

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113813.D
 Acq On : 18 Apr 2019 10:01
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:57:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179990	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	716179	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	365478	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	703219	20.00	ng	0.00
76) Chrysene-d12	14.04	240	522589	20.00	ng	0.00
87) Perylene-d12	15.51	264	415581	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1262721	119.63	ng	0.00
7) Phenol-d6	6.52	99	1586962	121.99	ng	0.00
23) Nitrobenzene-d5	7.46	82	1433512	117.24	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	487232	110.98	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2504669	110.33	ng	0.00
79) Terphenyl-d14	13.00	244	2878425	112.14	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.70	88	326828	65.376 ng	98
3) Pyridine	3.45	79	892404	68.212 ng	99
4) n-Nitrosodimethylamine	3.41	42	311854	56.102 ng	98
6) Aniline	6.56	93	1144997	72.611 ng	98
8) 2-Chlorophenol	6.69	128	720513	59.000 ng	98
9) Benzaldehyde	6.45	77	402305	52.009 ng	96
10) Phenol	6.54	94	983427	66.188 ng	99
11) bis(2-Chloroethyl)ether	6.63	93	726569	62.864 ng	100
12) 1,3-Dichlorobenzene	6.84	146	797476	60.638 ng	98
13) 1,4-Dichlorobenzene	6.92	146	793422	59.700 ng	99
14) 1,2-Dichlorobenzene	7.07	146	729428	60.805 ng	98
15) Benzyl Alcohol	7.03	79	656131	74.592 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	879031	48.862 ng	98
17) 2-Methylphenol	7.14	107	593115	62.670 ng	98
18) Hexachloroethane	7.42	117	289300	59.805 ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	532098	66.329 ng	98
20) 3+4-Methylphenols	7.30	107	695314	60.635 ng	94
22) Acetophenone	7.30	105	944090	60.020 ng	# 93
24) Nitrobenzene	7.48	77	804286	63.876 ng	98
25) Isophorone	7.72	82	1436919	61.008 ng	100
26) 2-Nitrophenol	7.79	139	342954	50.608 ng	96
27) 2,4-Dimethylphenol	7.83	122	585681	60.454 ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	909400	61.071 ng	99
29) 2,4-Dichlorophenol	8.03	162	637523	61.503 ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	698590	62.060 ng	99
31) Naphthalene	8.20	128	1939608	55.896 ng	99
32) Benzoic acid	7.96	122	337497	44.988 ng	98
33) 4-Chloroaniline	8.25	127	835334	60.710 ng	99
34) Hexachlorobutadiene	8.32	225	424066	61.792 ng	99
35) Caprolactam	8.63	113	206243	62.679 ng	96
36) 4-Chloro-3-methylphenol	8.72	107	623695	59.939 ng	99
37) 2-Methylnaphthalene	8.89	142	1302180	57.057 ng	99
38) 1-Methylnaphthalene	8.99	142	1260714	57.288 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	678893	57.436 ng	100

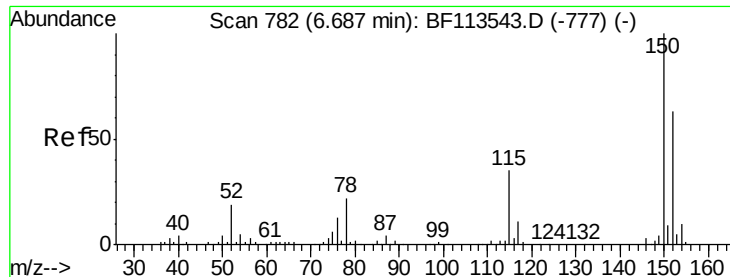
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113813.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	385195	109.703	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	451962	60.577	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	479881	59.910	ng	98
46) 1,1'-Biphenyl	9.36	154	1596429	52.934	ng	99
47) 2-Chloronaphthalene	9.38	162	1323432	57.958	ng	98
48) 2-Nitroaniline	9.47	65	374868	53.652	ng	94
49) Acenaphthylene	9.80	152	2037129	54.863	ng	99
50) Dimethylphthalate	9.66	163	1497466	55.584	ng	100
51) 2,6-Dinitrotoluene	9.71	165	356190	59.980	ng	# 88
52) Acenaphthene	9.97	154	1203404	56.618	ng	99
53) 3-Nitroaniline	9.88	138	368627	54.597	ng	98
54) 2,4-Dinitrophenol	9.98	184	119285	42.935	ng	# 15
55) Dibenzofuran	10.14	168	1811367	58.096	ng	96
56) 4-Nitrophenol	10.03	139	304698	72.751	ng	95
57) 2,4-Dinitrotoluene	10.12	165	449680	62.611	ng	99
58) Fluorene	10.48	166	1334099	54.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	415172	59.880	ng	99
60) Diethylphthalate	10.35	149	1437847	55.356	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	689920	56.880	ng	96
62) 4-Nitroaniline	10.49	138	356107	51.867	ng	98
63) Azobenzene	10.63	77	1460915	59.402	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	181755	49.095	ng	93
66) n-Nitrosodiphenylamine	10.59	169	1235797	57.244	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	484132	61.384	ng	95
68) Hexachlorobenzene	11.03	284	533088	58.990	ng	94
69) Atrazine	11.12	200	385339	56.630	ng	99
70) Pentachlorophenol	11.22	266	316530	74.332	ng	98
71) Phenanthrene	11.44	178	2056598	58.855	ng	99
72) Anthracene	11.49	178	2069840	58.220	ng	99
73) Carbazole	11.64	167	1894513	56.975	ng	99
74) Di-n-butylphthalate	11.97	149	2102068	53.142	ng	99
75) Fluoranthene	12.63	202	2160286	57.693	ng	99
77) Benzidine	12.74	184	753085	38.752	ng	98
78) Pyrene	12.86	202	2179159	54.803	ng	99
80) Butylbenzylphthalate	13.47	149	840998	51.958	ng	98
81) Benzo(a)anthracene	14.04	228	1778312	58.990	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	623070	53.661	ng	99
83) Chrysene	14.07	228	1758124	57.532	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	964324	49.276	ng	99
85) Di-n-octyl phthalate	14.64	149	1523638	47.897	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1604305	56.860	ng	100
88) Benzo(b)fluoranthene	15.09	252	1515522	59.575	ng	99
89) Benzo(k)fluoranthene	15.12	252	1413475	61.911	ng	99
90) Benzo(a)pyrene	15.45	252	1364142	60.347	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	1305324	61.750	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1349480	62.545	ng	100

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

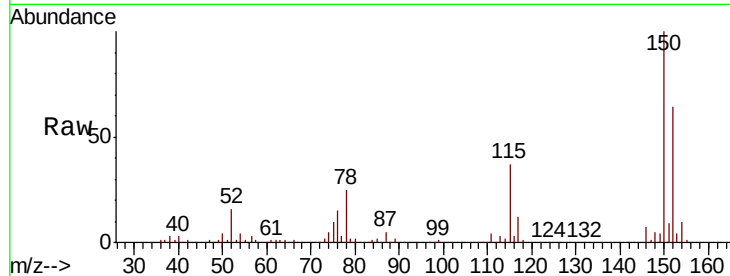


#1

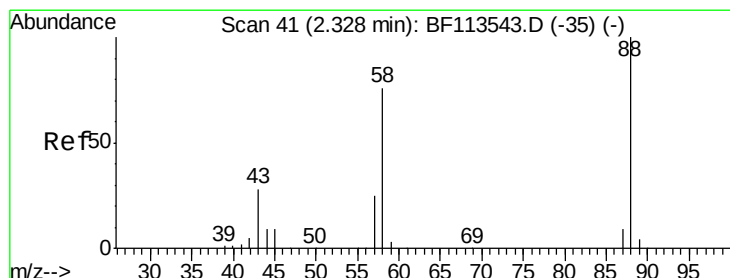
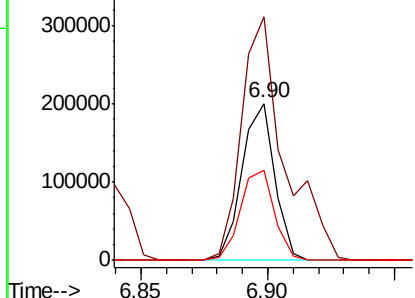
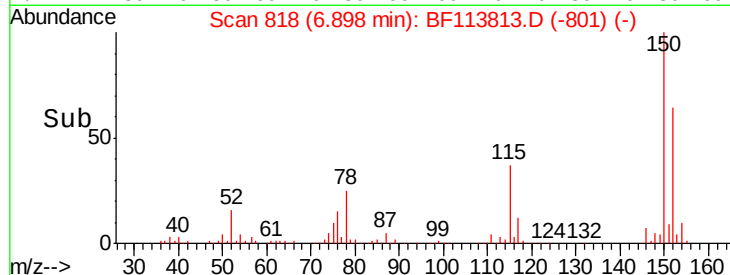
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 179990
Ion Ratio Lower Upper
152 100
150 155.4 125.9 188.9
115 57.5 45.9 68.9



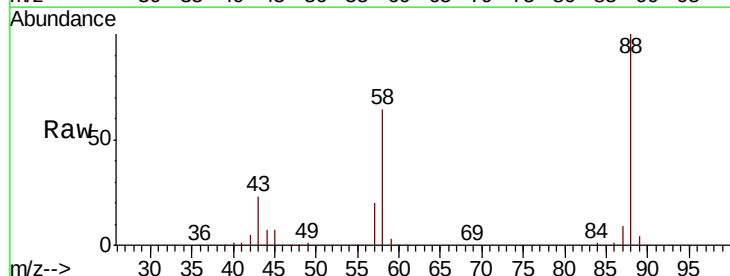
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



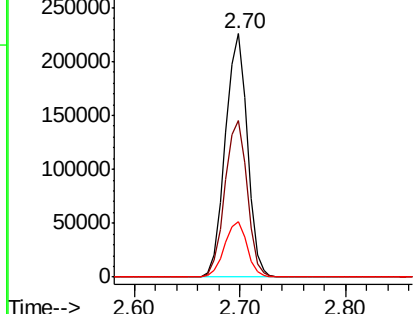
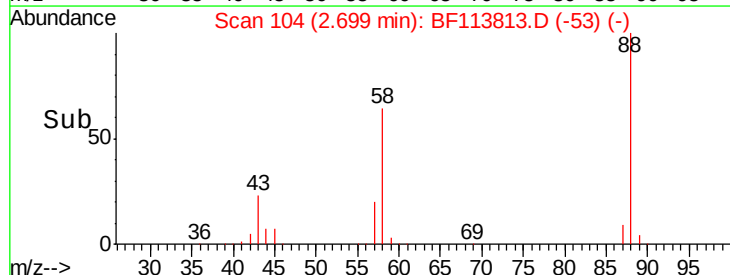
#2

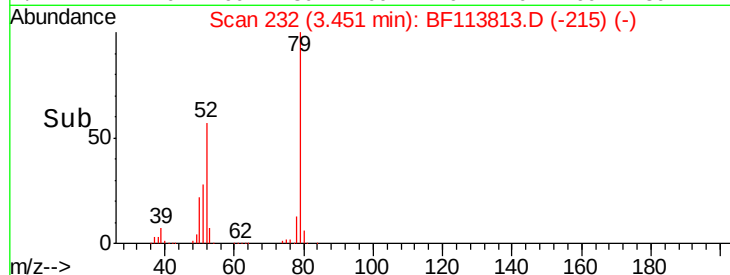
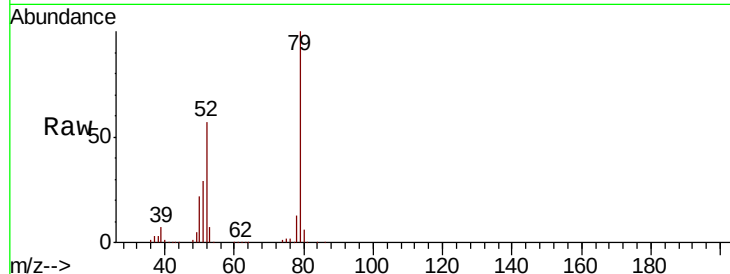
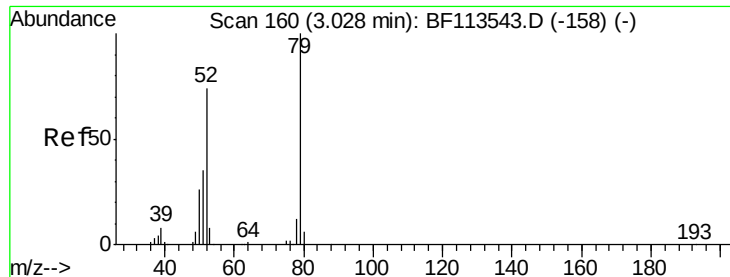
1,4-Dioxane
Concen: 65.376 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion: 88 Resp: 326828
Ion Ratio Lower Upper
88 100
58 64.8 53.3 79.9
43 23.0 19.0 28.4



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

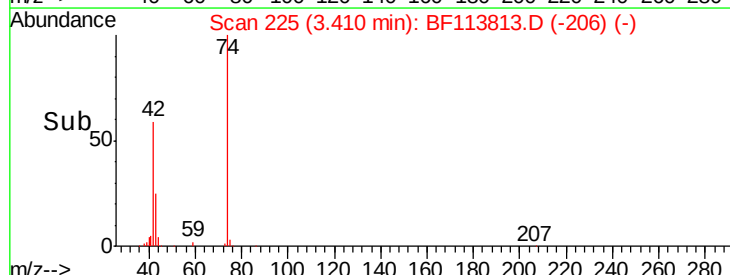
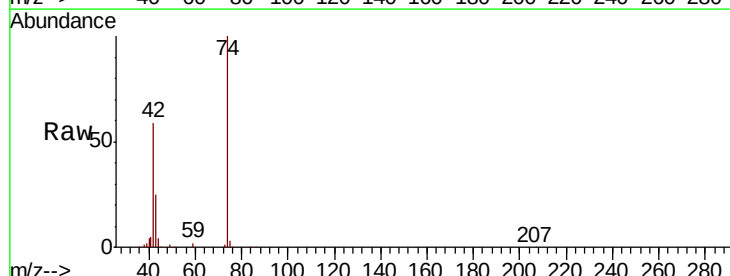
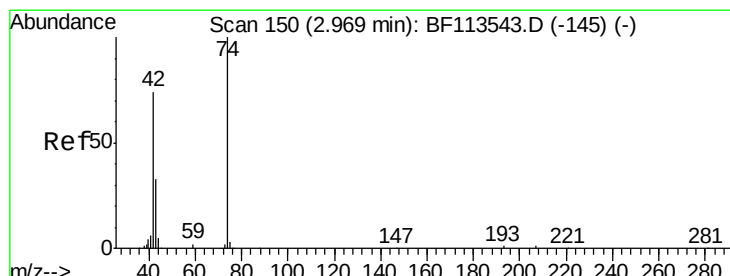
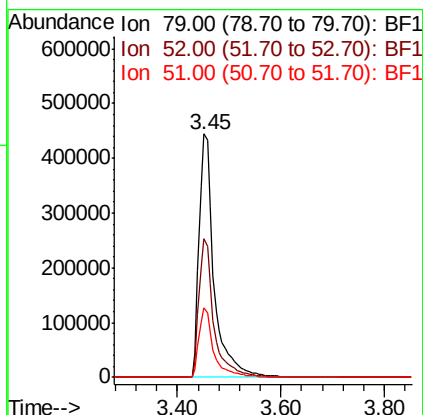




#3
 Pvridine
 Concen: 68.212 ng
 RT: 3.45 min Scan# 232
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

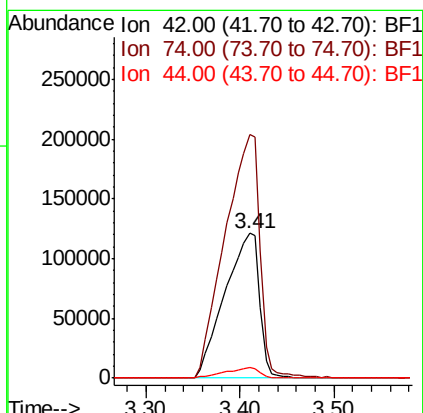
Instrument :
 BNA_F
 ClientSampled :

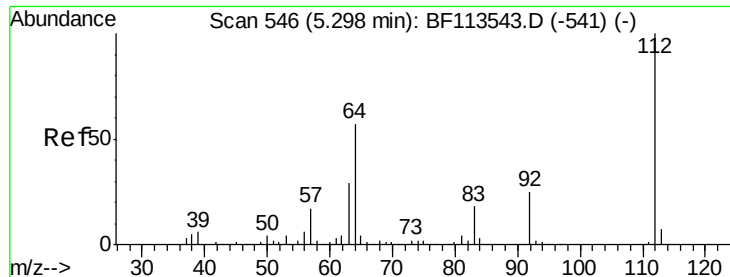
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.7	45.3	67.9
51	28.6	22.1	33.1



#4
 n-Nitrosodimethylamine
 Concen: 56.102 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.2	132.6	198.8
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 119.631 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

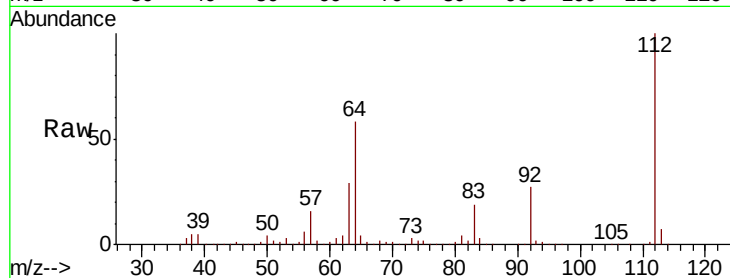
Tot Ion:112 Resp: 1262721

Ion Ratio Lower Upper

112 100

64 57.8 46.6 69.8

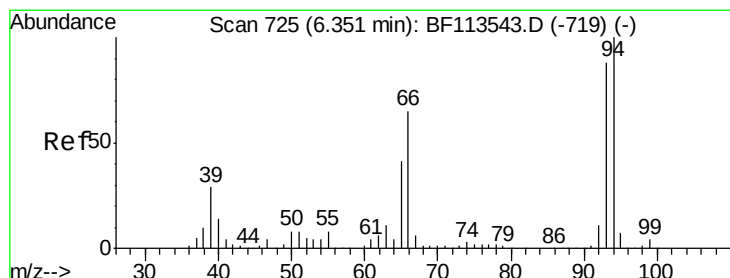
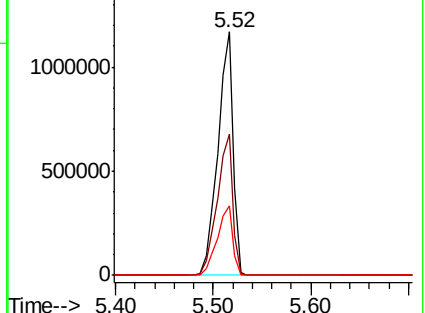
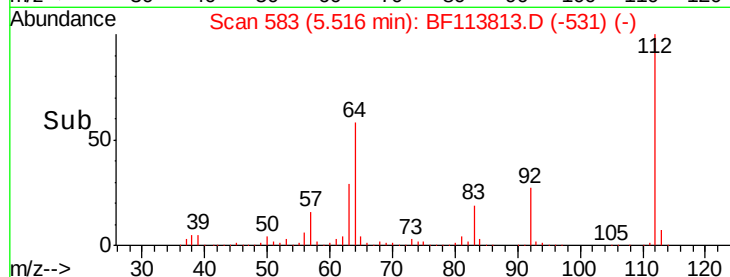
63 28.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 72.611 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

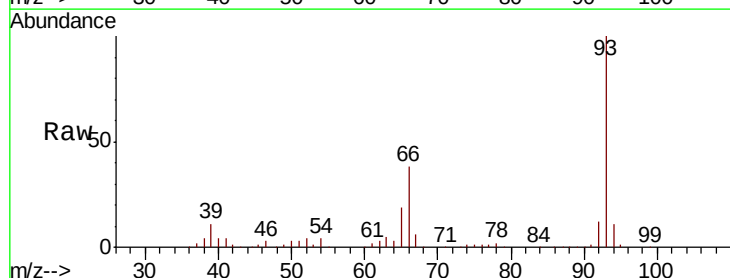
Tgt Ion: 93 Resp: 1144997

Ion Ratio Lower Upper

93 100

66 38.5 29.8 44.6

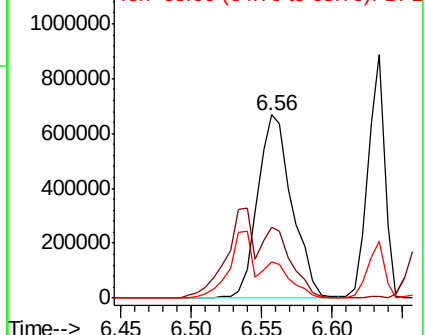
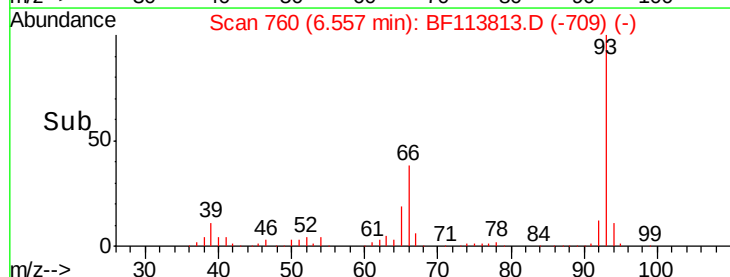
65 19.5 14.9 22.3

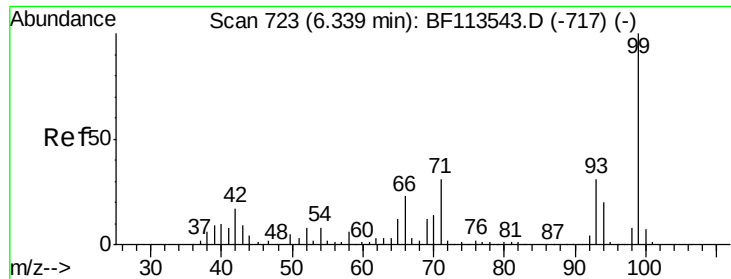


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.987 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

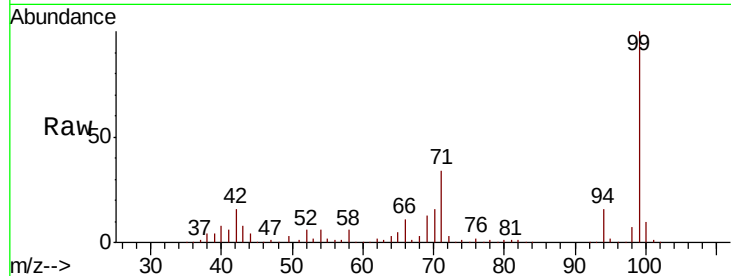
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1586962

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.5	18.7
71	34.1	26.9	40.3

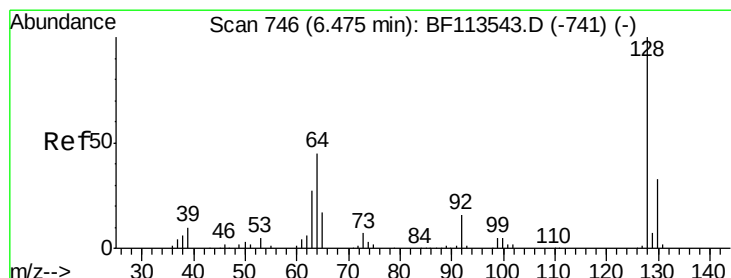
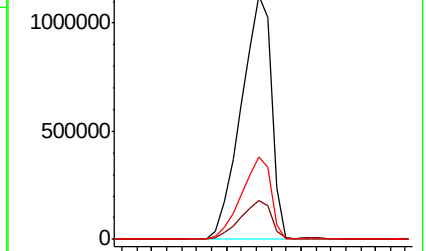
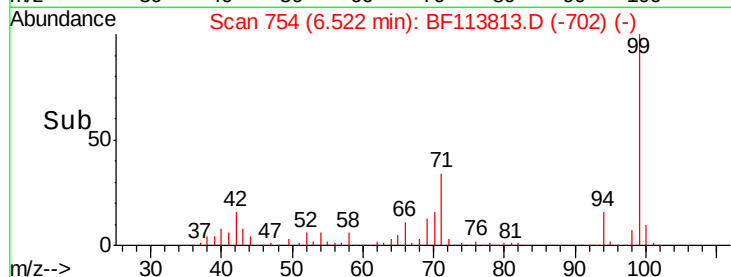


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 59.000 ng

RT: 6.69 min Scan# 782

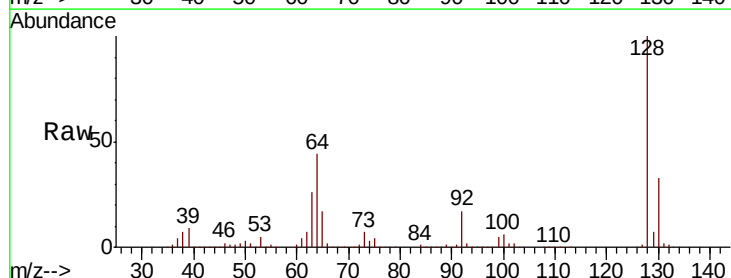
Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Tgt Ion: 128 Resp: 720513

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	44.4	26.1	66.1

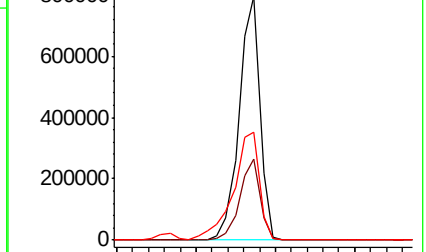
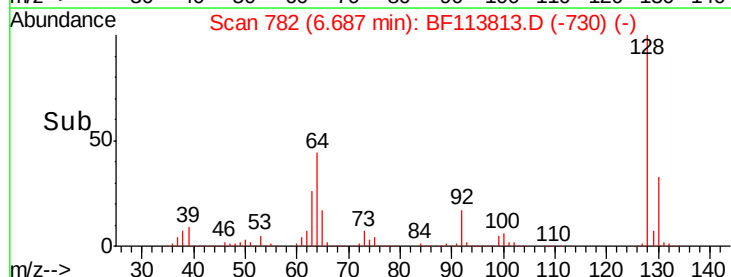


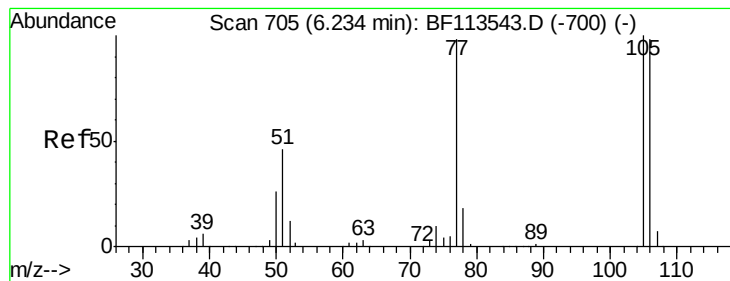
Abundance

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: 52.009 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampled :

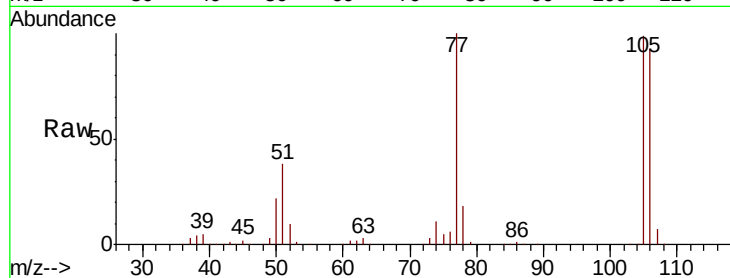
Tot Ion: 77 Resp: 402305

Ion Ratio Lower Upper

77 100

105 99.1 74.1 114.1

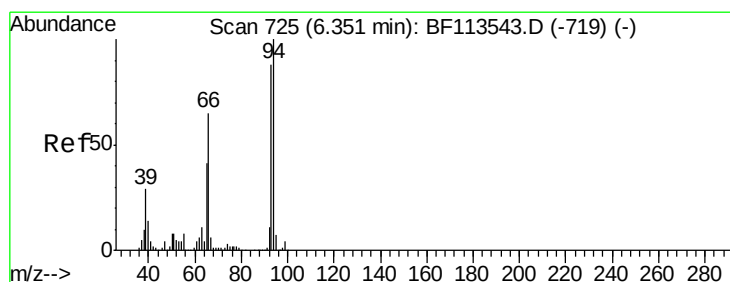
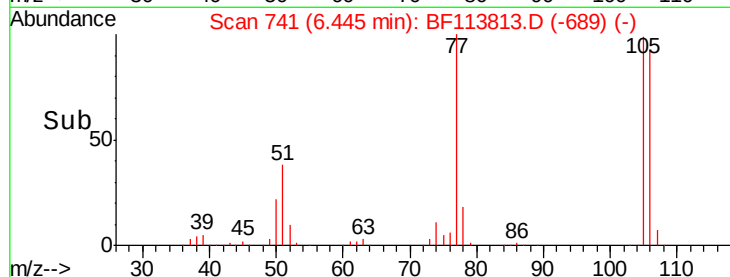
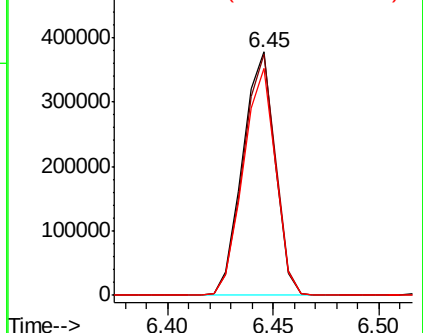
106 93.1 70.3 110.3



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: 66.188 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

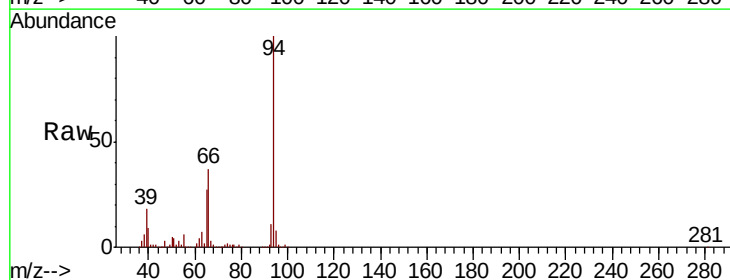
Tgt Ion: 94 Resp: 983427

Ion Ratio Lower Upper

94 100

65 27.2 8.1 48.1

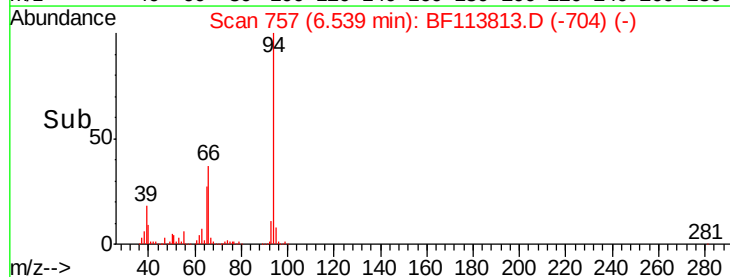
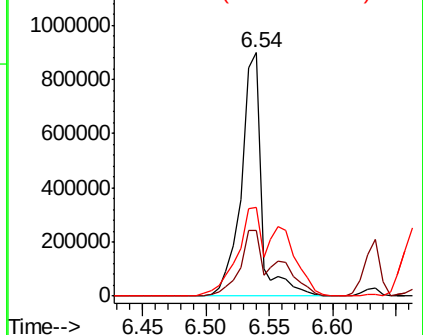
66 36.6 16.6 56.6

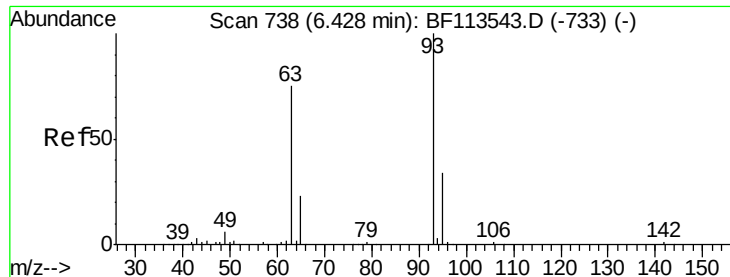


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

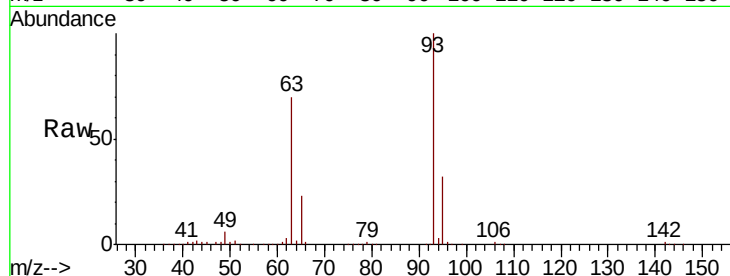




#11
bis(2-Chloroethyl)ether
Concen: 62.864 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	93.00	Resp	726569
Ion	Ratio	Lower	Upper
93	100		
63	70.4	50.7	90.7
95	32.4	12.3	52.3

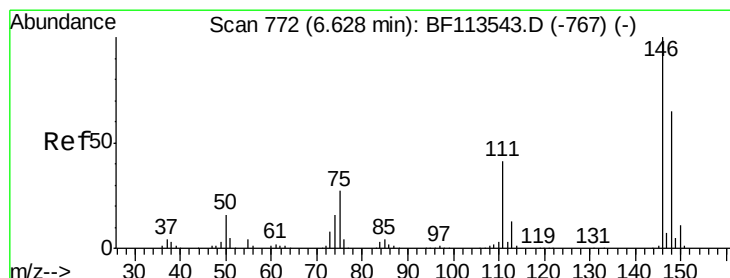
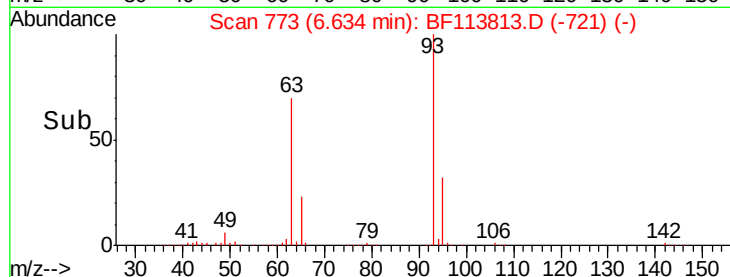
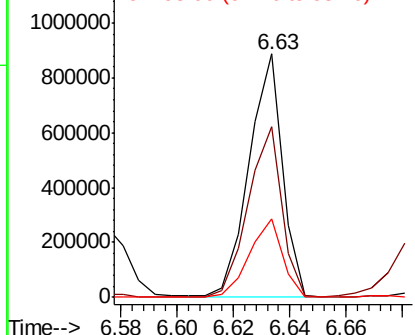


Abundance

Ion 93.00 (92.70 to 93.70): BF1

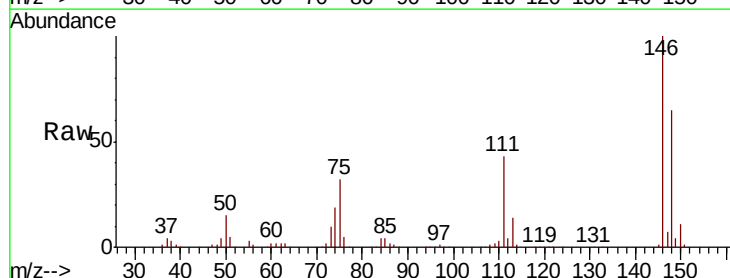
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 60.638 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion	146	Resp	797476
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
75	32.1	23.8	35.8

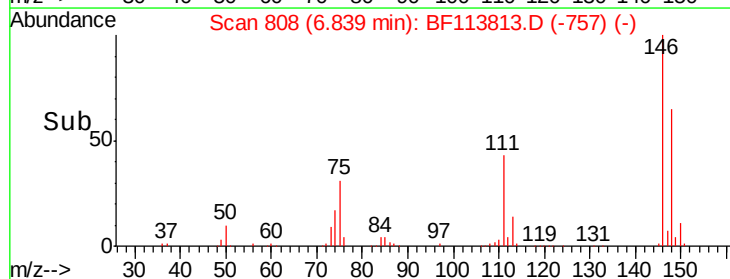
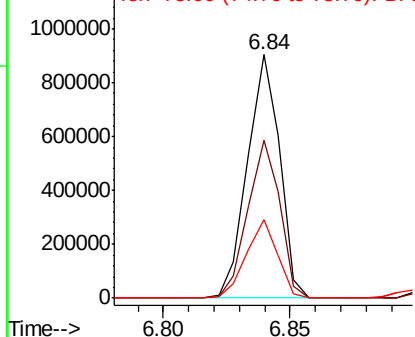


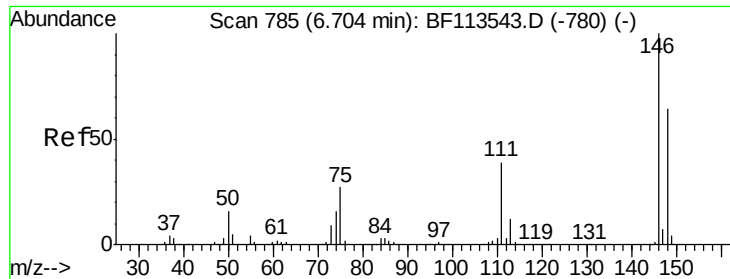
Abundance

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

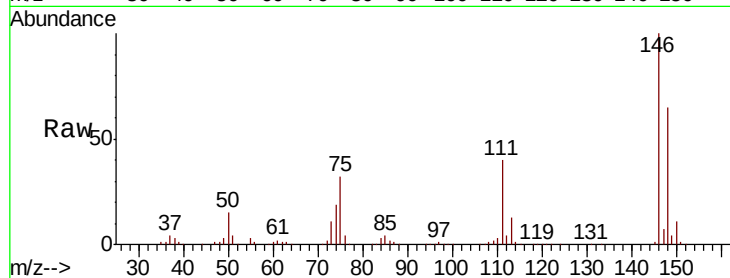




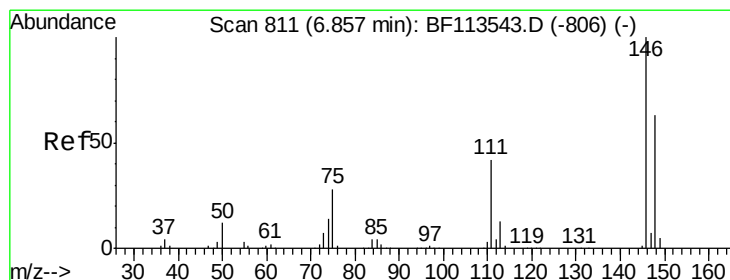
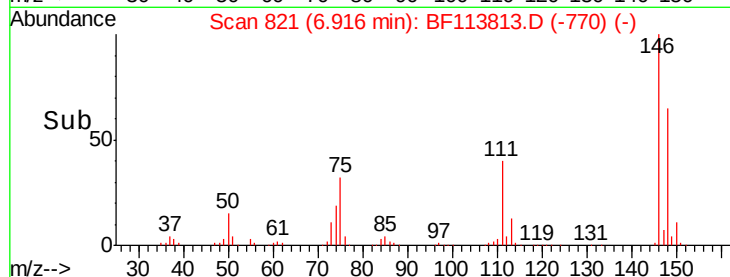
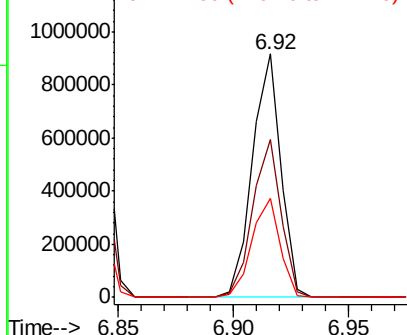
#13
 1,4-Dichlorobenzene
 Concen: 59.700 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 793422
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.8
 111 40.5 30.9 46.3

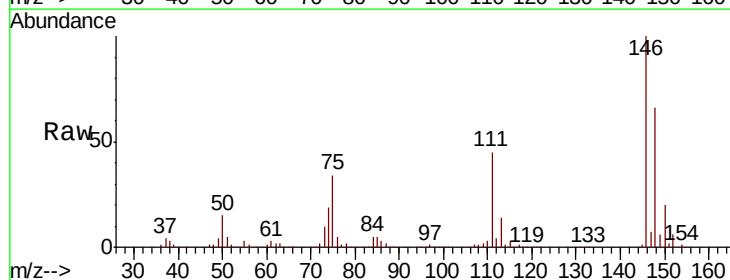


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

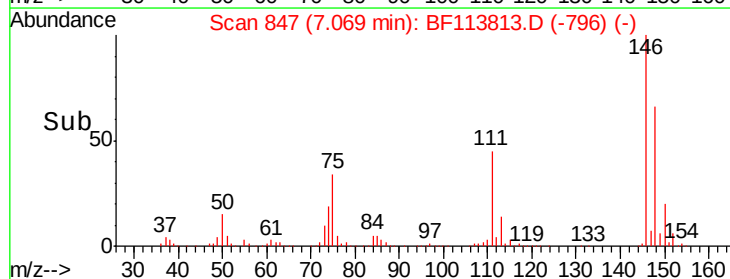
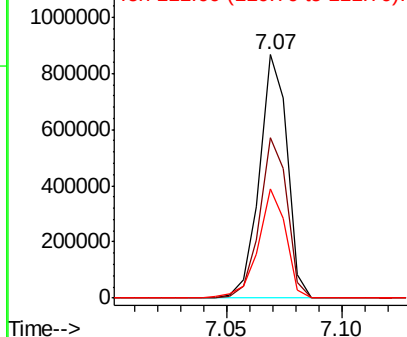


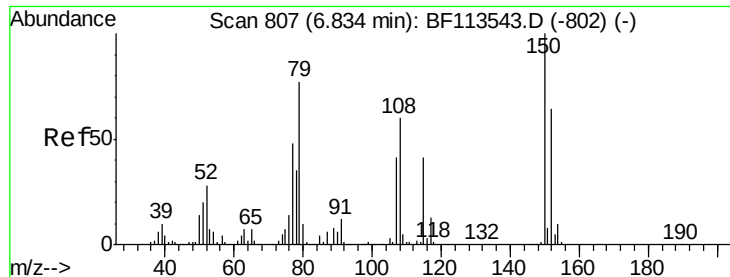
#14
 1,2-Dichlorobenzene
 Concen: 60.805 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:146 Resp: 729428
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.1 78.1
 111 44.8 34.2 51.4



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: 74.592 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

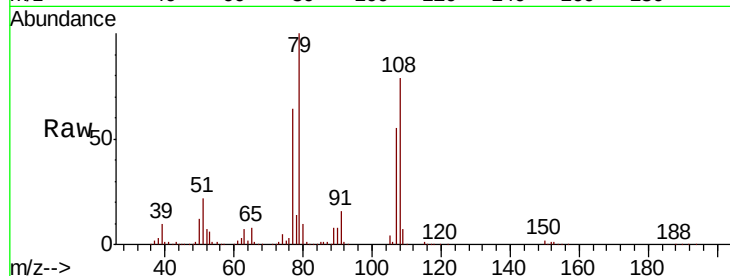
Tot Ion: 79 Resp: 656131

Ion Ratio Lower Upper

79 100

108 79.2 61.4 92.0

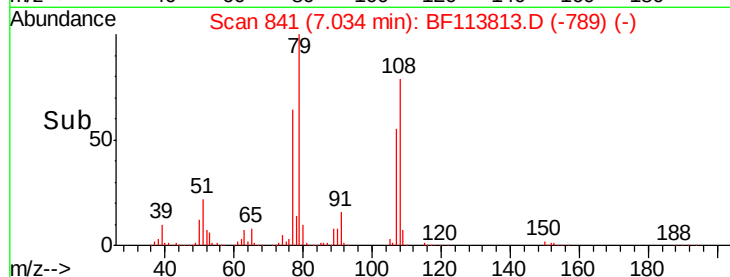
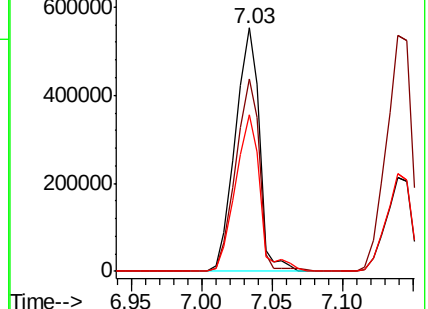
77 64.4 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.862 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

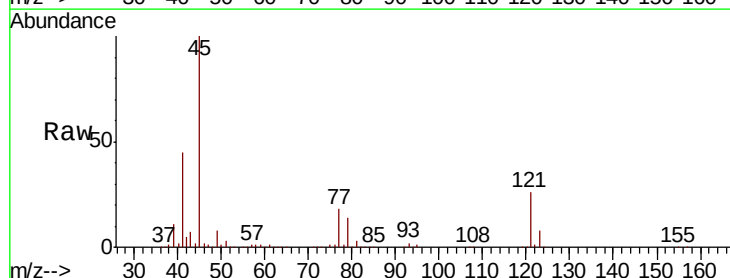
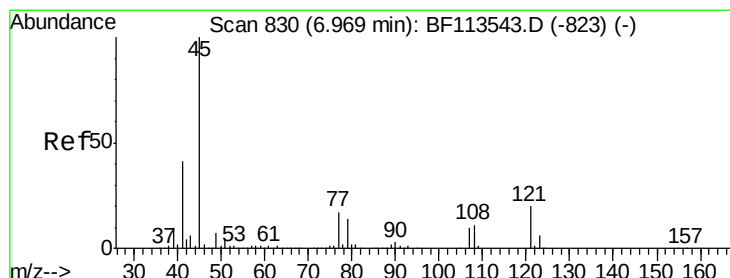
Tgt Ion: 45 Resp: 879031

Ion Ratio Lower Upper

45 100

77 18.0 0.0 37.0

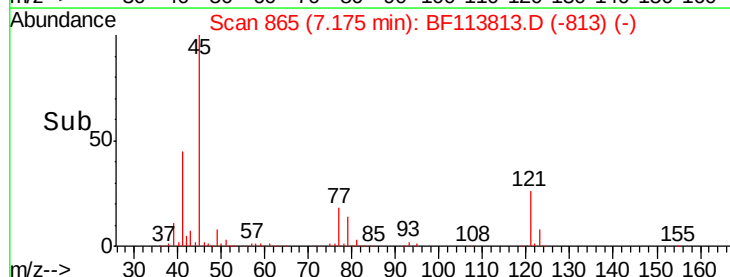
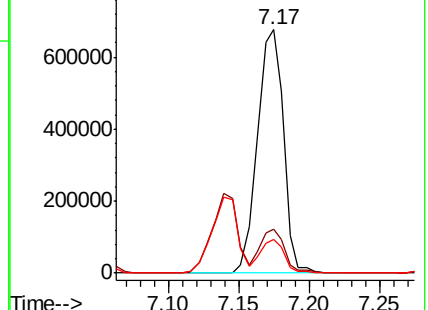
79 13.7 0.0 32.7

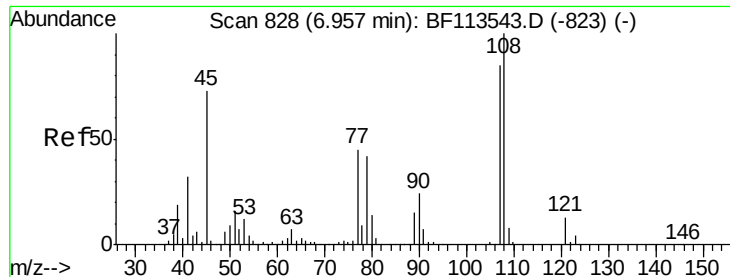


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

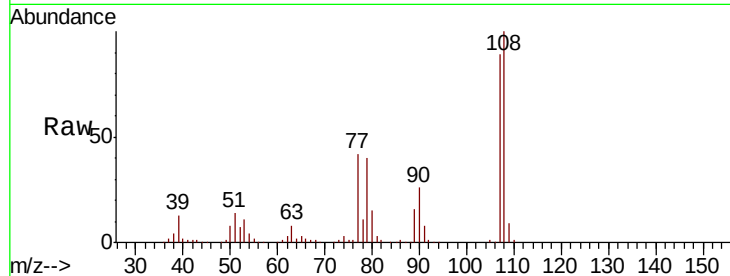




#17
2-Methylphenol
Concen: 62.670 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	593115
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.5	137.3
77	46.5	36.2	54.4
79	44.3	35.4	53.0



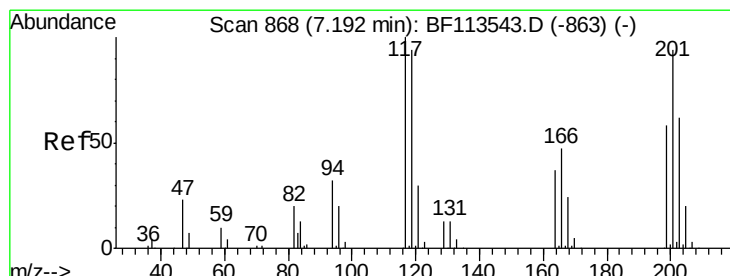
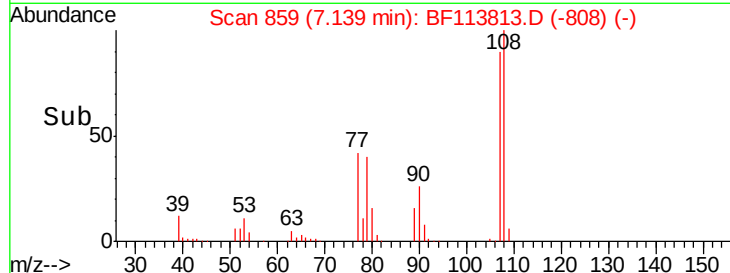
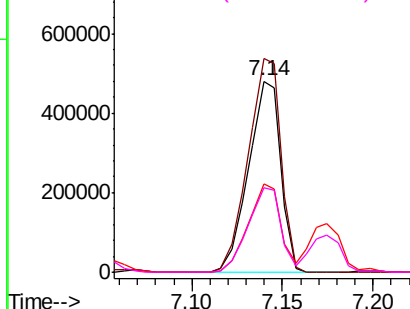
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

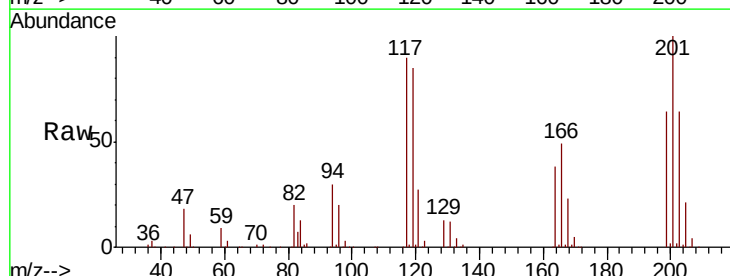
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 59.805 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:	117	Resp:	289300
Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.4	111.6
201	110.7	90.2	135.2

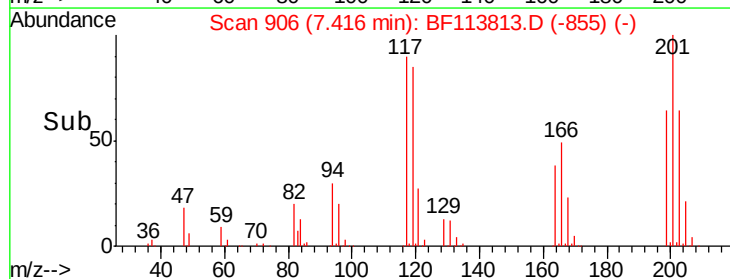
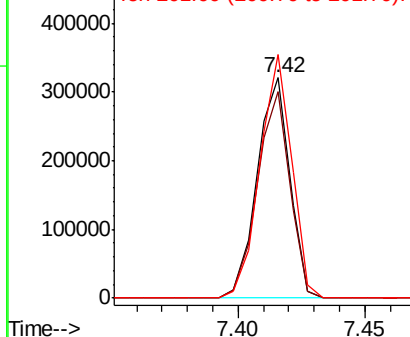


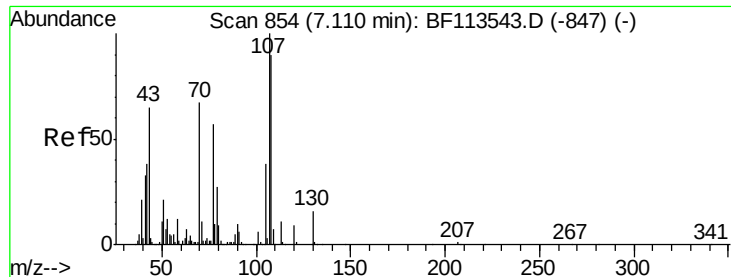
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

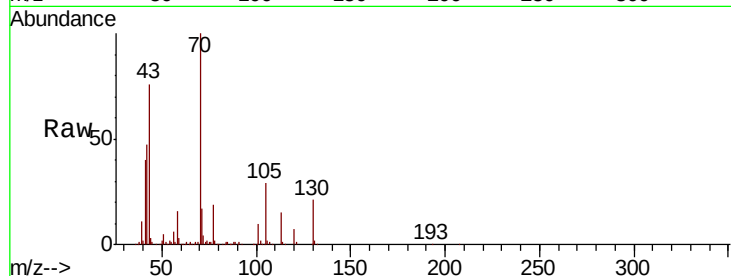




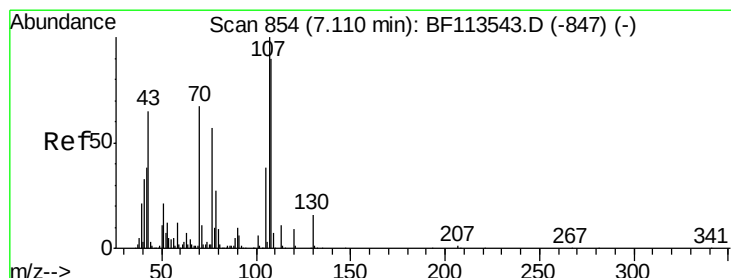
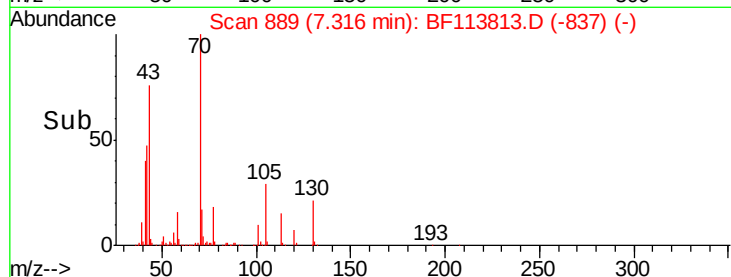
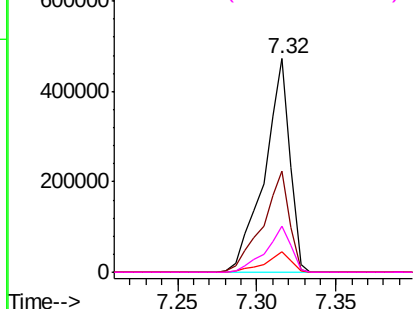
#19
n-Nitroso-di-n-propylamine
Concen: 66.329 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	532098
Ion	Ratio	Lower	Upper
70	100		
42	47.5	37.3	55.9
101	9.7	7.8	11.8
130	21.4	18.2	27.2

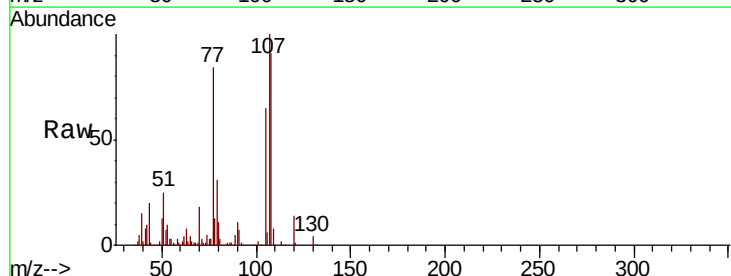


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

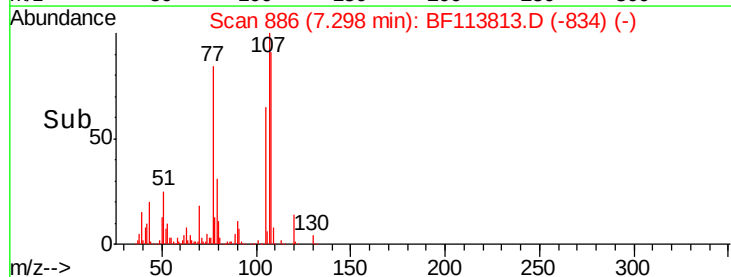
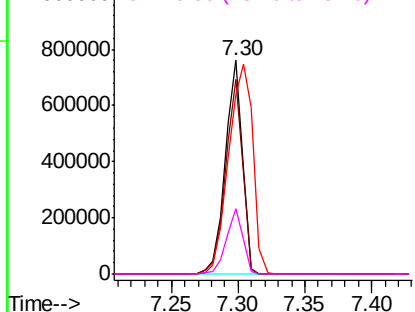


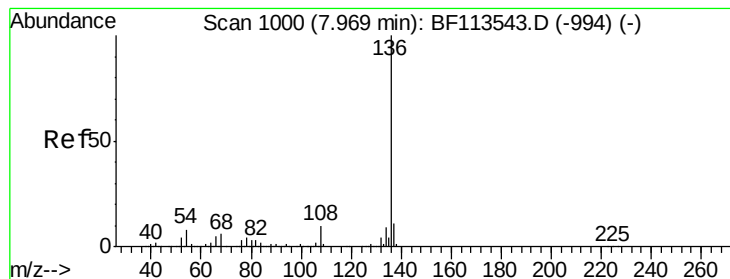
#20
3+4-Methylphenols
Concen: 60.635 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:	107	Resp:	695314
Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.1	110.1
77	84.2	52.9	92.9
79	30.6	10.2	50.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 716179

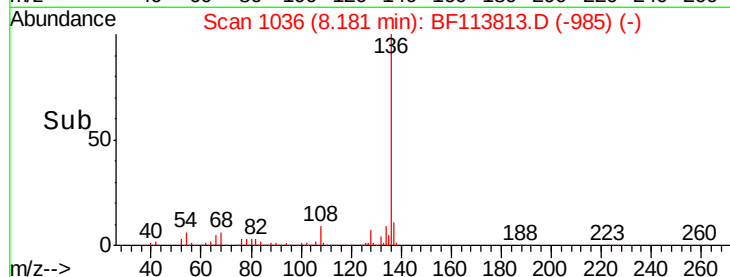
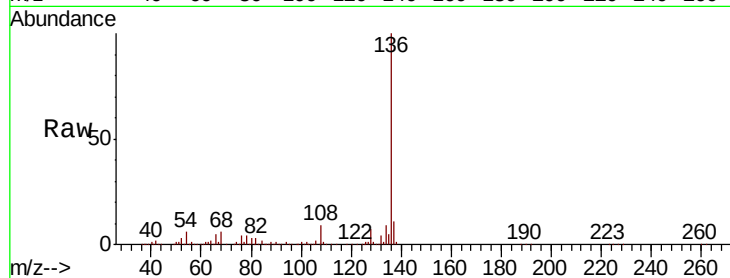
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.4 5.0 7.6

68 6.5 4.9 7.3

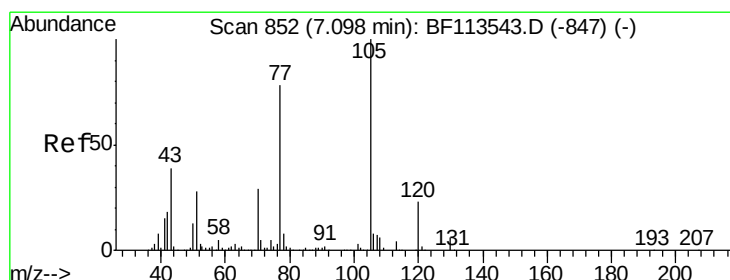
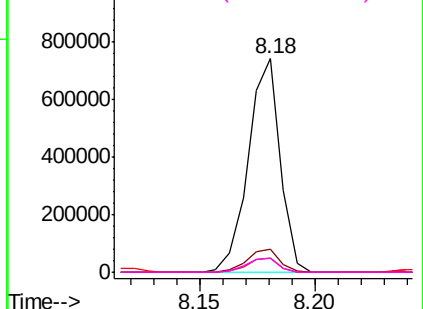


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.020 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Tgt Ion:105 Resp: 944090

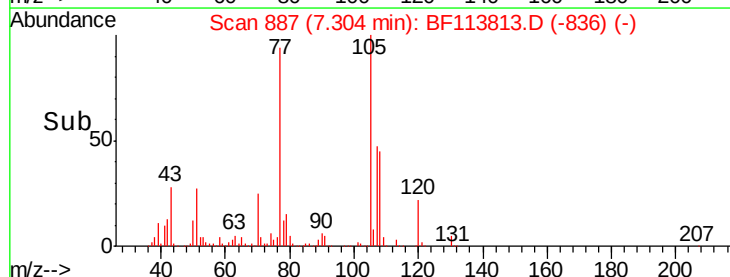
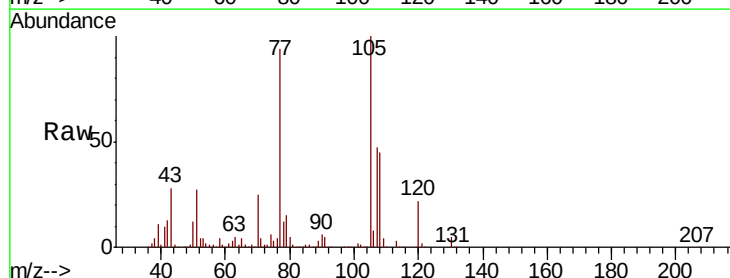
Ion Ratio Lower Upper

105 100

71 4.2 6.1 9.1#

51 26.9 16.8 25.2#

120 21.8 17.6 26.4

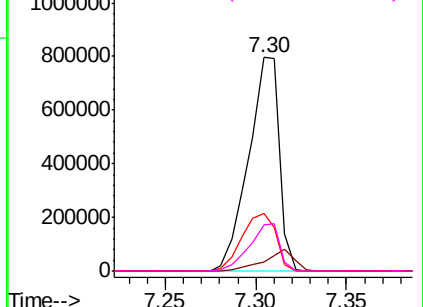


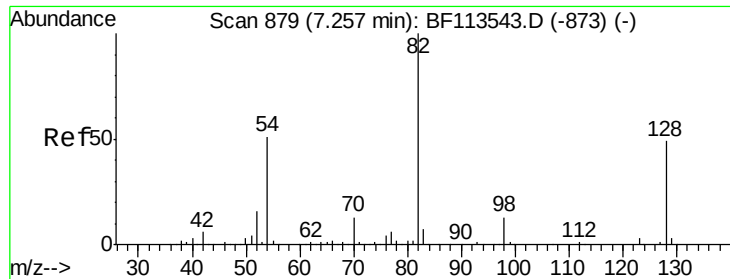
Abundance Ion 105.00 (104.70 to 105.70): E

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

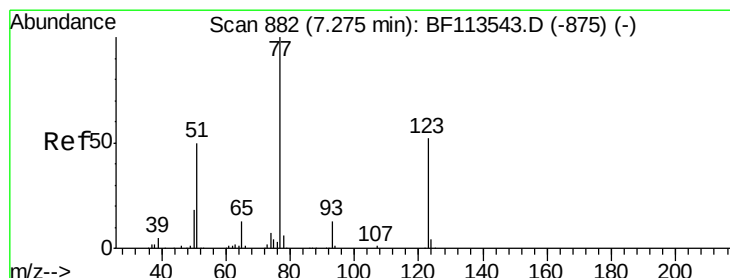
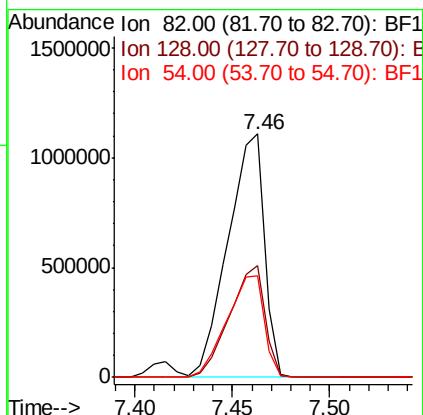
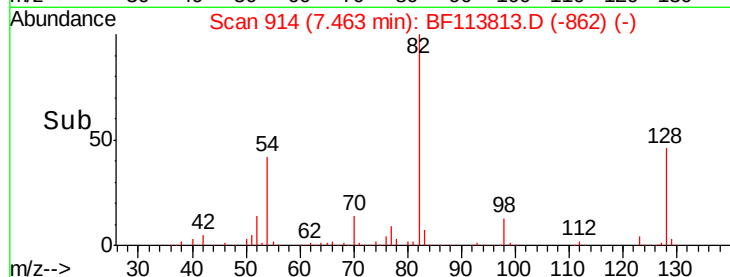
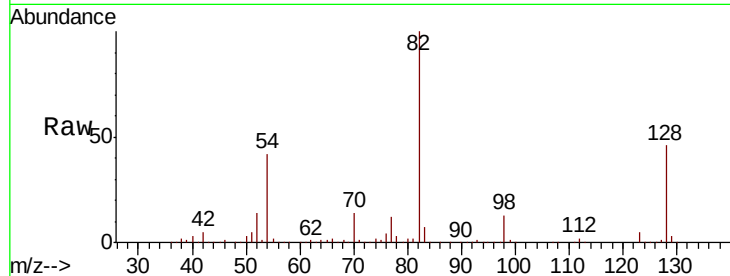




#23
 Nitrobenzene-d5
 Concen: 117.245 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

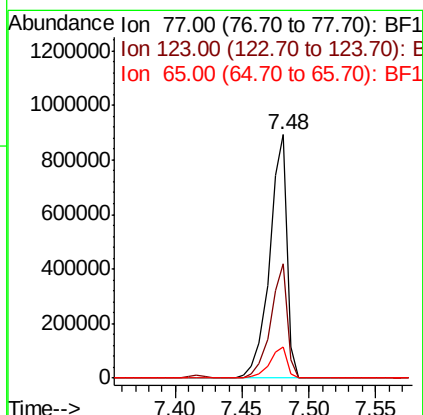
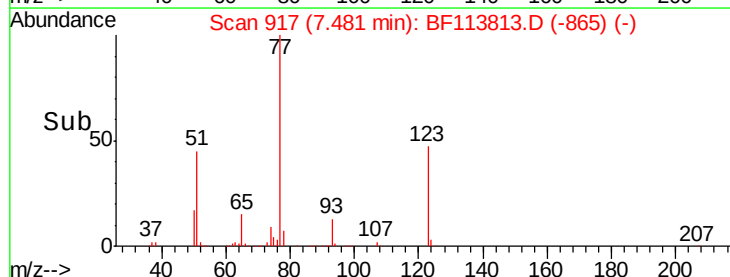
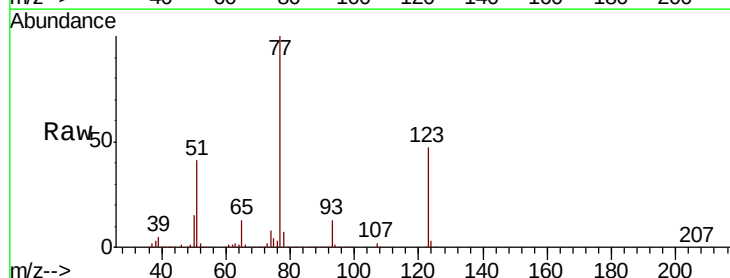
Instrument :
 BNA_F
 ClientSampled :

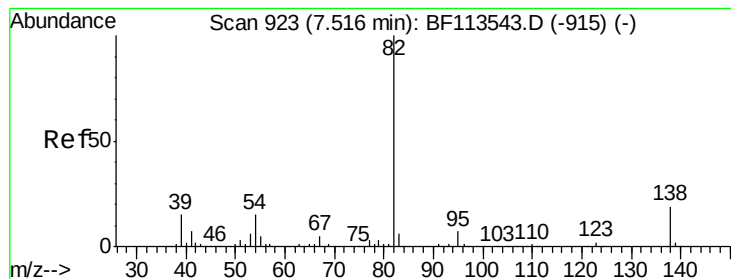
Tot Ion: 82 Resp: 1433512
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.8 55.2
 54 41.6 33.8 50.6



#24
 Nitrobenzene
 Concen: 63.876 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion: 77 Resp: 804286
 Ion Ratio Lower Upper
 77 100
 123 46.8 36.3 54.5
 65 12.9 10.3 15.5





#25

Isophorone

Concen: 61.008 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampled :

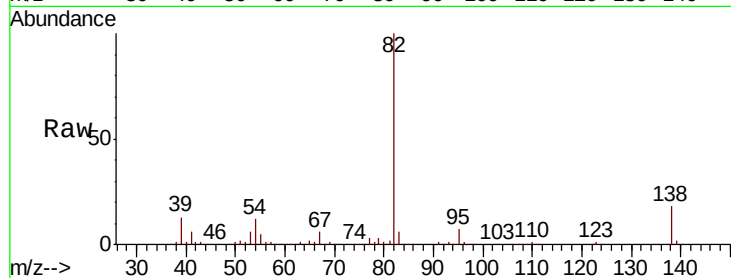
Tot Ion: 82 Resp: 1436919

Ion Ratio Lower Upper

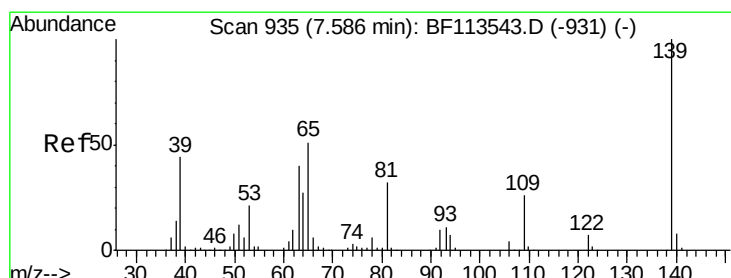
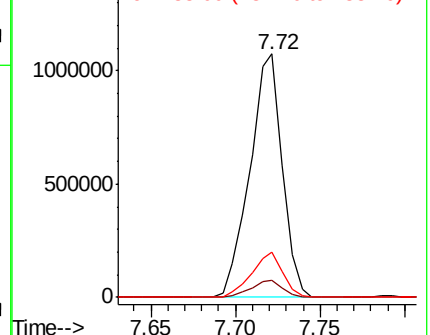
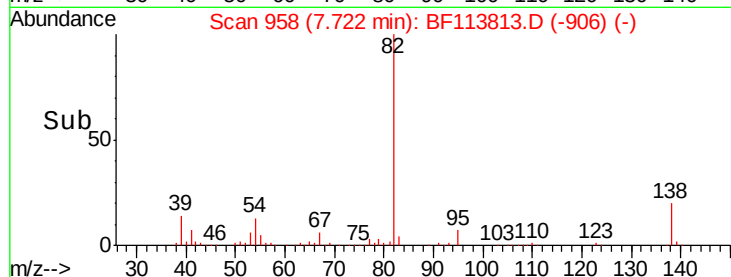
82 100

95 6.8 5.4 8.2

138 18.4 14.6 22.0



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: 50.608 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

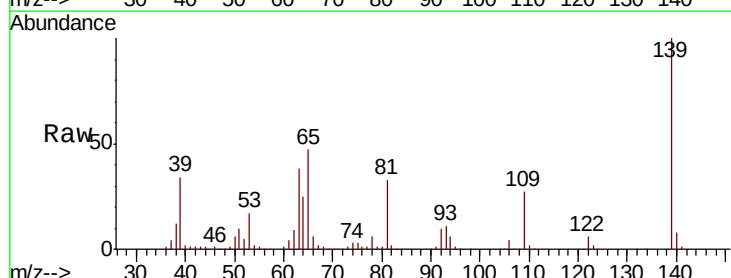
Tgt Ion:139 Resp: 342954

Ion Ratio Lower Upper

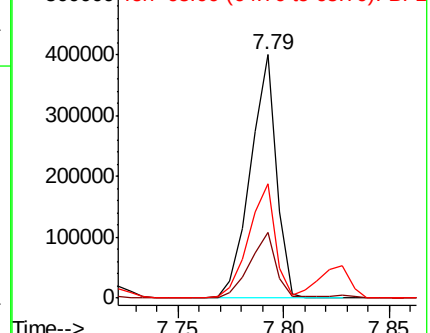
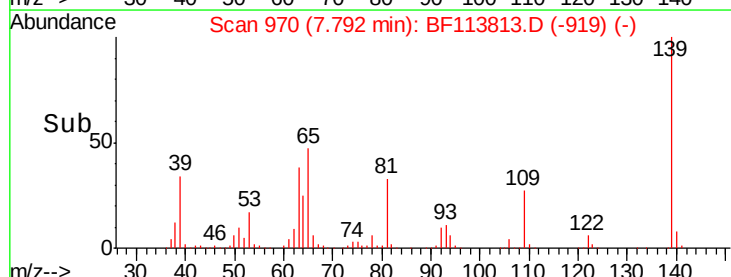
139 100

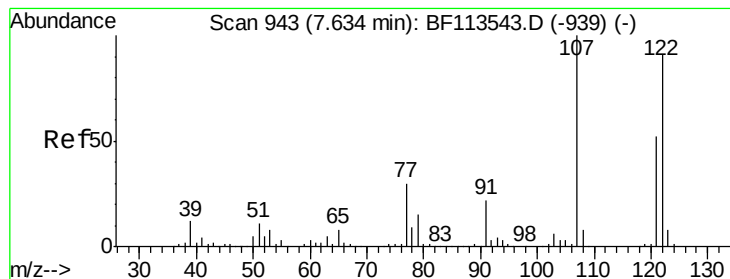
109 26.8 20.6 31.0

65 46.9 34.6 52.0



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: 60.454 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

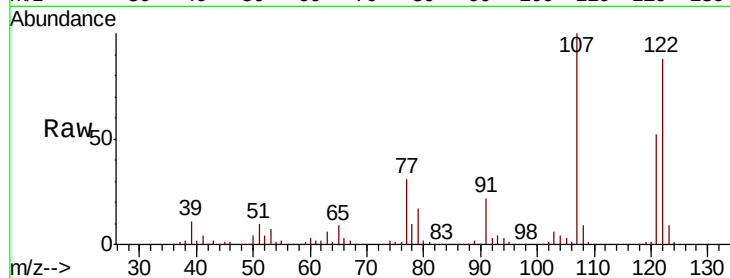
Tot Ion:122 Resp: 585681

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

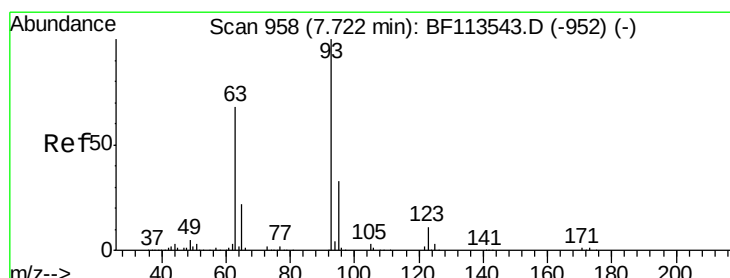
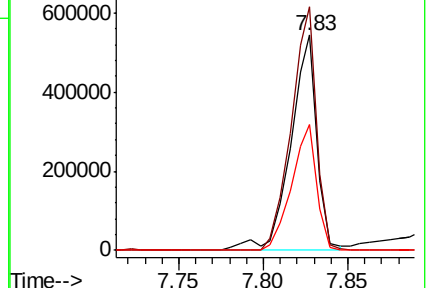
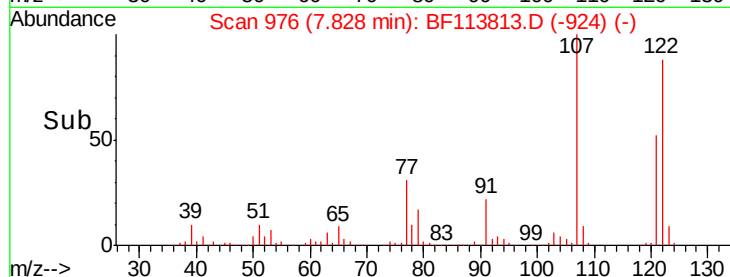
121 58.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 61.071 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

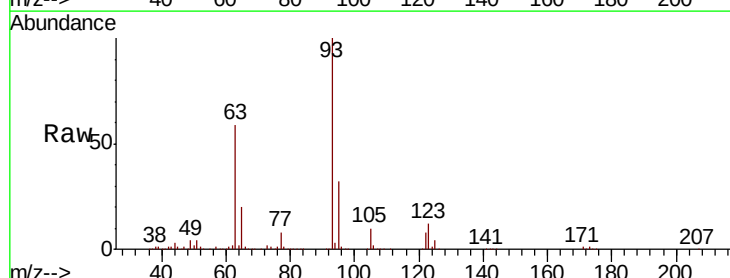
Tgt Ion: 93 Resp: 909400

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

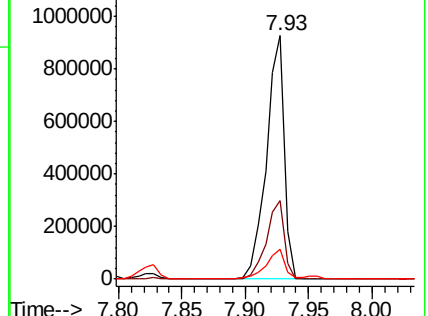
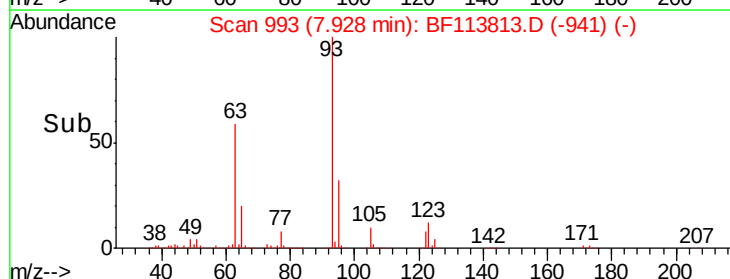
123 12.0 9.0 13.6

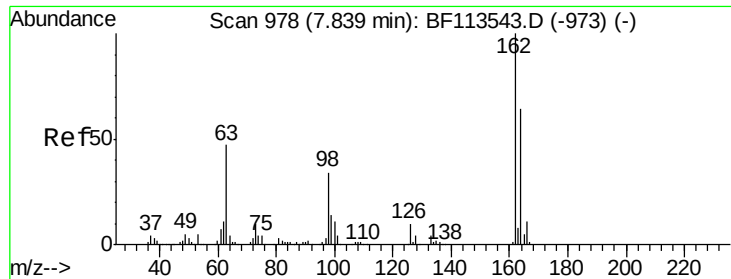


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

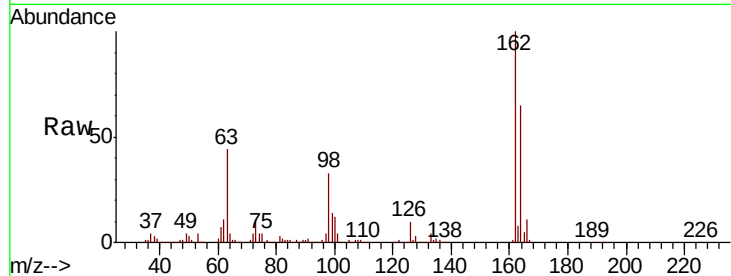




#29
 2,4-Dichlorophenol
 Concen: 61.503 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	32.6	15.5	55.5

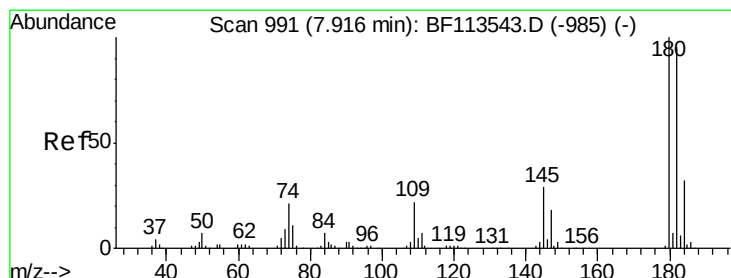
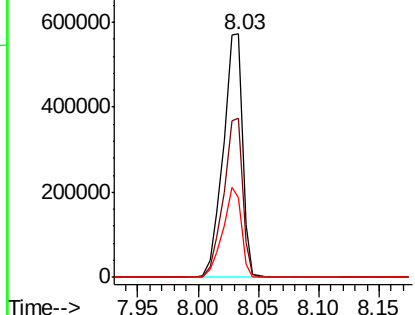
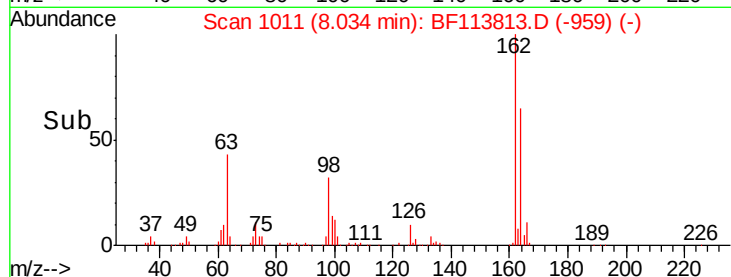


Abundance

Ion 162.00 (161.70 to 162.70): E

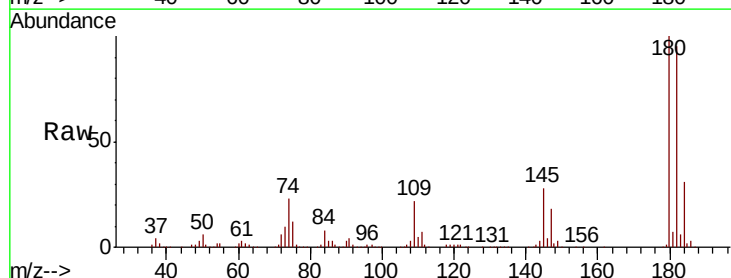
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 62.060 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.0
145	27.8	23.0	34.4

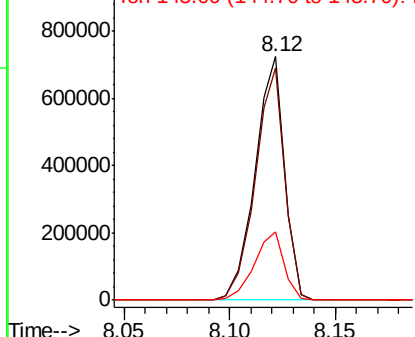
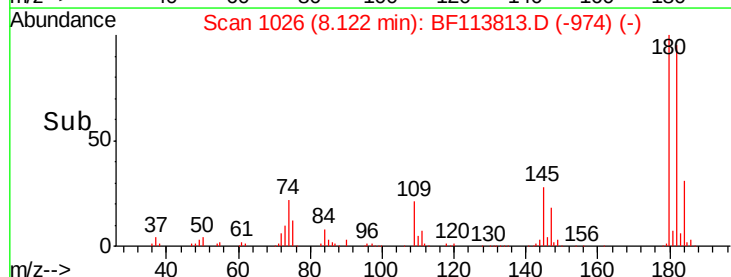


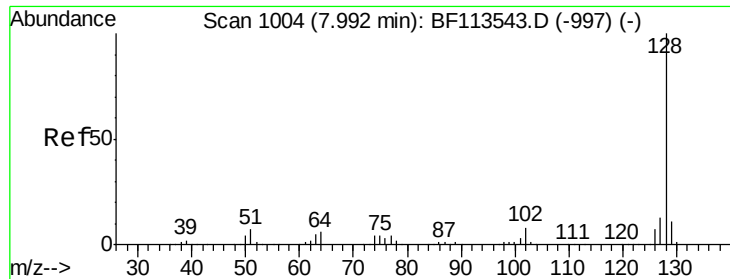
Abundance

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

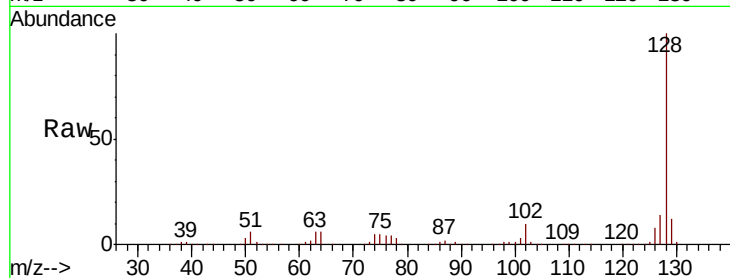




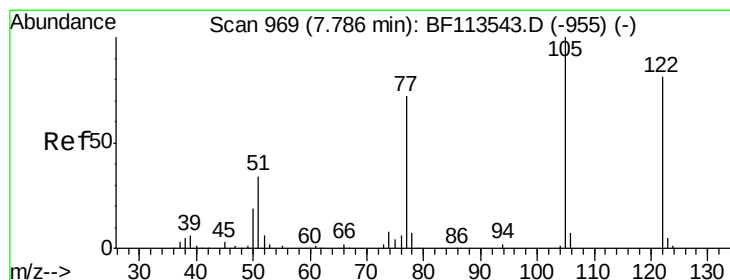
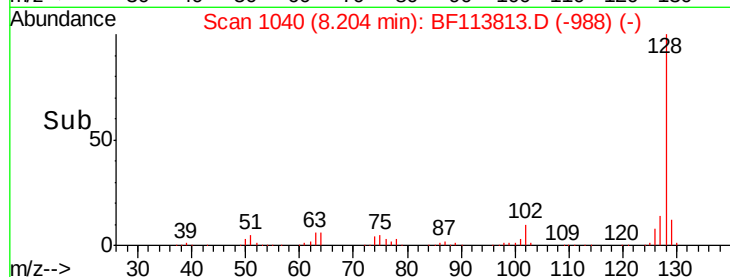
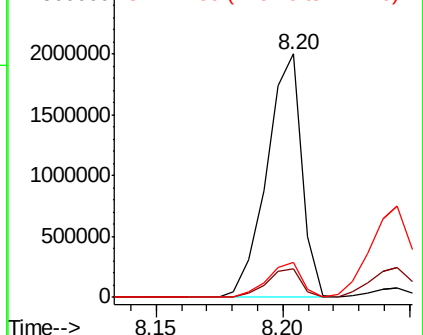
#31
Naphthalene
Concen: 55.896 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1939608
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.1 10.8 16.2

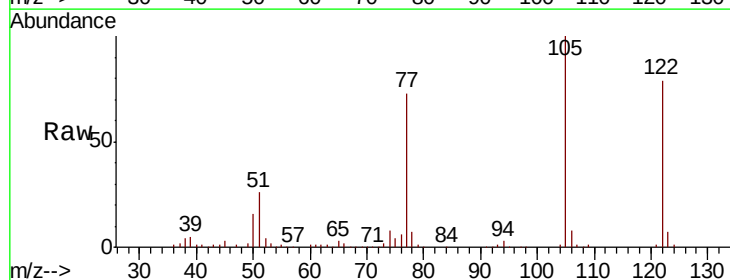


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

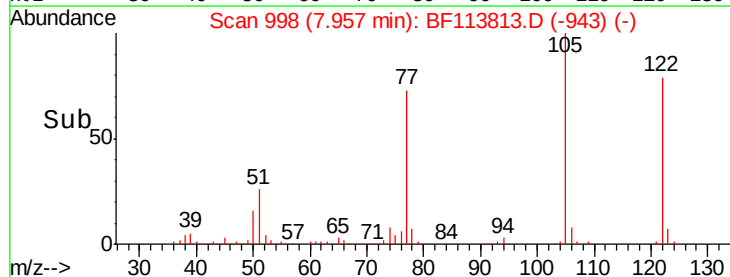
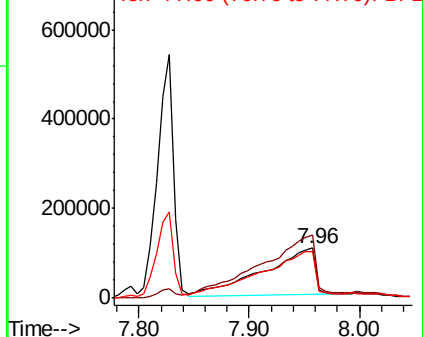


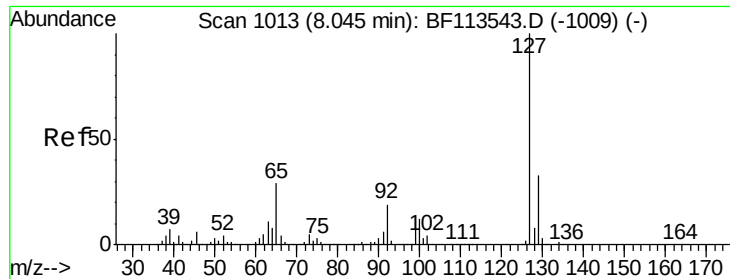
#32
Benzoic acid
Concen: 44.988 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:122 Resp: 337497
Ion Ratio Lower Upper
122 100
105 126.8 104.3 144.3
77 93.1 70.4 110.4



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

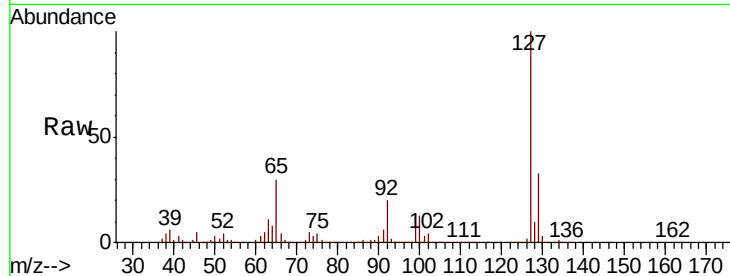




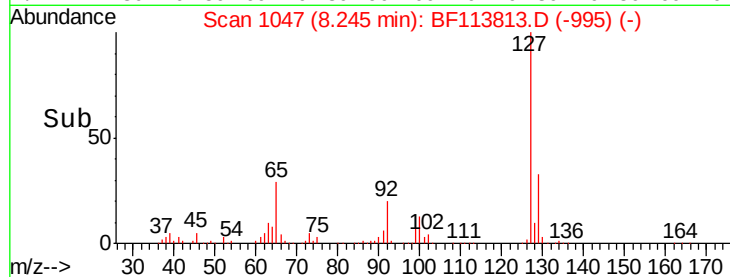
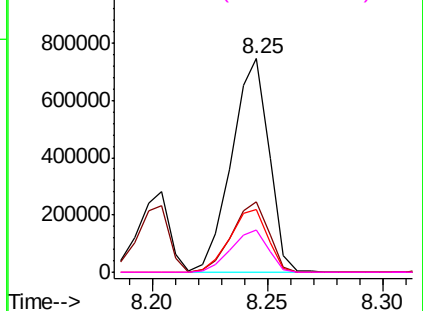
#33
4-Chloroaniline
Concen: 60.710 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	835334
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	29.5	24.9	37.3
92	20.0	15.9	23.9

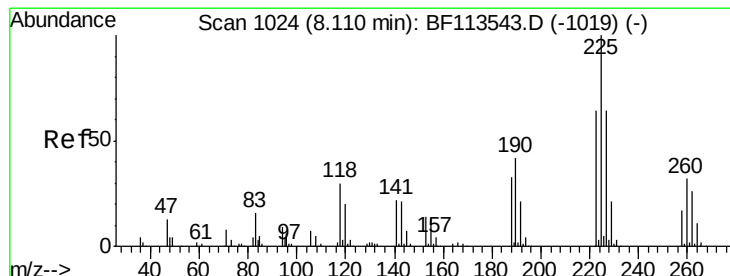


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

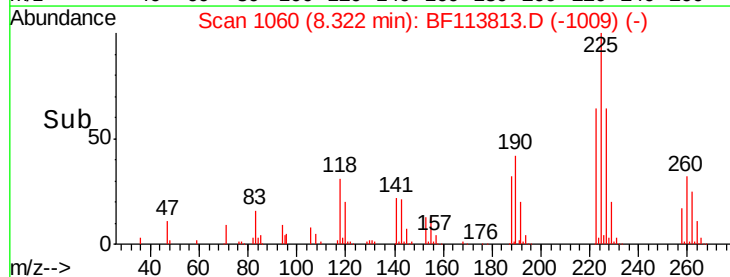
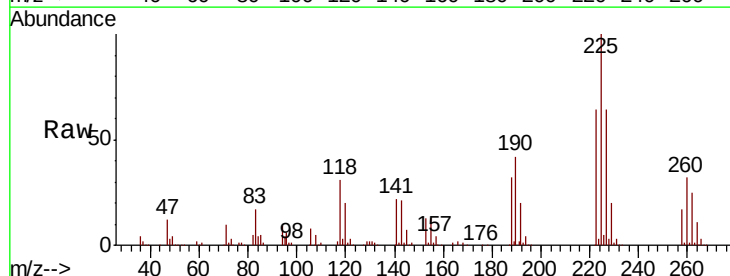
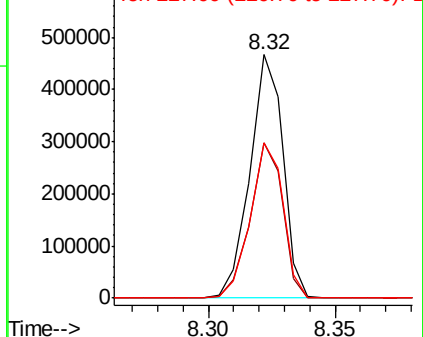


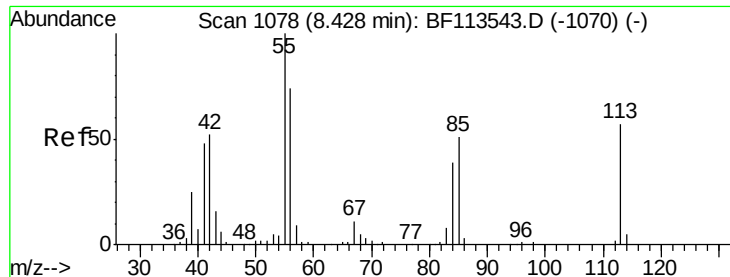
#34
Hexachlorobutadiene
Concen: 61.792 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:	225	Resp:	424066
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.1	76.7
227	63.8	49.9	74.9



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

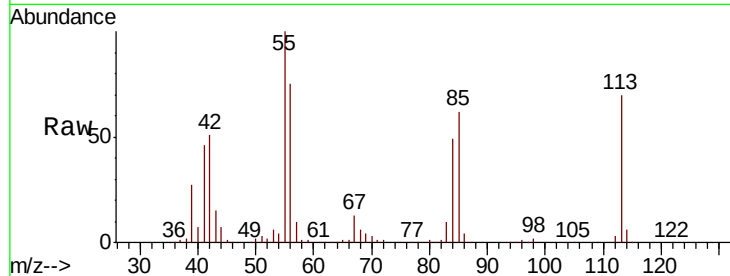




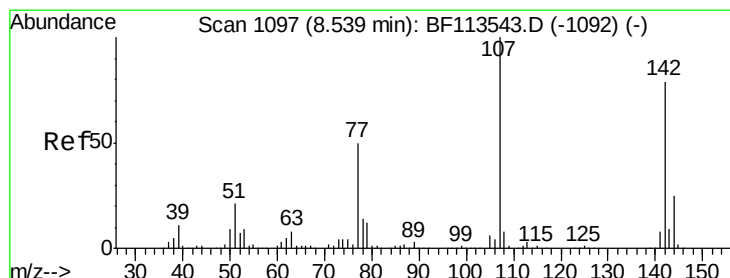
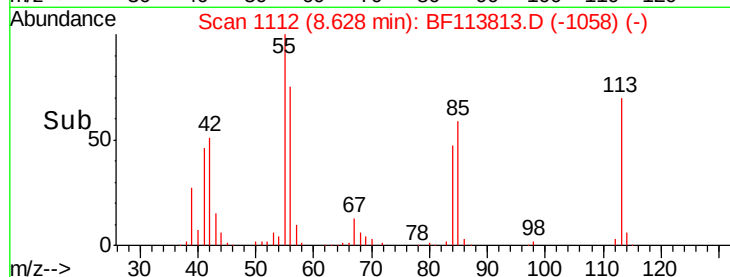
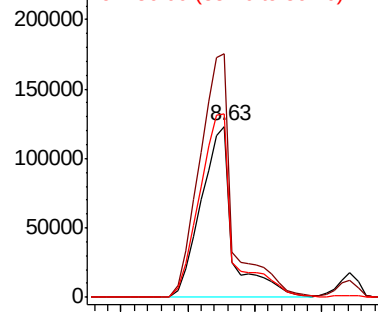
#35
 Caprolactam
 Concen: 62.679 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 206243
 Ion Ratio Lower Upper
 113 100
 55 142.6 128.6 168.6
 56 107.6 91.9 131.9

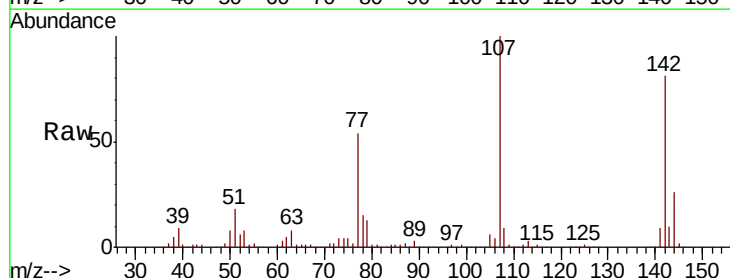


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

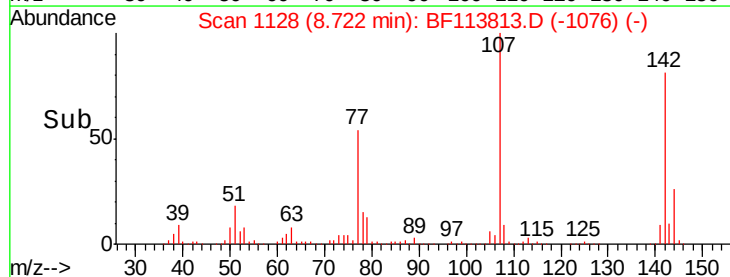
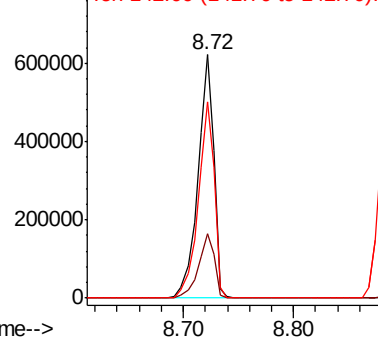


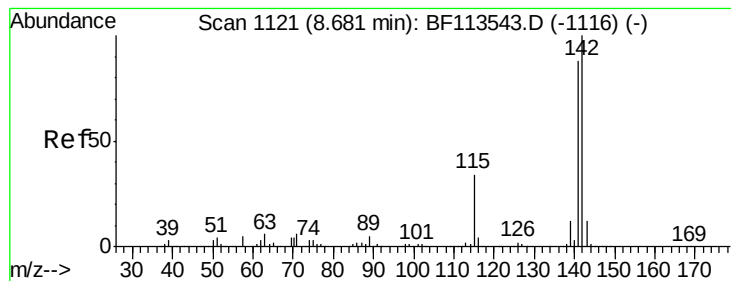
#36
 4-Chloro-3-methylphenol
 Concen: 59.939 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:107 Resp: 623695
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 80.6 64.2 96.4



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

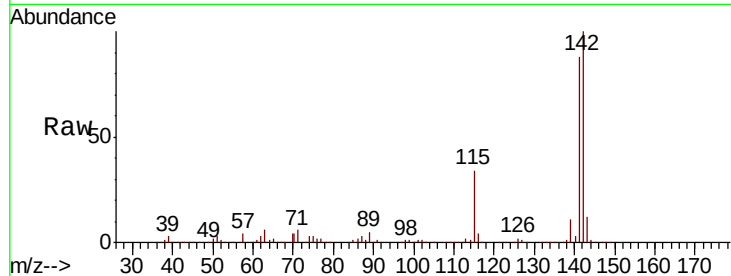




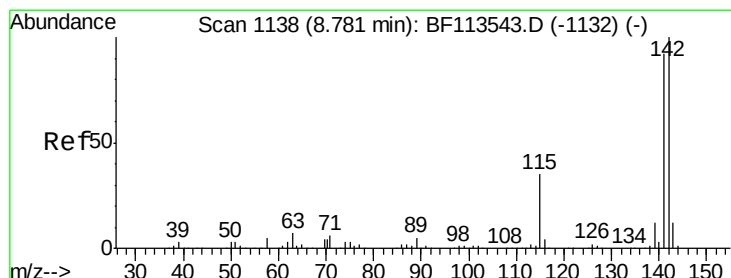
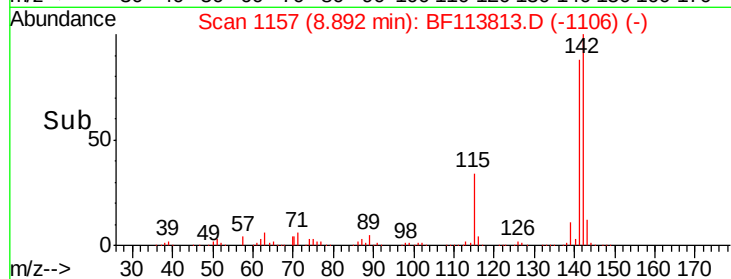
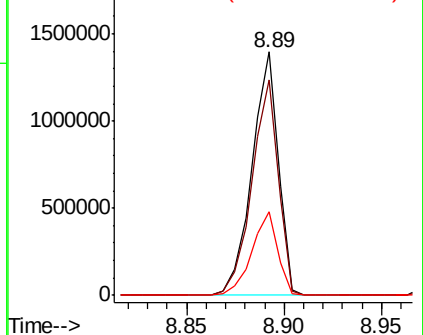
#37
2-Methylnaphthalene
Concen: 57.057 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1302180
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 34.3 26.3 39.5

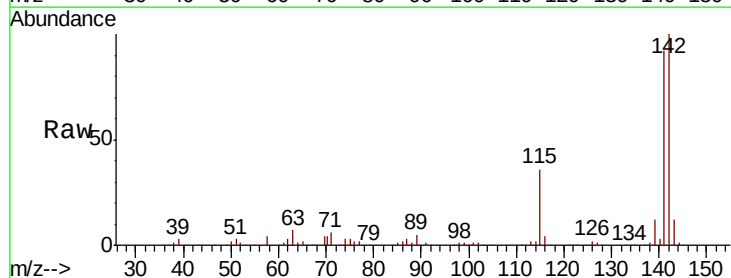


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

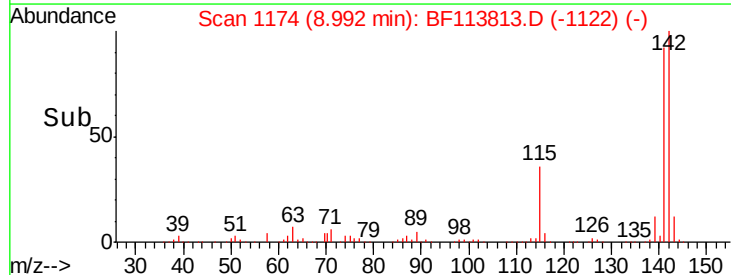
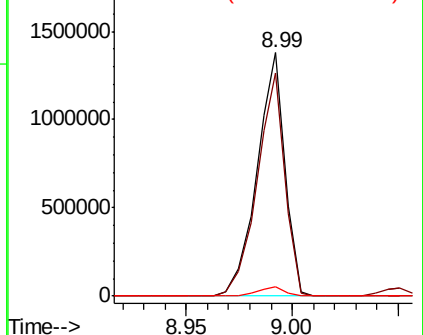


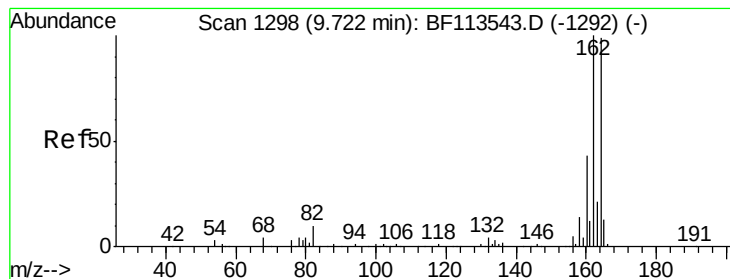
#38
1-Methylnaphthalene
Concen: 57.288 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:142 Resp: 1260714
Ion Ratio Lower Upper
142 100
141 91.5 72.3 108.5
116 3.8 3.0 4.4



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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampled :

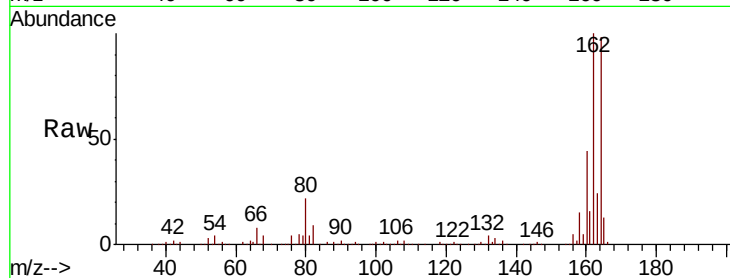
Tot Ion:164 Resp: 365478

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

160 44.9 35.8 53.6

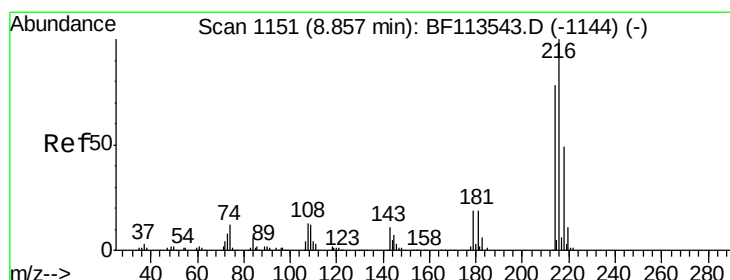
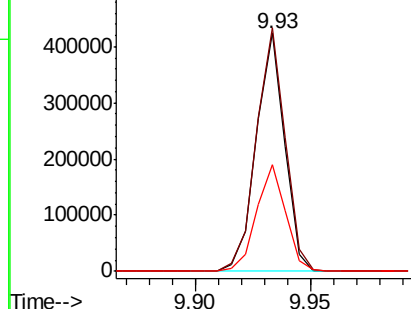
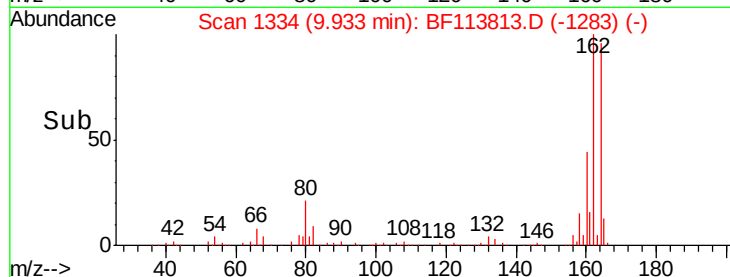


Abundance

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: 57.436 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Tgt Ion:216 Resp: 678893

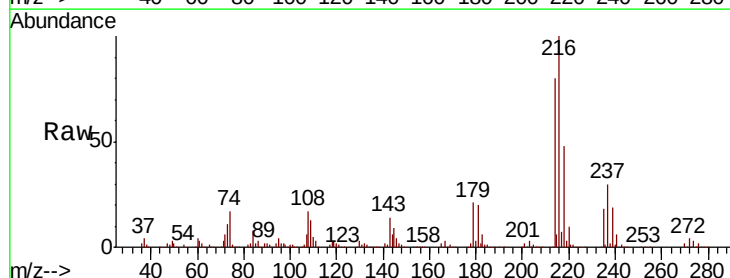
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 20.2 16.1 24.1

108 16.7 13.4 20.0



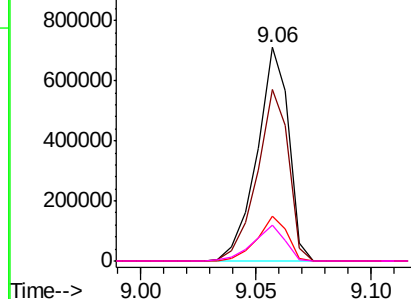
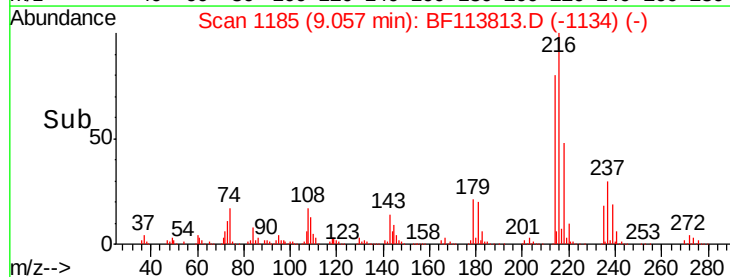
Abundance

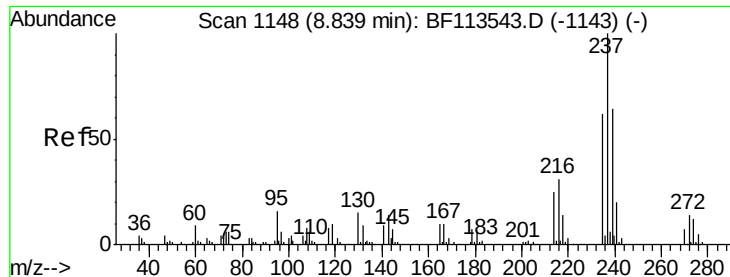
Ion 216.00 (215.70 to 216.70): E

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: 109.703 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampled :

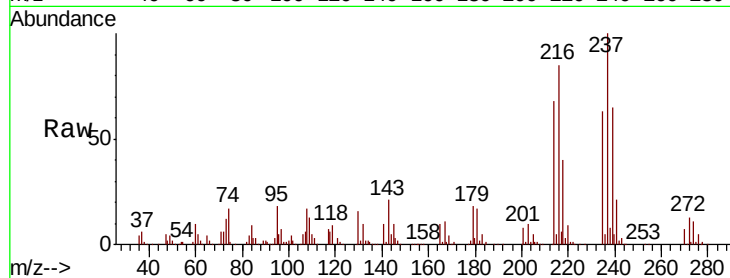
Tot Ion:237 Resp: 385195

Ion Ratio Lower Upper

237 100

235 63.4 42.6 82.6

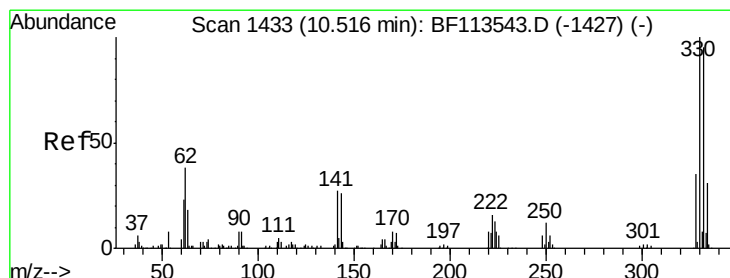
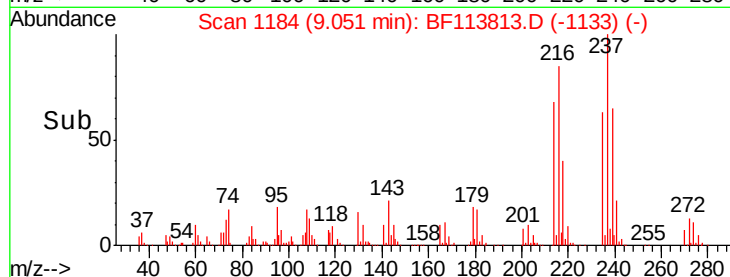
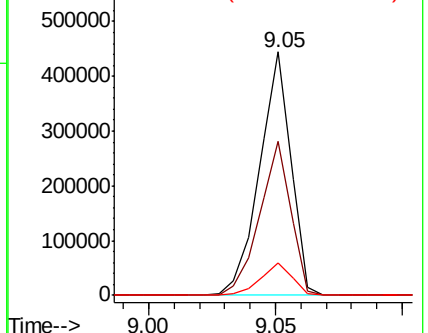
272 13.2 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.980 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

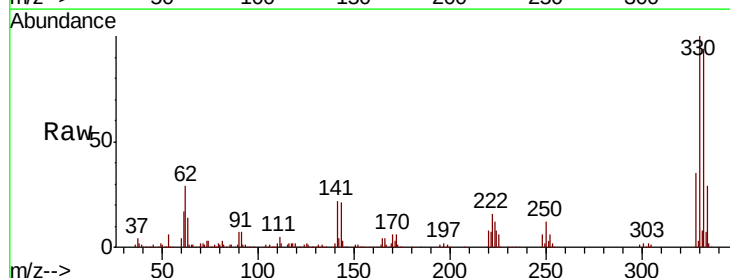
Tgt Ion:330 Resp: 487232

Ion Ratio Lower Upper

330 100

332 95.0 77.5 116.3

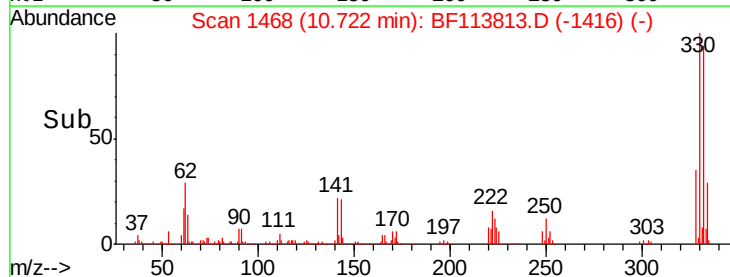
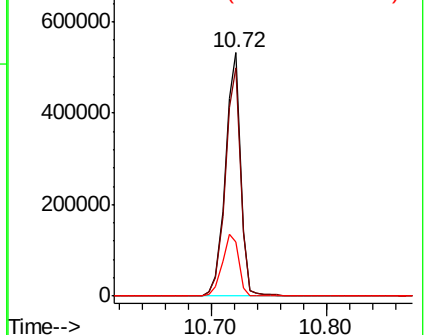
141 27.7 22.2 33.2

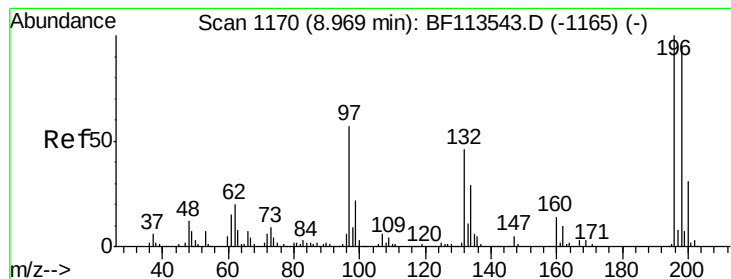


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 60.577 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampled :

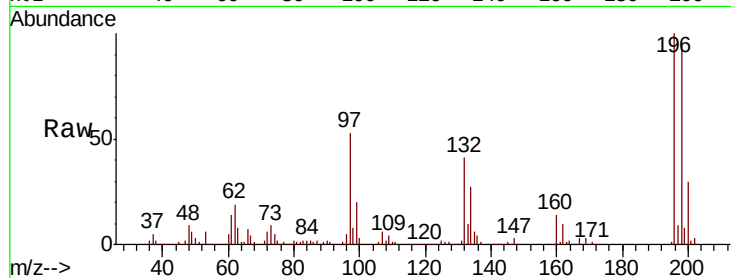
Tot Ion:196 Resp: 451962

Ion Ratio Lower Upper

196 100

198 95.6 75.6 113.4

200 30.0 24.7 37.1

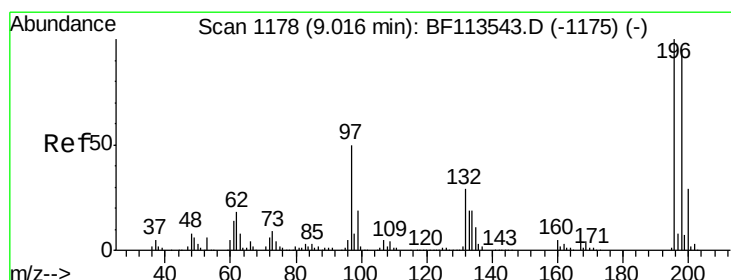
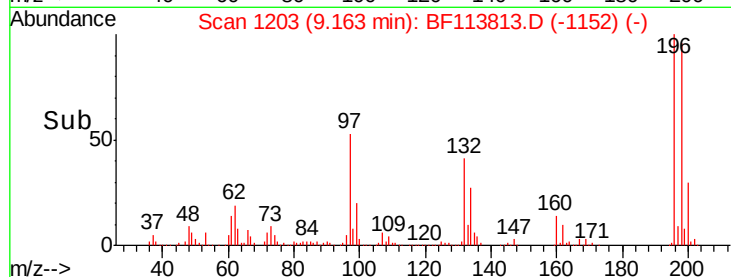
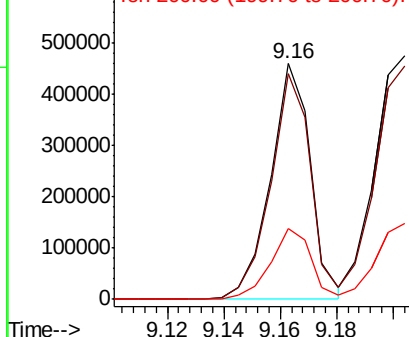


Abundance

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: 59.910 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Tgt Ion:196 Resp: 479881

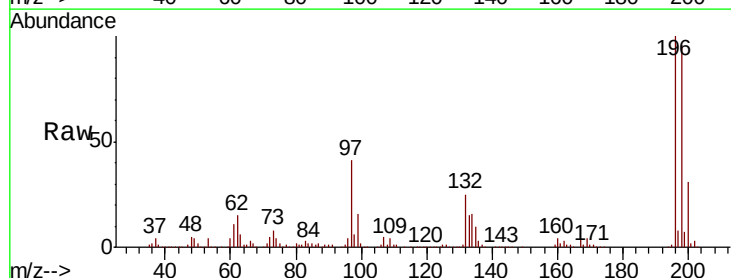
Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.4

97 40.9 35.8 53.8

132 24.7 20.9 31.3



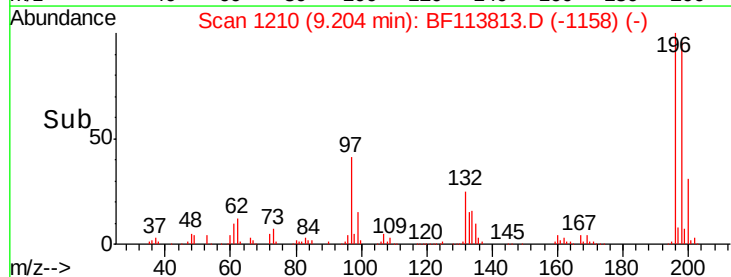
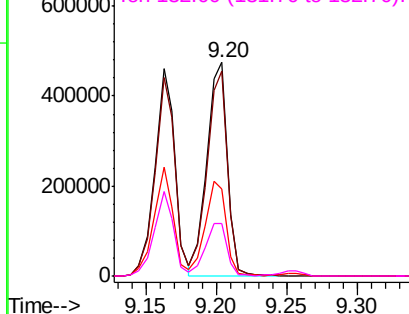
Abundance

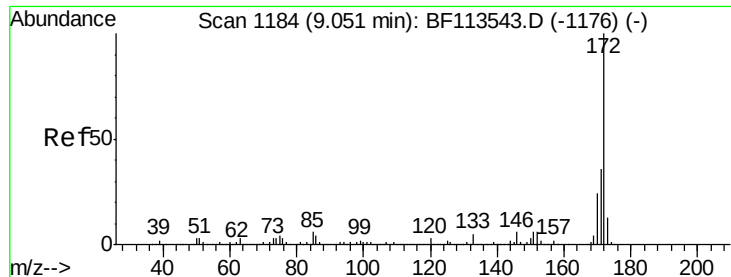
Ion 196.00 (195.70 to 196.70): E

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

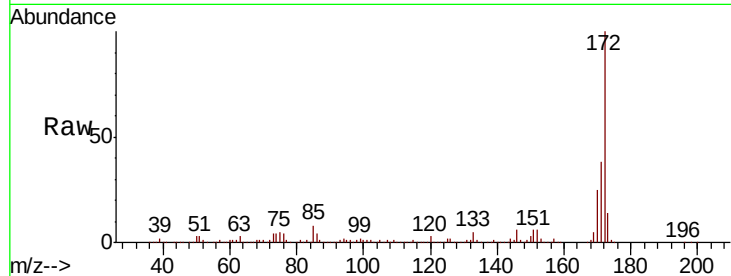




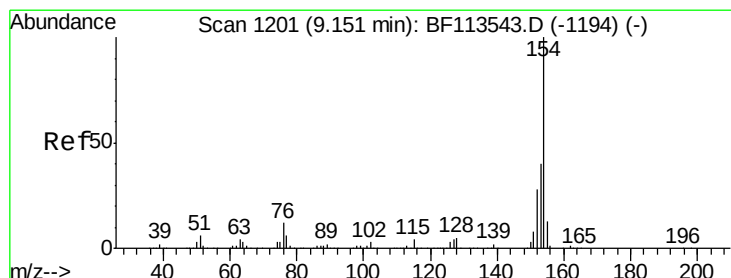
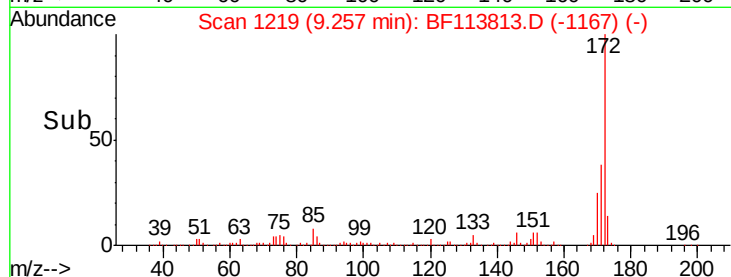
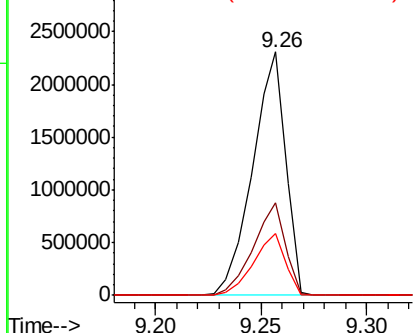
#45
2-Fluorobiphenyl
Concen: 110.328 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2504669
Ion Ratio Lower Upper
172 100
171 38.0 29.4 44.0
170 25.4 19.9 29.9

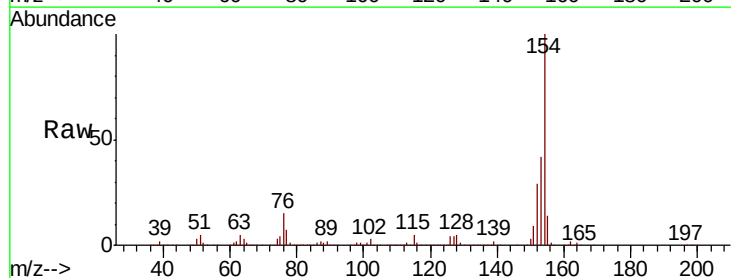


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

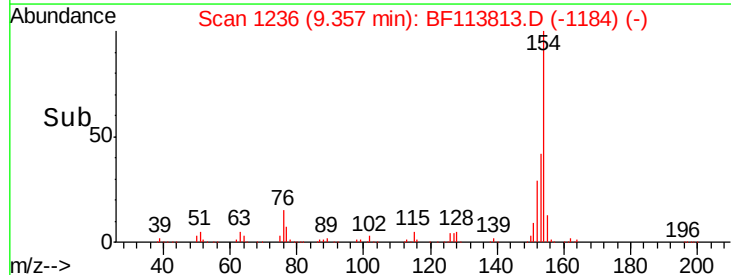
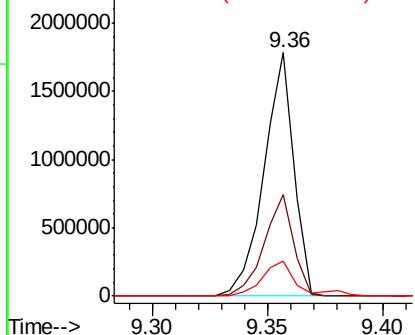


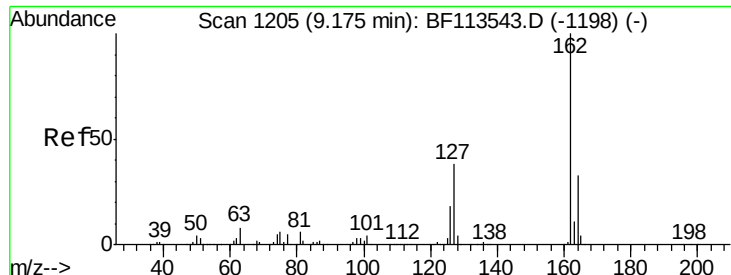
#46
1,1'-Biphenyl
Concen: 52.934 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:154 Resp: 1596429
Ion Ratio Lower Upper
154 100
153 41.5 20.8 60.8
76 14.6 0.0 35.2



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

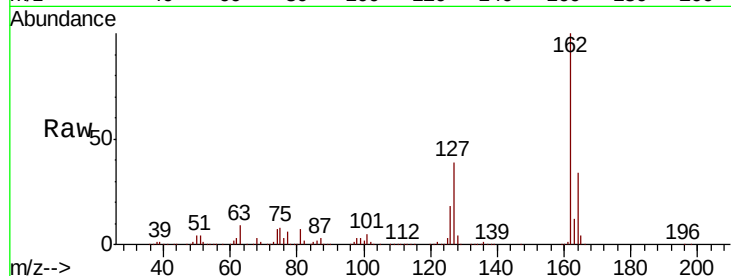




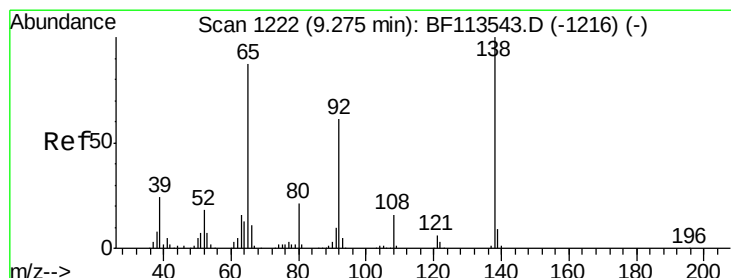
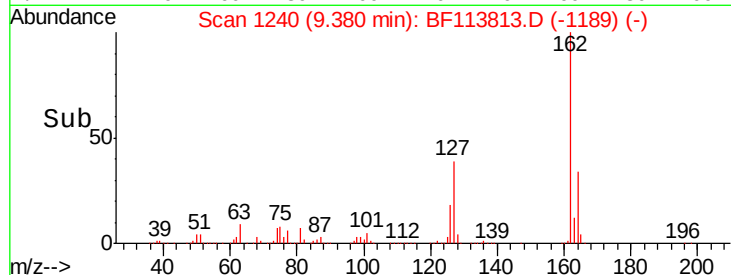
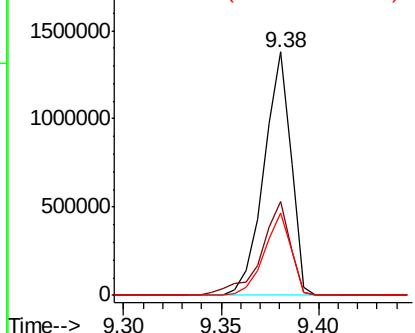
#47
 2-Chloronaphthalene
 Concen: 57.958 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1323432
 Ion Ratio Lower Upper
 162 100
 127 38.7 29.3 43.9
 164 33.8 27.1 40.7

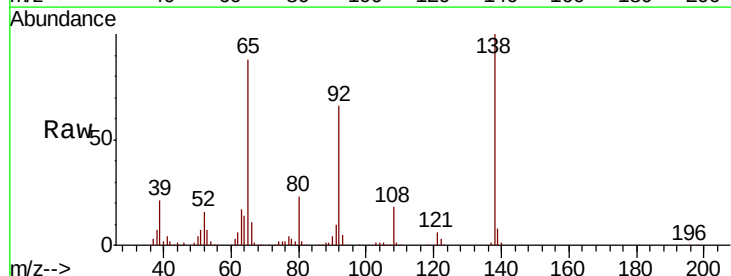


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

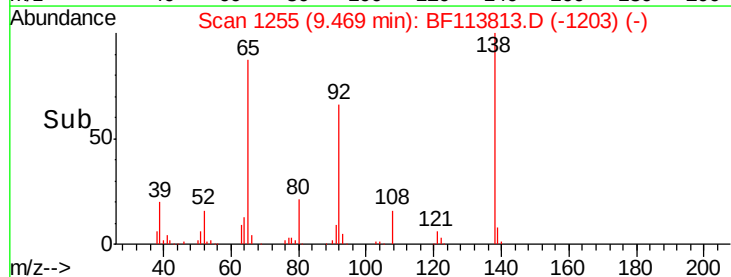
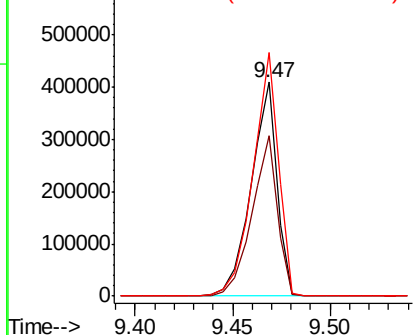


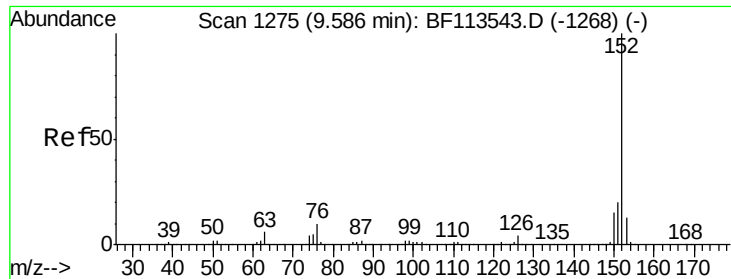
#48
 2-Nitroaniline
 Concen: 53.652 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion: 65 Resp: 374868
 Ion Ratio Lower Upper
 65 100
 92 74.8 57.4 86.0
 138 113.8 85.4 128.0



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: 54.863 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

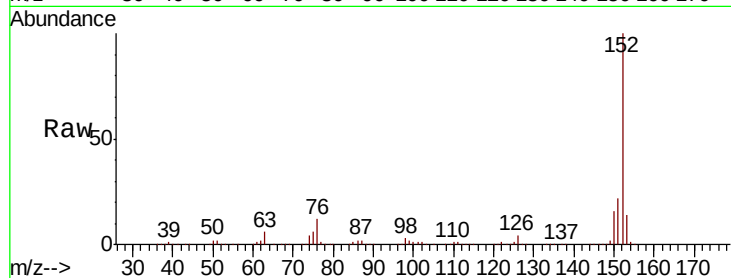
Tot Ion:152 Resp: 2037129

Ion Ratio Lower Upper

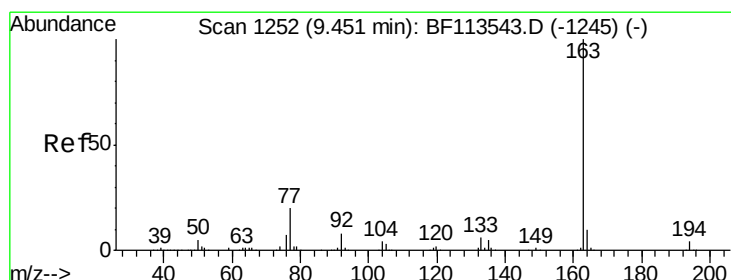
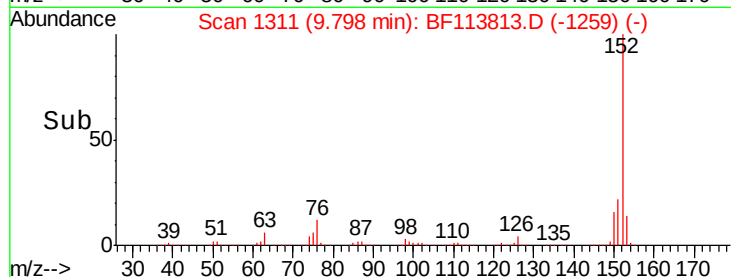
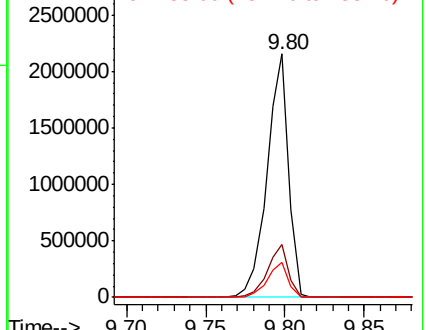
152 100

151 21.5 17.0 25.4

153 14.1 11.0 16.6



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



#50

Dimethylphthalate

Concen: 55.584 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

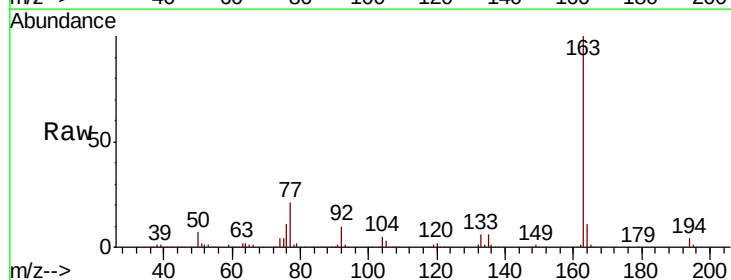
Tgt Ion:163 Resp: 1497466

Ion Ratio Lower Upper

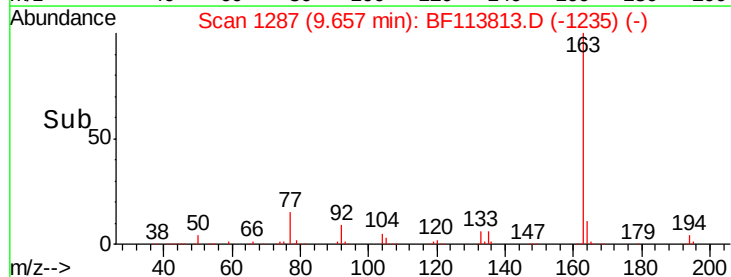
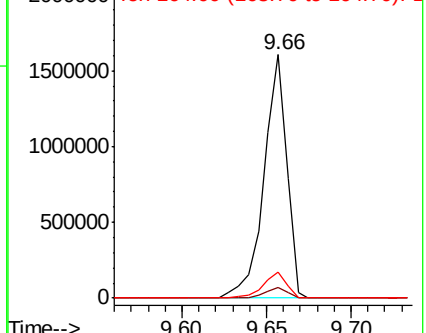
163 100

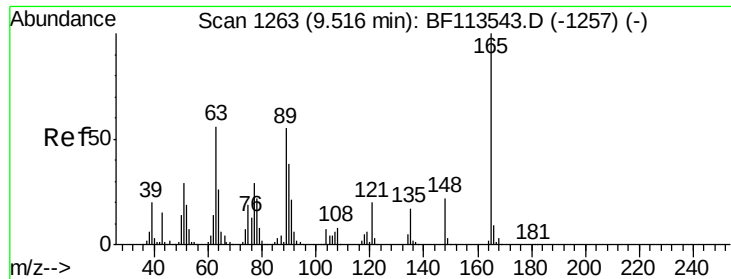
194 4.4 3.4 5.2

164 10.7 8.5 12.7



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

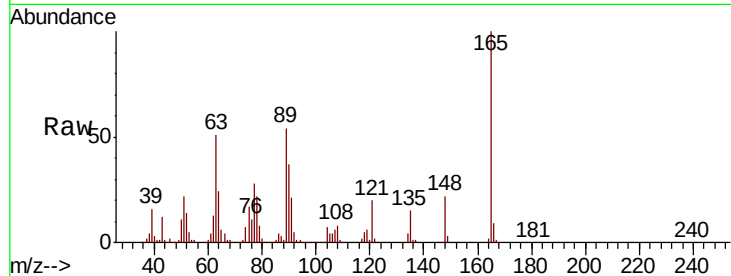




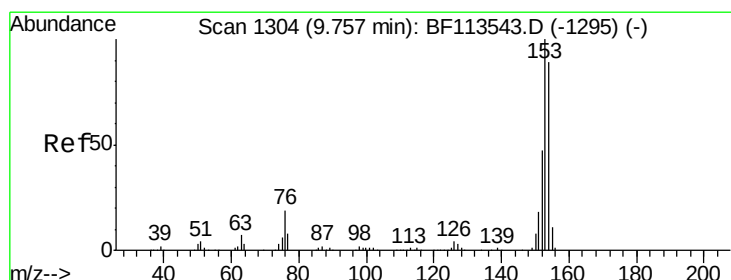
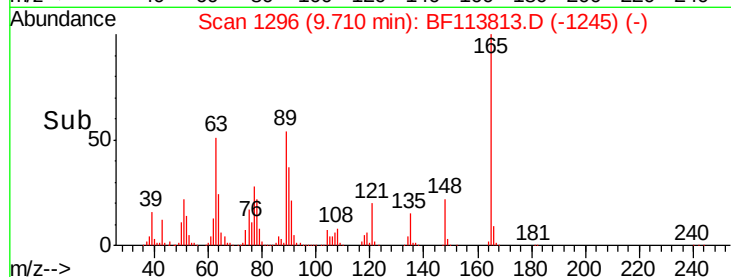
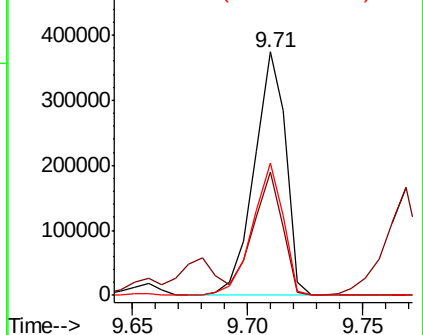
#51
 2,6-Dinitrotoluene
 Concen: 59.980 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 356190
 Ion Ratio Lower Upper
 165 100
 63 50.8 33.8 50.8#
 89 54.4 38.2 57.2

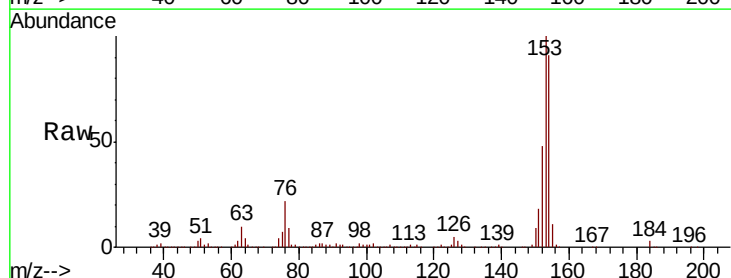


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

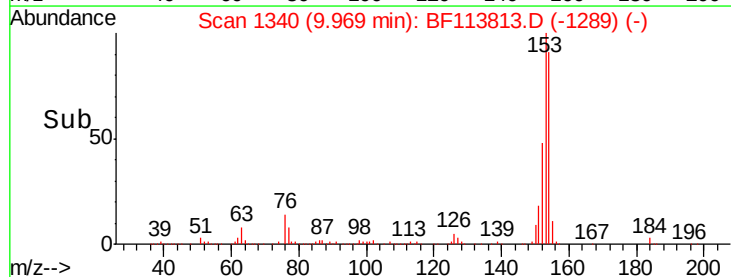
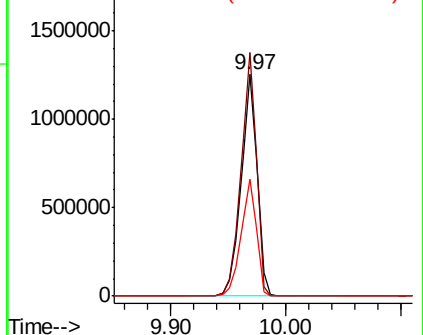


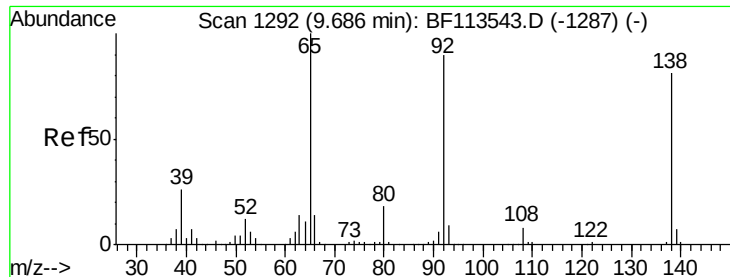
#52
 Acenaphthene
 Concen: 56.618 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:154 Resp: 1203404
 Ion Ratio Lower Upper
 154 100
 153 110.0 87.2 130.8
 152 53.1 42.3 63.5



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

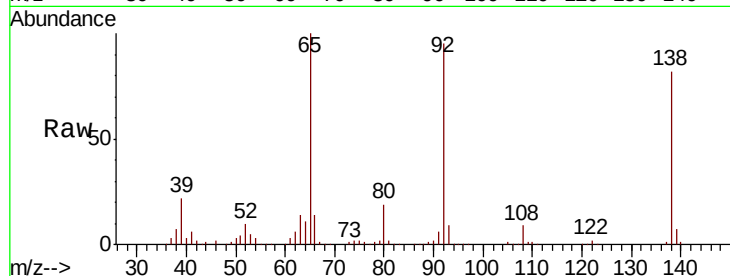




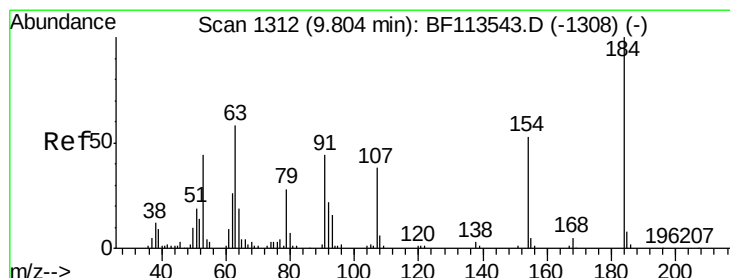
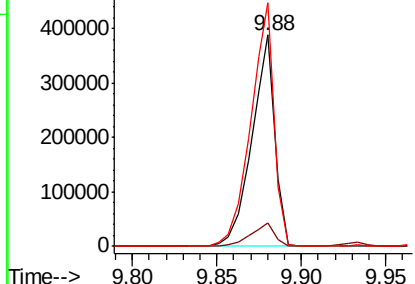
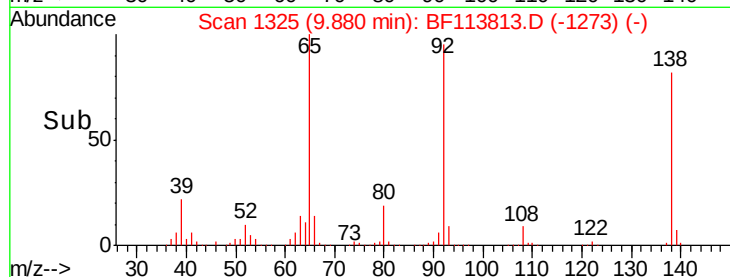
#53
3-Nitroaniline
Concen: 54.597 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 368627
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.2
92 115.2 94.1 141.1

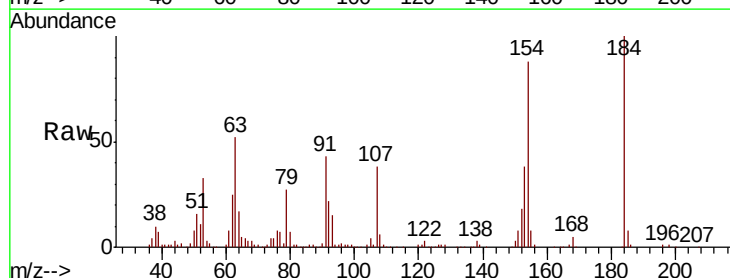


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

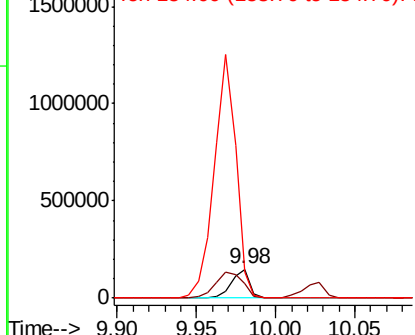
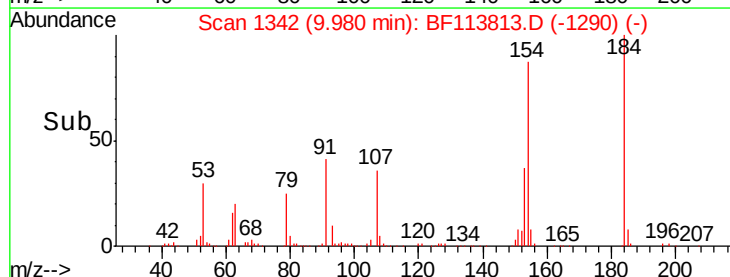


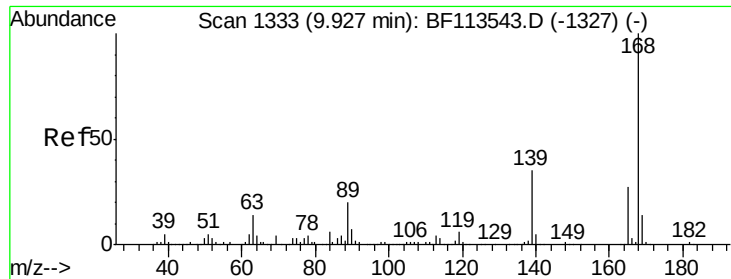
#54
2,4-Dinitrophenol
Concen: 42.935 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:184 Resp: 119285
Ion Ratio Lower Upper
184 100
63 51.7 54.6 81.8#
154 87.6 218.6 328.0#



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

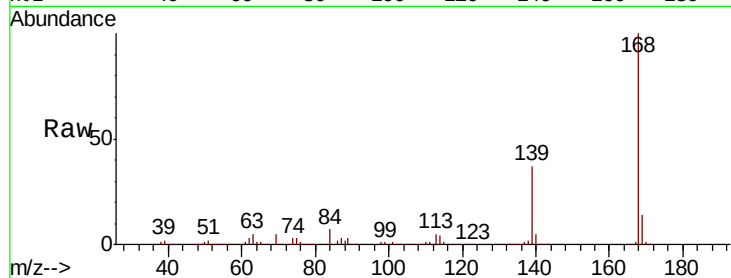




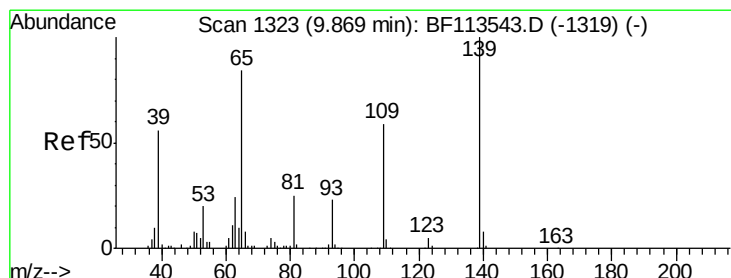
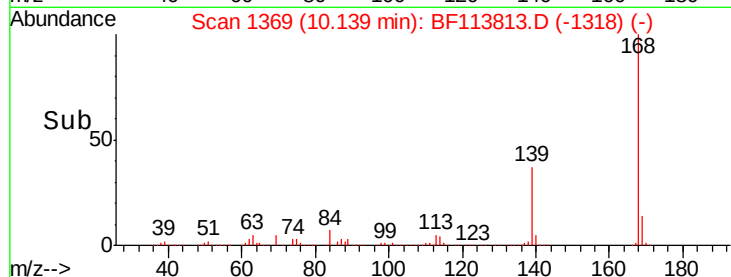
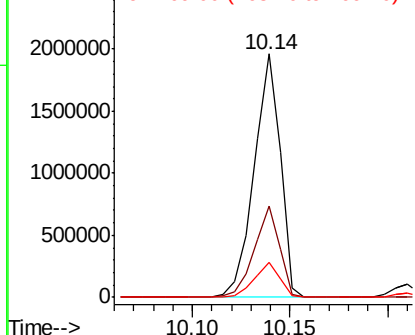
#55
 Dibenzofuran
 Concen: 58.096 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:168 Resp: 1811367
 Ion Ratio Lower Upper
 168 100
 139 37.3 27.8 41.6
 169 14.5 11.0 16.6

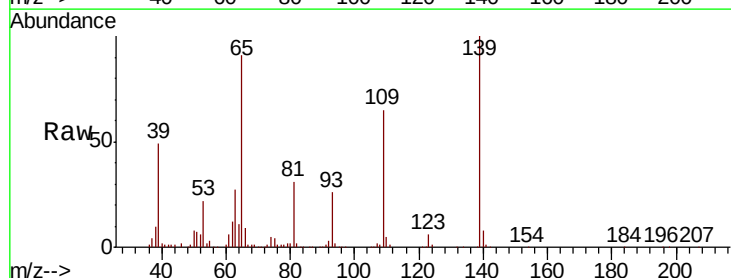


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

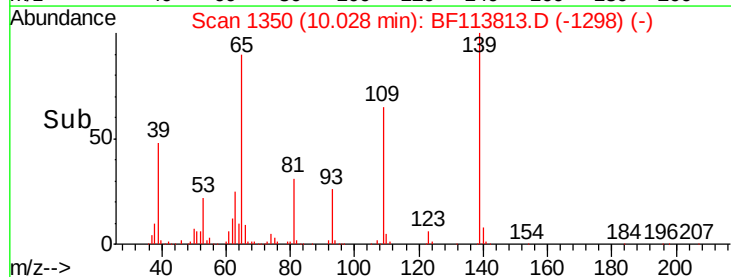
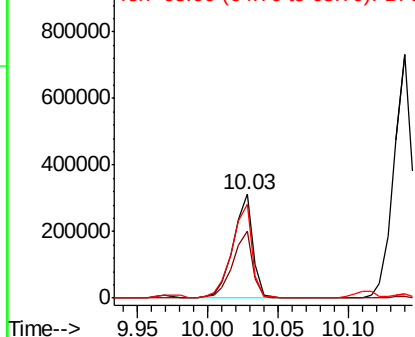


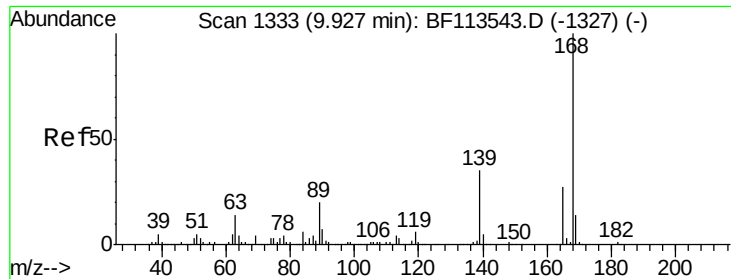
#56
 4-Nitrophenol
 Concen: 72.751 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:139 Resp: 304698
 Ion Ratio Lower Upper
 139 100
 109 65.1 42.9 82.9
 65 90.6 64.4 104.4



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

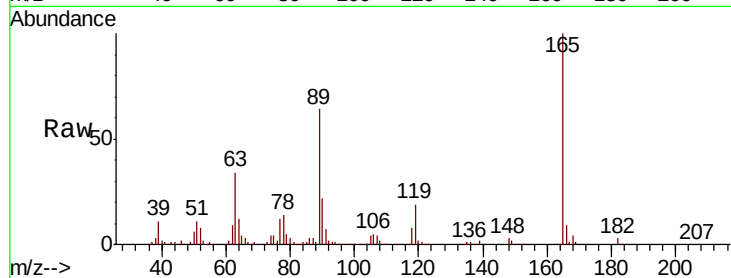




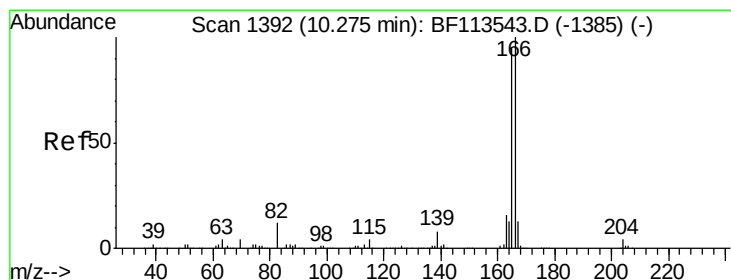
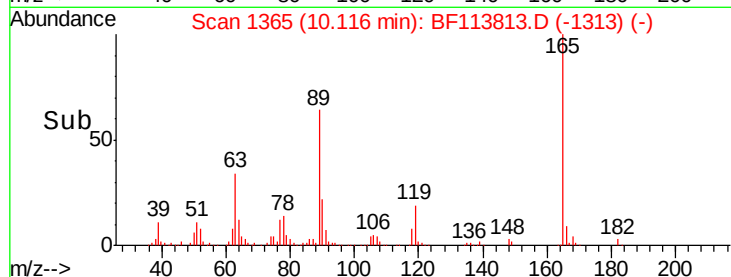
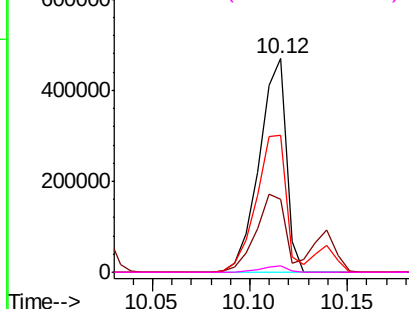
#57
 2,4-Dinitrotoluene
 Concen: 62.611 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 449680
 Ion Ratio Lower Upper
 165 100
 63 34.2 27.4 41.0
 89 63.9 51.8 77.6
 182 2.8 2.2 3.2

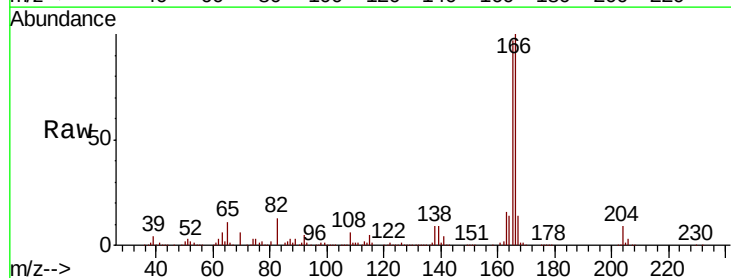


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

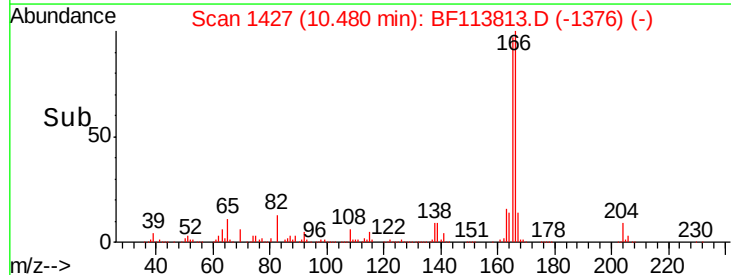
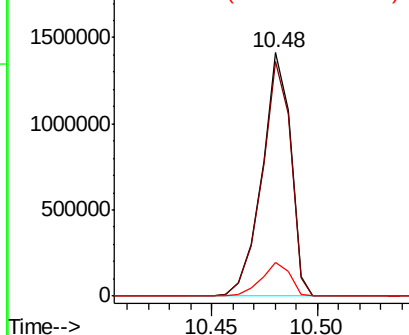


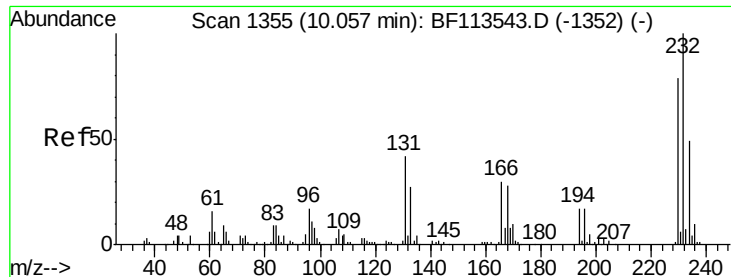
#58
 Fluorene
 Concen: 54.100 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:166 Resp: 1334099
 Ion Ratio Lower Upper
 166 100
 165 96.6 78.4 117.6
 167 13.7 10.9 16.3



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

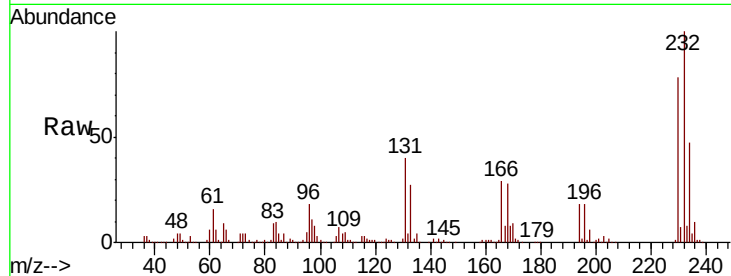




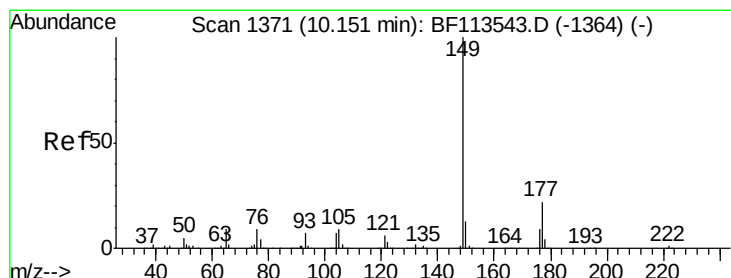
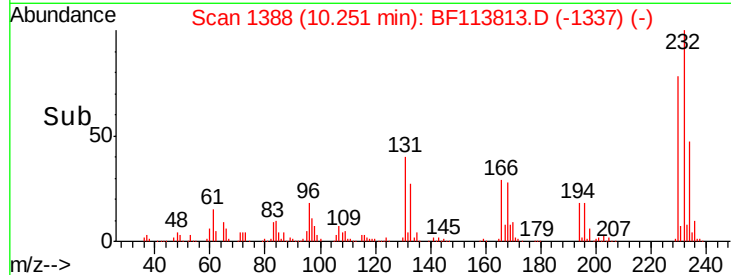
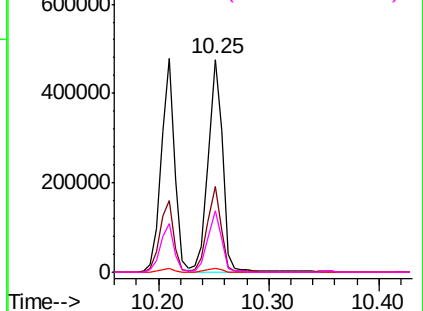
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.880 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	415172
Ion	Ratio	Lower	Upper
232	100		
131	38.7	30.2	45.2
130	1.8	1.5	2.3
166	27.6	22.2	33.4

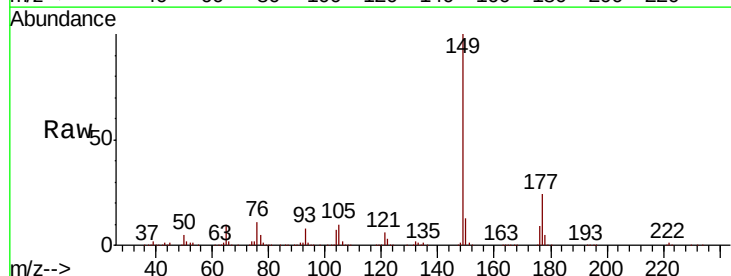


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

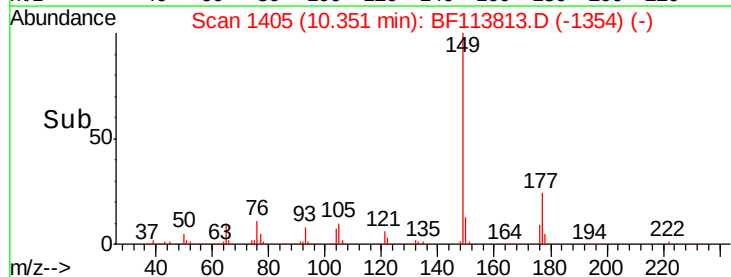
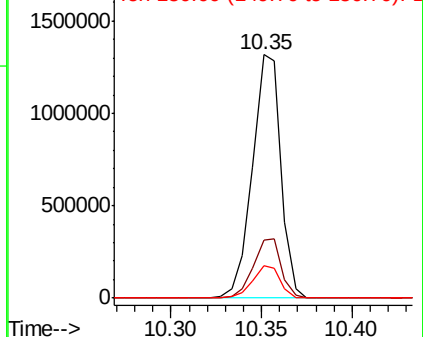


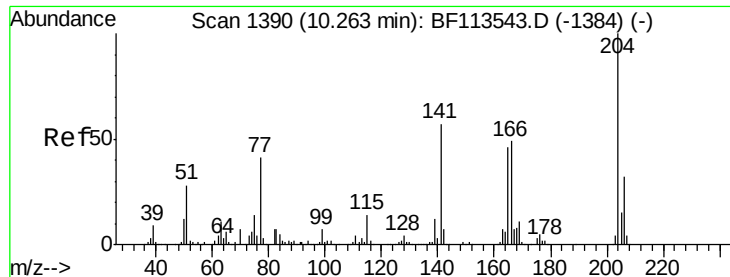
#60
 Diethylphthalate
 Concen: 55.356 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:	149	Resp:	1437847
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.2	28.8
150	13.2	10.3	15.5



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

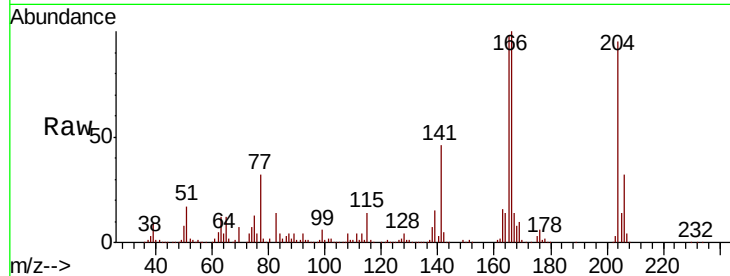




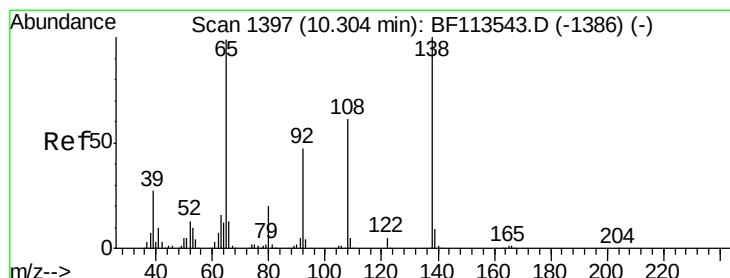
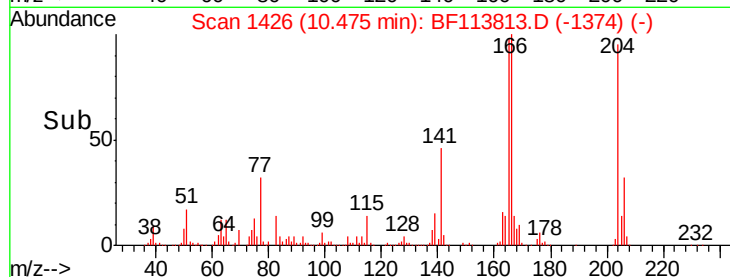
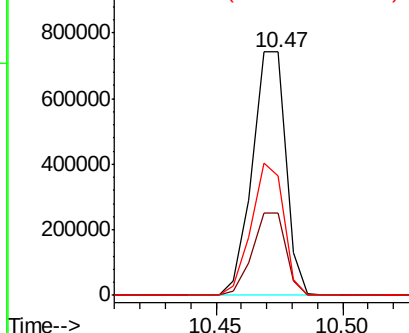
#61
 4-Chlorophenyl-phenylether
 Concen: 56.880 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	689920
Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.4	41.2
141	48.9	42.6	63.8

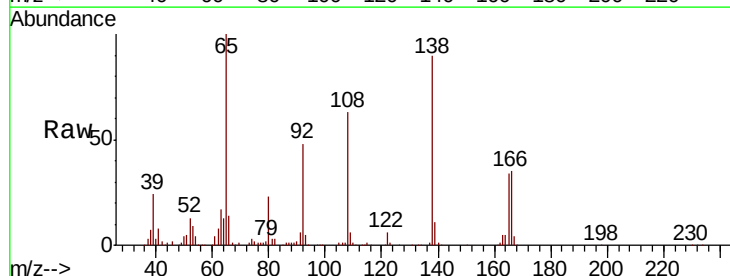


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

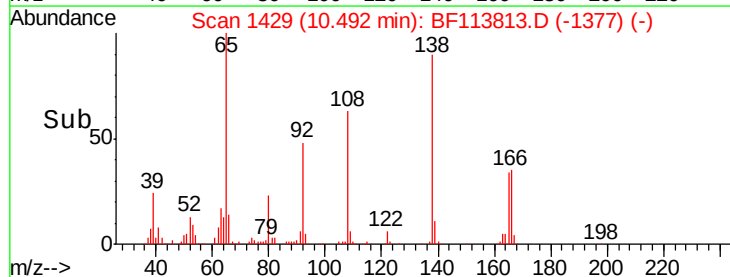
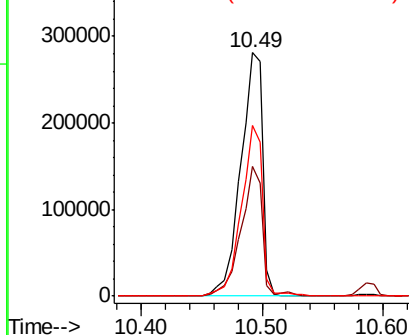


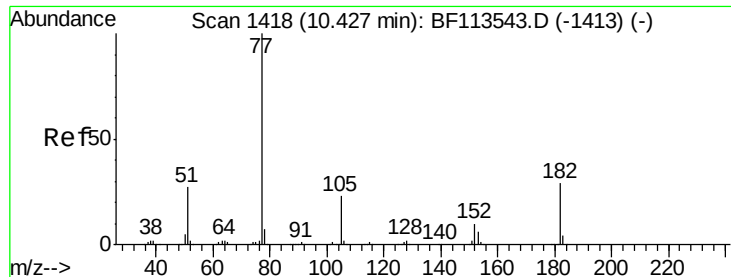
#62
 4-Nitroaniline
 Concen: 51.867 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:	138	Resp:	356107
Ion	Ratio	Lower	Upper
138	100		
92	53.4	31.3	71.3
108	70.4	48.9	88.9



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: 59.402 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

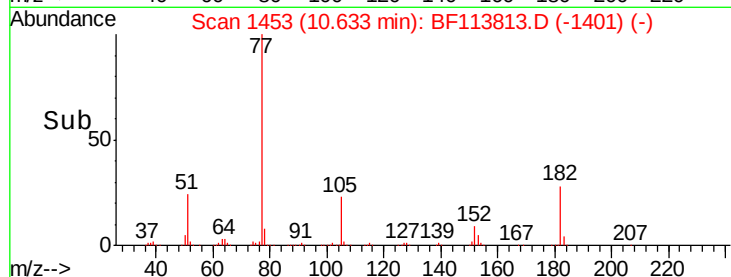
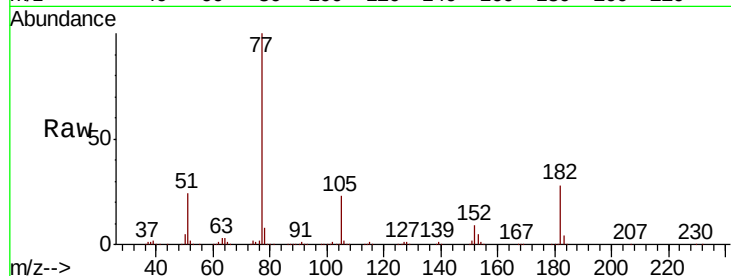
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1460915

Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.4	44.4
105	23.1	2.2	42.2
51	24.2	3.9	43.9

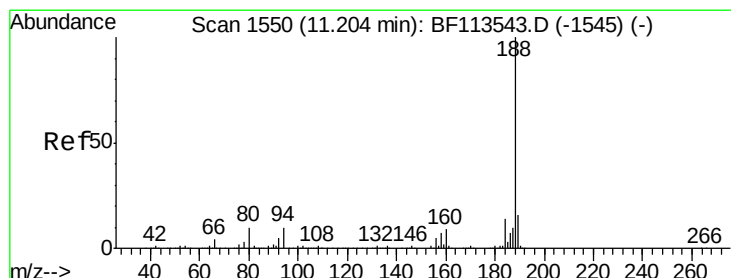


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

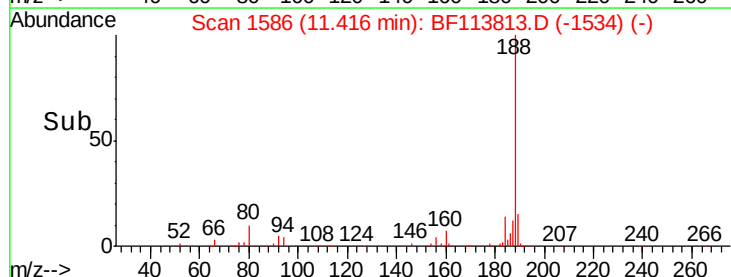
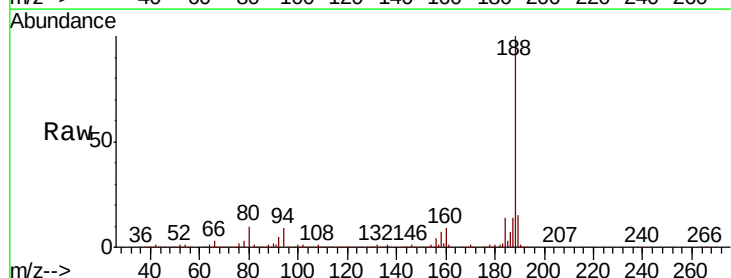
Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Tgt Ion: 188 Resp: 703219

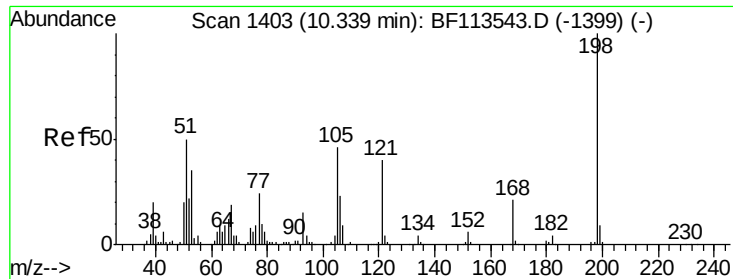
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	10.2	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

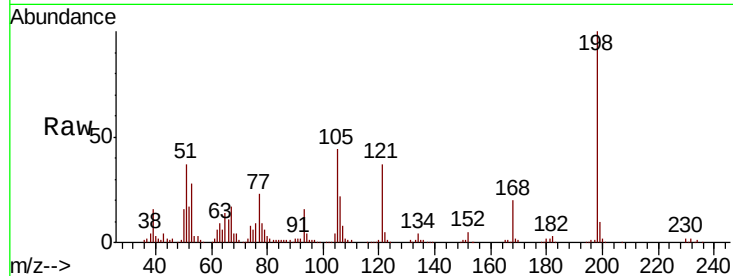
Ion 80.00 (79.70 to 80.70): BF1



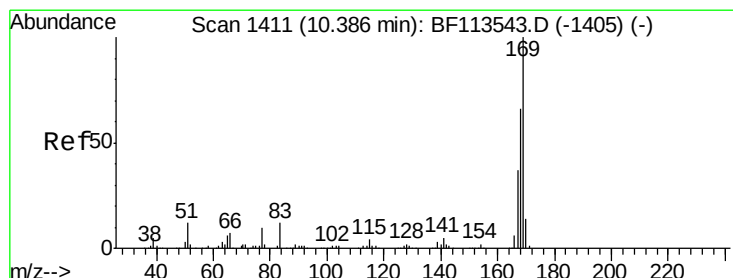
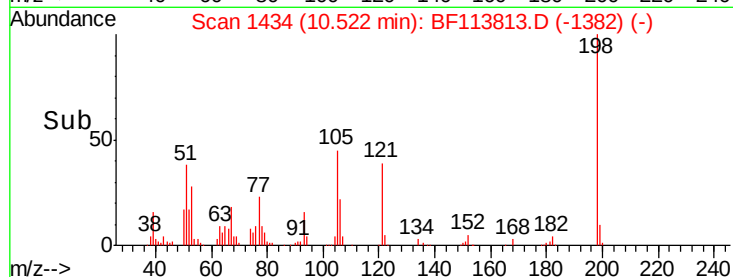
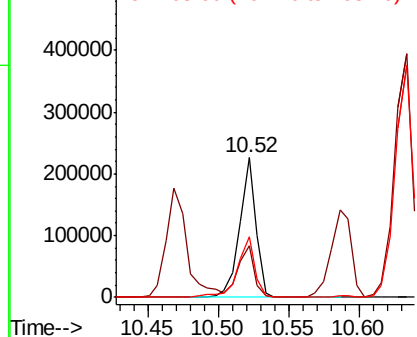
#65
4,6-Dinitro-2-methylphenol
Concen: 49.095 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 181755
Ion Ratio Lower Upper
198 100
51 36.8 11.1 51.1
105 43.7 20.7 60.7

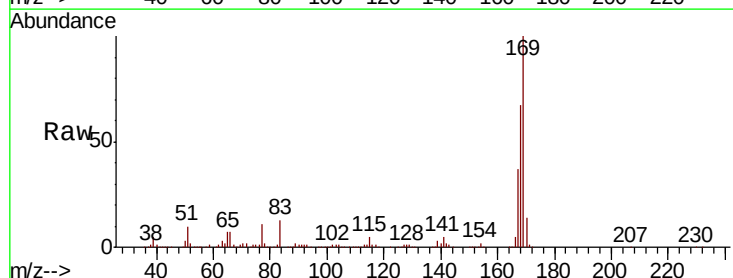


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

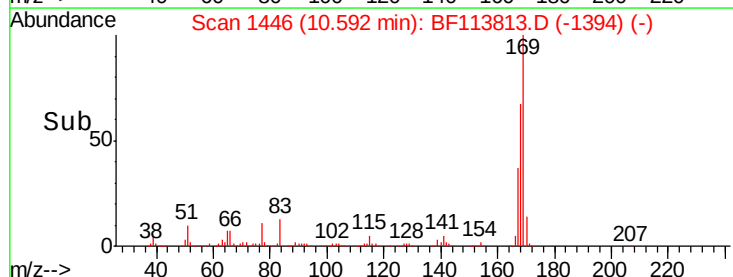
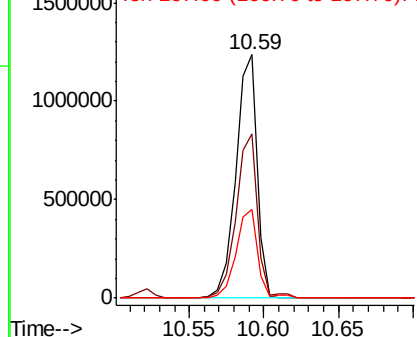


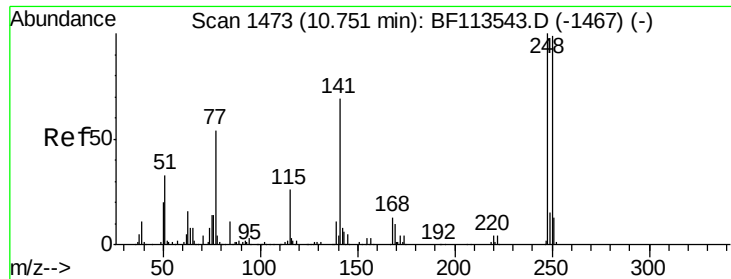
#66
n-Nitrosodiphenylamine
Concen: 57.244 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:169 Resp: 1235797
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 36.6 29.4 44.0



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

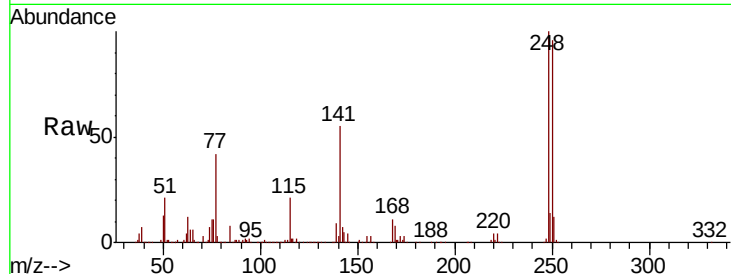




#67
4-Bromophenyl-phenylether
Concen: 61.384 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	75.8	113.6
141	54.5	50.2	75.4

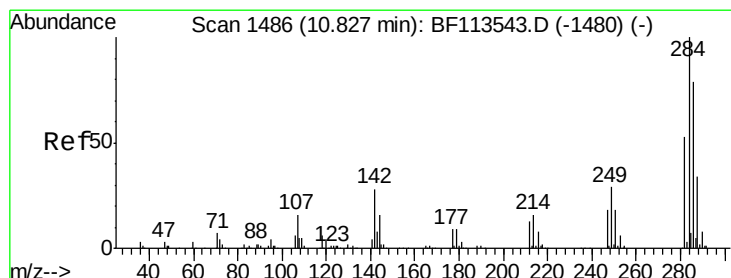
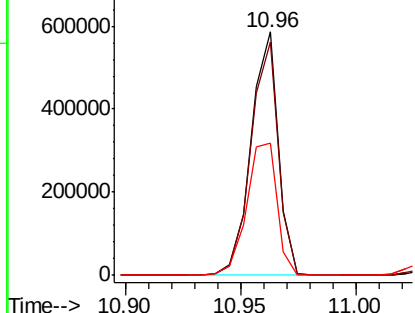
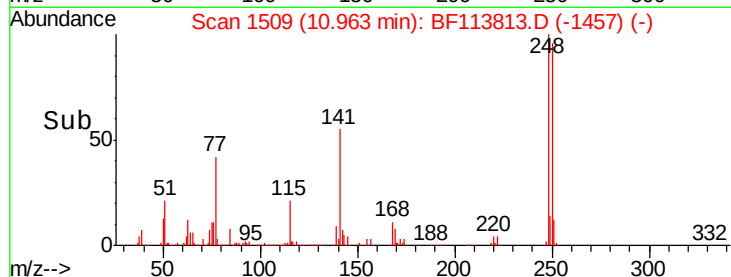


Abundance

Ion 248.00 (247.70 to 248.70): E

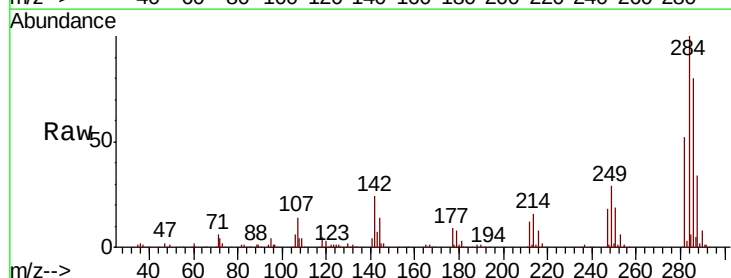
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 58.990 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.5	23.0	34.4
249	29.3	24.4	36.6

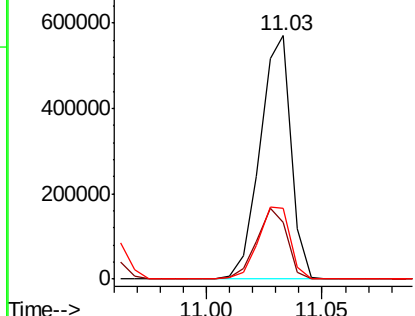
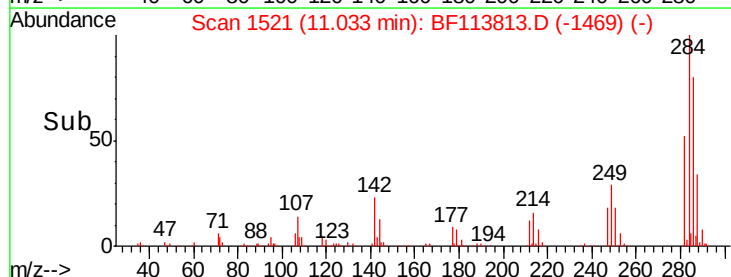


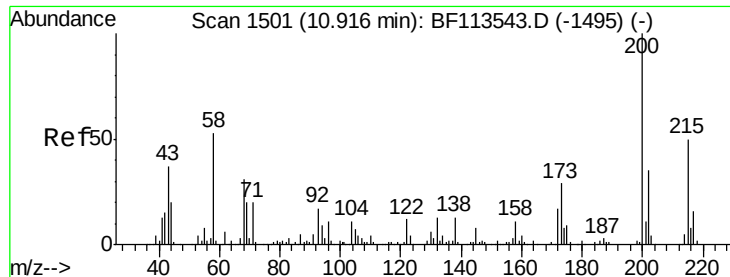
Abundance

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

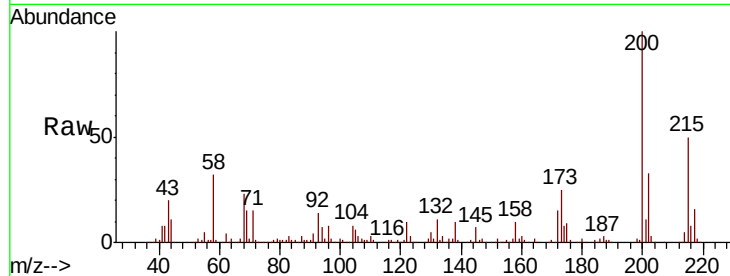




#69
Atrazine
Concen: 56.630 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.9	45.9
215	50.1	29.3	69.3

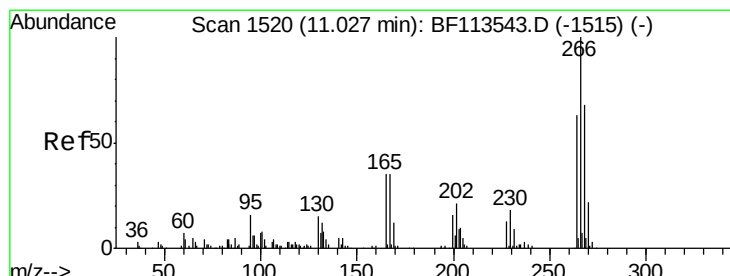
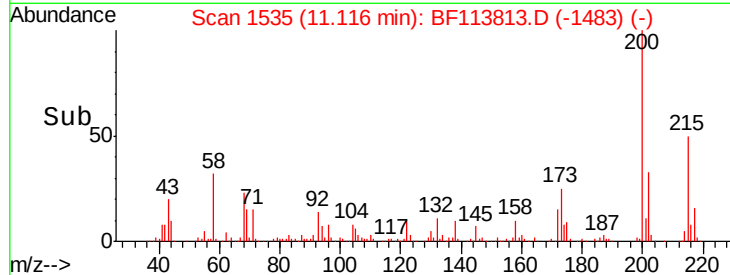
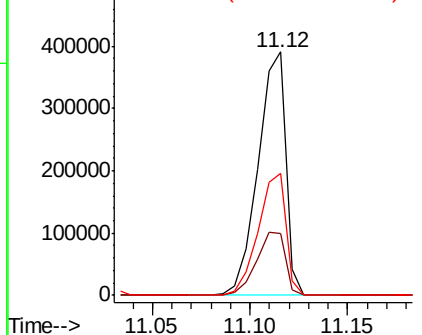


Abundance

Ion 200.00 (199.70 to 200.70): E

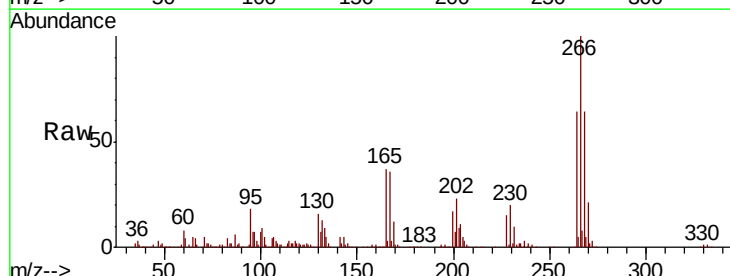
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 74.332 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	53.5	80.3
264	63.5	51.0	76.6

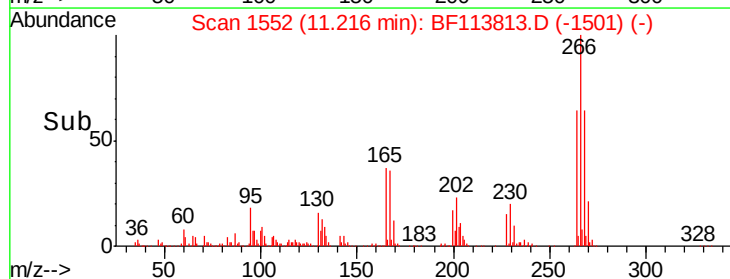
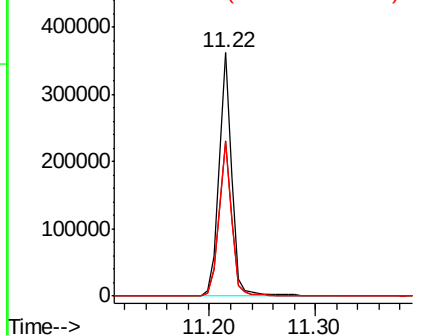


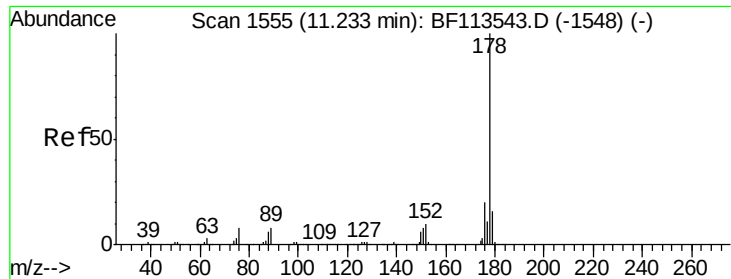
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

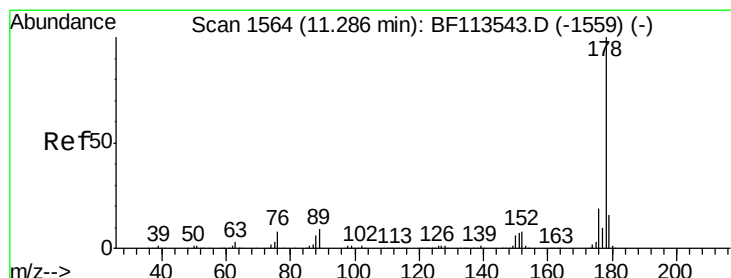
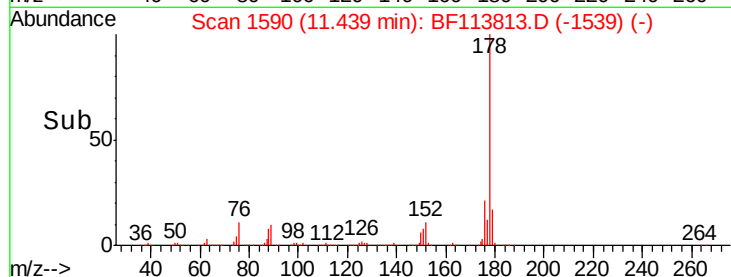
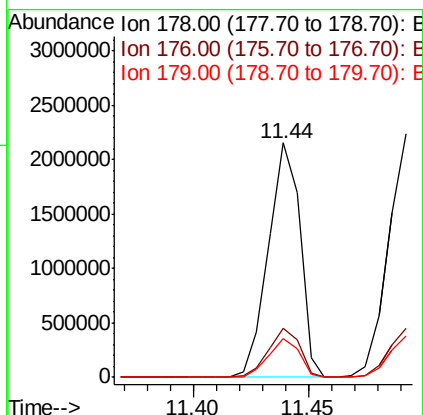
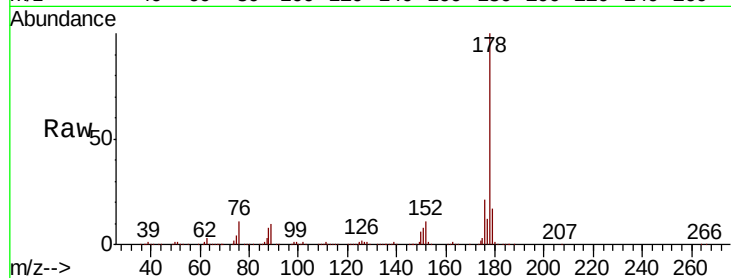




#71
Phenanthrene
Concen: 58.855 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

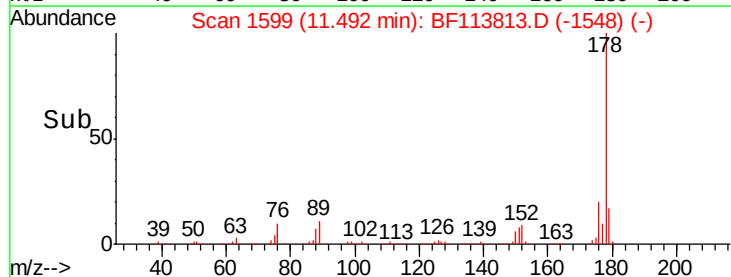
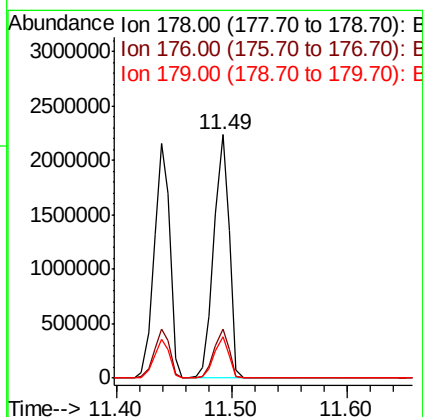
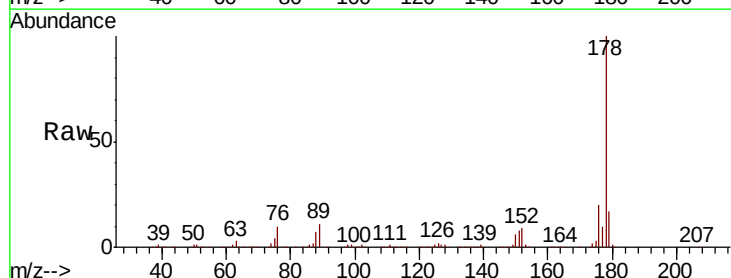
Instrument :
BNA_F
ClientSampleId :

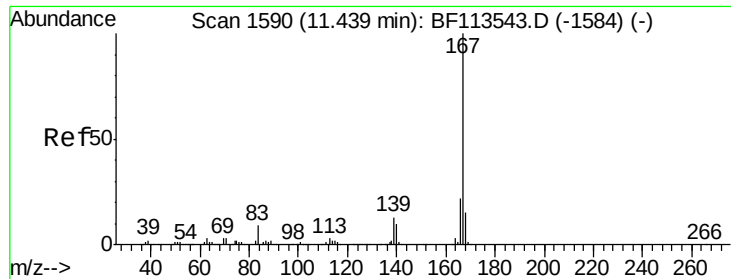
Tot Ion:178 Resp: 2056598
Ion Ratio Lower Upper
178 100
176 20.9 16.1 24.1
179 16.5 12.8 19.2



#72
Anthracene
Concen: 58.220 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:178 Resp: 2069840
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.8 13.0 19.4

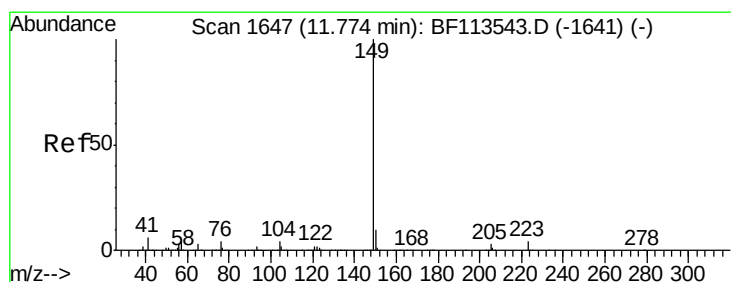
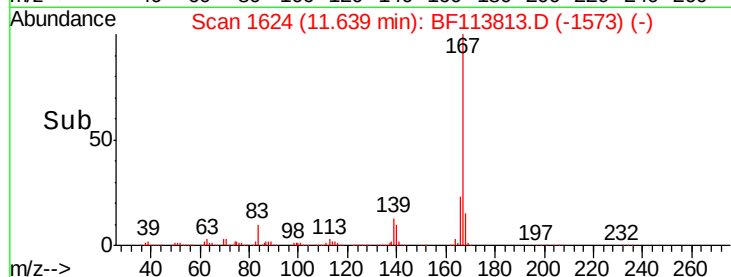
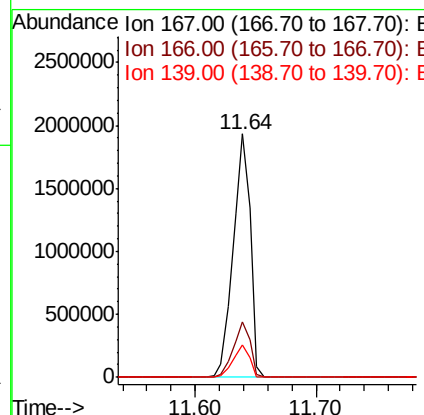
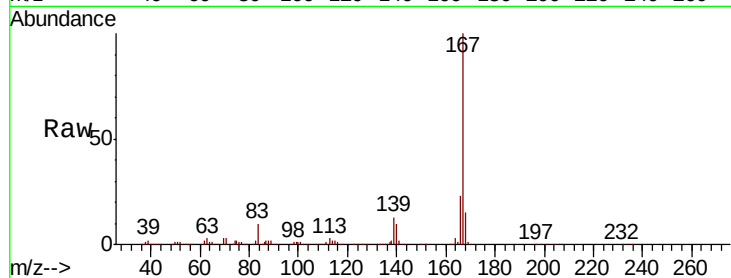




#73
 Carbazole
 Concen: 56.975 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

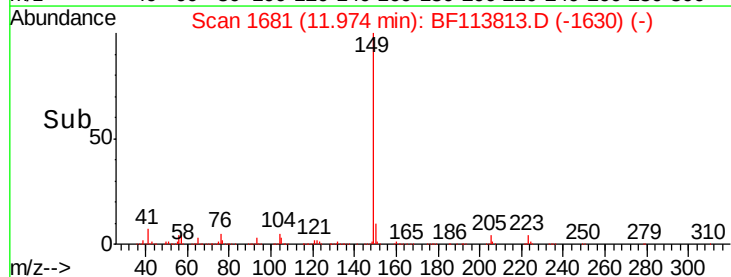
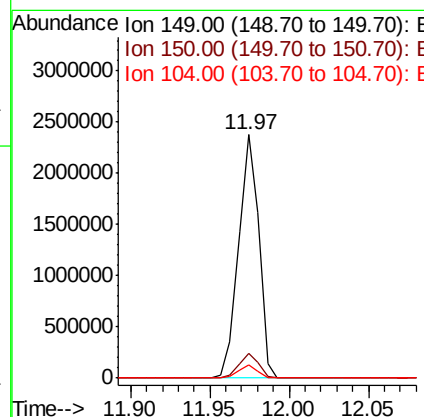
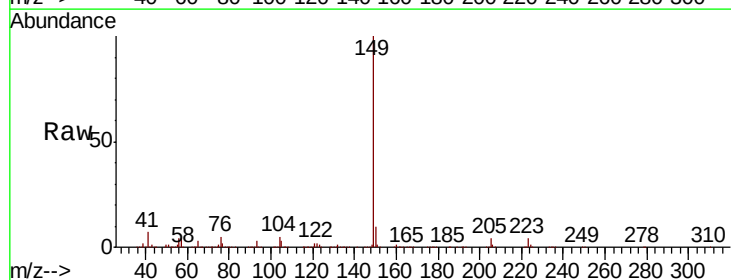
Instrument :
 BNA_F
 ClientSampleId :

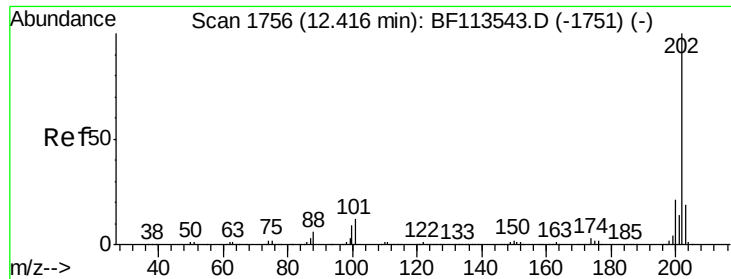
Tot Ion:167 Resp: 1894513
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 53.142 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF113813.D
 Acq: 18 Apr 2019 10:01

Tgt Ion:149 Resp: 2102068
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.3 3.8 5.8

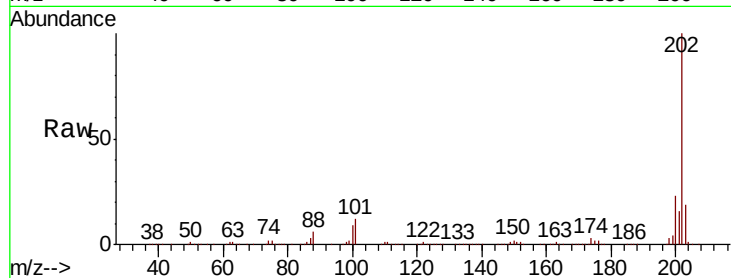




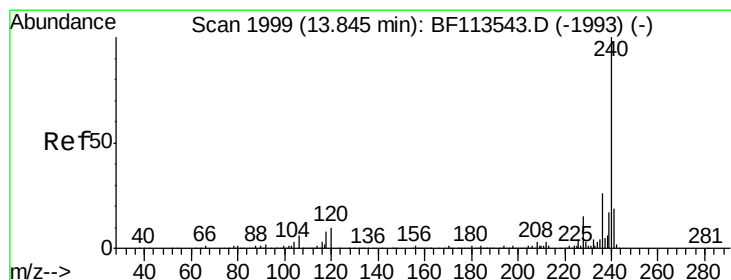
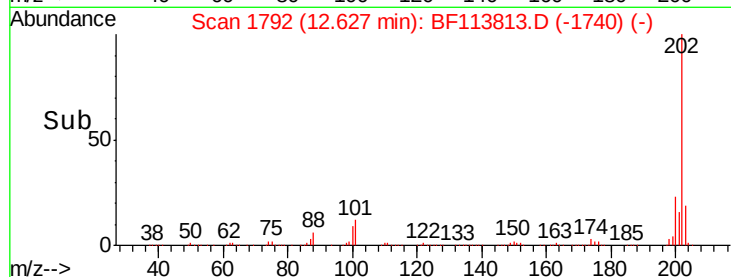
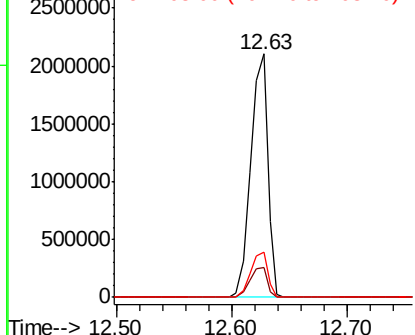
#75
Fluoranthene
Concen: 57.693 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2160286
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.9
203 18.6 0.0 38.2

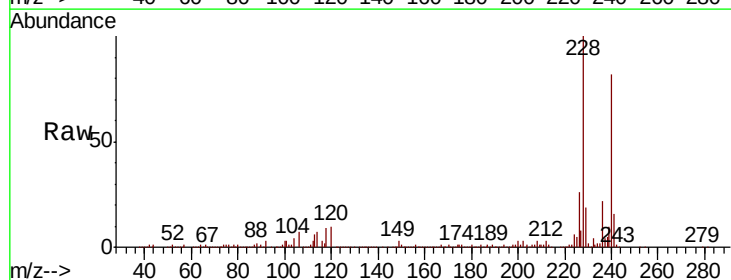


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

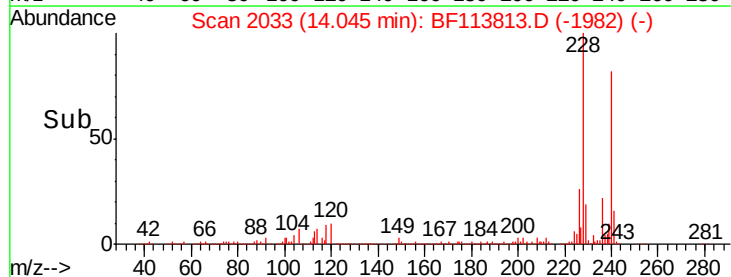
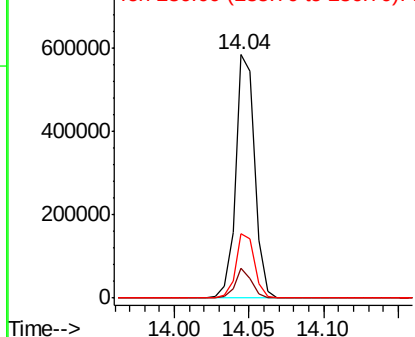


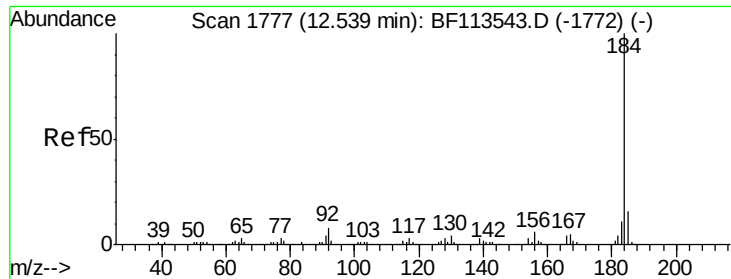
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:240 Resp: 522589
Ion Ratio Lower Upper
240 100
120 12.2 9.3 13.9
236 26.2 21.2 31.8



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: 38.752 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampled :

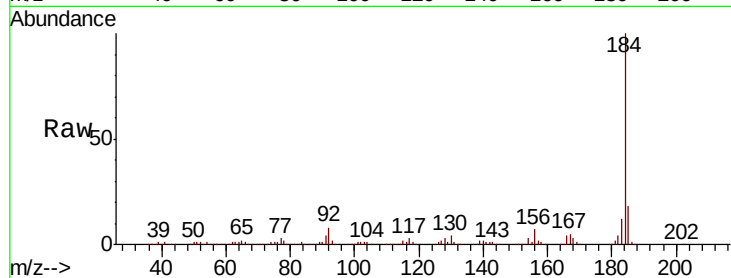
Tot Ion:184 Resp: 753085

Ion Ratio Lower Upper

184 100

185 17.7 13.0 19.6

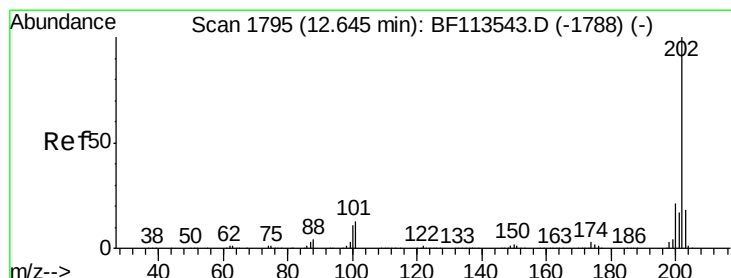
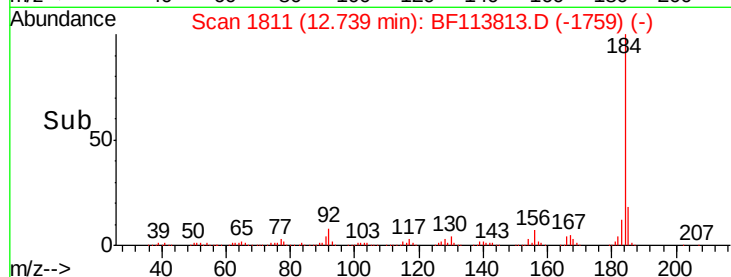
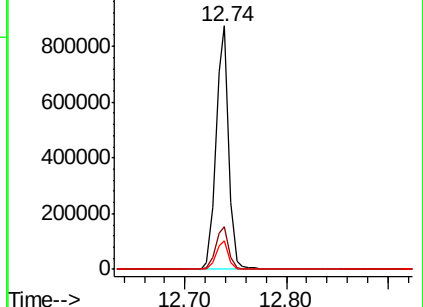
183 11.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.803 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

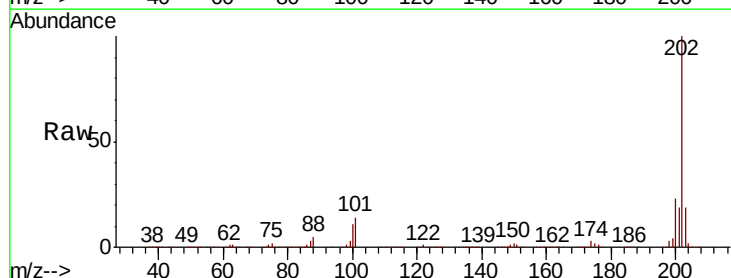
Tgt Ion:202 Resp: 2179159

Ion Ratio Lower Upper

202 100

200 23.1 17.7 26.5

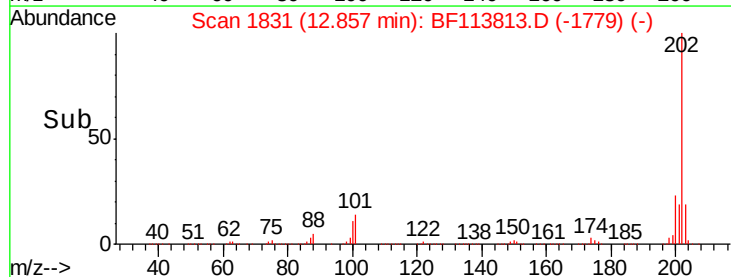
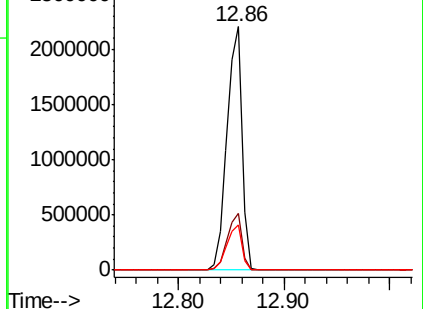
203 18.8 15.0 22.6

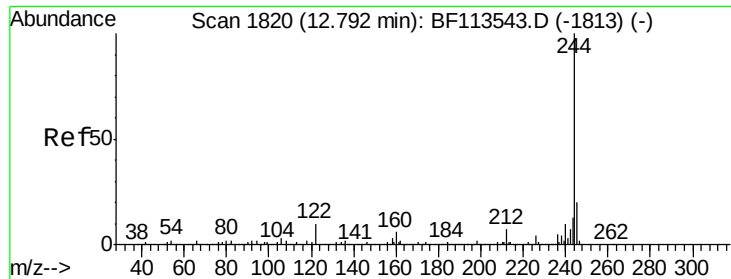


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 112.144 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

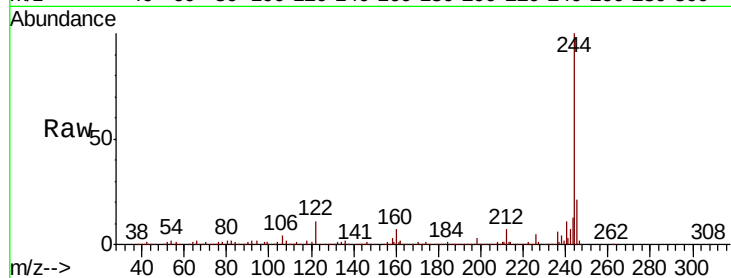
Tot Ion:244 Resp: 2878425

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

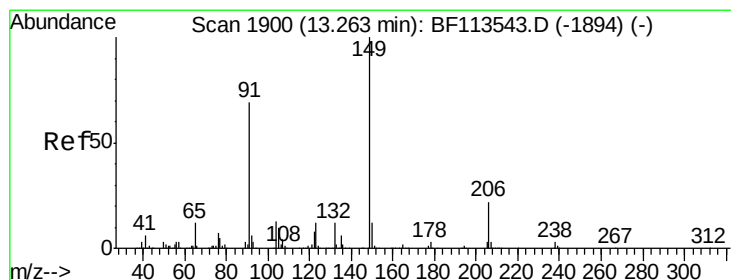
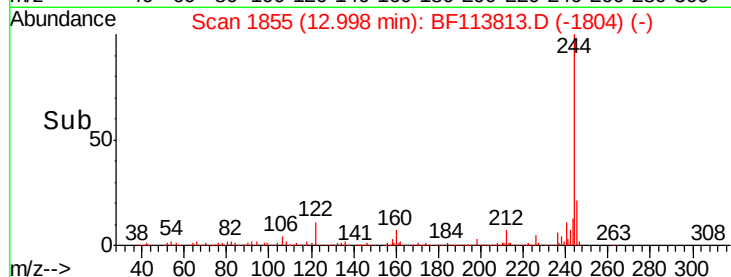
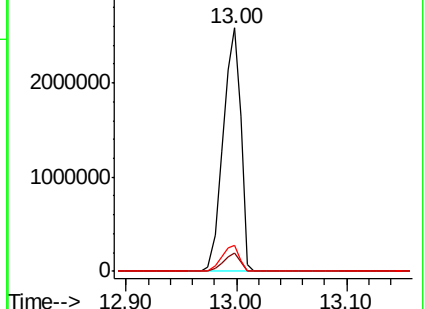
122 10.9 7.6 11.4



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: 51.958 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

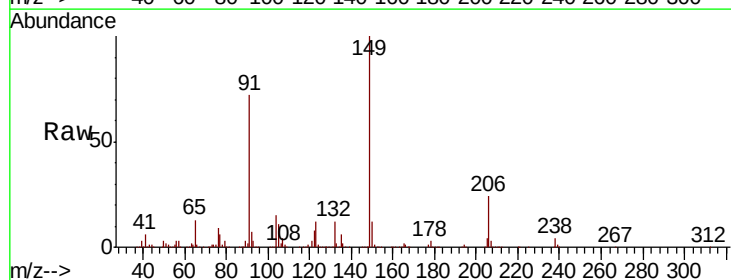
Tgt Ion:149 Resp: 840998

Ion Ratio Lower Upper

149 100

91 72.4 56.3 84.5

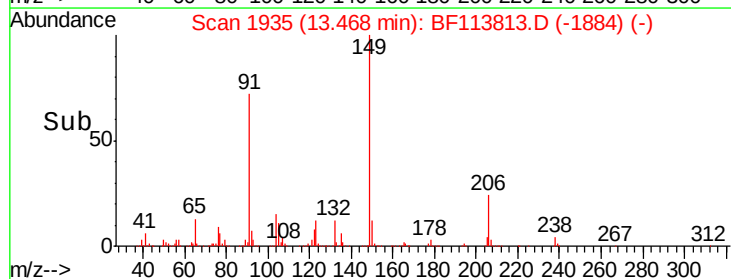
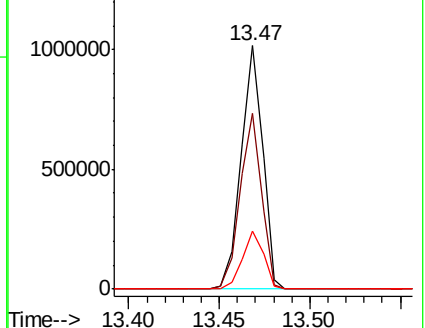
206 23.8 19.0 28.6

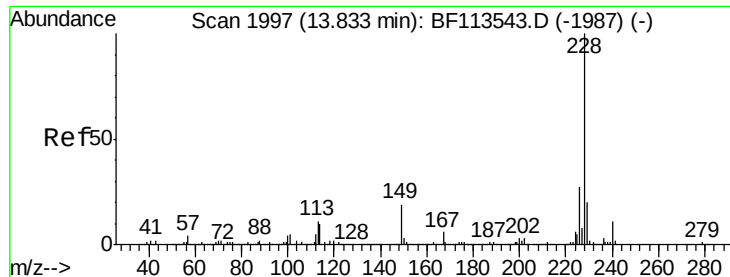


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.990 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

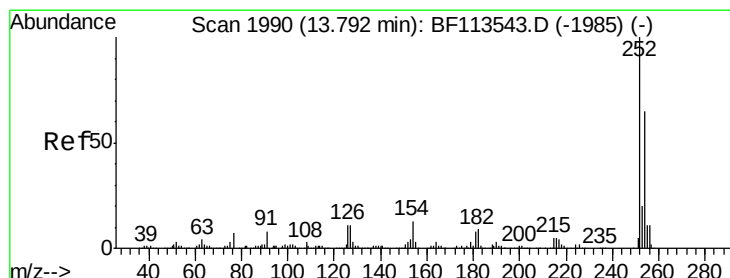
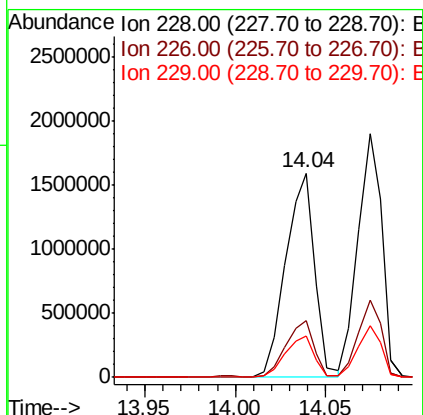
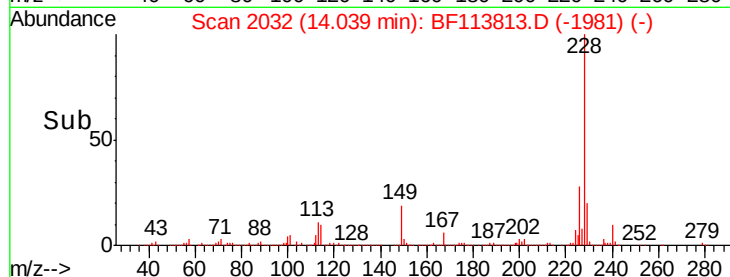
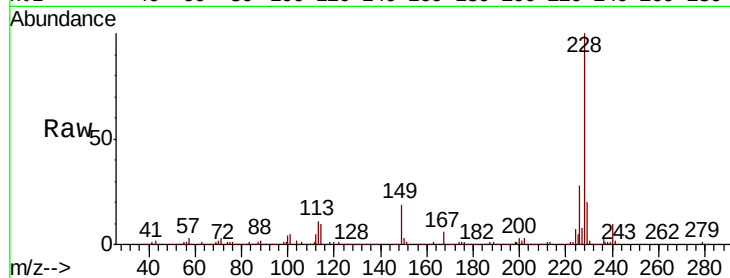
Tot Ion:228 Resp: 1778312

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 53.661 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

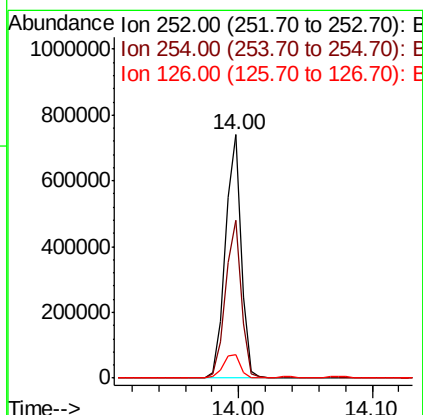
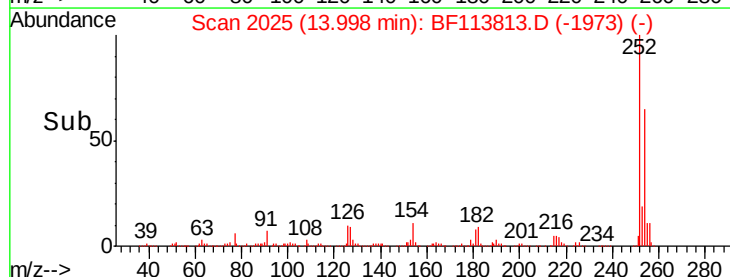
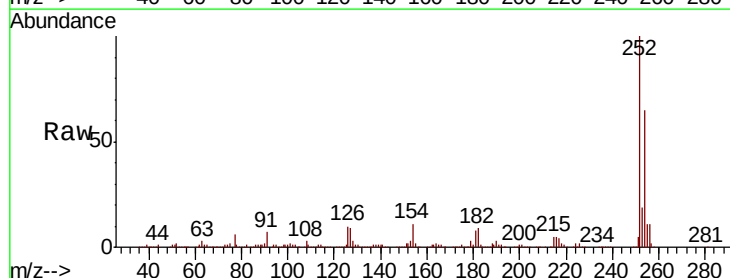
Tgt Ion:252 Resp: 623070

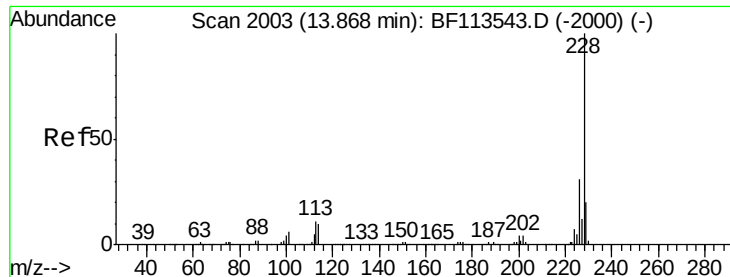
Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

126 9.5 9.3 13.9





#83

Chrysene

Concen: 57.532 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

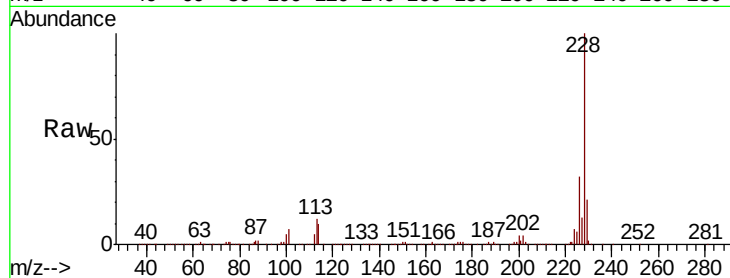
Tot Ion:228 Resp: 1758124

Ion Ratio Lower Upper

228 100

226 31.7 25.2 37.8

229 21.0 16.7 25.1

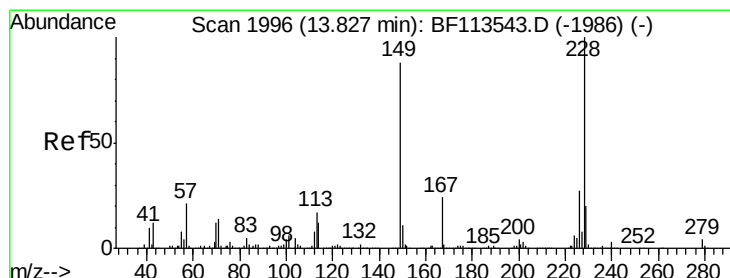
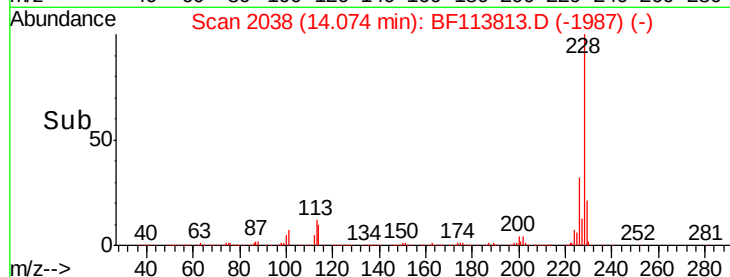
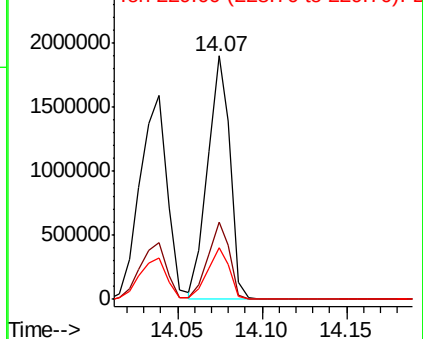


Abundance

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: 49.276 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

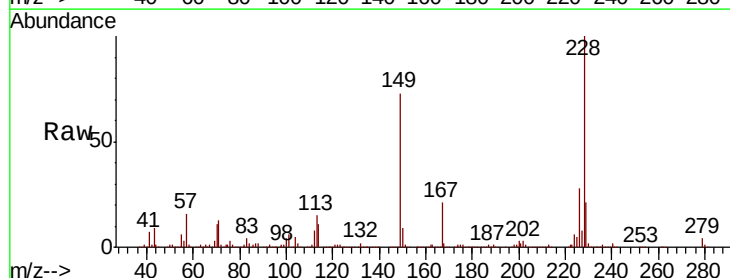
Tgt Ion:149 Resp: 964324

Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

279 5.3 4.2 6.2

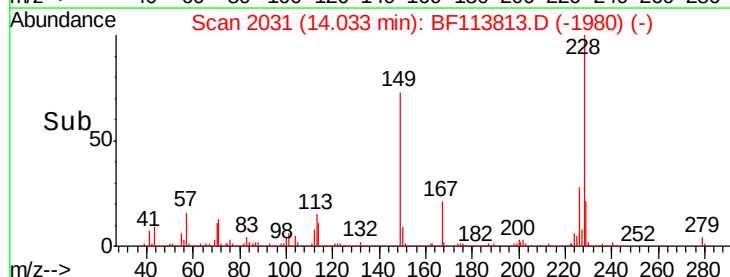
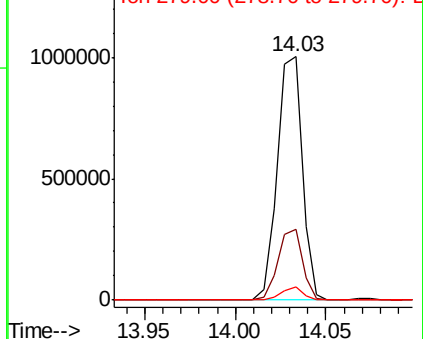


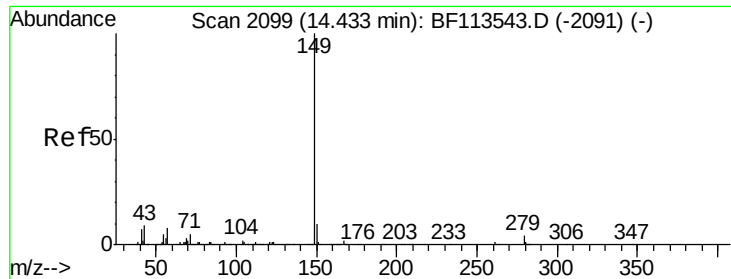
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.897 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

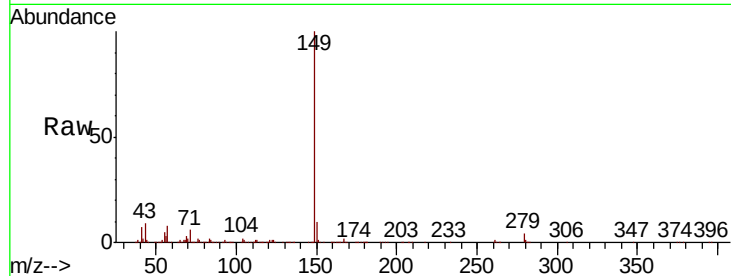
Tot Ion:149 Resp: 1523638

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

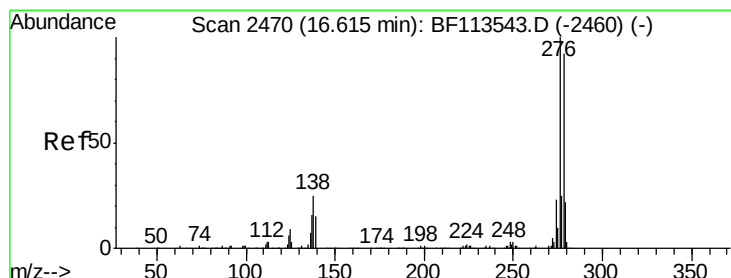
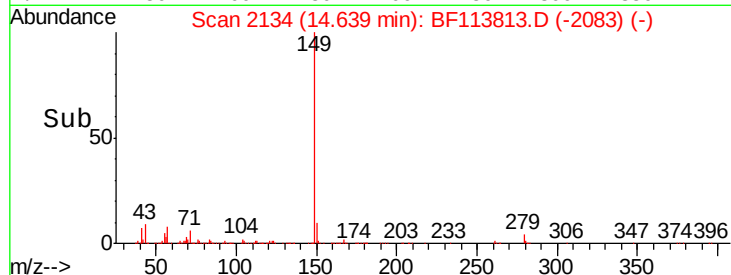
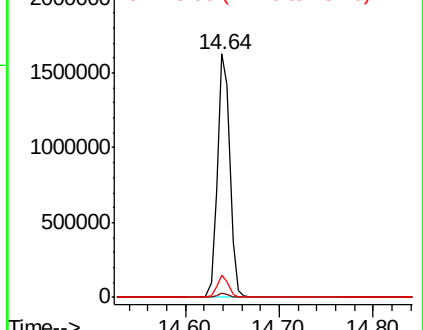
43 8.4 6.6 10.0



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: 56.860 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

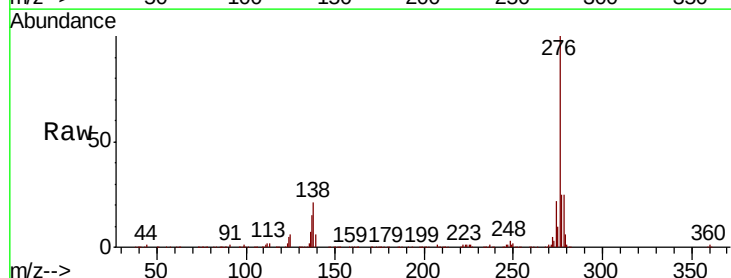
Tgt Ion:276 Resp: 1604305

Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

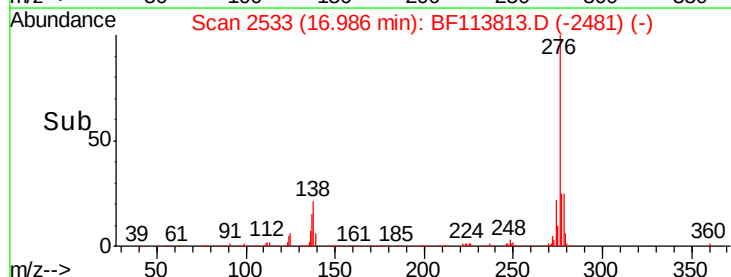
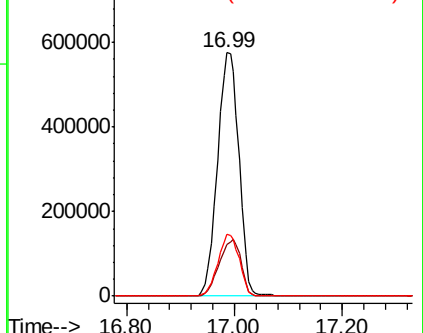
277 25.3 20.2 30.4

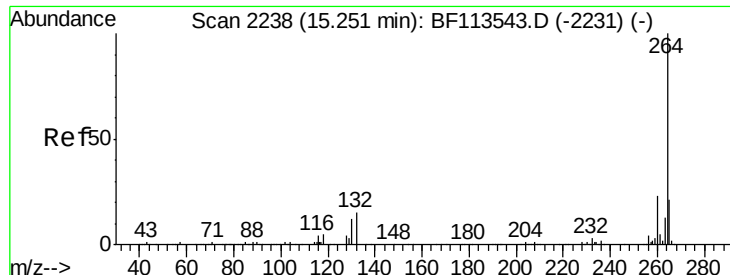


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

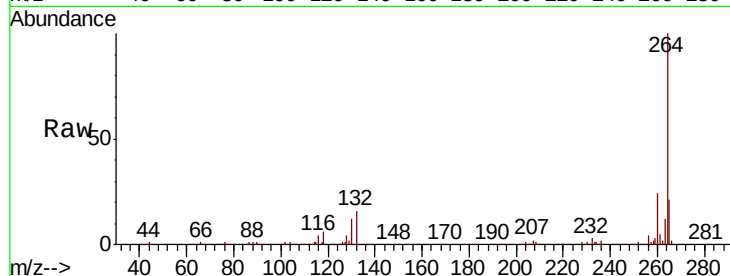




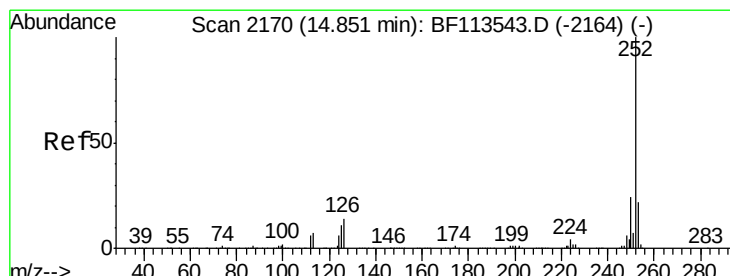
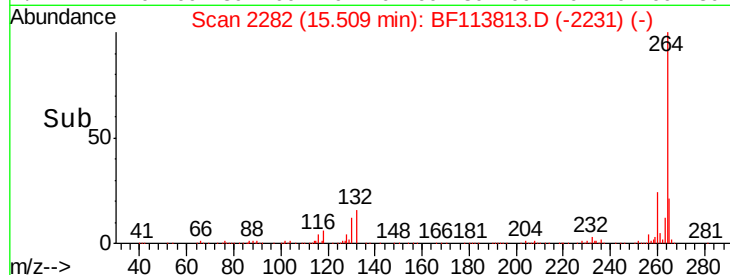
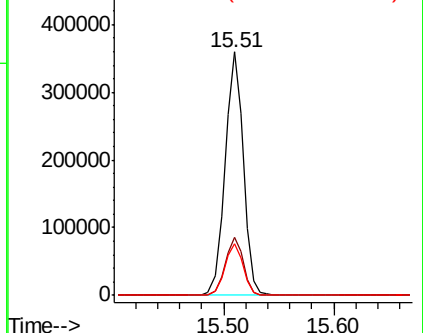
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 415581
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.4 17.3 25.9

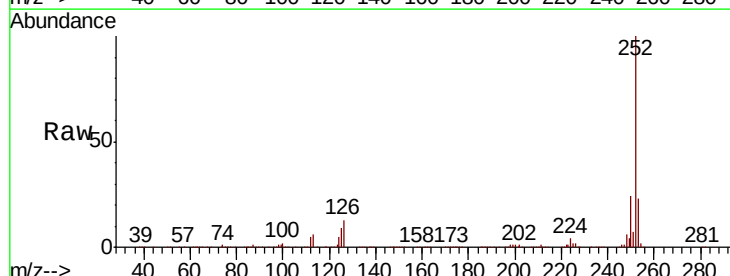


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

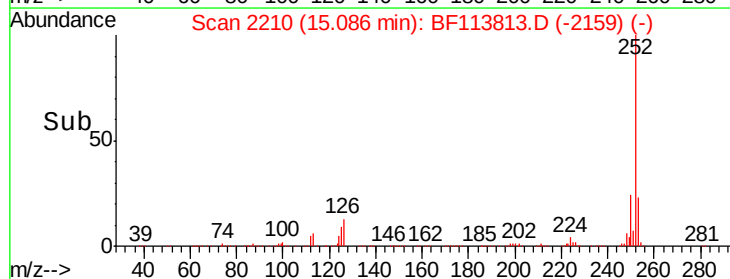
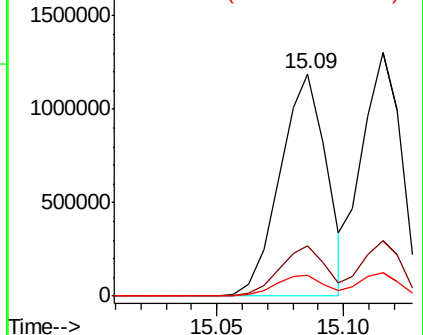


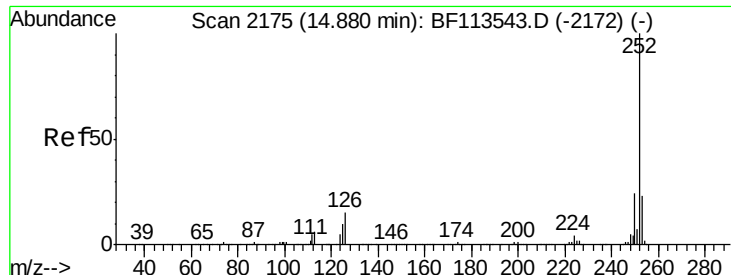
#88
Benzo(b)fluoranthene
Concen: 59.575 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:252 Resp: 1515522
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 9.2 7.0 10.6



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

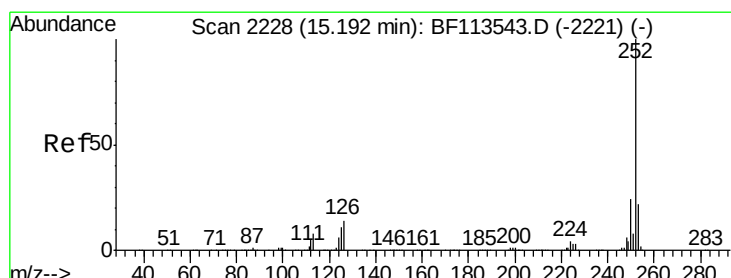
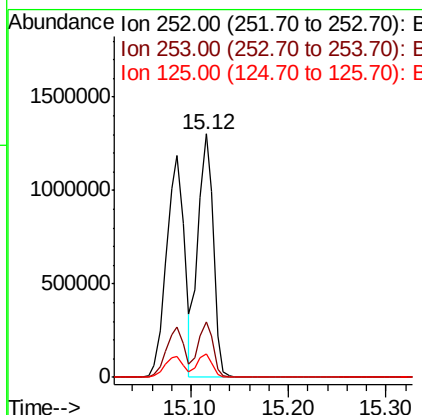
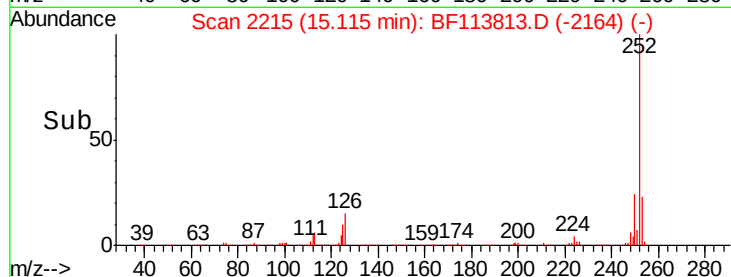
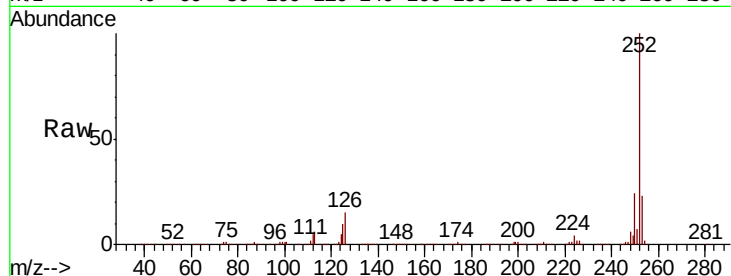




#89
Benzo(k)fluoranthene
Concen: 61.911 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

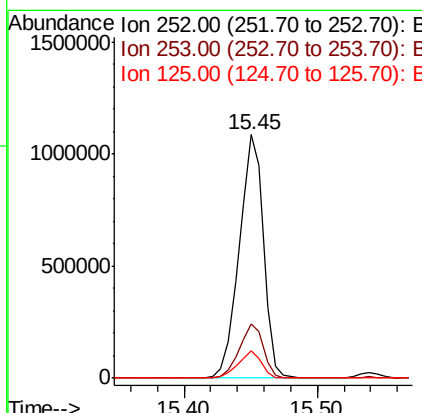
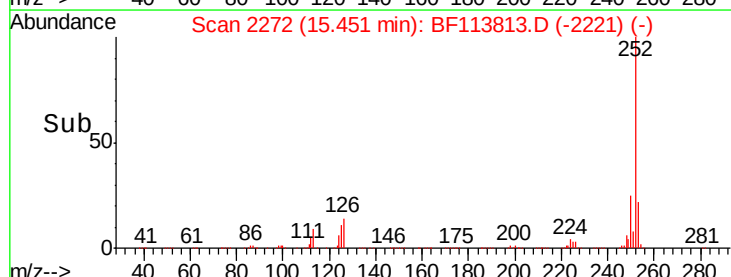
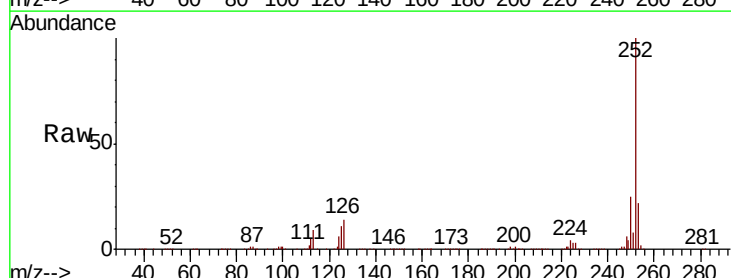
Instrument :
BNA_F
ClientSampleId :

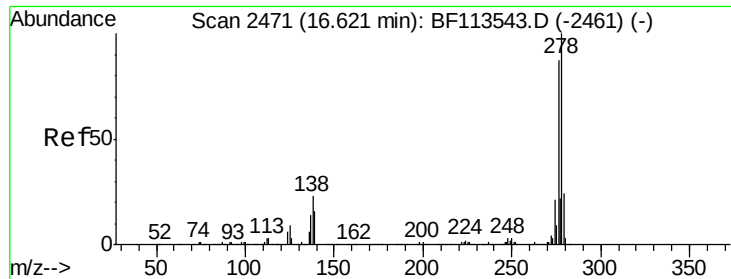
Tot Ion:252 Resp: 1413475
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 60.347 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF113813.D
Acq: 18 Apr 2019 10:01

Tgt Ion:252 Resp: 1364142
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.2 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 61.750 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

Instrument :

BNA_F

ClientSampleId :

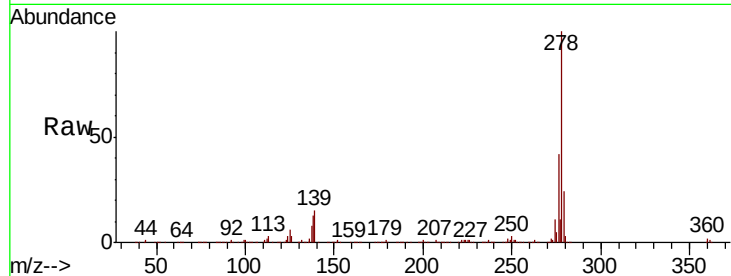
Tot Ion:278 Resp: 1305324

Ion Ratio Lower Upper

278 100

139 15.5 11.6 17.4

279 24.2 19.0 28.6

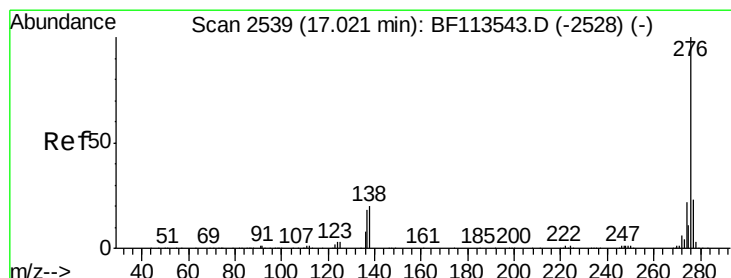
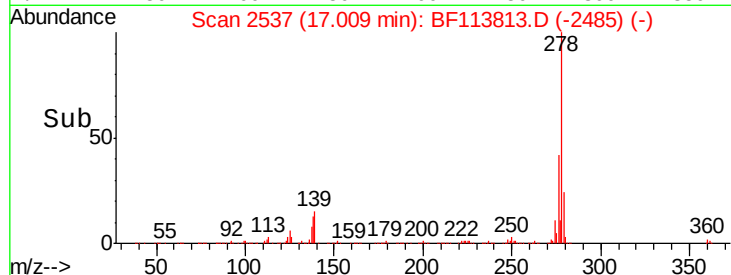
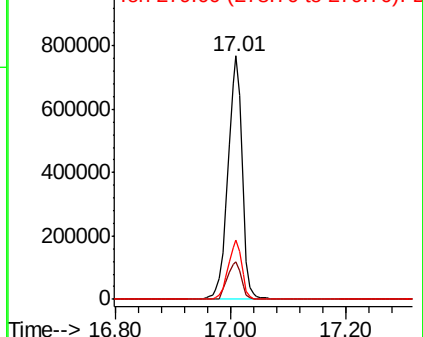


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 62.545 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.01 min

Lab File: BF113813.D

Acq: 18 Apr 2019 10:01

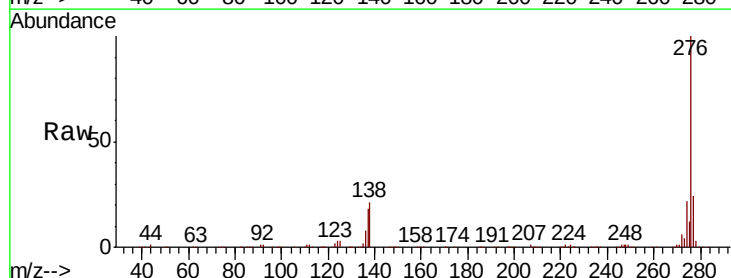
Tgt Ion:276 Resp: 1349480

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 20.7 16.6 25.0



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

