

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113812.D
 Acq On : 18 Apr 2019 9:33
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	185915	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	722834	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	370993	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	707804	20.00	ng	0.00
76) Chrysene-d12	14.04	240	531849	20.00	ng	0.00
87) Perylene-d12	15.51	264	402551	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1099928	100.89	ng	0.00
7) Phenol-d6	6.52	99	1360911	101.28	ng	0.00
23) Nitrobenzene-d5	7.46	82	1214791	98.44	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	411593	92.36	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2198306	95.39	ng	0.00
79) Terphenyl-d14	13.00	244	2517537	96.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	274293	53.119	ng	99
3) Pyridine	3.46	79	757664	56.067	ng	98
4) n-Nitrosodimethylamine	3.41	42	265177	46.185	ng	100
6) Aniline	6.56	93	972799	59.725	ng	99
8) 2-Chlorophenol	6.68	128	622612	49.358	ng	97
9) Benzaldehyde	6.45	77	368257	46.090	ng	95
10) Phenol	6.53	94	777775	50.679	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	627585	52.569	ng	99
12) 1,3-Dichlorobenzene	6.84	146	685810	50.485	ng	98
13) 1,4-Dichlorobenzene	6.92	146	687295	50.067	ng	99
14) 1,2-Dichlorobenzene	7.07	146	636174	51.342	ng	99
15) Benzyl Alcohol	7.03	79	562140	61.870	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	762147	41.015	ng	98
17) 2-Methylphenol	7.14	107	503177	51.473	ng	99
18) Hexachloroethane	7.42	117	249384	49.910	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	452321	54.587	ng	97
20) 3+4-Methylphenols	7.29	107	605295	51.103	ng	97
22) Acetophenone	7.30	105	810935	51.080	ng	# 97
24) Nitrobenzene	7.47	77	676290	53.216	ng	99
25) Isophorone	7.72	82	1212220	50.994	ng	99
26) 2-Nitrophenol	7.79	139	279794	40.907	ng	97
27) 2,4-Dimethylphenol	7.83	122	504921	51.638	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	779035	51.835	ng	99
29) 2,4-Dichlorophenol	8.03	162	541373	51.747	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	597451	52.587	ng	97
31) Naphthalene	8.20	128	1693019	48.340	ng	99
32) Benzoic acid	7.95	122	250295	33.057	ng	97
33) 4-Chloroaniline	8.25	127	719429	51.805	ng	97
34) Hexachlorobutadiene	8.32	225	365743	52.803	ng	98
35) Caprolactam	8.62	113	173565	52.263	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	532009	50.657	ng	98
37) 2-Methylnaphthalene	8.89	142	1126509	48.905	ng	99
38) 1-Methylnaphthalene	8.99	142	1091812	49.156	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	584336	48.702	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113812.D
 Acq On : 18 Apr 2019 9:33
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	326531	91.613	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	381916	50.427	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	407189	50.079	ng	99
46) 1,1'-Biphenyl	9.36	154	1377106	44.983	ng	98
47) 2-Chloronaphthalene	9.38	162	1134166	48.931	ng	99
48) 2-Nitroaniline	9.47	65	310300	43.750	ng	89
49) Acenaphthylene	9.79	152	1753452	46.521	ng	99
50) Dimethylphthalate	9.66	163	1276594	46.681	ng	99
51) 2,6-Dinitrotoluene	9.71	165	292983	48.603	ng	95
52) Acenaphthene	9.97	154	1032964	47.876	ng	99
53) 3-Nitroaniline	9.87	138	313248	45.706	ng	98
54) 2,4-Dinitrophenol	9.97	184	92694	32.868	ng	# 38
55) Dibenzofuran	10.14	168	1549585	48.961	ng	99
56) 4-Nitrophenol	10.02	139	253196	59.555	ng	91
57) 2,4-Dinitrotoluene	10.11	165	368586	50.557	ng	93
58) Fluorene	10.48	166	1142302	45.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	350671	49.825	ng	99
60) Diethylphthalate	10.35	149	1230252	46.660	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	591147	48.012	ng	99
62) 4-Nitroaniline	10.49	138	293852	42.164	ng	99
63) Azobenzene	10.63	77	1256296	50.322	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	143069	38.395	ng	86
66) n-Nitrosodiphenylamine	10.59	169	1059214	48.746	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	409749	51.617	ng	97
68) Hexachlorobenzene	11.03	284	455234	50.048	ng	97
69) Atrazine	11.11	200	331551	48.409	ng	98
70) Pentachlorophenol	11.22	266	264429	61.695	ng	98
71) Phenanthrene	11.44	178	1776124	50.499	ng	99
72) Anthracene	11.49	178	1775031	49.604	ng	99
73) Carbazole	11.64	167	1610065	48.107	ng	99
74) Di-n-butylphthalate	11.97	149	1825036	45.840	ng	99
75) Fluoranthene	12.62	202	1857606	49.288	ng	98
77) Benzidine	12.73	184	725834	36.700	ng	98
78) Pyrene	12.85	202	1881820	46.502	ng	99
80) Butylbenzylphthalate	13.47	149	706343	42.879	ng	100
81) Benzo(a)anthracene	14.04	228	1526861	49.767	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	550020	46.545	ng	# 99
83) Chrysene	14.07	228	1544517	49.662	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	825318	41.439	ng	99
85) Di-n-octyl phthalate	14.64	149	1276552	39.431	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1249854	43.526	ng	100
88) Benzo(b)fluoranthene	15.09	252	1264556	51.319	ng	99
89) Benzo(k)fluoranthene	15.12	252	1159832	52.446	ng	100
90) Benzo(a)pyrene	15.45	252	1113203	50.840	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1029031	50.255	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1060247	50.730	ng	99

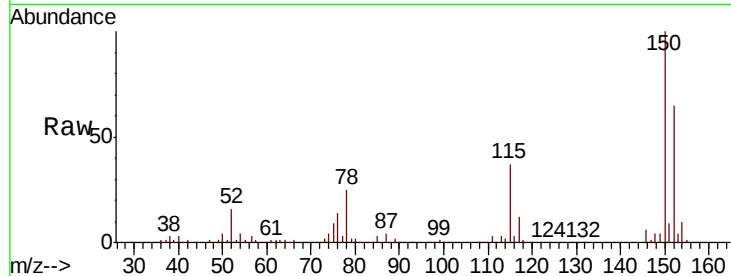
(#) = qualifier out of range (m) = manual integration (+) = signals summed



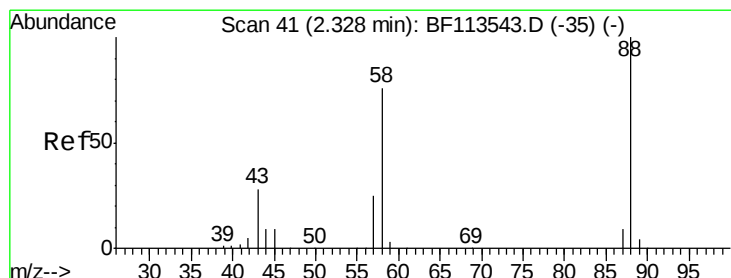
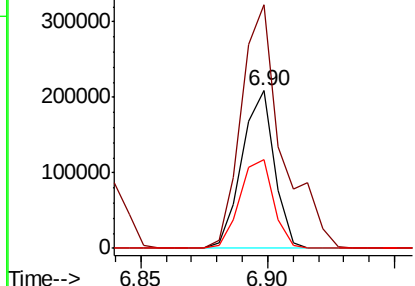
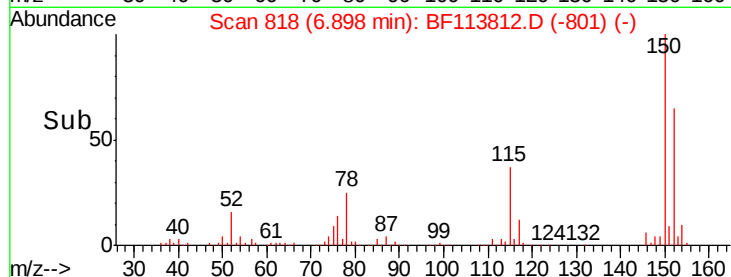
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 185915
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.9 188.9
 115 56.8 45.9 68.9

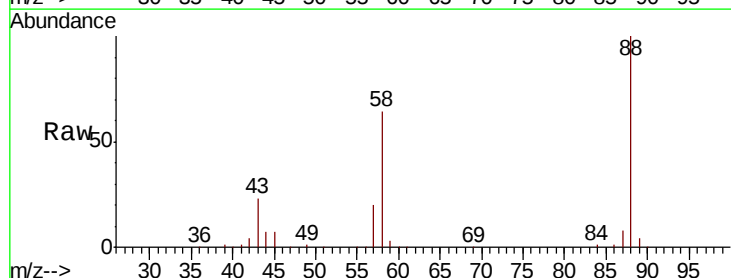


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

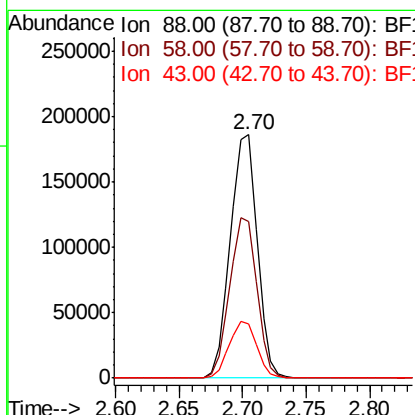
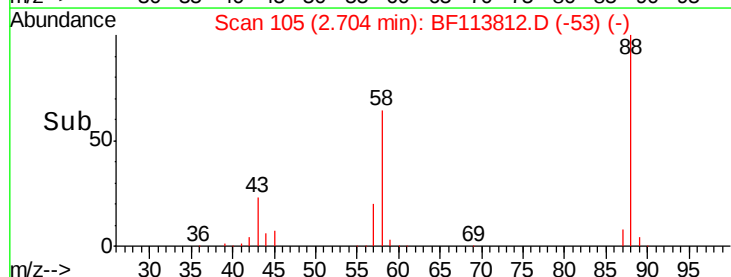


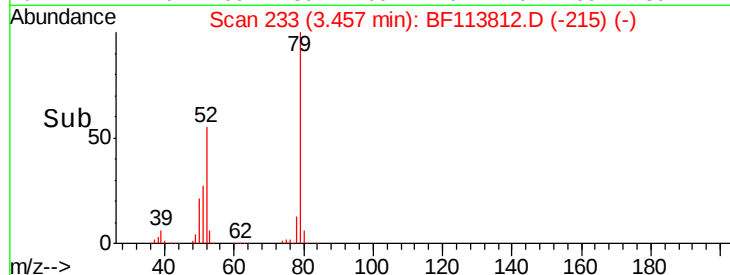
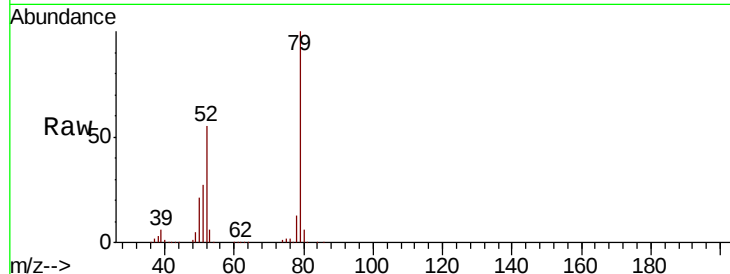
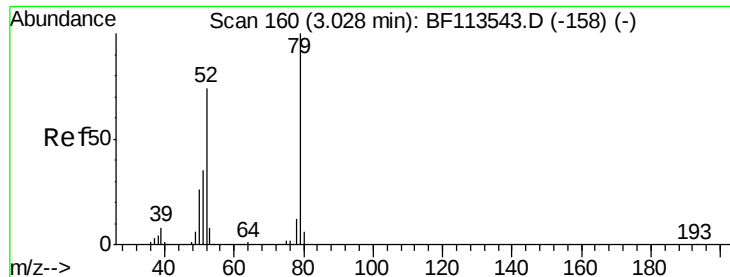
#2
 1,4-Dioxane
 Concen: 53.119 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion: 88 Resp: 274293
 Ion Ratio Lower Upper
 88 100
 58 66.0 53.3 79.9
 43 23.7 19.0 28.4



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

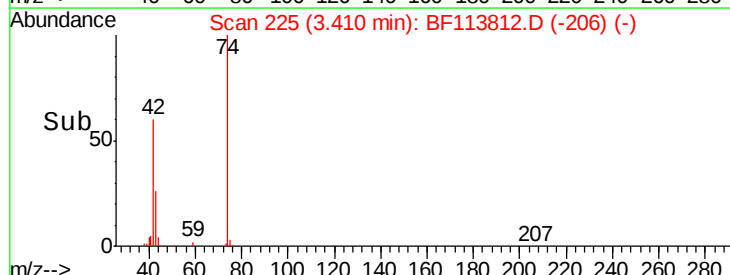
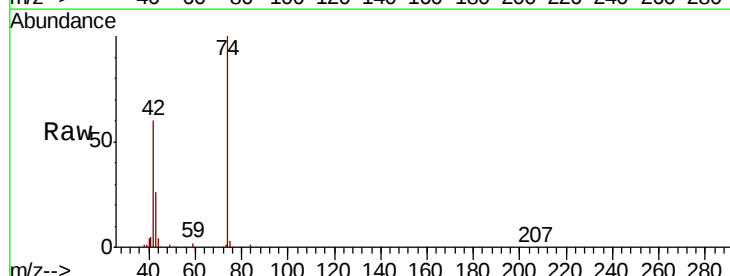
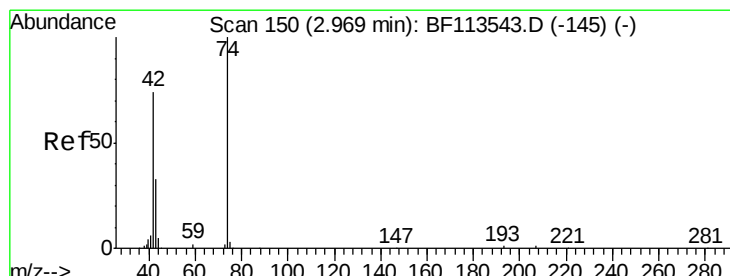
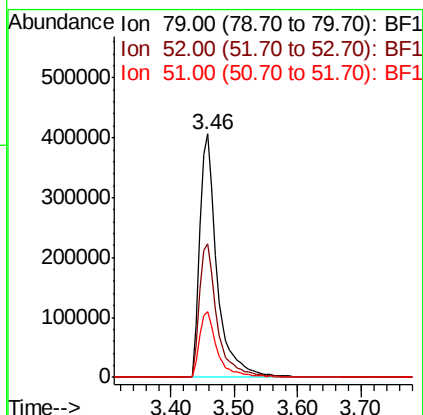




#3
 Pvridine
 Concen: 56.067 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

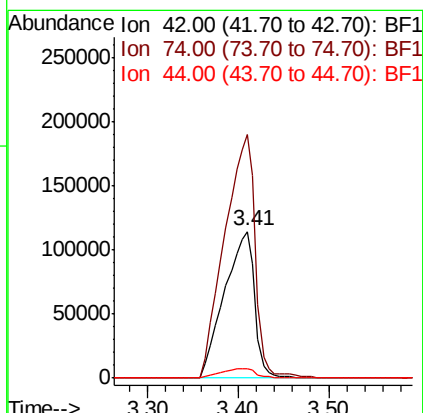
Tot Ion	Ratio	Lower	Upper
79	100		
52	54.9	45.3	67.9
51	27.2	22.1	33.1

Instrument :
 BNA_F
 ClientSampleId :



#4
 n-Nitrosodimethylamine
 Concen: 46.185 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.9	132.6	198.8
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 100.886 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampled :

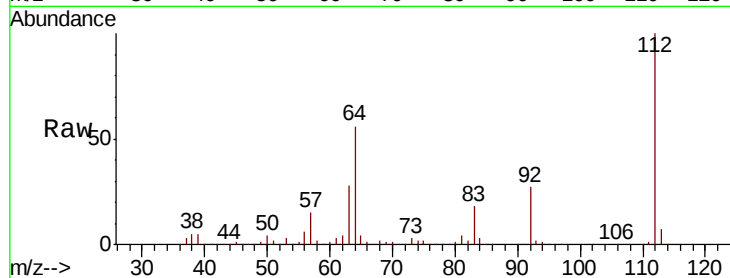
Tot Ion:112 Resp: 1099928

Ion Ratio Lower Upper

112 100

64 55.6 46.6 69.8

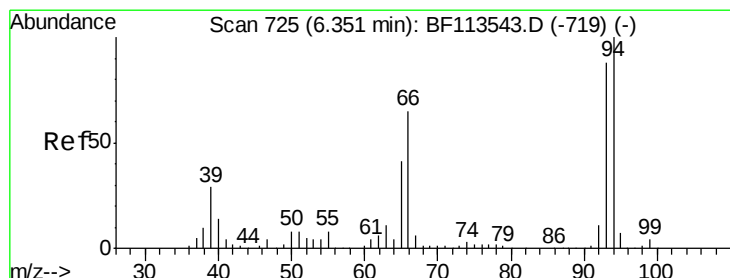
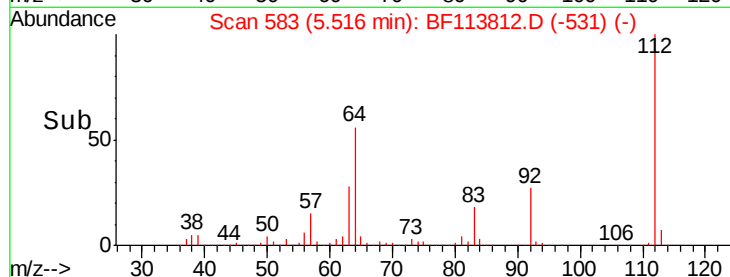
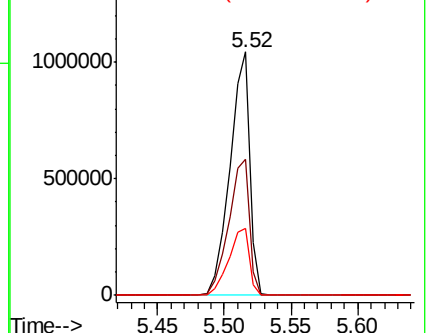
63 27.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 59.725 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

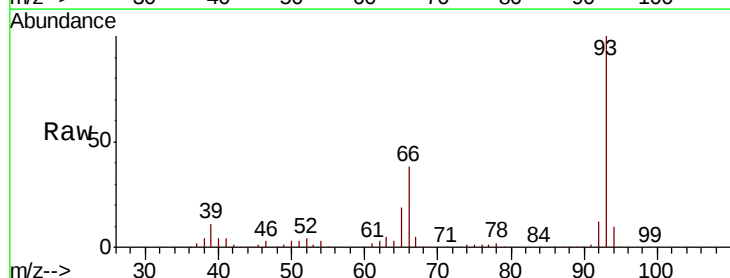
Tgt Ion: 93 Resp: 972799

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.6

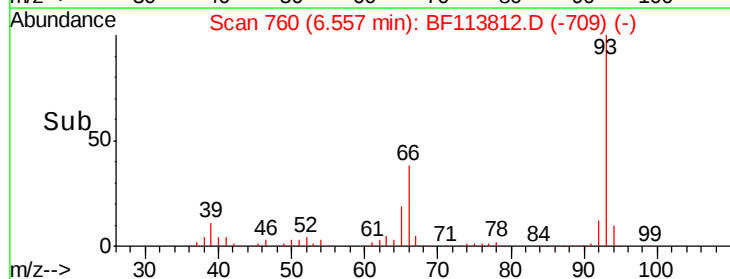
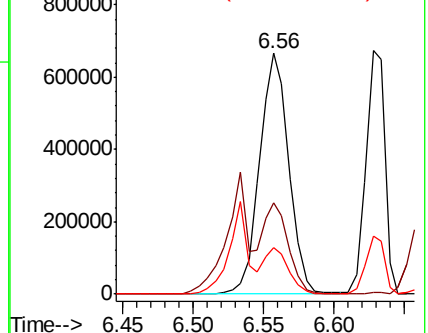
65 19.1 14.9 22.3

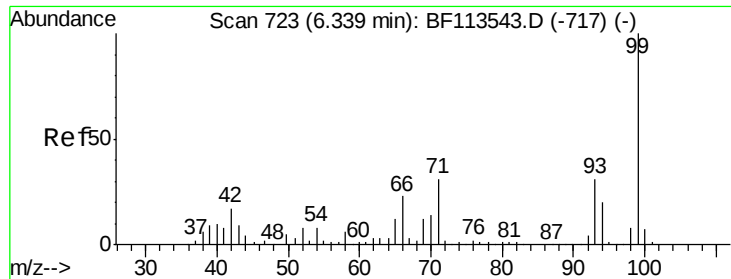


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.277 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

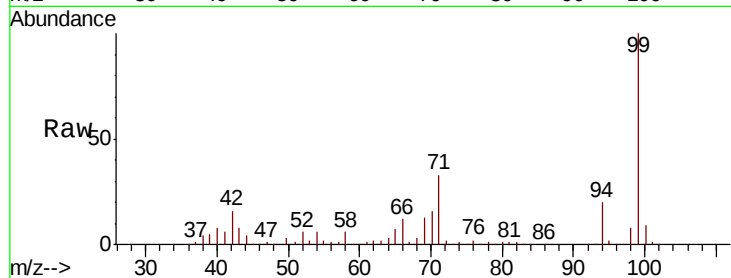
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1360911

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	33.3	26.9	40.3

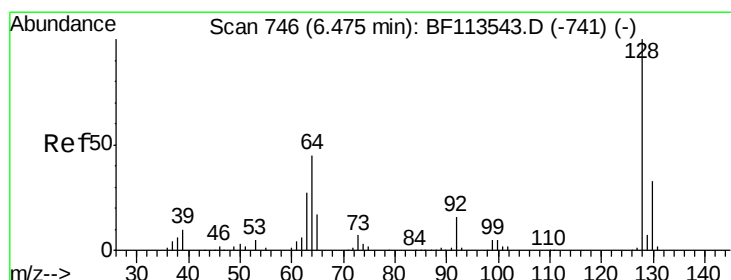
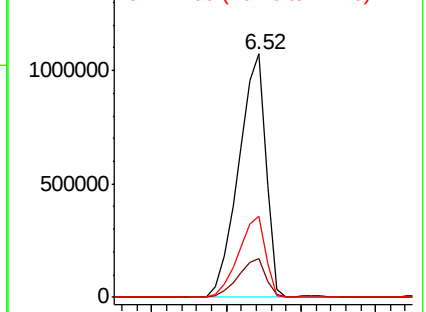
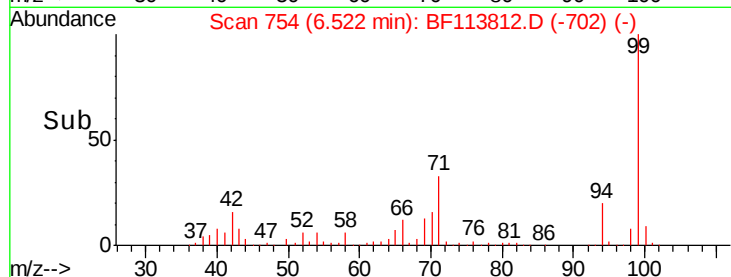


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.358 ng

RT: 6.68 min Scan# 781

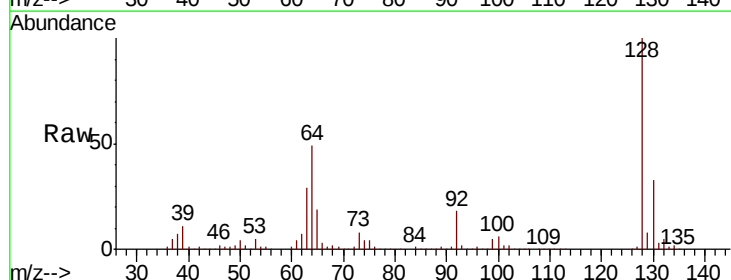
Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Tgt Ion:128 Resp: 622612

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	48.8	26.1	66.1

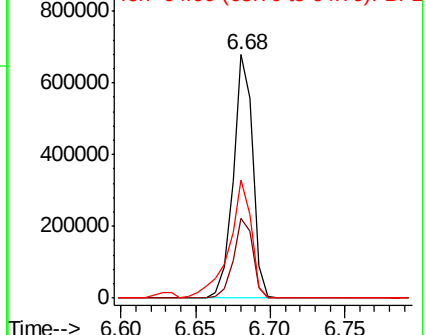
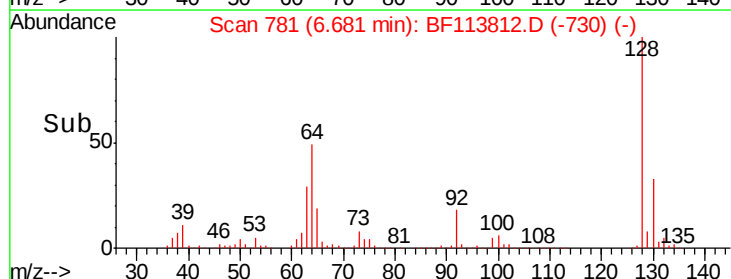


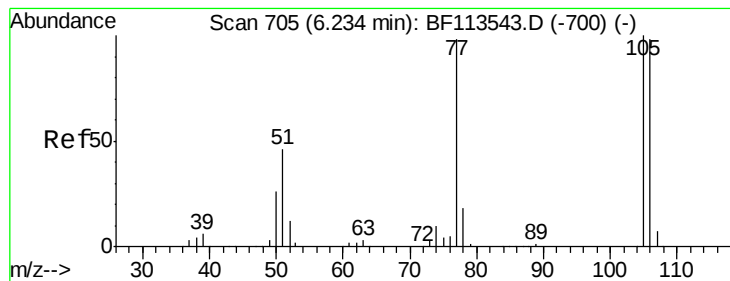
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 46.090 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampled :

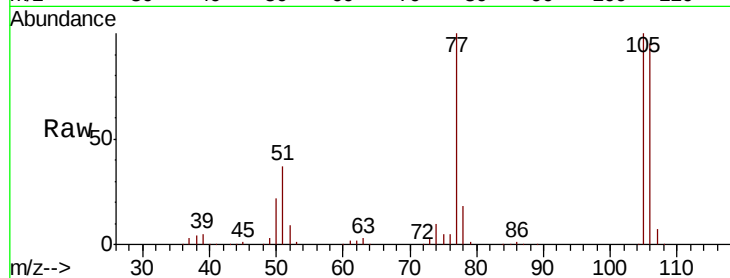
Tot Ion: 77 Resp: 368257

Ion Ratio Lower Upper

77 100

105 99.9 74.1 114.1

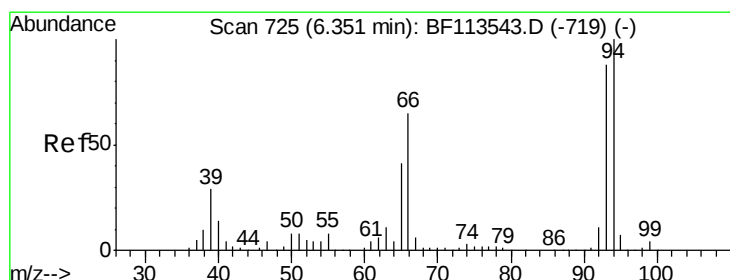
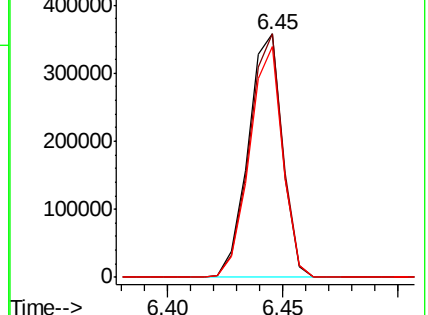
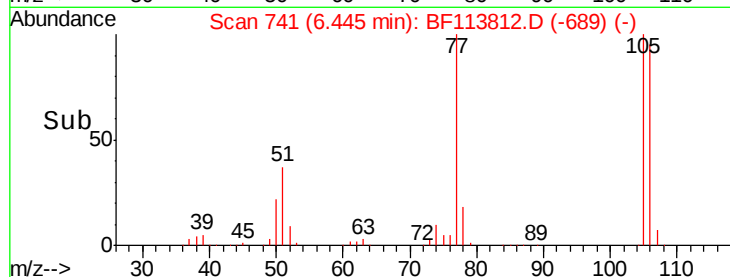
106 94.7 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.679 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

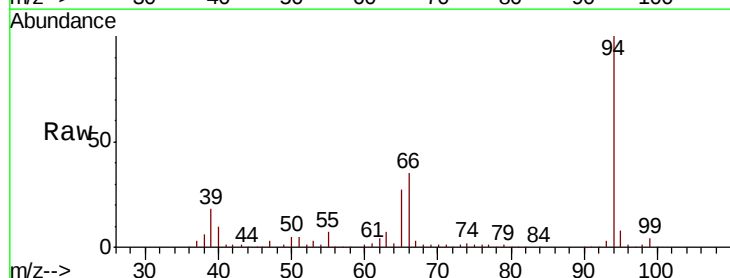
Tgt Ion: 94 Resp: 777775

Ion Ratio Lower Upper

94 100

65 27.0 8.1 48.1

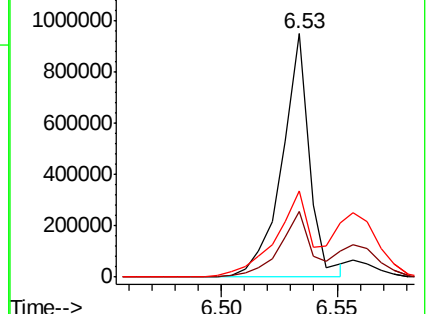
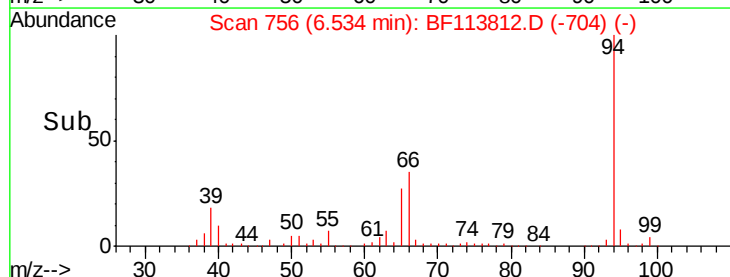
66 35.4 16.6 56.6

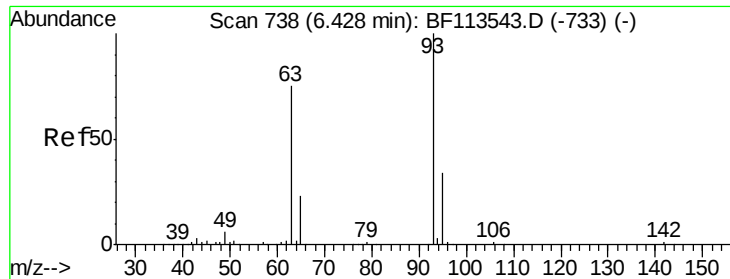


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

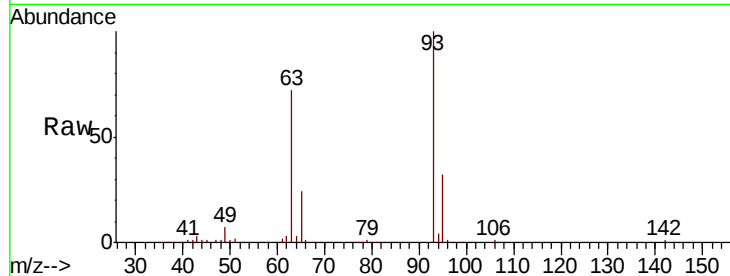




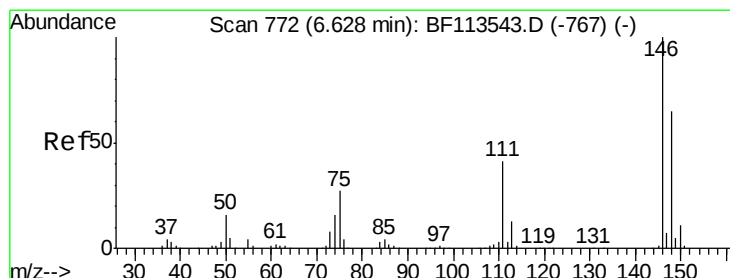
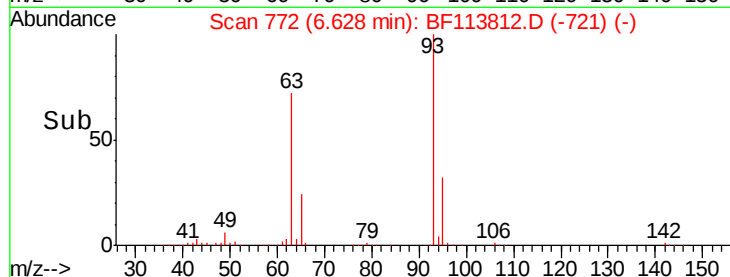
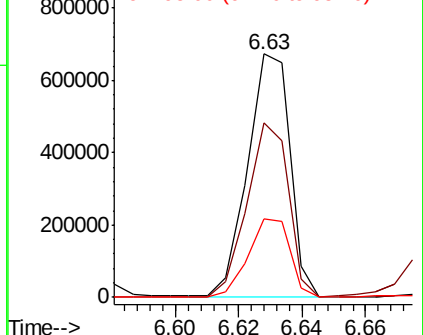
#11
bis(2-Chloroethyl)ether
Concen: 52.569 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	50.7	90.7
95	32.1	12.3	52.3

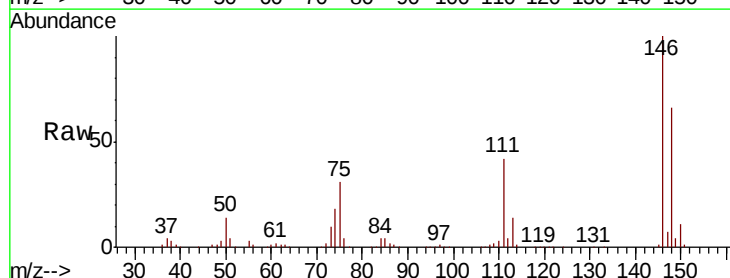


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

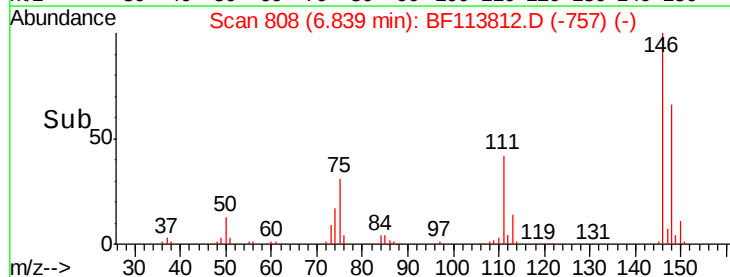
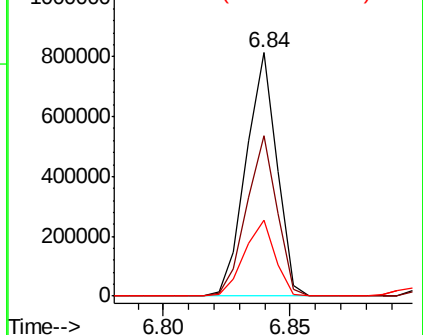


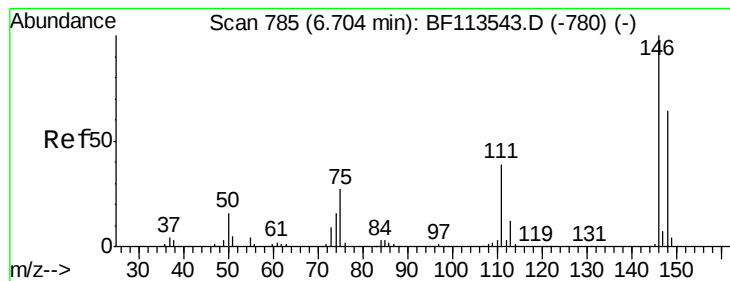
#12
1,3-Dichlorobenzene
Concen: 50.485 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
75	31.1	23.8	35.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 50.067 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

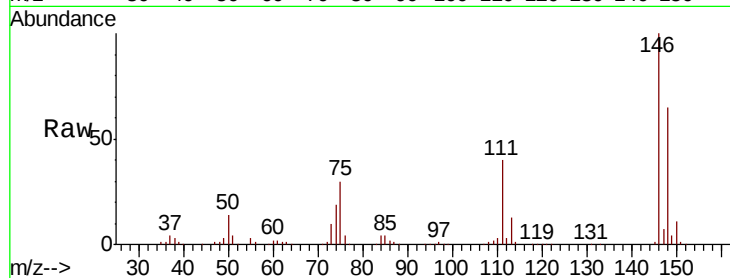
Tot Ion:146 Resp: 687295

Ion Ratio Lower Upper

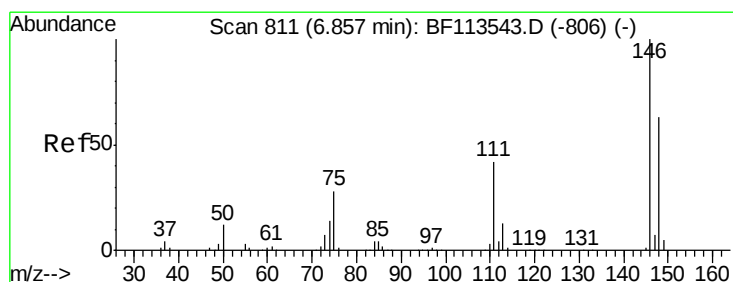
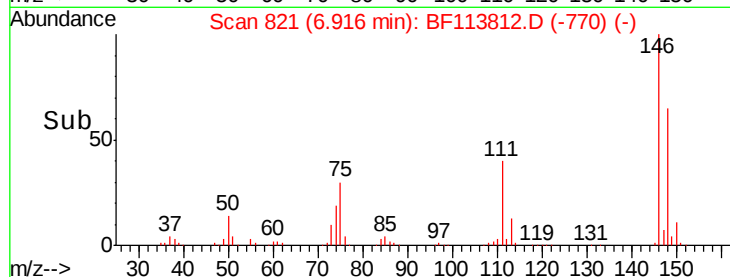
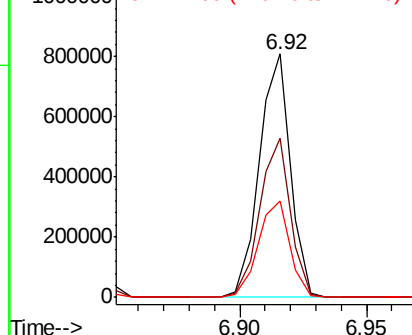
146 100

148 65.3 51.8 77.8

111 39.7 30.9 46.3



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



#14

1,2-Dichlorobenzene

Concen: 51.342 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

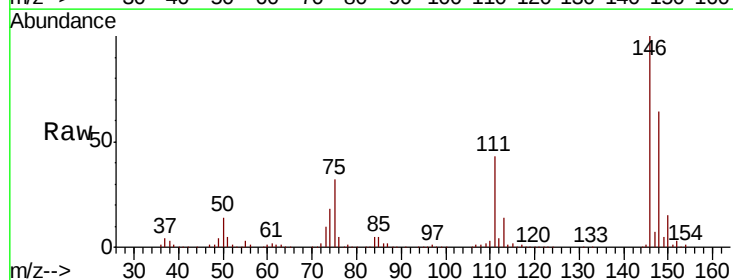
Tgt Ion:146 Resp: 636174

Ion Ratio Lower Upper

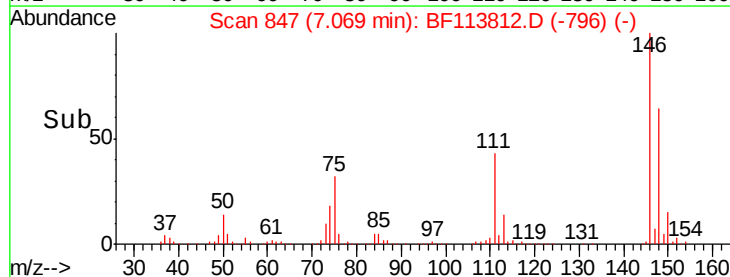
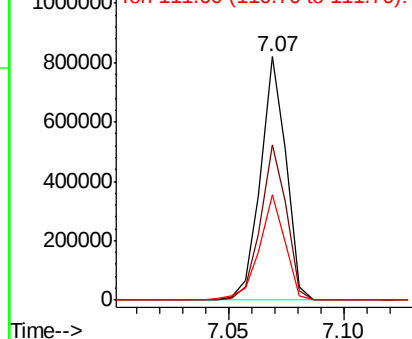
146 100

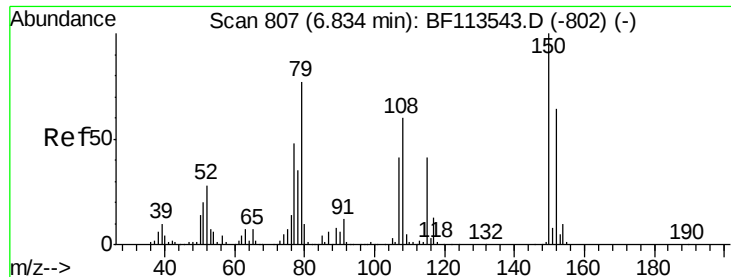
148 63.8 52.1 78.1

111 43.0 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 61.870 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

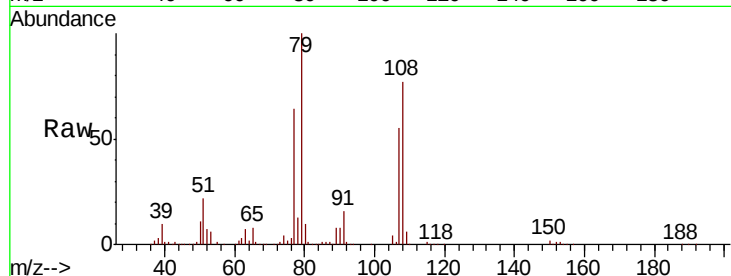
Tot Ion: 79 Resp: 562140

Ion Ratio Lower Upper

79 100

108 77.4 61.4 92.0

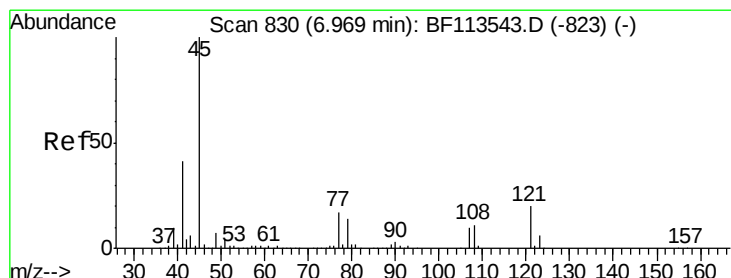
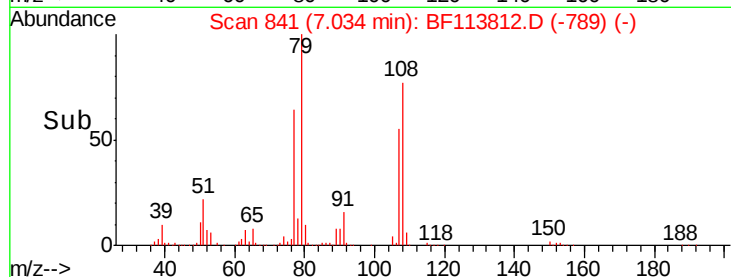
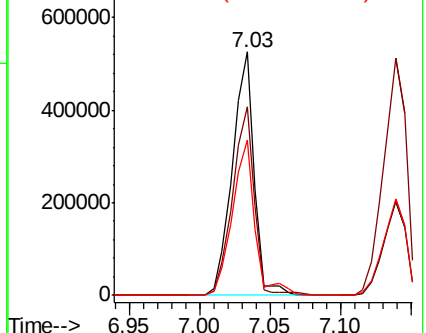
77 63.6 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.015 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

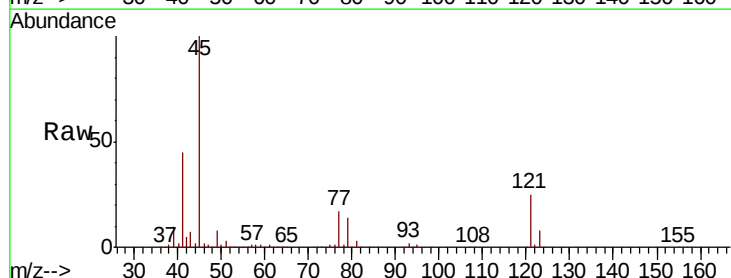
Tgt Ion: 45 Resp: 762147

Ion Ratio Lower Upper

45 100

77 17.4 0.0 37.0

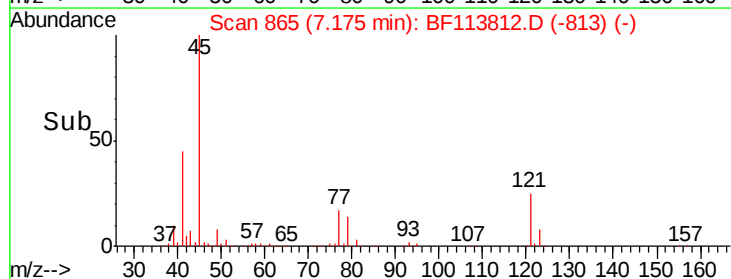
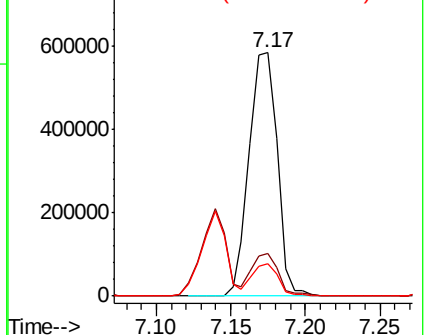
79 13.6 0.0 32.7

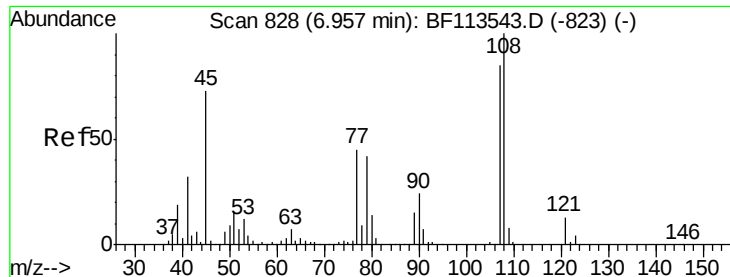


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

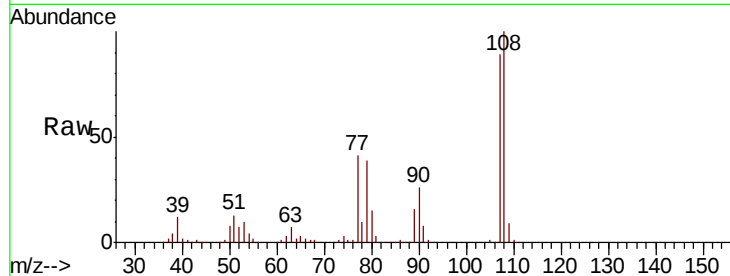




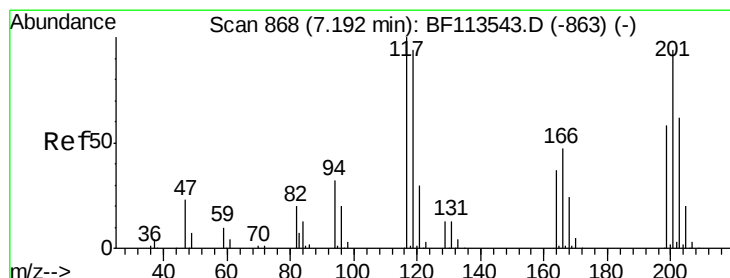
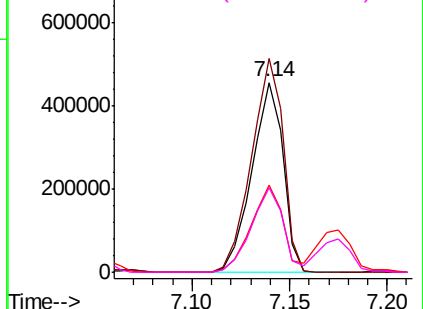
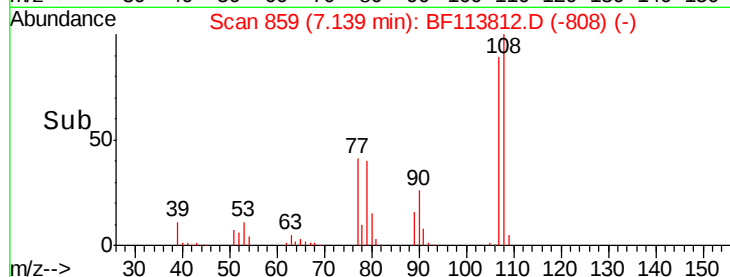
#17
2-Methylphenol
Concen: 51.473 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	503177
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.5	137.3
77	46.0	36.2	54.4
79	44.5	35.4	53.0

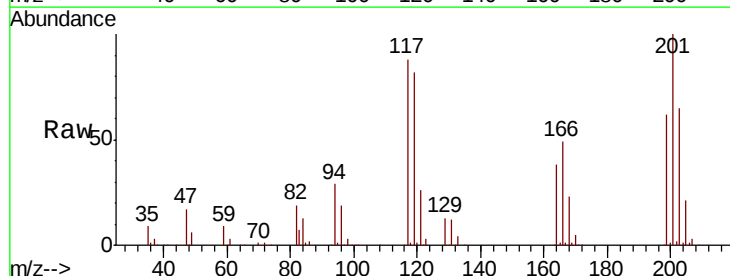


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

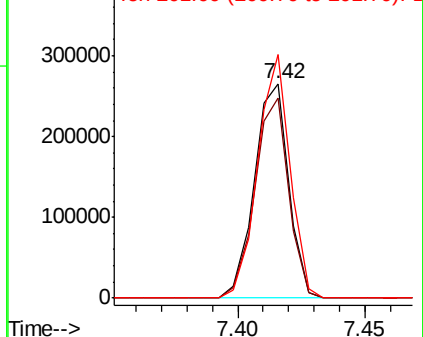
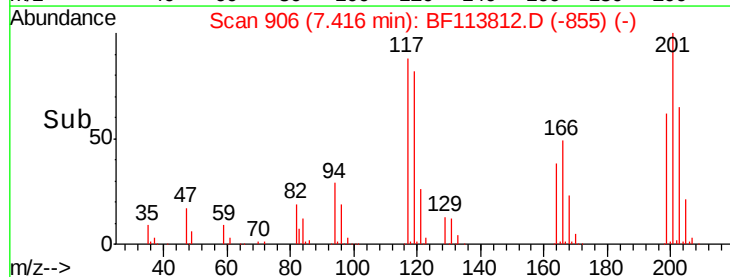


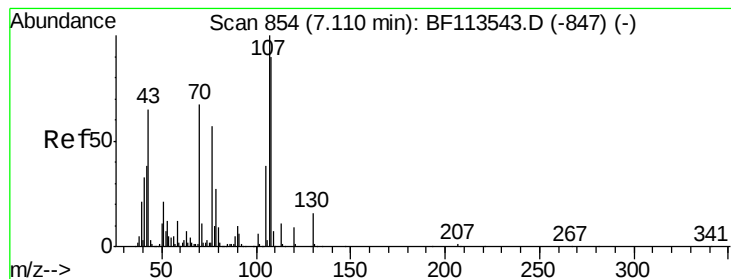
#18
Hexachloroethane
Concen: 49.910 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:	117	Resp:	249384
Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.4	111.6
201	113.4	90.2	135.2



Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 54.587 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 452321

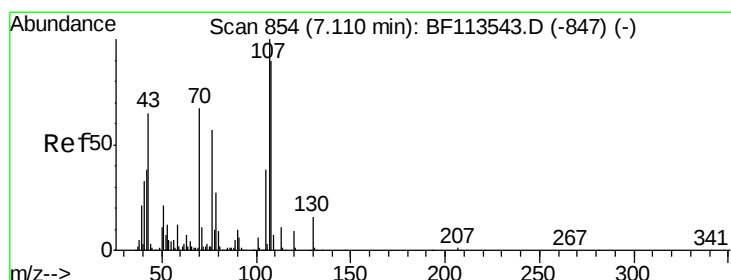
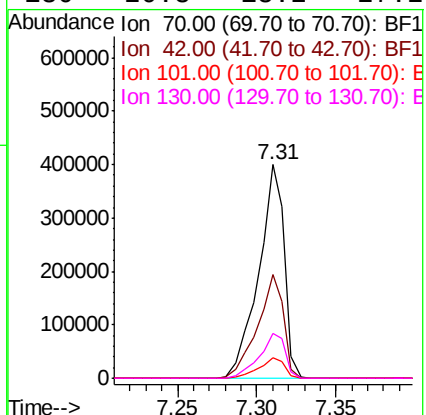
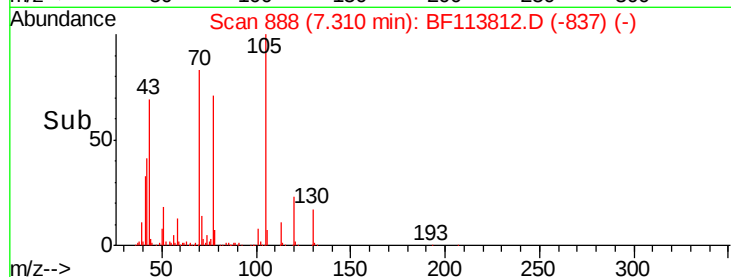
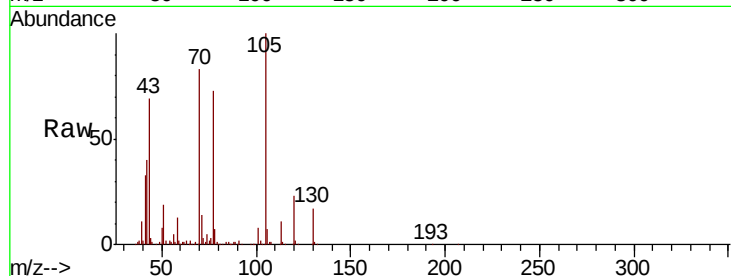
Ion Ratio Lower Upper

70 100

42 48.8 37.3 55.9

101 9.5 7.8 11.8

130 20.8 18.2 27.2



#20

3+4-Methylphenols

Concen: 51.103 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Tgt Ion: 107 Resp: 605295

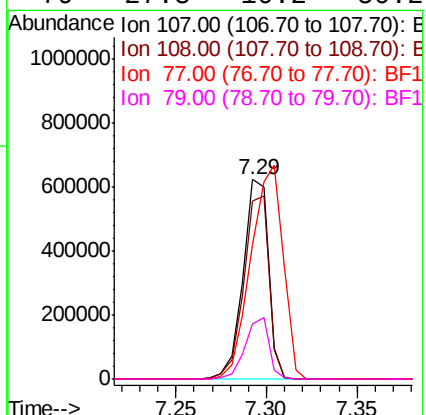
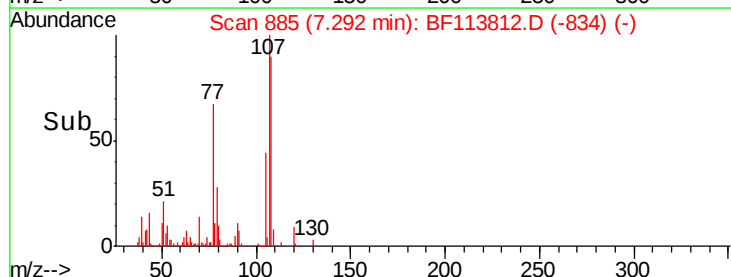
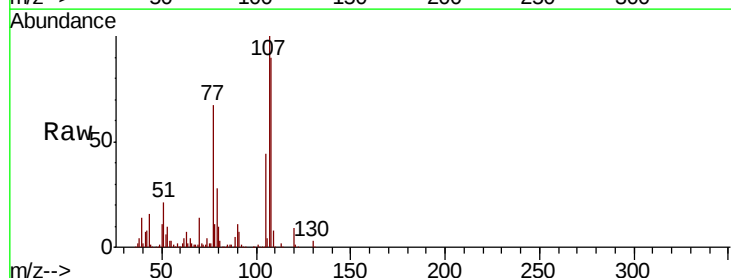
Ion Ratio Lower Upper

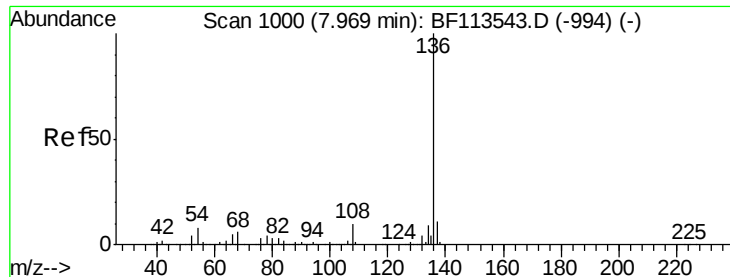
107 100

108 89.6 70.1 110.1

77 67.3 52.9 92.9

79 27.8 10.2 50.2

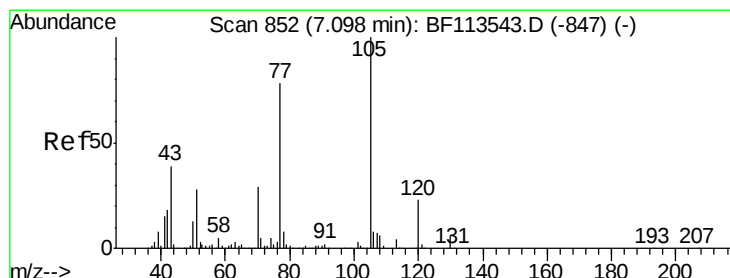
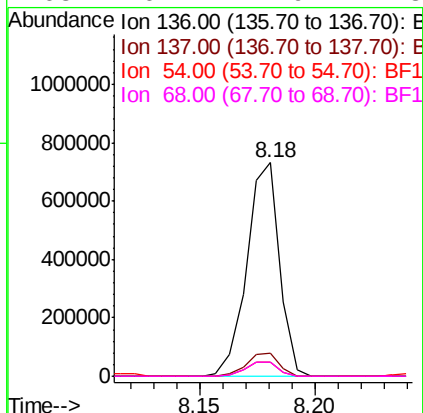
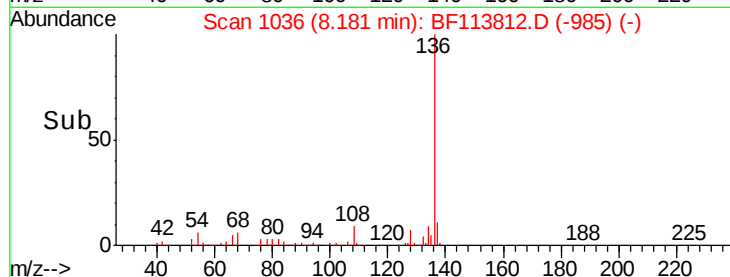
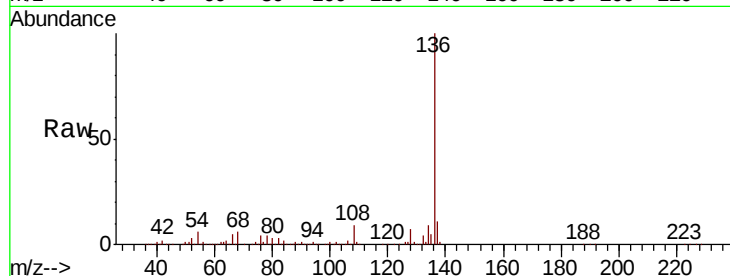




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

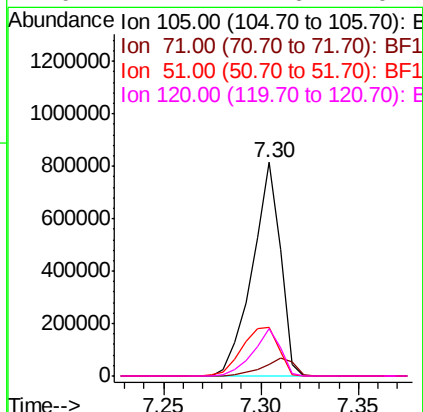
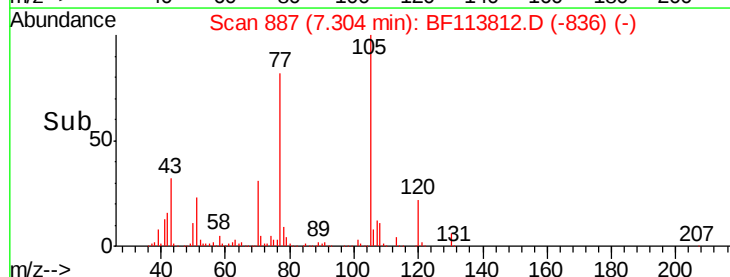
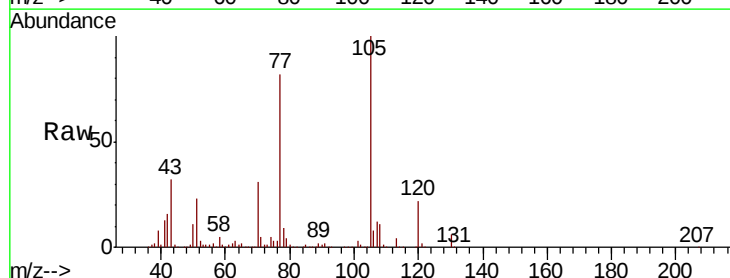
Instrument :
BNA_F
ClientSampleId :

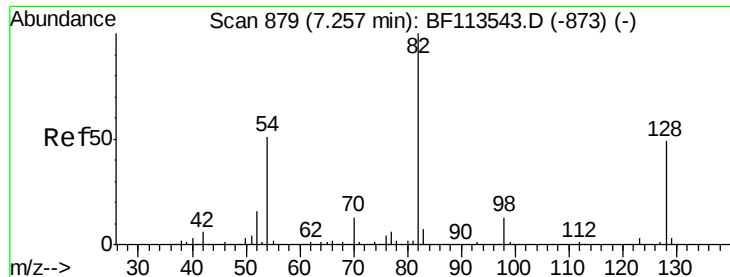
Tot Ion:136	Resp:	722834
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 12.8
54	6.4	5.0 7.6
68	6.4	4.9 7.3



#22
Acetophenone
Concen: 51.080 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:105	Resp:	810935
Ion Ratio	Lower	Upper
105	100	
71	5.4	6.1 9.1#
51	22.8	16.8 25.2
120	22.1	17.6 26.4

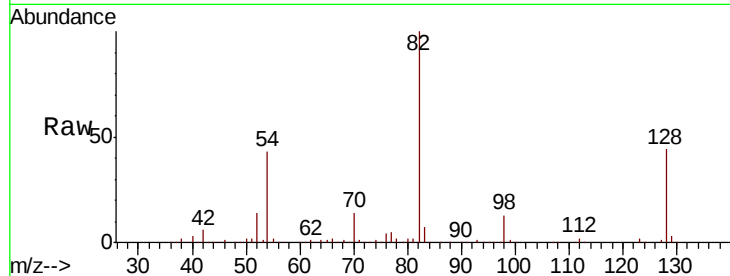




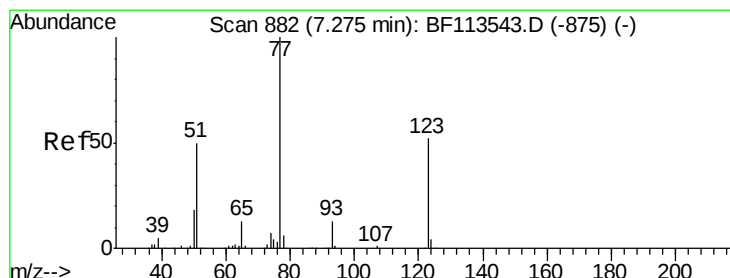
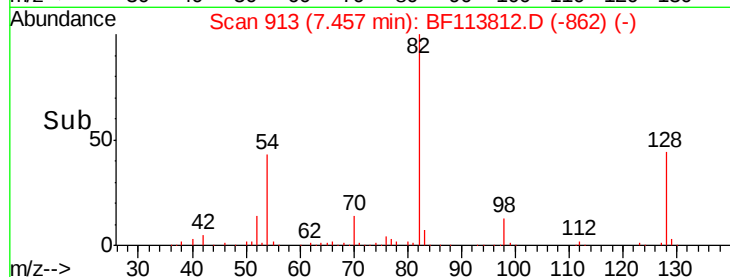
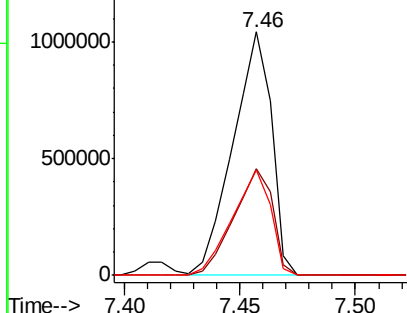
#23
Nitrobenzene-d5
Concen: 98.441 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1214791
Ion Ratio Lower Upper
82 100
128 44.0 36.8 55.2
54 43.1 33.8 50.6

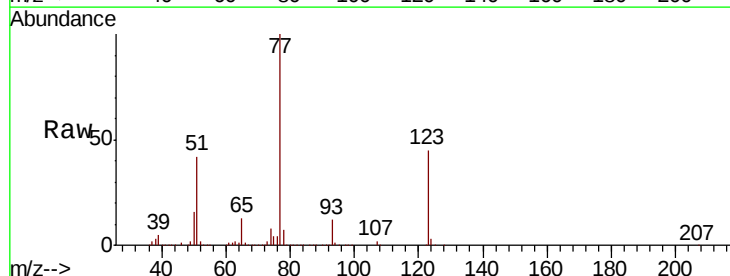


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

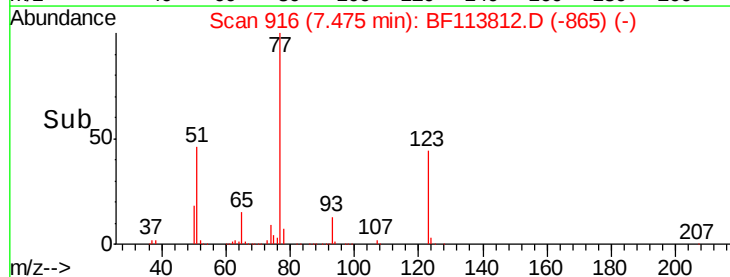
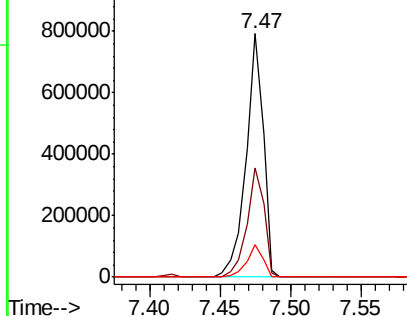


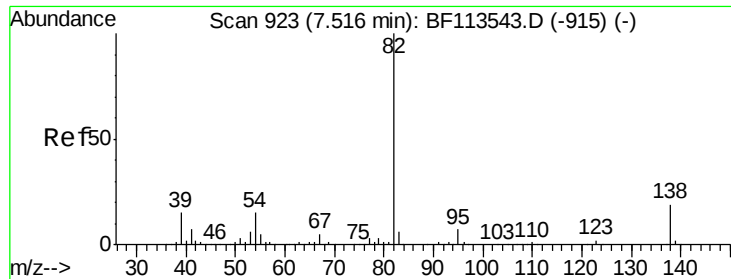
#24
Nitrobenzene
Concen: 53.216 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion: 77 Resp: 676290
Ion Ratio Lower Upper
77 100
123 44.7 36.3 54.5
65 13.1 10.3 15.5



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

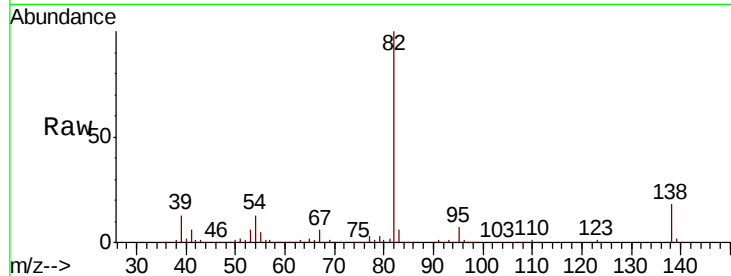




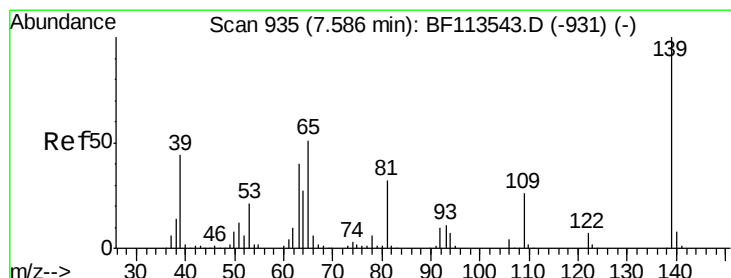
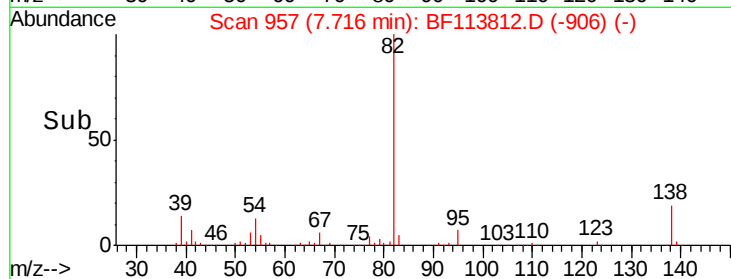
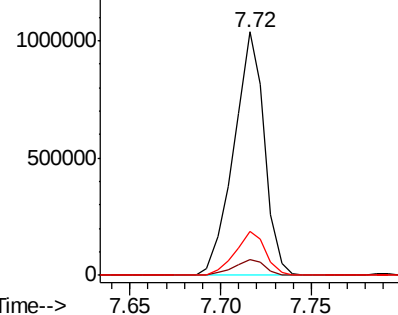
#25
Isophorone
Concen: 50.994 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1212220
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 18.0 14.6 22.0

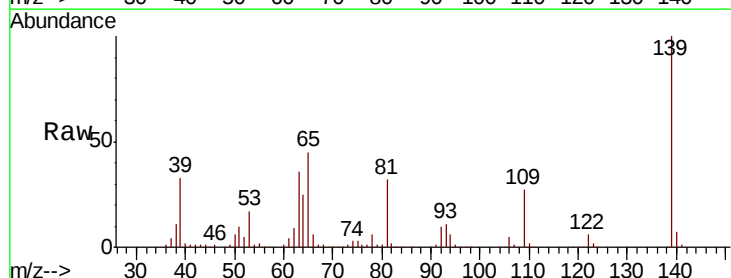


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

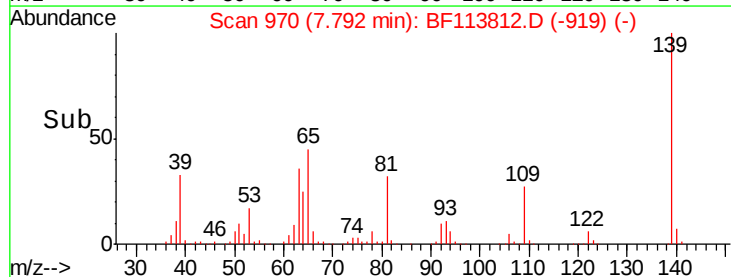
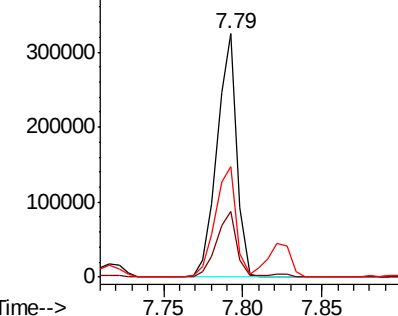


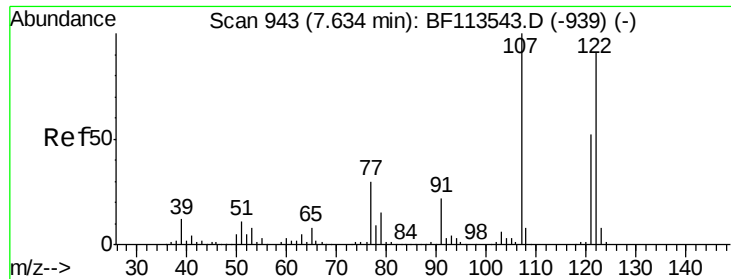
#26
2-Nitrophenol
Concen: 40.907 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion: 139 Resp: 279794
Ion Ratio Lower Upper
139 100
109 27.1 20.6 31.0
65 45.2 34.6 52.0



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

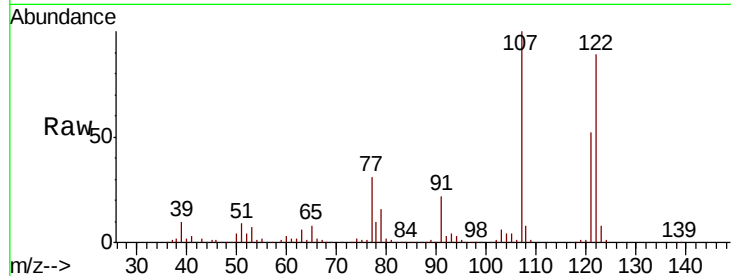




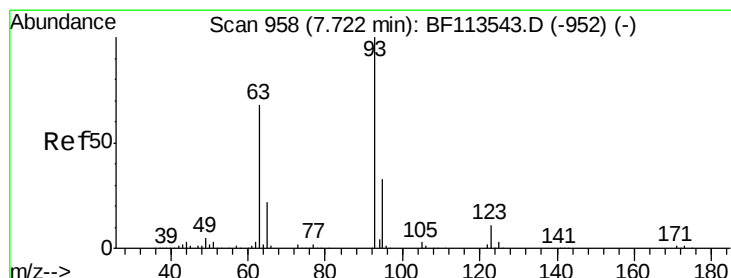
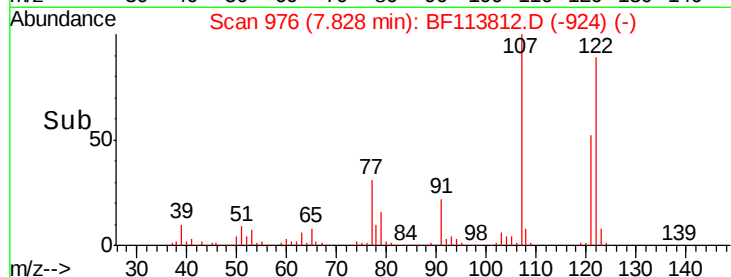
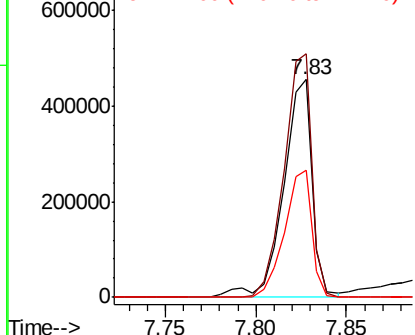
#27
 2,4-Dimethylphenol
 Concen: 51.638 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 504921
 Ion Ratio Lower Upper
 122 100
 107 112.0 91.2 136.8
 121 58.7 46.4 69.6

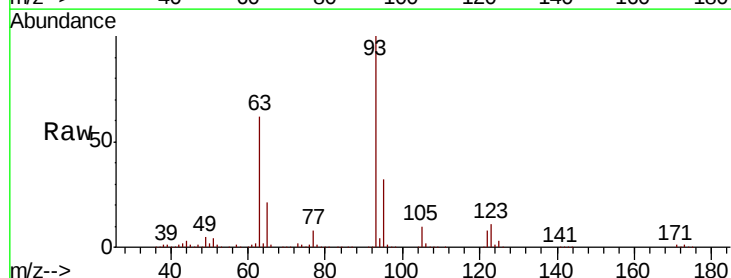


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

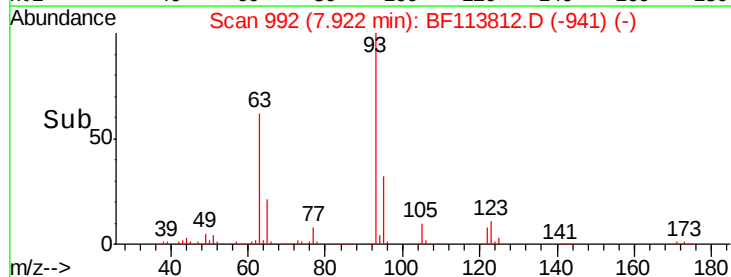
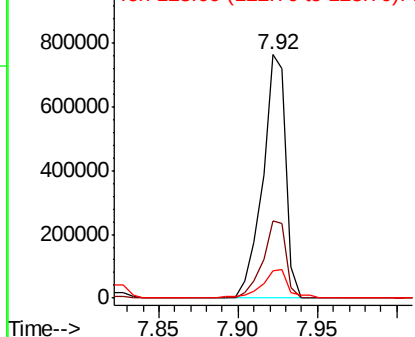


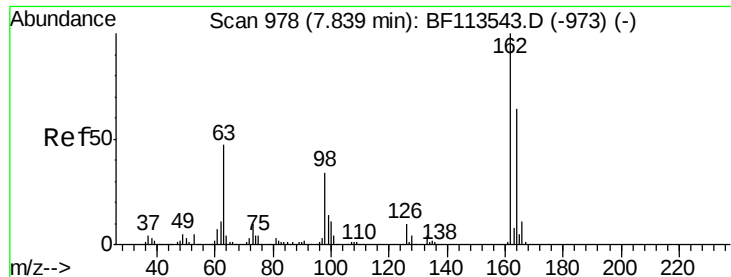
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.835 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion: 93 Resp: 779035
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.8 38.6
 123 11.3 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

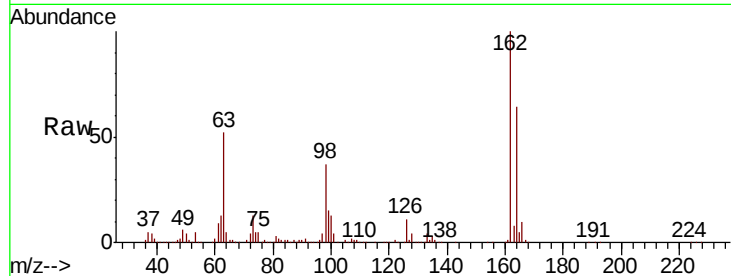




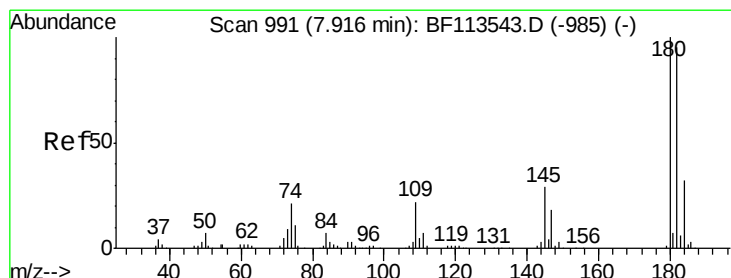
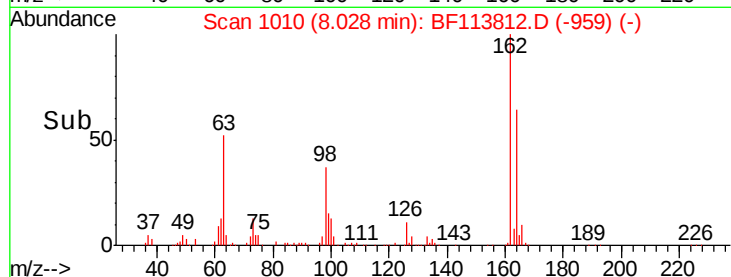
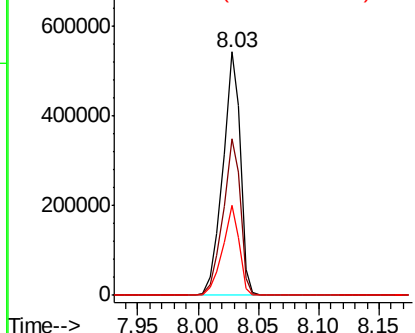
#29
2,4-Dichlorophenol
Concen: 51.747 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 541373
Ion Ratio Lower Upper
162 100
164 64.2 43.7 83.7
98 36.8 15.5 55.5

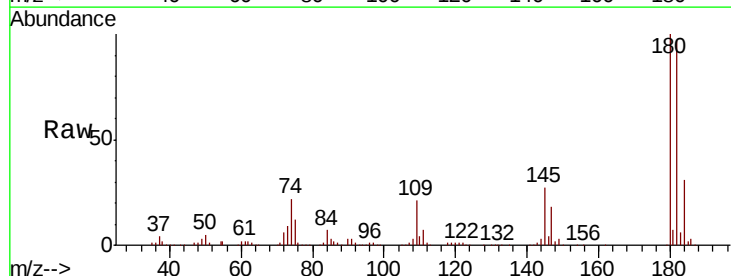


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

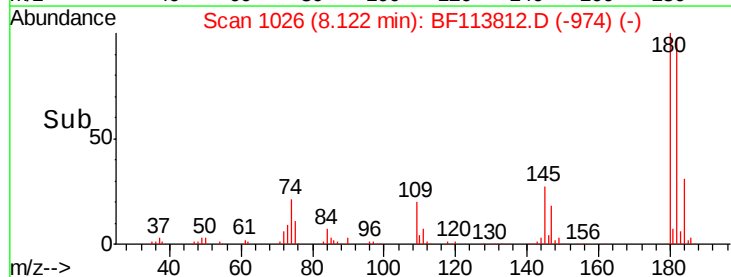
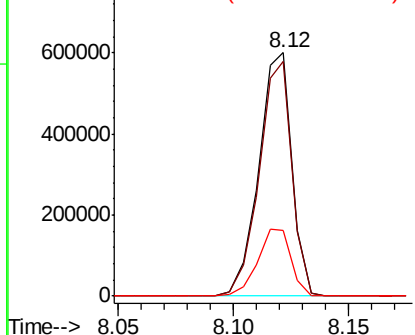


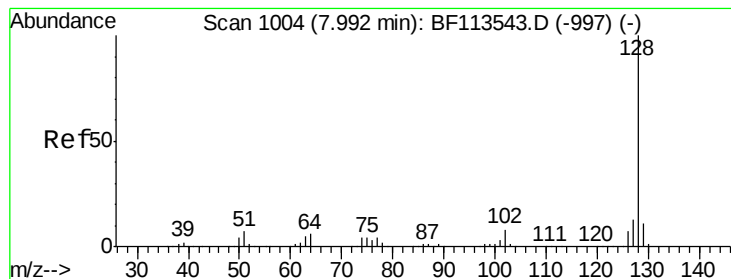
#30
1,2,4-Trichlorobenzene
Concen: 52.587 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:180 Resp: 597451
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.0
145 27.2 23.0 34.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.340 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

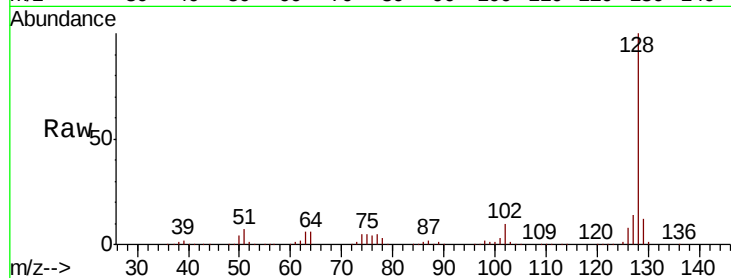
Tot Ion:128 Resp: 1693019

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.0

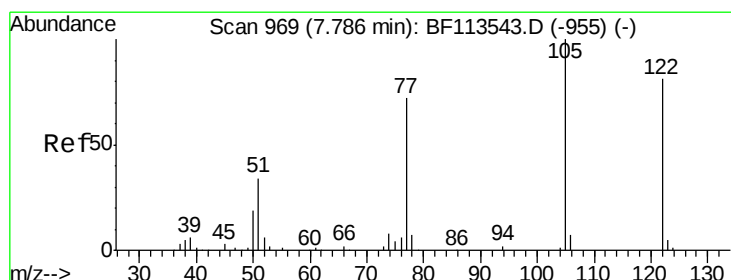
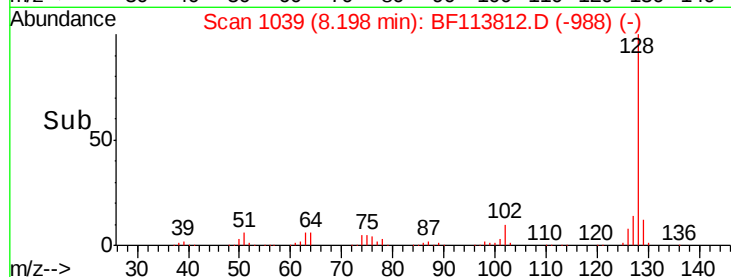
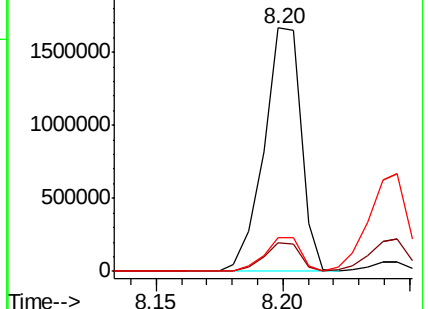
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.057 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

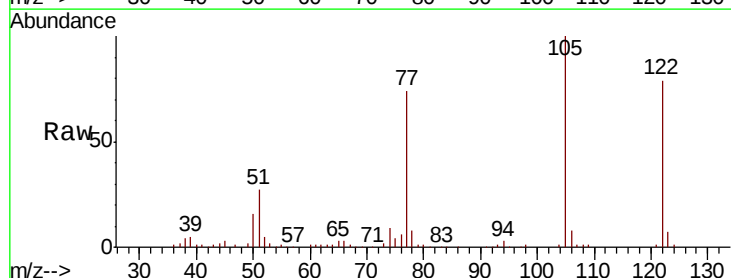
Tgt Ion:122 Resp: 250295

Ion Ratio Lower Upper

122 100

105 126.5 104.3 144.3

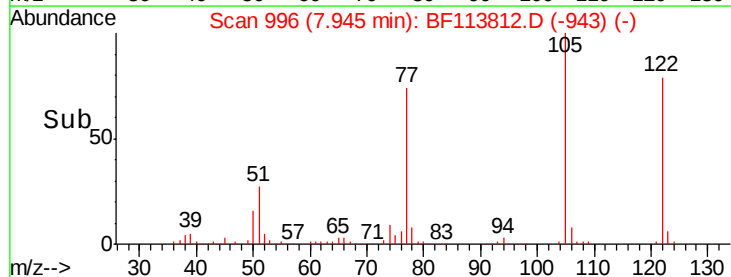
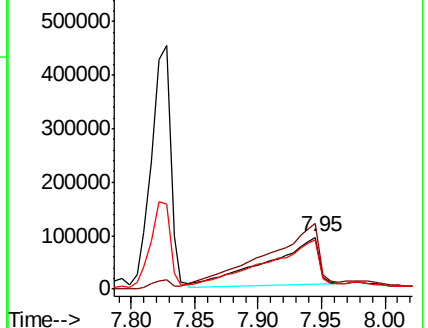
77 94.2 70.4 110.4

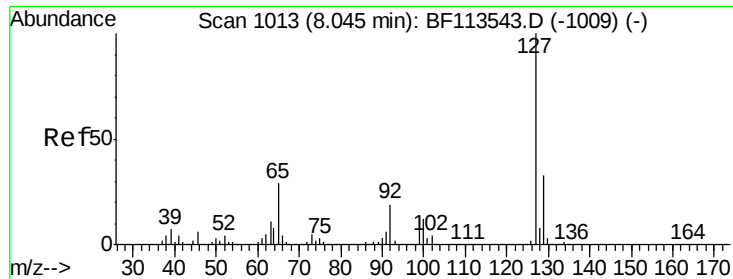


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

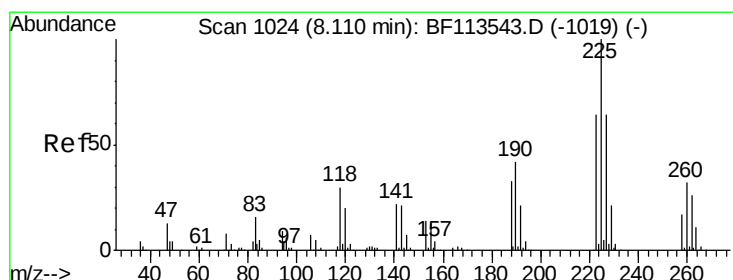
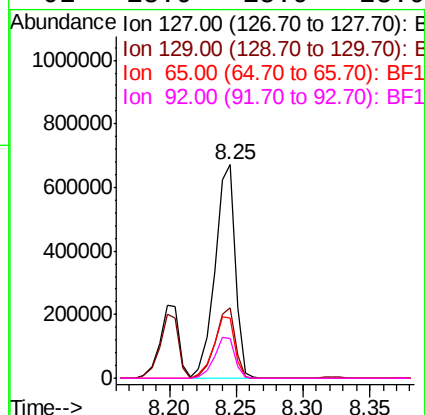
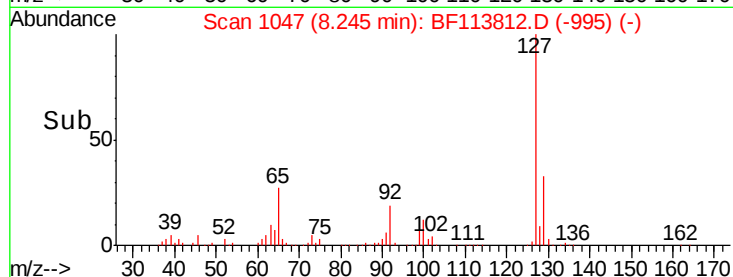
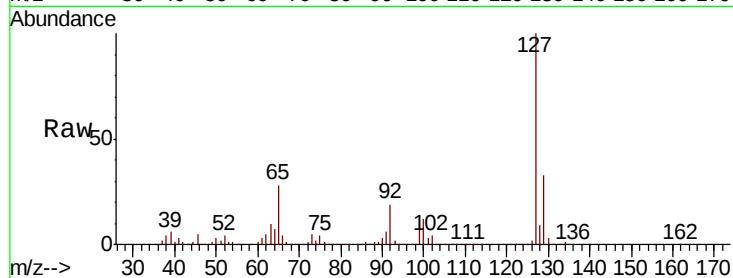




#33
4-Chloroaniline
Concen: 51.805 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

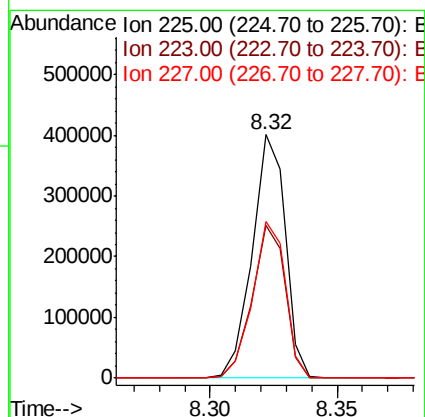
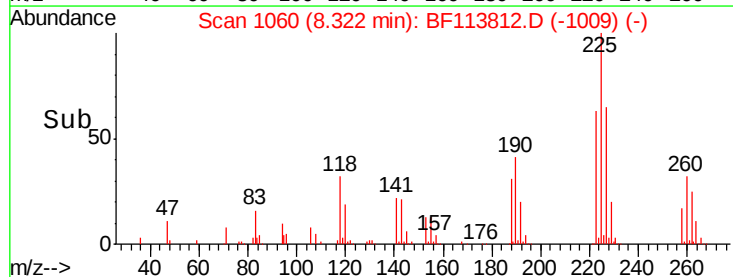
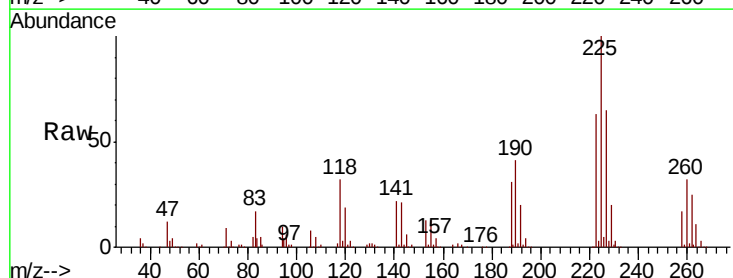
Instrument :
BNA_F
ClientSampled :

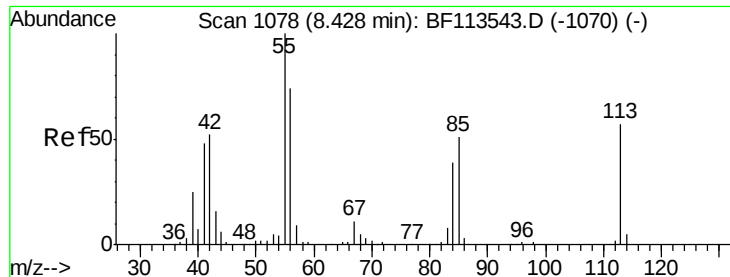
Tot Ion:	127	Resp:	719429
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	28.0	24.9	37.3
92	18.9	15.9	23.9



#34
Hexachlorobutadiene
Concen: 52.803 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:	225	Resp:	365743
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	64.6	49.9	74.9

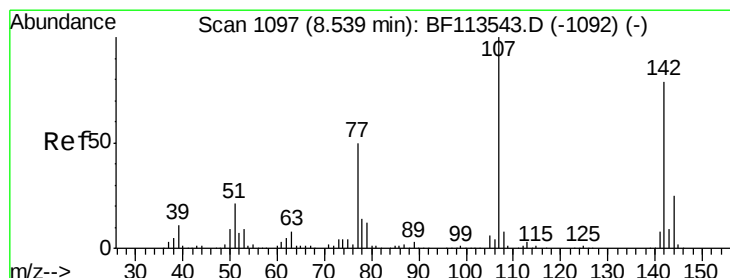
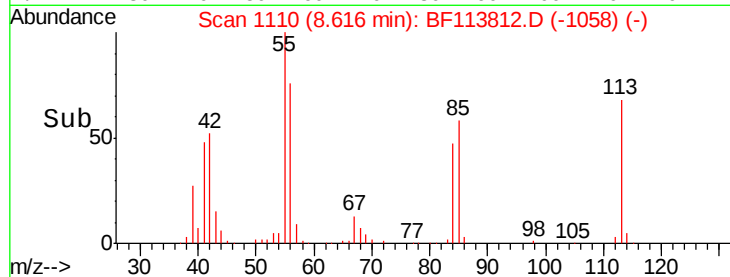
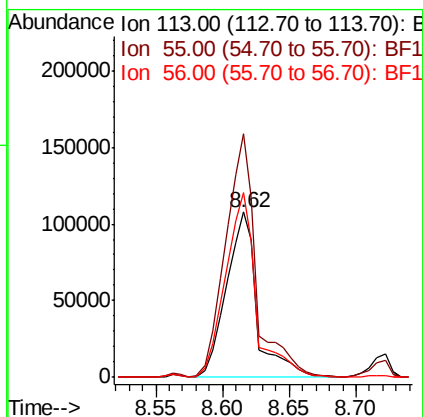
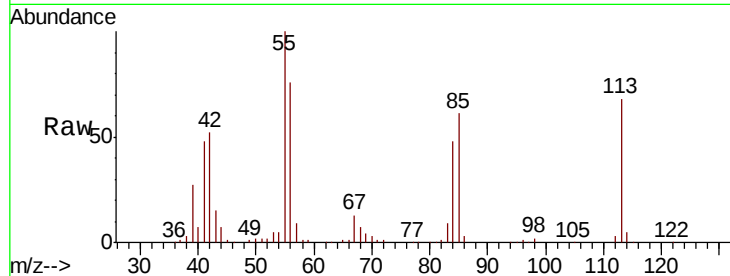




#35
 Caprolactam
 Concen: 52.263 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

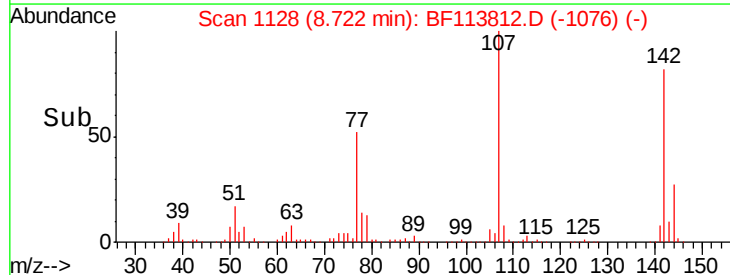
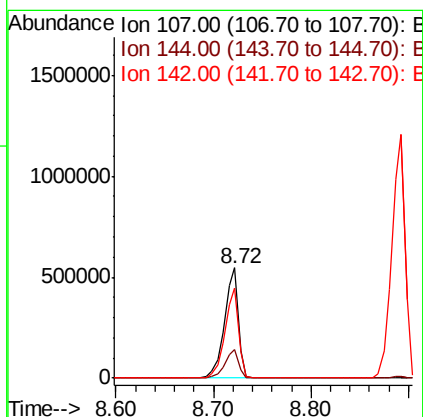
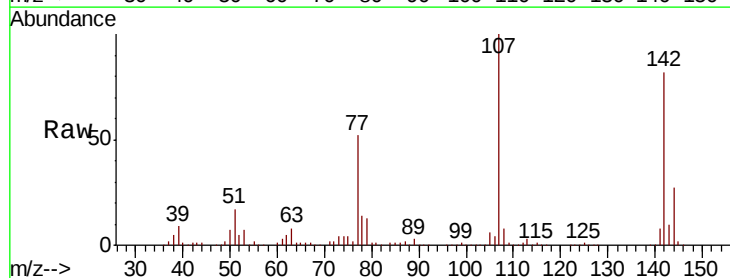
Instrument :
 BNA_F
 ClientSampleId :

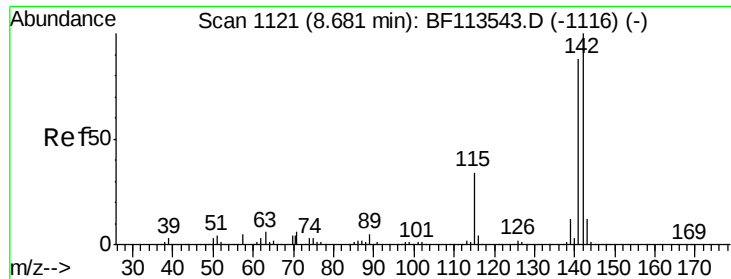
Tot Ion:113 Resp: 173565
 Ion Ratio Lower Upper
 113 100
 55 147.4 128.6 168.6
 56 112.1 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.657 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion:107 Resp: 532009
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 82.3 64.2 96.4

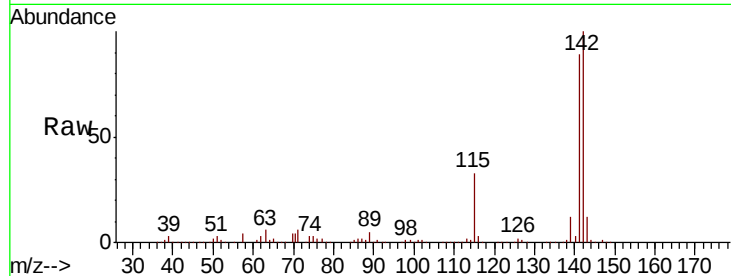




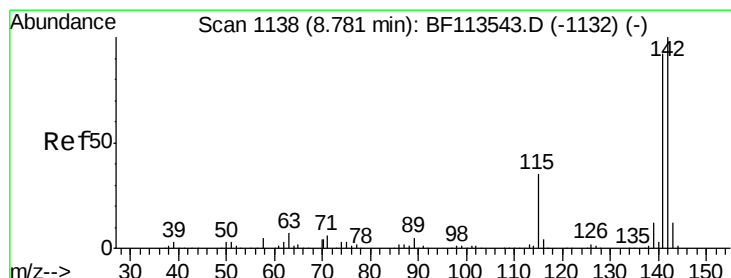
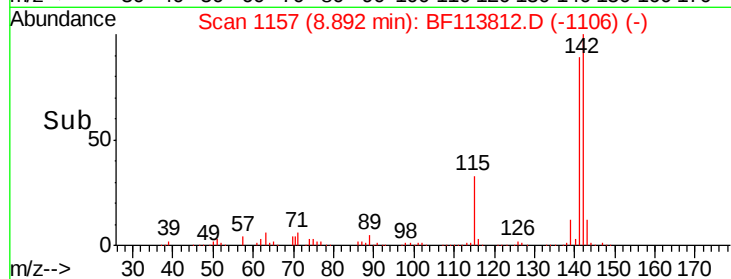
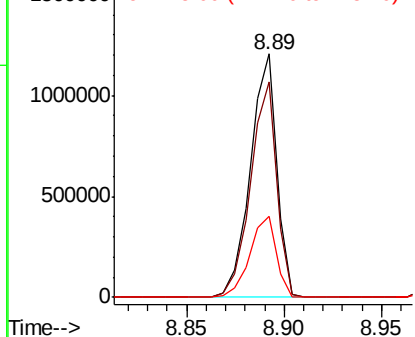
#37
2-Methylnaphthalene
Concen: 48.905 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1126509
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6
115 33.5 26.3 39.5

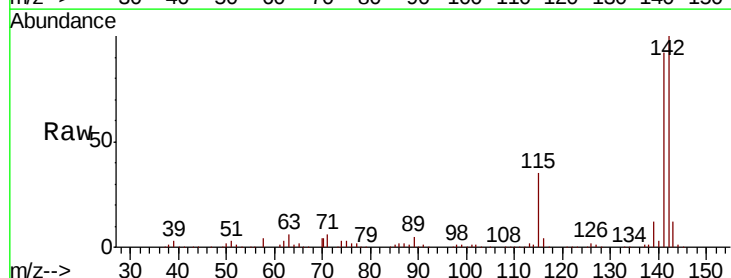


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

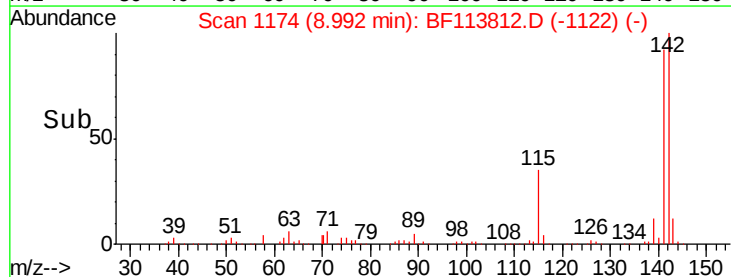
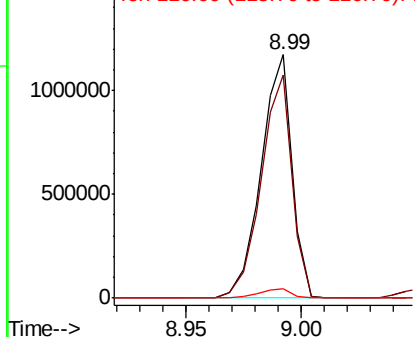


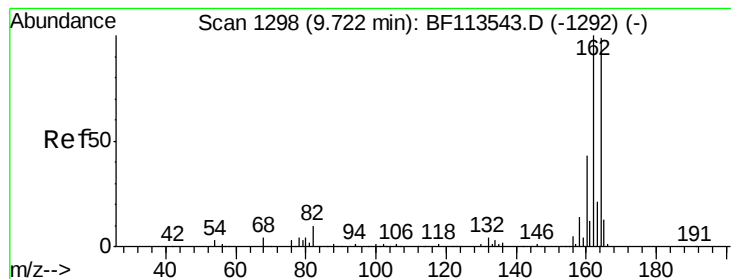
#38
1-Methylnaphthalene
Concen: 49.156 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:142 Resp: 1091812
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5
116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampled :

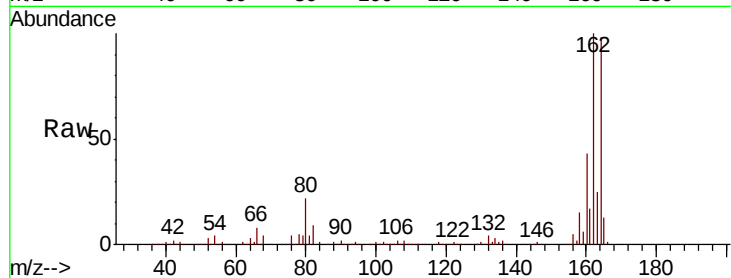
Tot Ion:164 Resp: 370993

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 43.9 35.8 53.6

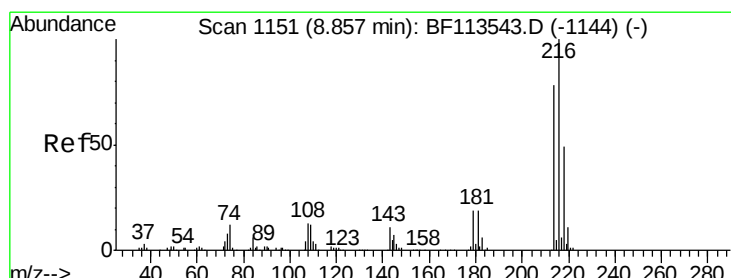
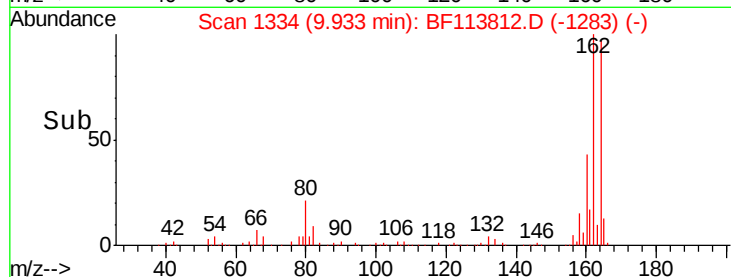
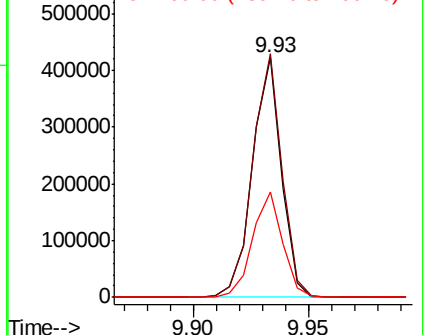


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.702 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Tgt Ion:216 Resp: 584336

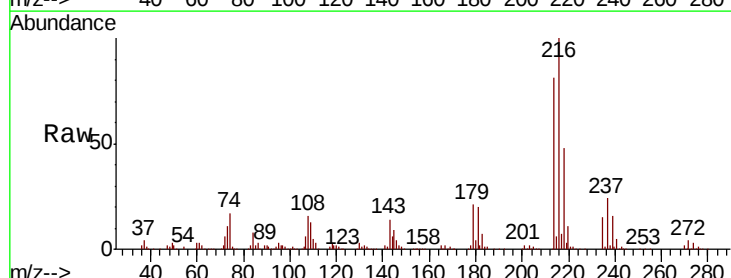
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.5 16.1 24.1

108 16.8 13.4 20.0



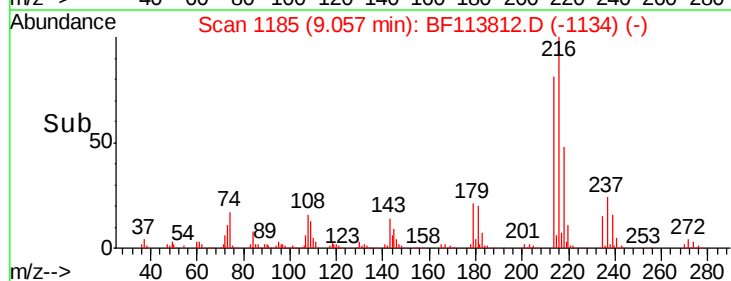
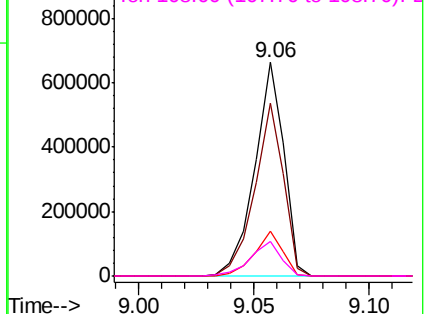
Abundance

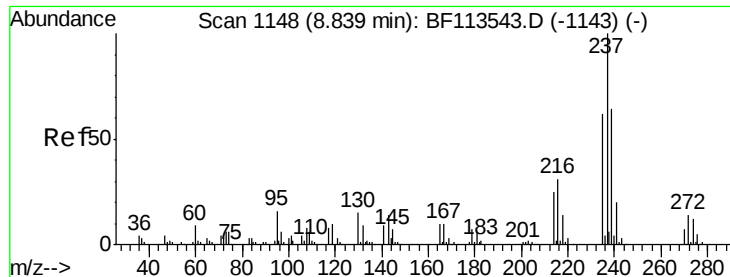
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.613 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

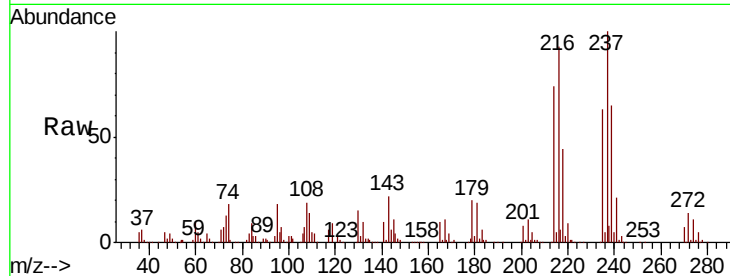
Tot Ion:237 Resp: 326531

Ion Ratio Lower Upper

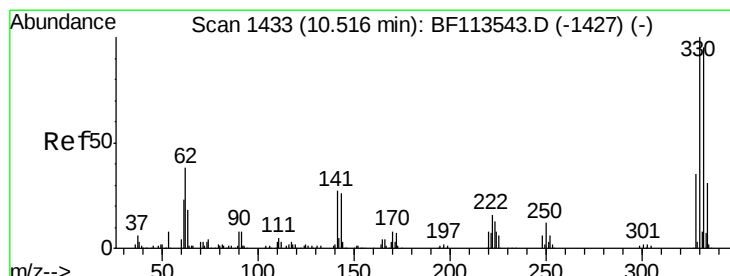
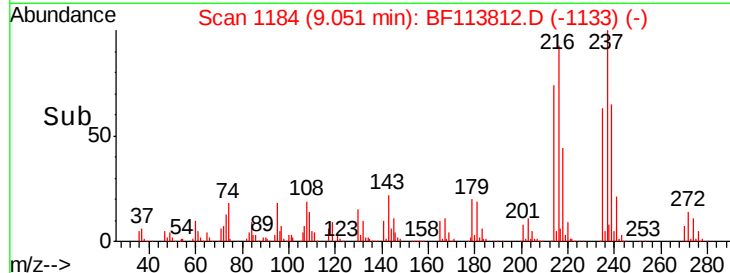
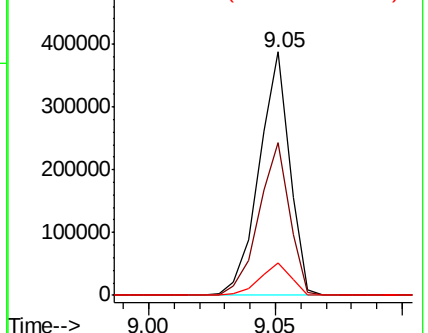
237 100

235 62.7 42.6 82.6

272 13.6 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 92.357 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

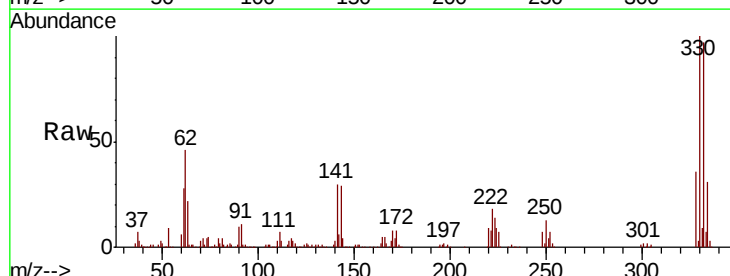
Tgt Ion:330 Resp: 411593

Ion Ratio Lower Upper

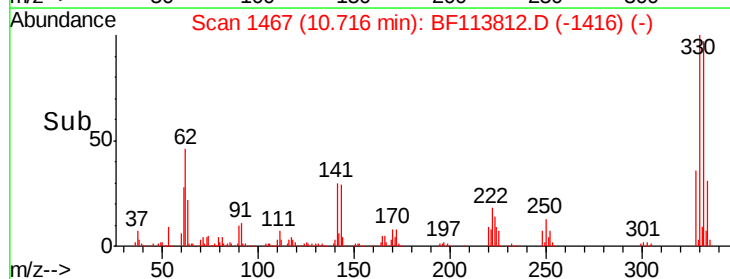
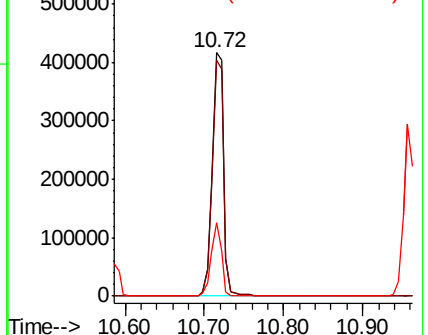
330 100

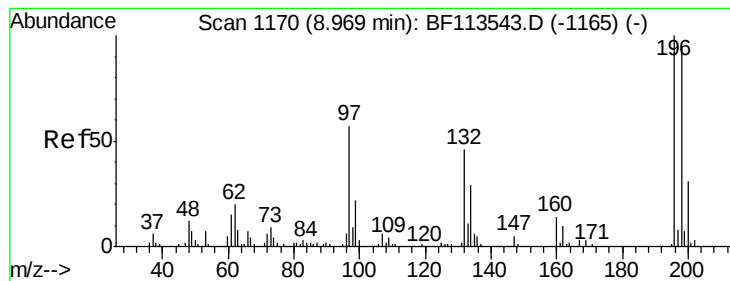
332 96.2 77.5 116.3

141 27.4 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 50.427 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

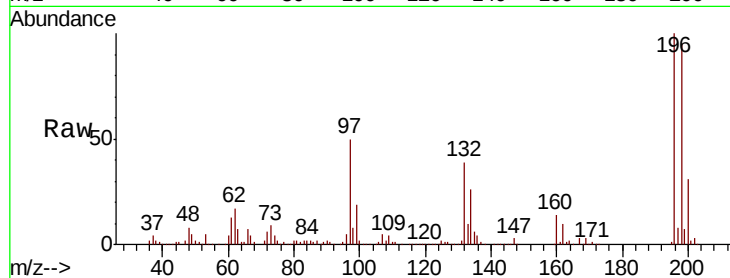
Tot Ion:196 Resp: 381916

Ion Ratio Lower Upper

196 100

198 94.8 75.6 113.4

200 30.7 24.7 37.1

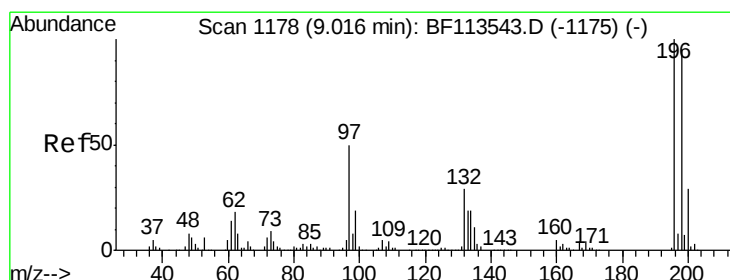
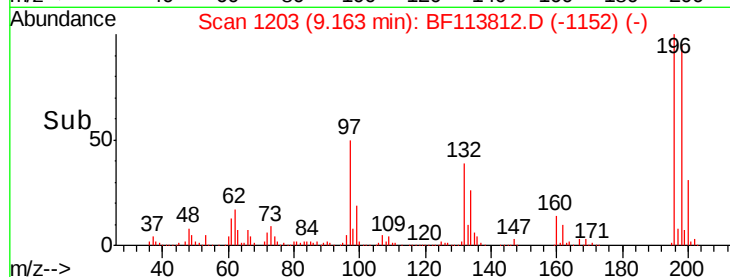
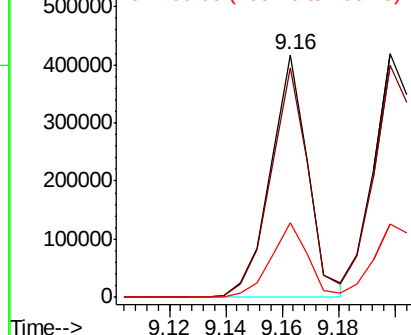


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 50.079 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Tgt Ion:196 Resp: 407189

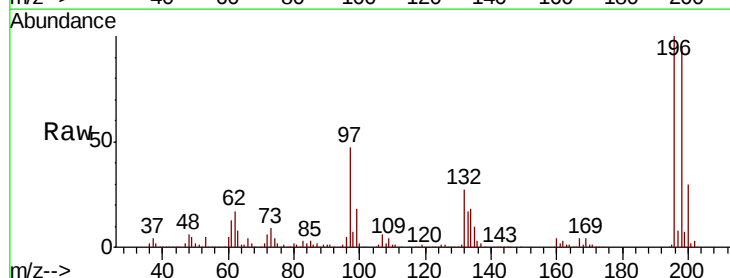
Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.4

97 46.7 35.8 53.8

132 26.6 20.9 31.3



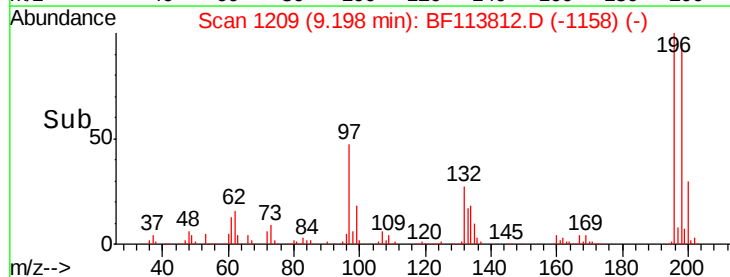
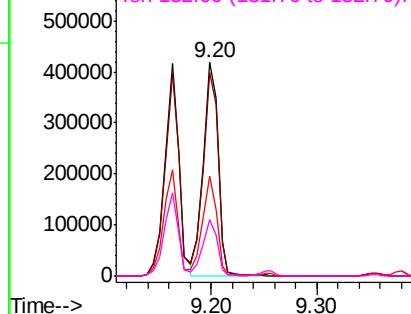
Abundance

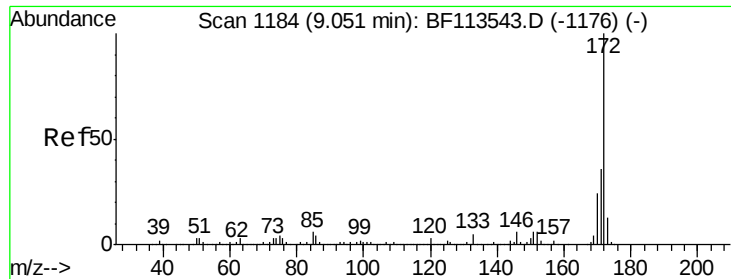
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

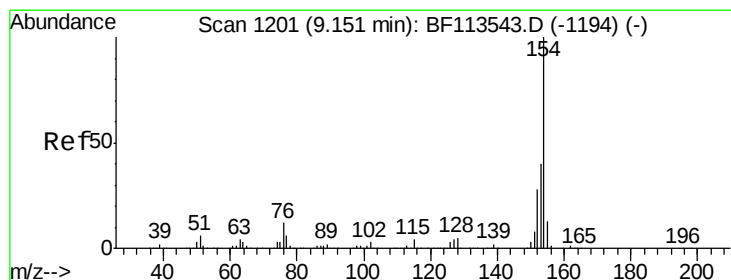
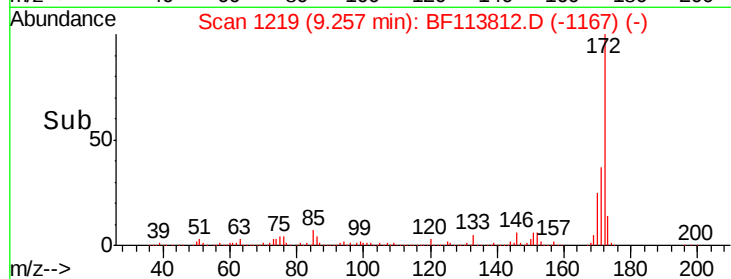
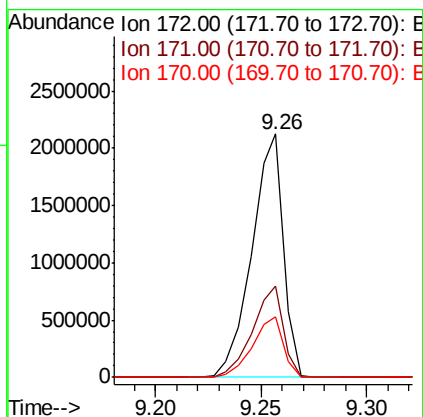
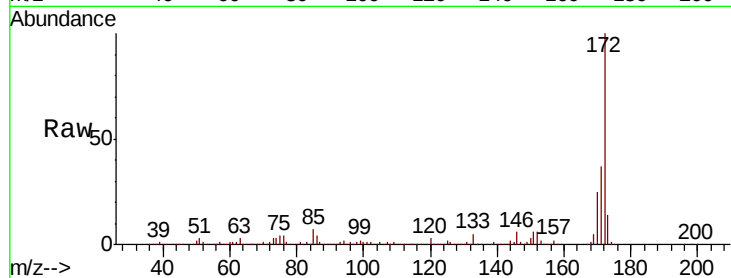




#45
2-Fluorobiphenyl
Concen: 95.394 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

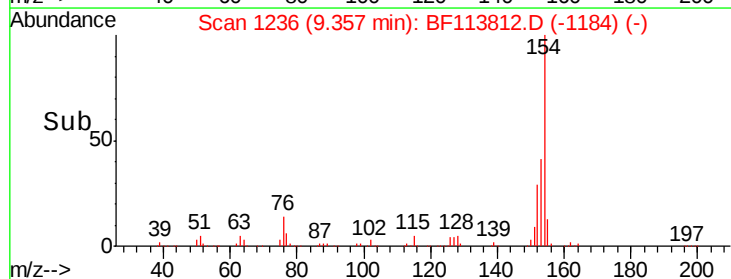
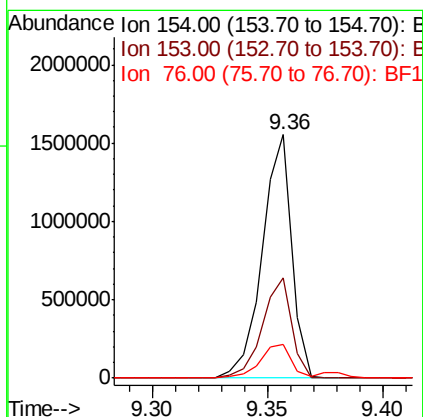
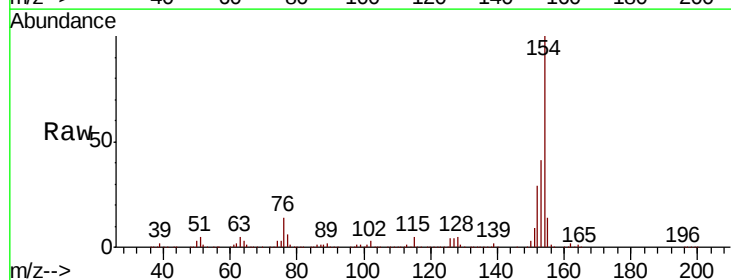
Instrument :
BNA_F
ClientSampleId :

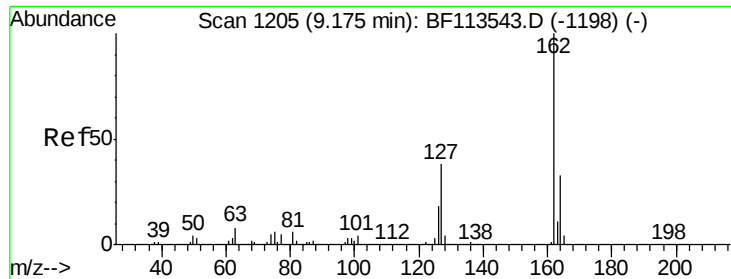
Tot Ion:172 Resp: 2198306
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 25.1 19.9 29.9



#46
1,1'-Biphenyl
Concen: 44.983 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:154 Resp: 1377106
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.7 0.0 35.2

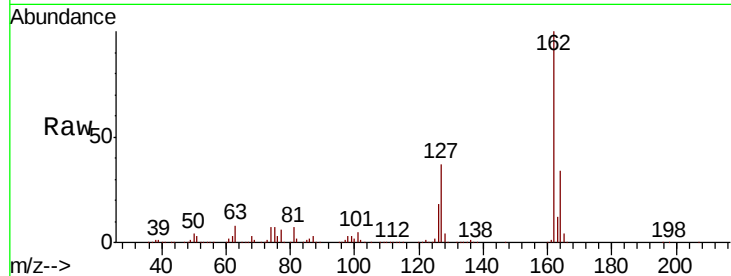




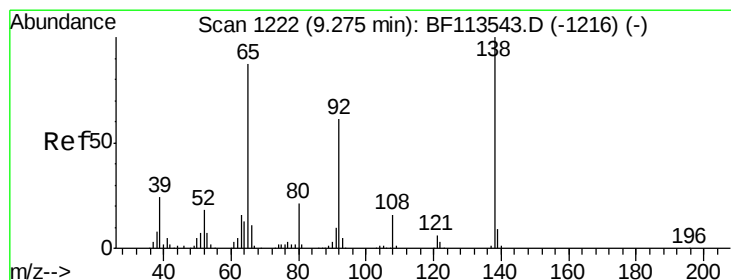
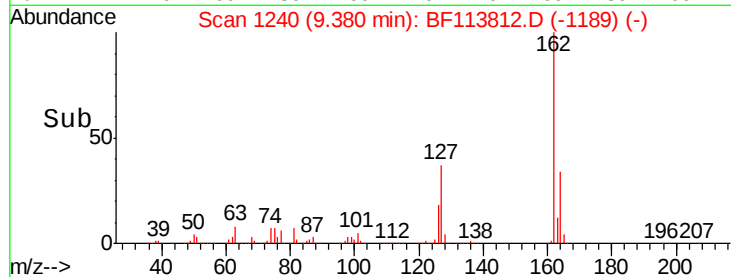
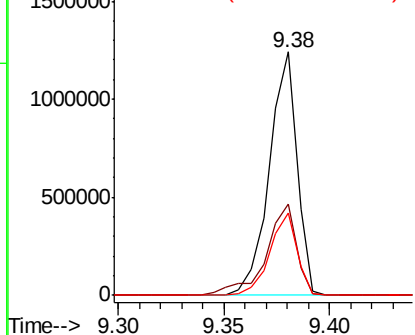
#47
 2-Chloronaphthalene
 Concen: 48.931 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1134166
 Ion Ratio Lower Upper
 162 100
 127 37.3 29.3 43.9
 164 33.9 27.1 40.7

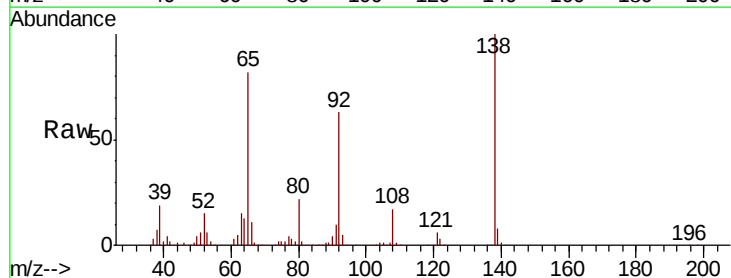


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

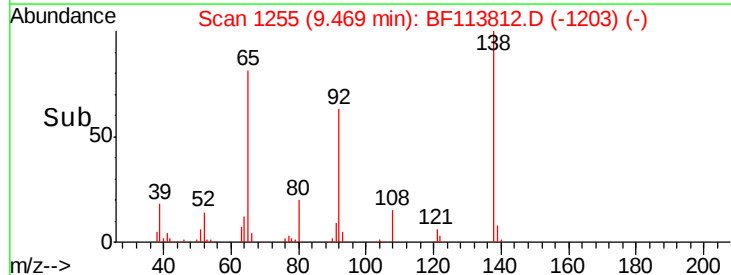
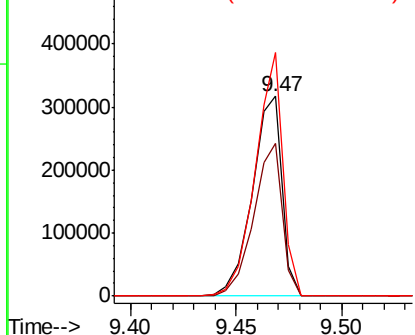


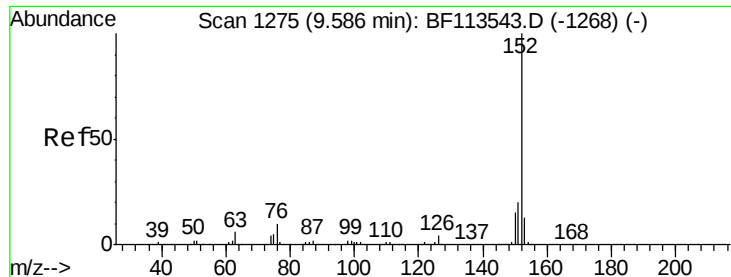
#48
 2-Nitroaniline
 Concen: 43.750 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion: 65 Resp: 310300
 Ion Ratio Lower Upper
 65 100
 92 76.4 57.4 86.0
 138 121.9 85.4 128.0



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





#49

Acenaphthylene

Concen: 46.521 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

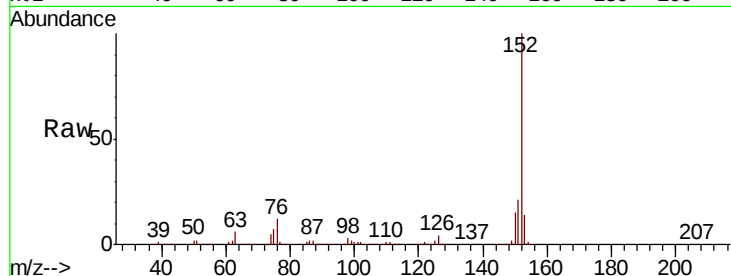
Tot Ion:152 Resp: 1753452

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

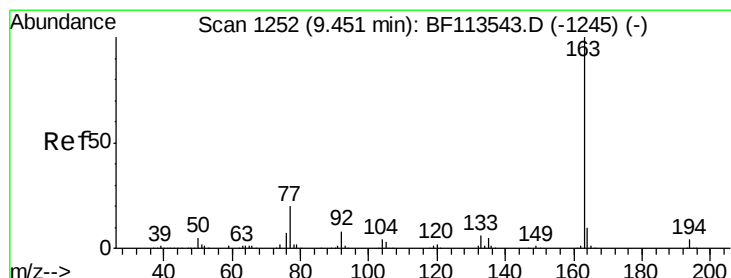
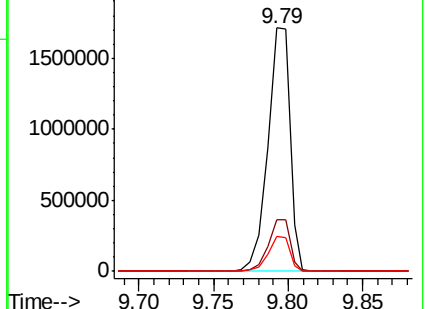
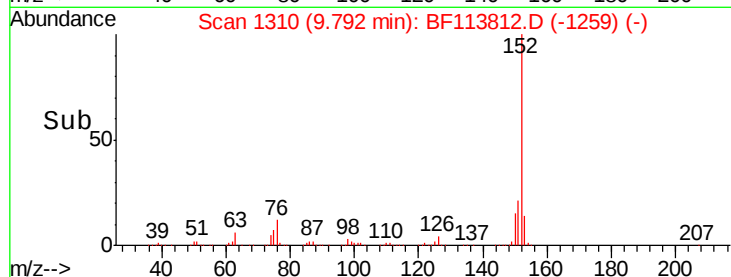
153 14.4 11.0 16.6



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: 46.681 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

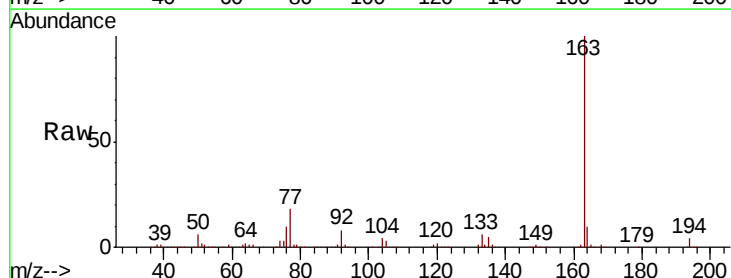
Tgt Ion:163 Resp: 1276594

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

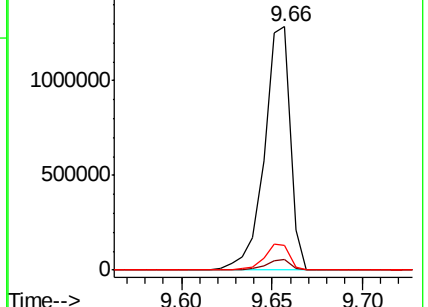
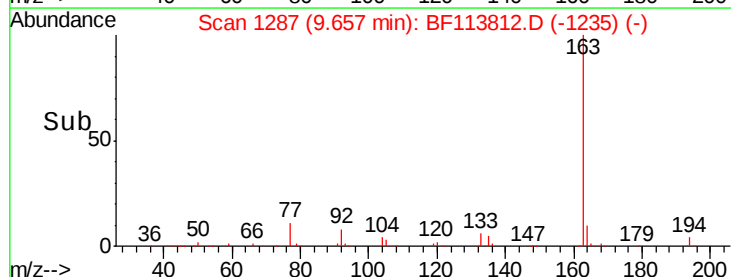
164 10.1 8.5 12.7

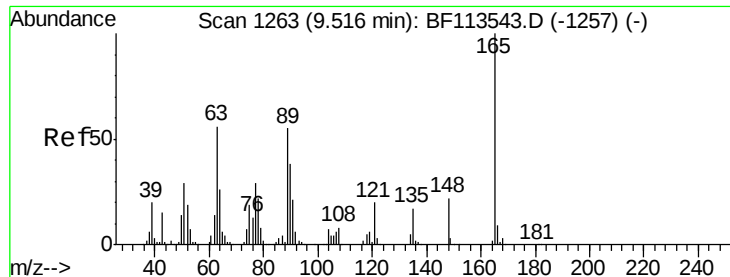


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

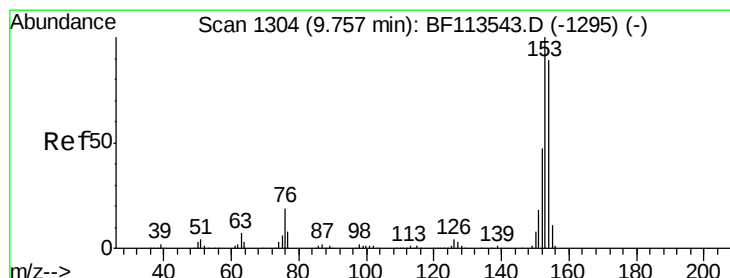
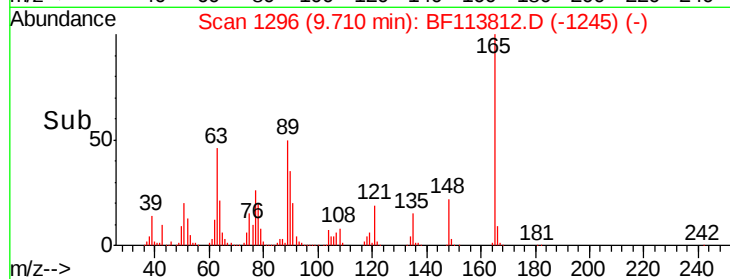
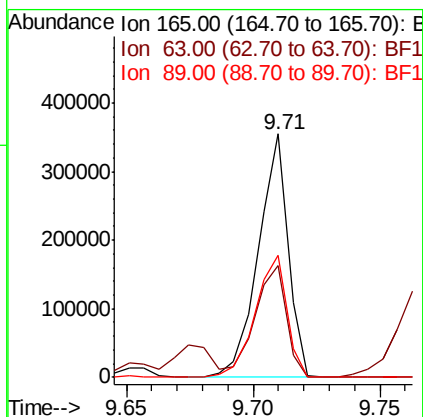
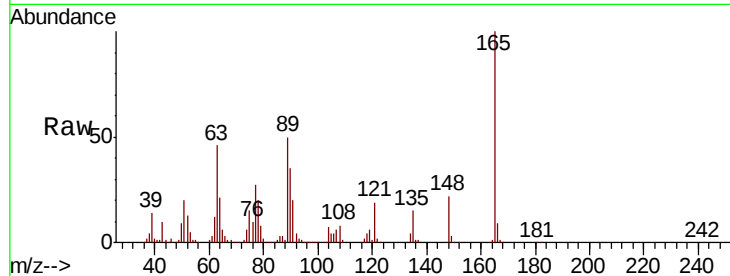




#51
 2,6-Dinitrotoluene
 Concen: 48.603 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

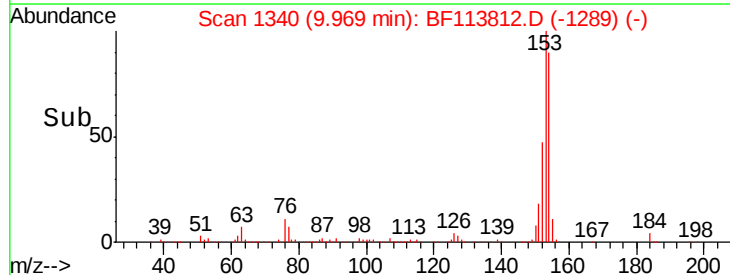
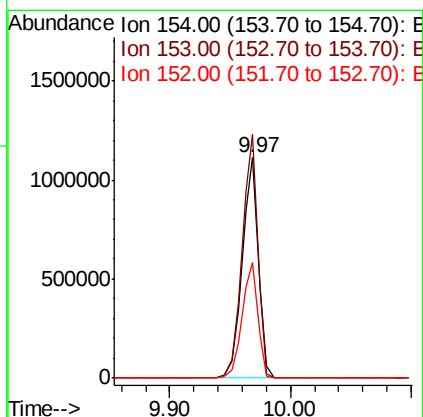
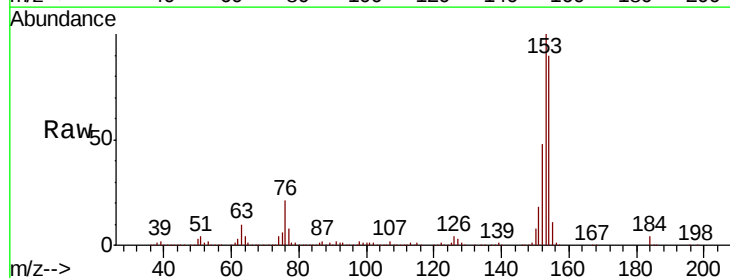
Instrument :
 BNA_F
 ClientSampleId :

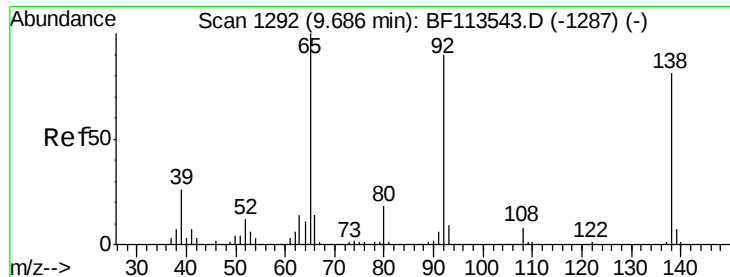
Tot Ion:165 Resp: 292983
 Ion Ratio Lower Upper
 165 100
 63 45.8 33.8 50.8
 89 50.2 38.2 57.2



#52
 Acenaphthene
 Concen: 47.876 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion:154 Resp: 1032964
 Ion Ratio Lower Upper
 154 100
 153 110.7 87.2 130.8
 152 52.7 42.3 63.5

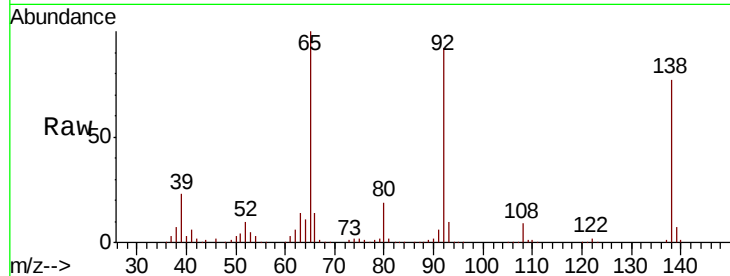




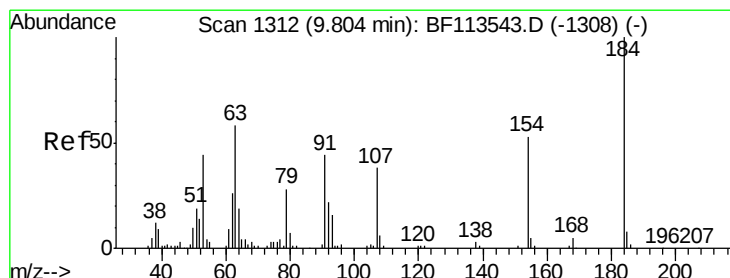
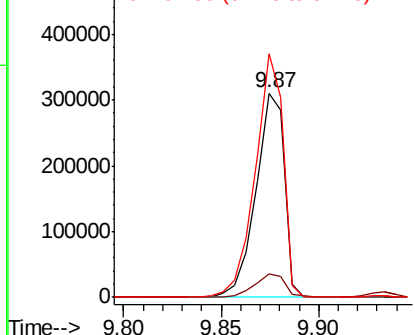
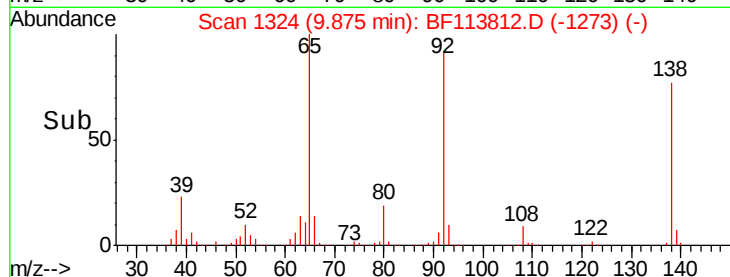
#53
3-Nitroaniline
Concen: 45.706 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 313248
Ion Ratio Lower Upper
138 100
108 11.6 9.4 14.2
92 119.4 94.1 141.1

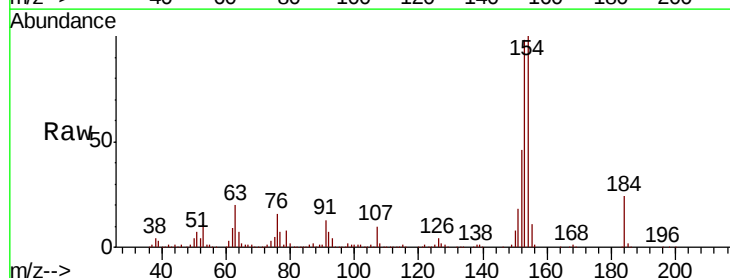


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

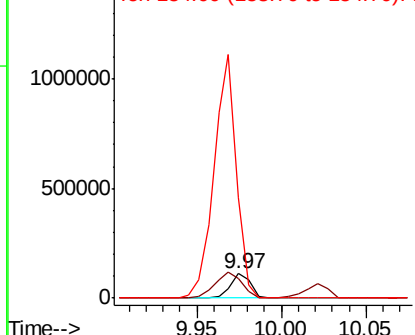
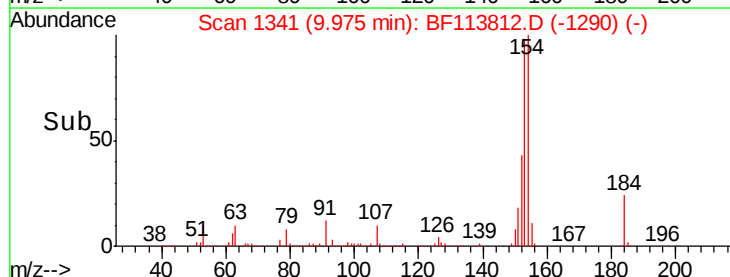


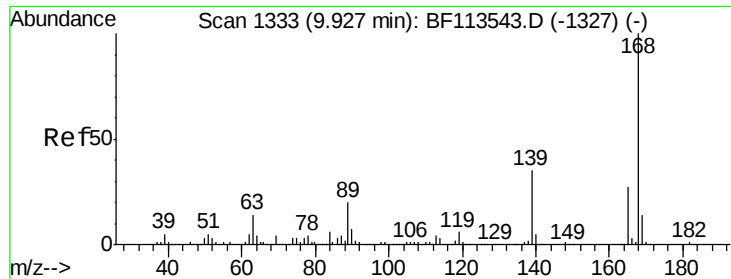
#54
2,4-Dinitrophenol
Concen: 32.868 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:184 Resp: 92694
Ion Ratio Lower Upper
184 100
63 82.0 54.6 81.8#
154 408.5 218.6 328.0#



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

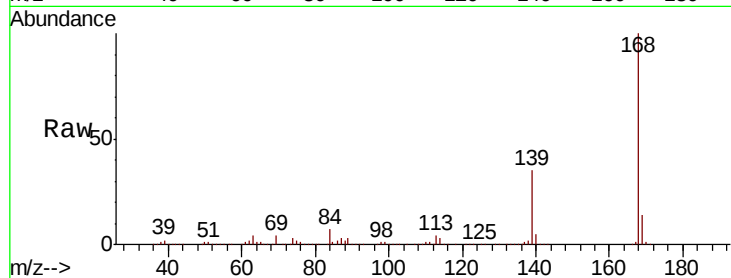




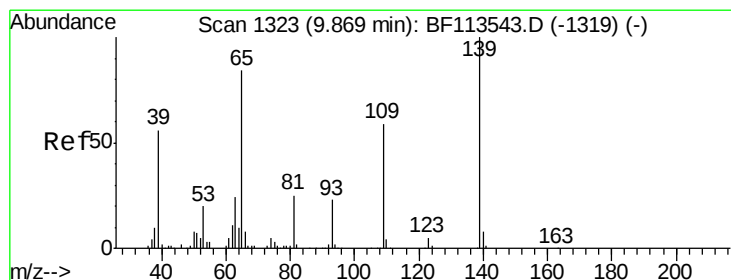
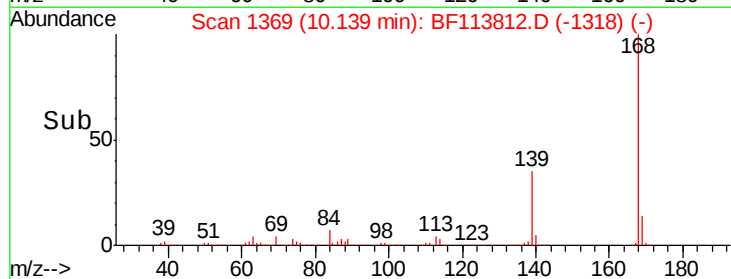
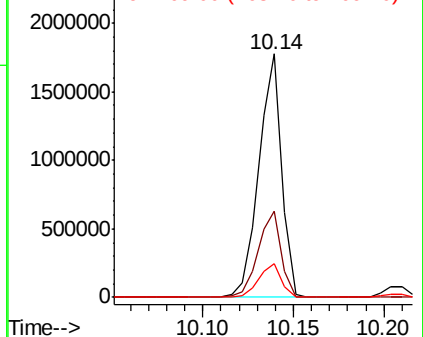
#55
Dibenzofuran
Concen: 48.961 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1549585
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.6
169 13.8 11.0 16.6

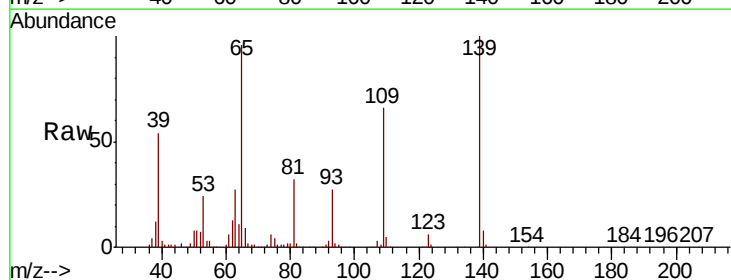


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

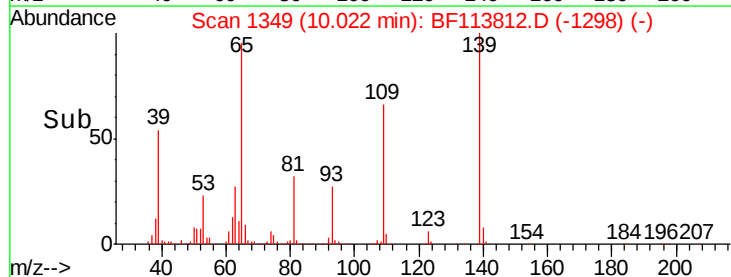
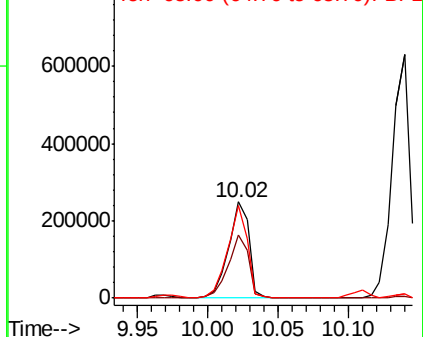


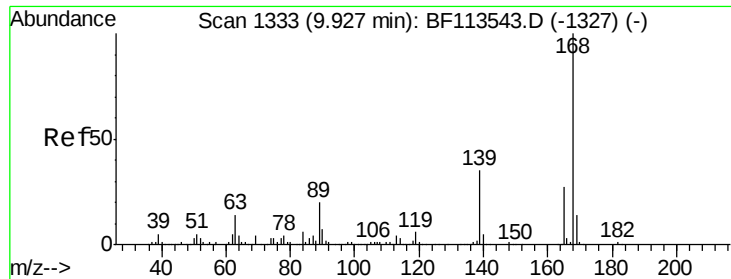
#56
4-Nitrophenol
Concen: 59.555 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:139 Resp: 253196
Ion Ratio Lower Upper
139 100
109 65.7 42.9 82.9
65 95.8 64.4 104.4



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

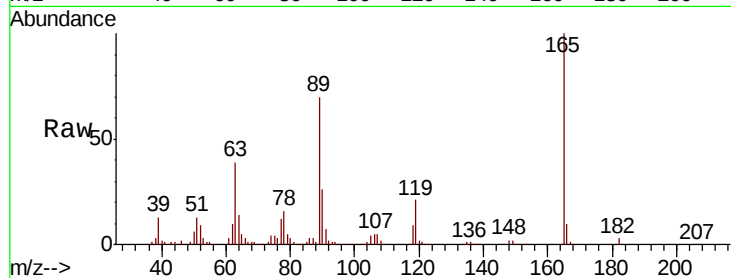




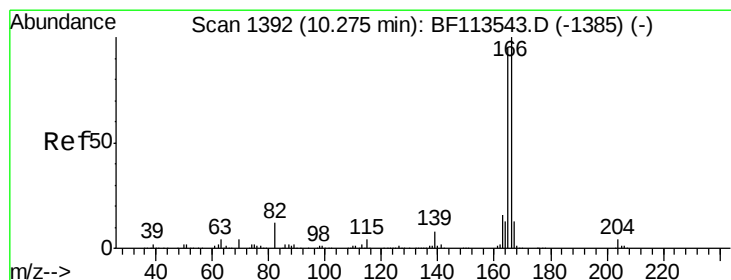
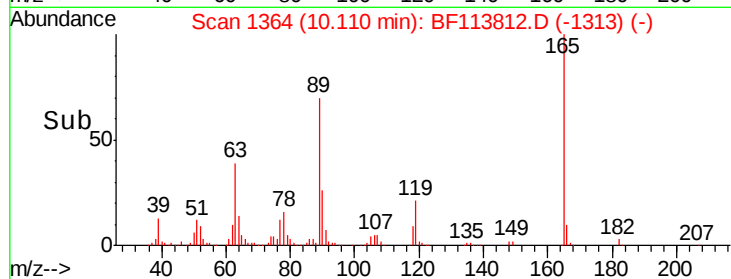
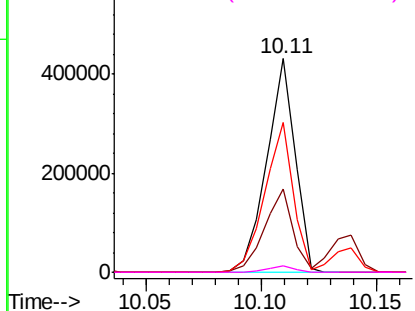
#57
 2,4-Dinitrotoluene
 Concen: 50.557 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	368586
Ion	Ratio	Lower	Upper
165	100		
63	38.9	27.4	41.0
89	70.1	51.8	77.6
182	2.7	2.2	3.2

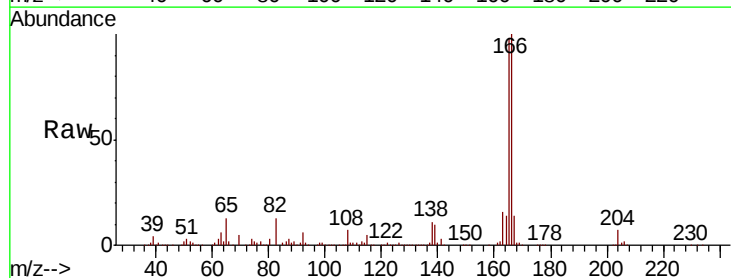


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

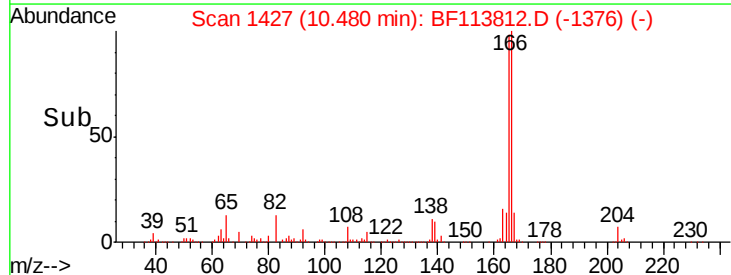
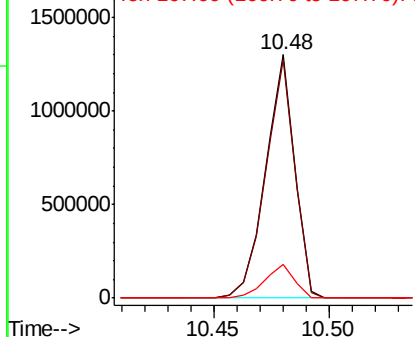


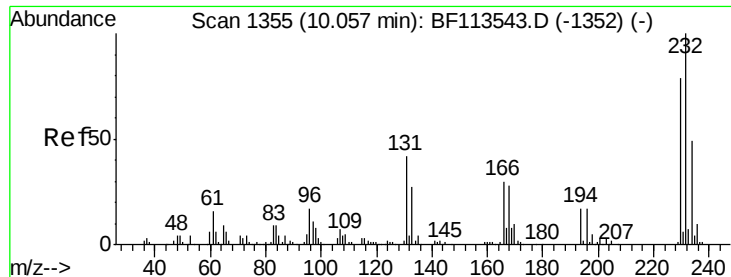
#58
 Fluorene
 Concen: 45.633 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion:	166	Resp:	1142302
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	13.8	10.9	16.3



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

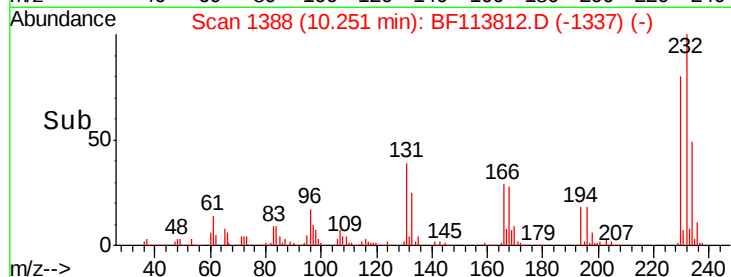
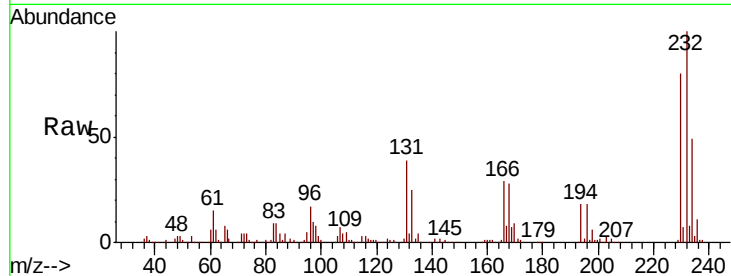




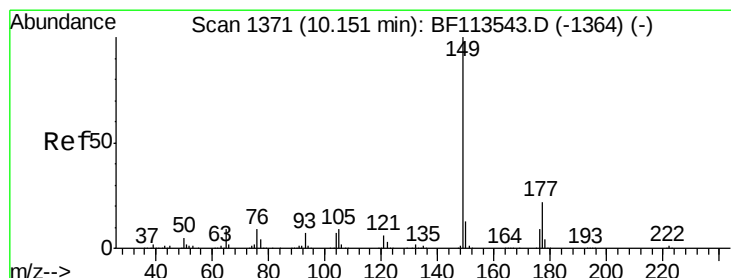
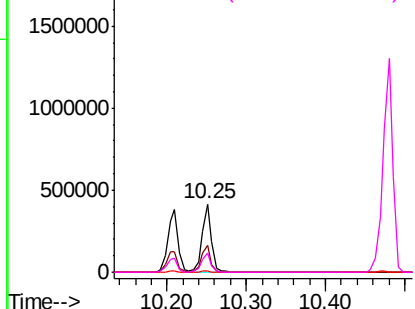
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.825 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	350671
Ion	Ratio	Lower	Upper
232	100		
131	38.9	30.2	45.2
130	1.9	1.5	2.3
166	27.6	22.2	33.4

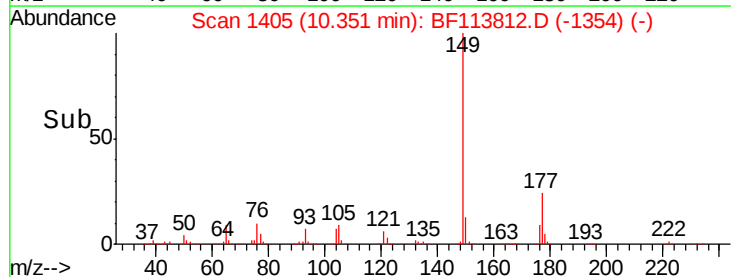
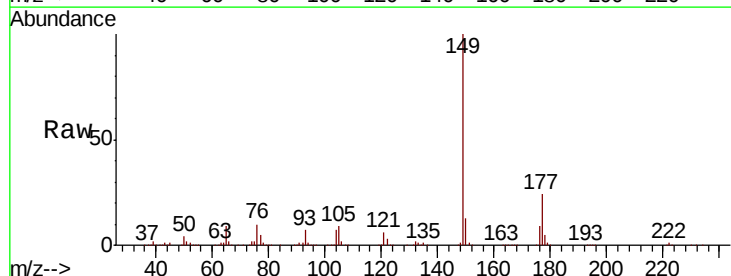


Abundance Ion 232.00 (231.70 to 232.70): E
 2000000 Ion 131.00 (130.70 to 131.70): E
 1500000 Ion 130.00 (129.70 to 130.70): E
 1000000 Ion 166.00 (165.70 to 166.70): E
 500000

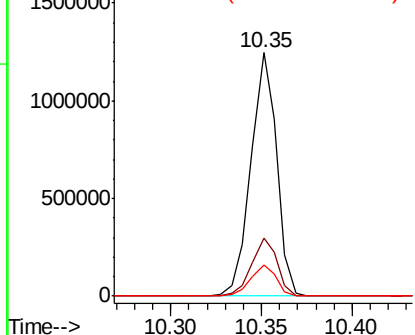


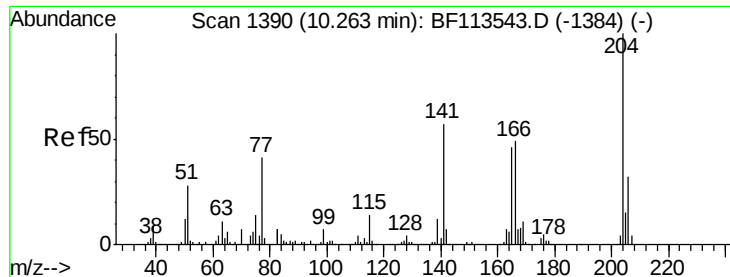
#60
 Diethylphthalate
 Concen: 46.660 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion:	149	Resp:	1230252
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.2	28.8
150	12.8	10.3	15.5



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

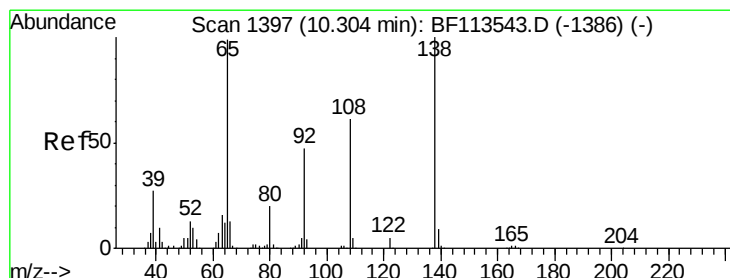
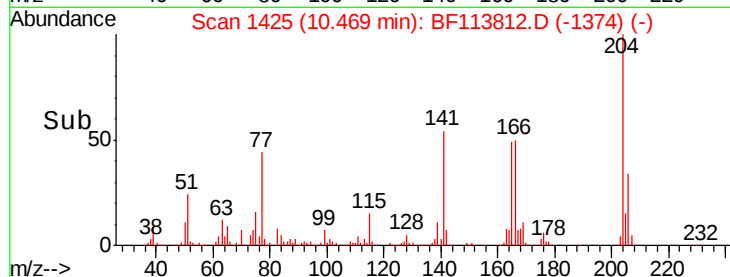
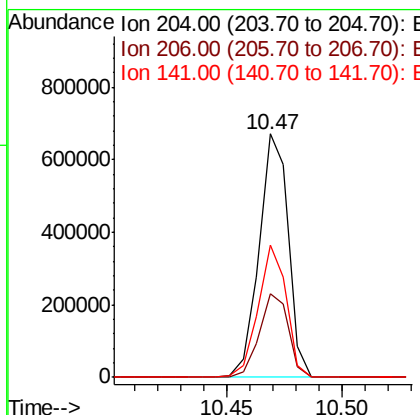
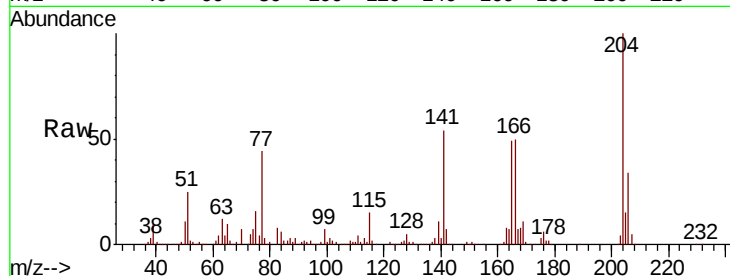




#61
 4-Chlorophenyl-phenylether
 Concen: 48.012 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

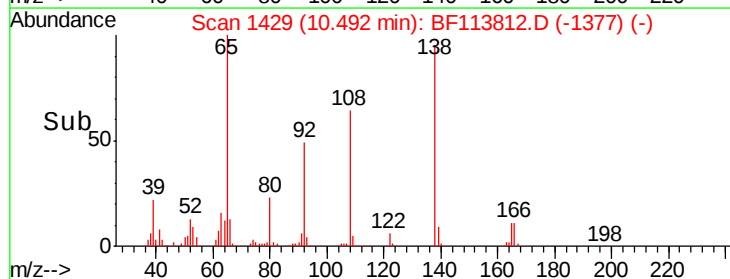
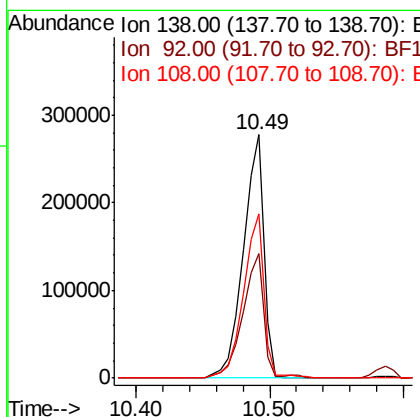
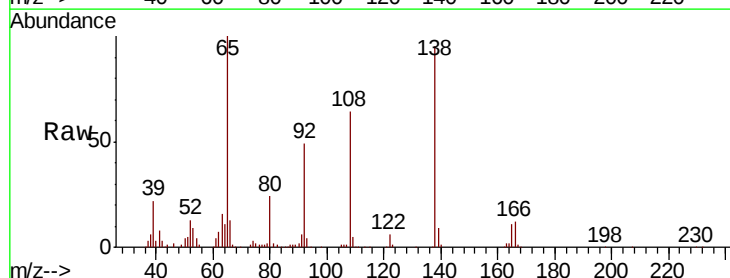
Instrument :
 BNA_F
 ClientSampled :

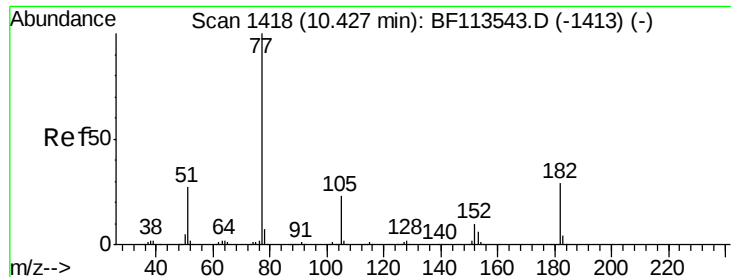
Tot Ion:204 Resp: 591147
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.4 41.2
 141 54.2 42.6 63.8



#62
 4-Nitroaniline
 Concen: 42.164 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion:138 Resp: 293852
 Ion Ratio Lower Upper
 138 100
 92 51.2 31.3 71.3
 108 67.5 48.9 88.9





#63

Azobenzene

Concen: 50.322 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1256296

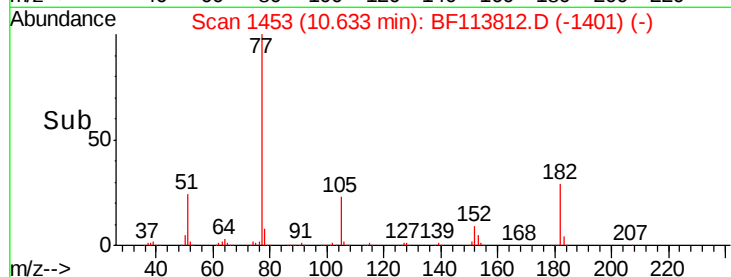
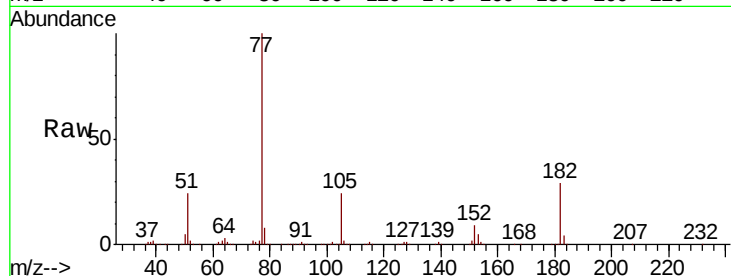
Ion	Ratio	Lower	Upper
77	100		
182	29.4	4.4	44.4
105	23.6	2.2	42.2
51	23.5	3.9	43.9

77 100

182 29.4 4.4 44.4

105 23.6 2.2 42.2

51 23.5 3.9 43.9



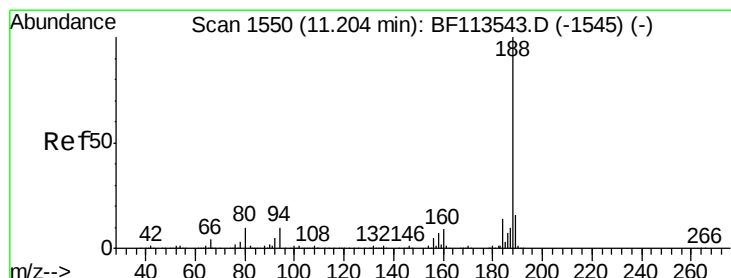
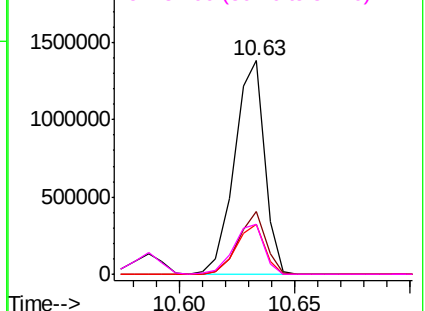
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

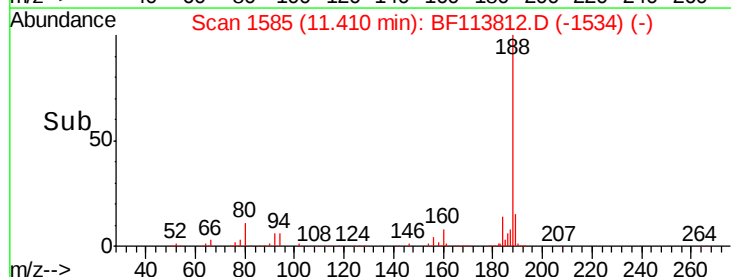
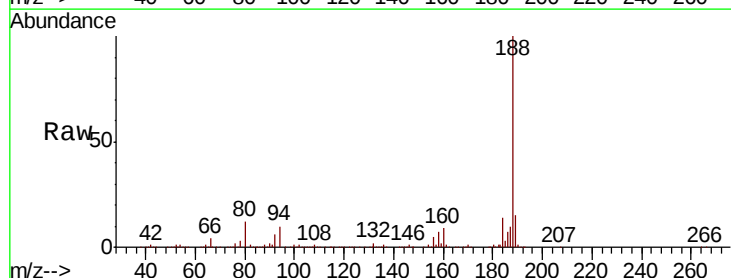
Tgt Ion: 188 Resp: 707804

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	11.6	9.0	13.6

188 100

94 10.4 8.2 12.4

80 11.6 9.0 13.6

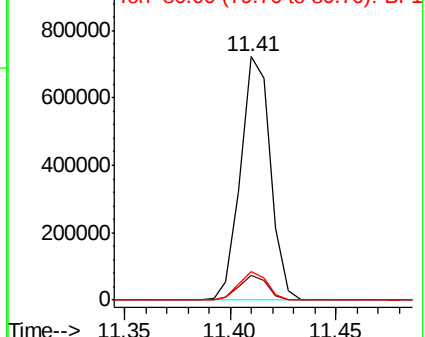


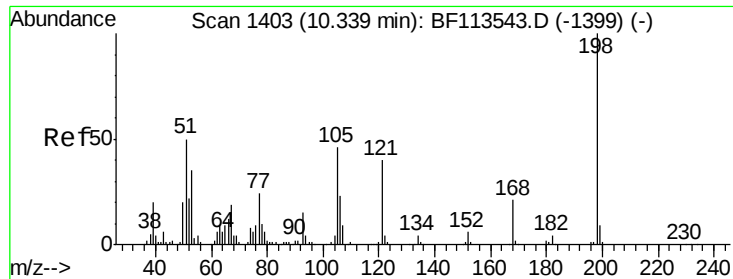
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

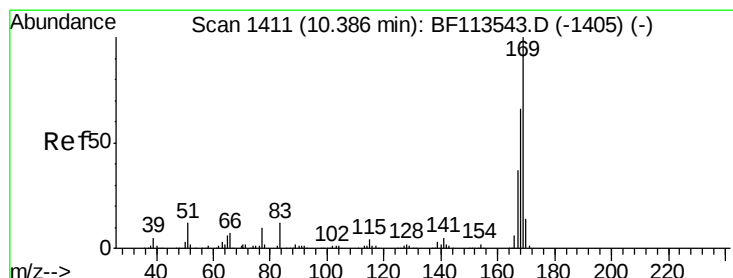
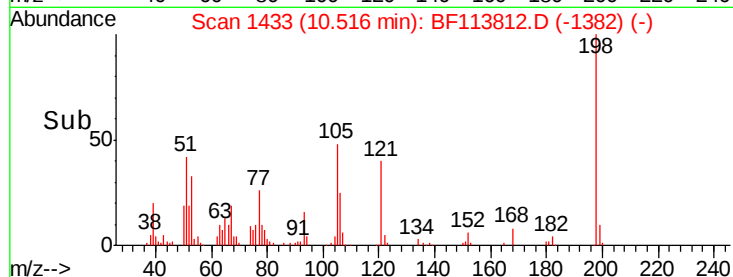
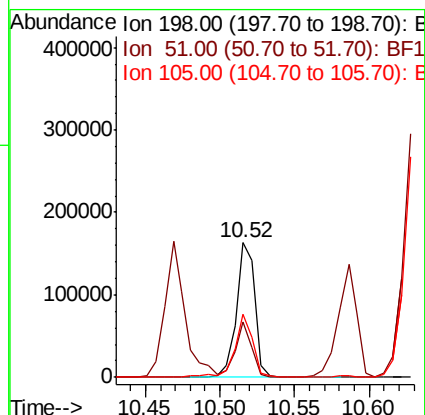
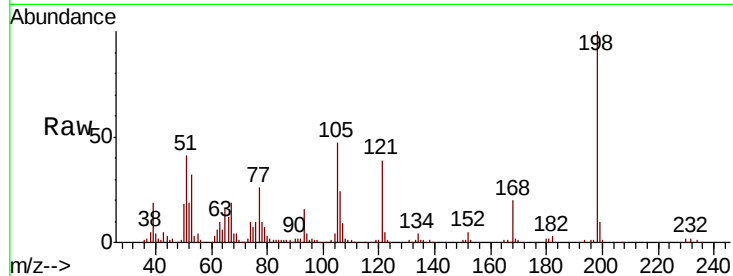




#65
4,6-Dinitro-2-methylphenol
Concen: 38.395 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

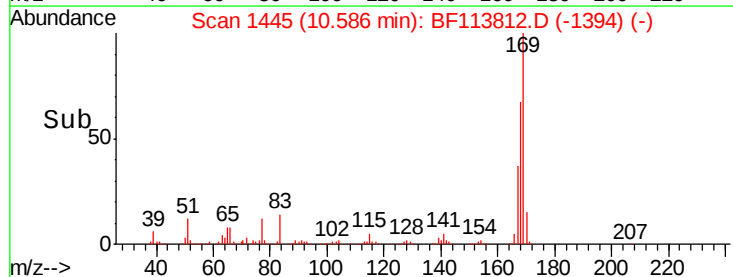
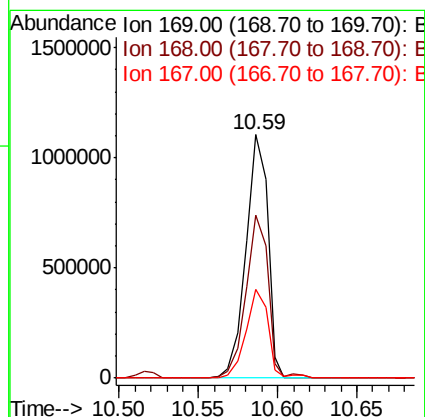
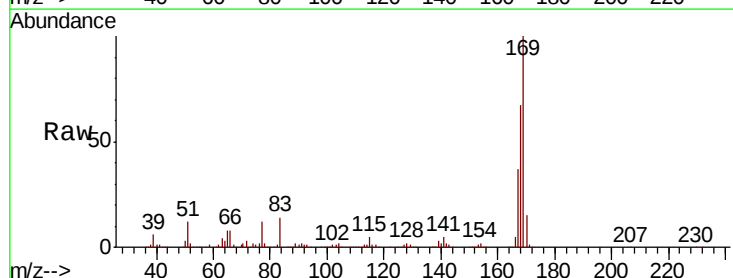
Instrument :
BNA_F
ClientSampleId :

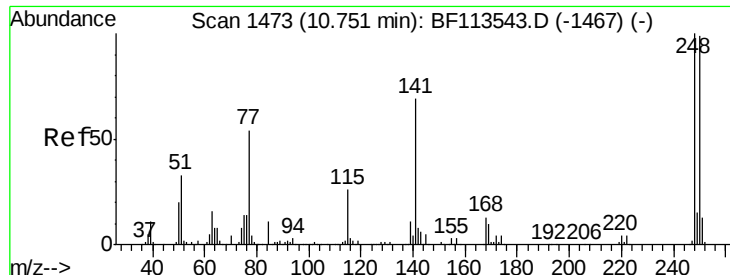
Tot Ion:198 Resp: 143069
Ion Ratio Lower Upper
198 100
51 41.3 11.1 51.1
105 46.8 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 48.746 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:169 Resp: 1059214
Ion Ratio Lower Upper
169 100
168 67.2 54.3 81.5
167 36.5 29.4 44.0

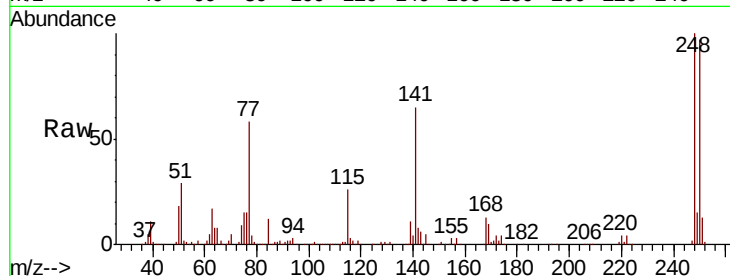




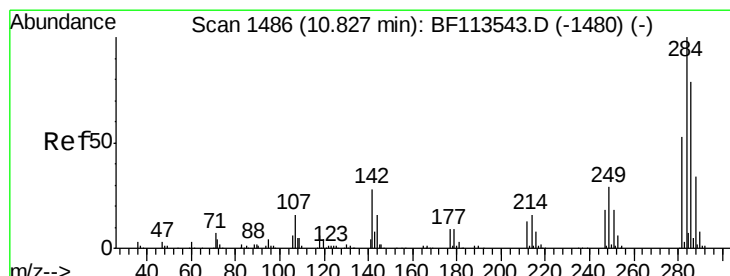
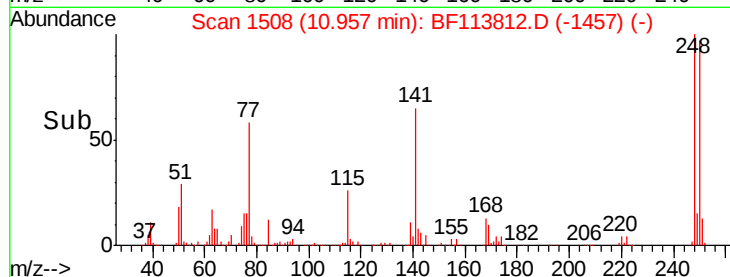
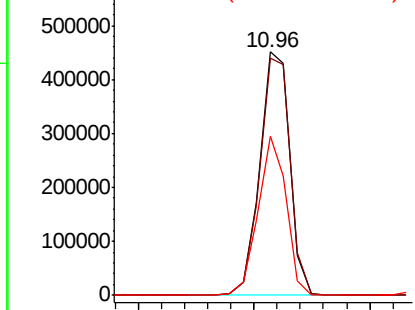
#67
 4-Bromophenyl-phenylether
 Concen: 51.617 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 409749
 Ion Ratio Lower Upper
 248 100
 250 97.4 75.8 113.6
 141 65.4 50.2 75.4

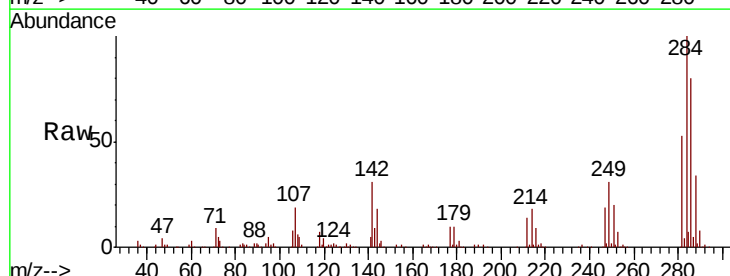


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

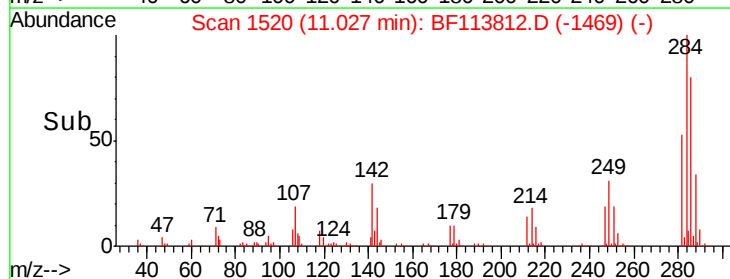
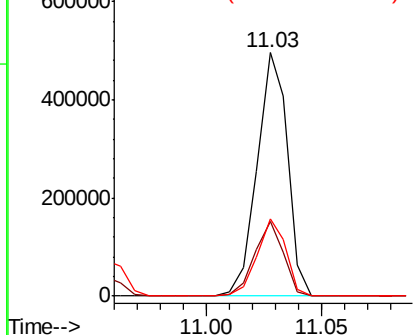


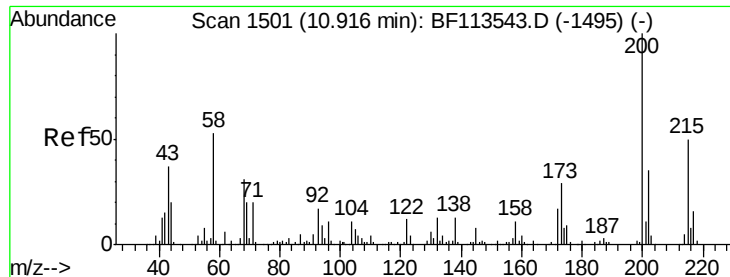
#68
 Hexachlorobenzene
 Concen: 50.048 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion:284 Resp: 455234
 Ion Ratio Lower Upper
 284 100
 142 30.5 23.0 34.4
 249 31.5 24.4 36.6



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

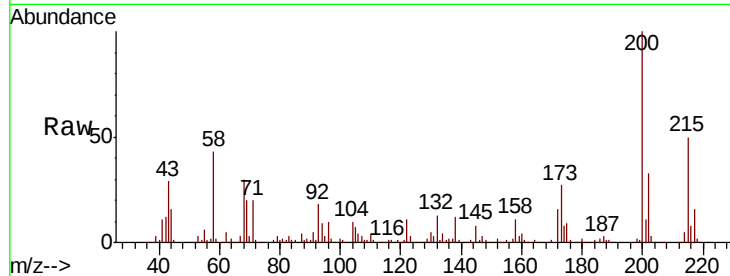




#69
Atrazine
Concen: 48.409 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	5.9	45.9
215	50.1	29.3	69.3

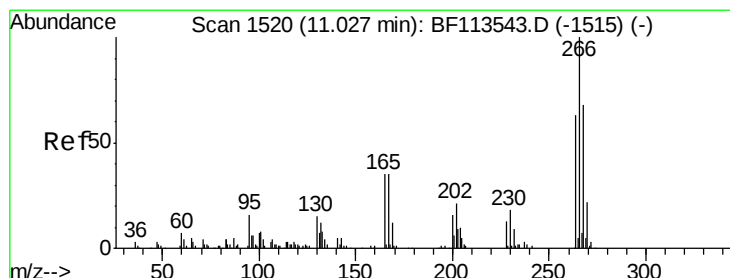
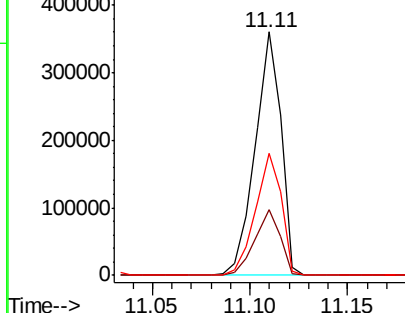
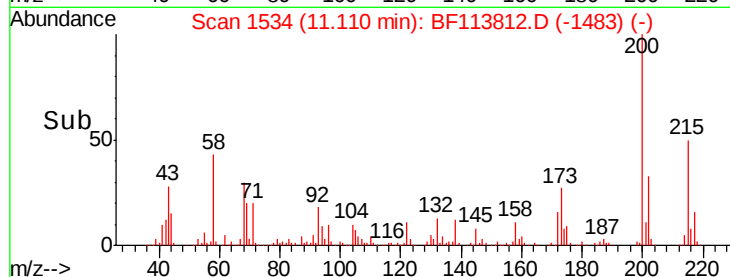


Abundance

Ion 200.00 (199.70 to 200.70): E

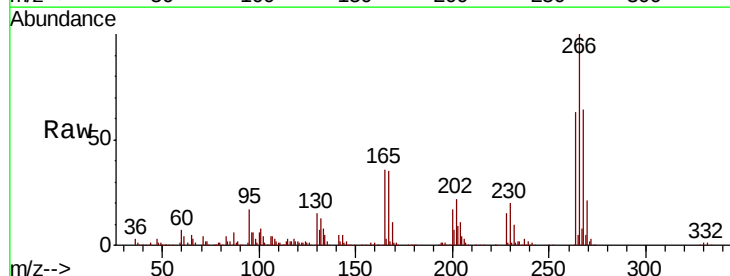
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 61.695 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	53.5	80.3
264	63.1	51.0	76.6

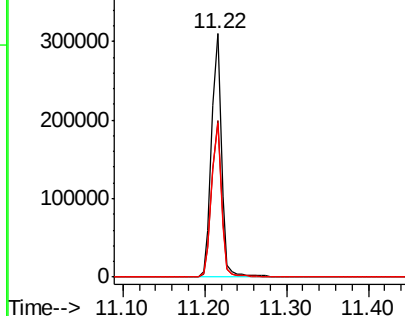
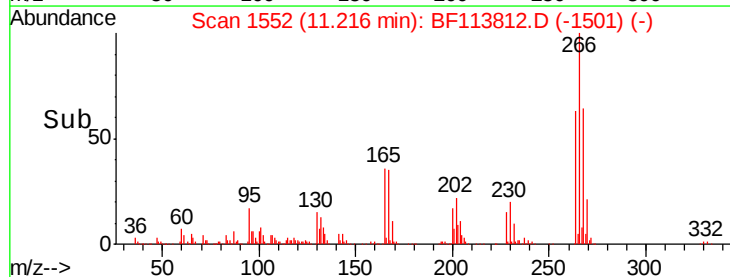


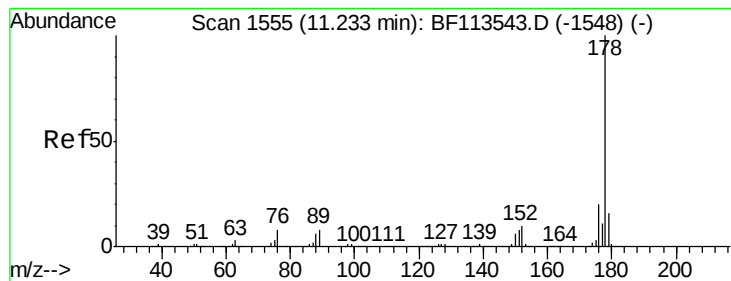
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.499 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampled :

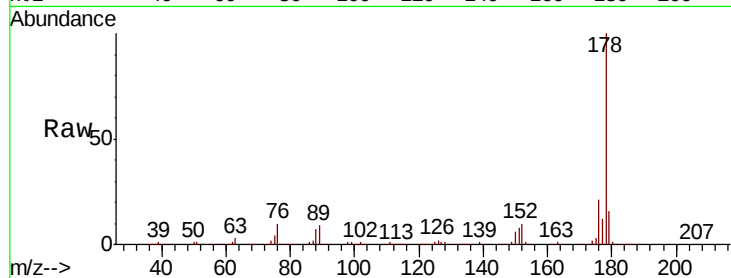
Tot Ion:178 Resp: 1776124

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

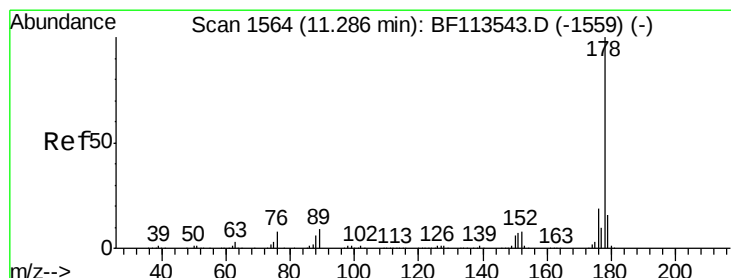
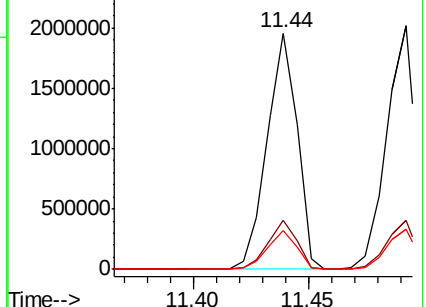
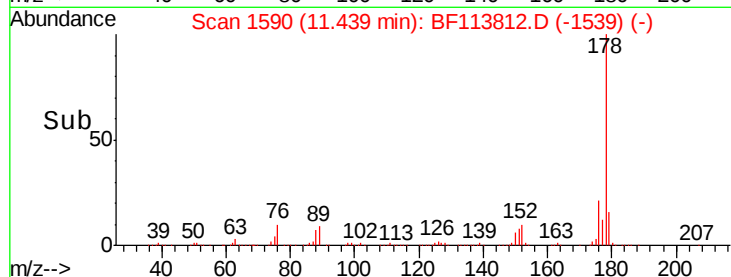
179 16.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.604 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

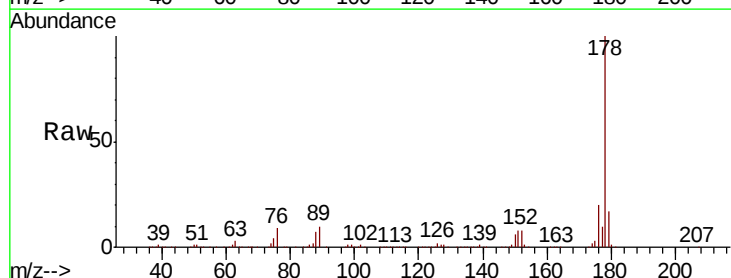
Tgt Ion:178 Resp: 1775031

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

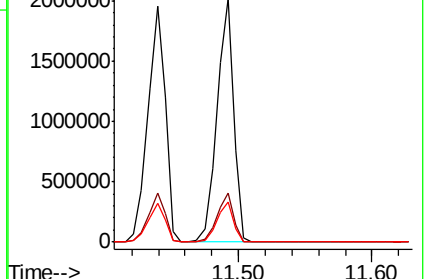
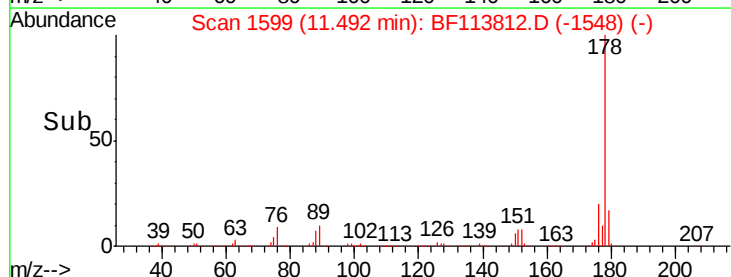
179 16.6 13.0 19.4

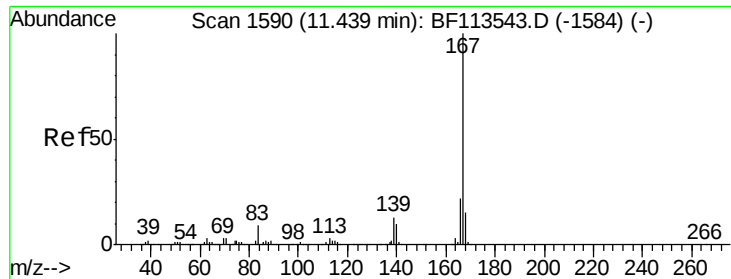


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

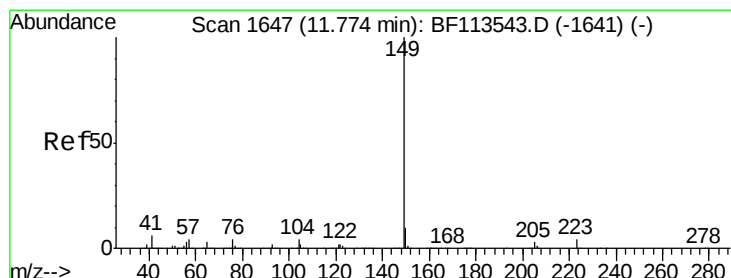
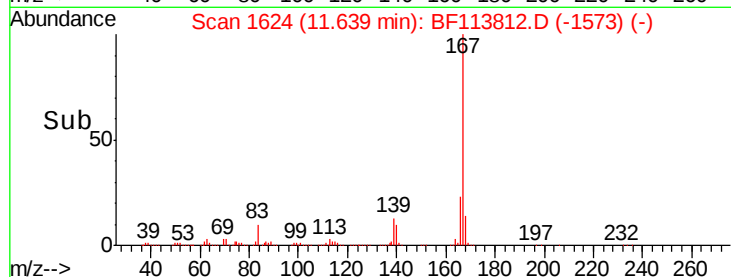
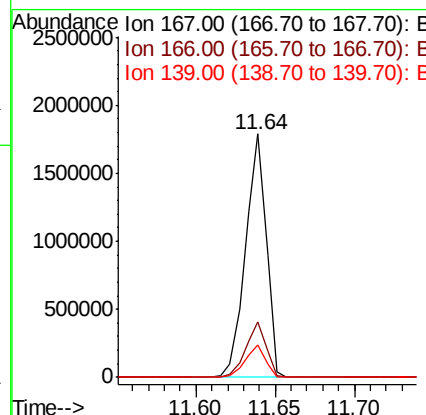
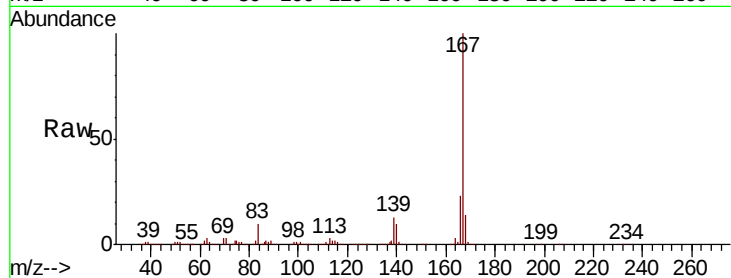




#73
 Carbazole
 Concen: 48.107 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

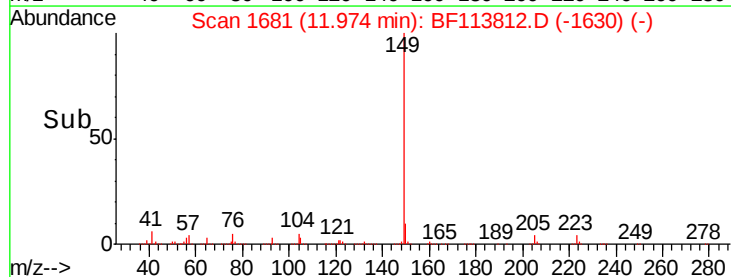
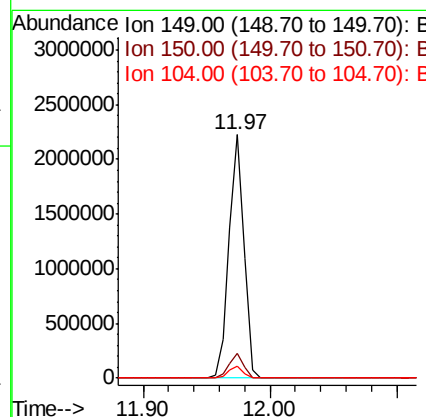
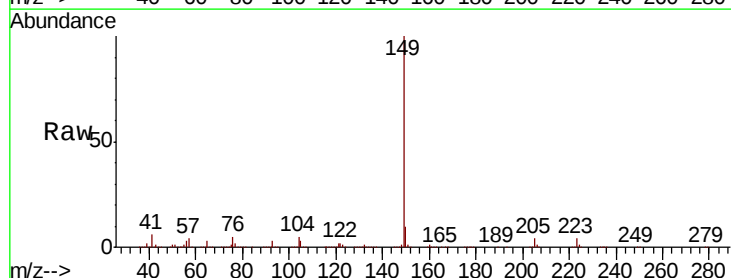
Instrument :
 BNA_F
 ClientSampled :

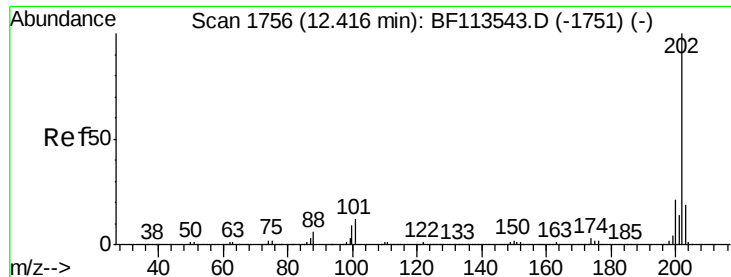
Tot Ion:167 Resp: 1610065
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 45.840 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

Tgt Ion:149 Resp: 1825036
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.0 3.8 5.8



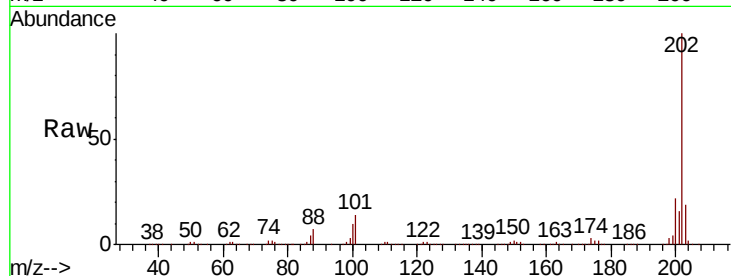


#75
 Fluoranthene
 Concen: 49.288 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

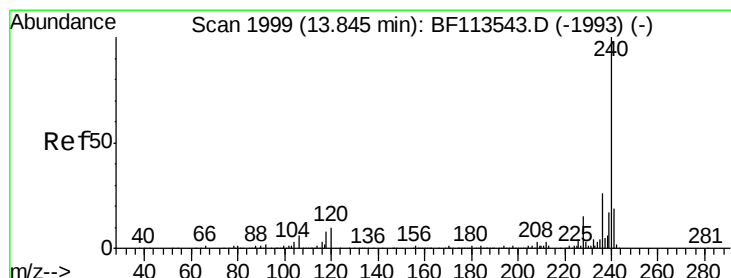
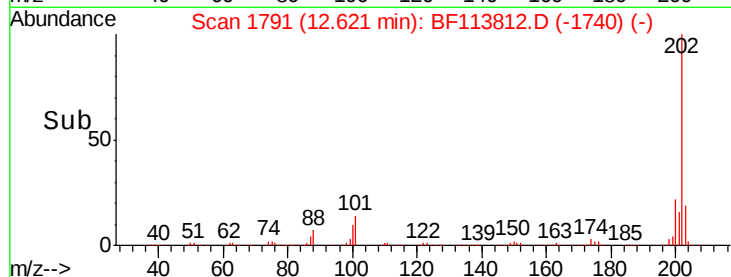
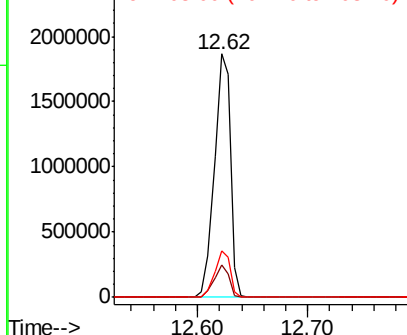
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1857606

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.9
203	19.0	0.0	38.2



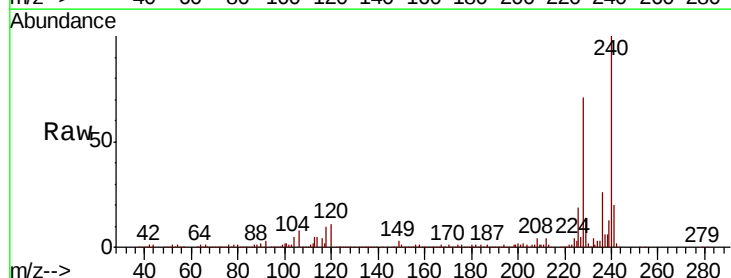
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



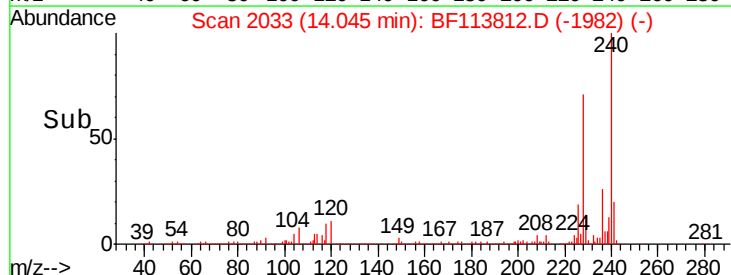
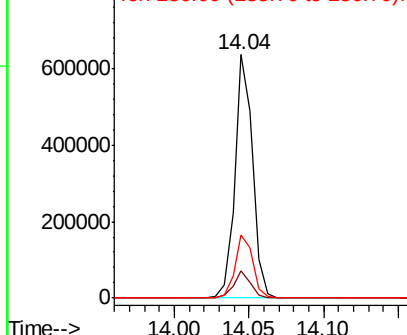
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF113812.D
 Acq: 18 Apr 2019 9:33

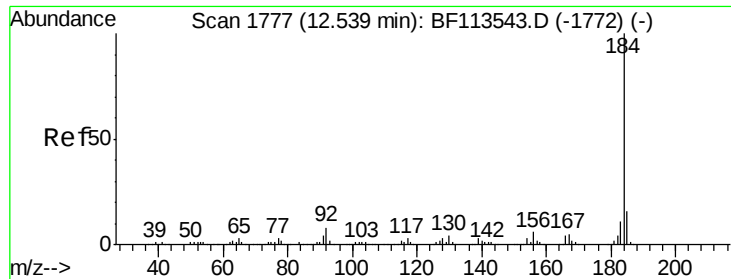
Tgt Ion:240 Resp: 531849

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.3	13.9
236	25.8	21.2	31.8



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





#77

Benzidine

Concen: 36.700 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

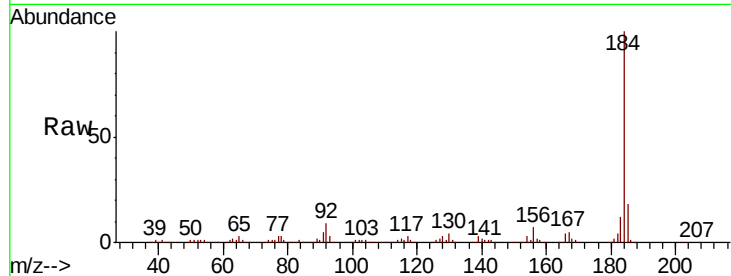
Tot Ion:184 Resp: 725834

Ion Ratio Lower Upper

184 100

185 17.5 13.0 19.6

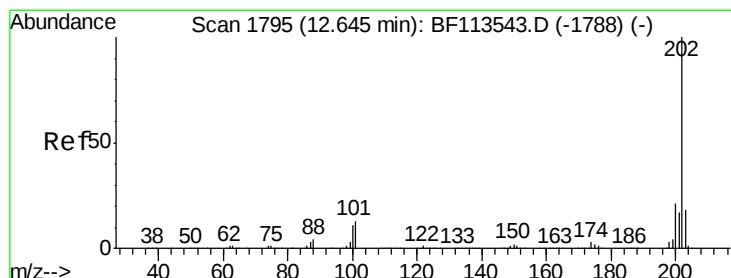
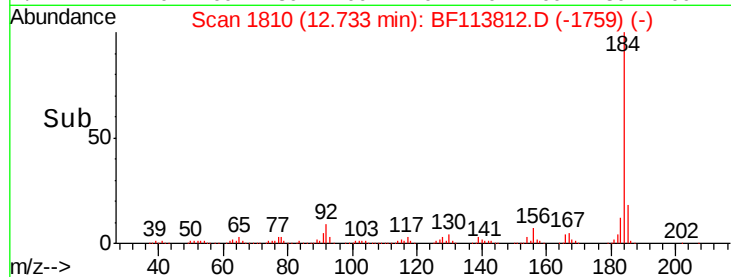
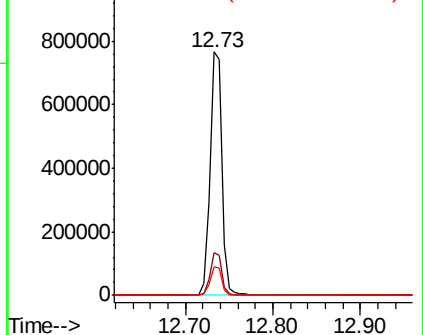
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.502 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

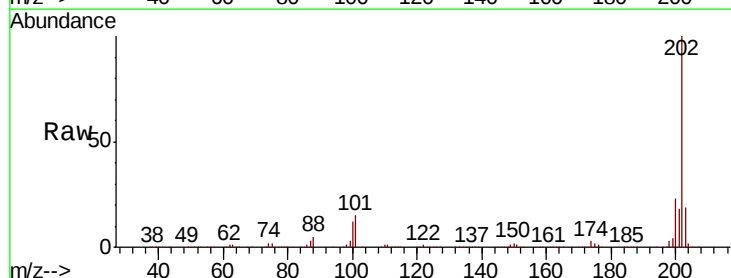
Tgt Ion:202 Resp: 1881820

Ion Ratio Lower Upper

202 100

200 22.8 17.7 26.5

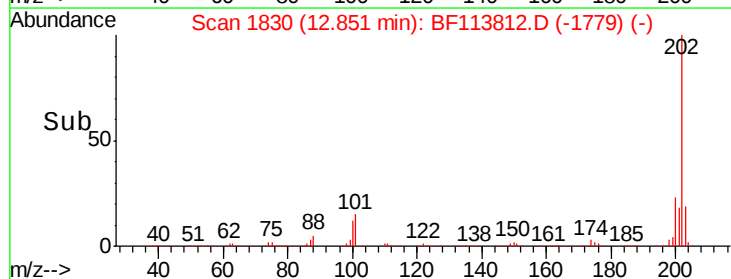
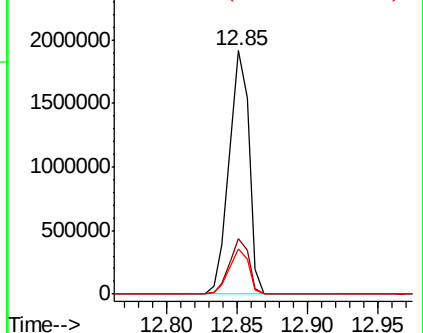
203 18.8 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.376 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

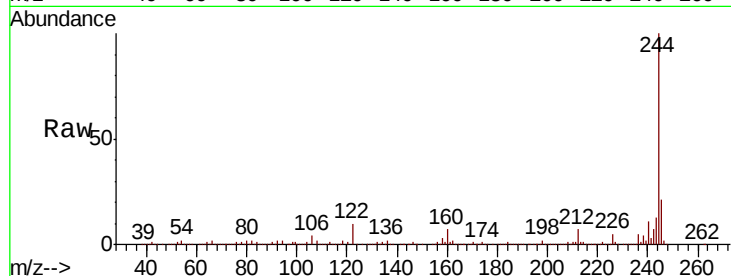
Tot Ion:244 Resp: 2517537

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

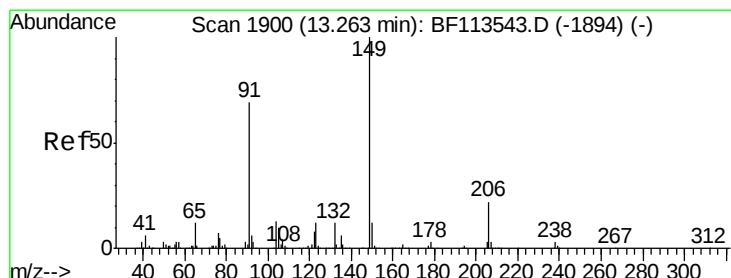
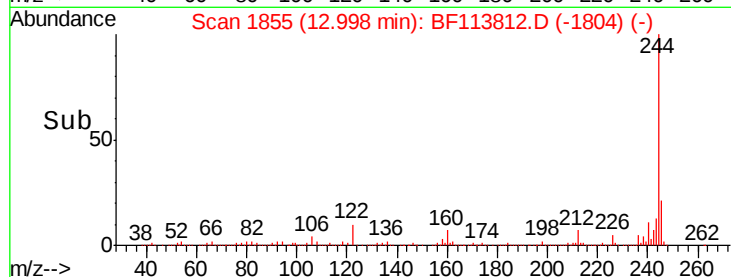
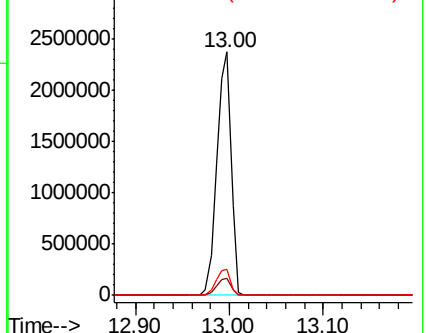
122 10.4 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.879 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

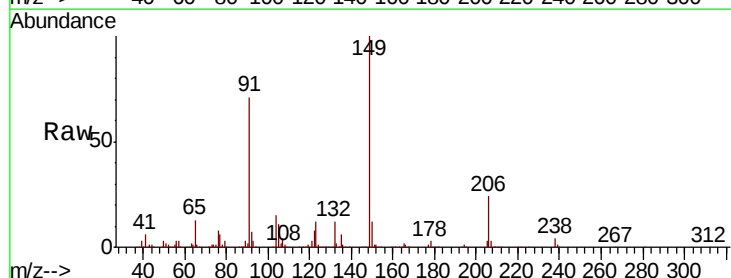
Tgt Ion:149 Resp: 706343

Ion Ratio Lower Upper

149 100

91 70.5 56.3 84.5

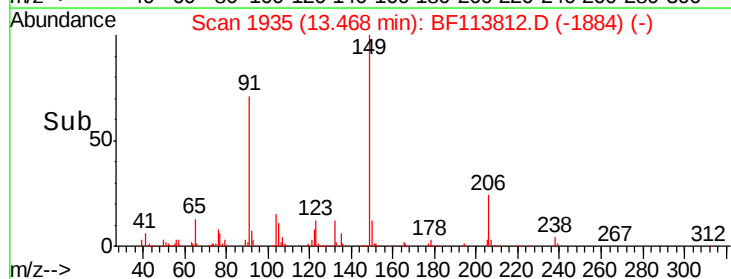
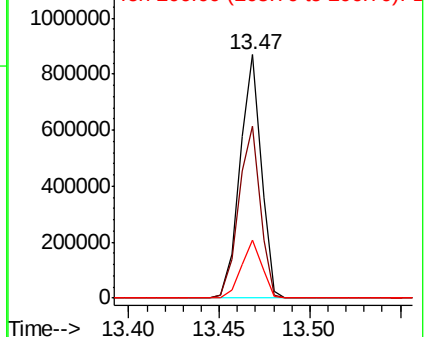
206 24.1 19.0 28.6

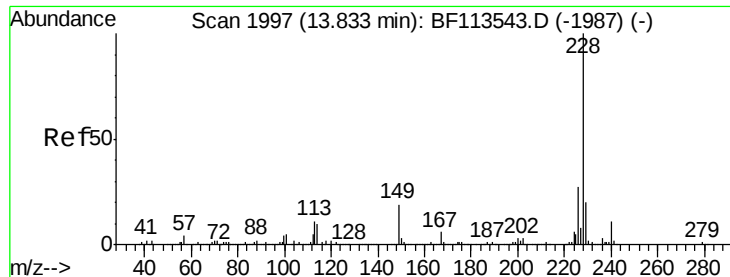


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.767 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

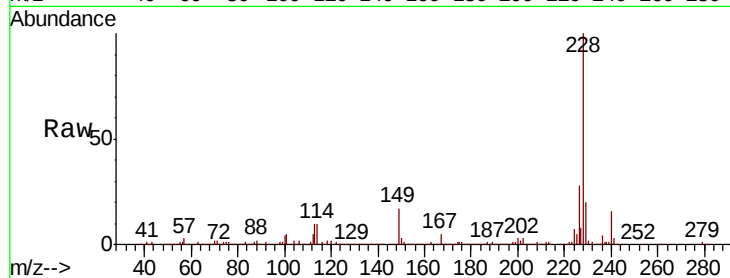
Tot Ion:228 Resp: 1526861

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.2	16.0	24.0

228 100

226 27.8 22.2 33.2

229 20.2 16.0 24.0

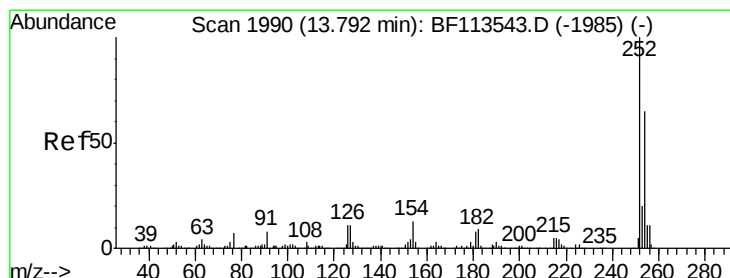
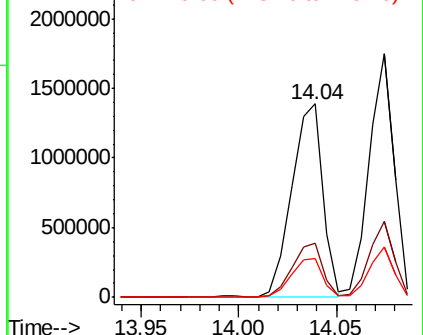
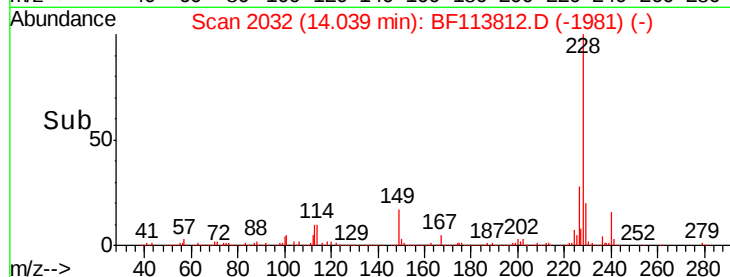


Abundance

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: 46.545 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

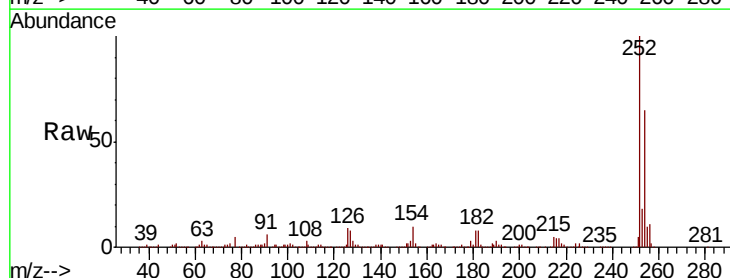
Tgt Ion:252 Resp: 550020

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	9.2	9.3	13.9#

252 100

254 65.2 52.1 78.1

126 9.2 9.3 13.9#

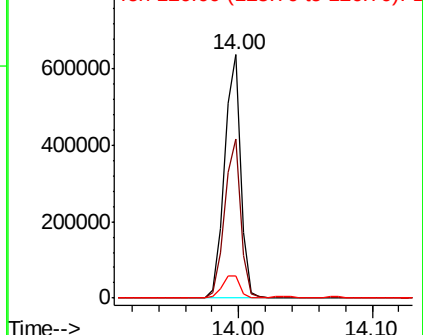
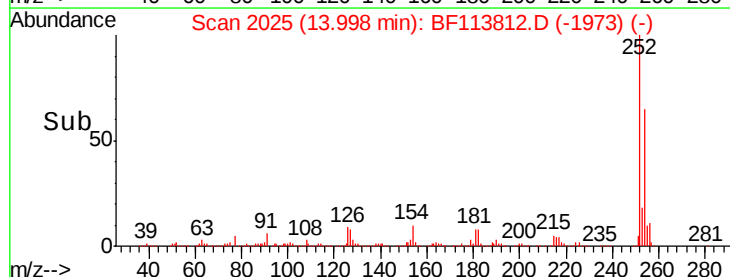


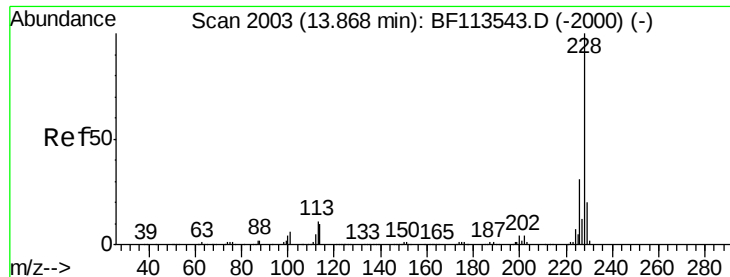
Abundance

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: 49.662 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

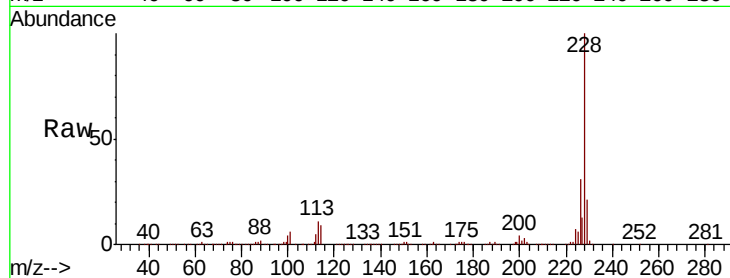
Tot Ion:228 Resp: 1544517

Ion Ratio Lower Upper

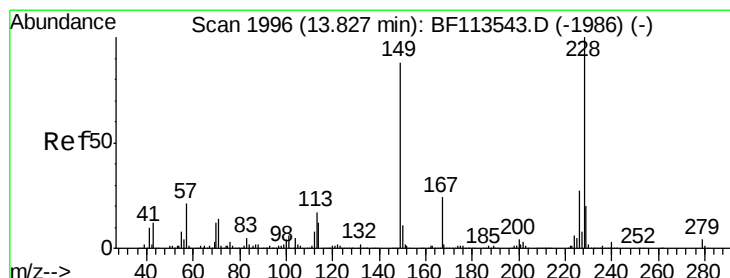
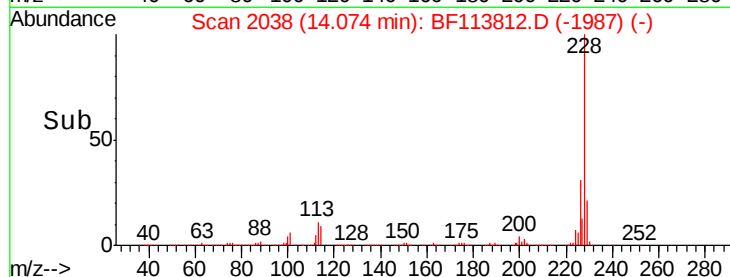
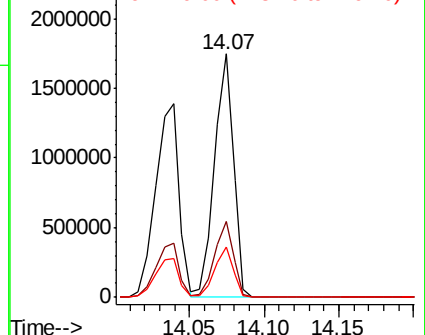
228 100

226 31.3 25.2 37.8

229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.439 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

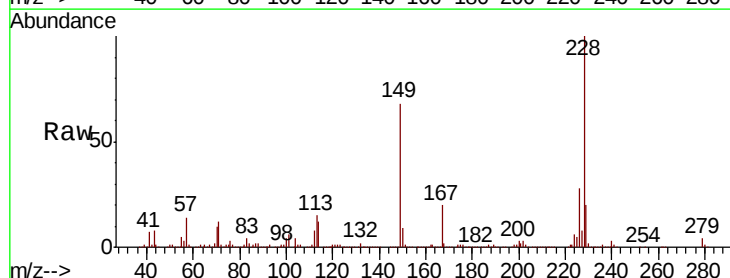
Tgt Ion:149 Resp: 825318

Ion Ratio Lower Upper

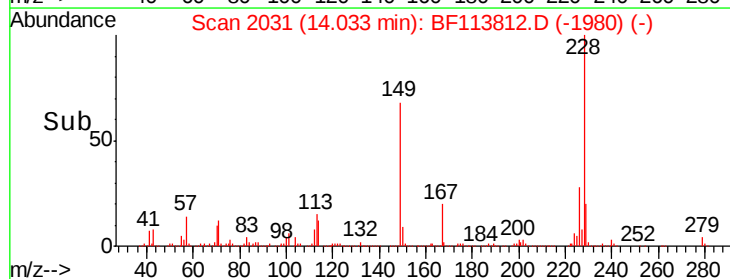
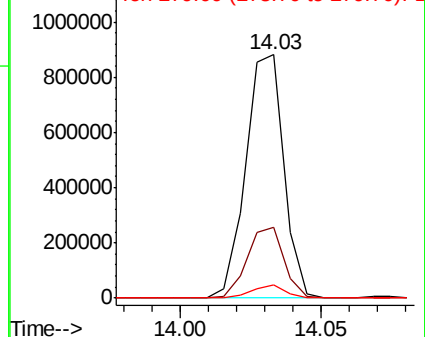
149 100

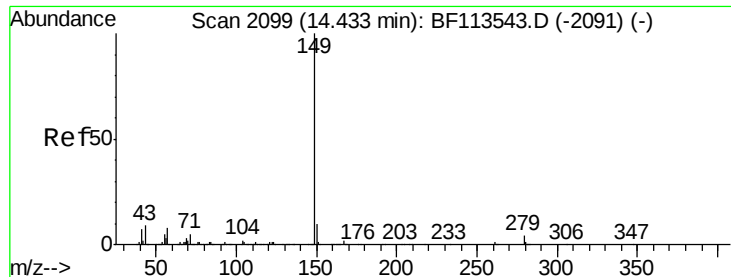
167 29.2 22.9 34.3

279 5.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.431 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Instrument :

BNA_F

ClientSampleId :

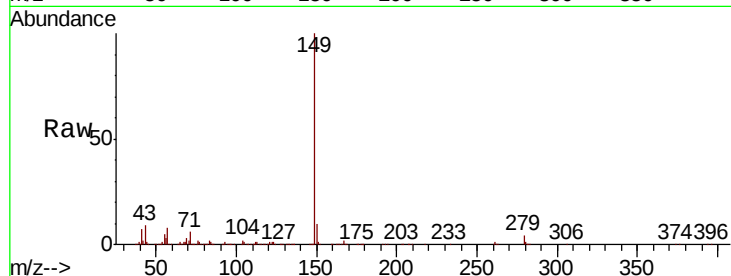
Tot Ion:149 Resp: 1276552

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

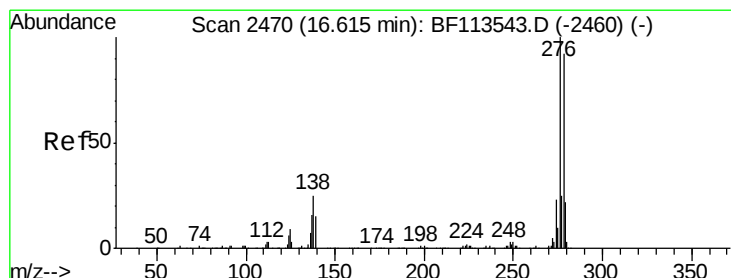
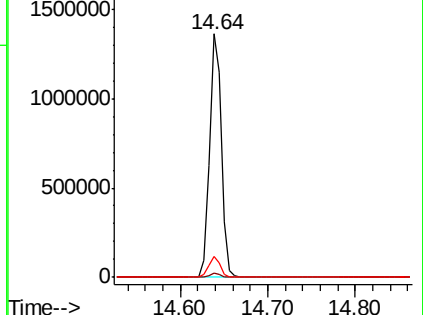
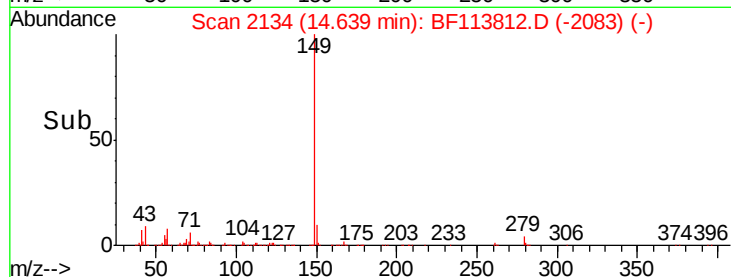
43 8.6 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.526 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

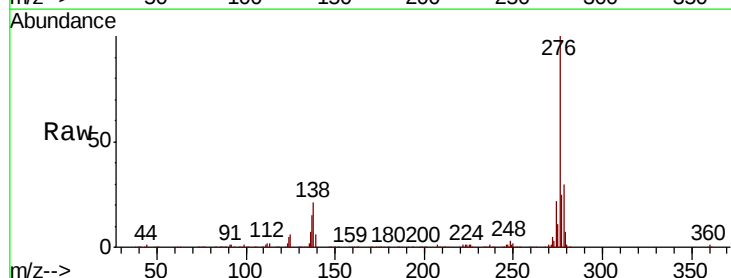
Tgt Ion:276 Resp: 1249854

Ion Ratio Lower Upper

276 100

138 24.3 19.6 29.4

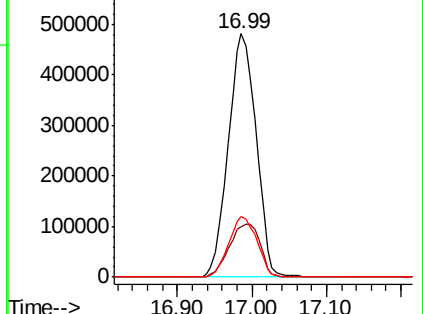
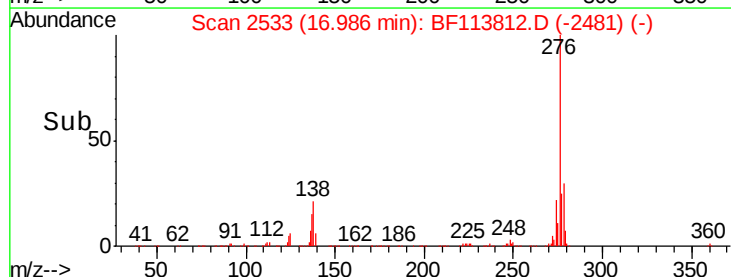
277 25.3 20.2 30.4

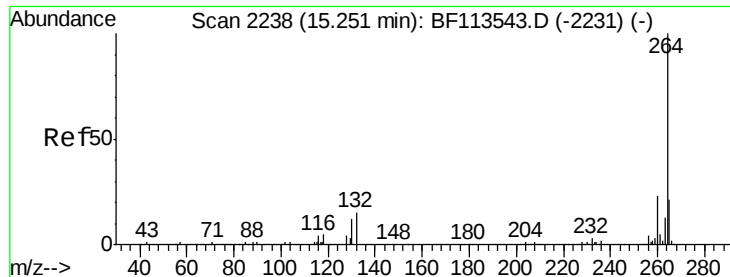


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

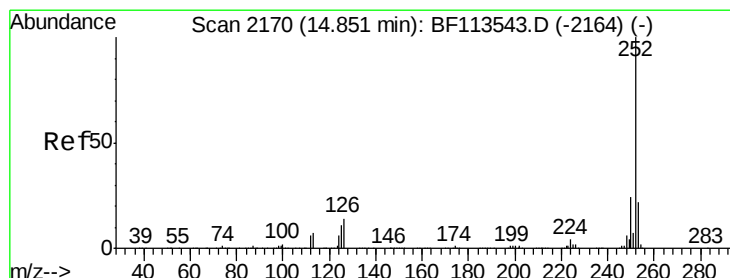
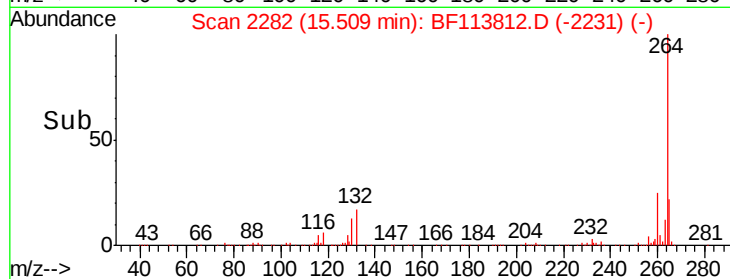
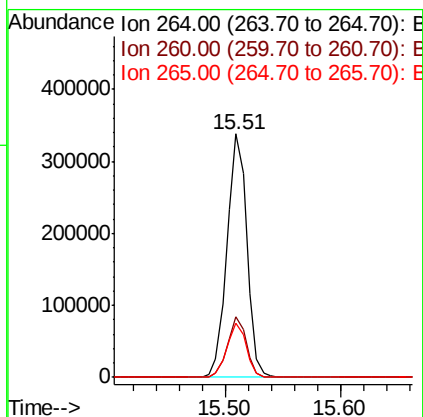
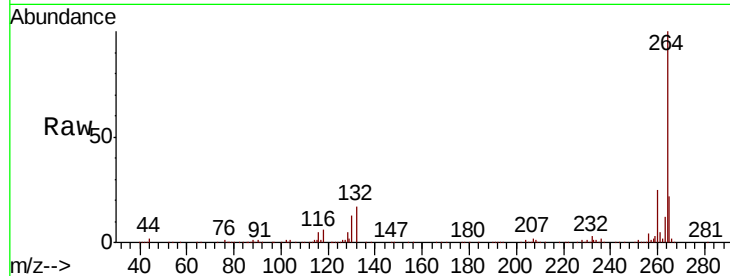




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

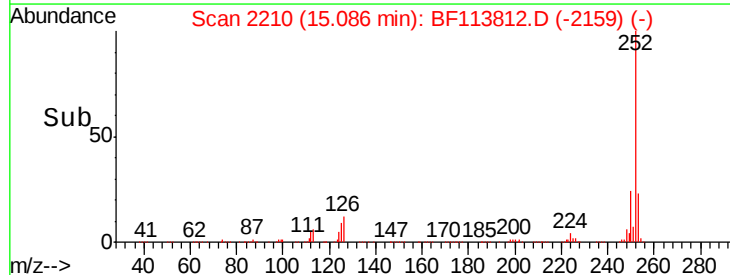
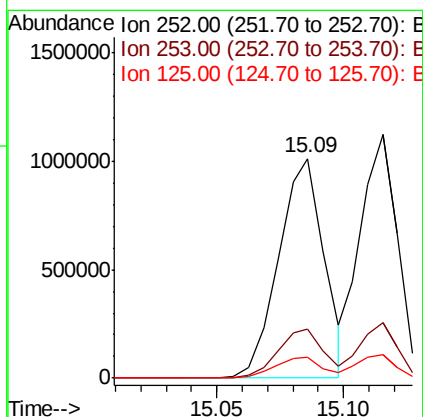
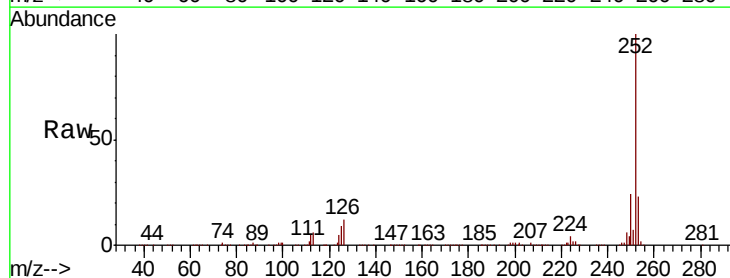
Instrument :
BNA_F
ClientSampleId :

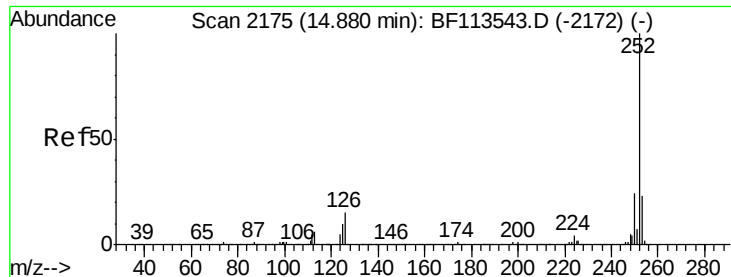
Tot Ion:264 Resp: 402551
Ion Ratio Lower Upper
264 100
260 24.8 18.9 28.3
265 22.1 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 51.319 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:252 Resp: 1264556
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.4 7.0 10.6

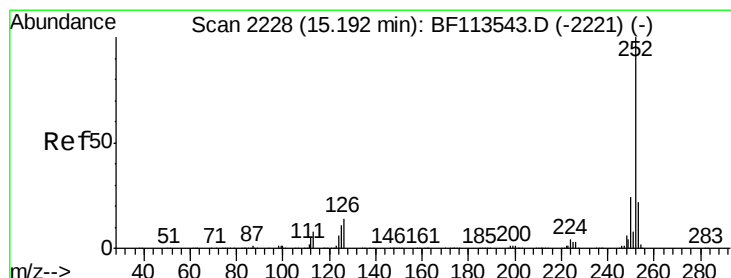
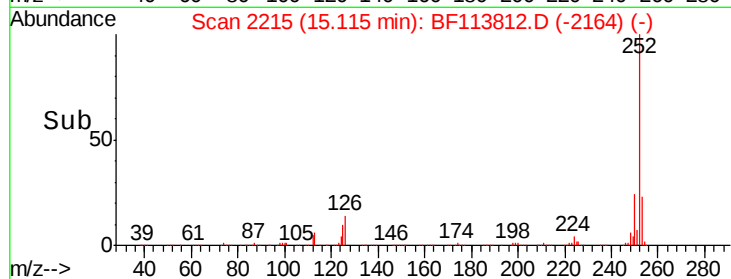
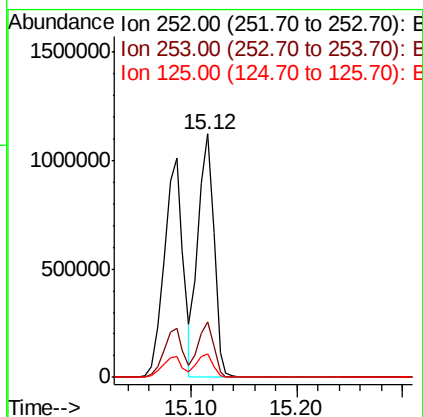
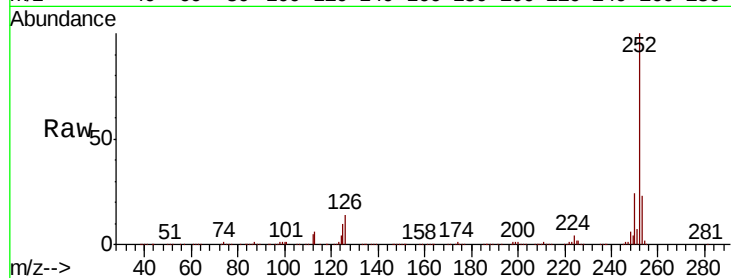




#89
Benzo(k)fluoranthene
Concen: 52.446 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

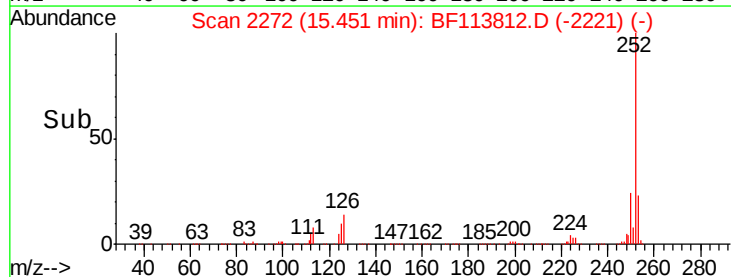
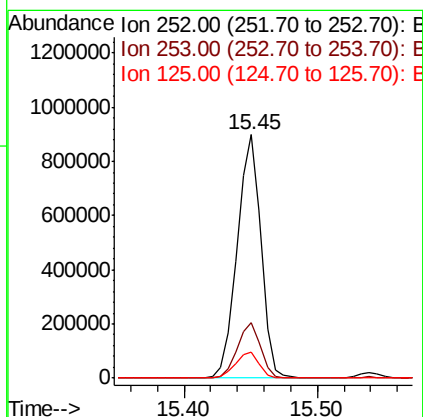
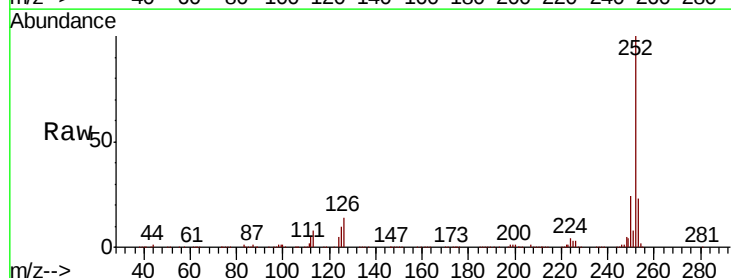
Instrument :
BNA_F
ClientSampled :

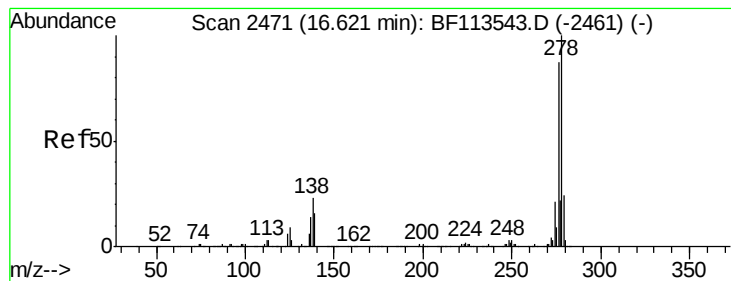
Tot Ion:252 Resp: 1159832
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.840 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF113812.D
Acq: 18 Apr 2019 9:33

Tgt Ion:252 Resp: 1113203
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 50.255 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

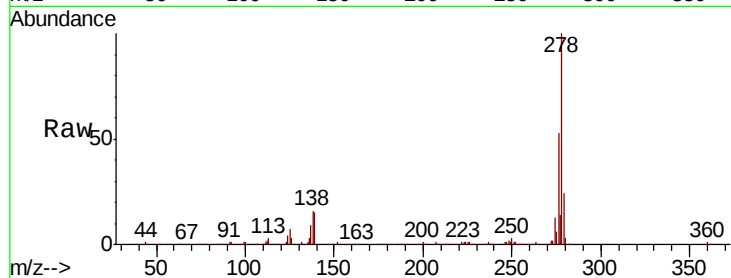
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1029031

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.6	17.4
279	23.8	19.0	28.6

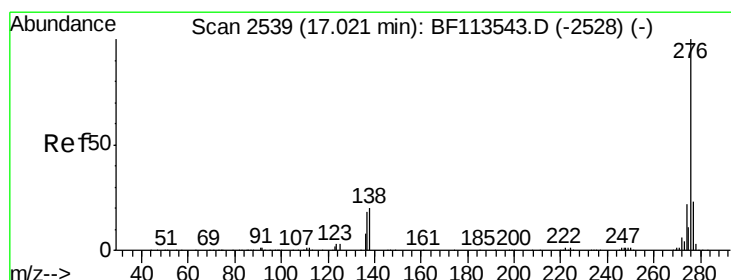
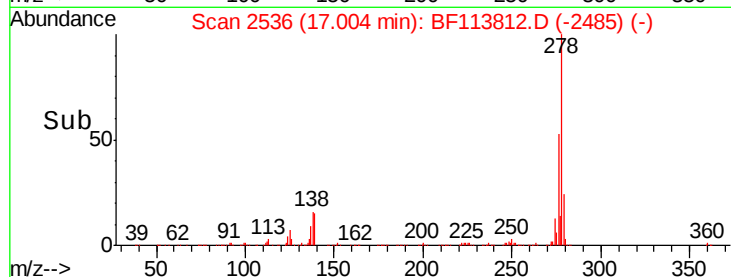
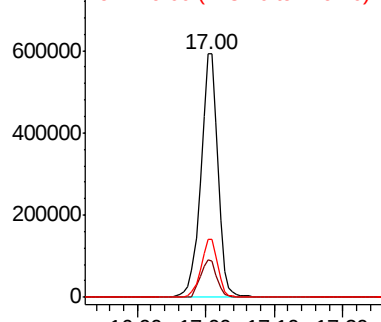


Abundance

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: 50.730 ng

RT: 17.43 min Scan# 2609

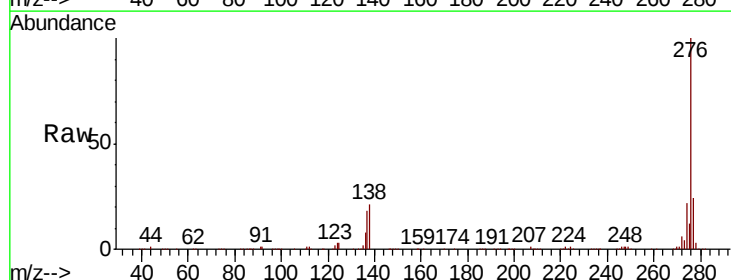
Delta R.T. 0.01 min

Lab File: BF113812.D

Acq: 18 Apr 2019 9:33

Tgt Ion:276 Resp: 1060247

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.6	16.6	25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

