

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114999.D
 Acq On : 13 Jun 2019 13:24
 Operator : HP/JU
 Sample : K3294-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Quant Time: Jun 13 18:26:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	273654	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1040648	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	463680	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	734894	20.00	ng	0.00
76) Chrysene-d12	13.77	240	428287	20.00	ng	0.00
87) Perylene-d12	15.15	264	523922	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1854223	113.14	ng	0.01
7) Phenol-d6	6.30	99	2373653	120.07	ng	0.00
23) Nitrobenzene-d5	7.22	82	1487571	86.04	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	524547	105.64	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2557896	93.50	ng	0.00
79) Terphenyl-d14	12.73	244	1943559	85.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	250552	32.661	ng	99
3) Pyridine	3.01	79	700679	32.442	ng	99
4) n-Nitrosodimethylamine	2.96	42	292403	38.134	ng	98
6) Aniline	6.32	93	589037	22.249	ng	# 9
8) 2-Chlorophenol	6.44	128	722344	38.871	ng	99
9) Benzaldehyde	6.19	77	160147	8.864	ng	96
10) Phenol	6.32	94	837195	37.851	ng	82
11) bis(2-Chloroethyl)ether	6.39	93	691652	40.289	ng	99
12) 1,3-Dichlorobenzene	6.59	146	813055	37.458	ng	98
13) 1,4-Dichlorobenzene	6.67	146	828240	37.955	ng	99
14) 1,2-Dichlorobenzene	6.82	146	764826	37.228	ng	99
15) Benzyl Alcohol	6.80	79	577412	38.983	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	886244	38.571	ng	96
17) 2-Methylphenol	6.92	107	619448	39.964	ng	99
18) Hexachloroethane	7.16	117	277873	35.260	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	474458	39.501	ng	97
20) 3+4-Methylphenols	7.07	107	729191	39.528	ng	93
22) Acetophenone	7.06	105	1010507	42.896	ng	# 96
24) Nitrobenzene	7.23	77	730972	41.555	ng	95
25) Isophorone	7.47	82	1350924	41.720	ng	100
26) 2-Nitrophenol	7.55	139	363702	37.095	ng	97
27) 2,4-Dimethylphenol	7.60	122	659963	46.660	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	860652	41.428	ng	100
29) 2,4-Dichlorophenol	7.80	162	606692	40.603	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	701905	40.654	ng	98
31) Naphthalene	7.96	128	2072949	42.101	ng	99
32) Benzoic acid	7.60	122	659963	64.488	ng	# 16
33) 4-Chloroaniline	8.00	127	487552	21.451	ng	97
34) Hexachlorobutadiene	8.08	225	377533	39.340	ng	100
35) Caprolactam	8.37	113	190131	38.205	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	631501	41.938	ng	100
37) 2-Methylnaphthalene	8.65	142	1371684	41.769	ng	99
38) 1-Methylnaphthalene	8.74	142	1311834	42.265	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	614598	44.865	ng	100

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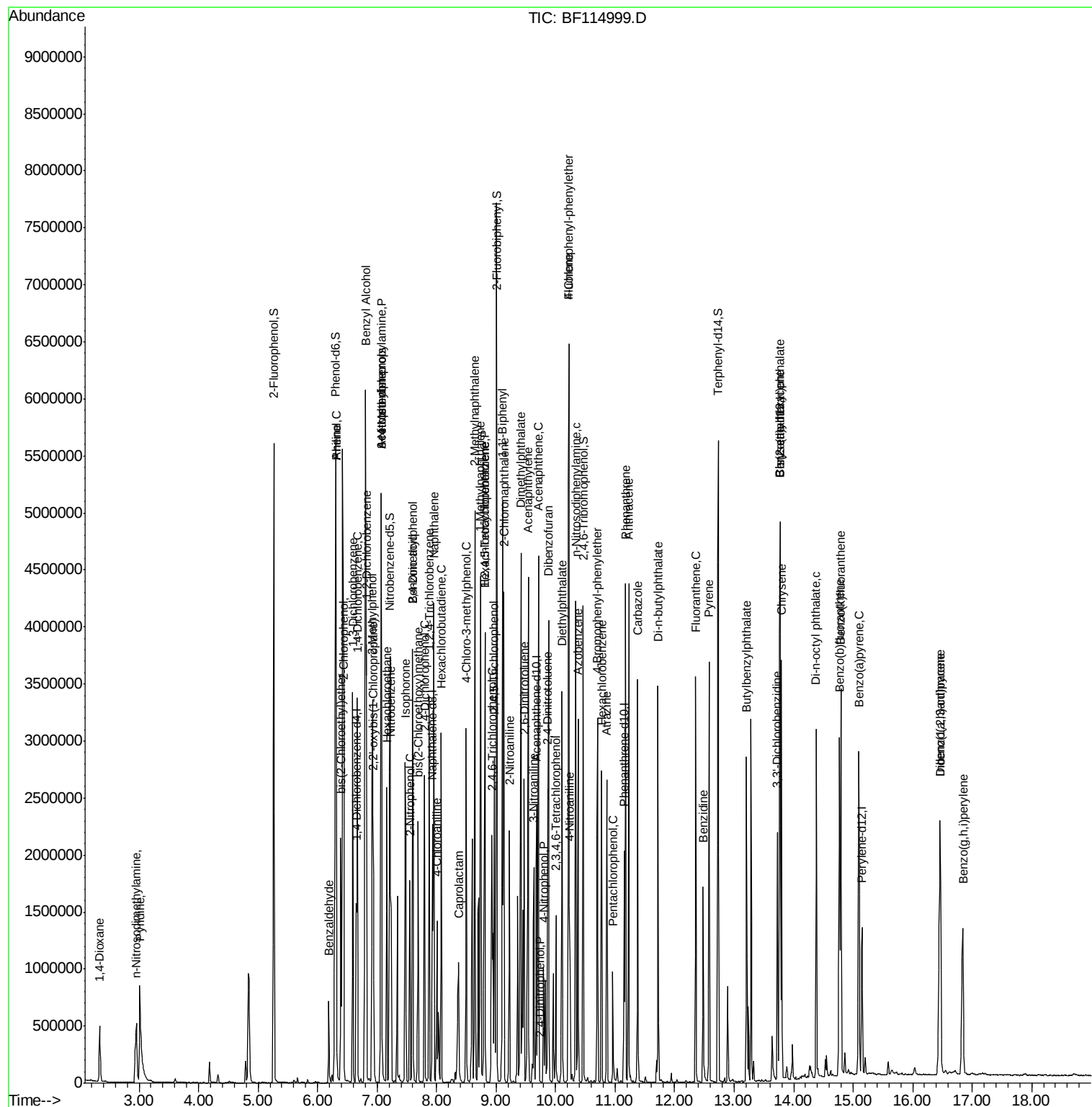
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	297442	44.064	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	315998	30.884	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	408325	39.489	ng	97
46) 1,1'-Biphenyl	9.11	154	1604391	43.179	ng	98
47) 2-Chloronaphthalene	9.13	162	1288433	42.881	ng	100
48) 2-Nitroaniline	9.23	65	365500	41.155	ng	93
49) Acenaphthylene	9.54	152	1939554	41.984	ng	99
50) Dimethylphthalate	9.42	163	2250795	64.547	ng	100
51) 2,6-Dinitrotoluene	9.47	165	343480	43.424	ng	# 87
52) Acenaphthene	9.72	154	1106445	41.862	ng	99
53) 3-Nitroaniline	9.63	138	307462	31.725	ng	99
54) 2,4-Dinitrophenol	9.75	184	590	0.154	ng	# 44
55) Dibenzofuran	9.88	168	1654186	41.526	ng	100
56) 4-Nitrophenol	9.80	139	178803	26.754	ng	97
57) 2,4-Dinitrotoluene	9.87	165	417887	41.507	ng	99
58) Fluorene	10.22	166	1143967	42.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	187104	22.401	ng	99
60) Diethylphthalate	10.10	149	1438278	43.137	ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	581983	44.067	ng	99
62) 4-Nitroaniline	10.24	138	340707	34.965	ng	99
63) Azobenzene	10.37	77	1203410	41.256	ng	99
66) n-Nitrosodiphenylamine	10.34	169	1118119	50.899	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	374012	47.400	ng	96
68) Hexachlorobenzene	10.77	284	377488	43.454	ng	# 92
69) Atrazine	10.86	200	351779	49.668	ng	99
70) Pentachlorophenol	10.96	266	115909	24.569	ng	99
71) Phenanthrene	11.17	178	1594294	42.017	ng	99
72) Anthracene	11.23	178	1647708	43.045	ng	99
73) Carbazole	11.38	167	1409080	42.174	ng	98
74) Di-n-butylphthalate	11.72	149	1841824	43.727	ng	99
75) Fluoranthene	12.36	202	1403128	36.164	ng	99
77) Benzidine	12.48	184	727316	41.985	ng	97
78) Pyrene	12.58	202	1412397	36.200	ng	99
80) Butylbenzylphthalate	13.21	149	651063	35.726	ng	99
81) Benzo(a)anthracene	13.76	228	1283676	40.053	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	447411	36.412	ng	# 98
83) Chrysene	13.80	228	1290382	40.488	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	828482	38.465	ng	99
85) Di-n-octyl phthalate	14.38	149	1517942	40.926	ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1215633	43.423	ng	99
88) Benzo(b)fluoranthene	14.77	252	1367583	39.266	ng	99
89) Benzo(k)fluoranthene	14.80	252	1352444	44.241	ng	98
90) Benzo(a)pyrene	15.10	252	1311000	43.622	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1031587	39.858	ng	99
92) Benzo(g,h,i)perylene	16.84	276	979184	37.097	ng	99

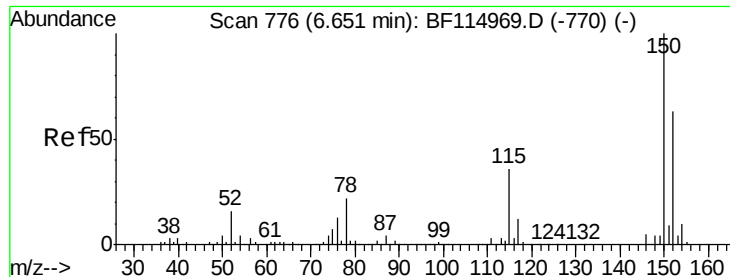
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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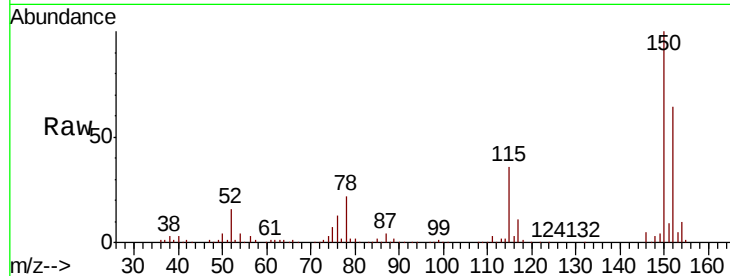


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	56.1	46.0	69.0

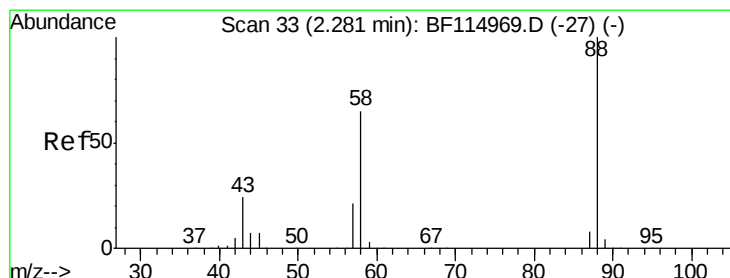
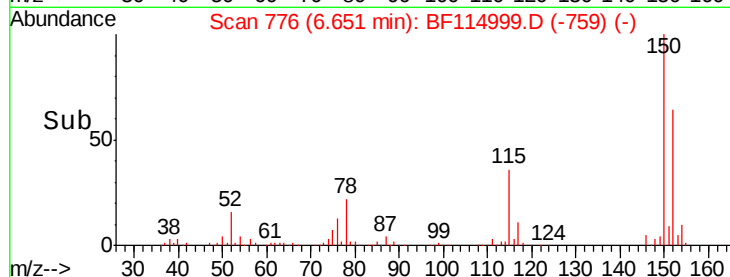
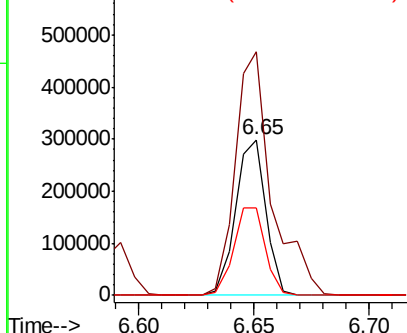


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

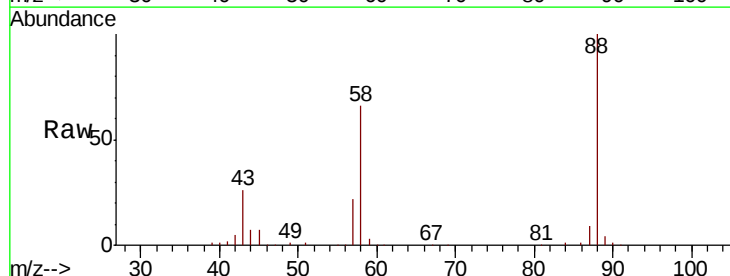
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.661 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.06 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.4	80.2
43	26.0	19.7	29.5

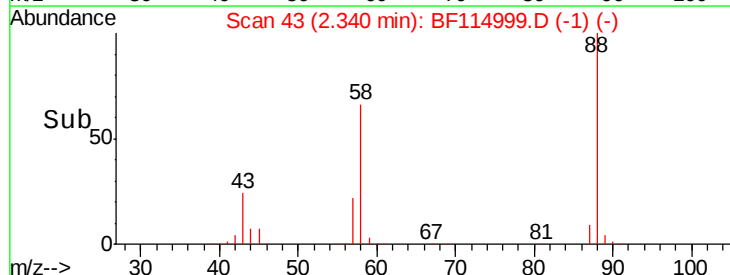
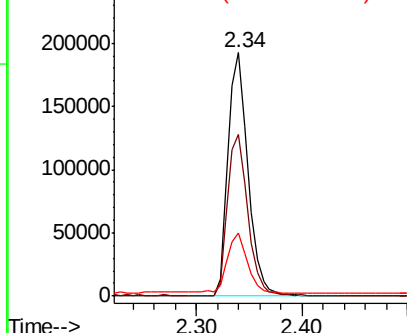


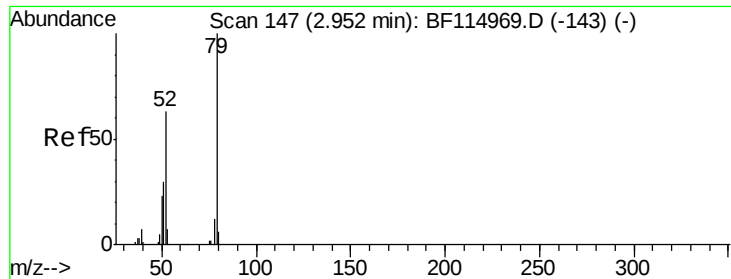
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.442 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.06 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

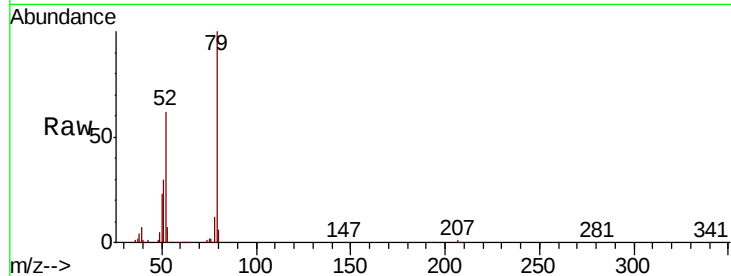
Tot Ion: 79 Resp: 700679

Ion Ratio Lower Upper

79 100

52 62.1 50.3 75.5

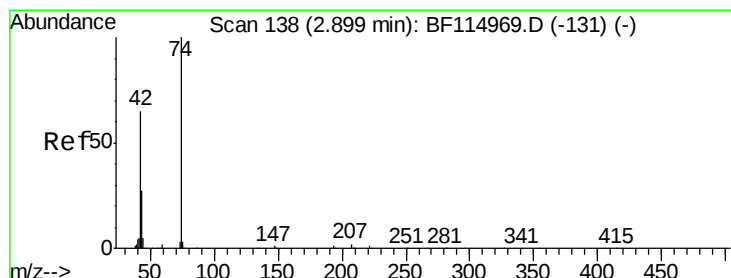
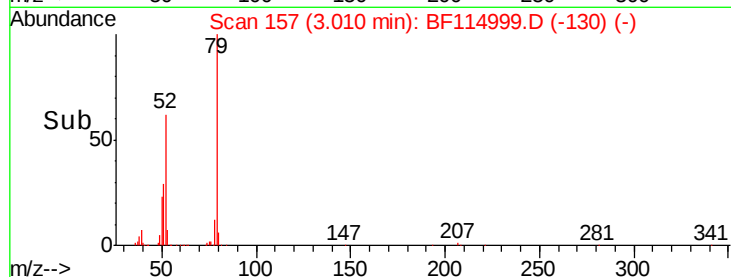
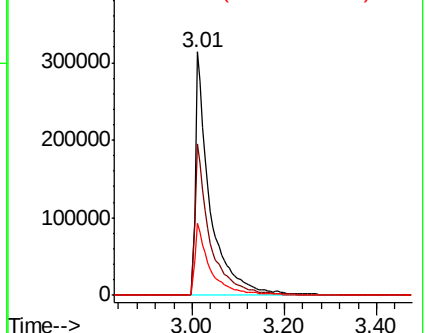
51 29.6 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.134 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.06 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

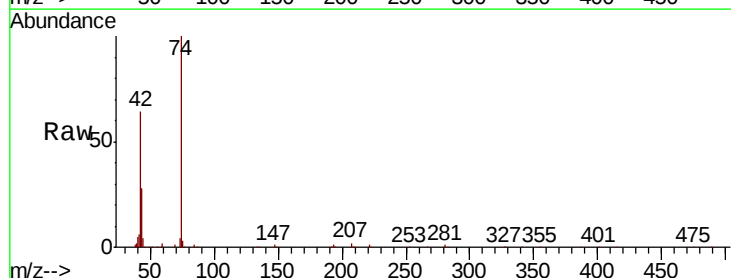
Tgt Ion: 42 Resp: 292403

Ion Ratio Lower Upper

42 100

74 155.9 122.2 183.2

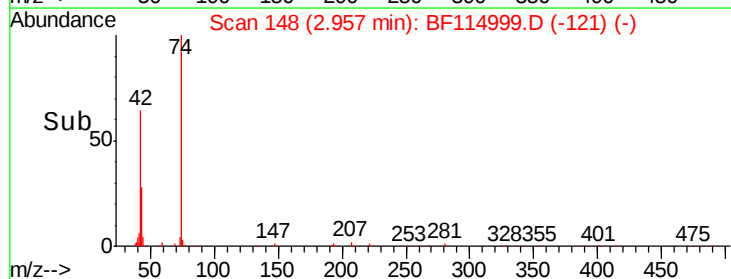
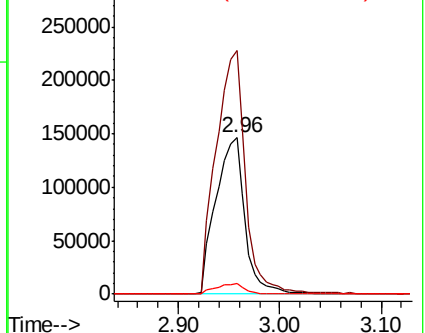
44 6.5 5.8 8.8

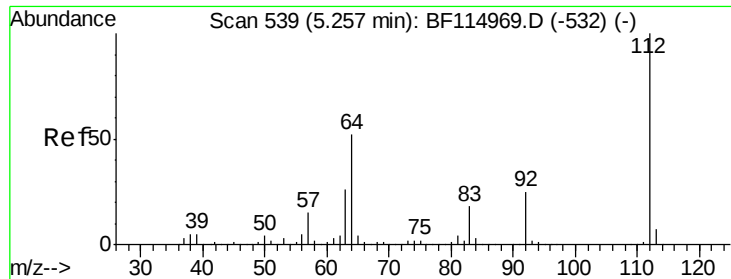


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.141 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114999.D

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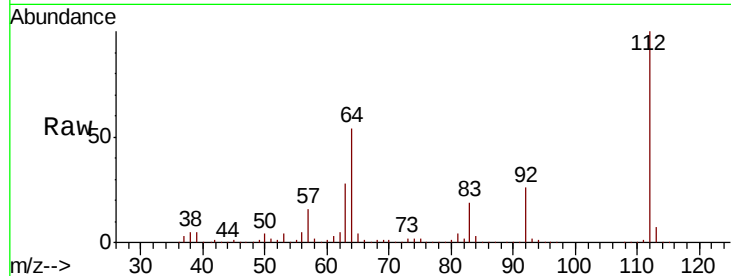
Tot Ion:112 Resp: 1854223

Ion Ratio Lower Upper

112 100

64 54.2 41.6 62.4

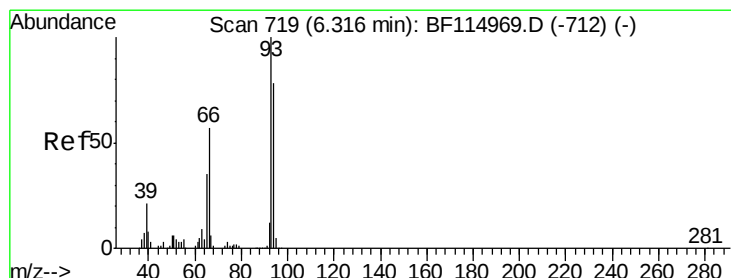
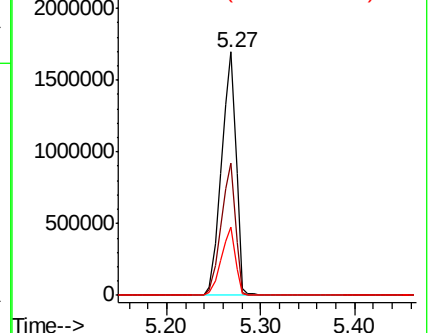
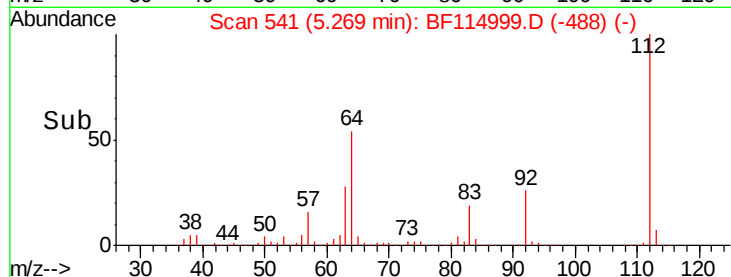
63 28.3 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.249 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

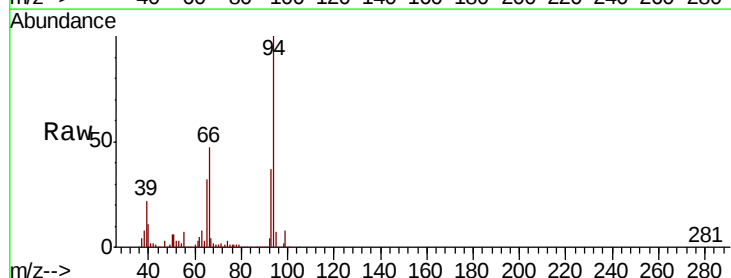
Tgt Ion: 93 Resp: 589037

Ion Ratio Lower Upper

93 100

66 126.1 46.2 69.2#

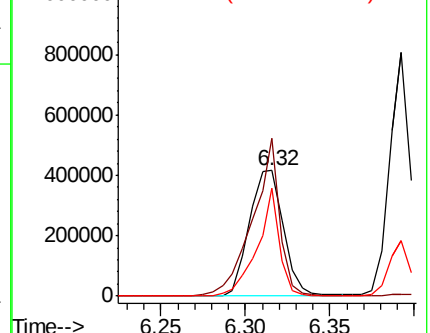
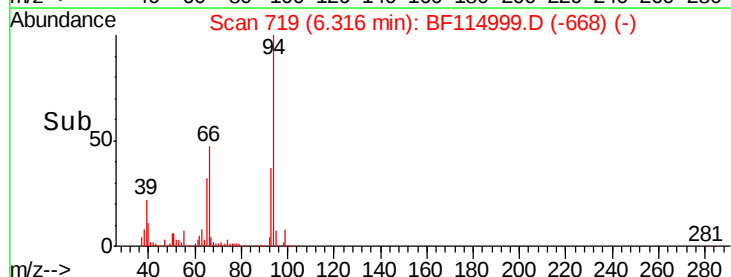
65 86.6 27.7 41.5#

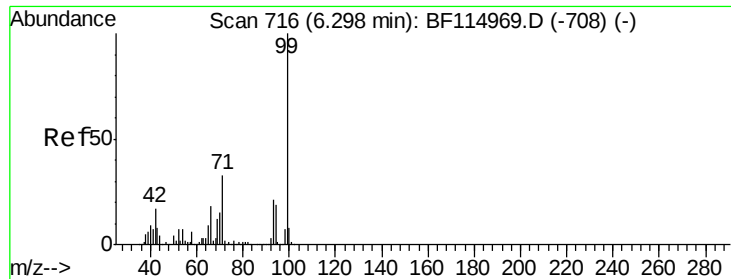


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.068 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

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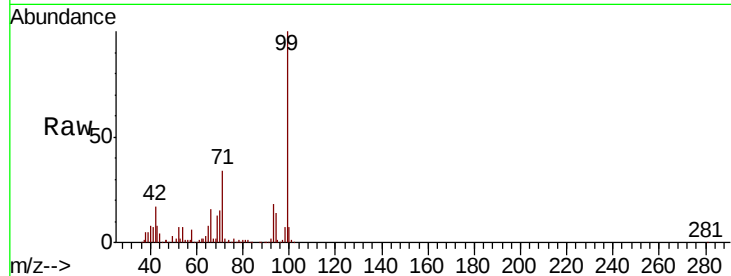
Tot Ion: 99 Resp: 2373653

Ion Ratio Lower Upper

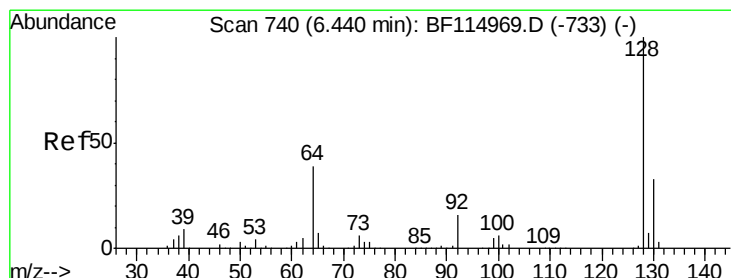
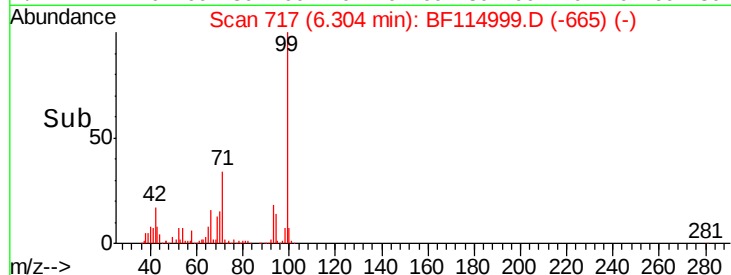
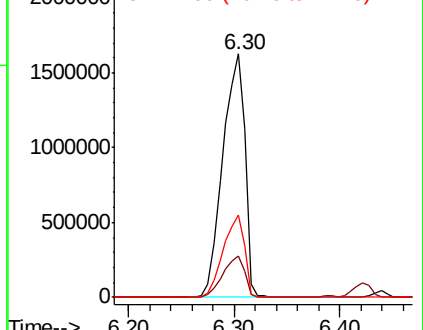
99 100

42 16.9 13.4 20.2

71 34.0 26.4 39.6



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: 38.871 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

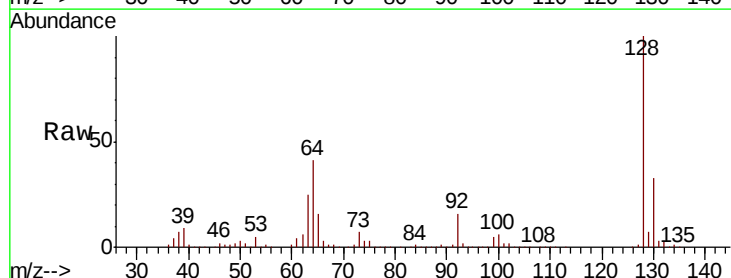
Tgt Ion: 128 Resp: 722344

Ion Ratio Lower Upper

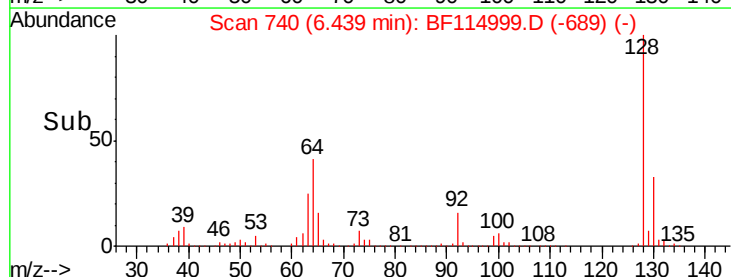
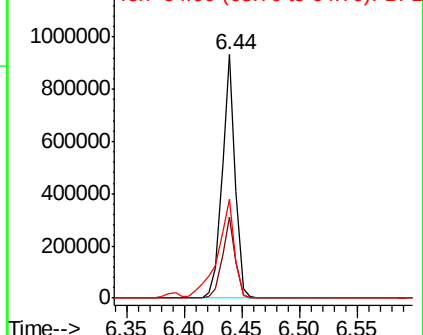
128 100

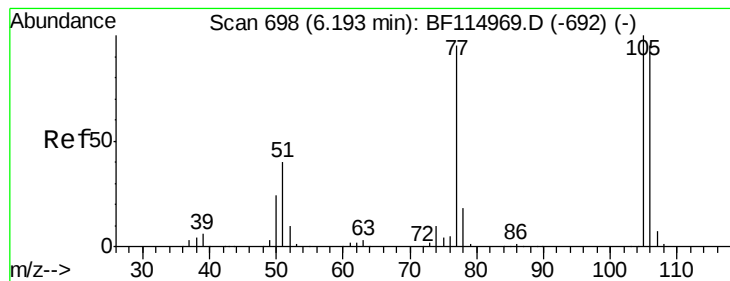
130 33.0 13.4 53.4

64 40.8 20.1 60.1



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





#9

Benzaldehyde

Concen: 8.864 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

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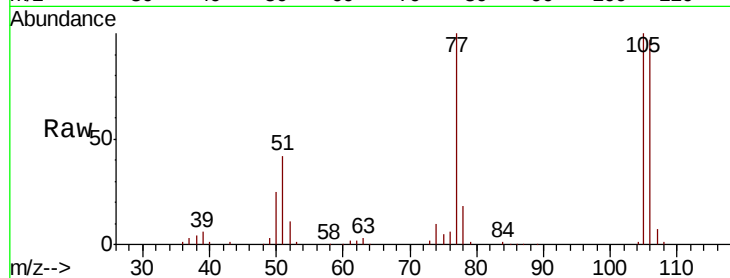
Tot Ion: 77 Resp: 160147

Ion Ratio Lower Upper

77 100

105 99.9 85.1 125.1

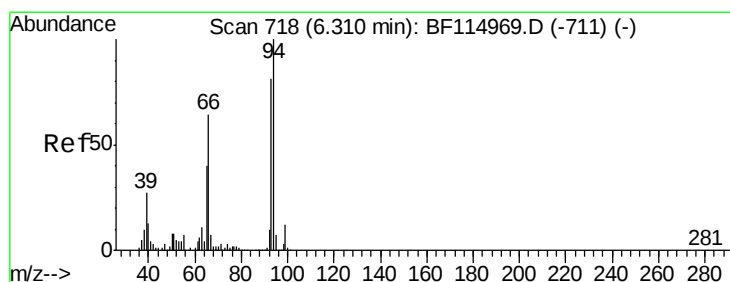
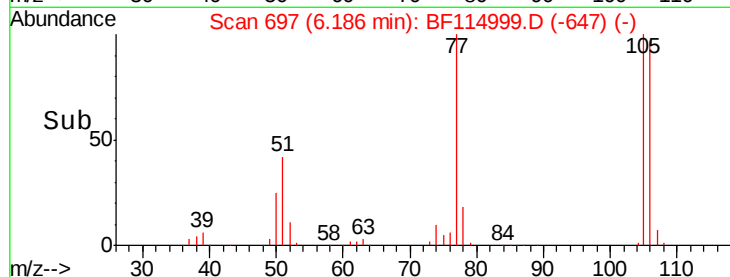
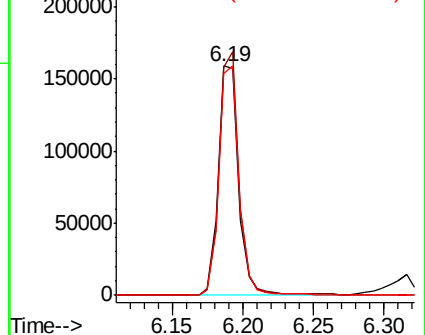
106 97.1 80.0 120.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.851 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

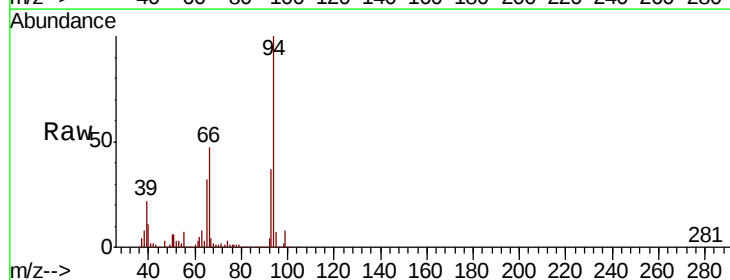
Tgt Ion: 94 Resp: 837195

Ion Ratio Lower Upper

94 100

65 32.3 20.0 60.0

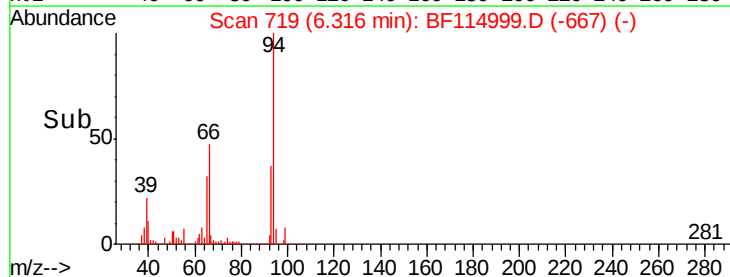
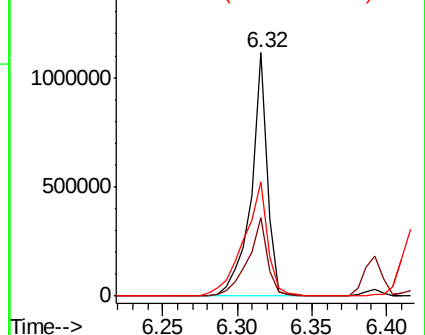
66 47.0 44.1 84.1

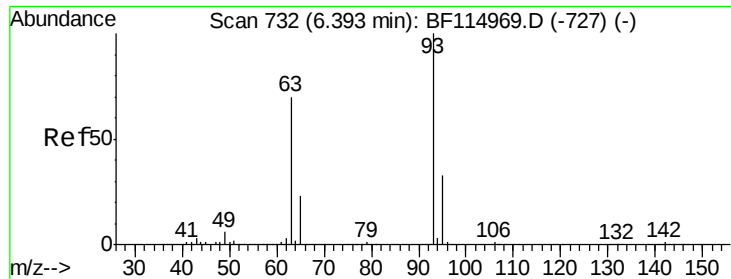


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.289 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

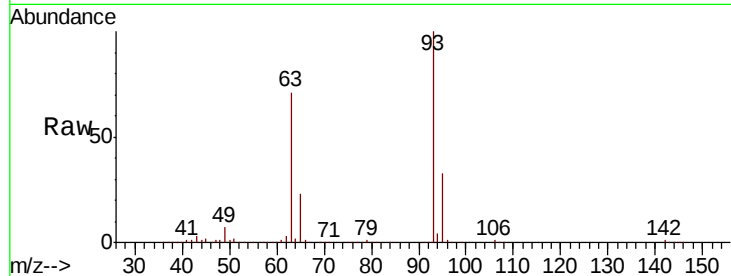
Tot Ion: 93 Resp: 691652

Ion Ratio Lower Upper

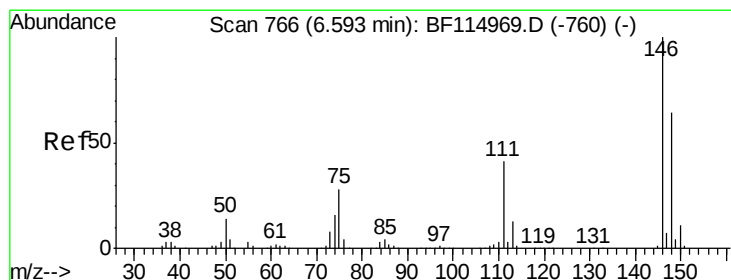
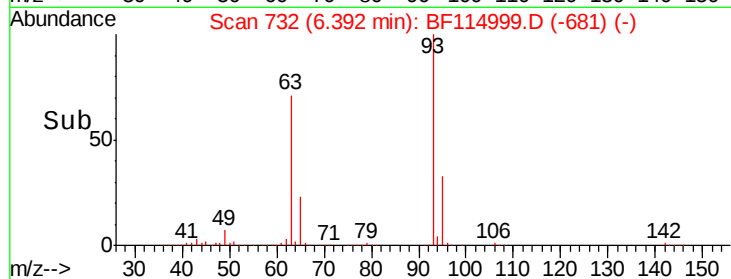
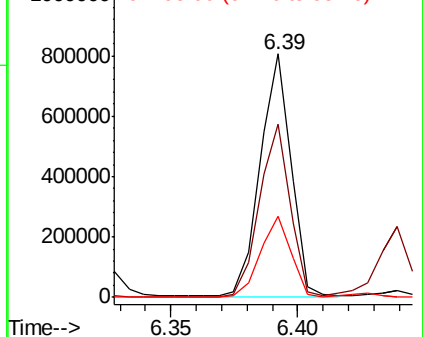
93 100

63 71.1 49.8 89.8

95 33.5 13.3 53.3



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: 37.458 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

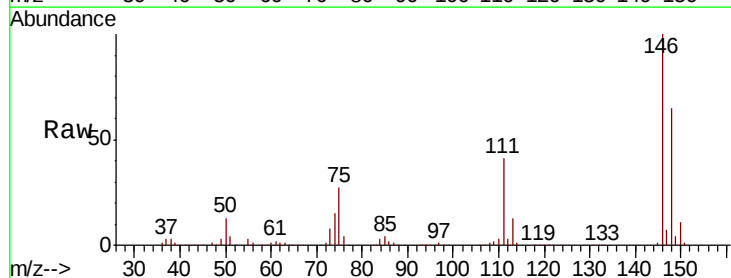
Tgt Ion: 146 Resp: 813055

Ion Ratio Lower Upper

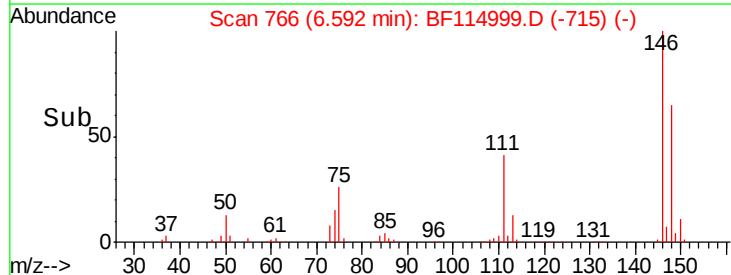
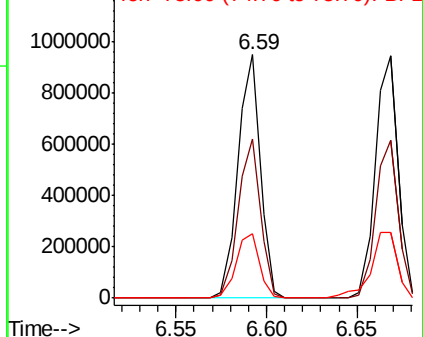
146 100

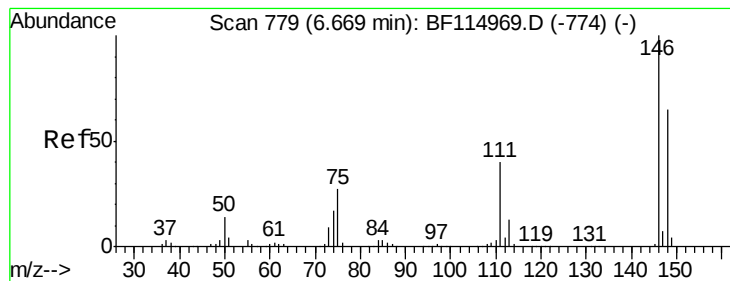
148 65.4 51.6 77.4

75 26.6 22.3 33.5



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: 37.955 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

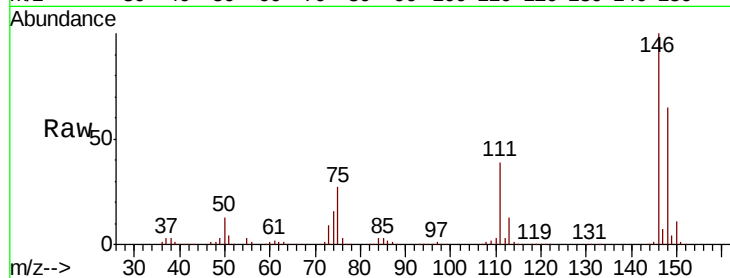
Tot Ion:146 Resp: 828240

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

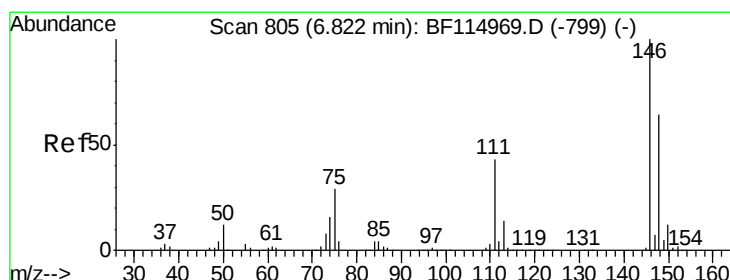
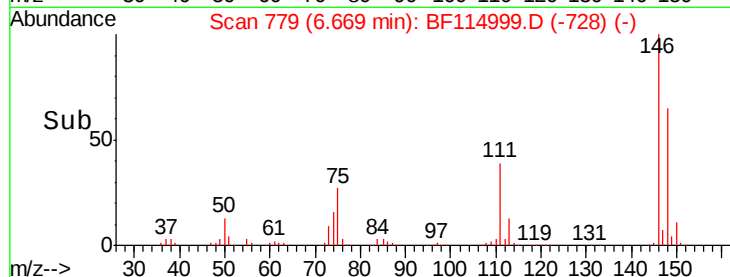
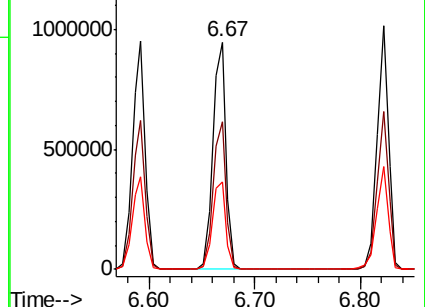
111 38.5 32.4 48.6



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: 37.228 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

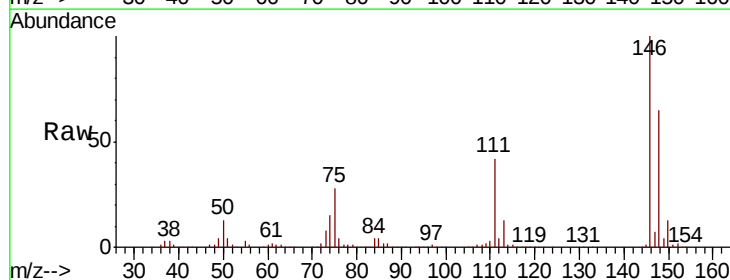
Tgt Ion:146 Resp: 764826

Ion Ratio Lower Upper

146 100

148 64.7 51.5 77.3

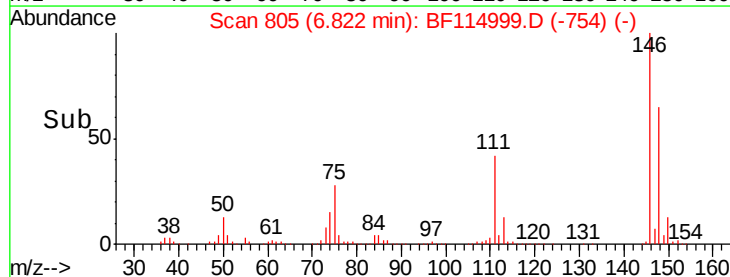
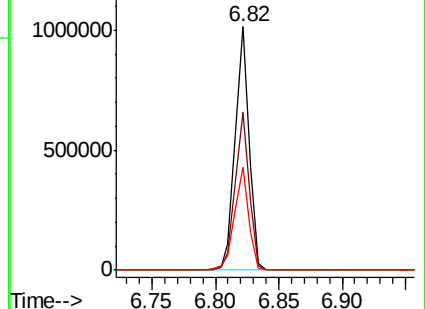
111 42.0 34.6 51.8

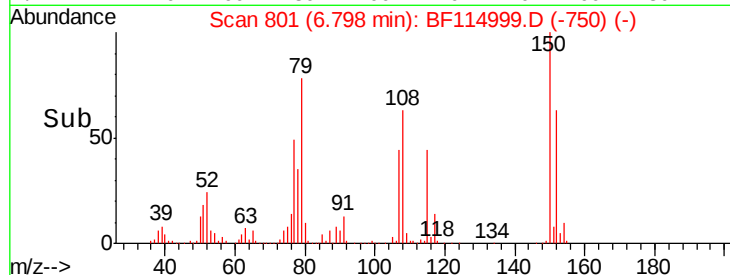
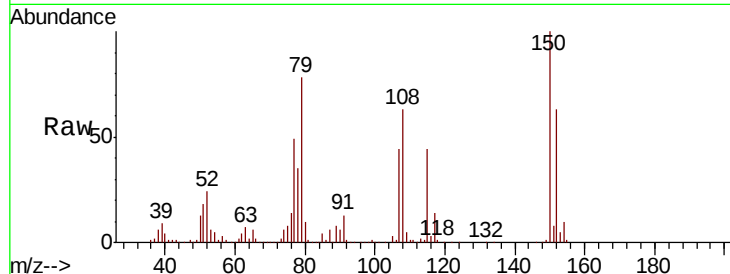
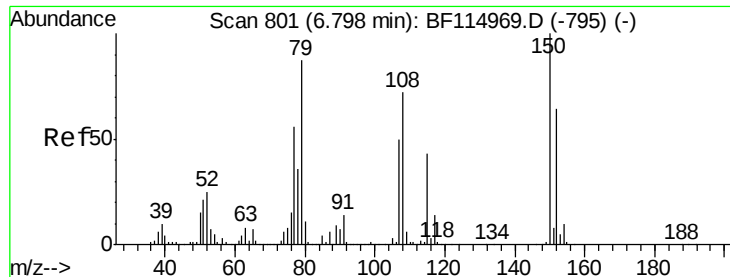


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

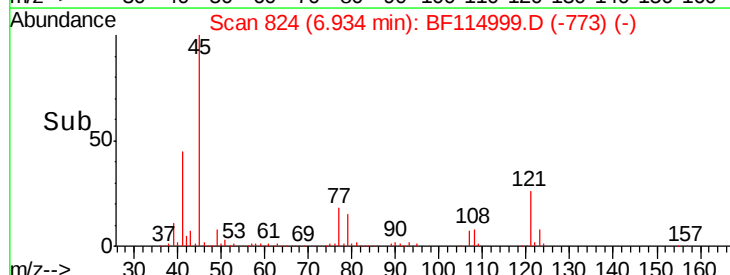
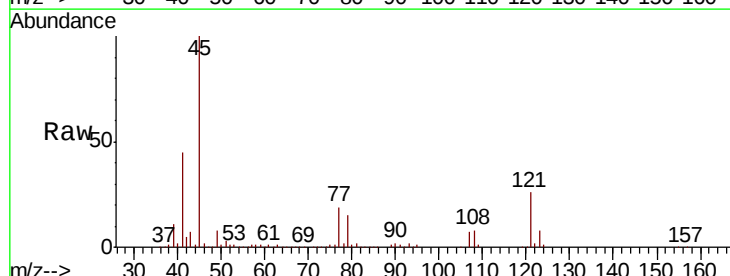
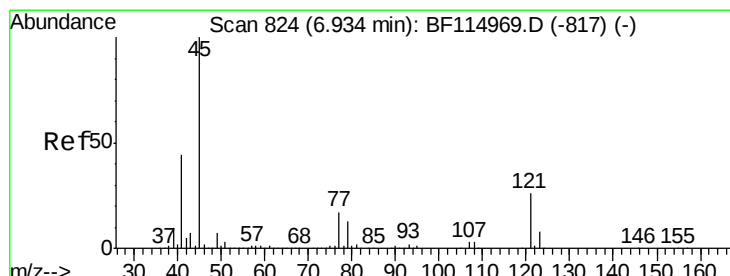
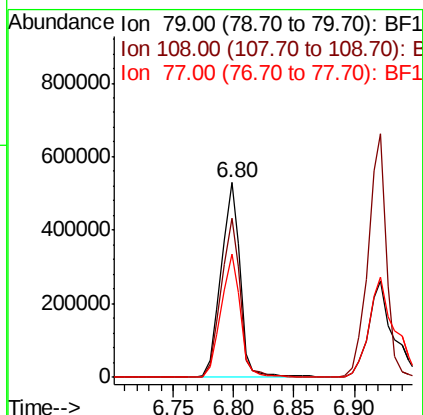




#15
Benzyl Alcohol
Concen: 38.983 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

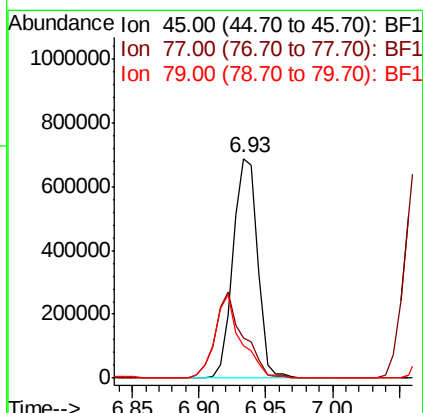
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

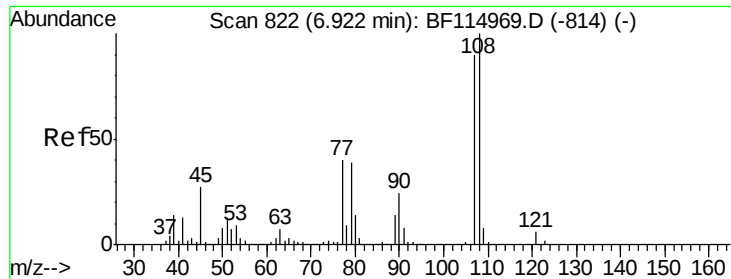
Tot Ion: 79 Resp: 577412
Ion Ratio Lower Upper
79 100
108 81.4 66.0 99.0
77 63.0 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.571 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion: 45 Resp: 886244
Ion Ratio Lower Upper
45 100
77 18.5 0.0 37.0
79 14.6 0.0 33.1

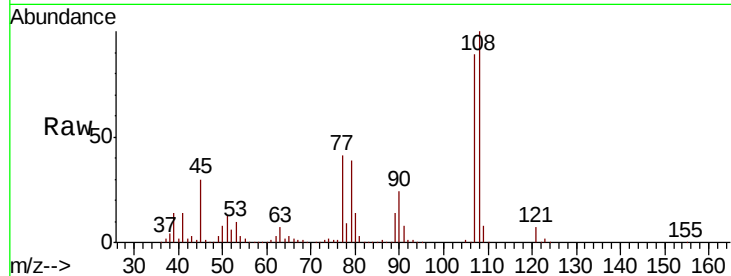




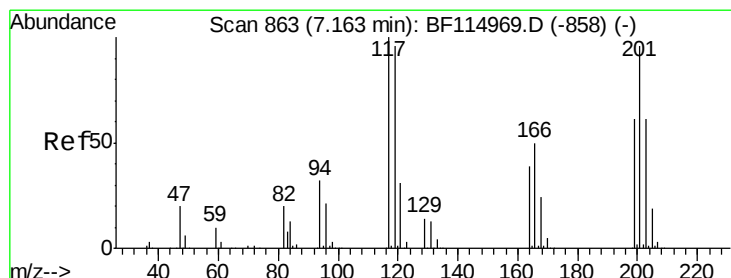
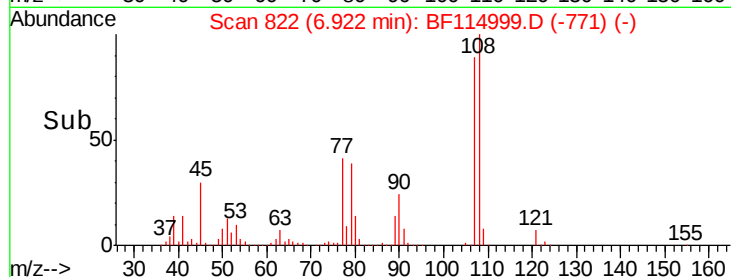
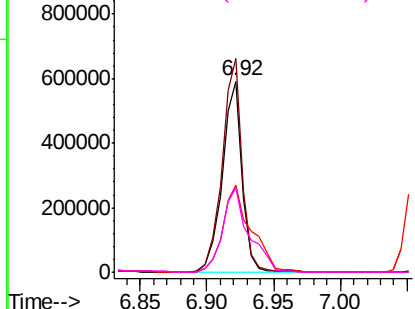
#17
2-Methylphenol
Concen: 39.964 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:107 Resp: 619448
Ion Ratio Lower Upper
107 100
108 112.0 89.3 133.9
77 46.0 35.4 53.2
79 44.1 34.9 52.3

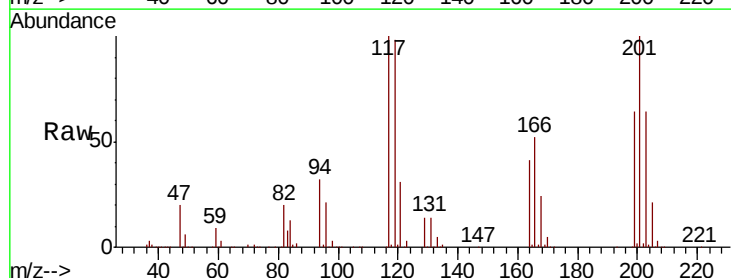


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

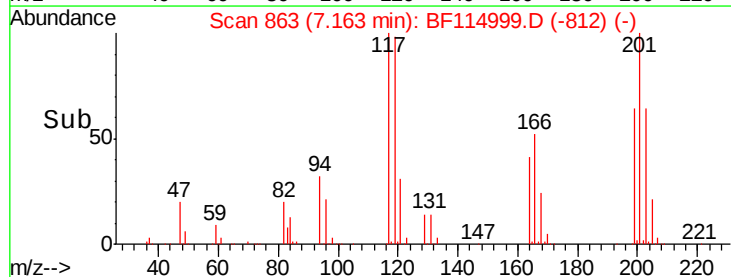
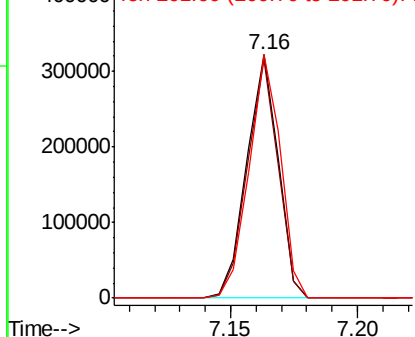


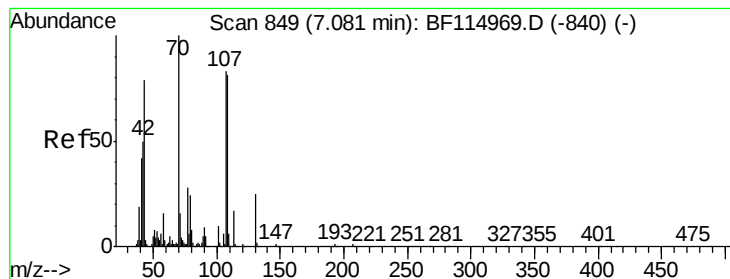
#18
Hexachloroethane
Concen: 35.260 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:117 Resp: 277873
Ion Ratio Lower Upper
117 100
119 98.0 77.0 115.4
201 99.9 76.6 115.0



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: 39.501 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

Tot Ion: 70 Resp: 474458

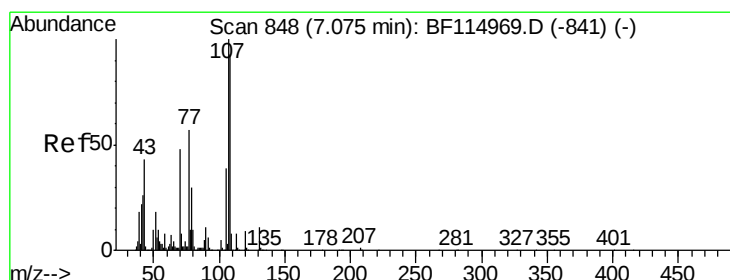
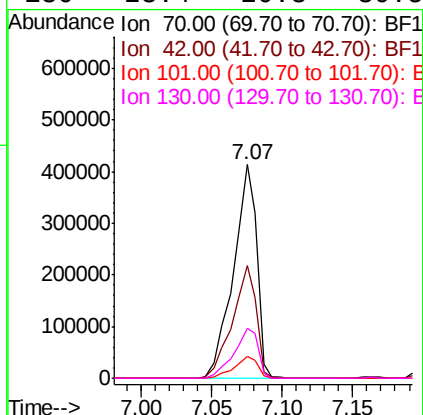
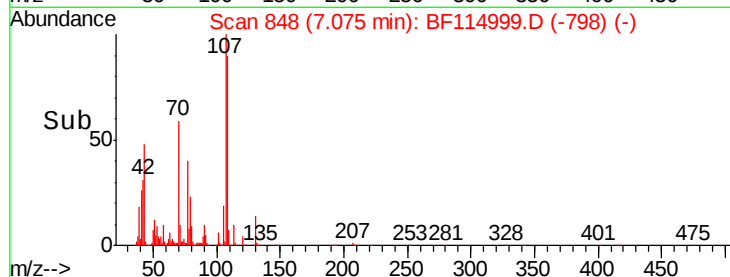
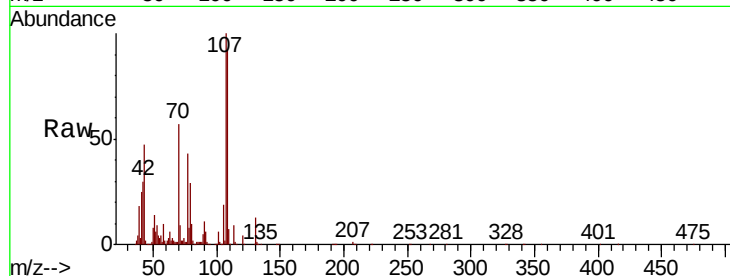
Ion Ratio Lower Upper

70 100

42 52.7 40.3 60.5

101 10.2 8.2 12.4

130 23.4 20.3 30.5



#20

3+4-Methylphenols

Concen: 39.528 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Tgt Ion: 107 Resp: 729191

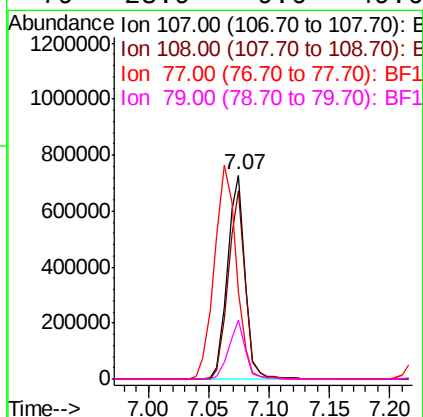
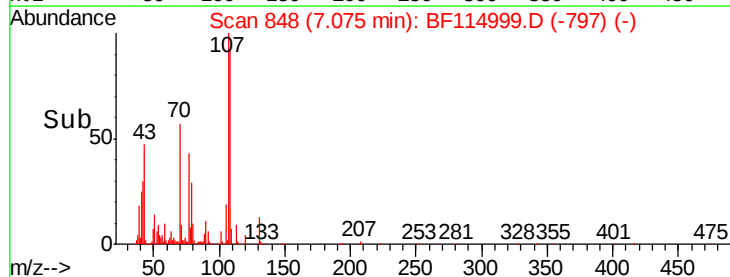
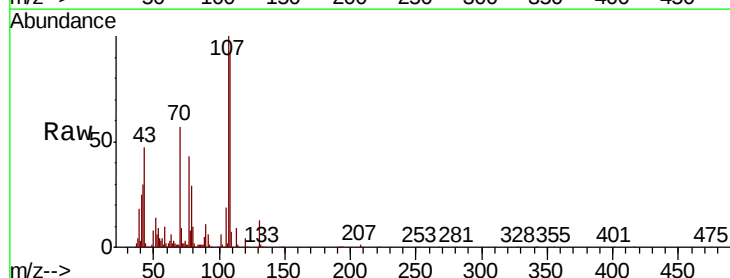
Ion Ratio Lower Upper

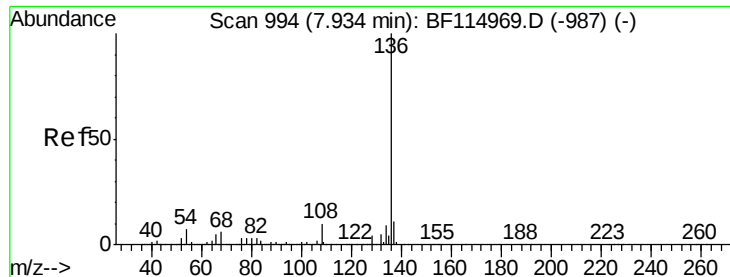
107 100

108 92.1 73.1 113.1

77 42.9 37.3 77.3

79 28.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

Tot Ion:136 Resp: 1040648

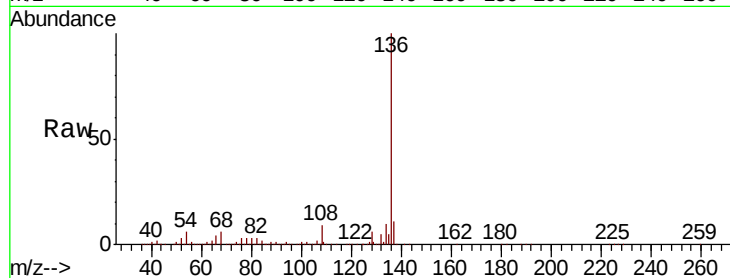
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.2 5.4 8.0

68 5.6 4.6 7.0

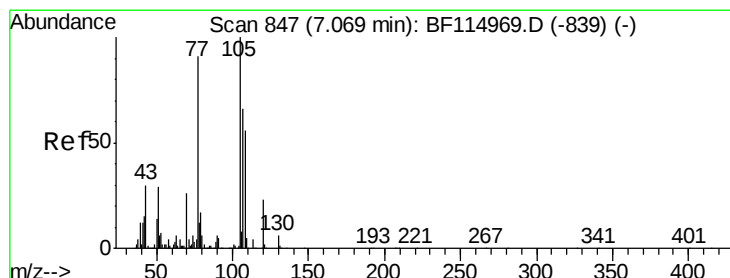
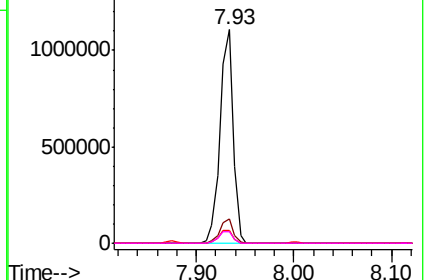
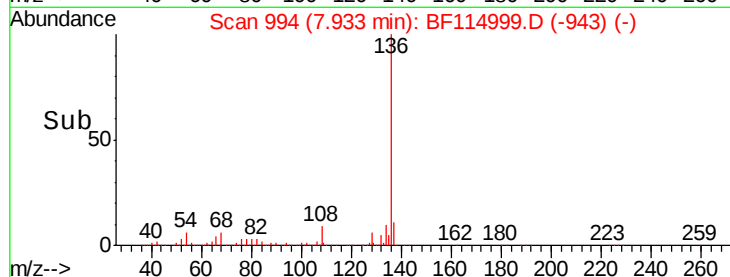


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.896 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Tgt Ion:105 Resp: 1010507

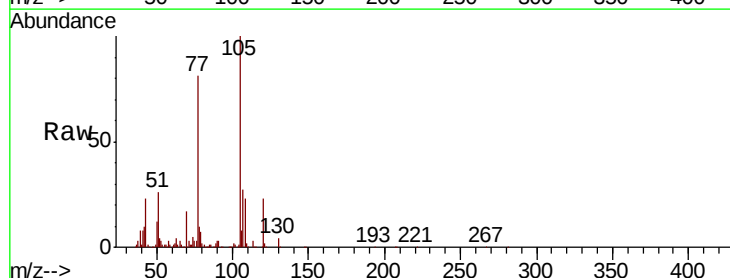
Ion Ratio Lower Upper

105 100

71 2.9 3.4 5.2#

51 25.6 23.3 34.9

120 23.0 18.8 28.2

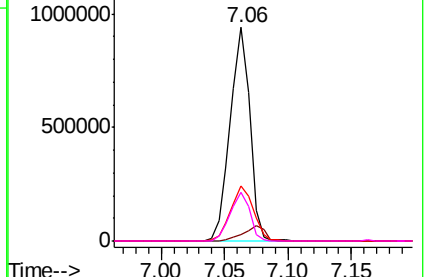
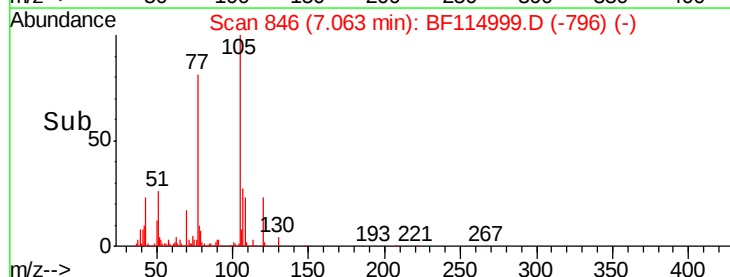


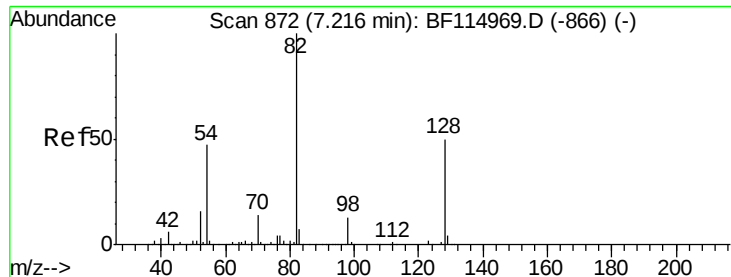
Abundance Ion 105.00 (104.70 to 105.70): E

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

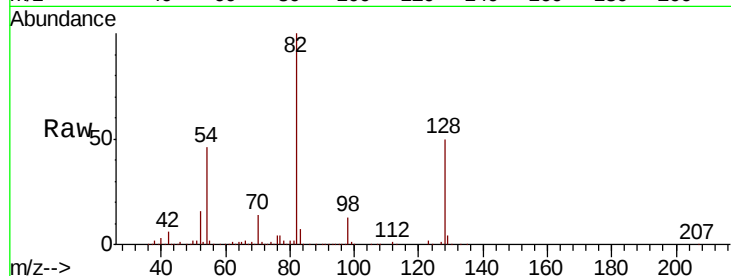




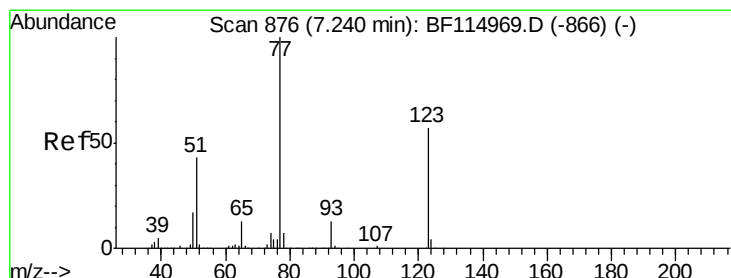
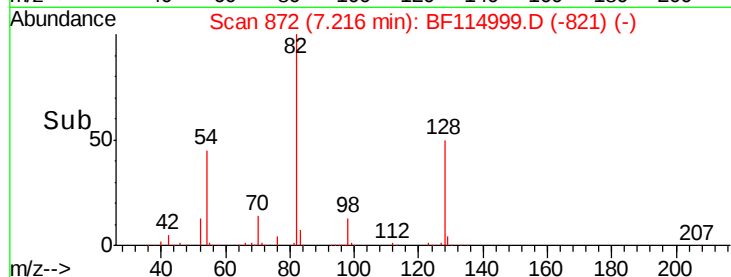
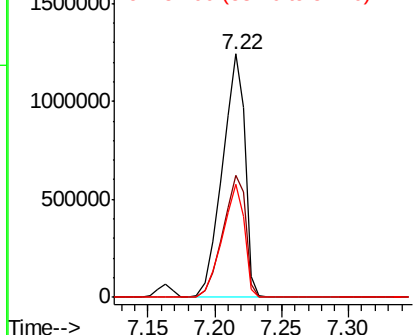
#23
 Nitrobenzene-d5
 Concen: 86.043 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion: 82 Resp: 1487571
 Ion Ratio Lower Upper
 82 100
 128 50.4 39.9 59.9
 54 46.2 37.3 55.9

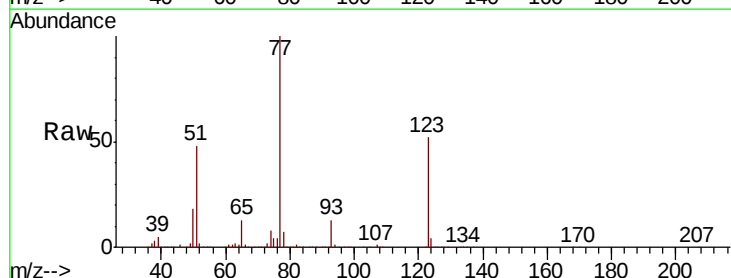


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

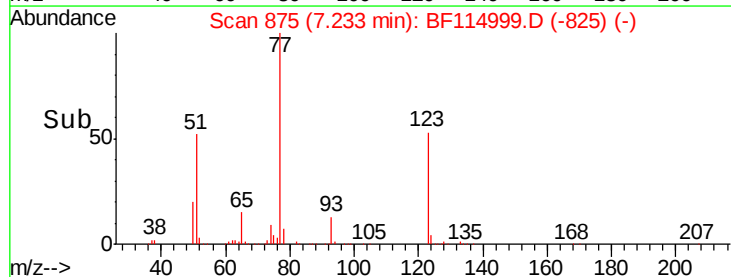
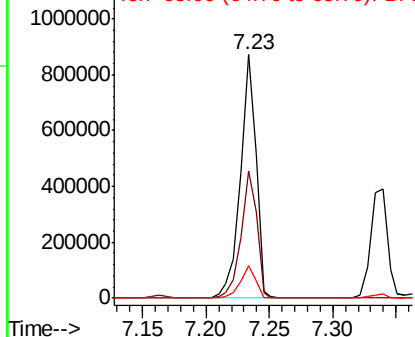


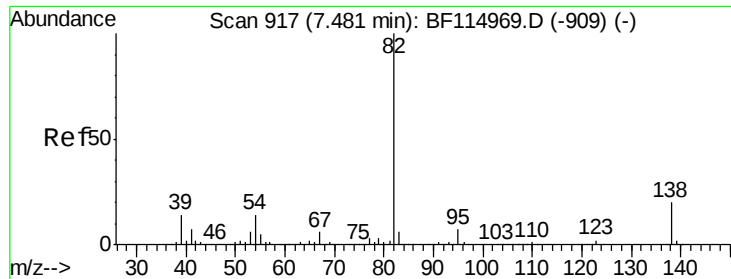
#24
 Nitrobenzene
 Concen: 41.555 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion: 77 Resp: 730972
 Ion Ratio Lower Upper
 77 100
 123 52.4 45.5 68.3
 65 13.2 10.3 15.5



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: 41.720 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

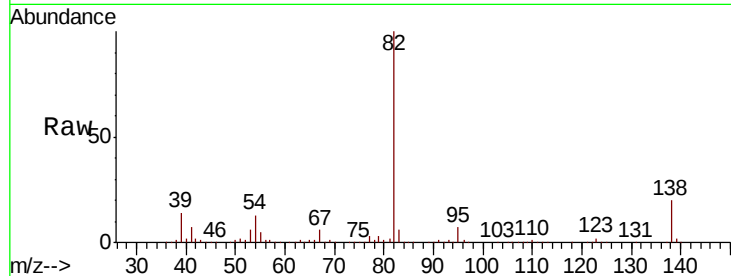
Tot Ion: 82 Resp: 1350924

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

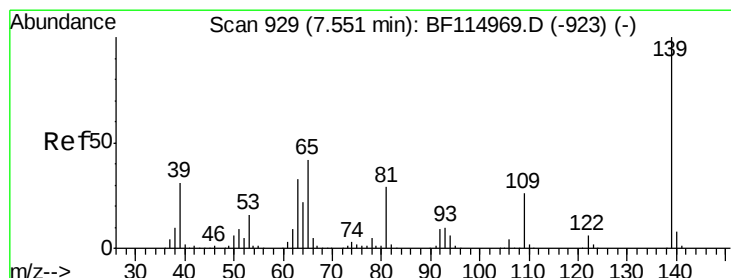
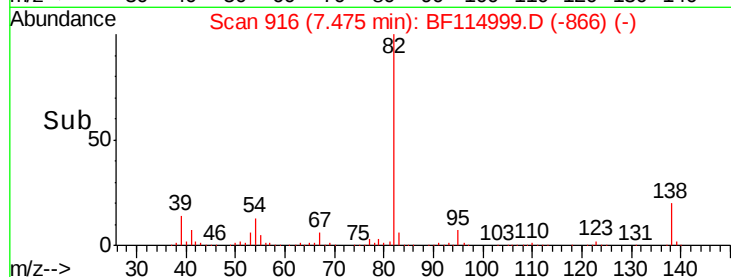
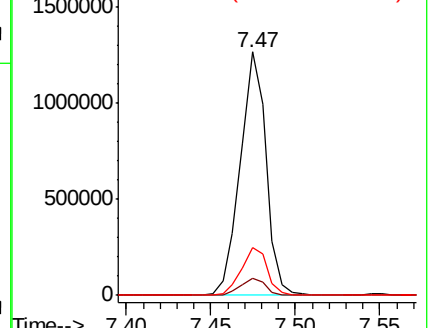
138 19.8 16.1 24.1



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: 37.095 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

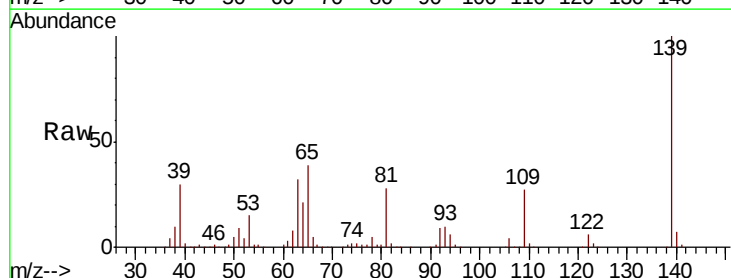
Tgt Ion: 139 Resp: 363702

Ion Ratio Lower Upper

139 100

109 26.5 20.8 31.2

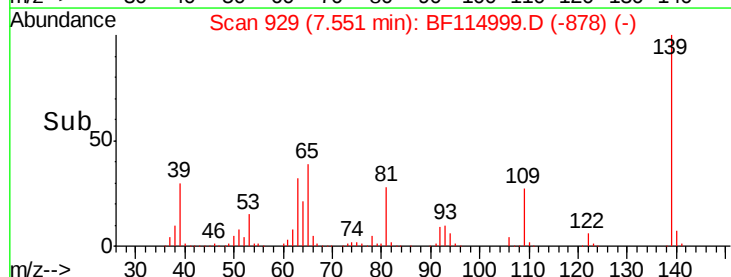
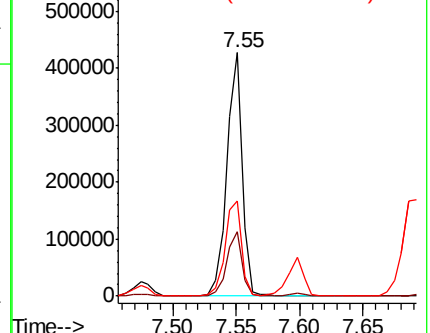
65 39.3 33.4 50.2

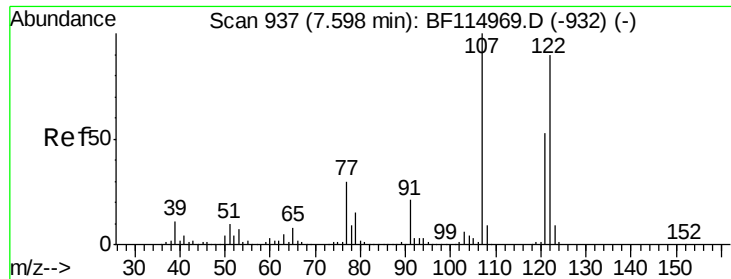


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

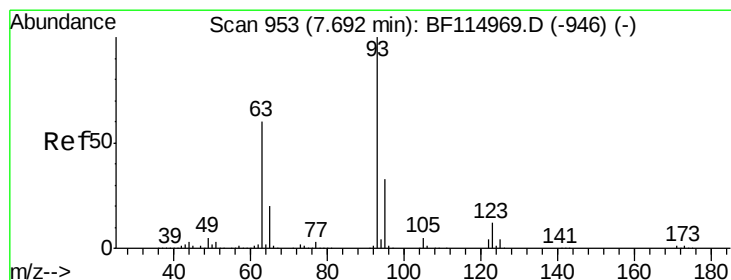
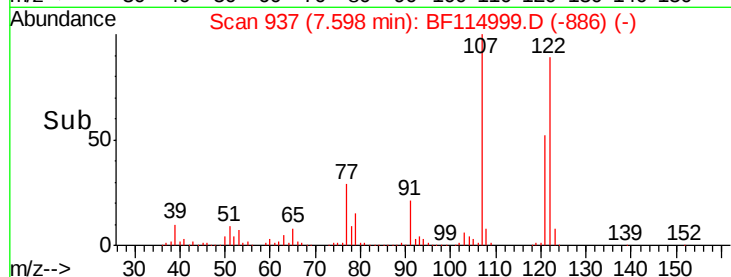
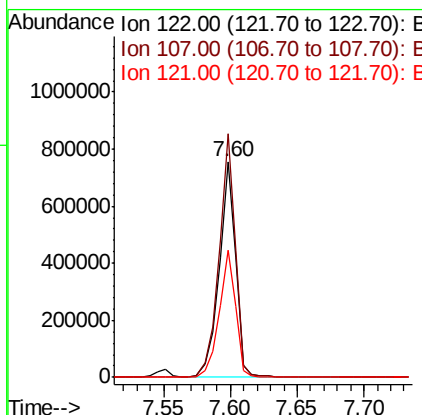
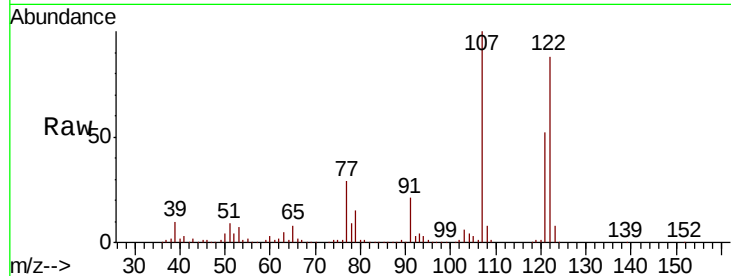




#27
2,4-Dimethylphenol
Concen: 46.660 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

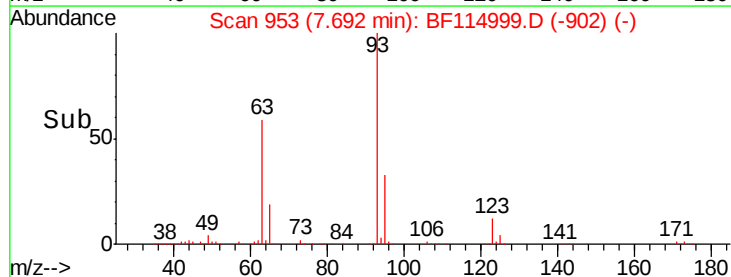
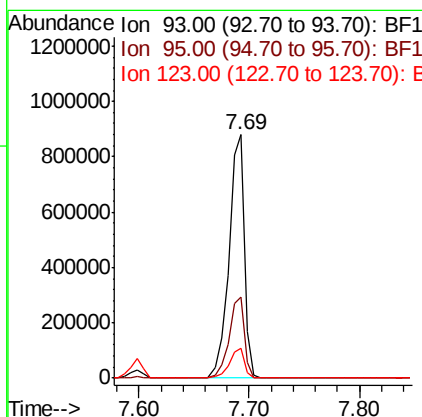
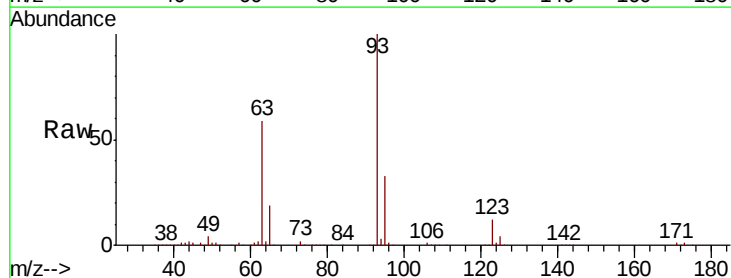
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

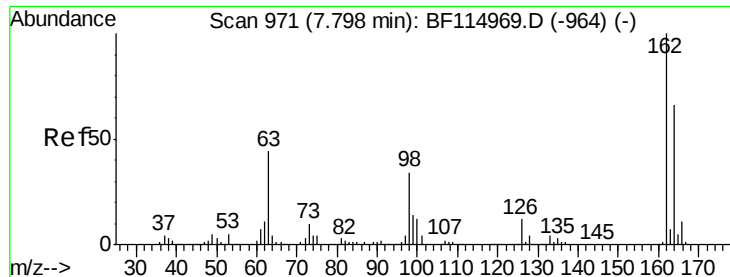
Tot Ion:122 Resp: 659963
Ion Ratio Lower Upper
122 100
107 113.0 88.8 133.2
121 59.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.428 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion: 93 Resp: 860652
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.4 9.9 14.9

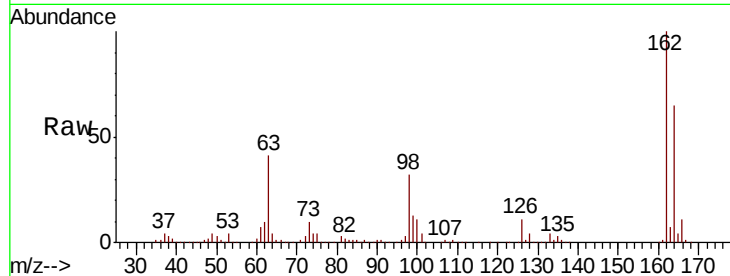




#29
 2,4-Dichlorophenol
 Concen: 40.603 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.7	85.7
98	32.4	14.0	54.0

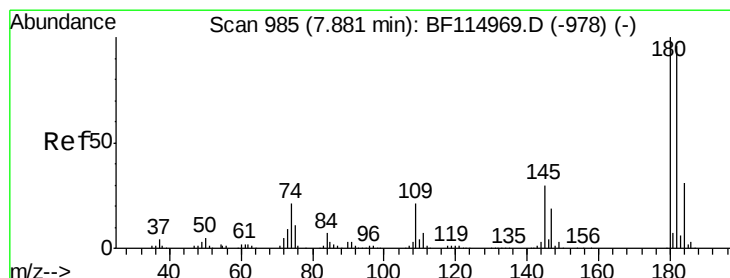
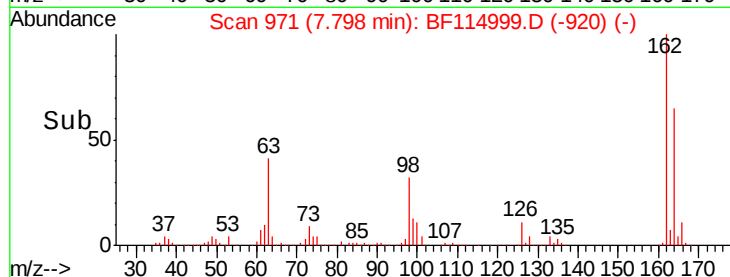
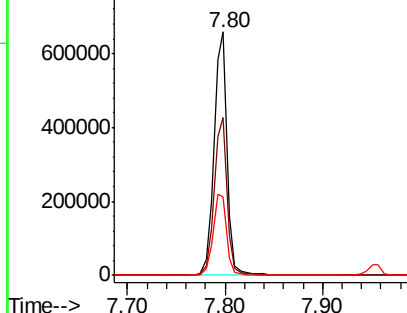


Abundance

Ion 162.00 (161.70 to 162.70): E

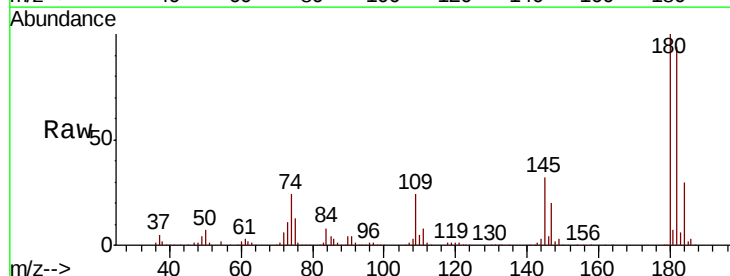
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.654 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.7	115.1
145	32.2	24.1	36.1

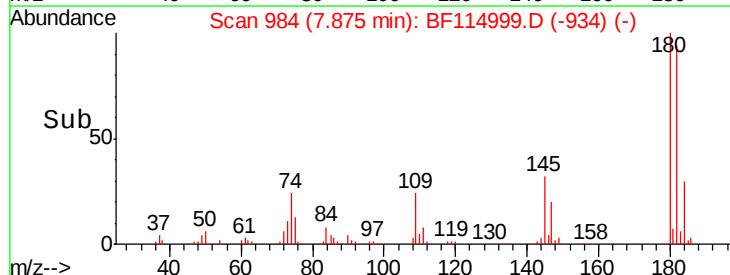
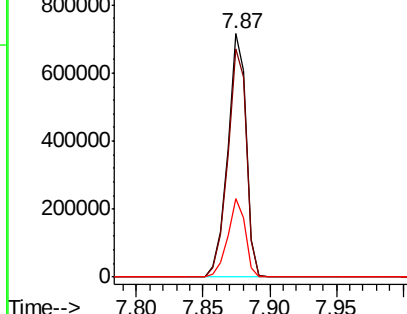


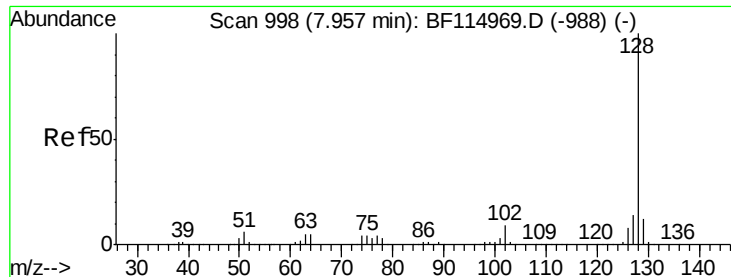
Abundance

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: 42.101 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

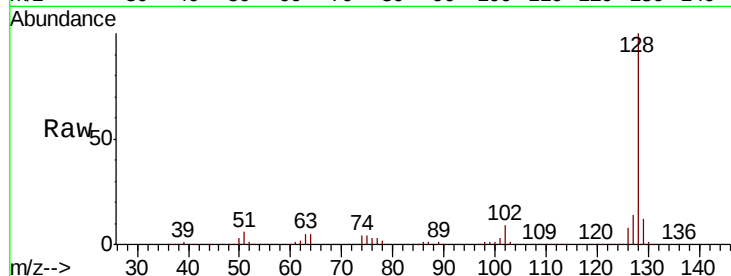
Tot Ion:128 Resp: 2072949

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

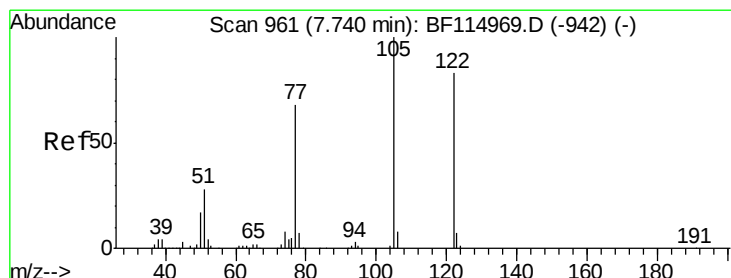
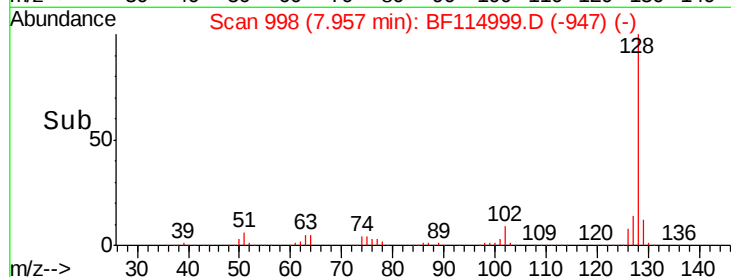
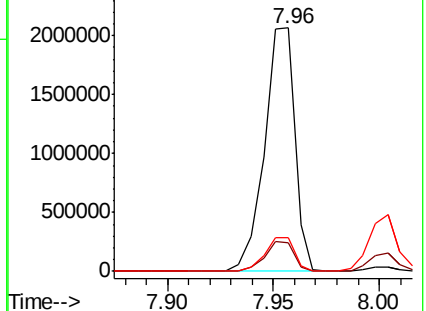
127 13.9 11.5 17.3



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: 64.488 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.14 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

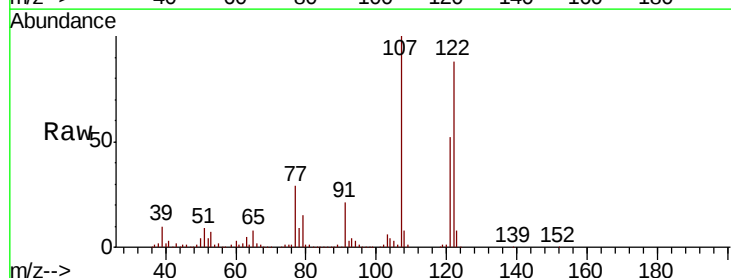
Tgt Ion:122 Resp: 659963

Ion Ratio Lower Upper

122 100

105 3.5 98.6 138.6#

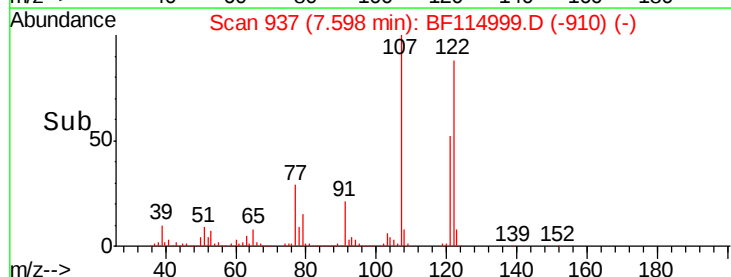
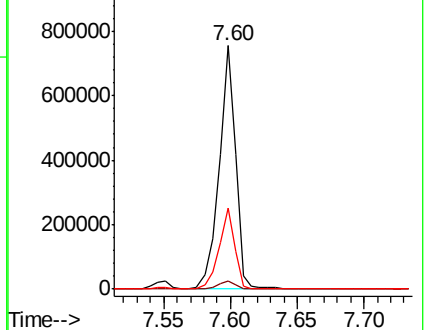
77 33.1 60.9 100.9#

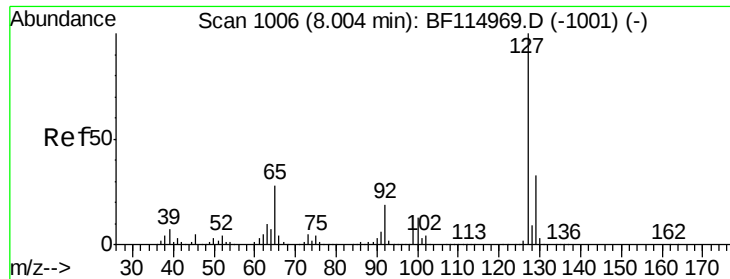


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

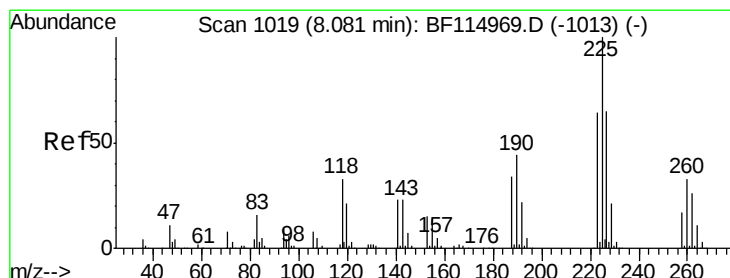
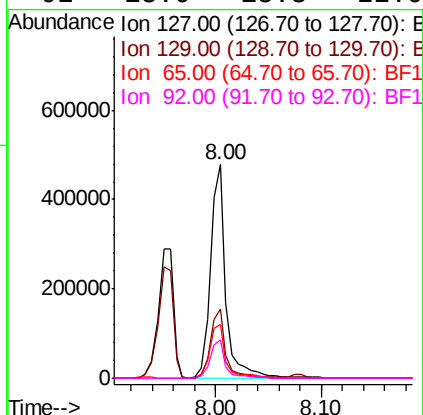
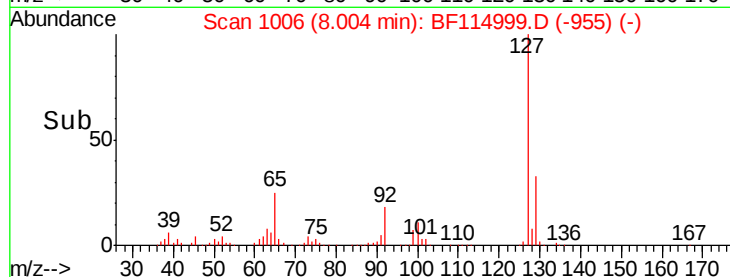
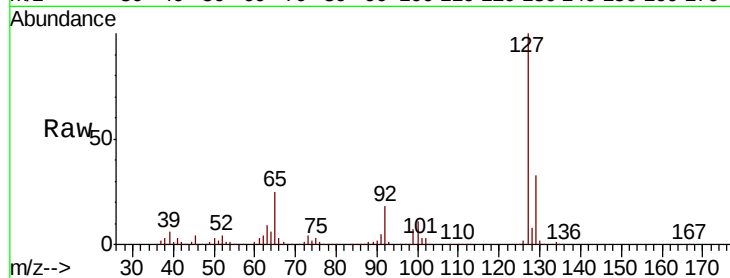




#33
4-Chloroaniline
Concen: 21.451 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

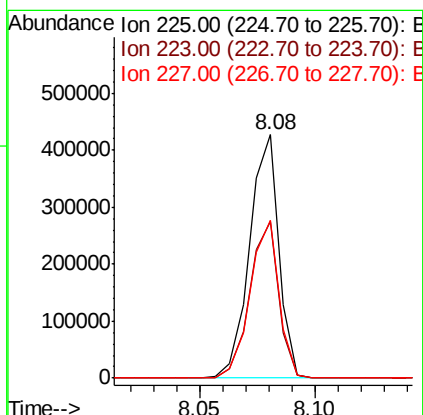
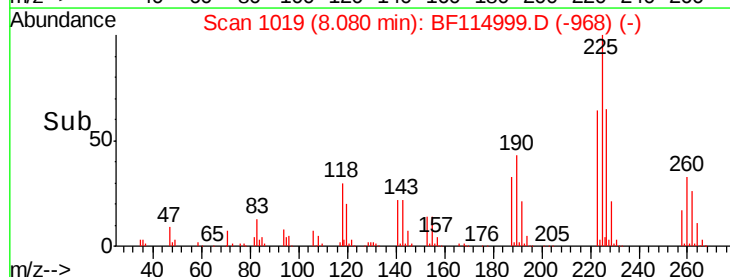
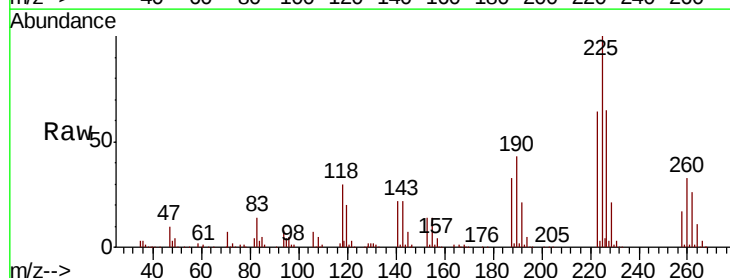
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

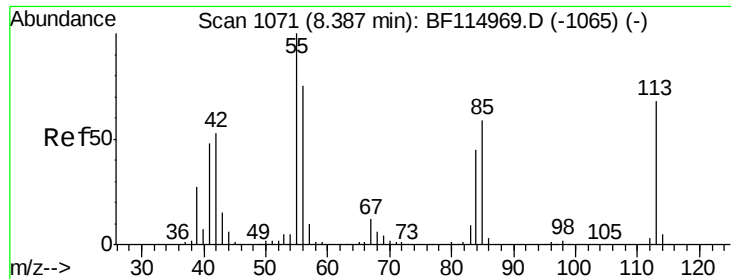
Tot Ion:	127	Resp:	487552
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	25.0	22.3	33.5
92	18.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.340 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:	225	Resp:	377533
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	64.8	51.7	77.5

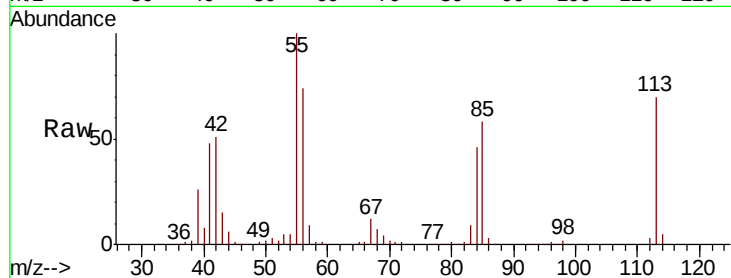




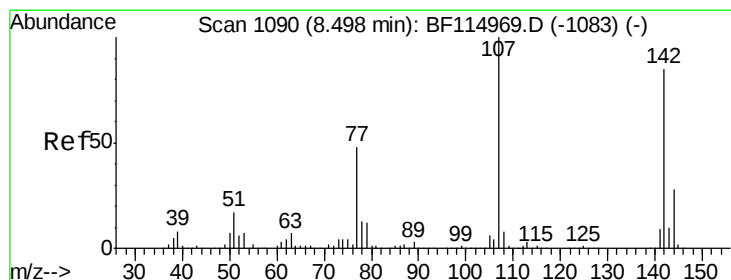
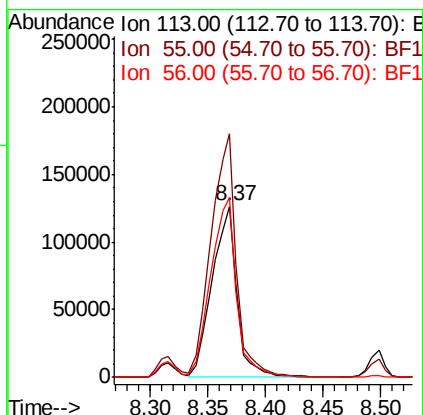
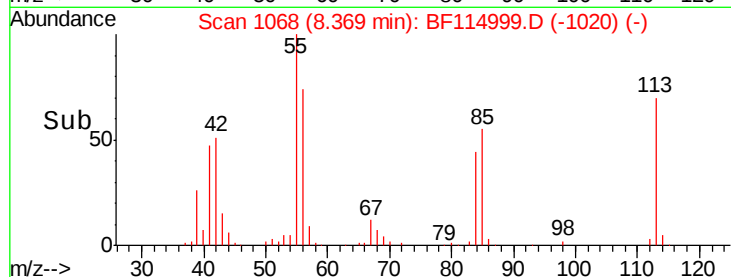
#35
 Caprolactam
 Concen: 38.205 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion:113 Resp: 190131
 Ion Ratio Lower Upper
 113 100
 55 142.3 127.3 167.3
 56 105.0 90.6 130.6

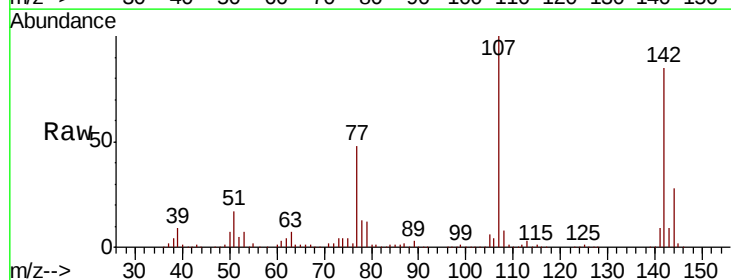


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

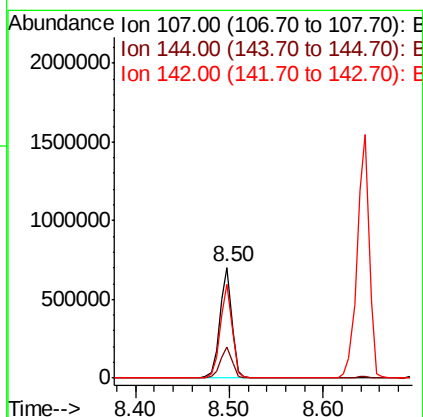
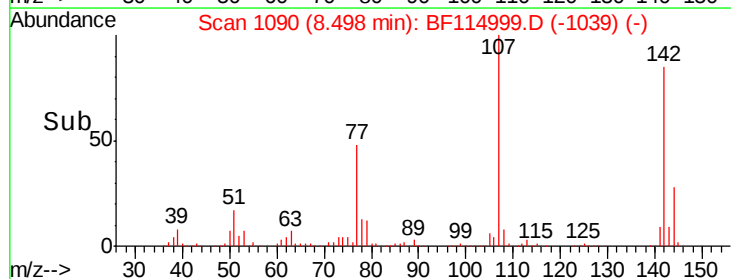


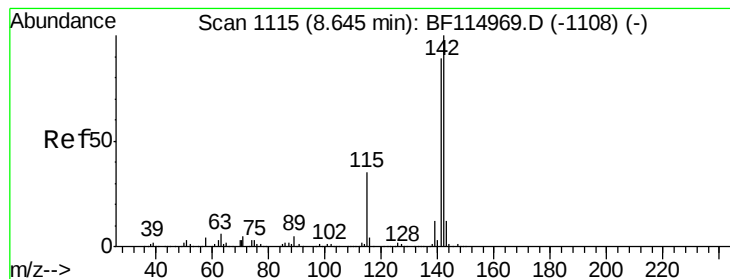
#36
 4-Chloro-3-methylphenol
 Concen: 41.938 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:107 Resp: 631501
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.0 33.0
 142 85.0 68.2 102.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.769 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

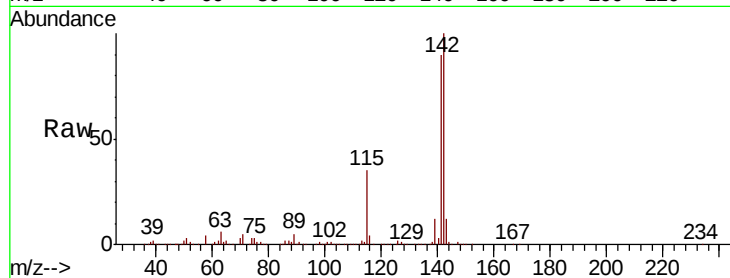
Tot Ion:142 Resp: 1371684

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

115 35.0 27.9 41.9

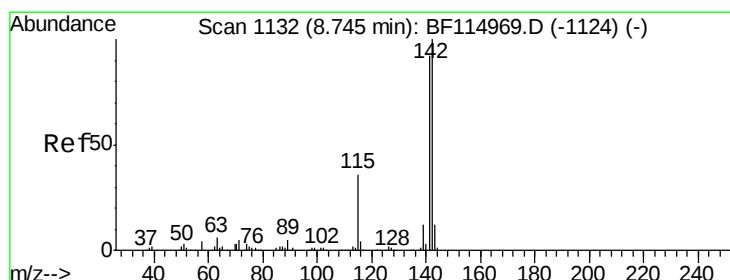
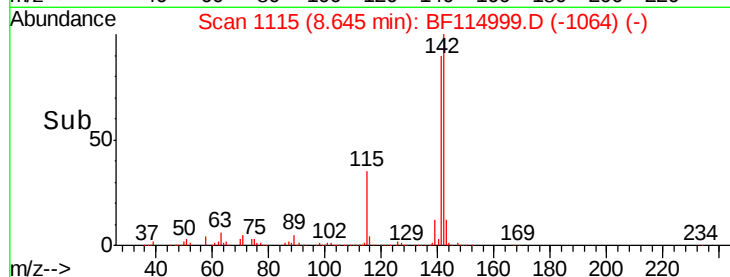
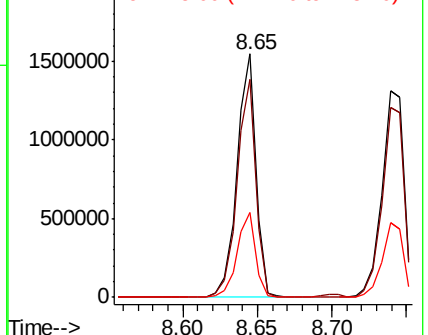


Abundance

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: 42.265 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

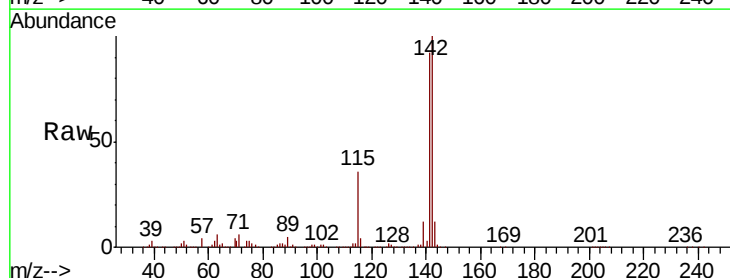
Tgt Ion:142 Resp: 1311834

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.8

116 3.9 2.9 4.3

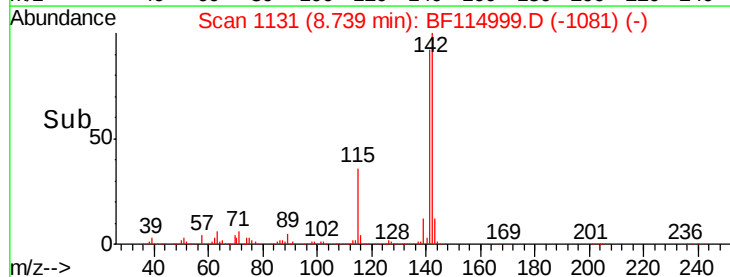
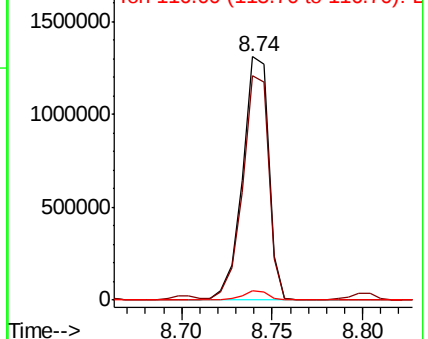


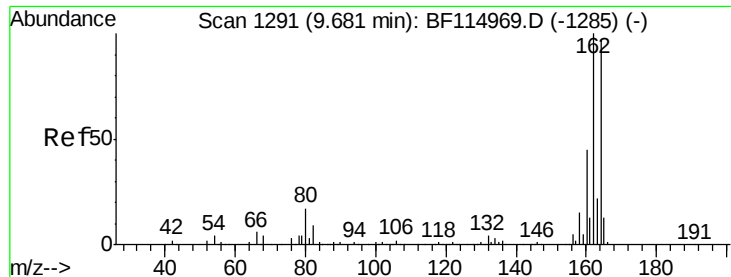
Abundance

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

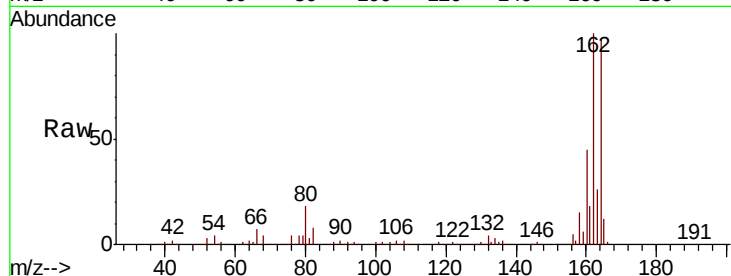




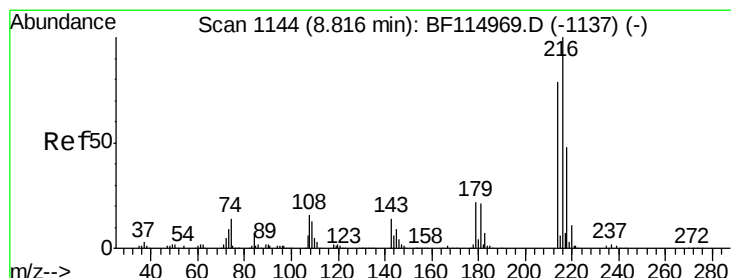
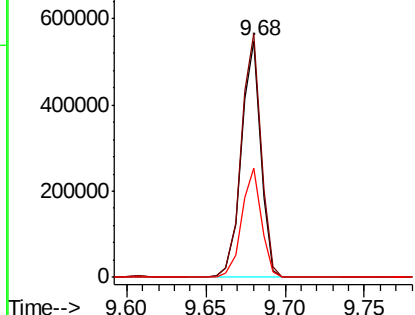
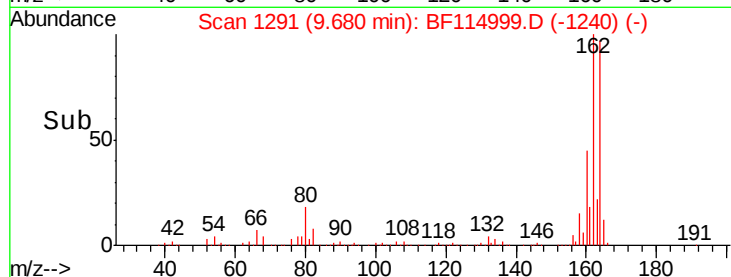
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.4	36.9	55.3

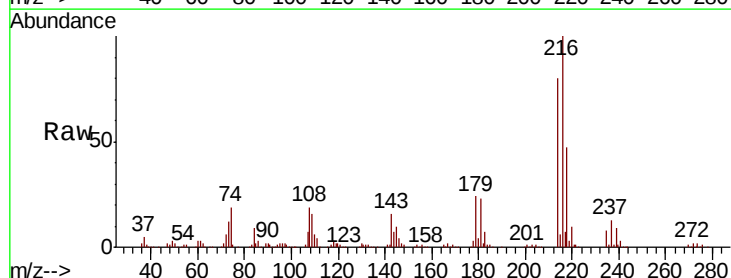


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

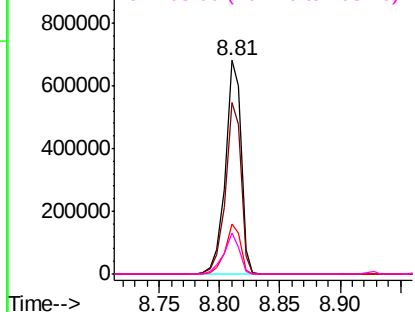
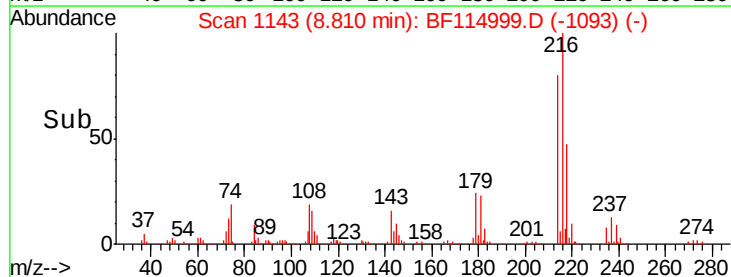


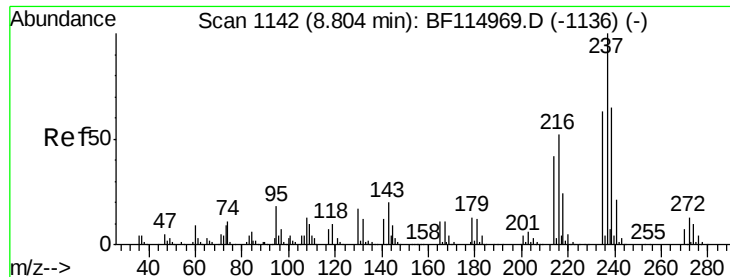
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.865 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	23.0	18.2	27.4
108	19.0	15.0	22.6



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: 44.064 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

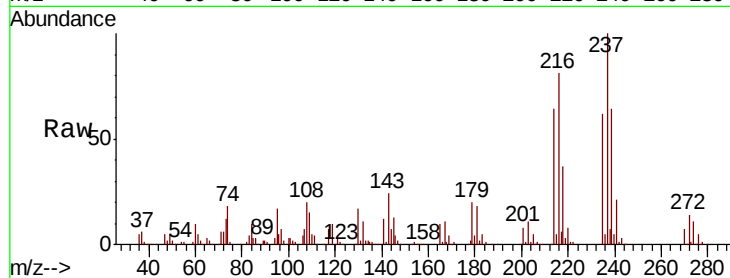
Tot Ion:237 Resp: 297442

Ion Ratio Lower Upper

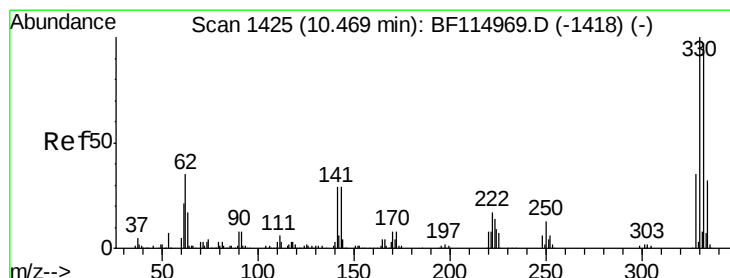
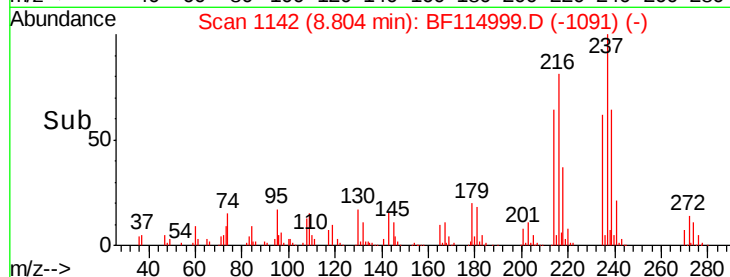
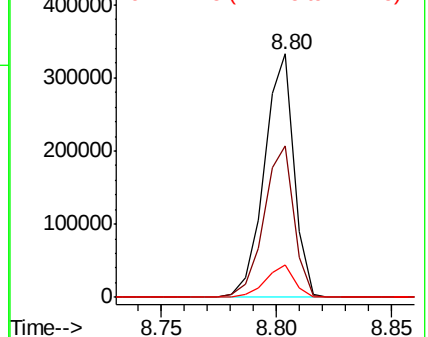
237 100

235 62.1 42.7 82.7

272 13.5 0.0 32.7



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: 105.641 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

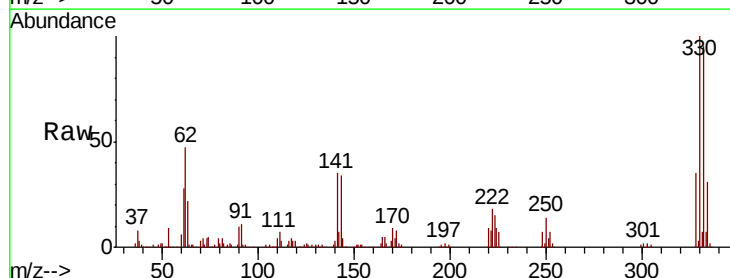
Tgt Ion:330 Resp: 524547

Ion Ratio Lower Upper

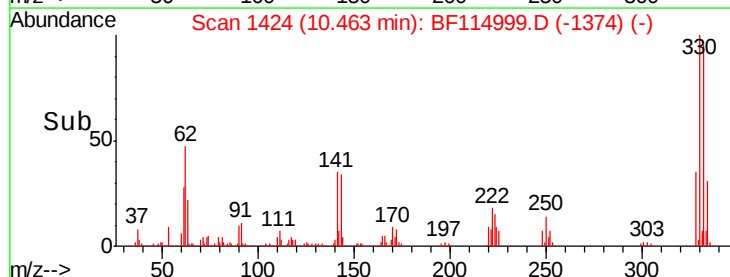
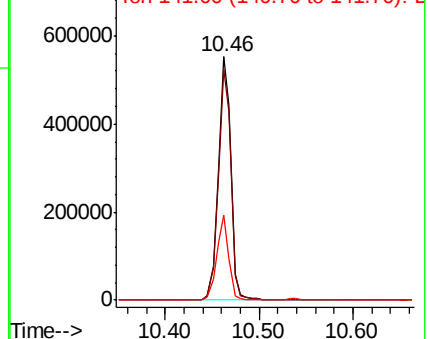
330 100

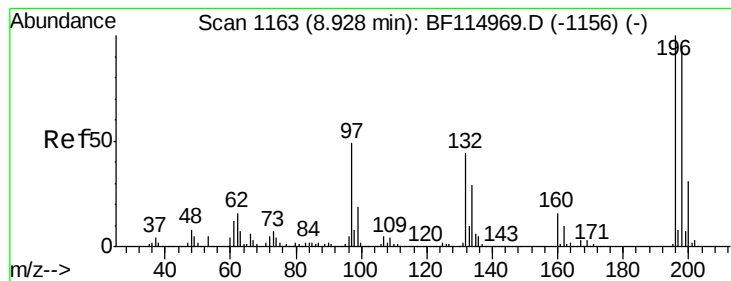
332 95.7 77.6 116.4

141 33.1 27.2 40.8



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: 30.884 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

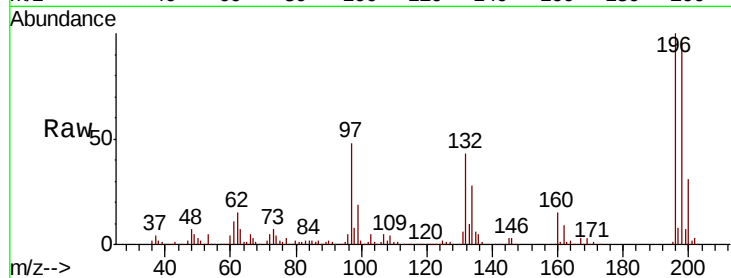
Tot Ion:196 Resp: 315998

Ion Ratio Lower Upper

196 100

198 96.3 75.8 113.8

200 30.9 24.9 37.3

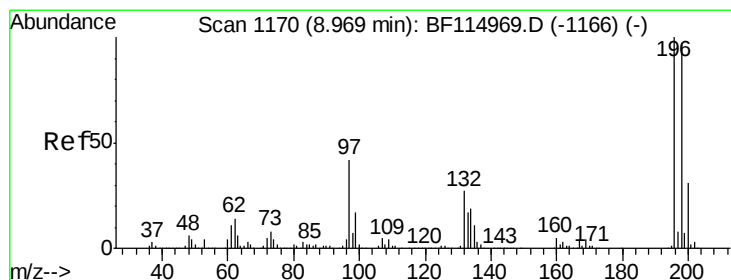
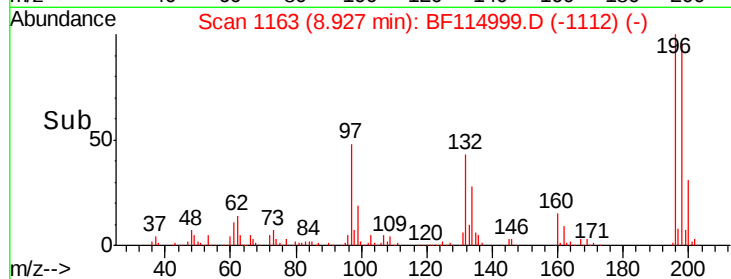
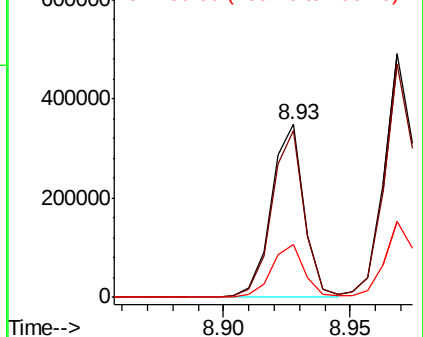


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.489 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Tgt Ion:196 Resp: 408325

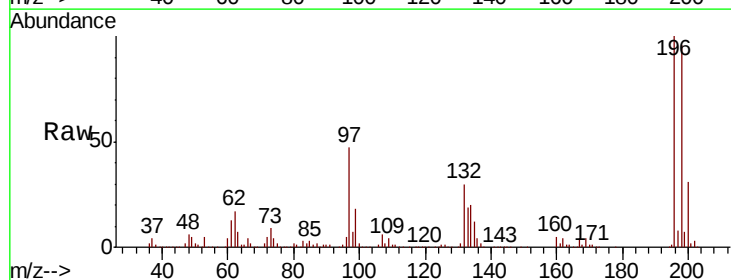
Ion Ratio Lower Upper

196 100

198 96.0 77.3 115.9

97 47.1 34.2 51.4

132 29.6 22.1 33.1



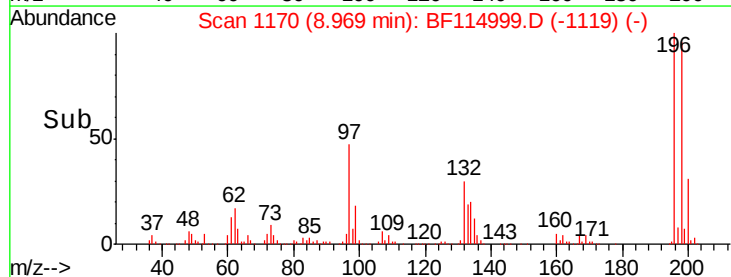
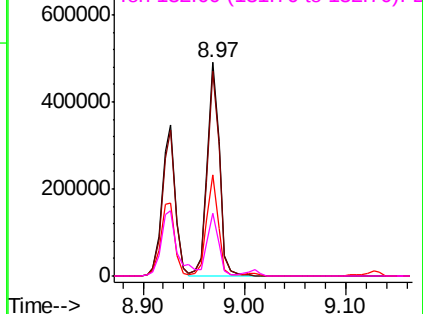
Abundance

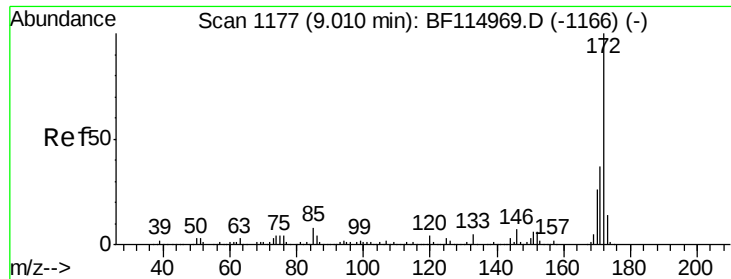
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

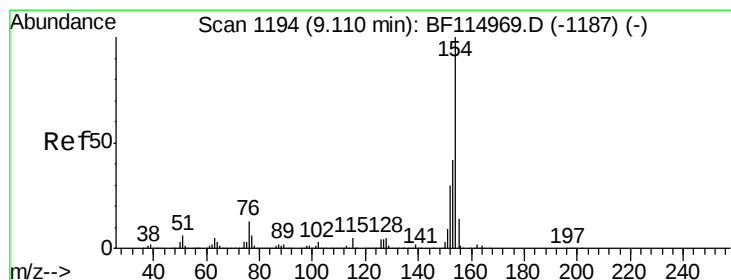
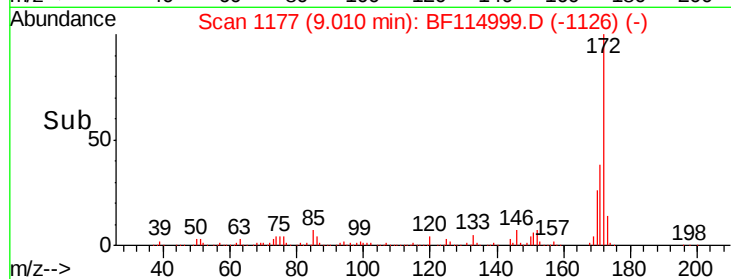
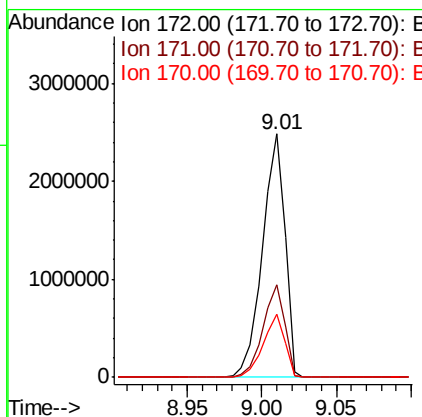
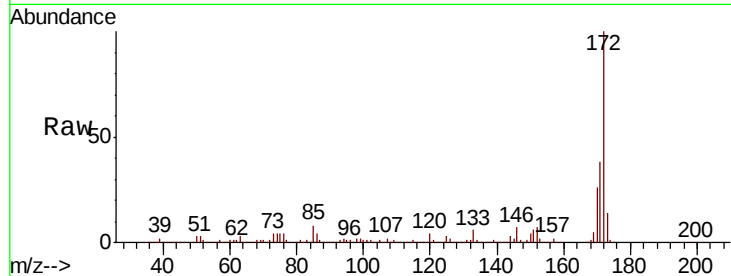




#45
 2-Fluorobiphenyl
 Concen: 93.496 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

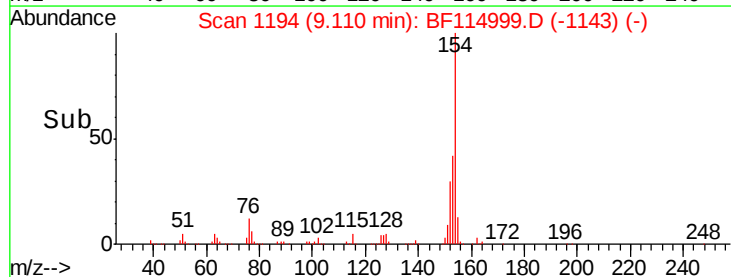
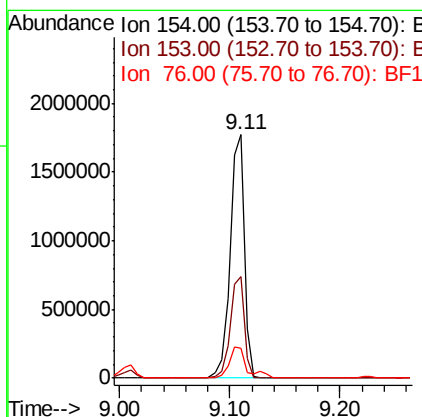
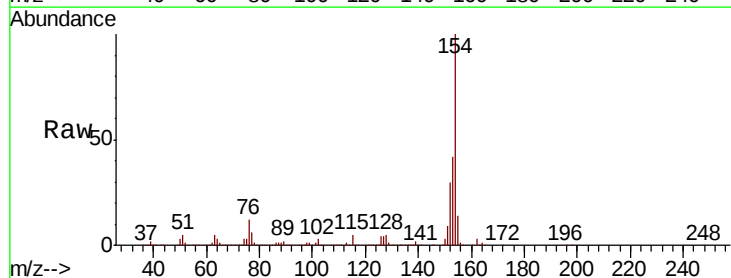
Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

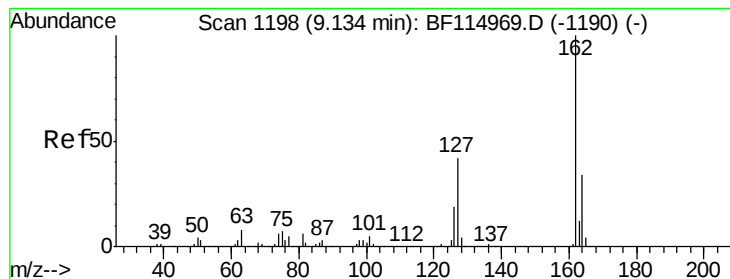
Tot Ion:172 Resp: 2557896
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.8 44.6
 170 26.1 20.6 31.0



#46
 1,1'-Biphenyl
 Concen: 43.179 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:154 Resp: 1604391
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.4 62.4
 76 12.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.881 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

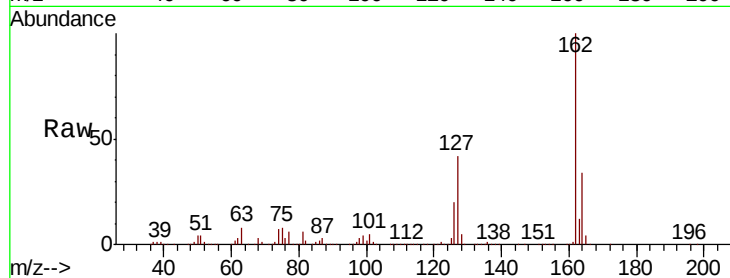
Tot Ion:162 Resp: 1288433

Ion Ratio Lower Upper

162 100

127 42.0 33.4 50.2

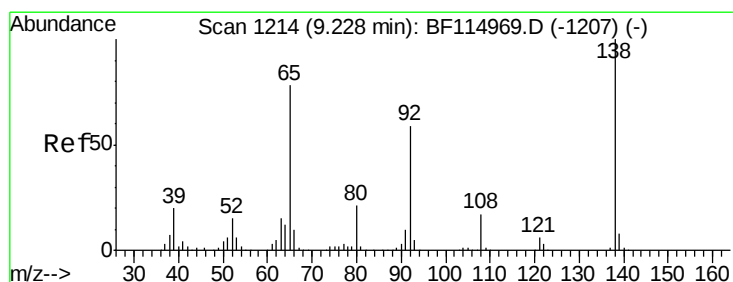
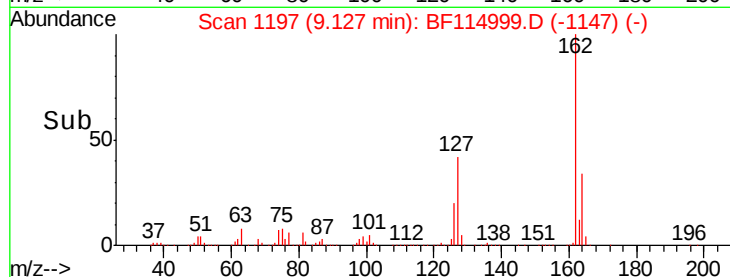
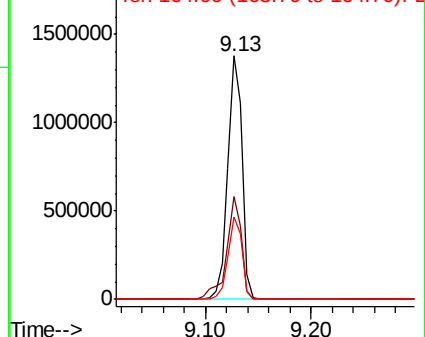
164 33.9 27.2 40.8



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: 41.155 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

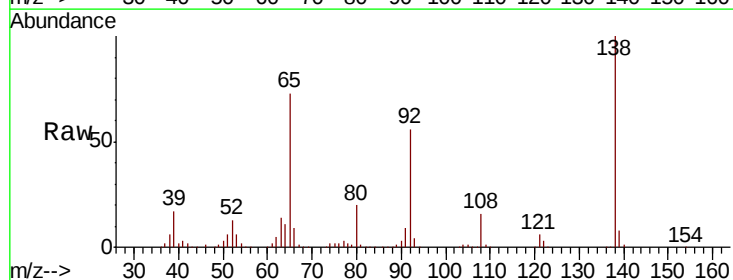
Tgt Ion: 65 Resp: 365500

Ion Ratio Lower Upper

65 100

92 77.8 60.5 90.7

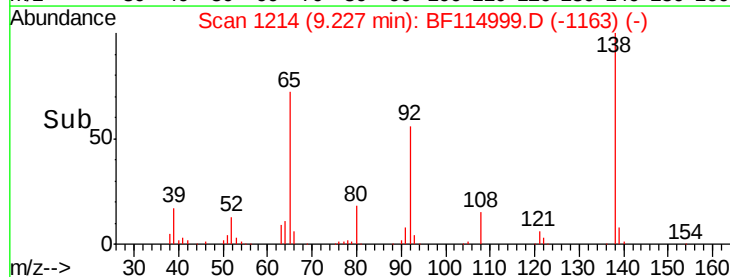
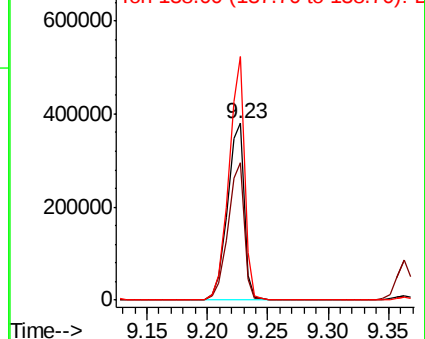
138 137.9 102.0 153.0

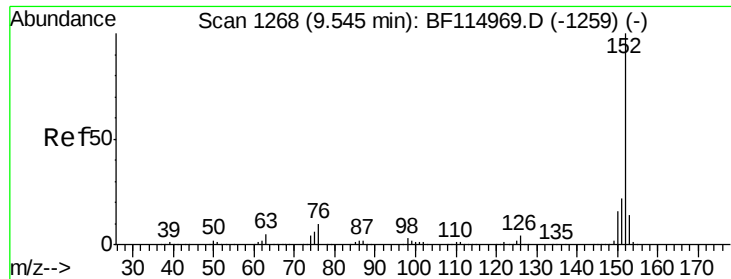


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.984 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

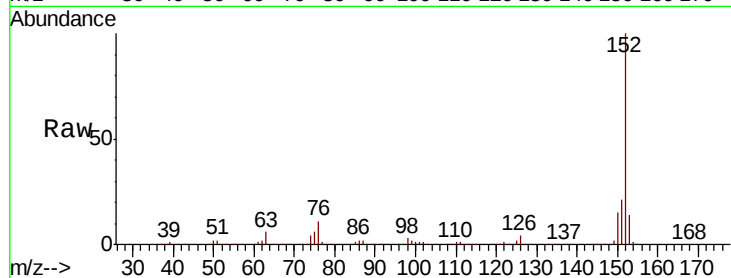
Tot Ion:152 Resp: 1939554

Ion Ratio Lower Upper

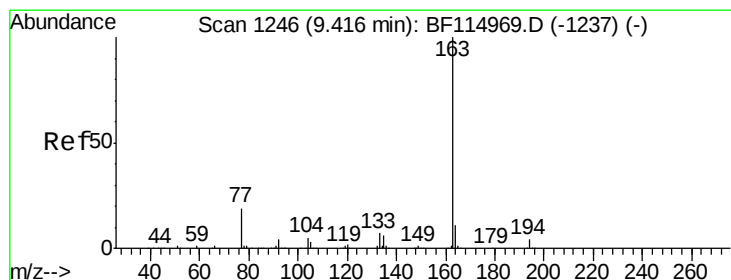
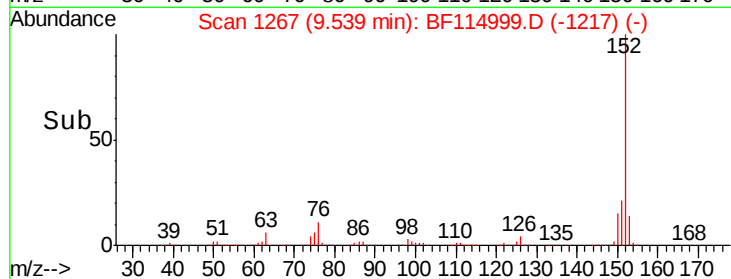
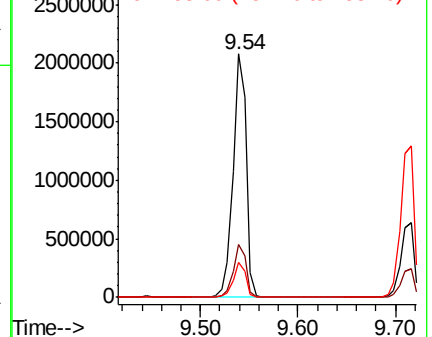
152 100

151 21.5 17.5 26.3

153 14.3 11.2 16.8



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: 64.547 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

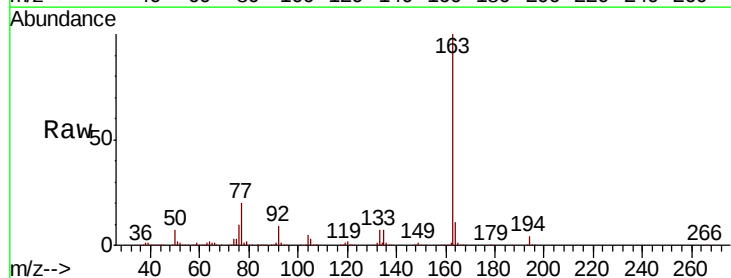
Tgt Ion:163 Resp: 2250795

Ion Ratio Lower Upper

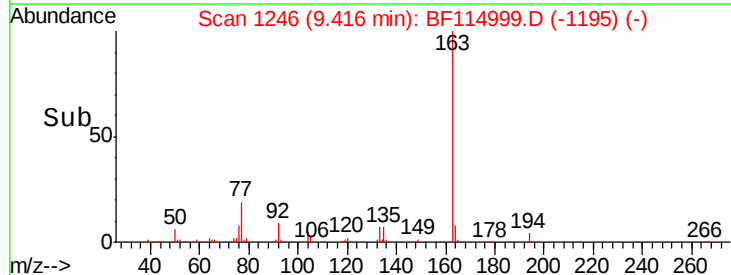
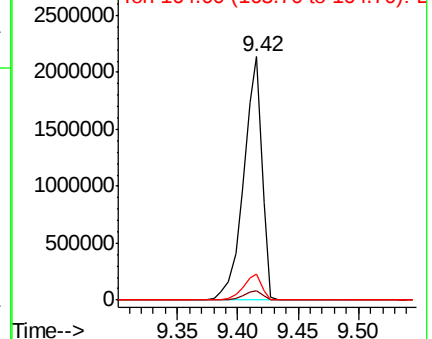
163 100

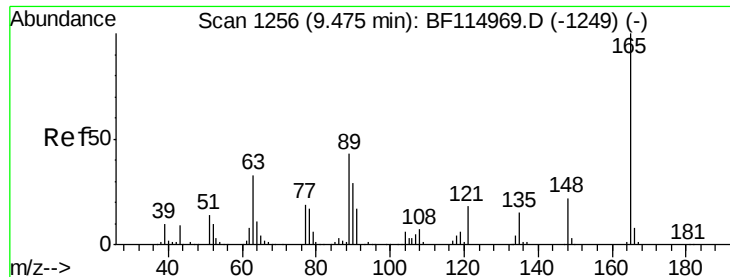
194 4.1 3.3 4.9

164 10.8 8.6 12.8



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

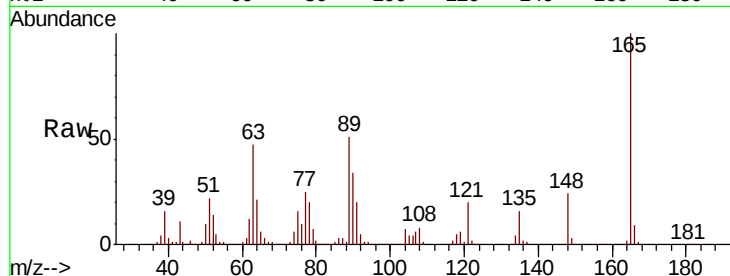




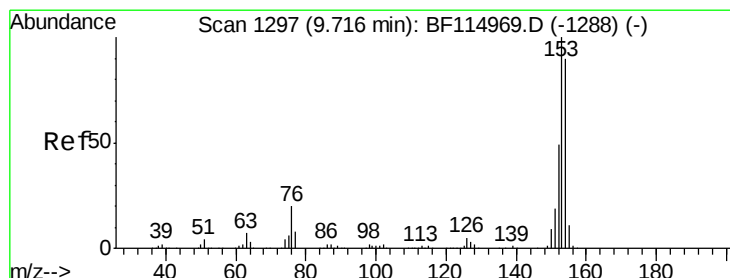
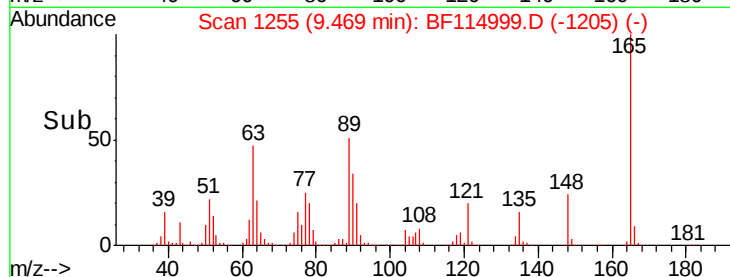
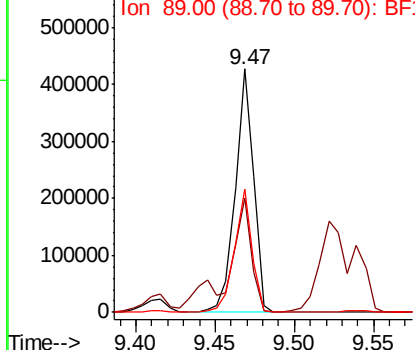
#51
2,6-Dinitrotoluene
Concen: 43.424 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:165 Resp: 343480
Ion Ratio Lower Upper
165 100
63 46.8 30.6 46.0#
89 50.6 34.4 51.6

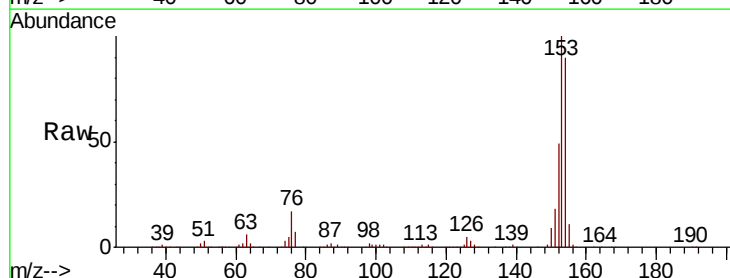


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

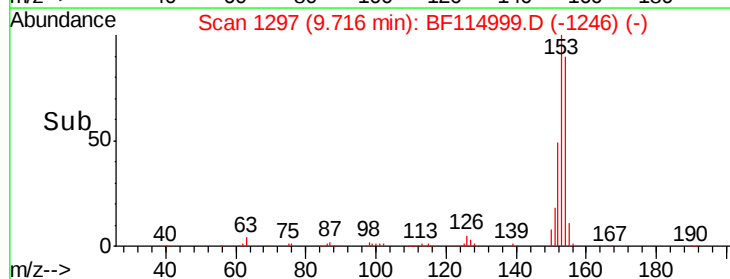
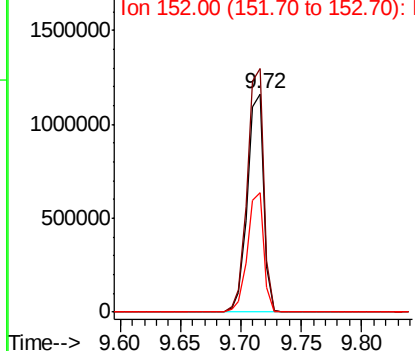


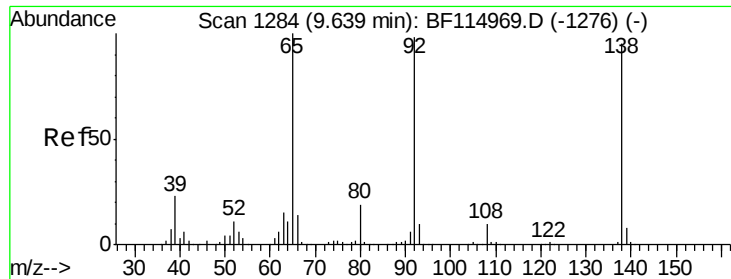
#52
Acenaphthene
Concen: 41.862 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:154 Resp: 1106445
Ion Ratio Lower Upper
154 100
153 111.6 88.5 132.7
152 54.6 43.6 65.4



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

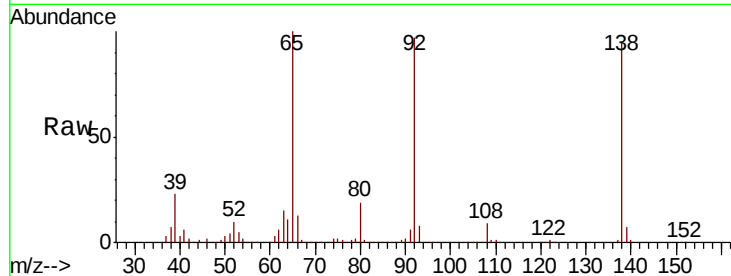




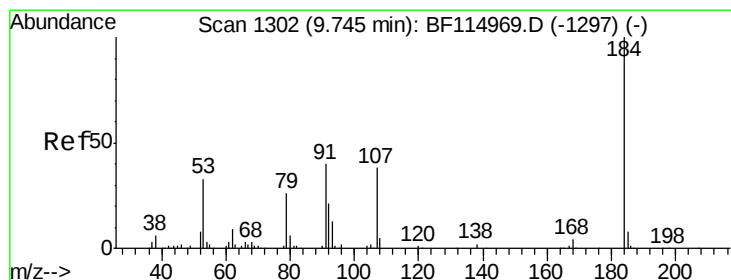
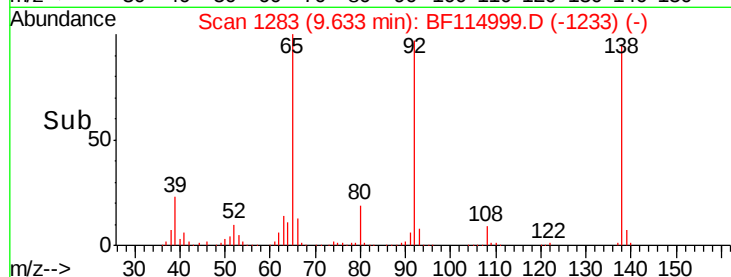
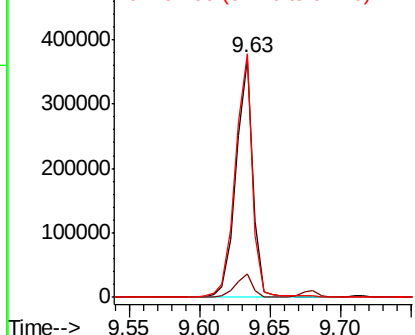
#53
3-Nitroaniline
Concen: 31.725 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:138 Resp: 307462
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 102.1 82.4 123.6

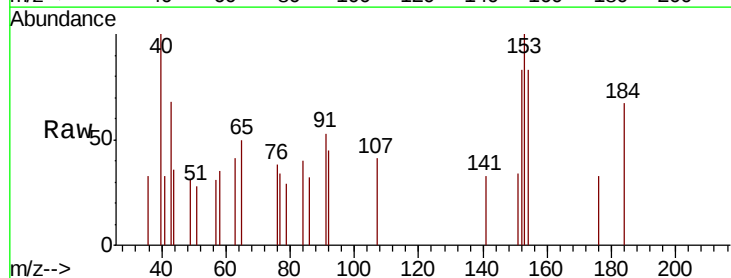


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

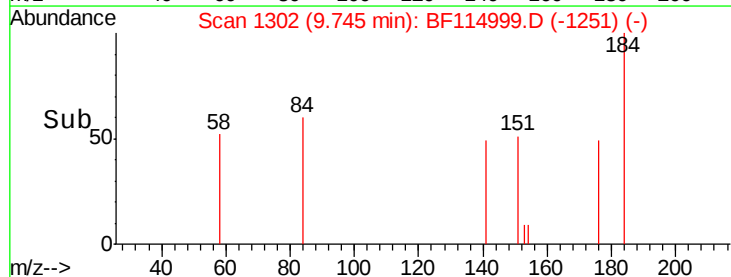
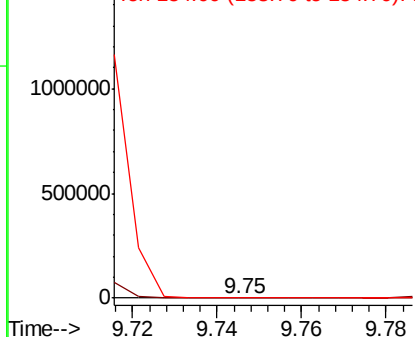


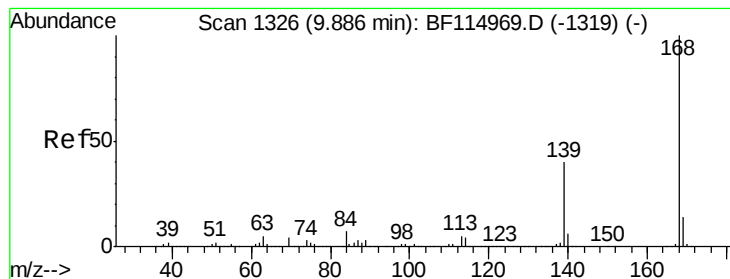
#54
2,4-Dinitrophenol
Concen: 0.154 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:184 Resp: 590
Ion Ratio Lower Upper
184 100
63 61.0 40.5 60.7#
154 124.3 44.8 67.2#



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

Dibenzenofuran

Concen: 41.526 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

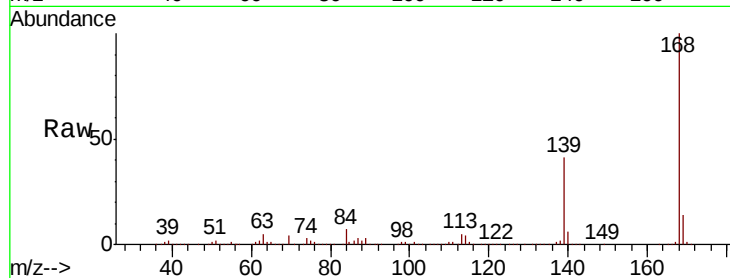
Tot Ion:168 Resp: 1654186

Ion Ratio Lower Upper

168 100

139 40.7 32.5 48.7

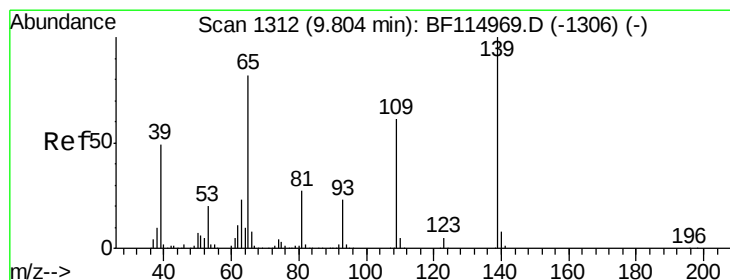
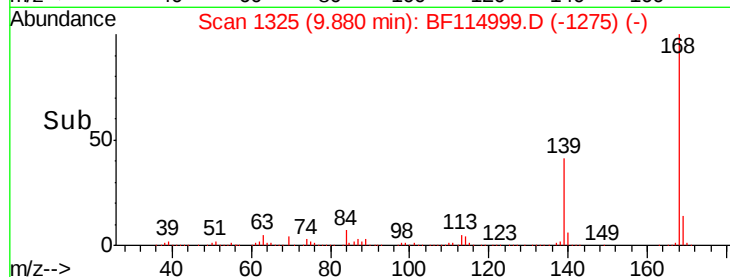
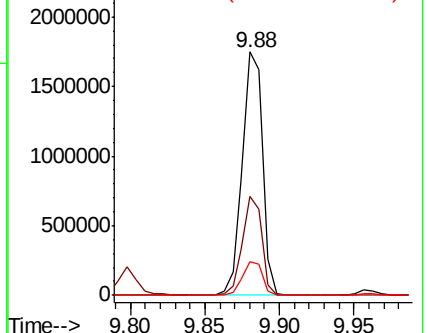
169 14.1 11.5 17.3



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: 26.754 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

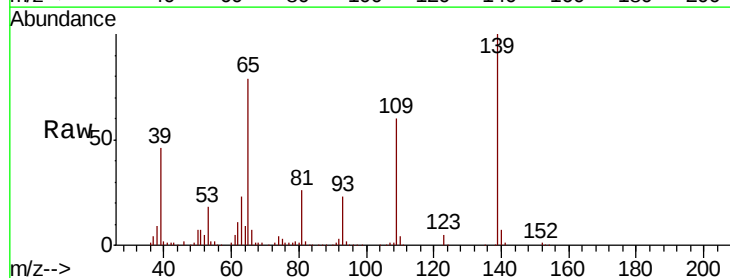
Tgt Ion:139 Resp: 178803

Ion Ratio Lower Upper

139 100

109 60.0 41.4 81.4

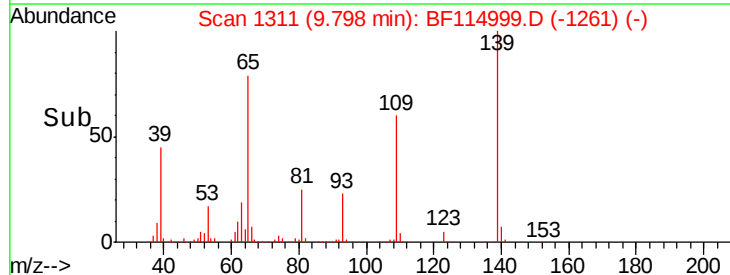
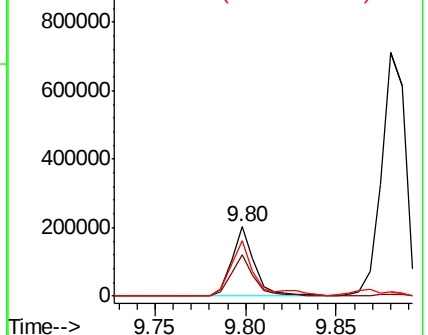
65 79.0 62.7 102.7

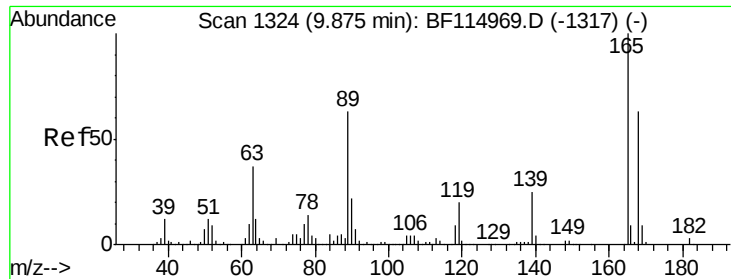


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

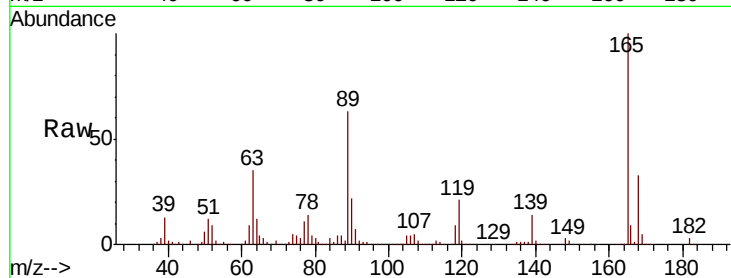




#57
2,4-Dinitrotoluene
Concen: 41.507 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.3	29.4	44.2
89	63.3	50.6	75.8
182	2.8	2.2	3.2



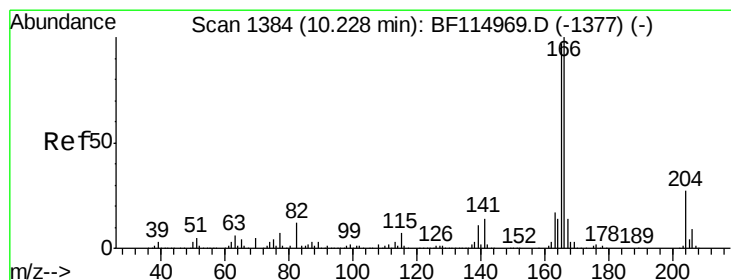
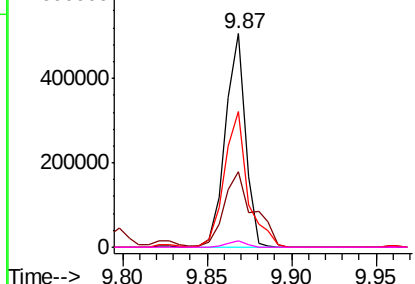
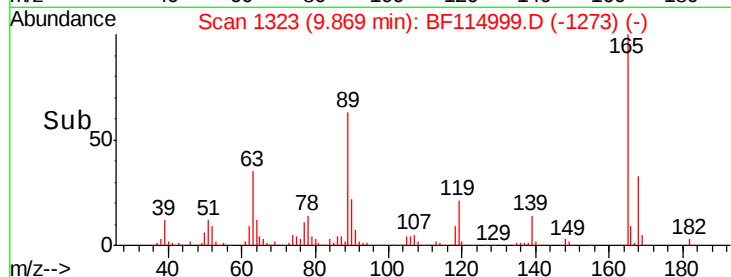
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

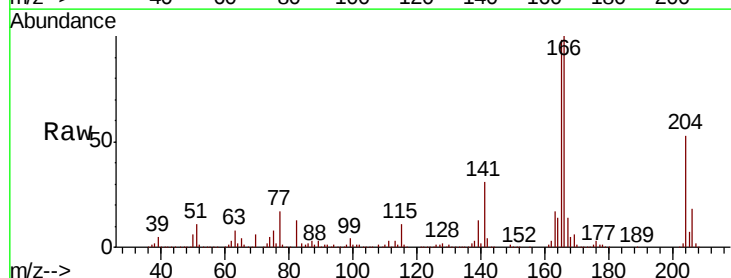
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.600 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.6	116.4
167	14.1	11.0	16.4

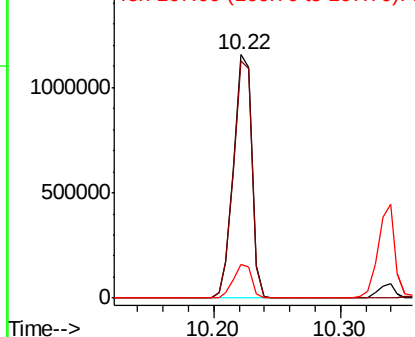
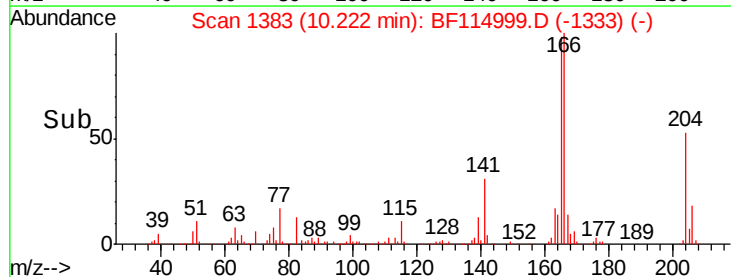


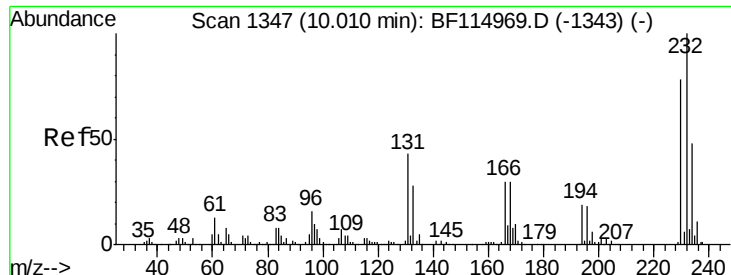
Abundance

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

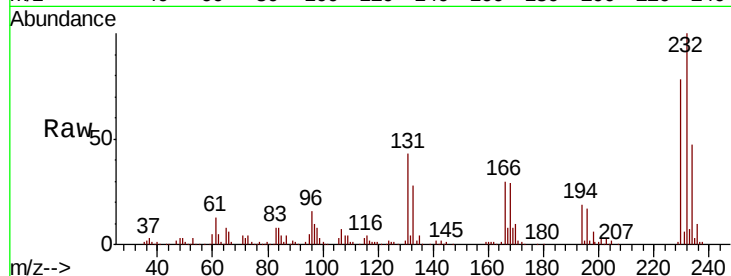




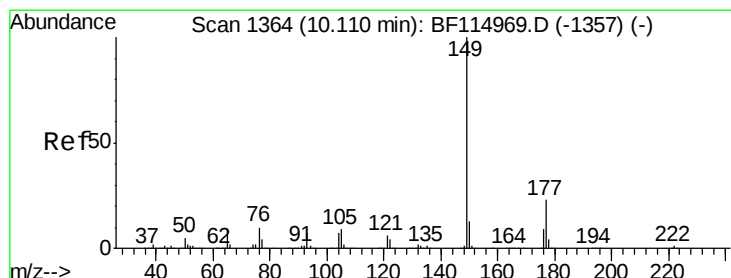
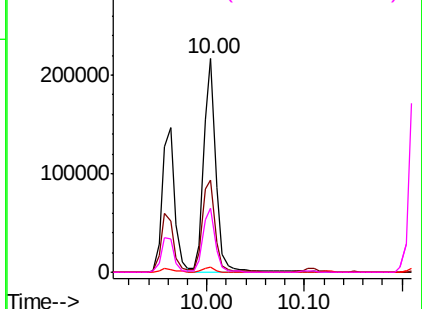
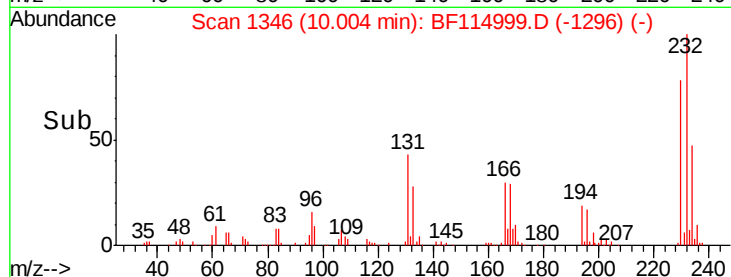
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.401 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion:232 Resp: 187104
 Ion Ratio Lower Upper
 232 100
 131 45.7 36.9 55.3
 130 2.2 1.8 2.6
 166 30.8 24.8 37.2

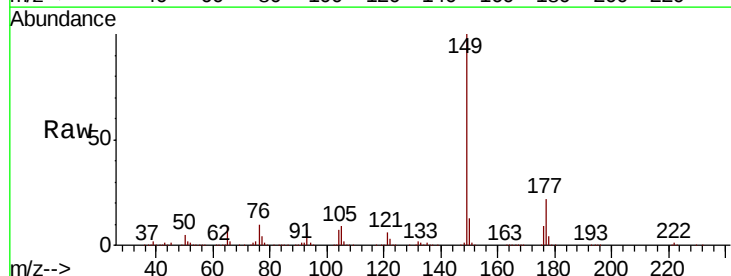


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

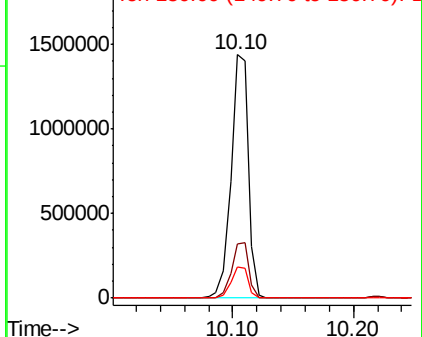
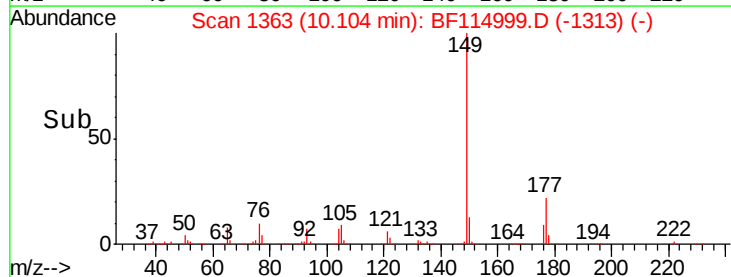


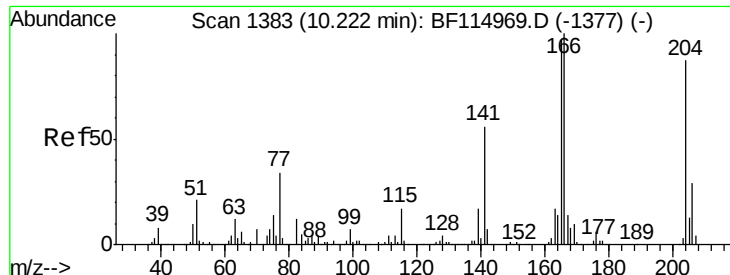
#60
 Diethylphthalate
 Concen: 43.137 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:149 Resp: 1438278
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.6 27.8
 150 13.0 10.5 15.7



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

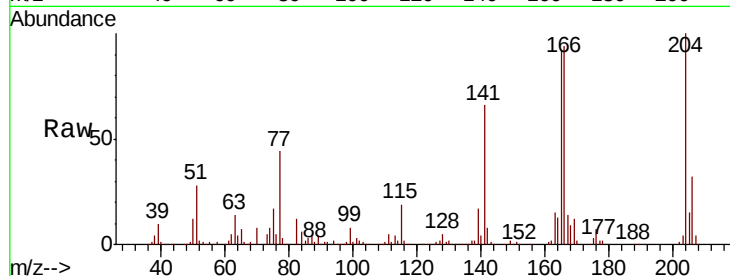




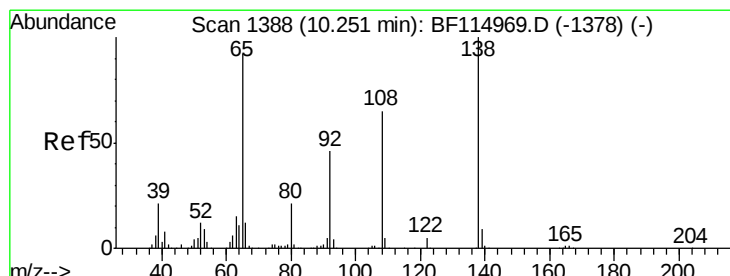
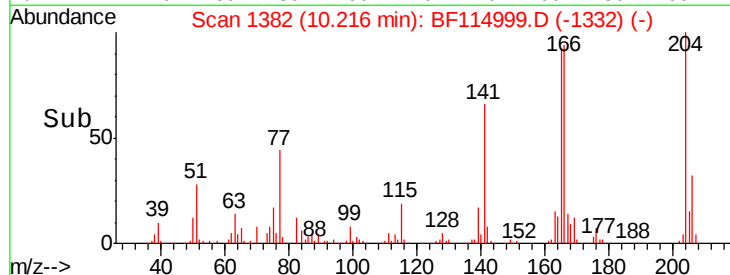
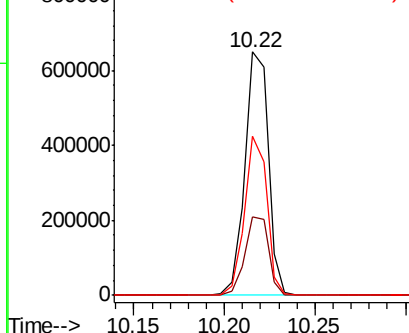
#61
 4-Chlorophenyl-phenylether
 Concen: 44.067 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion:204 Resp: 581983
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.5 39.7
 141 65.5 51.8 77.8

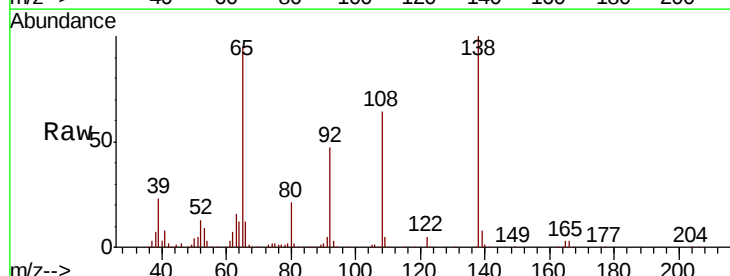


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

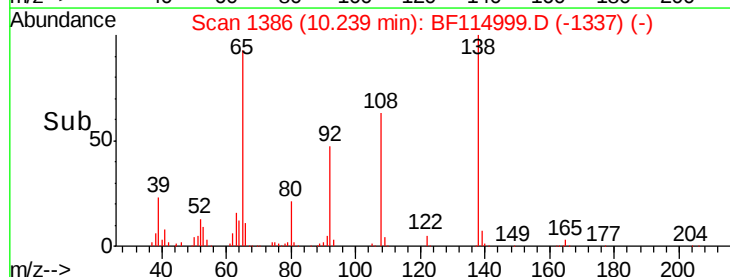
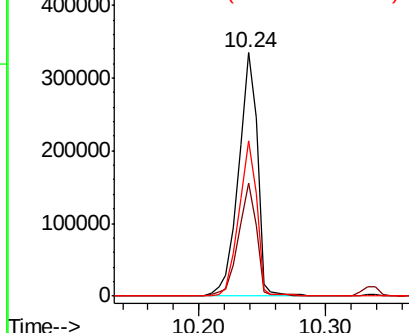


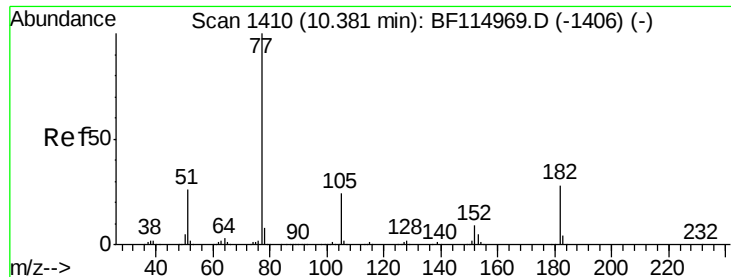
#62
 4-Nitroaniline
 Concen: 34.965 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:138 Resp: 340707
 Ion Ratio Lower Upper
 138 100
 92 46.6 25.7 65.7
 108 63.8 44.6 84.6



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: 41.256 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

Tot Ion: 77 Resp: 1203410

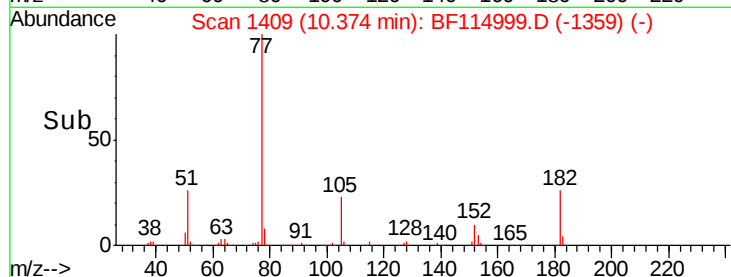
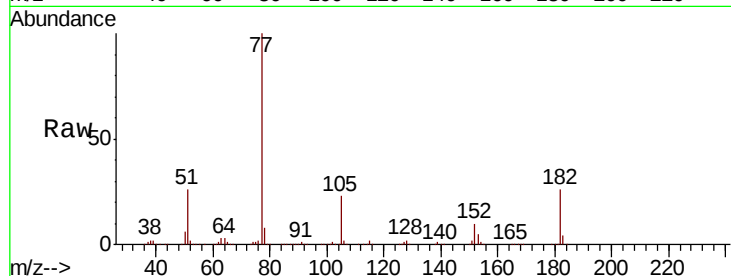
Ion Ratio Lower Upper

77 100

182 26.4 7.4 47.4

105 23.3 4.2 44.2

51 26.2 6.2 46.2

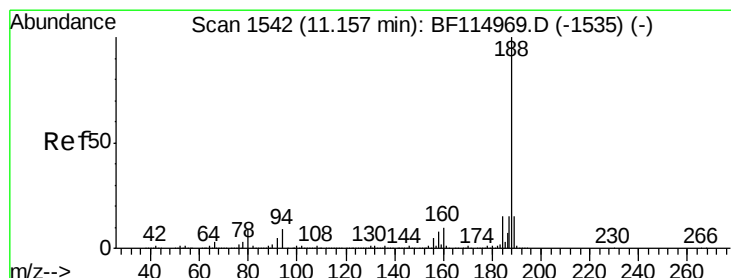
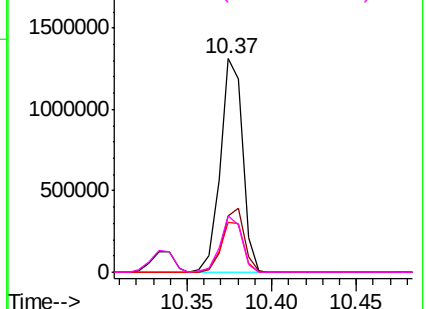


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

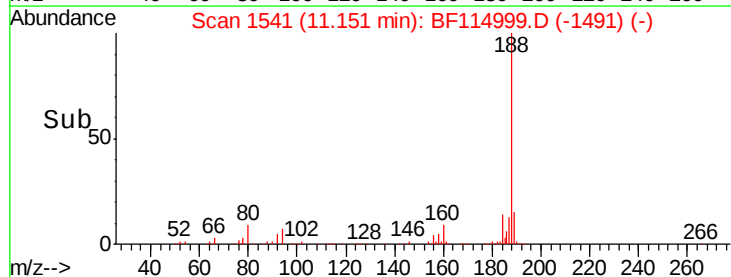
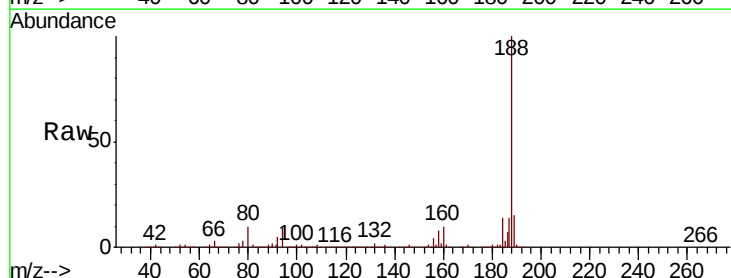
Tgt Ion: 188 Resp: 734894

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

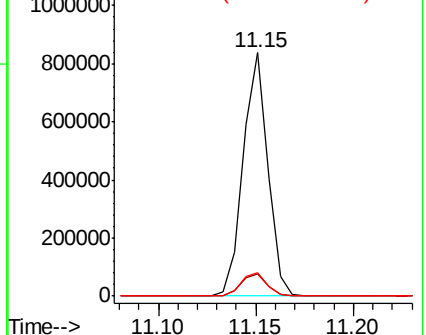
80 9.6 7.4 11.2

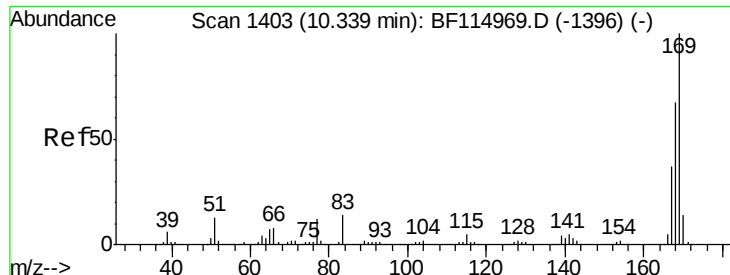


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

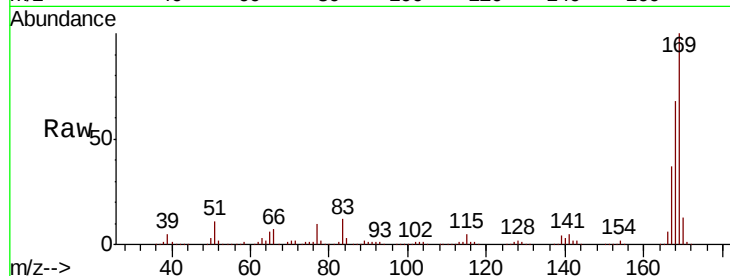




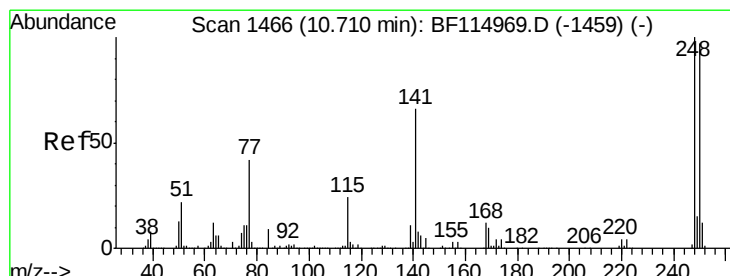
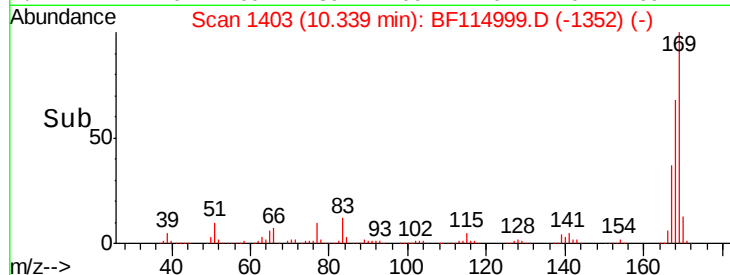
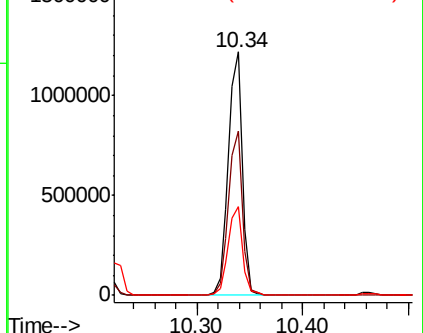
#66
n-Nitrosodiphenylamine
Concen: 50.899 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:169 Resp: 1118119
Ion Ratio Lower Upper
169 100
168 67.7 53.6 80.4
167 36.7 29.6 44.4

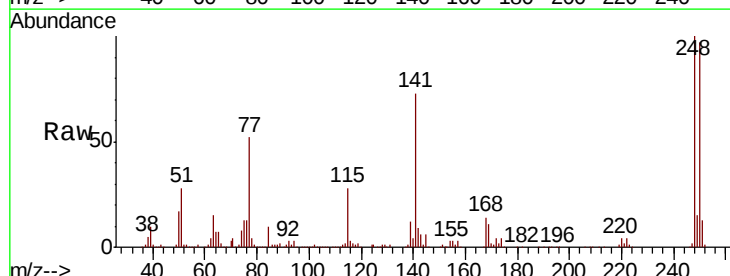


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

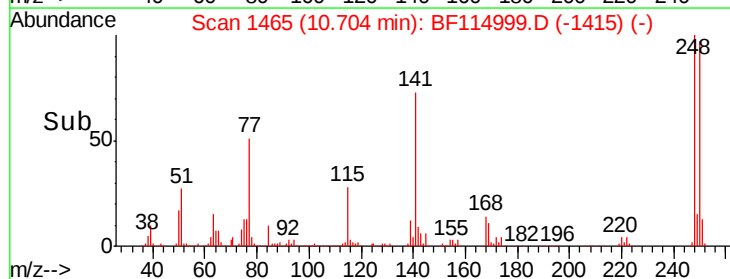
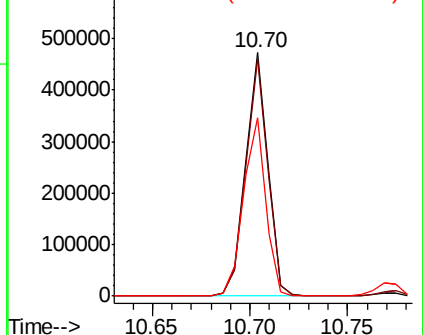


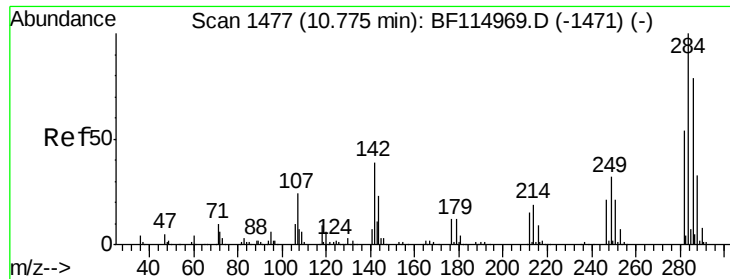
#67
4-Bromophenyl-phenylether
Concen: 47.400 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:248 Resp: 374012
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 73.3 53.1 79.7



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





#68

Hexachlorobenzene

Concen: 43.454 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

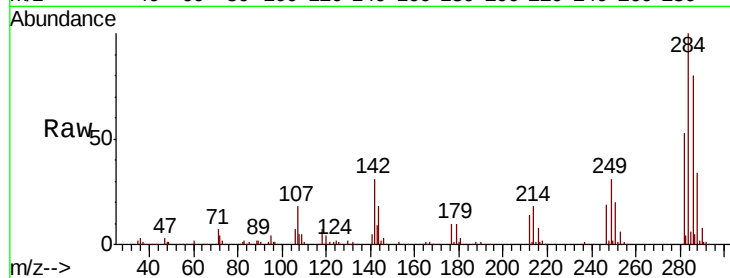
Tot Ion:284 Resp: 377488

Ion Ratio Lower Upper

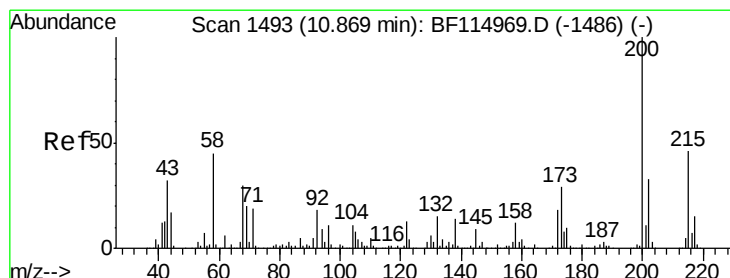
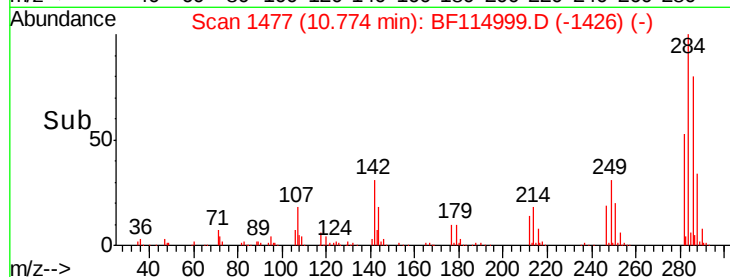
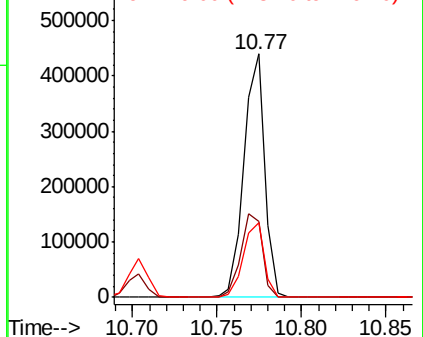
284 100

142 31.1 31.5 47.3#

249 30.9 25.6 38.4



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: 49.668 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

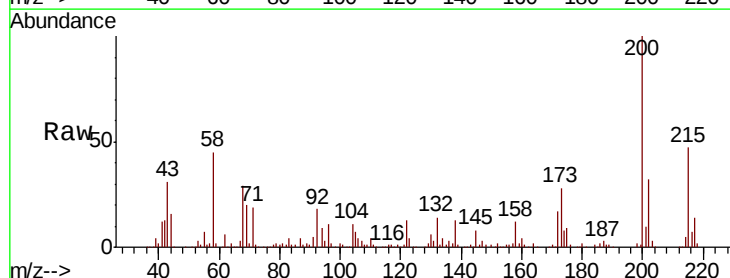
Tgt Ion:200 Resp: 351779

Ion Ratio Lower Upper

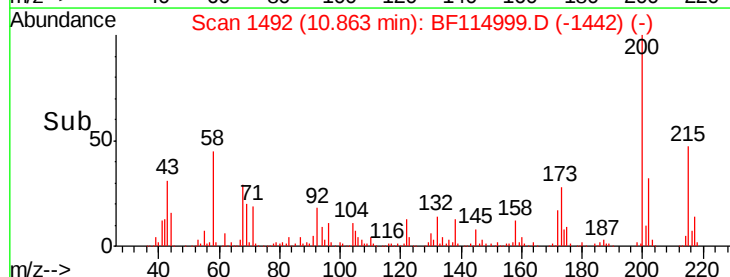
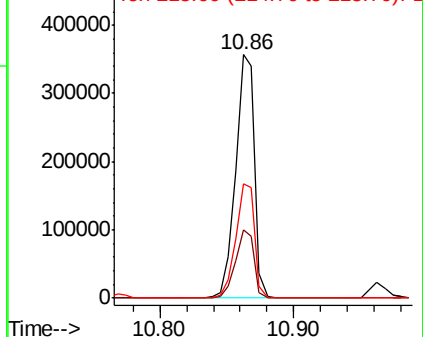
200 100

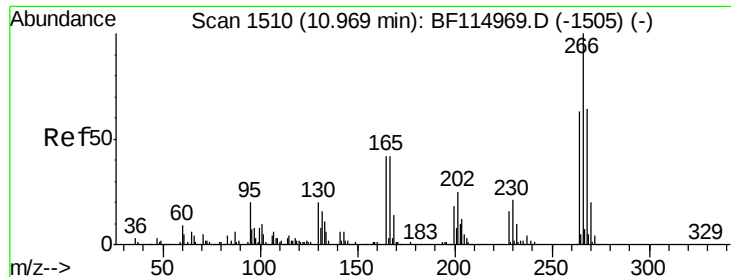
173 27.9 9.0 49.0

215 46.8 26.5 66.5



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

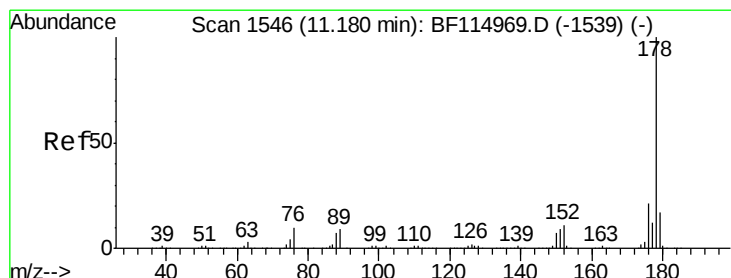
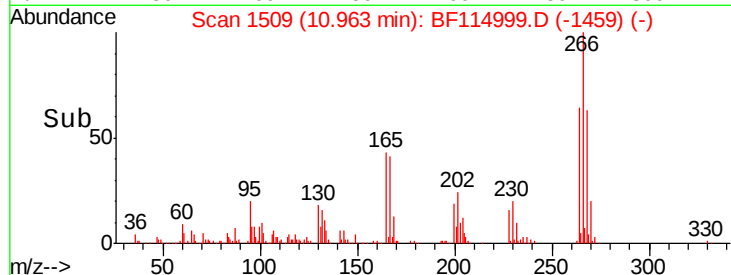
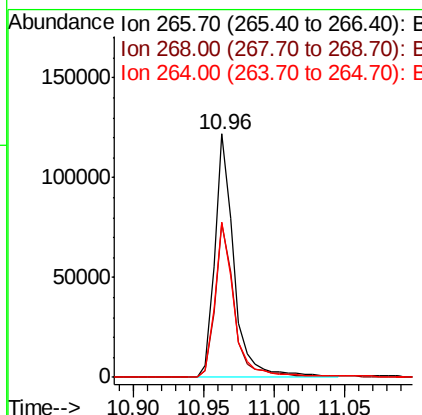
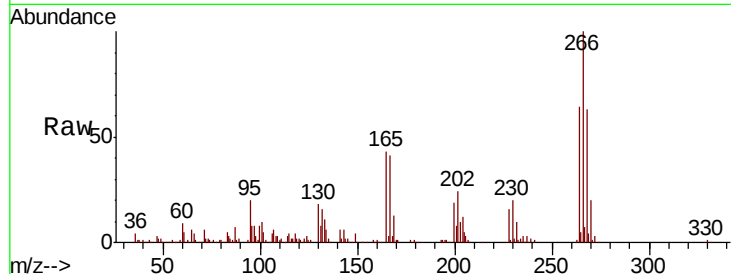




#70
 Pentachlorophenol
 Concen: 24.569 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

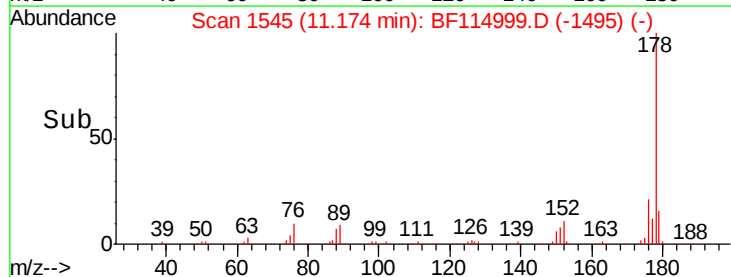
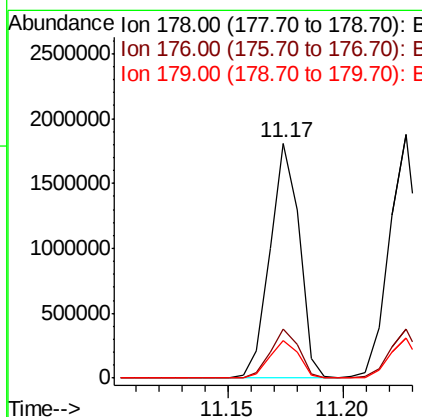
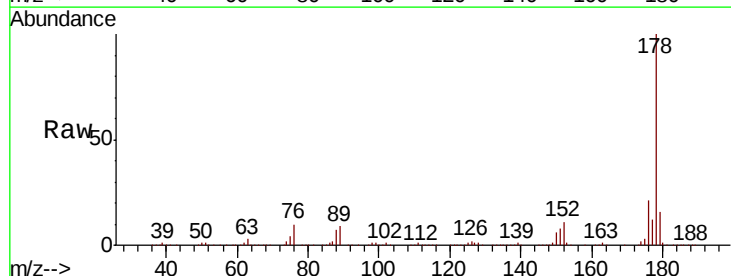
Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

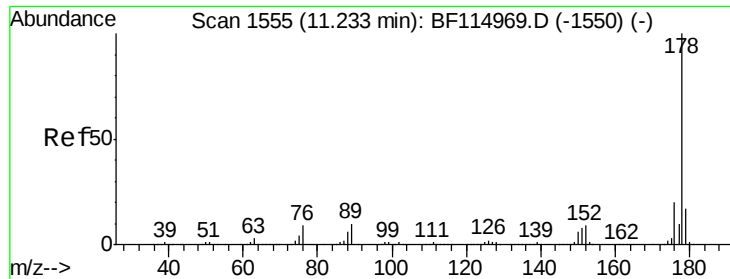
Tot Ion:266 Resp: 115909
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.4 77.2
 264 63.7 50.3 75.5



#71
 Phenanthrene
 Concen: 42.017 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:178 Resp: 1594294
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.9 25.3
 179 16.2 13.4 20.0

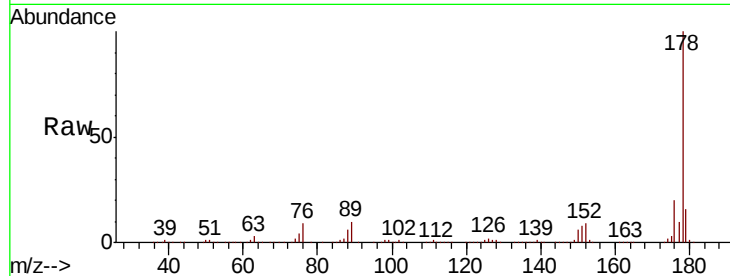




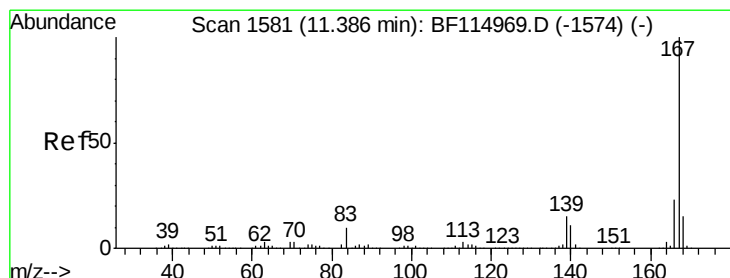
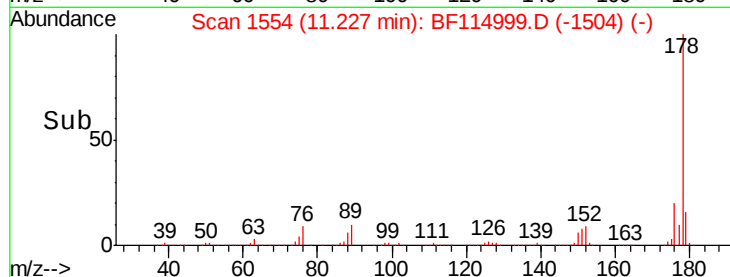
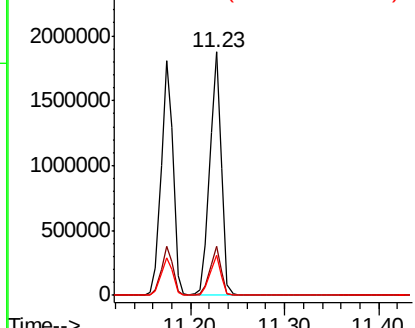
#72
 Anthracene
 Concen: 43.045 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion:178 Resp: 1647708
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 16.3 13.2 19.8

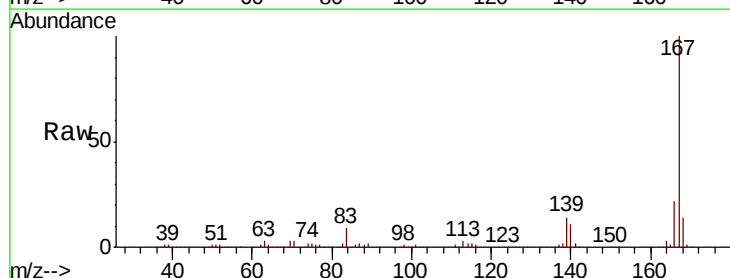


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

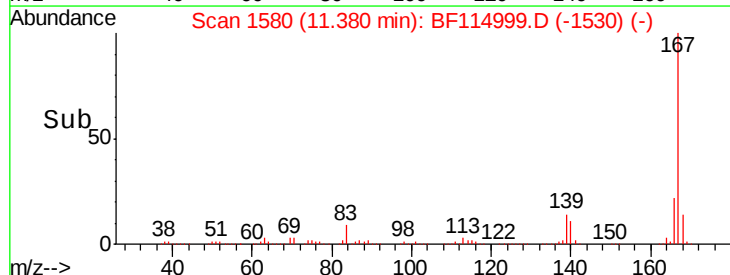
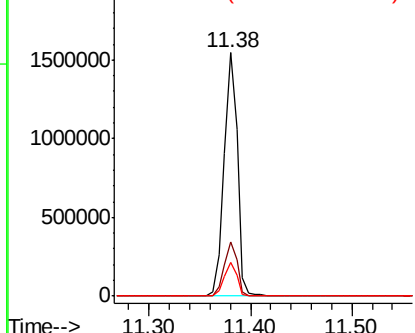


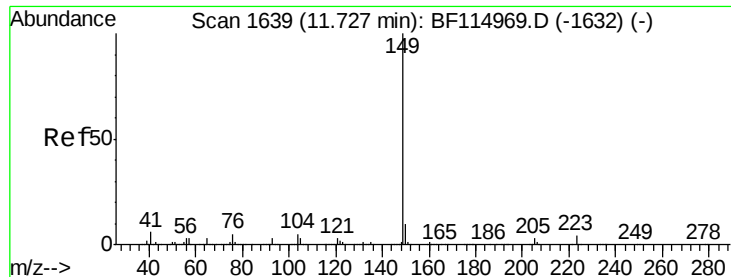
#73
 Carbazole
 Concen: 42.174 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:167 Resp: 1409080
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.5 27.7
 139 14.1 12.0 18.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 43.727 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

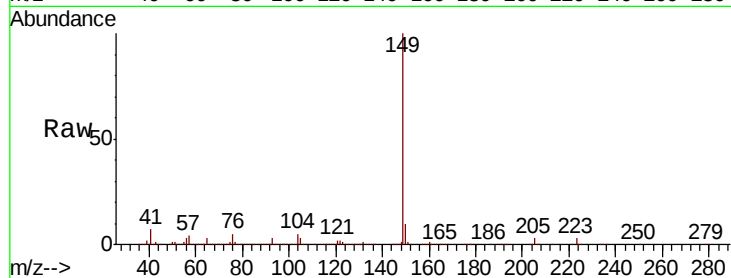
Tot Ion:149 Resp: 1841824

Ion Ratio Lower Upper

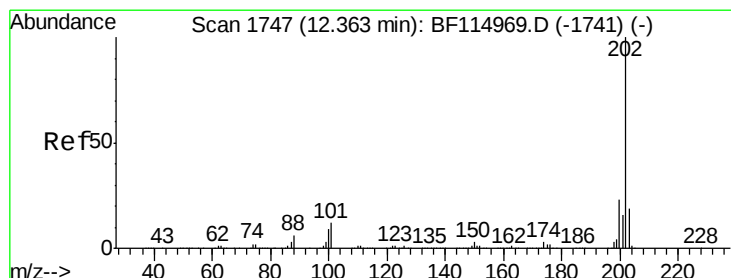
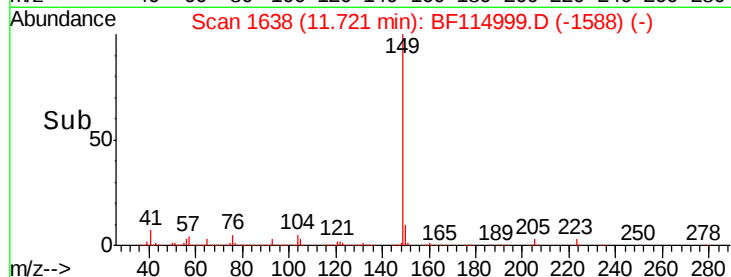
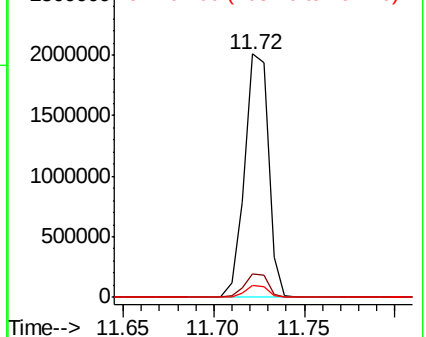
149 100

150 9.8 8.1 12.1

104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 36.164 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

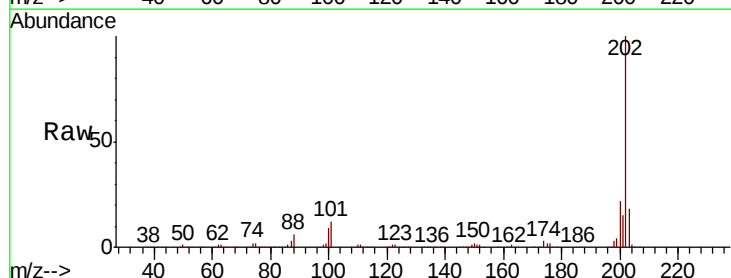
Tgt Ion:202 Resp: 1403128

Ion Ratio Lower Upper

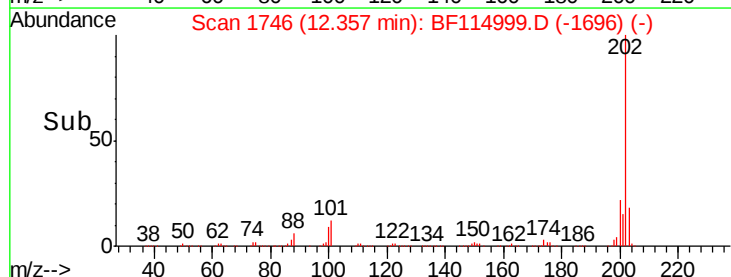
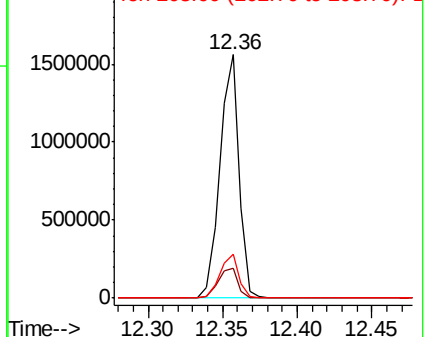
202 100

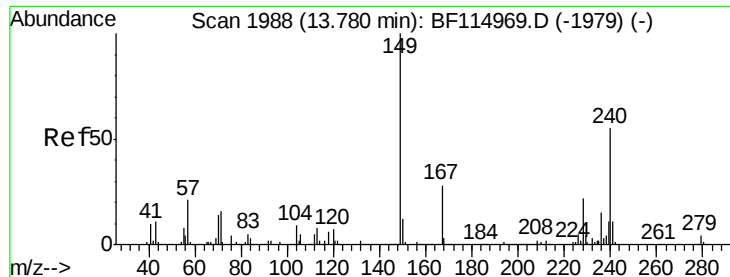
101 12.1 0.0 32.4

203 18.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

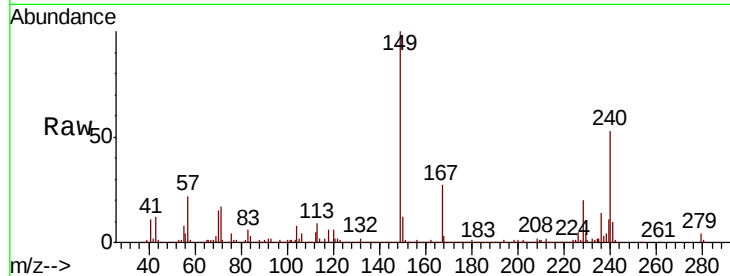




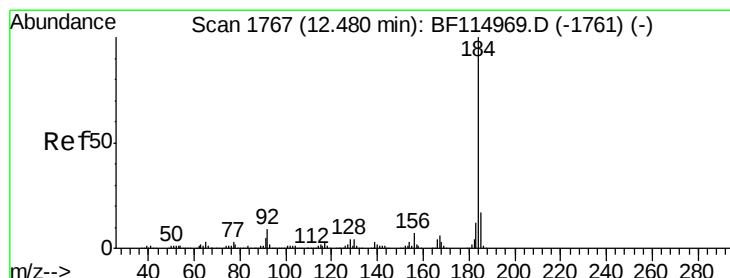
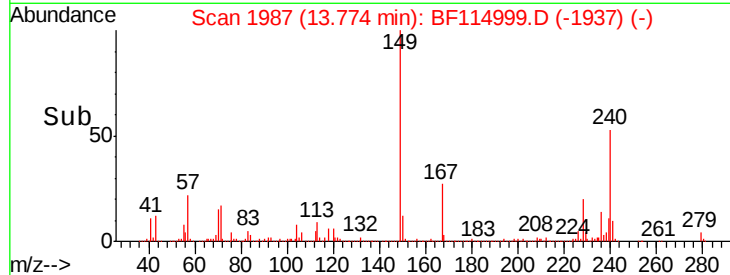
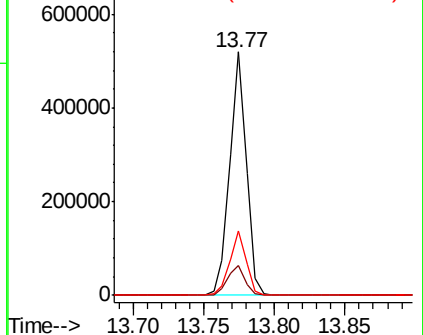
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:240 Resp: 428287
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 26.2 21.6 32.4

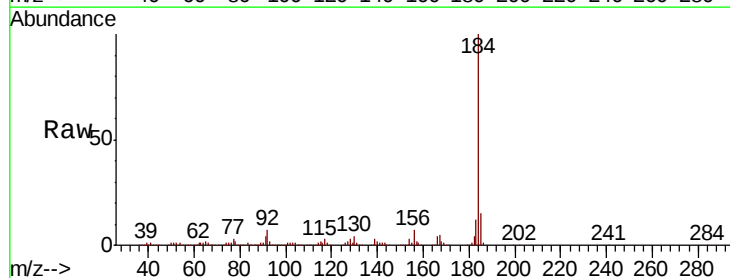


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

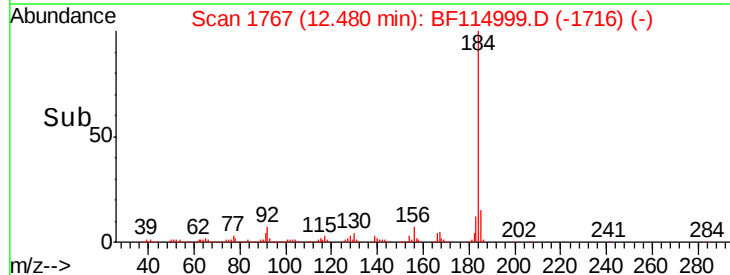
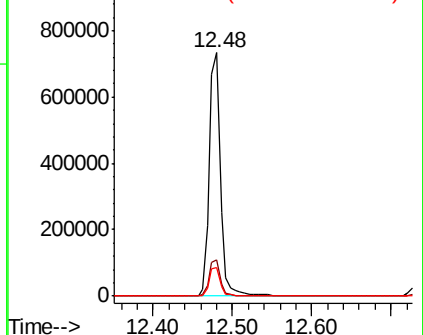


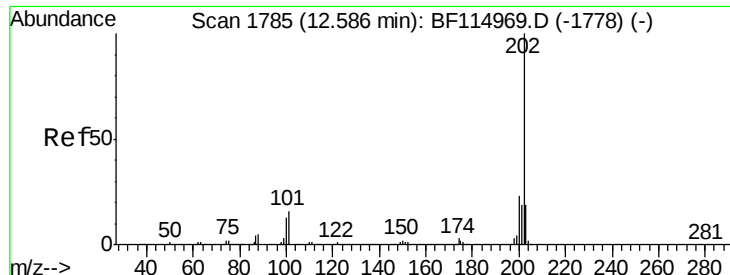
#77
Benzidine
Concen: 41.985 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:184 Resp: 727316
Ion Ratio Lower Upper
184 100
185 14.7 13.4 20.0
183 11.6 9.8 14.6



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

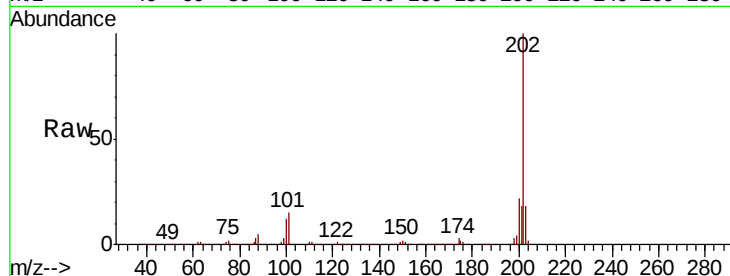




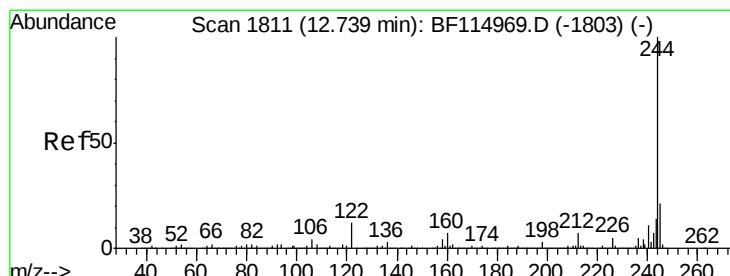
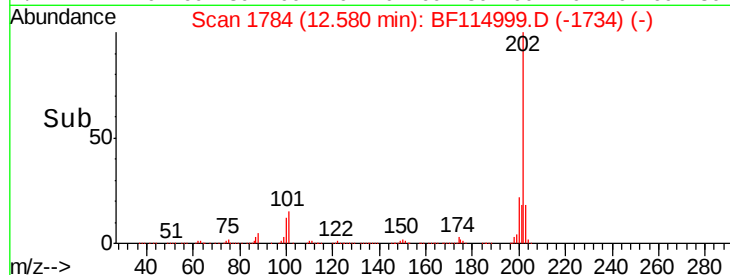
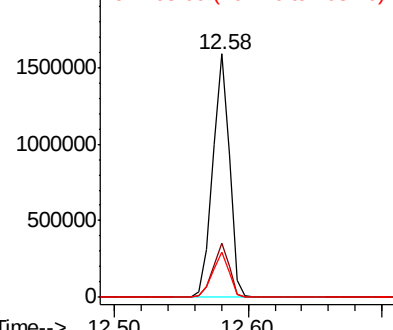
#78
Pvrene
Concen: 36.200 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:202 Resp: 1412397
Ion Ratio Lower Upper
202 100
200 22.1 18.4 27.6
203 18.3 14.9 22.3

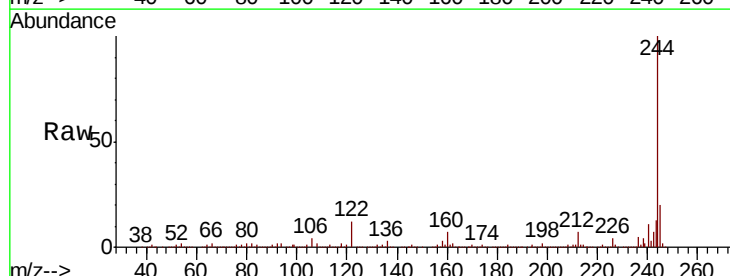


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

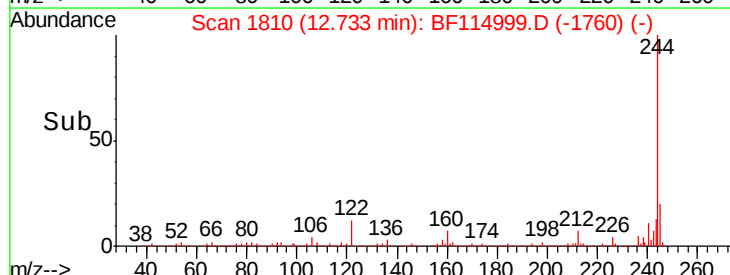
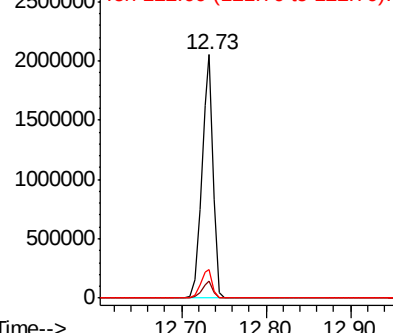


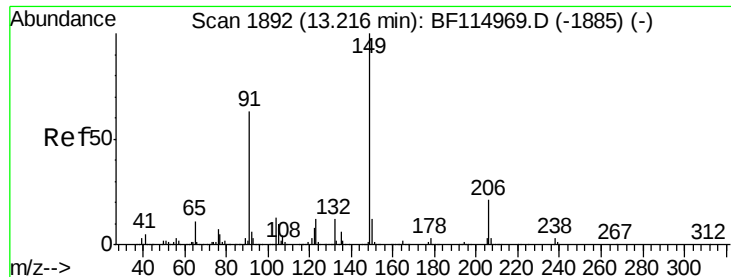
#79
Terphenyl-d14
Concen: 85.354 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:244 Resp: 1943559
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.8 9.4 14.0



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

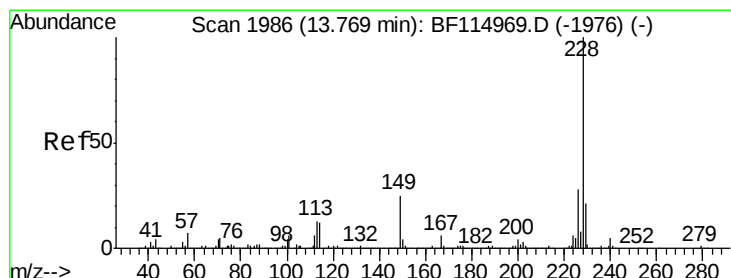
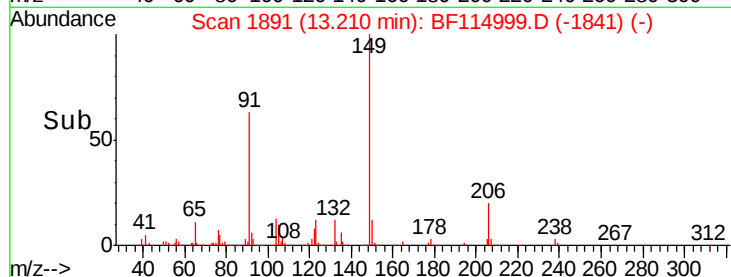
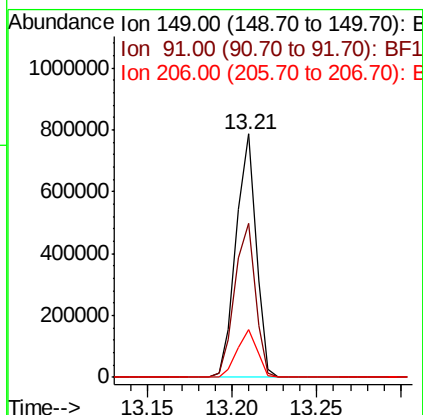
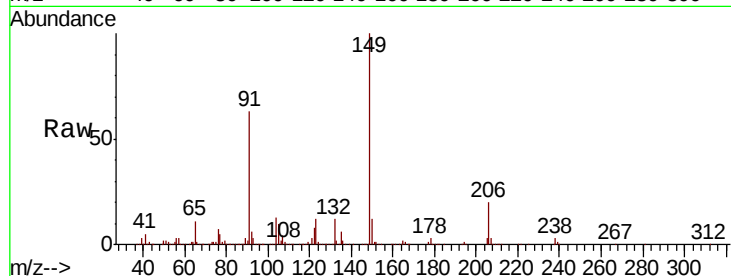




#80
Butylbenzylphthalate
Concen: 35.726 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

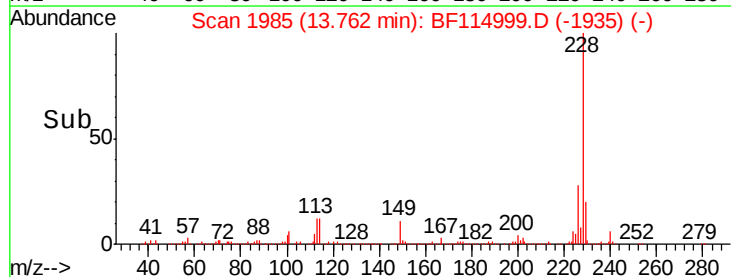
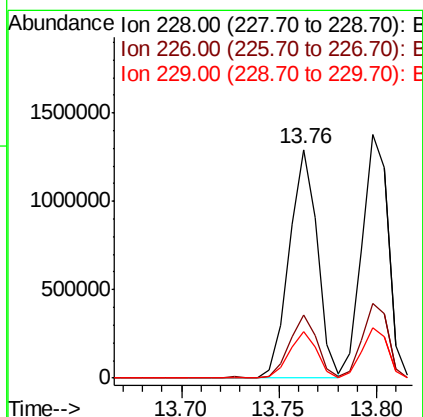
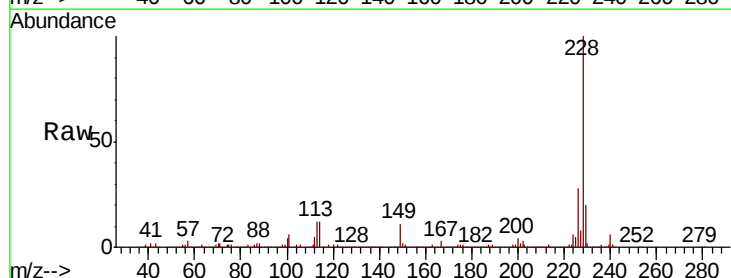
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

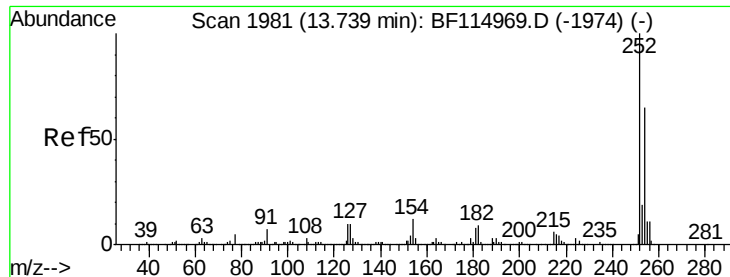
Tot Ion:149 Resp: 651063
Ion Ratio Lower Upper
149 100
91 63.5 50.6 76.0
206 19.6 16.7 25.1



#81
Benzo(a)anthracene
Concen: 40.053 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:228 Resp: 1283676
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.5 16.6 25.0

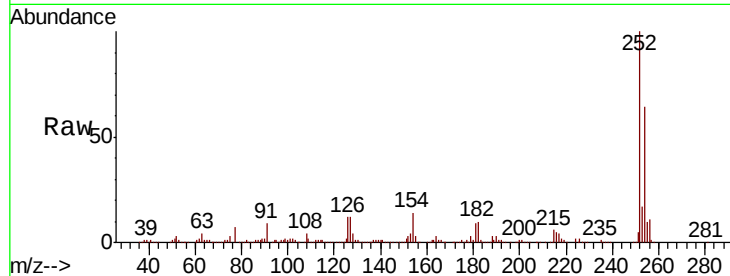




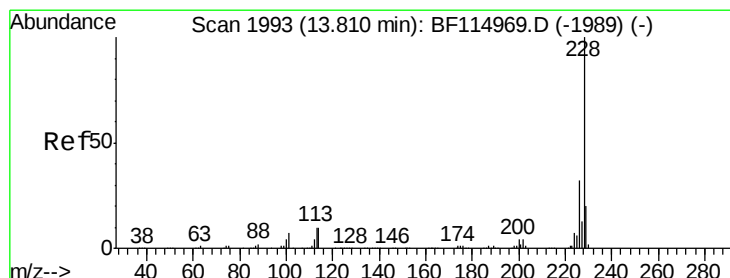
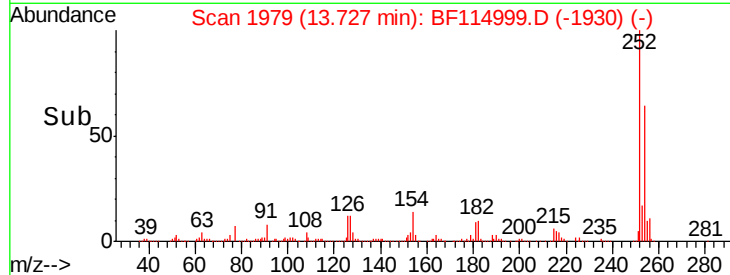
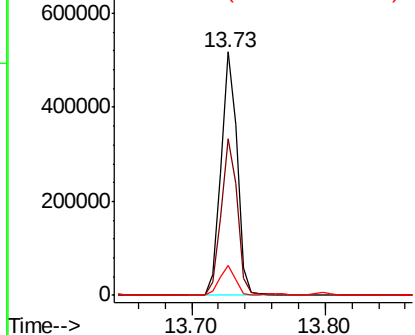
#82
 3,3'-Dichlorobenzidine
 Concen: 36.412 ng
 RT: 13.73 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion:252 Resp: 447411
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.2 78.4
 126 12.2 8.0 12.0#

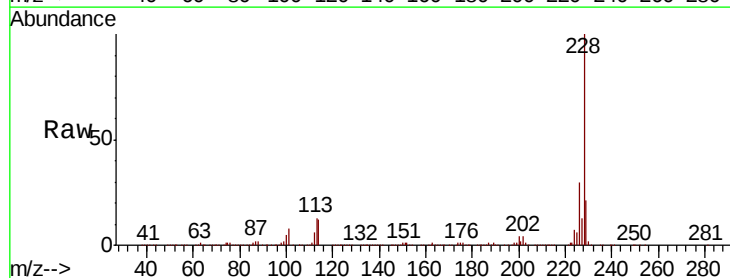


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

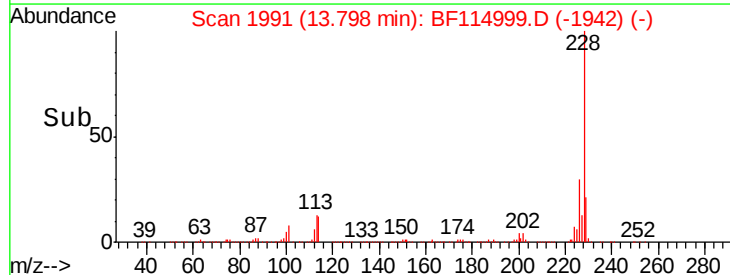
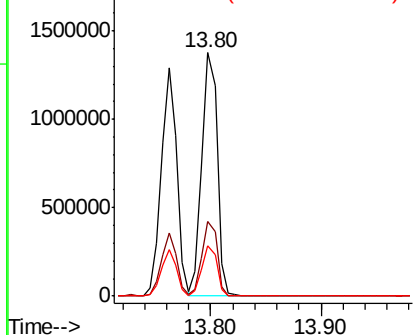


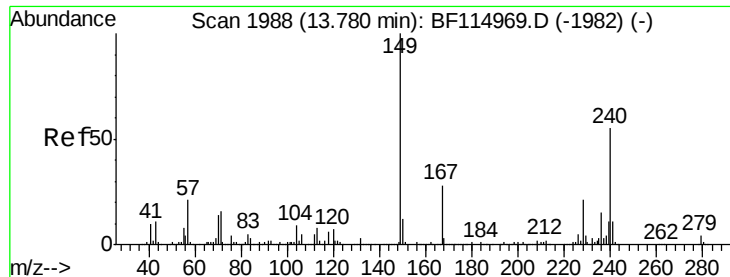
#83
 Chrysene
 Concen: 40.488 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:228 Resp: 1290382
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.0
 229 20.6 16.4 24.6



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: 38.465 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

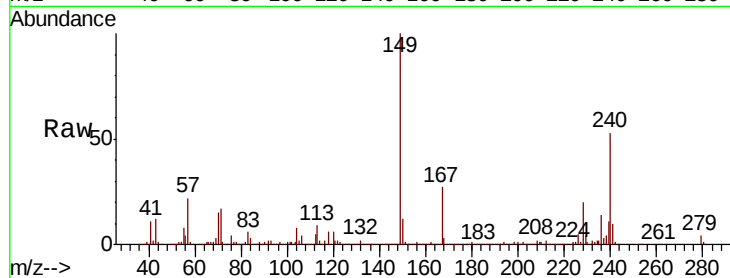
Tot Ion:149 Resp: 828482

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

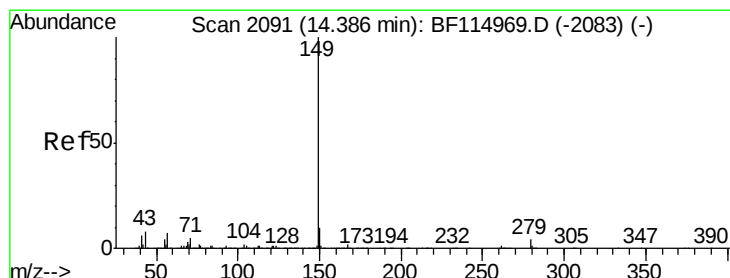
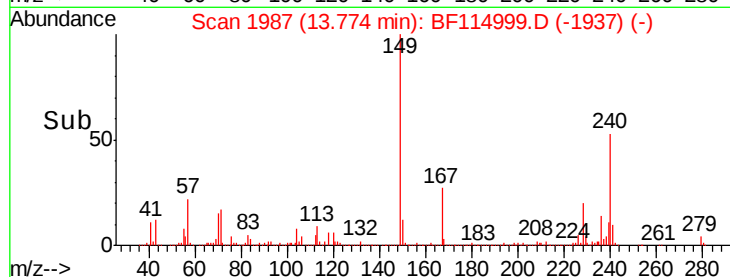
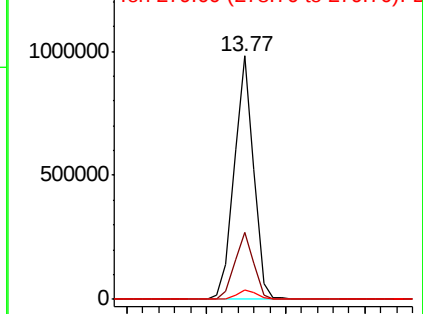
279 3.7 3.4 5.0



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: 40.926 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

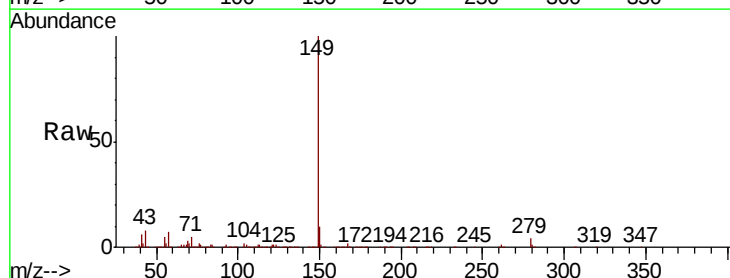
Tgt Ion:149 Resp: 1517942

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

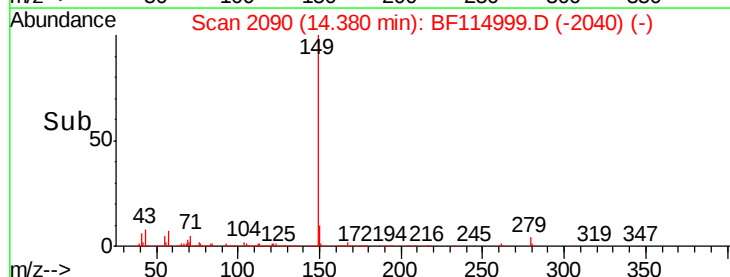
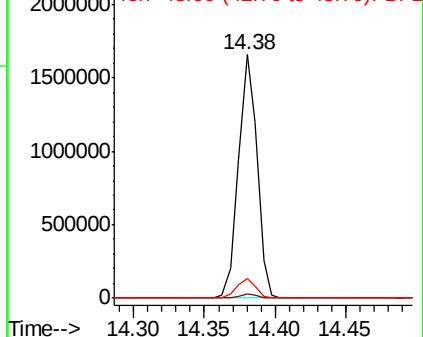
43 7.9 6.5 9.7

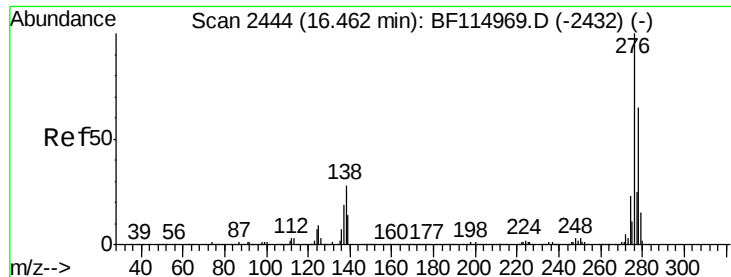


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

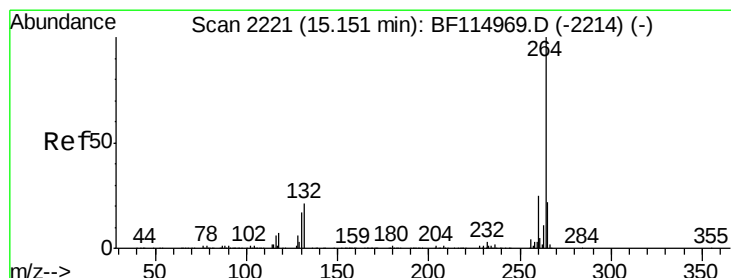
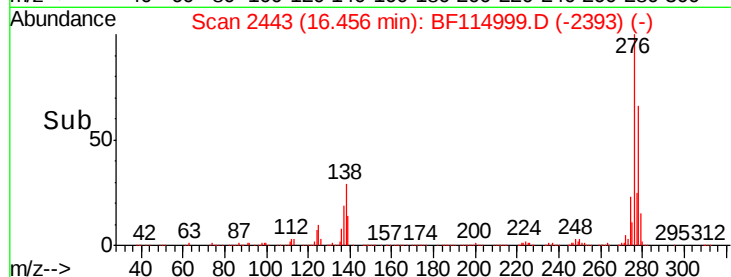
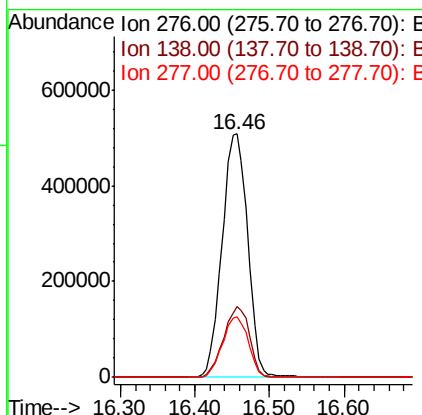
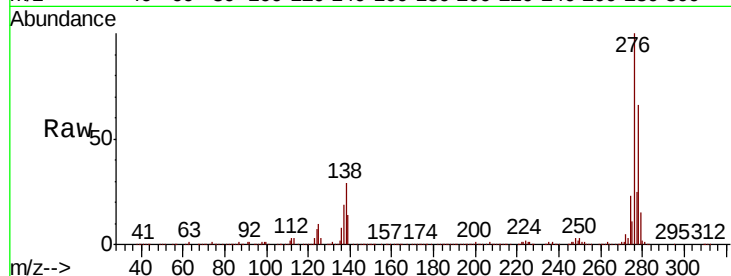




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.423 ng
 RT: 16.46 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

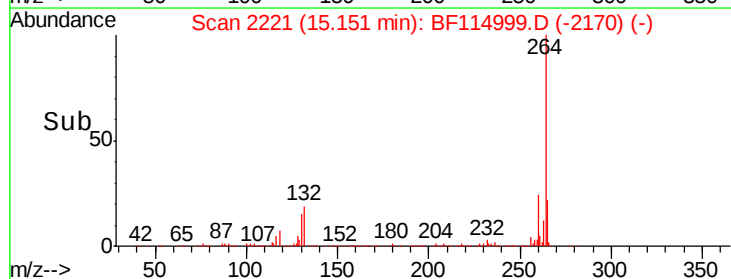
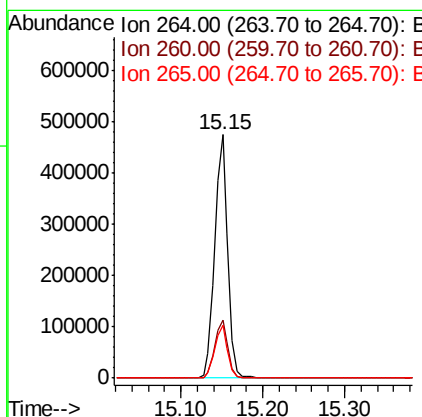
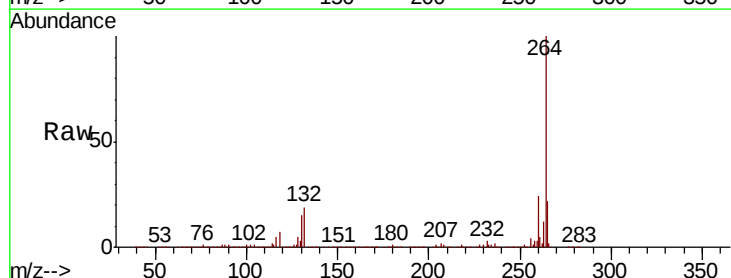
Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

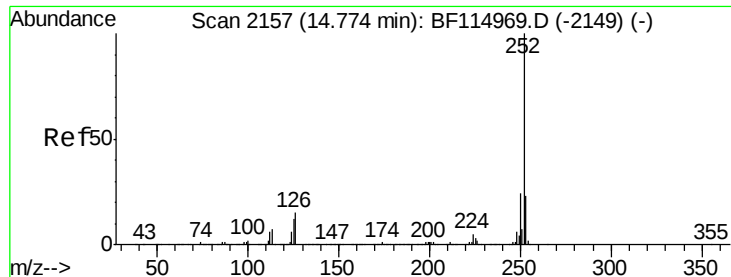
Tot Ion:276 Resp: 1215633
 Ion Ratio Lower Upper
 276 100
 138 29.3 23.0 34.4
 277 25.1 20.6 30.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.15 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:264 Resp: 523922
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 21.9 17.6 26.4

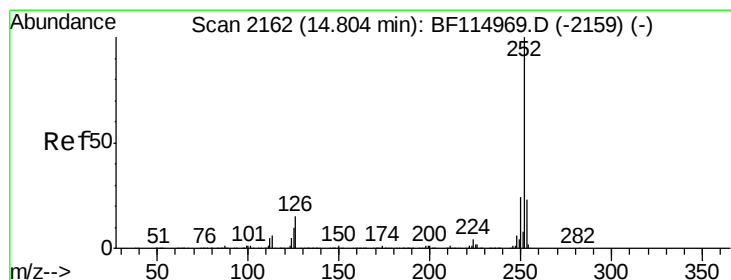
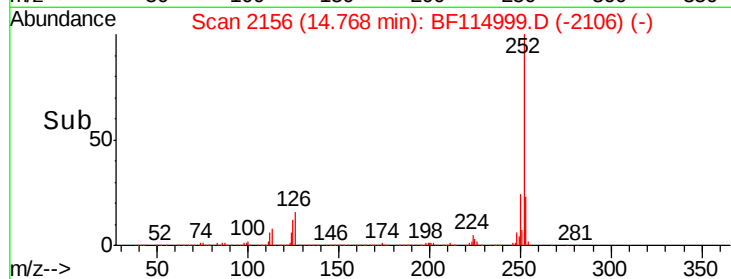
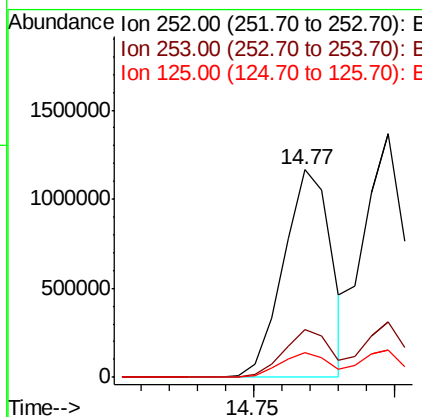
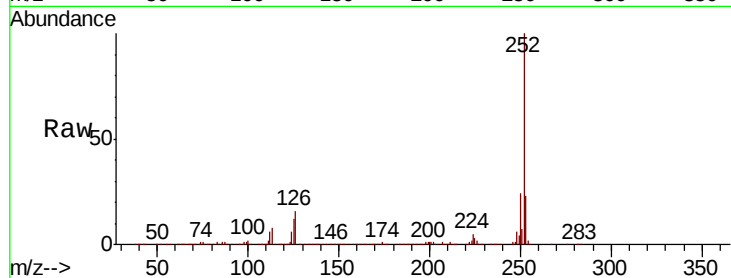




#88
Benzo(b)fluoranthene
Concen: 39.266 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

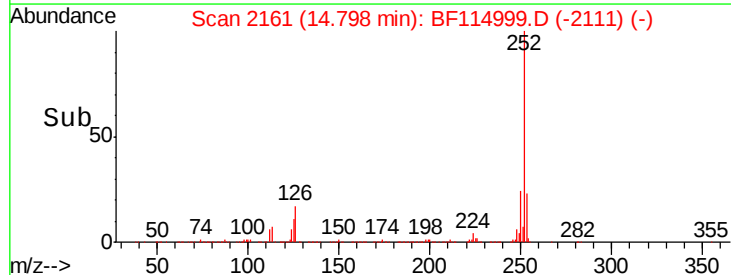
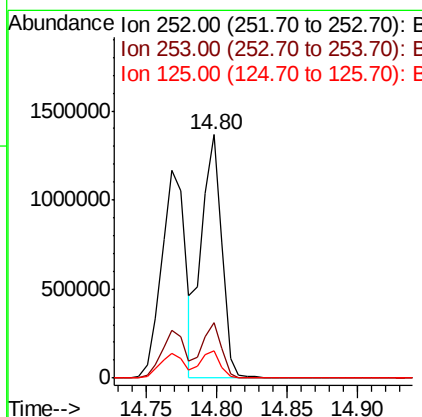
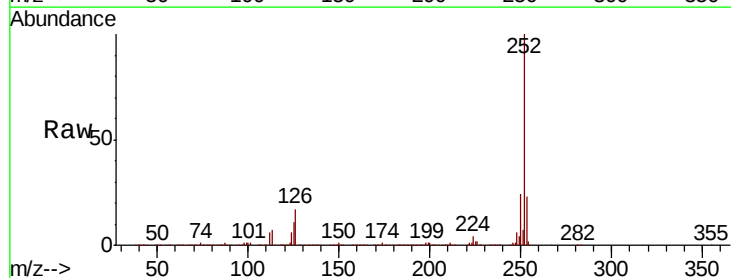
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

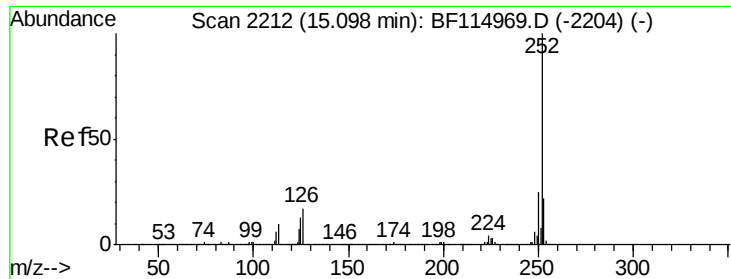
Tot Ion:252 Resp: 1367583
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 12.1 9.4 14.0



#89
Benzo(k)fluoranthene
Concen: 44.241 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:252 Resp: 1352444
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 11.3 8.2 12.4

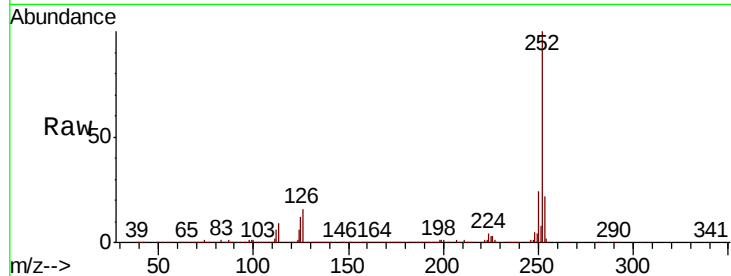




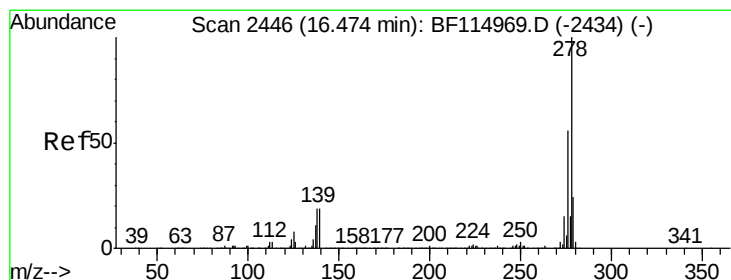
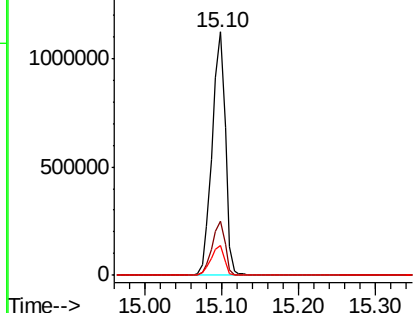
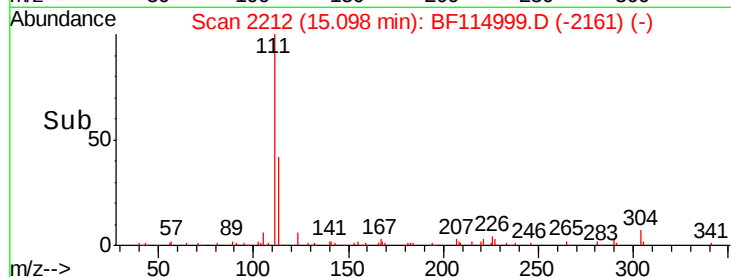
#90
Benzo(a)pyrene
Concen: 43.622 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:252 Resp: 1311000
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.3 10.7 16.1

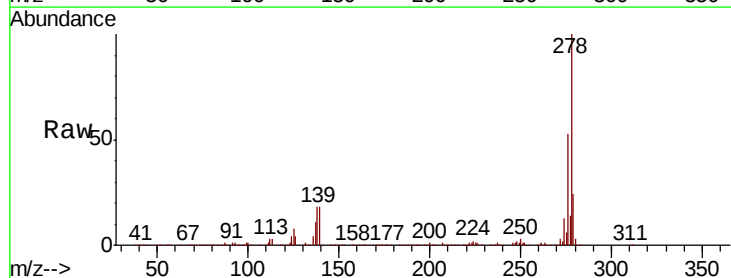


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

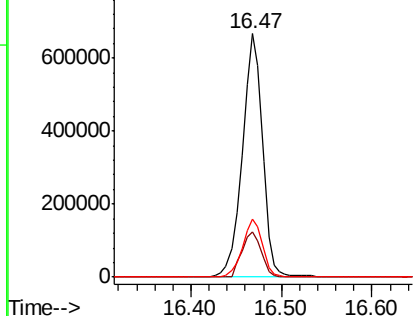
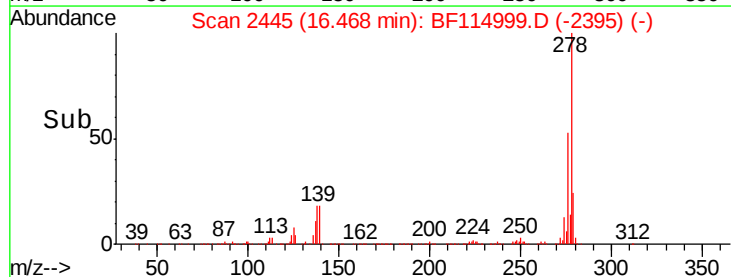


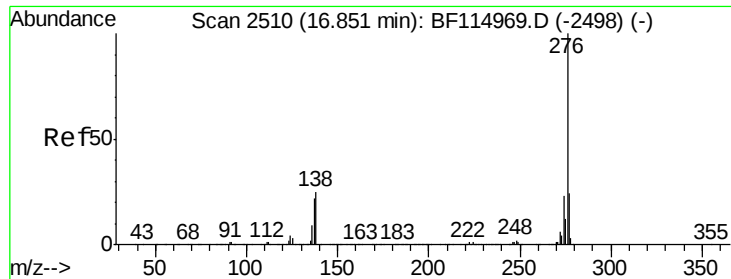
#91
Dibenzo(a,h)anthracene
Concen: 39.858 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:278 Resp: 1031587
Ion Ratio Lower Upper
278 100
139 18.5 15.3 22.9
279 24.0 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
800000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

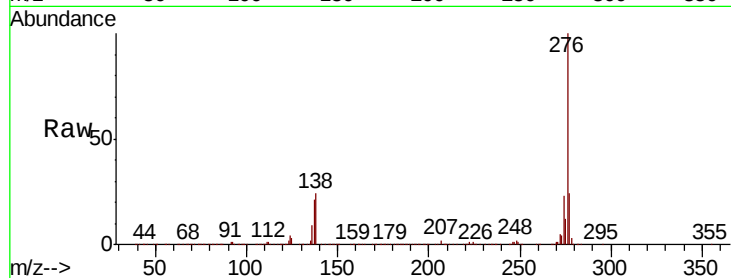




#92
 Benzo(a,h,i)perylene
 Concen: 37.097 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	24.2	20.2	30.4



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

