

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113653.D
 Acq On : 9 Apr 2019 10:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 10:48:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	141550	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	551839	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	263378	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	521081	20.00	ng	0.00
76) Chrysene-d12	13.83	240	357337	20.00	ng	-0.01
87) Perylene-d12	15.23	264	295027	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	675162	81.34	ng	0.00
7) Phenol-d6	6.34	99	814771	79.64	ng	0.00
23) Nitrobenzene-d5	7.25	82	755055	80.15	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	258726	81.78	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	1347161	82.34	ng	-0.01
79) Terphenyl-d14	12.78	244	1445090	82.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	146898	37.364	ng	100
3) Pyridine	3.02	79	401657	39.038	ng	99
4) n-Nitrosodimethylamine	2.96	42	173944	39.790	ng	99
6) Aniline	6.35	93	502311	40.505	ng	# 80
8) 2-Chlorophenol	6.47	128	394472	41.073	ng	96
9) Benzaldehyde	6.23	77	244032	40.115	ng	99
10) Phenol	6.35	94	467837	40.038	ng	99
11) bis(2-Chloroethyl)ether	6.42	93	359109	39.508	ng	99
12) 1,3-Dichlorobenzene	6.62	146	414614	40.088	ng	99
13) 1,4-Dichlorobenzene	6.70	146	418165	40.009	ng	99
14) 1,2-Dichlorobenzene	6.85	146	386359	40.953	ng	98
15) Benzyl Alcohol	6.84	79	216440	31.288	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	554038	39.160	ng	76
17) 2-Methylphenol	6.96	107	320322	43.038	ng	# 92
18) Hexachloroethane	7.19	117	151553	39.837	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	250677	39.734	ng	98
20) 3+4-Methylphenols	7.11	107	392729	43.549	ng	96
22) Acetophenone	7.10	105	484429	39.969	ng	98
24) Nitrobenzene	7.27	77	388493	40.042	ng	96
25) Isophorone	7.51	82	701637	38.661	ng	98
26) 2-Nitrophenol	7.59	139	213114	40.813	ng	96
27) 2,4-Dimethylphenol	7.63	122	295203	39.545	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	456332	39.772	ng	99
29) 2,4-Dichlorophenol	7.84	162	330985	41.440	ng	100
30) 1,2,4-Trichlorobenzene	7.91	180	346185	39.912	ng	98
31) Naphthalene	7.99	128	1075971	40.241	ng	99
32) Benzoic acid	7.79	122	154039	26.648	ng	98
33) 4-Chloroaniline	8.05	127	446289	42.095	ng	97
34) Hexachlorobutadiene	8.10	225	210930	39.888	ng	99
35) Caprolactam	8.43	113	82648	32.598	ng	97
36) 4-Chloro-3-methylphenol	8.54	107	333164	41.553	ng	100
37) 2-Methylnaphthalene	8.67	142	698446	39.717	ng	99
38) 1-Methylnaphthalene	8.77	142	672334	39.650	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	345619	40.576	ng	99

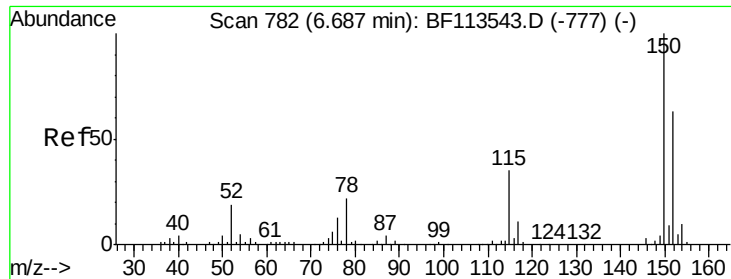
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113653.D
 Acq On : 9 Apr 2019 10:19
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 10:48:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	75293	34.408	ng	97
43) 2,4,6-Trichlorophenol	8.96	196	209996	39.057	ng	97
44) 2,4,5-Trichlorophenol	9.02	196	227833	39.470	ng	98
46) 1,1'-Biphenyl	9.14	154	875701	40.292	ng	99
47) 2-Chloronaphthalene	9.17	162	661351	40.191	ng	97
48) 2-Nitroaniline	9.27	65	206639	41.039	ng	99
49) Acenaphthylene	9.58	152	1071117	40.029	ng	99
50) Dimethylphthalate	9.44	163	758848	39.087	ng	99
51) 2,6-Dinitrotoluene	9.51	165	172885	40.398	ng	97
52) Acenaphthene	9.75	154	616607	40.256	ng	100
53) 3-Nitroaniline	9.68	138	197822	40.658	ng	91
54) 2,4-Dinitrophenol	9.80	184	86393	43.150	ng	92
55) Dibenzofuran	9.92	168	904312	40.248	ng	100
56) 4-Nitrophenol	9.87	139	105624	34.995	ng	89
57) 2,4-Dinitrotoluene	9.92	165	211694	40.901	ng	# 87
58) Fluorene	10.26	166	721429	40.596	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	220529	44.137	ng	94
60) Diethylphthalate	10.14	149	745341	39.819	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	355012	40.615	ng	98
62) 4-Nitroaniline	10.30	138	186622	37.719	ng	98
63) Azobenzene	10.42	77	703384	39.687	ng	99
65) 4,6-Dinitro-2-methylphenol	10.34	198	104590	38.126	ng	98
66) n-Nitrosodiphenylamine	10.37	169	639691	39.988	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	235502	40.297	ng	98
68) Hexachlorobenzene	10.82	284	270498	40.395	ng	# 94
69) Atrazine	10.90	200	205348	40.726	ng	96
70) Pentachlorophenol	11.02	266	106613	33.788	ng	99
71) Phenanthrene	11.22	178	1041230	40.213	ng	100
72) Anthracene	11.27	178	1063395	40.366	ng	100
73) Carbazole	11.43	167	1012170	41.080	ng	99
74) Di-n-butylphthalate	11.76	149	1164328	39.724	ng	100
75) Fluoranthene	12.41	202	1117651	40.281	ng	98
77) Benzidine	12.53	184	498974	37.550	ng	98
78) Pyrene	12.63	202	1126258	41.423	ng	100
80) Butylbenzylphthalate	13.24	149	441874	39.925	ng	98
81) Benzo(a)anthracene	13.82	228	838905	40.698	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	317694	40.014	ng	99
83) Chrysene	13.86	228	835269	39.973	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	550538	41.142	ng	99
85) Di-n-octyl phthalate	14.42	149	834688	38.374	ng	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	809191	41.943	ng	99
88) Benzo(b)fluoranthene	14.84	252	684614	37.909	ng	99
89) Benzo(k)fluoranthene	14.87	252	684870	42.256	ng	99
90) Benzo(a)pyrene	15.18	252	644624	40.170	ng	100
91) Dibenzo(a,h)anthracene	16.61	278	662834	44.169	ng	99
92) Benzo(g,h,i)perylene	17.02	276	703159	45.906	ng	100

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

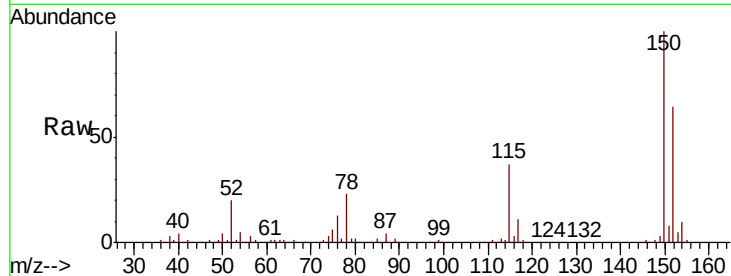


#1

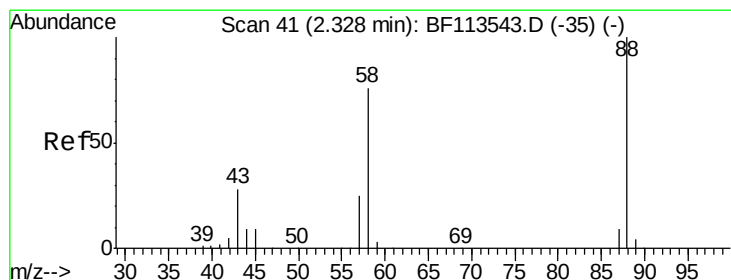
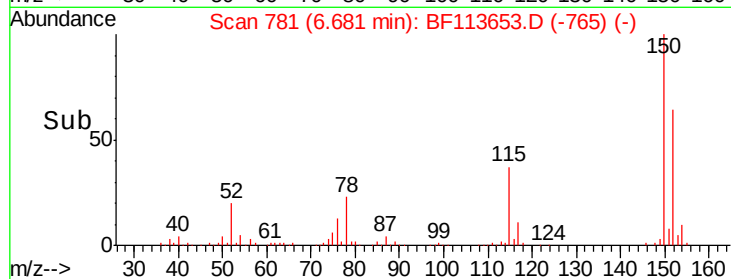
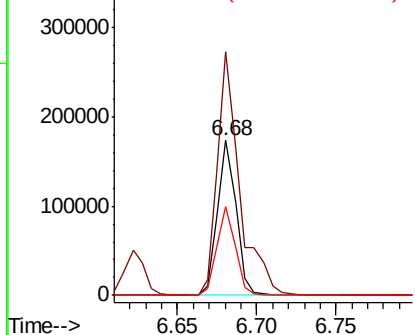
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141550
Ion Ratio Lower Upper
152 100
150 157.2 124.7 187.1
115 57.4 46.0 69.0



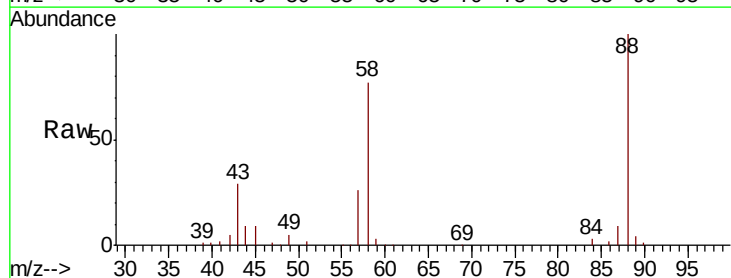
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



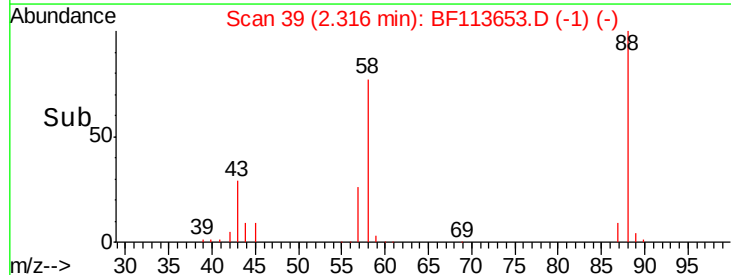
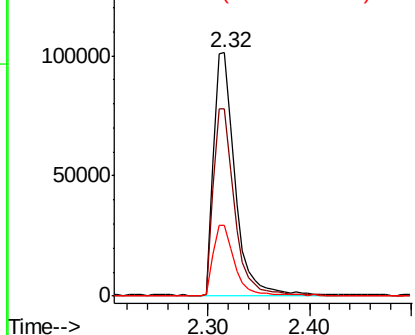
#2

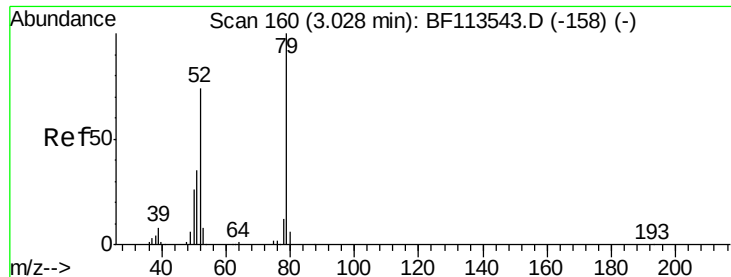
1,4-Dioxane
Concen: 37.364 ng
RT: 2.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion: 88 Resp: 146898
Ion Ratio Lower Upper
88 100
58 77.7 61.9 92.9
43 30.6 24.2 36.4



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: 39.038 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

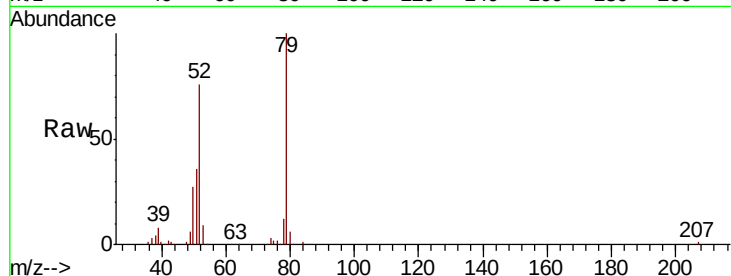
Tot Ion: 79 Resp: 401657

Ion Ratio Lower Upper

79 100

52 76.2 61.0 91.4

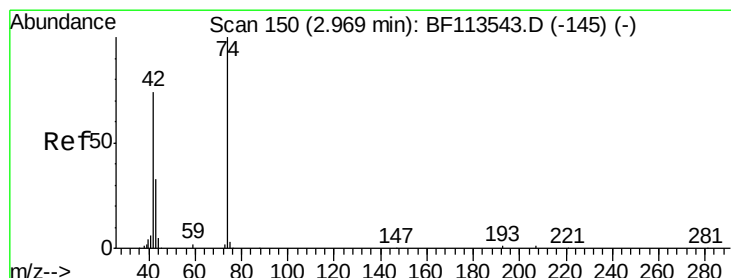
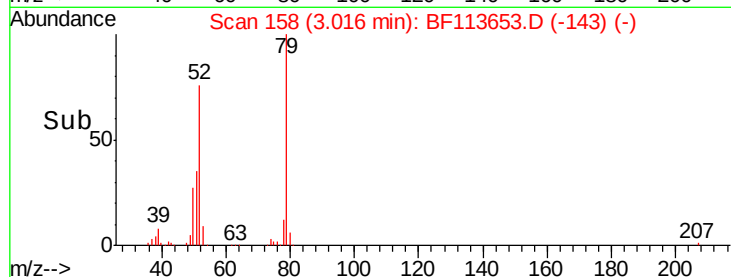
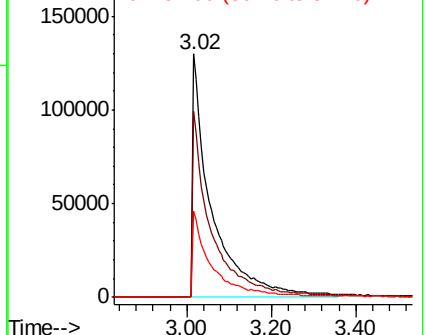
51 35.6 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.790 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

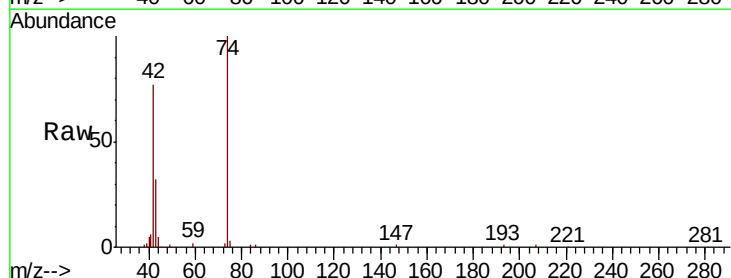
Tgt Ion: 42 Resp: 173944

Ion Ratio Lower Upper

42 100

74 129.2 102.4 153.6

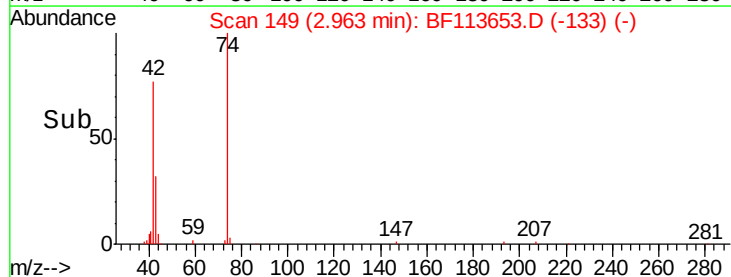
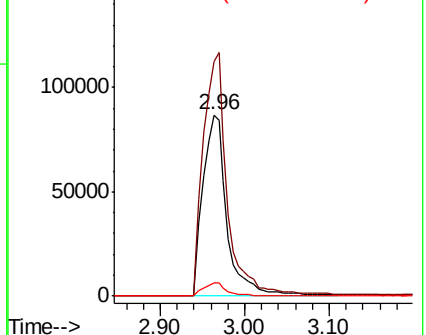
44 7.0 5.5 8.3

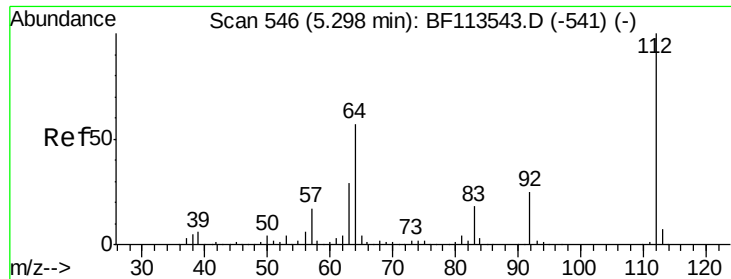


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.336 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

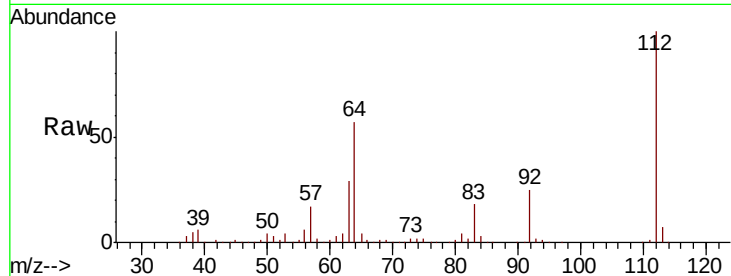
Tot Ion:112 Resp: 675162

Ion Ratio Lower Upper

112 100

64 56.8 49.2 73.8

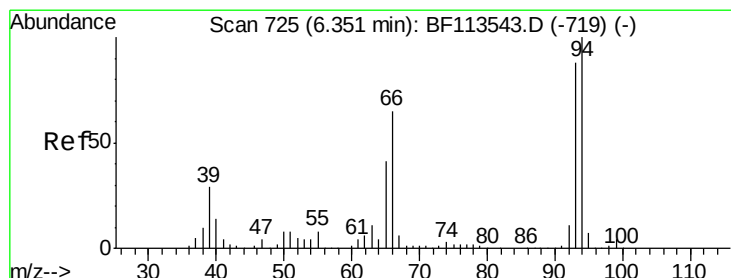
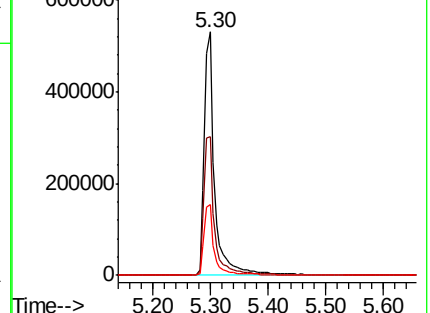
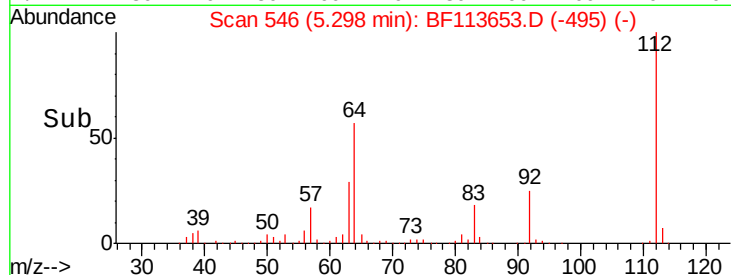
63 29.0 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.505 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

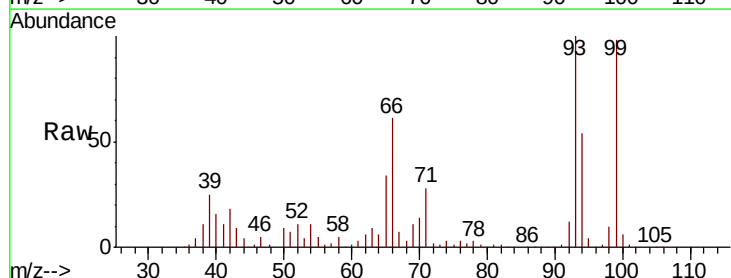
Tgt Ion: 93 Resp: 502311

Ion Ratio Lower Upper

93 100

66 60.6 62.1 93.1#

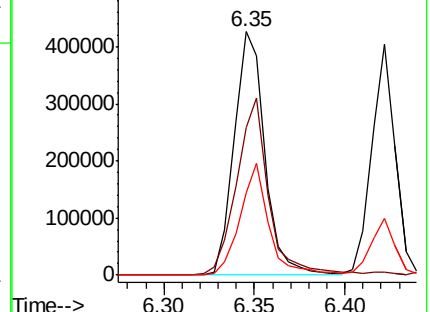
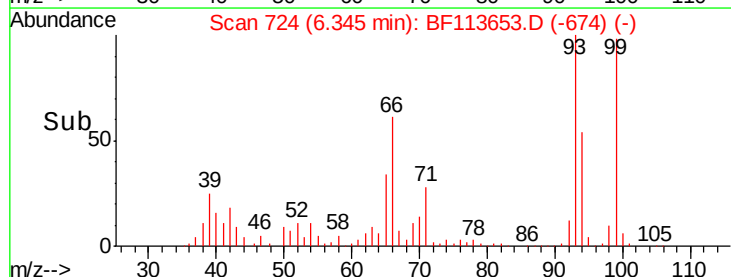
65 33.6 38.7 58.1#

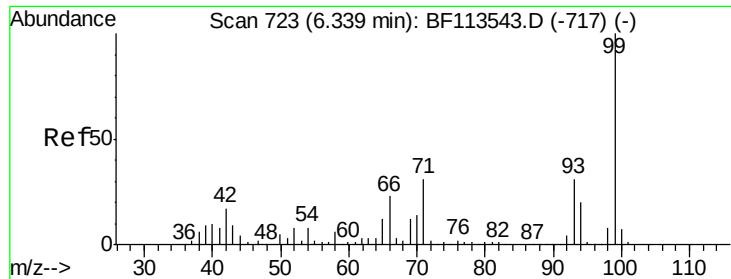


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.638 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampled :

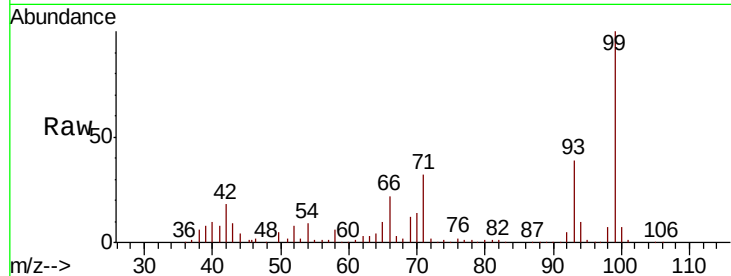
Tot Ion: 99 Resp: 814771

Ion Ratio Lower Upper

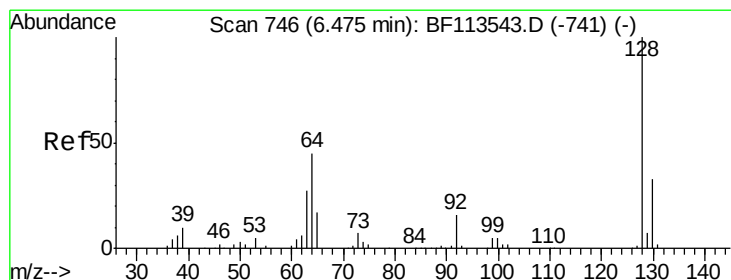
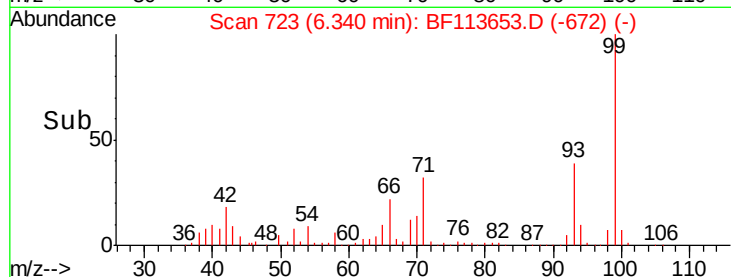
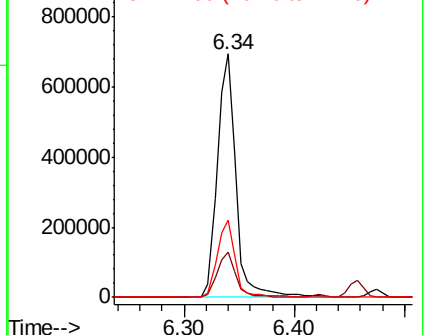
99 100

42 18.5 14.8 22.2

71 31.6 24.9 37.3



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: 41.073 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

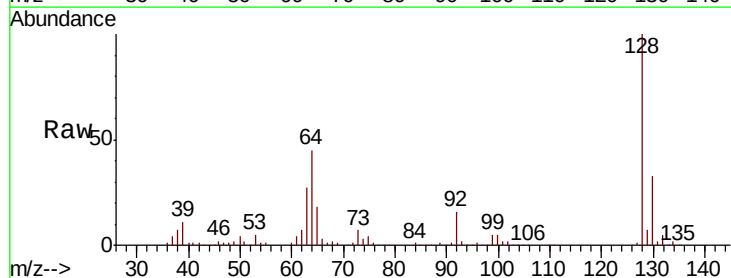
Tgt Ion: 128 Resp: 394472

Ion Ratio Lower Upper

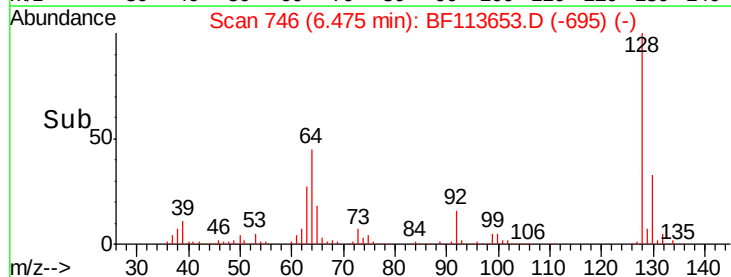
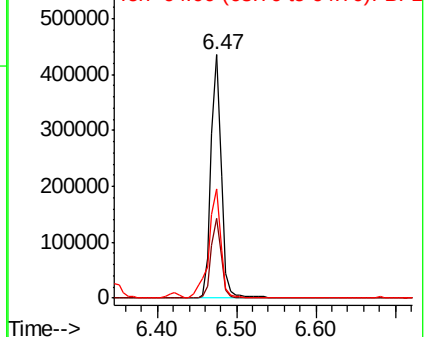
128 100

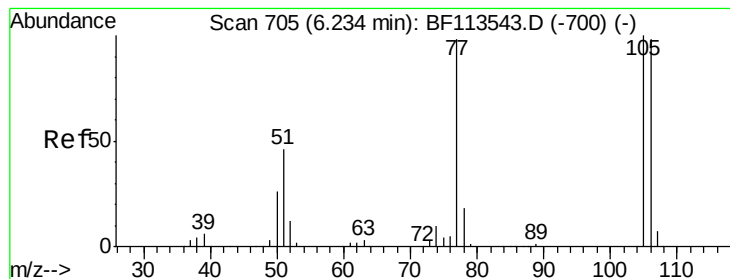
130 32.8 12.6 52.6

64 44.9 29.4 69.4



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: 40.115 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampled :

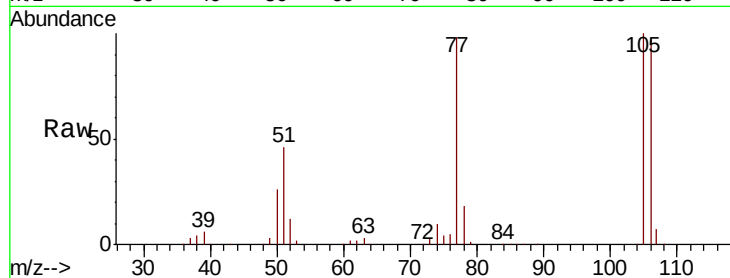
Tot Ion: 77 Resp: 244032

Ion Ratio Lower Upper

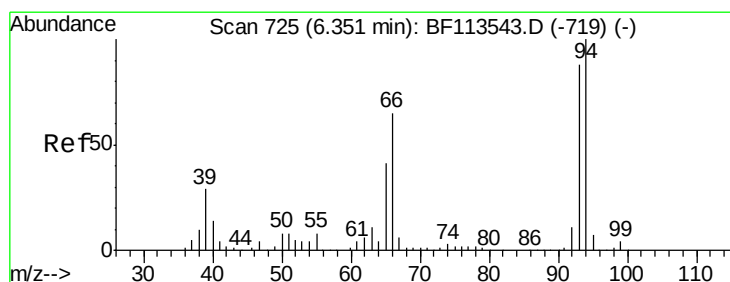
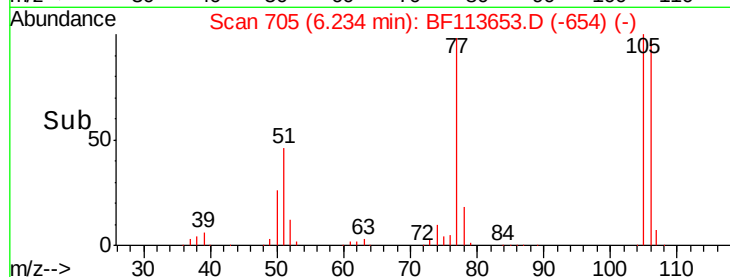
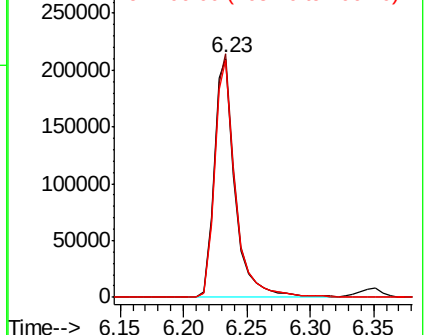
77 100

105 101.9 80.9 120.9

106 99.2 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.038 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

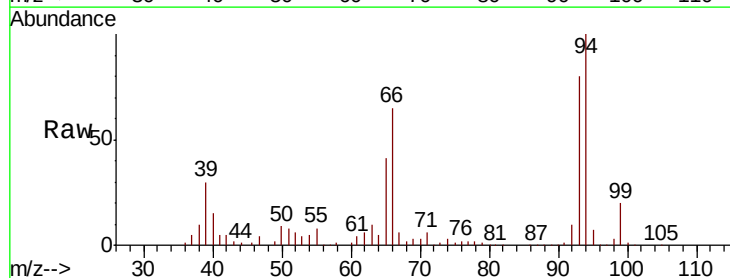
Tgt Ion: 94 Resp: 467837

Ion Ratio Lower Upper

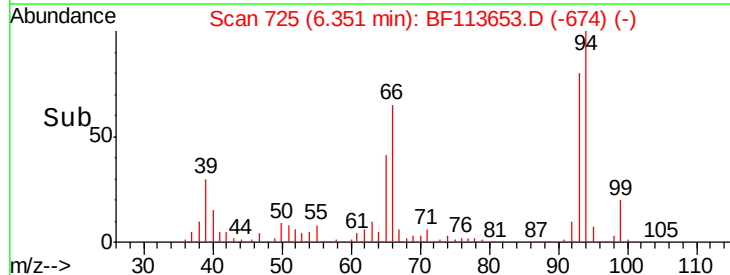
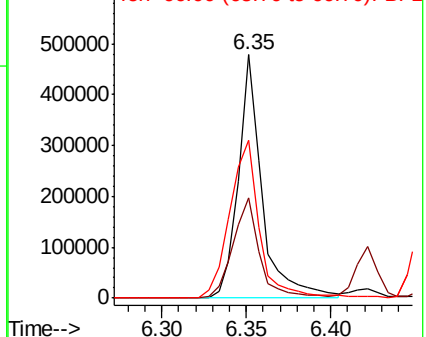
94 100

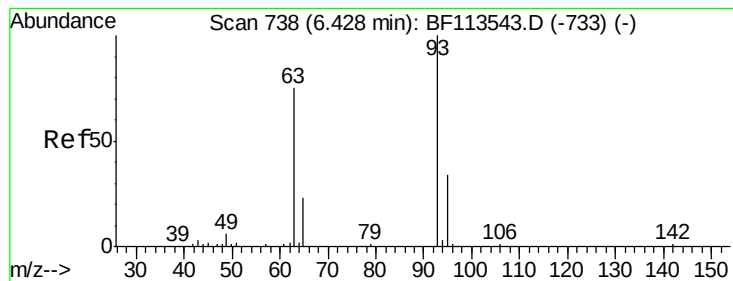
65 41.0 21.4 61.4

66 64.9 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

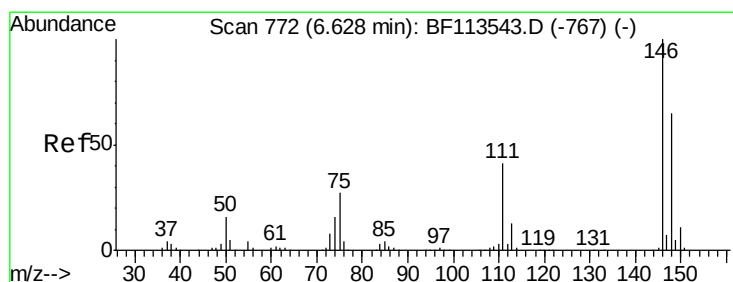
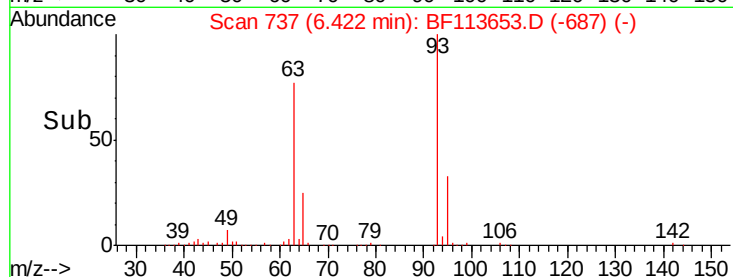
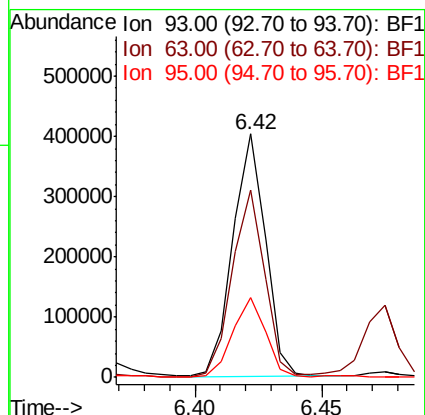
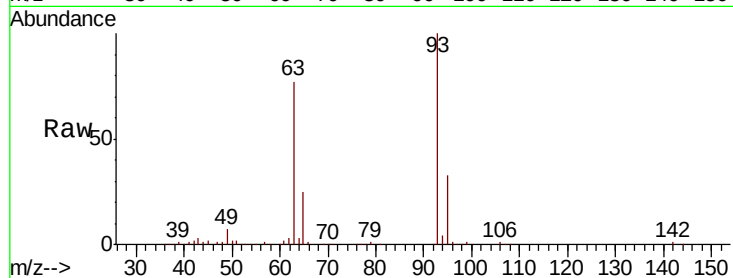




#11
bis(2-Chloroethyl)ether
Concen: 39.508 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

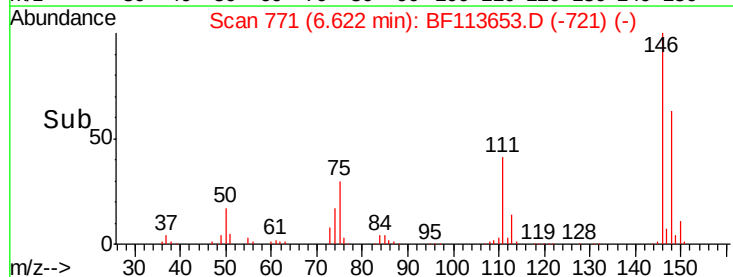
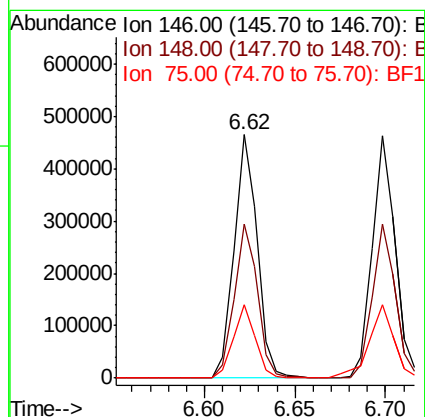
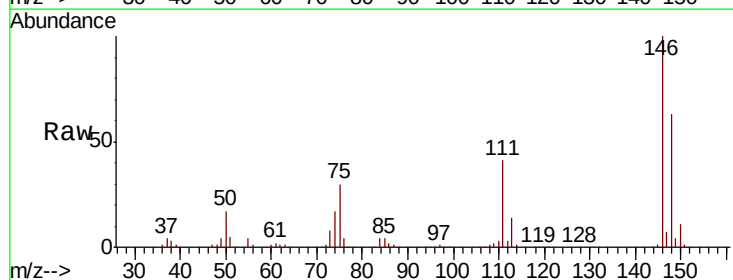
Instrument :
BNA_F
ClientSampleId :

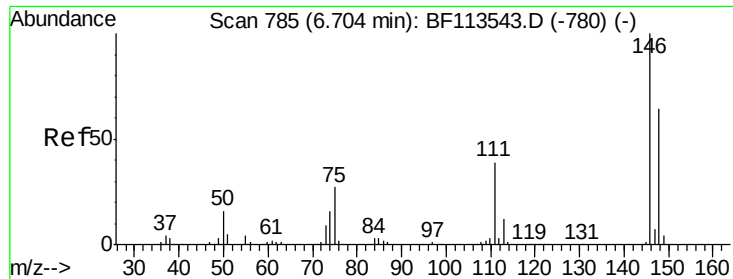
Tot Ion: 93 Resp: 359109
Ion Ratio Lower Upper
93 100
63 76.8 56.1 96.1
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.088 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion: 146 Resp: 414614
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 29.9 24.8 37.2

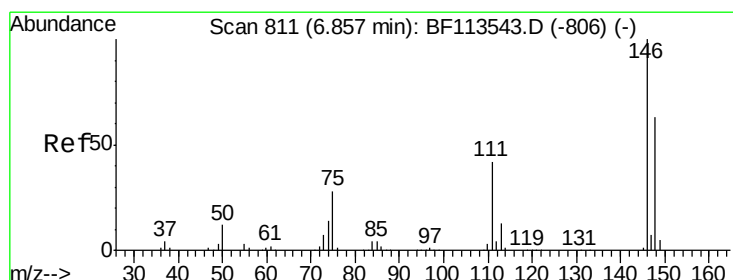
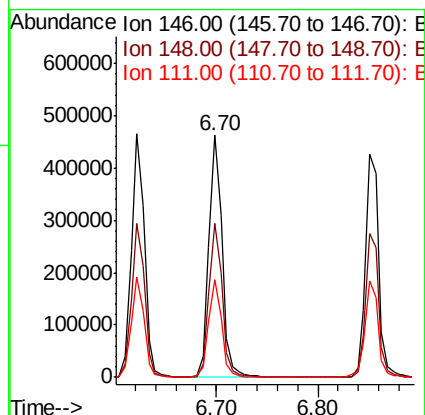
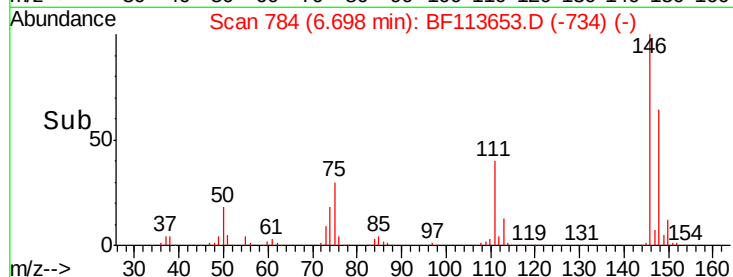
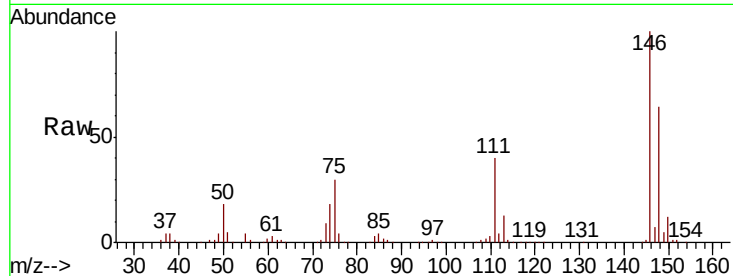




#13
 1,4-Dichlorobenzene
 Concen: 40.009 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

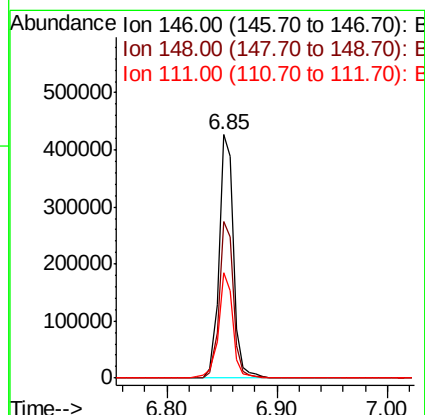
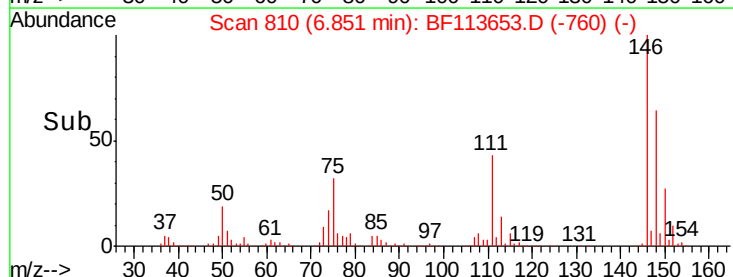
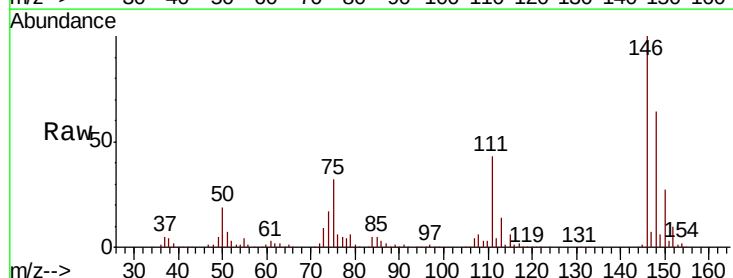
Instrument :
 BNA_F
 ClientSampleId :

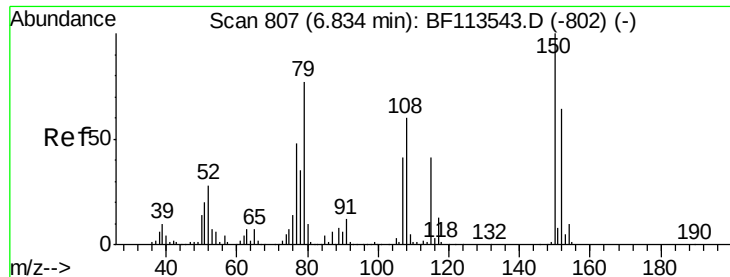
Tot Ion:146 Resp: 418165
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 40.2 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 40.953 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion:146 Resp: 386359
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.2 75.4
 111 43.4 35.4 53.2





#15

Benzyl Alcohol

Concen: 31.288 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

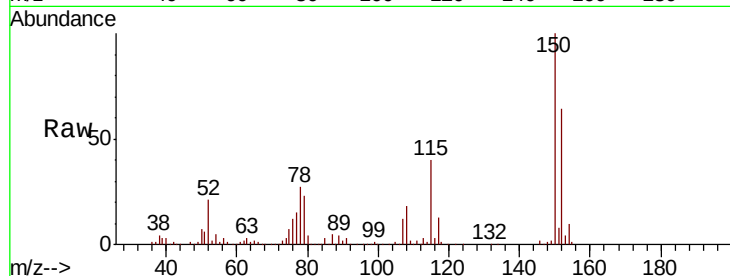
Tot Ion: 79 Resp: 216440

Ion Ratio Lower Upper

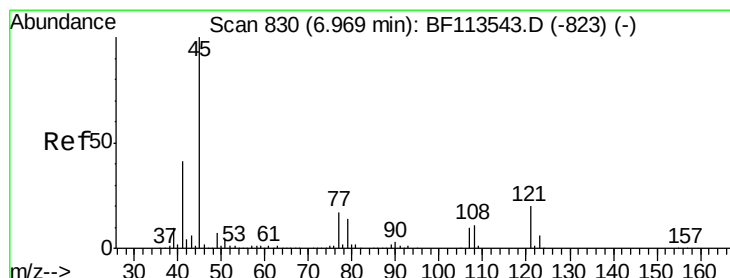
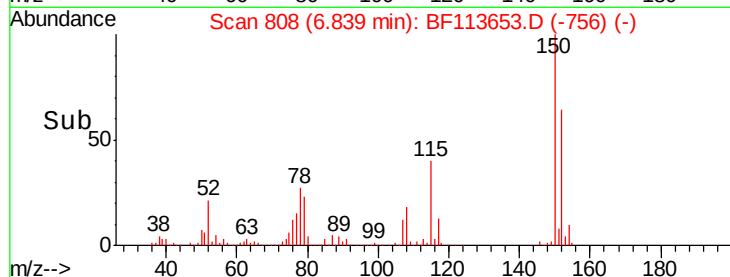
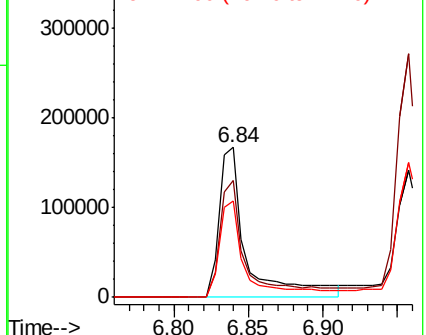
79 100

108 78.0 62.0 93.0

77 64.7 49.9 74.9



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: 39.160 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

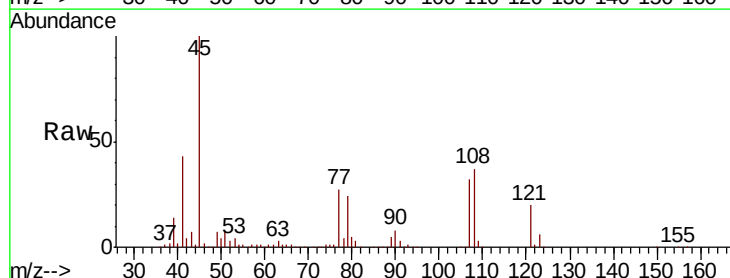
Tgt Ion: 45 Resp: 554038

Ion Ratio Lower Upper

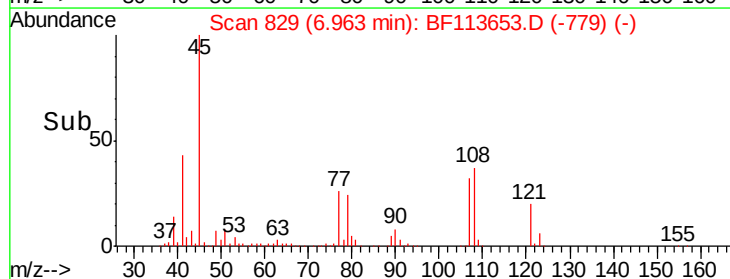
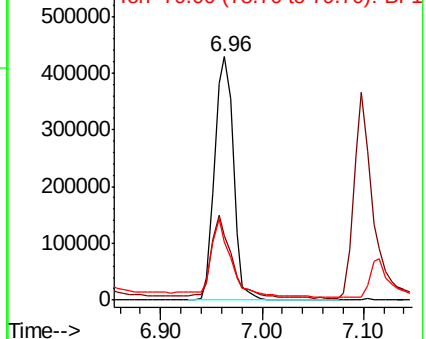
45 100

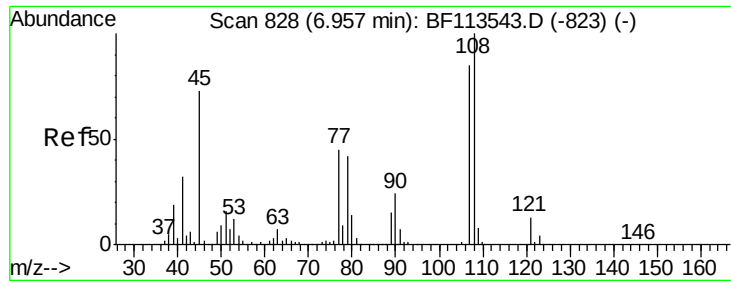
77 26.6 0.0 36.6

79 24.0 0.0 34.0



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

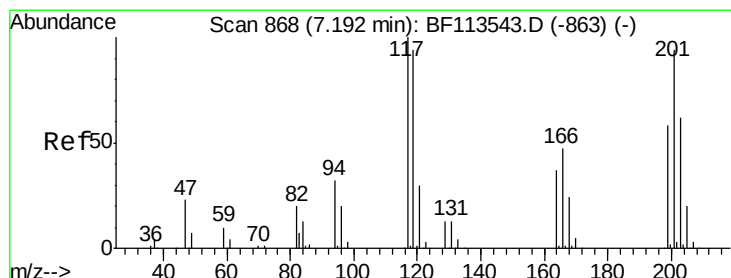
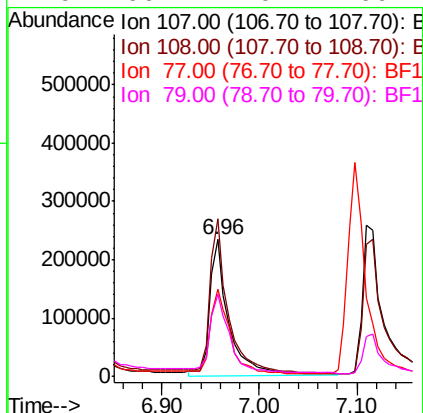
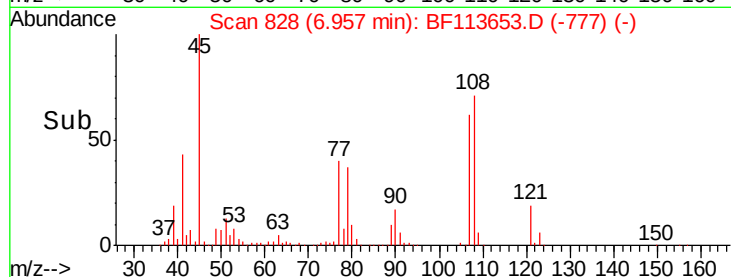
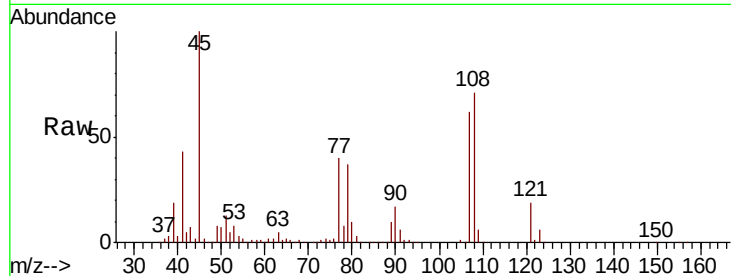




#17
2-Methylphenol
Concen: 43.038 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

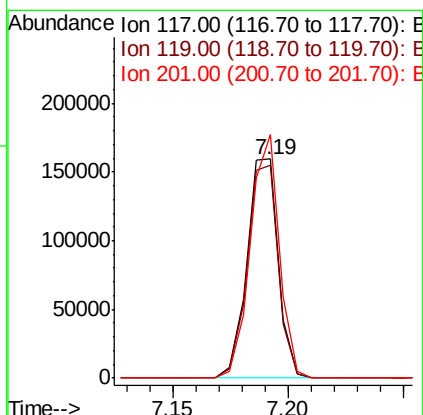
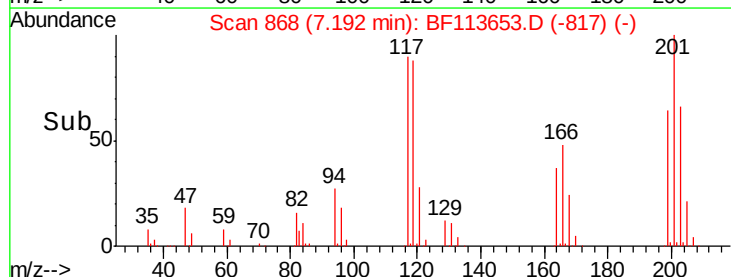
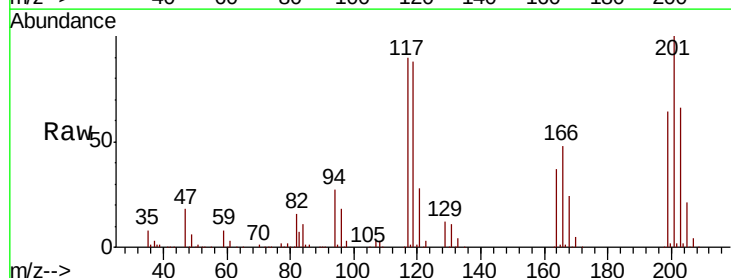
Instrument :
BNA_F
ClientSampled :

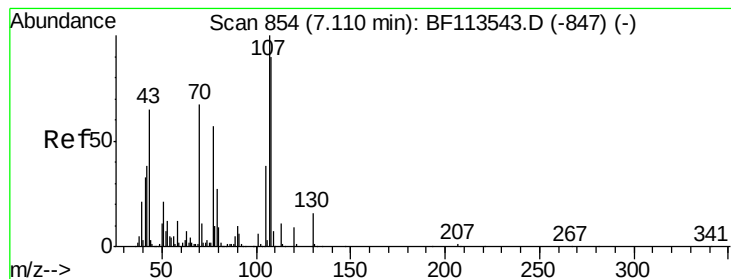
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.4	140.0
77	64.1	41.2	61.8#
79	60.4	40.1	60.1#



#18
Hexachloroethane
Concen: 39.837 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.9	115.3
201	111.3	78.7	118.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.734 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 250677

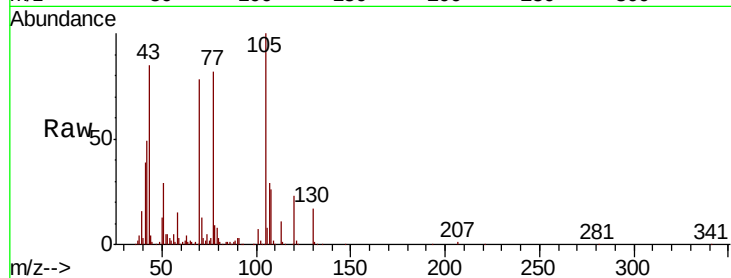
Ion	Ratio	Lower	Upper
70	100		
42	62.4	48.4	72.6
101	9.3	7.8	11.8
130	21.5	18.2	27.4

70 100

42 62.4 48.4 72.6

101 9.3 7.8 11.8

130 21.5 18.2 27.4



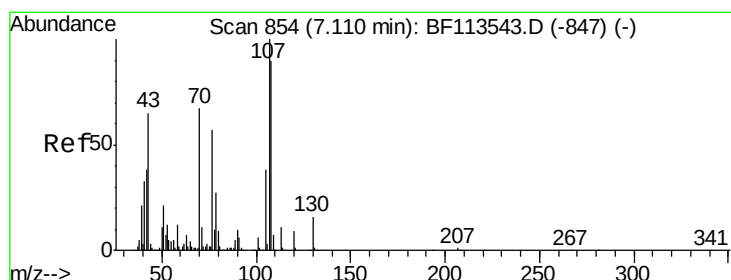
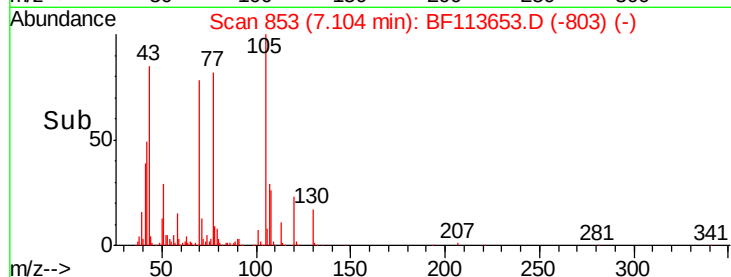
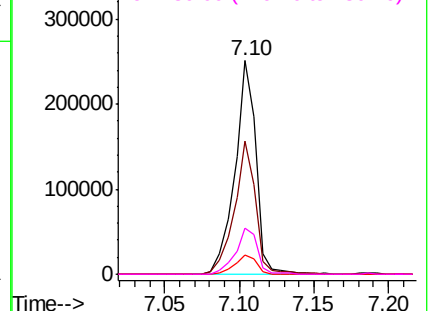
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.549 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Tgt Ion: 107 Resp: 392729

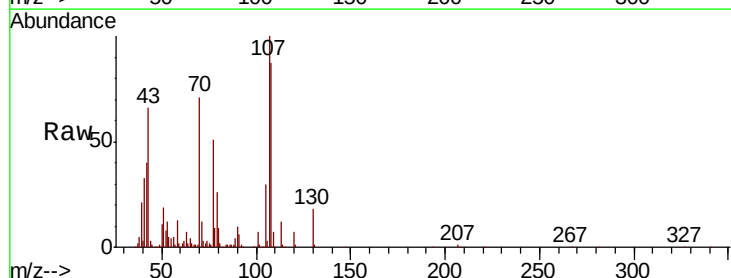
Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.4	111.4
77	51.2	33.5	73.5
79	26.4	8.3	48.3

107 100

108 87.2 71.4 111.4

77 51.2 33.5 73.5

79 26.4 8.3 48.3



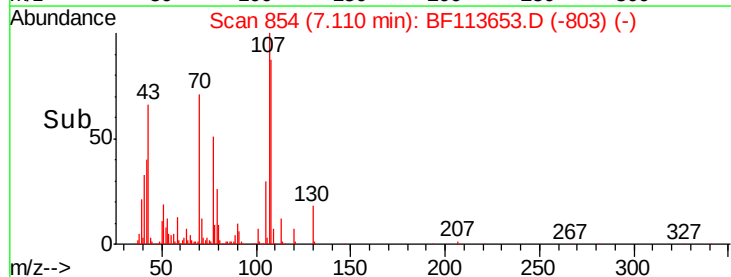
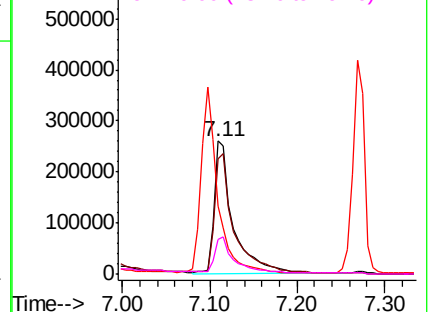
Abundance

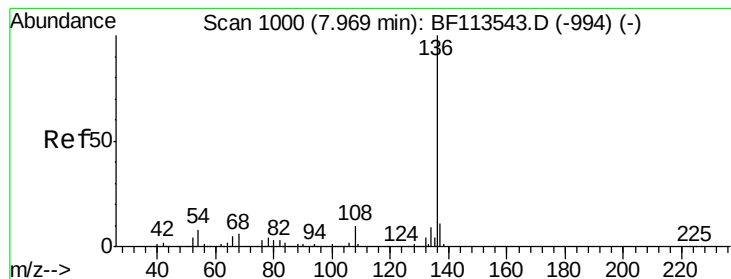
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 551839

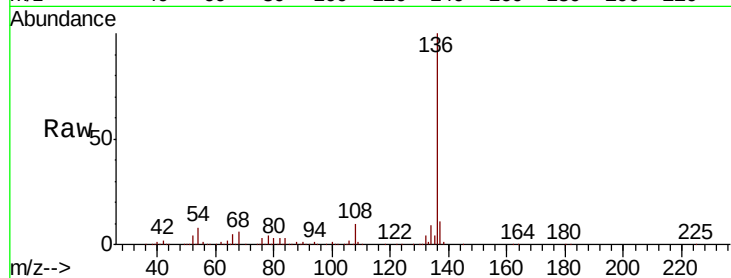
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.1 7.0 10.6

68 5.9 4.8 7.2

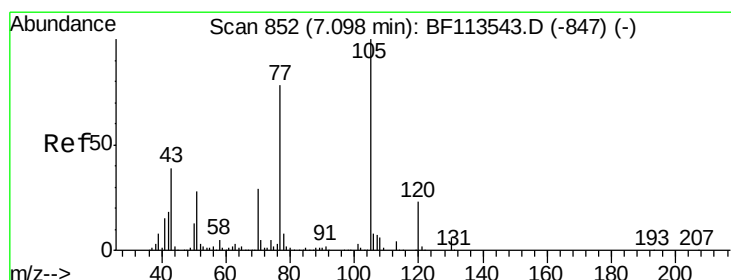
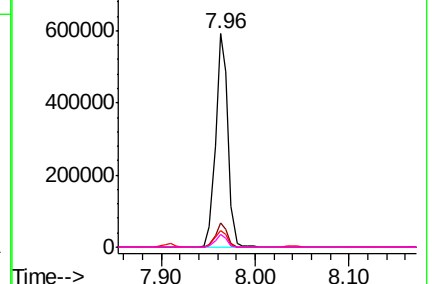
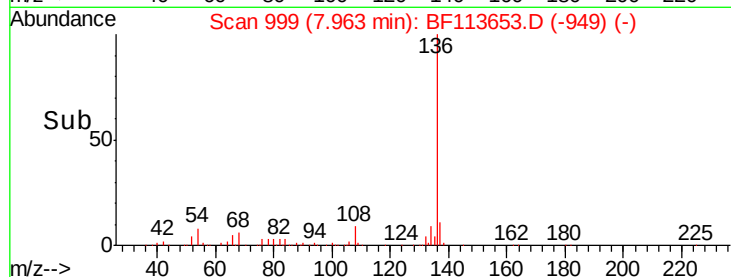


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.969 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Tgt Ion:105 Resp: 484429

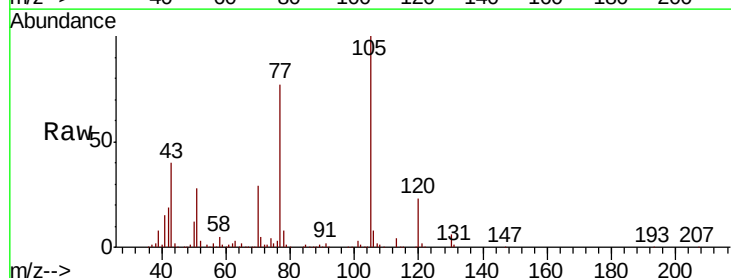
Ion Ratio Lower Upper

105 100

71 4.9 3.3 4.9

51 27.9 24.2 36.2

120 22.7 18.1 27.1

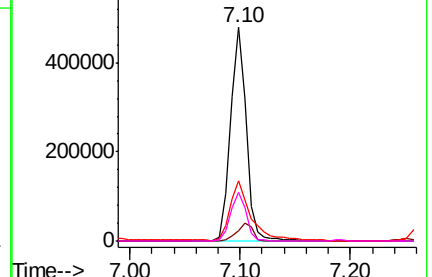
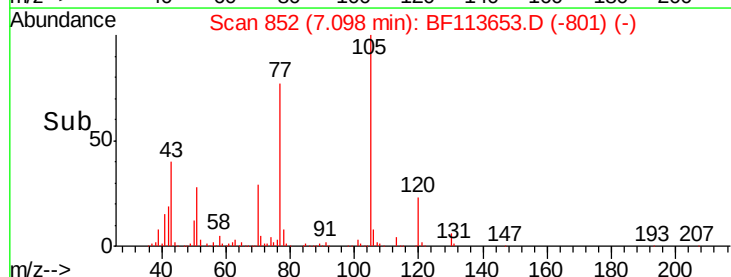


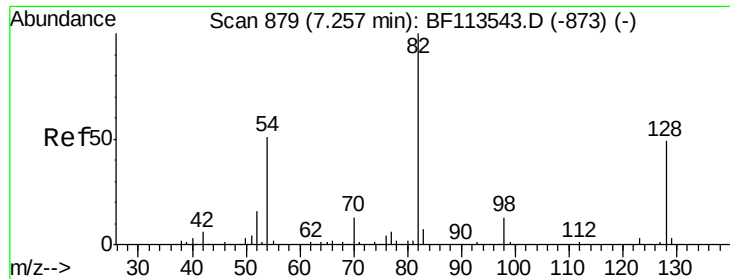
Abundance Ion 105.00 (104.70 to 105.70): E

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

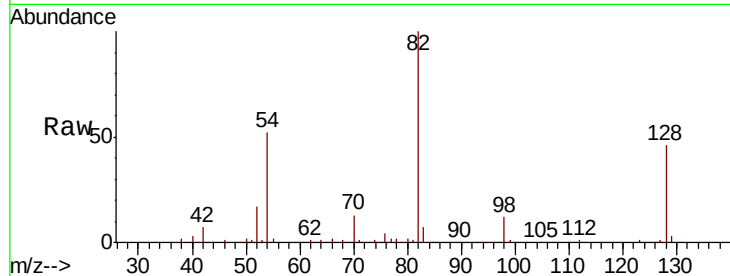




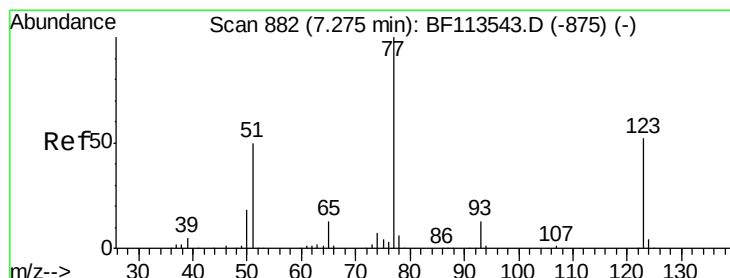
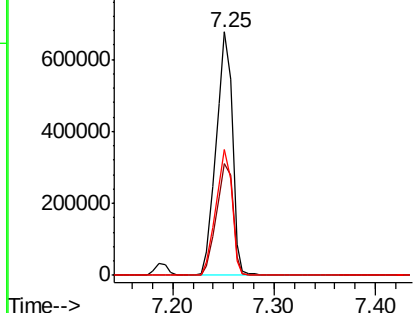
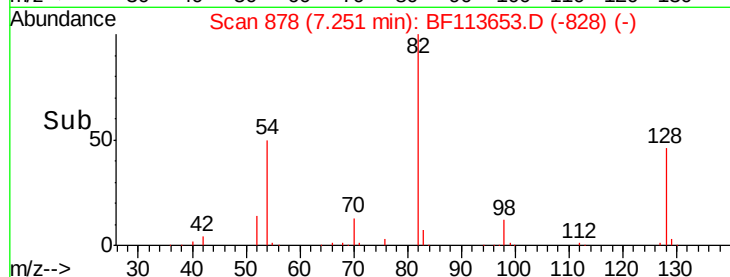
#23
 Nitrobenzene-d5
 Concen: 80.146 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 755055
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.5 54.7
 54 51.6 42.2 63.2

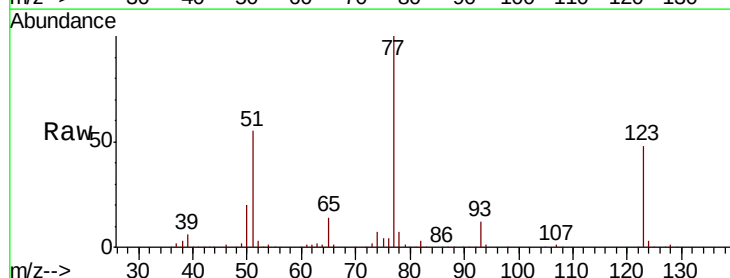


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

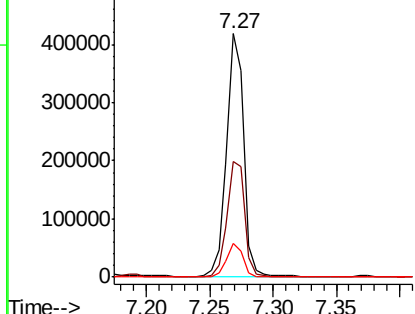
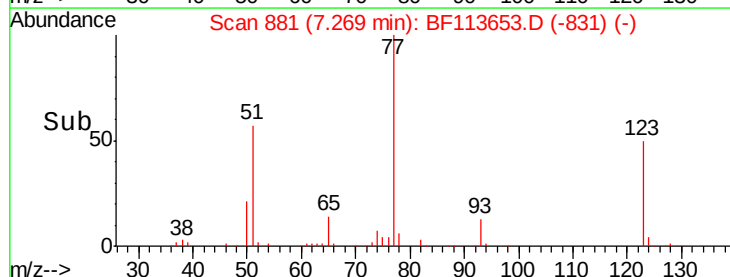


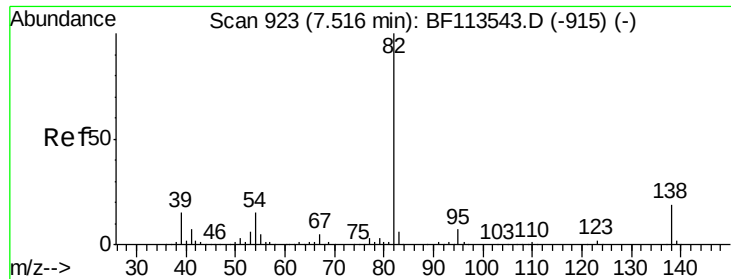
#24
 Nitrobenzene
 Concen: 40.042 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion: 77 Resp: 388493
 Ion Ratio Lower Upper
 77 100
 123 47.5 40.8 61.2
 65 13.6 10.6 16.0



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





#25

Isophorone

Concen: 38.661 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

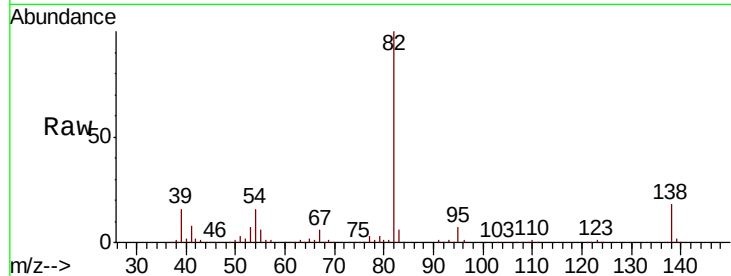
Tot Ion: 82 Resp: 701637

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

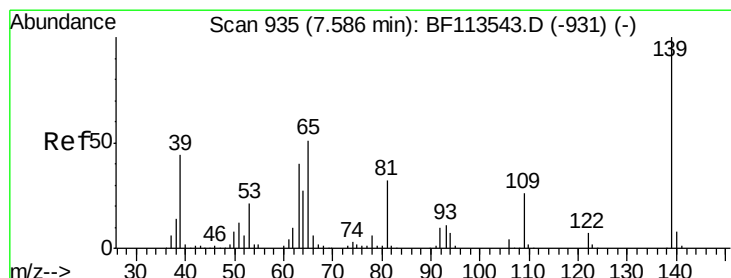
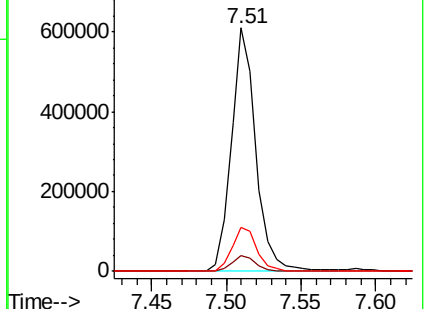
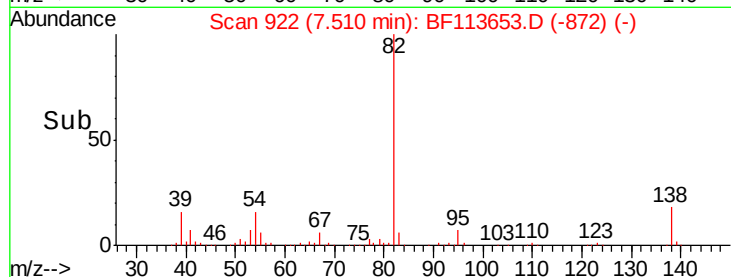
138 18.1 15.2 22.8



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: 40.813 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

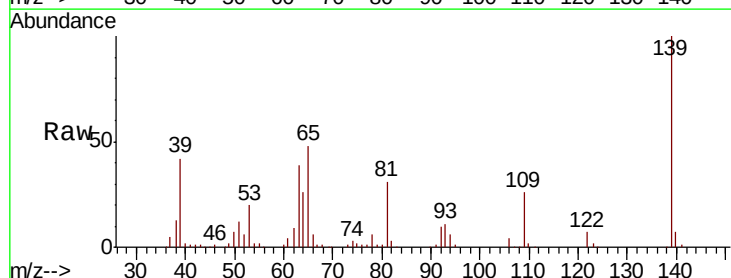
Tgt Ion: 139 Resp: 213114

Ion Ratio Lower Upper

139 100

109 26.5 21.7 32.5

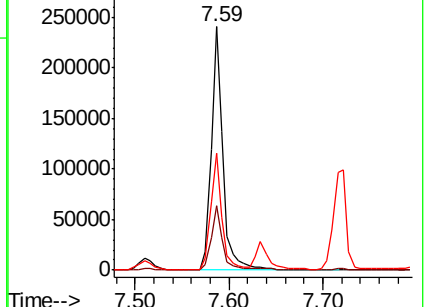
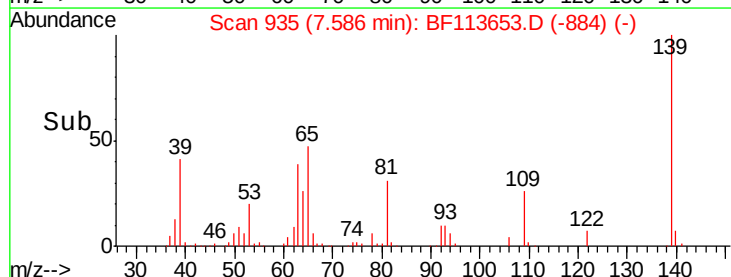
65 47.9 41.6 62.4

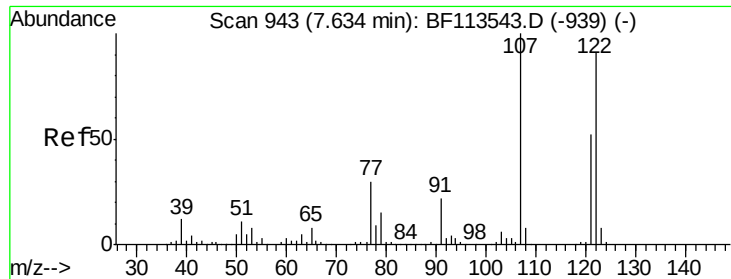


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

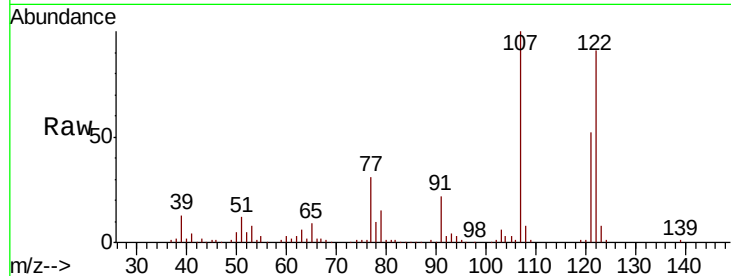




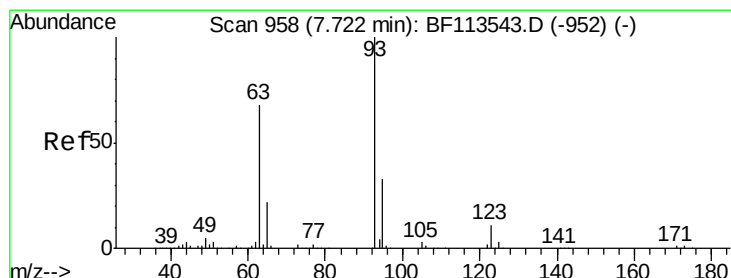
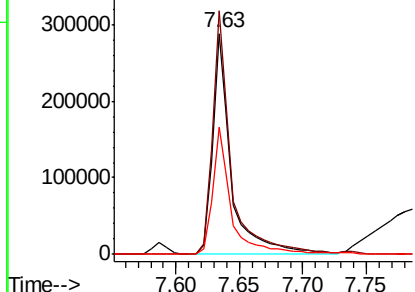
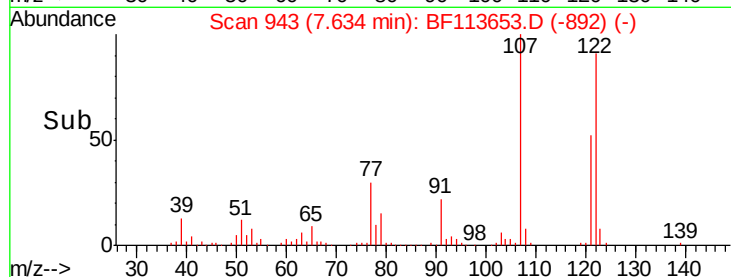
#27
2,4-Dimethylphenol
Concen: 39.545 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 295203
Ion Ratio Lower Upper
122 100
107 110.1 88.8 133.2
121 57.3 45.5 68.3

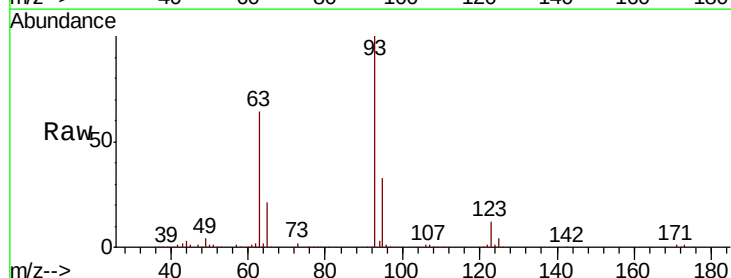


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

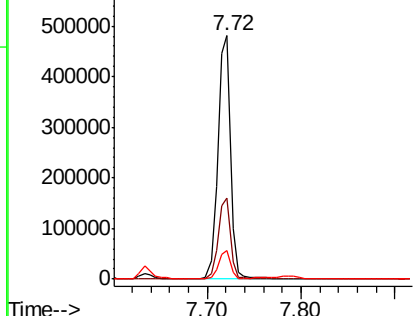
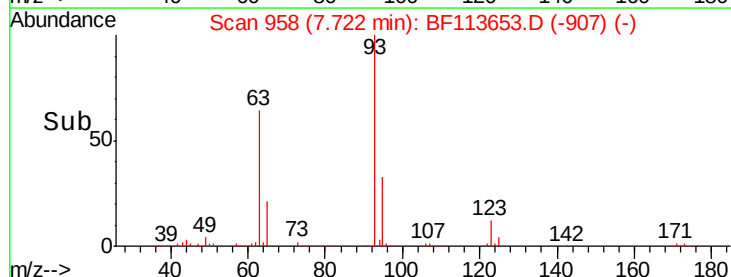


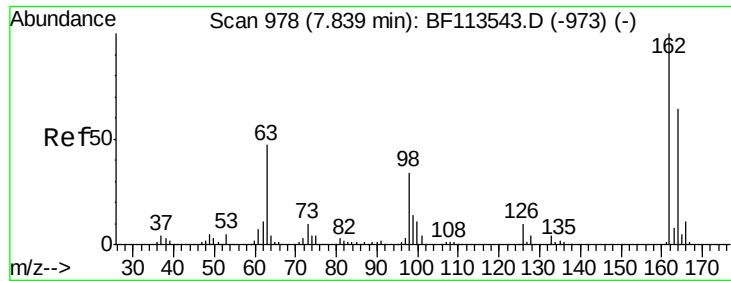
#28
bis(2-Chloroethoxy)methane
Concen: 39.772 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion: 93 Resp: 456332
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 11.5 9.1 13.7



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

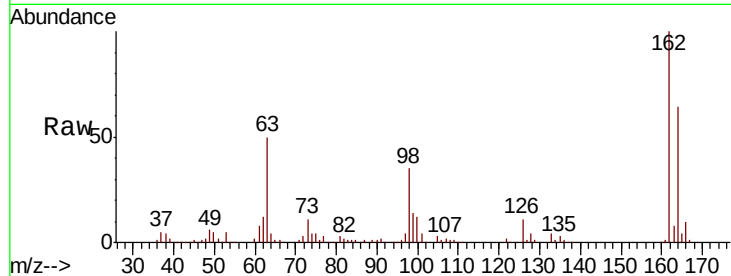




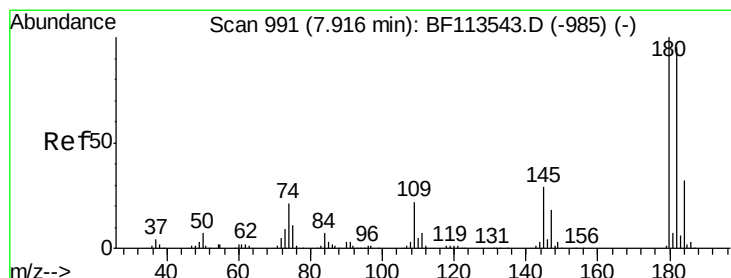
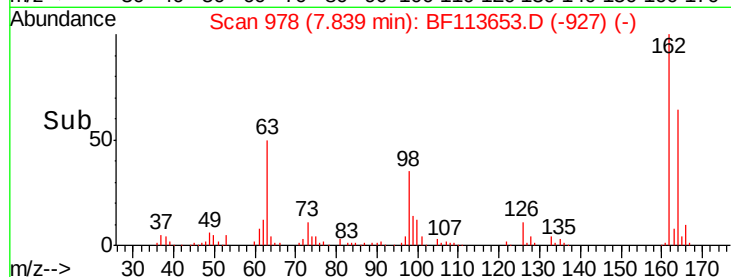
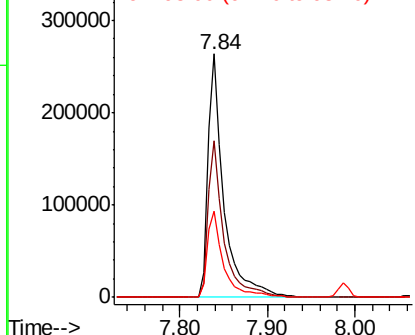
#29
 2,4-Dichlorophenol
 Concen: 41.440 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	35.5	15.6	55.6

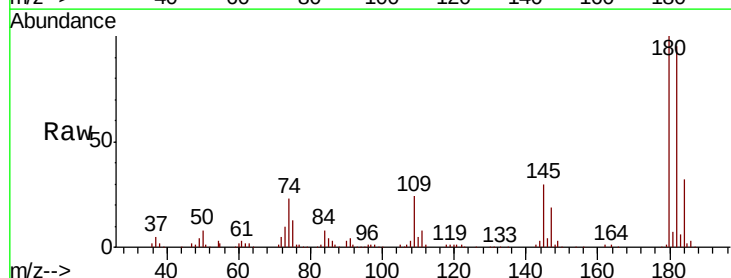


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

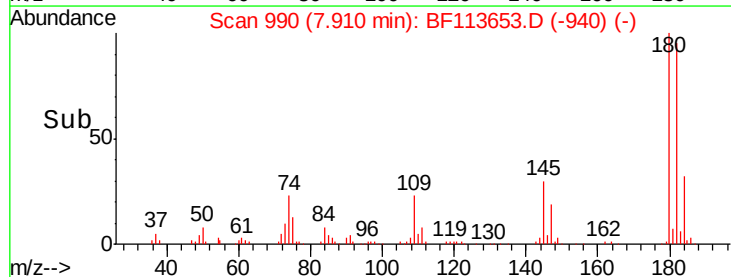
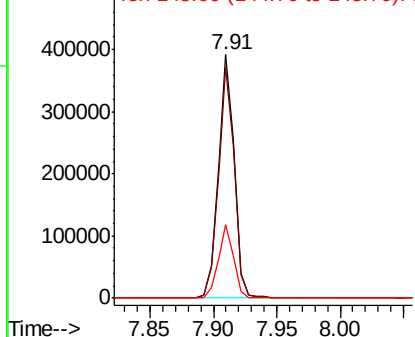


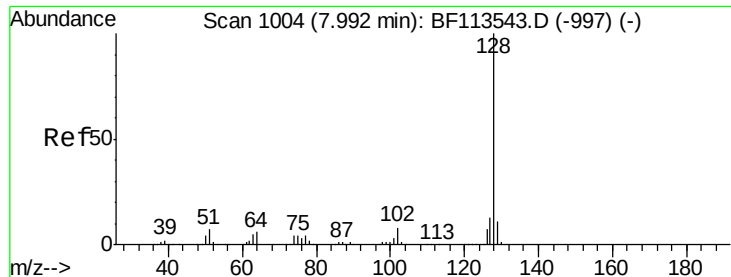
#30
 1,2,4-Trichlorobenzene
 Concen: 39.912 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.6	111.8
145	29.9	23.4	35.0



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

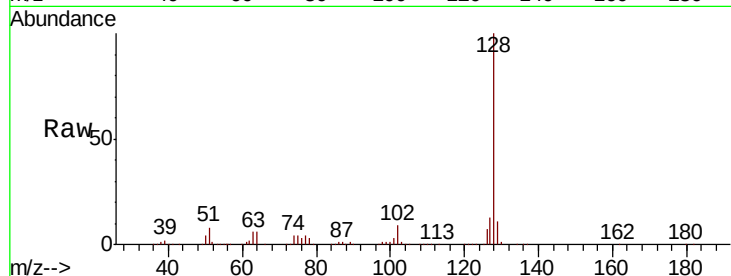




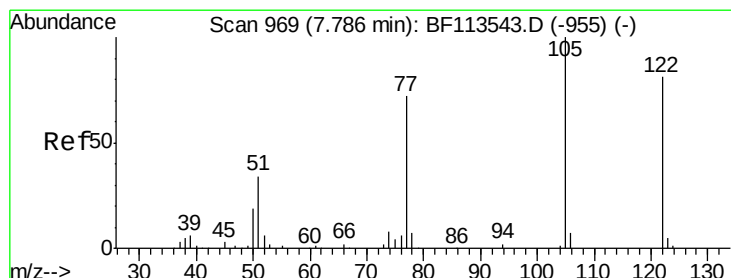
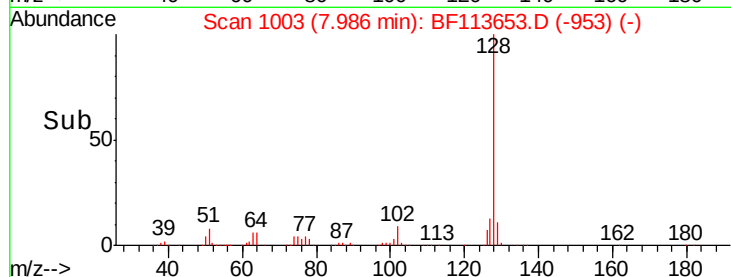
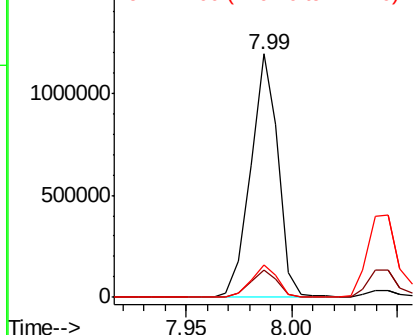
#31
Naphthalene
Concen: 40.241 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1075971
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.3 10.9 16.3

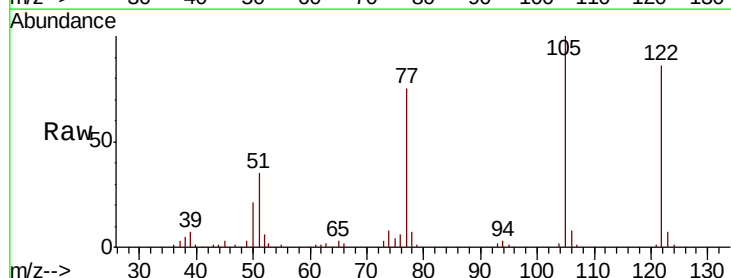


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

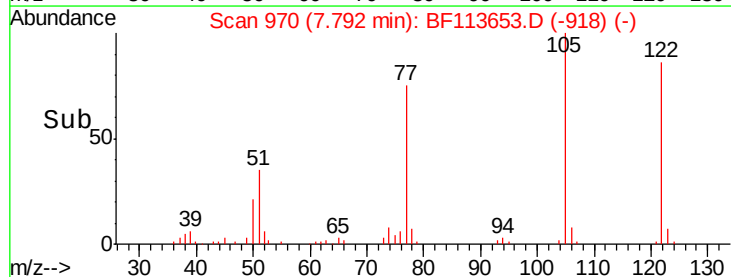
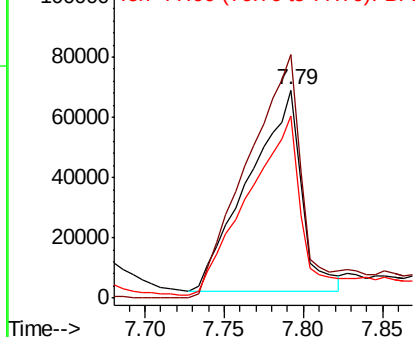


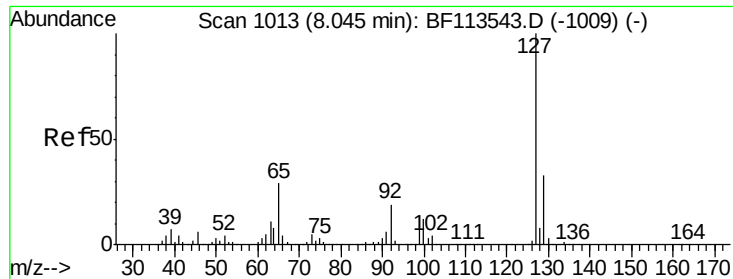
#32
Benzoic acid
Concen: 26.648 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:122 Resp: 154039
Ion Ratio Lower Upper
122 100
105 116.9 100.4 140.4
77 87.6 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

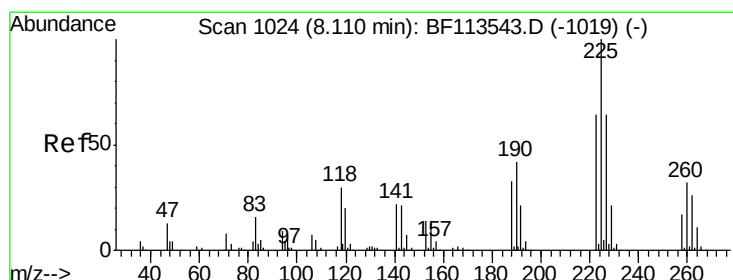
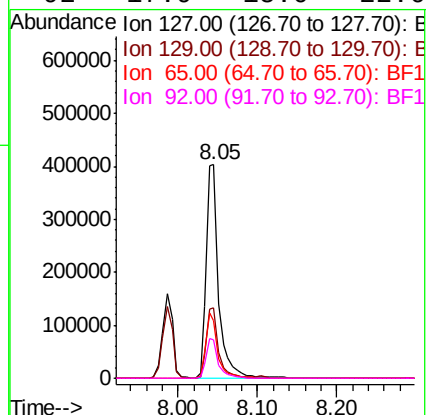
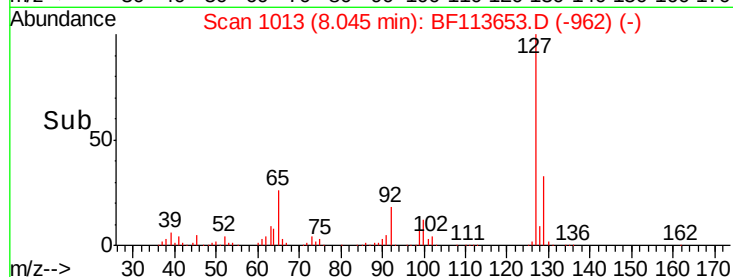
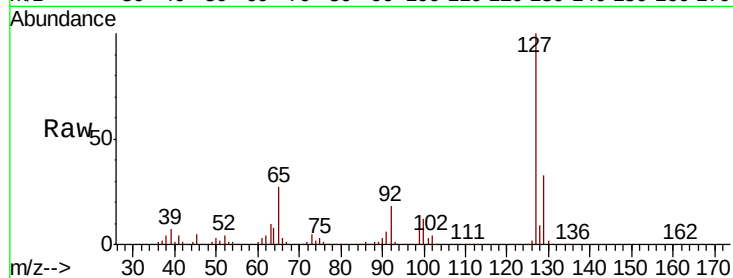




#33
4-Chloroaniline
Concen: 42.095 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

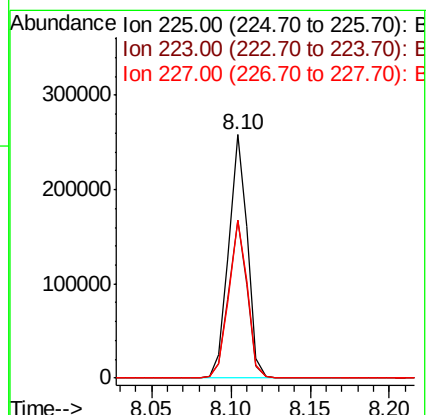
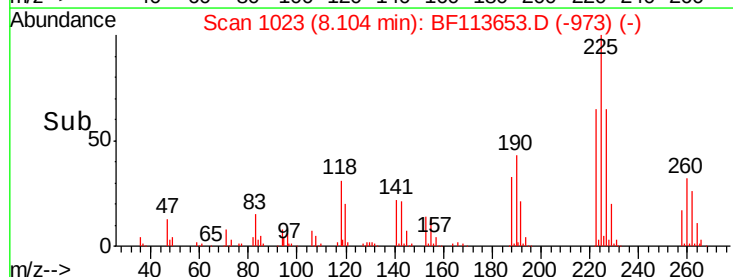
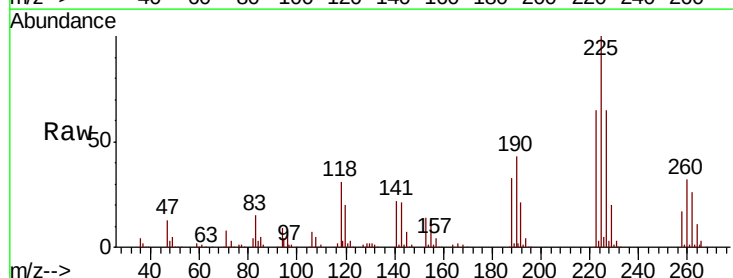
Instrument :
BNA_F
ClientSampled :

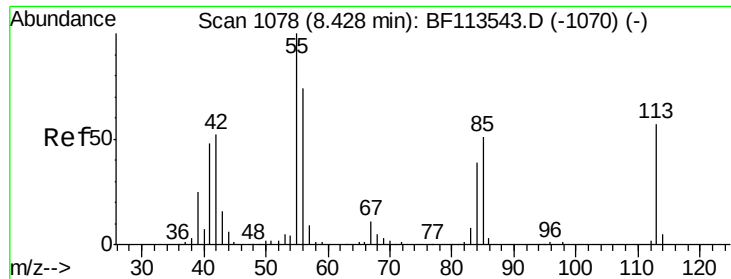
Tot Ion:	127	Resp:	446289
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	26.9	24.2	36.4
92	17.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.888 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:	225	Resp:	210930
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.4	77.2
227	64.7	51.1	76.7

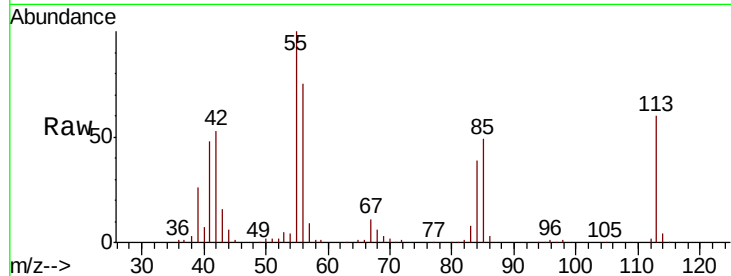




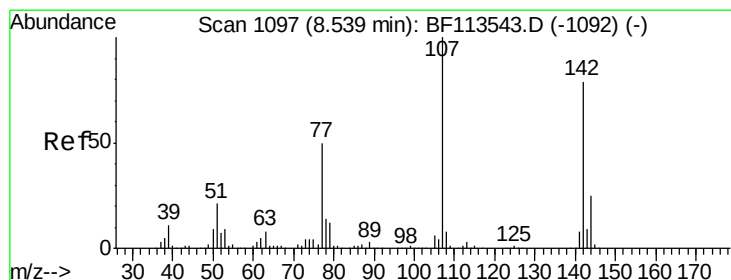
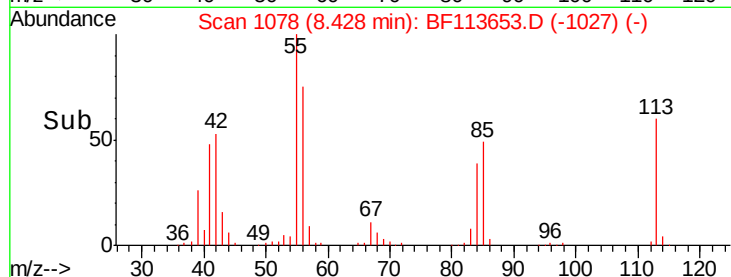
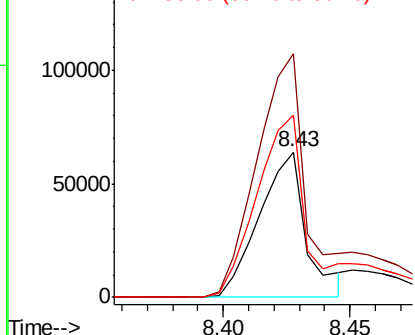
#35
 Caprolactam
 Concen: 32.598 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 82648
 Ion Ratio Lower Upper
 113 100
 55 167.8 152.7 192.7
 56 125.8 108.3 148.3

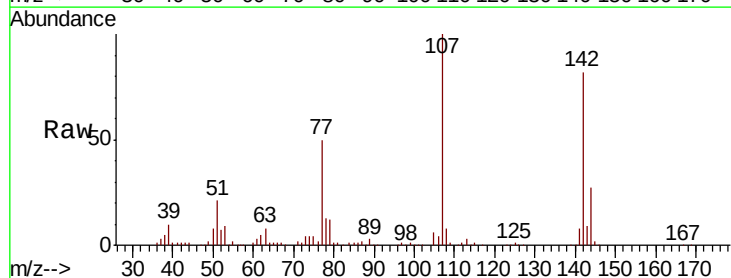


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

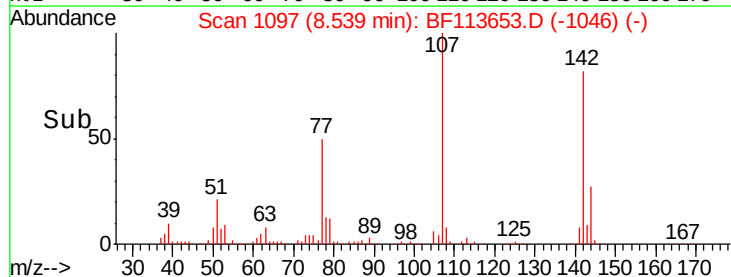
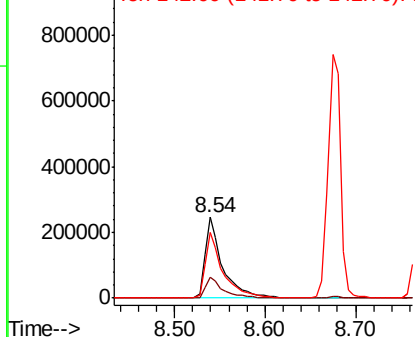


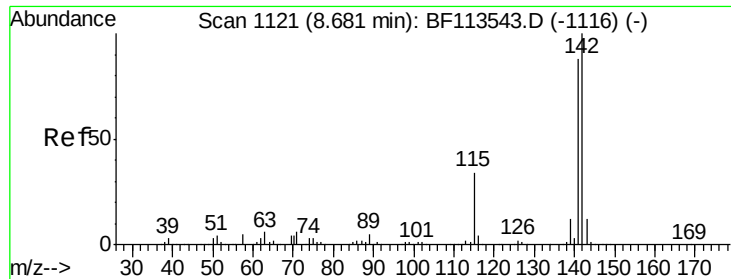
#36
 4-Chloro-3-methylphenol
 Concen: 41.553 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion:107 Resp: 333164
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.0
 142 81.7 65.6 98.4



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

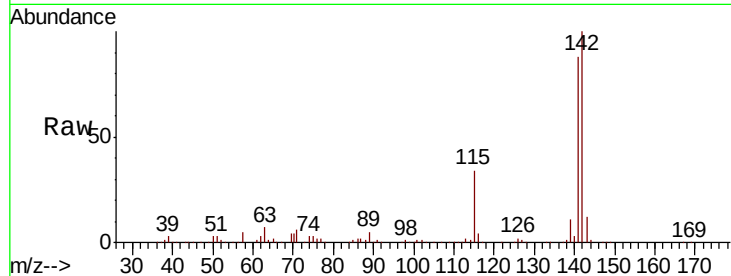




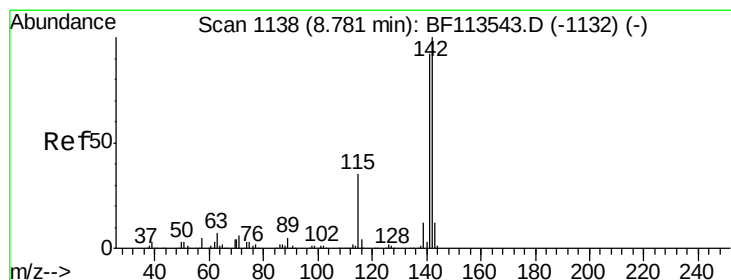
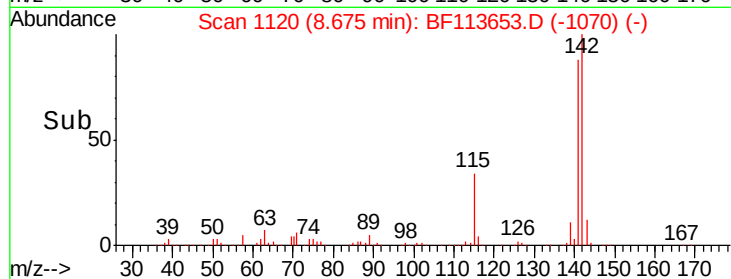
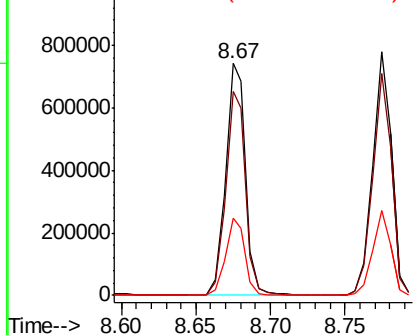
#37
2-Methylnaphthalene
Concen: 39.717 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 698446
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 33.5 26.6 39.8

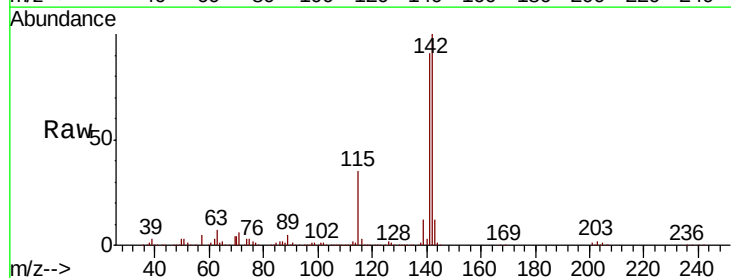


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

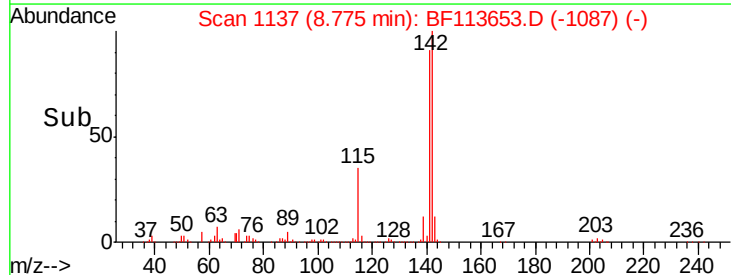
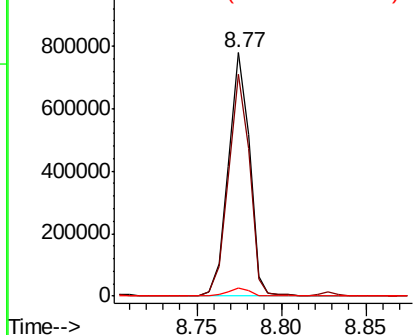


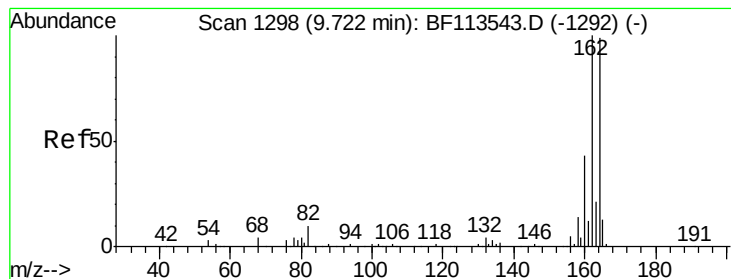
#38
1-Methylnaphthalene
Concen: 39.650 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:142 Resp: 672334
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8
116 3.5 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: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

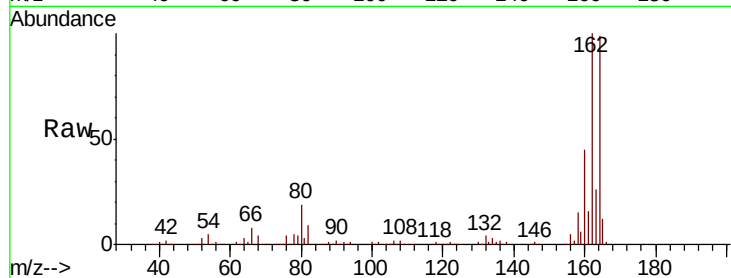
Tot Ion:164 Resp: 263378

Ion Ratio Lower Upper

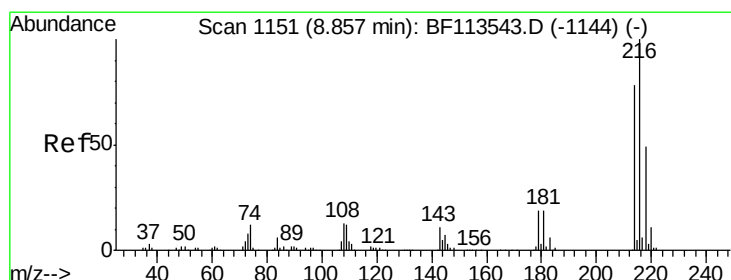
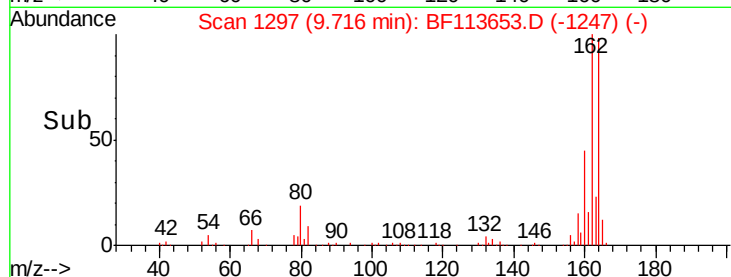
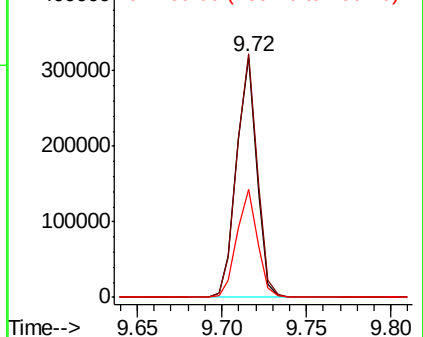
164 100

162 101.4 81.8 122.6

160 45.2 36.4 54.6



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: 40.576 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Tgt Ion:216 Resp: 345619

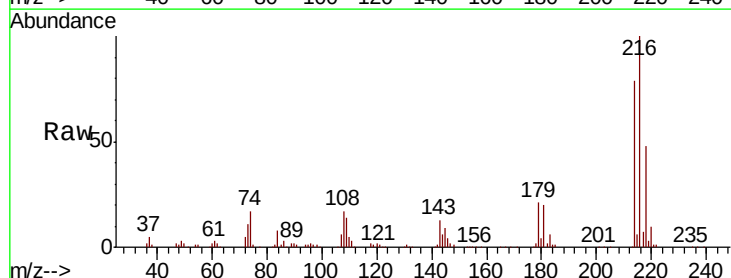
Ion Ratio Lower Upper

216 100

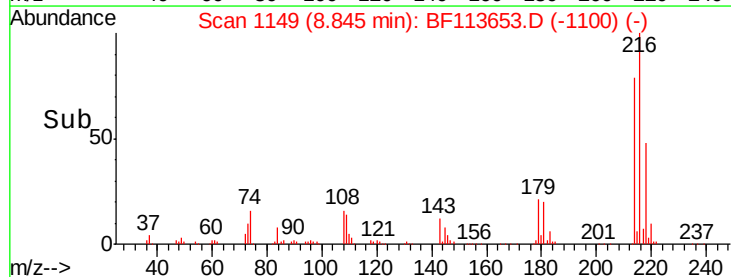
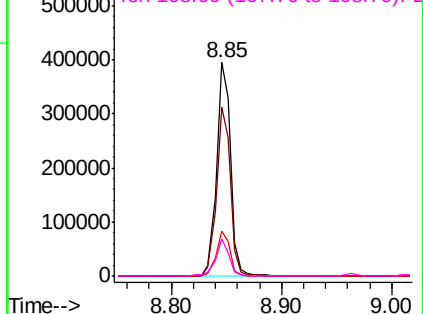
214 79.0 63.0 94.6

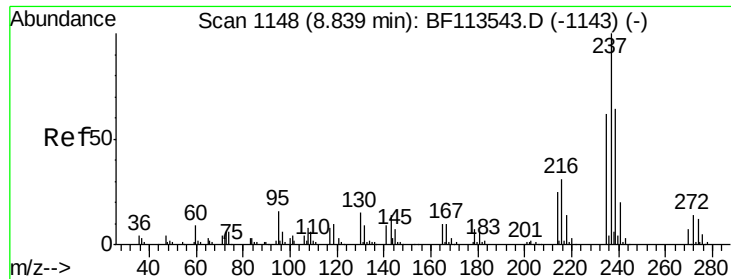
179 20.1 16.8 25.2

108 16.5 13.8 20.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

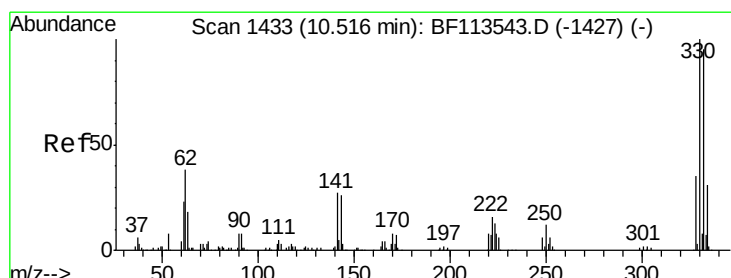
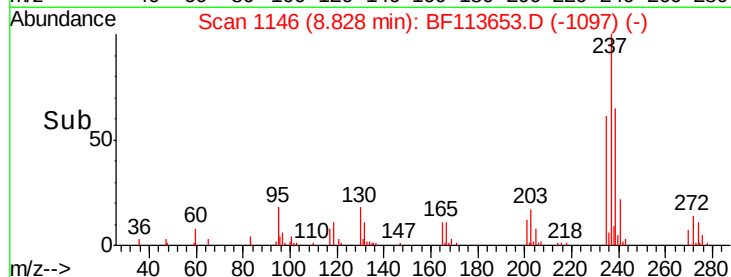
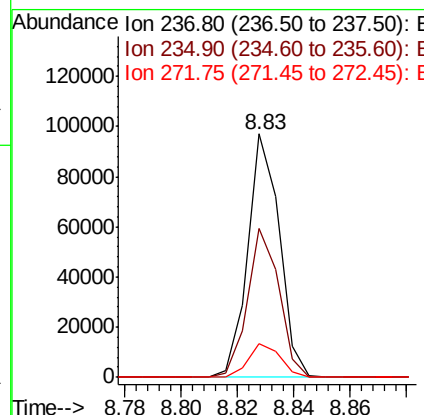
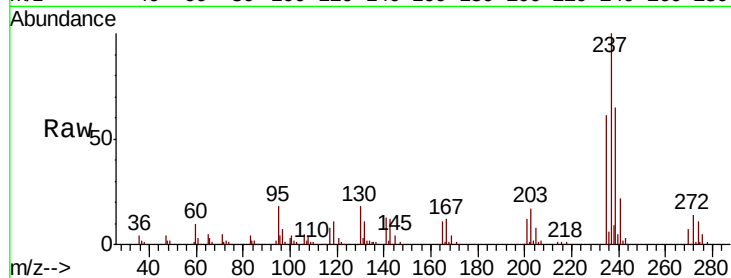




#41
Hexachlorocyclopentadiene
Concen: 34.408 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

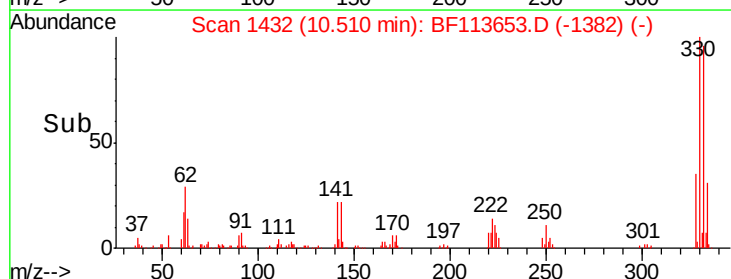
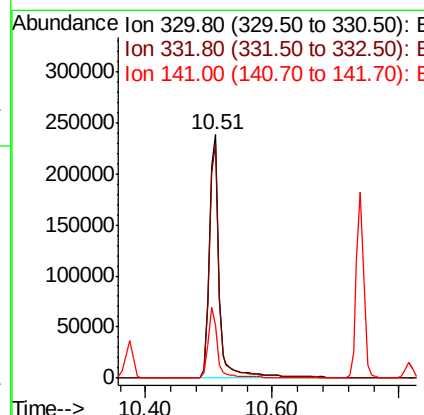
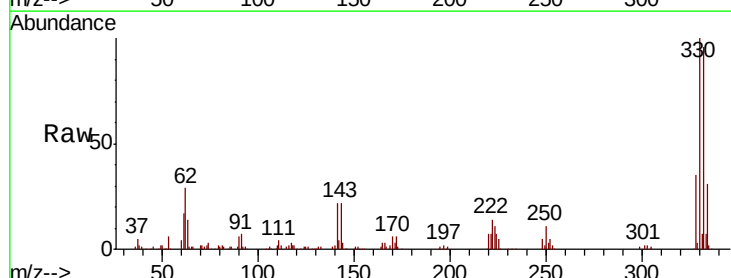
Instrument :
BNA_F
ClientSampleId :

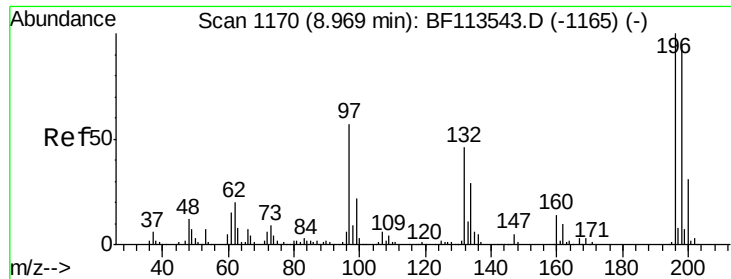
Tot Ion:237 Resp: 75293
Ion Ratio Lower Upper
237 100
235 60.9 43.4 83.4
272 13.9 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 81.777 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:330 Resp: 258726
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 26.0 22.7 34.1

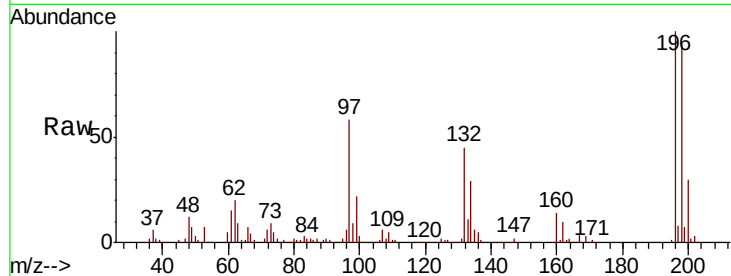




#43
 2,4,6-Trichlorophenol
 Concen: 39.057 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

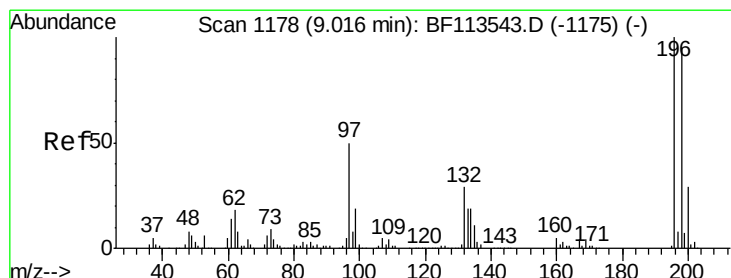
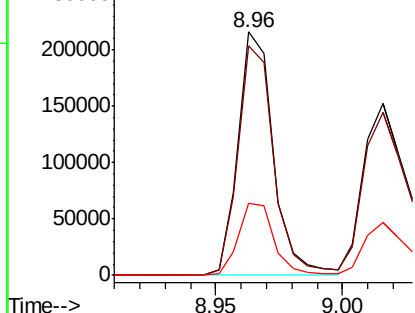
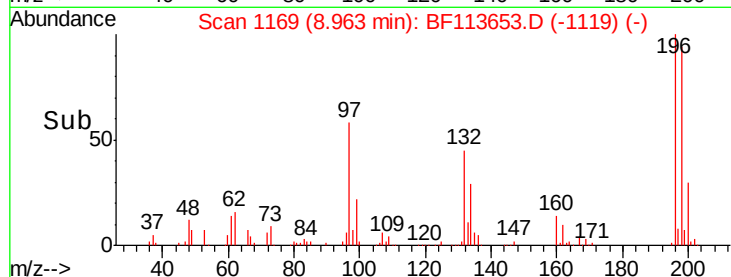
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.7	116.5
200	29.6	24.9	37.3



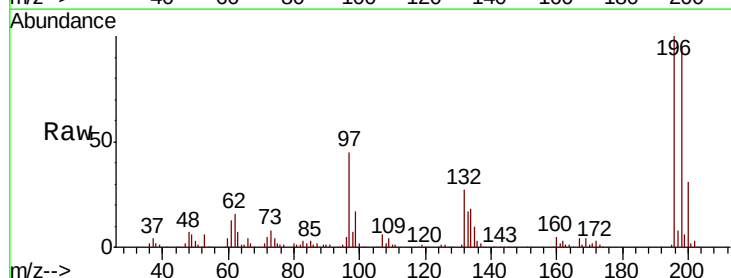
Abundance vs Time-->

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



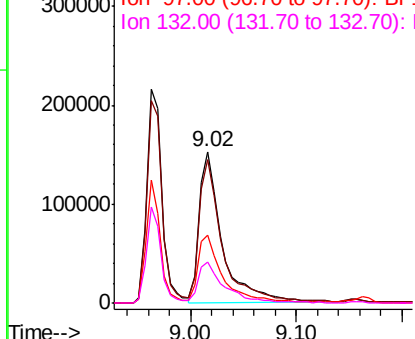
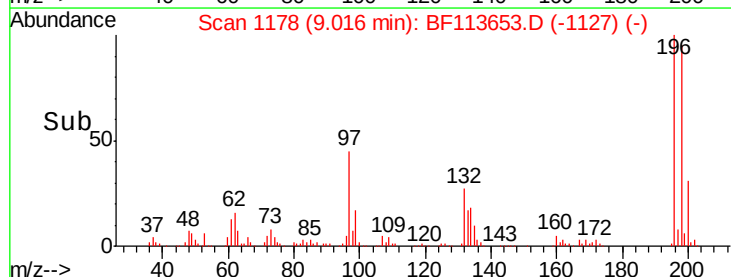
#44
 2,4,5-Trichlorophenol
 Concen: 39.470 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

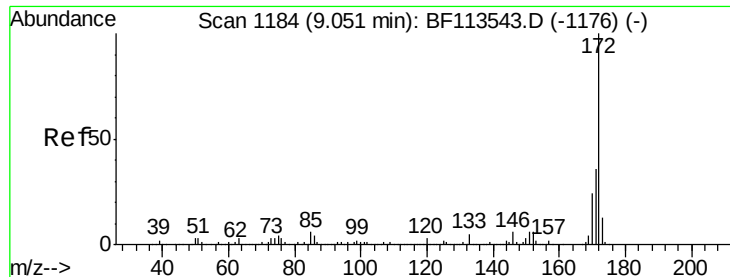
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.4	113.2
97	45.3	38.6	58.0
132	27.0	22.9	34.3



Abundance vs Time-->

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

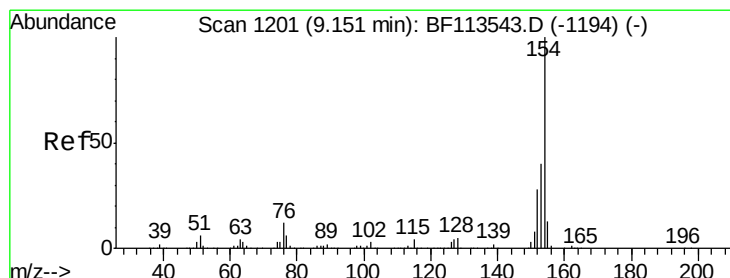
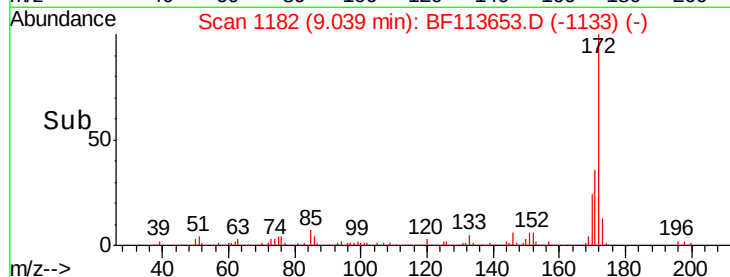
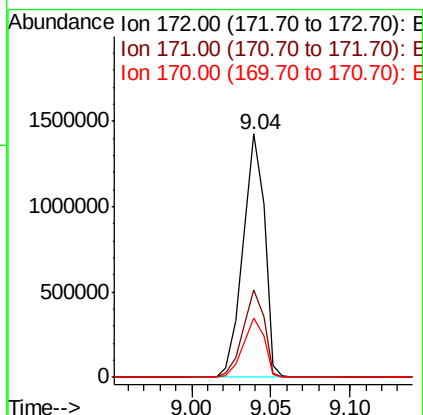
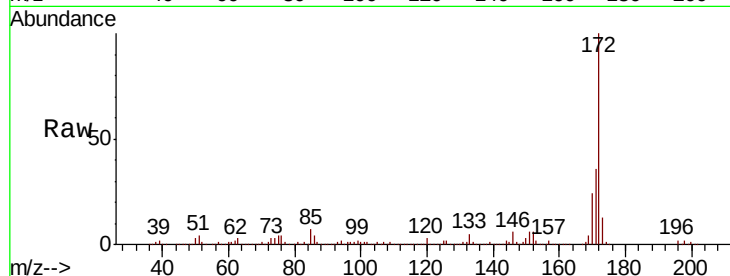




#45
2-Fluorobiphenyl
Concen: 82.345 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

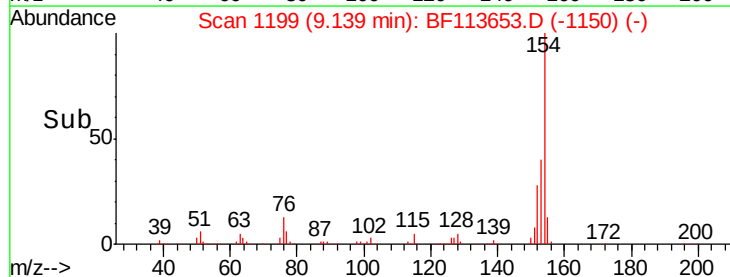
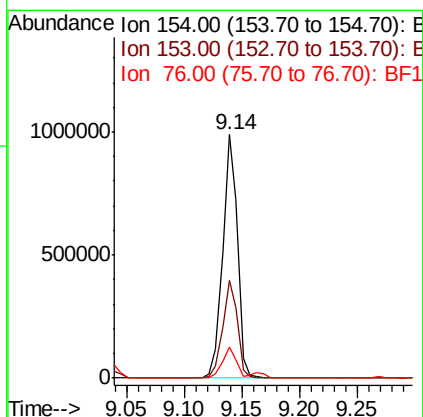
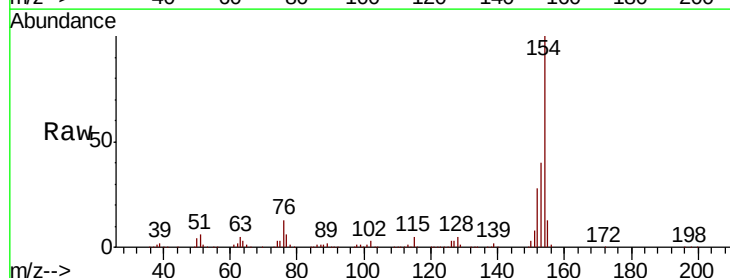
Instrument :
BNA_F
ClientSampleId :

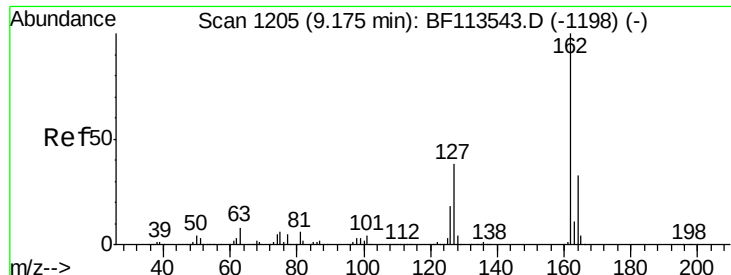
Tot Ion:172 Resp: 1347161
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.4 19.5 29.3



#46
1,1'-Biphenyl
Concen: 40.292 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:154 Resp: 875701
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 12.7 0.0 31.9

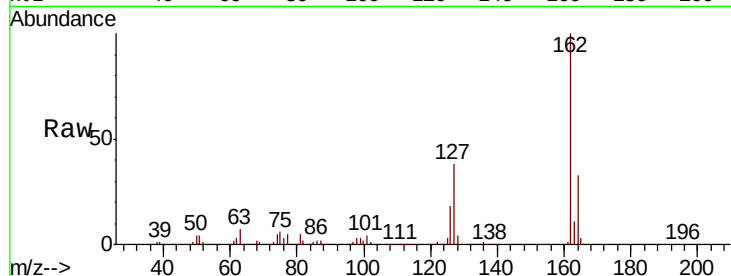




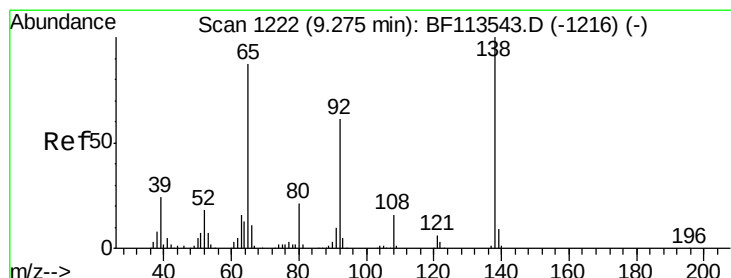
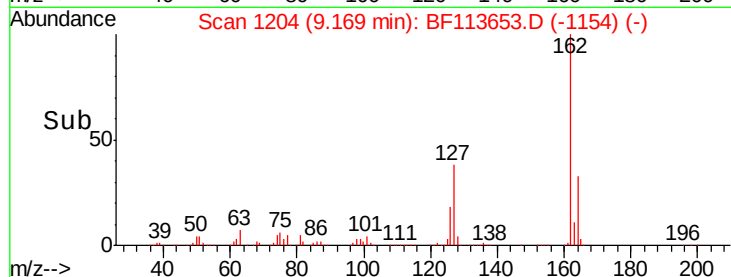
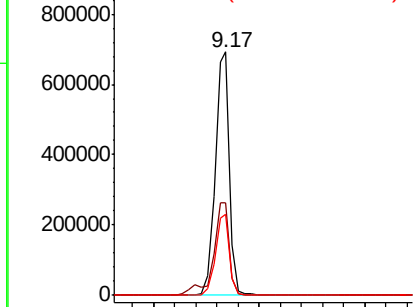
#47
 2-Chloronaphthalene
 Concen: 40.191 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.6	49.0
164	33.4	26.6	39.8

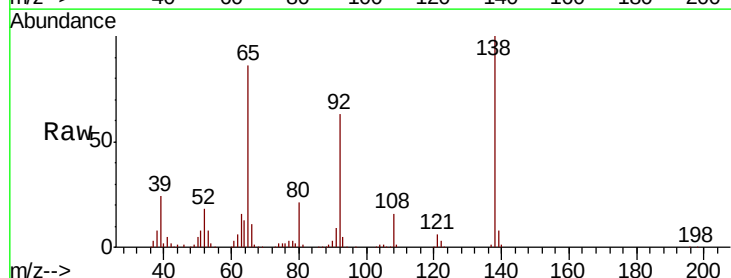


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

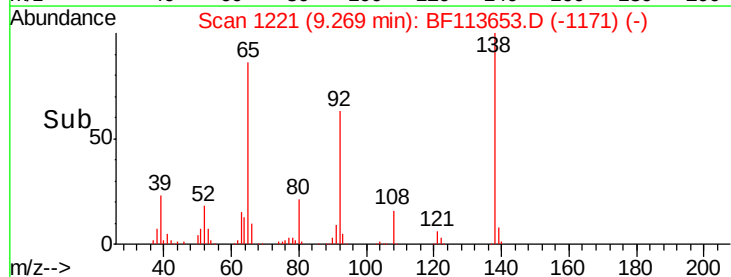
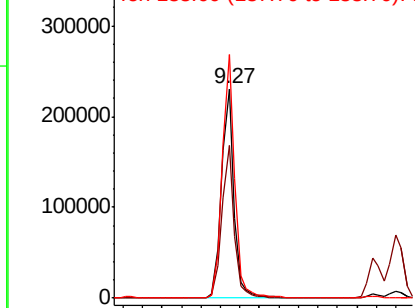


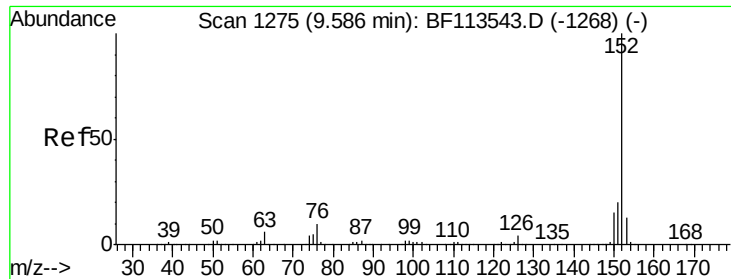
#48
 2-Nitroaniline
 Concen: 41.039 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	56.8	85.2
138	116.2	92.3	138.5



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





#49

Acenaphthylene

Concen: 40.029 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

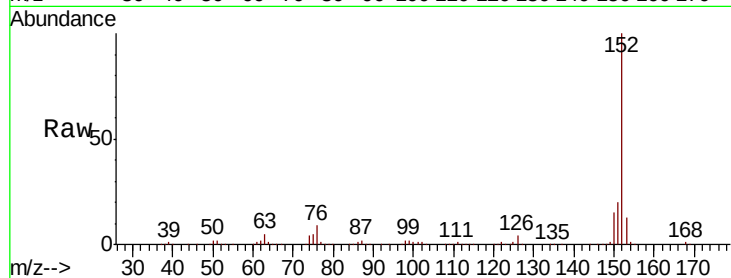
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1071117

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	11.0	16.6

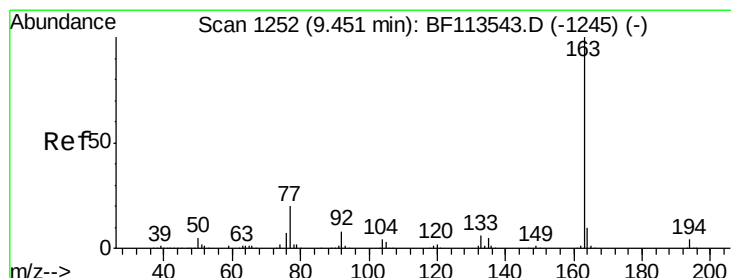
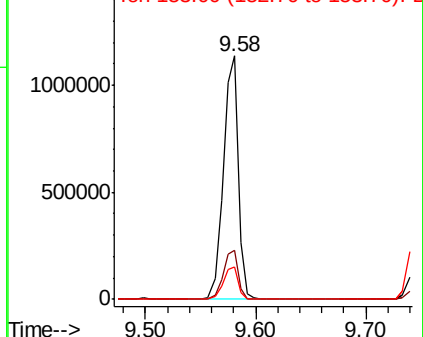
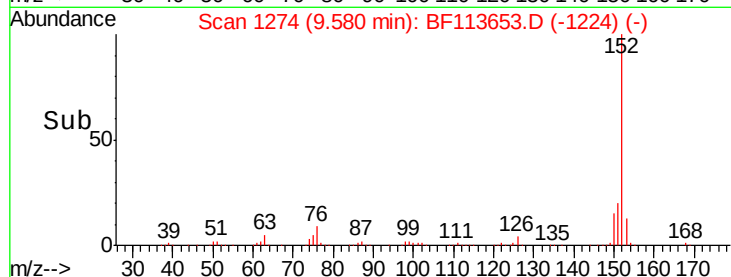


Abundance

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: 39.087 ng

RT: 9.44 min Scan# 1250

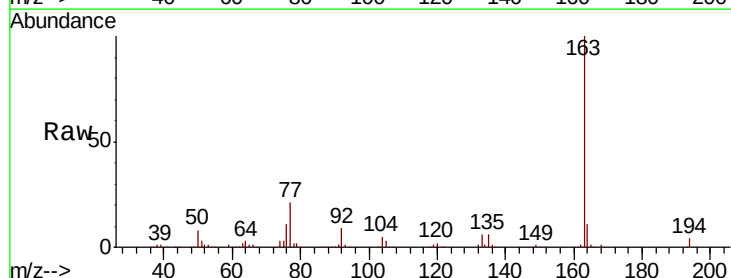
Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Tgt Ion:163 Resp: 758848

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.6	8.1	12.1

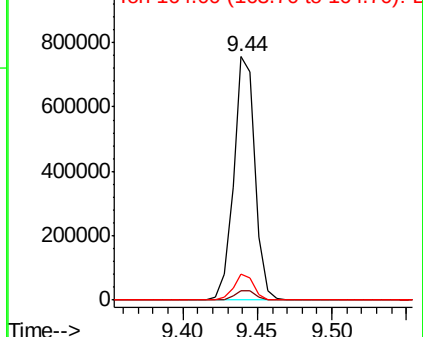
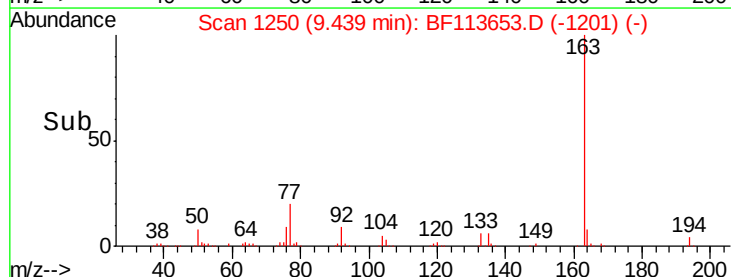


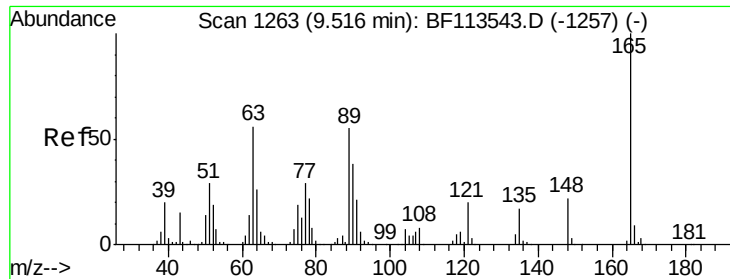
Abundance

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: 40.398 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

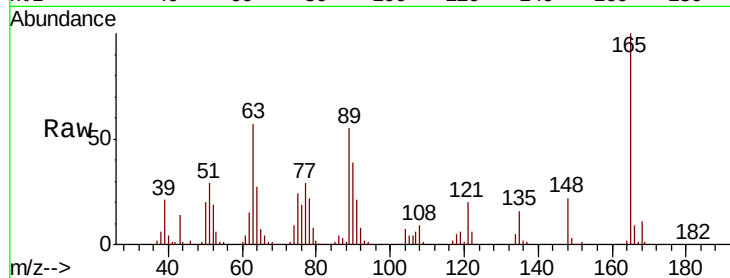
Tot Ion:165 Resp: 172885

Ion Ratio Lower Upper

165 100

63 57.1 43.4 65.0

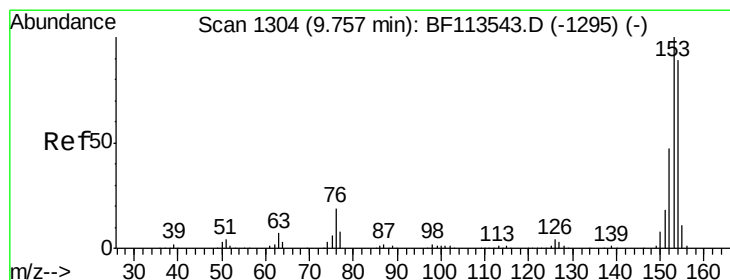
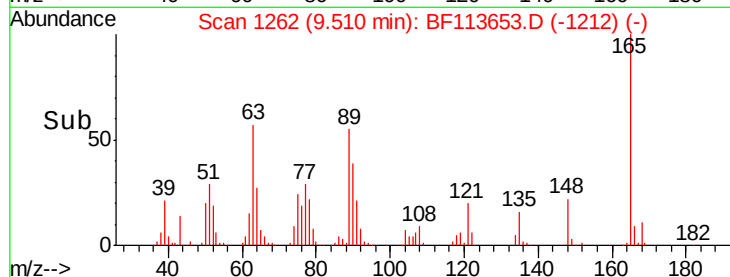
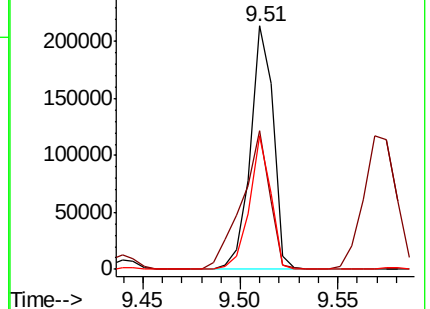
89 55.1 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.256 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

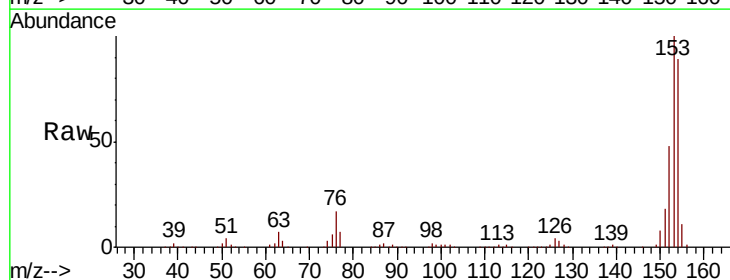
Tgt Ion:154 Resp: 616607

Ion Ratio Lower Upper

154 100

153 111.8 89.5 134.3

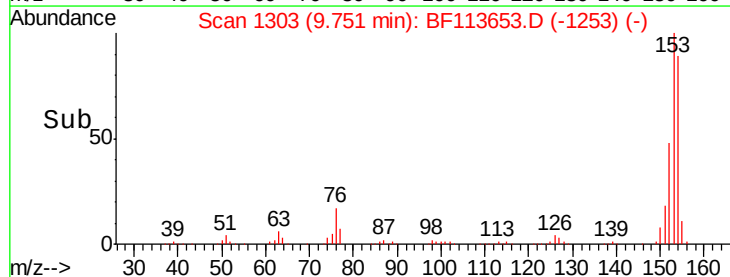
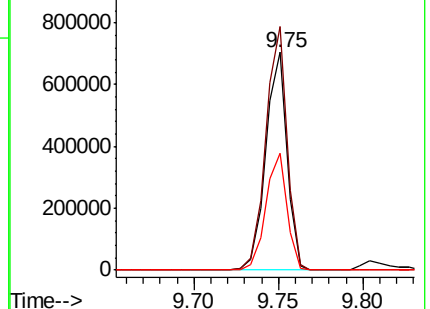
152 53.7 43.3 64.9

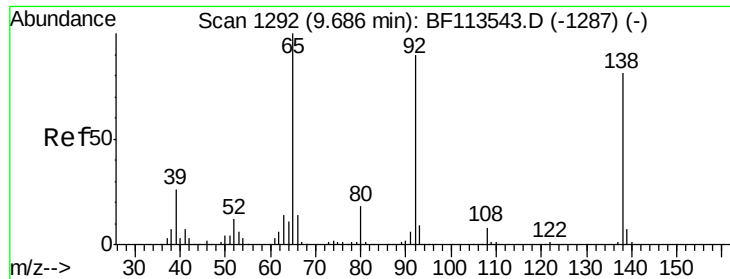


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

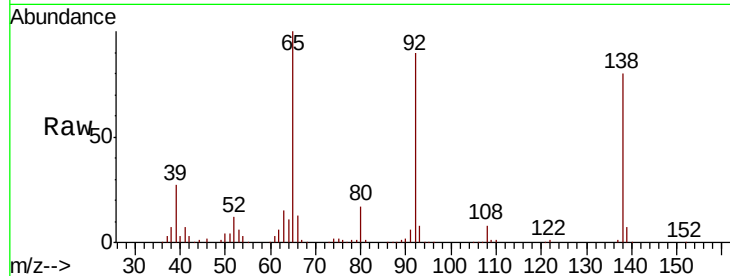




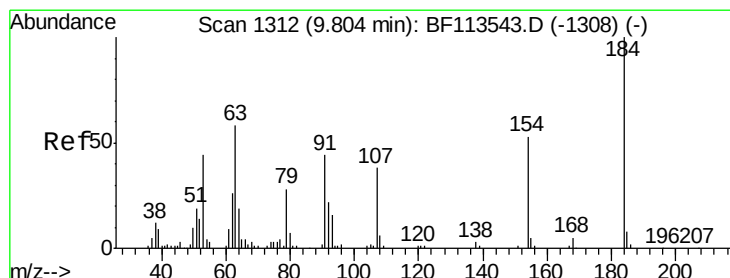
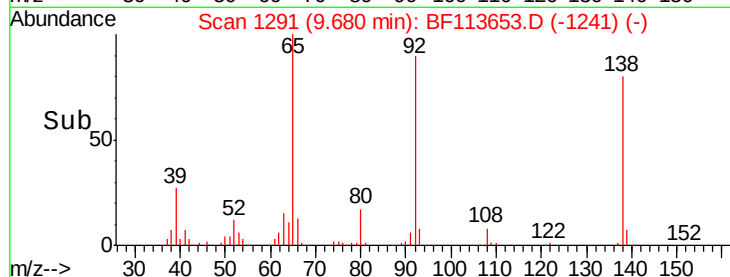
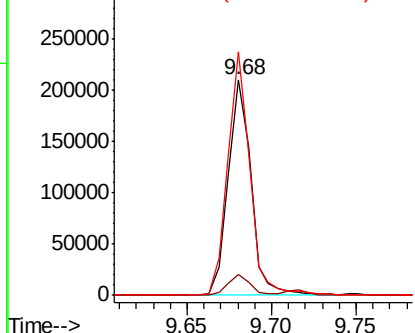
#53
 3-Nitroaniline
 Concen: 40.658 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 197822
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 112.7 82.6 124.0

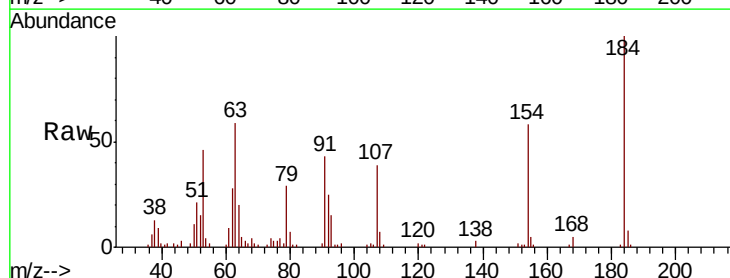


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

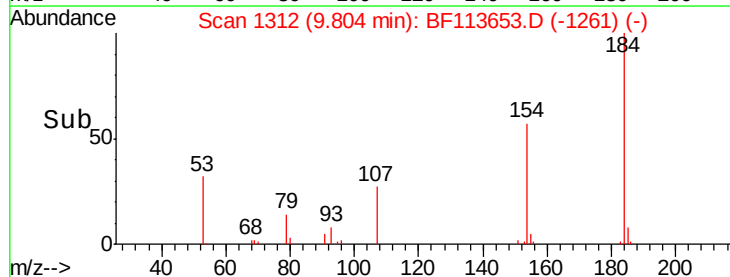
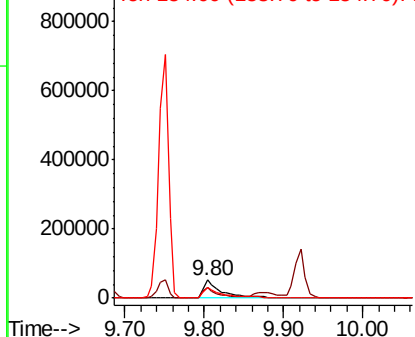


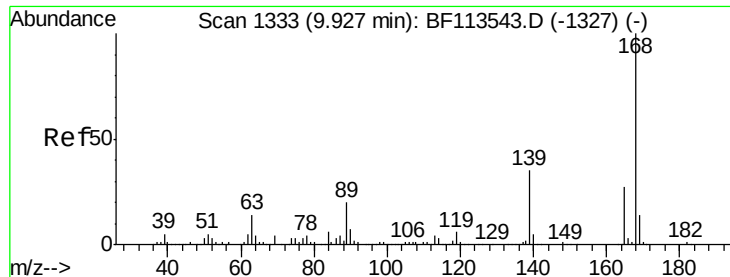
#54
 2,4-Dinitrophenol
 Concen: 43.150 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion:184 Resp: 86393
 Ion Ratio Lower Upper
 184 100
 63 58.6 54.3 81.5
 154 57.6 48.4 72.6



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

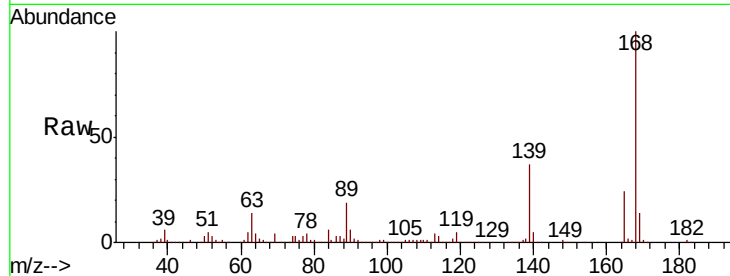




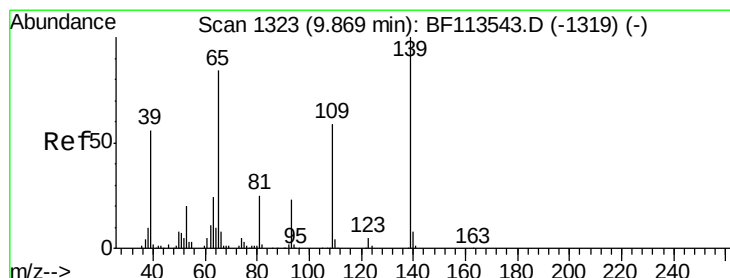
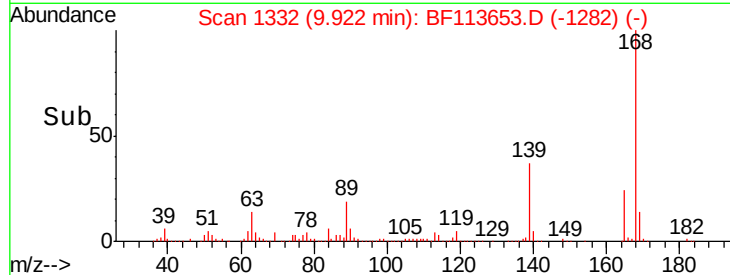
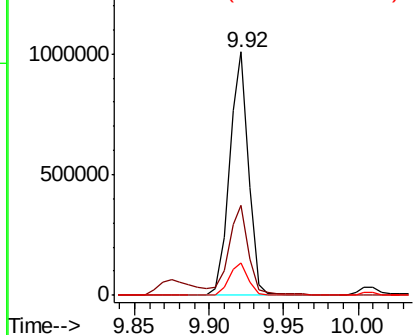
#55
Dibenzofuran
Concen: 40.248 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 904312
Ion Ratio Lower Upper
168 100
139 37.0 29.7 44.5
169 13.5 10.7 16.1

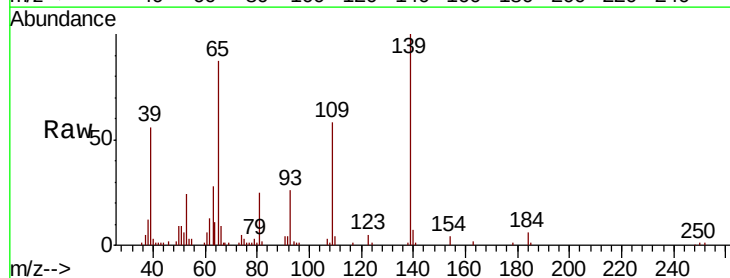


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

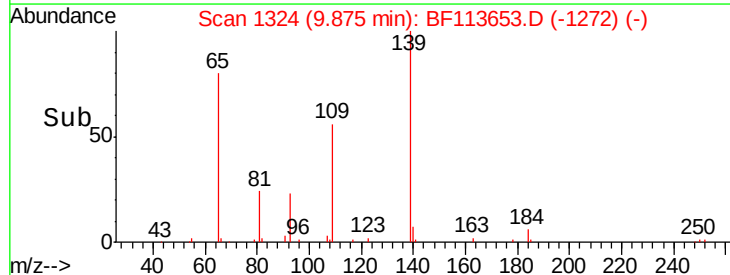
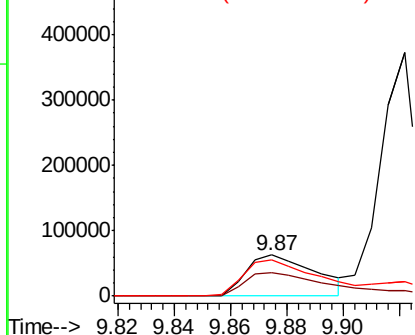


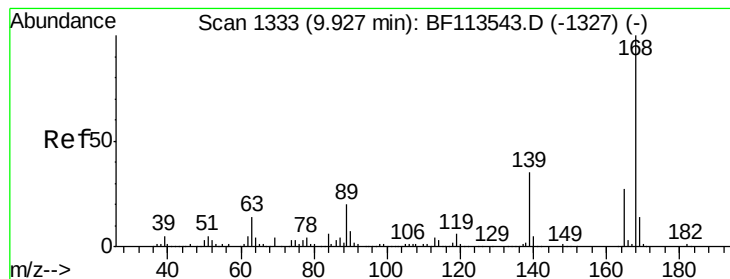
#56
4-Nitrophenol
Concen: 34.995 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:139 Resp: 105624
Ion Ratio Lower Upper
139 100
109 57.8 46.9 86.9
65 87.3 77.2 117.2



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: 40.901 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 211694

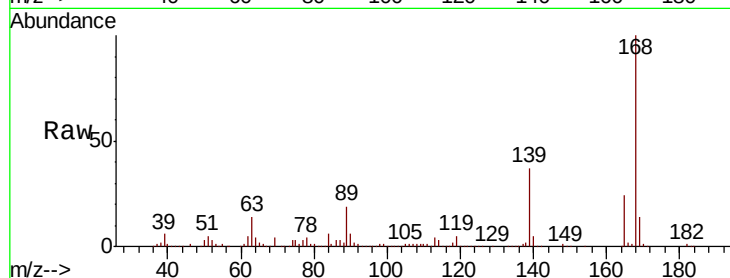
Ion Ratio Lower Upper

165 100

63 59.9 37.5 56.3#

89 79.6 57.4 86.2

182 2.6 2.0 3.0

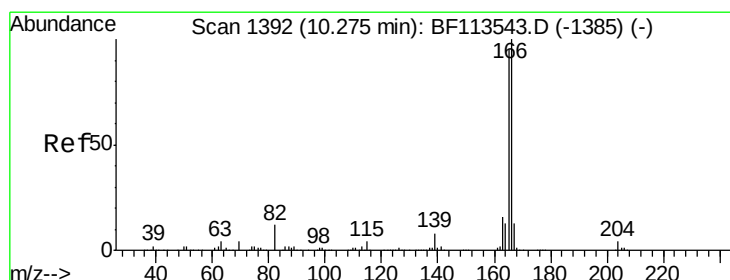
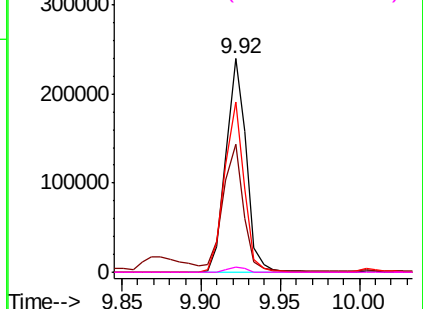
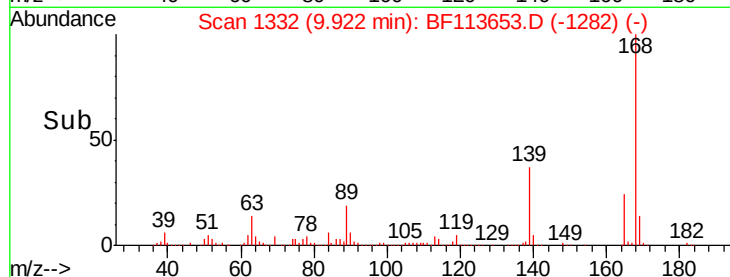


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.596 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

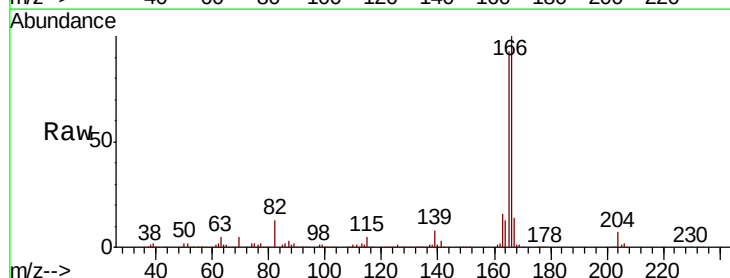
Tgt Ion:166 Resp: 721429

Ion Ratio Lower Upper

166 100

165 93.2 76.2 114.2

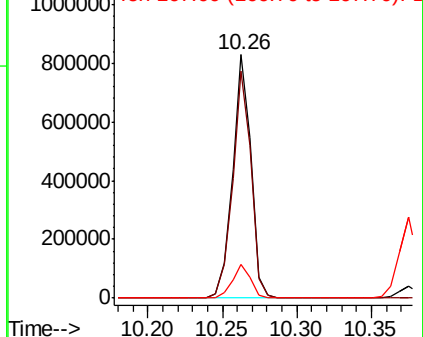
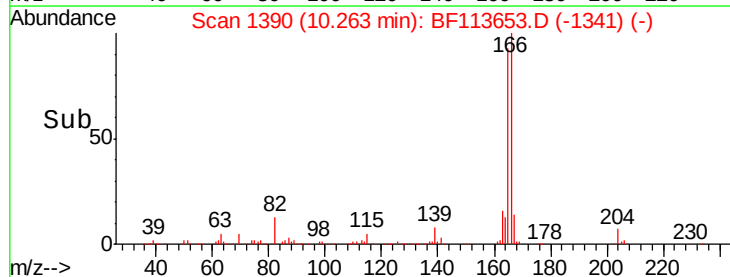
167 13.8 10.7 16.1

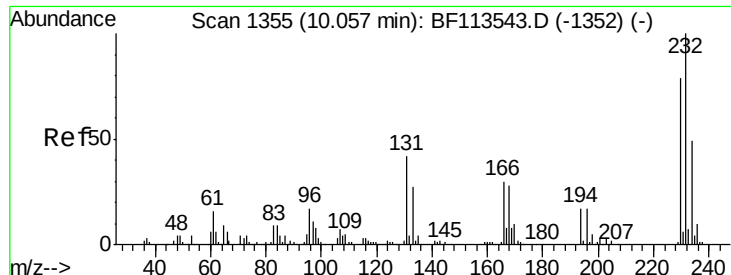


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

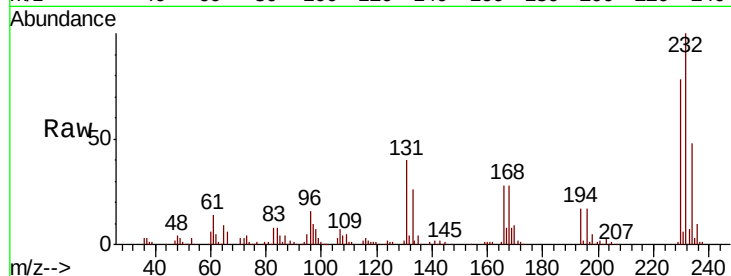




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.137 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.5	33.2	49.8
130	1.6	1.6	2.4
166	23.7	21.0	31.6



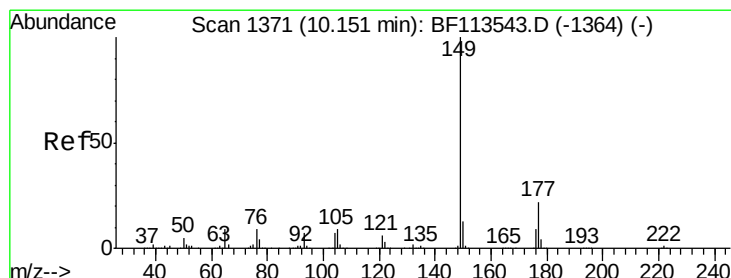
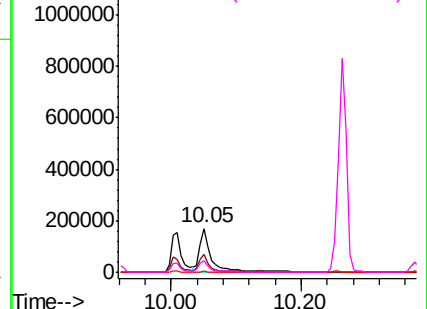
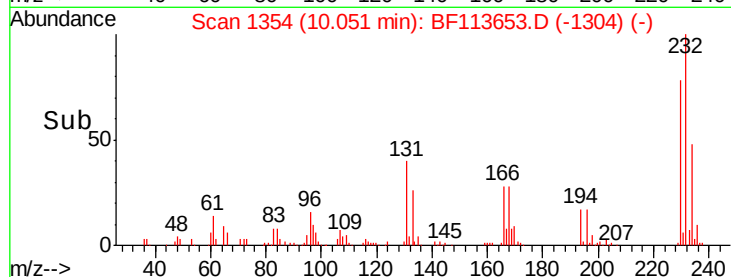
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

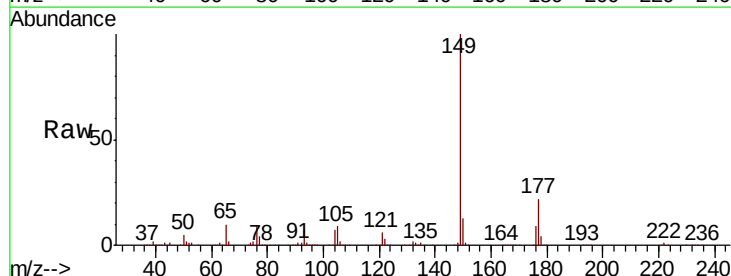
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.819 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.5	10.0	15.0

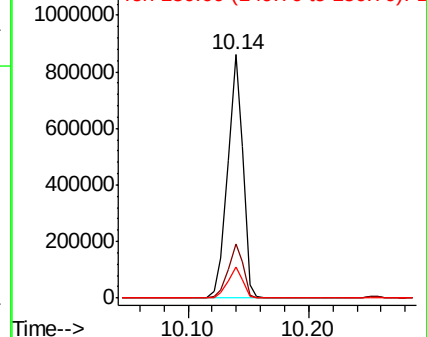
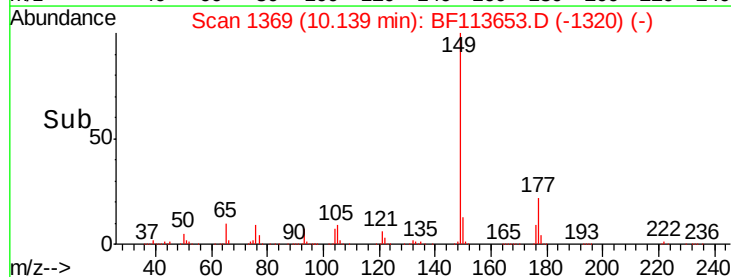


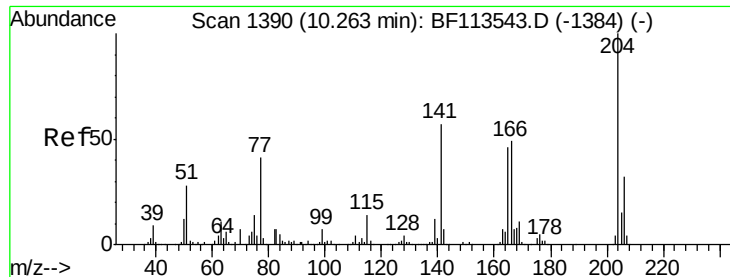
Abundance

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

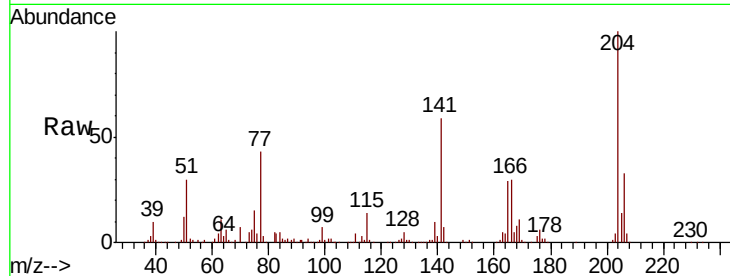




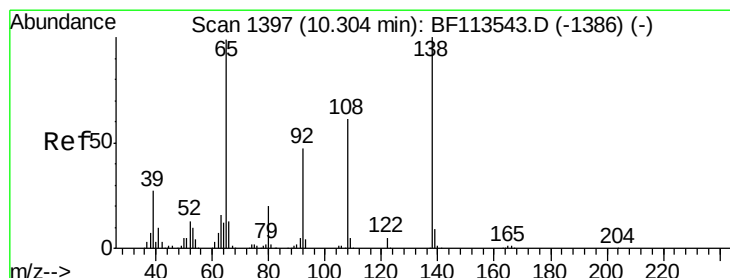
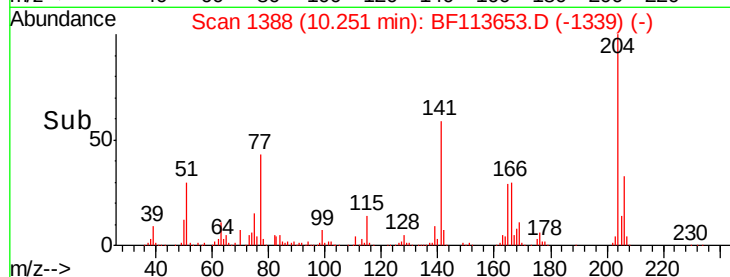
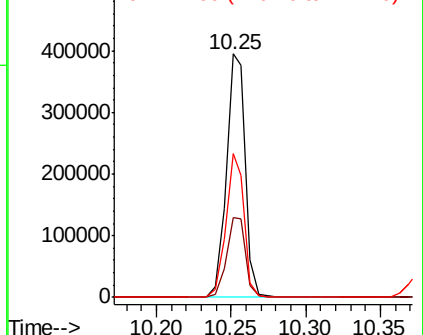
#61
 4-Chlorophenyl-phenylether
 Concen: 40.615 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 355012
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.9 40.3
 141 58.9 48.8 73.2

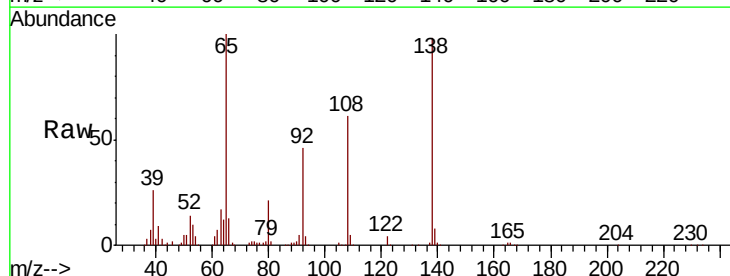


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

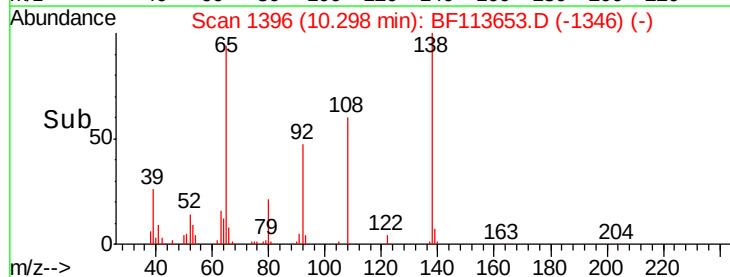
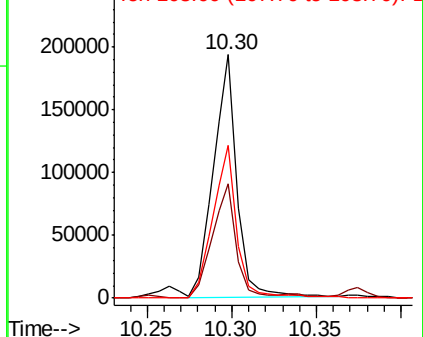


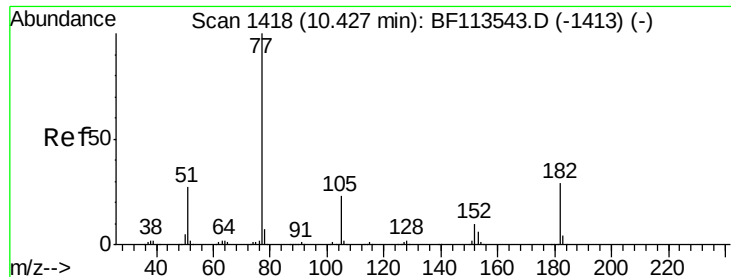
#62
 4-Nitroaniline
 Concen: 37.719 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion:138 Resp: 186622
 Ion Ratio Lower Upper
 138 100
 92 46.8 25.8 65.8
 108 62.5 44.0 84.0



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

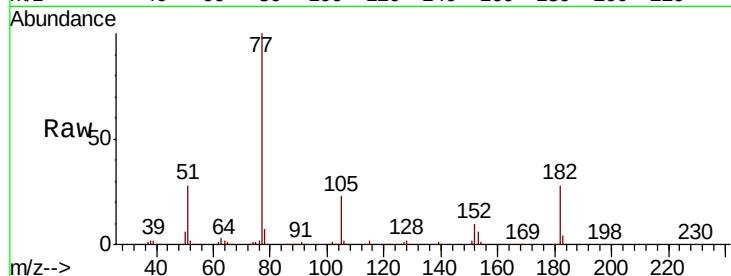




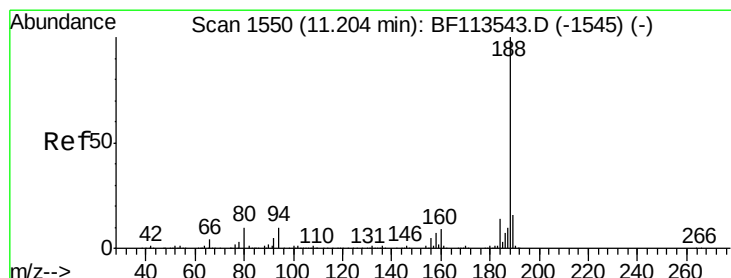
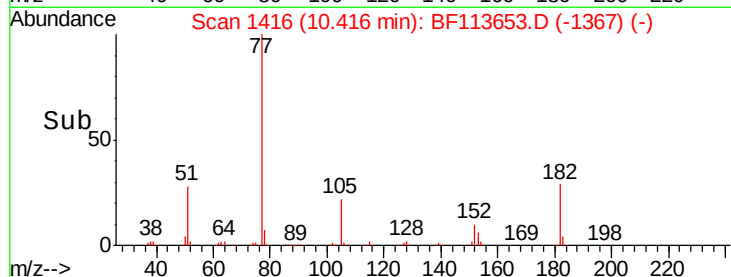
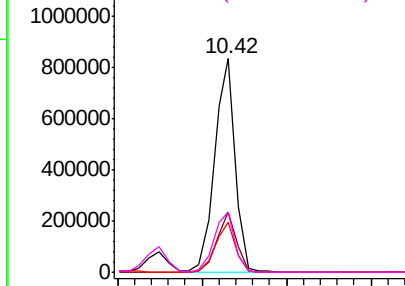
#63
Azobenzene
Concen: 39.687 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	703384
Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.7	48.7
105	23.4	2.9	42.9
51	28.0	8.8	48.8

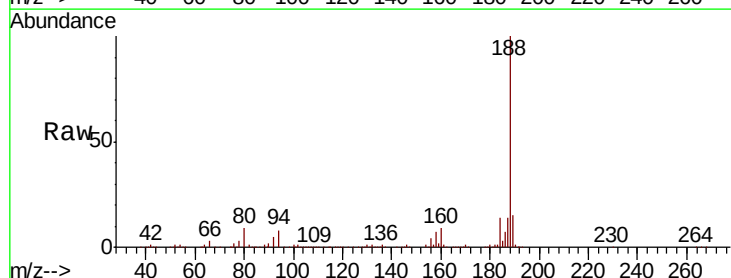


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

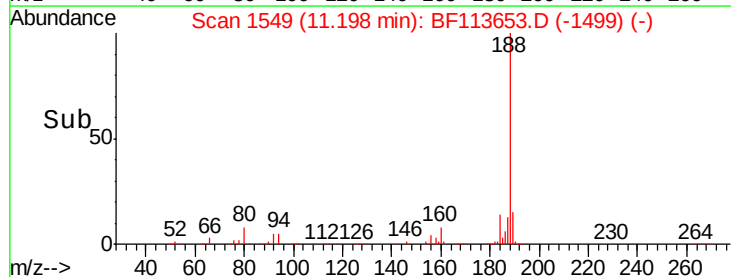
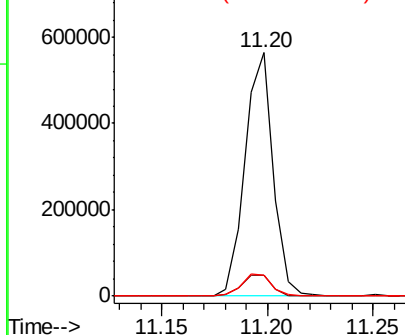


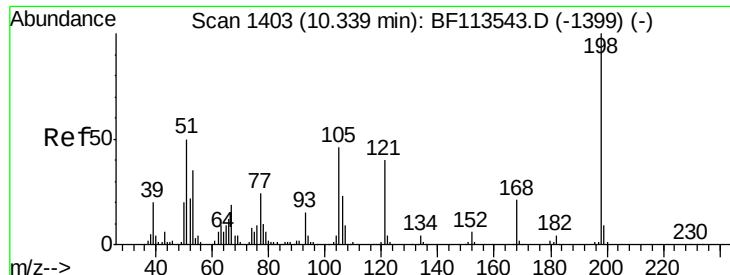
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:	188	Resp:	521081
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.7	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

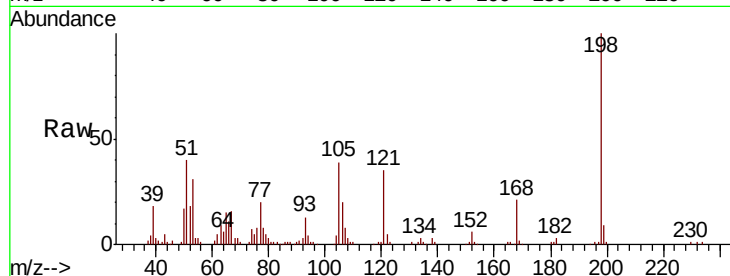




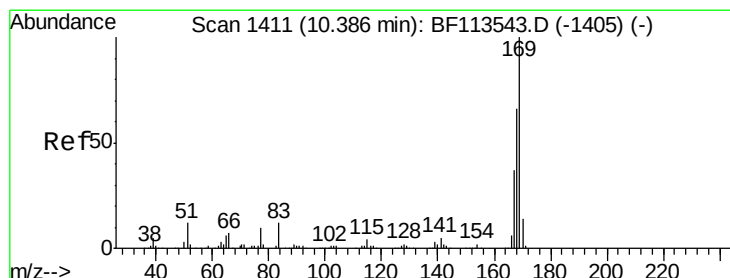
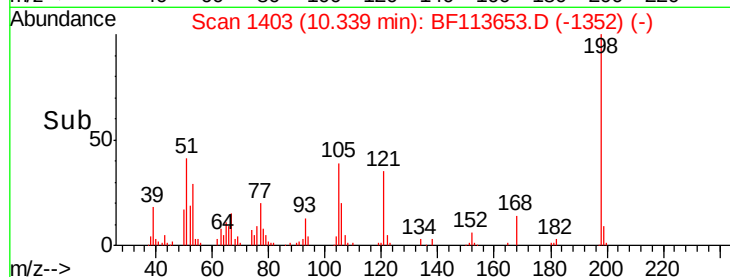
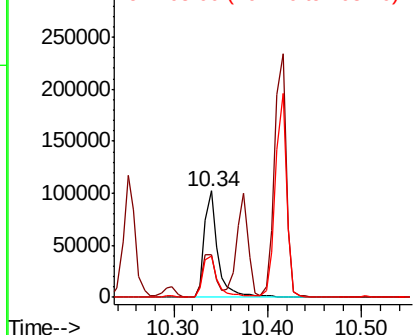
#65
4,6-Dinitro-2-methylphenol
Concen: 38.126 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 104590
Ion Ratio Lower Upper
198 100
51 40.3 21.6 61.6
105 38.8 20.6 60.6

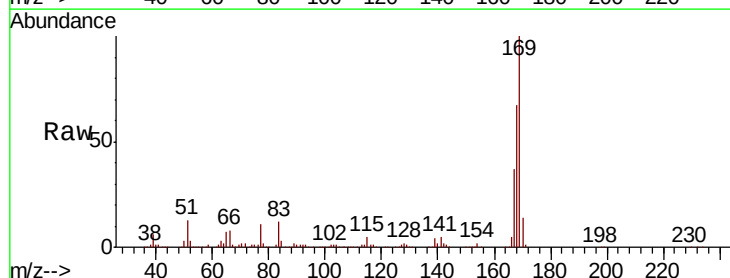


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

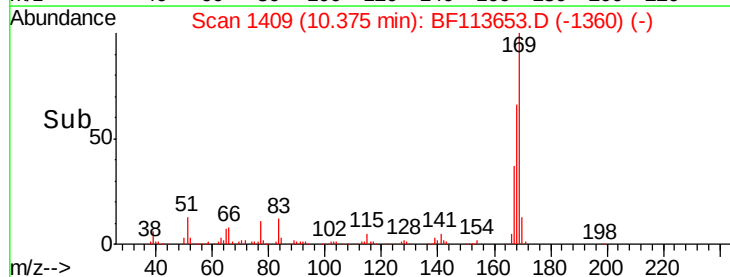
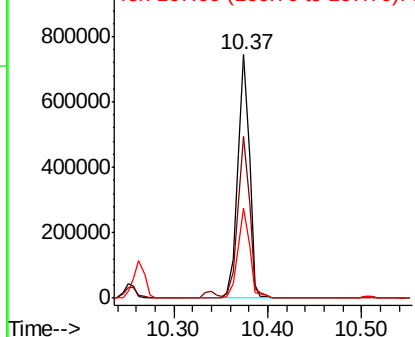


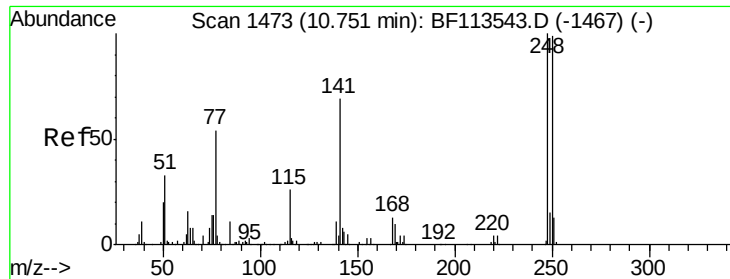
#66
n-Nitrosodiphenylamine
Concen: 39.988 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:169 Resp: 639691
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 37.0 29.5 44.3



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

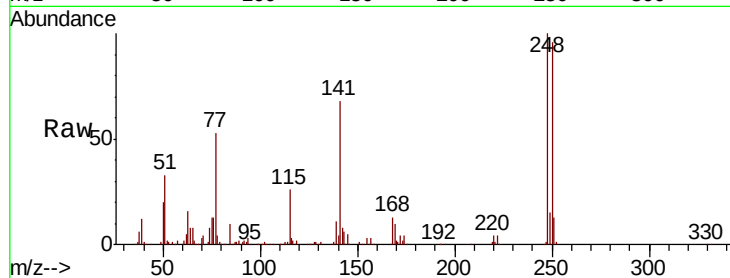




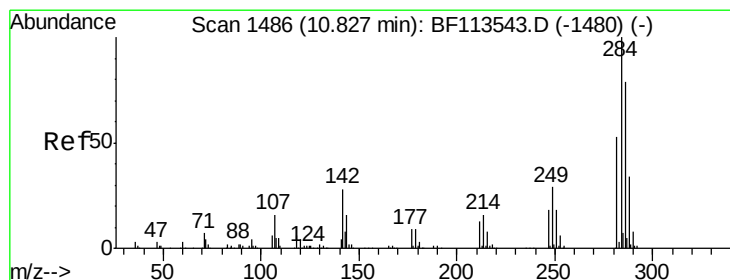
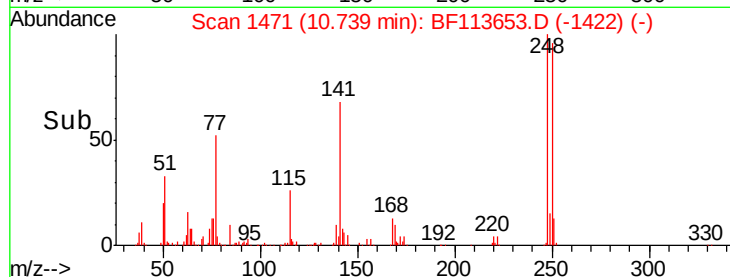
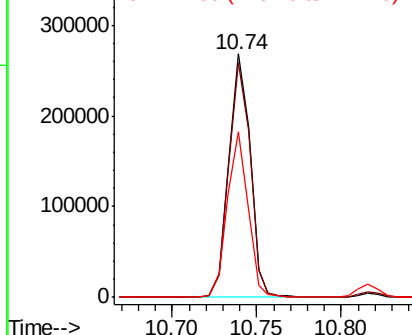
#67
4-Bromophenyl-phenylether
Concen: 40.297 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 235502
Ion Ratio Lower Upper
248 100
250 96.4 78.3 117.5
141 68.0 56.2 84.4

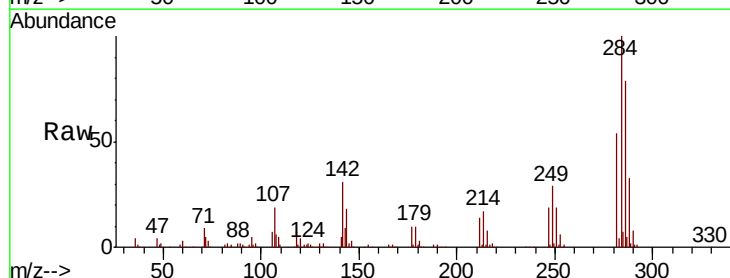


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

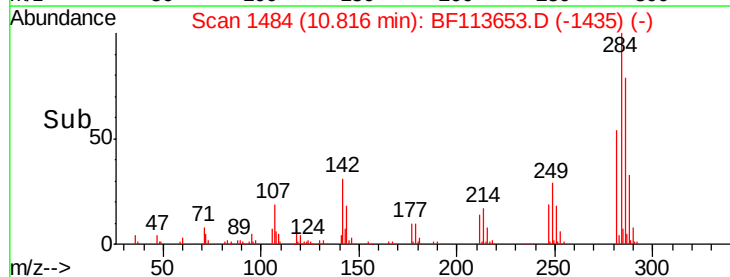
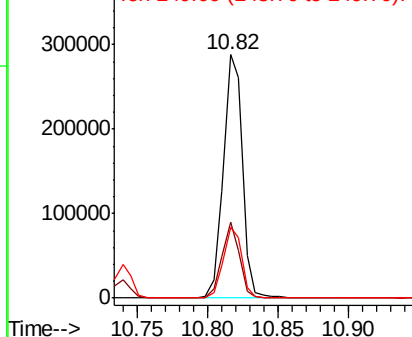


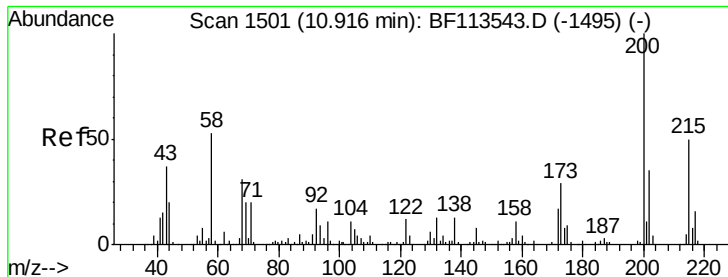
#68
Hexachlorobenzene
Concen: 40.395 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:284 Resp: 270498
Ion Ratio Lower Upper
284 100
142 31.1 20.1 30.1#
249 29.2 22.7 34.1



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

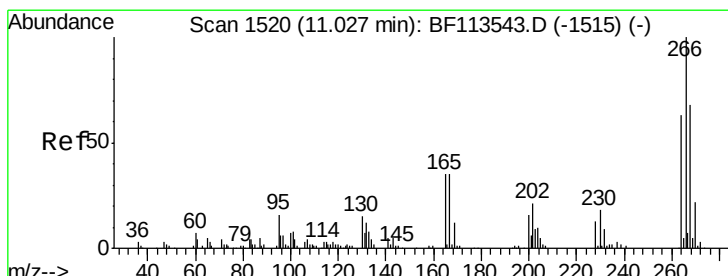
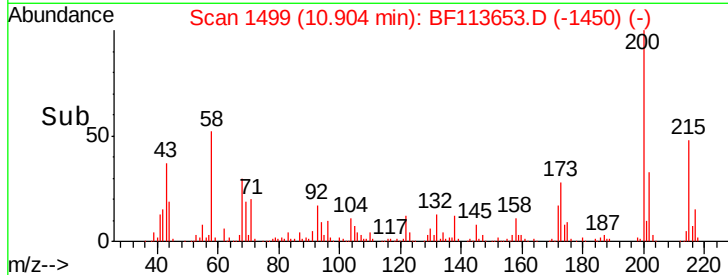
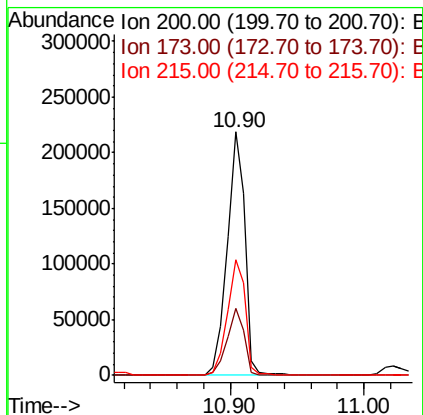
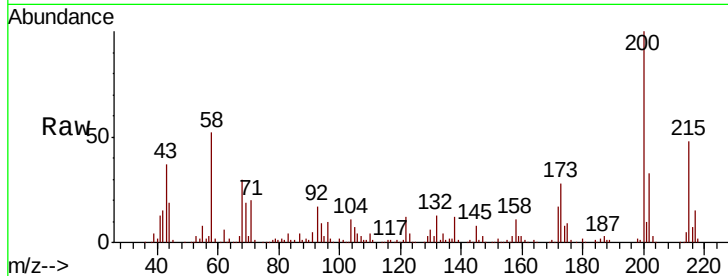




#69
 Atrazine
 Concen: 40.726 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

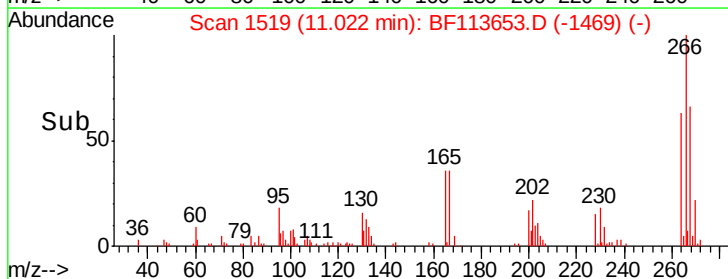
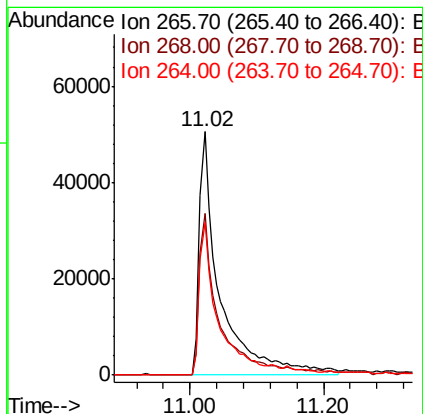
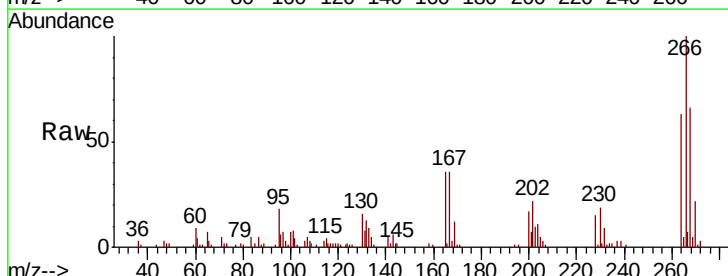
Instrument :
 BNA_F
 ClientSampled :

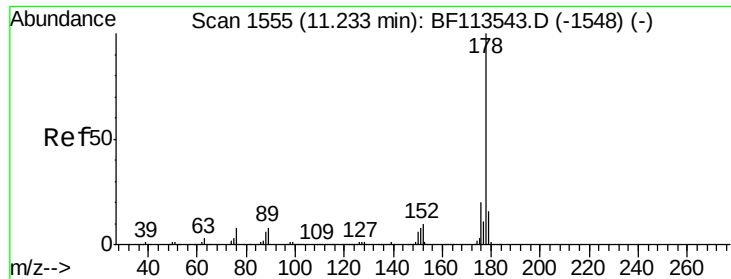
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.0	46.0
215	47.7	31.3	71.3



#70
 Pentachlorophenol
 Concen: 33.788 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	53.8	80.6
264	62.8	49.2	73.8

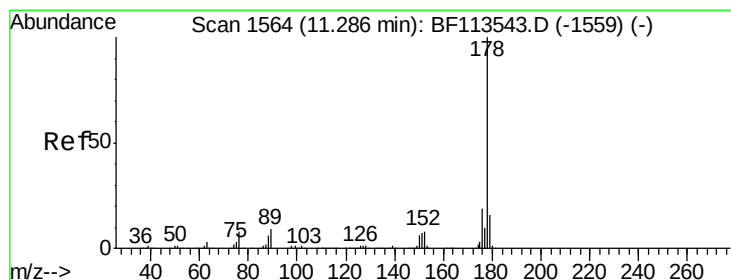
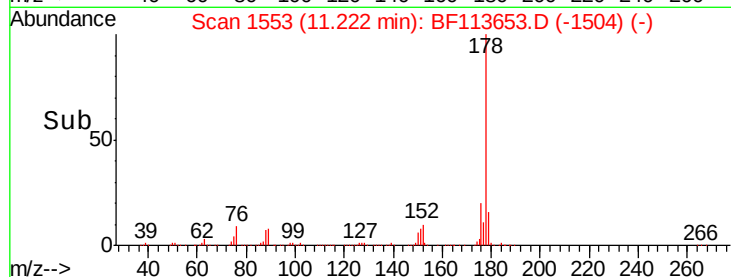
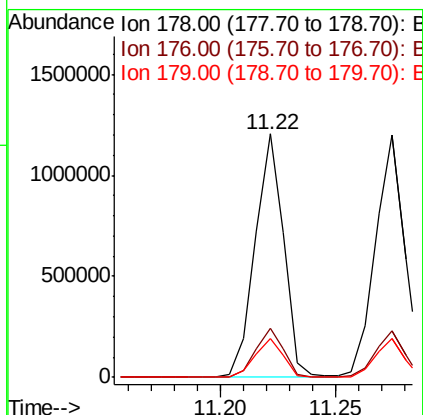
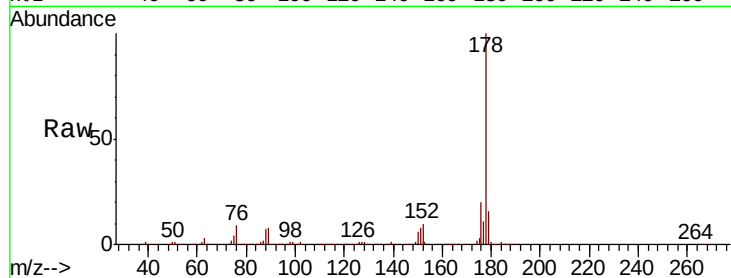




#71
Phenanthrene
Concen: 40.213 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

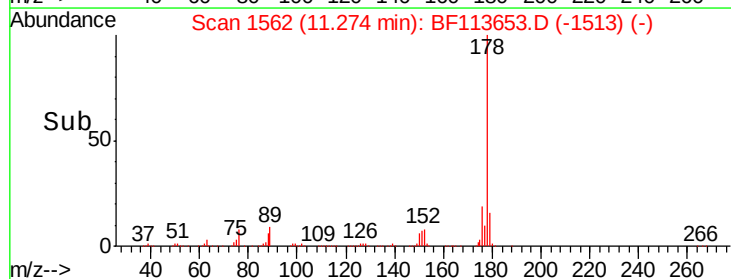
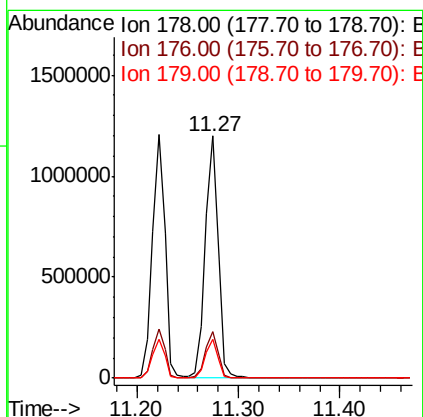
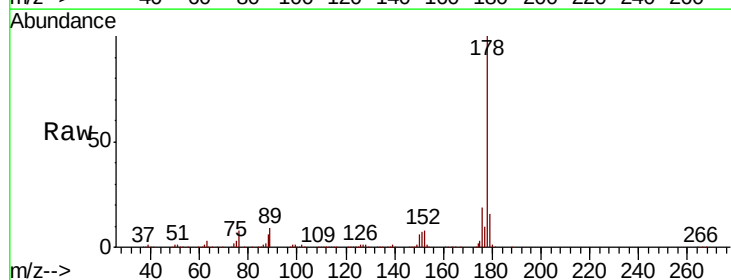
Instrument :
BNA_F
ClientSampleId :

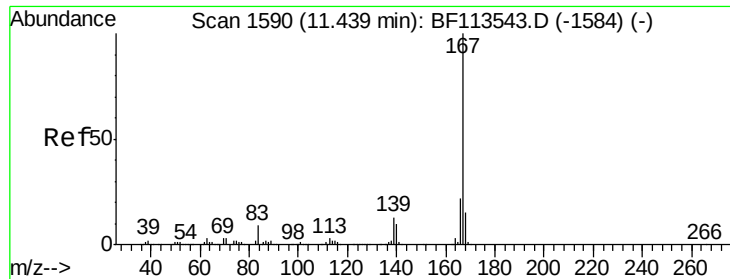
Tot Ion:178 Resp: 1041230
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.7 12.7 19.1



#72
Anthracene
Concen: 40.366 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:178 Resp: 1063395
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.8 19.2



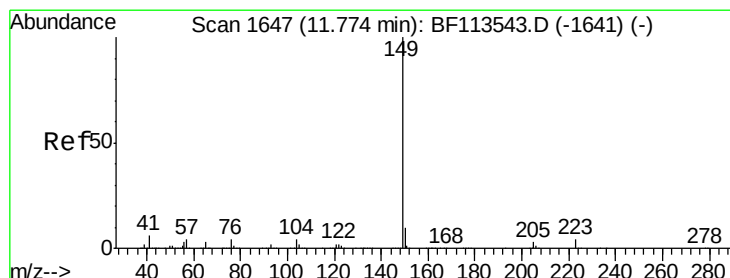
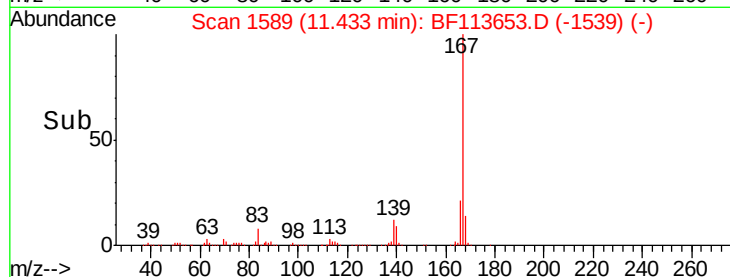
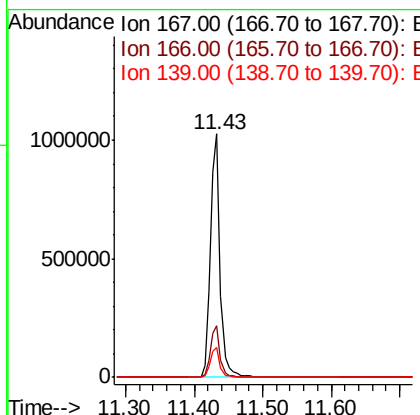
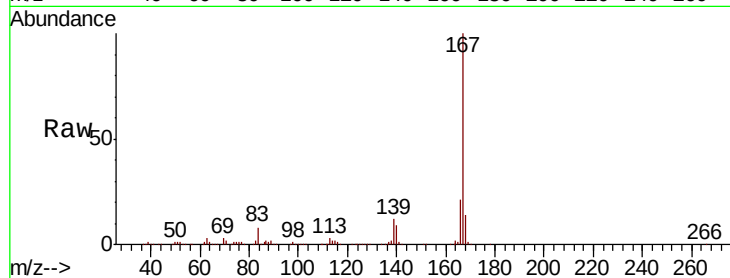


#73
 Carbazole
 Concen: 41.080 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1012170

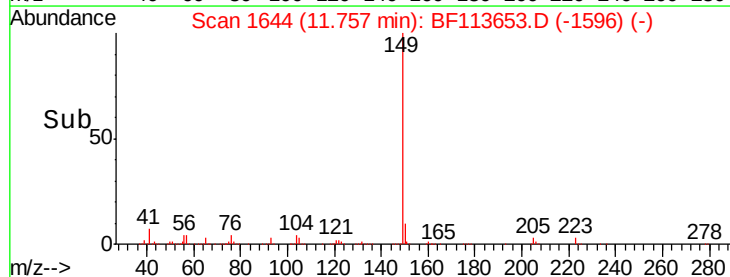
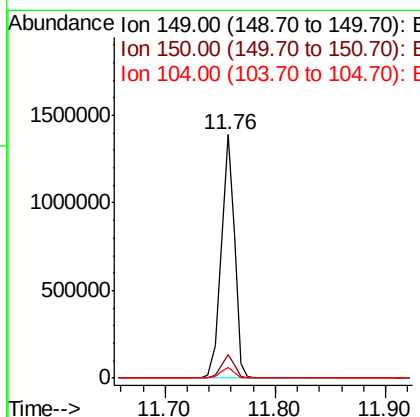
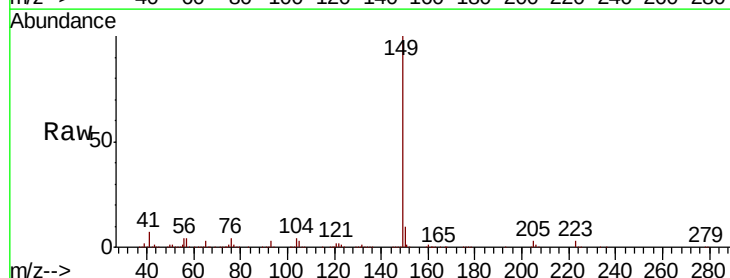
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	12.4	10.4	15.6

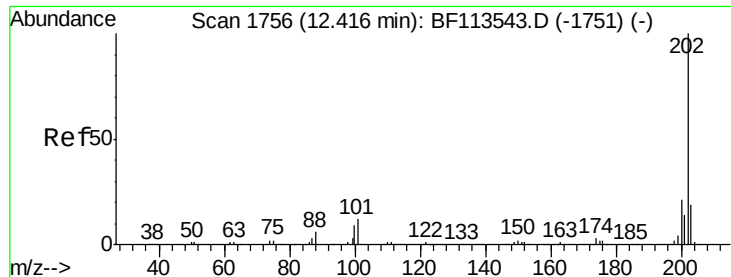


#74
 Di-n-butylphthalate
 Concen: 39.724 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion:149 Resp: 1164328

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.4	3.7	5.5

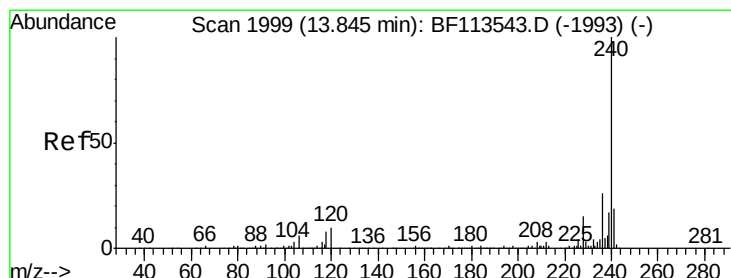
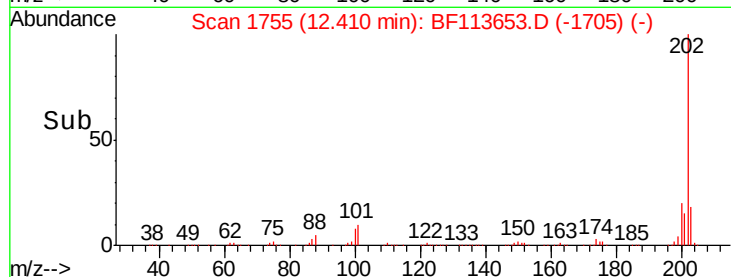
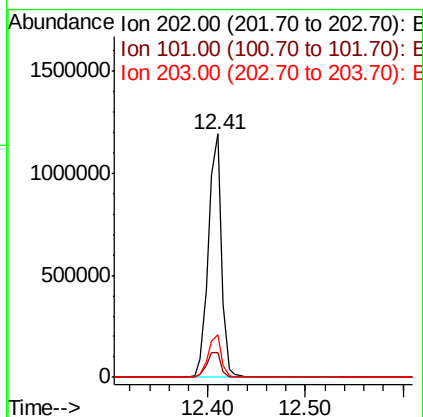
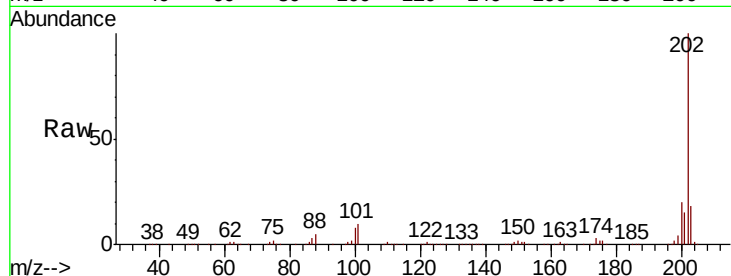




#75
 Fluoranthene
 Concen: 40.281 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

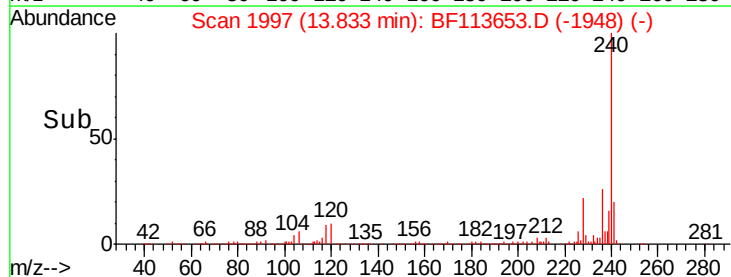
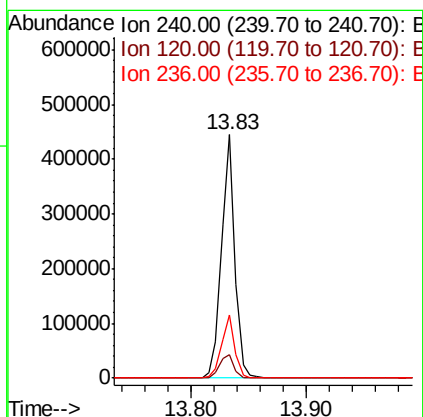
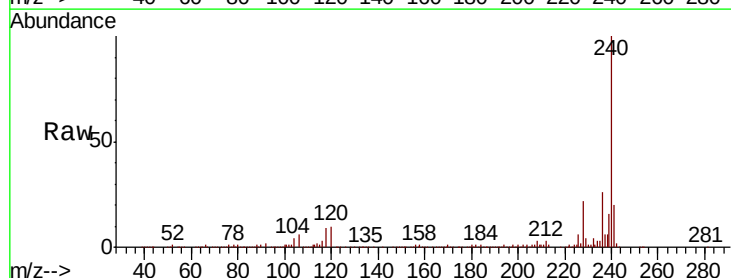
Instrument :
 BNA_F
 ClientSampleId :

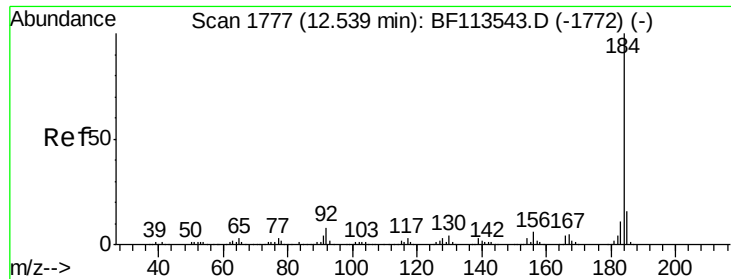
Tot Ion:202 Resp: 1117651
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 31.4
 203 17.7 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion:240 Resp: 357337
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.8 13.2
 236 25.8 20.9 31.3





#77

Benzidine

Concen: 37.550 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

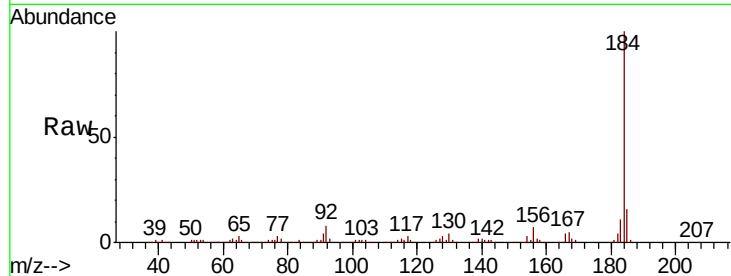
Tot Ion:184 Resp: 498974

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

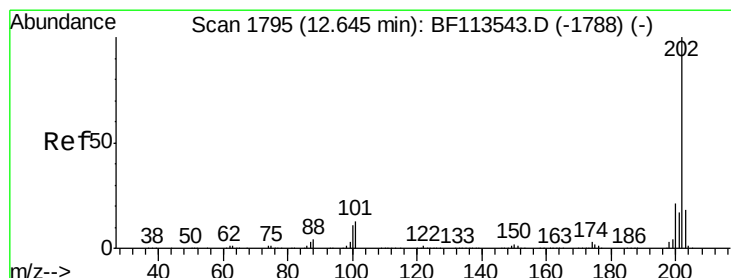
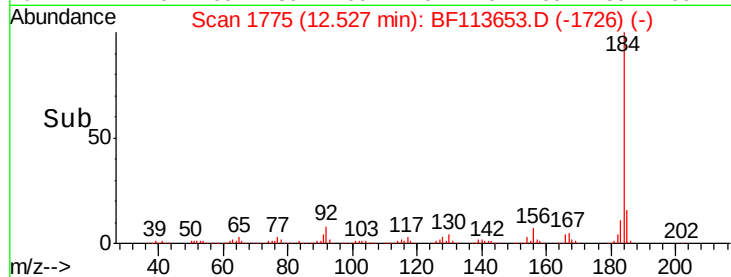
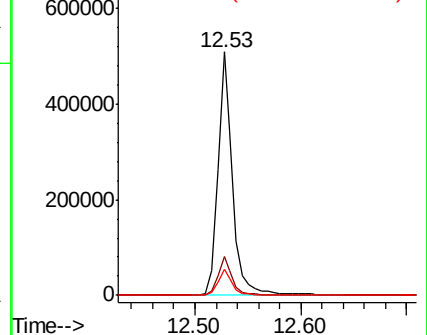
183 10.5 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.423 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

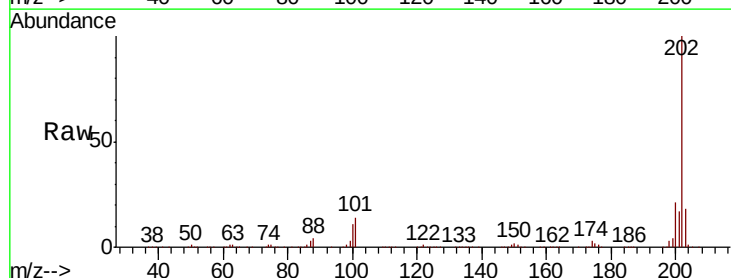
Tgt Ion:202 Resp: 1126258

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

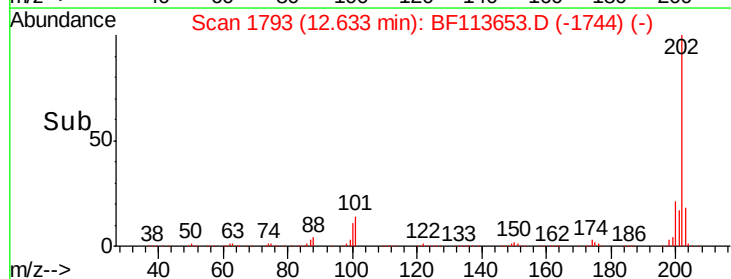
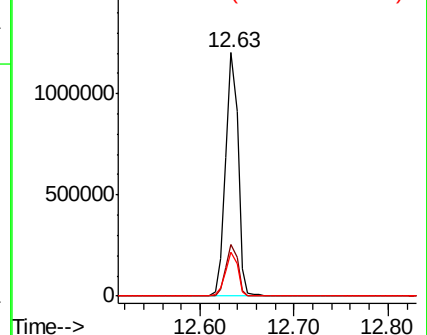
203 18.2 14.4 21.6

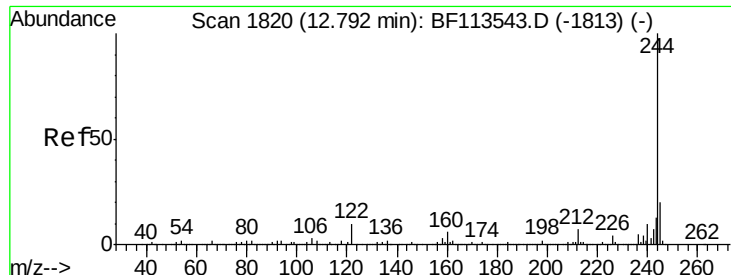


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



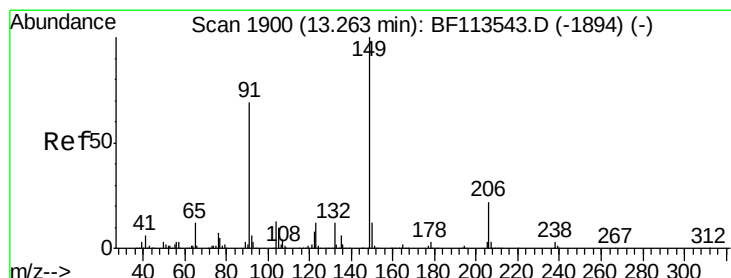
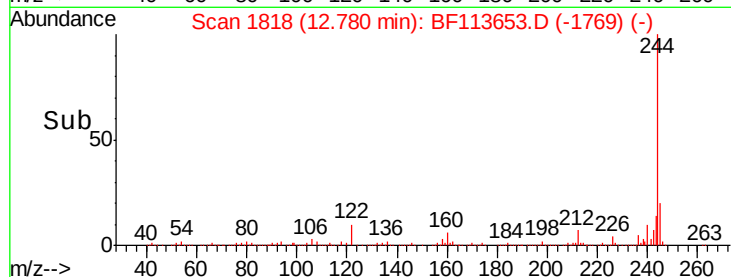
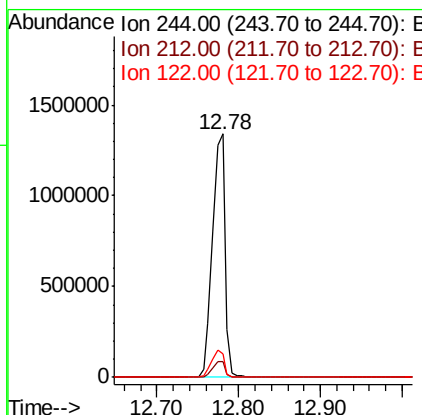
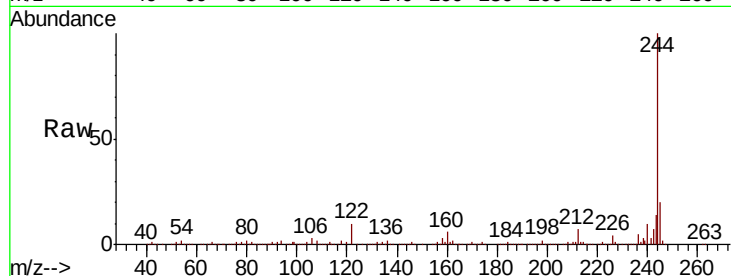


#79
 Terphenyl-d14
 Concen: 82.338 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1445090

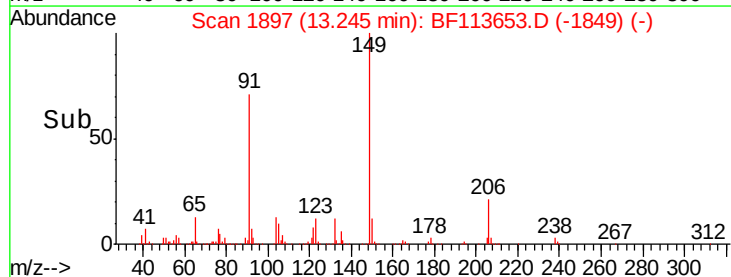
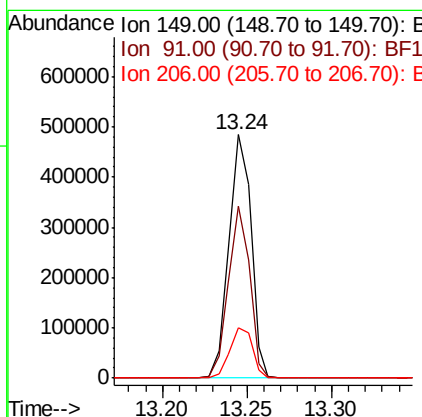
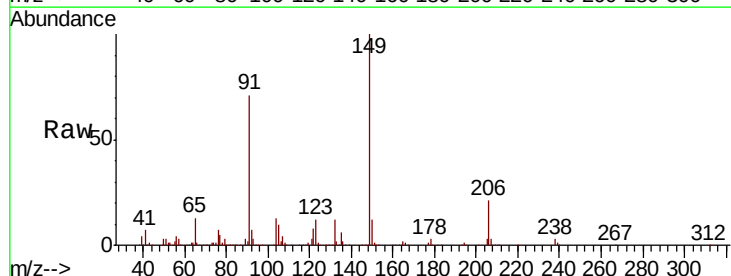
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	9.7	8.6	13.0

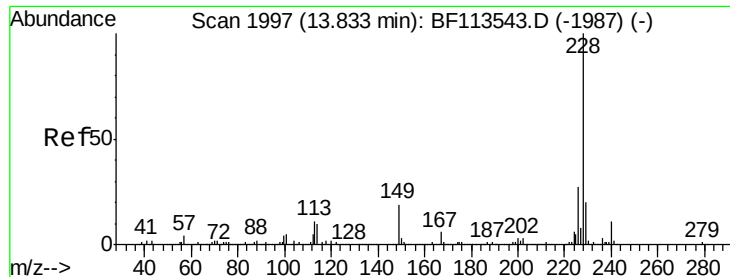


#80
 Butylbenzylphthalate
 Concen: 39.925 ng
 RT: 13.24 min Scan# 1897
 Delta R.T. -0.02 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion:149 Resp: 441874

Ion	Ratio	Lower	Upper
149	100		
91	70.8	55.2	82.8
206	20.7	16.1	24.1





#81

Benzo(a)anthracene

Concen: 40.698 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampled :

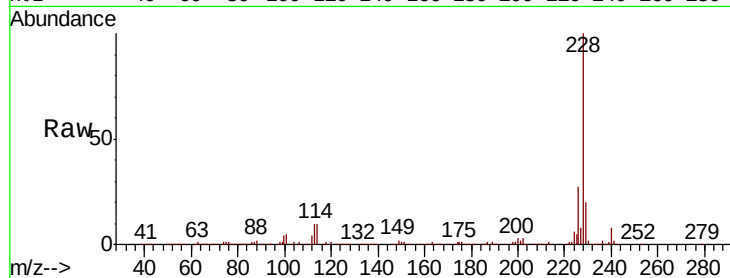
Tot Ion:228 Resp: 838905

Ion Ratio Lower Upper

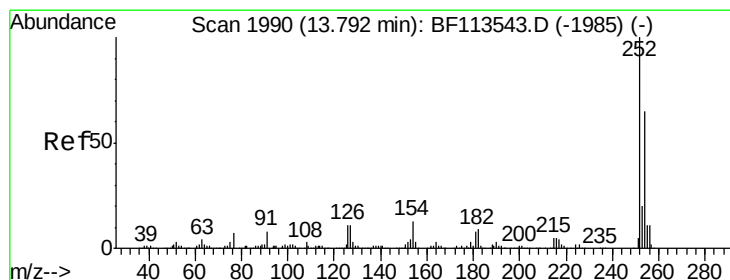
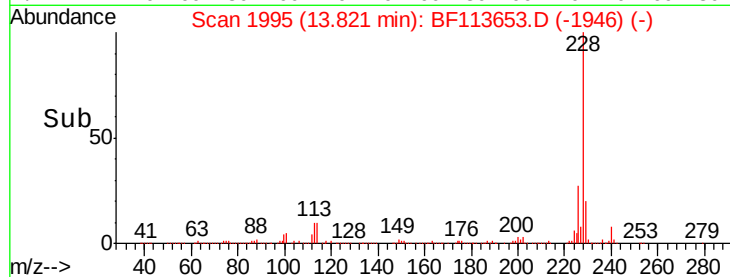
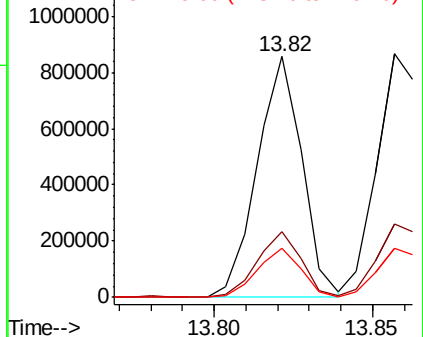
228 100

226 27.4 21.8 32.8

229 20.4 16.2 24.4



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



#82

3,3'-Dichlorobenzidine

Concen: 40.014 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

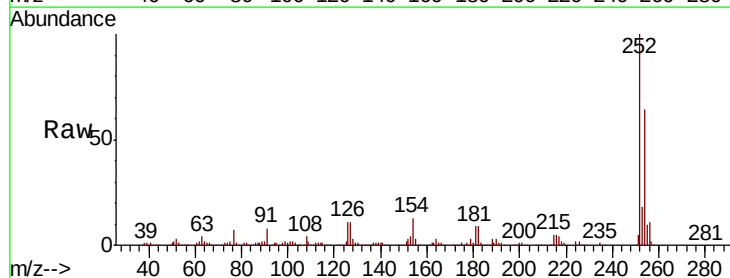
Tgt Ion:252 Resp: 317694

Ion Ratio Lower Upper

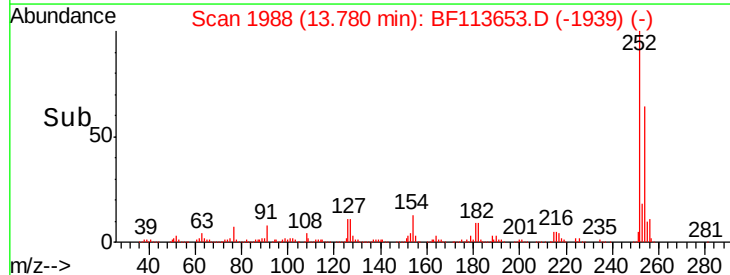
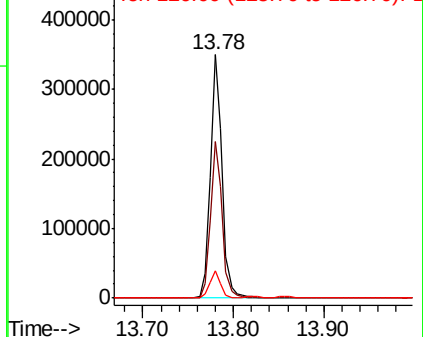
252 100

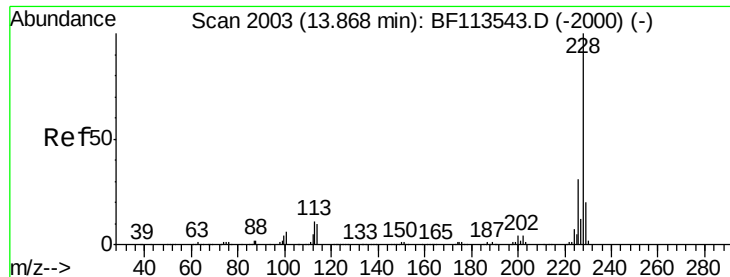
254 64.2 52.2 78.2

126 11.1 8.5 12.7



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

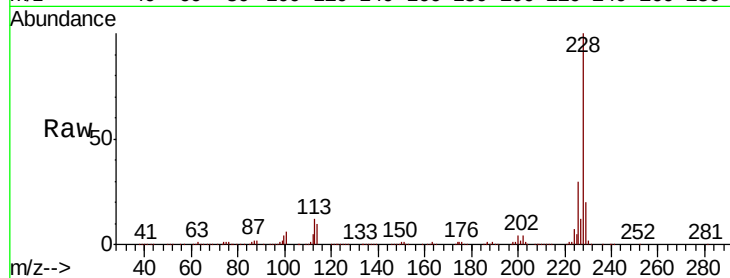




#83
 Chrysene
 Concen: 39.973 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.1	16.3	24.5

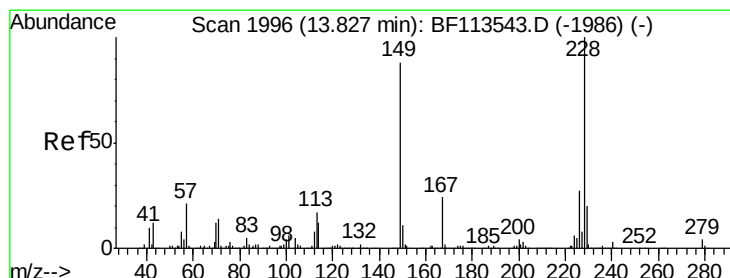
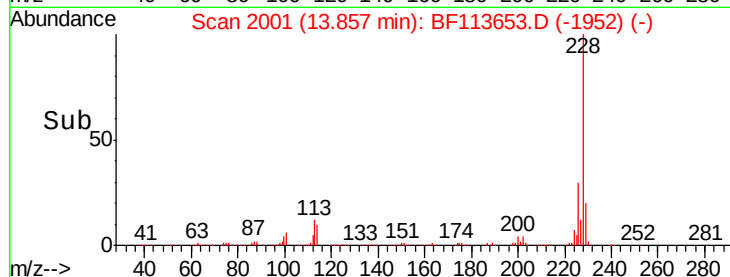
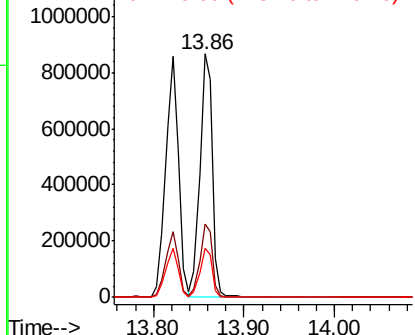


Abundance

Ion 228.00 (227.70 to 228.70): E

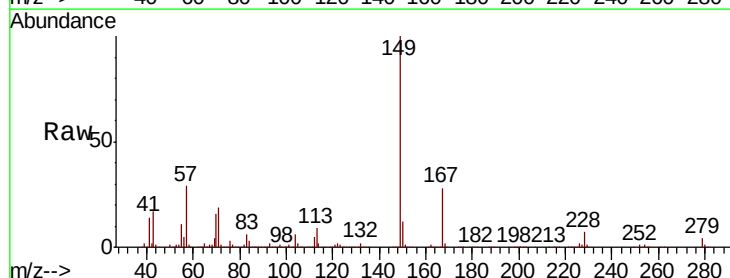
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.142 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BF113653.D
 Acq: 9 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	3.8	2.9	4.3

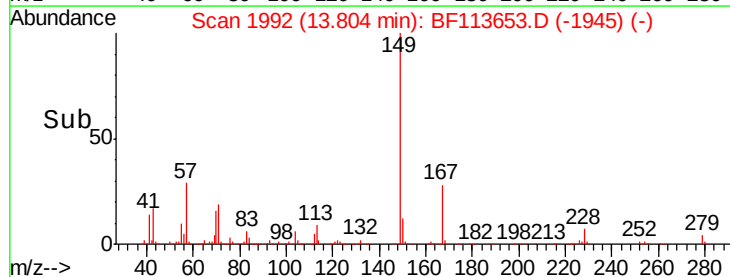
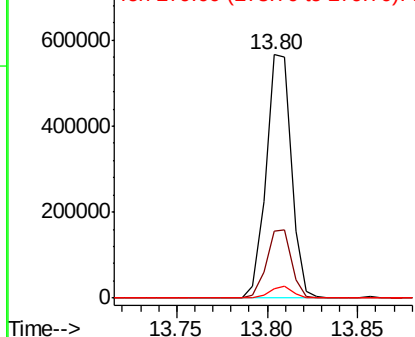


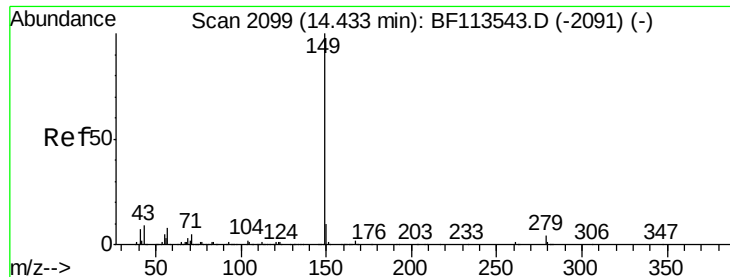
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.374 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

Instrument :

BNA_F

ClientSampleId :

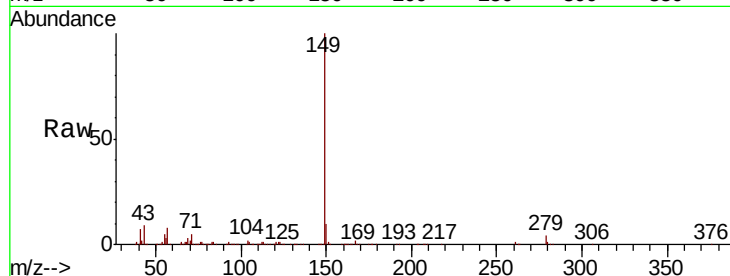
Tot Ion:149 Resp: 834688

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

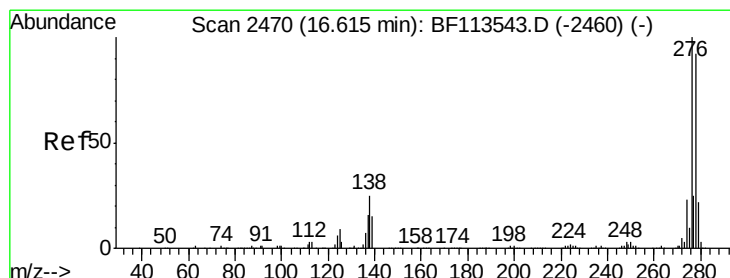
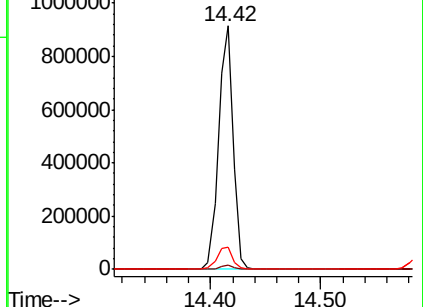
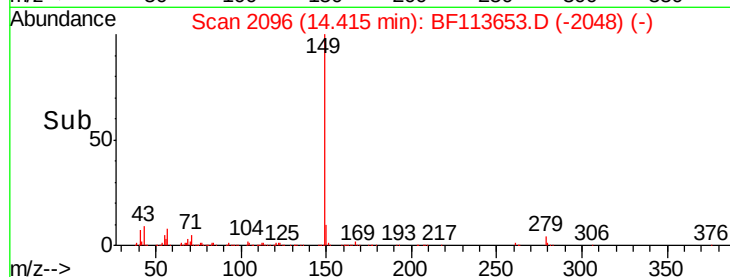
43 9.5 7.7 11.5



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: 41.943 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF113653.D

Acq: 9 Apr 2019 10:19

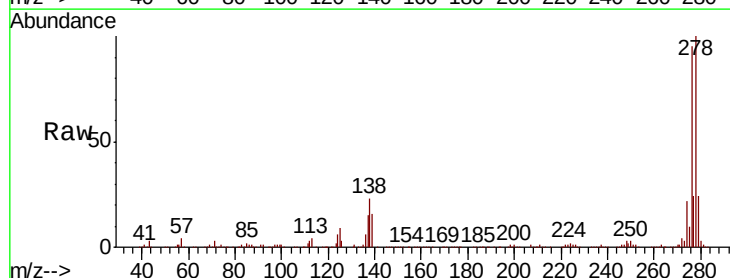
Tgt Ion:276 Resp: 809191

Ion Ratio Lower Upper

276 100

138 23.1 18.1 27.1

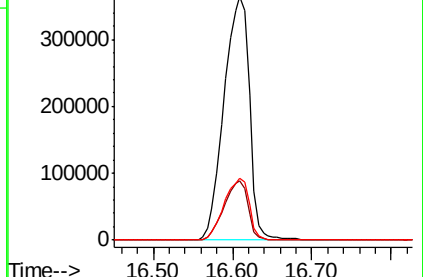
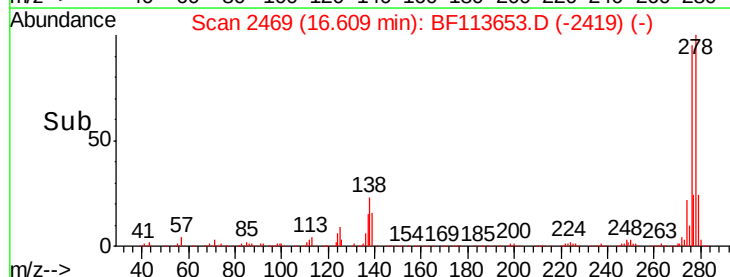
277 25.1 20.2 30.4

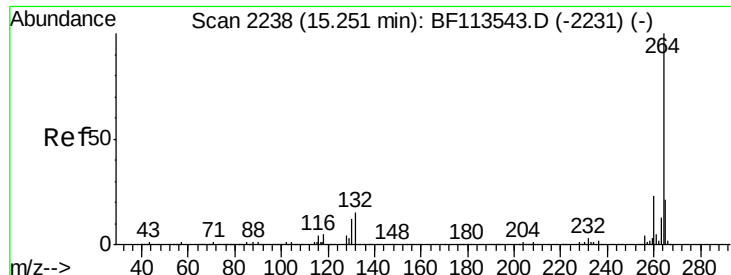


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

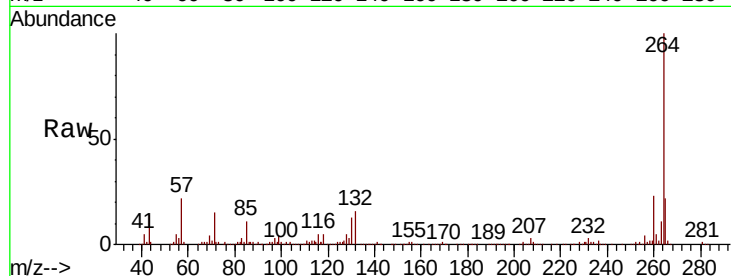




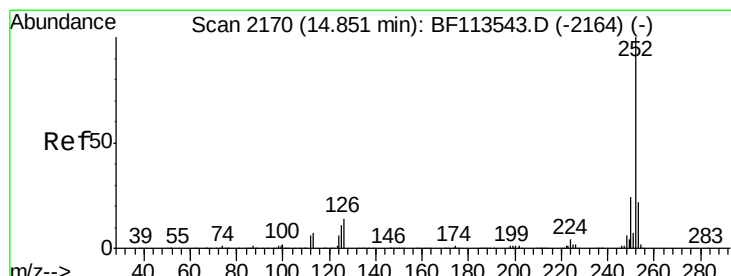
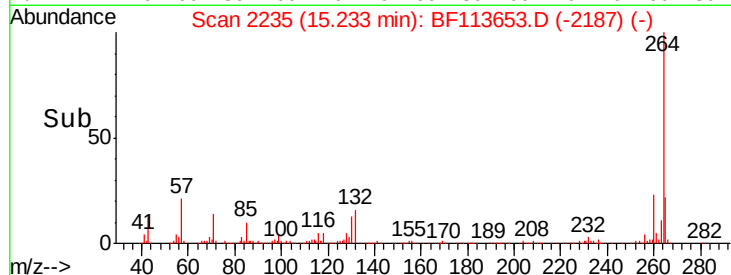
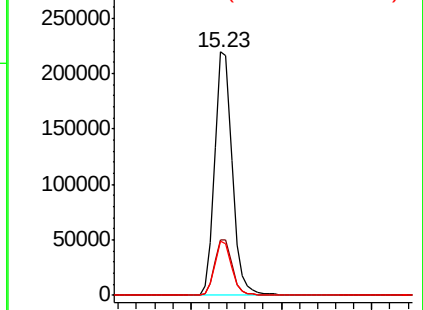
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	22.1	17.1	25.7

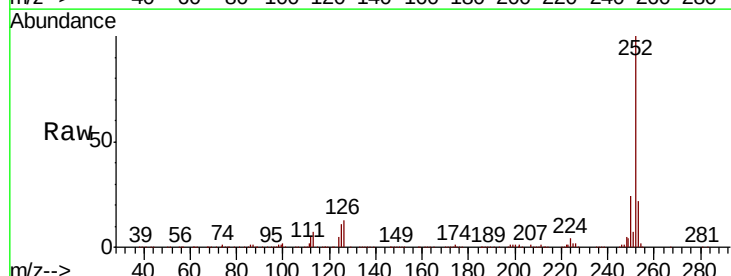


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

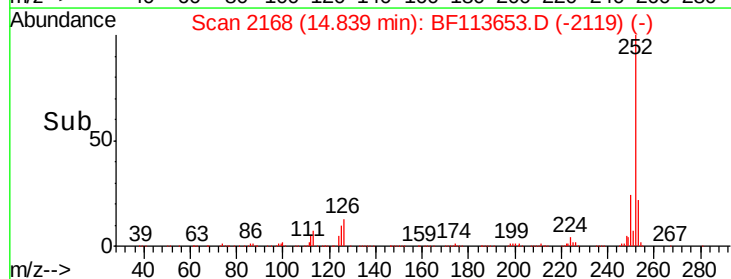
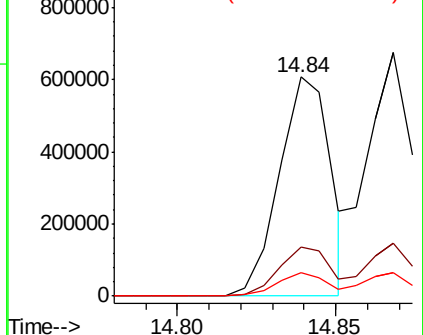


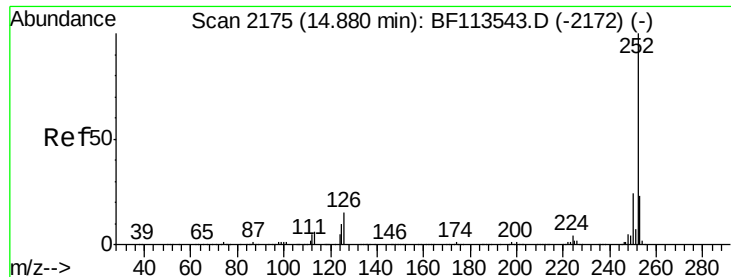
#88
Benzo(b)fluoranthene
Concen: 37.909 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.5	7.6	11.4



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

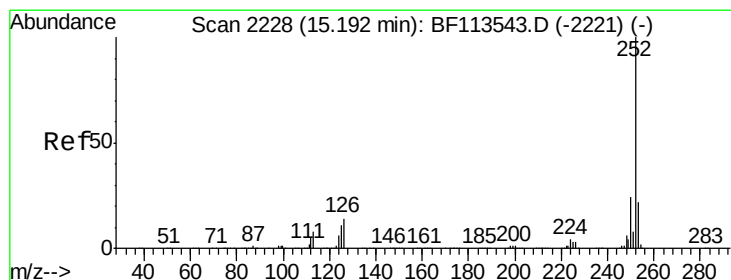
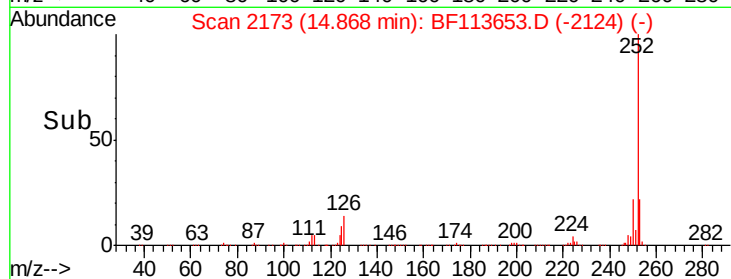
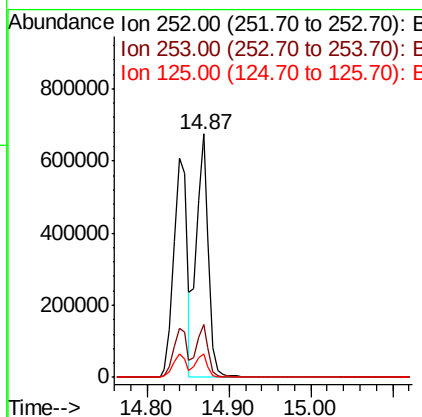
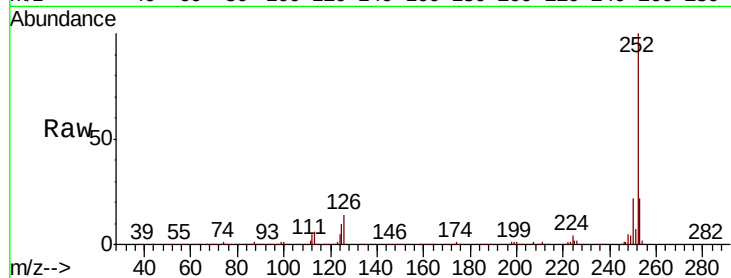




#89
Benzo(k)fluoranthene
Concen: 42.256 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

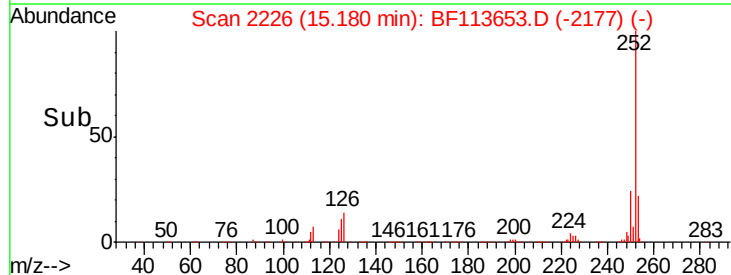
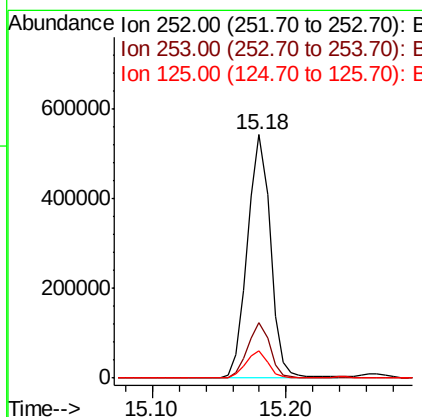
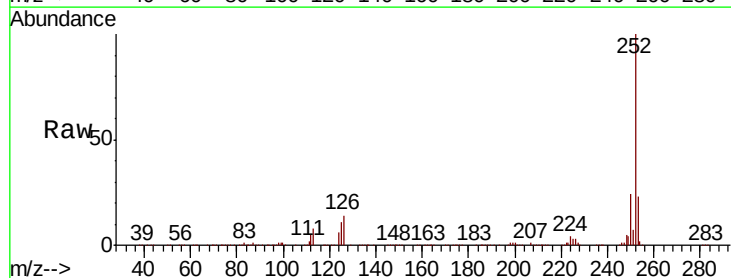
Instrument :
BNA_F
ClientSampleId :

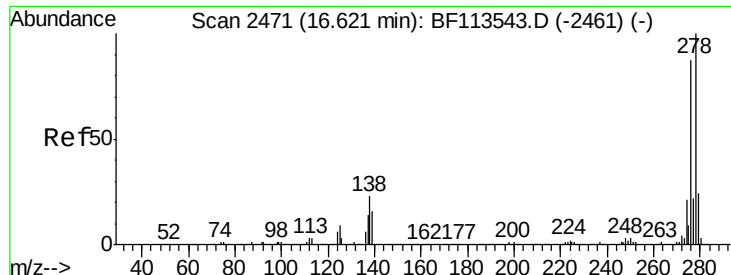
Tot Ion:252 Resp: 684870
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.170 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:252 Resp: 644624
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.3 8.8 13.2



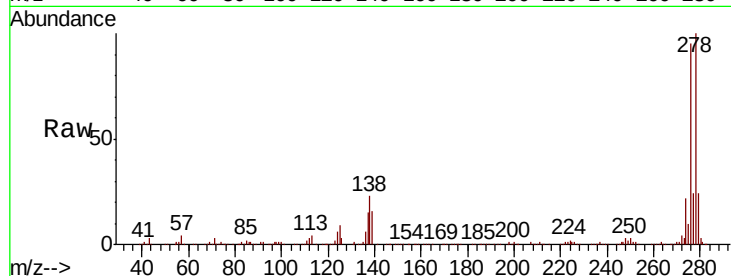


#91
Dibenzo(a,h)anthracene
Concen: 44.169 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

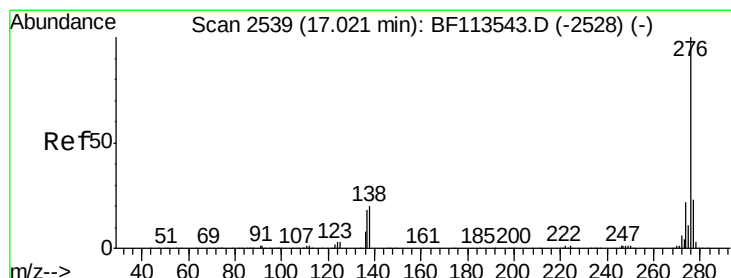
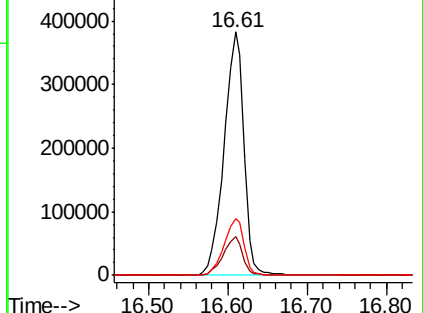
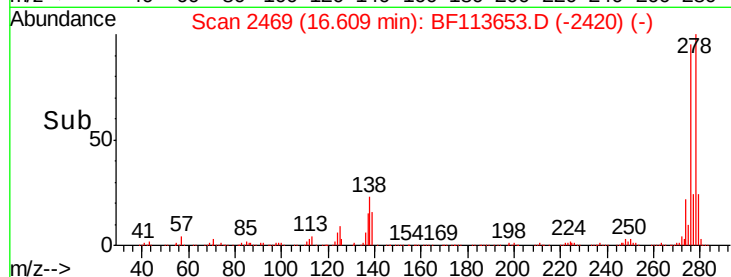
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 662834

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	23.5	19.0	28.6



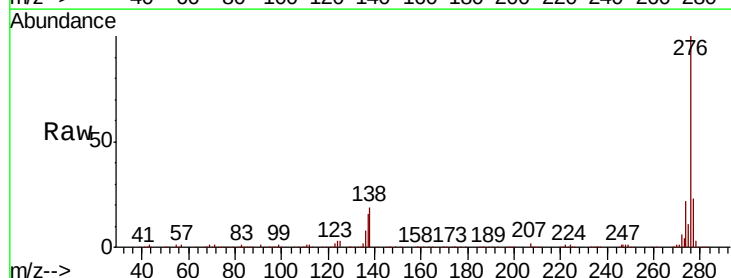
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.906 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF113653.D
Acq: 9 Apr 2019 10:19

Tgt Ion:276 Resp: 703159

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	19.4	15.6	23.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

