

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113542.D
 Acq On : 3 Apr 2019 12:00
 Operator : JU/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:15:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 14:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	153191	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	601407	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	298327	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	599155	20.00	ng	0.00
76) Chrysene-d12	13.84	240	493712	20.00	ng	0.00
87) Perylene-d12	15.25	264	423465	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	387309	41.34	ng	0.00
7) Phenol-d6	6.33	99	486311	41.03	ng	-0.01
23) Nitrobenzene-d5	7.25	82	436359	43.07	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	158766	43.08	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	891003	43.80	ng	0.00
79) Terphenyl-d14	12.79	244	1023003	45.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	88274	18.571	ng	96
3) Pyridine	3.05	79	225539	19.247	ng	99
4) n-Nitrosodimethylamine	2.97	42	90813	17.432	ng	99
6) Aniline	6.35	93	308124	21.348	ng	88
8) 2-Chlorophenol	6.47	128	225760	20.751	ng	96
9) Benzaldehyde	6.23	77	159990	20.116	ng	98
10) Phenol	6.35	94	275260	20.343	ng	89
11) bis(2-Chloroethyl)ether	6.42	93	208701	20.122	ng	99
12) 1,3-Dichlorobenzene	6.62	146	239679	20.437	ng	98
13) 1,4-Dichlorobenzene	6.70	146	244396	21.584	ng	98
14) 1,2-Dichlorobenzene	6.86	146	225352	20.229	ng	97
15) Benzyl Alcohol	6.83	79	173774	22.225	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	335153	21.510	ng	95
17) 2-Methylphenol	6.95	107	174448	20.460	ng	95
18) Hexachloroethane	7.19	117	87289	21.463	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	151120	20.299	ng	96
20) 3+4-Methylphenols	7.11	107	222730	20.859	ng	91
22) Acetophenone	7.10	105	288648	21.046	ng	# 98
24) Nitrobenzene	7.27	77	223752	21.162	ng	100
25) Isophorone	7.51	82	415896	21.180	ng	100
26) 2-Nitrophenol	7.59	139	119482	21.378	ng	98
27) 2,4-Dimethylphenol	7.63	122	172628	21.472	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	270019	21.836	ng	100
29) 2,4-Dichlorophenol	7.83	162	186794	21.440	ng	97
30) 1,2,4-Trichlorobenzene	7.91	180	202501	21.543	ng	99
31) Naphthalene	7.99	128	640848	21.805	ng	99
32) Benzoic acid	7.79	122	15652	2.419	ng	98
33) 4-Chloroaniline	8.04	127	259911	22.679	ng	99
34) Hexachlorobutadiene	8.11	225	124531	22.291	ng	99
35) Caprolactam	8.40	113	57989	20.739	ng	94
36) 4-Chloro-3-methylphenol	8.54	107	189004	21.569	ng	95
37) 2-Methylnaphthalene	8.68	142	427930	23.336	ng	99
38) 1-Methylnaphthalene	8.78	142	412645	23.395	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	206131	21.525	ng	100

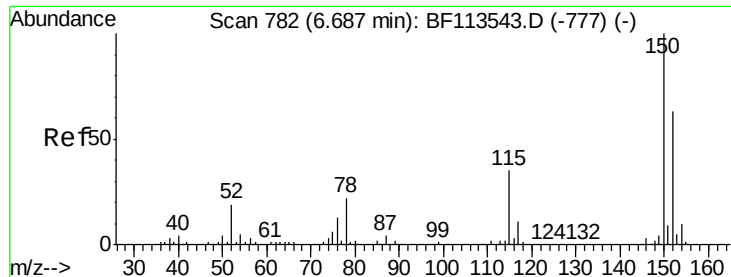
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113542.D
 Acq On : 3 Apr 2019 12:00
 Operator : JU/SJ
 Sample : SSTDICC020
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Apr 03 14:15:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 14:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	33713	8.317	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	127427	20.434	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	139691	20.241	ng	97
46) 1,1'-Biphenyl	9.15	154	543034	21.794	ng	99
47) 2-Chloronaphthalene	9.17	162	400305	20.866	ng	99
48) 2-Nitroaniline	9.27	65	118524	19.687	ng	97
49) Acenaphthylene	9.58	152	674603	21.748	ng	99
50) Dimethylphthalate	9.45	163	466824	21.115	ng	99
51) 2,6-Dinitrotoluene	9.51	165	103825	20.817	ng	99
52) Acenaphthene	9.76	154	378693	21.679	ng	99
53) 3-Nitroaniline	9.68	138	117494	20.889	ng	99
54) 2,4-Dinitrophenol	9.80	184	38333	15.453	ng	98
55) Dibenzofuran	9.93	168	576208	21.942	ng	99
56) 4-Nitrophenol	9.86	139	66894	16.682	ng	96
57) 2,4-Dinitrotoluene	9.92	165	130225	20.531	ng	99
58) Fluorene	10.27	166	456203	22.362	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	117690	20.166	ng	99
60) Diethylphthalate	10.15	149	464255	21.406	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	225826	22.712	ng	96
62) 4-Nitroaniline	10.29	138	119328	20.606	ng	98
63) Azobenzene	10.42	77	437466	21.428	ng	96
65) 4,6-Dinitro-2-methylphenol	10.34	198	60570	18.480	ng	86
66) n-Nitrosodiphenylamine	10.38	169	394627	21.464	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	144220	22.085	ng	96
68) Hexachlorobenzene	10.82	284	164106	21.650	ng	94
69) Atrazine	10.91	200	128433	22.132	ng	98
70) Pentachlorophenol	11.02	266	69277	17.542	ng	97
71) Phenanthrene	11.23	178	658831	22.143	ng	100
72) Anthracene	11.28	178	676724	22.391	ng	99
73) Carbazole	11.44	167	628275	21.786	ng	98
74) Di-n-butylphthalate	11.77	149	761746	22.778	ng	99
75) Fluoranthene	12.42	202	740571	22.017	ng	97
77) Benzidine	12.54	184	392836	20.778	ng	97
78) Pyrene	12.64	202	747882	21.860	ng	98
80) Butylbenzylphthalate	13.26	149	310989	20.626	ng	96
81) Benzo(a)anthracene	13.83	228	607179	21.485	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	248714	21.937	ng	100
83) Chrysene	13.87	228	601775	20.964	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	400317	21.658	ng	99
85) Di-n-octyl phthalate	14.43	149	656217	20.915	ng	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	466897	18.952	ng	100
88) Benzo(b)fluoranthene	14.85	252	552100	20.988	ng	99
89) Benzo(k)fluoranthene	14.87	252	508518	22.013	ng	99
90) Benzo(a)pyrene	15.19	252	485522	20.819	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	391577	19.419	ng	100
92) Benzo(g,h,i)perylene	17.02	276	368068	18.103	ng	99

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

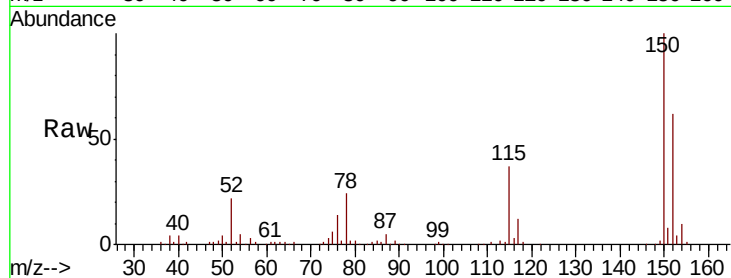


#1

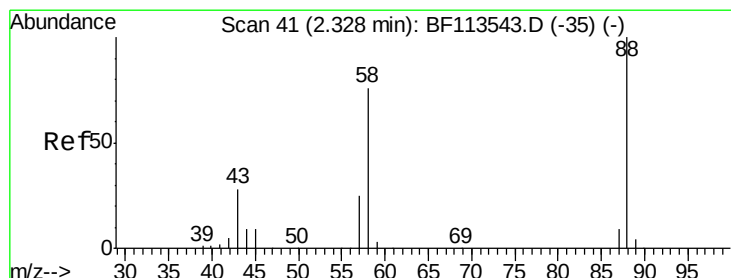
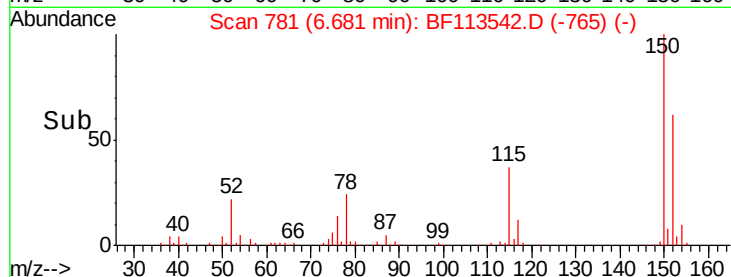
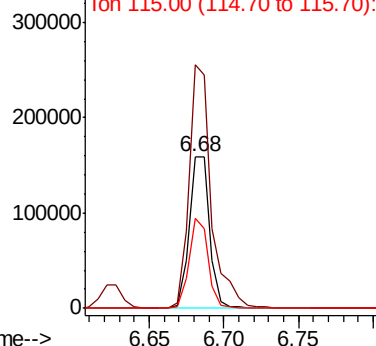
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153191
Ion Ratio Lower Upper
152 100
150 160.7 126.7 190.1
115 59.1 44.2 66.2



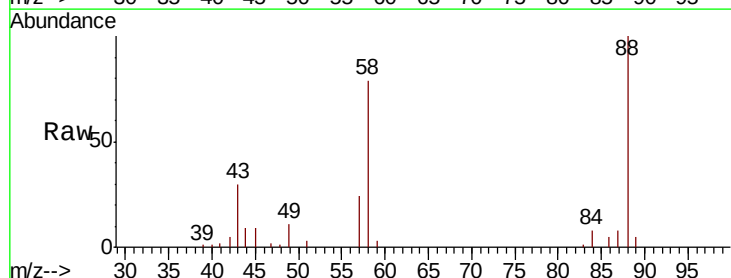
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



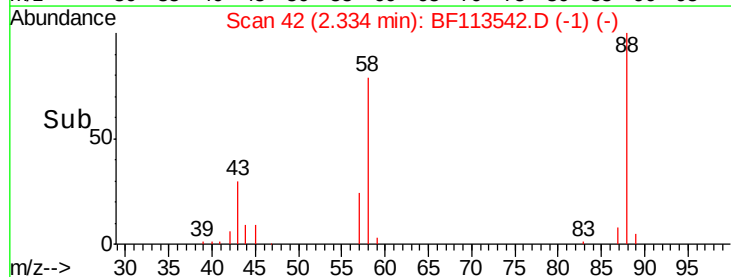
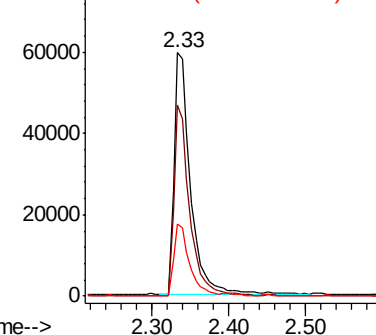
#2

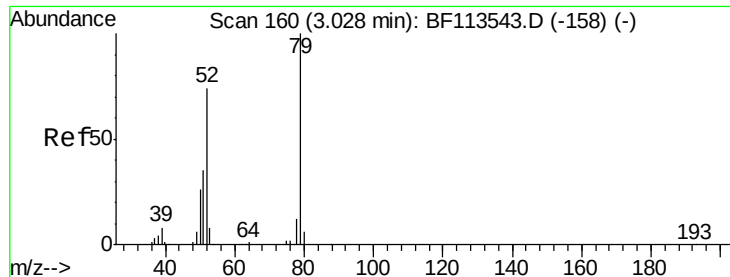
1,4-Dioxane
Concen: 18.571 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion: 88 Resp: 88274
Ion Ratio Lower Upper
88 100
58 74.2 62.9 94.3
43 29.3 23.4 35.0



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: 19.247 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

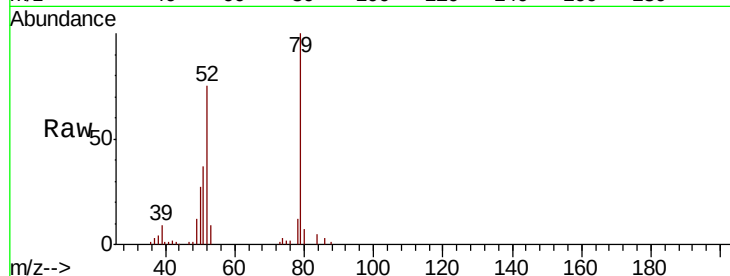
Tot Ion: 79 Resp: 225539

Ion Ratio Lower Upper

79 100

52 74.7 59.5 89.3

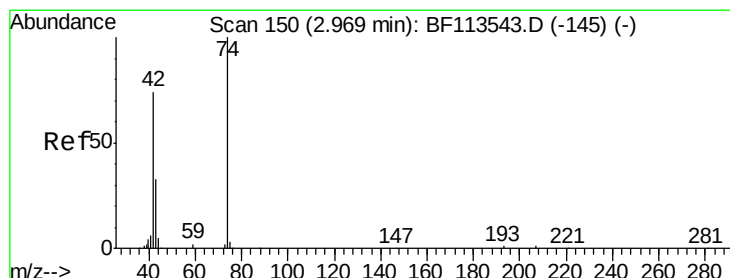
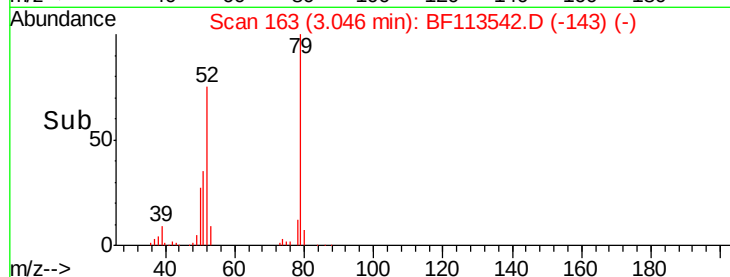
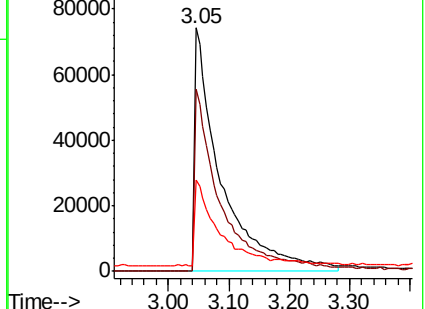
51 37.3 28.8 43.2



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: 17.432 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

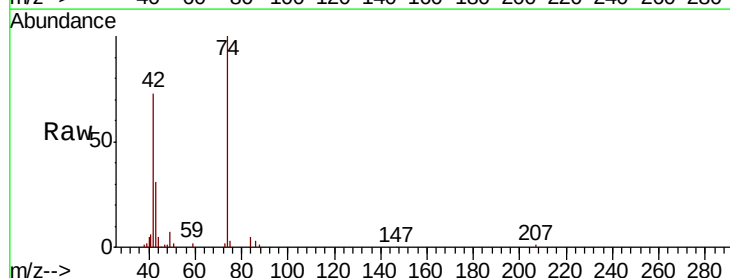
Tgt Ion: 42 Resp: 90813

Ion Ratio Lower Upper

42 100

74 137.5 108.6 162.8

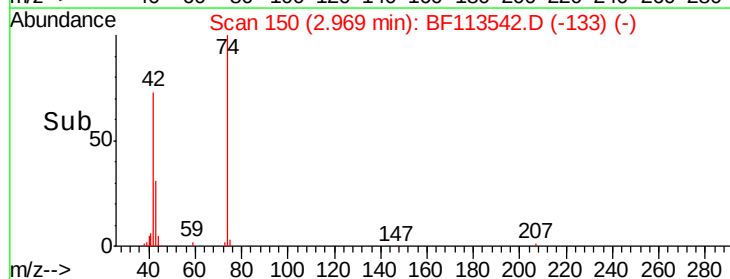
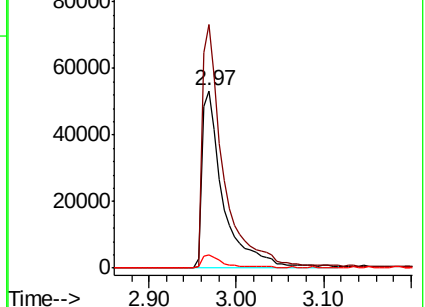
44 7.4 5.8 8.8

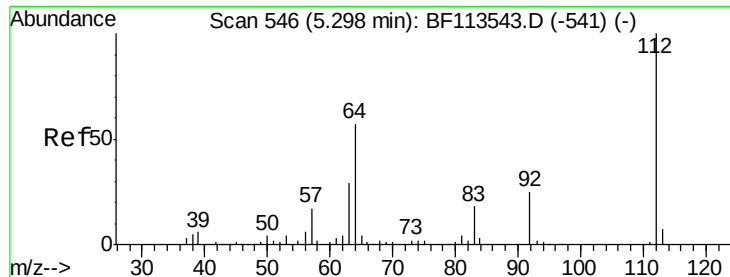


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 41.340 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampled :

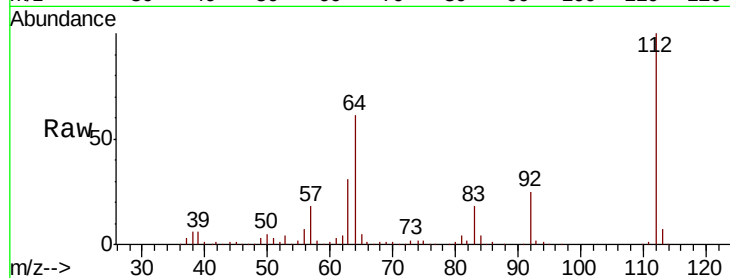
Tot Ion:112 Resp: 387309

Ion Ratio Lower Upper

112 100

64 61.5 45.8 68.6

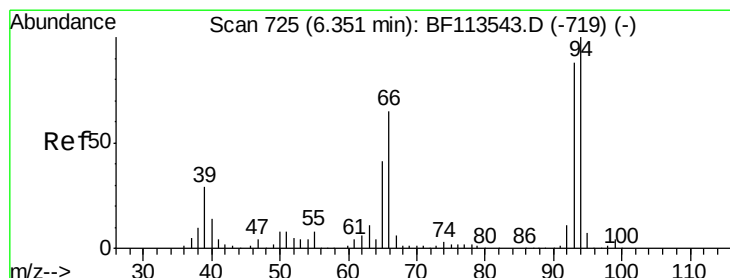
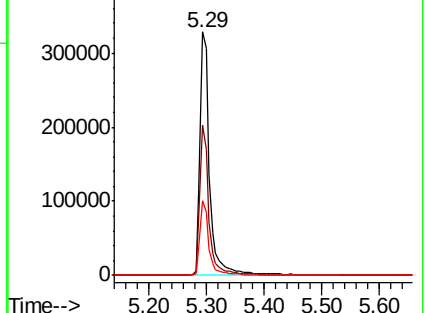
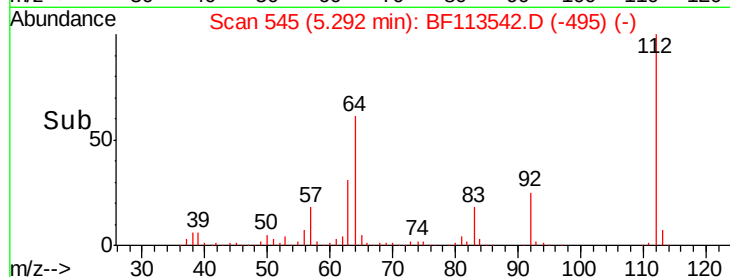
63 30.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.348 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

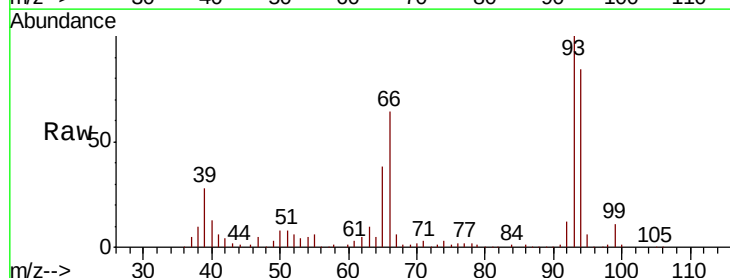
Tgt Ion: 93 Resp: 308124

Ion Ratio Lower Upper

93 100

66 64.2 59.0 88.4

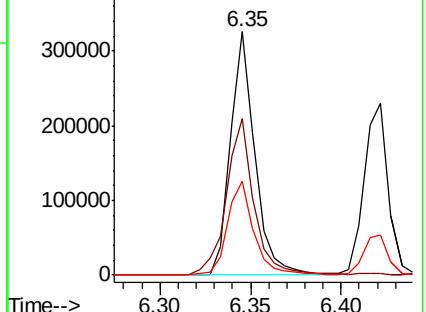
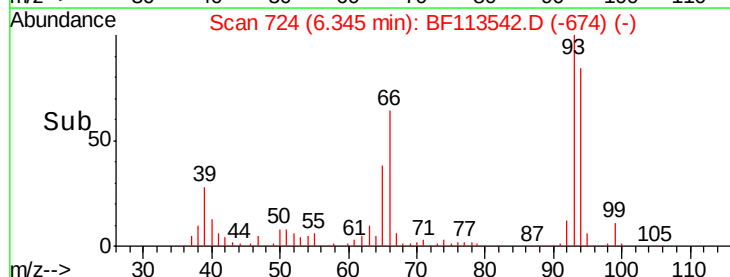
65 38.4 37.4 56.0

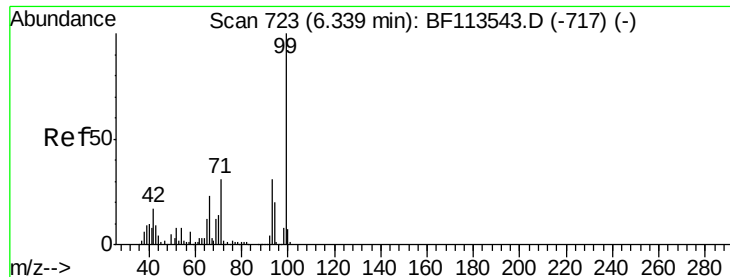


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 41.032 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

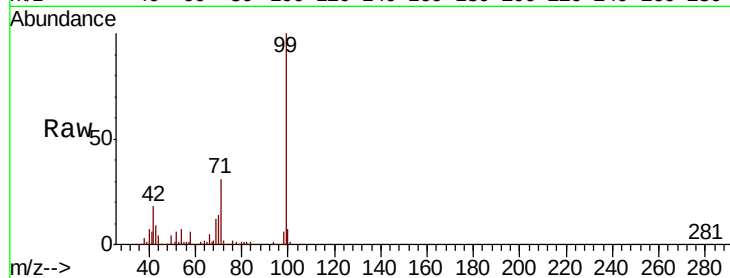
Tot Ion: 99 Resp: 486311

Ion Ratio Lower Upper

99 100

42 18.2 13.9 20.9

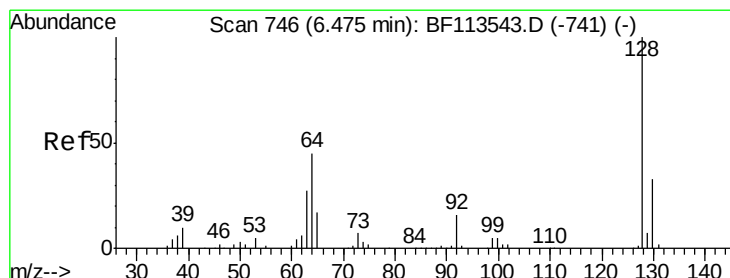
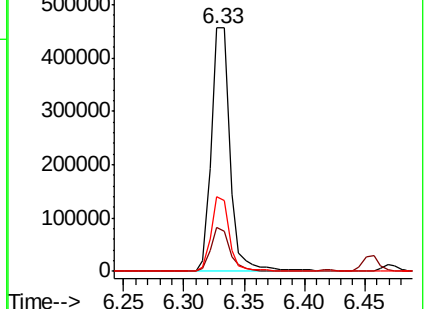
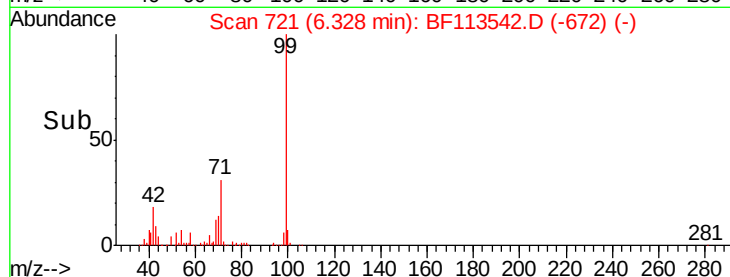
71 30.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 20.751 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

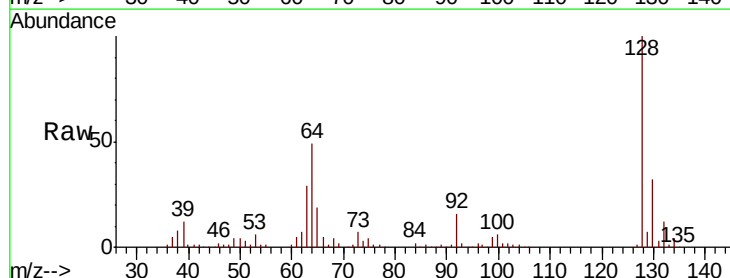
Tgt Ion: 128 Resp: 225760

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

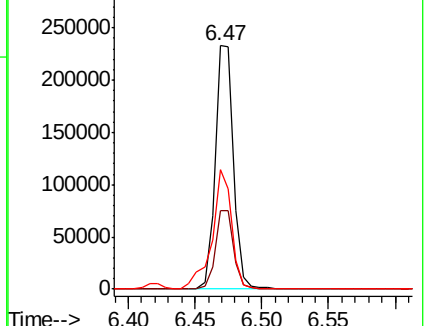
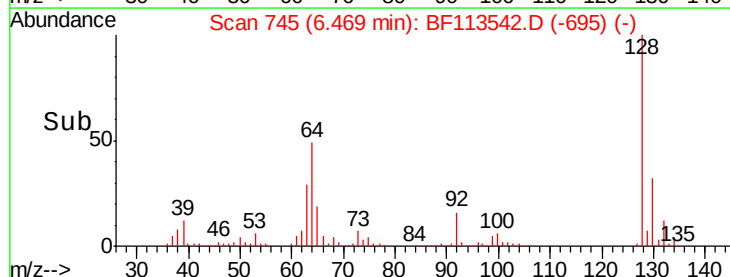
64 49.2 25.8 65.8

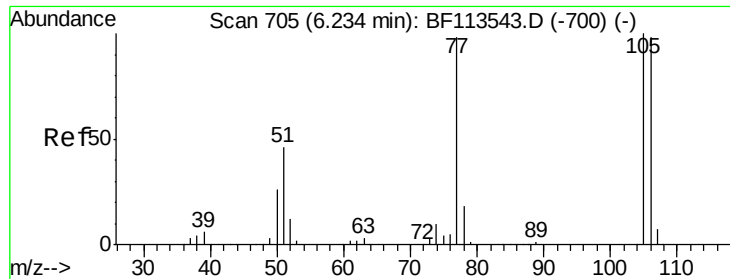


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.116 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

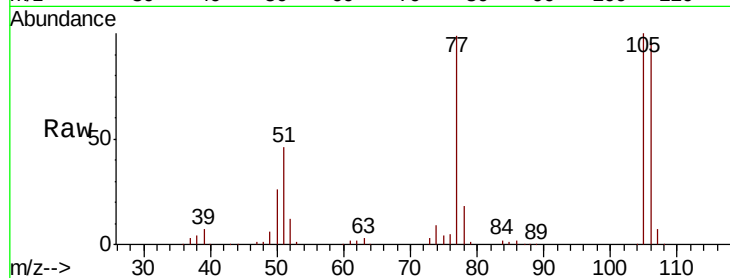
Tot Ion: 77 Resp: 159990

Ion Ratio Lower Upper

77 100

105 101.4 82.2 122.2

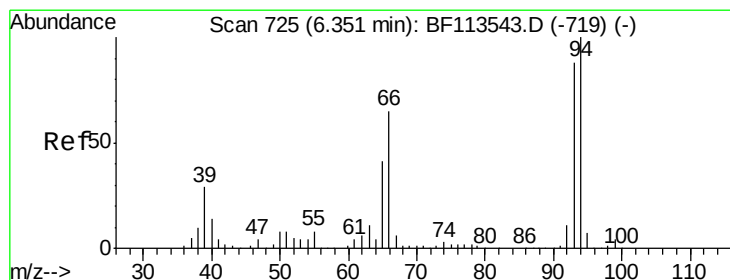
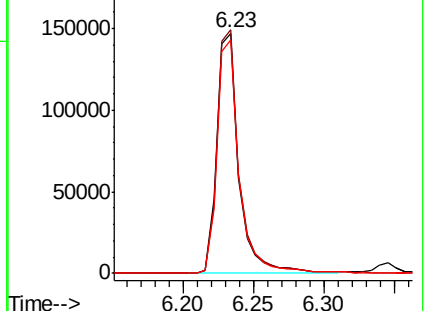
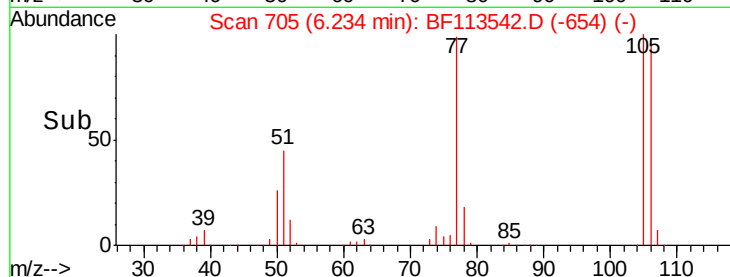
106 97.4 79.8 119.8



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: 20.343 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

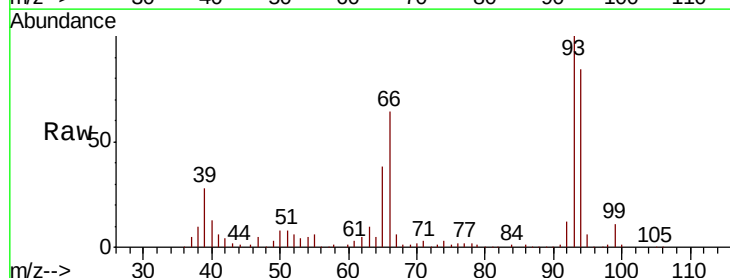
Tgt Ion: 94 Resp: 275260

Ion Ratio Lower Upper

94 100

65 45.5 21.1 61.1

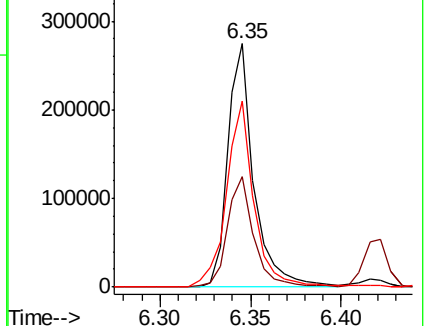
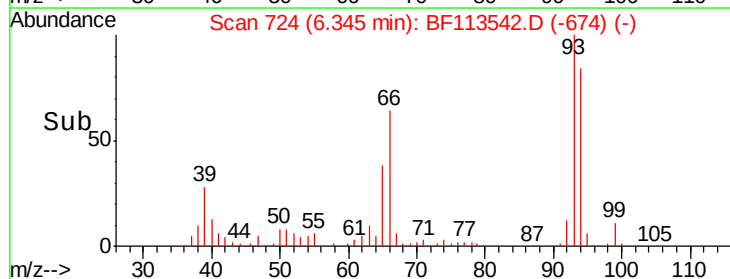
66 76.1 44.9 84.9

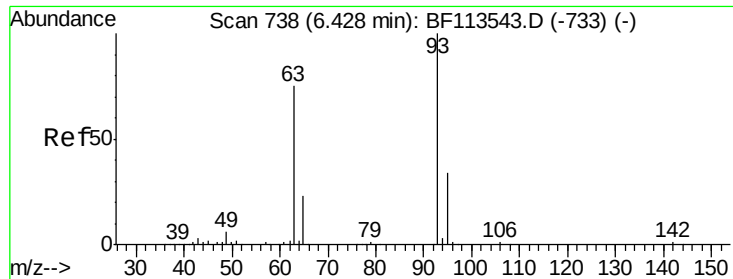


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 20.122 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

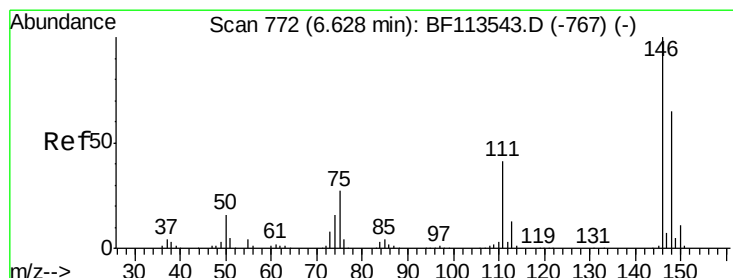
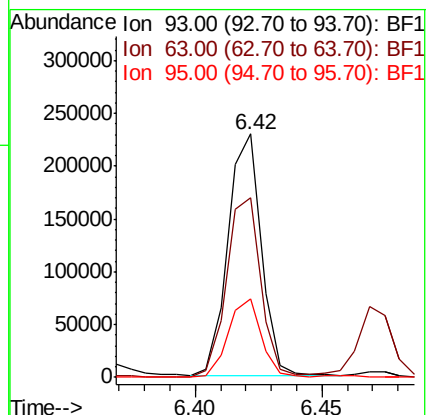
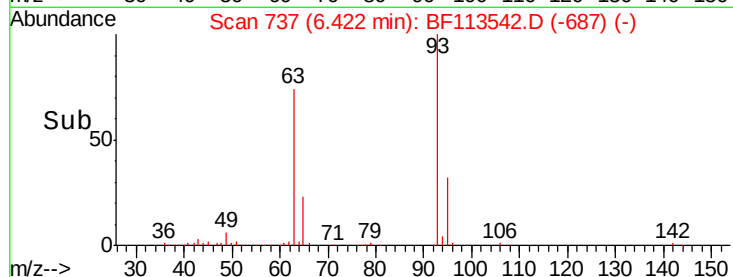
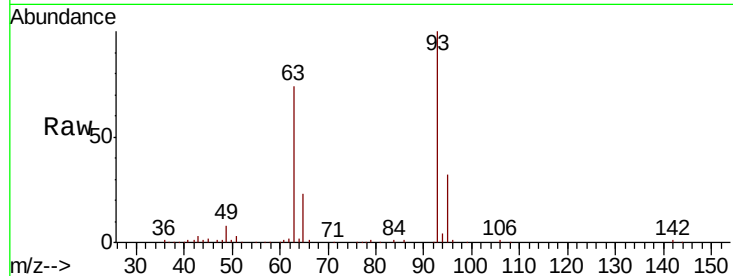
Tot Ion: 93 Resp: 208701

Ion Ratio Lower Upper

93 100

63 73.9 53.9 93.9

95 32.1 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 20.437 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

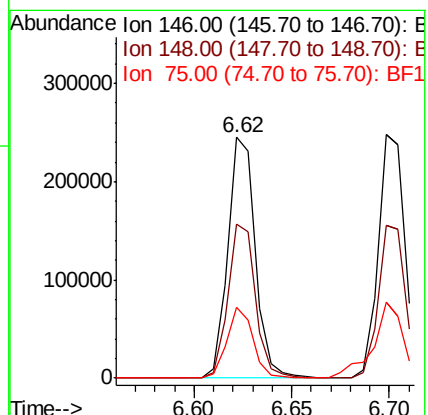
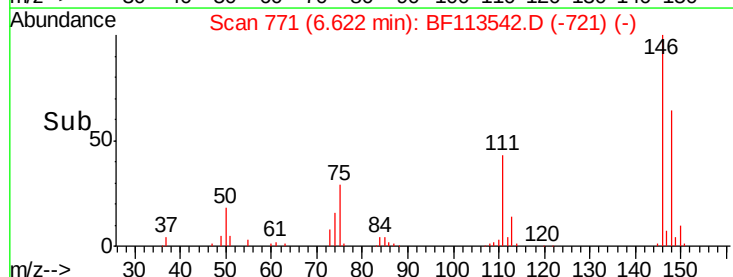
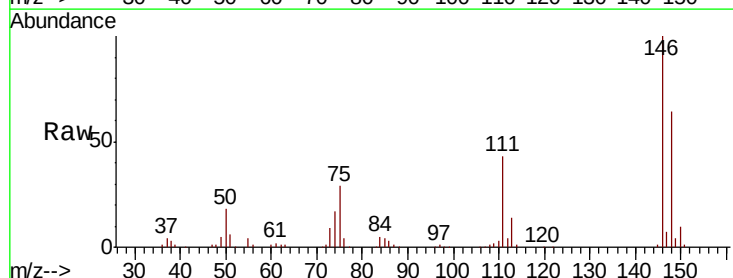
Tgt Ion: 146 Resp: 239679

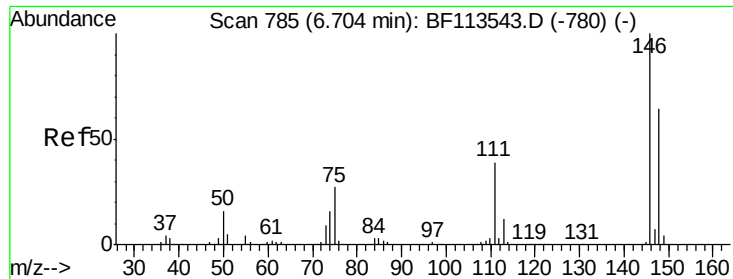
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

75 29.4 22.0 33.0

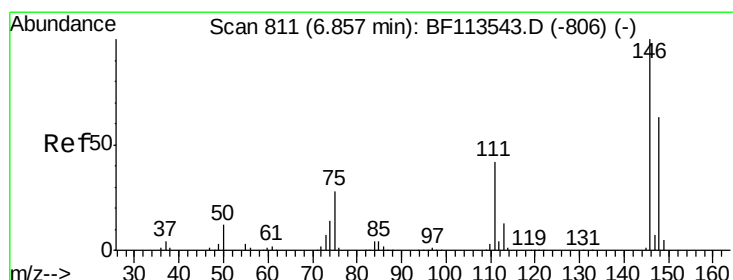
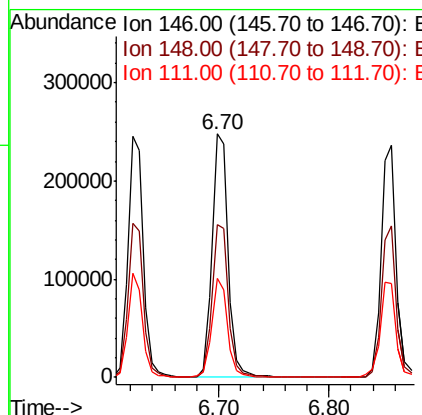
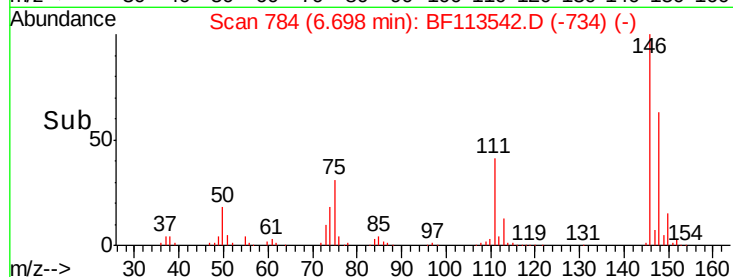
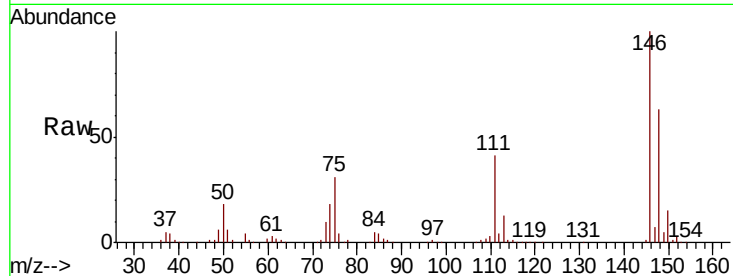




#13
 1,4-Dichlorobenzene
 Concen: 21.584 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

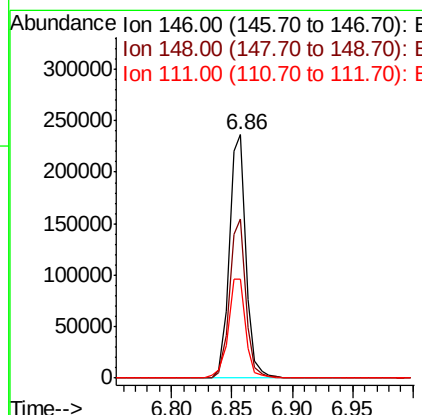
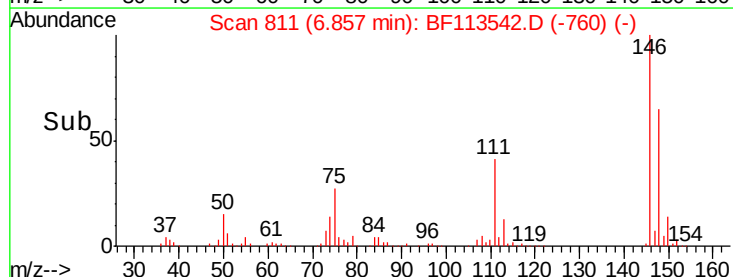
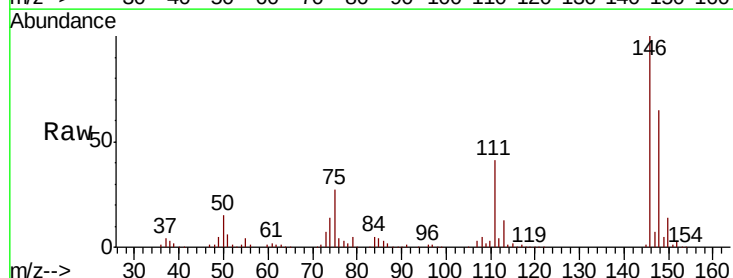
Instrument :
 BNA_F
 ClientSampleId :

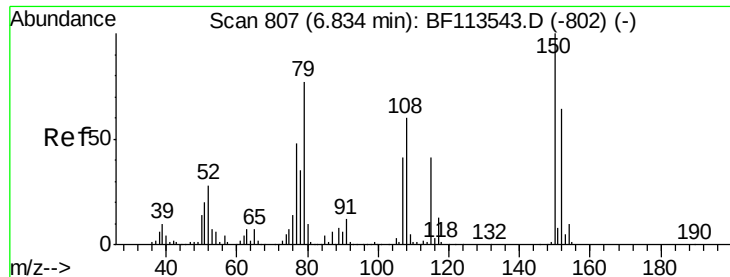
Tot Ion:146 Resp: 244396
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.9 76.3
 111 40.6 31.0 46.6



#14
 1,2-Dichlorobenzene
 Concen: 20.229 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion:146 Resp: 225352
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.3 75.5
 111 40.6 34.0 51.0





#15

Benzyl Alcohol

Concen: 22.225 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampled :

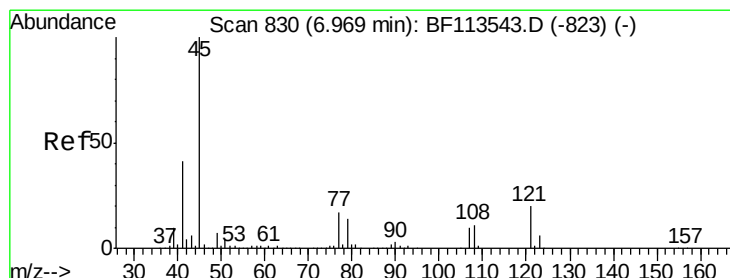
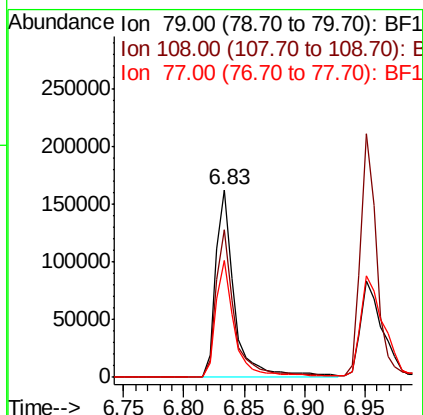
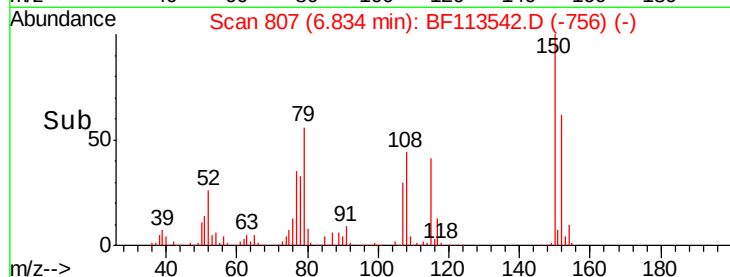
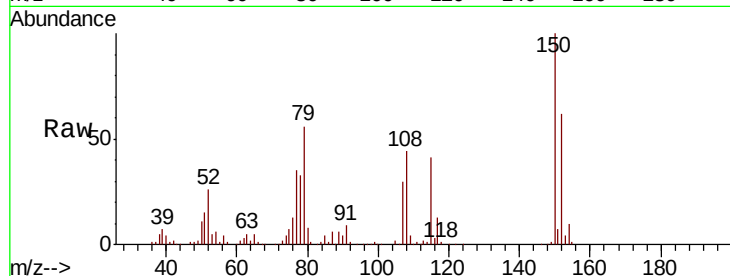
Tot Ion: 79 Resp: 173774

Ion Ratio Lower Upper

79 100

108 78.4 62.8 94.2

77 62.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.510 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

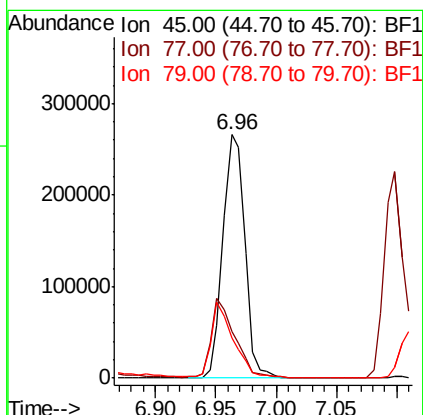
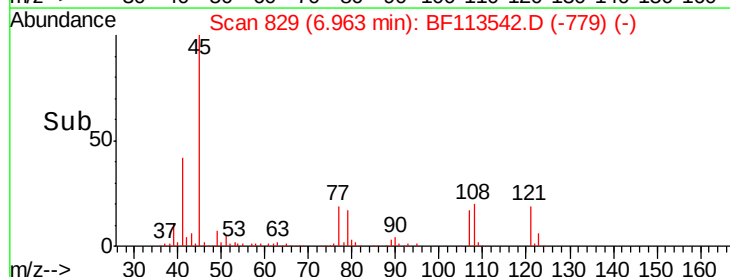
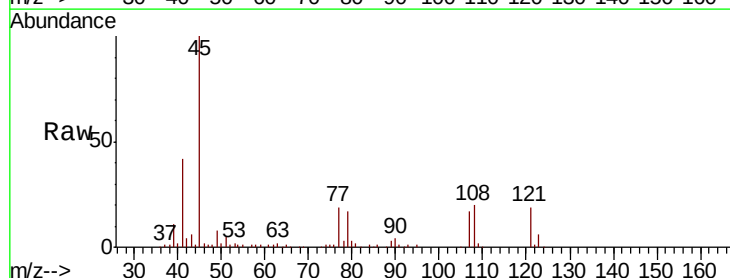
Tgt Ion: 45 Resp: 335153

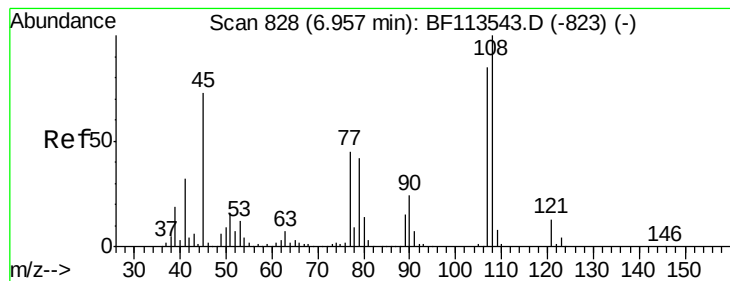
Ion Ratio Lower Upper

45 100

77 19.0 0.0 36.9

79 16.6 0.0 34.2





#17

2-Methylphenol

Concen: 20.460 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 174448

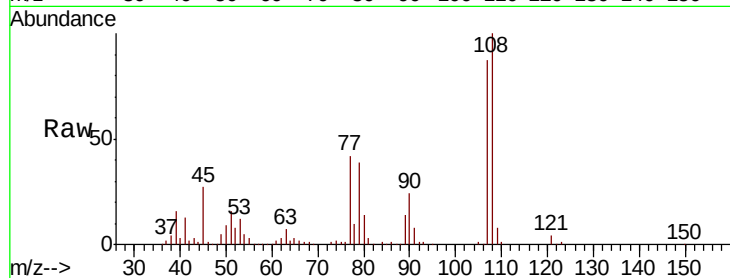
Ion Ratio Lower Upper

107 100

108 114.4 94.2 141.4

77 47.6 42.7 64.1

79 45.1 40.3 60.5

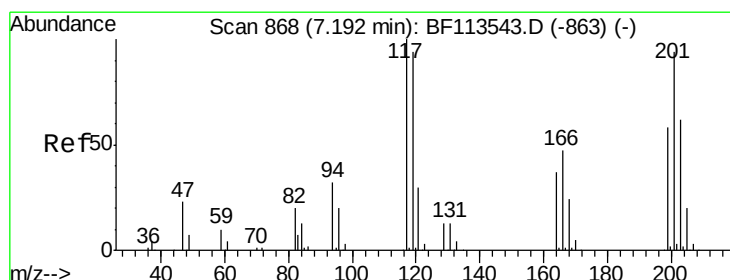
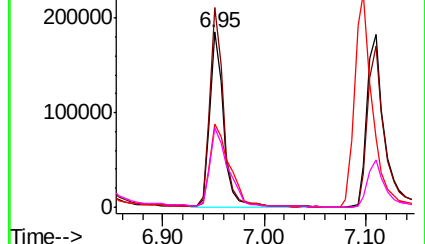
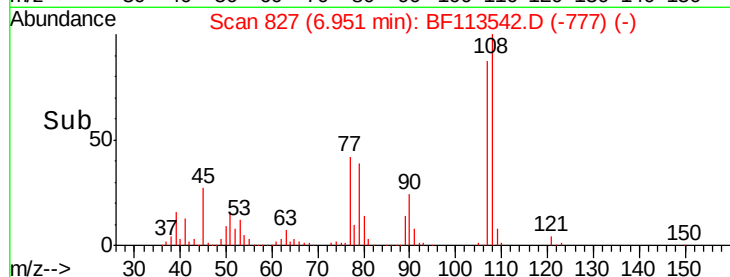


Abundance Ion 107.00 (106.70 to 107.70): E

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: 21.463 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

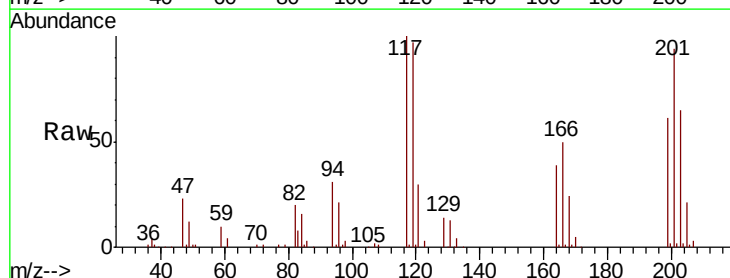
Tgt Ion:117 Resp: 87289

Ion Ratio Lower Upper

117 100

119 97.3 75.4 113.0

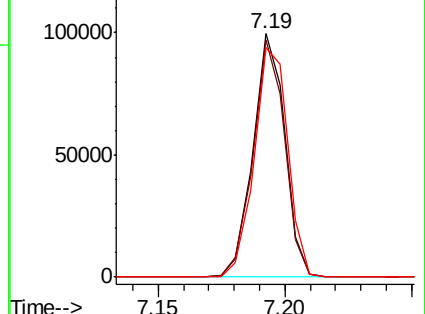
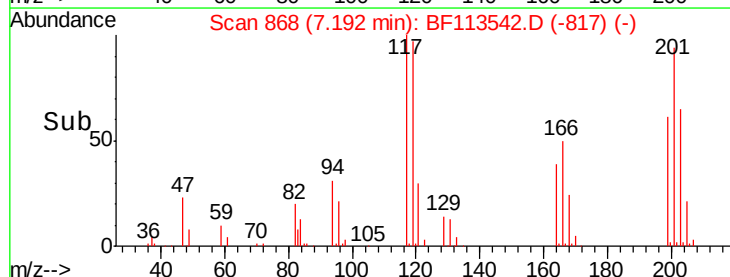
201 94.4 75.1 112.7

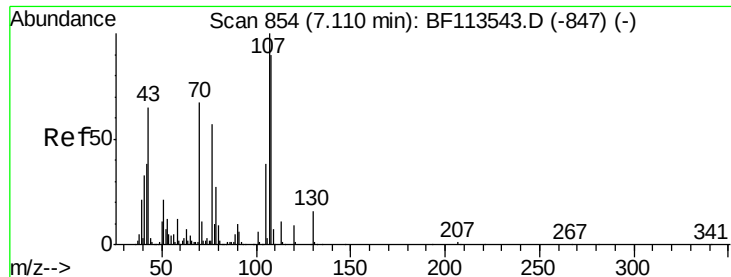


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

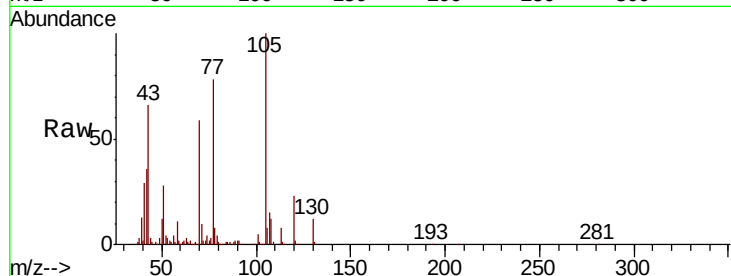




#19
n-Nitroso-di-n-propylamine
Concen: 20.299 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.1	46.2	69.2
101	9.1	7.6	11.4
130	20.6	18.6	28.0



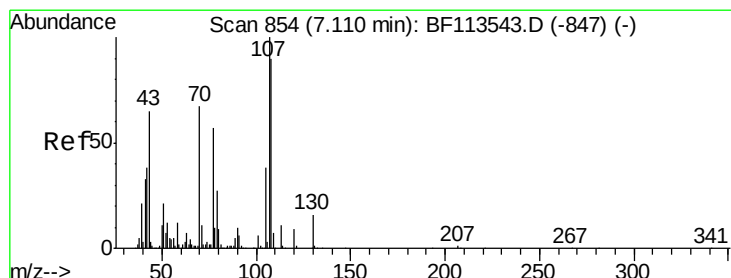
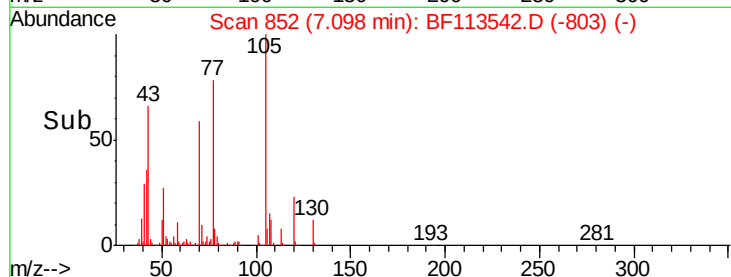
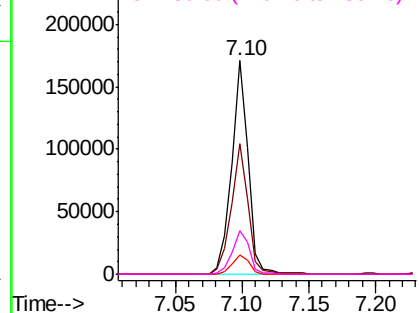
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 20.859 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	69.9	109.9
77	40.0	37.4	77.4
79	27.4	7.1	47.1

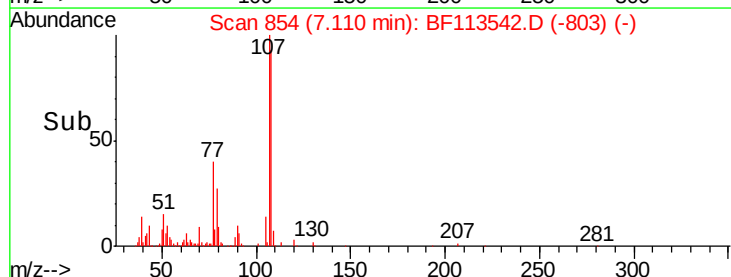
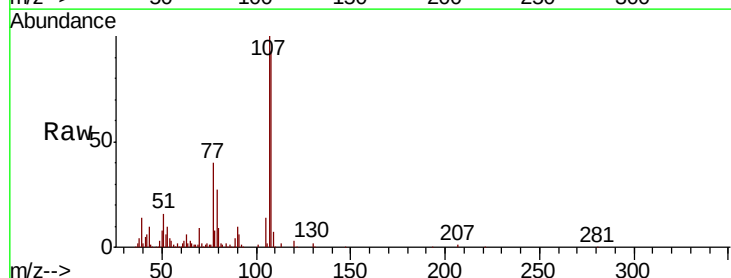
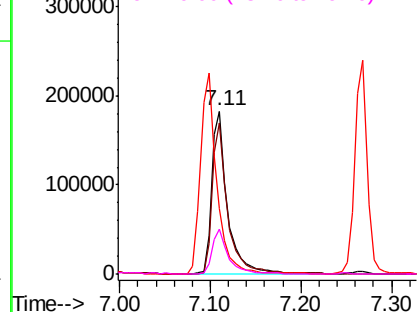
Abundance

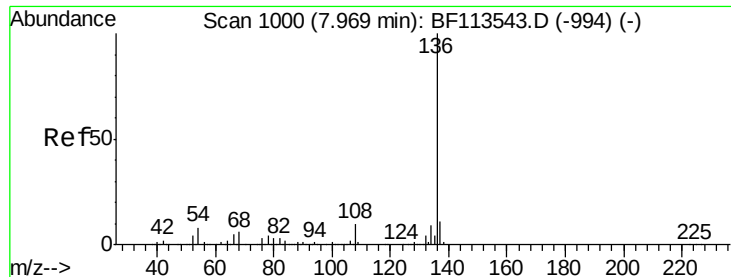
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 601407

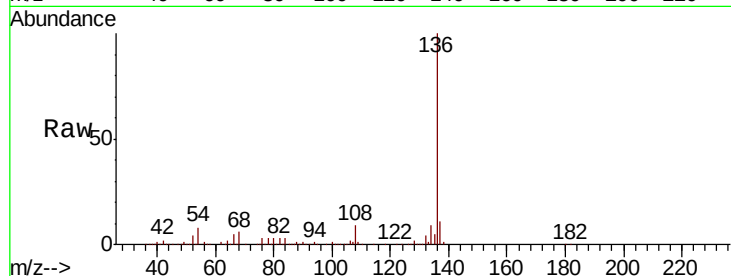
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.2 9.2

68 5.7 4.7 7.1

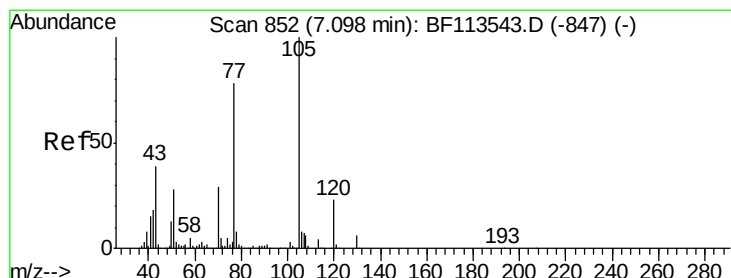
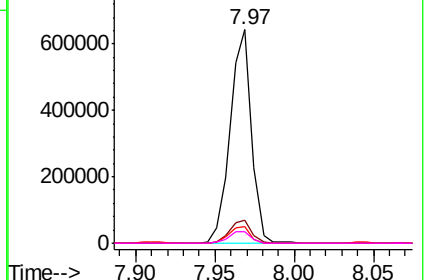
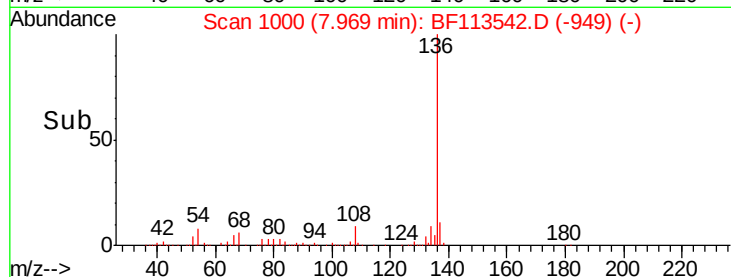


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.046 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Tgt Ion:105 Resp: 288648

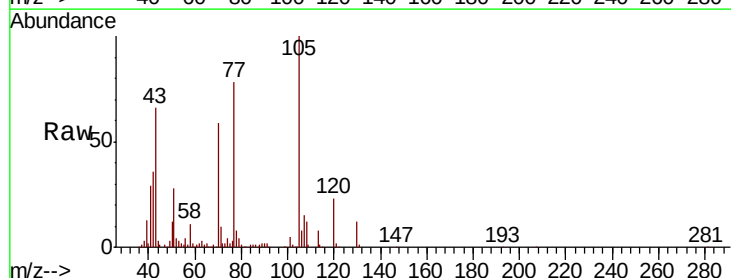
Ion Ratio Lower Upper

105 100

71 9.7 3.7 5.5#

51 27.9 22.9 34.3

120 22.7 18.1 27.1

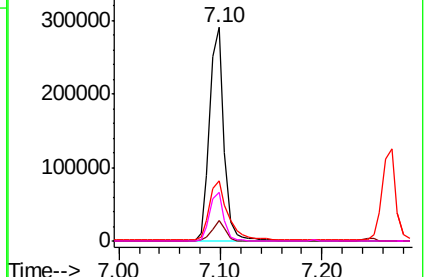
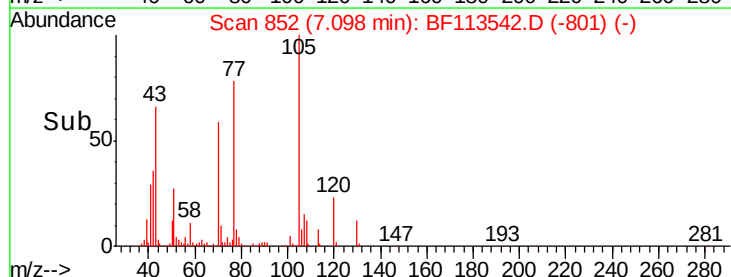


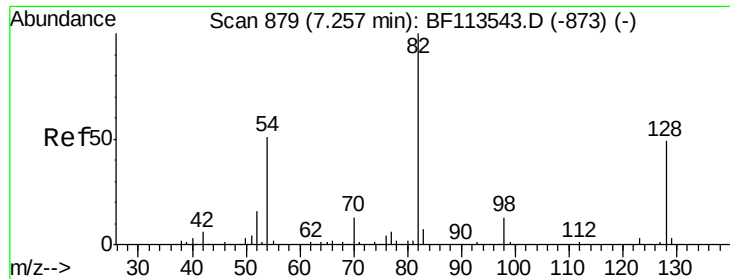
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

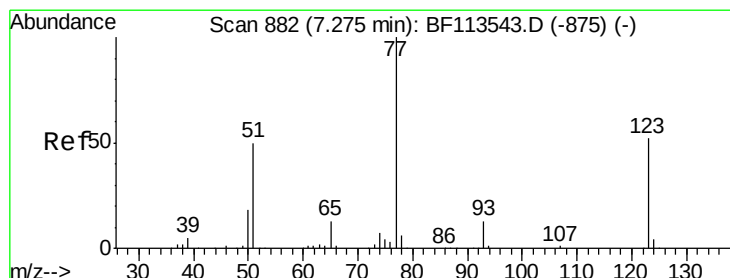
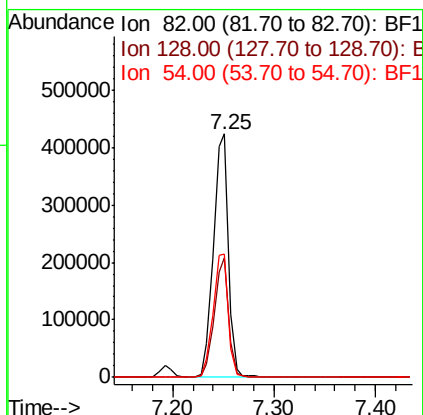
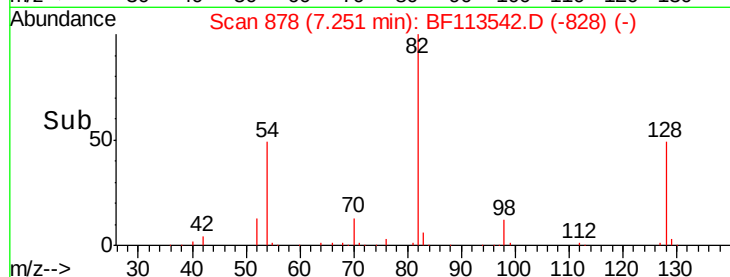
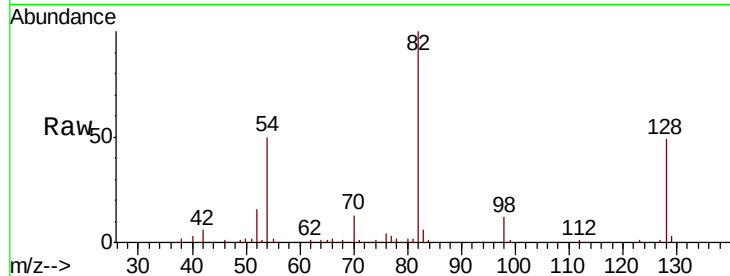




#23
Nitrobenzene-d5
Concen: 43.065 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

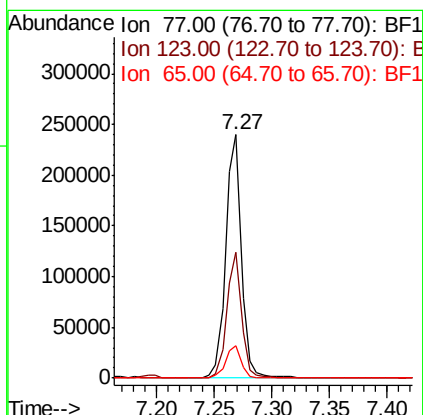
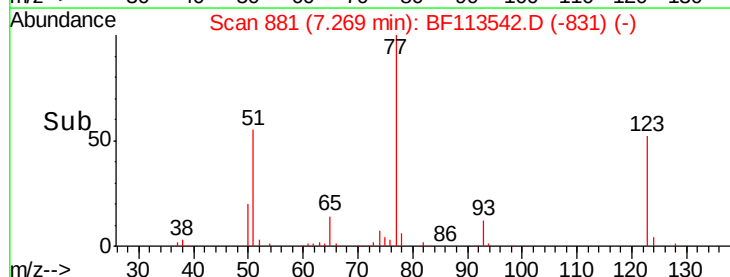
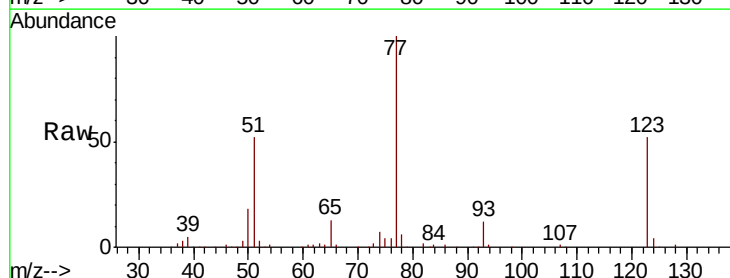
Instrument :
BNA_F
ClientSampleId :

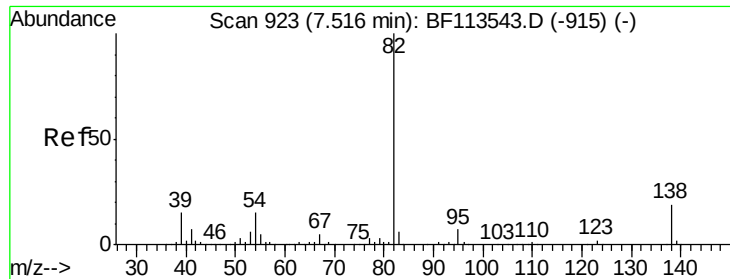
Tot Ion: 82 Resp: 436359
Ion Ratio Lower Upper
82 100
128 49.0 39.1 58.7
54 50.4 41.0 61.4



#24
Nitrobenzene
Concen: 21.162 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion: 77 Resp: 223752
Ion Ratio Lower Upper
77 100
123 51.7 41.2 61.8
65 13.2 10.2 15.4





#25

Isophorone

Concen: 21.180 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

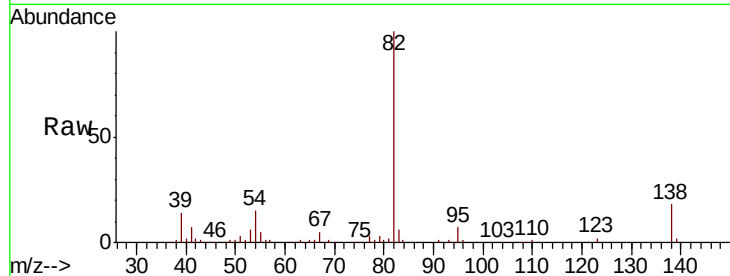
Tot Ion: 82 Resp: 415896

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

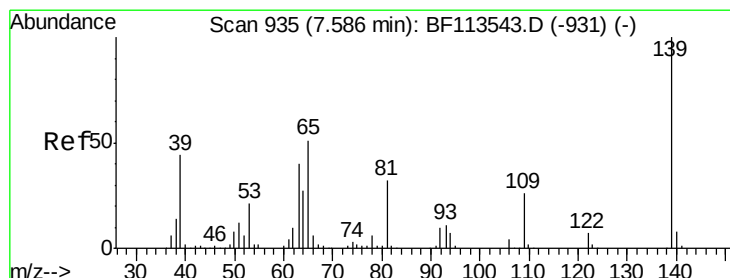
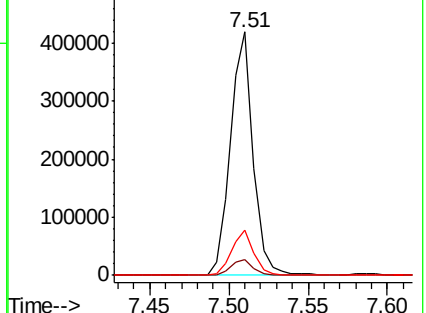
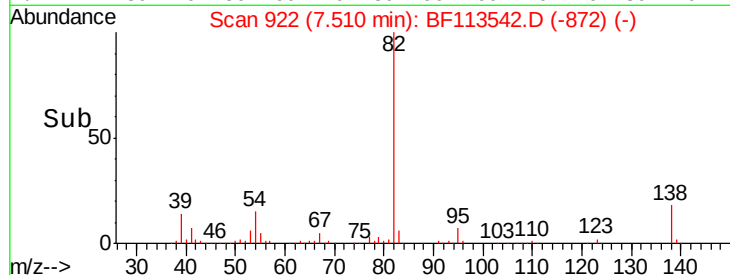
138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 21.378 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

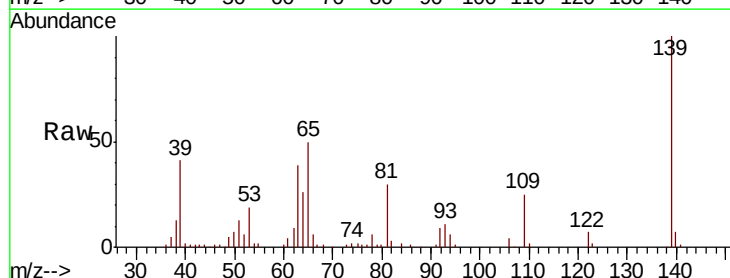
Tgt Ion: 139 Resp: 119482

Ion Ratio Lower Upper

139 100

109 24.9 20.9 31.3

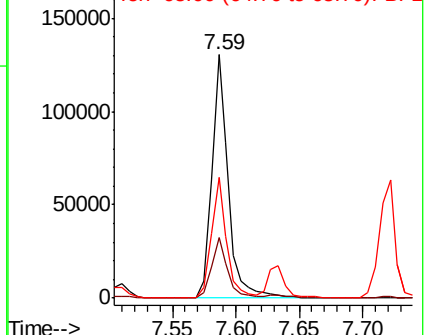
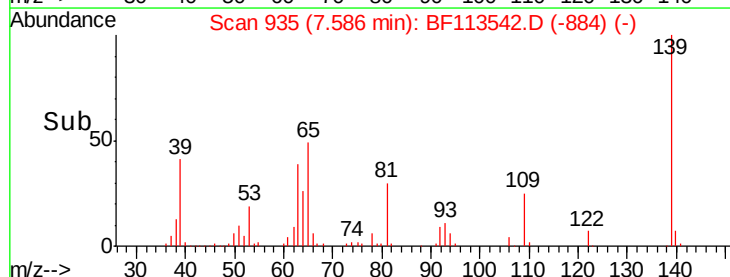
65 49.8 40.5 60.7

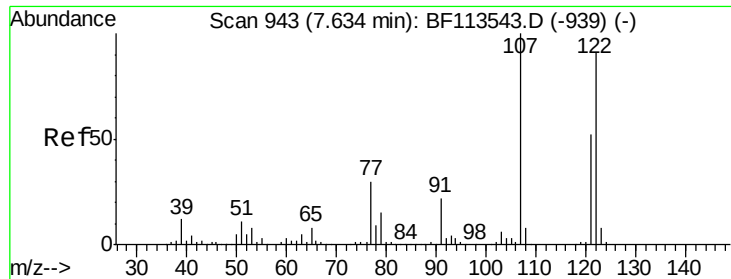


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

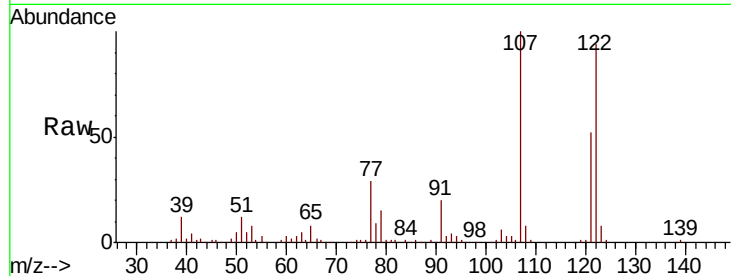




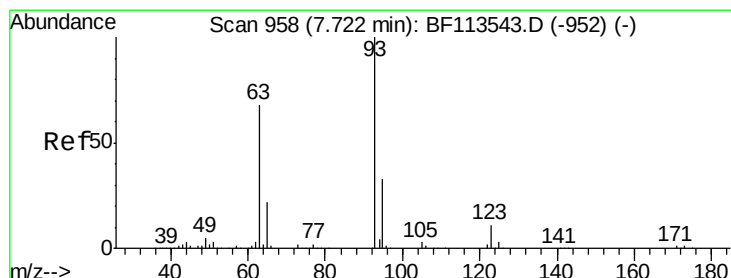
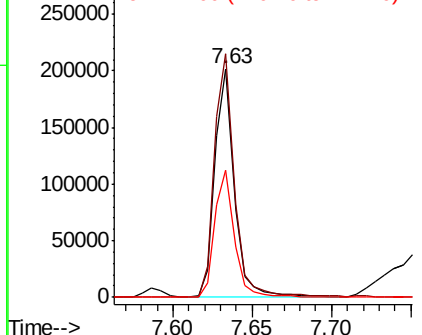
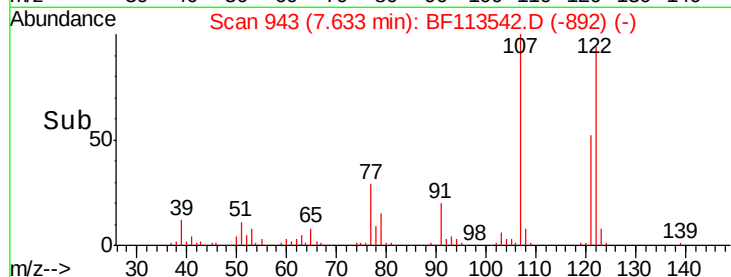
#27
 2,4-Dimethylphenol
 Concen: 21.472 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 172628
 Ion Ratio Lower Upper
 122 100
 107 106.4 88.2 132.4
 121 55.7 45.7 68.5

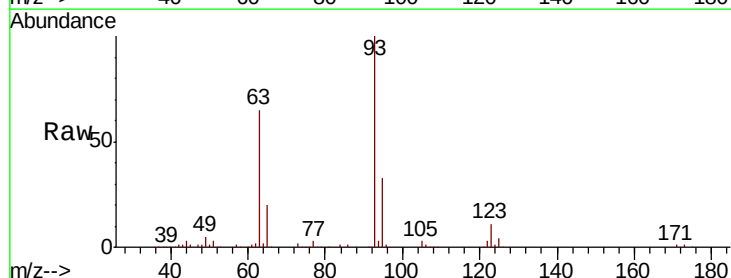


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

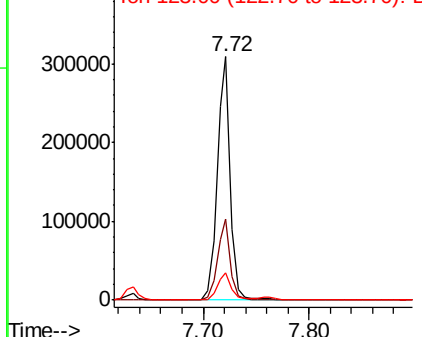
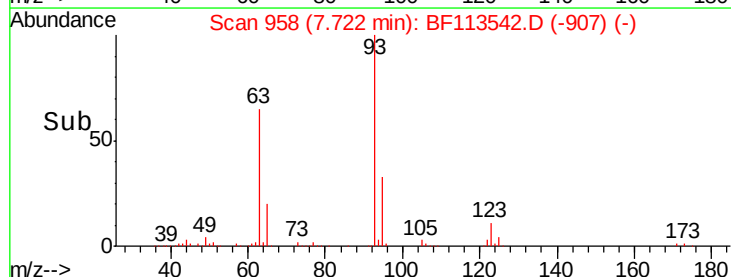


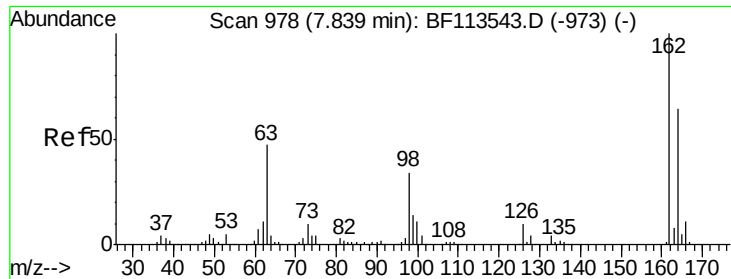
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.836 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion: 93 Resp: 270019
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.4 9.1 13.7



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

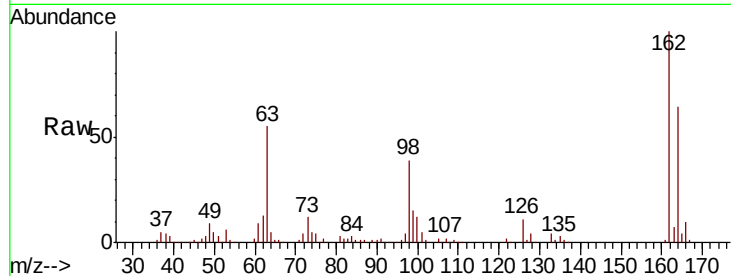




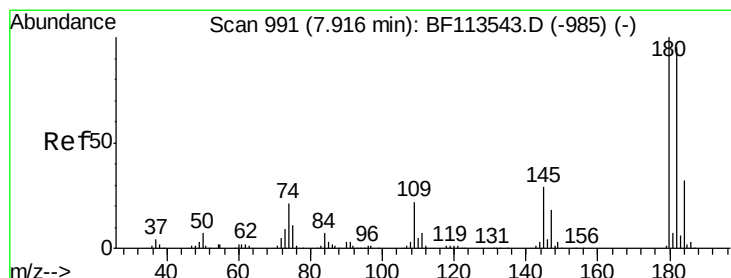
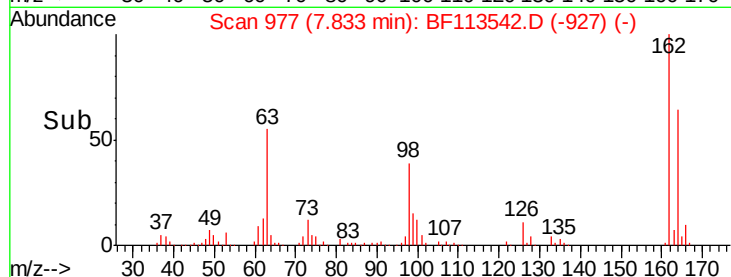
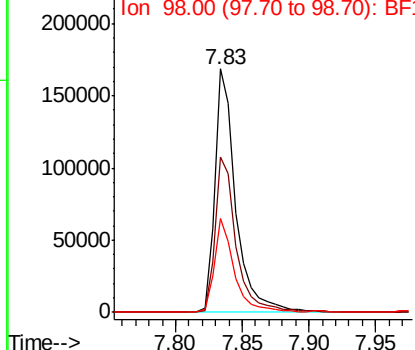
#29
 2,4-Dichlorophenol
 Concen: 21.440 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.3	84.3
98	38.6	14.0	54.0

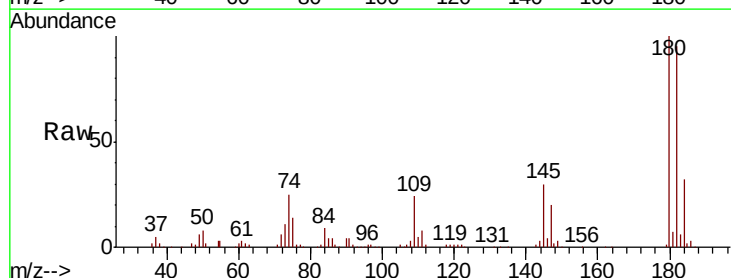


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

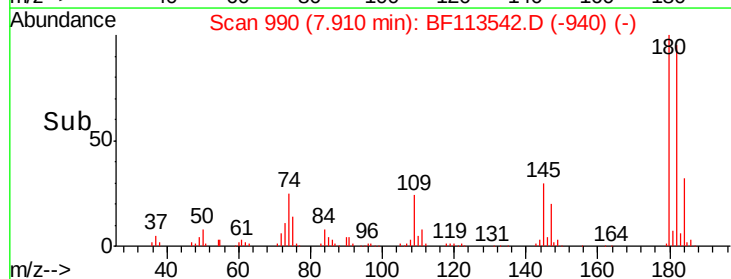
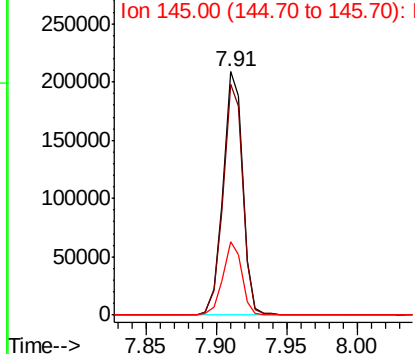


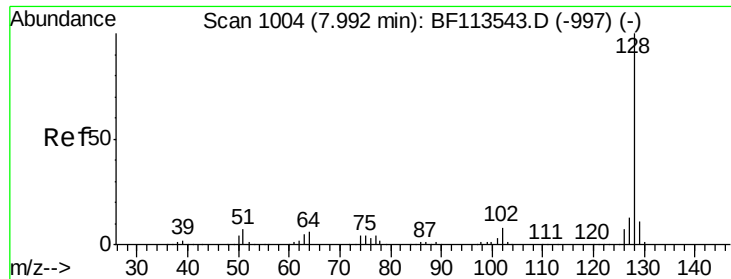
#30
 1,2,4-Trichlorobenzene
 Concen: 21.543 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	30.1	22.9	34.3



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

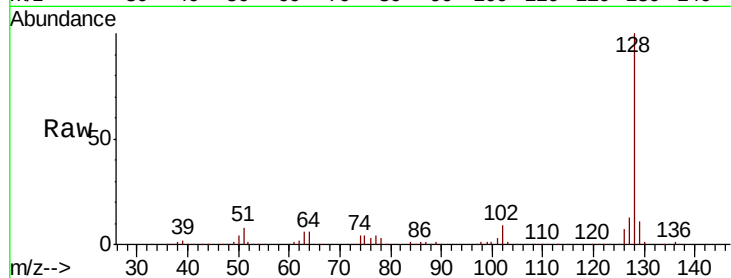




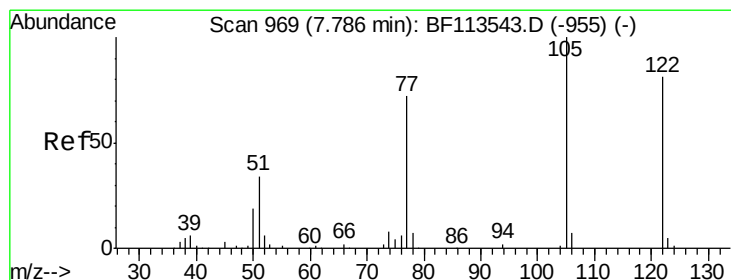
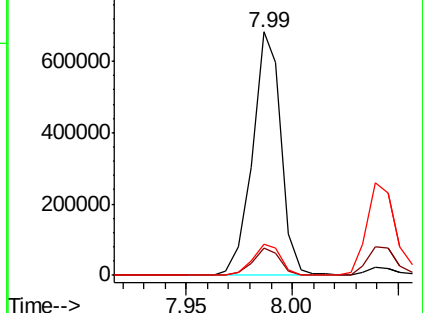
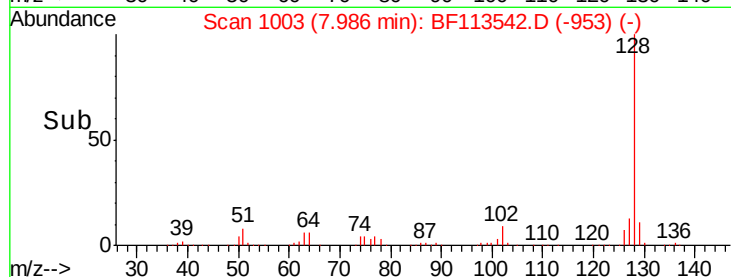
#31
Naphthalene
Concen: 21.805 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 640848
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.0 10.7 16.1

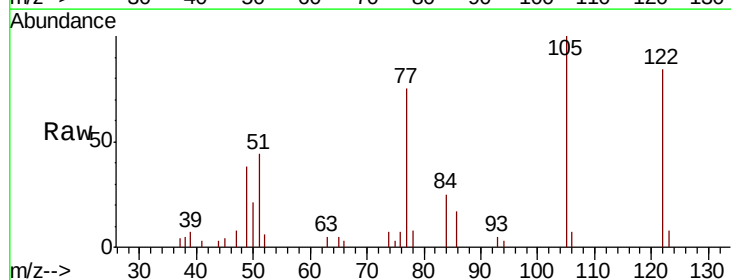


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

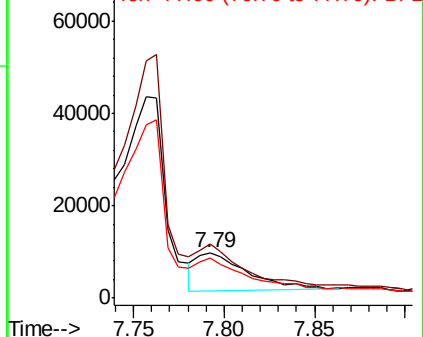
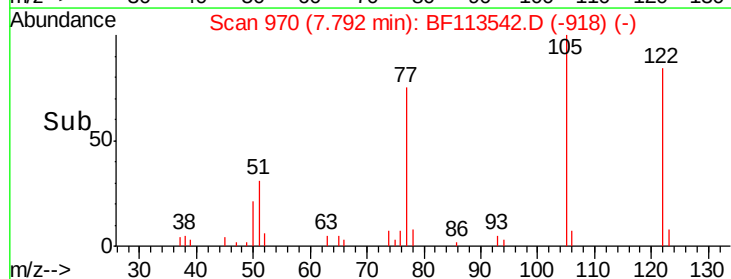


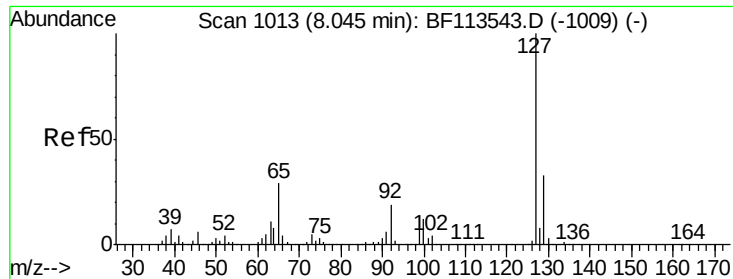
#32
Benzoic acid
Concen: 2.419 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:122 Resp: 15652
Ion Ratio Lower Upper
122 100
105 118.4 101.5 141.5
77 88.6 68.7 108.7



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

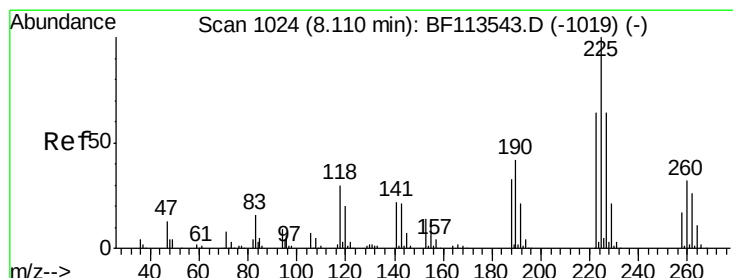
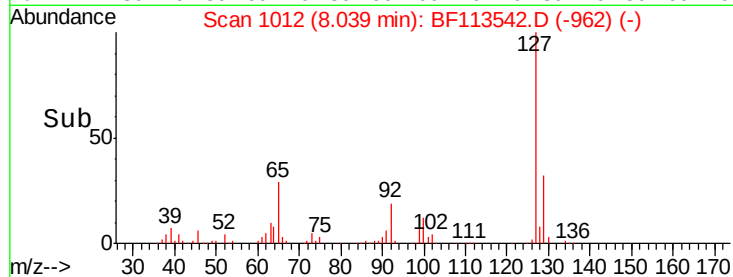
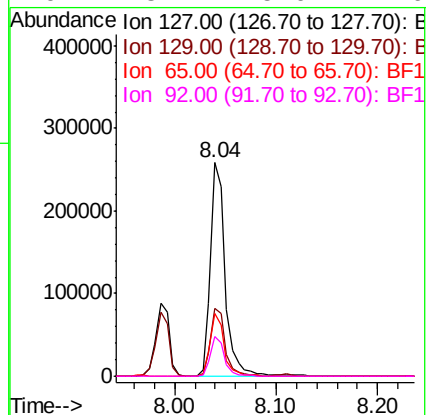
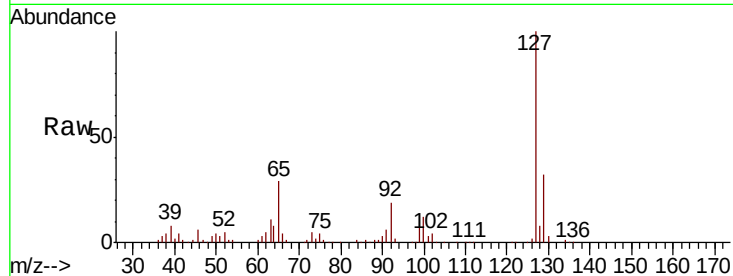




#33
4-Chloroaniline
Concen: 22.679 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

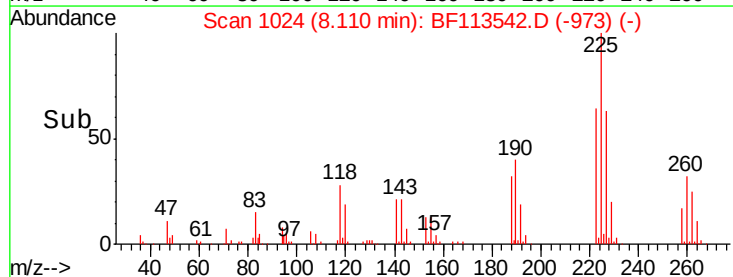
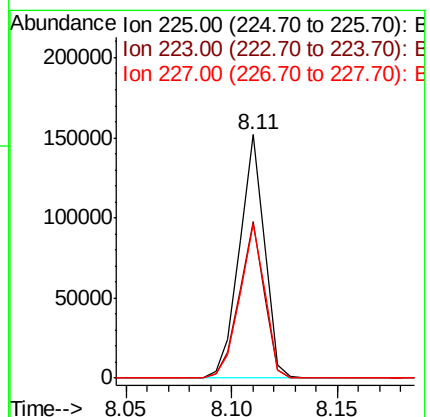
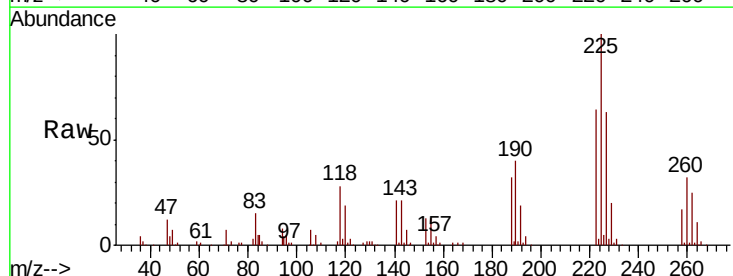
Instrument :
BNA_F
ClientSampleId :

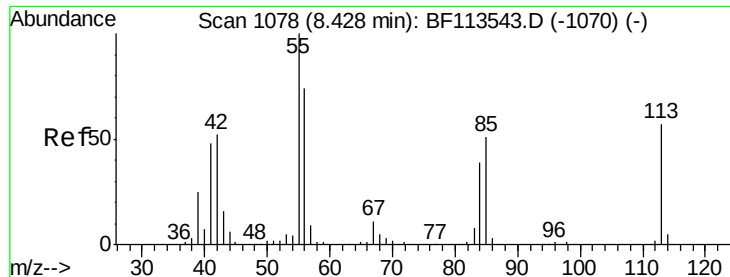
Tot Ion:	127	Resp:	259911
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	29.3	23.1	34.7
92	18.7	15.0	22.6



#34
Hexachlorobutadiene
Concen: 22.291 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:	225	Resp:	124531
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	63.4	51.4	77.2

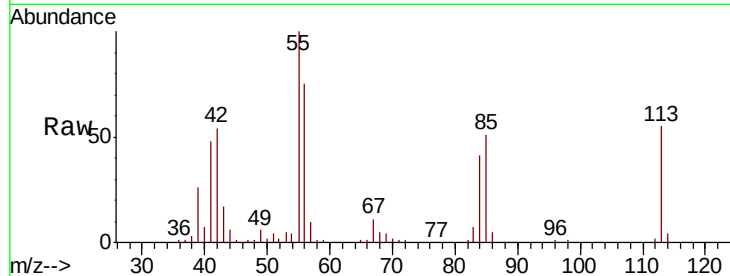




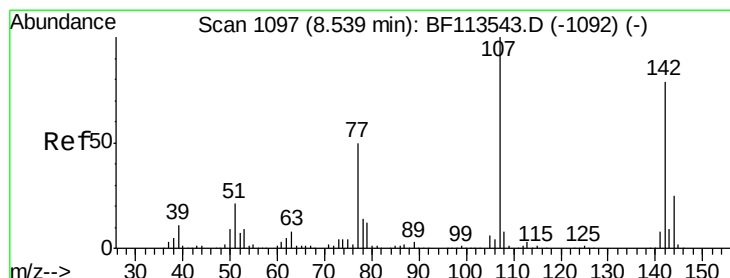
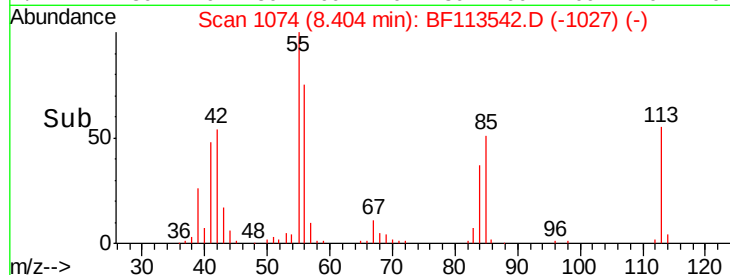
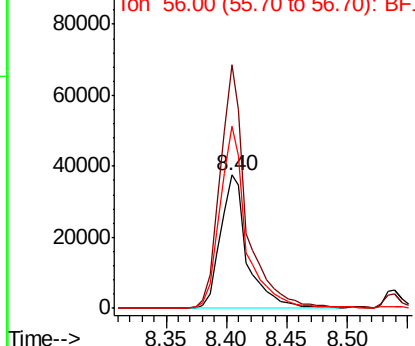
#35
Caprolactam
Concen: 20.739 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 57989
Ion Ratio Lower Upper
113 100
55 182.4 154.8 194.8
56 136.5 108.9 148.9

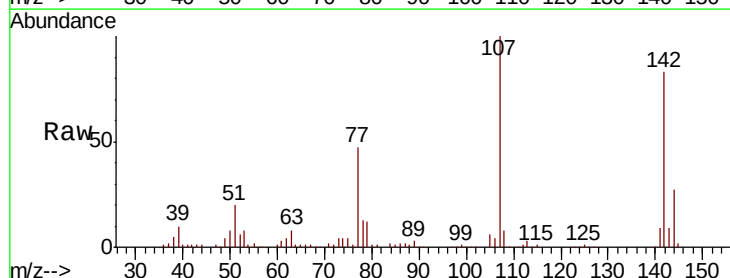


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

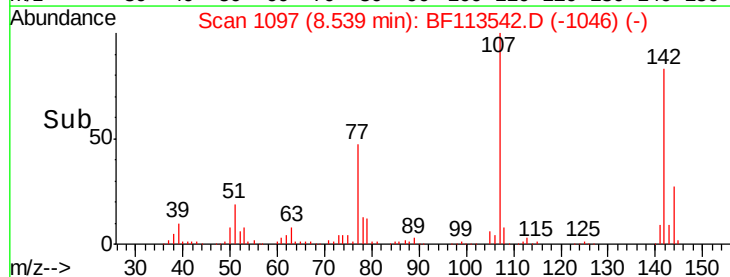
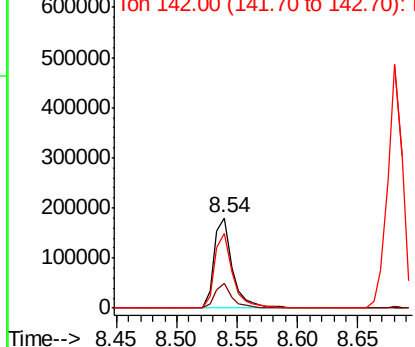


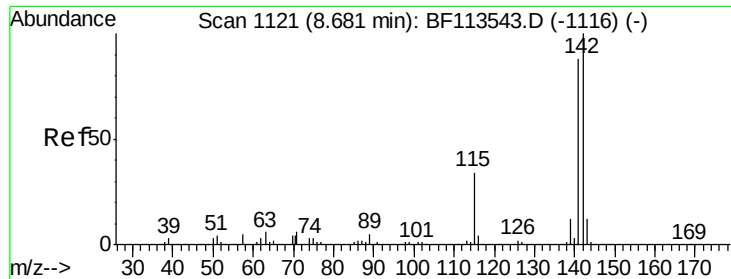
#36
4-Chloro-3-methylphenol
Concen: 21.569 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:107 Resp: 189004
Ion Ratio Lower Upper
107 100
144 27.0 20.0 30.0
142 82.8 62.9 94.3



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

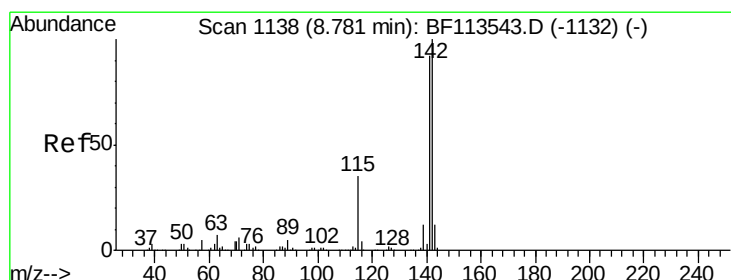
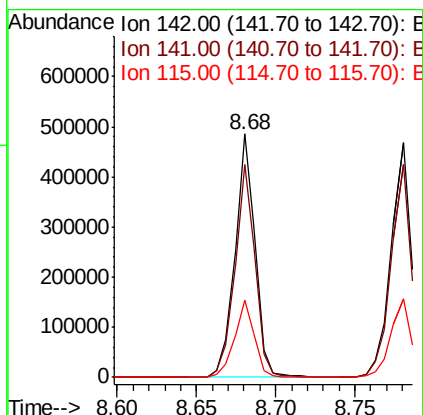
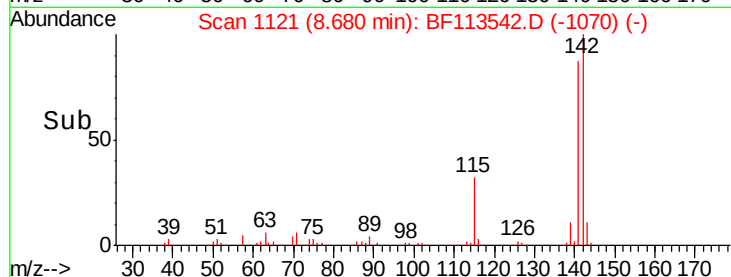
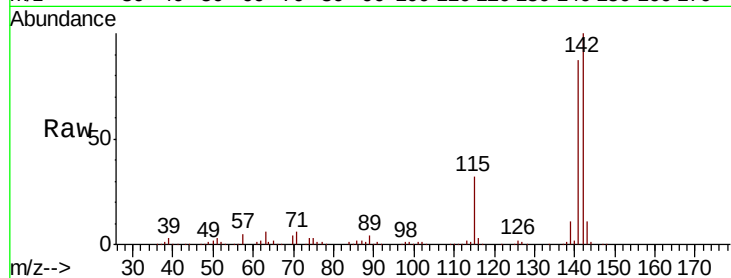




#37
2-Methylnaphthalene
Concen: 23.336 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

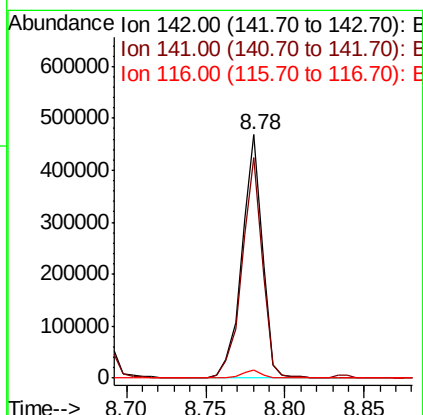
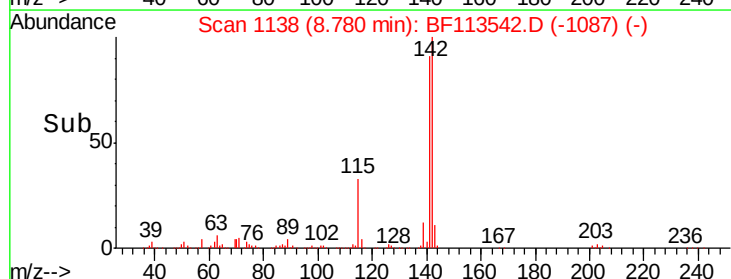
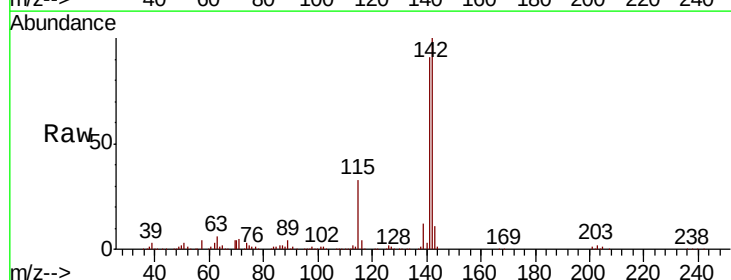
Instrument :
BNA_F
ClientSampleId :

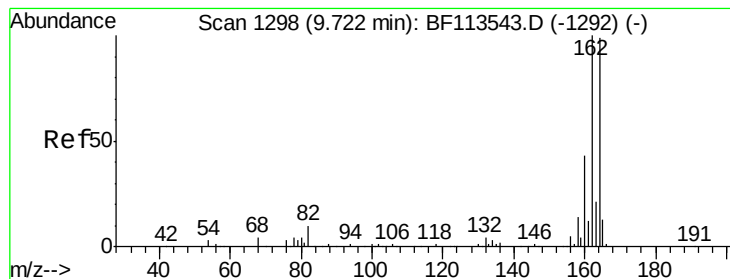
Tot Ion:142 Resp: 427930
Ion Ratio Lower Upper
142 100
141 87.4 70.6 105.8
115 31.8 26.9 40.3



#38
1-Methylnaphthalene
Concen: 23.395 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:142 Resp: 412645
Ion Ratio Lower Upper
142 100
141 90.6 73.8 110.6
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

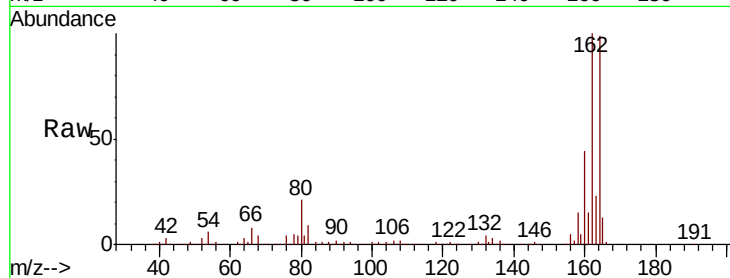
Tot Ion:164 Resp: 298327

Ion Ratio Lower Upper

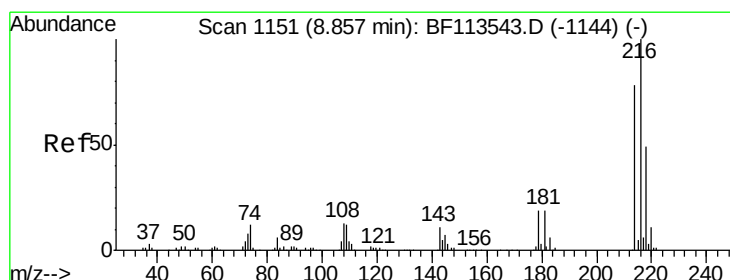
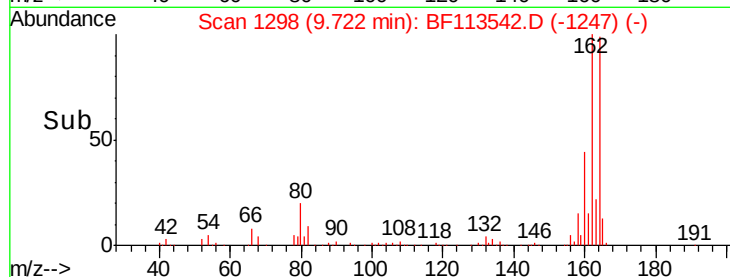
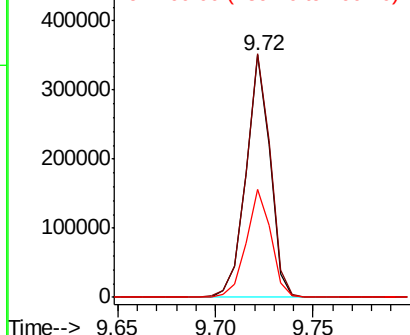
164 100

162 100.6 80.5 120.7

160 44.6 34.8 52.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.525 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Tgt Ion:216 Resp: 206131

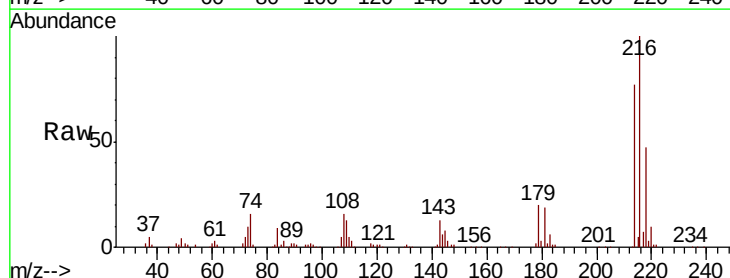
Ion Ratio Lower Upper

216 100

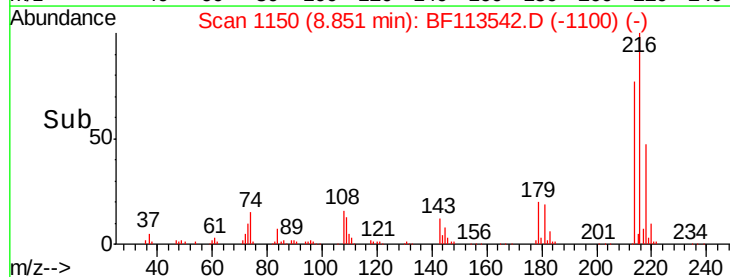
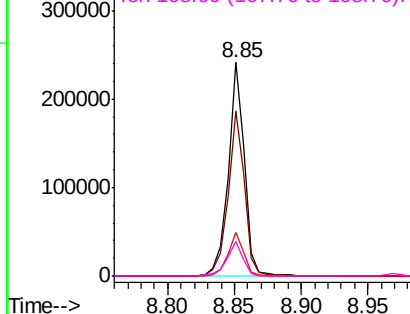
214 78.6 62.7 94.1

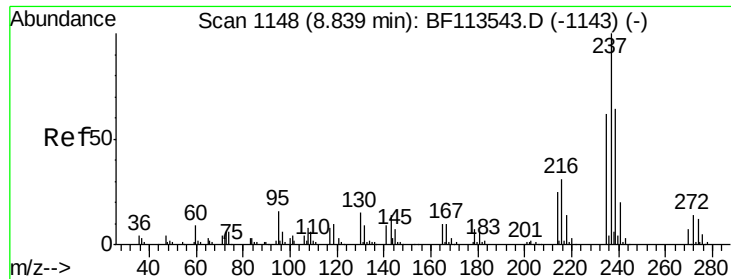
179 20.1 16.1 24.1

108 16.2 13.4 20.0



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

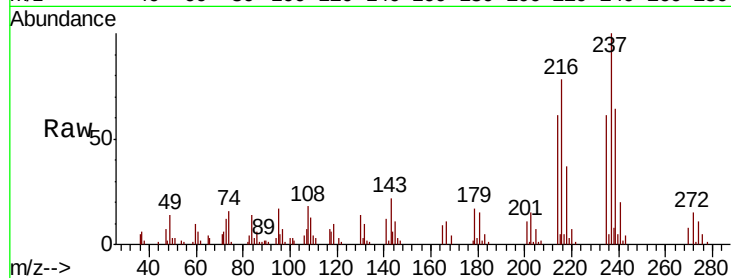




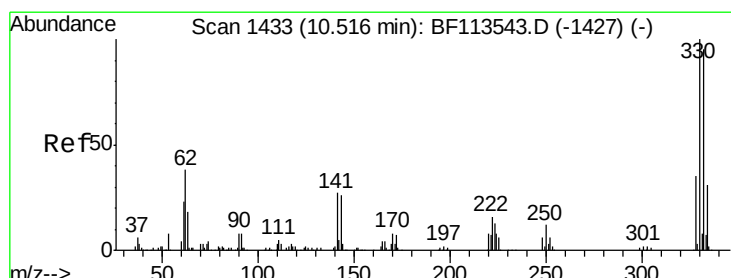
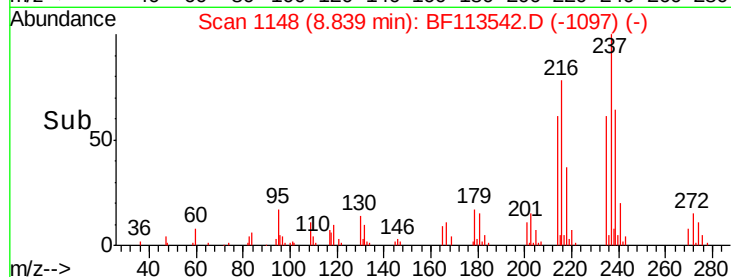
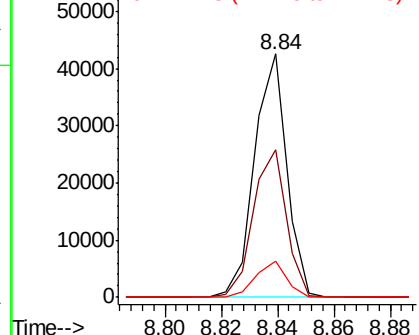
#41
Hexachlorocyclopentadiene
Concen: 8.317 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 33713
Ion Ratio Lower Upper
237 100
235 60.9 42.0 82.0
272 14.7 0.0 33.8

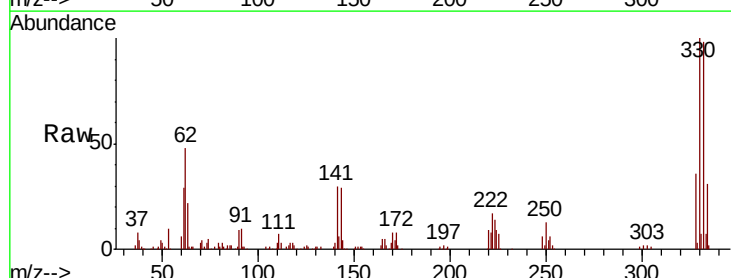


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

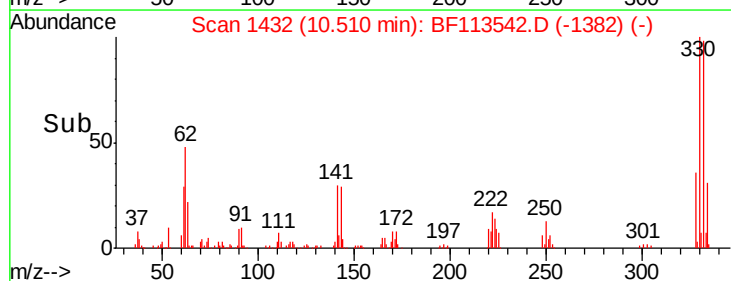
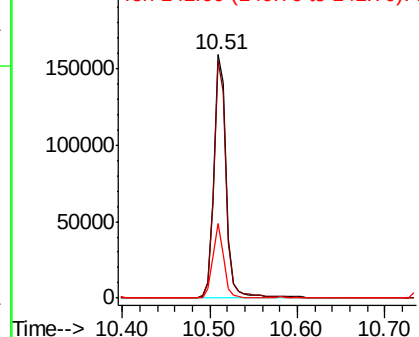


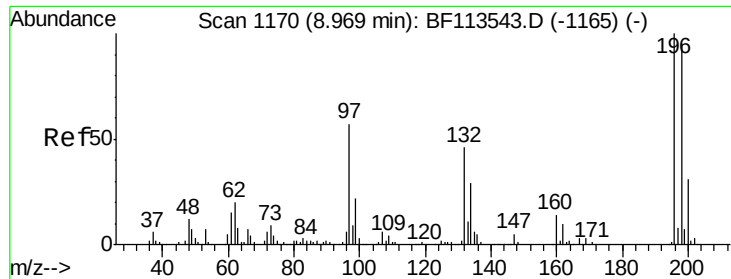
#42
2,4,6-Tribromophenol
Concen: 43.084 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:330 Resp: 158766
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 27.4 21.6 32.4



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

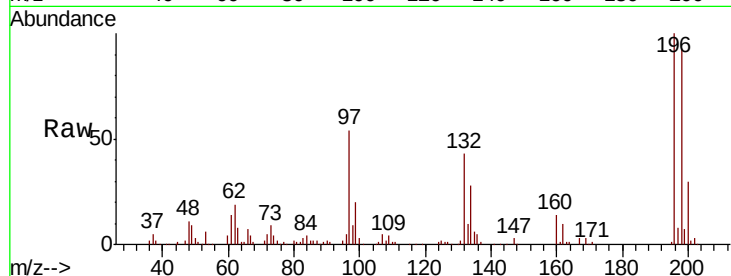




#43
 2,4,6-Trichlorophenol
 Concen: 20.434 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	127427
Ion Ratio	Lower	Upper	
196	100		
198	93.4	76.1	114.1
200	29.5	24.4	36.6

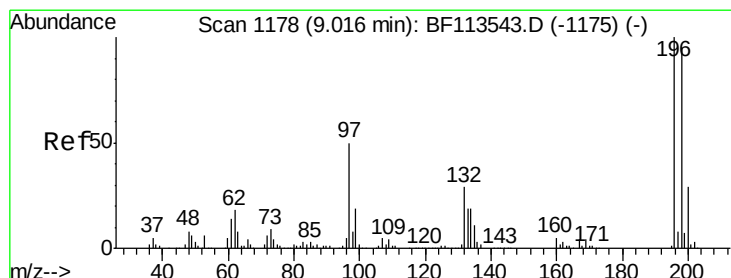
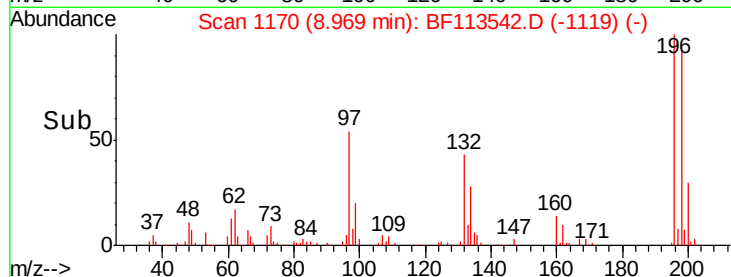
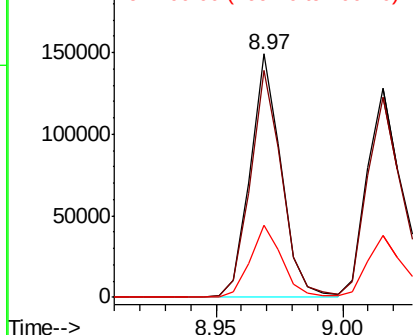


Abundance

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: 20.241 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion	196	Resp	139691
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.0	114.0
97	45.3	40.2	60.4
132	27.1	23.5	35.3

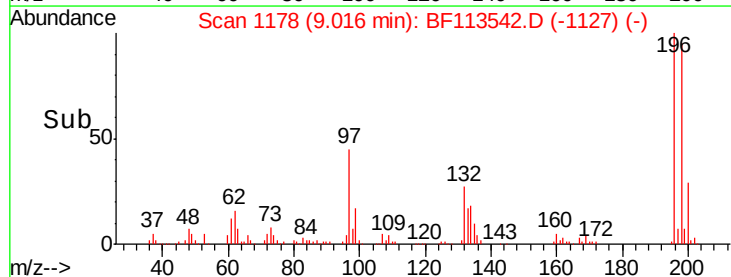
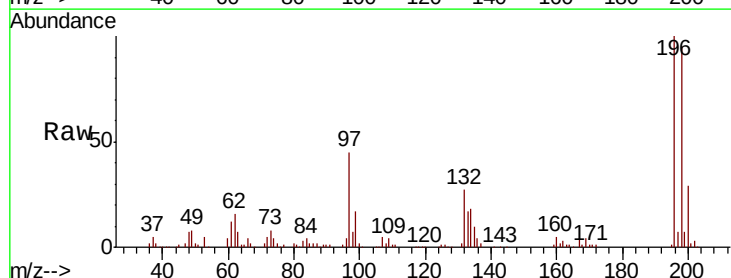
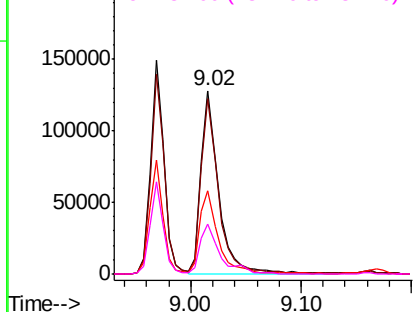
Abundance

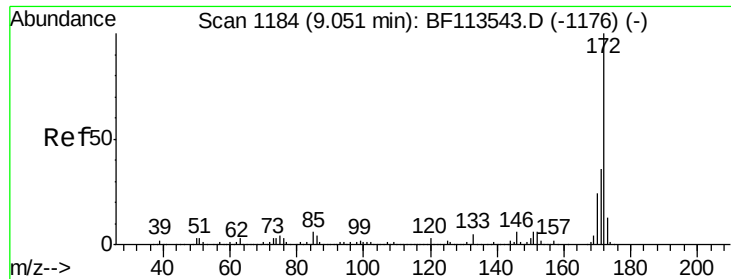
Ion 196.00 (195.70 to 196.70): E

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

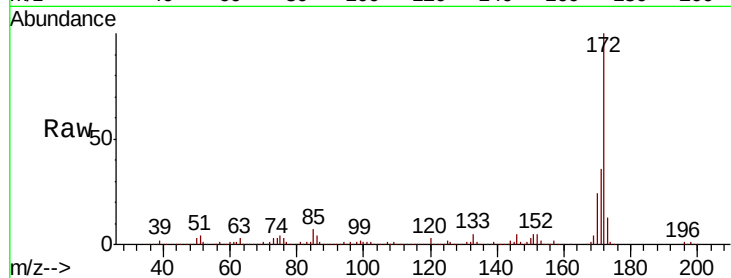




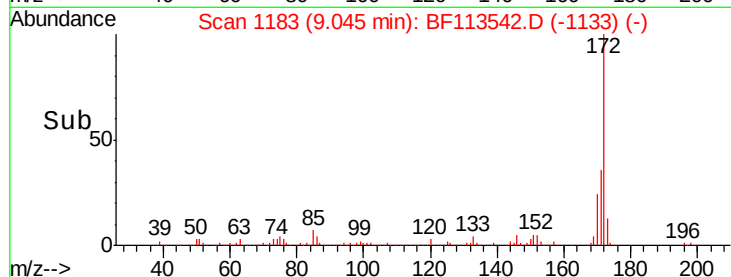
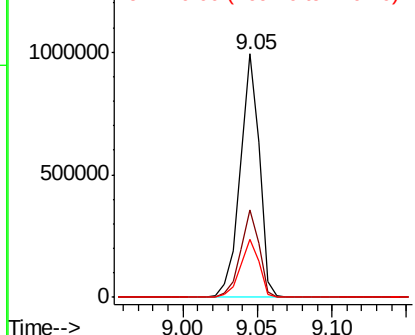
#45
2-Fluorobiphenyl
Concen: 43.797 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 891003
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 24.0 19.5 29.3

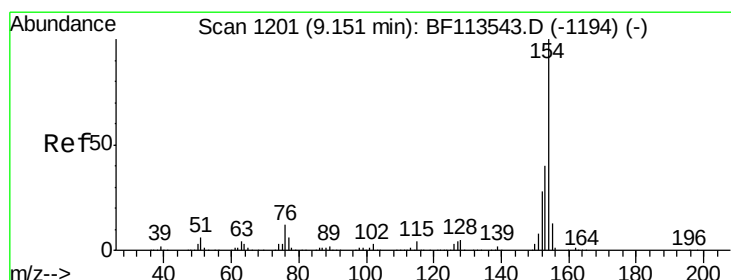


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

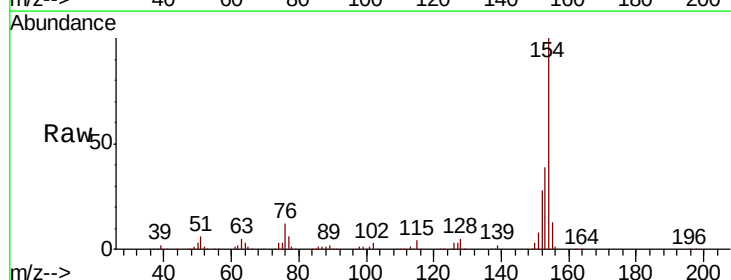
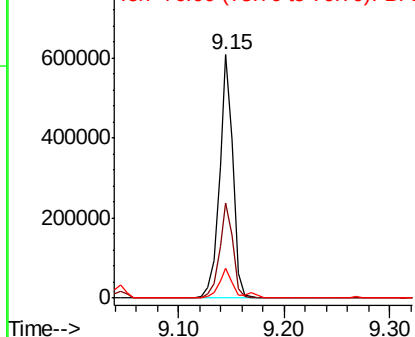


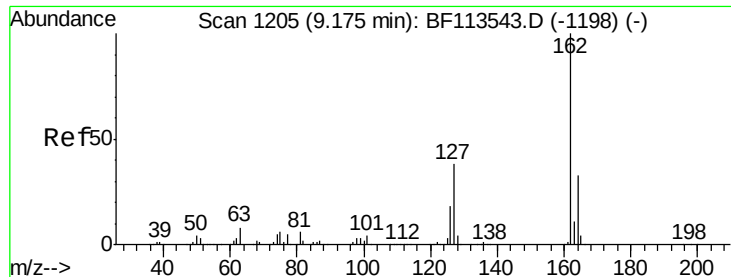
#46
1,1'-Biphenyl
Concen: 21.794 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:154 Resp: 543034
Ion Ratio Lower Upper
154 100
153 39.3 20.2 60.2
76 12.1 0.0 31.7



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

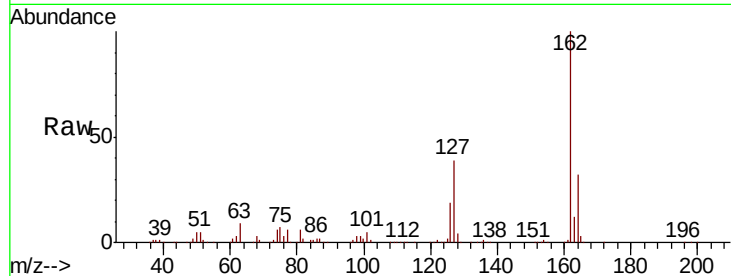




#47
2-Chloronaphthalene
Concen: 20.866 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.4
164	31.7	26.6	40.0

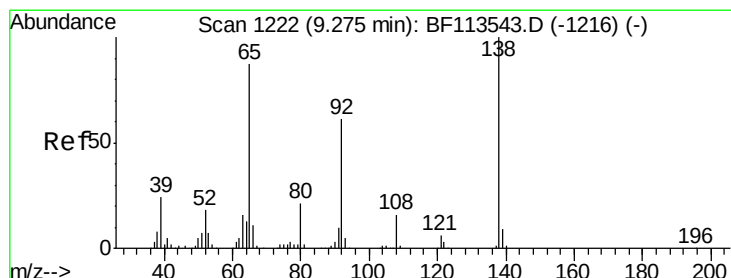
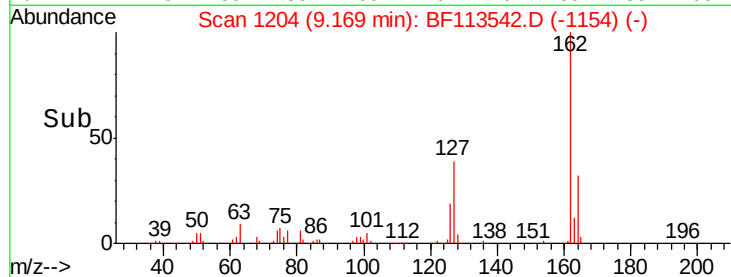
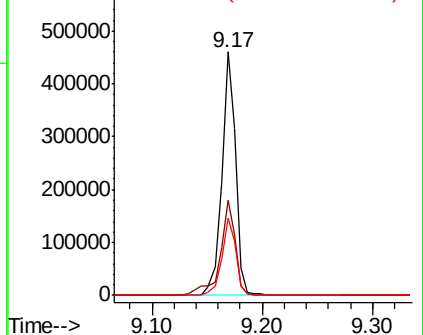


Abundance

Ion 162.00 (161.70 to 162.70): E

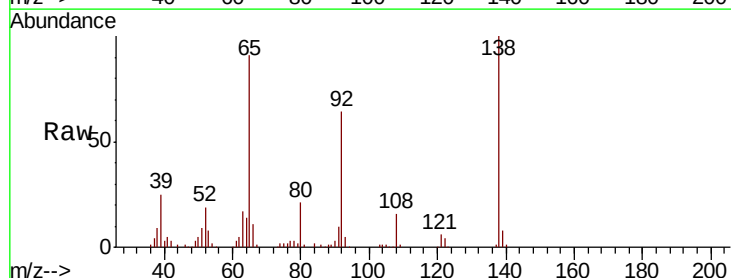
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 19.687 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.0	84.0
138	110.5	92.1	138.1

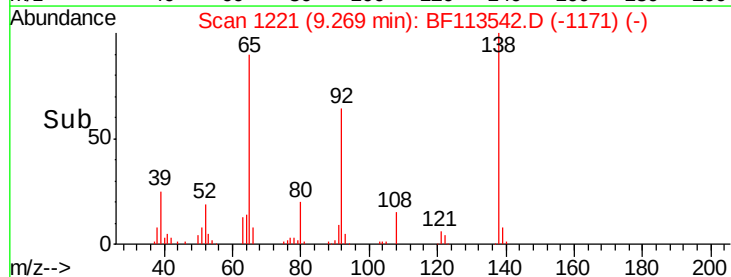
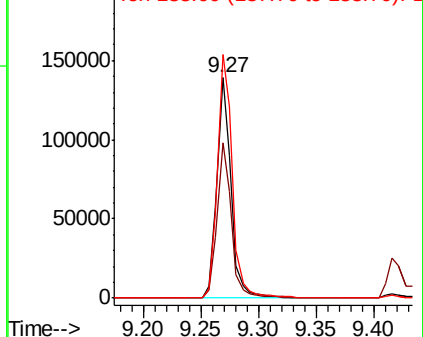


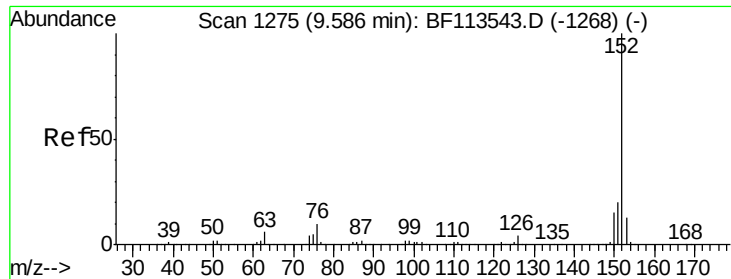
Abundance

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: 21.748 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

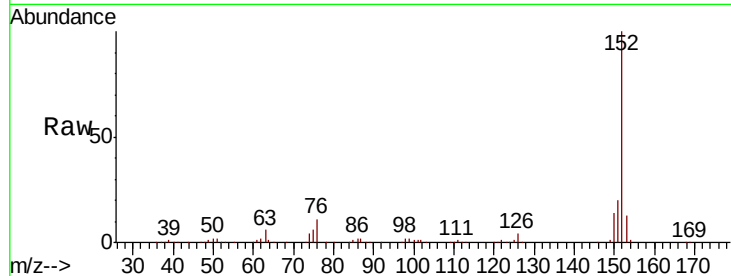
Tot Ion:152 Resp: 674603

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

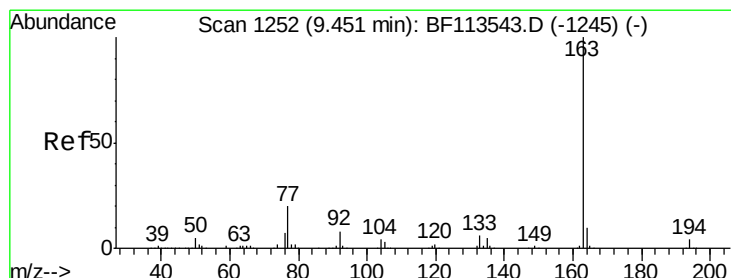
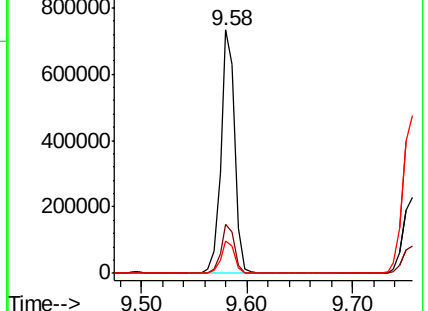
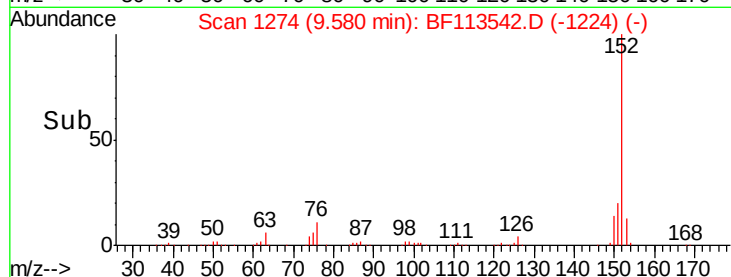
153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 21.115 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

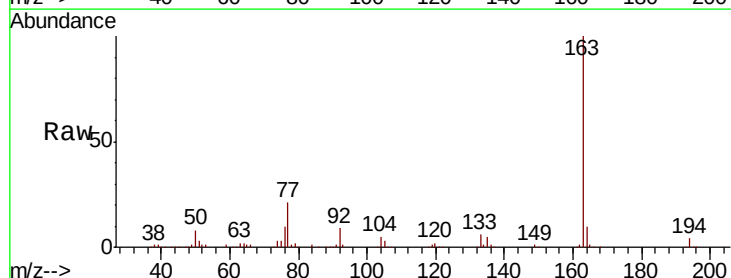
Tgt Ion:163 Resp: 466824

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

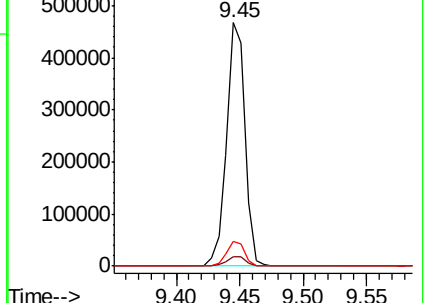
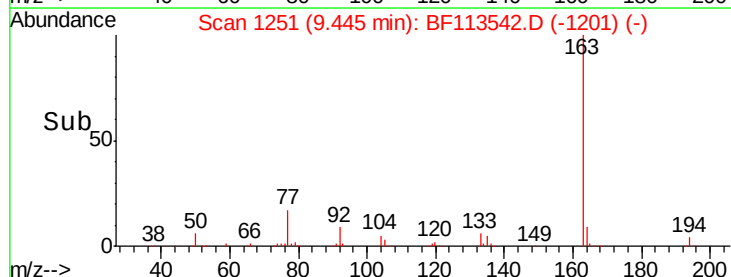
164 10.1 8.2 12.4

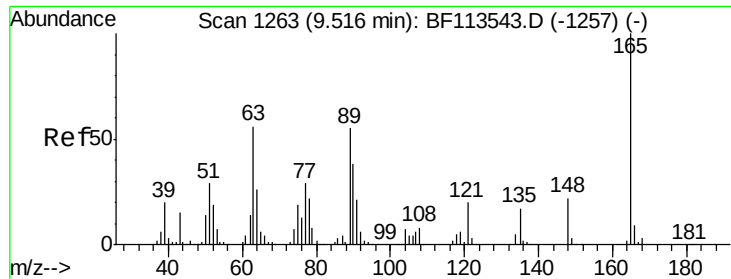


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

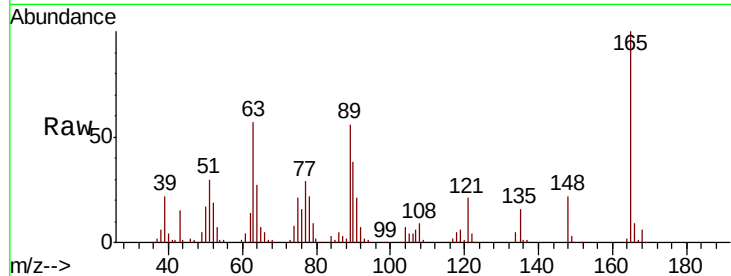




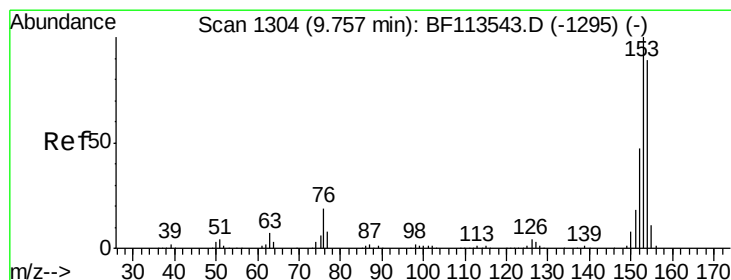
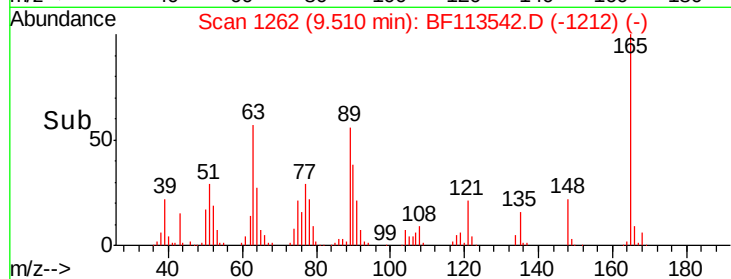
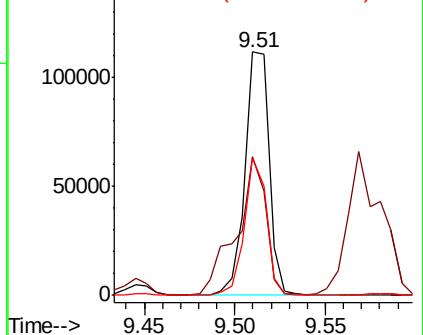
#51
2,6-Dinitrotoluene
Concen: 20.817 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	45.1	67.7
89	56.3	43.9	65.9

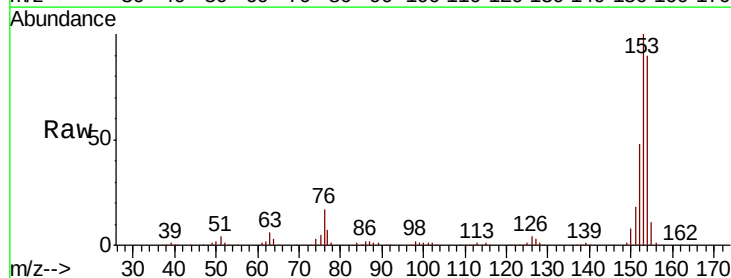


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

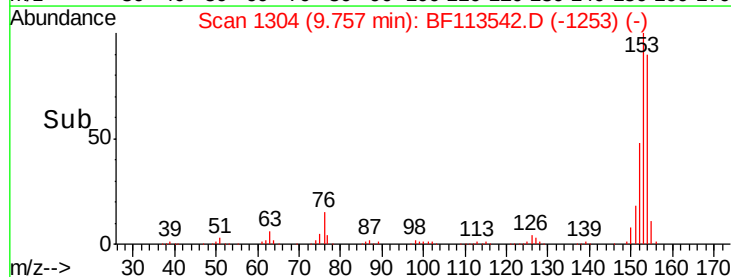
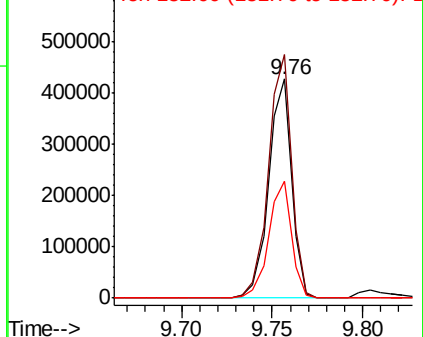


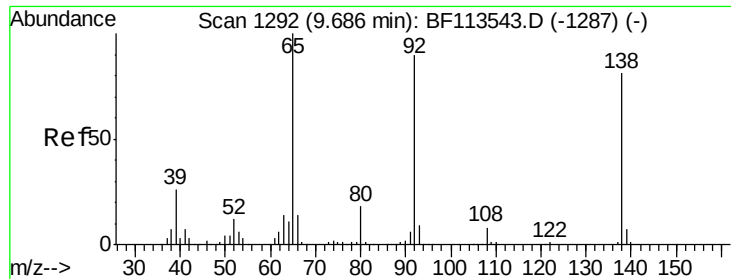
#52
Acenaphthene
Concen: 21.679 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.8	134.8
152	53.5	42.5	63.7



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

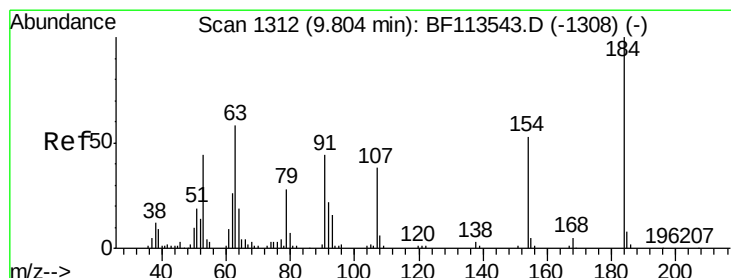
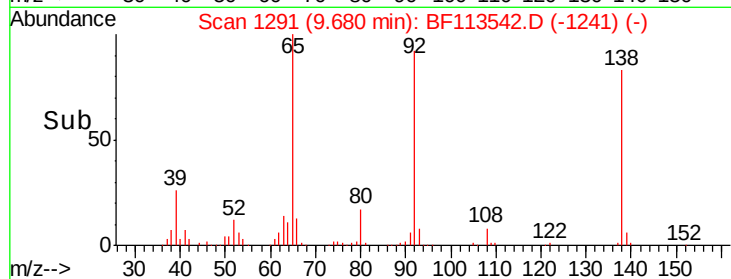
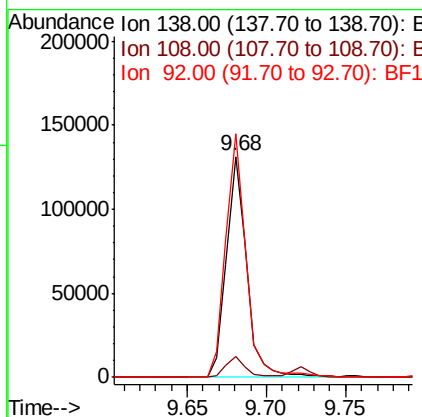
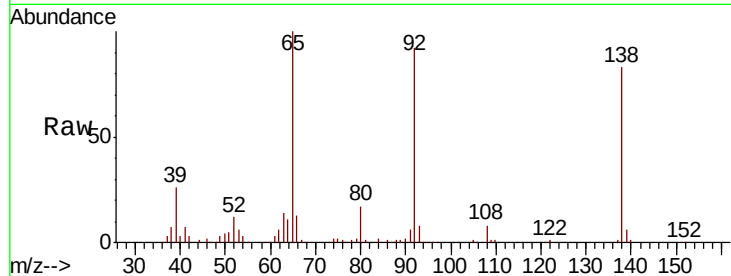




#53
 3-Nitroaniline
 Concen: 20.889 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

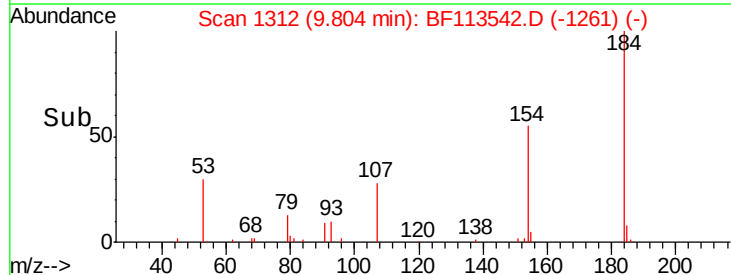
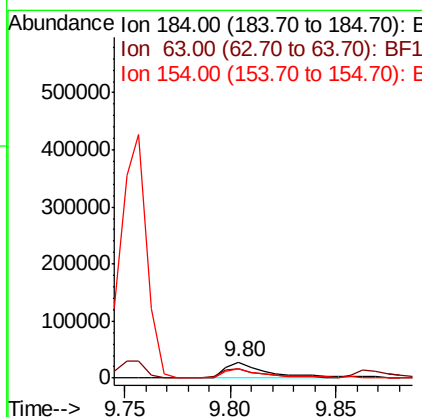
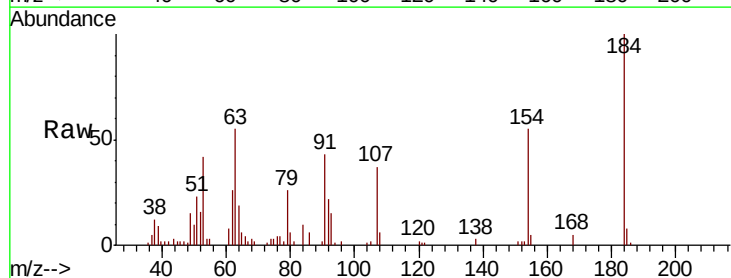
Instrument :
 BNA_F
 ClientSampleId :

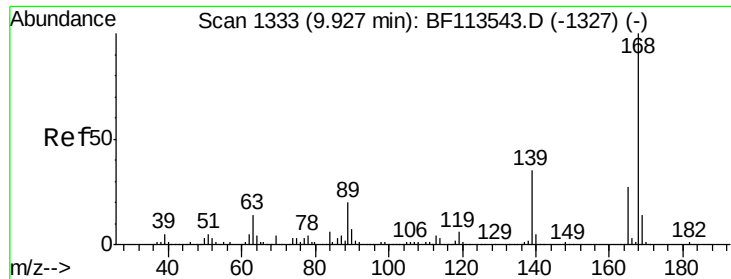
Tot Ion:138 Resp: 117494
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.6 11.4
 92 110.2 89.0 133.6



#54
 2,4-Dinitrophenol
 Concen: 15.453 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion:184 Resp: 38333
 Ion Ratio Lower Upper
 184 100
 63 55.5 46.4 69.6
 154 54.9 44.3 66.5

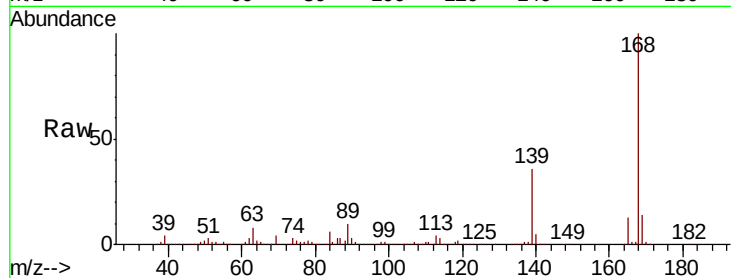




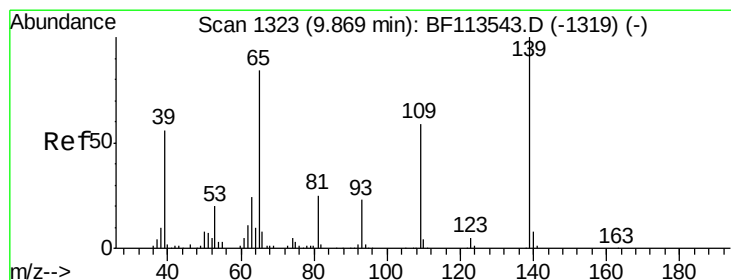
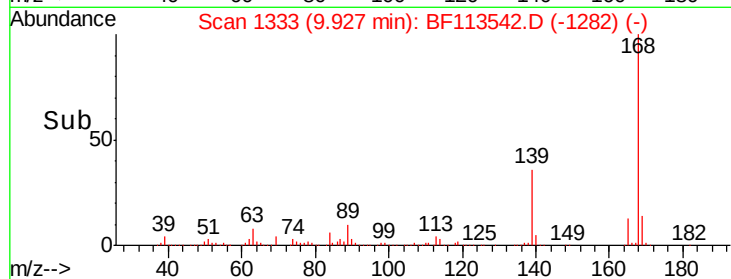
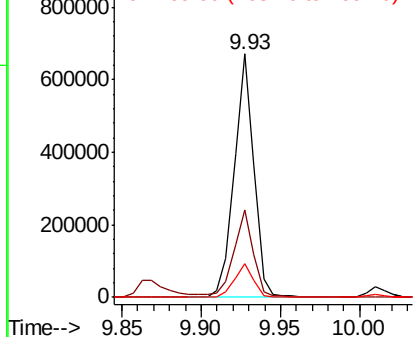
#55
Dibenzenofuran
Concen: 21.942 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 576208
Ion Ratio Lower Upper
168 100
139 35.7 29.3 43.9
169 13.7 11.1 16.7

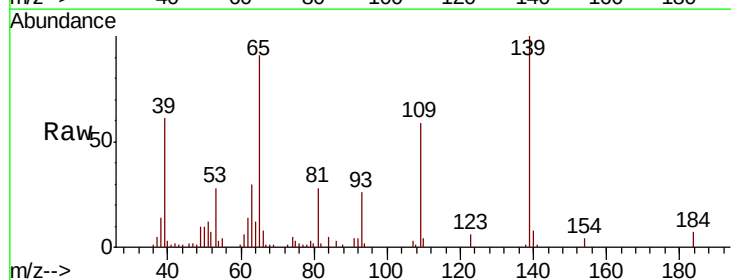


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

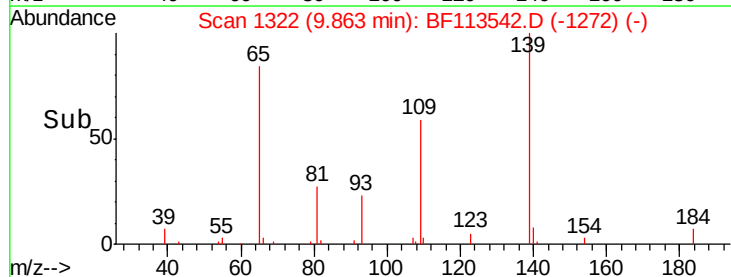
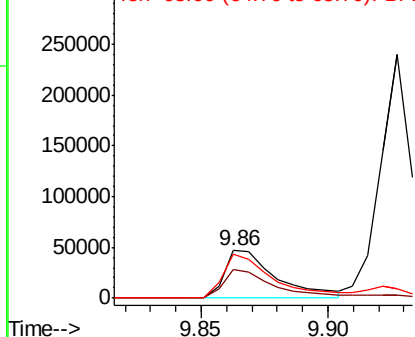


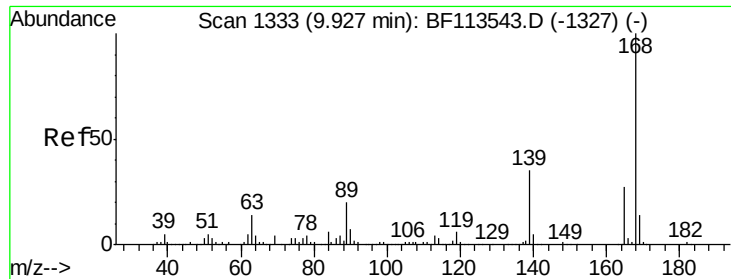
#56
4-Nitrophenol
Concen: 16.682 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:139 Resp: 66894
Ion Ratio Lower Upper
139 100
109 58.8 38.9 78.9
65 90.9 64.4 104.4



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





#57

2,4-Dinitrotoluene

Concen: 20.531 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 130225

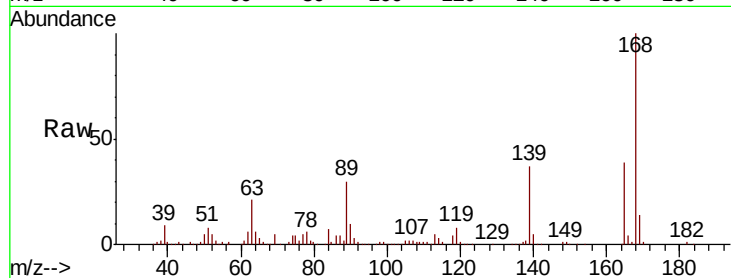
Ion Ratio Lower Upper

165 100

63 54.7 44.7 67.1

89 76.1 60.4 90.6

182 2.5 1.9 2.9

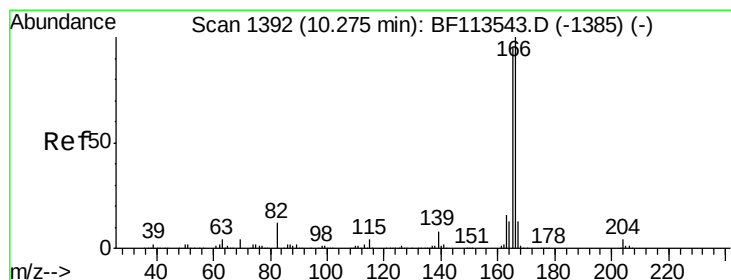
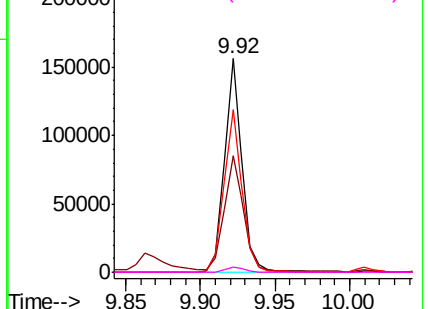
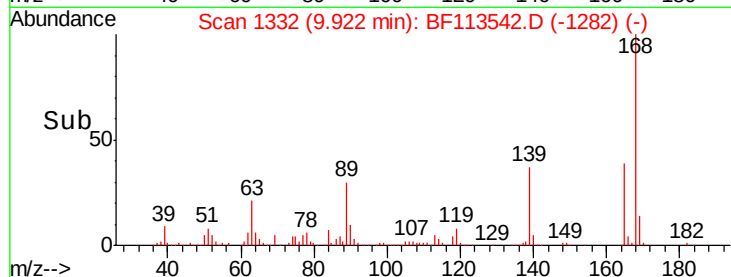


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 22.362 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

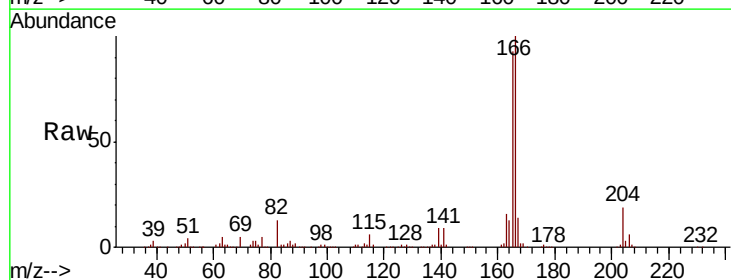
Tgt Ion:166 Resp: 456203

Ion Ratio Lower Upper

166 100

165 93.1 75.9 113.9

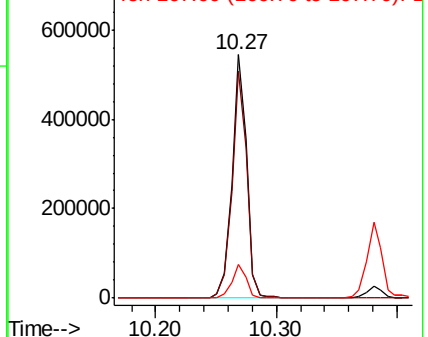
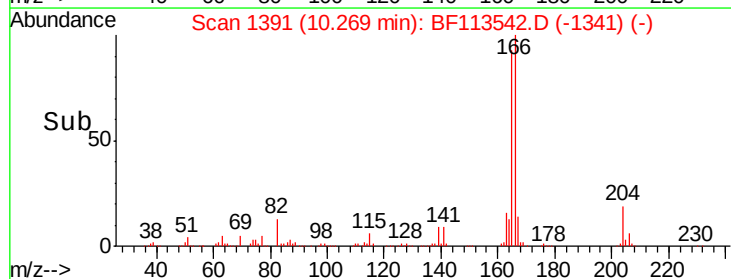
167 13.7 10.7 16.1

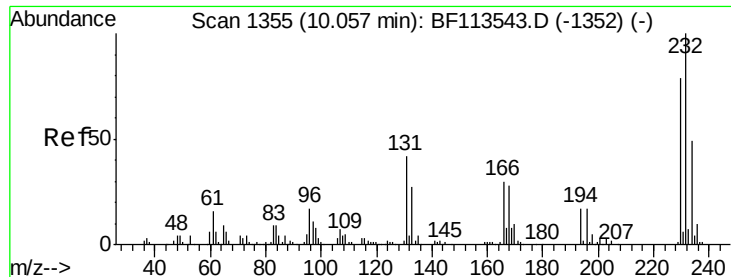


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

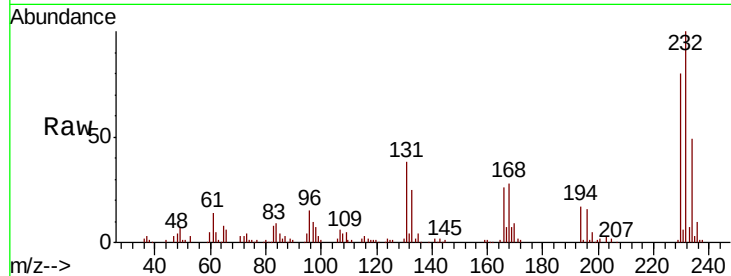




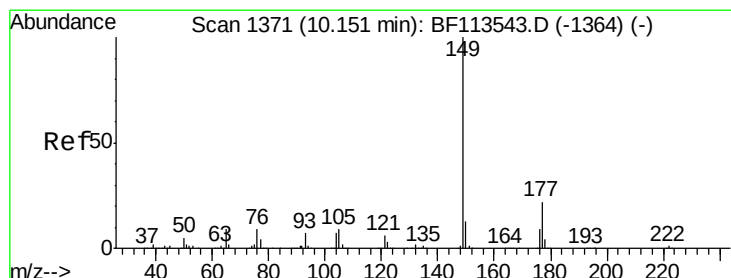
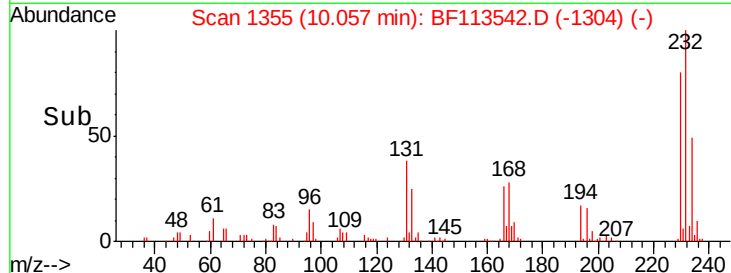
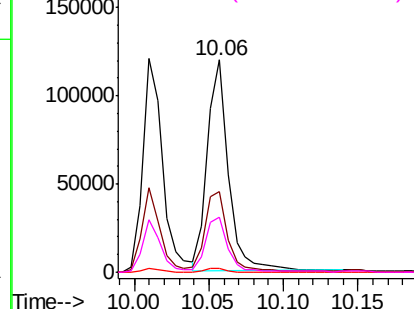
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.166 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	33.6	50.4
130	1.7	1.4	2.2
166	27.7	22.4	33.6

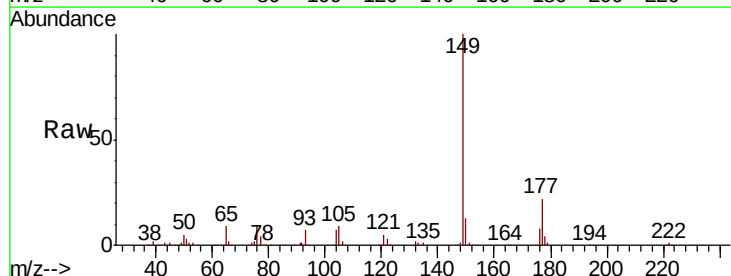


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

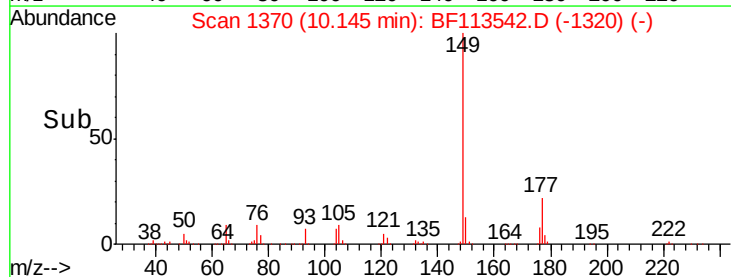
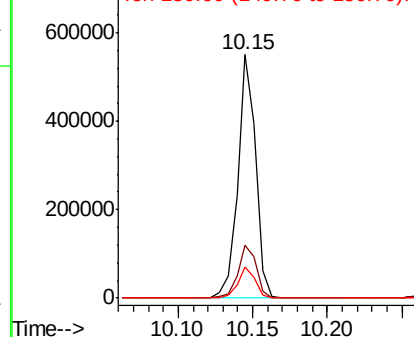


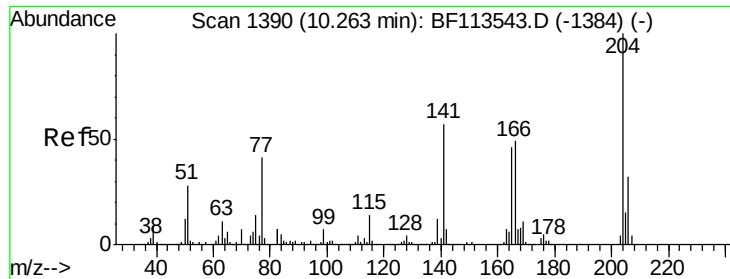
#60
 Diethylphthalate
 Concen: 21.406 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.5	26.3
150	12.6	10.1	15.1



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

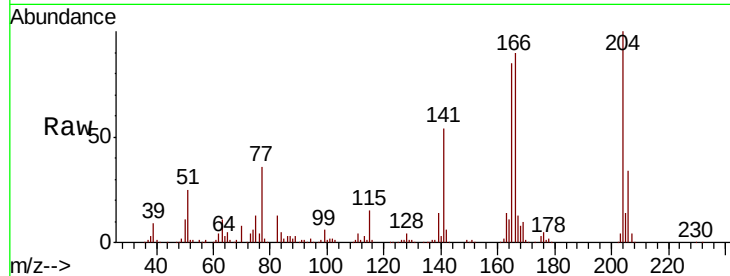




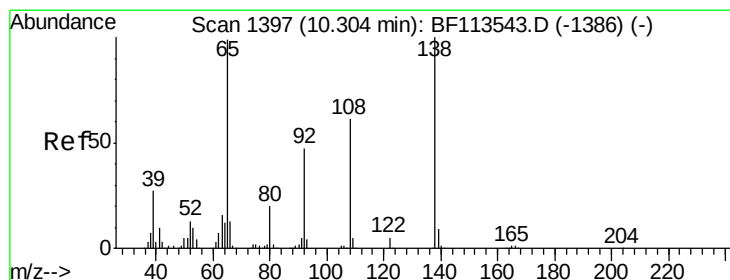
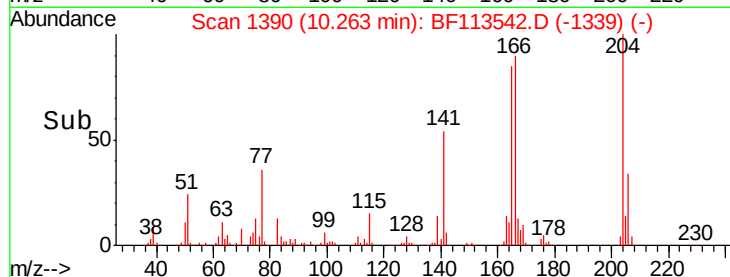
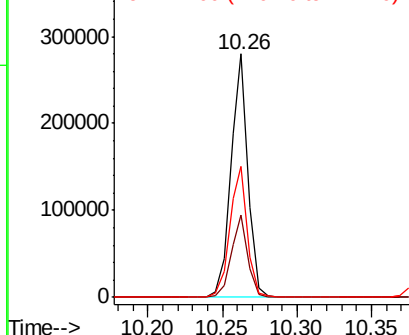
#61
4-Chlorophenyl-phenylether
Concen: 22.712 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	53.7	45.6	68.4

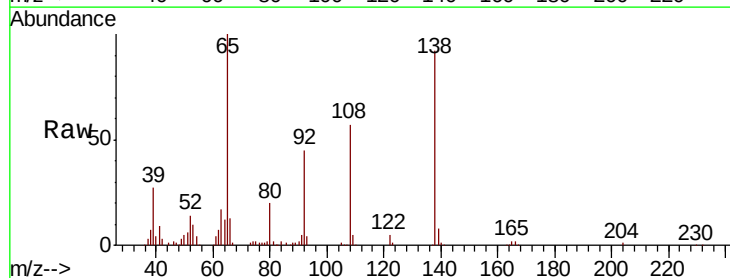


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

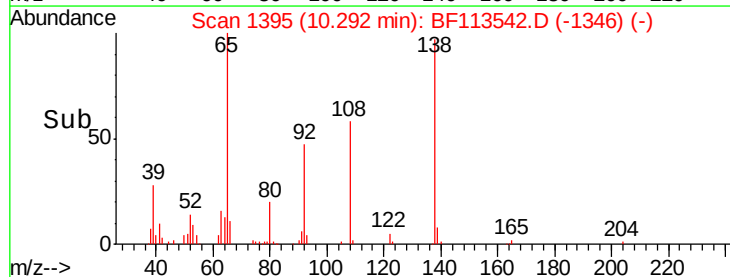
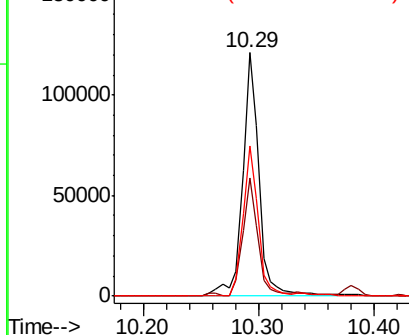


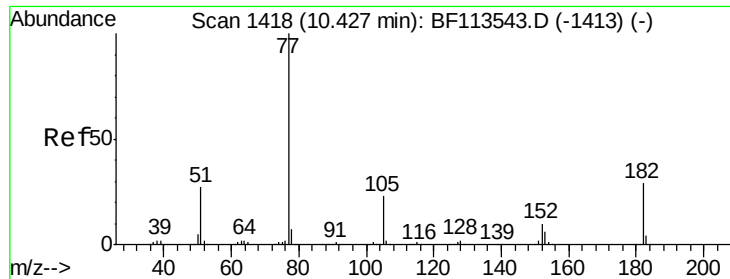
#62
4-Nitroaniline
Concen: 20.606 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	26.8	66.8
108	61.6	40.8	80.8



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: 21.428 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 437466

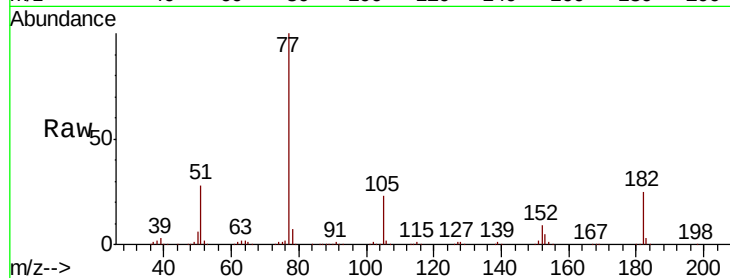
Ion Ratio Lower Upper

77 100

182 25.1 9.1 49.1

105 22.5 3.4 43.4

51 28.4 7.7 47.7

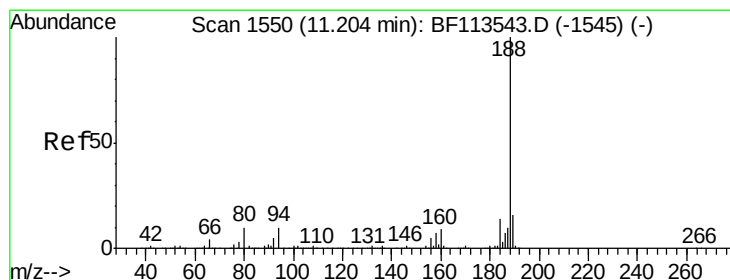
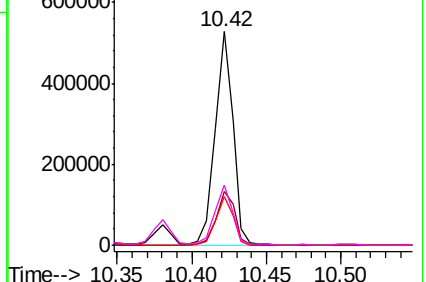
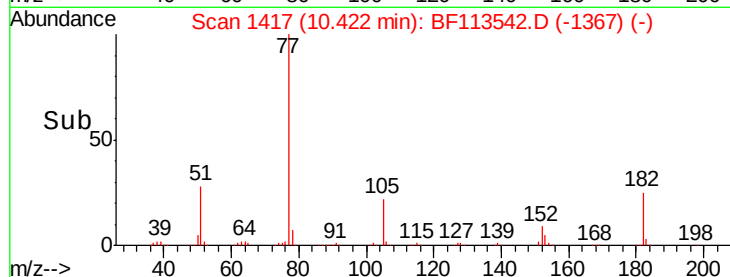


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

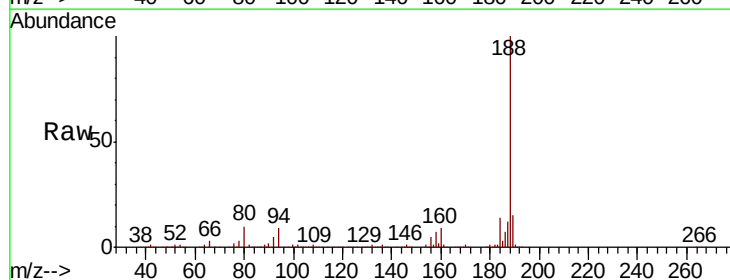
Tgt Ion: 188 Resp: 599155

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

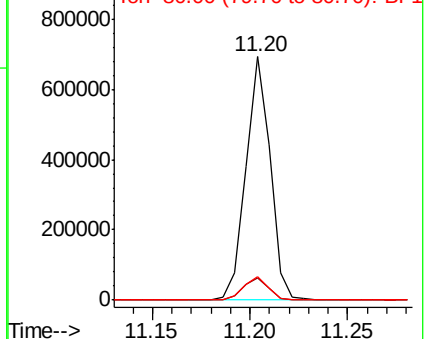
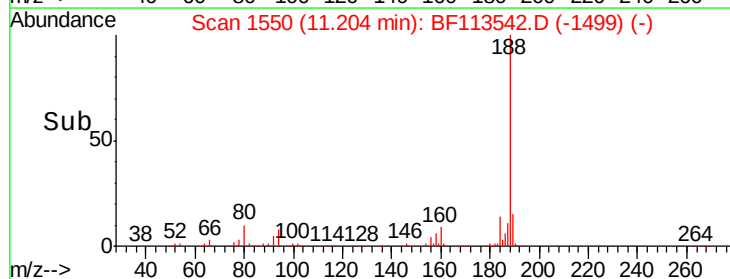
80 9.7 8.2 12.4

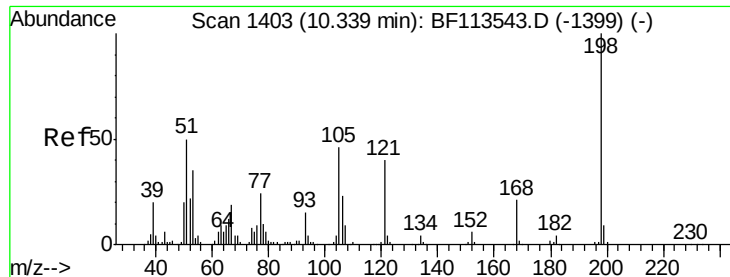


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

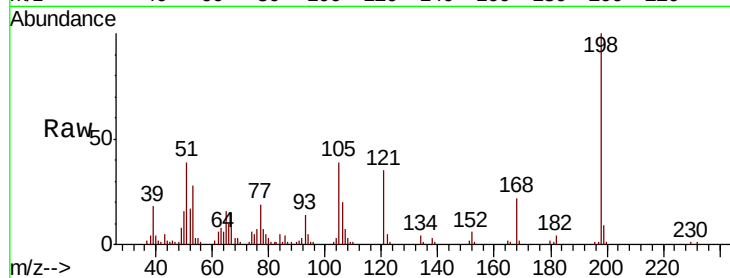




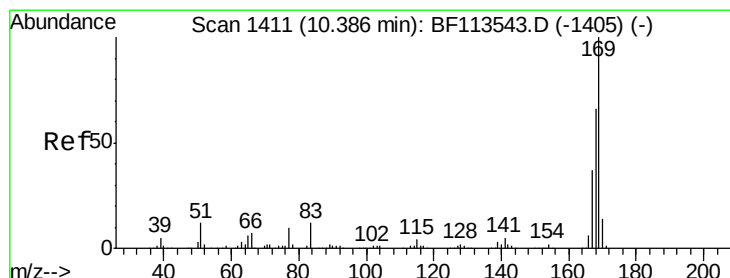
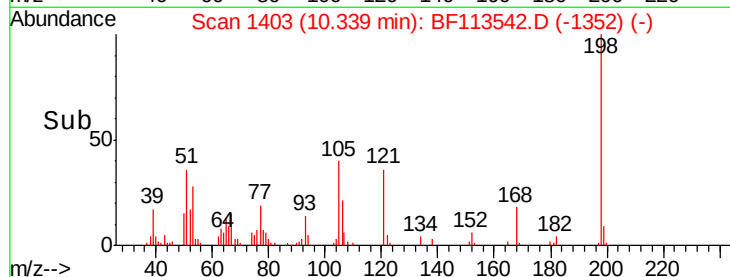
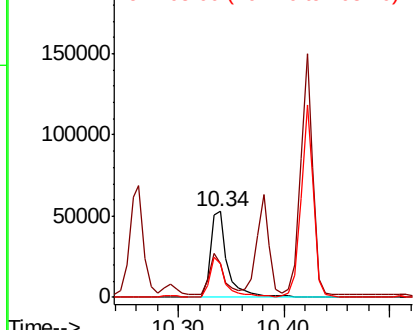
#65
 4,6-Dinitro-2-methylphenol
 Concen: 18.480 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 60570
 Ion Ratio Lower Upper
 198 100
 51 38.6 31.0 71.0
 105 39.3 26.1 66.1

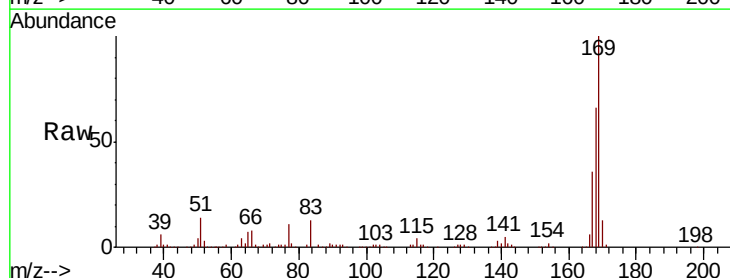


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

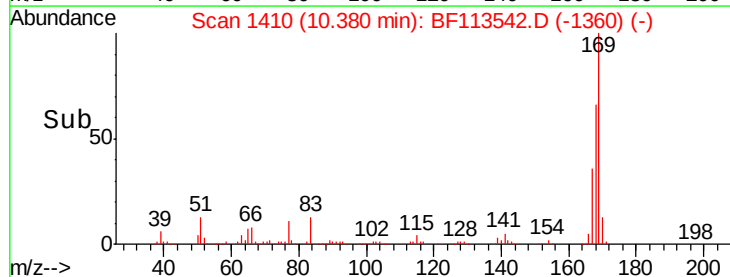
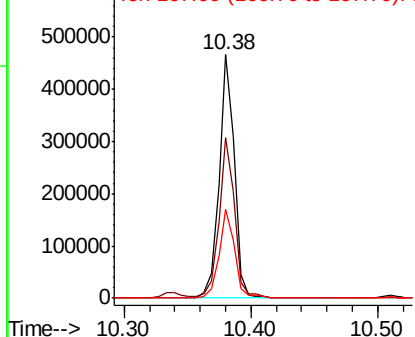


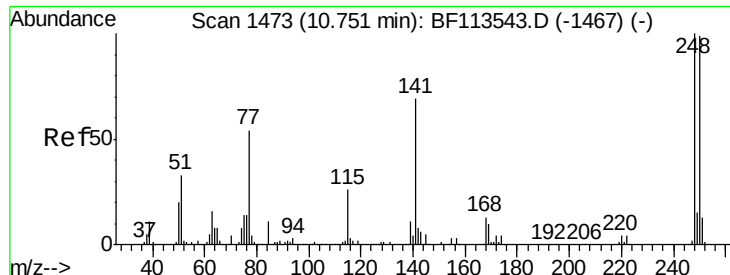
#66
 n-Nitrosodiphenylamine
 Concen: 21.464 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion:169 Resp: 394627
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.7 80.5
 167 36.4 29.6 44.4



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

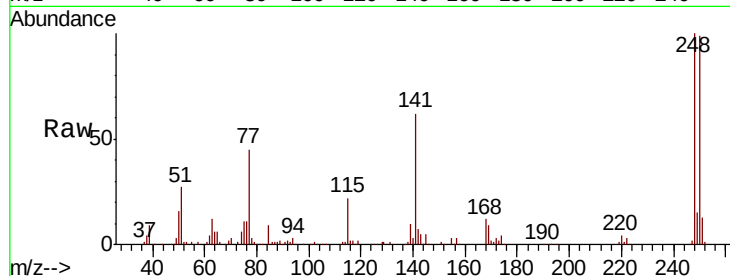




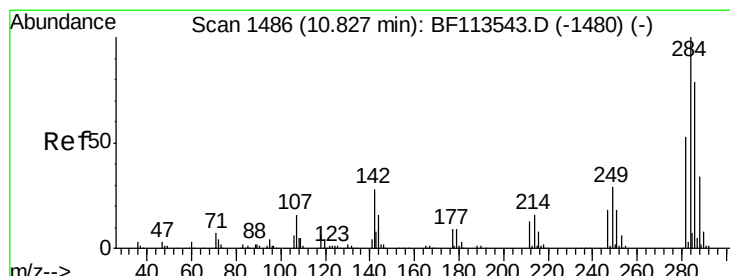
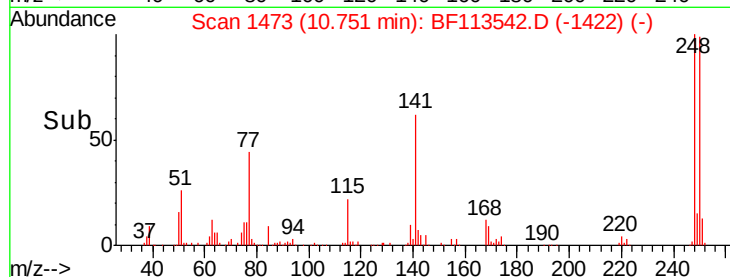
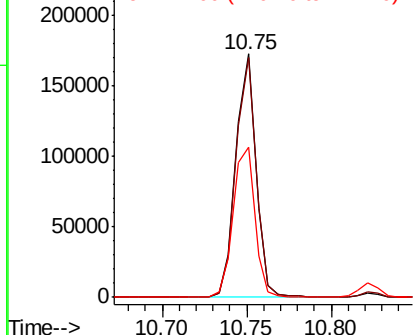
#67
 4-Bromophenyl-phenylether
 Concen: 22.085 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 144220
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.9 118.3
 141 61.7 55.0 82.4

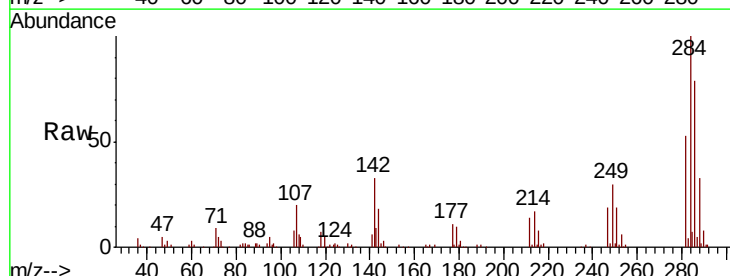


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

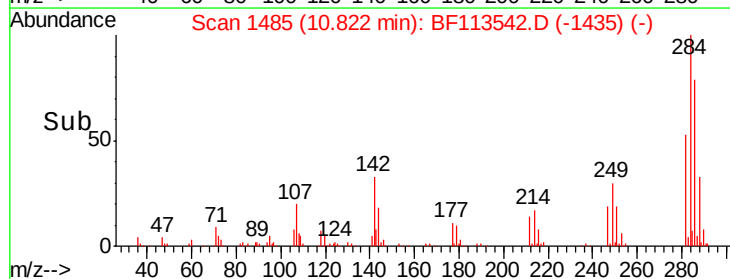
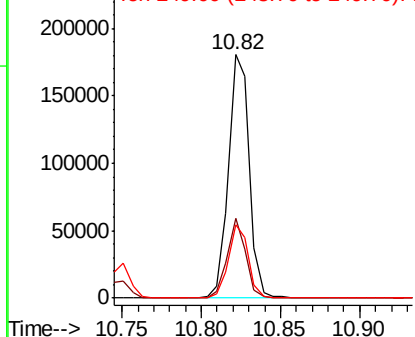


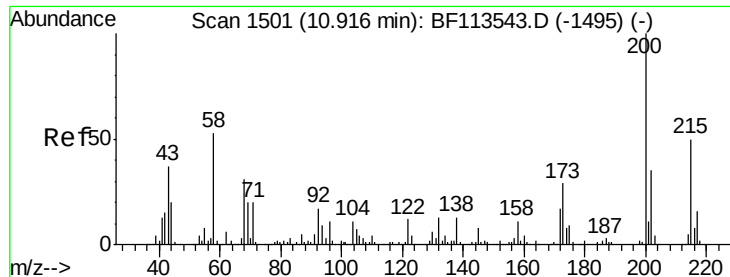
#68
 Hexachlorobenzene
 Concen: 21.650 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion:284 Resp: 164106
 Ion Ratio Lower Upper
 284 100
 142 32.9 22.5 33.7
 249 29.9 22.9 34.3



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

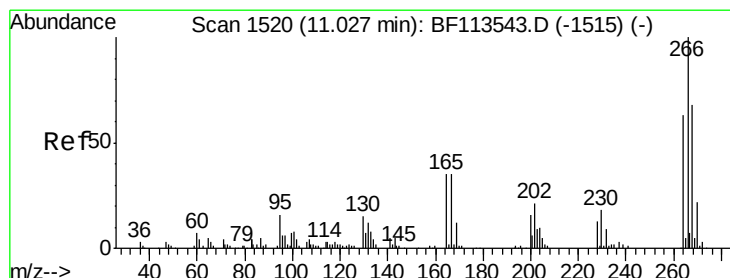
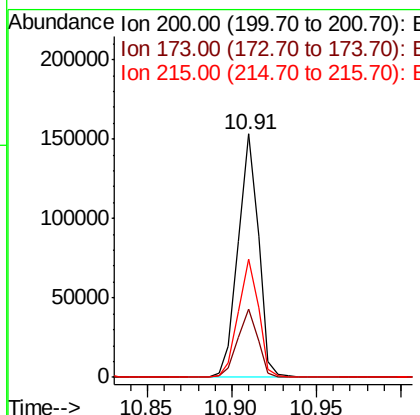
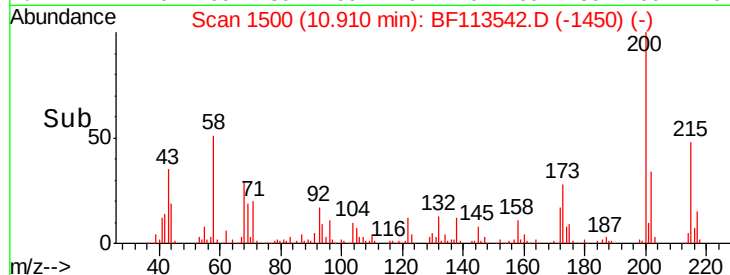
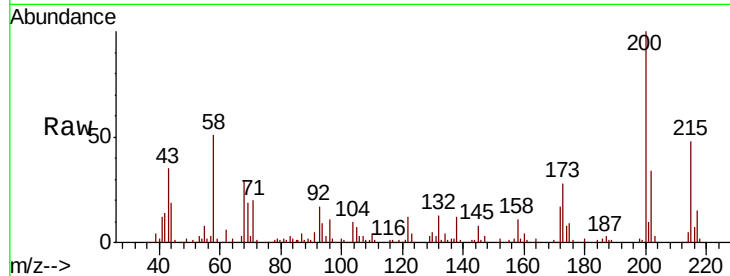




#69
 Atrazine
 Concen: 22.132 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

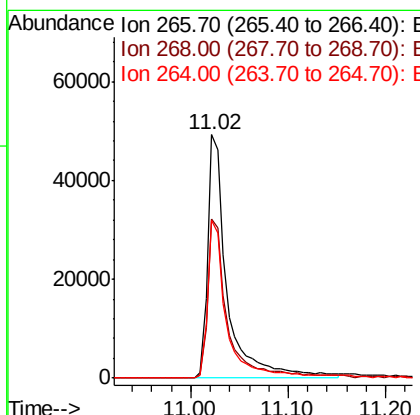
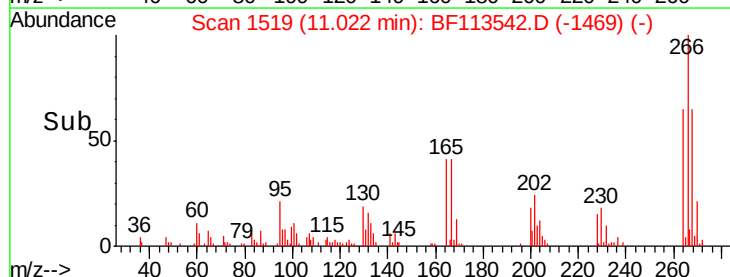
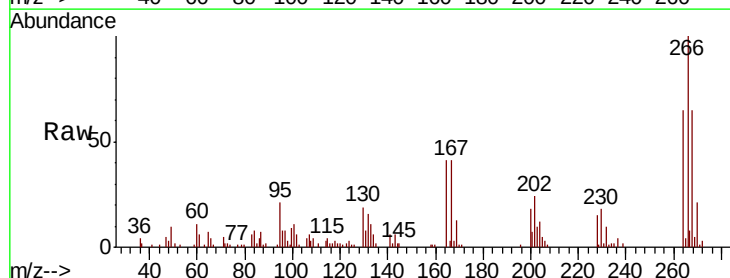
Instrument :
 BNA_F
 ClientSampleId :

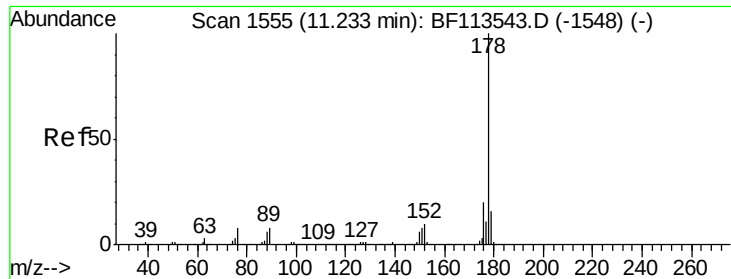
Tot Ion:200 Resp: 128433
 Ion Ratio Lower Upper
 200 100
 173 28.2 8.7 48.7
 215 48.3 29.6 69.6



#70
 Pentachlorophenol
 Concen: 17.542 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113542.D
 Acq: 3 Apr 2019 12:00

Tgt Ion:266 Resp: 69277
 Ion Ratio Lower Upper
 266 100
 268 65.4 54.7 82.1
 264 64.9 50.0 75.0





#71

Phenanthrene

Concen: 22.143 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampled :

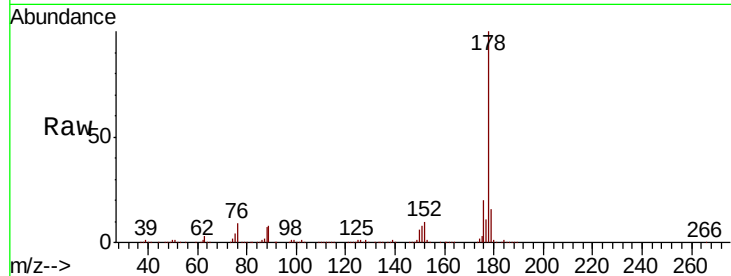
Tot Ion:178 Resp: 658831

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

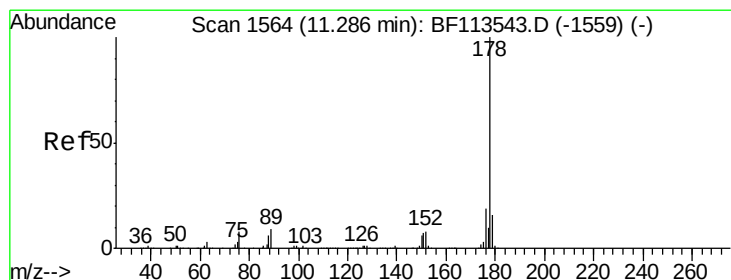
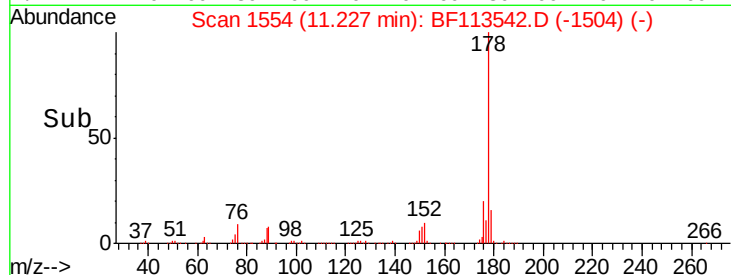
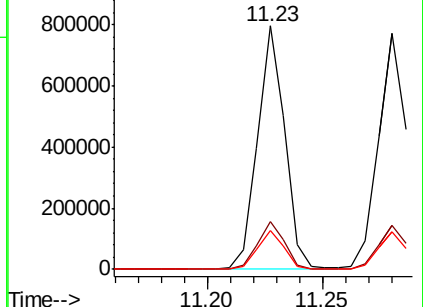
179 15.8 12.6 19.0



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: 22.391 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

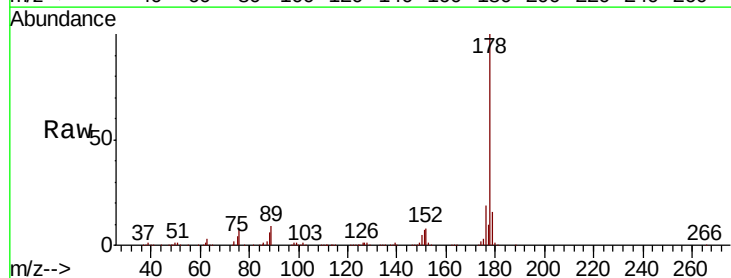
Tgt Ion:178 Resp: 676724

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

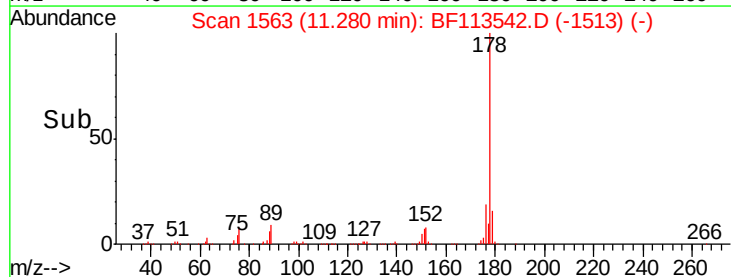
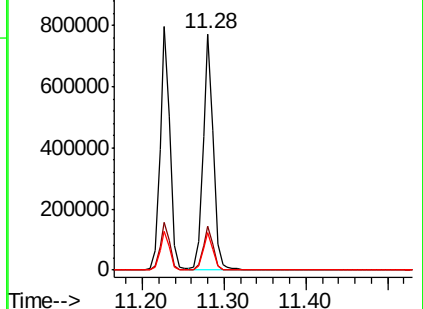
179 15.6 12.5 18.7

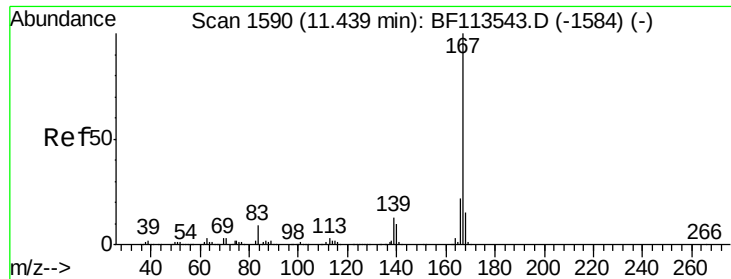


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 21.786 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

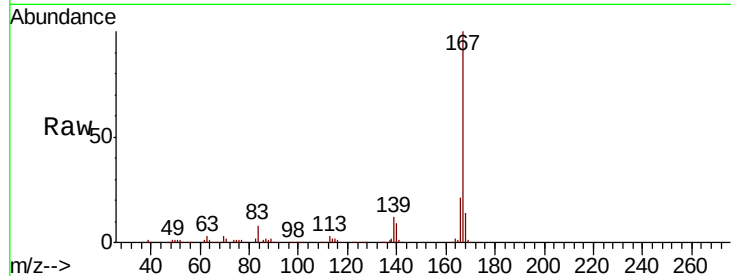
Tot Ion:167 Resp: 628275

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

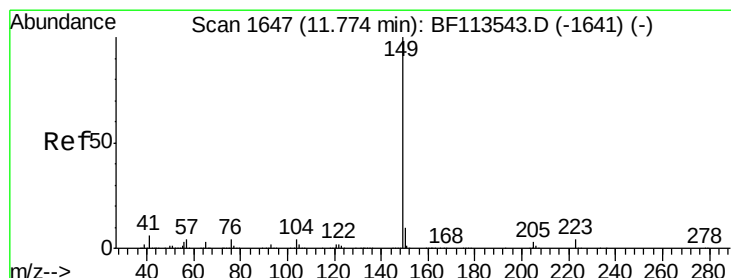
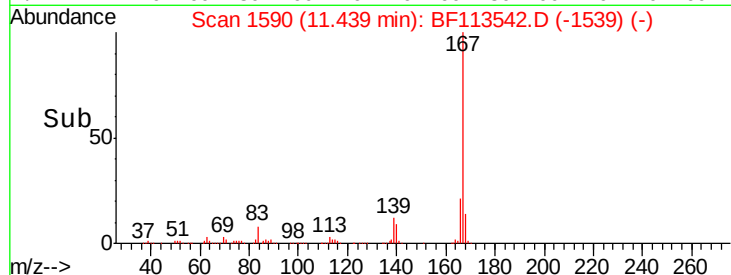
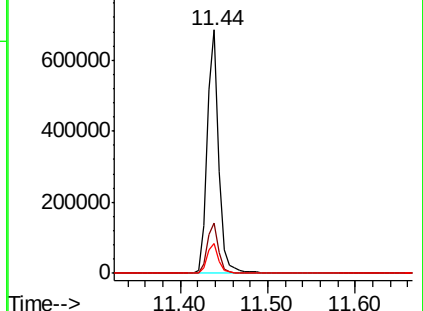
139 12.1 10.3 15.5



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: 22.778 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

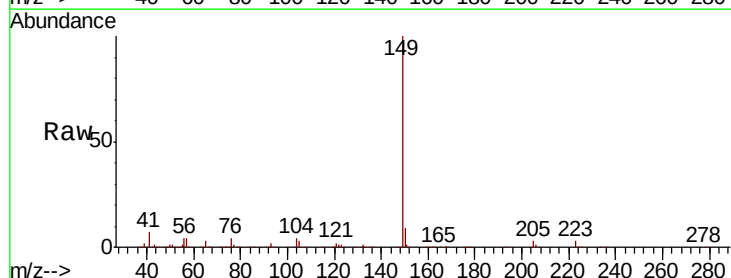
Tgt Ion:149 Resp: 761746

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

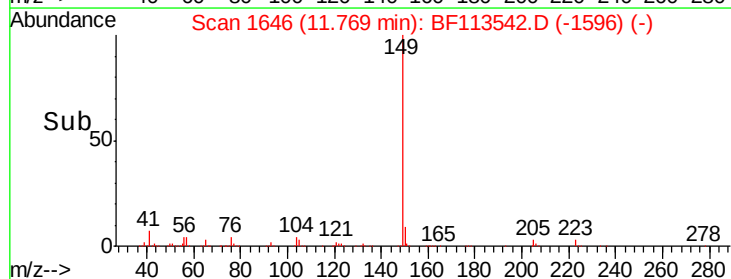
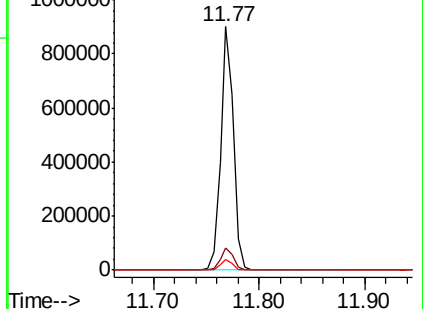
104 4.3 3.3 4.9

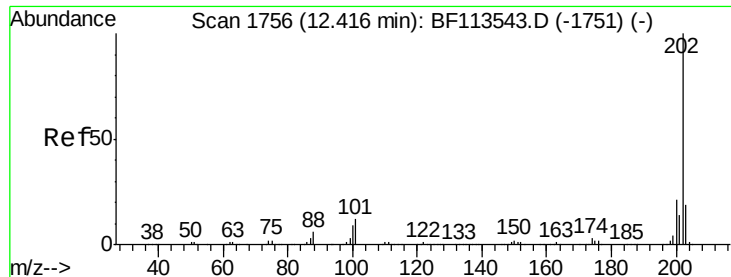


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

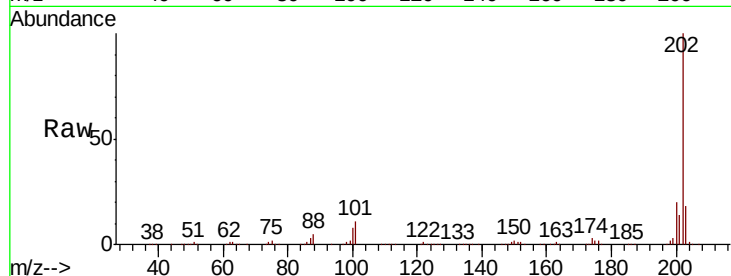




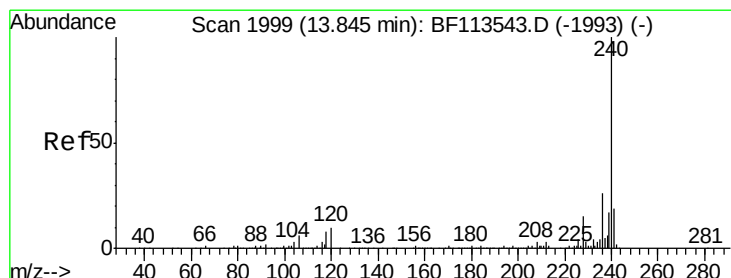
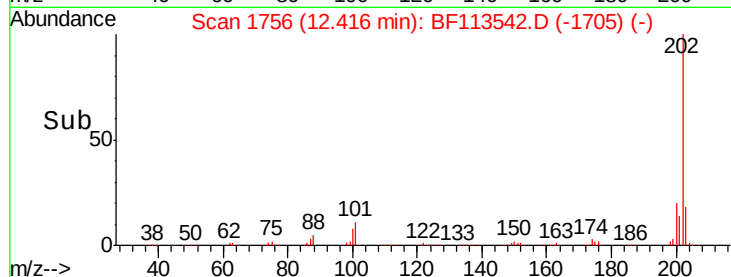
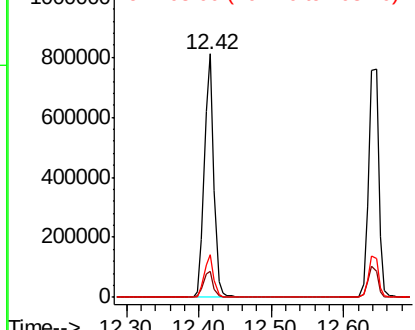
#75
Fluoranthene
Concen: 22.017 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.2
203	17.6	0.0	38.6

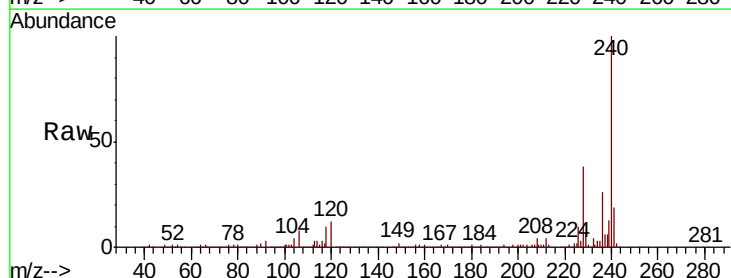


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

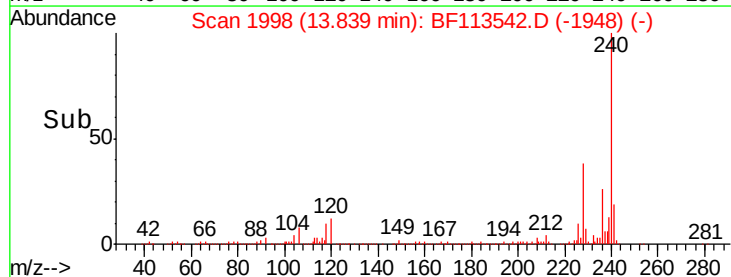
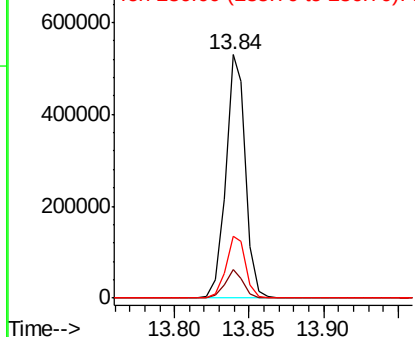


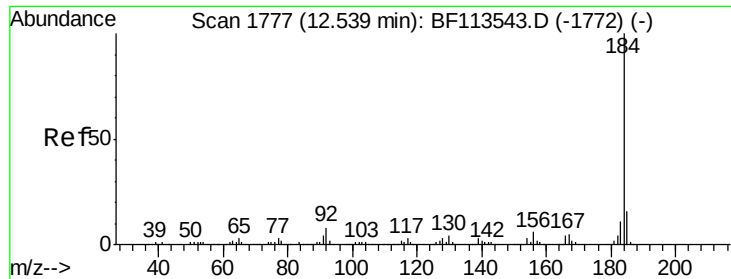
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.0	12.0
236	25.6	20.9	31.3



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: 20.778 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

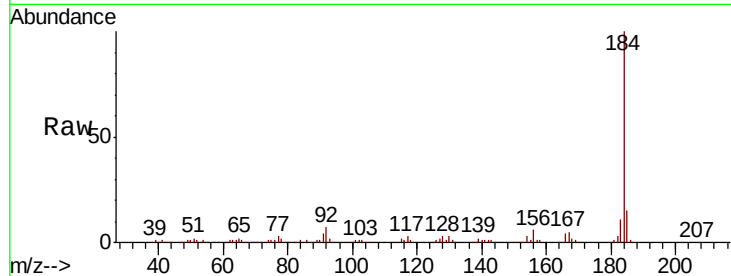
Tot Ion:184 Resp: 392836

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

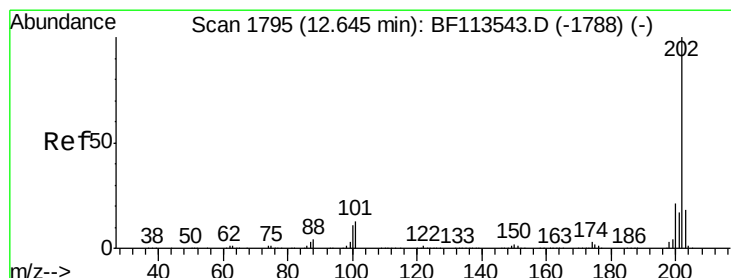
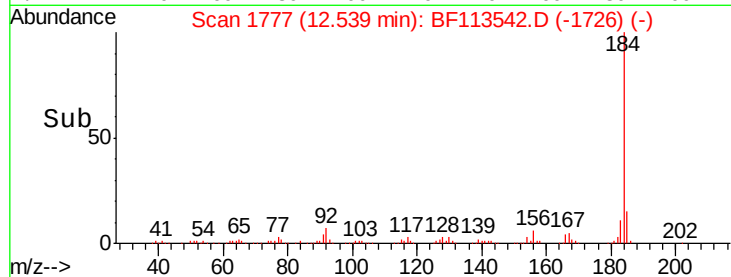
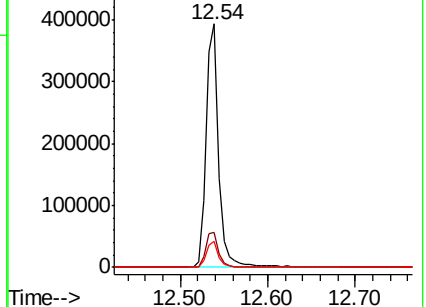
183 10.5 8.7 13.1



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: 21.860 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

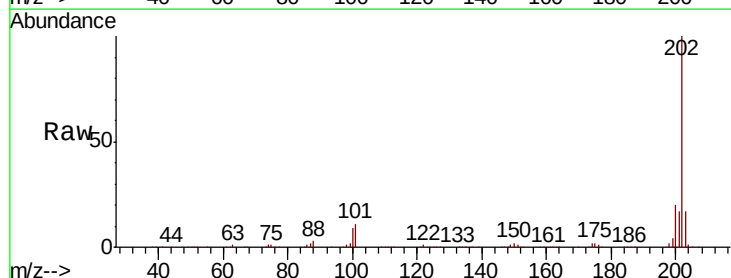
Tgt Ion:202 Resp: 747882

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

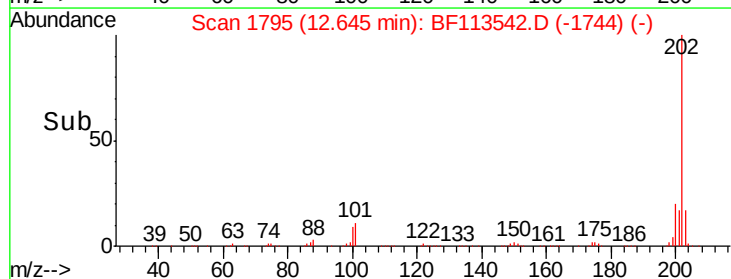
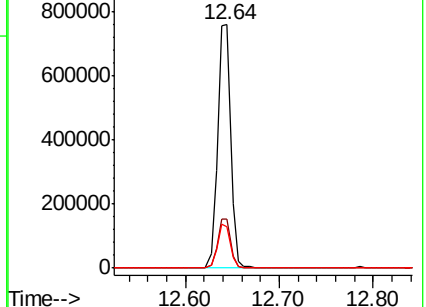
203 17.1 14.6 21.8

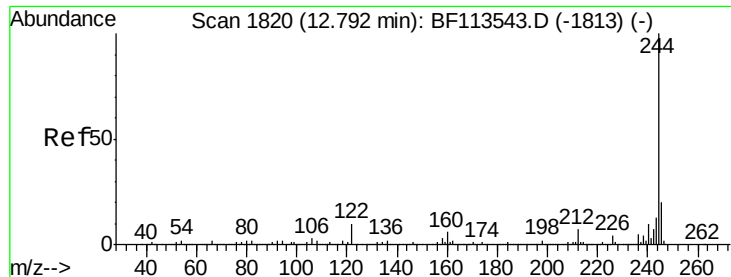


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.672 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampled :

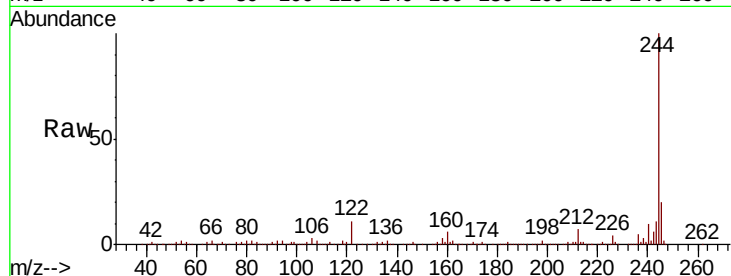
Tot Ion:244 Resp: 1023003

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

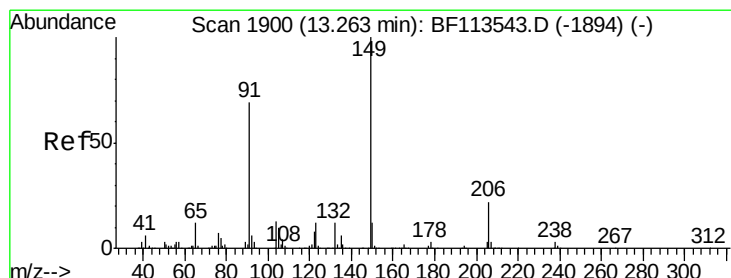
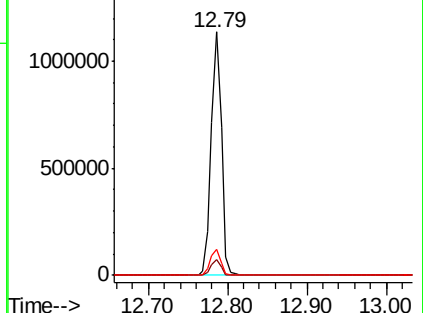
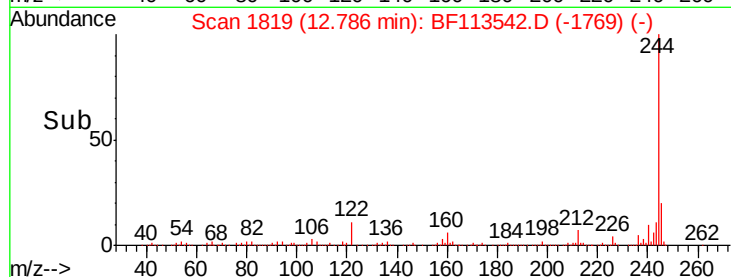
122 10.6 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 20.626 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

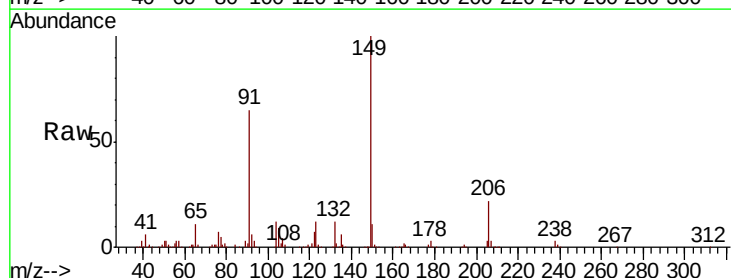
Tgt Ion:149 Resp: 310989

Ion Ratio Lower Upper

149 100

91 64.5 54.9 82.3

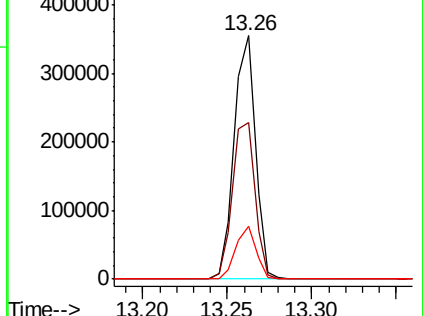
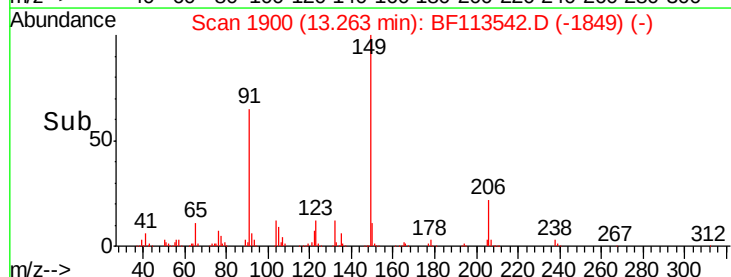
206 22.0 17.5 26.3

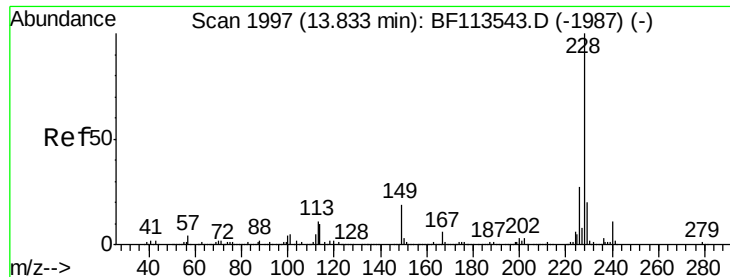


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.485 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

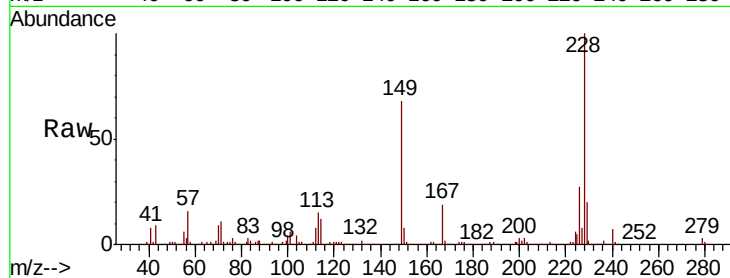
Tot Ion:228 Resp: 607179

Ion Ratio Lower Upper

228 100

226 27.0 21.2 31.8

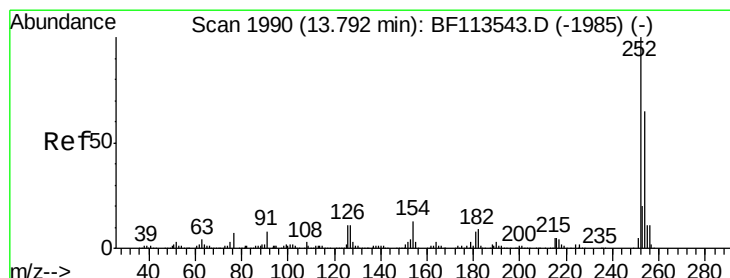
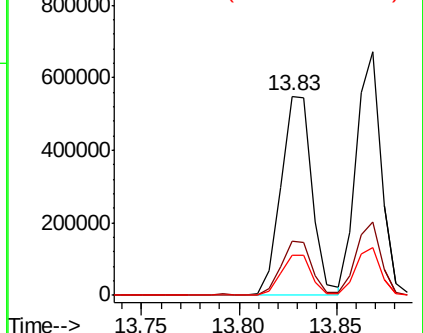
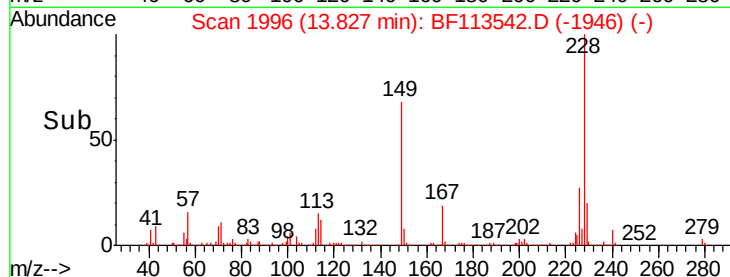
229 20.3 15.8 23.8



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: 21.937 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

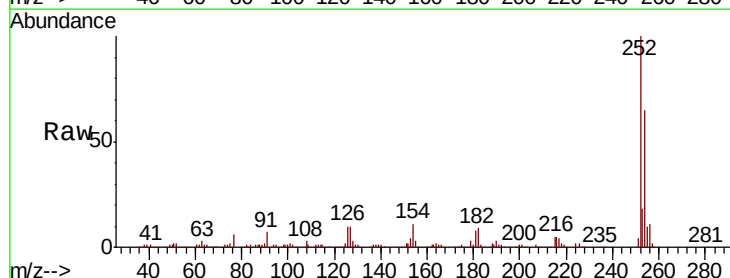
Tgt Ion:252 Resp: 248714

Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

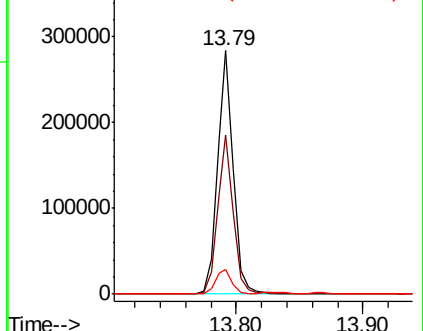
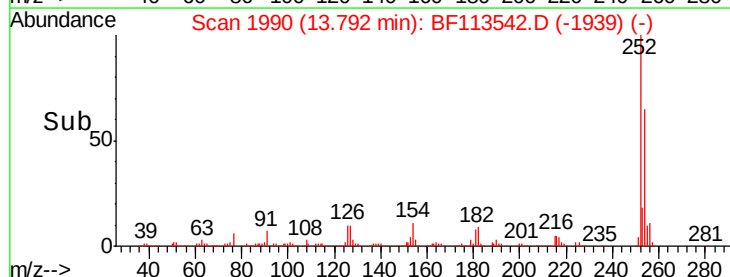
126 10.2 8.8 13.2

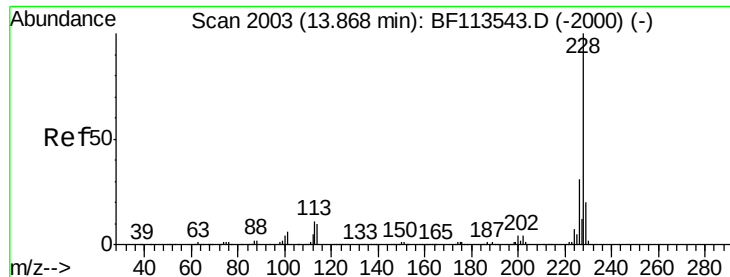


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 20.964 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

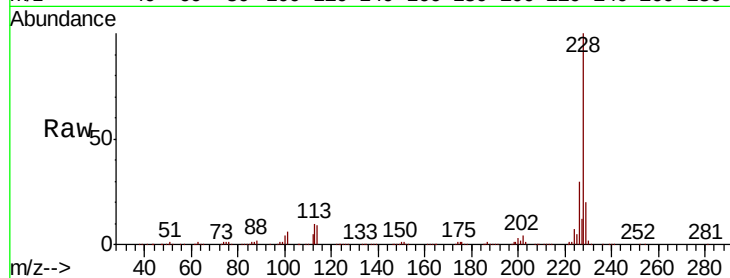
Tot Ion:228 Resp: 601775

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

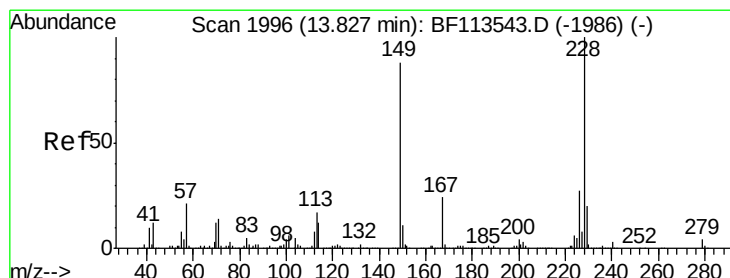
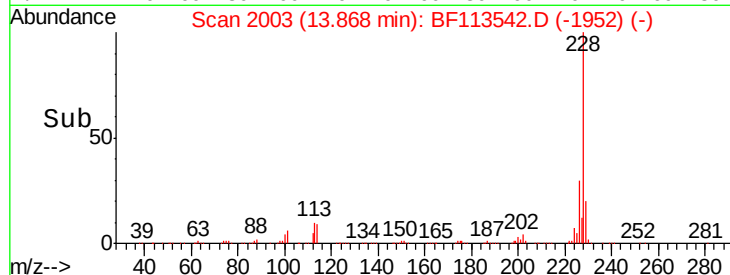
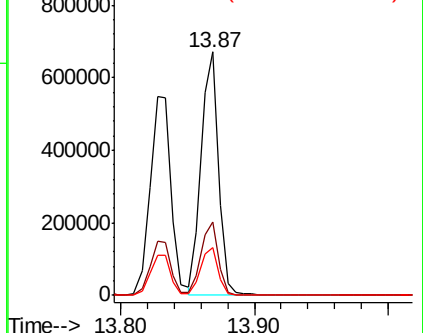
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.658 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

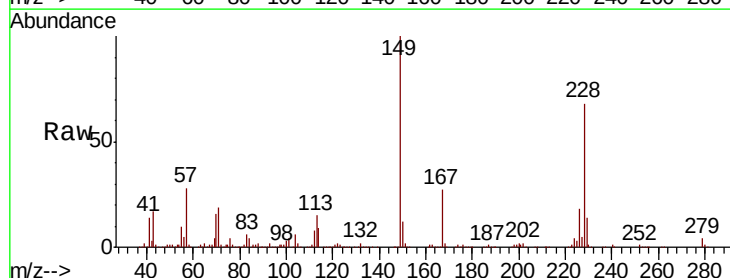
Tgt Ion:149 Resp: 400317

Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

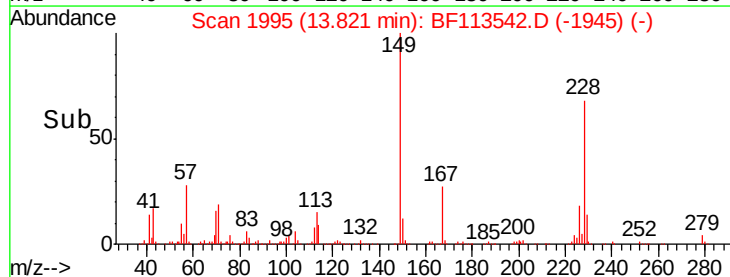
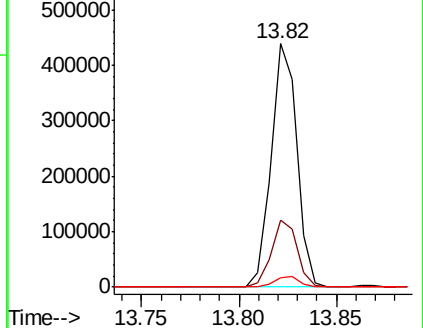
279 3.8 3.6 5.4

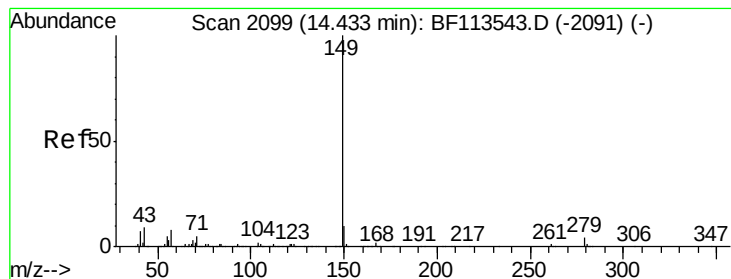


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 20.915 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

Instrument :

BNA_F

ClientSampleId :

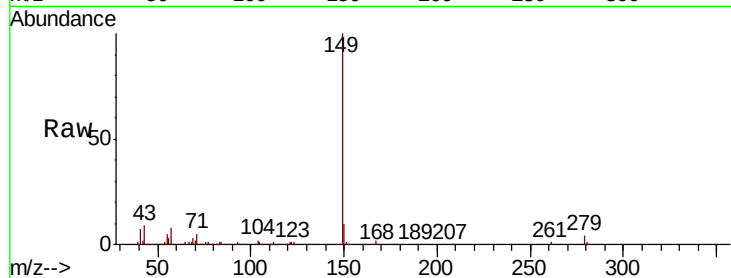
Tot Ion:149 Resp: 656217

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

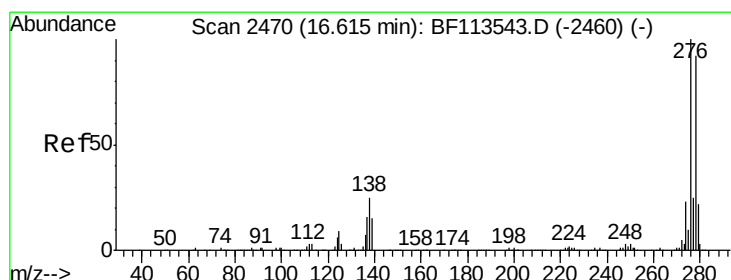
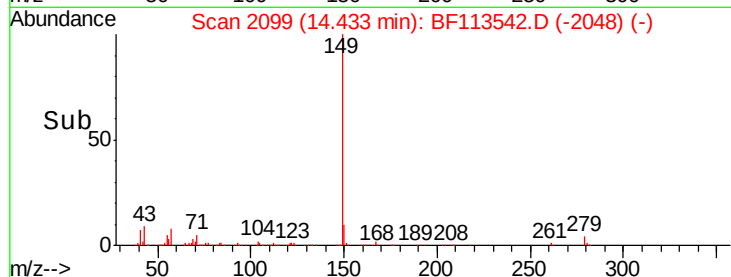
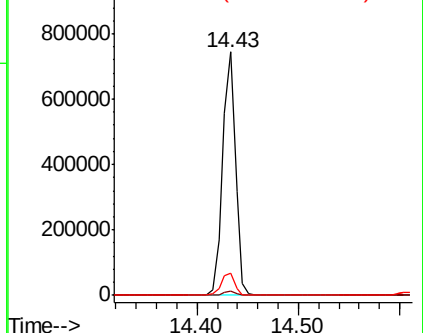
43 9.5 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.952 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF113542.D

Acq: 3 Apr 2019 12:00

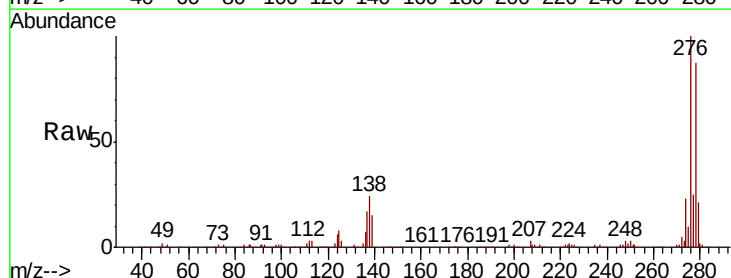
Tgt Ion:276 Resp: 466897

Ion Ratio Lower Upper

276 100

138 24.1 19.2 28.8

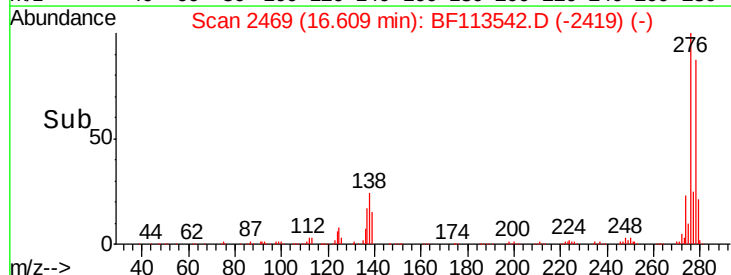
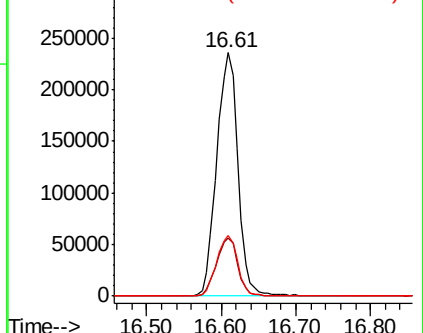
277 24.8 20.0 30.0

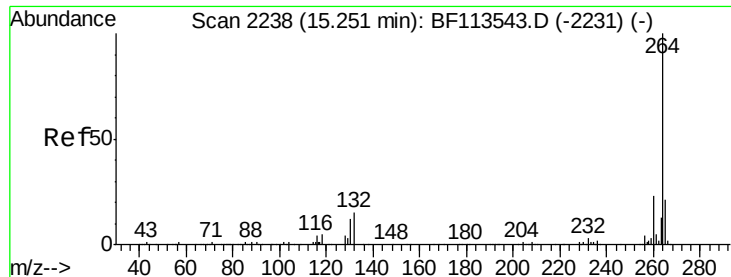


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



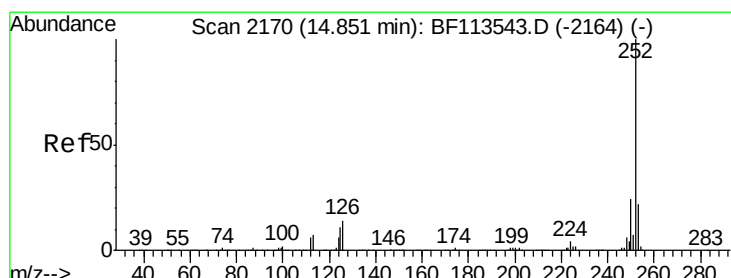
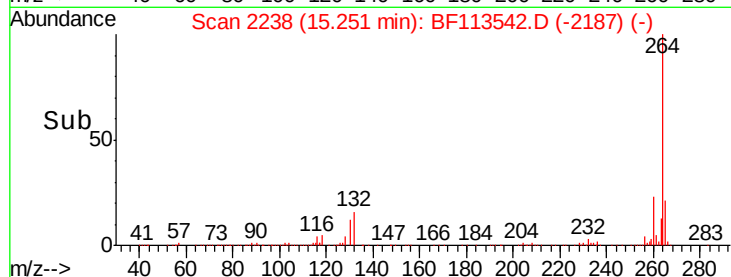
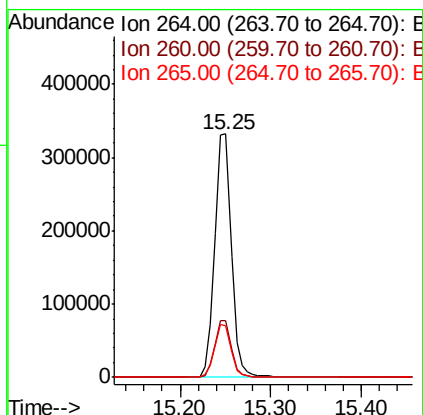
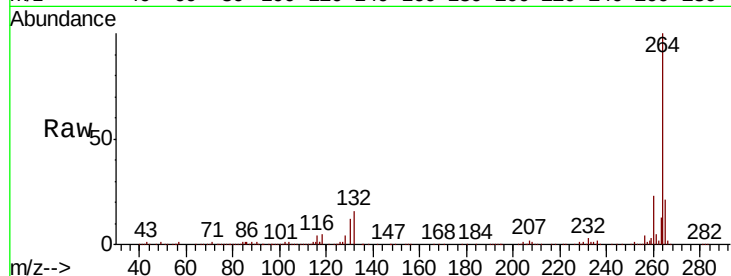


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 423465

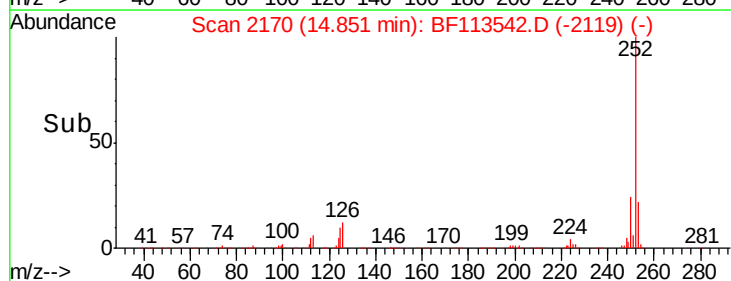
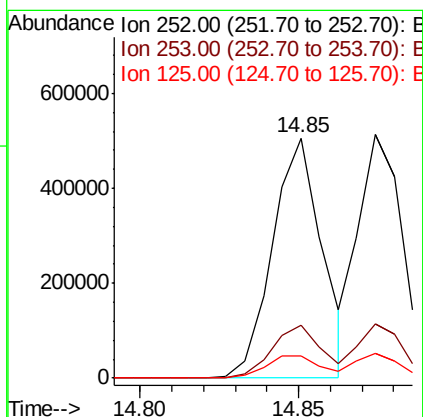
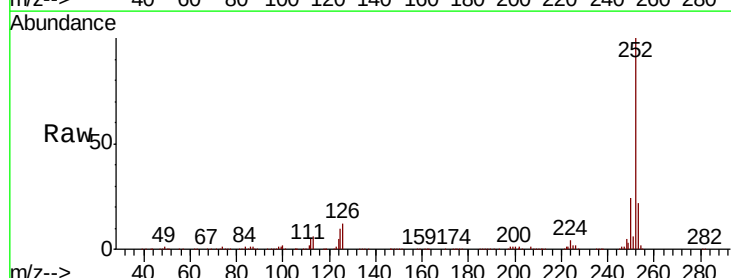
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.1	16.6	24.8

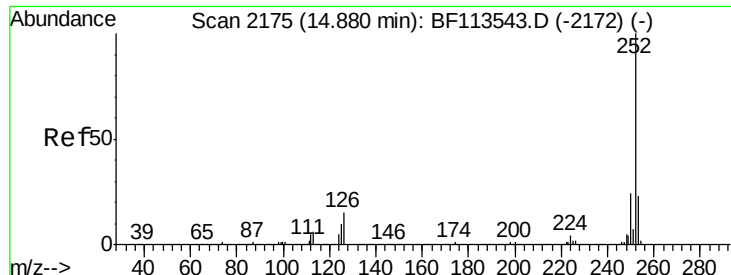


#88
Benzo(b)fluoranthene
Concen: 20.988 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:252 Resp: 552100

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.5	8.4	12.6

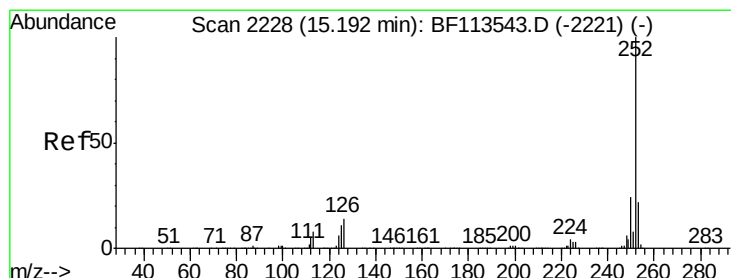
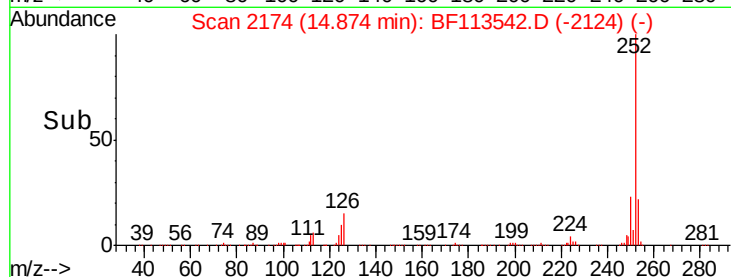
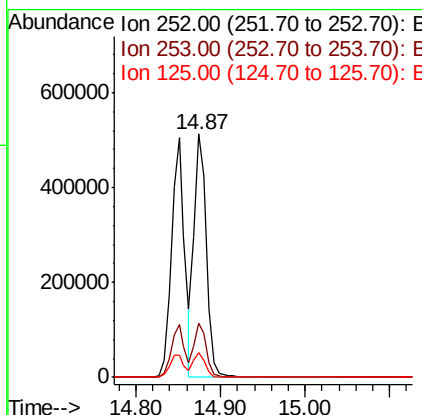
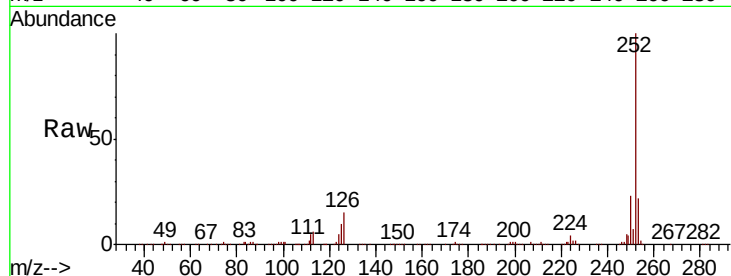




#89
Benzo(k)fluoranthene
Concen: 22.013 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

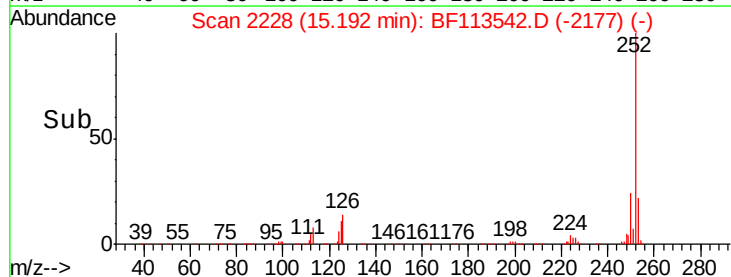
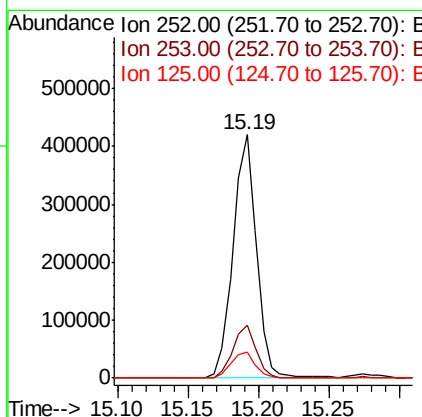
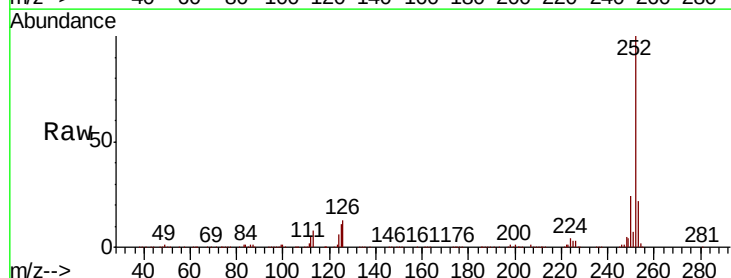
Instrument :
BNA_F
ClientSampleId :

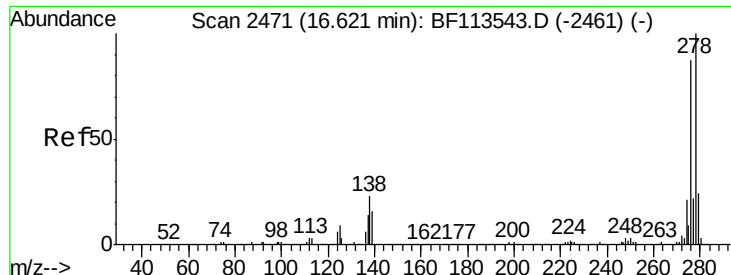
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.1	7.7	11.5



#90
Benzo(a)pyrene
Concen: 20.819 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.6	9.0	13.6



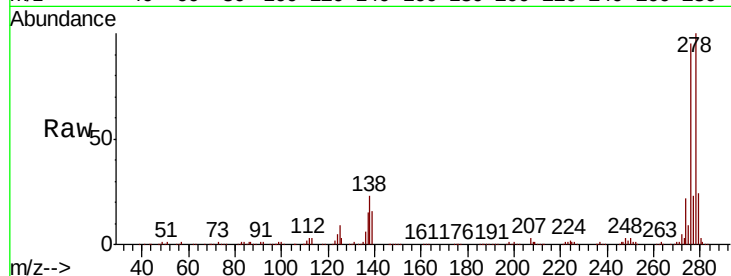


#91
Dibenzo(a,h)anthracene
Concen: 19.419 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

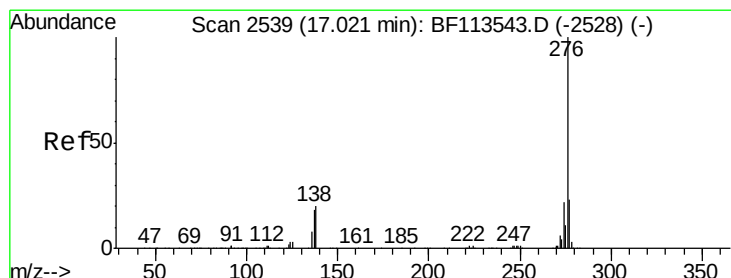
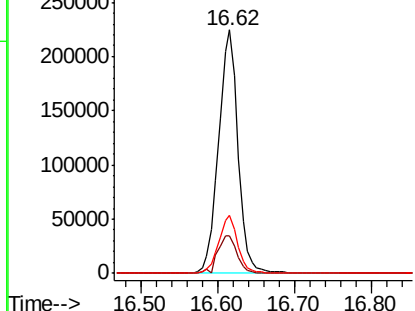
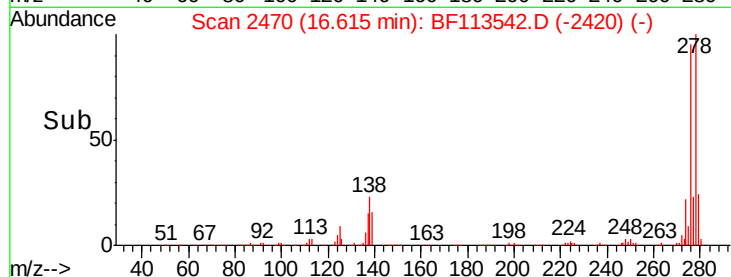
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 391577

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	18.8
279	23.9	18.9	28.3



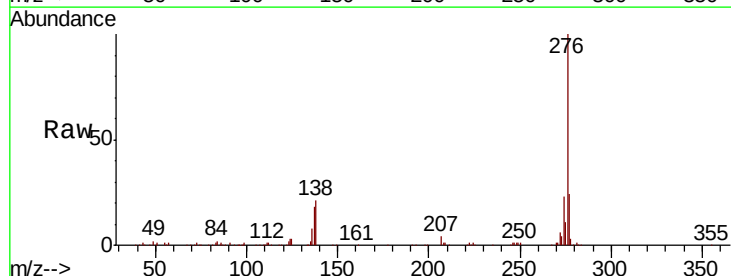
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 18.103 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF113542.D
Acq: 3 Apr 2019 12:00

Tgt Ion:276 Resp: 368068

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.6	16.2	24.4



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

