

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112641.D
 Acq On : 20 Feb 2019 14:53
 Operator : JU/SJ
 Sample : K1528-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 16:50:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	77327	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	290318	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	148305	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	284592	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	207257	20.00	ng	-0.01
87) Perylene-d12	15.47	264	202337	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	139360	38.28	ng	0.00
7) Phenol-d6	6.49	99	203451	40.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	496946	98.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	242567	140.52	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1036949	98.89	ng	-0.02
79) Terphenyl-d14	12.93	244	1059195	96.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	30494	21.027	ng	# 89
3) Pyridine	3.33	79	55742	15.110	ng	# 93
4) n-Nitrosodimethylamine	3.28	42	40597	26.193	ng	# 83
6) Aniline	6.50	93	180918	30.064	ng	# 94
8) 2-Chlorophenol	6.63	128	184858	37.746	ng	# 98
9) Benzaldehyde	6.37	77	890305	336.719	ng	# 1
10) Phenol	6.50	94	82321	14.833	ng	# 7
11) bis(2-Chloroethyl)ether	6.58	93	209815	48.019	ng	# 96
12) 1,3-Dichlorobenzene	6.77	146	253628	44.468	ng	# 97
13) 1,4-Dichlorobenzene	6.85	146	263513	44.892	ng	# 98
14) 1,2-Dichlorobenzene	6.85	146	263513	47.948	ng	# 98
15) Benzyl Alcohol	6.98	79	132044	30.965	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	249603	44.491	ng	# 1
17) 2-Methylphenol	7.10	107	123083	31.704	ng	# 22
18) Hexachloroethane	7.36	117	534932	259.517	ng	# 1
19) n-Nitroso-di-n-propylamine	7.24	70	168426	48.285	ng	# 98
20) 3+4-Methylphenols	7.26	107	151410	30.498	ng	# 65
22) Acetophenone	7.24	105	306839	43.405	ng	# 92
24) Nitrobenzene	7.42	77	288244	57.282	ng	# 97
25) Isophorone	7.65	82	436407	55.211	ng	# 99
26) 2-Nitrophenol	7.73	139	122535	45.566	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	169086	45.637	ng	# 91
28) bis(2-Chloroethoxy)methane	7.86	93	271350	50.417	ng	# 97
29) 2,4-Dichlorophenol	7.99	162	181990	43.893	ng	# 99
30) 1,2,4-Trichlorobenzene	8.06	180	225395	47.293	ng	# 98
31) Naphthalene	8.15	128	5107953	376.234	ng	# 96
32) Benzoic acid	7.96	122	205116	97.053	ng	# 99
33) 4-Chloroaniline	8.19	127	196368	33.218	ng	# 100
34) Hexachlorobutadiene	8.24	225	130470	46.651	ng	# 99
35) Caprolactam	8.68	113	13492	9.224	ng	# 82
36) 4-Chloro-3-methylphenol	8.67	107	176302	40.167	ng	# 93
37) 2-Methylnaphthalene	8.82	142	1386002	149.125	ng	# 95
38) 1-Methylnaphthalene	8.92	142	829292	93.091	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	222941	45.784	ng	# 98

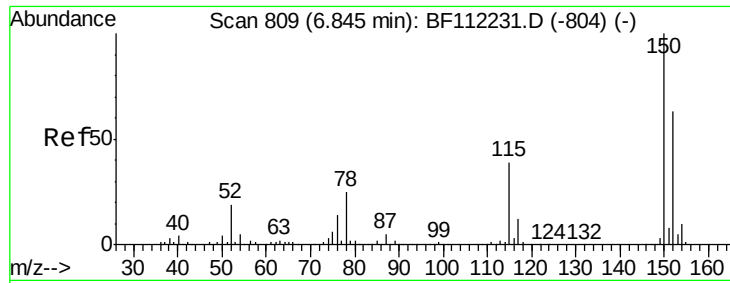
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112641.D
 Acq On : 20 Feb 2019 14:53
 Operator : JU/SJ
 Sample : K1528-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 16:50:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	96046	55.366	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	134512	44.814	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	138098	44.022	nq	95
46) 1,1'-Biphenyl	9.28	154	611280	47.147	nq	98
47) 2-Chloronaphthalene	9.31	162	462914	46.042	nq	95
48) 2-Nitroaniline	9.42	65	130978	47.796	nq	95
49) Acenaphthylene	9.72	152	736994	50.011	nq	98
50) Dimethylphthalate	9.58	163	556013	48.254	nq	99
51) 2,6-Dinitrotoluene	9.65	165	123664	47.921	nq #	73
52) Acenaphthene	9.89	154	430726	48.928	nq	98
53) 3-Nitroaniline	9.83	138	75570	27.030	nq	88
54) 2,4-Dinitrophenol	9.96	184	80327	96.991	nq	92
55) Dibenzofuran	10.07	168	643896	47.864	nq	95
56) 4-Nitrophenol	10.07	139	292612	197.966	nq #	17
57) 2,4-Dinitrotoluene	10.07	165	161294	49.096	nq #	68
58) Fluorene	10.41	166	533917	53.036	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	104528	44.093	nq #	89
60) Diethylphthalate	10.27	149	583278	51.009	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	258900	47.278	nq	96
62) 4-Nitroaniline	10.45	138	103982	37.919	nq	90
63) Azobenzene	10.56	77	496221	49.342	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	58266	36.517	nq	93
66) n-Nitrosodiphenylamine	10.52	169	460296	47.990	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	155081	46.331	nq	98
68) Hexachlorobenzene	10.97	284	168994	47.058	nq	97
69) Atrazine	11.05	200	133513	43.140	nq	95
70) Pentachlorophenol	11.17	266	112569	80.560	nq	98
71) Phenanthrene	11.37	178	756368	51.121	nq	98
72) Anthracene	11.43	178	781987	53.058	nq	99
73) Carbazole	11.59	167	652290	44.868	nq	98
74) Di-n-butylphthalate	11.90	149	916279	50.777	nq	98
75) Fluoranthene	12.57	202	747444	47.101	nq	97
77) Benzidine	12.93	184	16275	2.853	nq #	92
78) Pyrene	12.80	202	737853	51.421	nq	98
80) Butylbenzylphthalate	13.39	149	360487	51.925	nq #	90
81) Benzo(a)anthracene	13.99	228	617299	50.666	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	17211	3.775	nq	97
83) Chrysene	14.03	228	586410	50.423	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	518414	52.606	nq	98
85) Di-n-octyl phthalate	14.56	149	837209	55.218	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	674627	73.207	nq	96
88) Benzo(b)fluoranthene	15.04	252	608940	50.323	nq	99
89) Benzo(k)fluoranthene	15.07	252	549587	47.416	nq	99
90) Benzo(a)pyrene	15.41	252	562397	51.652	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	562972	64.155	nq	99
92) Benzo(g,h,i)perylene	17.42	276	561609	67.835	nq	95

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

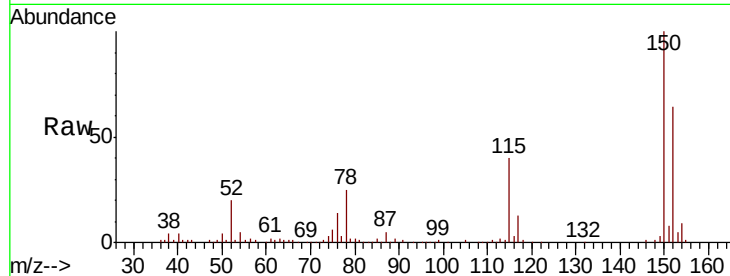


#1

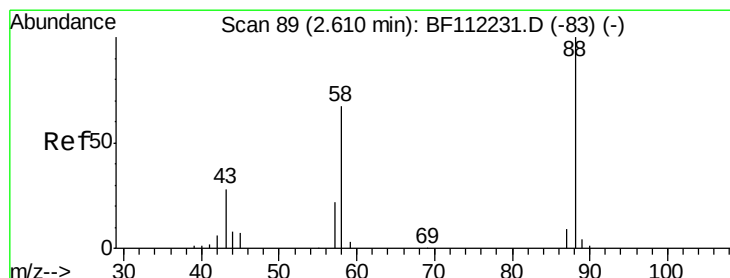
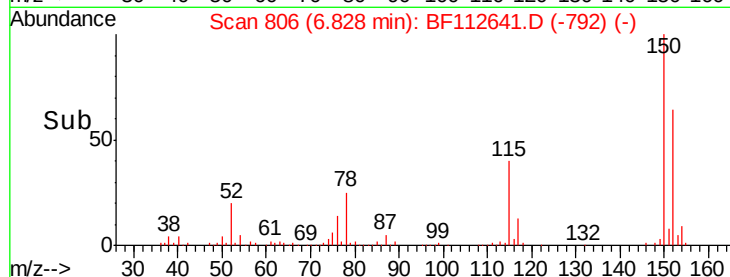
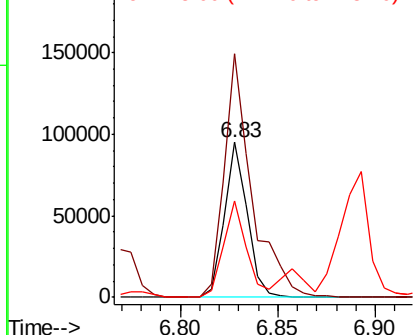
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77327
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.0
115 62.2 45.5 68.3



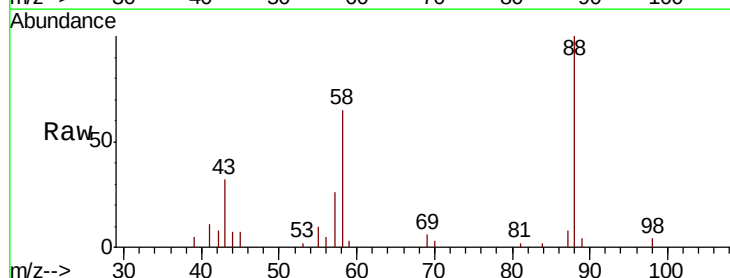
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



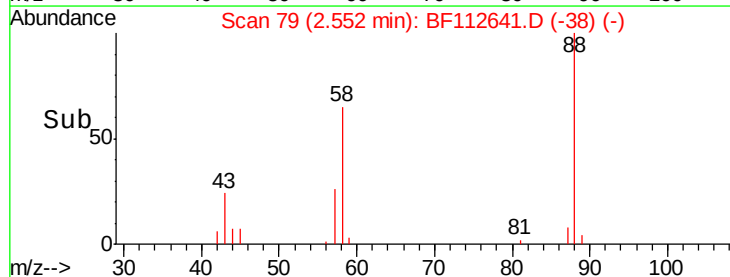
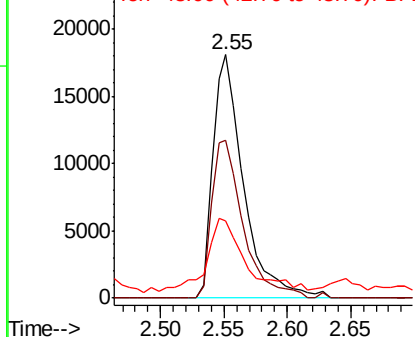
#2

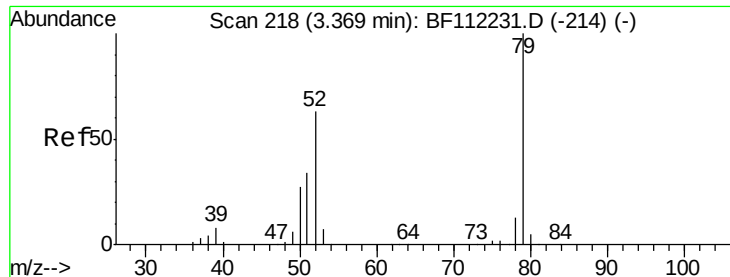
1,4-Dioxane
Concen: 21.027 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.06 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 88 Resp: 30494
Ion Ratio Lower Upper
88 100
58 66.5 57.4 86.2
43 39.2 22.2 33.4#



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: 15.110 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.04 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampled :

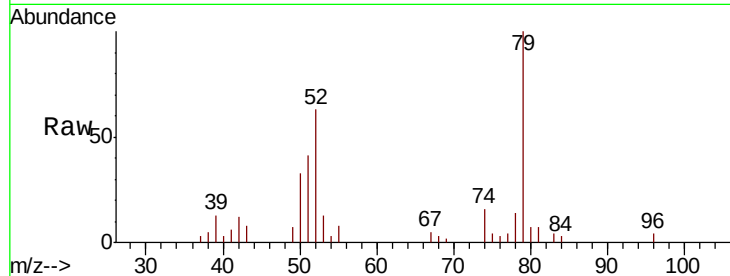
Tot Ion: 79 Resp: 55742

Ion Ratio Lower Upper

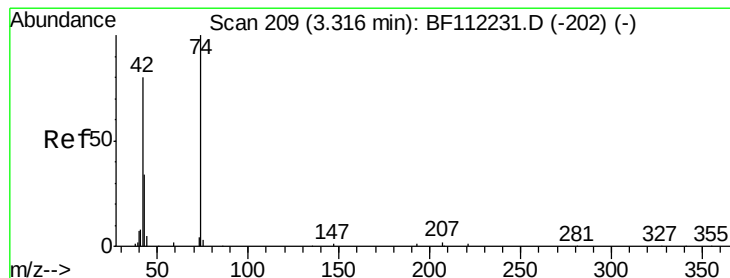
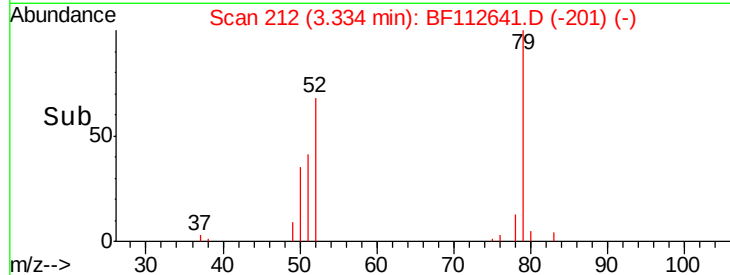
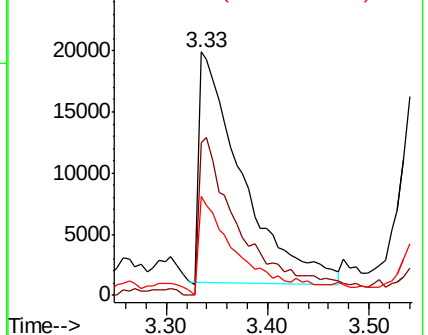
79 100

52 62.6 52.4 78.6

51 40.7 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 26.193 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.04 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

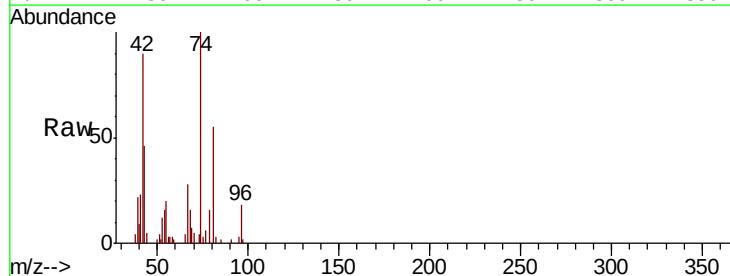
Tgt Ion: 42 Resp: 40597

Ion Ratio Lower Upper

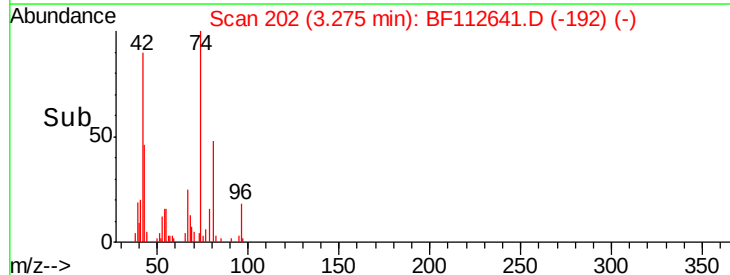
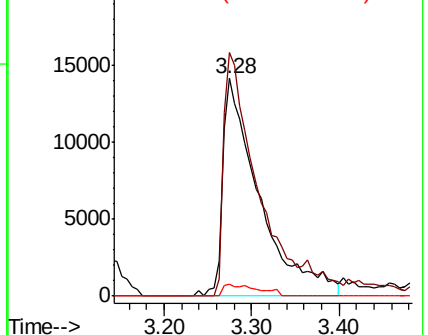
42 100

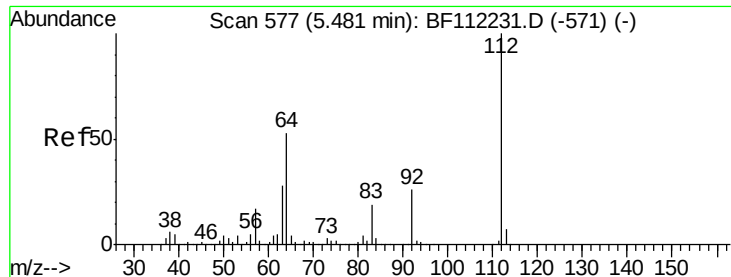
74 111.7 105.6 158.4

44 5.5 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 38.280 ng

RT: 5.48 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampled :

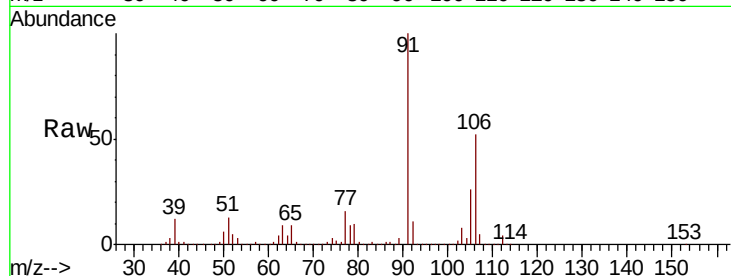
Tot Ion:112 Resp: 139360

Ion Ratio Lower Upper

112 100

64 104.2 45.7 68.5#

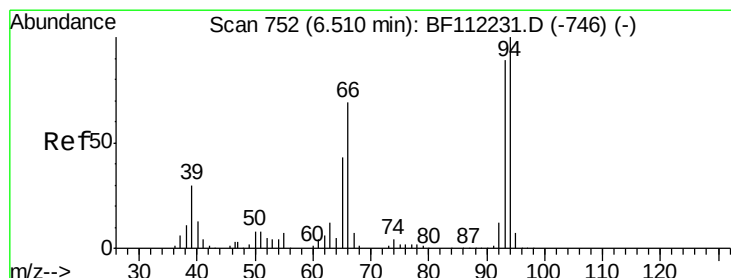
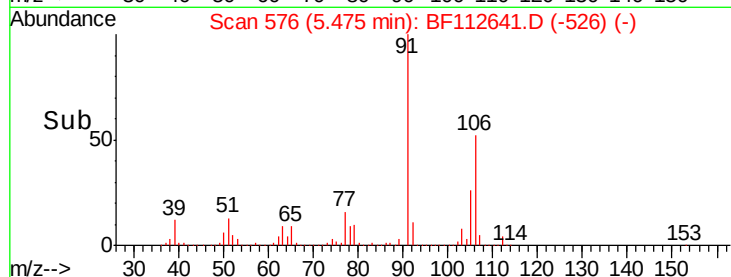
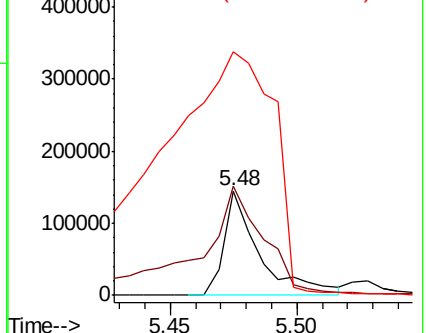
63 233.2 23.6 35.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.064 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

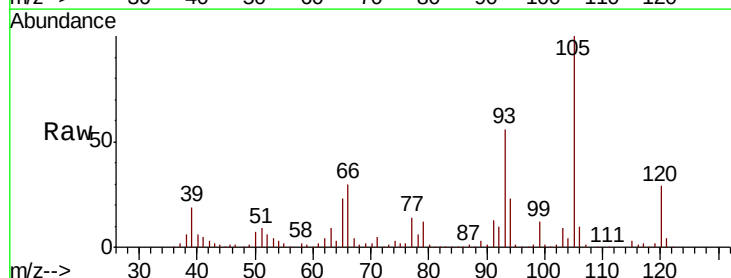
Tgt Ion: 93 Resp: 180918

Ion Ratio Lower Upper

93 100

66 54.1 43.4 65.2

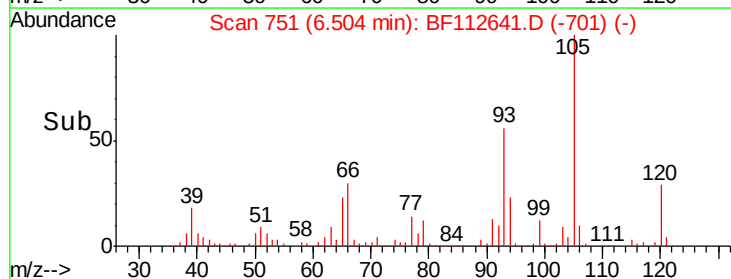
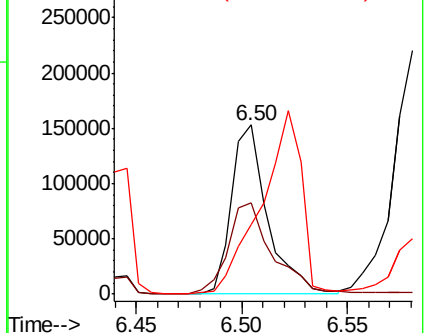
65 40.9 25.3 37.9#

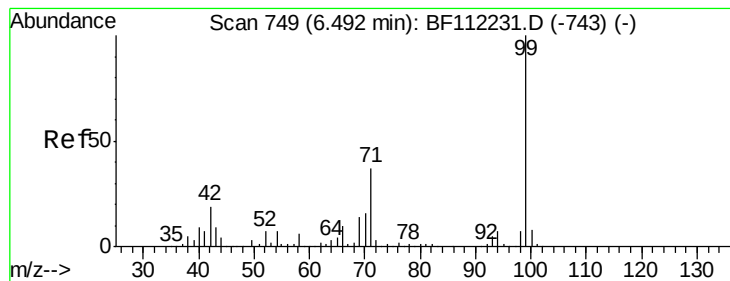


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 40.218 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

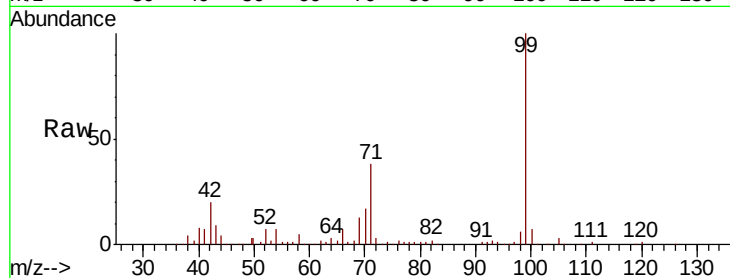
Tot Ion: 99 Resp: 203451

Ion Ratio Lower Upper

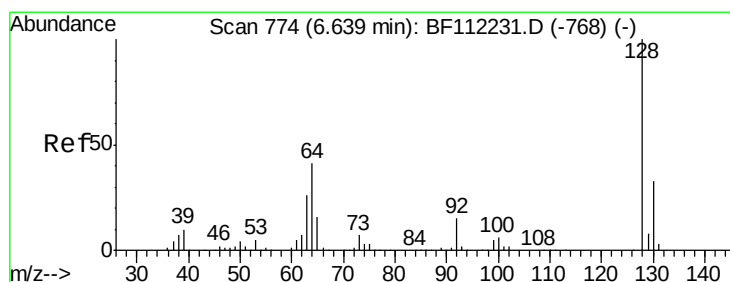
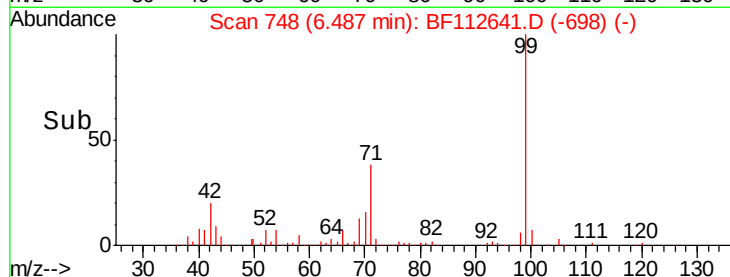
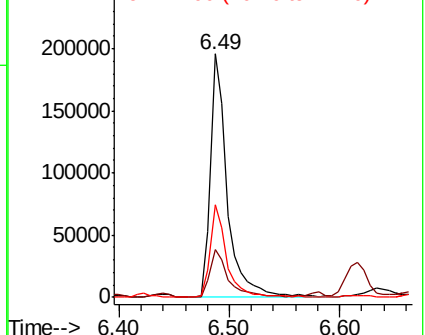
99 100

42 19.7 15.1 22.7

71 38.0 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: 37.746 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

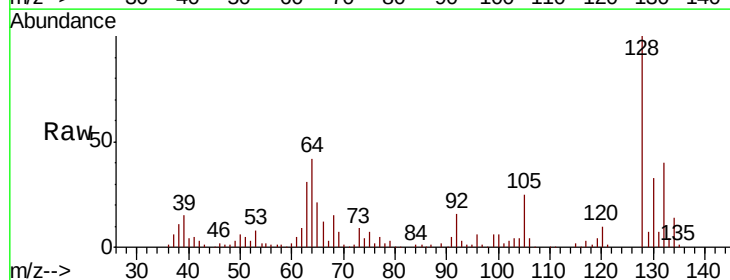
Tgt Ion: 128 Resp: 184858

Ion Ratio Lower Upper

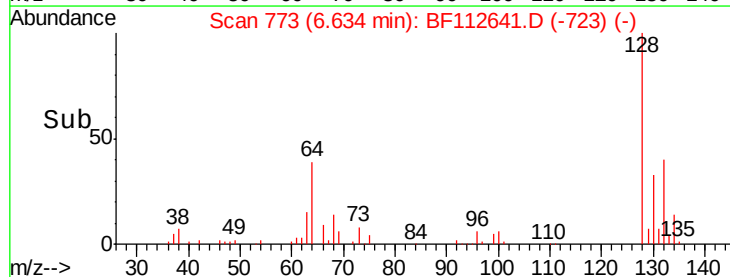
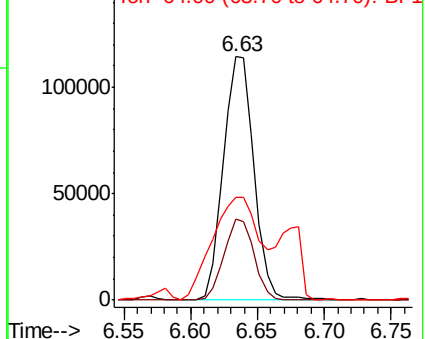
128 100

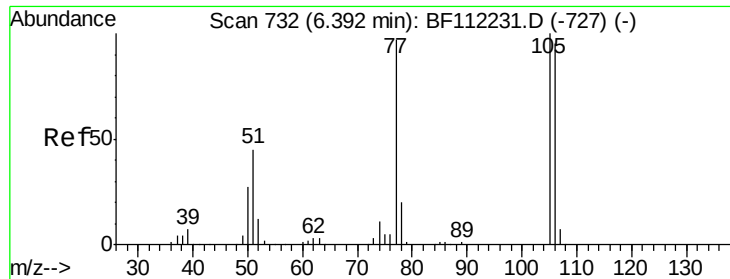
130 33.1 13.4 53.4

64 42.3 20.5 60.5



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: 336.719 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampled :

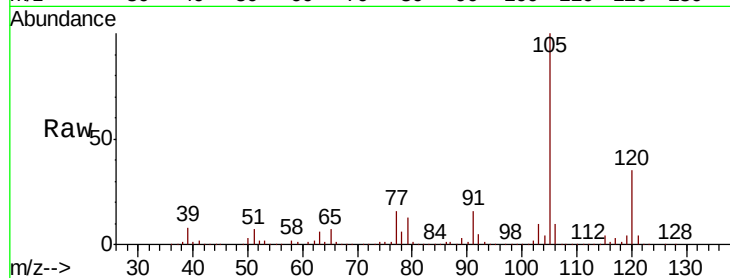
Tot Ion: 77 Resp: 890305

Ion Ratio Lower Upper

77 100

105 643.9 80.8 120.8#

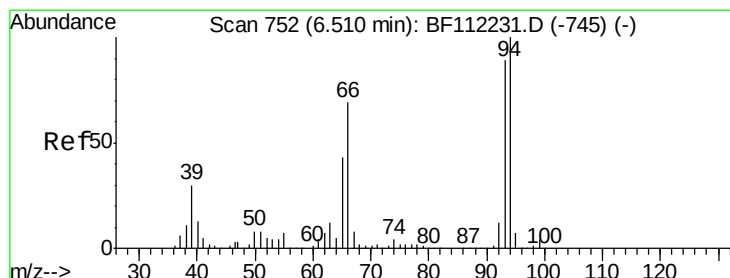
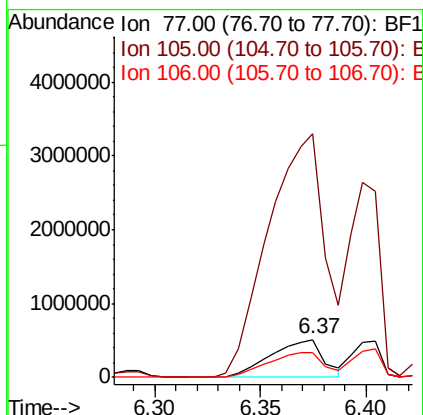
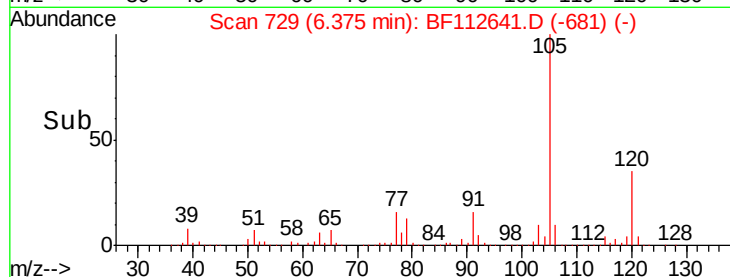
106 65.3 75.7 115.7#



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: 14.833 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

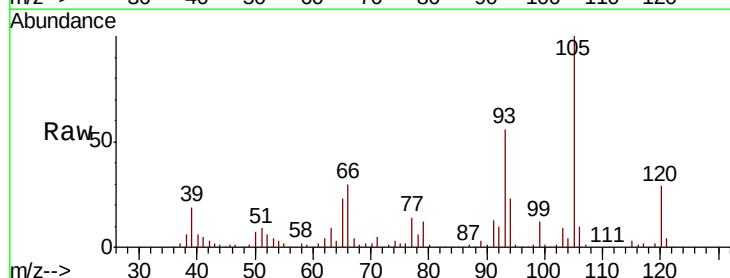
Tgt Ion: 94 Resp: 82321

Ion Ratio Lower Upper

94 100

65 100.3 20.3 60.3#

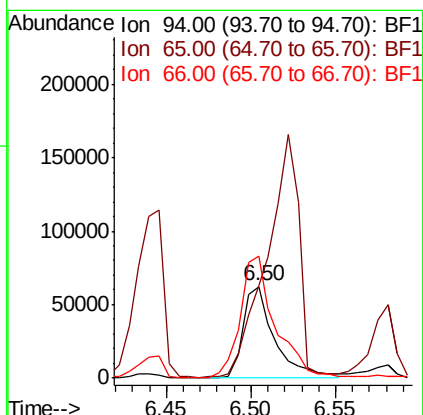
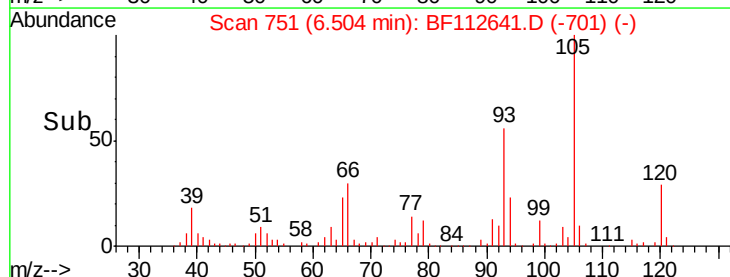
66 132.6 42.4 82.4#

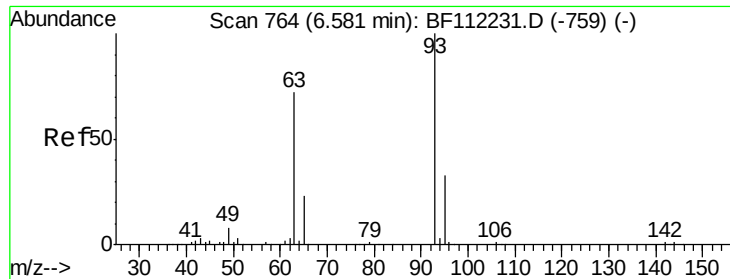


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

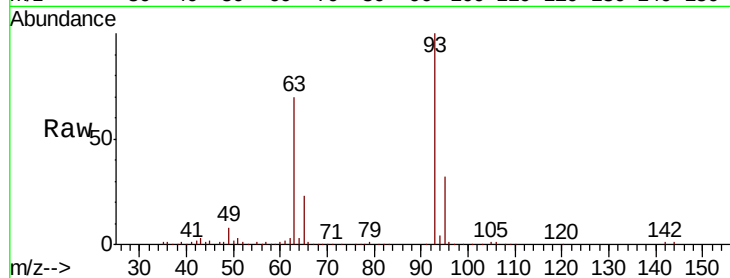




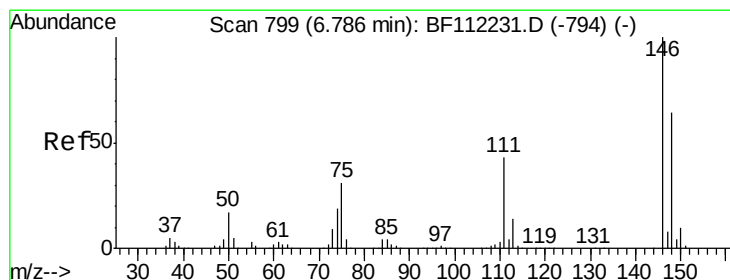
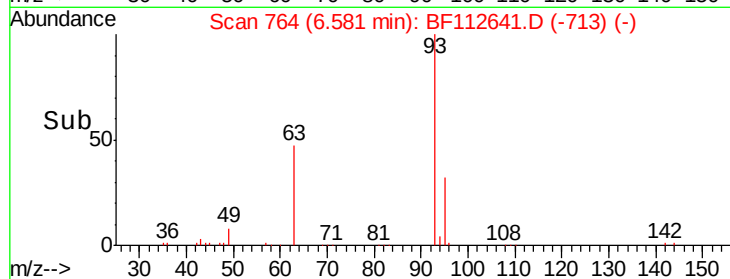
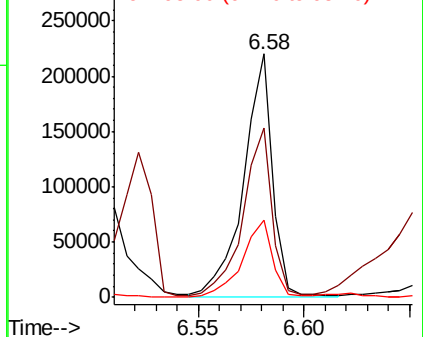
#11
 bis(2-Chloroethyl)ether
 Concen: 48.019 ng
 RT: 6.58 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 209815
 Ion Ratio Lower Upper
 93 100
 63 69.5 53.3 93.3
 95 31.7 13.4 53.4

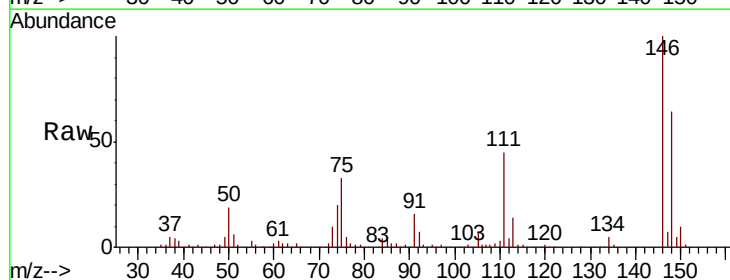


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

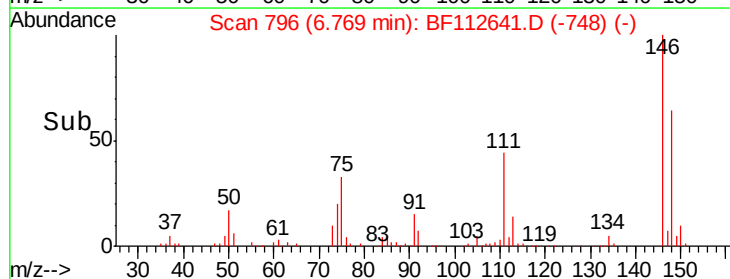
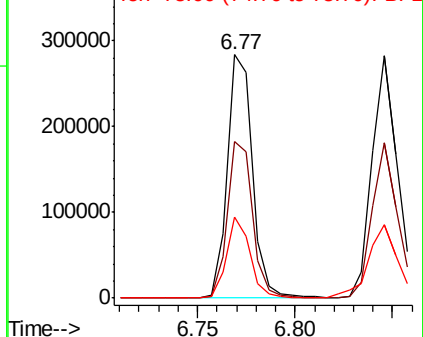


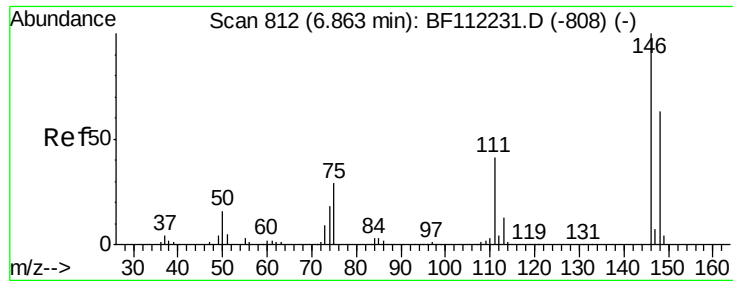
#12
 1,3-Dichlorobenzene
 Concen: 44.468 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion: 146 Resp: 253628
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 75 33.4 23.1 34.7



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

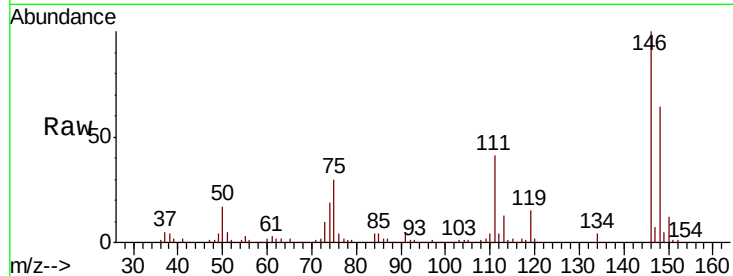




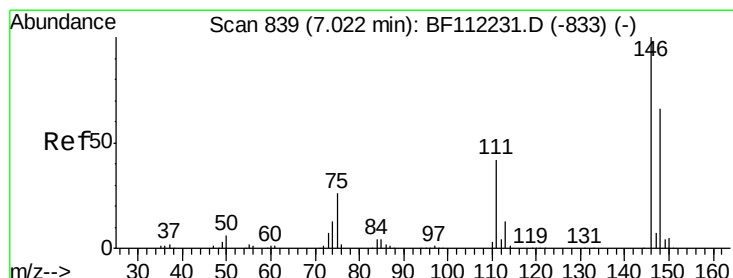
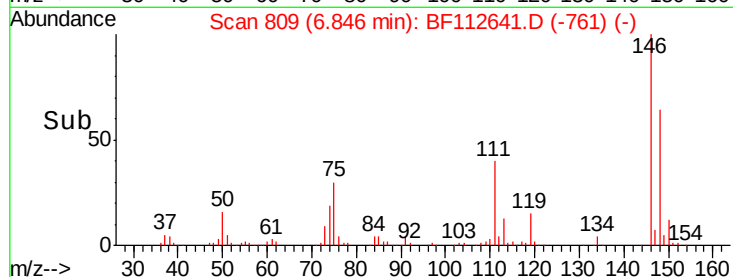
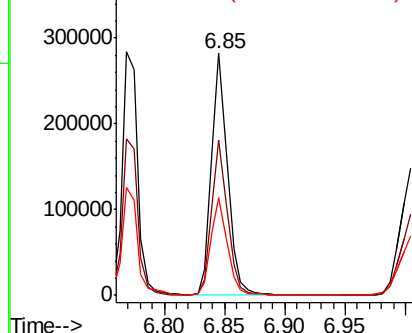
#13
 1,4-Dichlorobenzene
 Concen: 44.892 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 263513
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 40.6 31.2 46.8

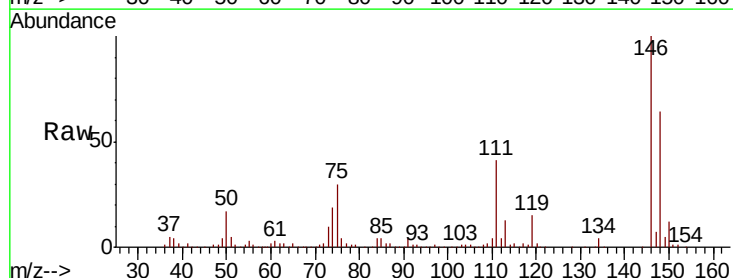


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

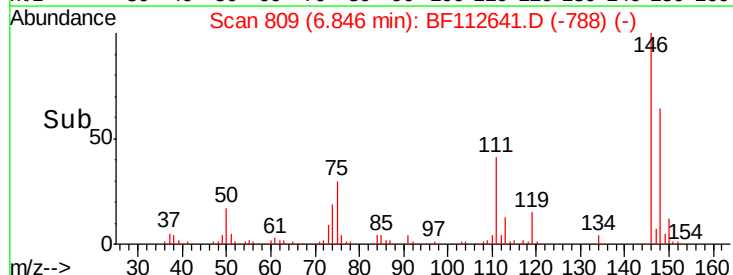
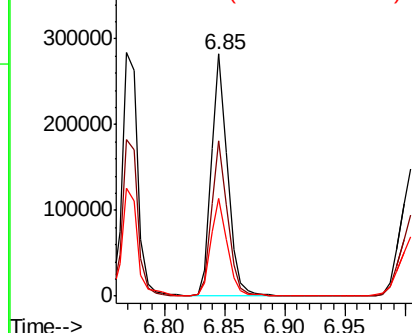


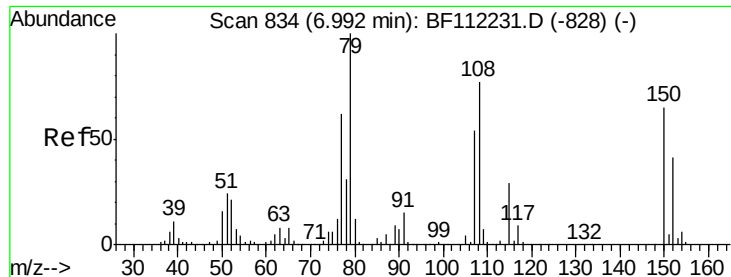
#14
 1,2-Dichlorobenzene
 Concen: 47.948 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.18 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion:146 Resp: 263513
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 40.6 31.2 46.8



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

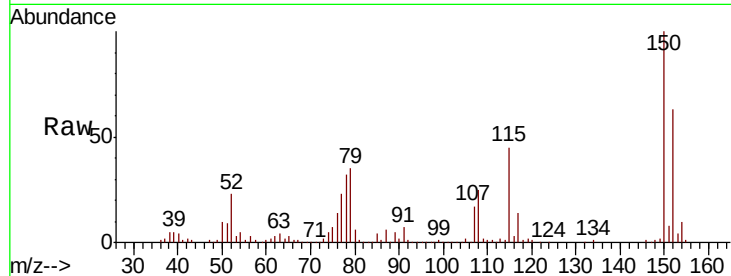




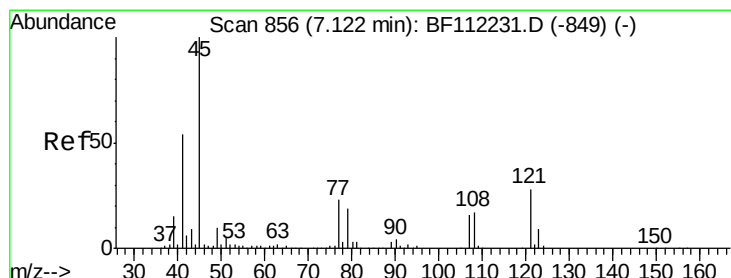
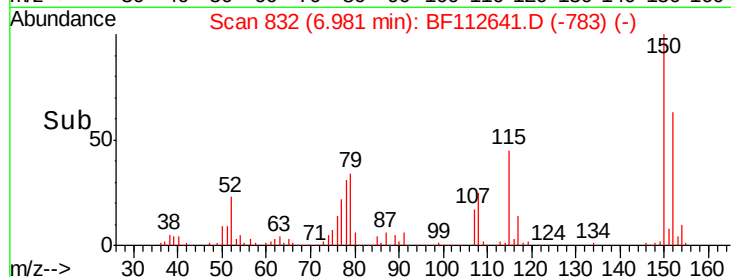
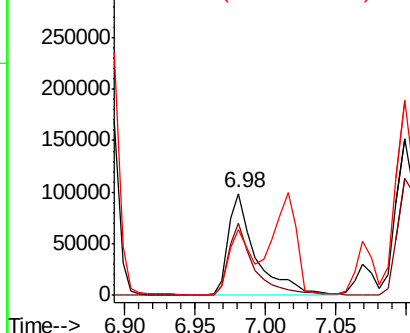
#15
Benzvl Alcohol
Concen: 30.965 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 132044
Ion Ratio Lower Upper
79 100
108 71.2 64.2 96.2
77 64.4 50.3 75.5

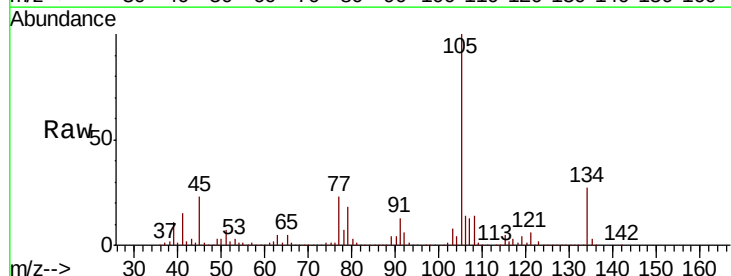


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

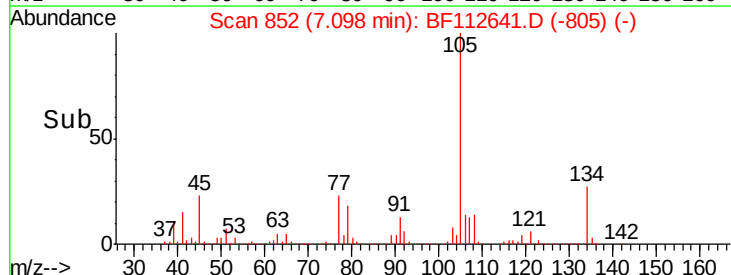
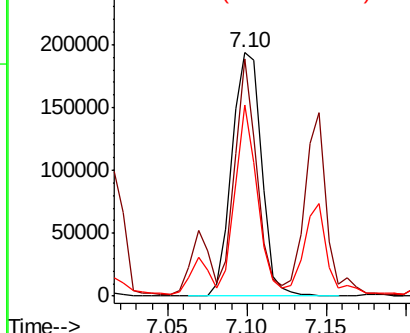


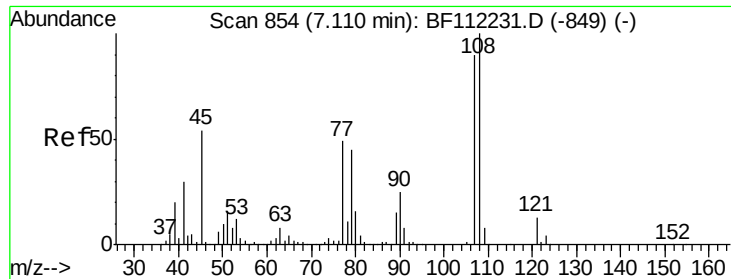
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.491 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 45 Resp: 249603
Ion Ratio Lower Upper
45 100
77 97.5 0.0 36.9#
79 78.4 0.0 34.0#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 31.704 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF112641.D

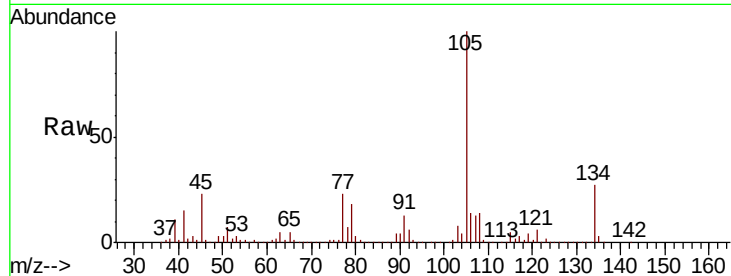
Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	123083
Ion	Ratio	Lower	Upper
107	100		
108	101.9	91.3	136.9
77	169.4	39.0	58.6#
79	136.1	37.0	55.4#



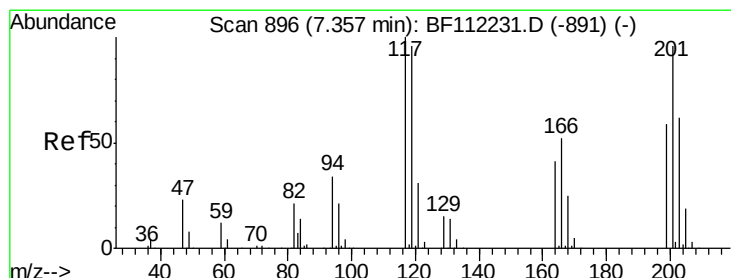
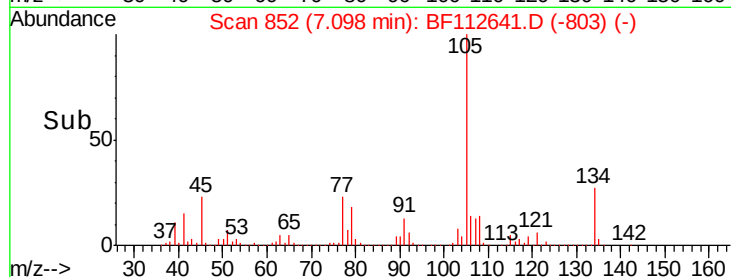
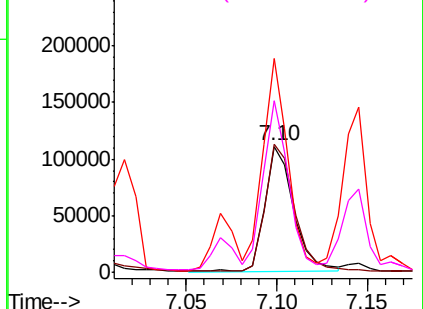
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 259.517 ng

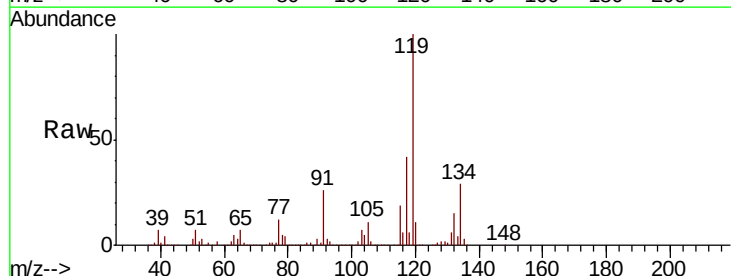
RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	117	Resp:	534932
Ion	Ratio	Lower	Upper
117	100		
119	240.5	77.0	115.4#
201	0.0	74.1	111.1#

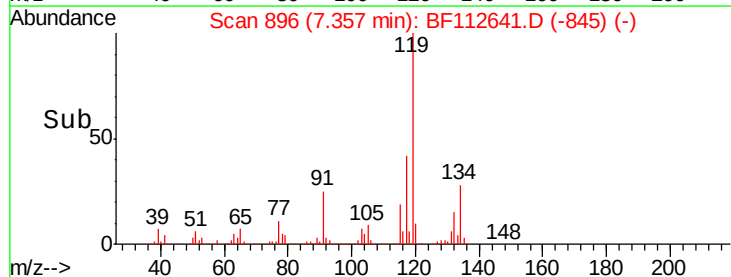
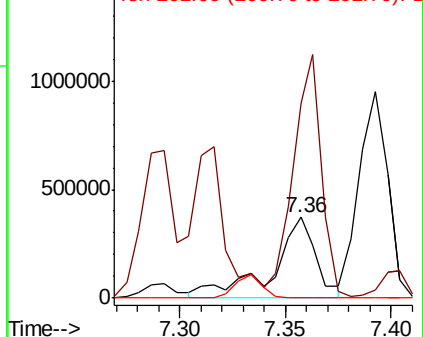


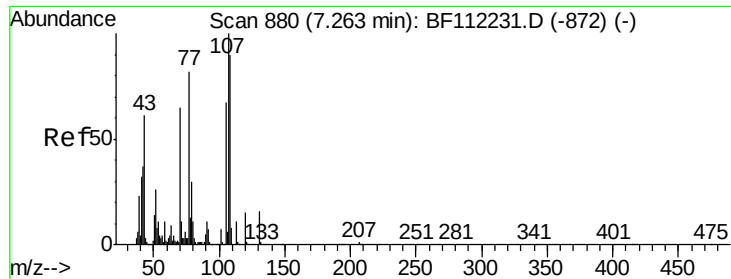
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

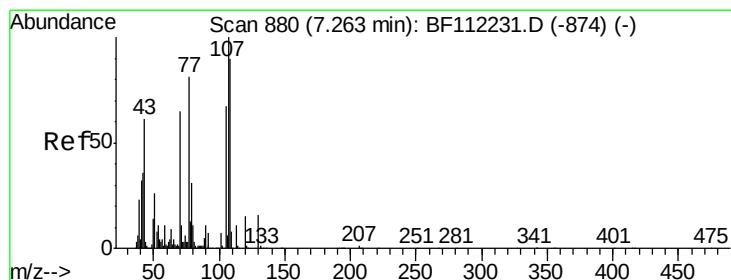
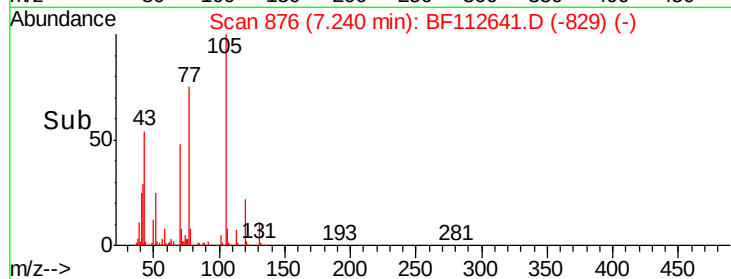
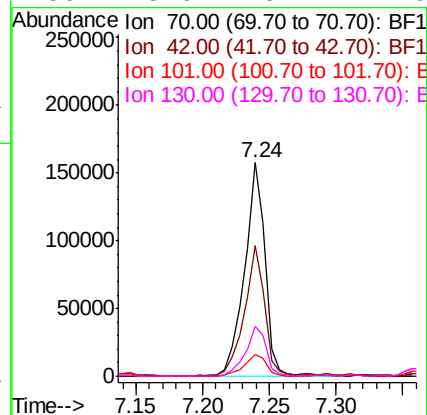
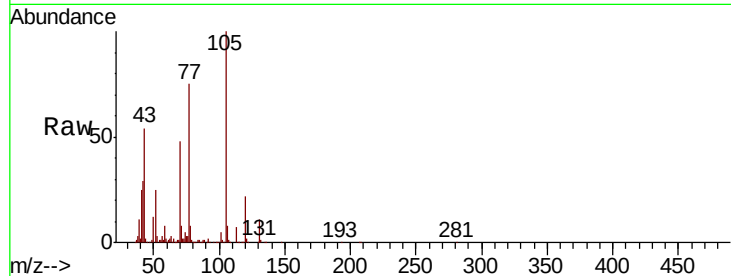




#19
n-Nitroso-di-n-propylamine
Concen: 48.285 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

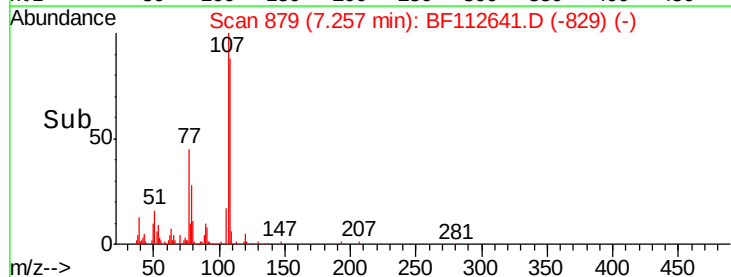
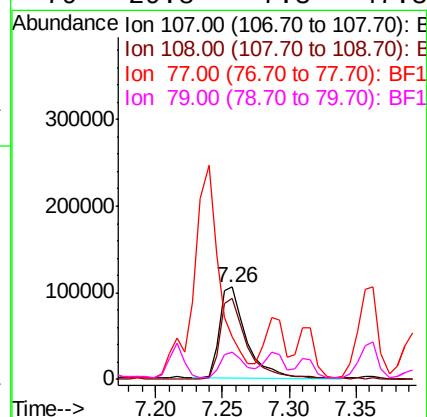
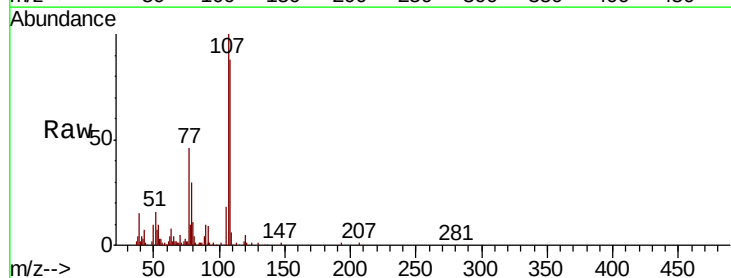
Instrument :
BNA_F
ClientSampled :

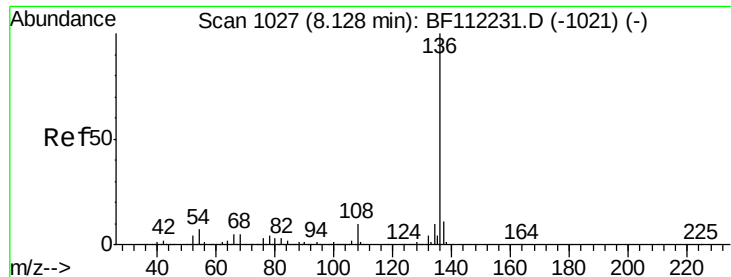
Tot Ion:	70	Resp:	168426
Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.6	71.4
101	10.3	7.9	11.9
130	23.6	18.4	27.6



#20
3+4-Methylphenols
Concen: 30.498 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:	107	Resp:	151410
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	45.5	100.7	140.7#
79	29.8	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 290318

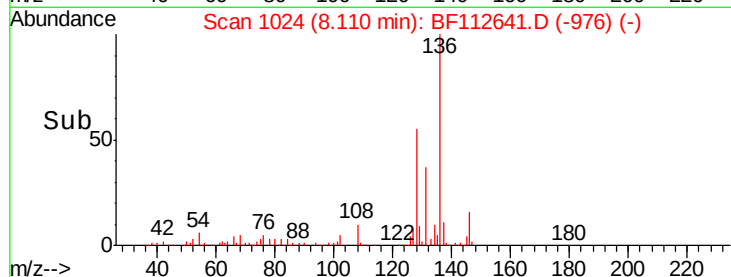
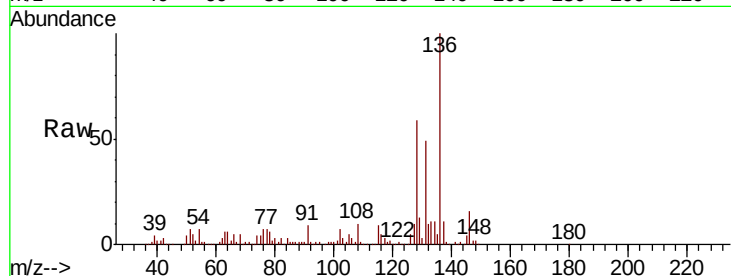
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.6 5.9 8.9

68 4.5 5.1 7.7#

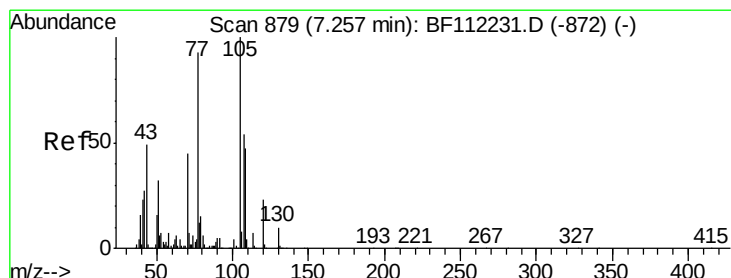
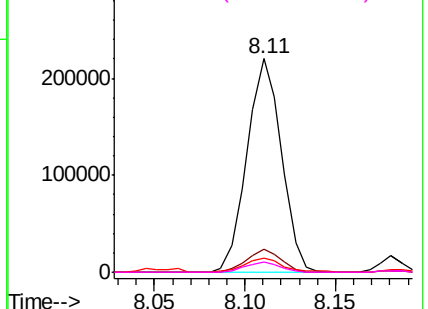


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.405 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:105 Resp: 306839

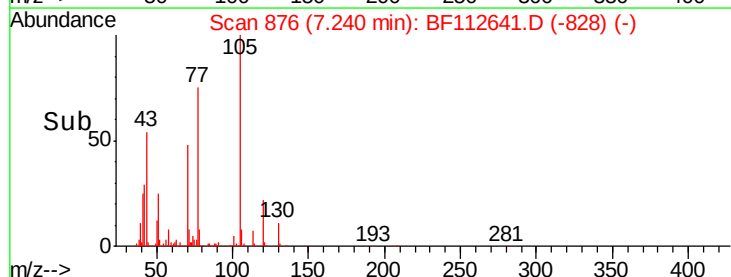
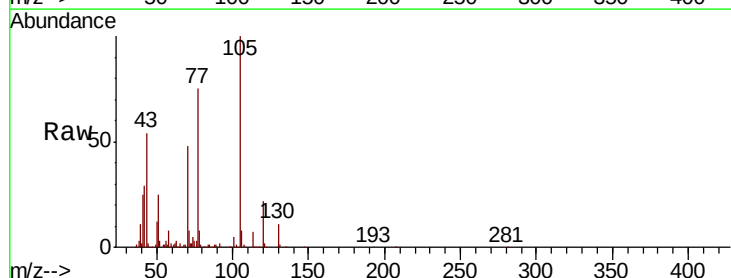
Ion Ratio Lower Upper

105 100

71 8.5 4.6 6.8#

51 24.9 25.0 37.6#

120 22.1 19.0 28.4

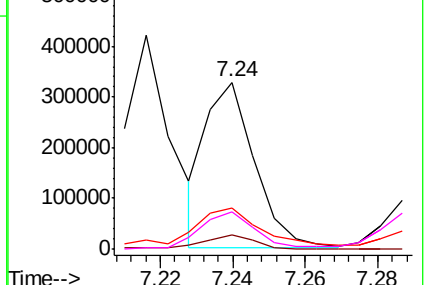


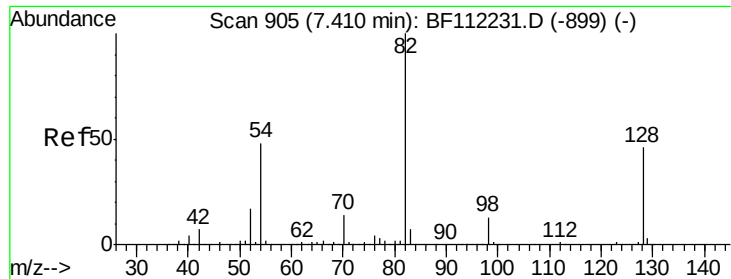
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

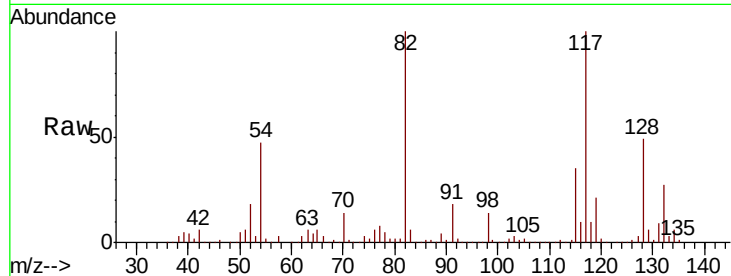




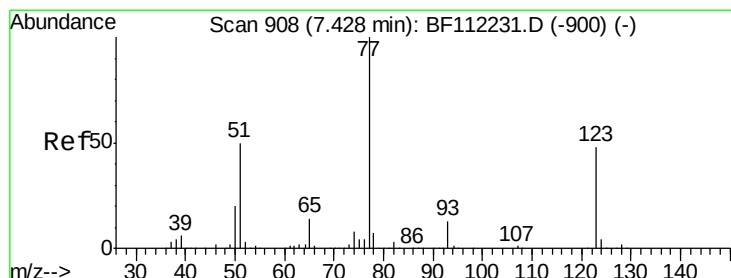
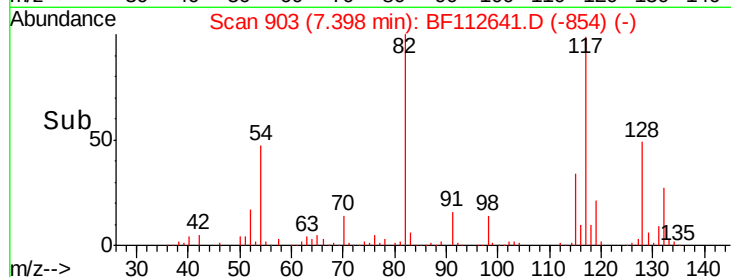
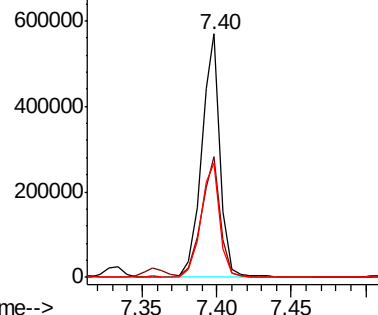
#23
Nitrobenzene-d5
Concen: 98.630 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	496946
Ion Ratio	Lower	Upper	
82	100		
128	49.3	37.8	56.8
54	47.1	39.7	59.5

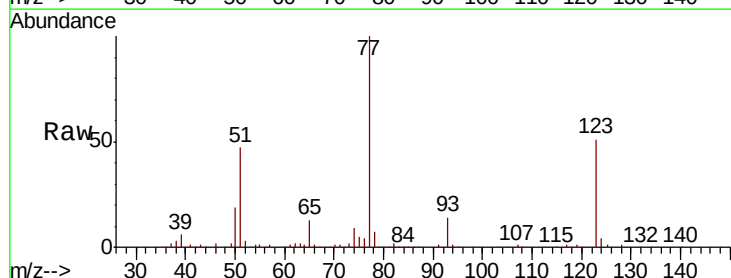


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

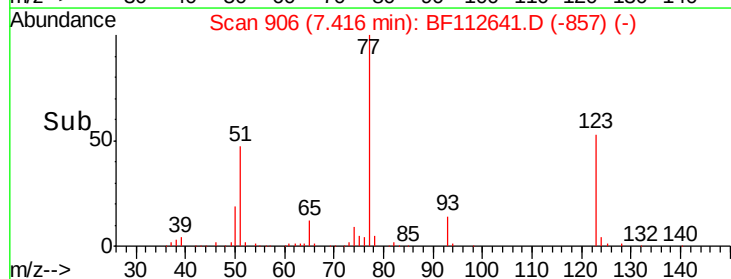
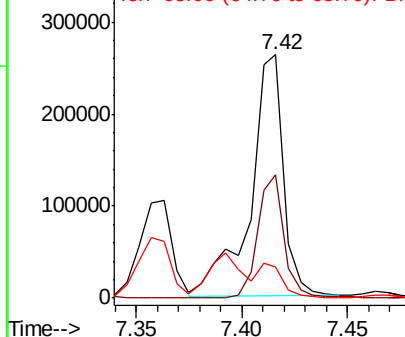


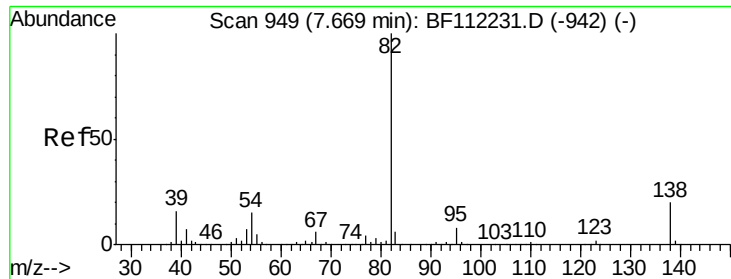
#24
Nitrobenzene
Concen: 57.282 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	77	Resp	288244
Ion Ratio	Lower	Upper	
77	100		
123	50.7	38.4	57.6
65	12.9	10.6	15.8



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: 55.211 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

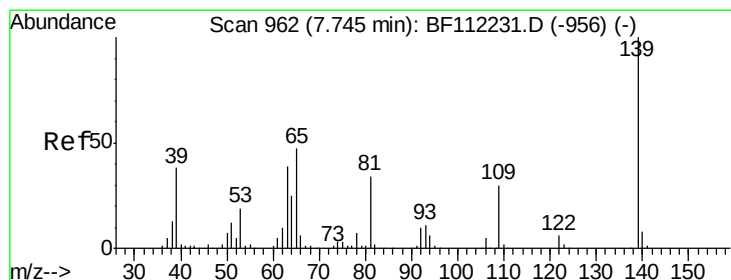
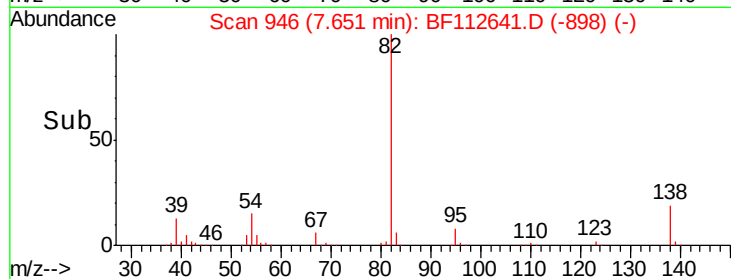
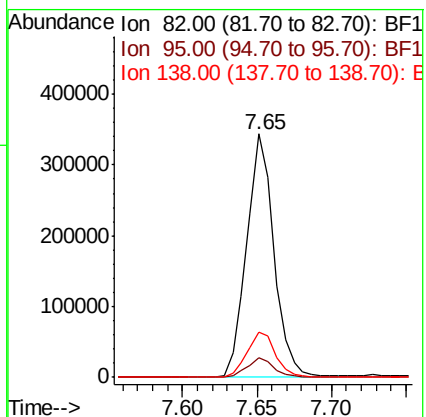
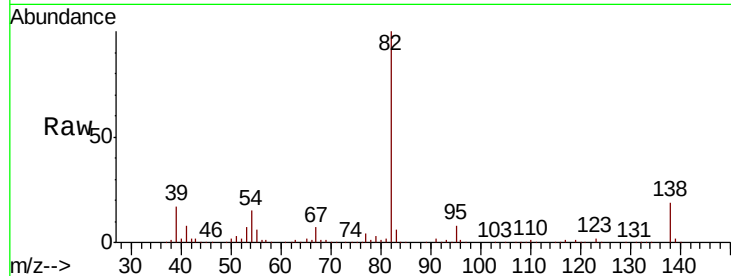
Tot Ion: 82 Resp: 436407

Ion Ratio Lower Upper

82 100

95 7.9 5.7 8.5

138 18.7 15.4 23.0



#26

2-Nitrophenol

Concen: 45.566 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

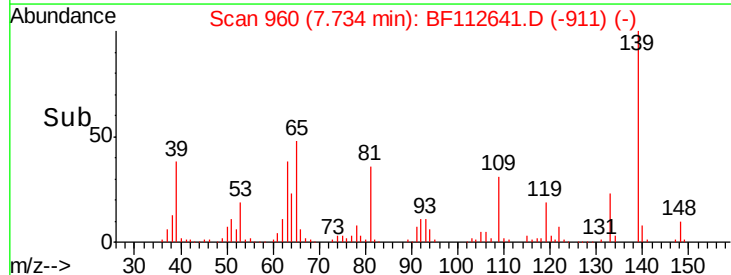
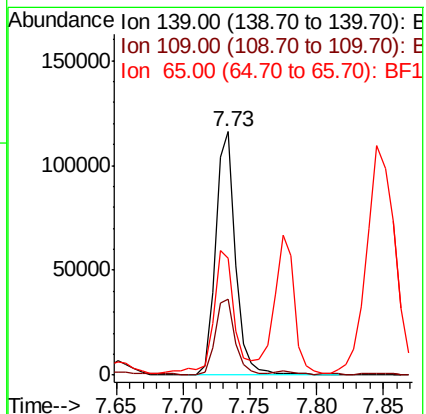
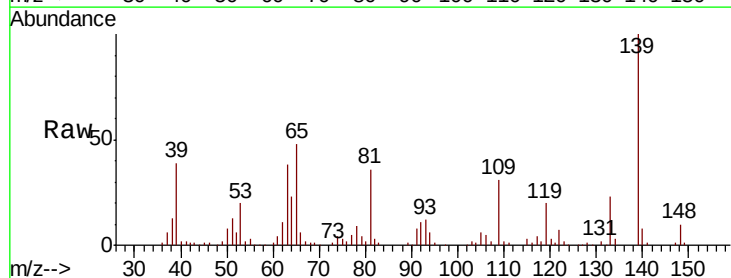
Tgt Ion: 139 Resp: 122535

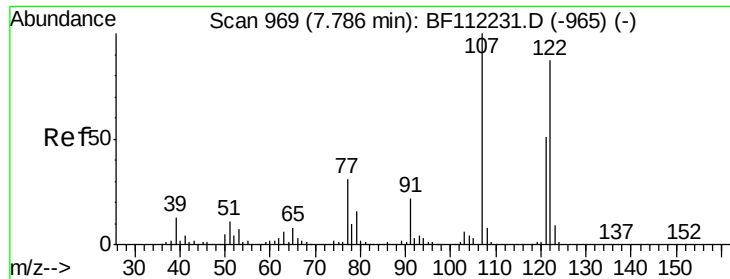
Ion Ratio Lower Upper

139 100

109 31.4 20.8 31.2#

65 48.2 34.4 51.6

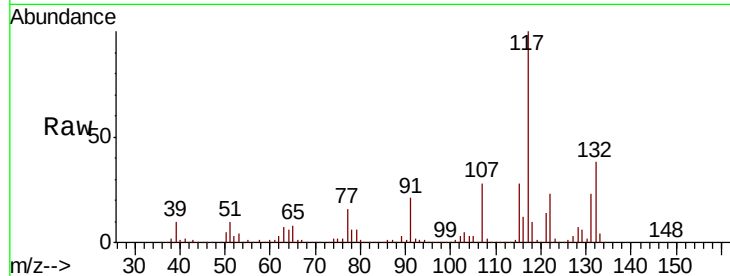




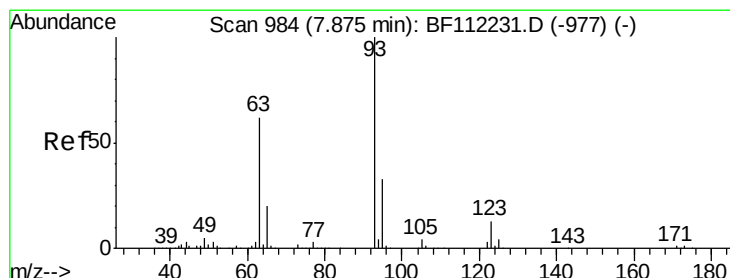
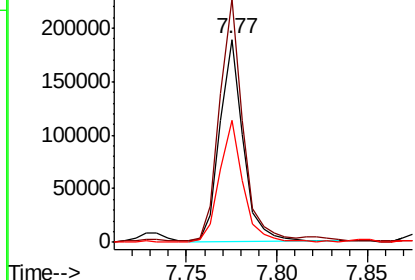
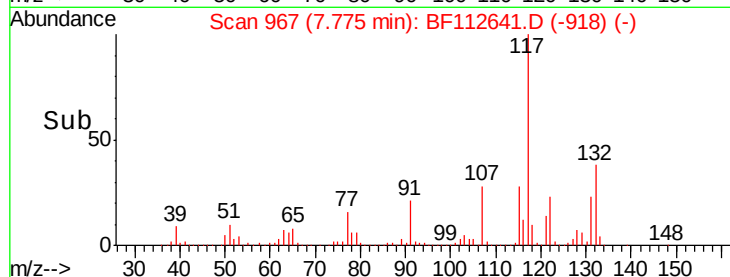
#27
2,4-Dimethylphenol
Concen: 45.637 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 169086
Ion Ratio Lower Upper
122 100
107 119.9 85.4 128.0
121 60.3 47.0 70.4

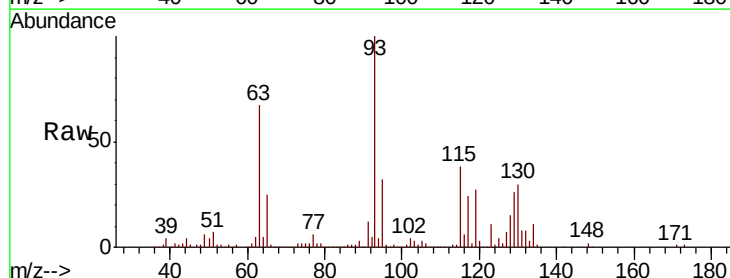


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

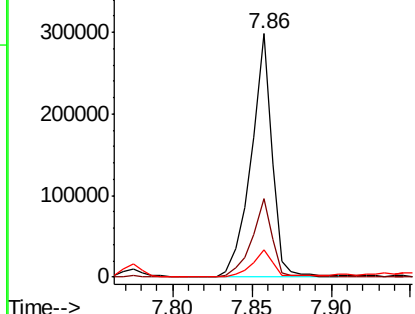
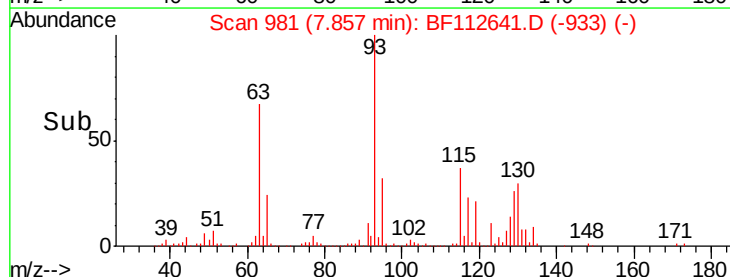


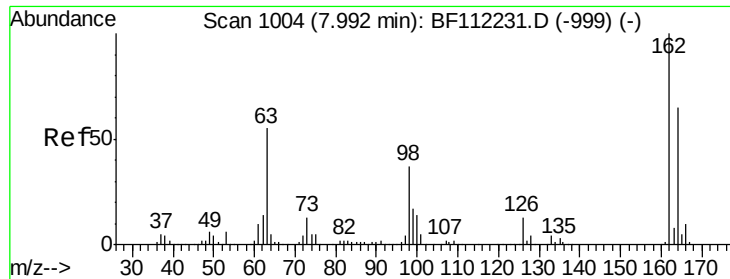
#28
bis(2-Chloroethoxy)methane
Concen: 50.417 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 93 Resp: 271350
Ion Ratio Lower Upper
93 100
95 32.2 26.8 40.2
123 11.4 10.2 15.2



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

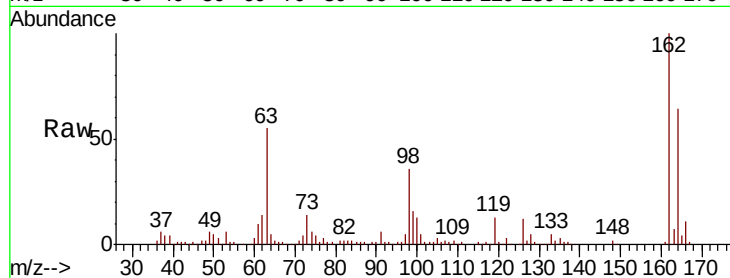




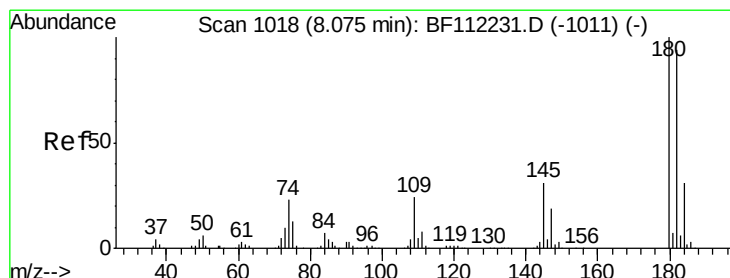
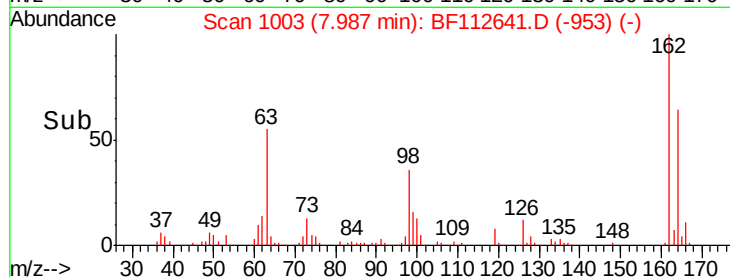
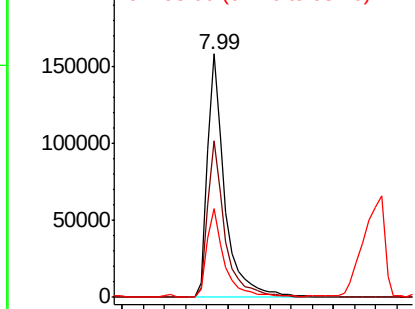
#29
 2,4-Dichlorophenol
 Concen: 43.893 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 181990
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.6 84.6
 98 36.4 14.6 54.6

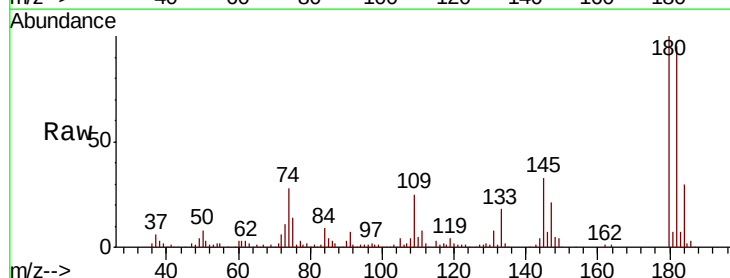


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

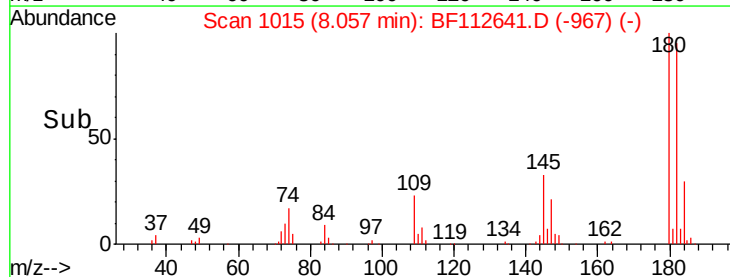
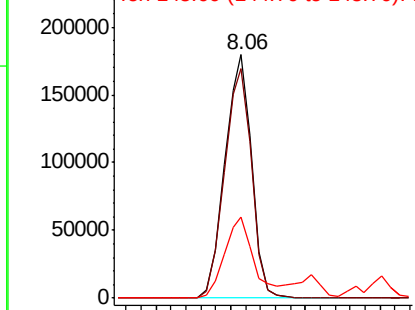


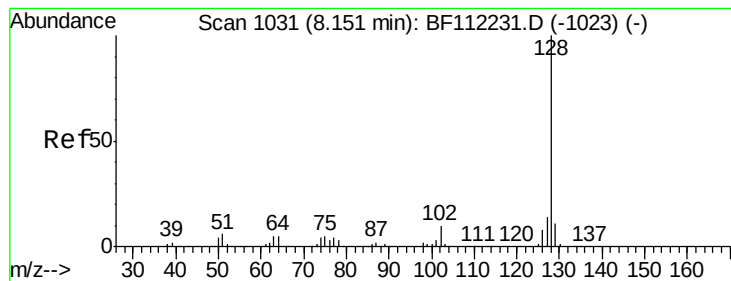
#30
 1,2,4-Trichlorobenzene
 Concen: 47.293 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion:180 Resp: 225395
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.4 114.6
 145 33.5 25.0 37.4



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: 376.234 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

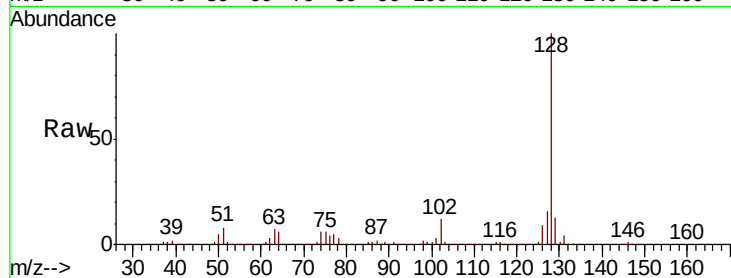
Tot Ion:128 Resp: 5107953

Ion Ratio Lower Upper

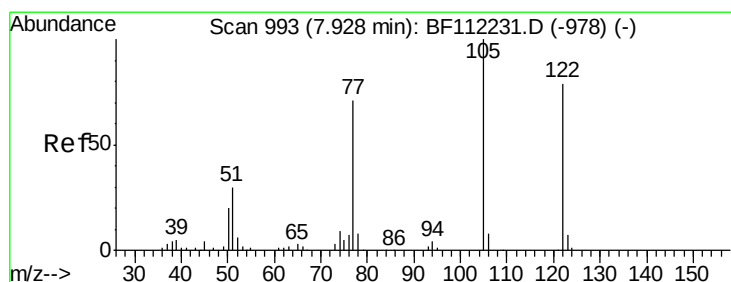
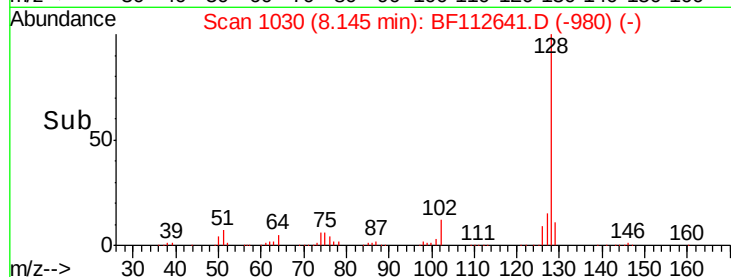
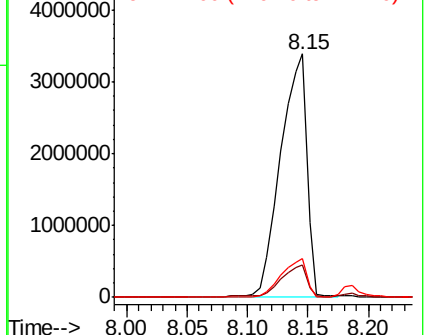
128 100

129 13.3 9.6 14.4

127 15.9 11.1 16.7



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: 97.053 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.03 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

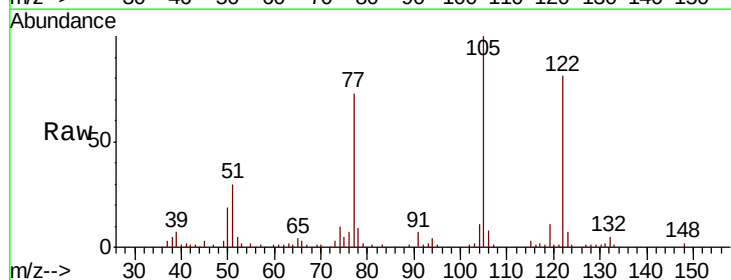
Tgt Ion:122 Resp: 205116

Ion Ratio Lower Upper

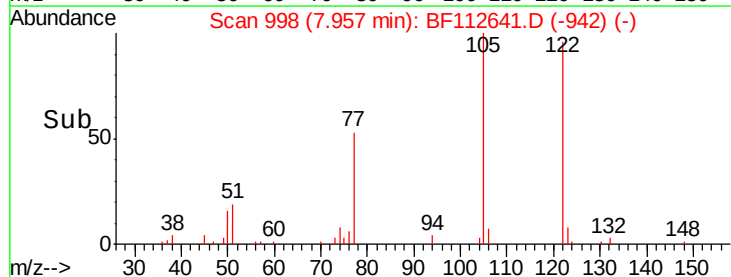
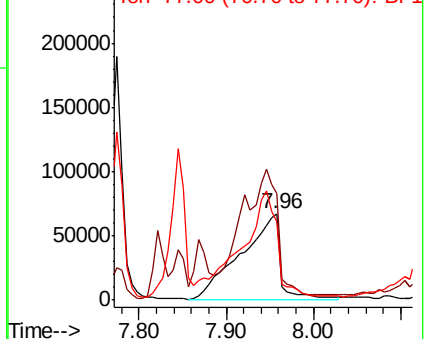
122 100

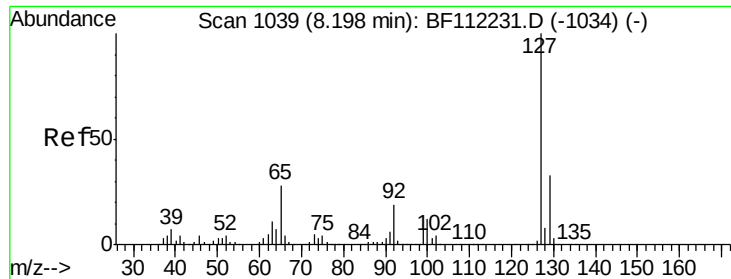
105 123.5 101.2 141.2

77 90.7 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

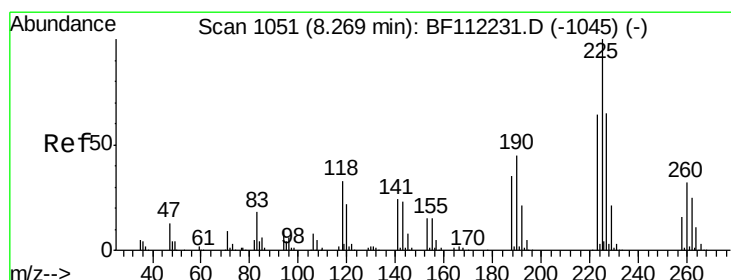
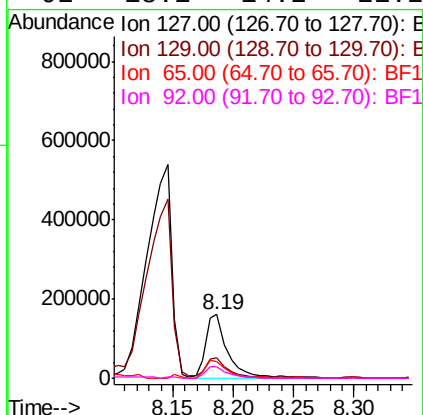
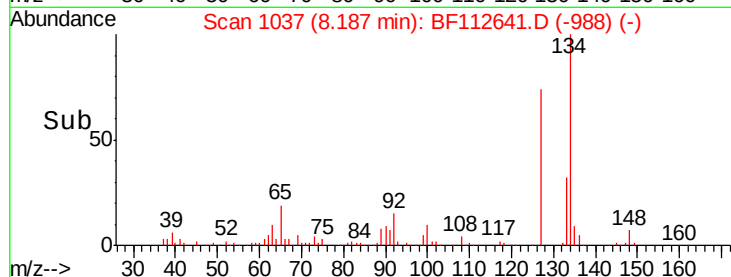
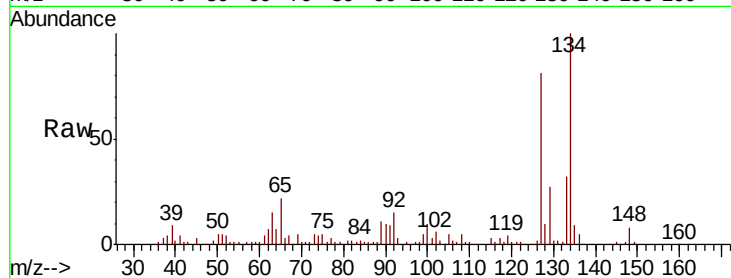




#33
4-Chloroaniline
Concen: 33.218 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

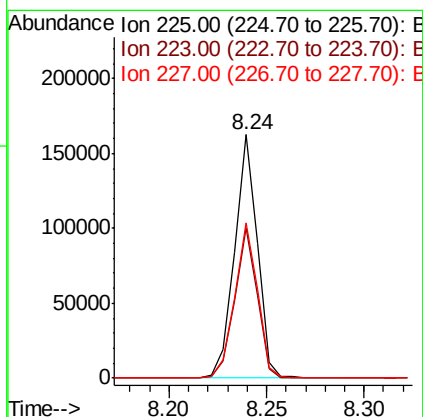
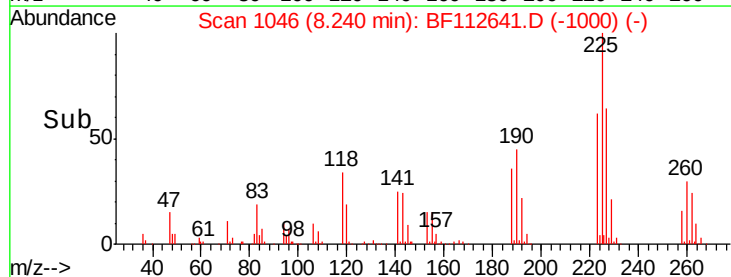
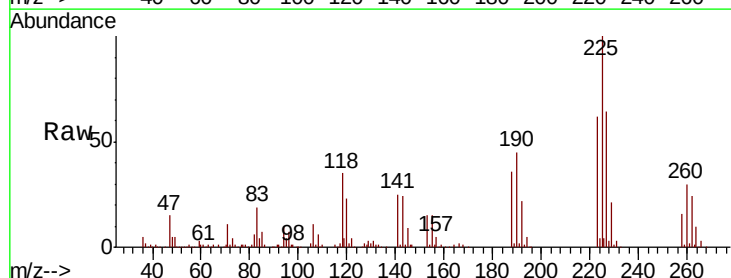
Instrument :
BNA_F
ClientSampleId :

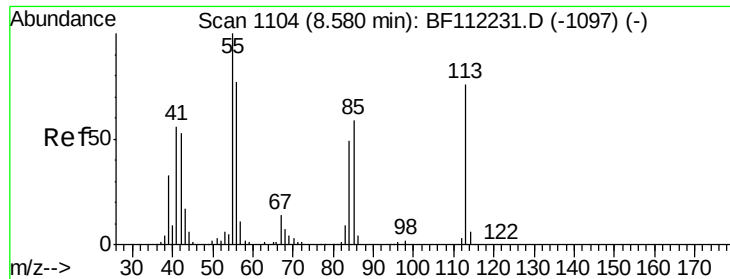
Tot Ion:	127	Resp:	196368
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	27.2	21.4	32.2
92	18.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 46.651 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:	225	Resp:	130470
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	63.9	51.8	77.8

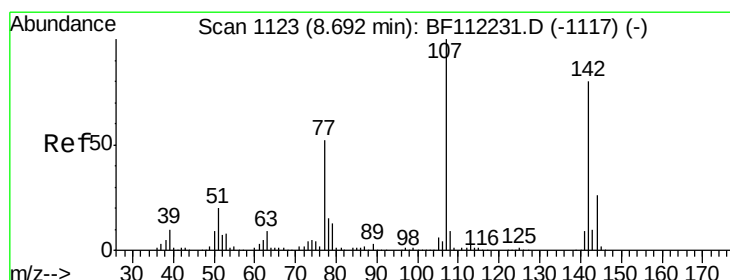
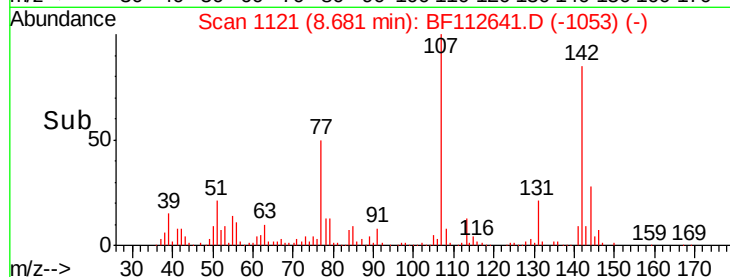
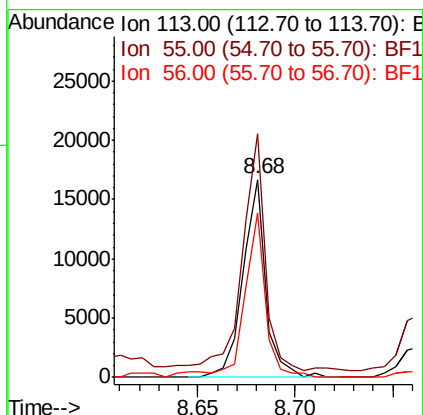
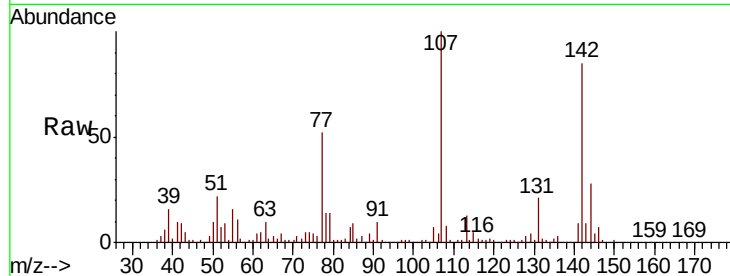




#35
Caprolactam
Concen: 9.224 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.10 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

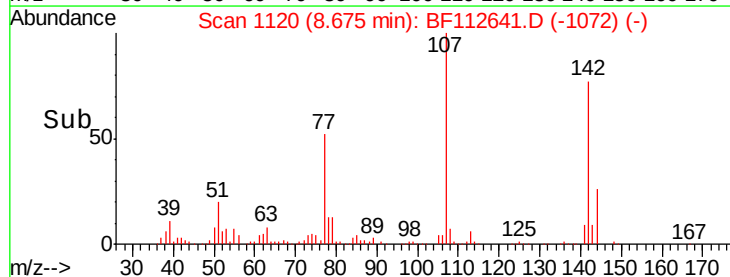
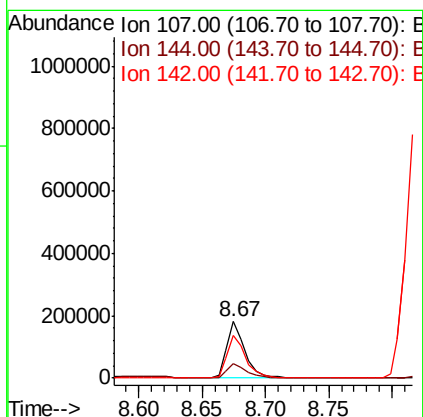
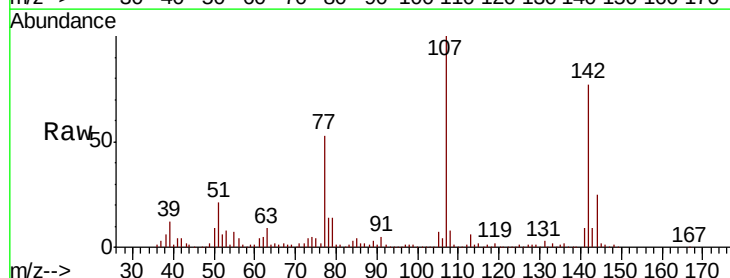
Instrument :
BNA_F
ClientSampleId :

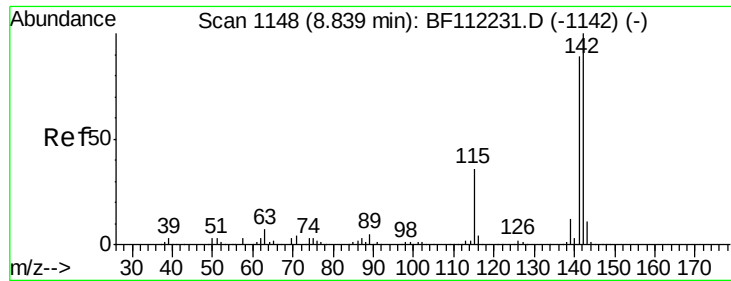
Tot Ion:113 Resp: 13492
Ion Ratio Lower Upper
113 100
55 123.2 121.6 161.6
56 83.3 86.7 126.7#



#36
4-Chloro-3-methylphenol
Concen: 40.167 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:107 Resp: 176302
Ion Ratio Lower Upper
107 100
144 25.5 22.2 33.2
142 77.0 67.7 101.5

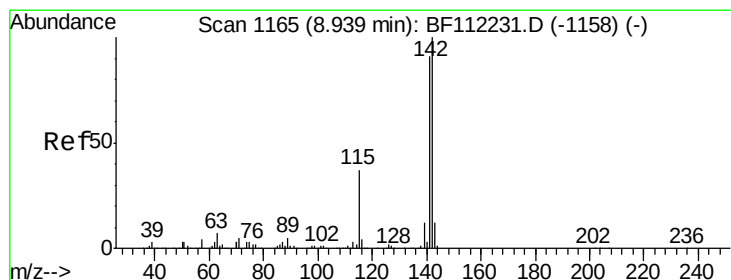
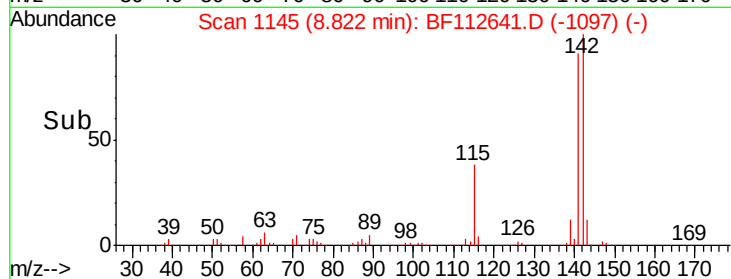
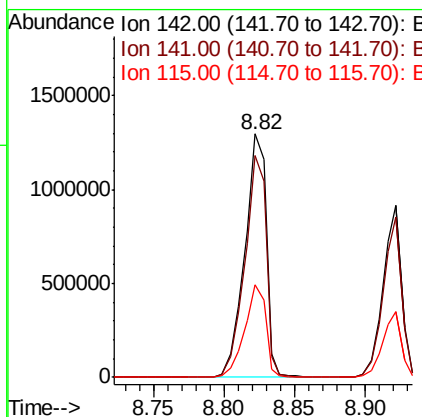
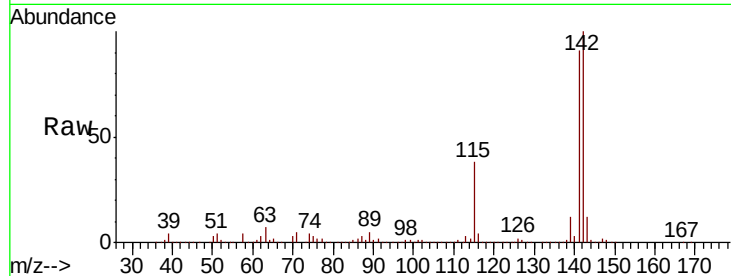




#37
2-Methylnaphthalene
Concen: 149.125 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

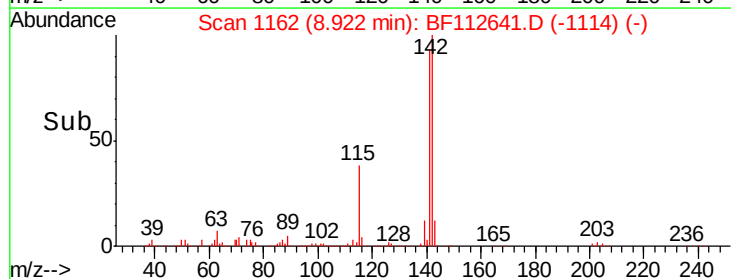
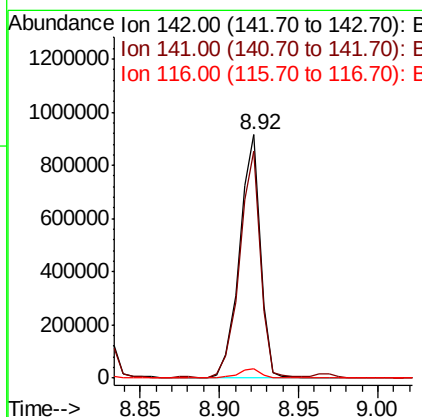
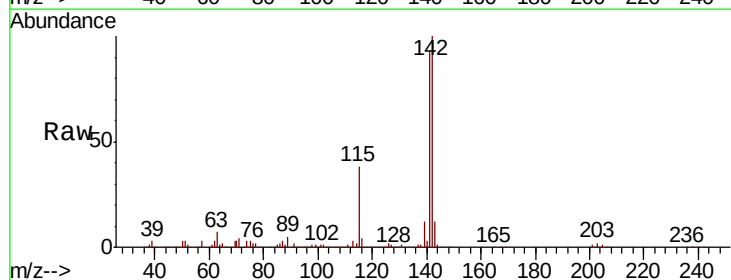
Instrument :
BNA_F
ClientSampleId :

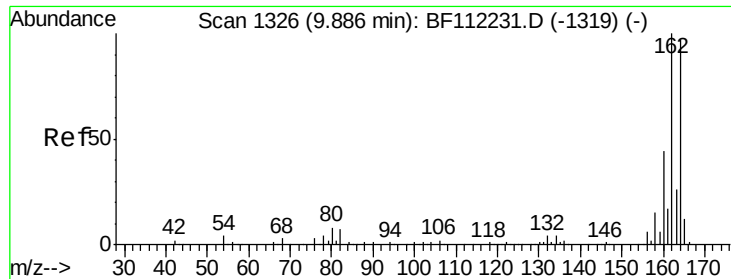
Tot Ion:142 Resp: 1386002
Ion Ratio Lower Upper
142 100
141 90.9 70.9 106.3
115 38.2 24.9 37.3#



#38
1-Methylnaphthalene
Concen: 93.091 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:142 Resp: 829292
Ion Ratio Lower Upper
142 100
141 93.3 72.6 108.8
116 4.1 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

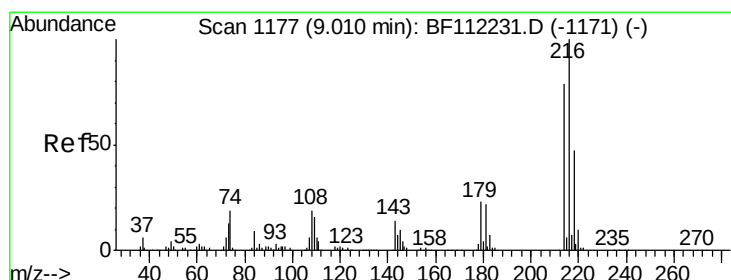
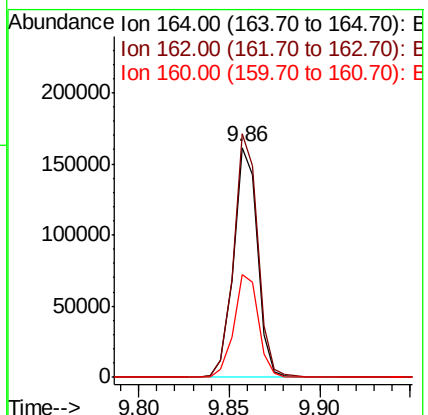
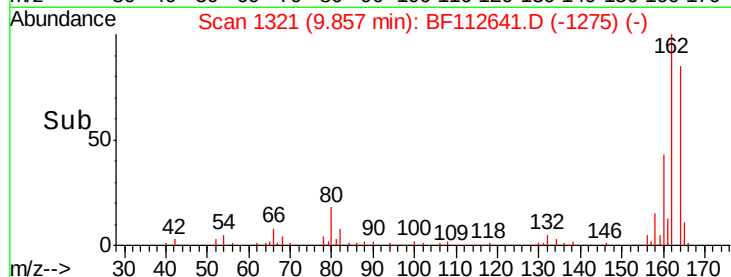
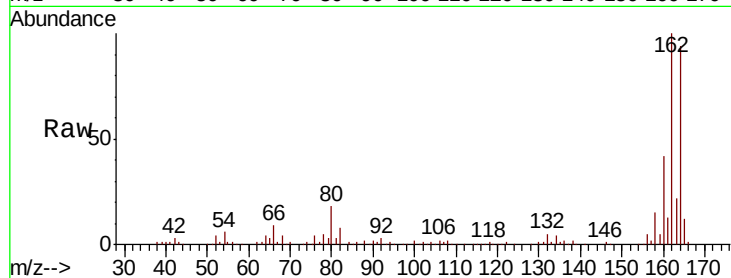
Tot Ion:164 Resp: 148305

Ion Ratio Lower Upper

164 100

162 106.1 82.2 123.4

160 44.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.784 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:216 Resp: 222941

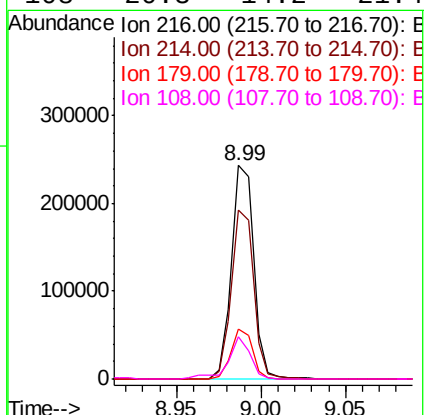
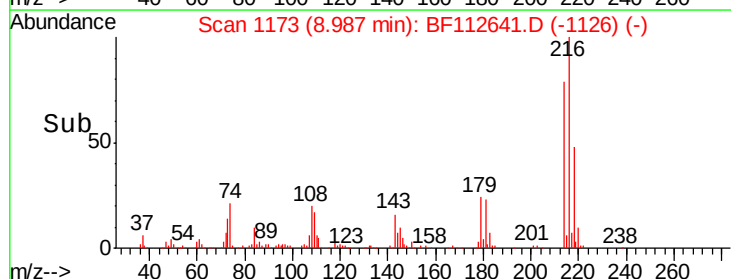
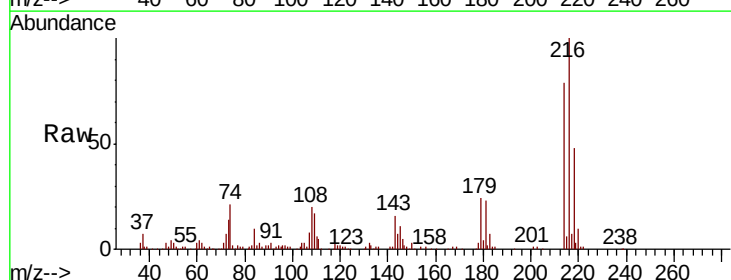
Ion Ratio Lower Upper

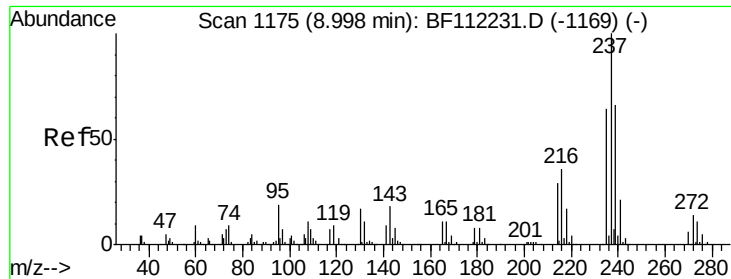
216 100

214 79.0 63.8 95.6

179 22.9 16.9 25.3

108 20.3 14.2 21.4

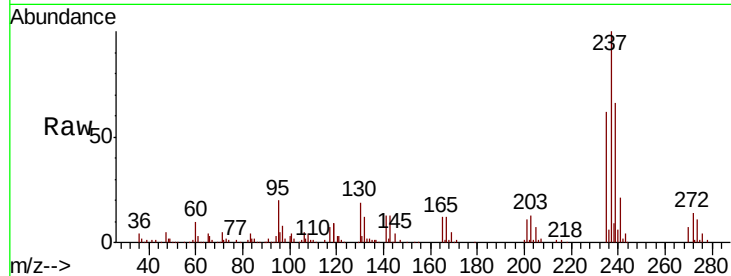




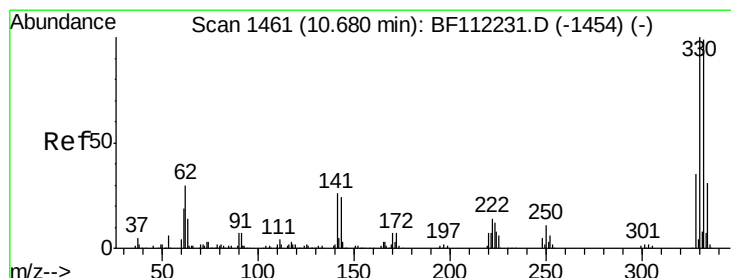
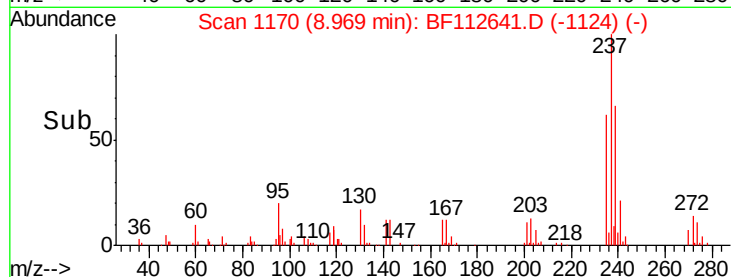
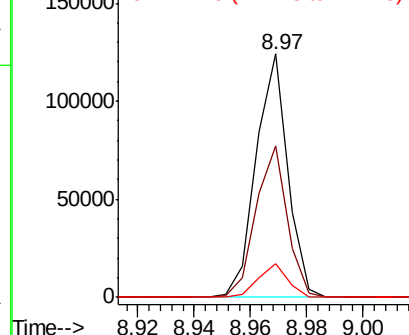
#41
Hexachlorocyclopentadiene
Concen: 55.366 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 96046
Ion Ratio Lower Upper
237 100
235 62.3 44.0 84.0
272 14.0 0.0 33.3

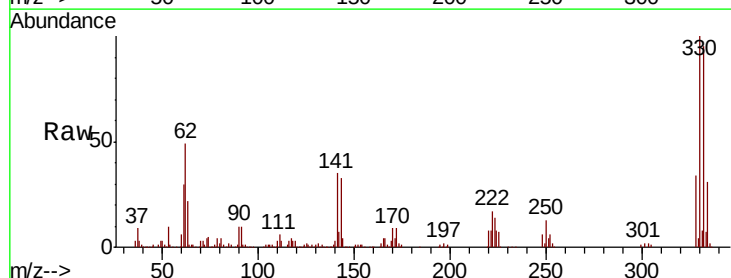


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

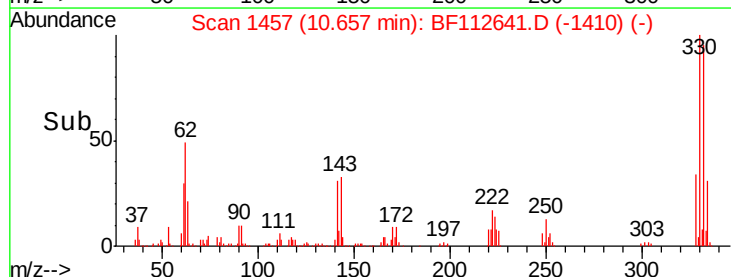
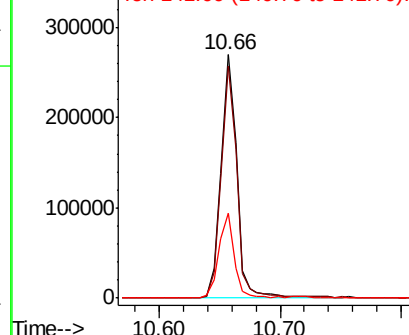


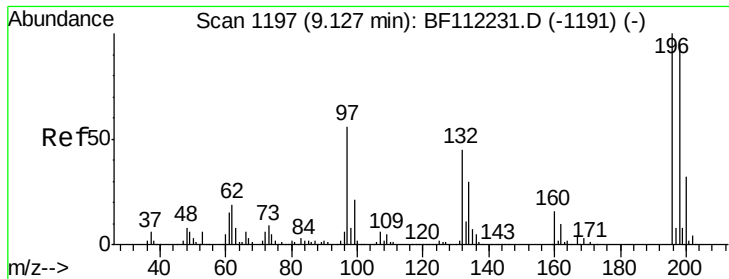
#42
2,4,6-Tribromophenol
Concen: 140.518 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:330 Resp: 242567
Ion Ratio Lower Upper
330 100
332 95.1 76.6 114.8
141 34.3 24.3 36.5



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

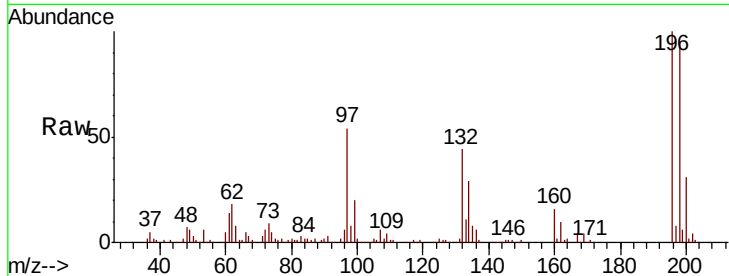




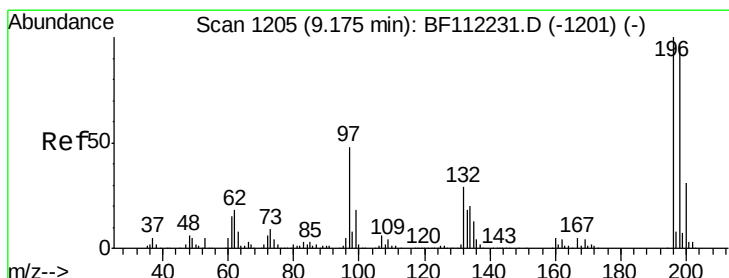
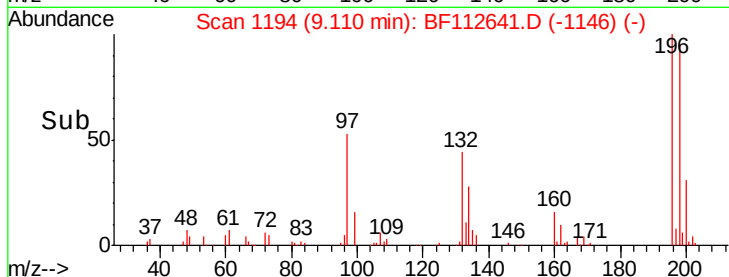
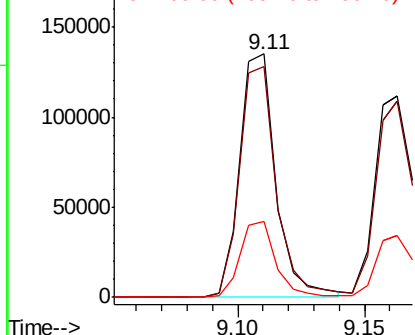
#43
 2,4,6-Trichlorophenol
 Concen: 44.814 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 134512
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 200 31.1 24.3 36.5

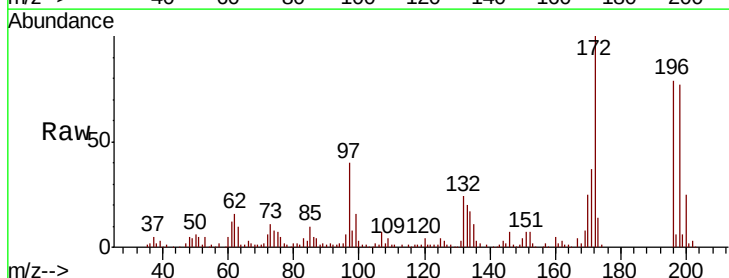


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

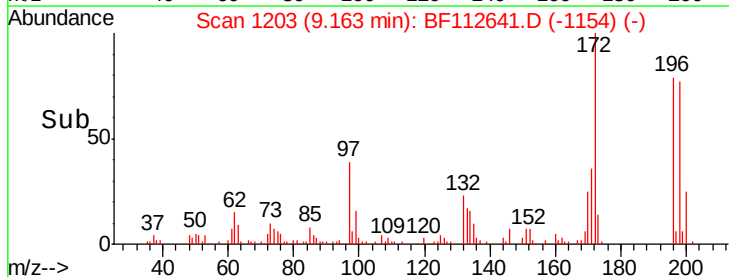
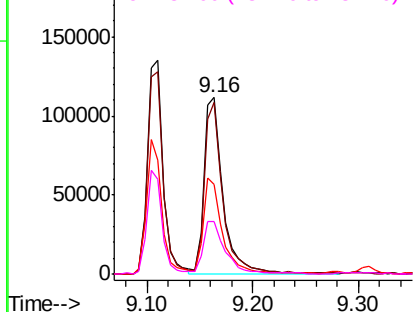


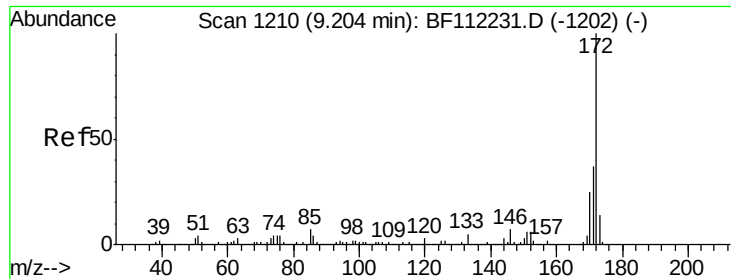
#44
 2,4,5-Trichlorophenol
 Concen: 44.022 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion:196 Resp: 138098
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.0 114.0
 97 50.9 36.4 54.6
 132 29.9 21.5 32.3



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



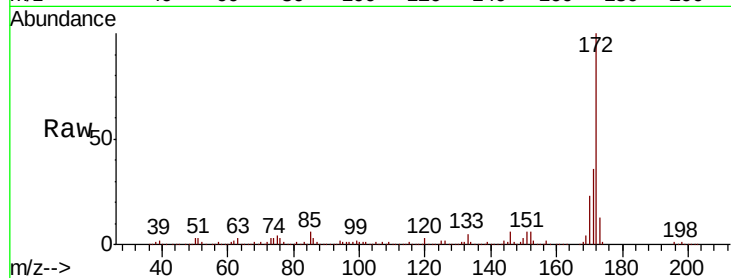


#45
 2-Fluorobiphenyl
 Concen: 98.890 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

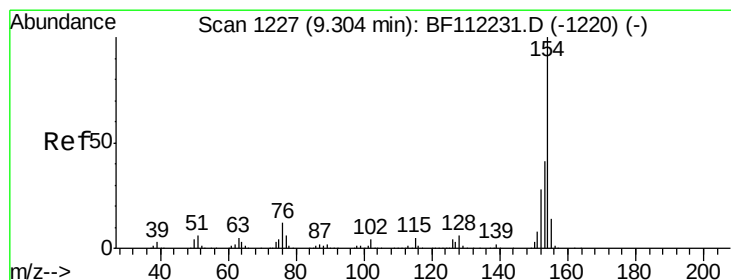
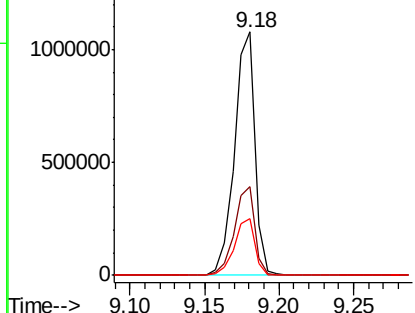
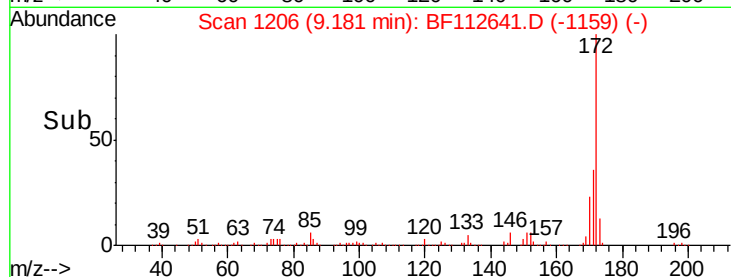
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1036949

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.3	20.2	30.4



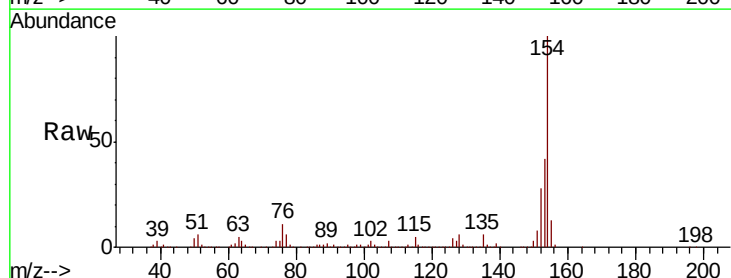
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



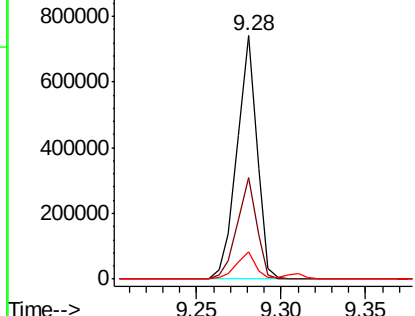
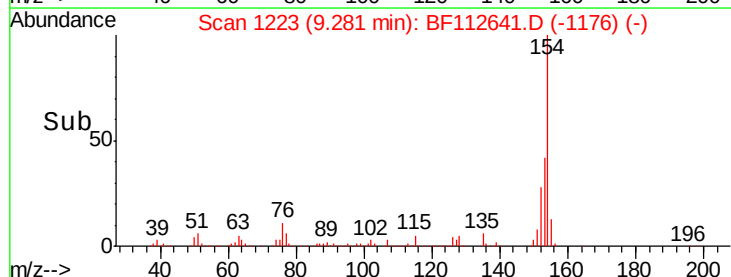
#46
 1,1'-Biphenyl
 Concen: 47.147 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

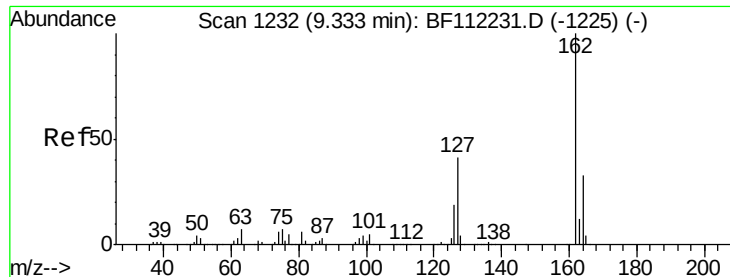
Tgt Ion:154 Resp: 611280

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.5	61.5
76	11.0	0.0	33.1



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

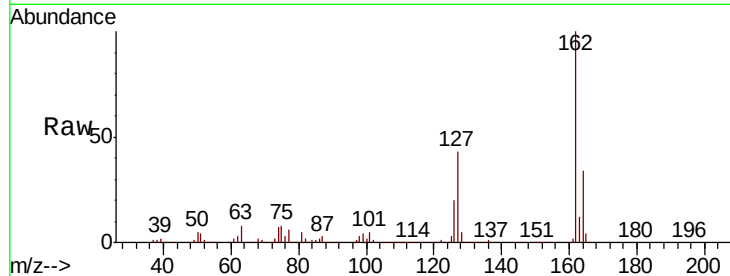




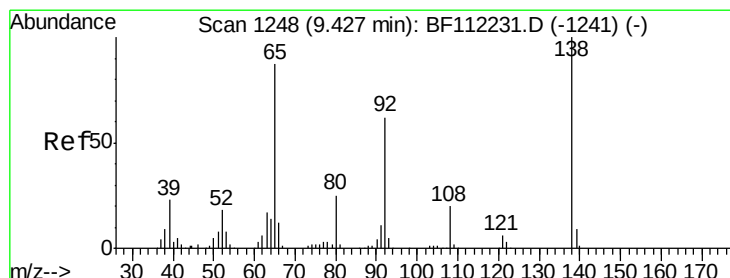
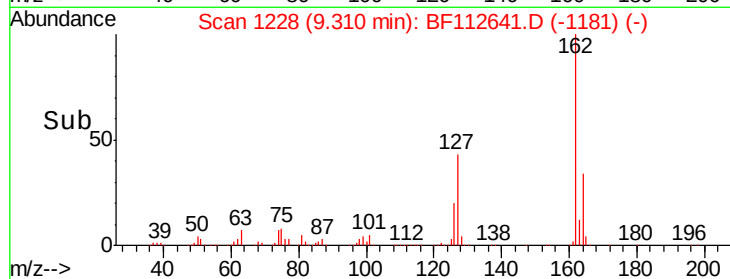
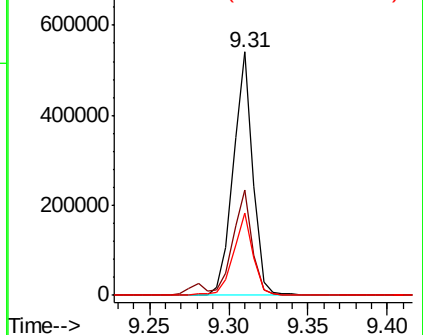
#47
 2-Chloronaphthalene
 Concen: 46.042 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	30.4	45.6
164	33.8	27.4	41.2

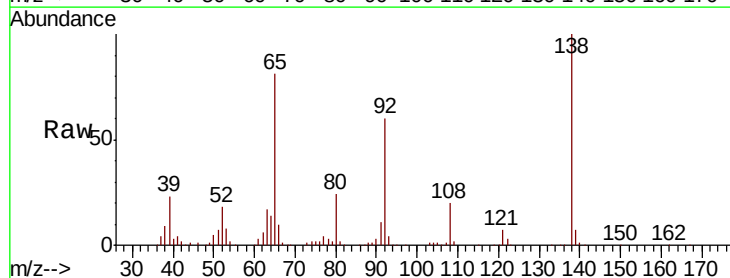


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

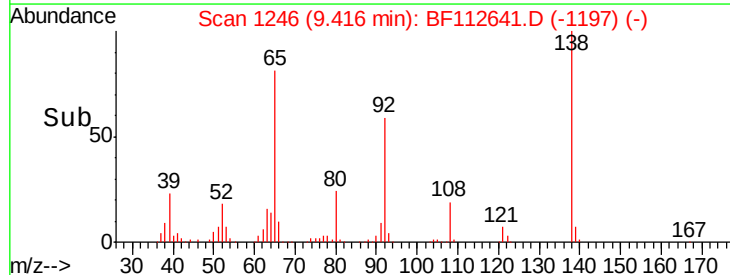
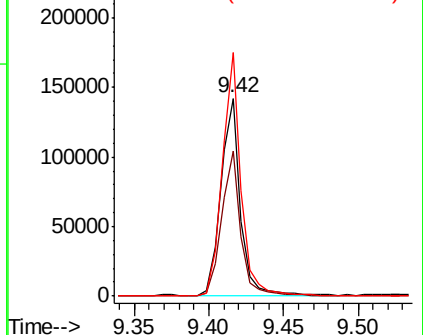


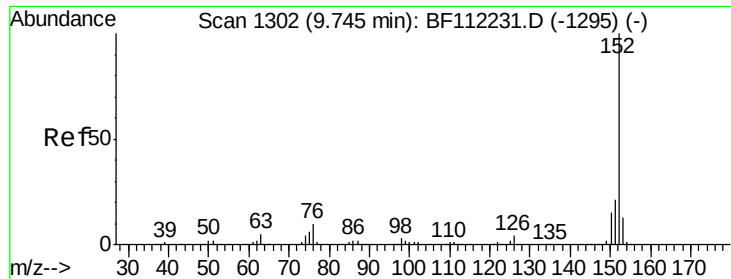
#48
 2-Nitroaniline
 Concen: 47.796 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	60.4	90.6
138	123.1	104.4	156.6



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: 50.011 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

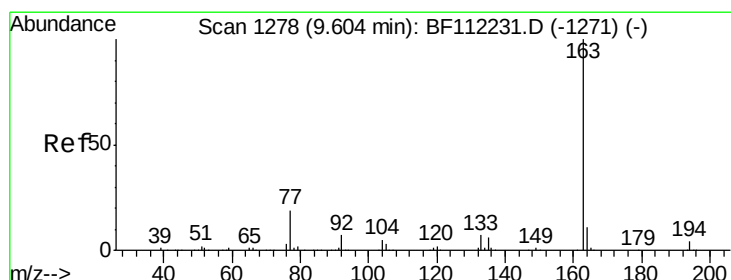
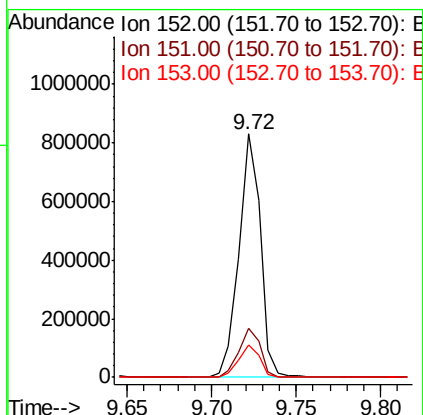
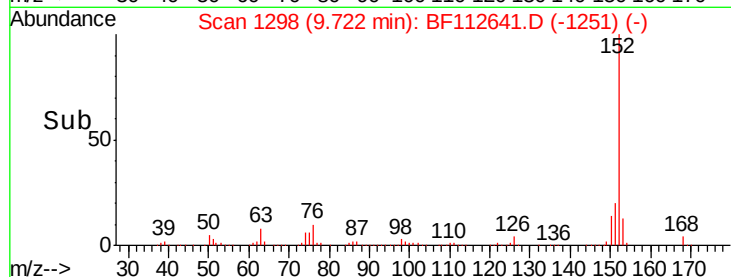
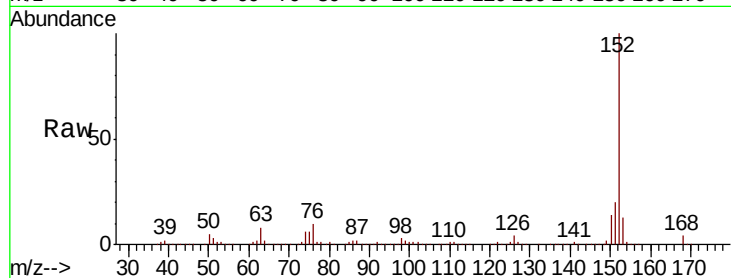
Tot Ion:152 Resp: 736994

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

153 13.3 11.2 16.8



#50

Dimethylphthalate

Concen: 48.254 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

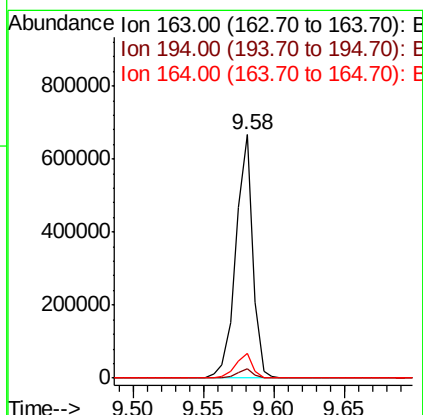
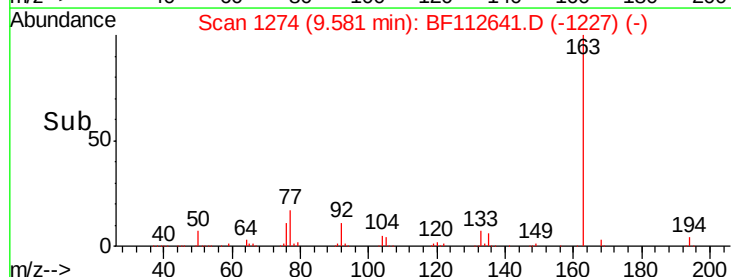
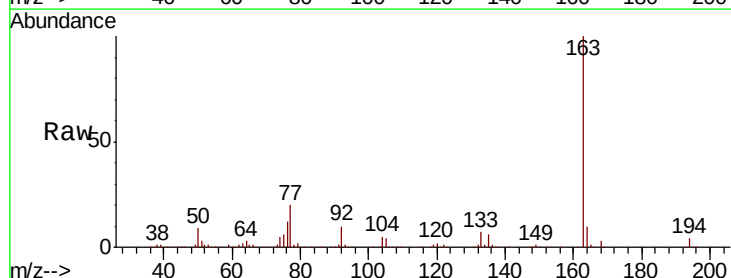
Tgt Ion:163 Resp: 556013

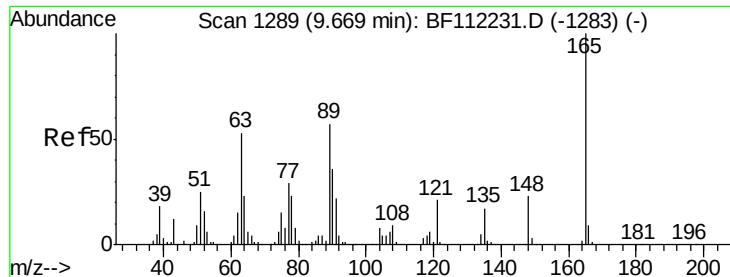
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.0 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 47.921 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampled :

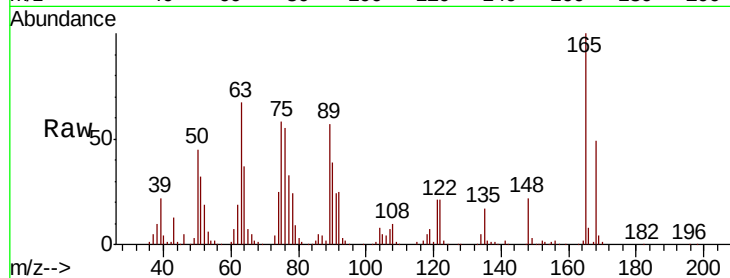
Tot Ion:165 Resp: 123664

Ion Ratio Lower Upper

165 100

63 67.0 33.8 50.8#

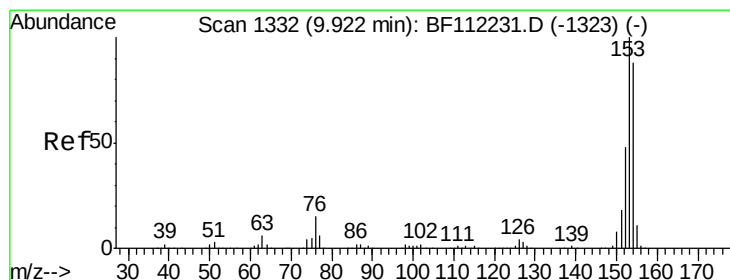
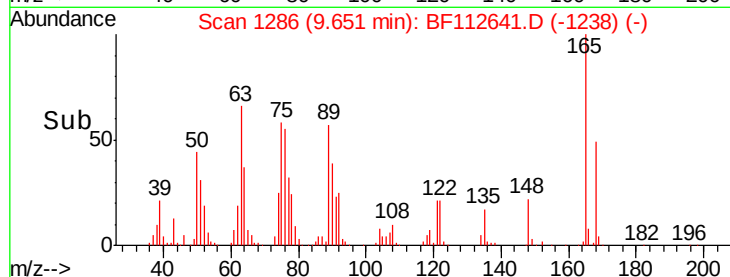
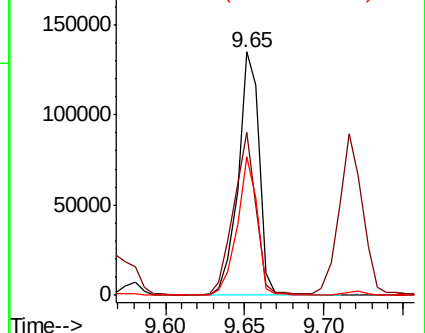
89 57.1 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.928 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

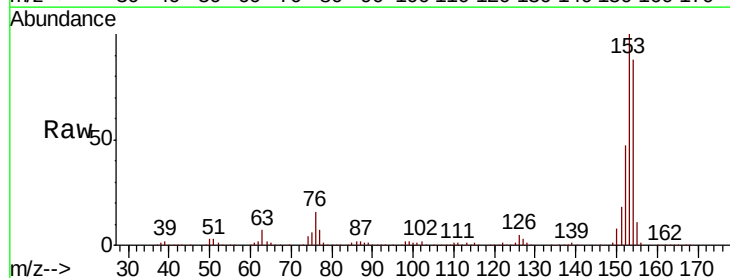
Tgt Ion:154 Resp: 430726

Ion Ratio Lower Upper

154 100

153 113.9 89.8 134.6

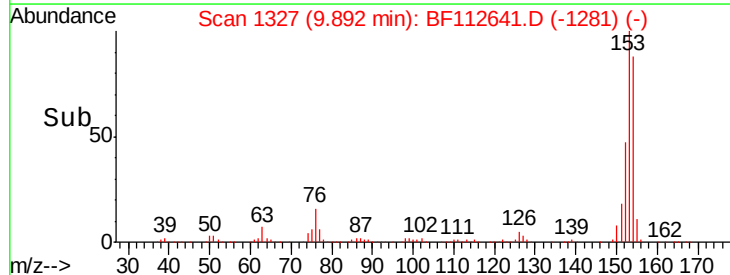
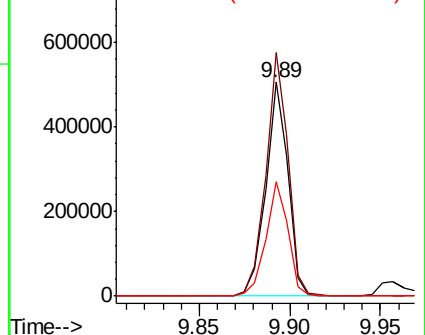
152 53.3 43.5 65.3

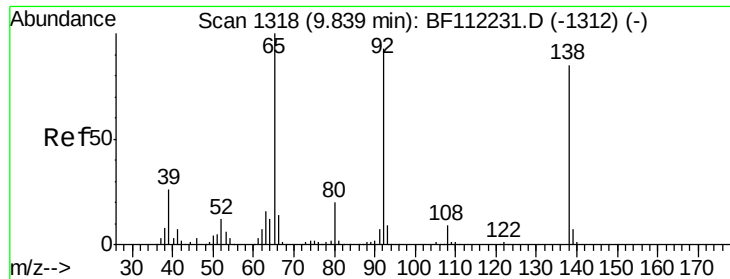


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

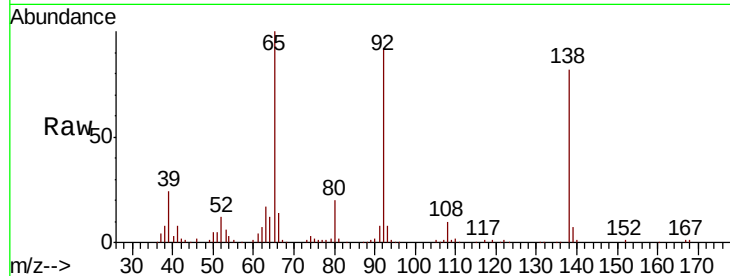




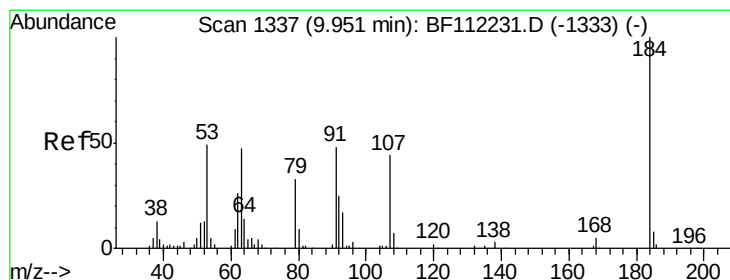
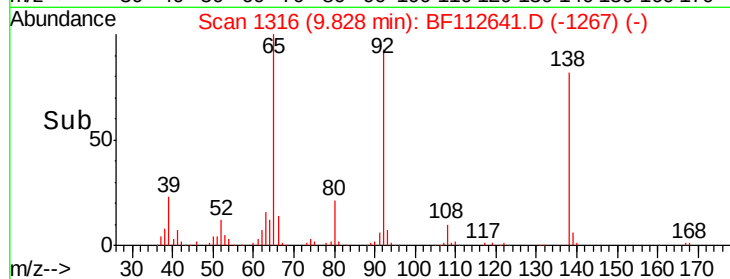
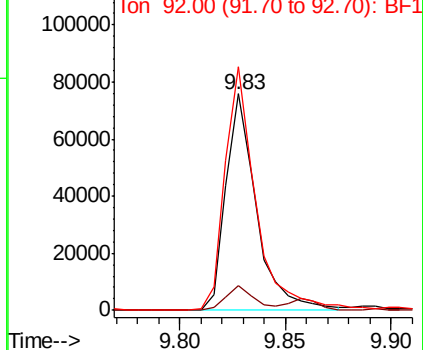
#53
 3-Nitroaniline
 Concen: 27.030 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 75570
 Ion Ratio Lower Upper
 138 100
 108 11.6 9.8 14.6
 92 112.6 79.4 119.2

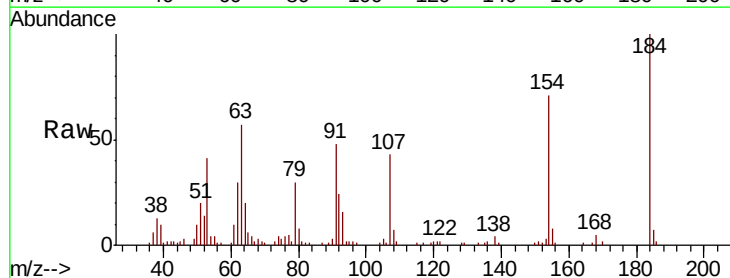


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

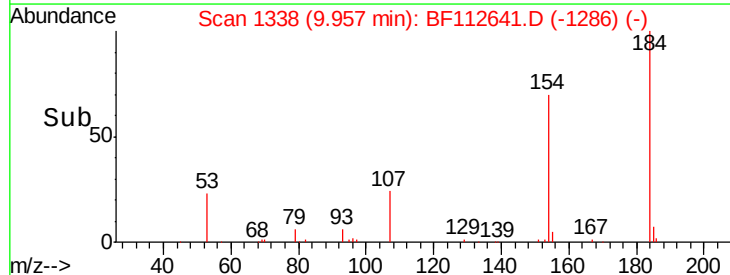
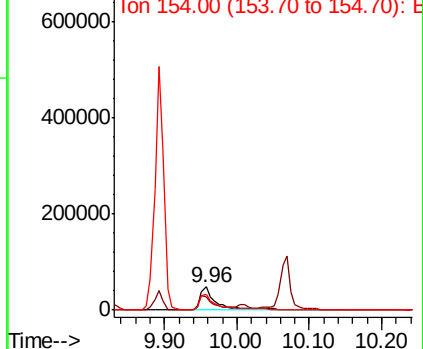


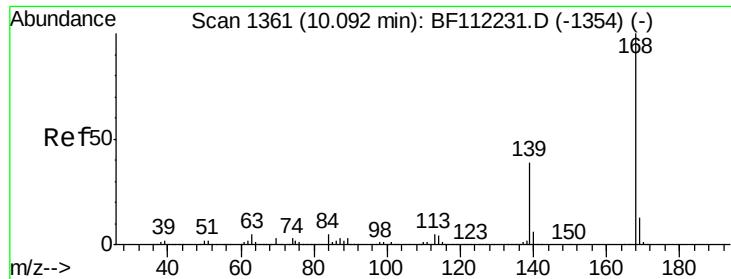
#54
 2,4-Dinitrophenol
 Concen: 96.991 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion:184 Resp: 80327
 Ion Ratio Lower Upper
 184 100
 63 57.0 47.1 70.7
 154 71.2 48.9 73.3



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

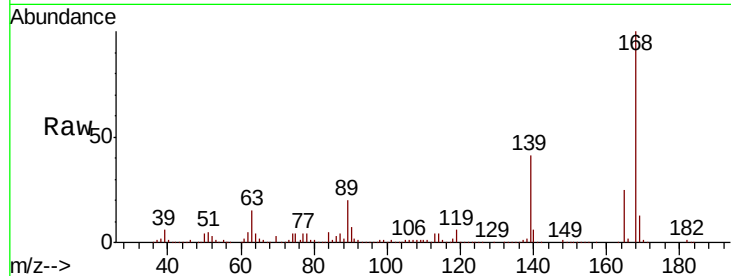




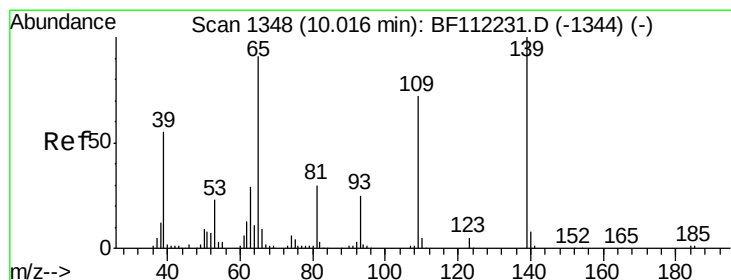
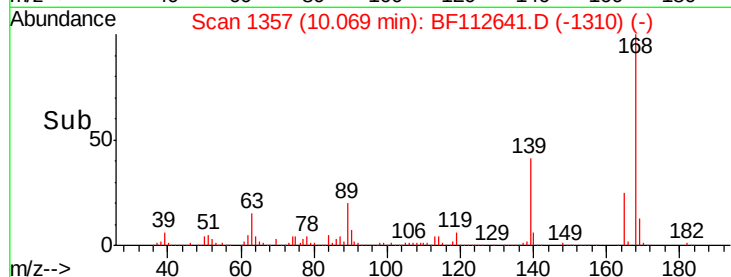
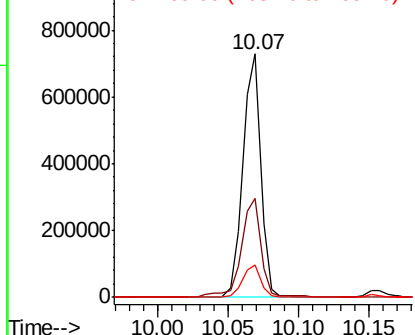
#55
Dibenzofuran
Concen: 47.864 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 643896
Ion Ratio Lower Upper
168 100
139 40.5 29.2 43.8
169 13.3 11.4 17.0

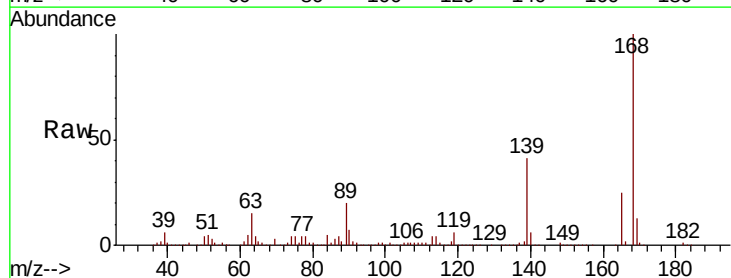


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

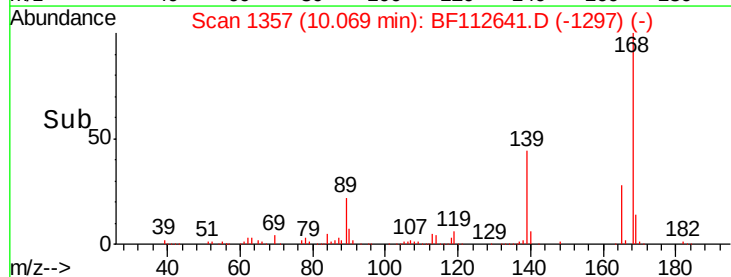
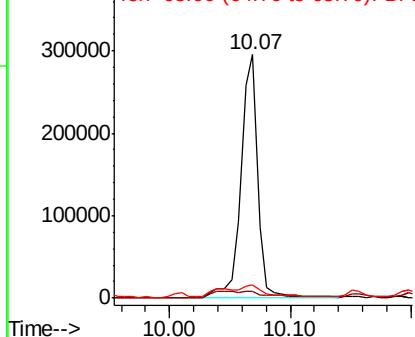


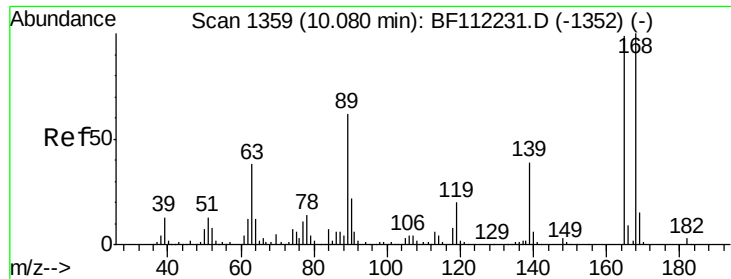
#56
4-Nitrophenol
Concen: 197.966 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:139 Resp: 292612
Ion Ratio Lower Upper
139 100
109 2.7 42.8 82.8#
65 5.4 66.1 106.1#



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

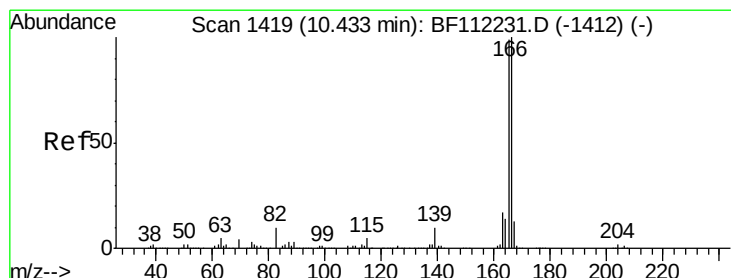
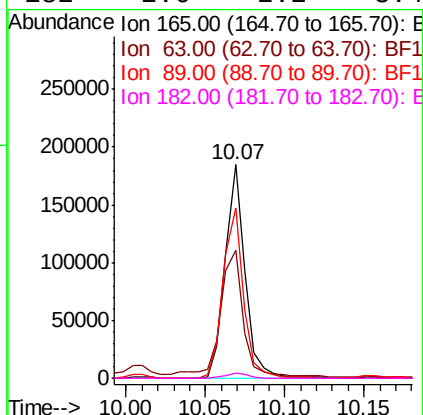
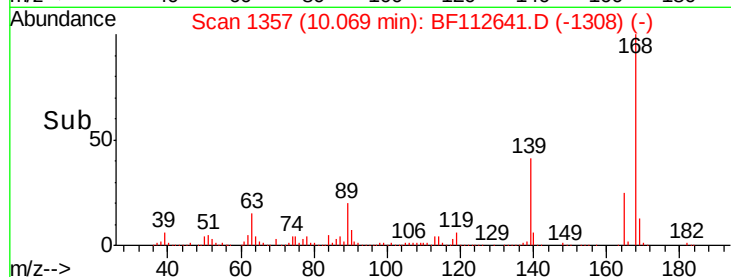
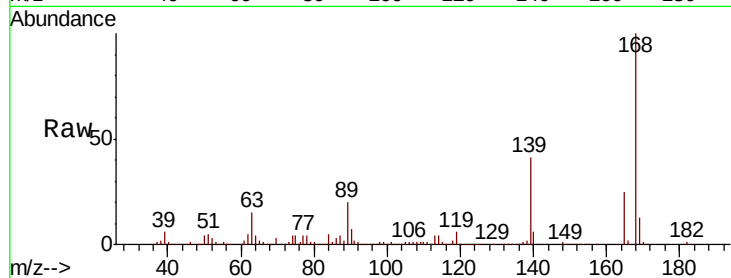




#57
2,4-Dinitrotoluene
Concen: 49.096 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

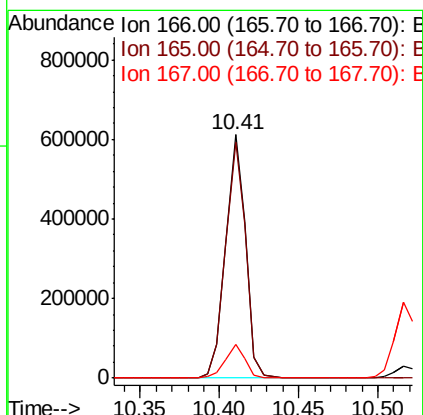
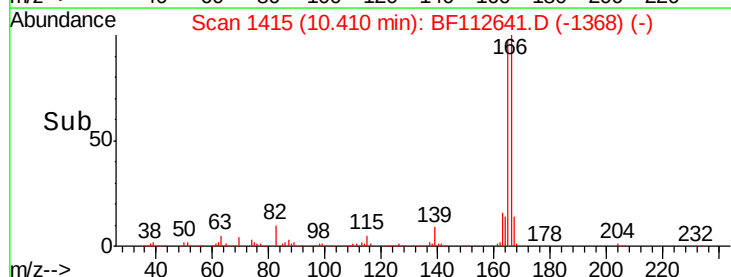
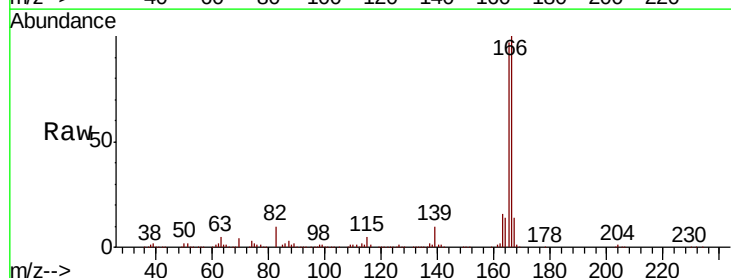
Instrument :
BNA_F
ClientSampleId :

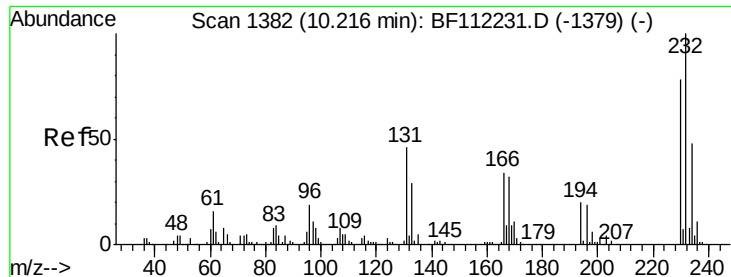
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	27.9	41.9#
89	79.6	47.9	71.9#
182	2.6	2.2	3.4



#58
Fluorene
Concen: 53.036 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.1	115.7
167	13.6	11.3	16.9

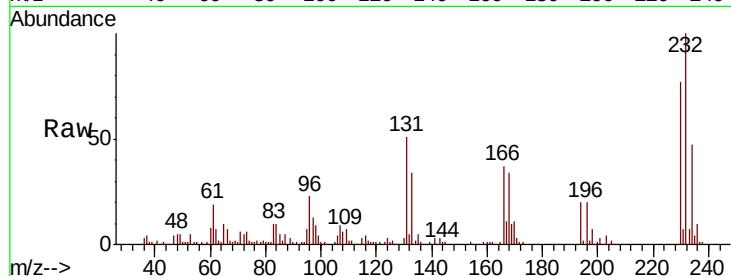




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.093 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.5	33.9	50.9
130	2.9	1.8	2.6
166	34.1	23.6	35.4



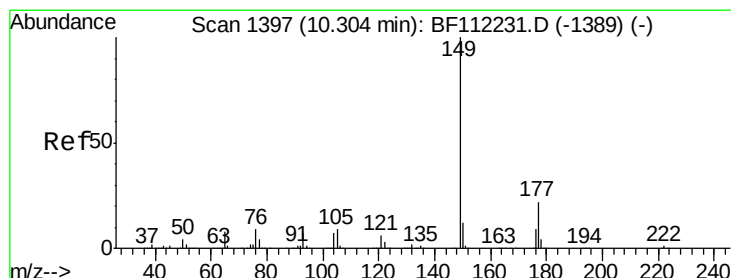
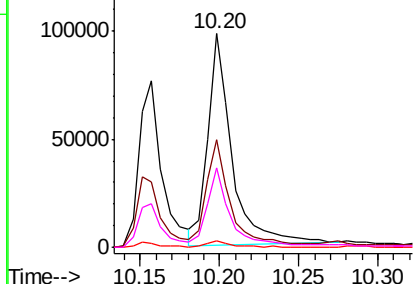
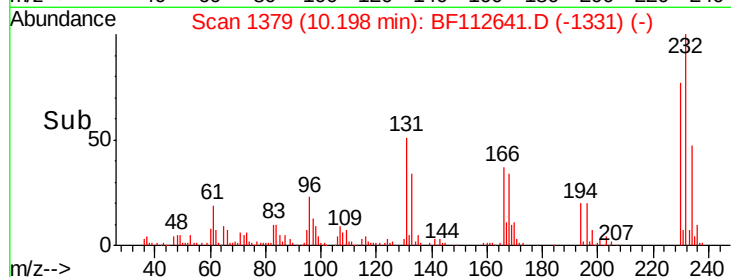
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

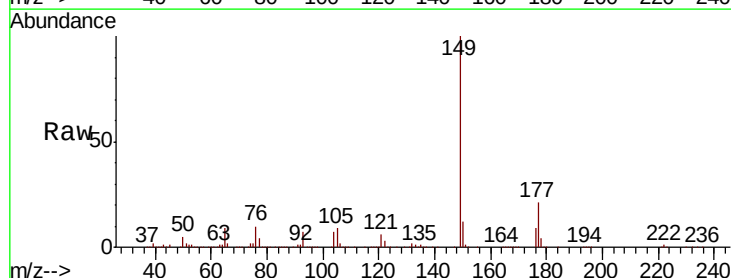
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 51.009 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.03 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.2	27.2
150	12.2	10.4	15.6

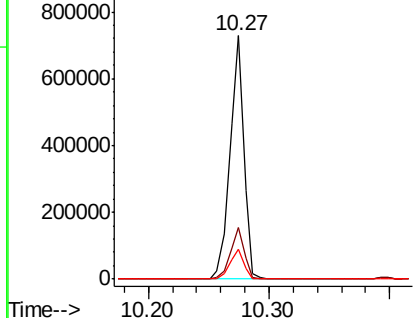
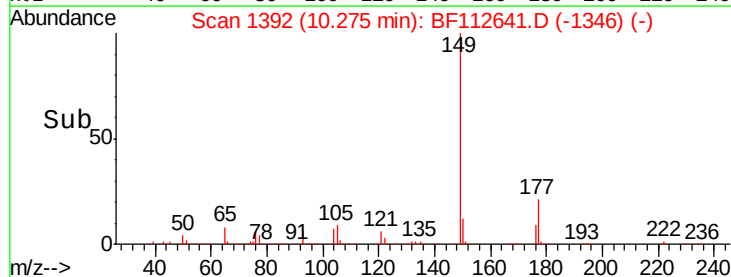


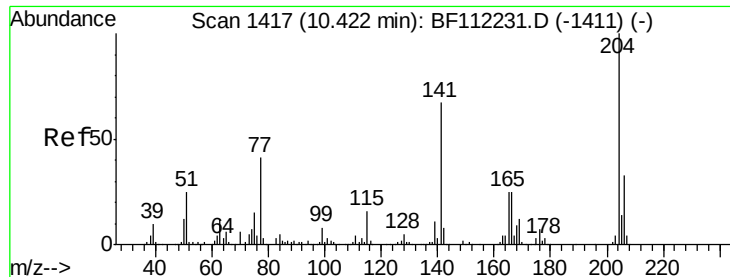
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

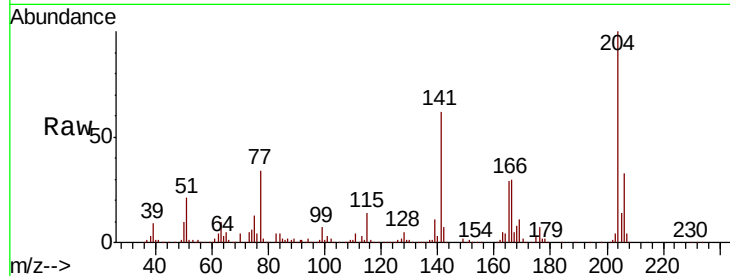




#61
4-Chlorophenyl-phenylether
Concen: 47.278 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	61.6	45.9	68.9

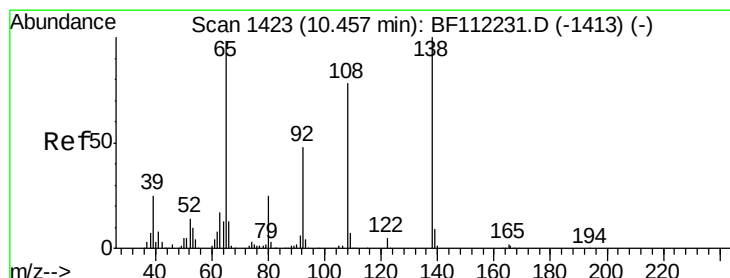
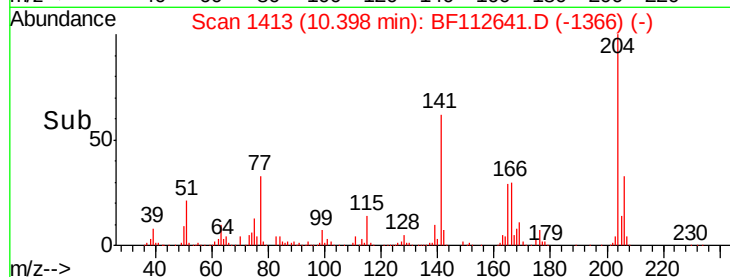
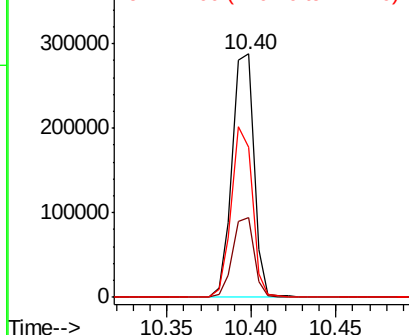


Abundance

Ion 204.00 (203.70 to 204.70): E

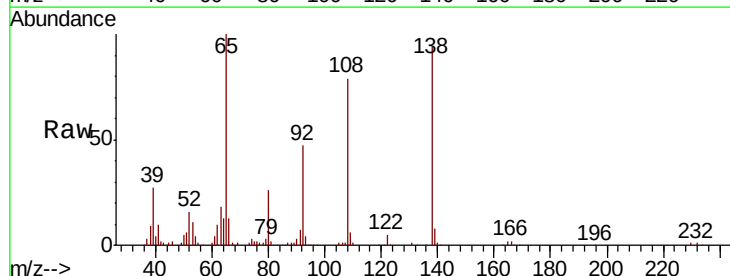
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.919 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.6	70.6
108	83.4	50.0	90.0

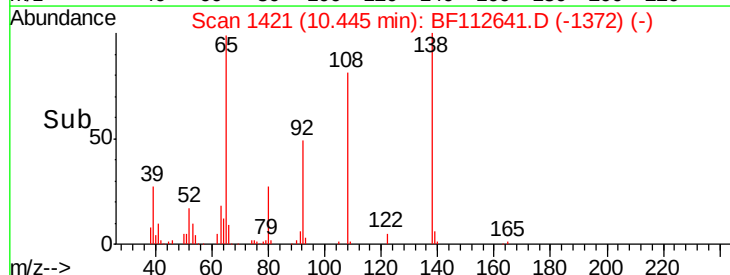
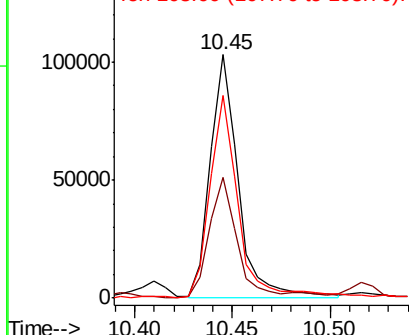


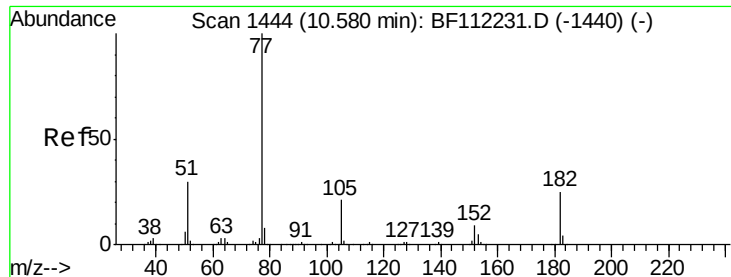
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

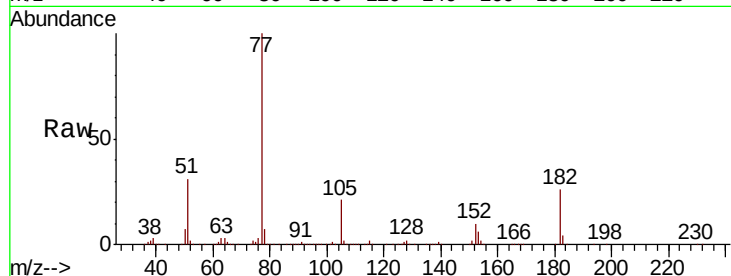




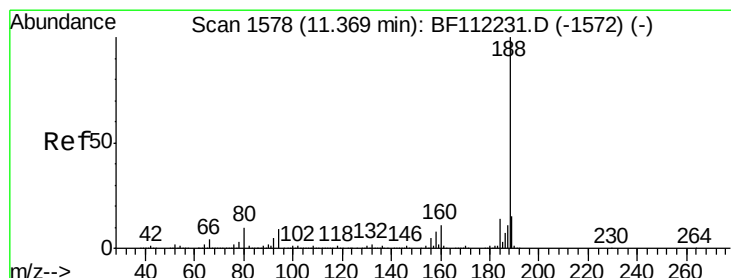
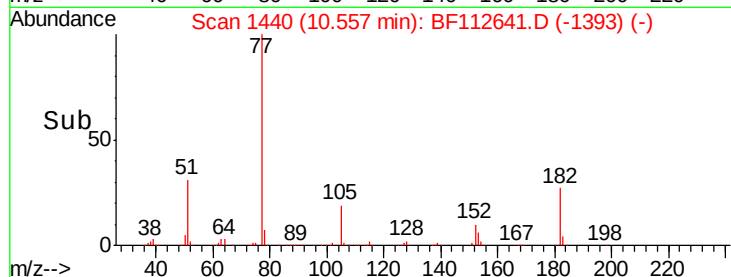
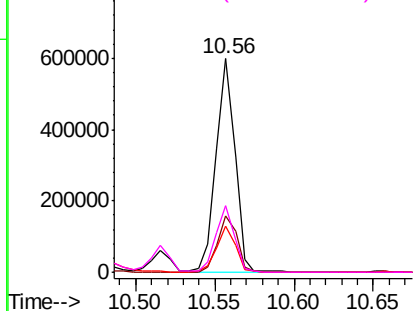
#63
Azobenzene
Concen: 49.342 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	496221
Ion	Ratio	Lower	Upper
77	100		
182	26.2	5.7	45.7
105	21.5	1.4	41.4
51	31.3	9.5	49.5

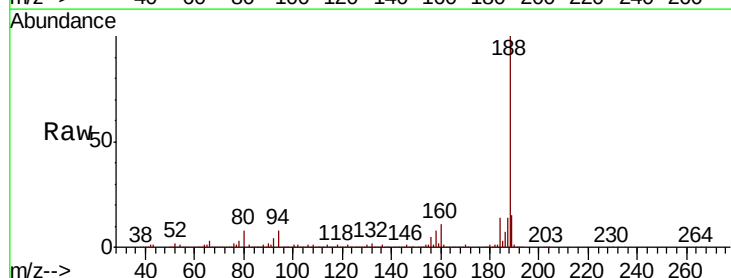


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

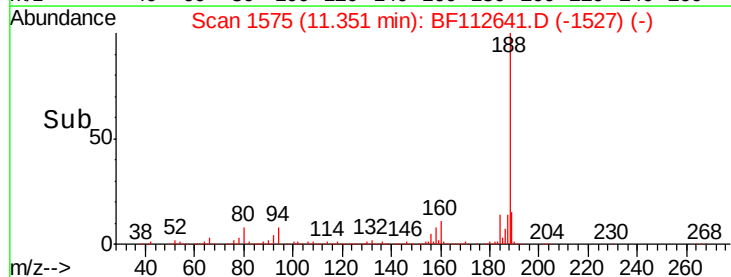
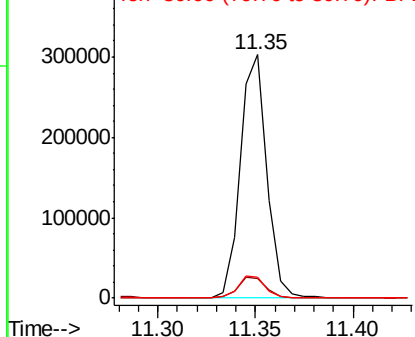


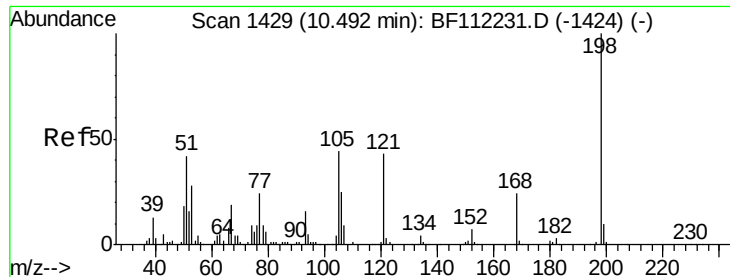
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:	188	Resp:	284592
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.4	8.9	13.3#



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

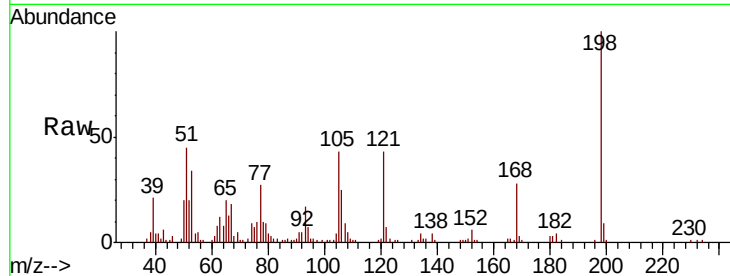




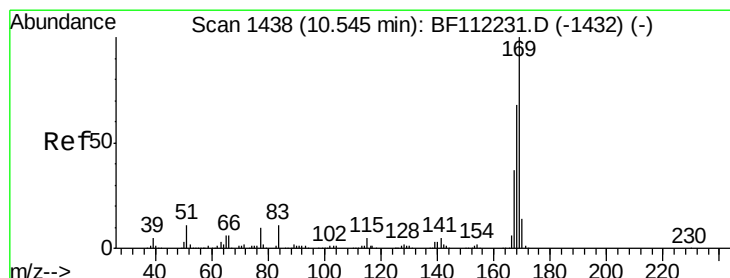
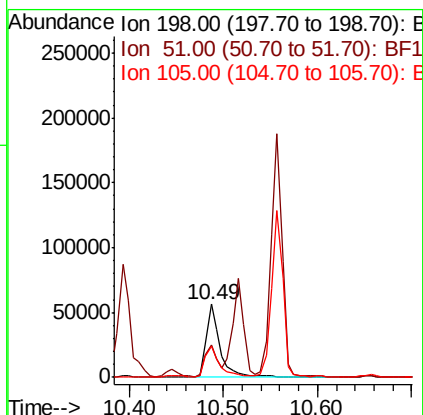
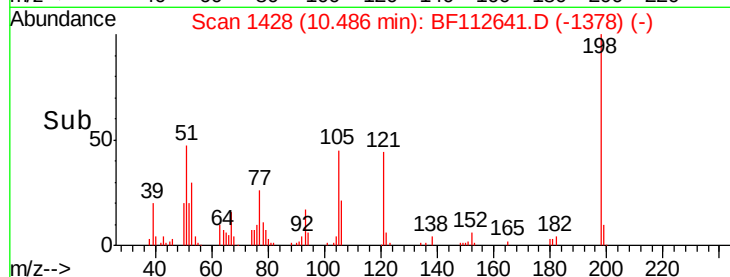
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.517 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 58266
 Ion Ratio Lower Upper
 198 100
 51 45.0 17.2 57.2
 105 43.1 21.9 61.9

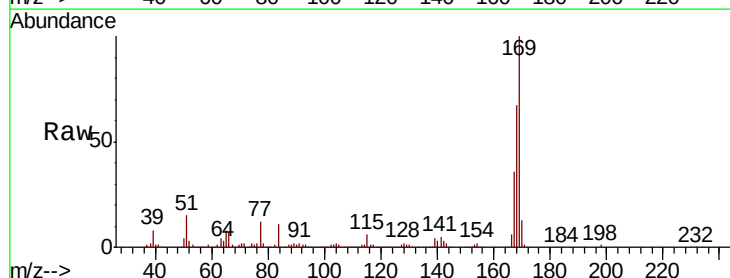


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

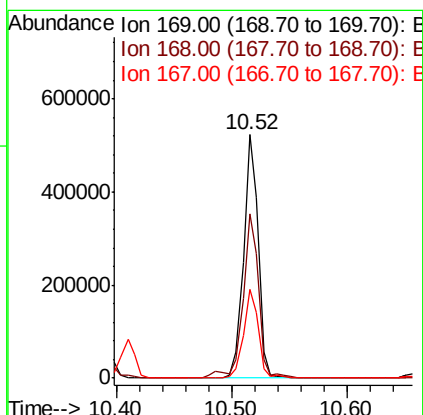
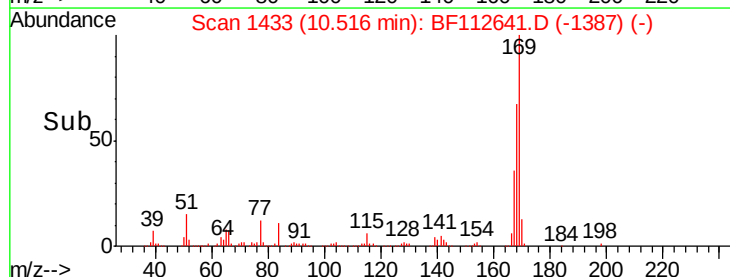


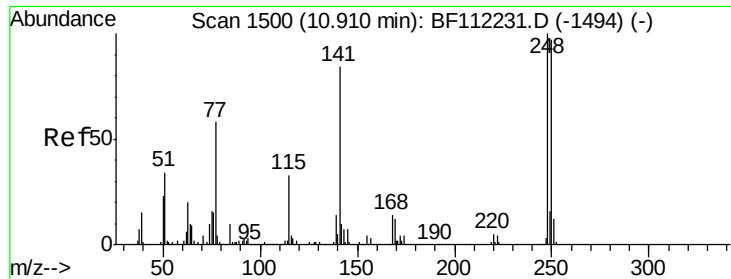
#66
 n-Nitrosodiphenylamine
 Concen: 47.990 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.03 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion:169 Resp: 460296
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.9 80.9
 167 36.3 28.9 43.3



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

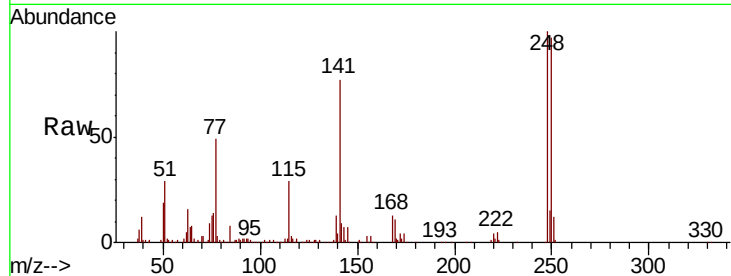




#67
 4-Bromophenyl-phenylether
 Concen: 46.331 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.7	119.5
141	76.9	60.3	90.5

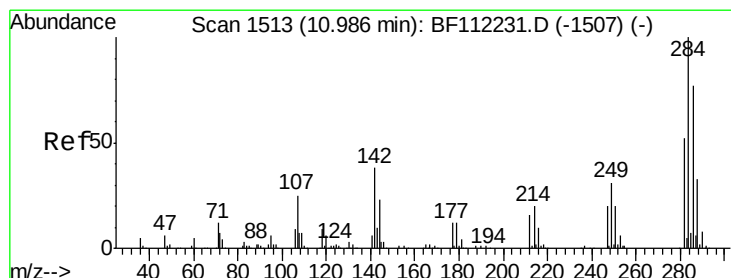
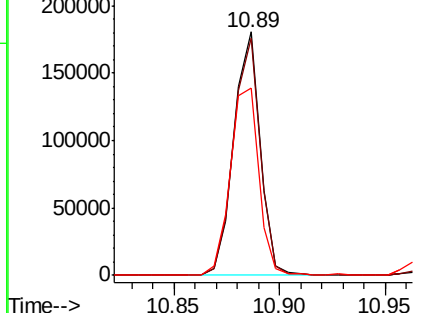
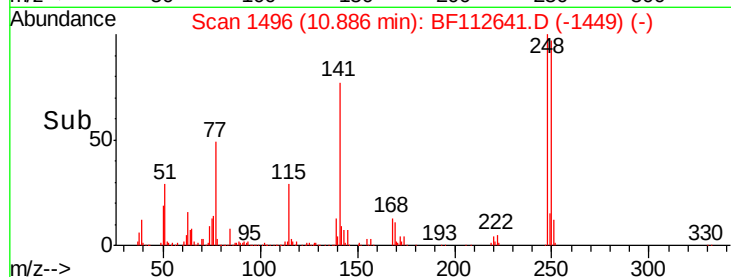


Abundance

Ion 248.00 (247.70 to 248.70): E

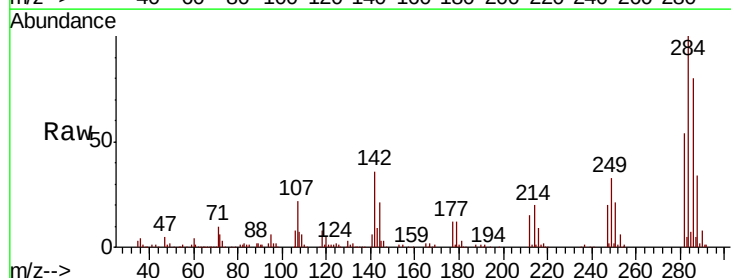
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.058 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	27.6	41.4
249	32.7	24.1	36.1

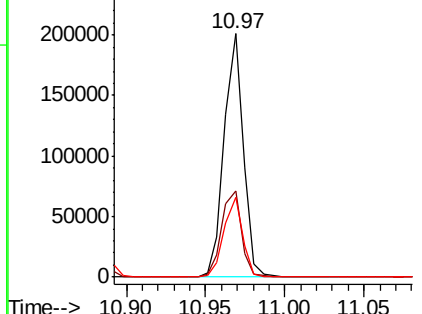
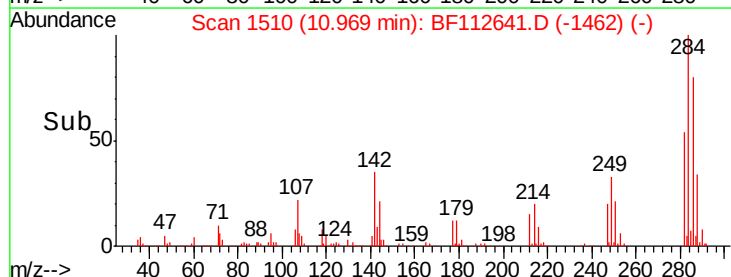


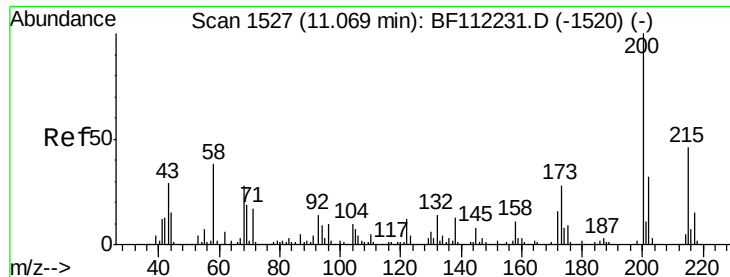
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

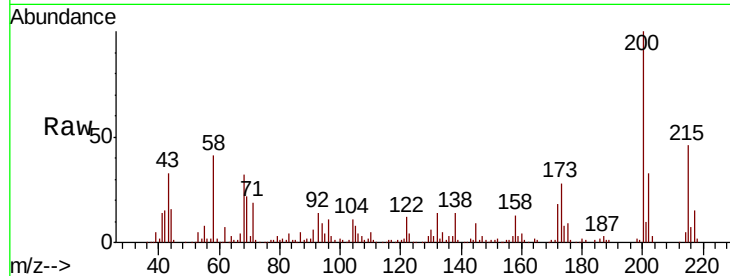




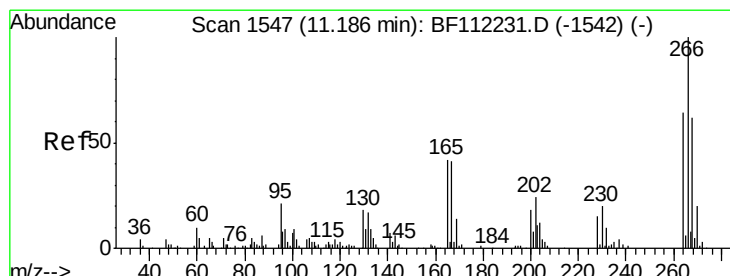
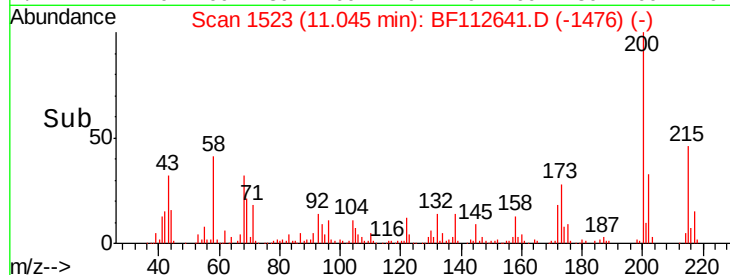
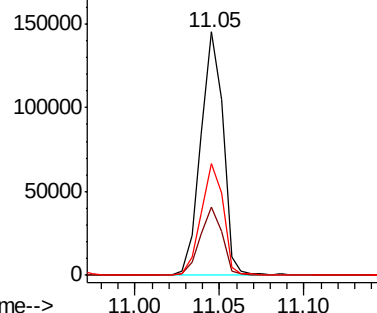
#69
Atrazine
Concen: 43.140 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.1	47.1
215	45.9	30.4	70.4

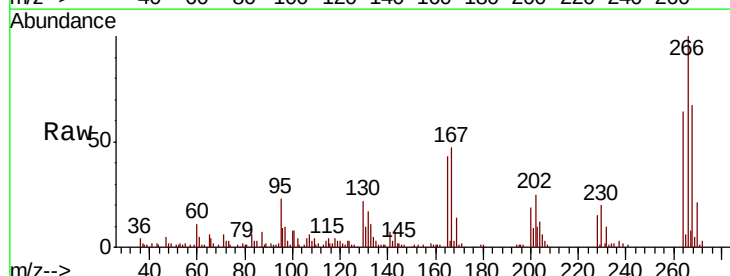


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

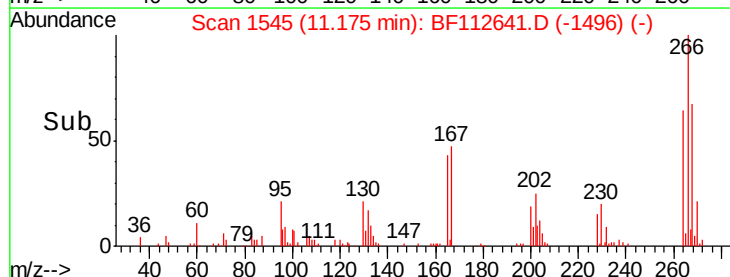
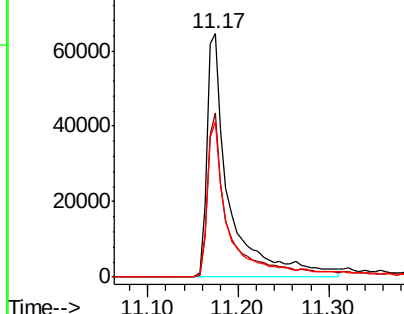


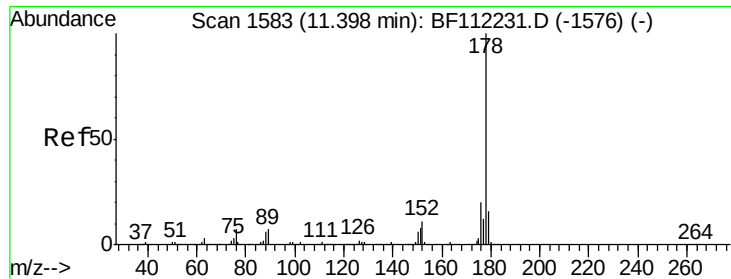
#70
Pentachlorophenol
Concen: 80.560 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	51.2	76.8
264	64.0	50.9	76.3



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

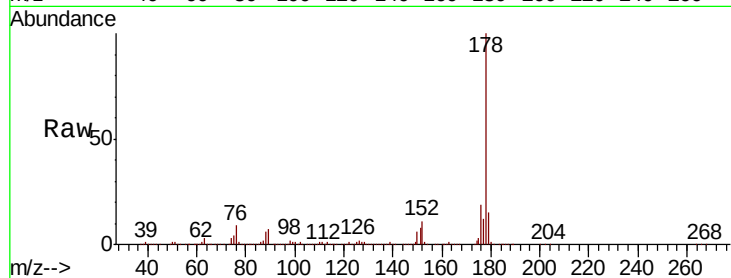




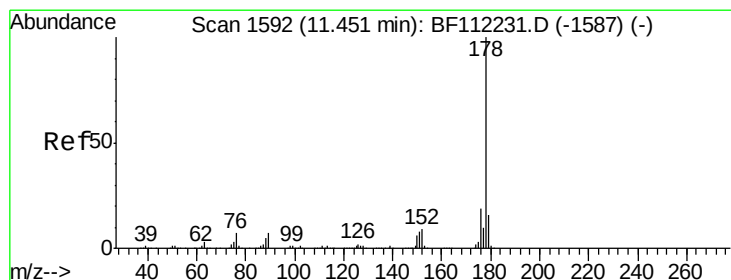
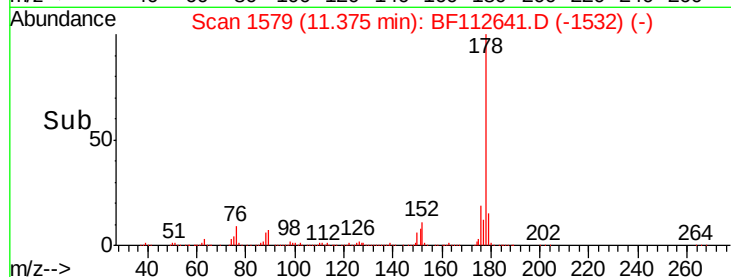
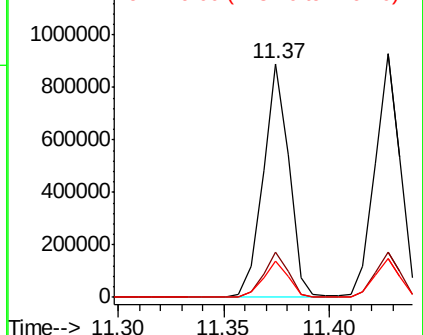
#71
Phenanthrene
Concen: 51.121 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 756368
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.4 13.0 19.4

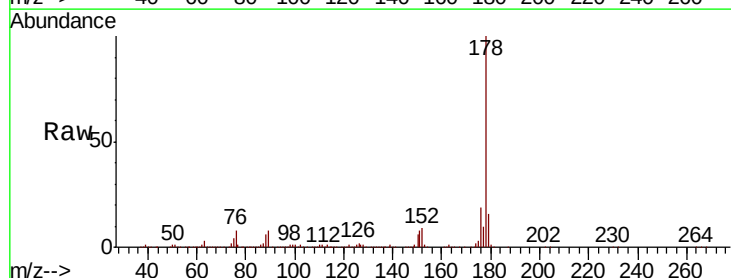


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

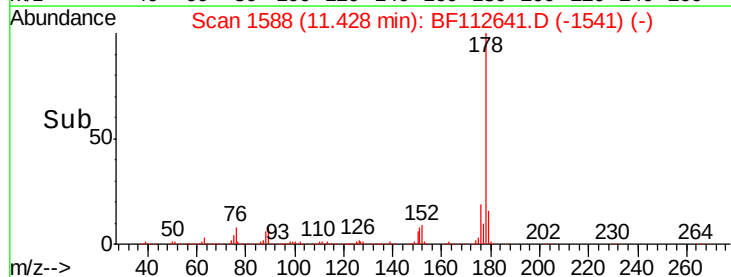
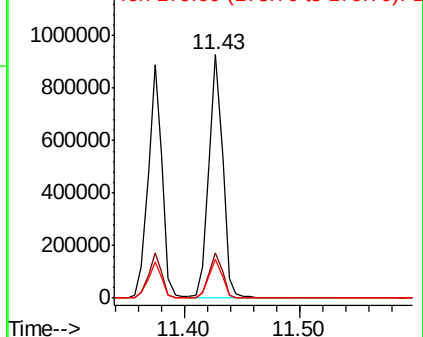


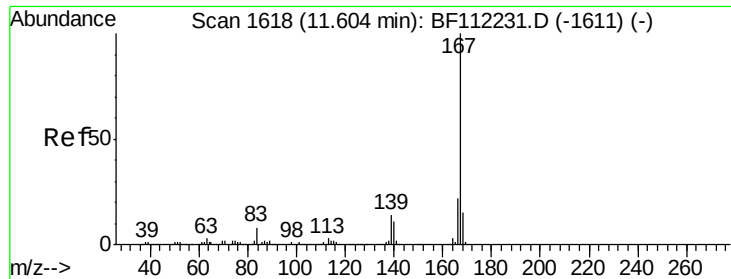
#72
Anthracene
Concen: 53.058 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:178 Resp: 781987
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.7 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





#73

Carbazole

Concen: 44.868 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

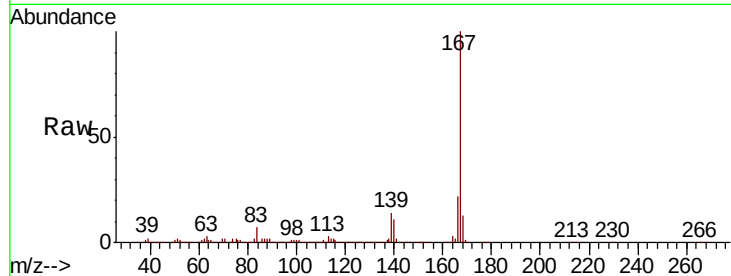
Tot Ion:167 Resp: 652290

Ion Ratio Lower Upper

167 100

166 22.0 17.9 26.9

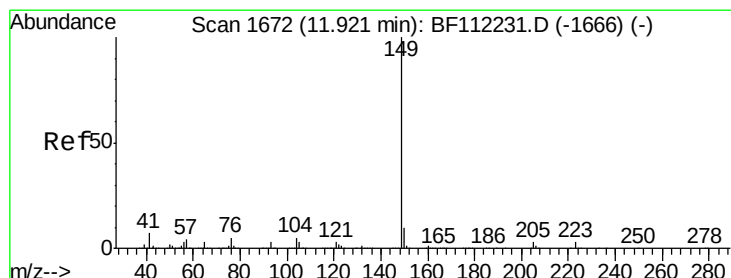
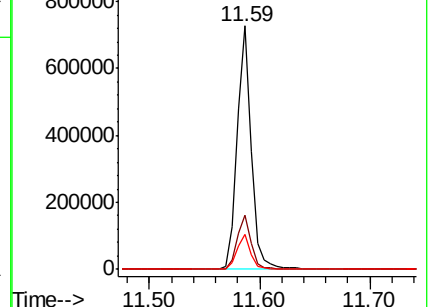
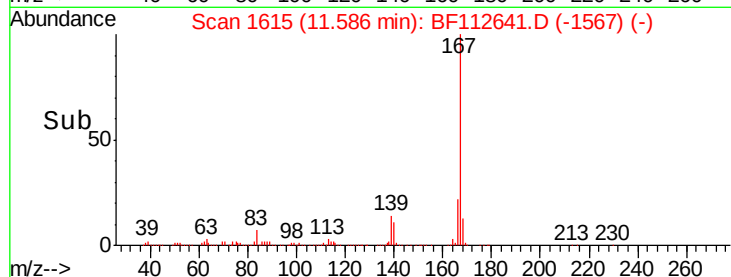
139 14.3 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.777 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

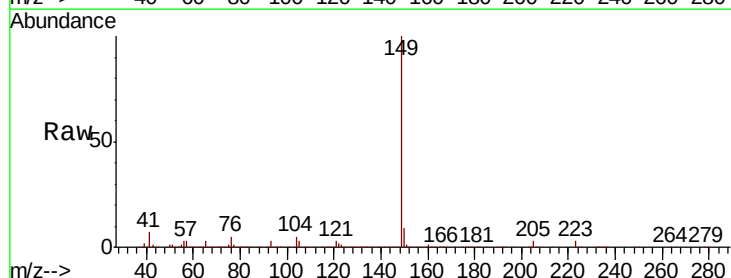
Tgt Ion:149 Resp: 916279

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

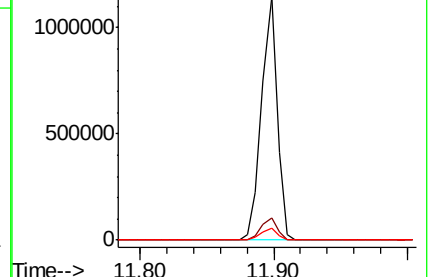
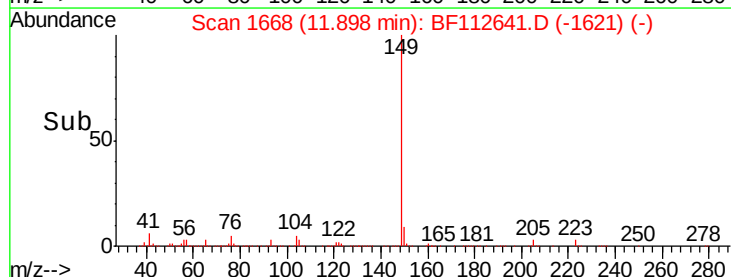
104 5.1 3.9 5.9

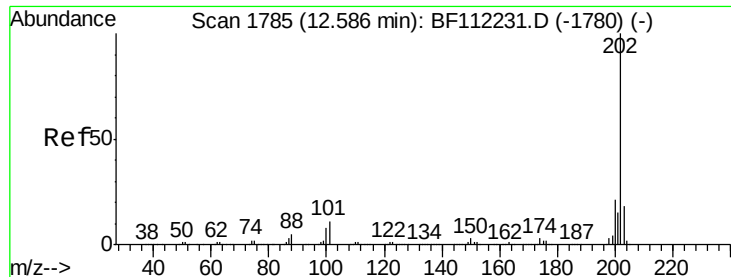


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.101 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

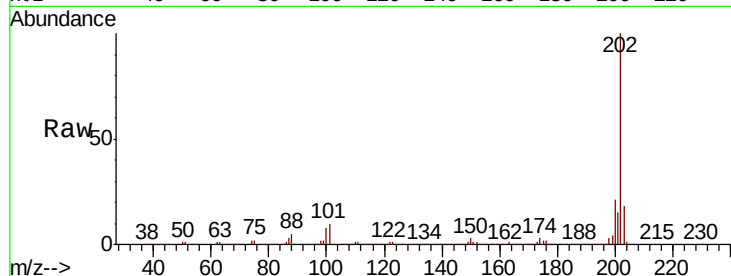
Tot Ion:202 Resp: 747444

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.8

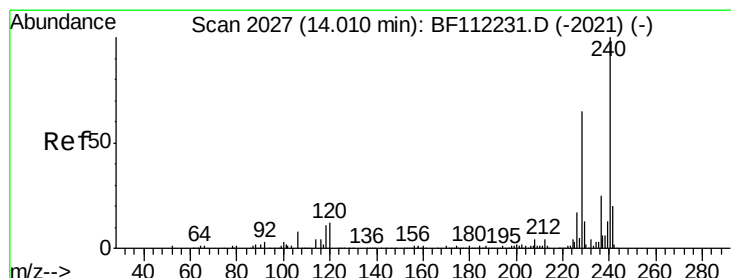
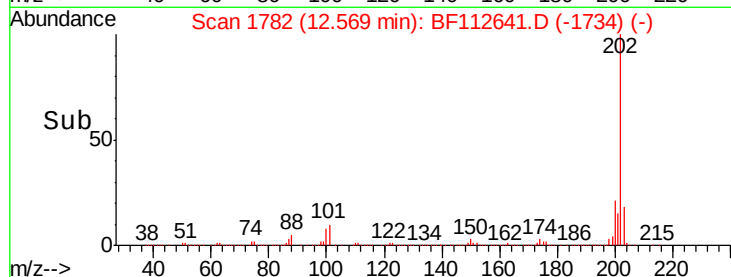
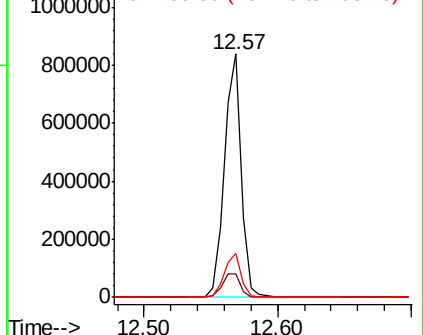
203 17.8 0.0 38.4



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

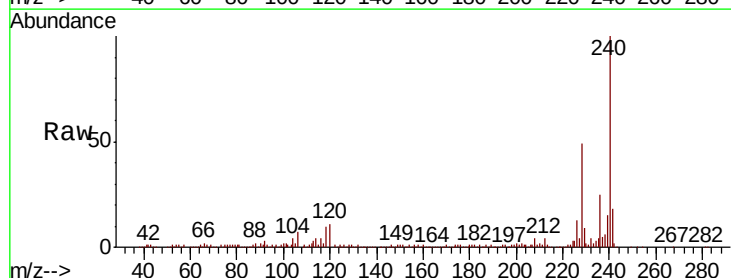
Tgt Ion:240 Resp: 207257

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

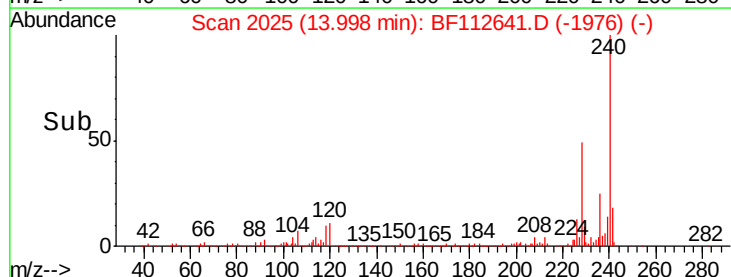
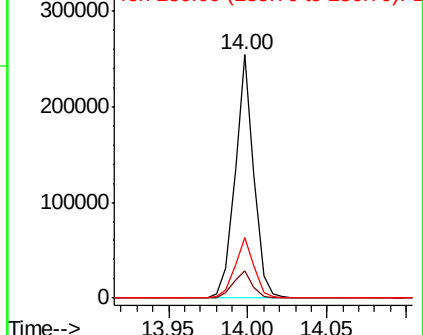
236 25.0 20.7 31.1

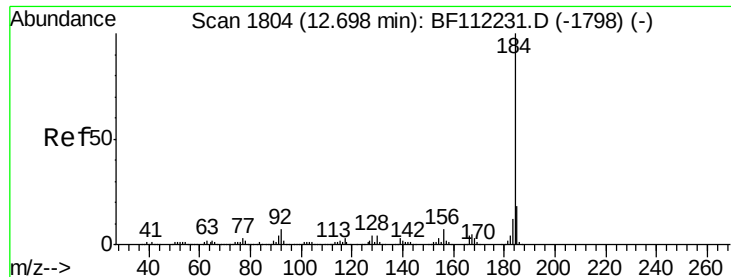


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.853 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.23 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

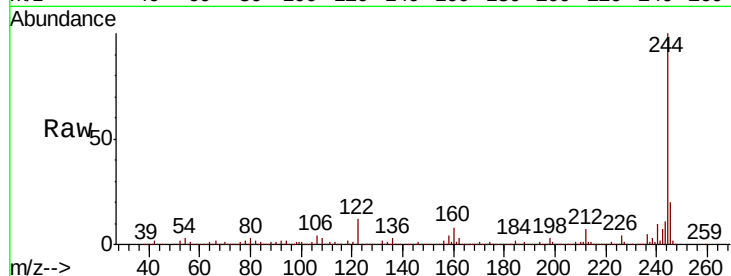
Tot Ion:184 Resp: 16275

Ion Ratio Lower Upper

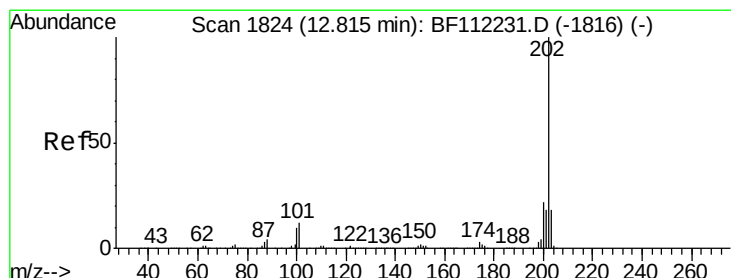
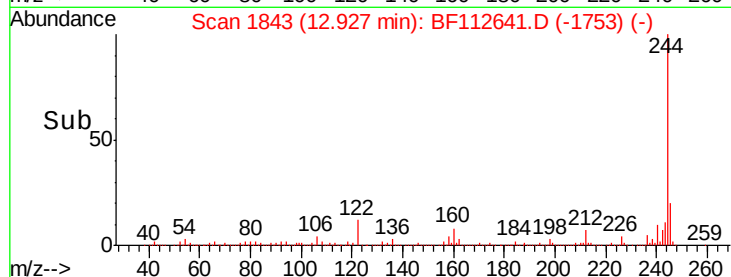
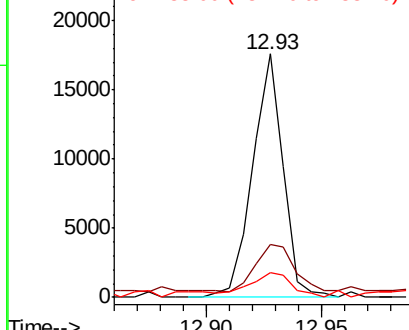
184 100

185 21.6 13.9 20.9#

183 10.1 10.0 15.0



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: 51.421 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

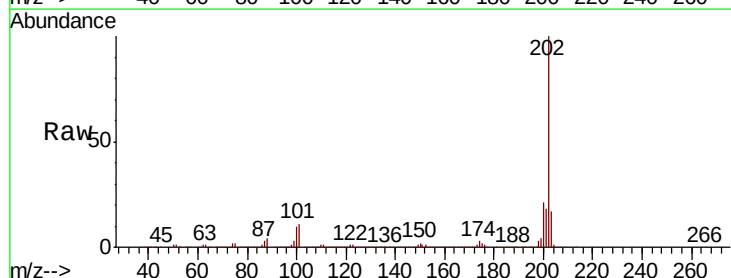
Tgt Ion:202 Resp: 737853

Ion Ratio Lower Upper

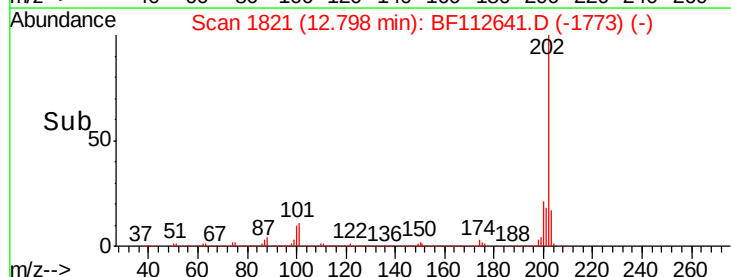
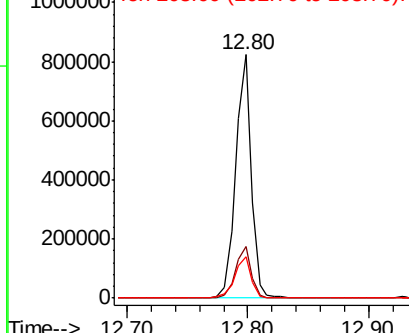
202 100

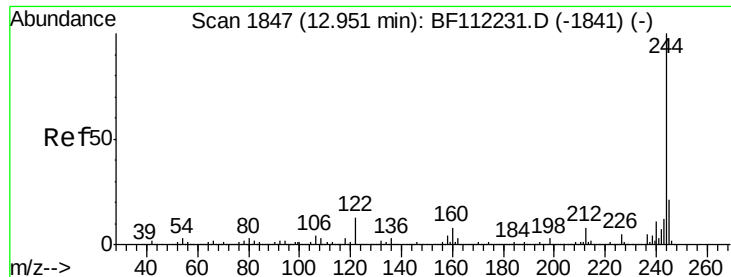
200 21.2 17.7 26.5

203 17.0 14.6 22.0



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: 96.254 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

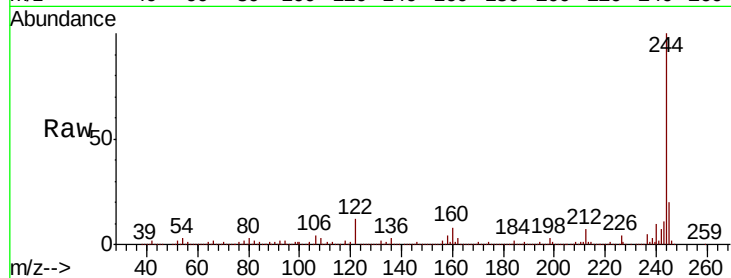
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1059195

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.1	9.8	14.6

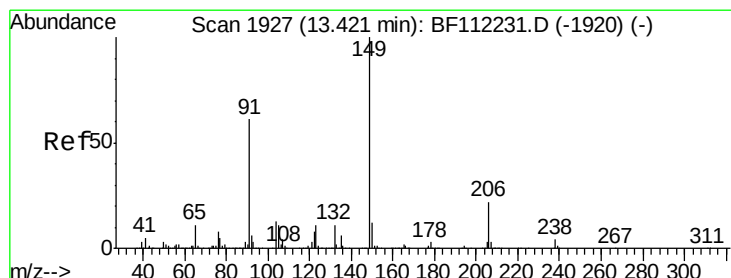
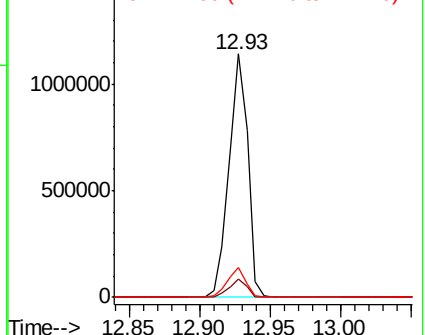
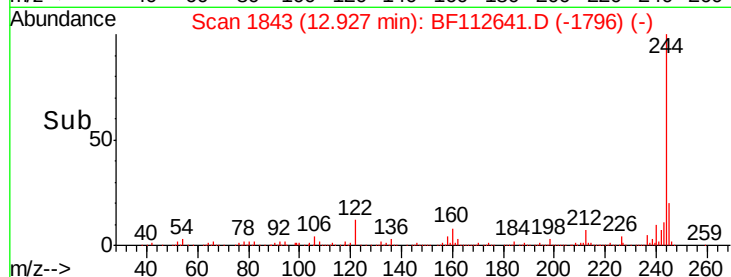


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.925 ng

RT: 13.39 min Scan# 1922

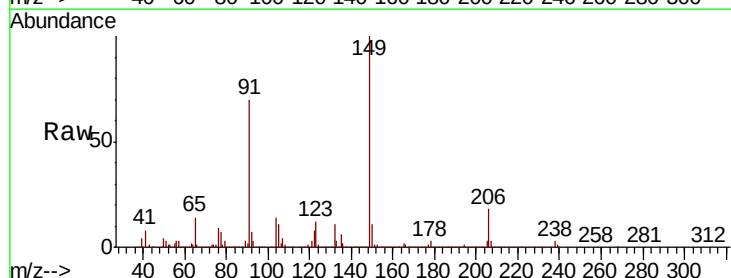
Delta R.T. -0.03 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:149 Resp: 360487

Ion	Ratio	Lower	Upper
149	100		
91	70.2	50.3	75.5
206	17.8	18.2	27.4

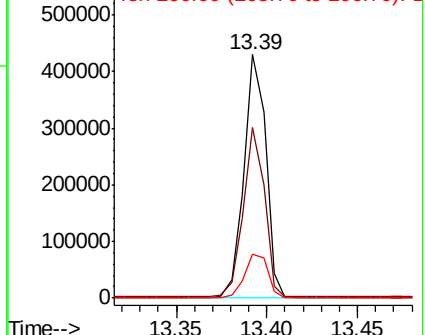
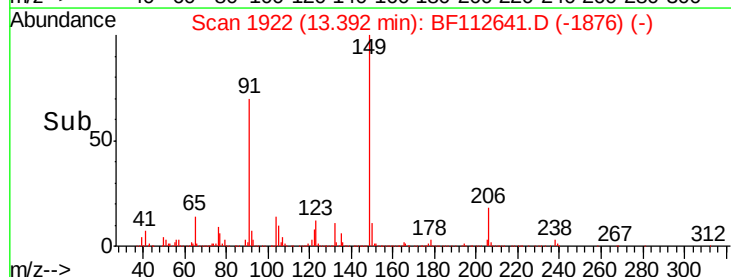


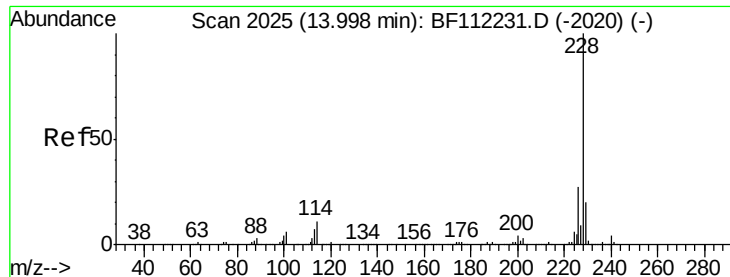
Abundance

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: 50.666 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

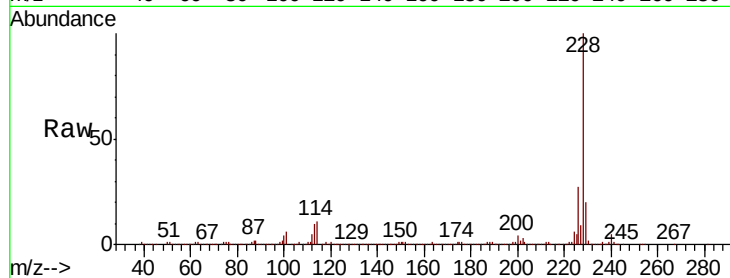
Tot Ion:228 Resp: 617299

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

229 19.7 16.5 24.7

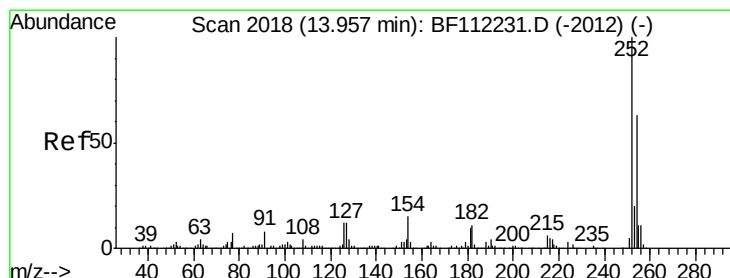
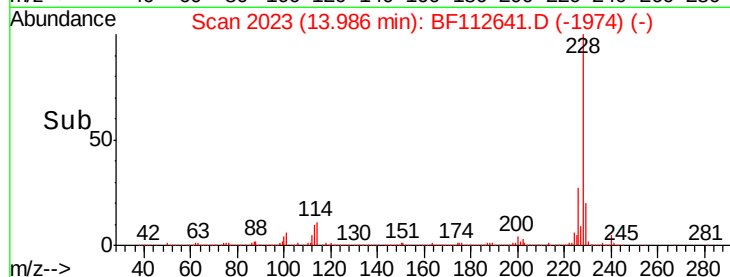
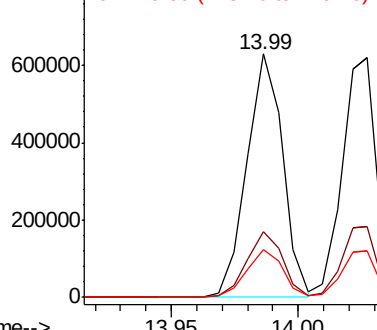


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.775 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

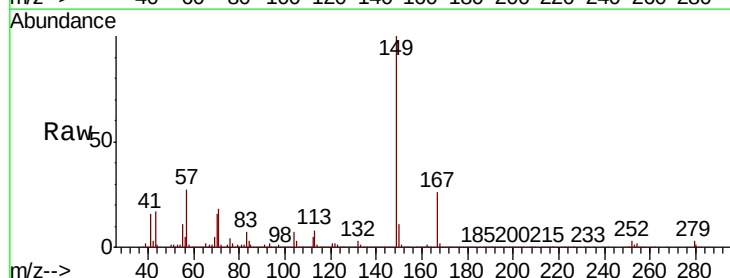
Tgt Ion:252 Resp: 17211

Ion Ratio Lower Upper

252 100

254 66.6 51.6 77.4

126 12.1 8.6 12.8

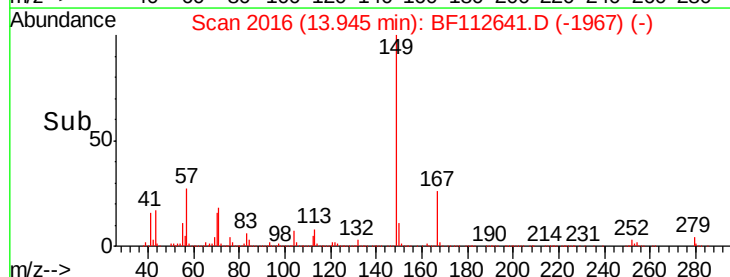
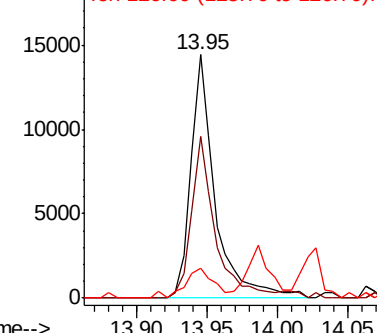


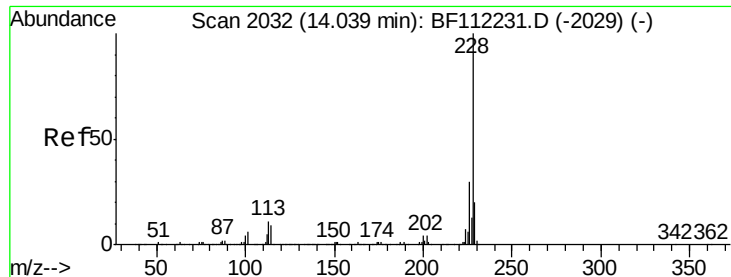
Abundance

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

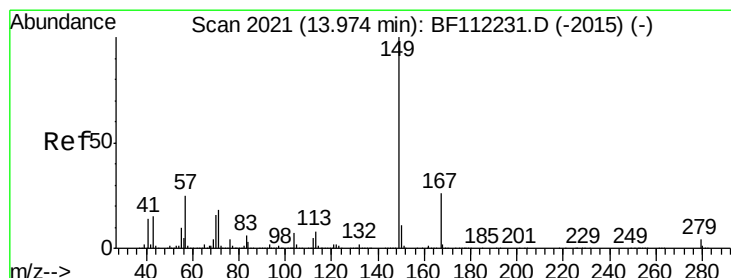
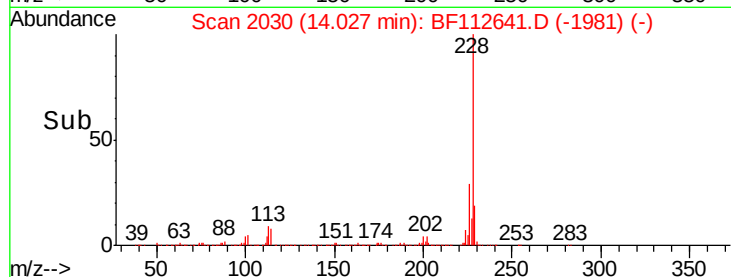
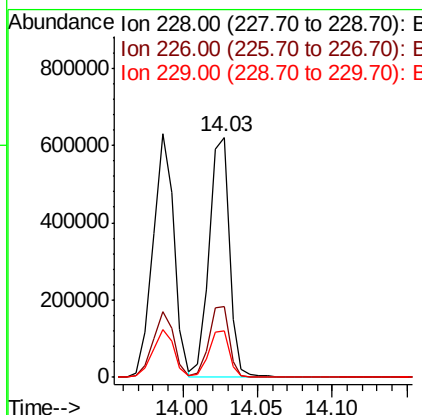
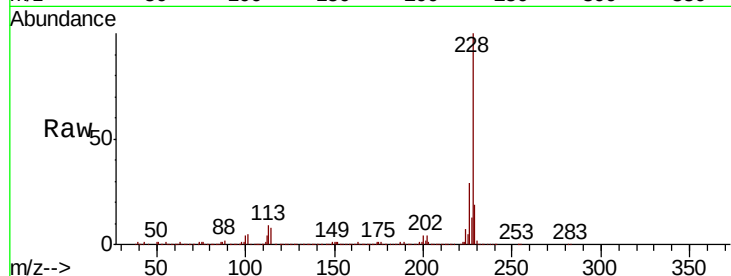




#83
Chrysene
Concen: 50.423 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

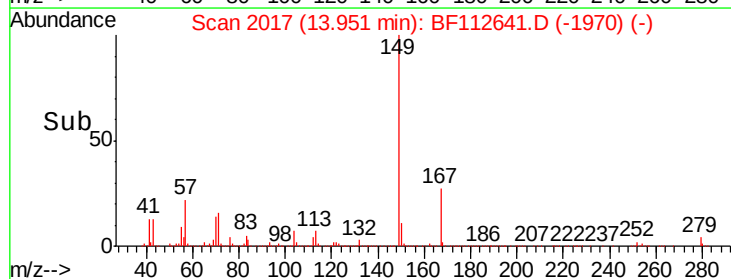
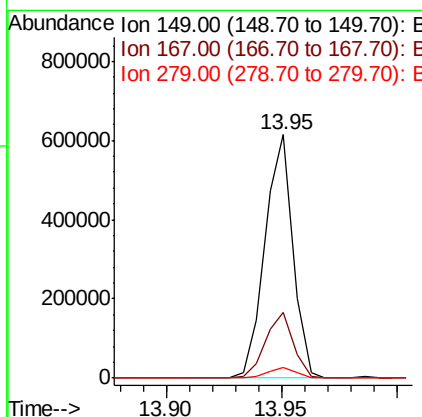
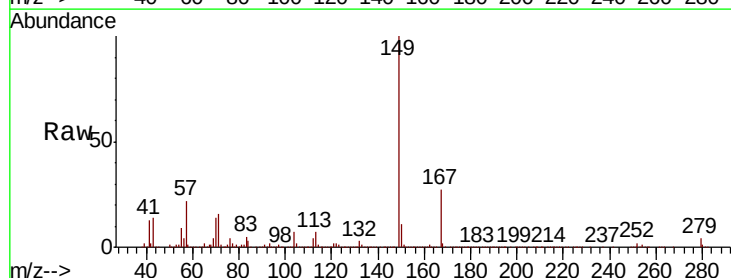
Instrument :
BNA_F
ClientSampleId :

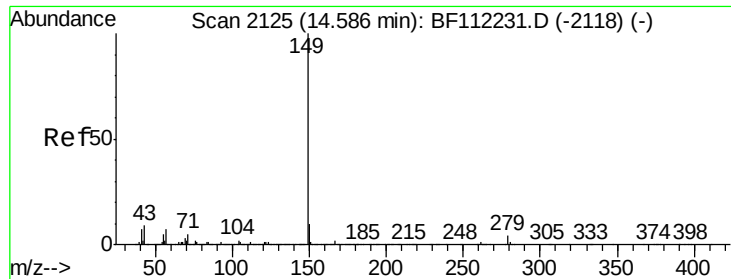
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	19.2	16.6	24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.606 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.5	33.7
279	4.4	3.8	5.6

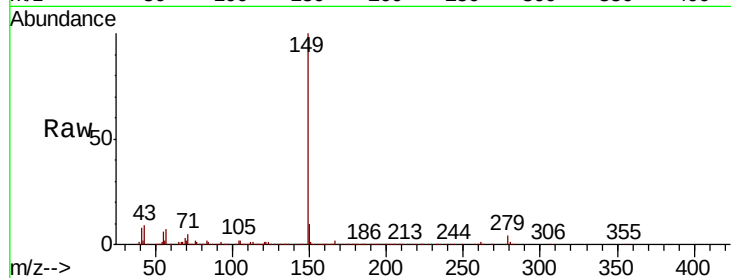




#85
Di-n-octyl phthalate
Concen: 55.218 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.7	7.8	11.6

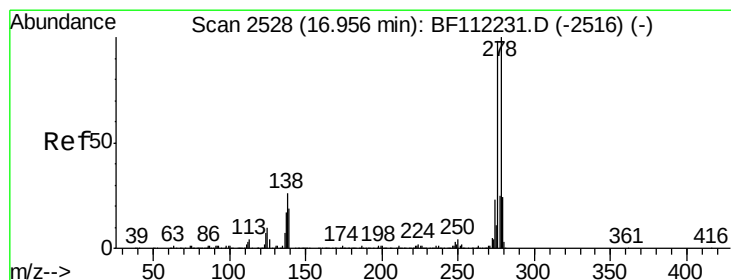
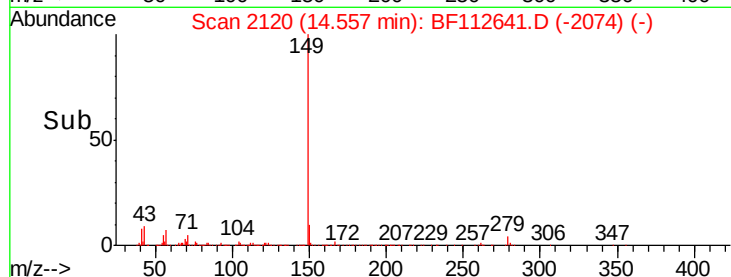
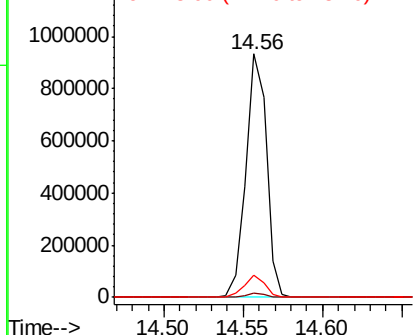


Abundance

Ion 149.00 (148.70 to 149.70): E

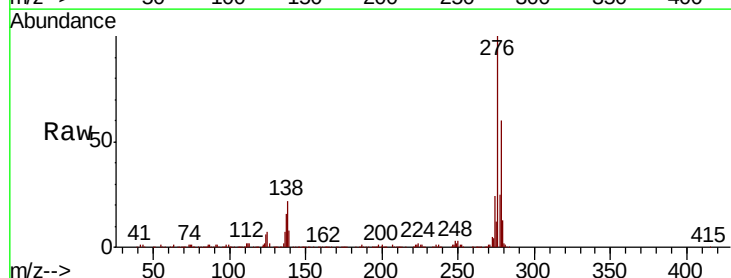
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 73.207 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.6	34.0
277	25.9	20.3	30.5

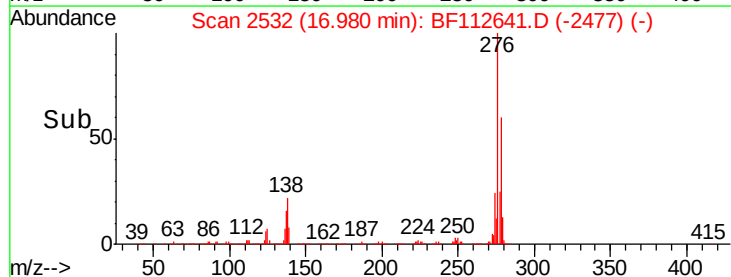
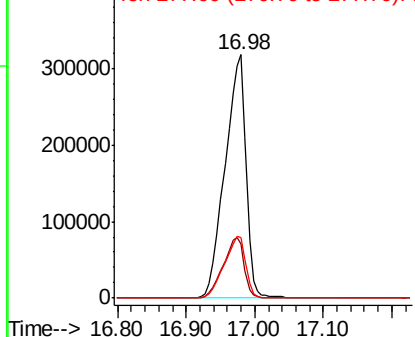


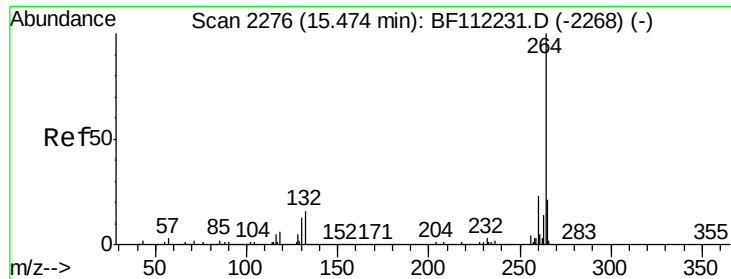
Abundance

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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

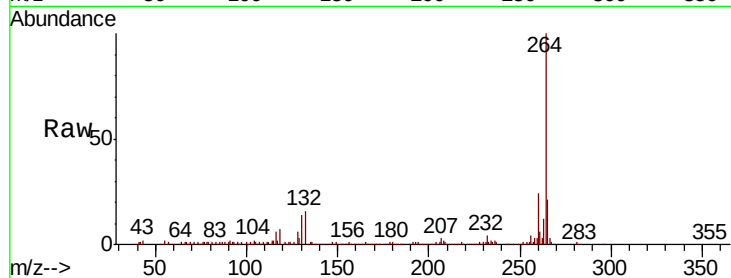
Tot Ion:264 Resp: 202337

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

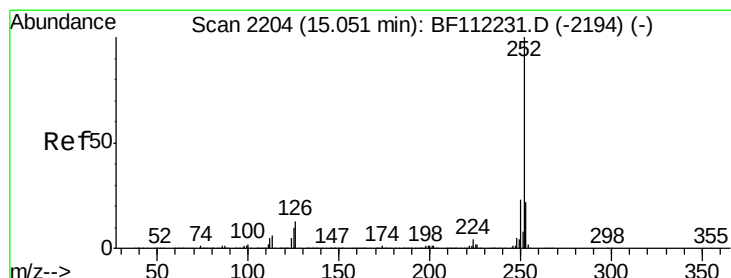
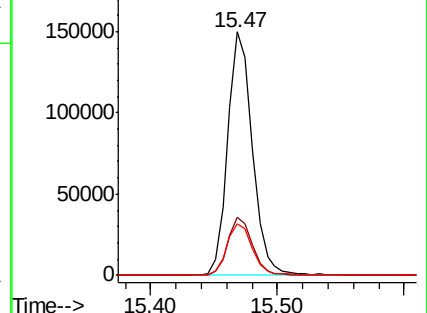
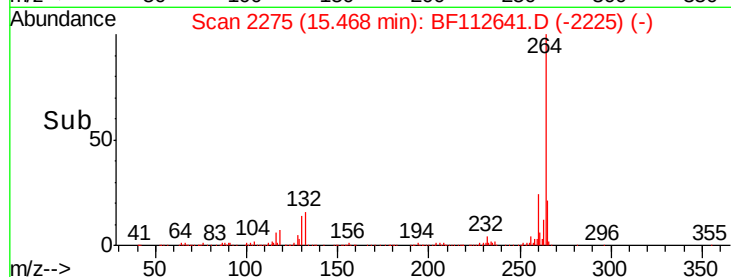
265 20.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.323 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

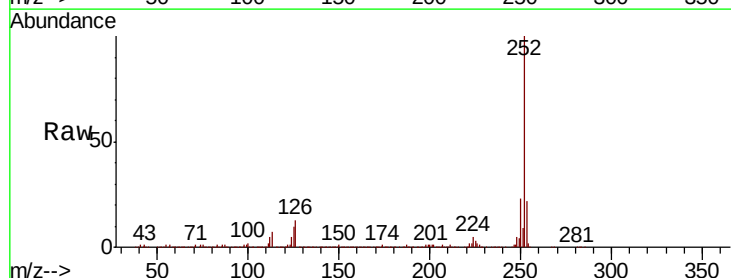
Tgt Ion:252 Resp: 608940

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

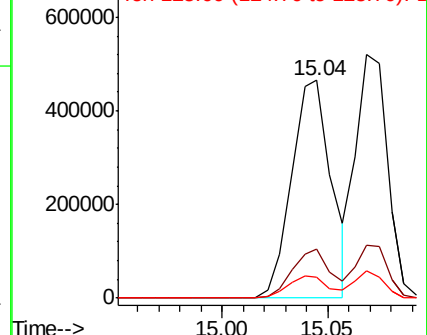
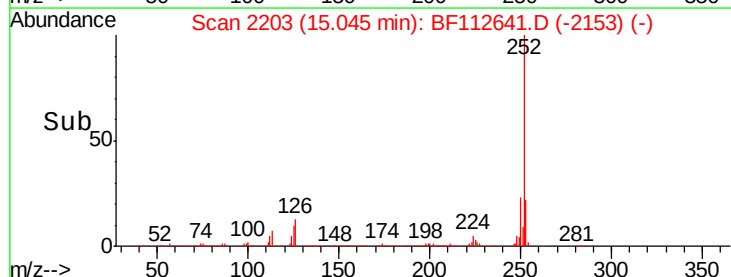
125 9.6 8.7 13.1

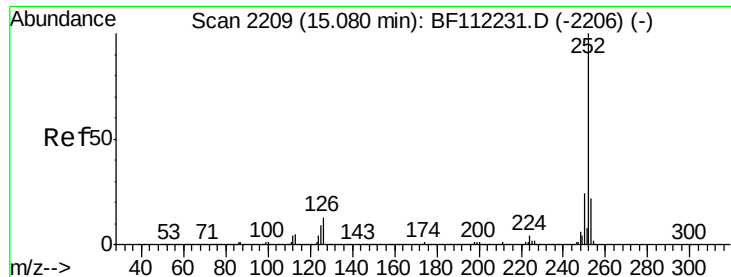


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.416 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

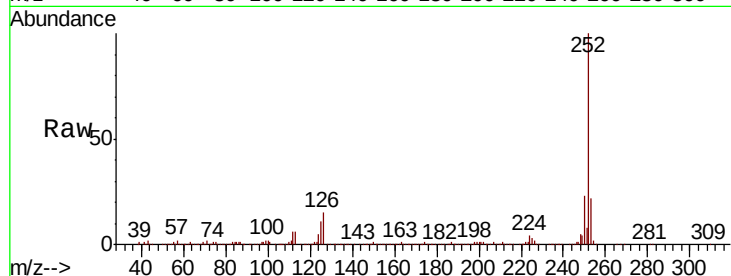
Tot Ion:252 Resp: 549587

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

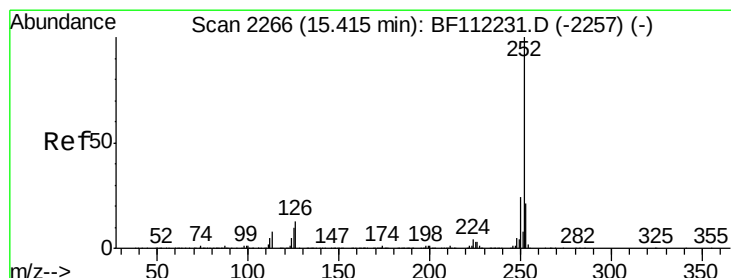
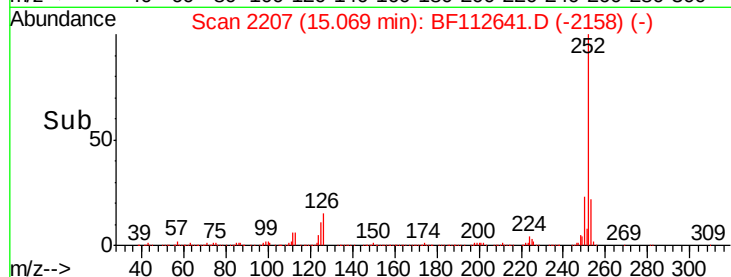
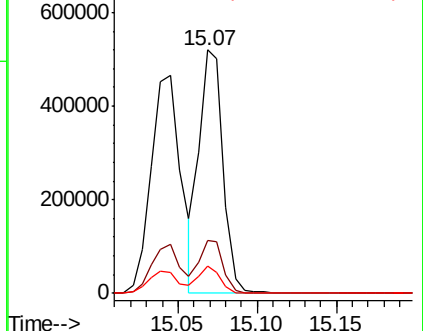
125 11.1 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.652 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

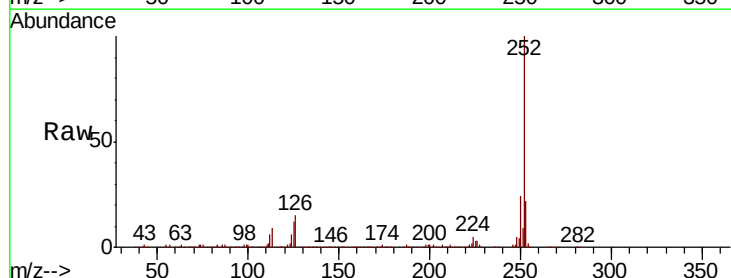
Tgt Ion:252 Resp: 562397

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

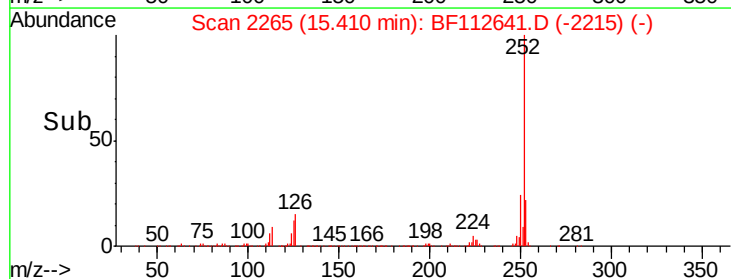
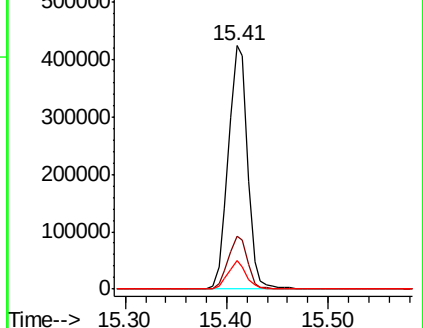
125 11.7 9.0 13.4

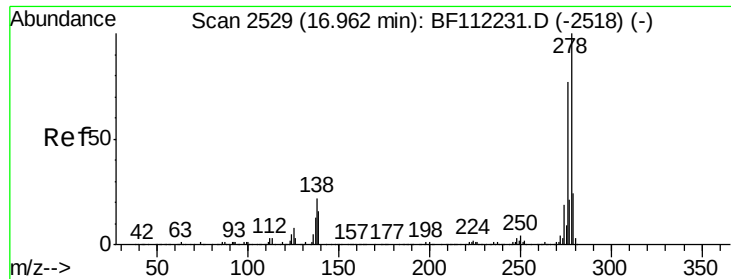


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

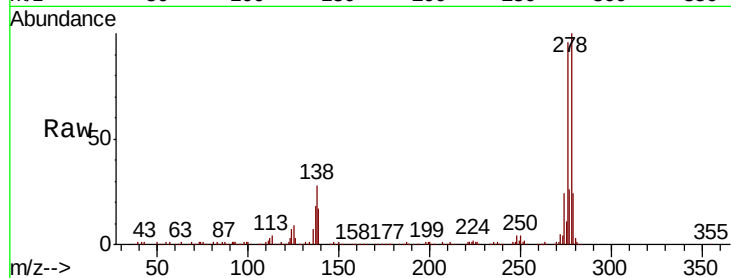




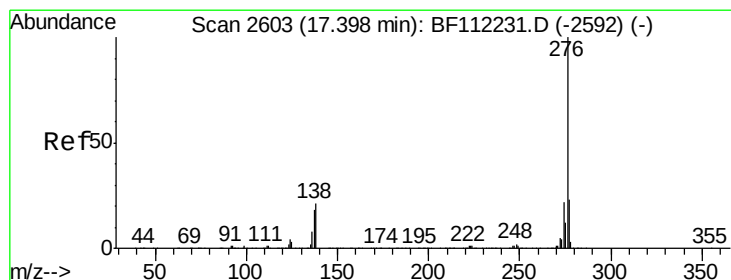
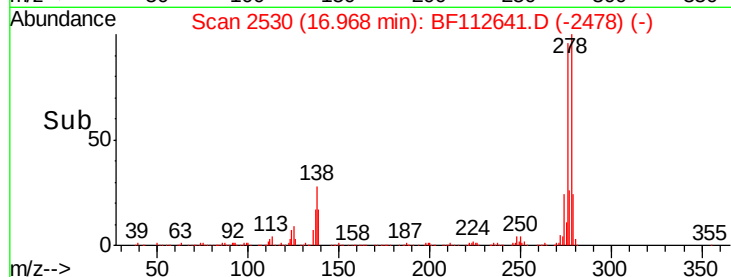
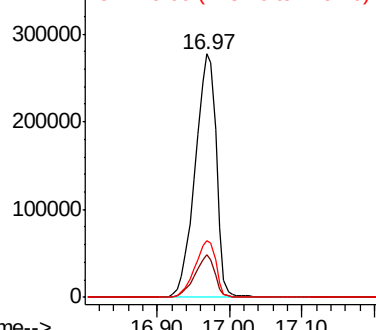
#91
Dibenzo(a,h)anthracene
Concen: 64.155 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	23.6	19.0	28.6

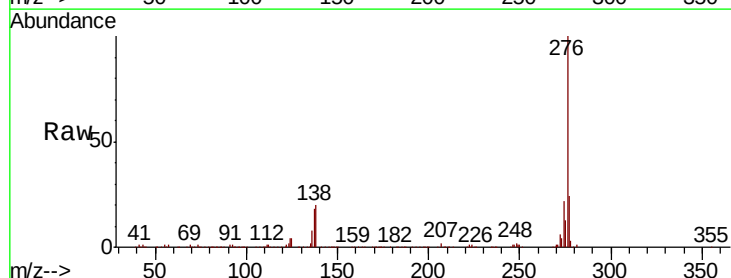


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 67.835 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	20.1	19.1	28.7



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

