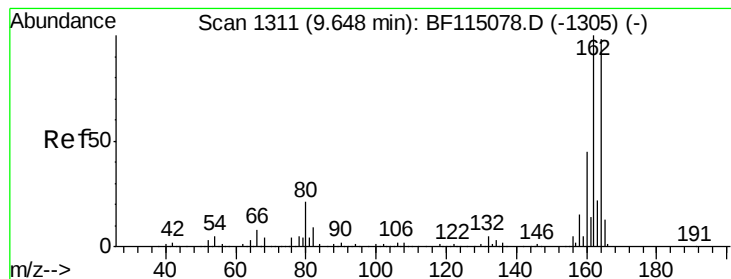


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

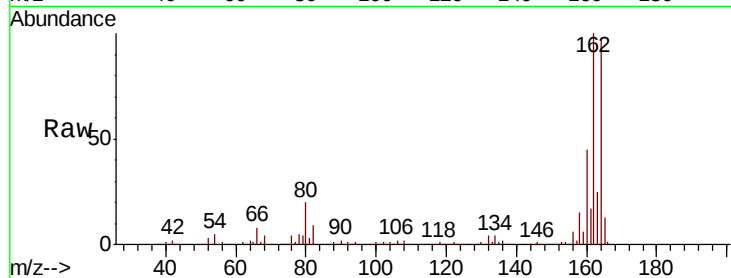
Tgt Ion:164 Resp: 544067

Ion Ratio Lower Upper

164 100

162 102.6 81.7 122.5

160 46.2 37.0 55.4

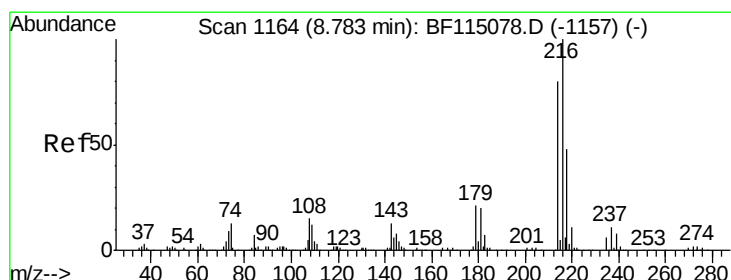
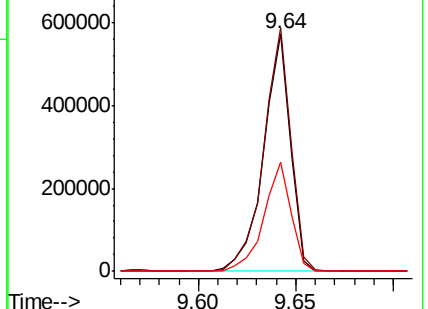
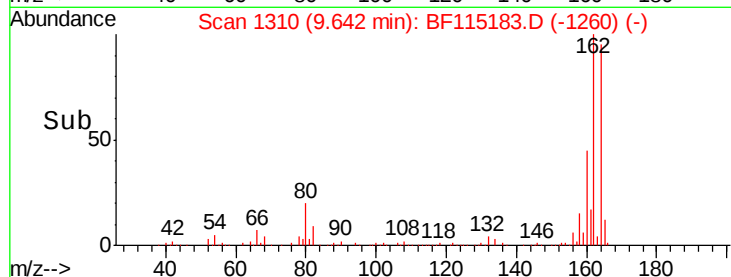


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.134 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Tgt Ion:216 Resp: 663157

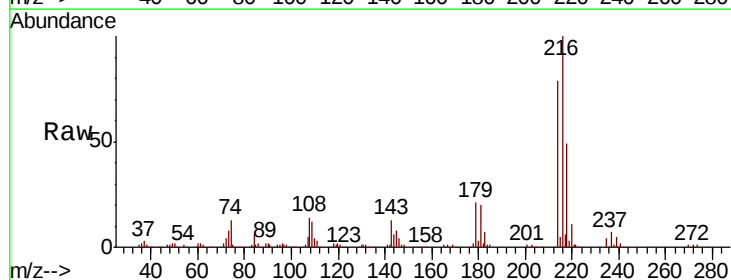
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 22.1 17.6 26.4

108 20.3 15.7 23.5



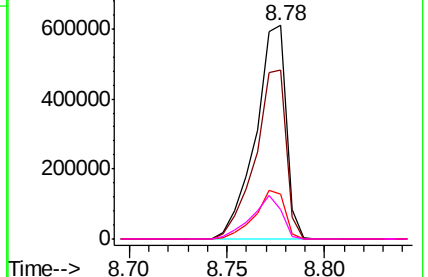
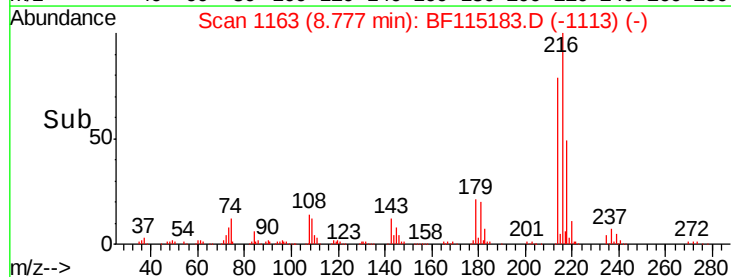
Abundance

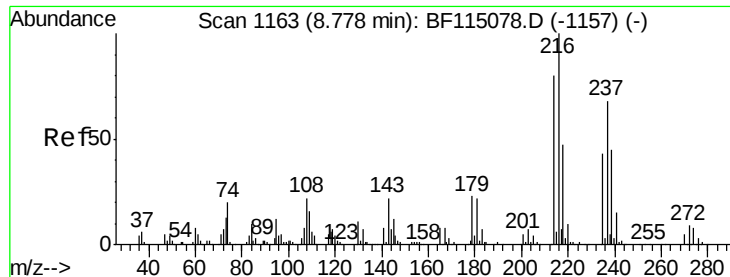
Ion 216.00 (215.70 to 216.70): E

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: 75.676 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

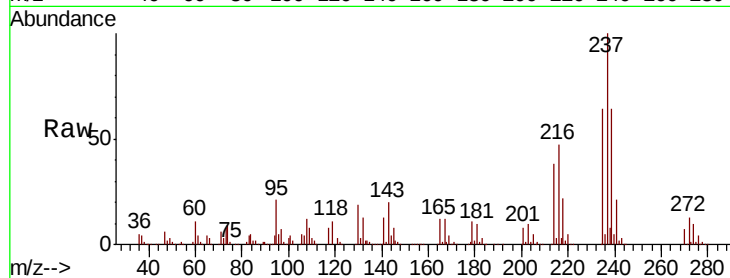
Tgt Ion: 237 Resp: 689901

Ion Ratio Lower Upper

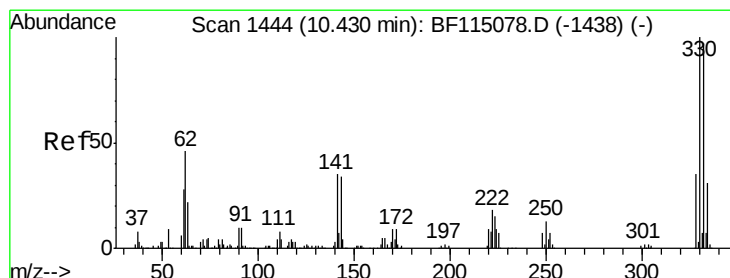
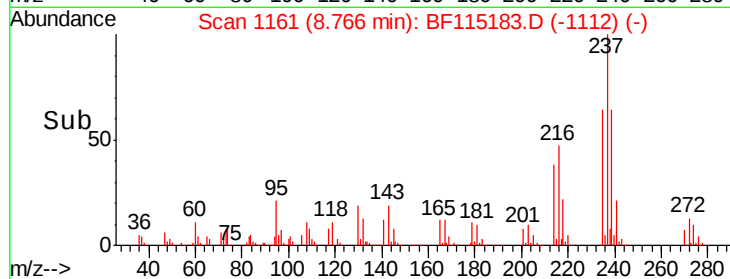
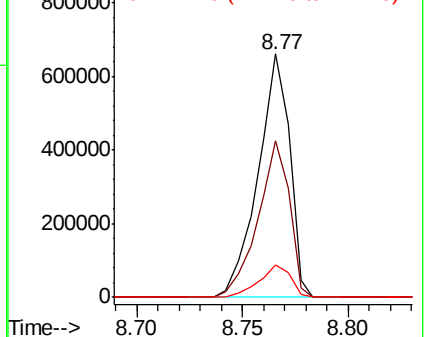
237 100

235 64.2 43.9 83.9

272 13.1 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 123.569 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

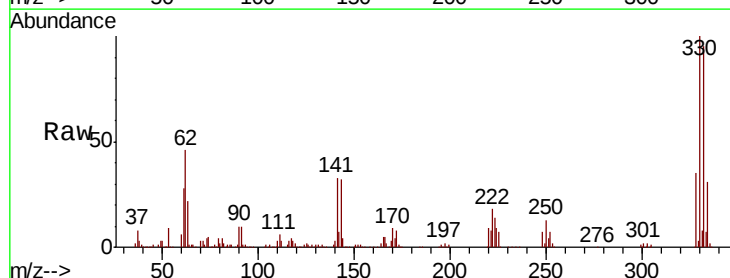
Tgt Ion: 330 Resp: 708960

Ion Ratio Lower Upper

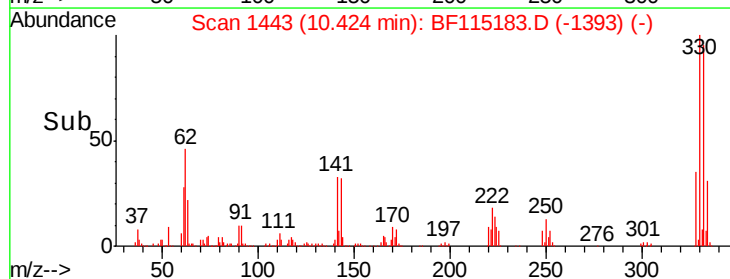
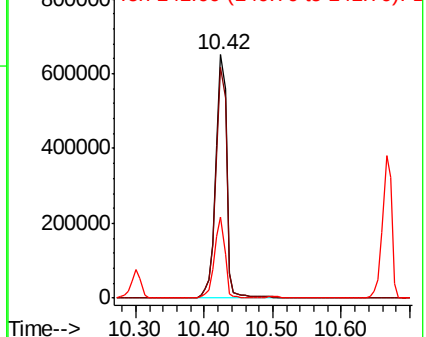
330 100

332 95.5 77.3 115.9

141 32.1 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

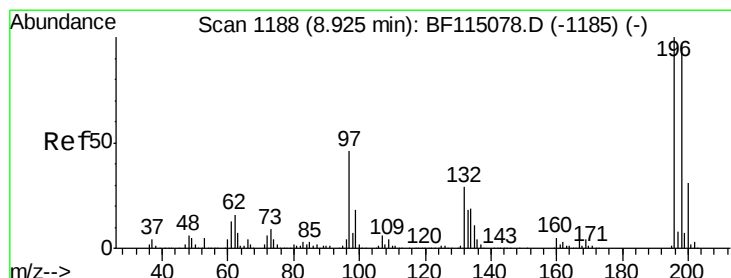
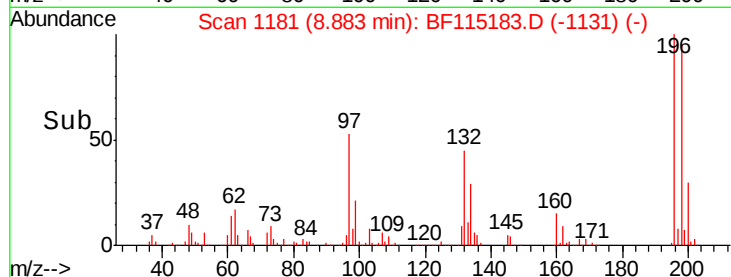
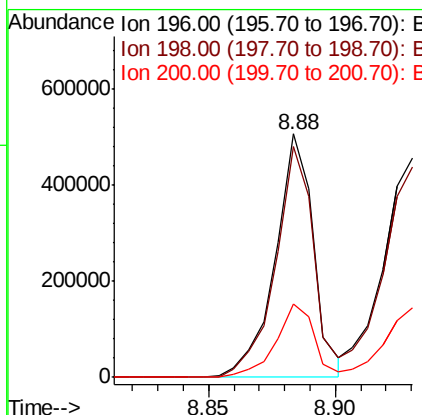
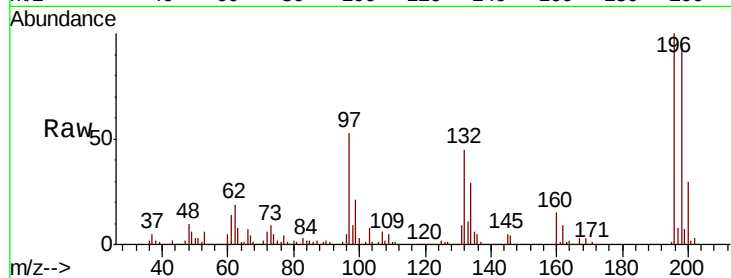




#43
 2,4,6-Trichlorophenol
 Concen: 44.515 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

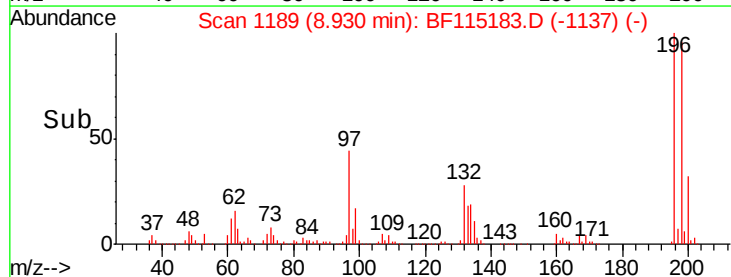
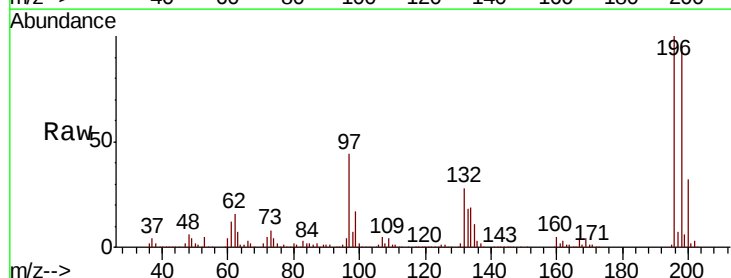
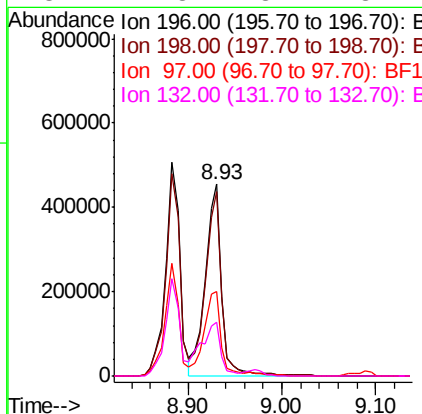
Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

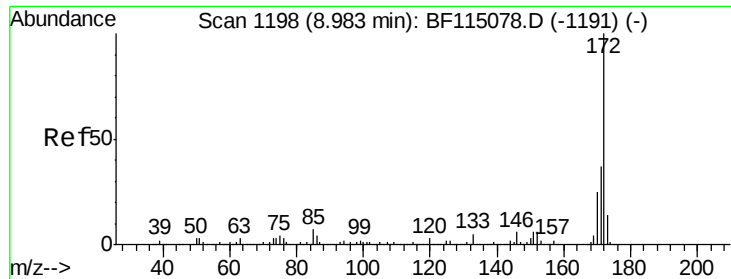
Tgt Ion:196 Resp: 528371
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.3 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.284 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:196 Resp: 553521
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.1 115.7
 97 43.7 37.7 56.5
 132 27.8 23.1 34.7

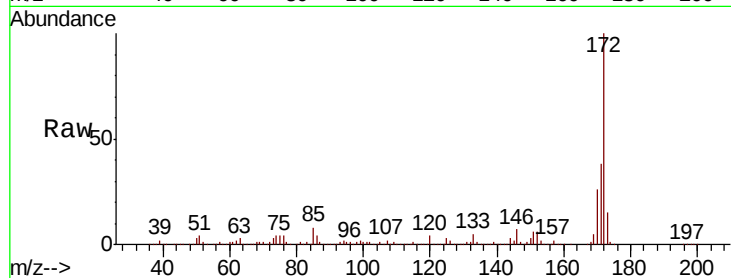




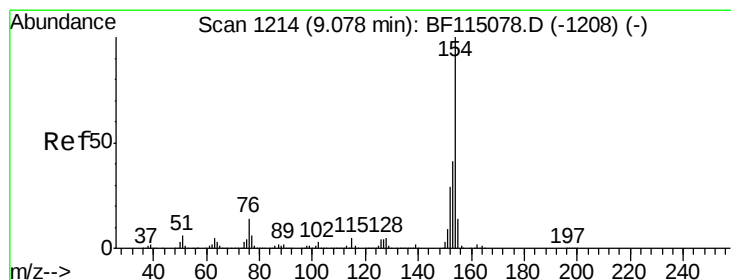
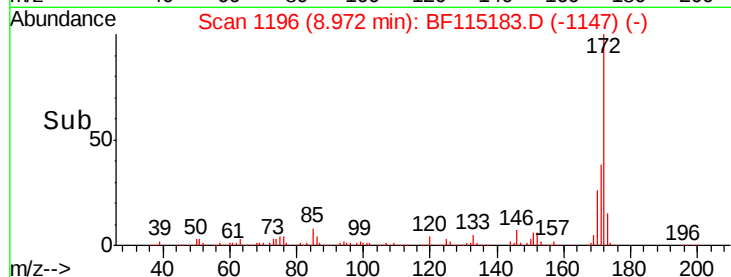
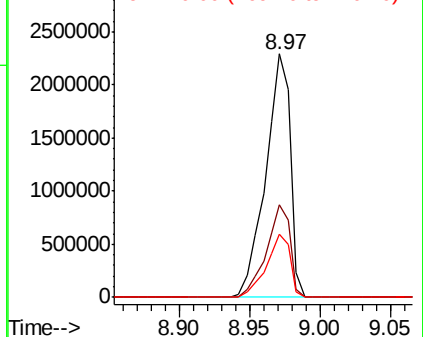
#45
2-Fluorobiphenyl
Concen: 87.655 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:172 Resp: 2807580
Ion Ratio Lower Upper
172 100
171 38.2 29.8 44.6
170 25.9 20.3 30.5

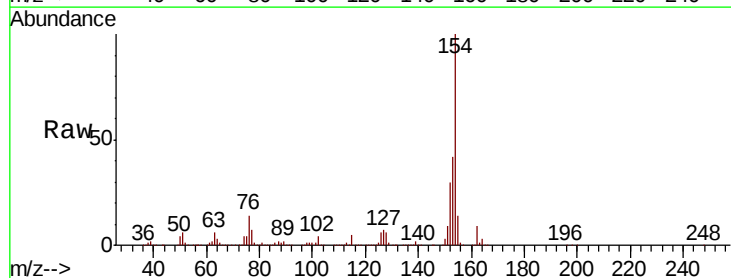


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

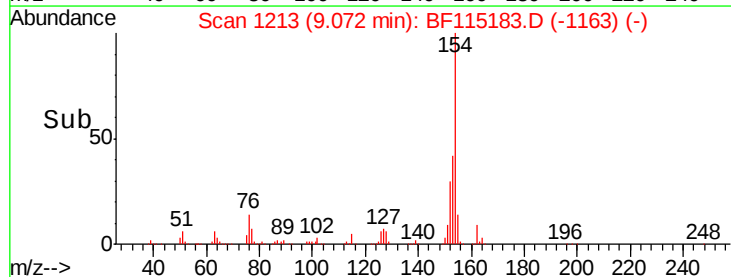
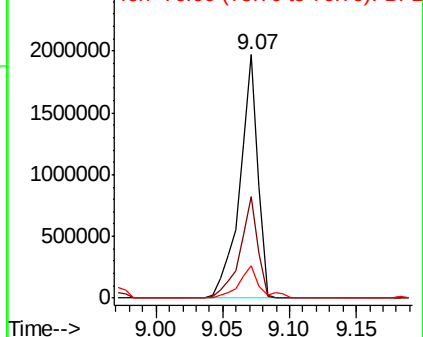


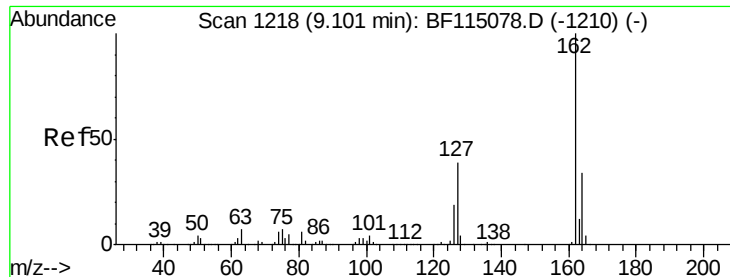
#46
1,1'-Biphenyl
Concen: 42.481 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:154 Resp: 1849343
Ion Ratio Lower Upper
154 100
153 41.6 20.9 60.9
76 13.6 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

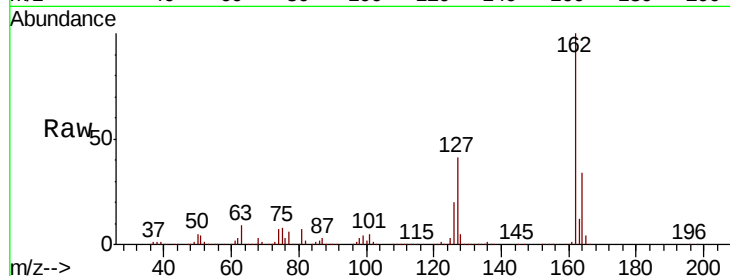




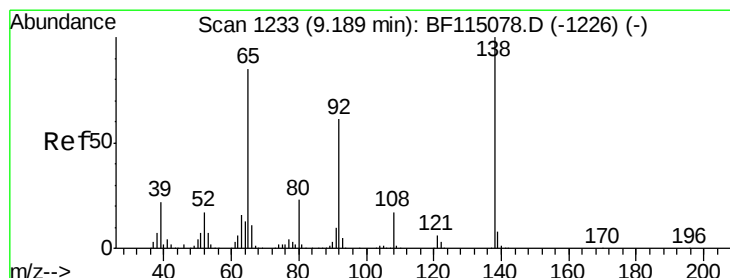
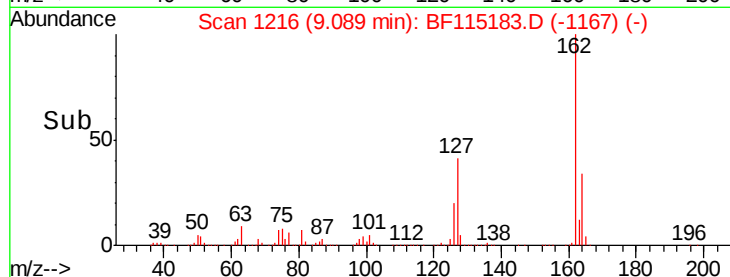
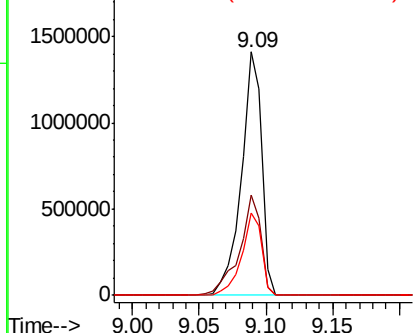
#47
 2-Chloronaphthalene
 Concen: 41.984 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion: 162 Resp: 1482547
 Ion Ratio Lower Upper
 162 100
 127 41.0 30.8 46.2
 164 33.9 27.0 40.4

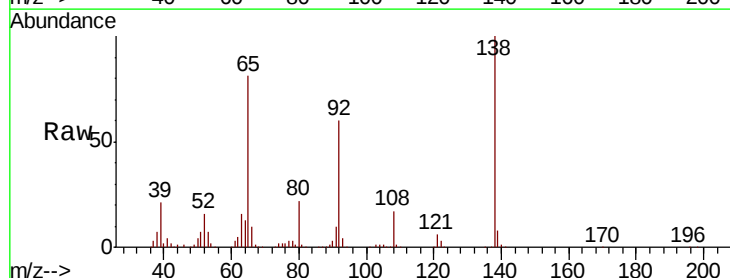


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

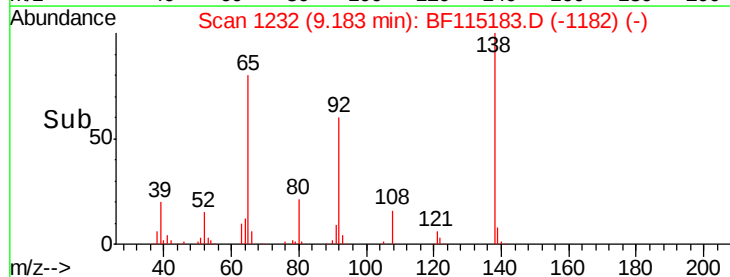
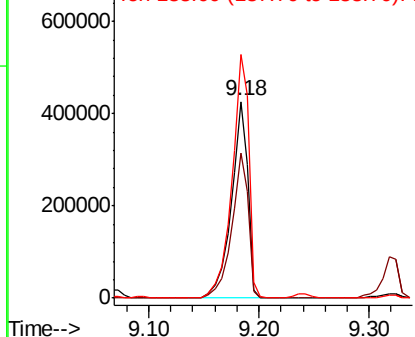


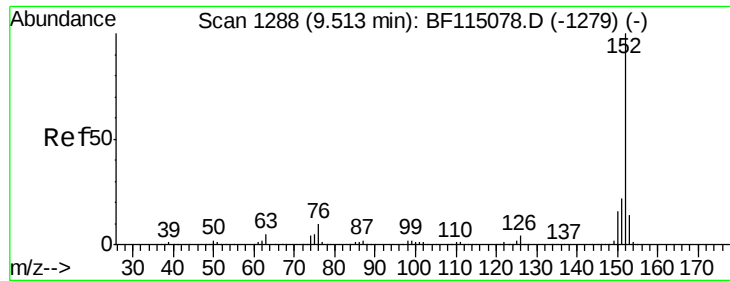
#48
 2-Nitroaniline
 Concen: 43.195 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion: 65 Resp: 444688
 Ion Ratio Lower Upper
 65 100
 92 73.8 57.4 86.2
 138 123.7 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: 42.379 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

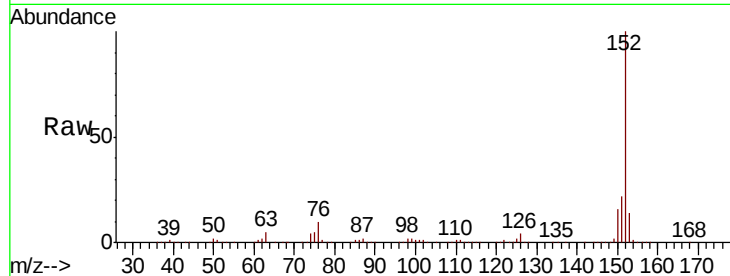
Tgt Ion:152 Resp: 2331562

Ion Ratio Lower Upper

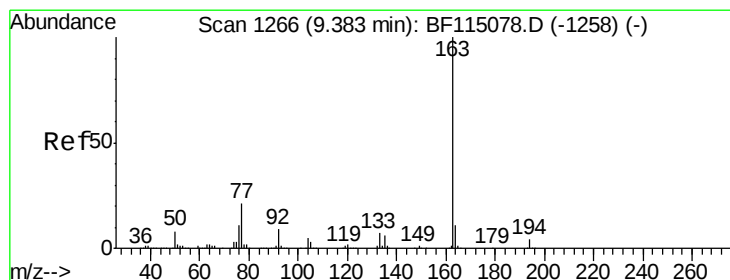
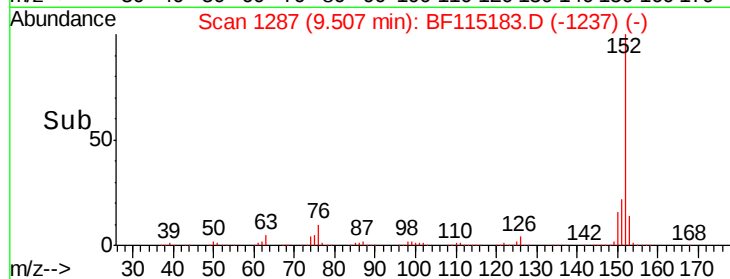
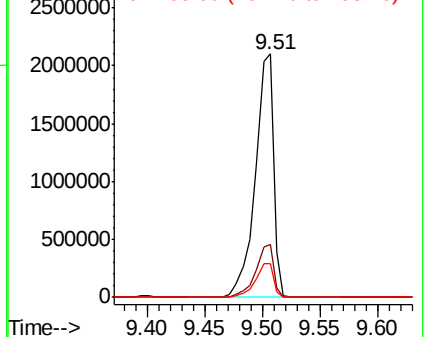
152 100

151 21.6 17.2 25.8

153 13.9 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: 42.917 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

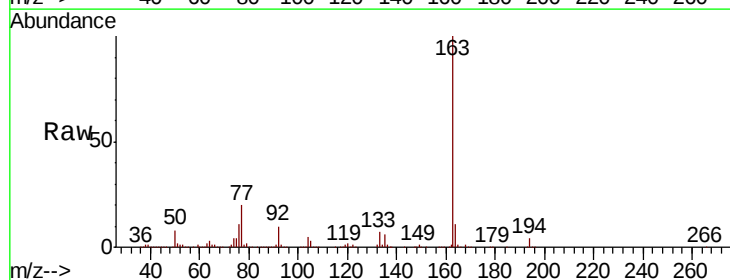
Tgt Ion:163 Resp: 1717882

Ion Ratio Lower Upper

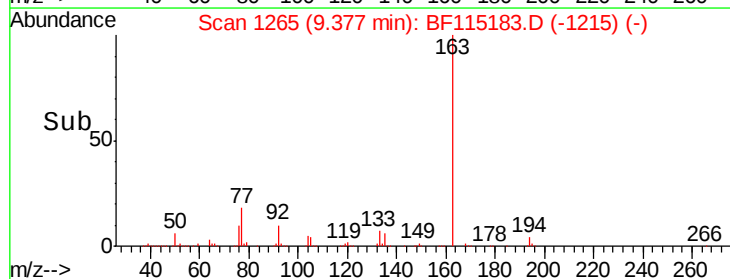
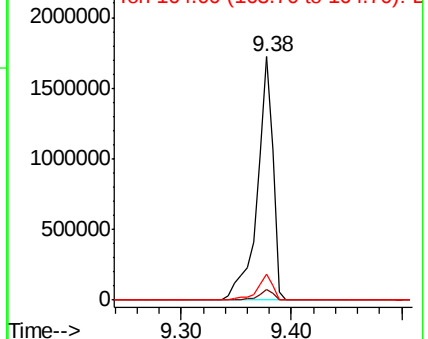
163 100

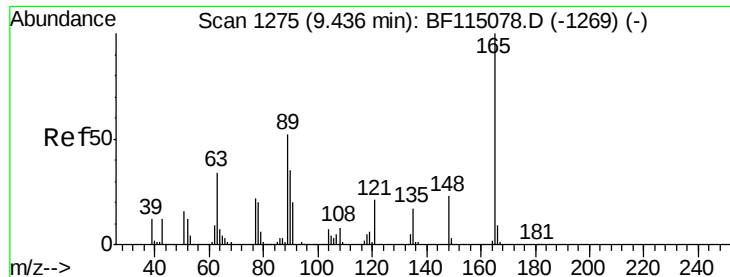
194 4.2 3.2 4.8

164 10.9 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

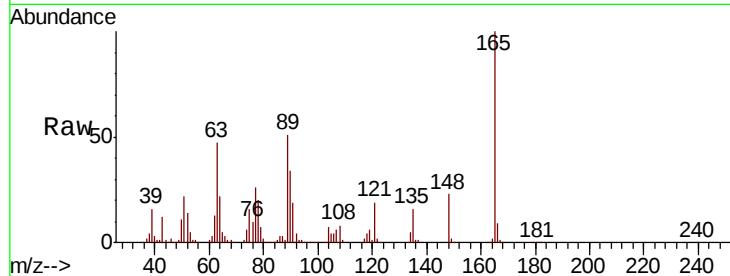




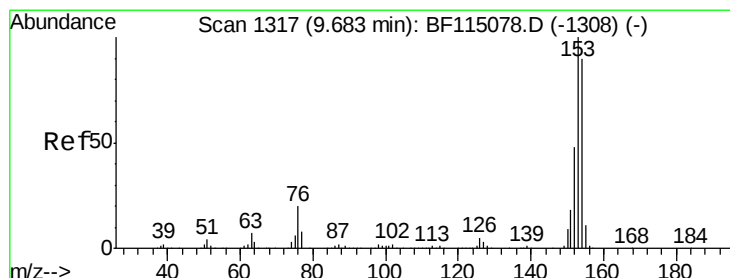
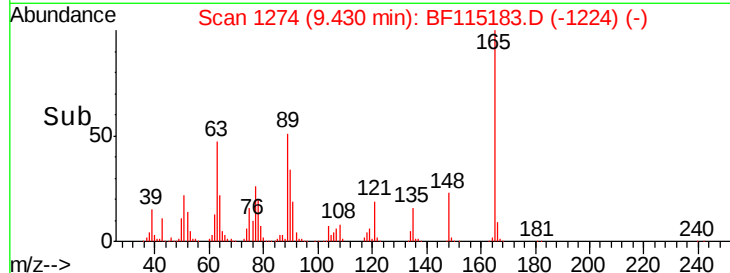
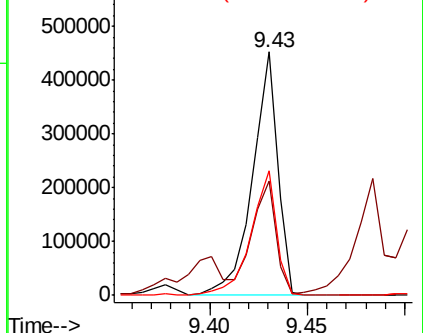
#51
 2,6-Dinitrotoluene
 Concen: 44.105 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion:165 Resp: 407586
 Ion Ratio Lower Upper
 165 100
 63 47.2 39.4 59.2
 89 51.0 42.0 63.0

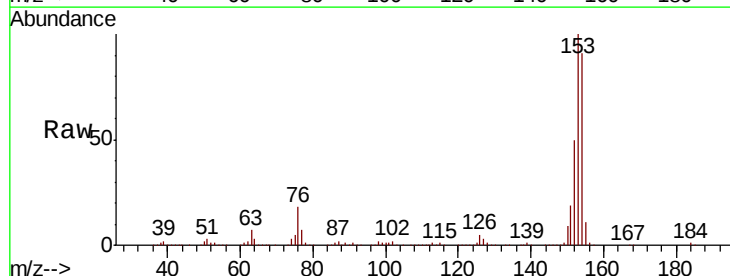


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

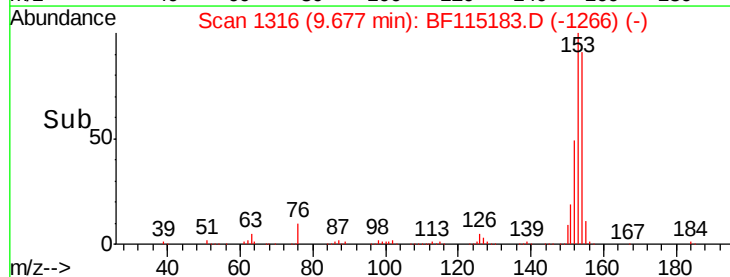
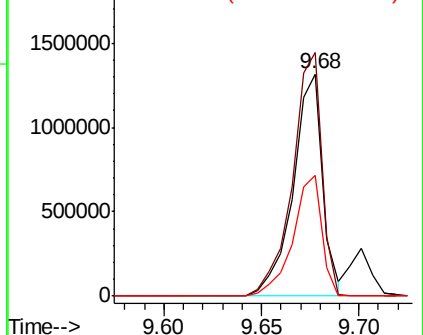


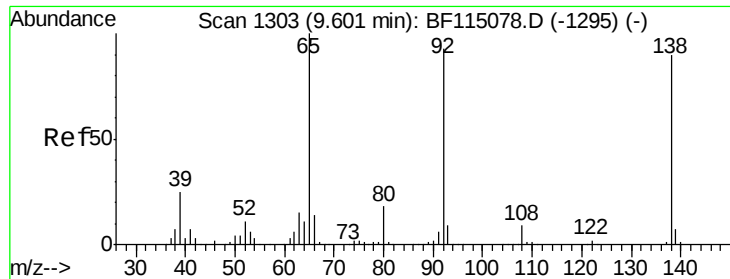
#52
 Acenaphthene
 Concen: 40.141 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:154 Resp: 1381950
 Ion Ratio Lower Upper
 154 100
 153 109.6 88.7 133.1
 152 54.3 42.6 64.0



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

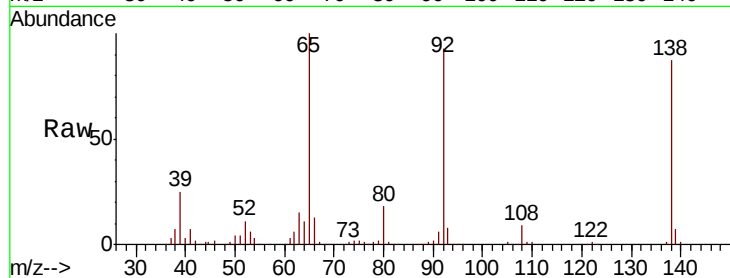




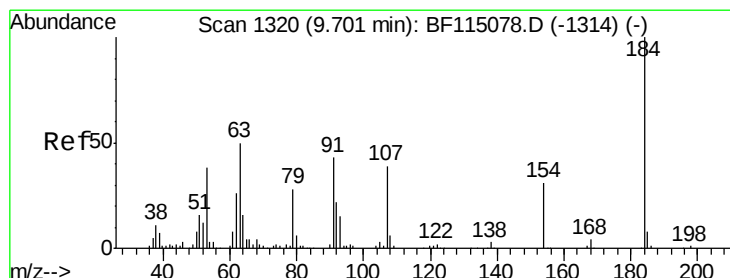
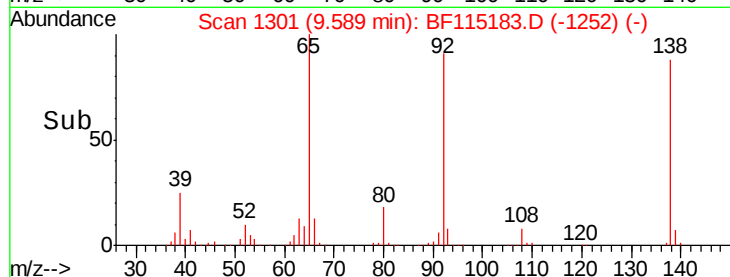
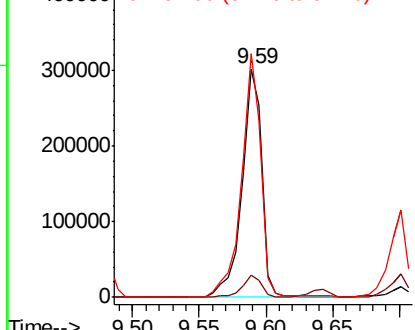
#53
 3-Nitroaniline
 Concen: 27.343 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion:138 Resp: 308362
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.8 11.6
 92 106.5 82.9 124.3

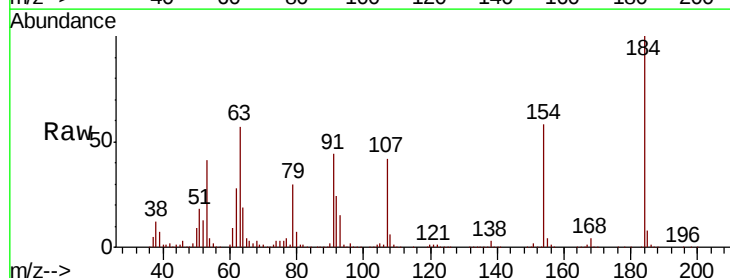


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

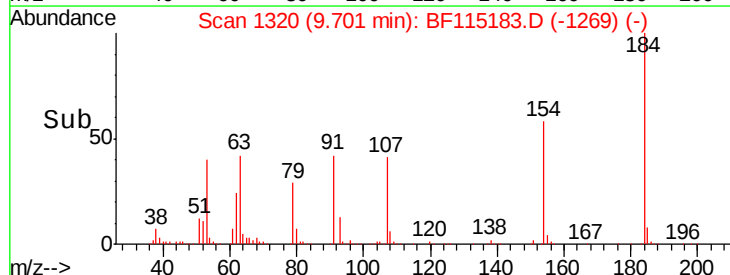
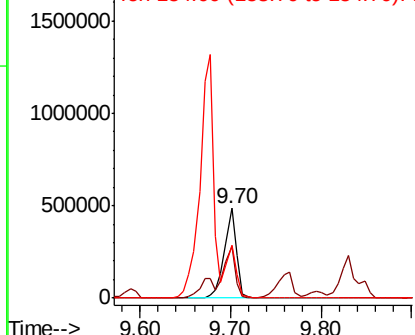


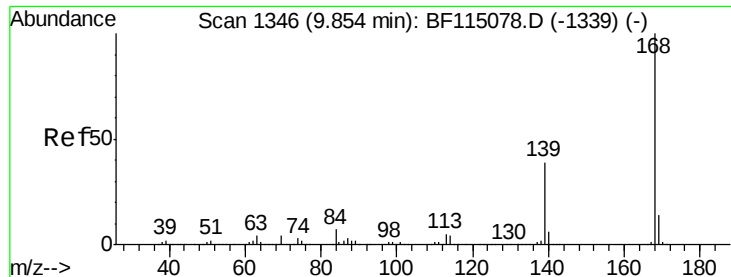
#54
 2,4-Dinitrophenol
 Concen: 92.459 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:184 Resp: 445655
 Ion Ratio Lower Upper
 184 100
 63 57.0 41.9 62.9
 154 58.4 44.7 67.1



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

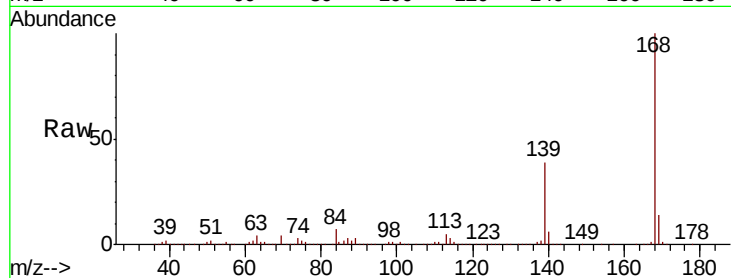




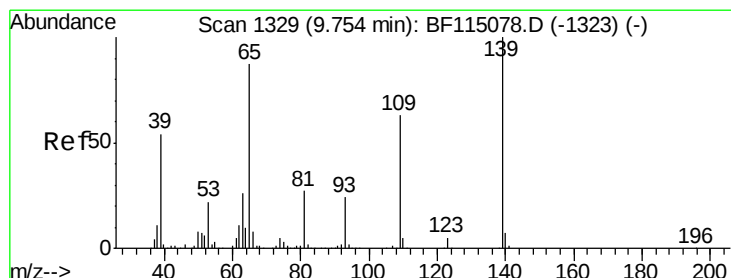
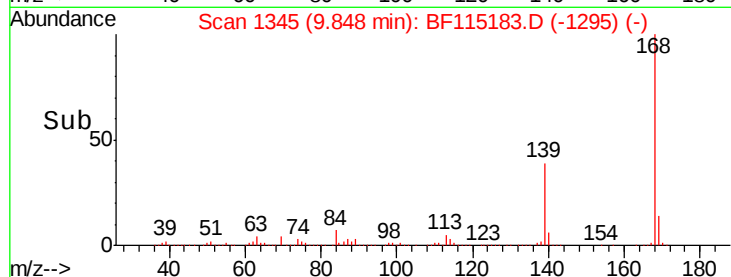
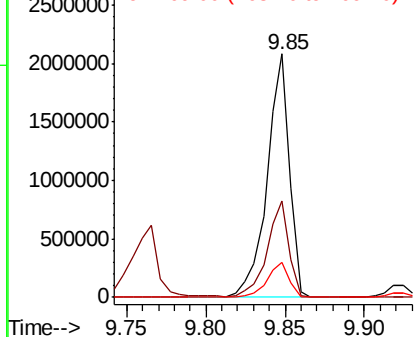
#55
Dibenzofuran
Concen: 41.547 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:168 Resp: 2052947
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 14.4 11.3 16.9

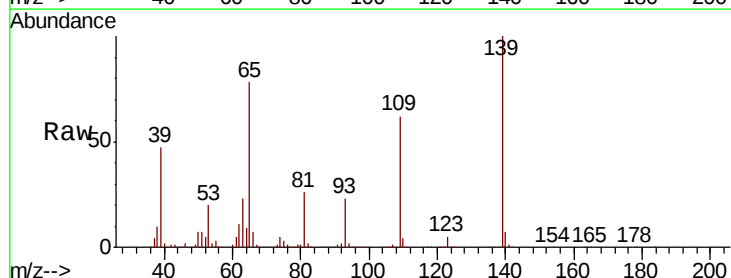


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

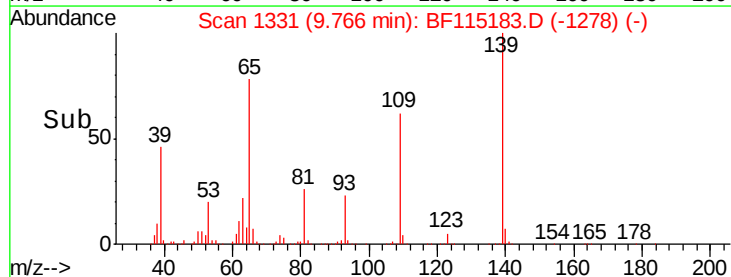
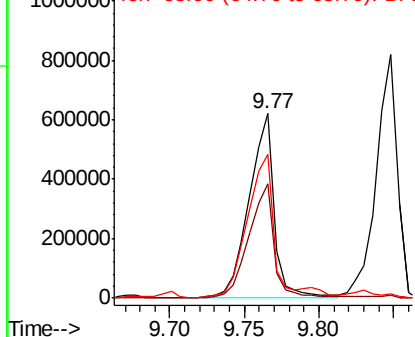


#56
4-Nitrophenol
Concen: 80.708 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:139 Resp: 729691
Ion Ratio Lower Upper
139 100
109 61.9 43.0 83.0
65 78.4 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

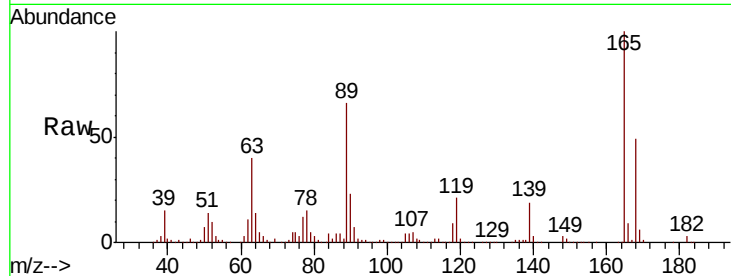




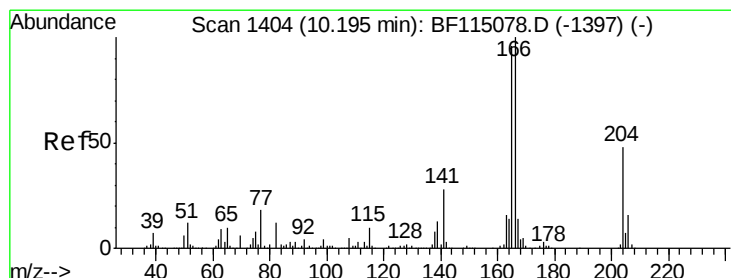
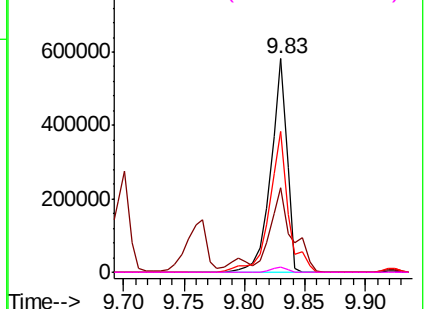
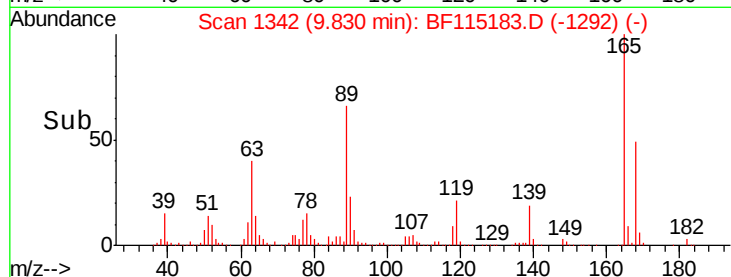
#57
2,4-Dinitrotoluene
Concen: 45.608 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:	165	Resp:	544217
Ion	Ratio	Lower	Upper
165	100		
63	39.8	27.5	41.3
89	66.0	49.9	74.9
182	2.7	2.1	3.1

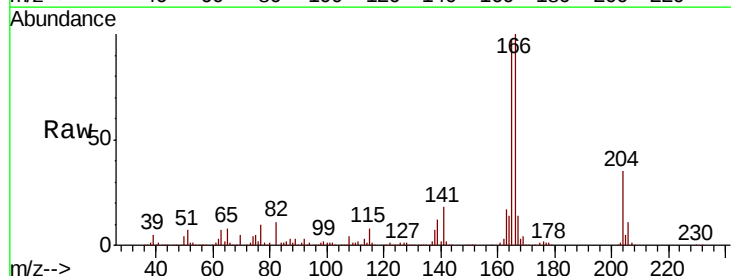


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

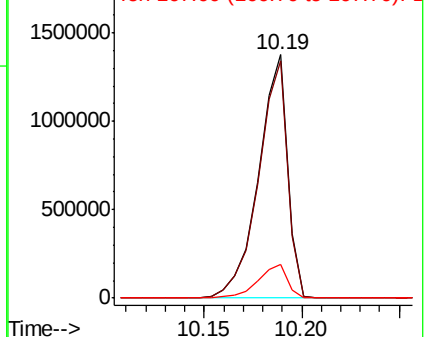
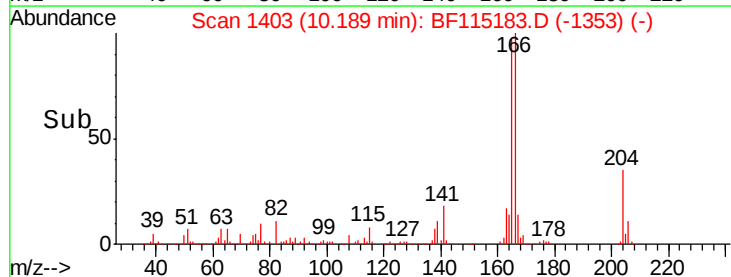


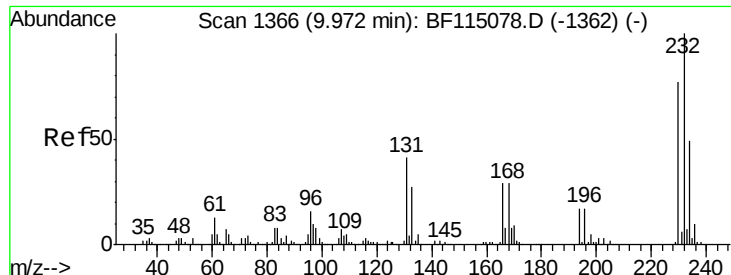
#58
Fluorene
Concen: 42.705 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:	166	Resp:	1415986
Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.5	114.7
167	13.7	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

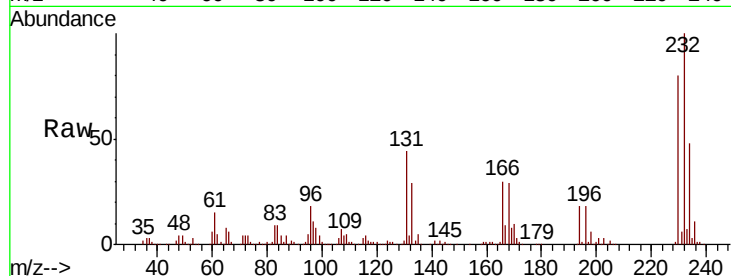




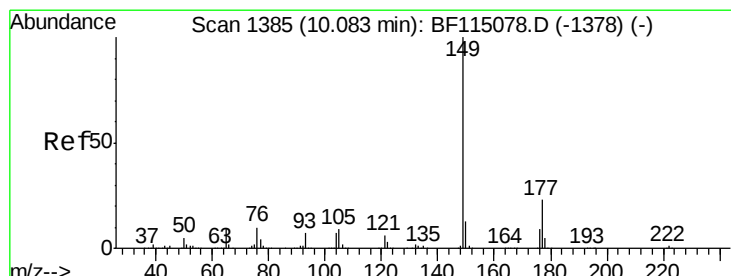
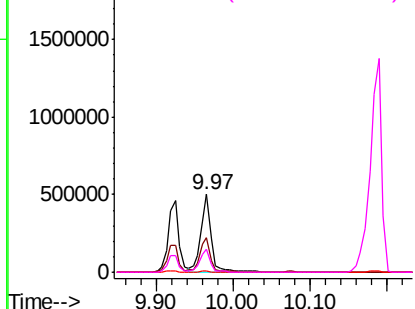
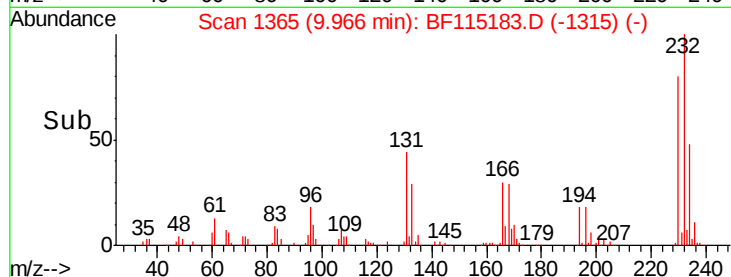
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.765 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.6	37.4	56.0
130	2.2	1.8	2.6
166	29.4	24.6	36.8

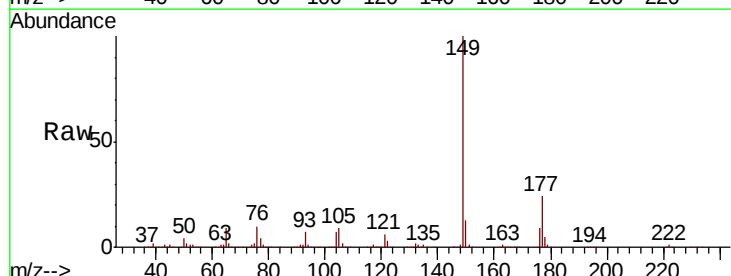


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

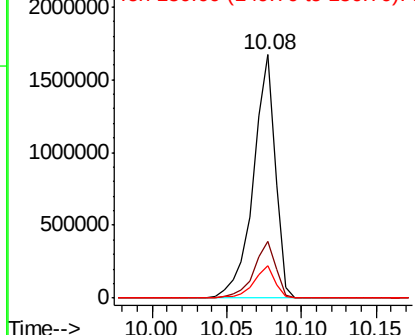
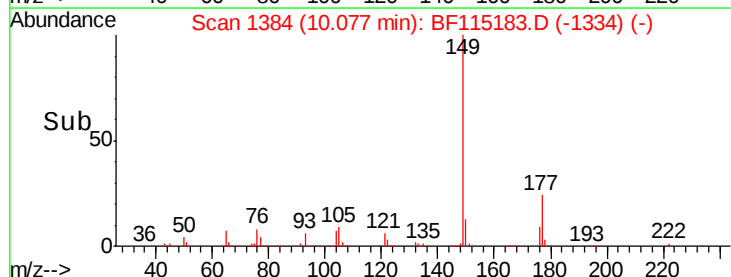


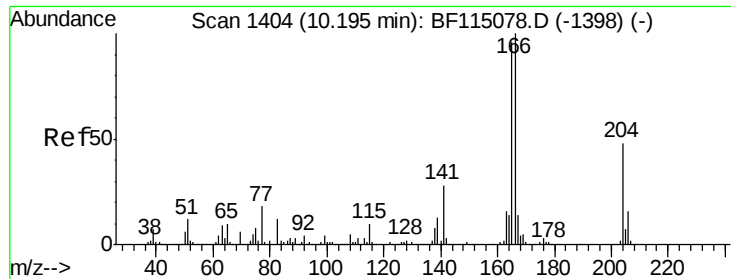
#60
 Diethylphthalate
 Concen: 41.945 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.2	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

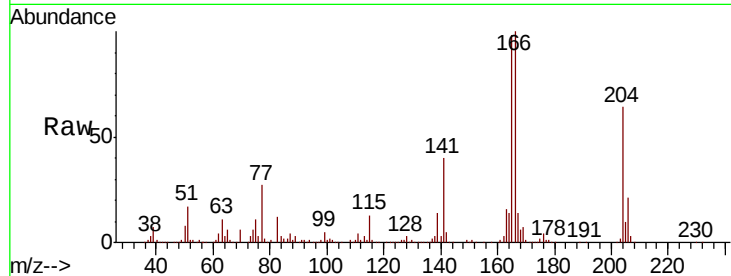




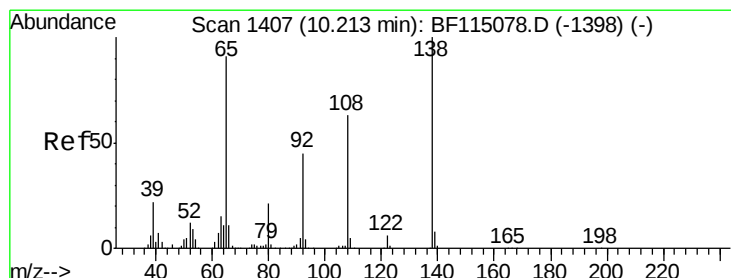
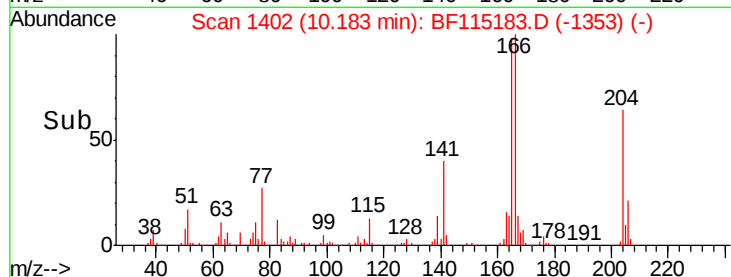
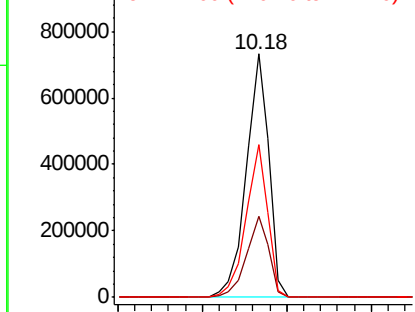
#61
4-Chlorophenyl-phenylether
Concen: 43.660 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:204 Resp: 685744
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 62.5 46.7 70.1

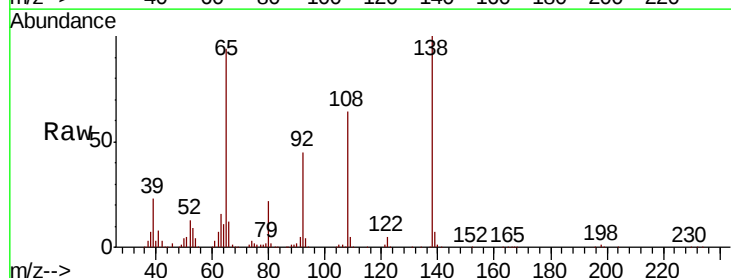


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

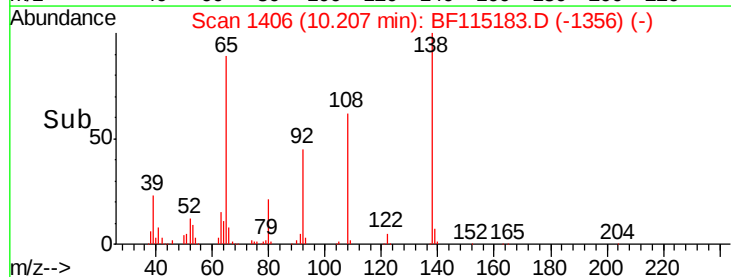
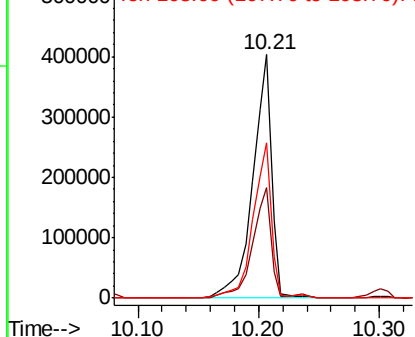


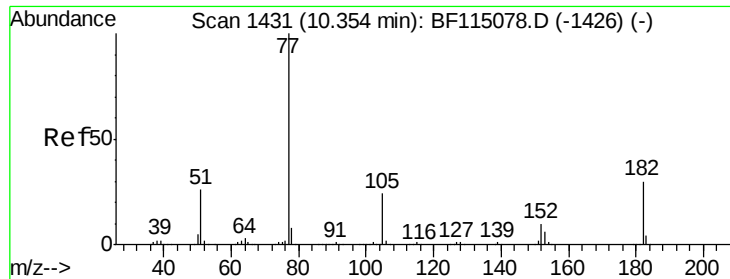
#62
4-Nitroaniline
Concen: 38.963 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:138 Resp: 440806
Ion Ratio Lower Upper
138 100
92 45.5 24.8 64.8
108 64.0 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: 41.228 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tgt Ion: 77 Resp: 1549427

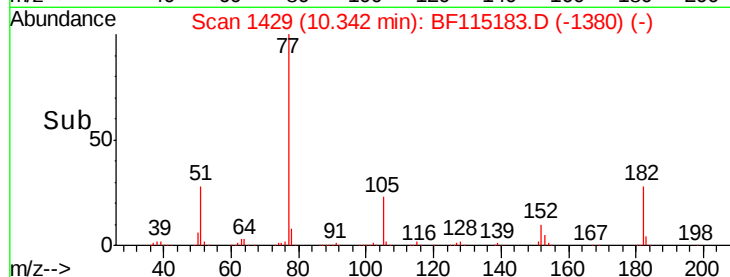
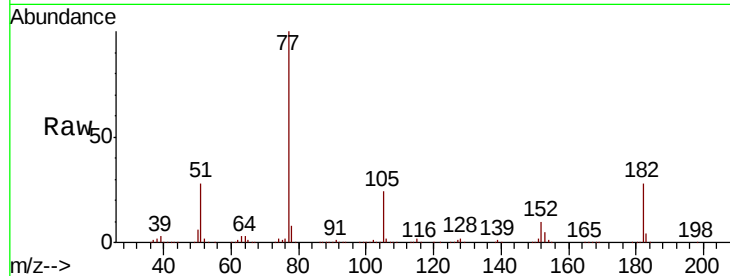
Ion Ratio Lower Upper

77 100

182 27.6 10.1 50.1

105 23.7 4.5 44.5

51 27.7 6.4 46.4

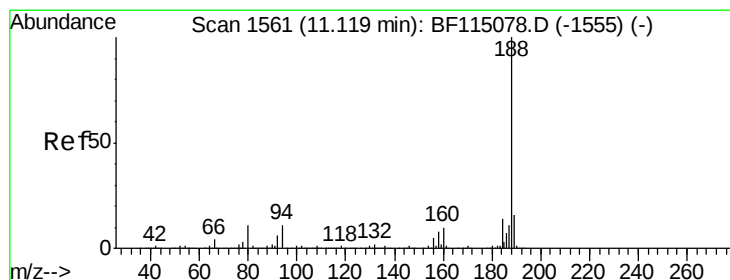
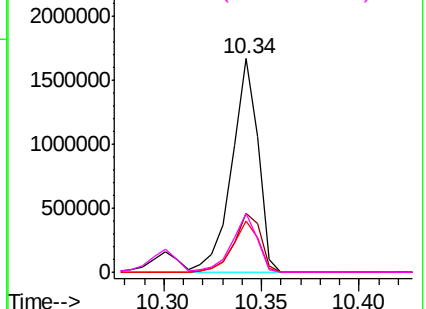


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

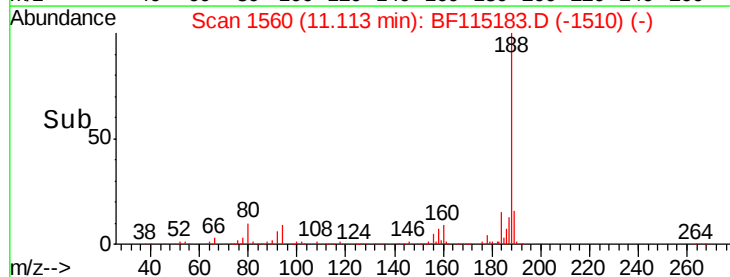
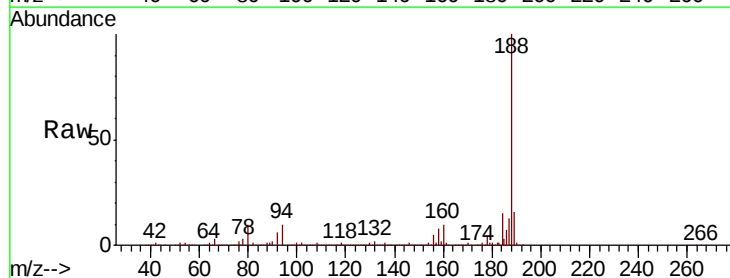
Tgt Ion: 188 Resp: 1072503

Ion Ratio Lower Upper

188 100

94 10.1 8.6 12.8

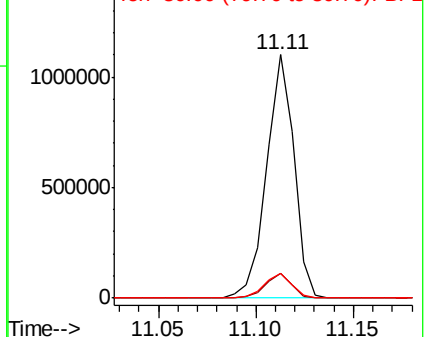
80 10.2 8.8 13.2

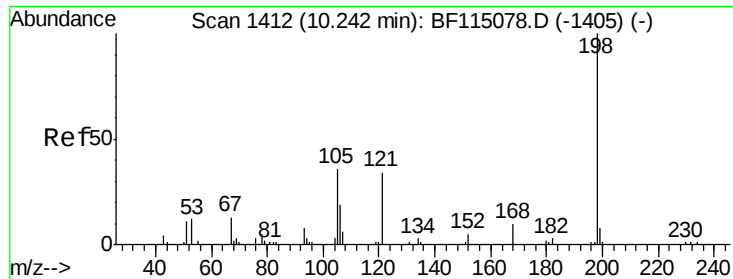


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

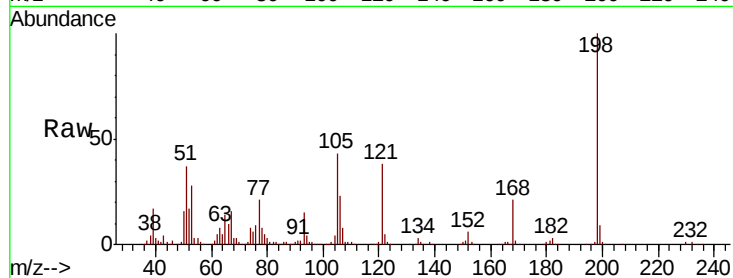




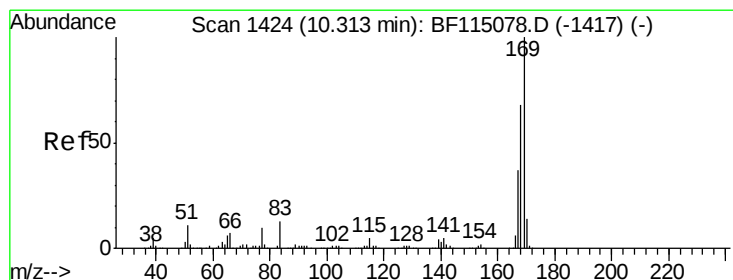
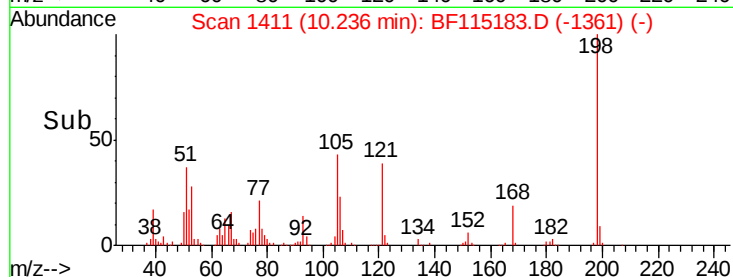
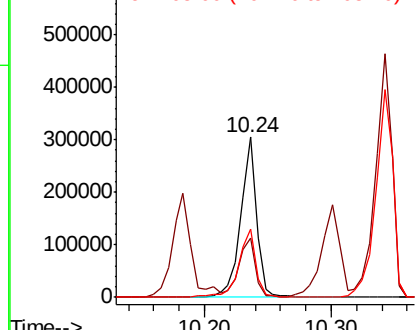
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.325 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion:198 Resp: 263256
 Ion Ratio Lower Upper
 198 100
 51 36.7 11.0 51.0
 105 42.8 17.3 57.3

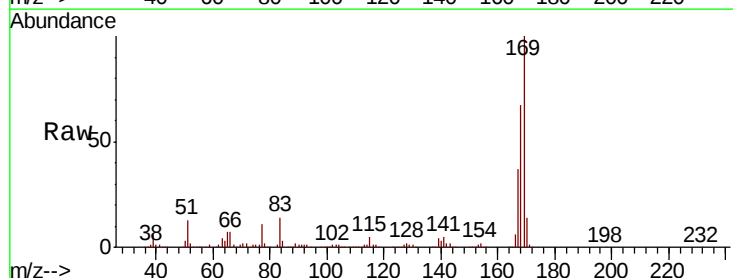


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

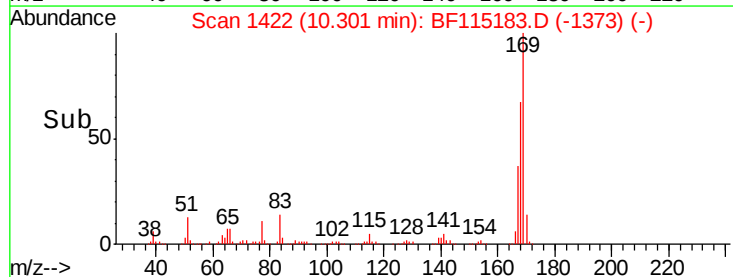
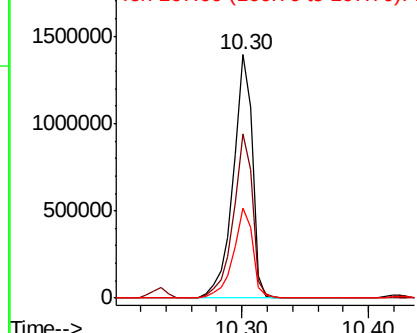


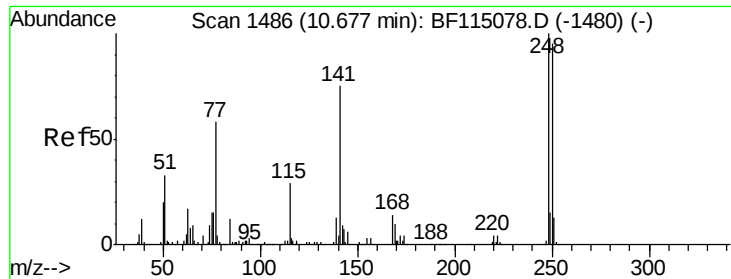
#66
 n-Nitrosodiphenylamine
 Concen: 42.932 ng
 RT: 10.30 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:169 Resp: 1434517
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.2 81.4
 167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

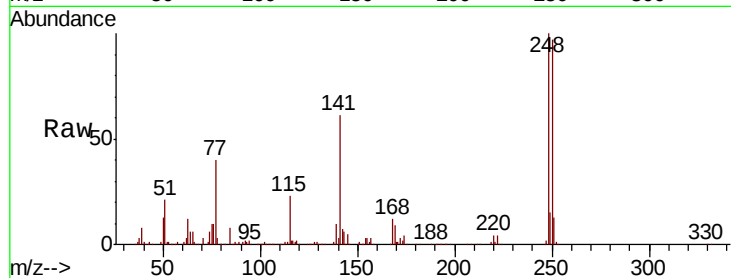




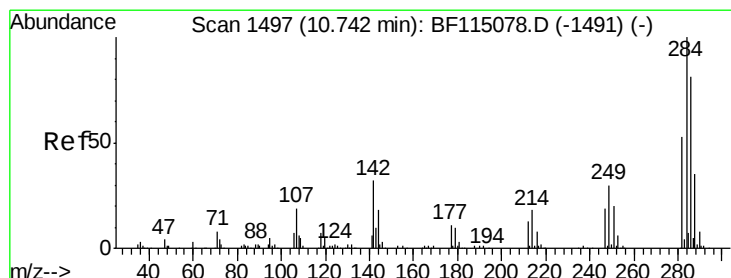
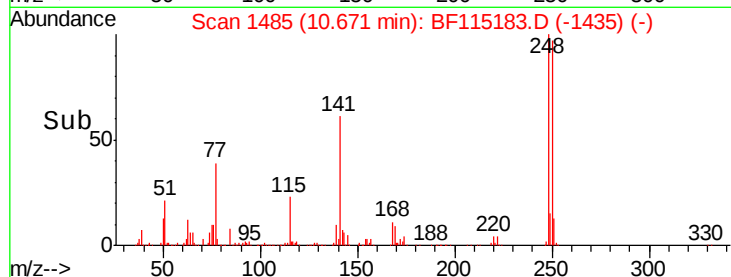
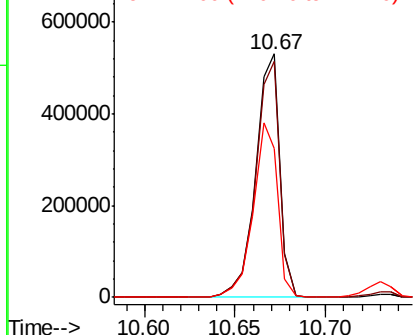
#67
4-Bromophenyl-phenylether
Concen: 42.236 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:248 Resp: 491121
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 61.1 59.6 89.4

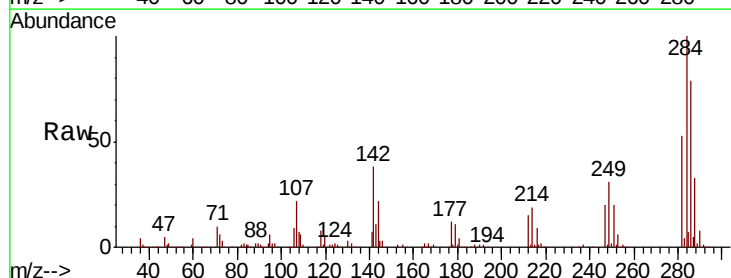


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

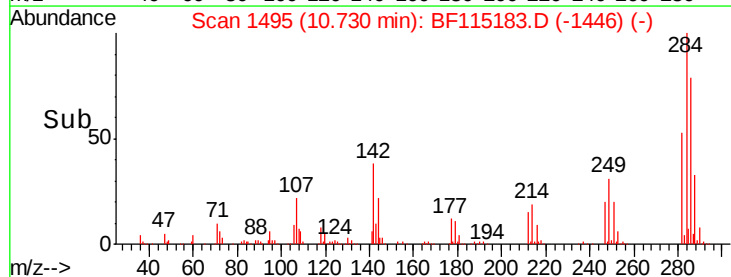
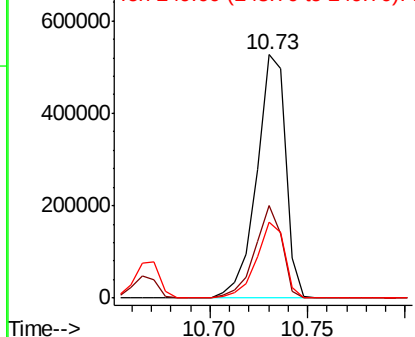


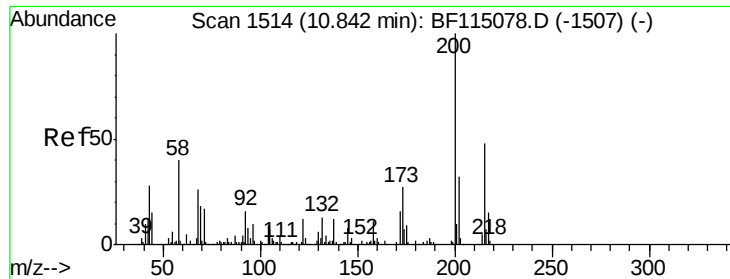
#68
Hexachlorobenzene
Concen: 42.893 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:284 Resp: 541382
Ion Ratio Lower Upper
284 100
142 38.1 25.8 38.8
249 31.1 24.2 36.4



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

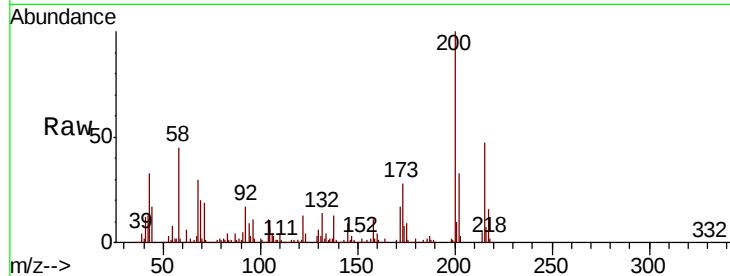




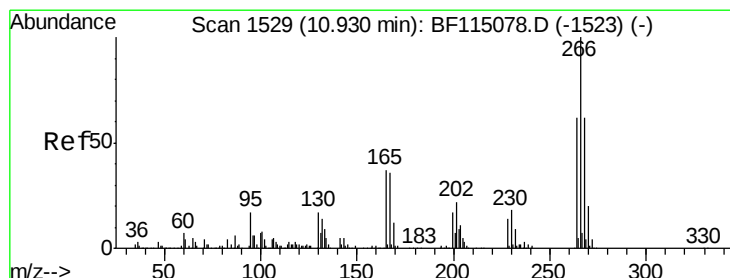
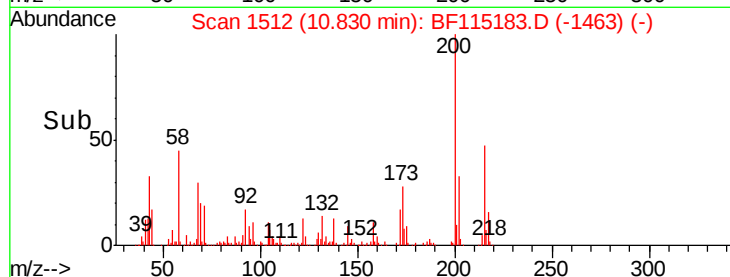
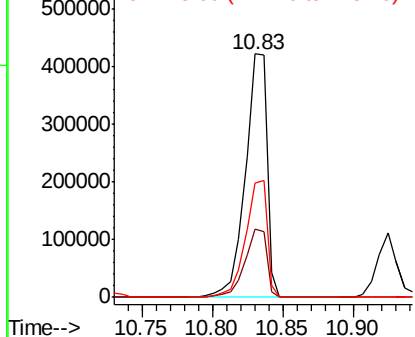
#69
Atrazine
Concen: 42.389 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	47.1	27.8	67.8

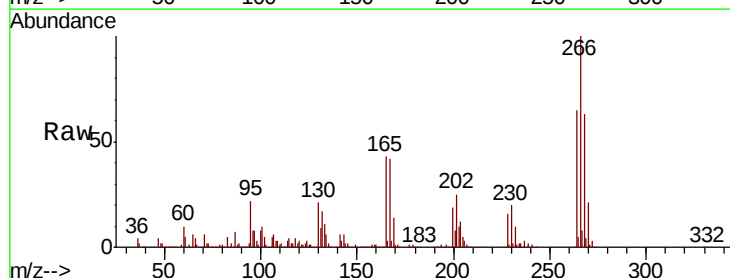


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

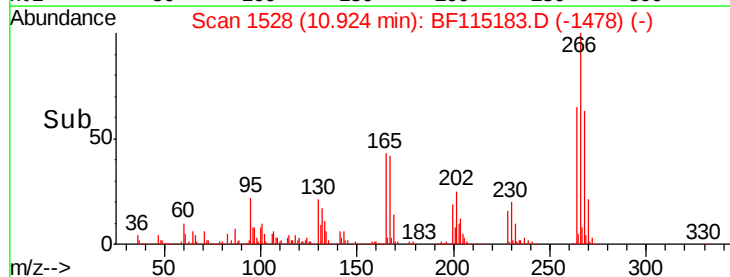
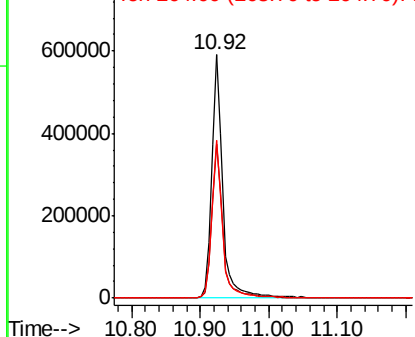


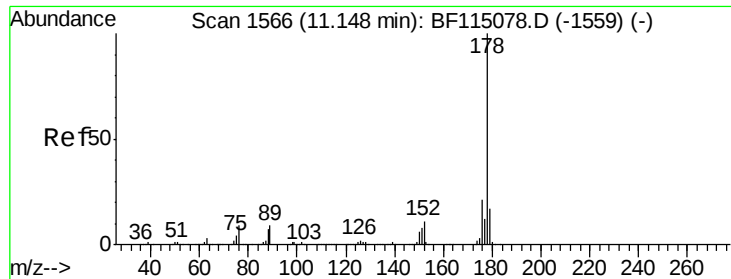
#70
Pentachlorophenol
Concen: 82.655 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.5	74.3
264	64.7	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

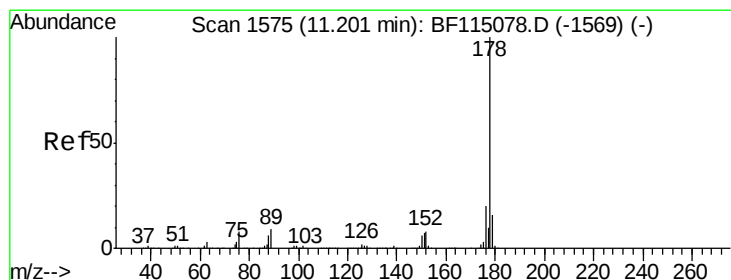
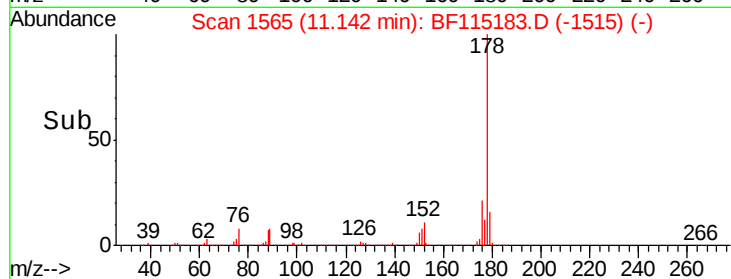
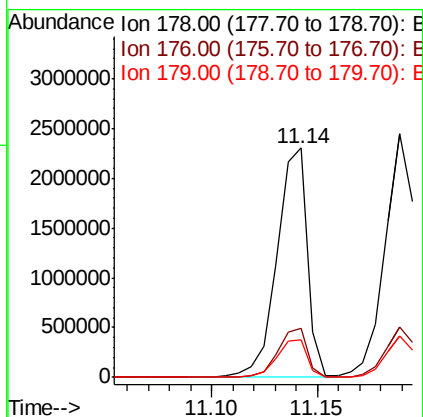
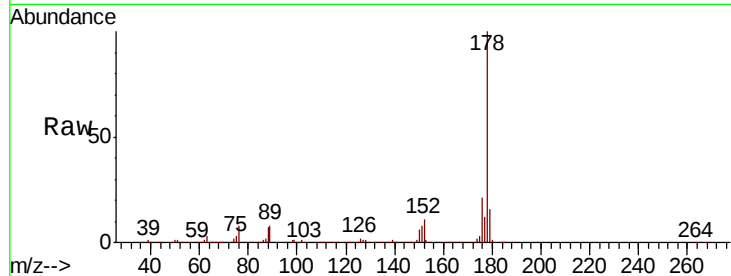




#71
Phenanthrene
Concen: 40.067 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

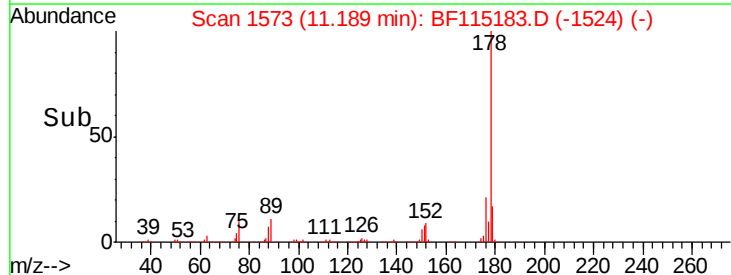
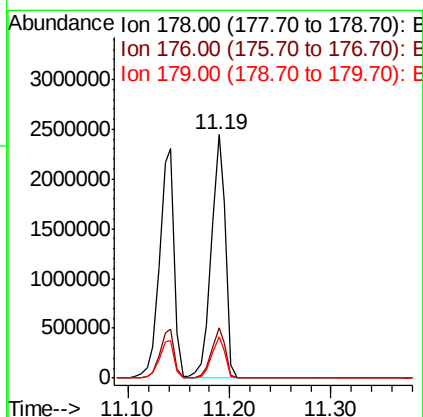
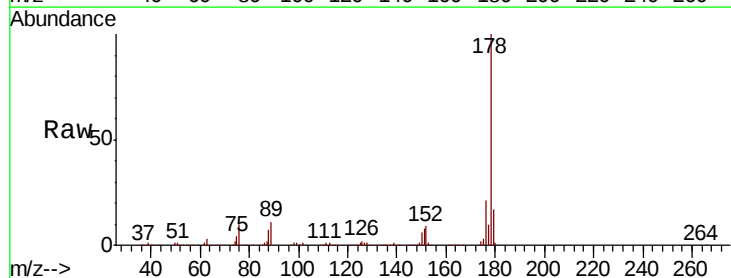
Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:178 Resp: 2313662
Ion Ratio Lower Upper
178 100
176 21.4 16.9 25.3
179 16.2 13.2 19.8



#72
Anthracene
Concen: 40.539 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:178 Resp: 2363010
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 16.8 12.9 19.3

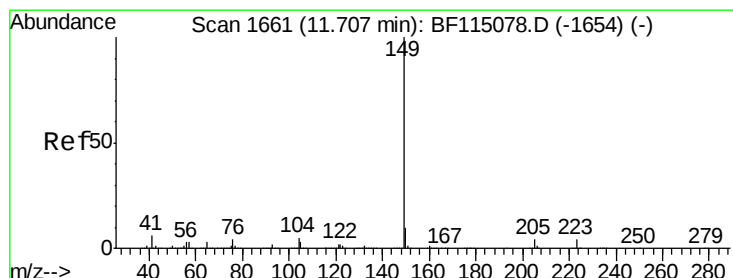
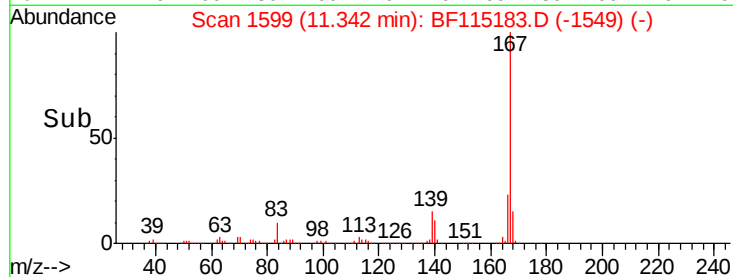
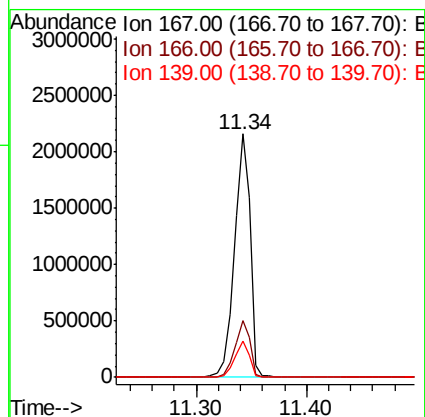
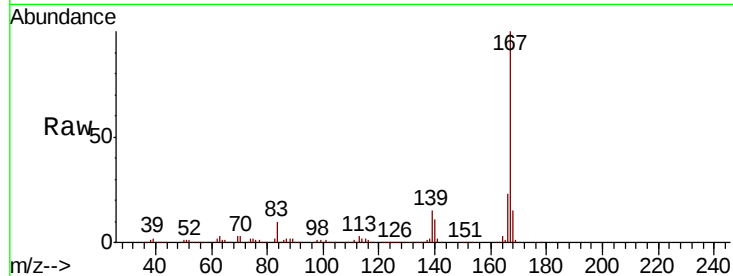




#73
 Carbazole
 Concen: 41.572 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

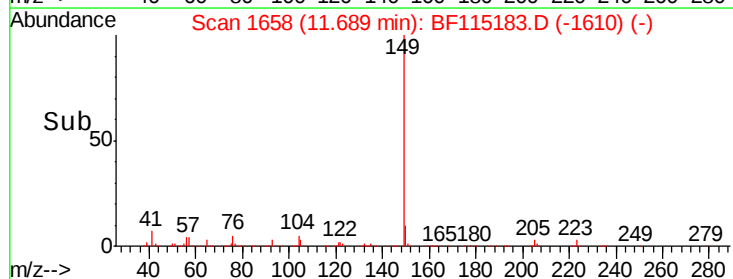
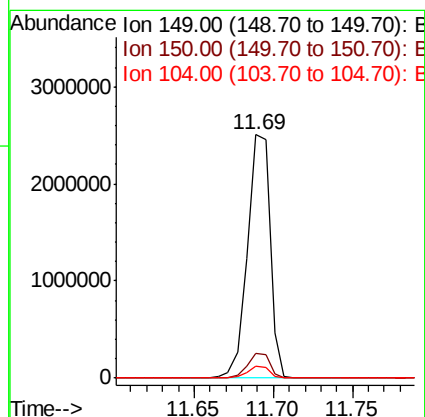
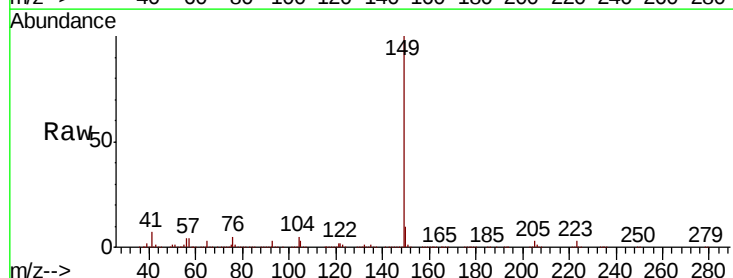
Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

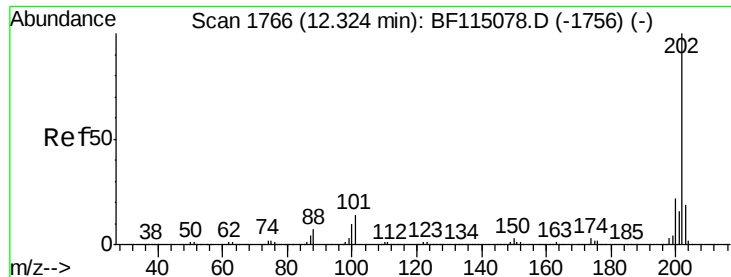
Tgt Ion:	167	Resp:	2163824
Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	14.7	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 41.240 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:	149	Resp:	2480467
Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.2	3.7	5.5



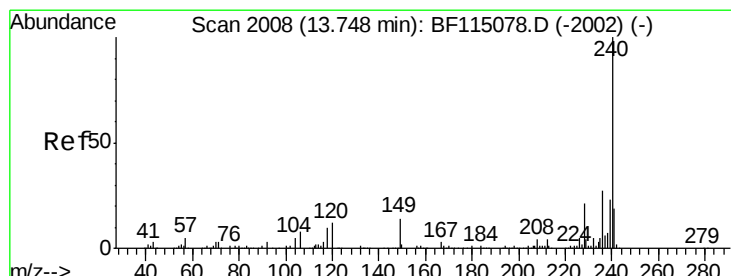
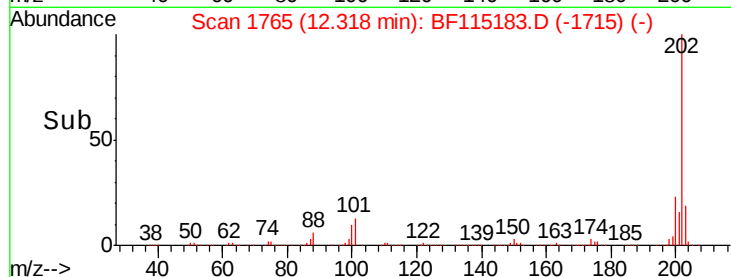
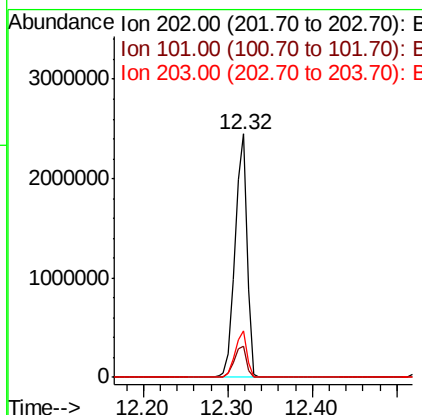
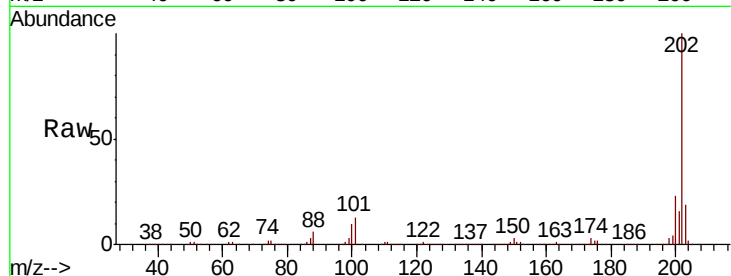


#75
 Fluoranthene
 Concen: 40.908 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tgt Ion: 202 Resp: 2356927

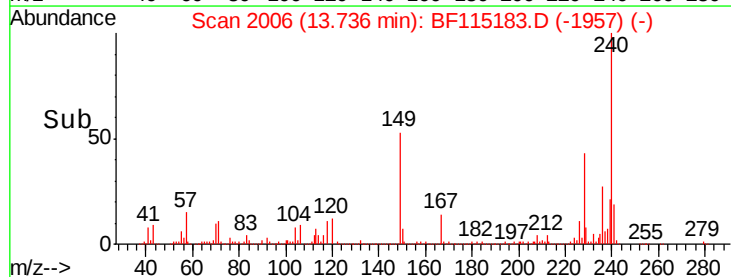
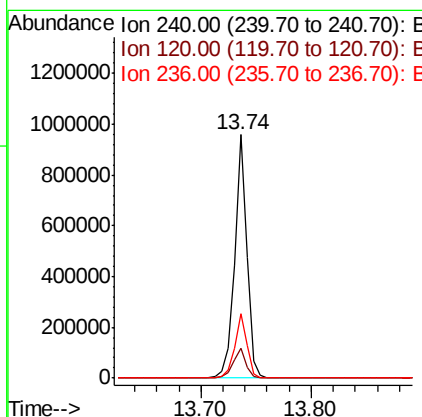
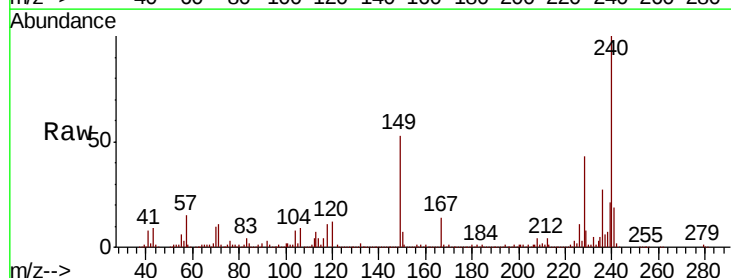
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.0
203	19.0	0.0	38.8

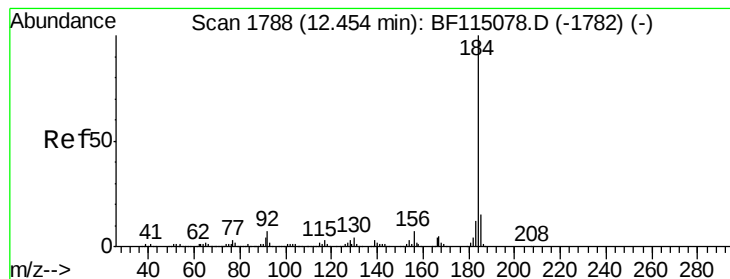


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion: 240 Resp: 747183

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.4	14.2
236	26.7	21.7	32.5





#77

Benzidine

Concen: 24.496 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

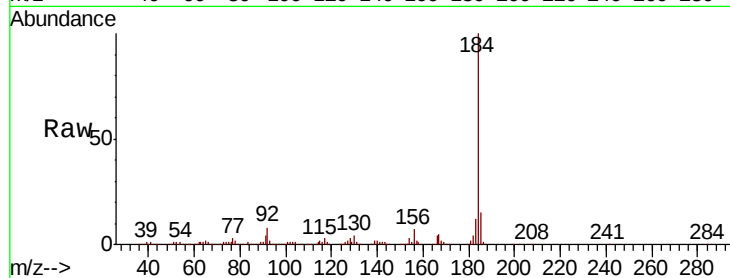
Tgt Ion:184 Resp: 812730

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

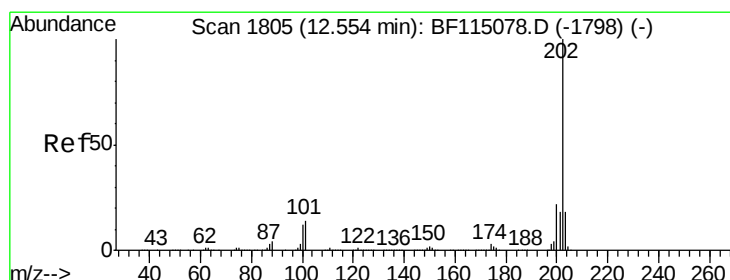
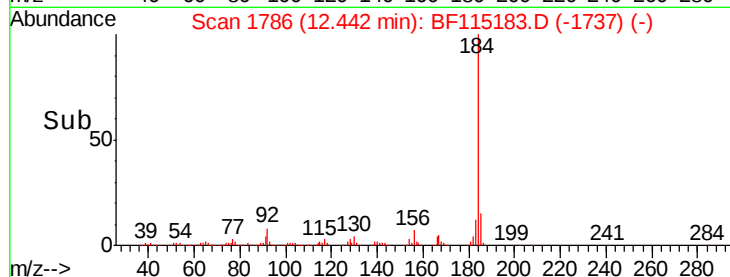
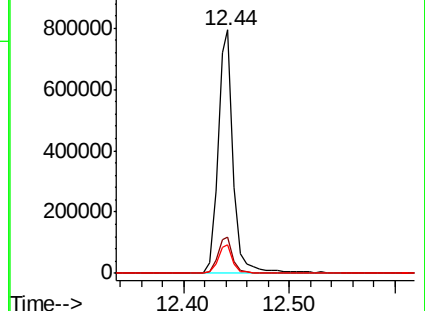
183 11.6 9.6 14.4



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: 42.205 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

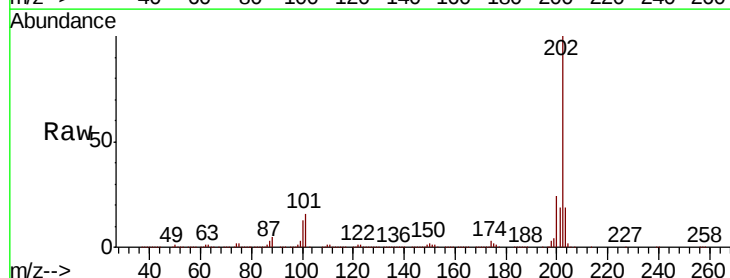
Tgt Ion:202 Resp: 2423488

Ion Ratio Lower Upper

202 100

200 23.5 17.9 26.9

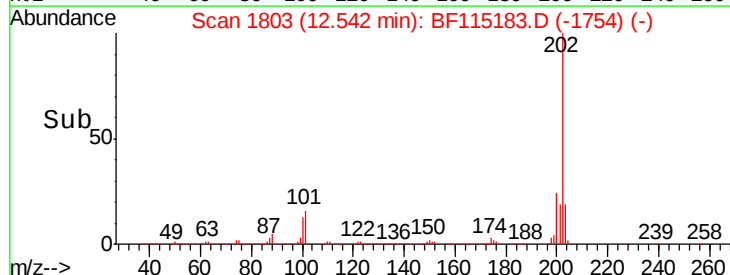
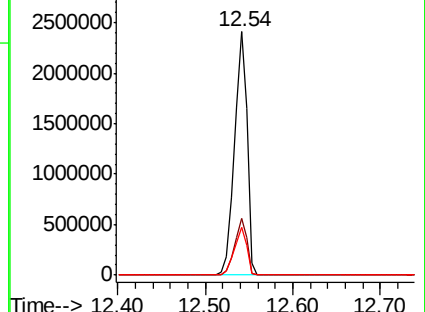
203 19.4 14.6 21.8



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: 82.566 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

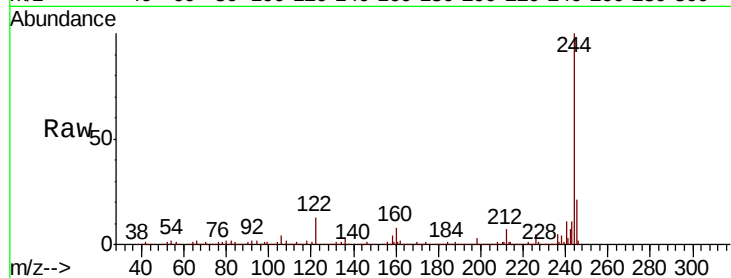
Tgt Ion:244 Resp: 2901564

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

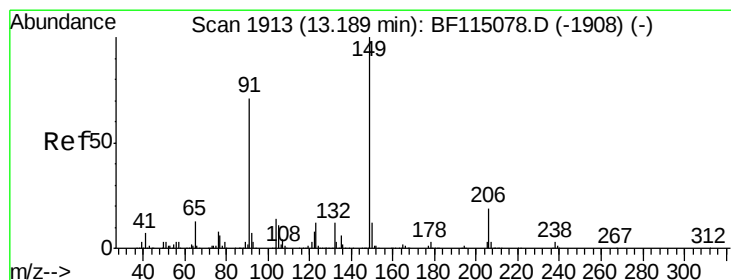
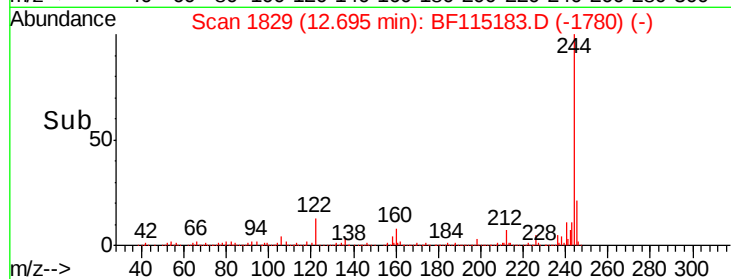
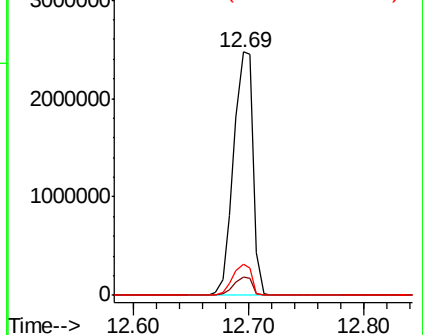
122 12.9 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.368 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

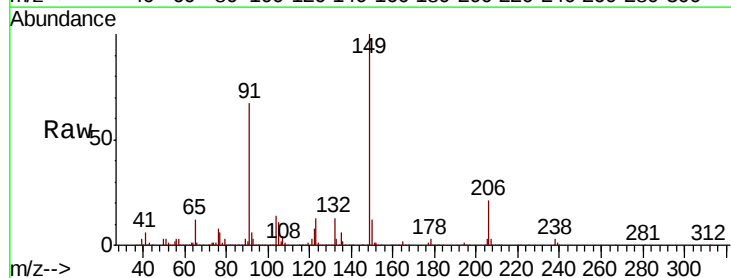
Tgt Ion:149 Resp: 1124311

Ion Ratio Lower Upper

149 100

91 67.4 56.5 84.7

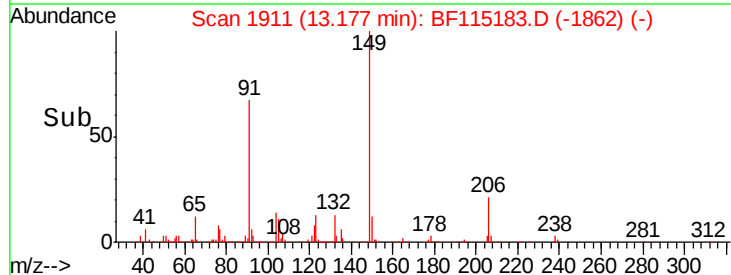
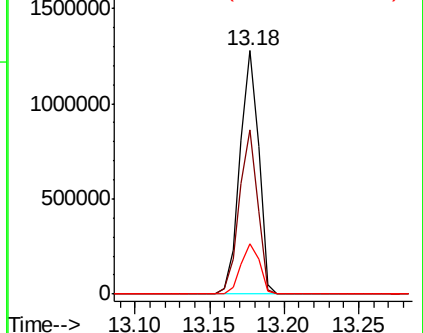
206 20.9 15.3 22.9

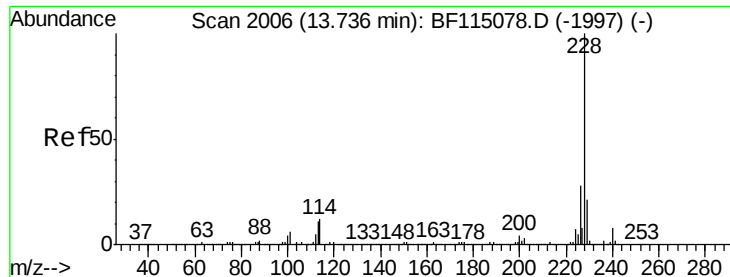


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.609 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

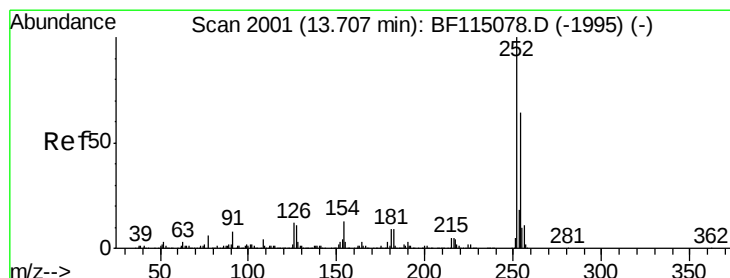
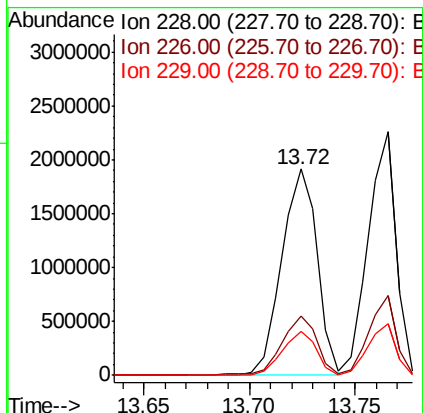
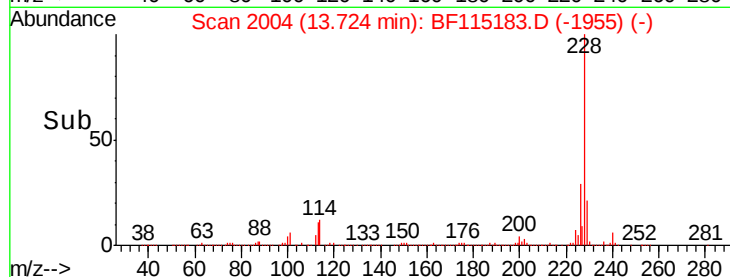
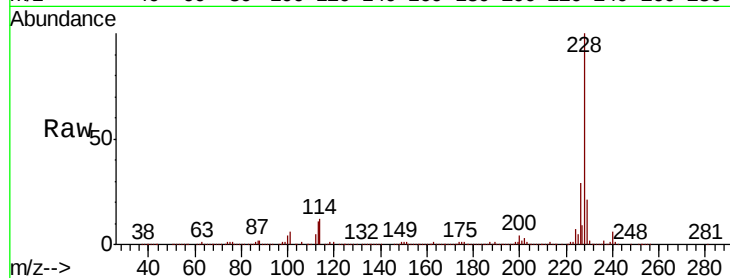
Tgt Ion:228 Resp: 2230761

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

229 21.1 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 36.710 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

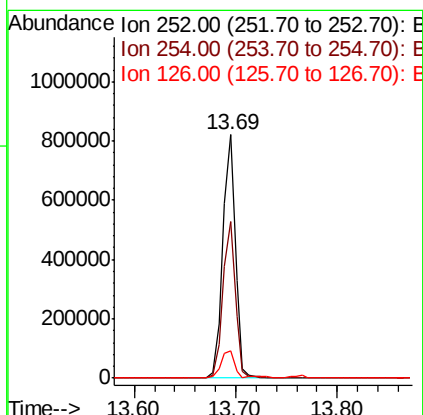
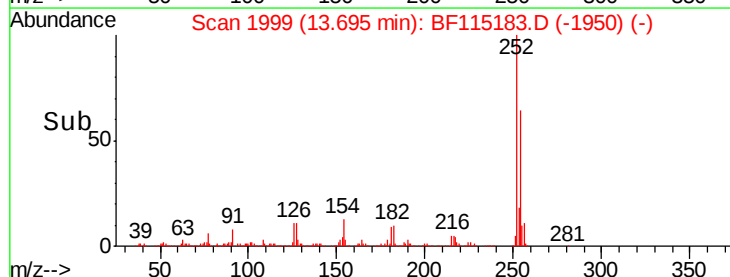
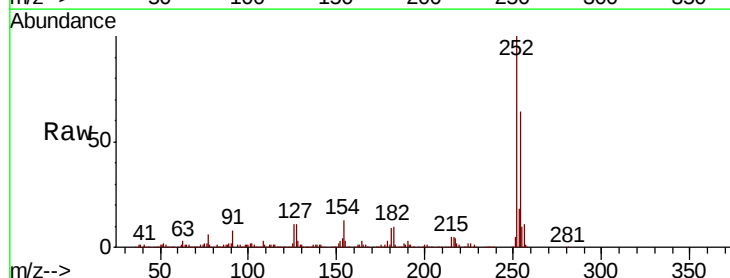
Tgt Ion:252 Resp: 710733

Ion Ratio Lower Upper

252 100

254 64.1 51.1 76.7

126 11.3 9.4 14.0





#83

Chrysene

Concen: 42.675 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

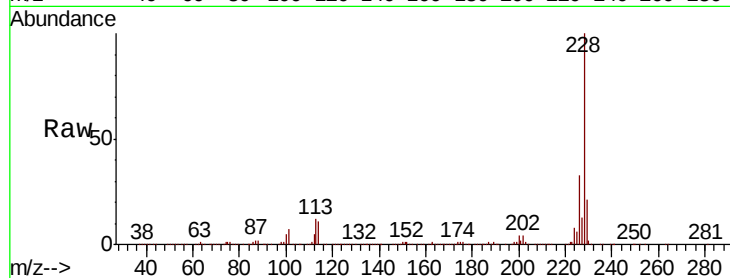
Tgt Ion:228 Resp: 2095774

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

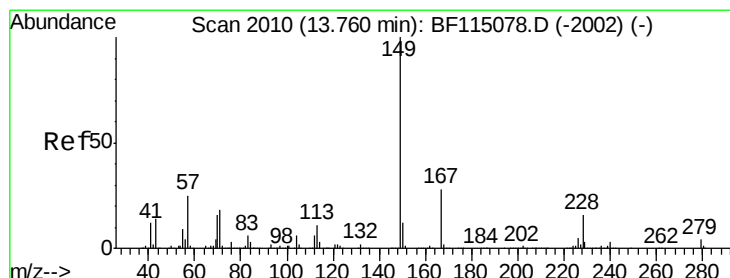
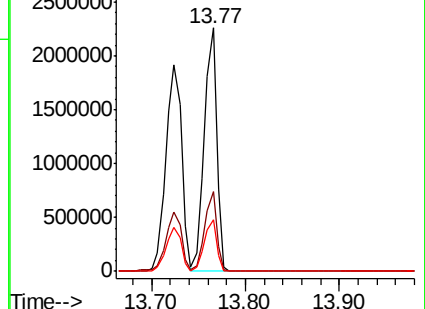
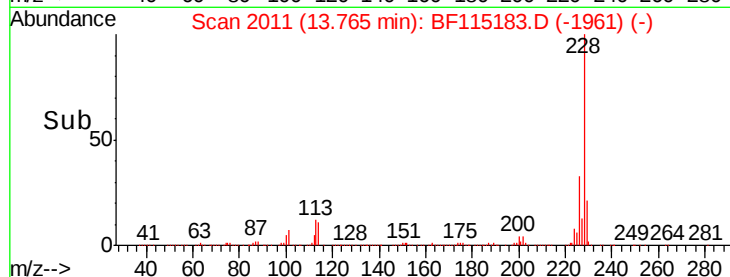
229 21.3 16.5 24.7



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: 43.474 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

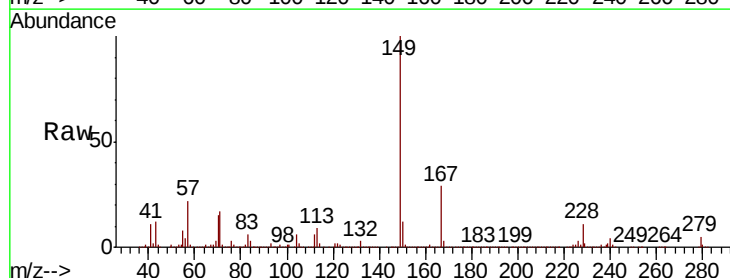
Tgt Ion:149 Resp: 1443527

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

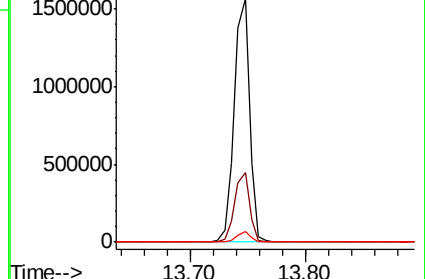
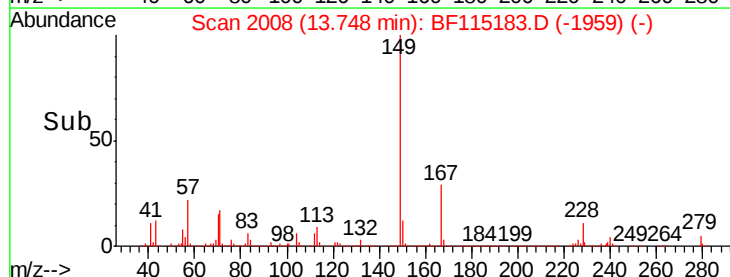
279 4.5 2.9 4.3#

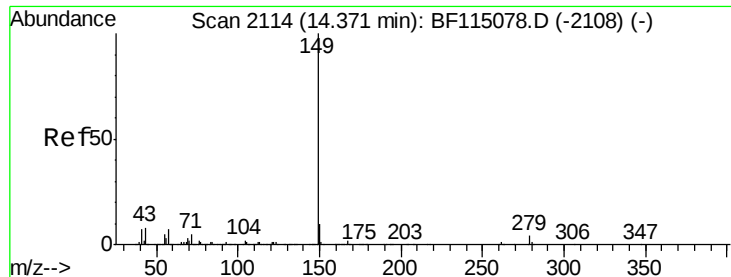


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.310 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

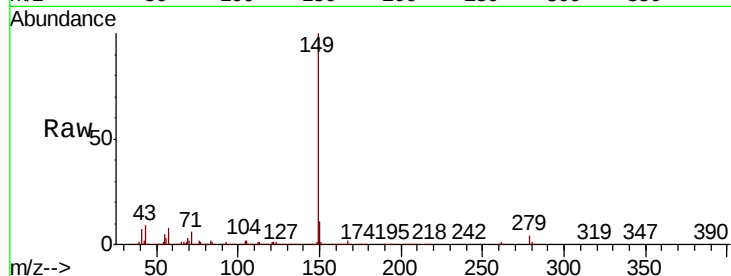
Tgt Ion:149 Resp: 2527771

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

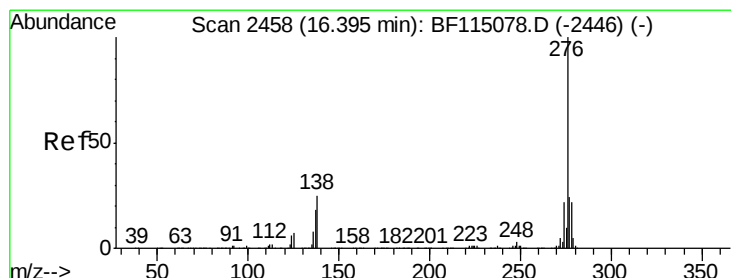
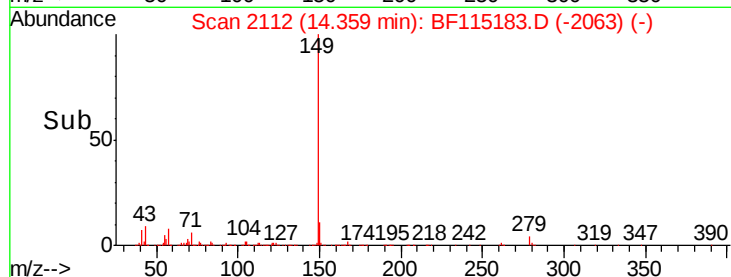
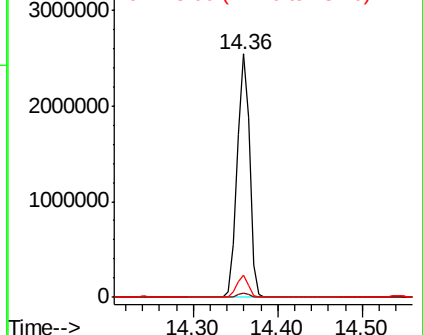
43 8.6 7.0 10.6



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: 44.354 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

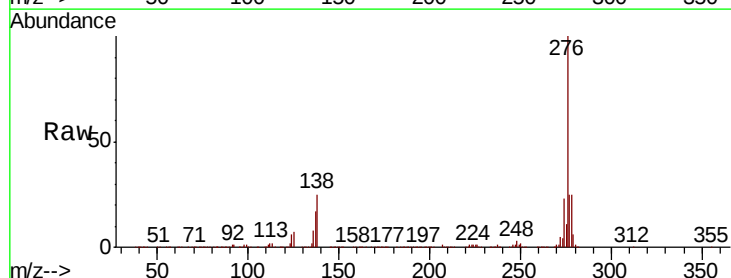
Tgt Ion:276 Resp: 2577531

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

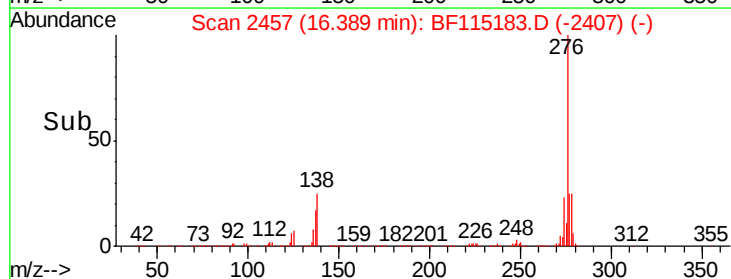
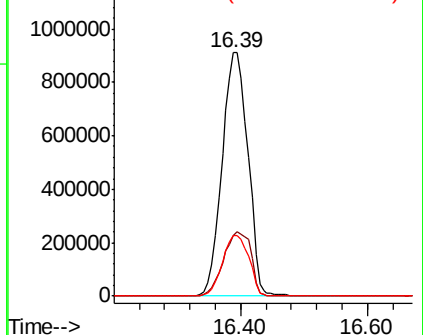
277 25.6 20.1 30.1

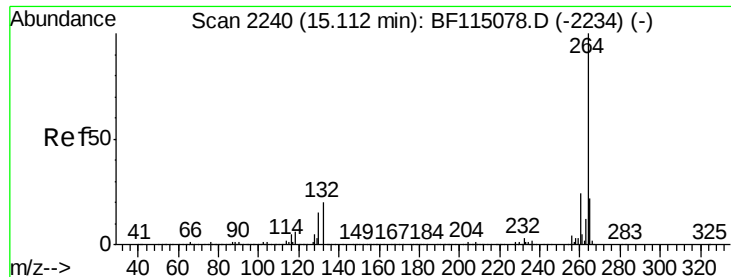


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

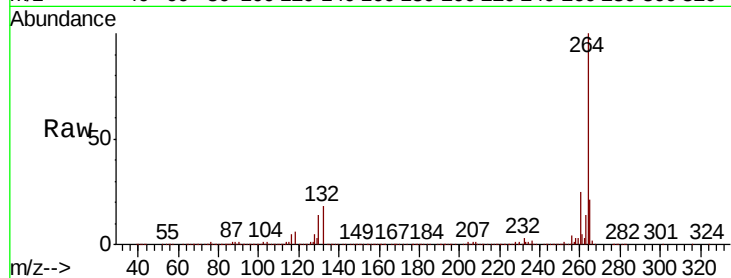
Tgt Ion:264 Resp: 809149

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

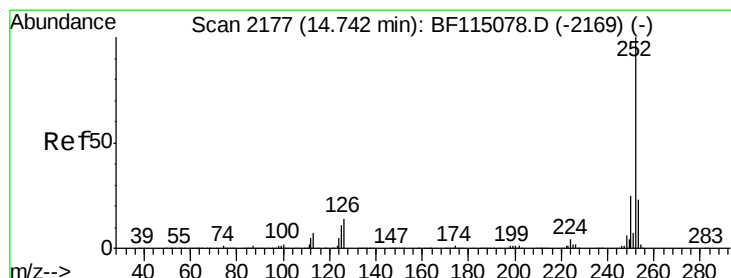
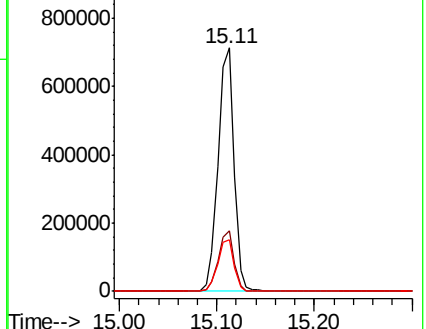
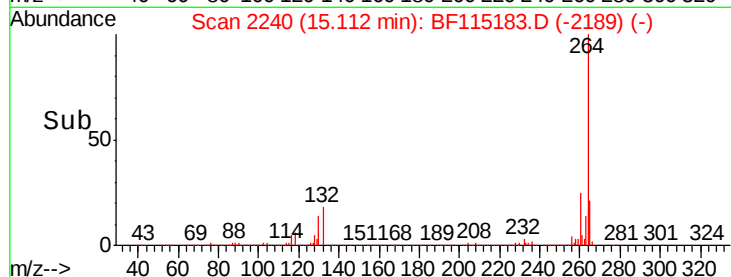
265 21.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.585 ng

RT: 14.74 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

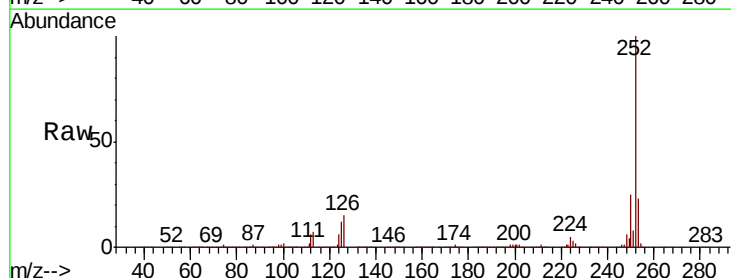
Tgt Ion:252 Resp: 2503482

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

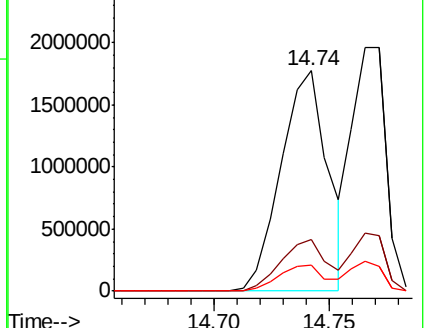
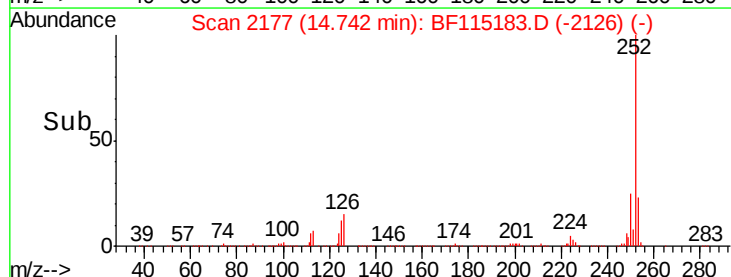
125 11.6 8.7 13.1

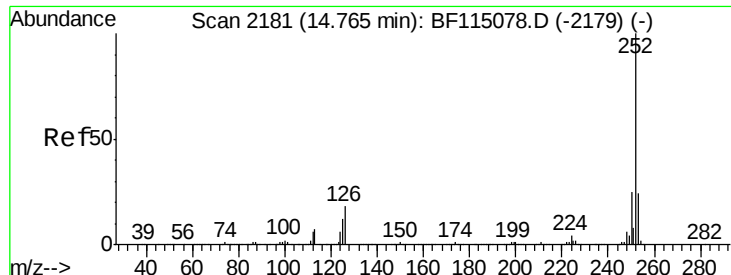


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

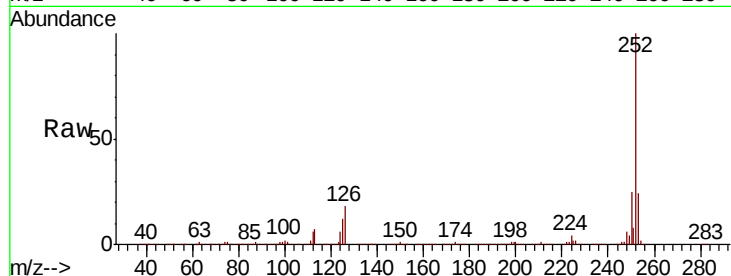




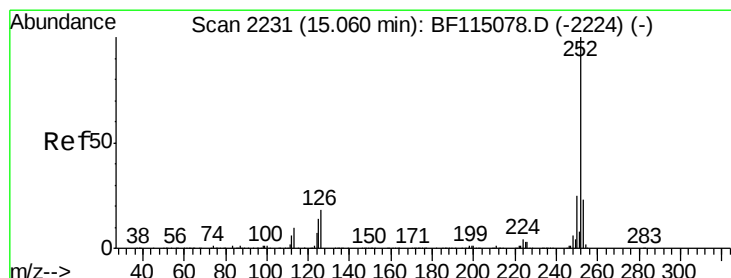
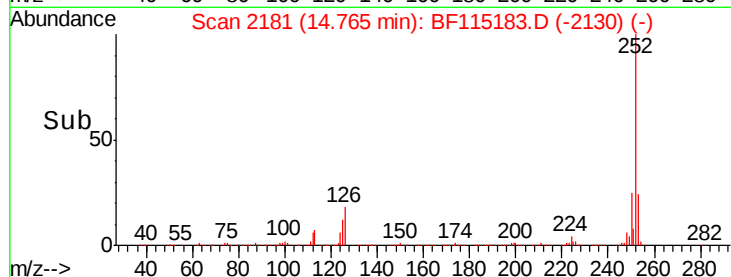
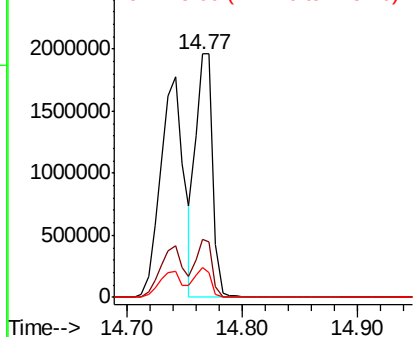
#89
Benzo(k)fluoranthene
Concen: 44.732 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tgt Ion:252 Resp: 2025339
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 12.2 10.2 15.2

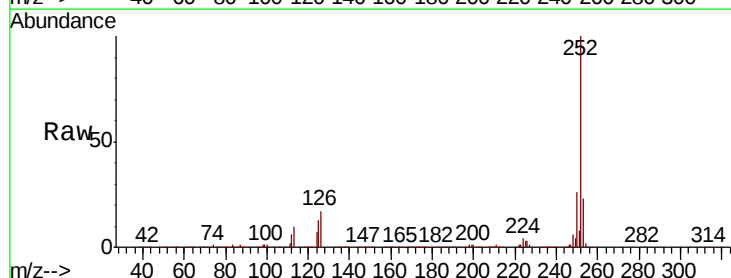


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

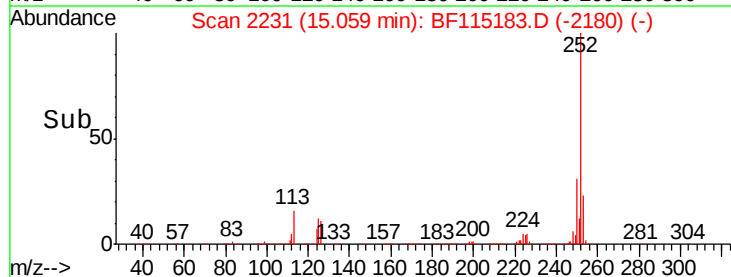
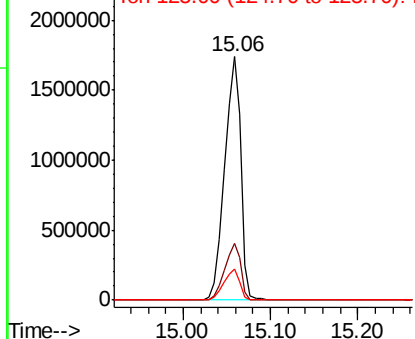


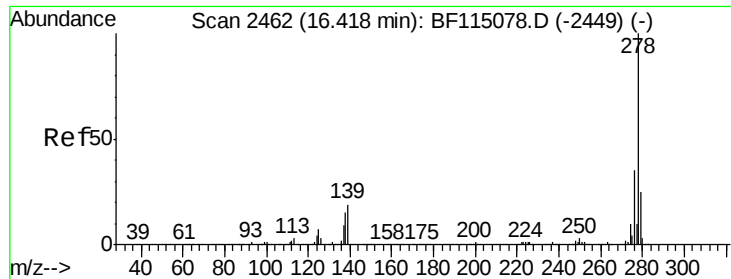
#90
Benzo(a)pyrene
Concen: 49.029 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:252 Resp: 2231115
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 13.0 10.9 16.3



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





#91

Dibenzo(a,h)anthracene

Concen: 48.837 ng

RT: 16.41 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

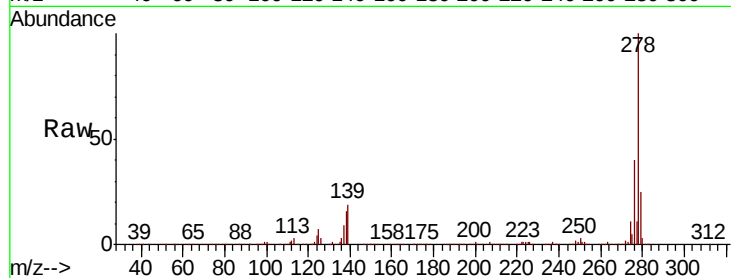
Tgt Ion:278 Resp: 2074734

Ion Ratio Lower Upper

278 100

139 19.1 15.4 23.2

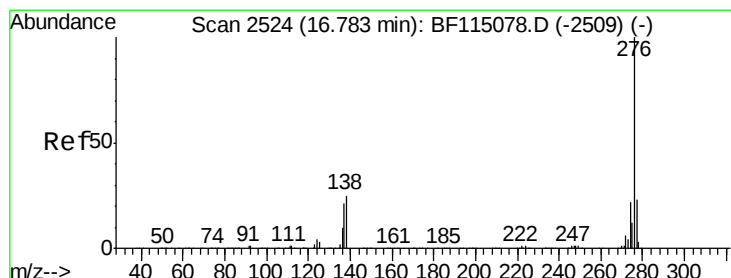
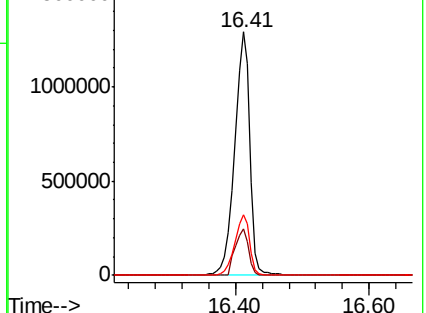
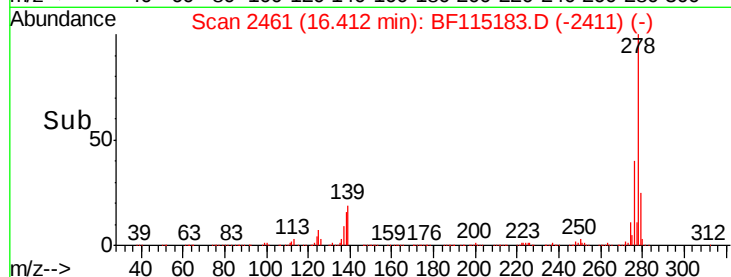
279 24.9 19.9 29.9



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: 50.570 ng

RT: 16.78 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

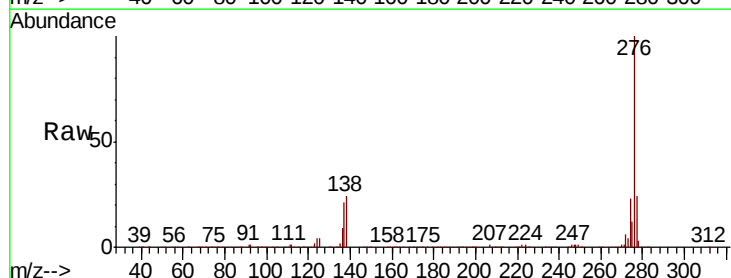
Tgt Ion:276 Resp: 2174396

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 24.3 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

