

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113754.D
 Acq On : 12 Apr 2019 22:52
 Operator : JU/SJ
 Sample : K2374-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 01:19:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	115913	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	427874	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	204822	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	400376	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	288876	20.00	ng	-0.02
87) Perylene-d12	15.23	264	331809	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	633168	93.15	ng	0.00
7) Phenol-d6	6.33	99	787501	94.00	ng	-0.01
23) Nitrobenzene-d5	7.24	82	438324	60.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	216388	87.95	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	852347	66.99	ng	-0.02
79) Terphenyl-d14	12.76	244	875976	61.74	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	85605	26.590	ng	94
3) Pyridine	3.06	79	195333	23.184	ng	100
4) n-Nitrosodimethylamine	2.98	42	92817	25.928	ng	95
6) Aniline	6.34	93	208890	20.570	ng	# 78
8) 2-Chlorophenol	6.46	128	227472	28.923	ng	99
9) Benzaldehyde	6.23	77	85342	17.132	ng	99
10) Phenol	6.34	94	284682	29.752	ng	94
11) bis(2-Chloroethyl)ether	6.41	93	209824	28.190	ng	99
12) 1,3-Dichlorobenzene	6.61	146	243811	28.787	ng	98
13) 1,4-Dichlorobenzene	6.69	146	248182	28.997	ng	99
14) 1,2-Dichlorobenzene	6.85	146	231555	29.973	ng	97
15) Benzyl Alcohol	6.83	79	151440	26.734	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	325562	28.101	ng	60
17) 2-Methylphenol	6.95	107	177375	29.103	ng	# 92
18) Hexachloroethane	7.18	117	86683	27.825	ng	91
19) n-Nitroso-di-n-propylamine	7.09	70	151737	29.371	ng	99
20) 3+4-Methylphenols	7.12	107	230747	31.246	ng	91
22) Acetophenone	7.09	105	324207	34.499	ng	# 97
24) Nitrobenzene	7.26	77	221299	29.418	ng	100
25) Isophorone	7.50	82	409009	29.066	ng	97
26) 2-Nitrophenol	7.58	139	117828	29.103	ng	97
27) 2,4-Dimethylphenol	7.63	122	197127	34.057	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	259952	29.220	ng	98
29) 2,4-Dichlorophenol	7.85	162	193966	31.321	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	202312	30.083	ng	99
31) Naphthalene	7.97	128	647962	31.255	ng	99
32) Benzoic acid	7.76	122	19990	4.460	ng	90
33) 4-Chloroaniline	8.05	127	76288	9.280	ng	98
34) Hexachlorobutadiene	8.09	225	119335	29.105	ng	98
35) Caprolactam	8.40	113	69318	35.261	ng	90
36) 4-Chloro-3-methylphenol	8.54	107	186994	30.079	ng	97
37) 2-Methylnaphthalene	8.67	142	439786	32.254	ng	98
38) 1-Methylnaphthalene	8.76	142	411495	31.298	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	202559	30.579	ng	99

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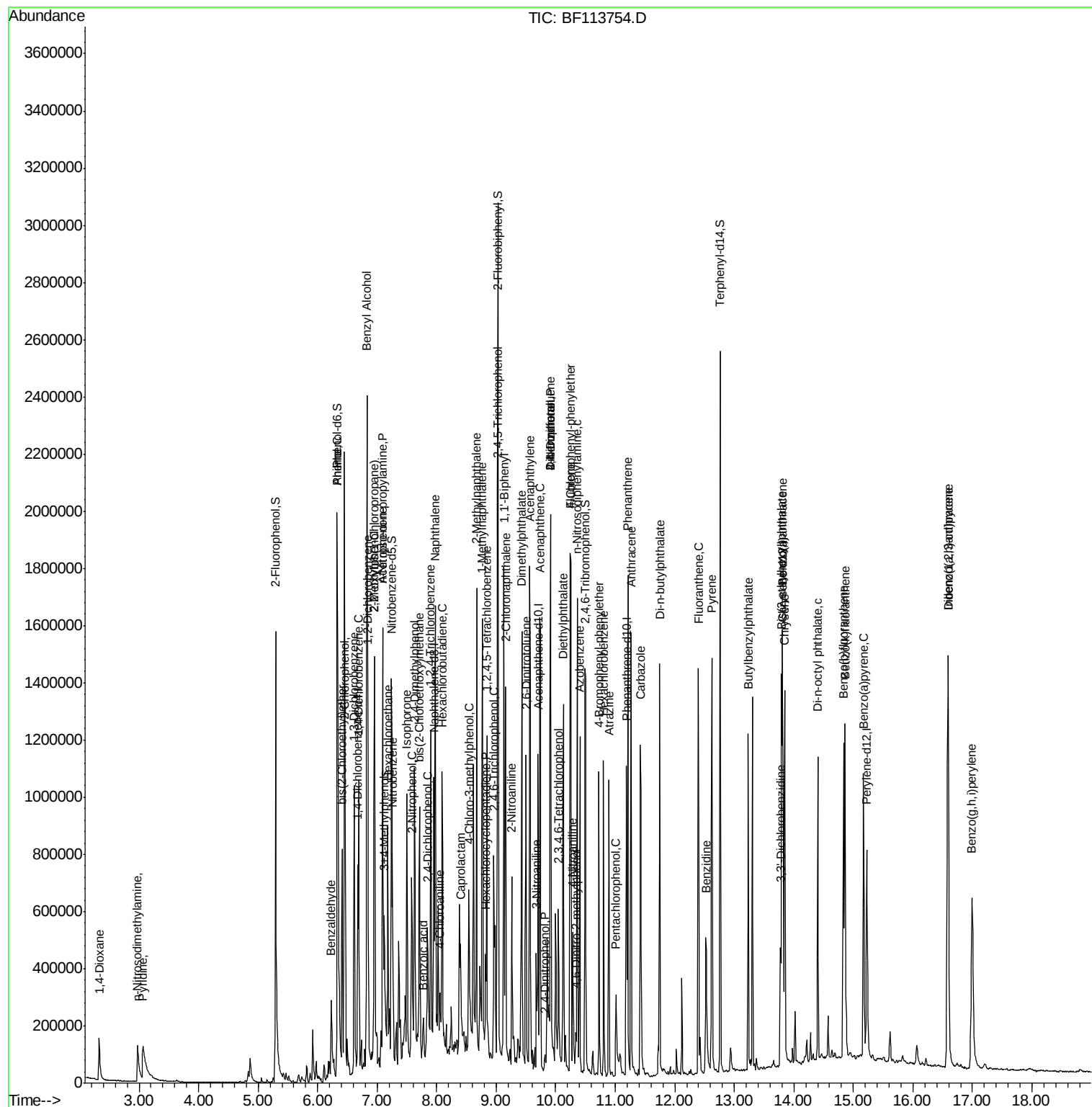
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	52127	32.097	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	125208	29.945	ng	97
44) 2,4,5-Trichlorophenol	9.02	196	122068	27.193	ng	97
46) 1,1'-Biphenyl	9.13	154	528311	31.258	ng	99
47) 2-Chloronaphthalene	9.16	162	396252	30.965	ng	97
48) 2-Nitroaniline	9.26	65	119537	30.527	ng	98
49) Acenaphthylene	9.56	152	640035	30.757	ng	99
50) Dimethylphthalate	9.43	163	526968	34.903	ng	100
51) 2,6-Dinitrotoluene	9.50	165	99792	29.985	ng #	90
52) Acenaphthene	9.74	154	371215	31.164	ng	99
53) 3-Nitroaniline	9.67	138	78191	20.665	ng	93
54) 2,4-Dinitrophenol	9.83	184	11378	7.308	ng #	87
55) Dibenzofuran	9.91	168	559433	32.016	ng	99
56) 4-Nitrophenol	9.91	139	318338	135.625	ng #	15
57) 2,4-Dinitrotoluene	9.92	165	129634	32.207	ng	97
58) Fluorene	10.25	166	438659	31.741	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	101491	26.119	ng	99
60) Diethylphthalate	10.13	149	447750	30.759	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	218408	32.130	ng	98
62) 4-Nitroaniline	10.29	138	100007	25.991	ng	97
63) Azobenzene	10.40	77	413857	30.027	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	29256	13.880	ng	88
66) n-Nitrosodiphenylamine	10.36	169	390482	31.769	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	135459	30.166	ng	98
68) Hexachlorobenzene	10.80	284	153300	29.795	ng #	94
69) Atrazine	10.89	200	116812	30.152	ng	98
70) Pentachlorophenol	11.01	266	76275	31.461	ng	97
71) Phenanthrene	11.21	178	638483	32.093	ng	98
72) Anthracene	11.26	178	660654	32.638	ng	99
73) Carbazole	11.42	167	611034	32.276	ng	99
74) Di-n-butylphthalate	11.75	149	691177	30.691	ng	99
75) Fluoranthene	12.40	202	660167	30.966	ng	97
77) Benzidine	12.52	184	278598	25.935	ng	97
78) Pyrene	12.62	202	650272	29.584	ng	99
80) Butylbenzylphthalate	13.23	149	258738	28.918	ng	99
81) Benzo(a)anthracene	13.81	228	482707	28.967	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	137093	21.359	ng	98
83) Chrysene	13.85	228	503341	29.797	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	341110	31.532	ng	98
85) Di-n-octyl phthalate	14.40	149	553374	31.470	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	697637	44.730	ng	99
88) Benzo(b)fluoranthene	14.83	252	561999	27.670	ng	99
89) Benzo(k)fluoranthene	14.86	252	514754	28.239	ng	99
90) Benzo(a)pyrene	15.17	252	547163	30.317	ng	98
91) Dibenzo(a,h)anthracene	16.59	278	589032	34.900	ng	99
92) Benzo(g,h,i)perylene	16.99	276	606331	35.197	ng	98

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

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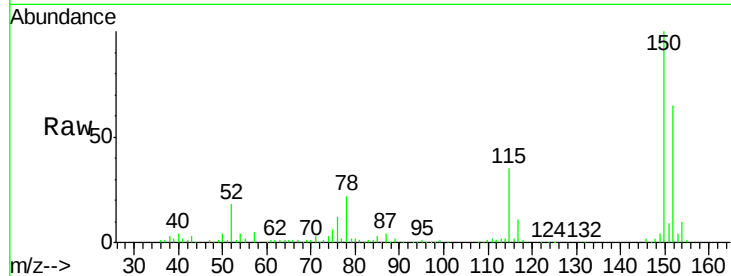


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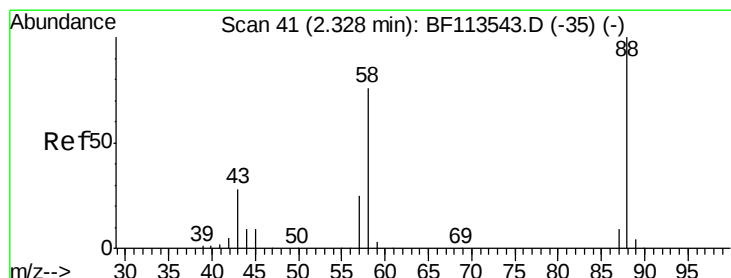
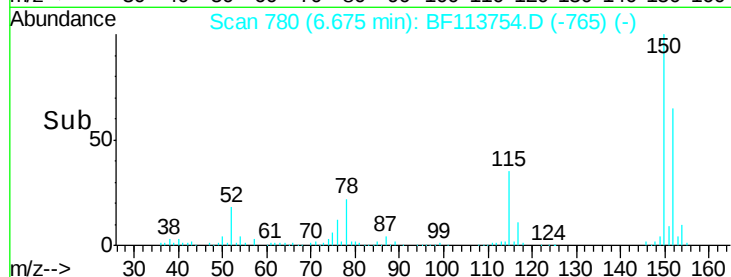
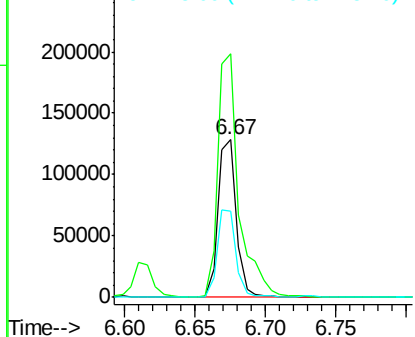
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115913
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 54.6 46.0 69.0



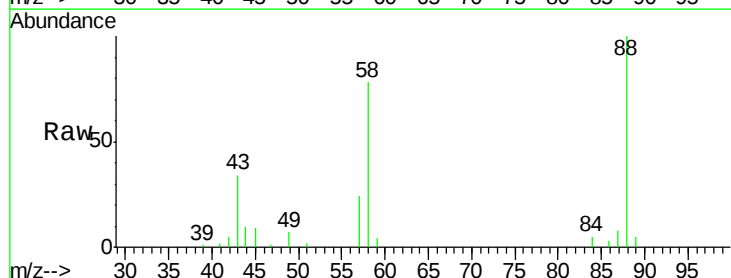
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



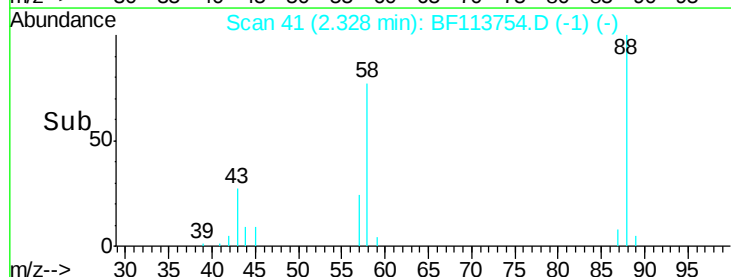
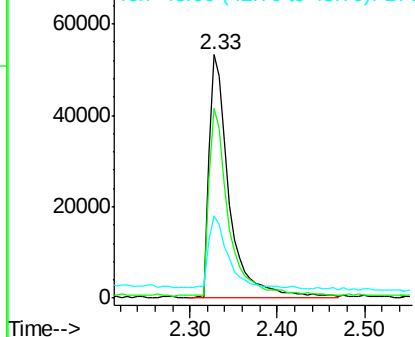
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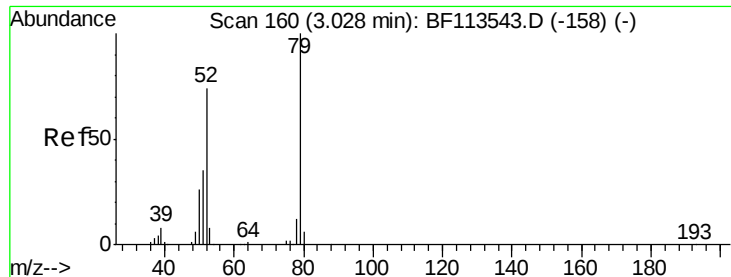
1,4-Dioxane
Concen: 26.590 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion: 88 Resp: 85605
Ion Ratio Lower Upper
88 100
58 72.7 61.9 92.9
43 26.8 24.2 36.4



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





#3

Pvridine

Concen: 23.184 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.04 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

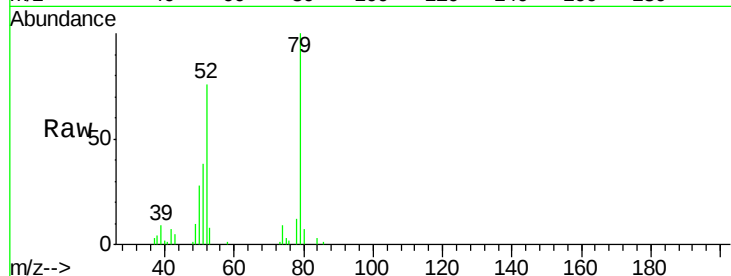
Tot Ion: 79 Resp: 195333

Ion Ratio Lower Upper

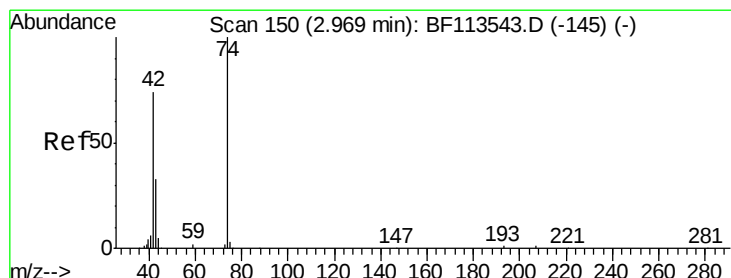
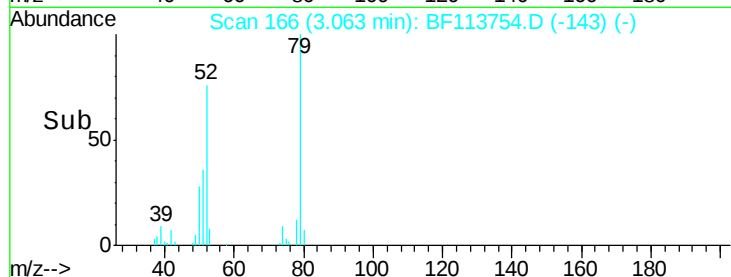
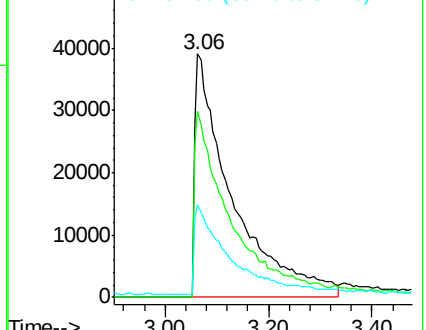
79 100

52 76.3 61.0 91.4

51 37.9 30.6 45.8



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



#4

n-Nitrosodimethylamine

Concen: 25.928 ng

RT: 2.98 min Scan# 151

Delta R.T. 0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

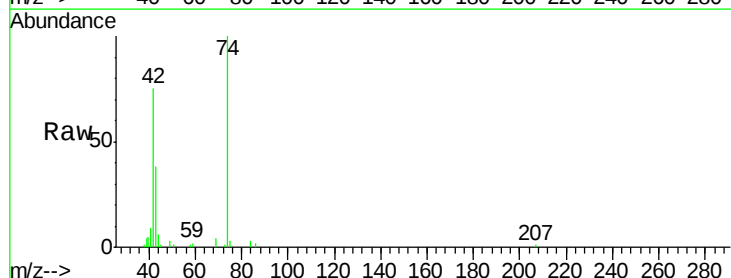
Tgt Ion: 42 Resp: 92817

Ion Ratio Lower Upper

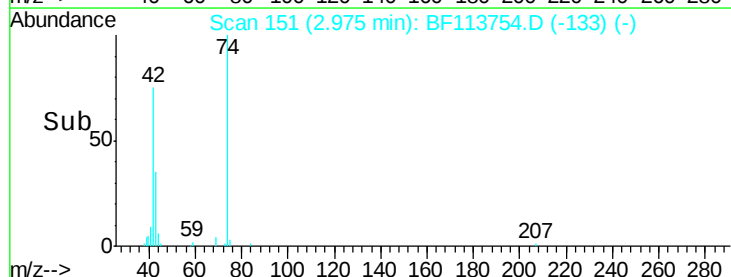
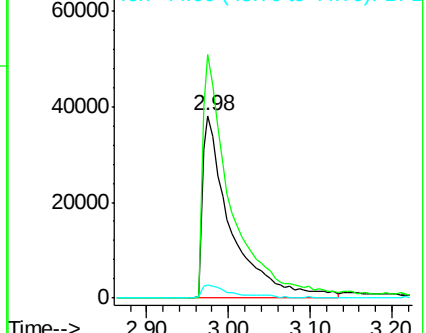
42 100

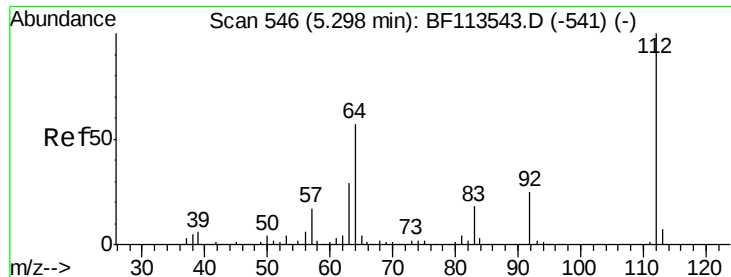
74 133.6 102.4 153.6

44 7.5 5.5 8.3



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

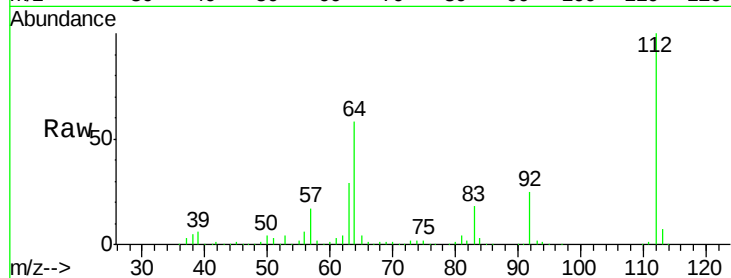




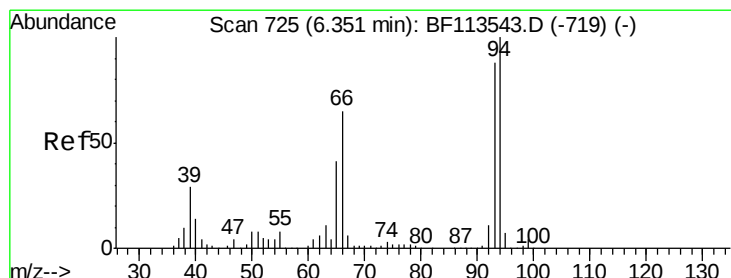
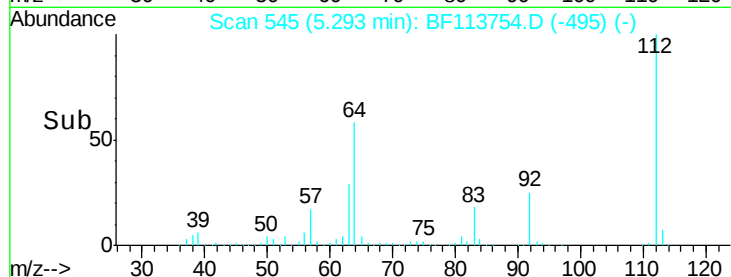
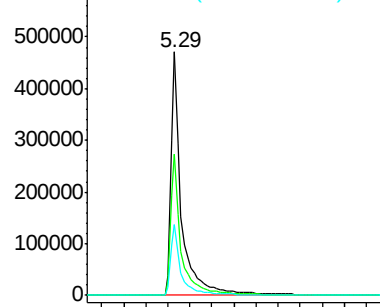
#5
2-Fluorophenol
Concen: 93.147 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	58.1	49.2	73.8
63	29.1	24.9	37.3

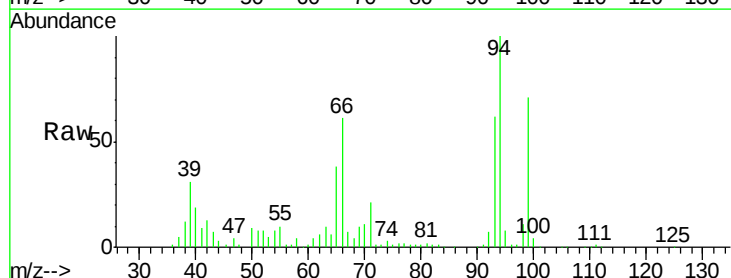


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

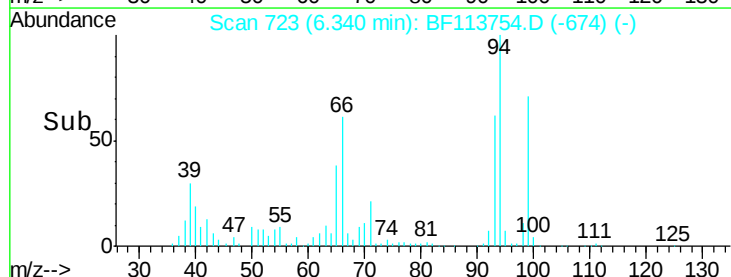
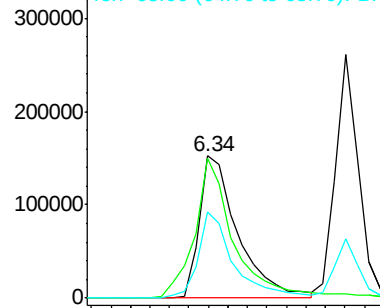


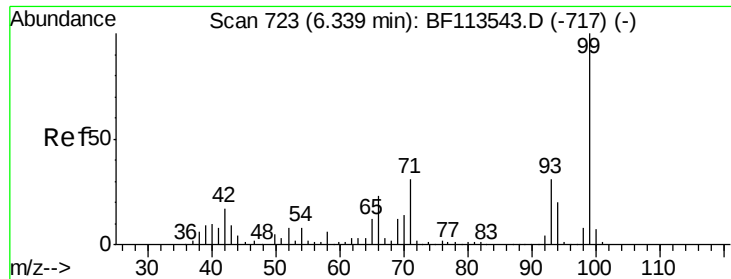
#6
Aniline
Concen: 20.570 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	98.2	62.1	93.1#
65	60.8	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.997 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

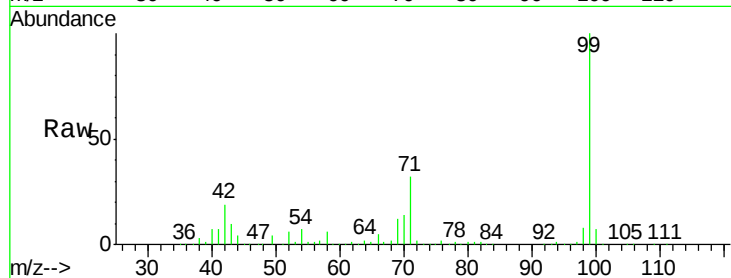
Tot Ion: 99 Resp: 787501

Ion Ratio Lower Upper

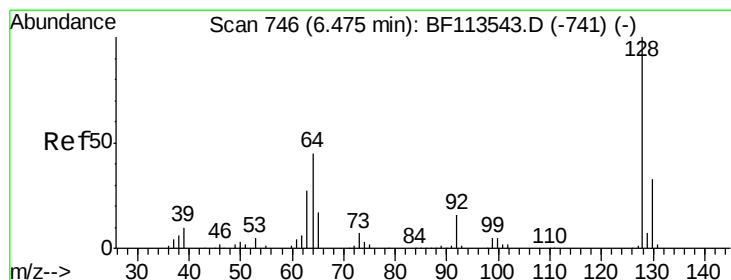
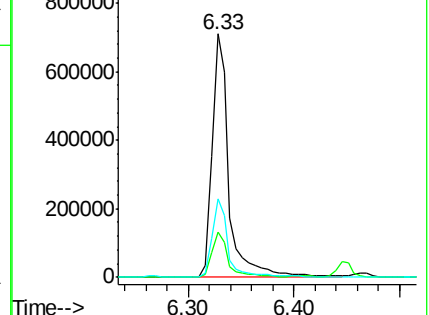
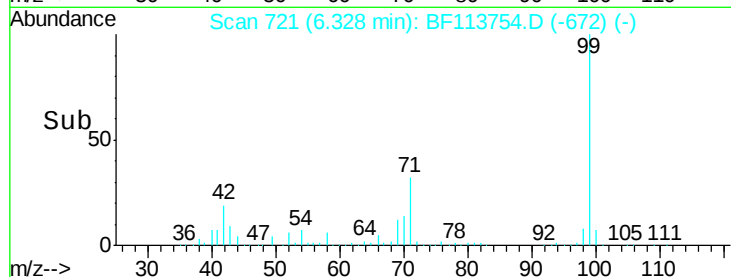
99 100

42 18.7 14.8 22.2

71 32.1 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 28.923 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

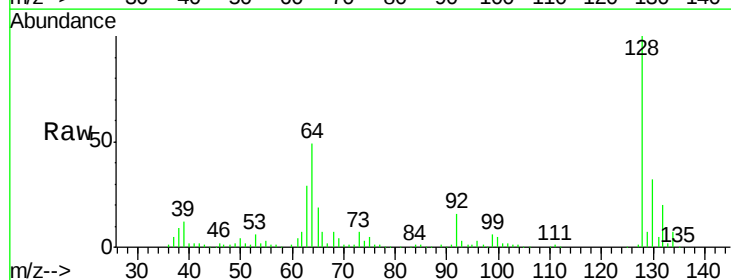
Tgt Ion: 128 Resp: 227472

Ion Ratio Lower Upper

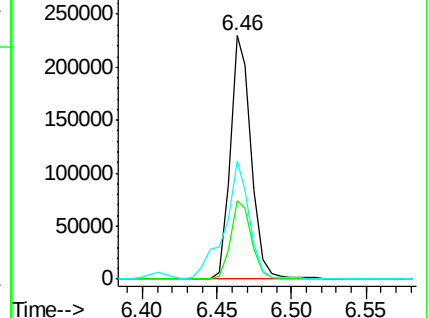
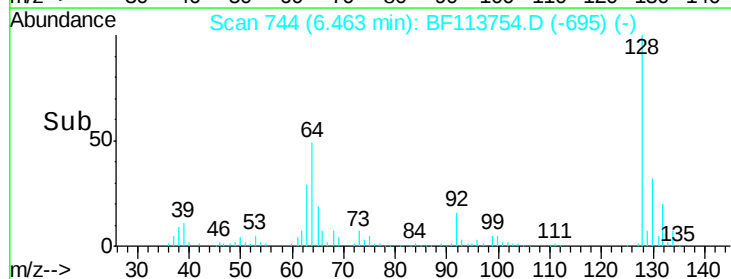
128 100

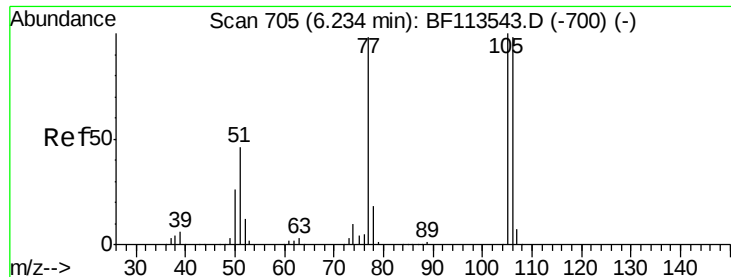
130 32.4 12.6 52.6

64 48.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.132 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

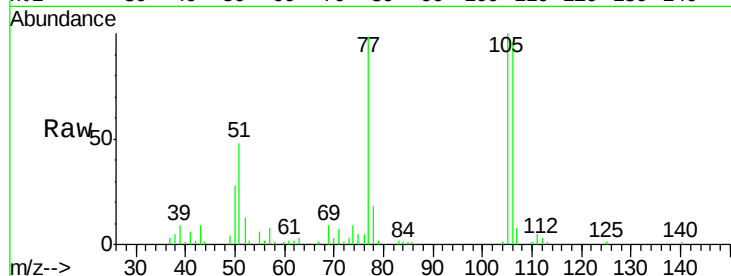
Tot Ion: 77 Resp: 85342

Ion Ratio Lower Upper

77 100

105 102.0 80.9 120.9

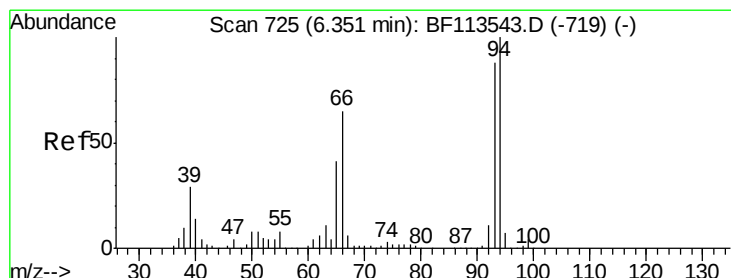
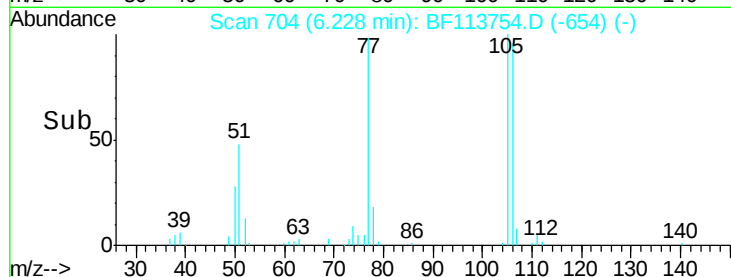
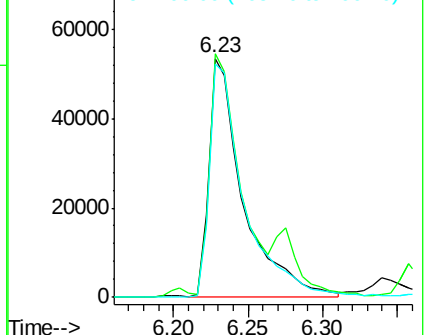
106 97.7 77.8 117.8



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: 29.752 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

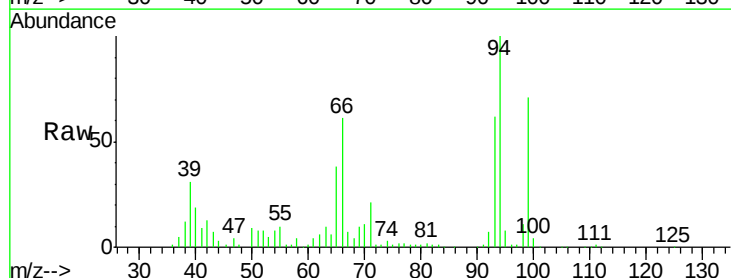
Tgt Ion: 94 Resp: 284682

Ion Ratio Lower Upper

94 100

65 37.8 21.4 61.4

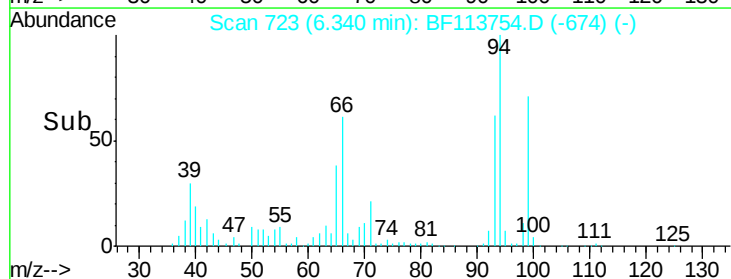
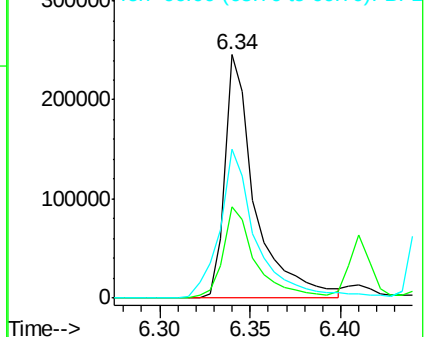
66 61.0 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

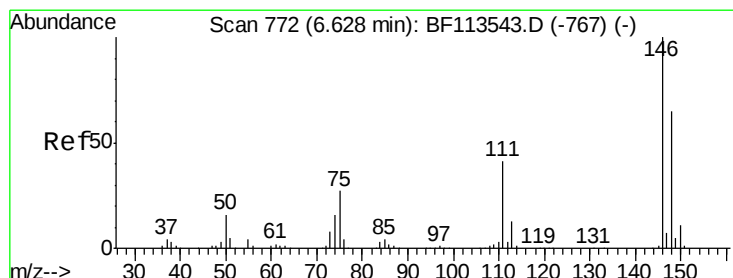
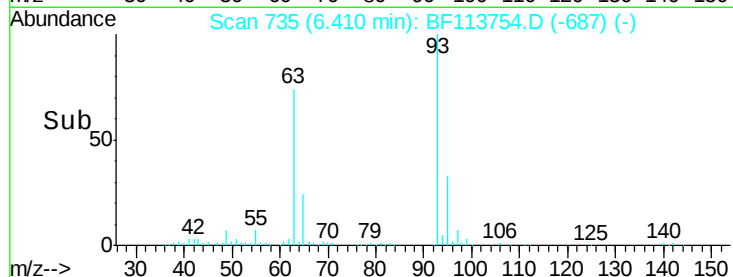
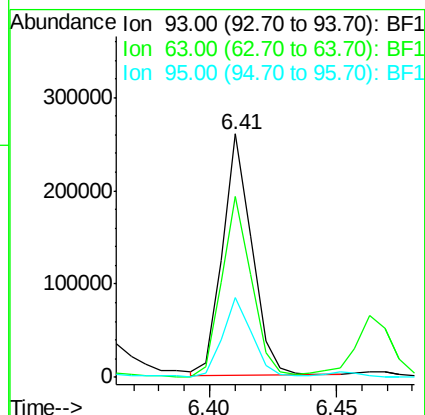
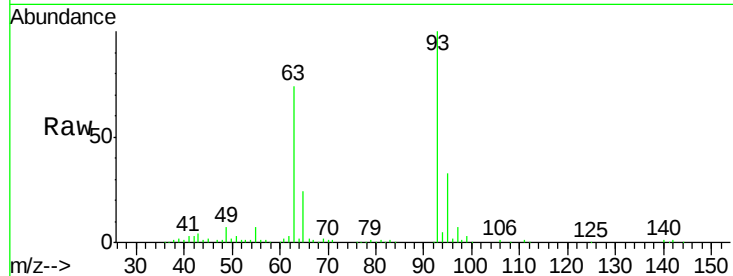




#11
bis(2-Chloroethyl)ether
Concen: 28.190 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

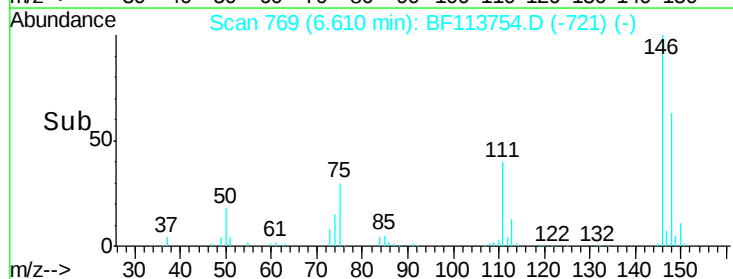
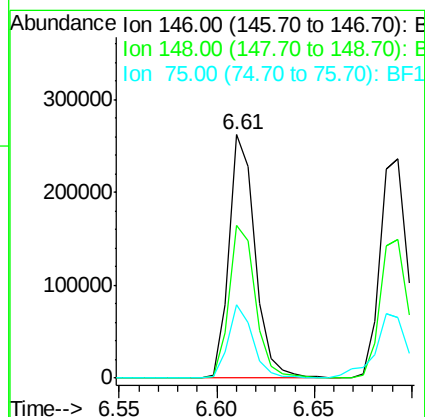
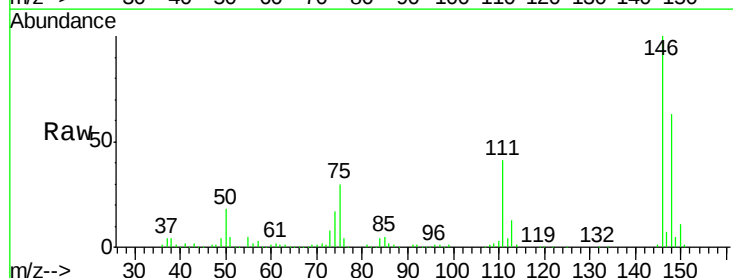
Instrument :
BNA_F
ClientSampleId :

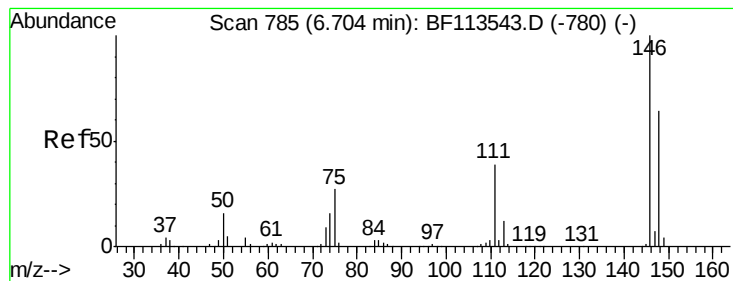
Tot Ion: 93 Resp: 209824
Ion Ratio Lower Upper
93 100
63 74.5 56.1 96.1
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 28.787 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion: 146 Resp: 243811
Ion Ratio Lower Upper
146 100
148 62.5 51.4 77.0
75 30.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 28.997 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

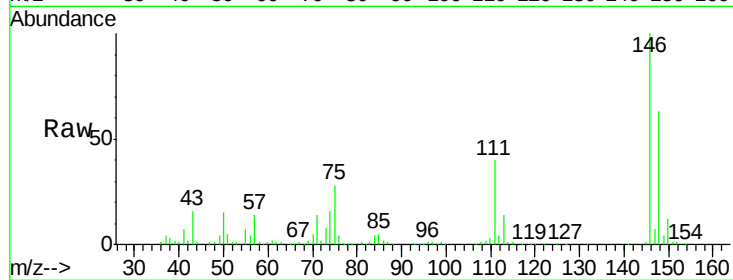
Tot Ion:146 Resp: 248182

Ion Ratio Lower Upper

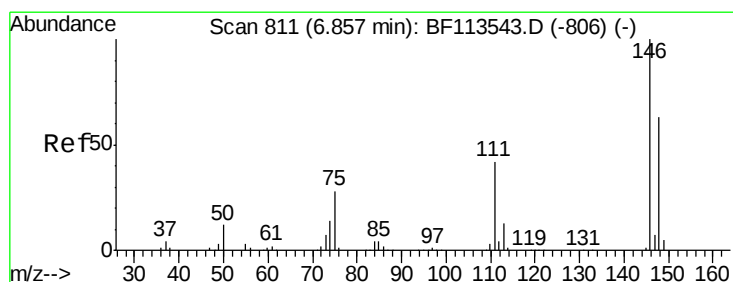
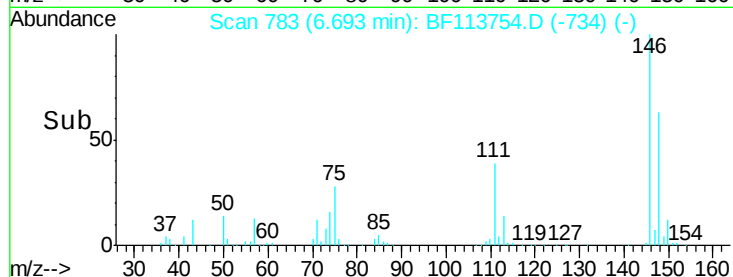
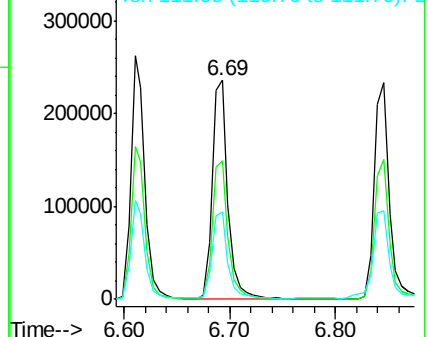
146 100

148 63.5 51.1 76.7

111 39.7 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 29.973 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

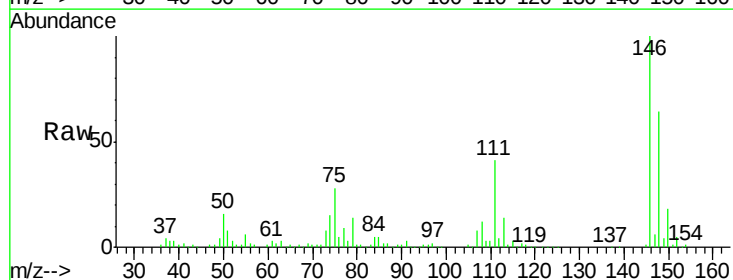
Tgt Ion:146 Resp: 231555

Ion Ratio Lower Upper

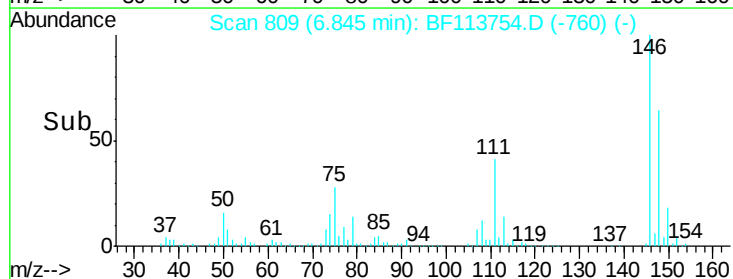
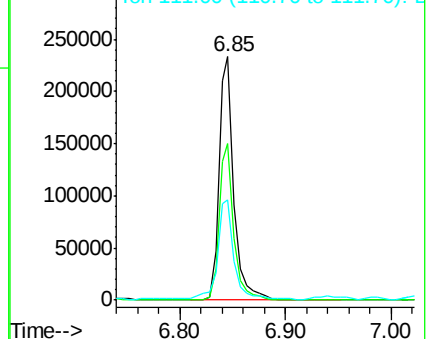
146 100

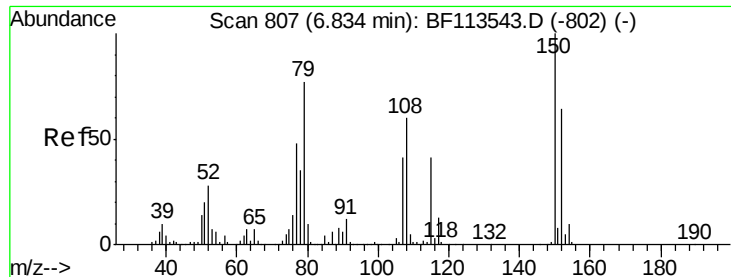
148 64.4 50.2 75.4

111 41.1 35.4 53.2



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





#15

Benzyl Alcohol

Concen: 26.734 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampled :

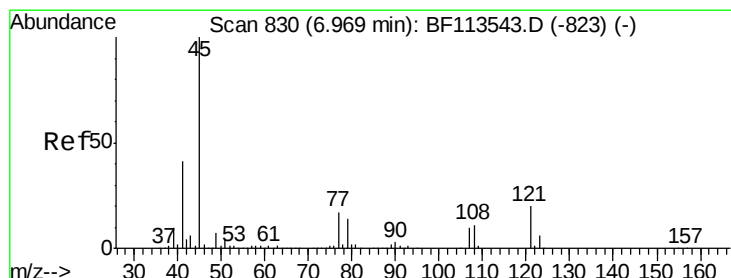
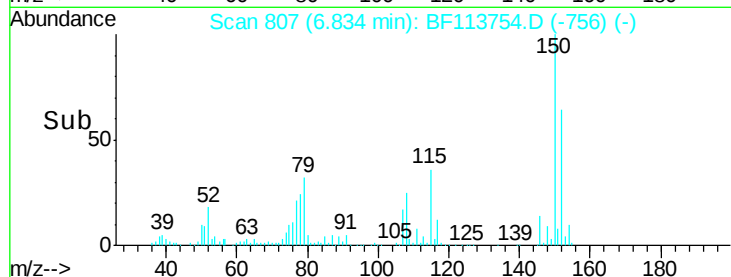
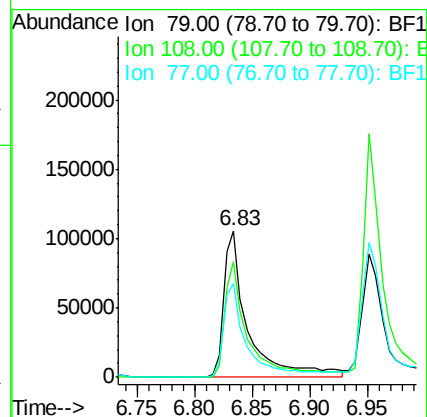
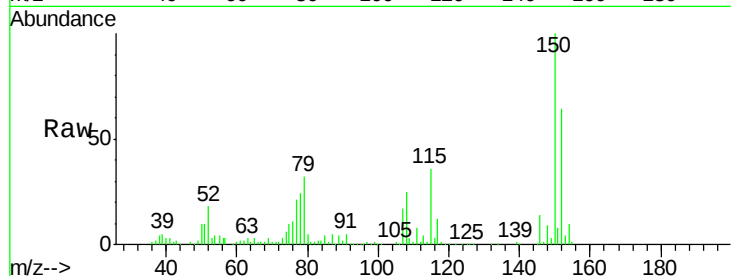
Tot Ion: 79 Resp: 151440

Ion Ratio Lower Upper

79 100

108 79.2 62.0 93.0

77 64.0 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.101 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

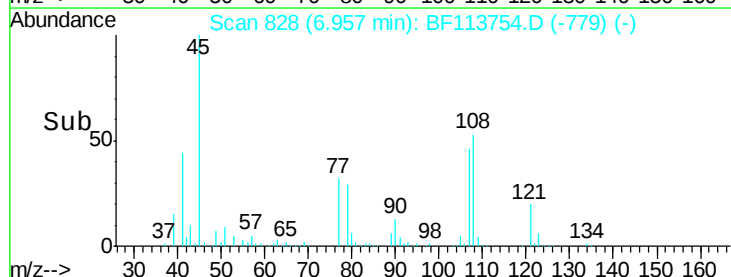
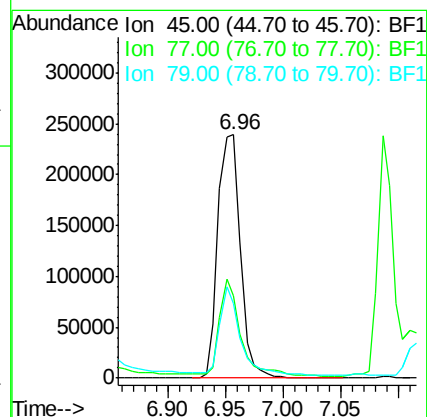
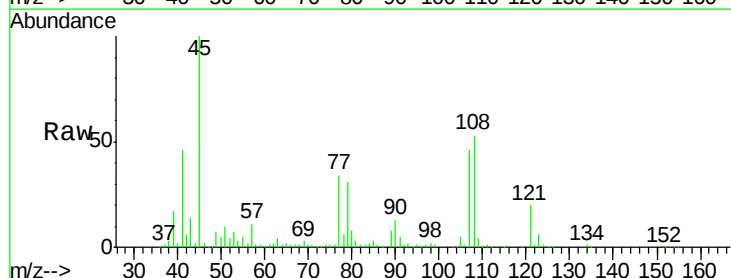
Tgt Ion: 45 Resp: 325562

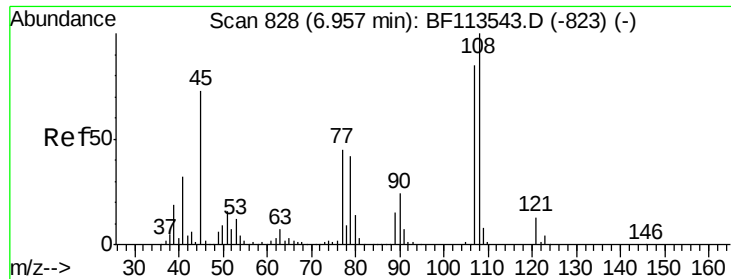
Ion Ratio Lower Upper

45 100

77 33.8 0.0 36.6

79 30.5 0.0 34.0

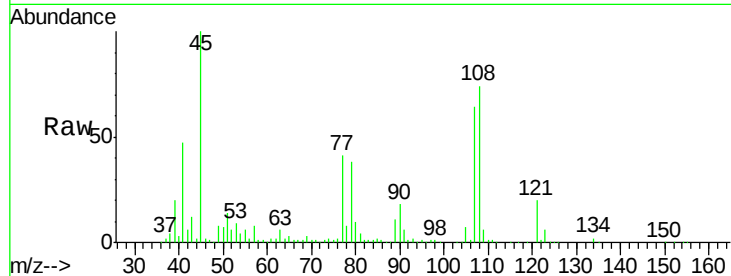




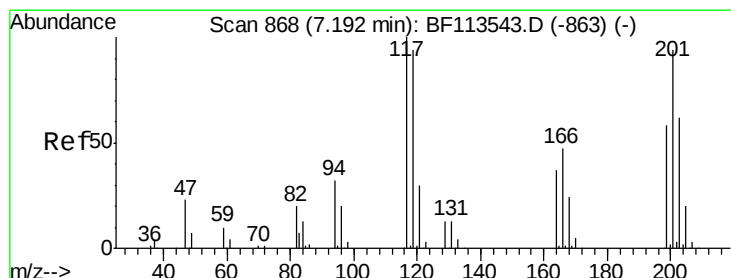
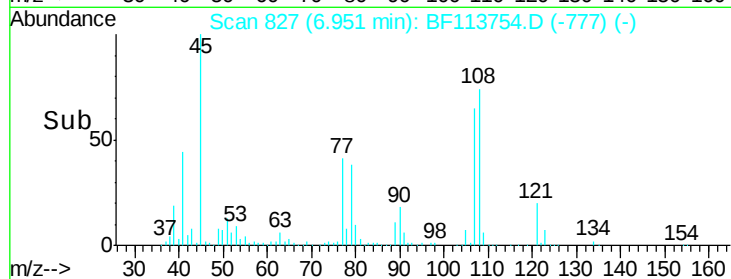
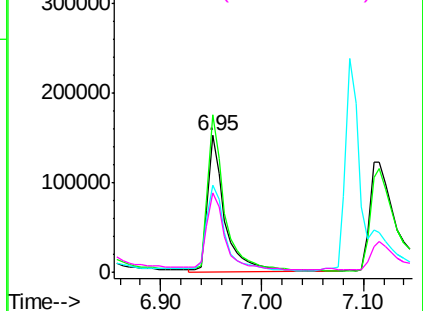
#17
2-Methylphenol
Concen: 29.103 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 177375
Ion Ratio Lower Upper
107 100
108 114.9 93.4 140.0
77 63.9 41.2 61.8#
79 58.4 40.1 60.1

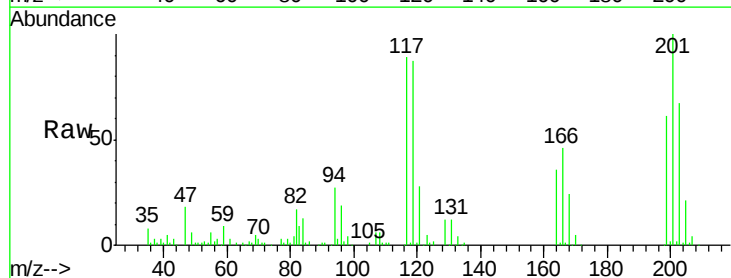


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

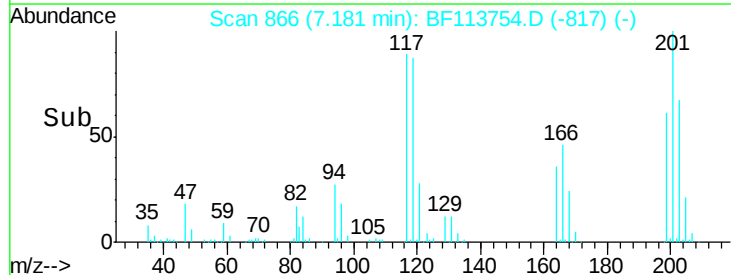
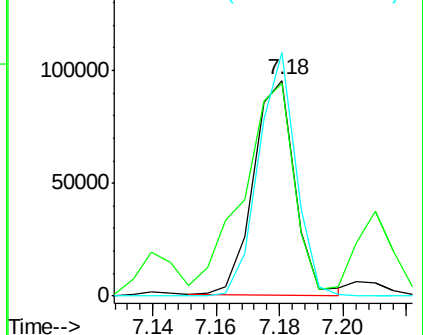


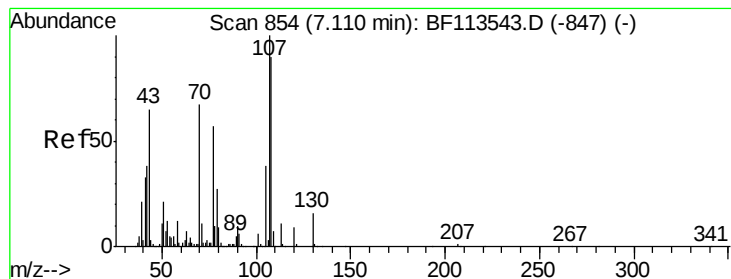
#18
Hexachloroethane
Concen: 27.825 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:117 Resp: 86683
Ion Ratio Lower Upper
117 100
119 98.5 76.9 115.3
201 112.9 78.7 118.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 29.371 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 151737

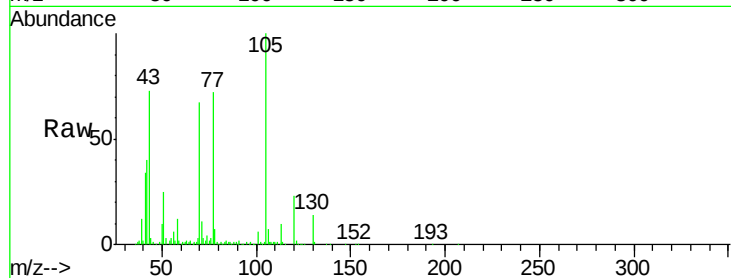
Ion Ratio Lower Upper

70 100

42 60.4 48.4 72.6

101 9.4 7.8 11.8

130 21.3 18.2 27.4

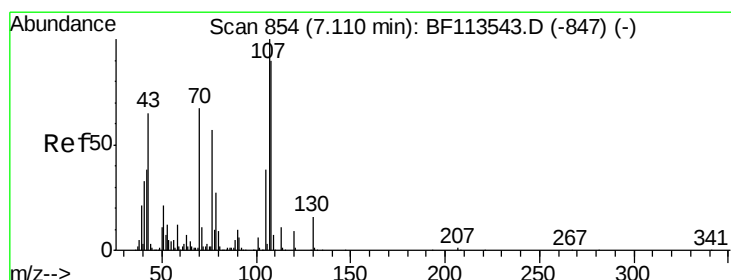
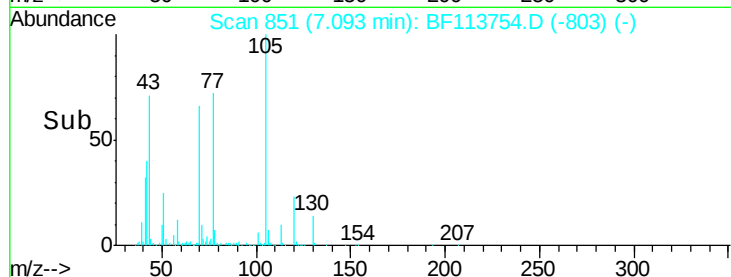
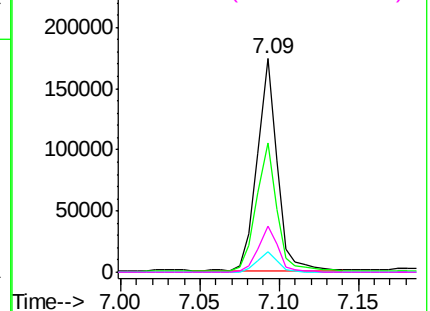


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 31.246 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Tgt Ion: 107 Resp: 230747

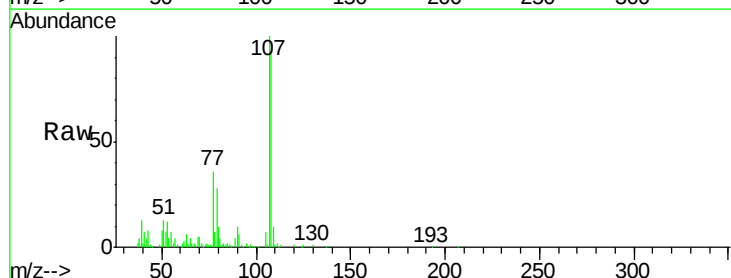
Ion Ratio Lower Upper

107 100

108 93.5 71.4 111.4

77 36.2 33.5 73.5

79 28.3 8.3 48.3

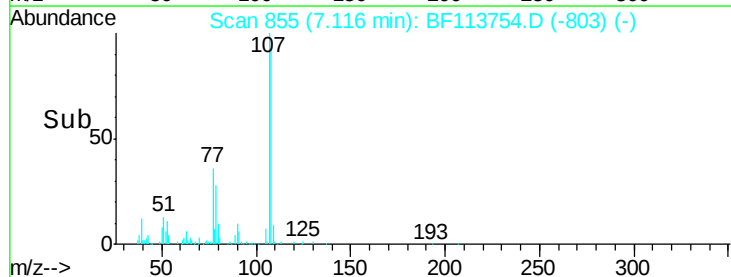
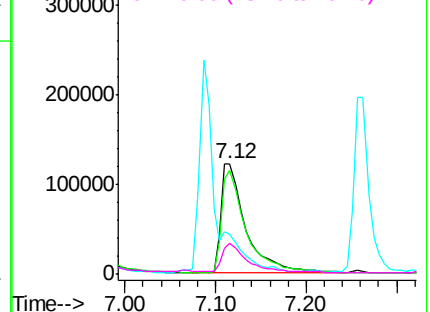


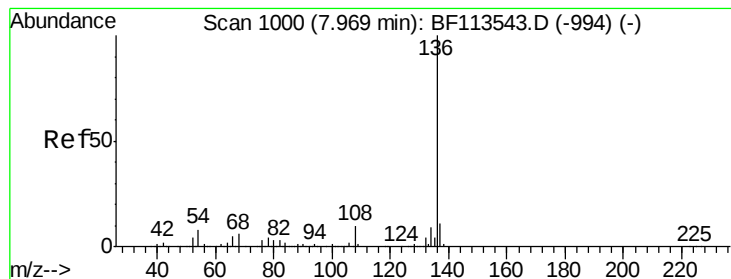
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 427874

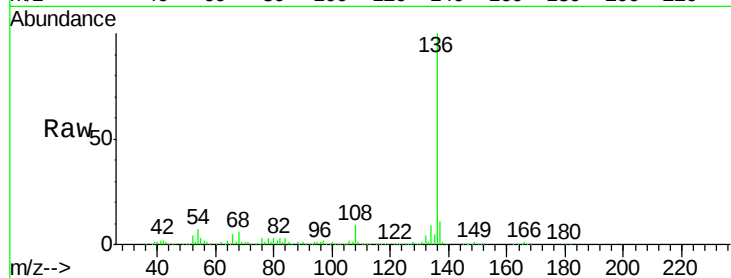
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 7.0 10.6

68 5.6 4.8 7.2

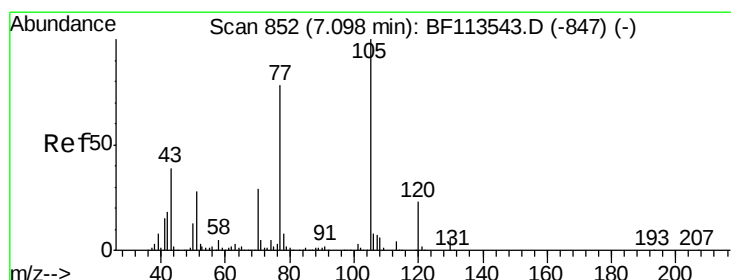
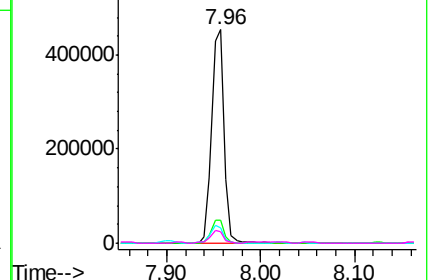
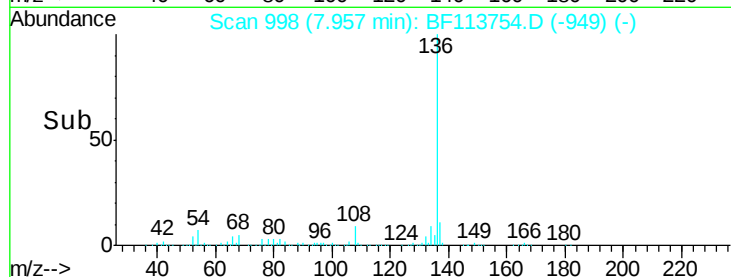


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.499 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Tgt Ion:105 Resp: 324207

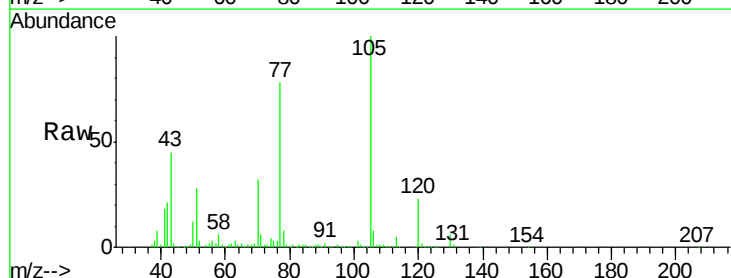
Ion Ratio Lower Upper

105 100

71 5.7 3.3 4.9#

51 28.0 24.2 36.2

120 23.2 18.1 27.1

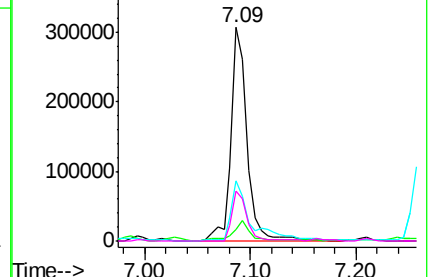
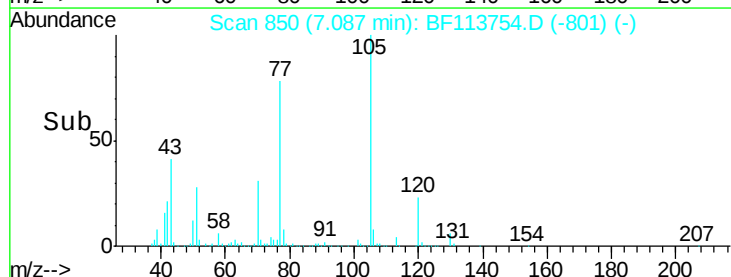


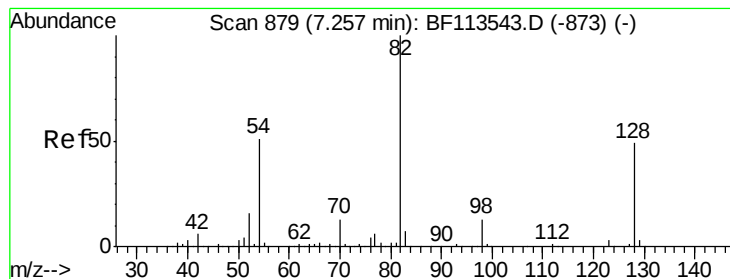
Abundance Ion 105.00 (104.70 to 105.70): E

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: 60.006 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

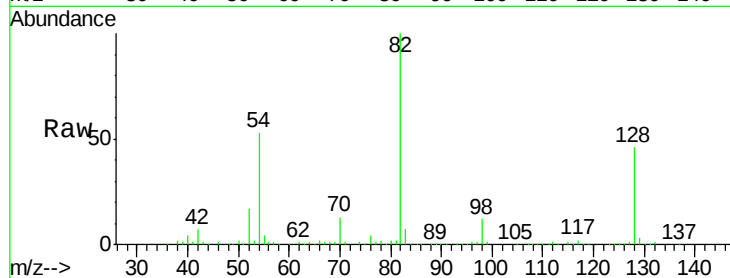
Tot Ion: 82 Resp: 438324

Ion Ratio Lower Upper

82 100

128 45.5 36.5 54.7

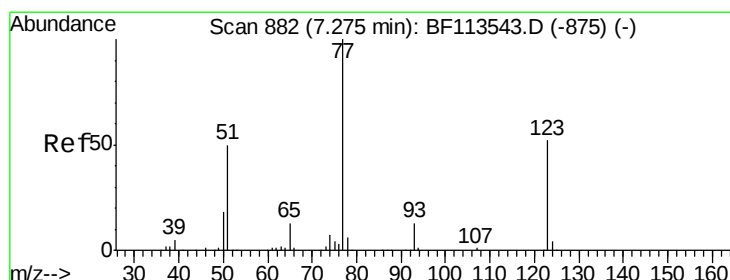
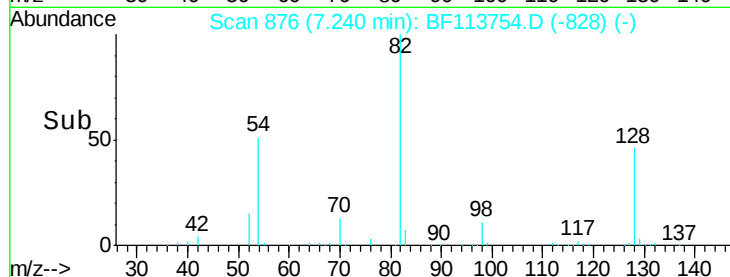
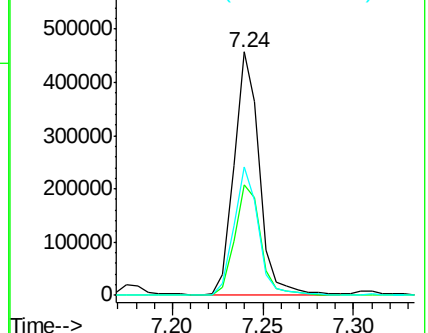
54 52.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 29.418 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

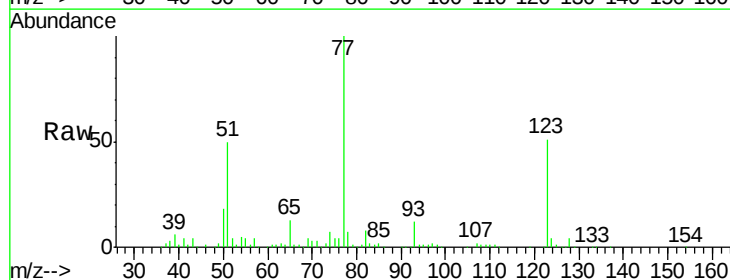
Tgt Ion: 77 Resp: 221299

Ion Ratio Lower Upper

77 100

123 51.0 40.8 61.2

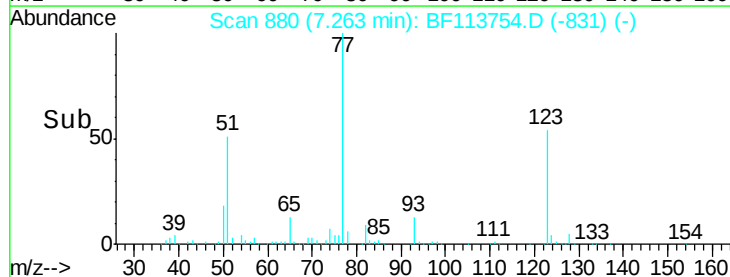
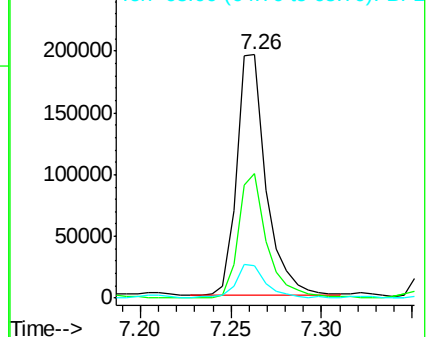
65 13.3 10.6 16.0

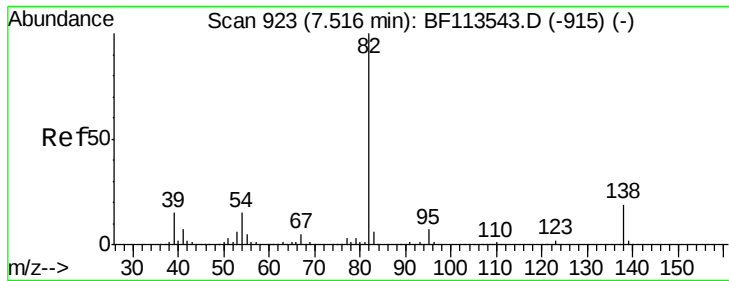


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 29.066 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

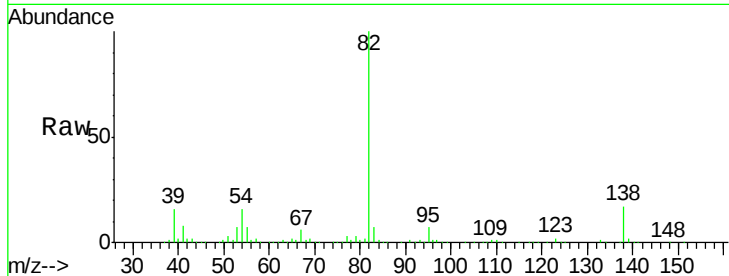
Tot Ion: 82 Resp: 409009

Ion Ratio Lower Upper

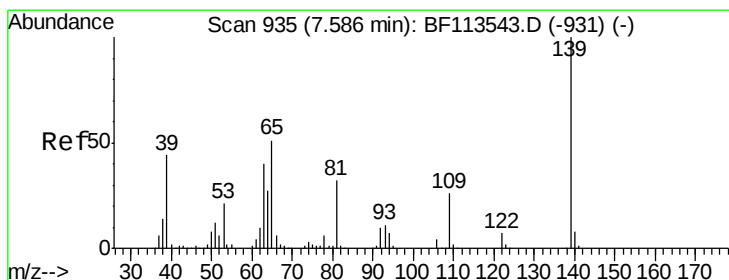
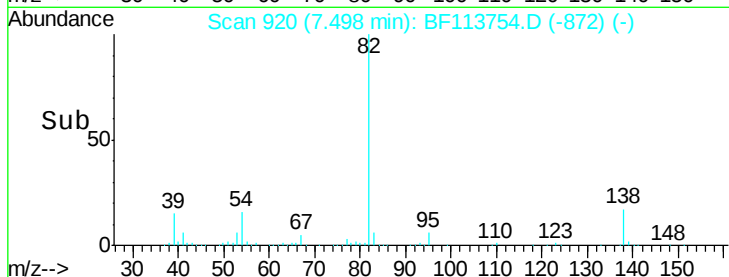
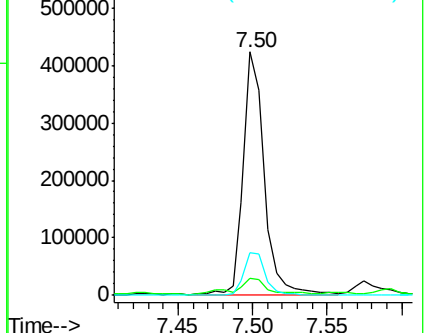
82 100

95 7.1 5.5 8.3

138 17.3 15.2 22.8



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



#26

2-Nitrophenol

Concen: 29.103 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

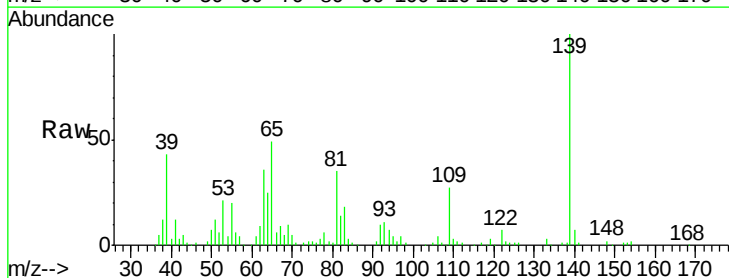
Tgt Ion: 139 Resp: 117828

Ion Ratio Lower Upper

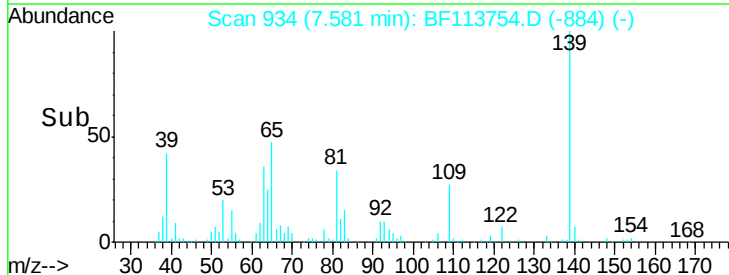
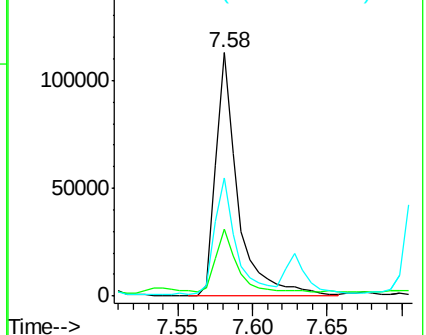
139 100

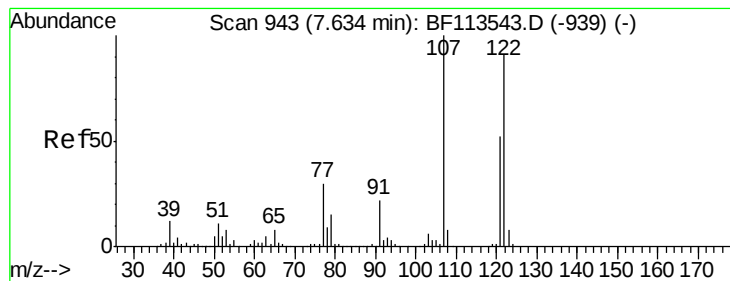
109 27.5 21.7 32.5

65 48.8 41.6 62.4



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: 34.057 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampled :

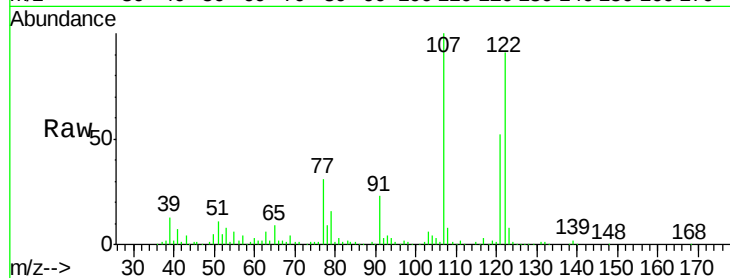
Tot Ion:122 Resp: 197127

Ion Ratio Lower Upper

122 100

107 110.4 88.8 133.2

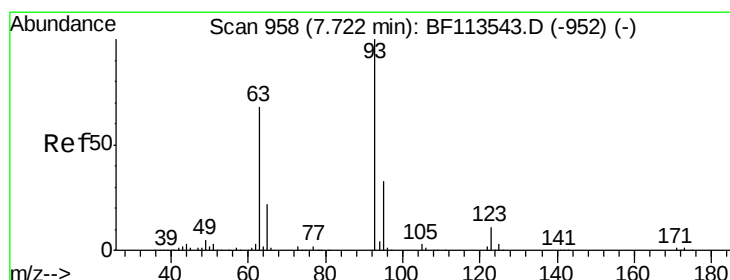
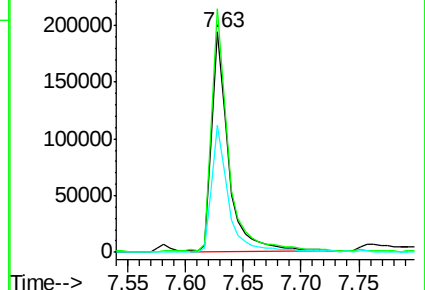
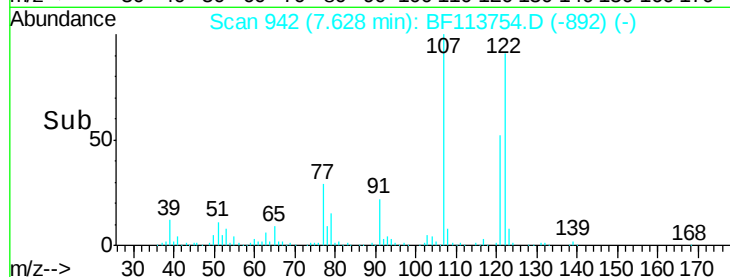
121 57.5 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.220 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

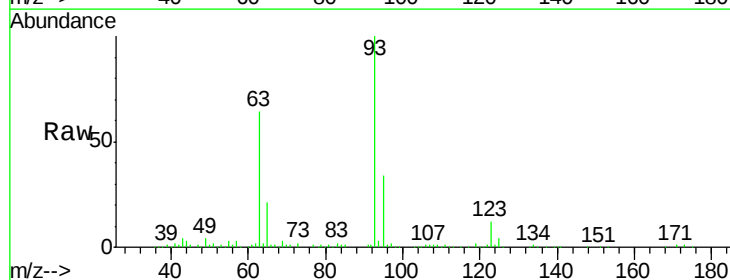
Tgt Ion: 93 Resp: 259952

Ion Ratio Lower Upper

93 100

95 34.1 26.0 39.0

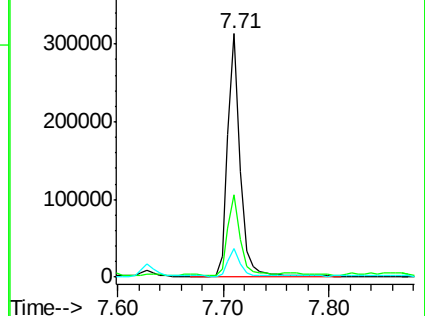
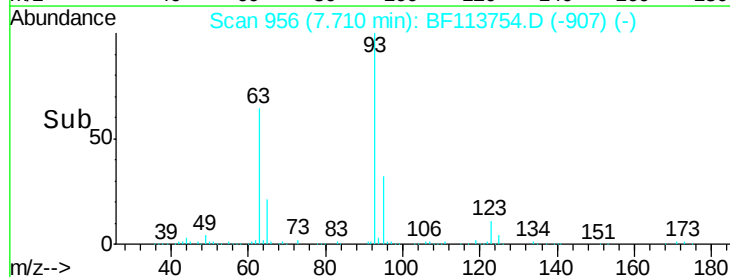
123 11.6 9.1 13.7

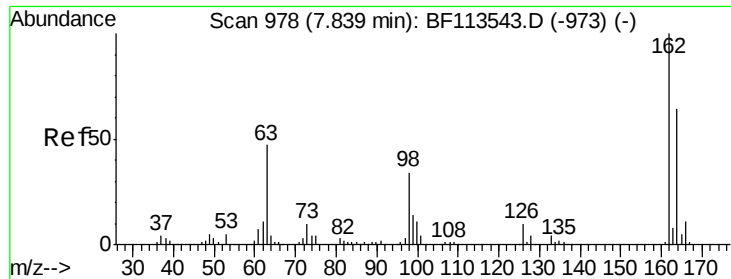


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

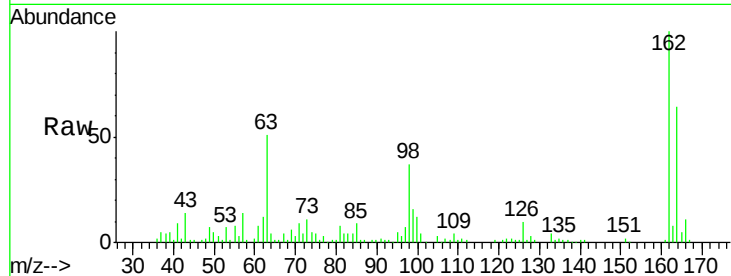




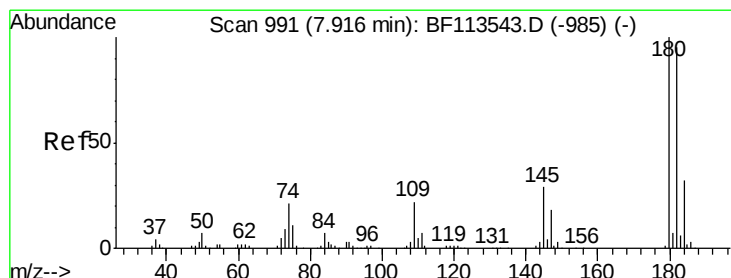
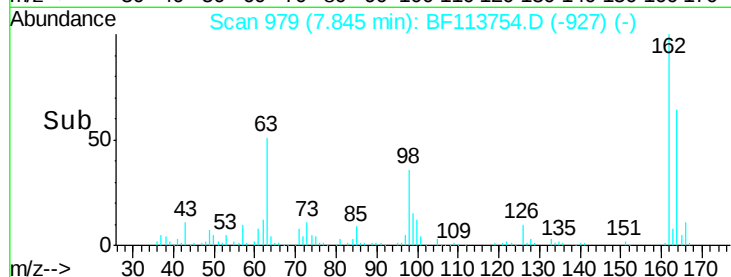
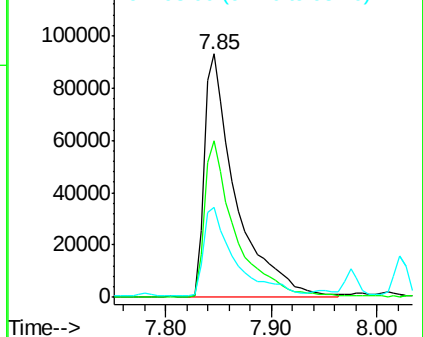
#29
2,4-Dichlorophenol
Concen: 31.321 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	37.2	15.6	55.6

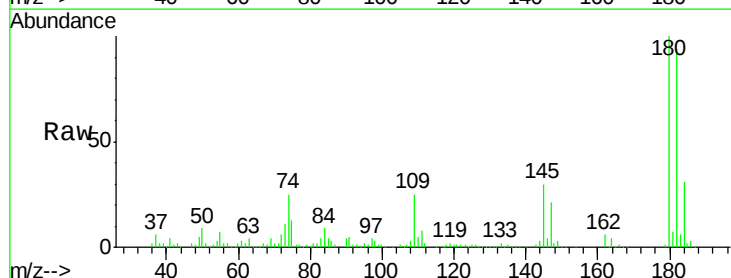


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

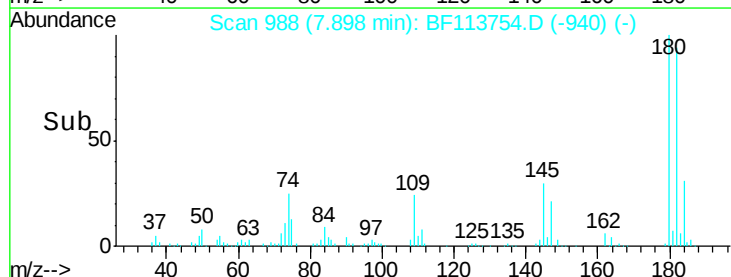
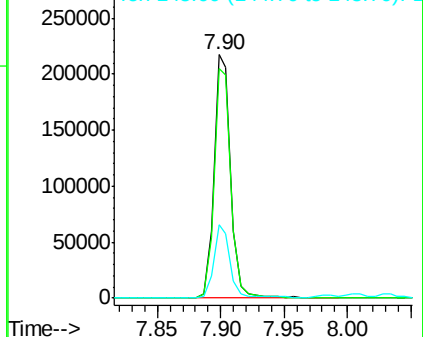


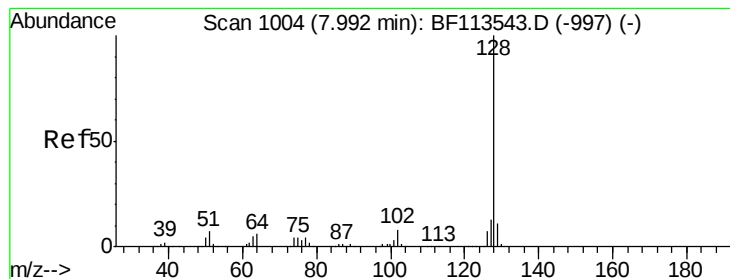
#30
1,2,4-Trichlorobenzene
Concen: 30.083 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.6	111.8
145	30.0	23.4	35.0



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





#31

Naphthalene

Concen: 31.255 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

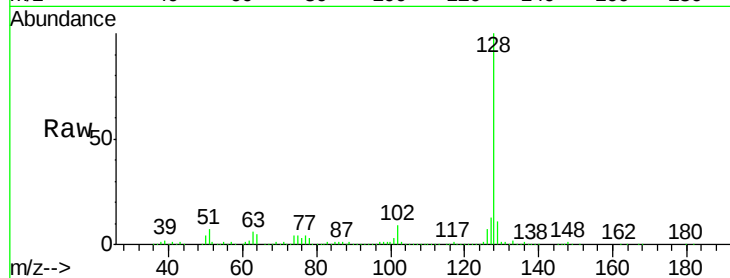
Tot Ion:128 Resp: 647962

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

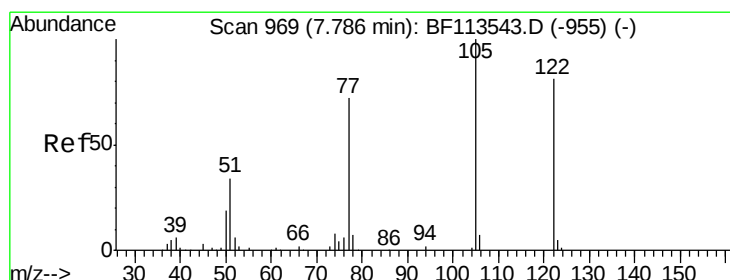
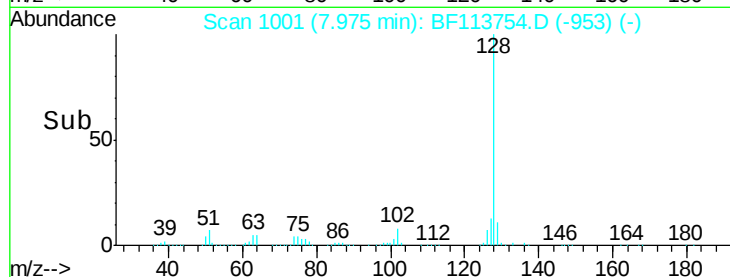
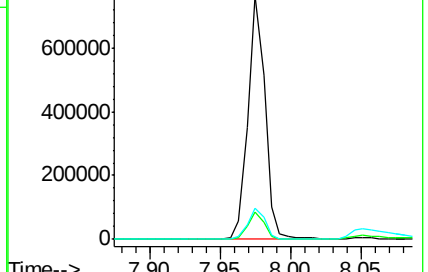
127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.460 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

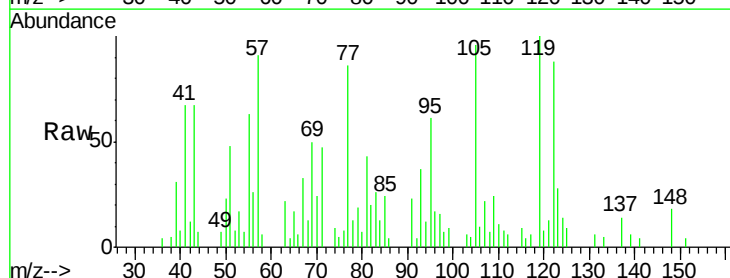
Tgt Ion:122 Resp: 19990

Ion Ratio Lower Upper

122 100

105 109.3 100.4 140.4

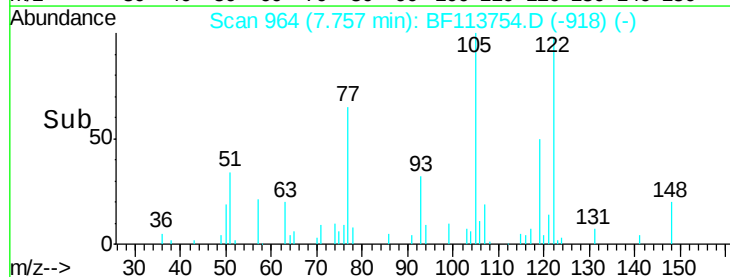
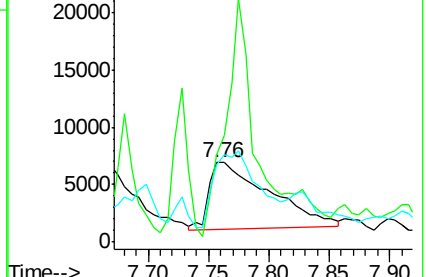
77 97.8 69.0 109.0

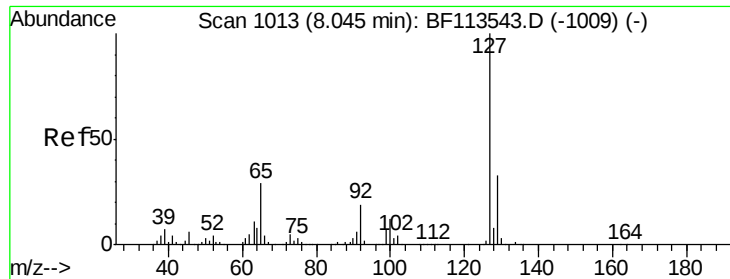


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

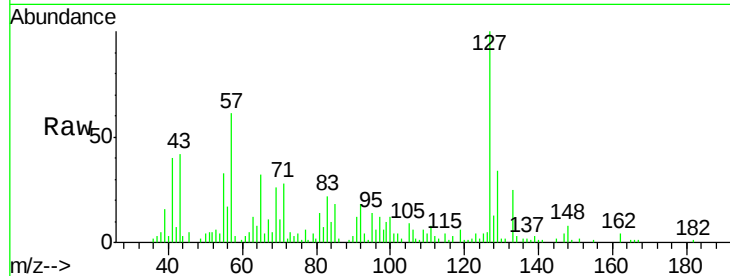




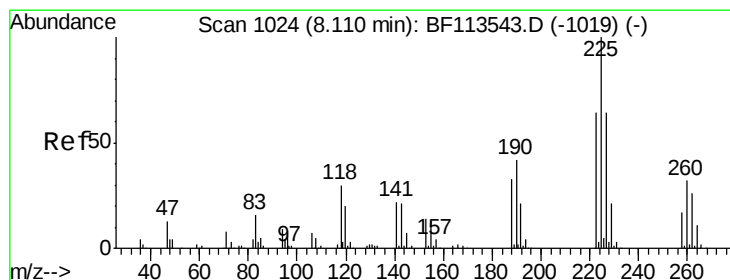
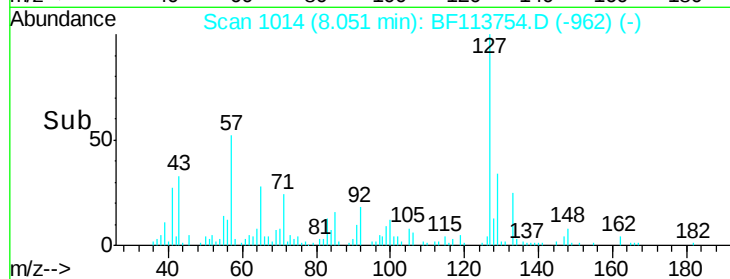
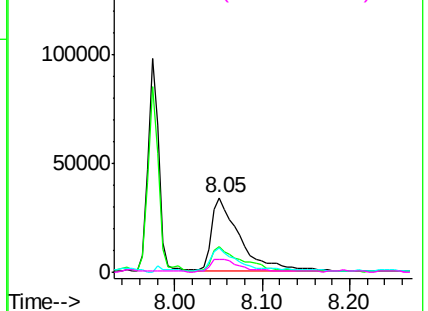
#33
4-Chloroaniline
Concen: 9.280 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	76288
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.3	39.5
65	32.1	24.2	36.4
92	17.9	15.0	22.6

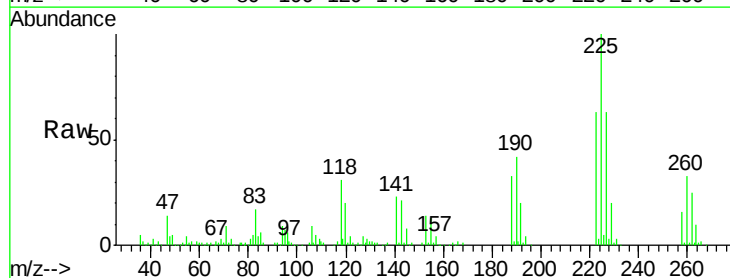


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

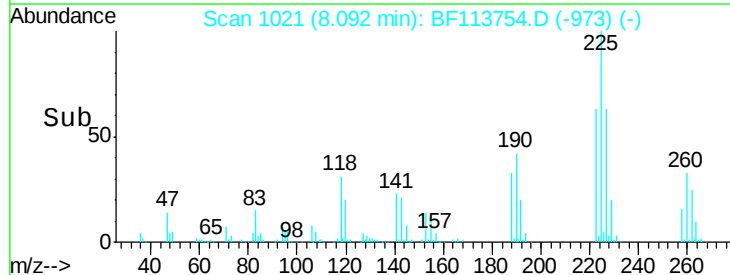
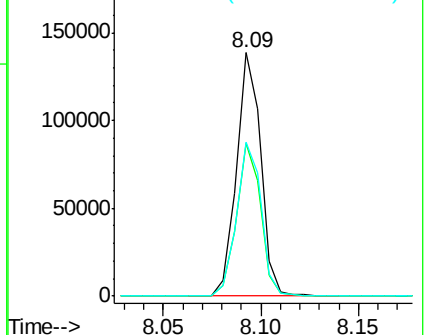


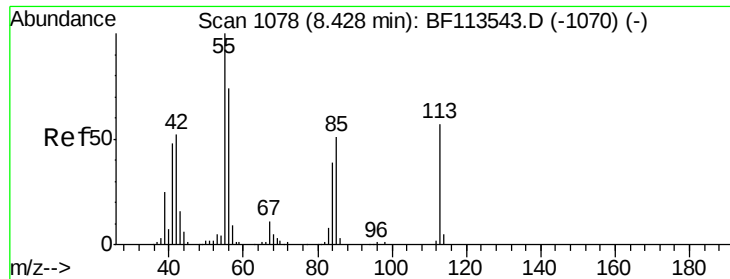
#34
Hexachlorobutadiene
Concen: 29.105 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:	225	Resp:	119335
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	63.2	51.1	76.7



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

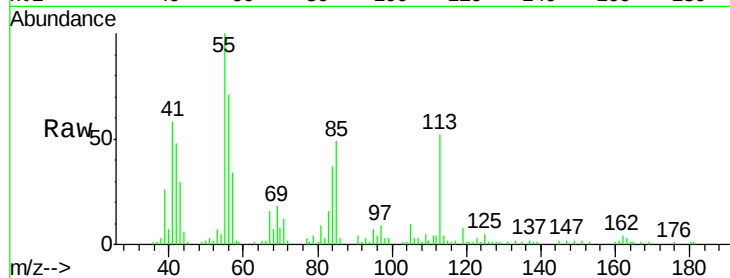




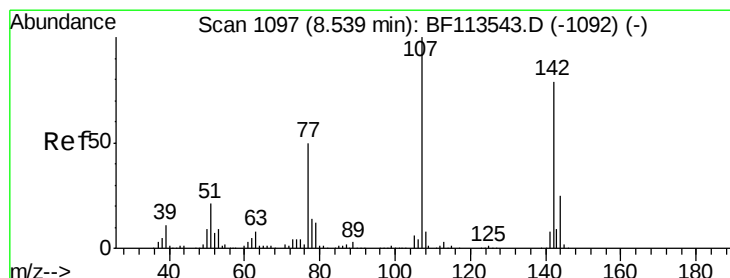
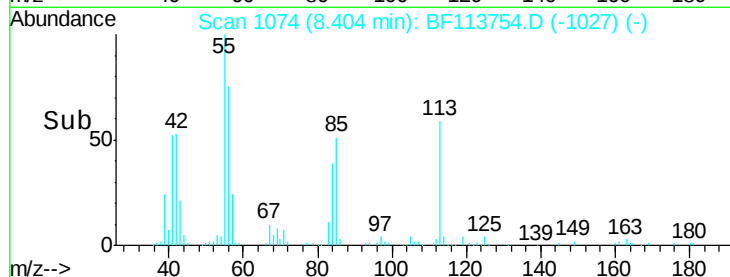
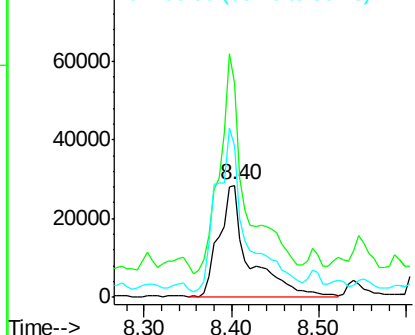
#35
 Caprolactam
 Concen: 35.261 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 69318
 Ion Ratio Lower Upper
 113 100
 55 191.1 152.7 192.7
 56 135.0 108.3 148.3

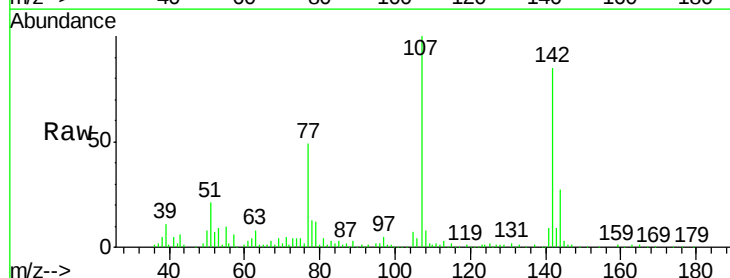


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

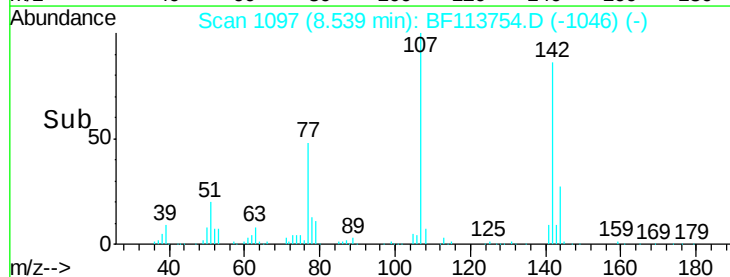
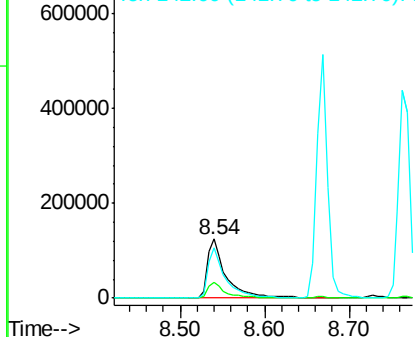


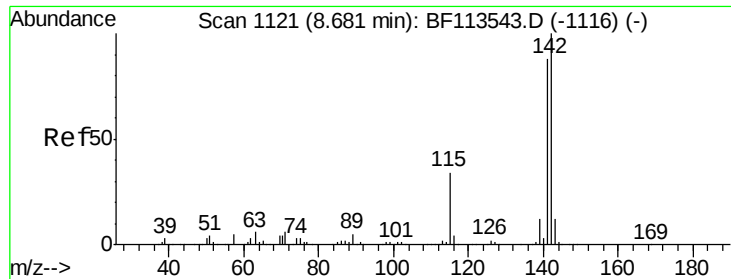
#36
 4-Chloro-3-methylphenol
 Concen: 30.079 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Tgt Ion:107 Resp: 186994
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.4 32.0
 142 85.1 65.6 98.4



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

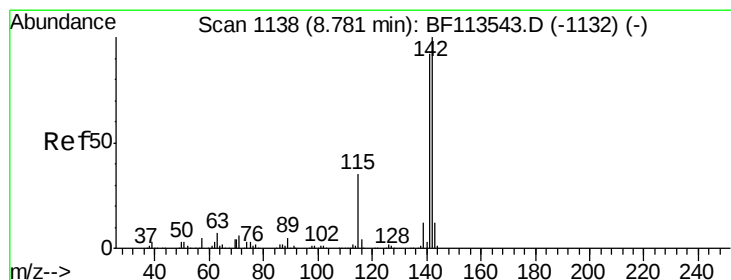
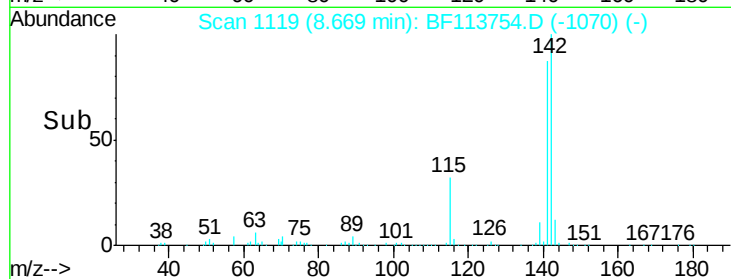
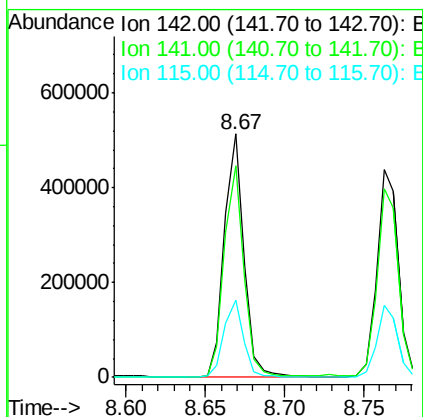
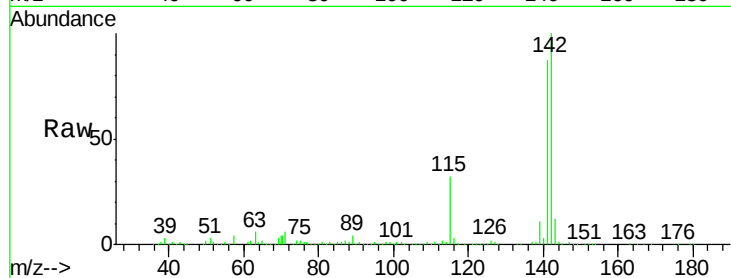




#37
2-Methylnaphthalene
Concen: 32.254 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

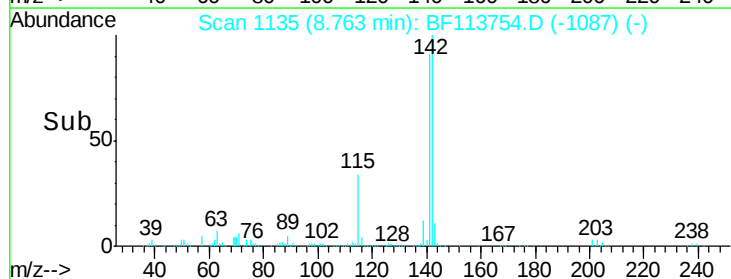
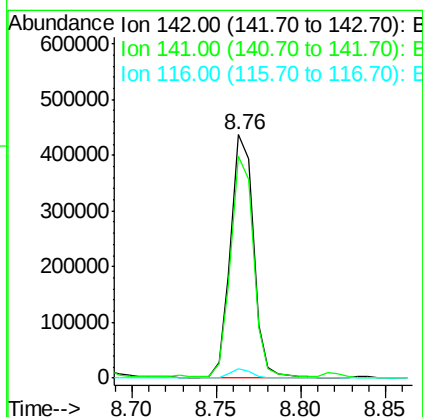
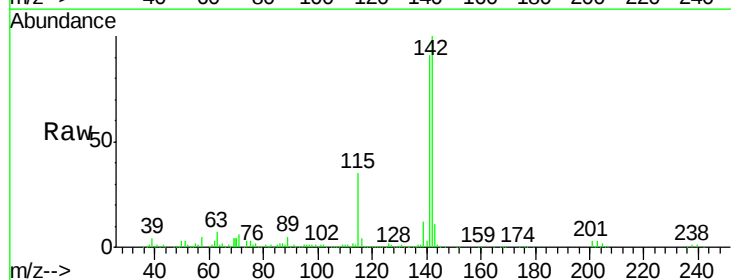
Instrument :
BNA_F
ClientSampleId :

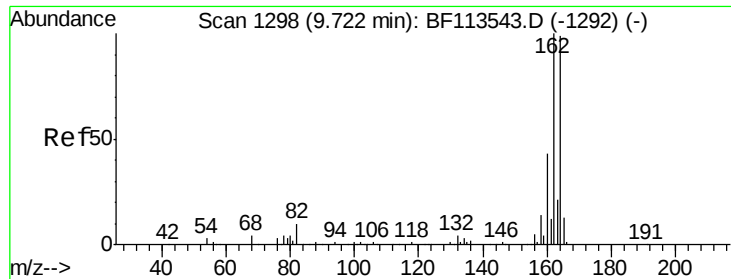
Tot Ion:142 Resp: 439786
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6
115 31.8 26.6 39.8



#38
1-Methylnaphthalene
Concen: 31.298 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:142 Resp: 411495
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8
116 3.7 3.0 4.4

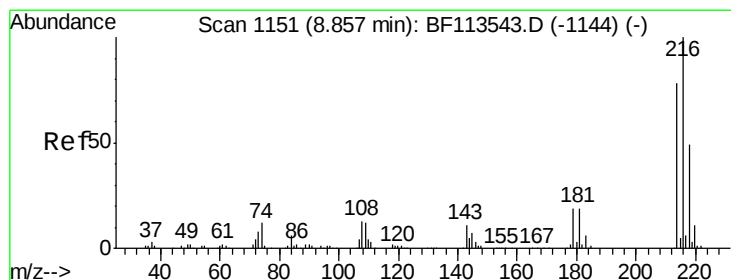
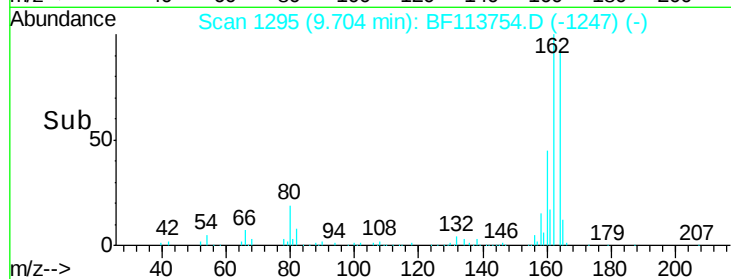
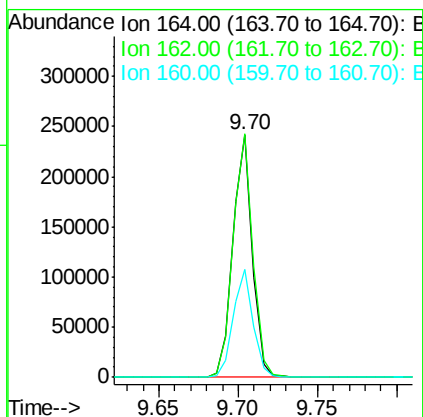
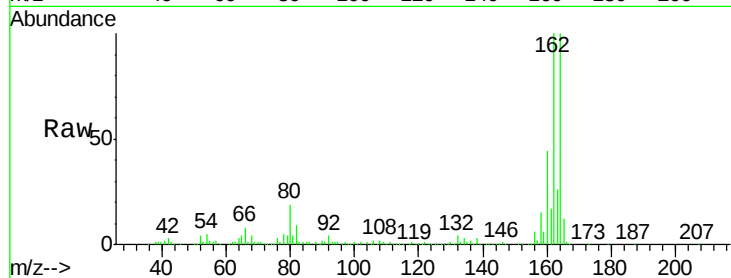




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

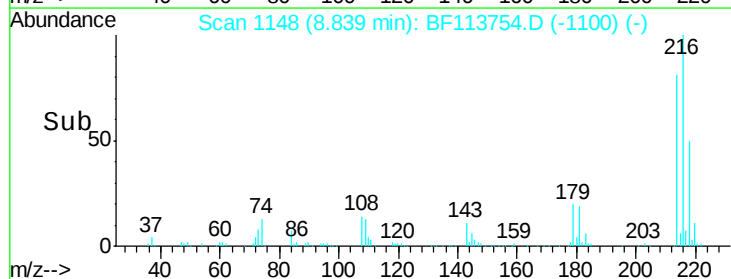
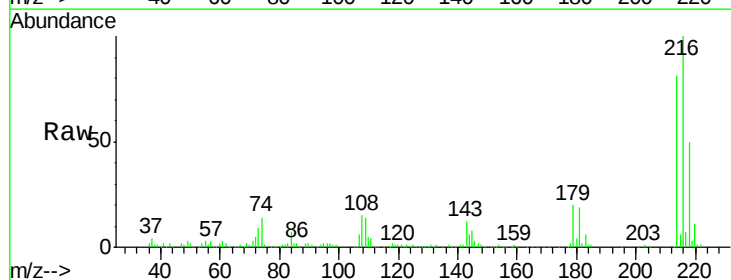
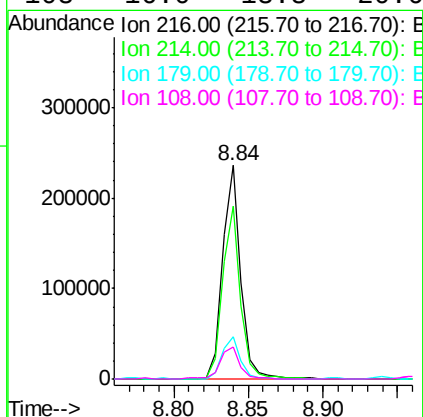
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.6
160	44.6	36.4	54.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.579 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.6
179	20.8	16.8	25.2
108	16.0	13.8	20.6

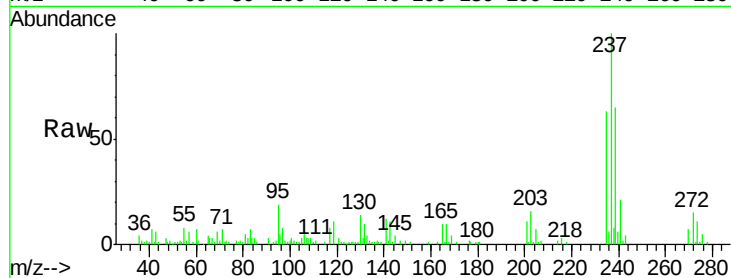




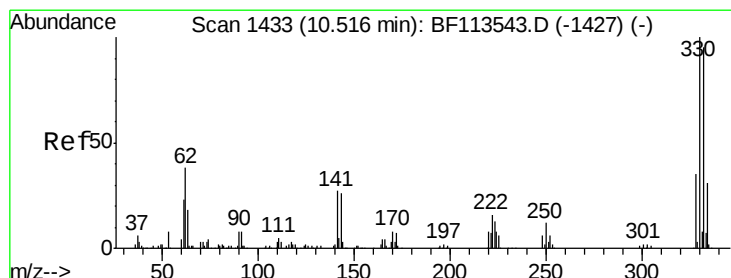
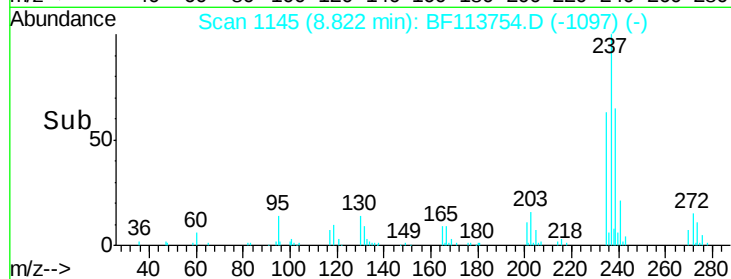
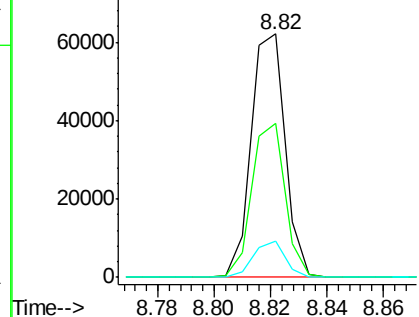
#41
Hexachlorocyclopentadiene
Concen: 32.097 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 52127
Ion Ratio Lower Upper
237 100
235 63.2 43.4 83.4
272 14.8 0.0 33.7

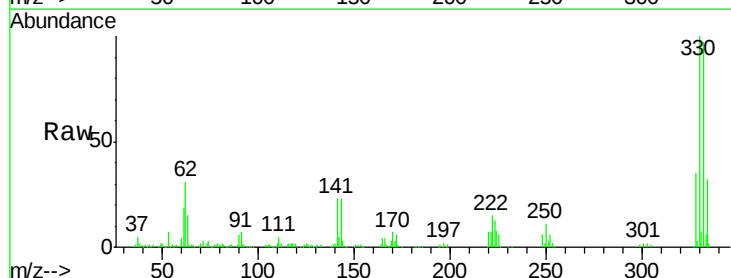


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

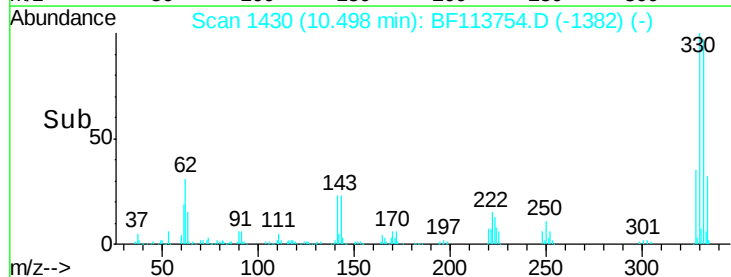
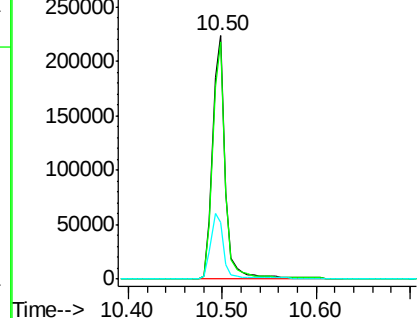


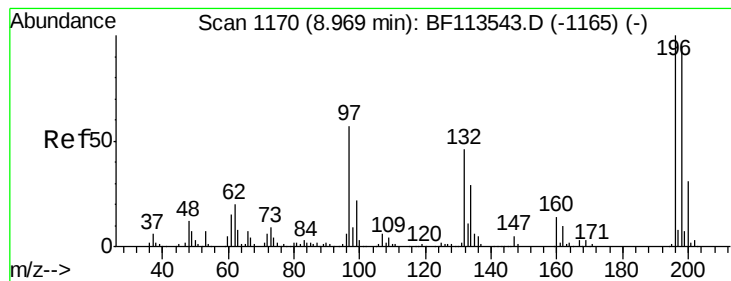
#42
2,4,6-Tribromophenol
Concen: 87.948 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:330 Resp: 216388
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 27.6 22.7 34.1



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: 29.945 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampled :

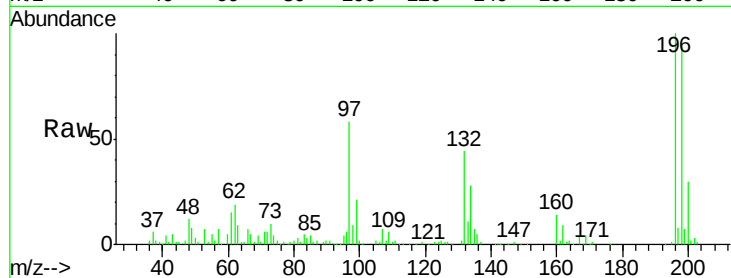
Tot Ion:196 Resp: 125208

Ion Ratio Lower Upper

196 100

198 93.8 77.7 116.5

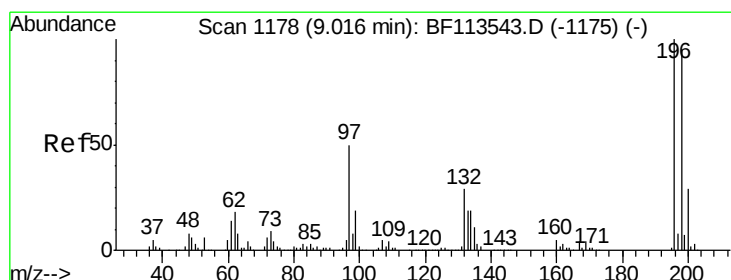
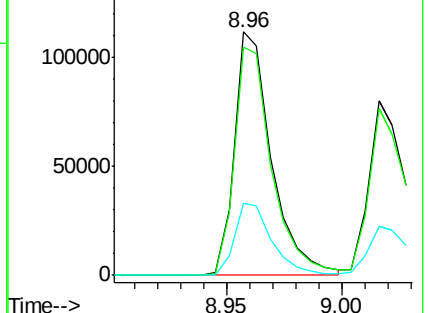
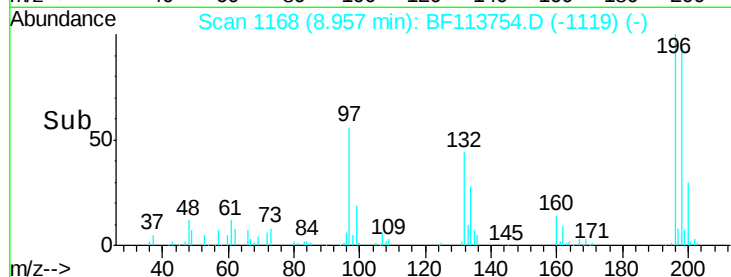
200 29.8 24.9 37.3



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: 27.193 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Tgt Ion:196 Resp: 122068

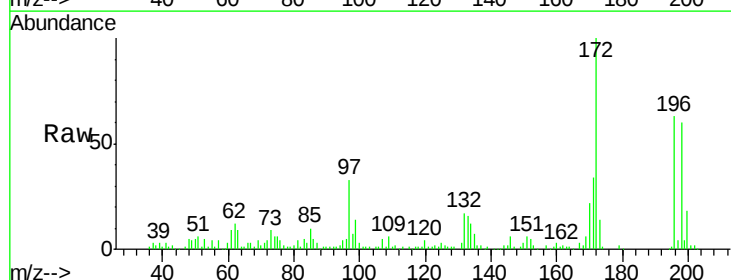
Ion Ratio Lower Upper

196 100

198 95.8 75.4 113.2

97 53.3 38.6 58.0

132 27.2 22.9 34.3

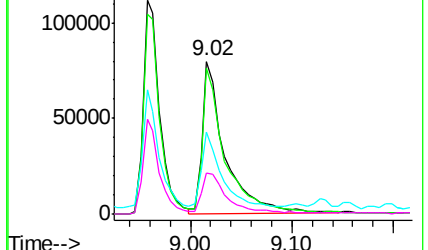
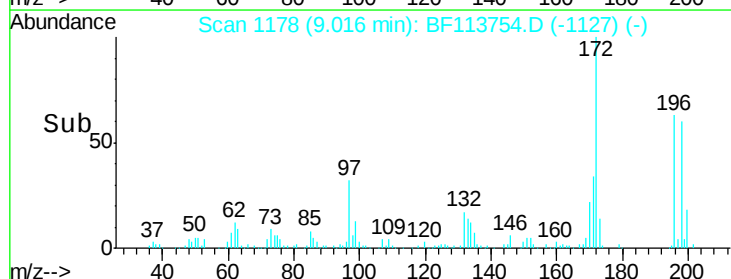


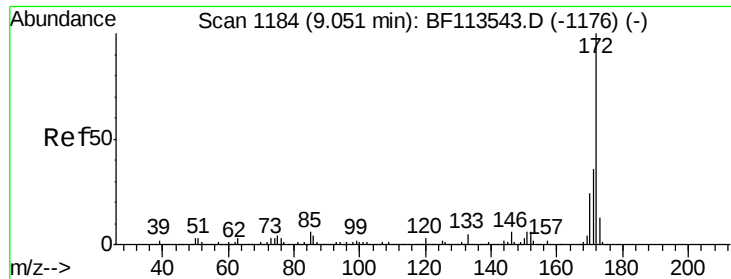
Abundance Ion 196.00 (195.70 to 196.70): E

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

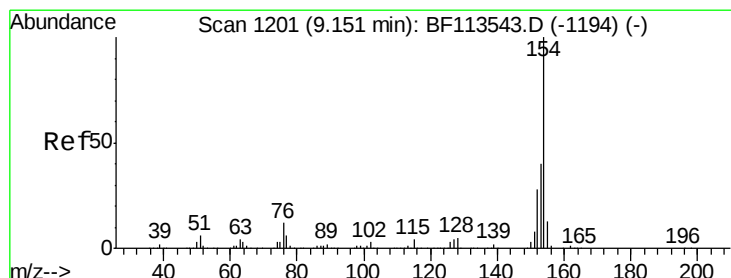
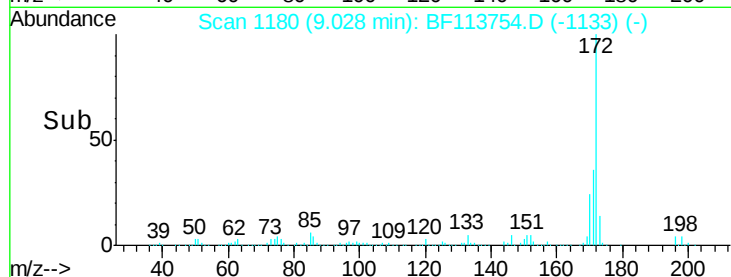
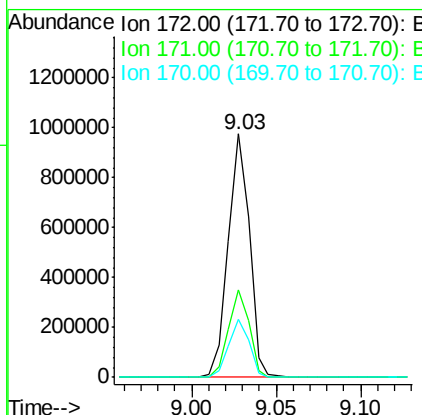
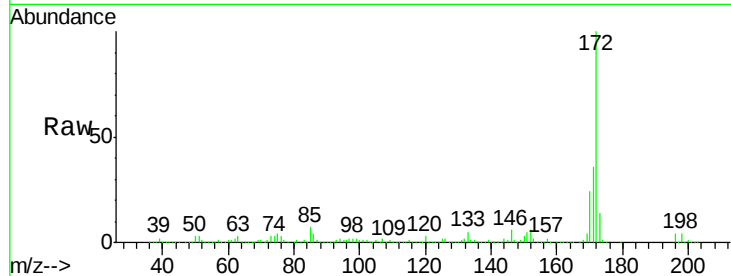




#45
2-Fluorobiphenyl
Concen: 66.994 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

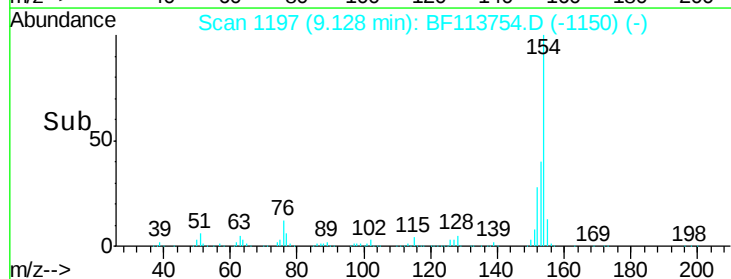
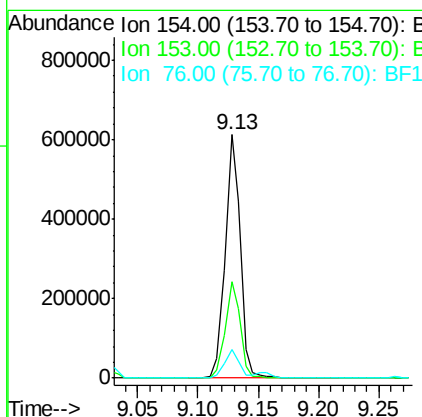
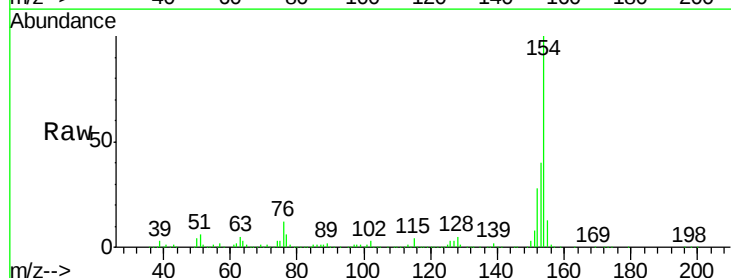
Instrument :
BNA_F
ClientSampleId :

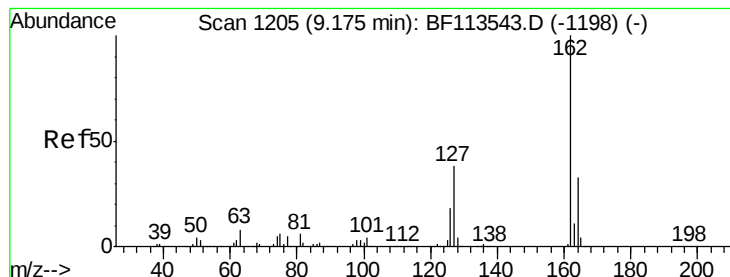
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.9	19.5	29.3



#46
1,1'-Biphenyl
Concen: 31.258 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.8	60.8
76	12.0	0.0	31.9





#47

2-Chloronaphthalene

Concen: 30.965 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampled :

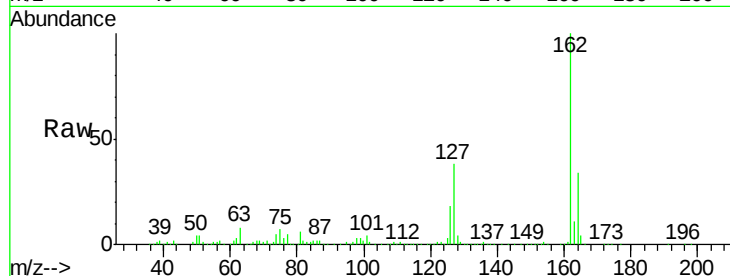
Tot Ion:162 Resp: 396252

Ion Ratio Lower Upper

162 100

127 38.2 32.6 49.0

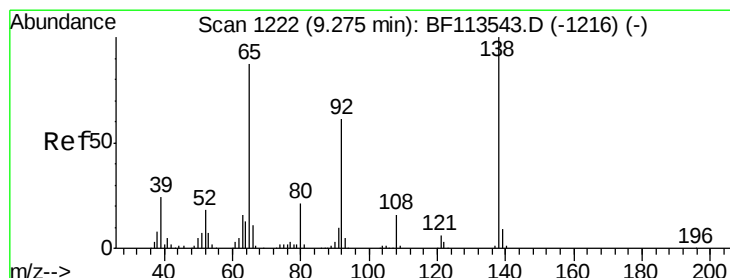
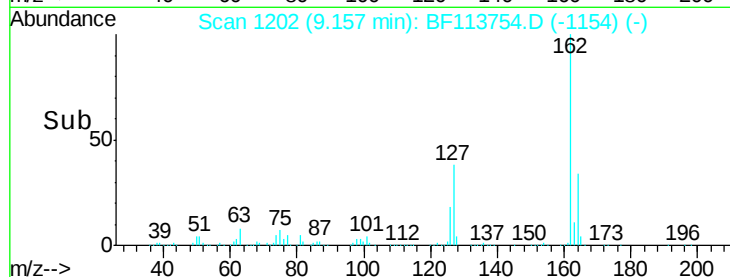
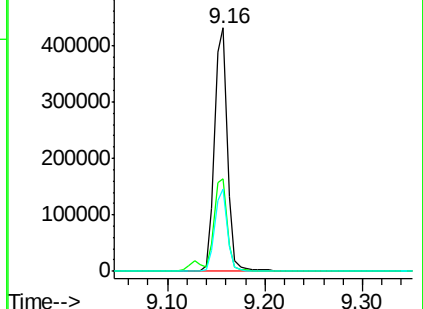
164 33.6 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 30.527 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

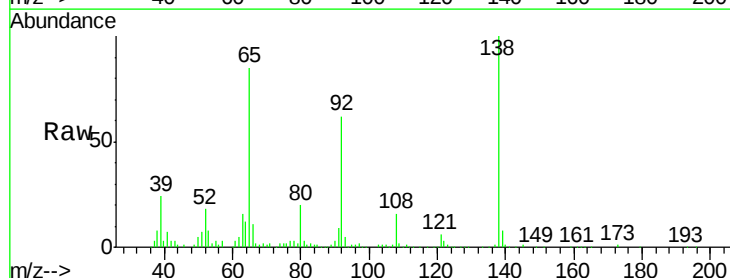
Tgt Ion: 65 Resp: 119537

Ion Ratio Lower Upper

65 100

92 72.5 56.8 85.2

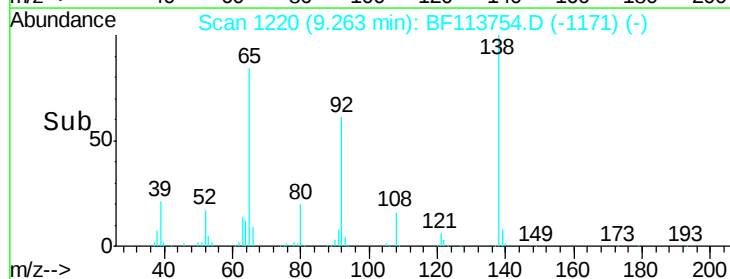
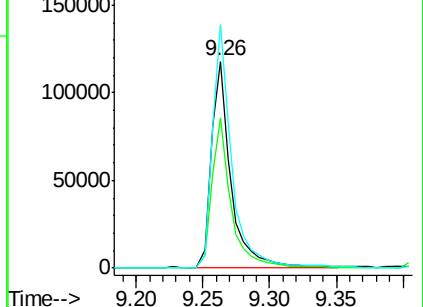
138 117.7 92.3 138.5

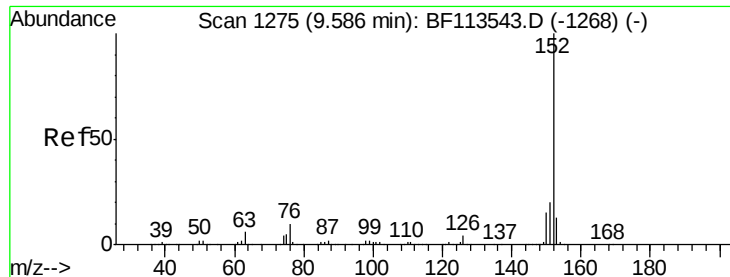


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 30.757 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

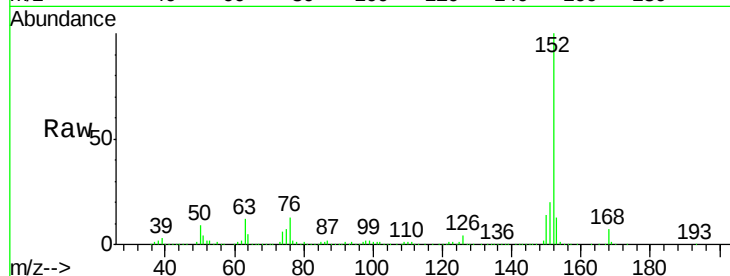
Tot Ion:152 Resp: 640035

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

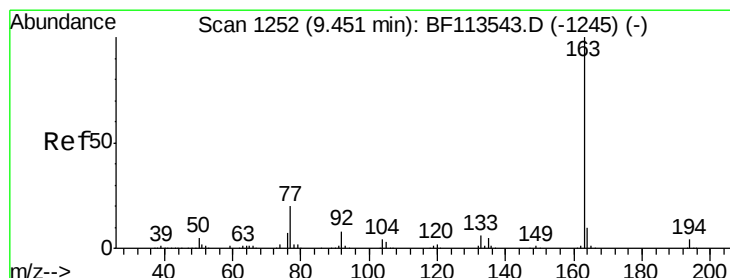
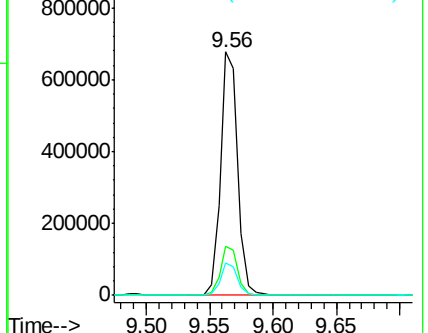
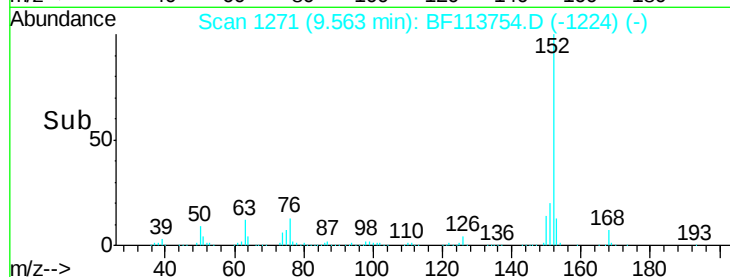
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.903 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

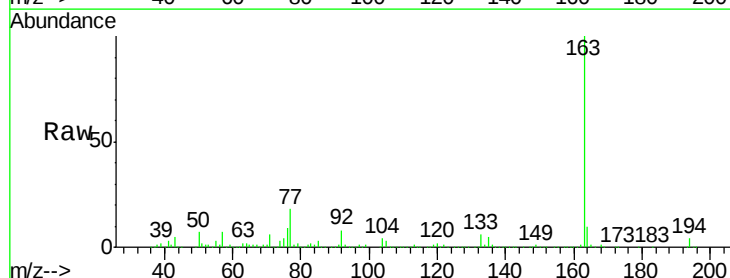
Tgt Ion:163 Resp: 526968

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

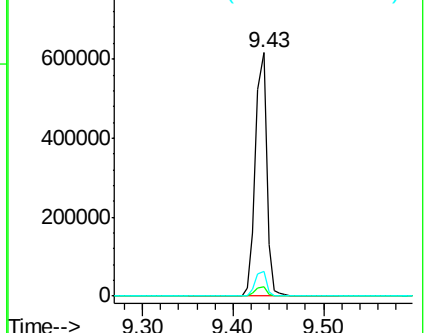
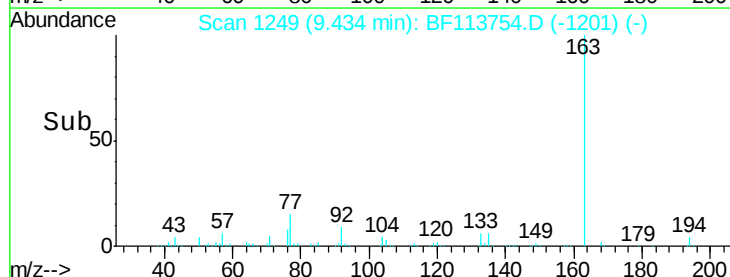
164 10.0 8.1 12.1

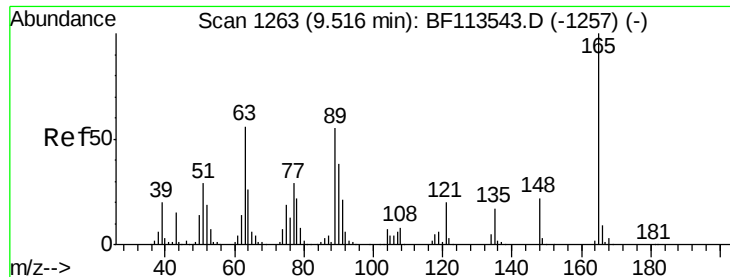


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.985 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

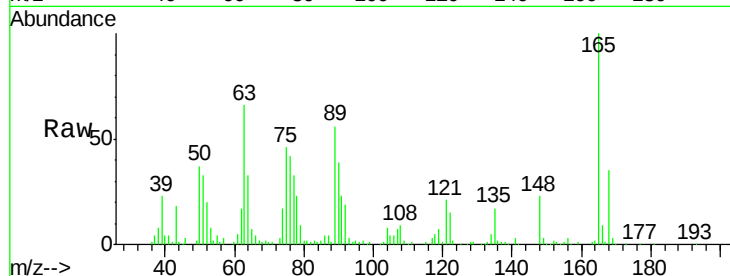
Tot Ion:165 Resp: 99792

Ion Ratio Lower Upper

165 100

63 65.9 43.4 65.0#

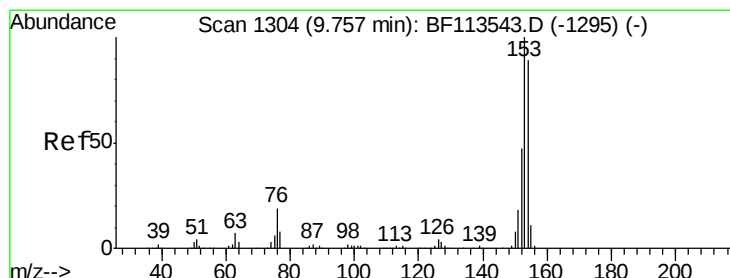
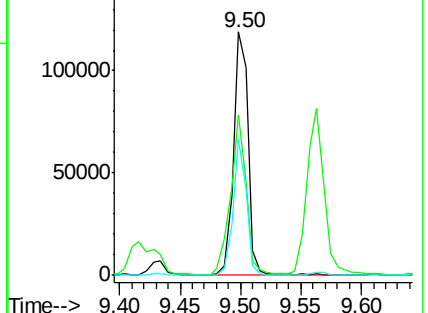
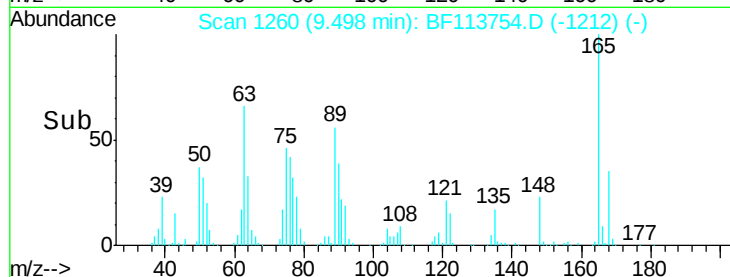
89 55.9 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 31.164 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

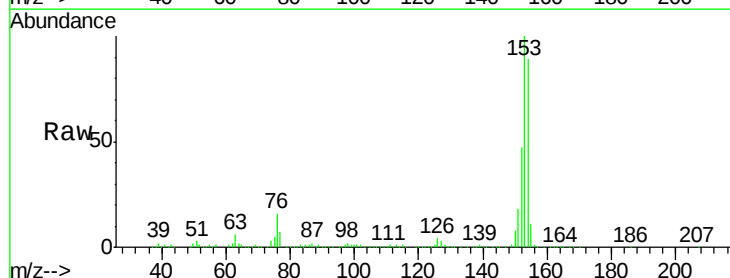
Tgt Ion:154 Resp: 371215

Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

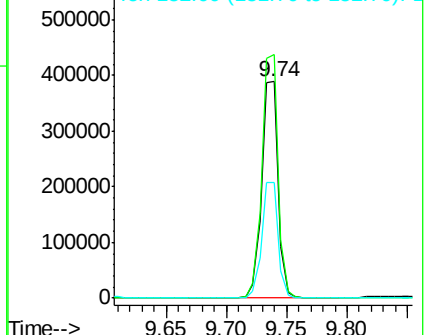
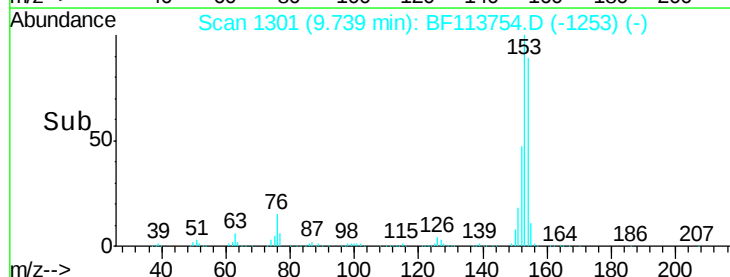
152 53.4 43.3 64.9

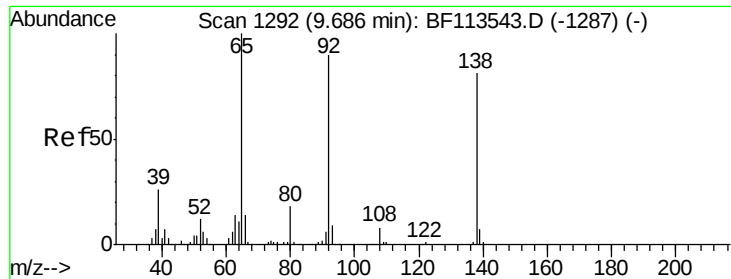


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

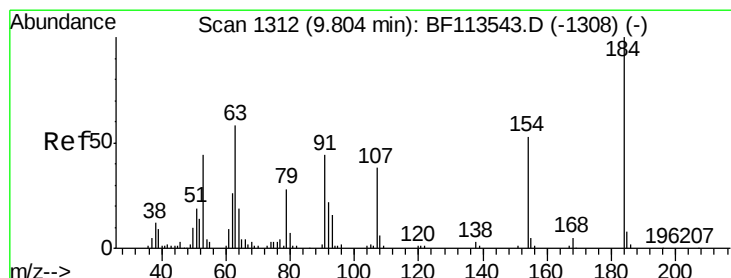
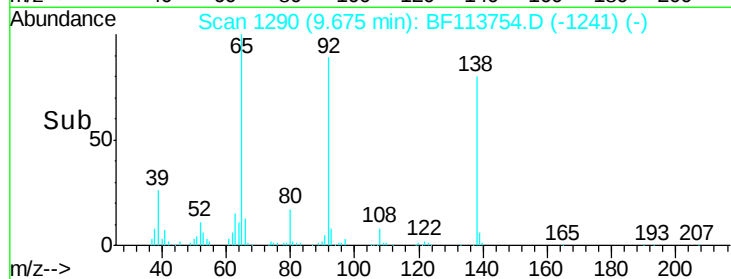
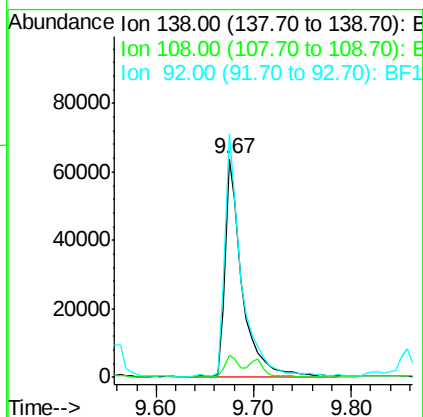
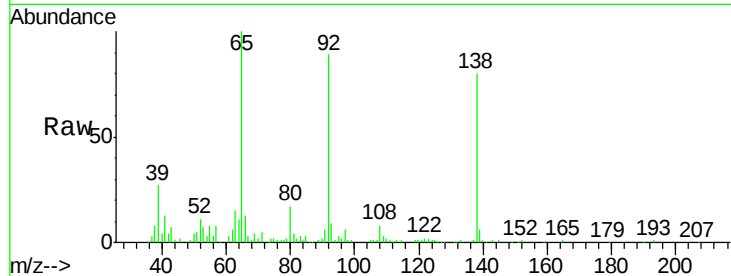




#53
3-Nitroaniline
Concen: 20.665 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

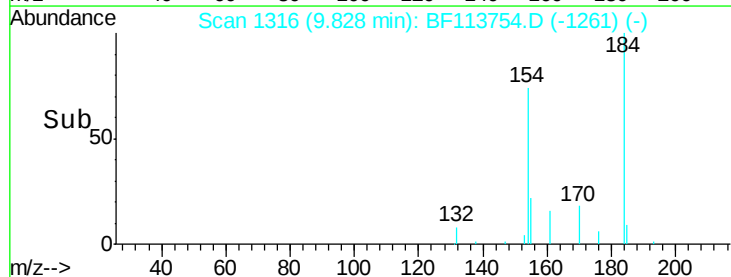
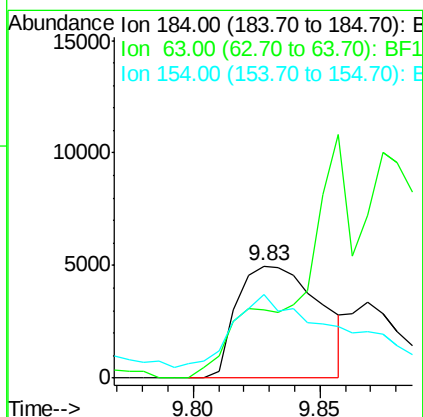
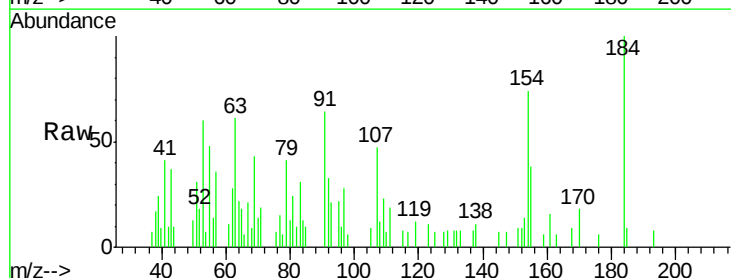
Instrument :
BNA_F
ClientSampleId :

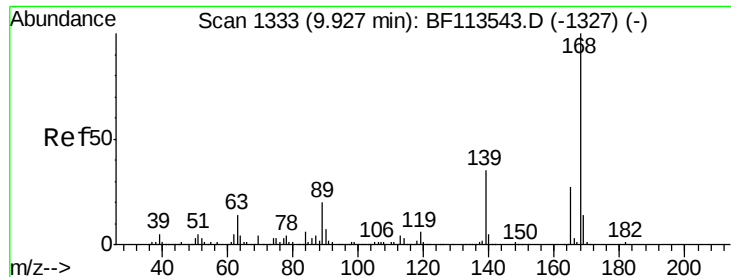
Tot Ion:138 Resp: 78191
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 111.4 82.6 124.0



#54
2,4-Dinitrophenol
Concen: 7.308 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:184 Resp: 11378
Ion Ratio Lower Upper
184 100
63 61.0 54.3 81.5
154 74.0 48.4 72.6#

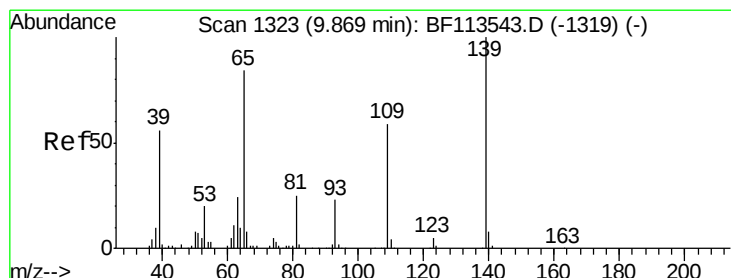
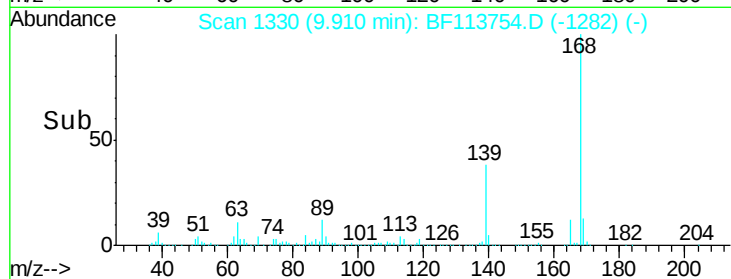
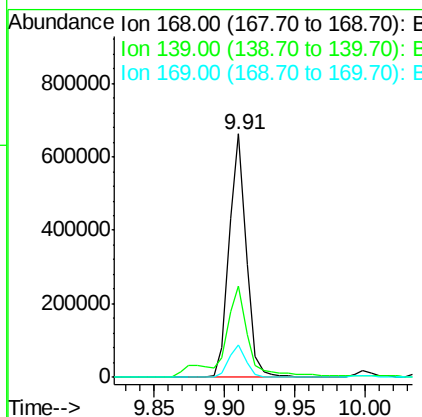
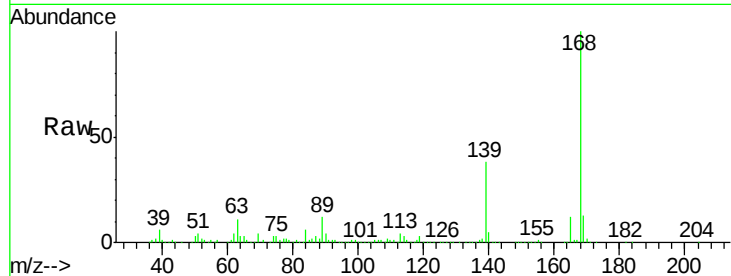




#55
Dibenzofuran
Concen: 32.016 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

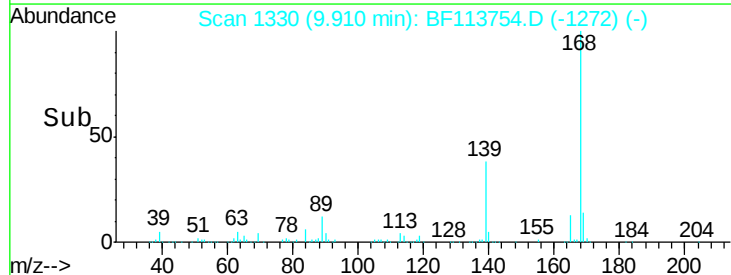
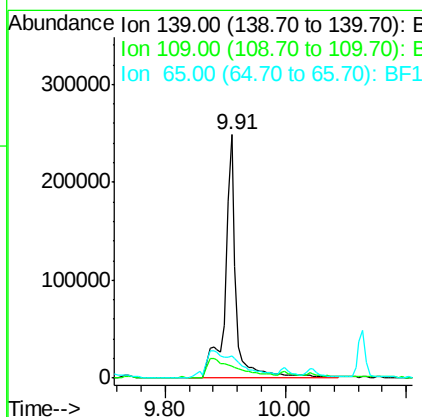
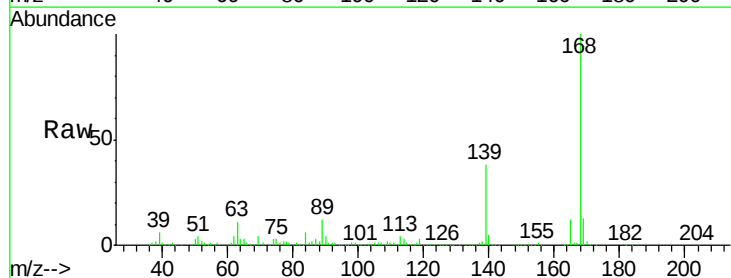
Instrument :
BNA_F
ClientSampleId :

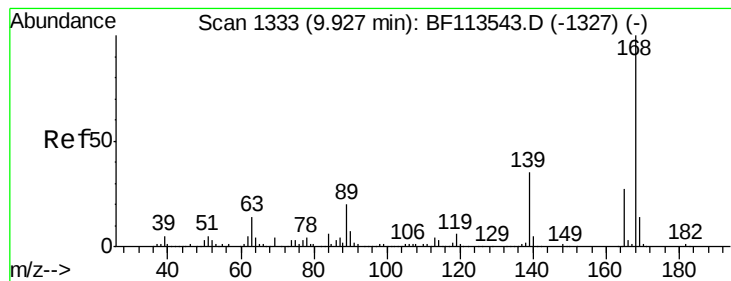
Tot Ion:168 Resp: 559433
Ion Ratio Lower Upper
168 100
139 37.5 29.7 44.5
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 135.625 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.04 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:139 Resp: 318338
Ion Ratio Lower Upper
139 100
109 5.0 46.9 86.9#
65 9.0 77.2 117.2#

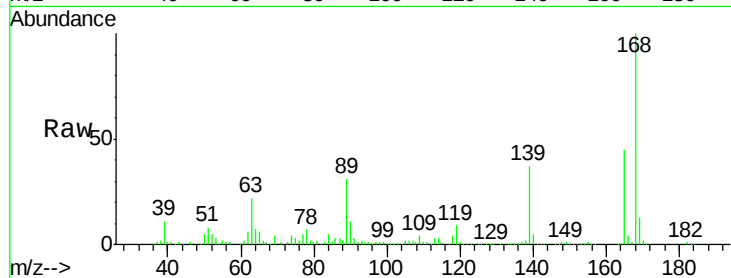




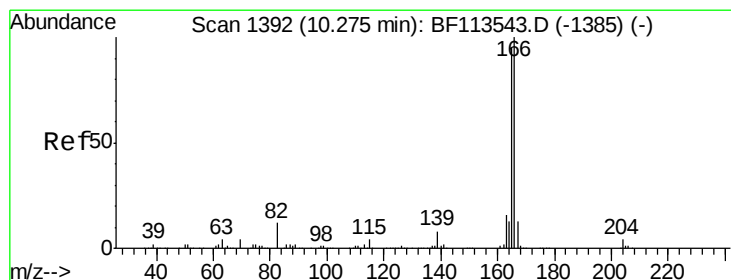
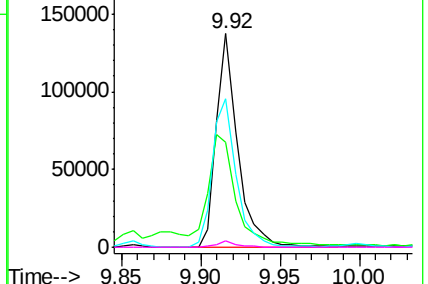
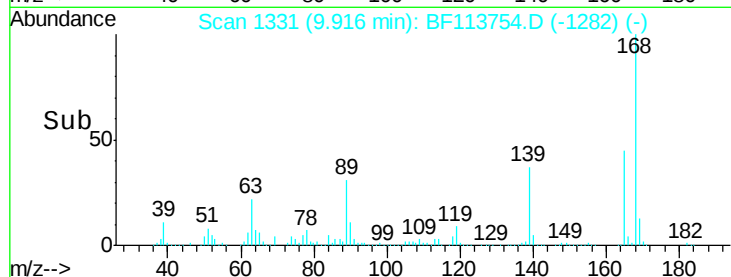
#57
 2,4-Dinitrotoluene
 Concen: 32.207 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 129634
 Ion Ratio Lower Upper
 165 100
 63 48.9 37.5 56.3
 89 69.3 57.4 86.2
 182 2.7 2.0 3.0

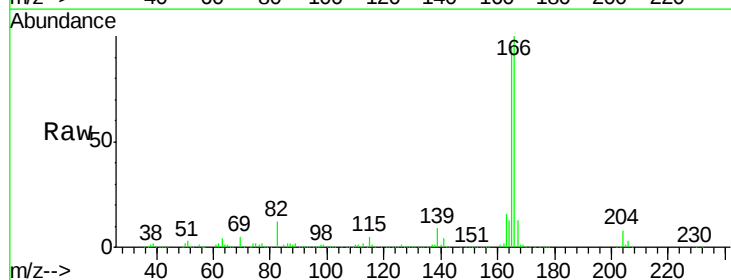


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

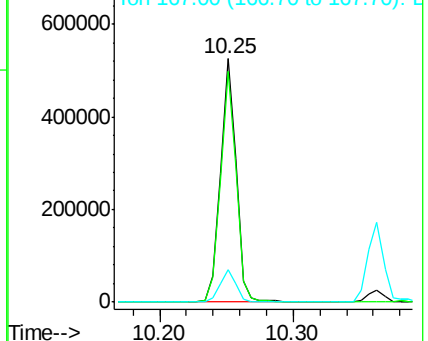
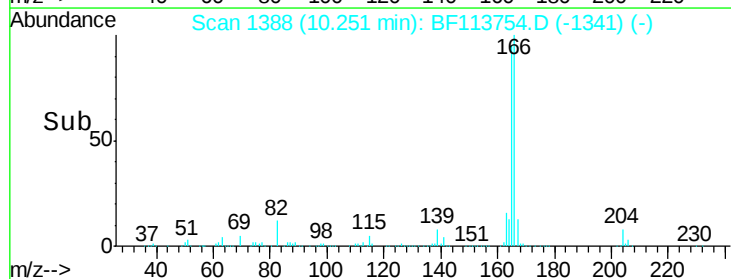


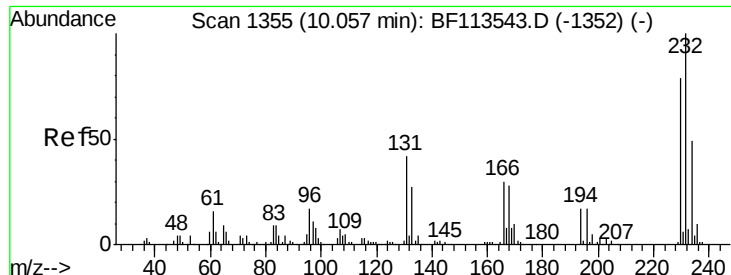
#58
 Fluorene
 Concen: 31.741 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Tgt Ion:166 Resp: 438659
 Ion Ratio Lower Upper
 166 100
 165 94.9 76.2 114.2
 167 13.5 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

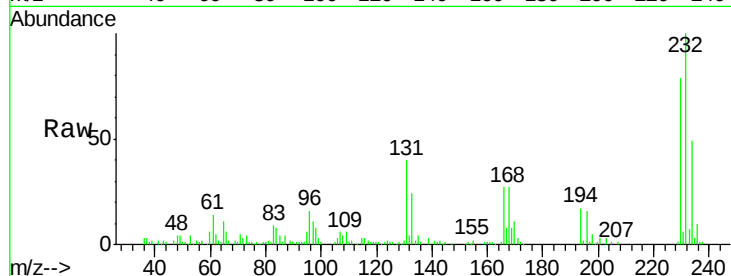




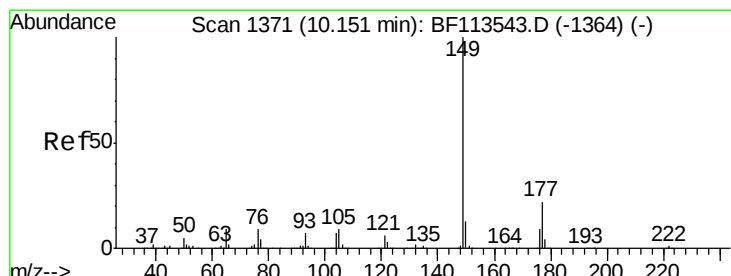
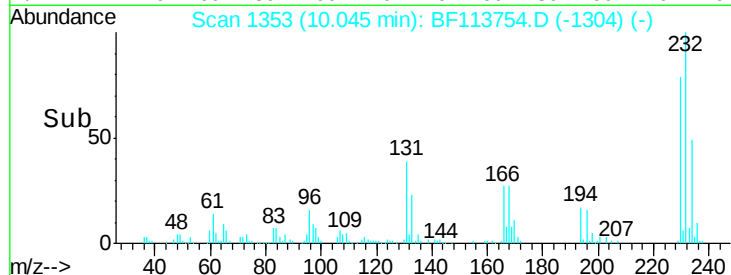
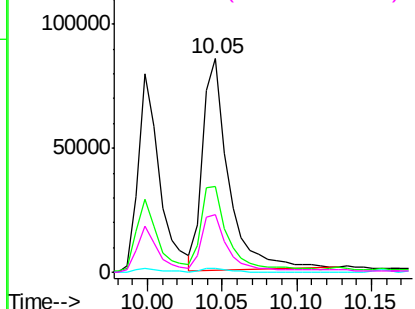
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 26.119 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	101491
Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.2	49.8
130	2.1	1.6	2.4
166	26.7	21.0	31.6

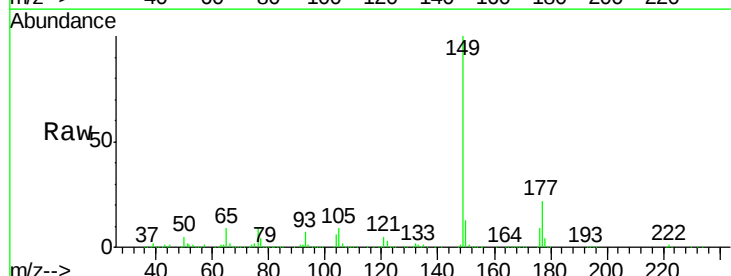


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

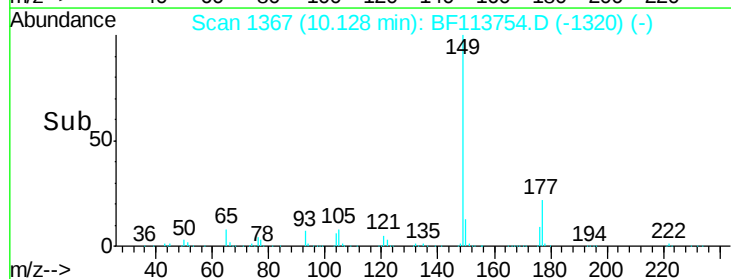
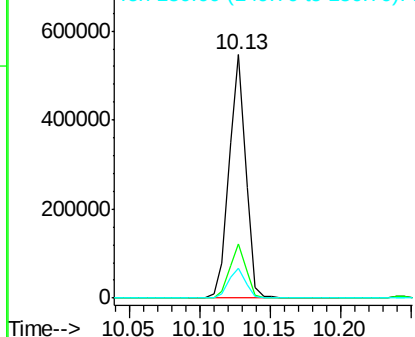


#60
 Diethylphthalate
 Concen: 30.759 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Tgt Ion:	149	Resp:	447750
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.0
150	12.5	10.0	15.0



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

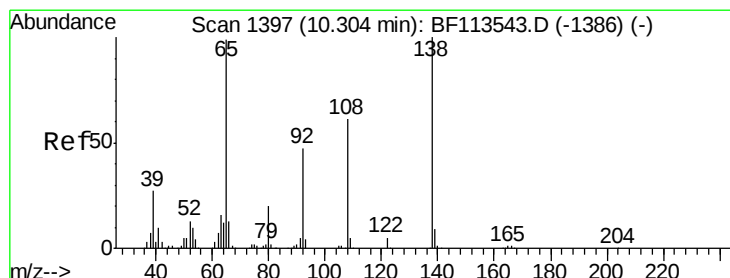
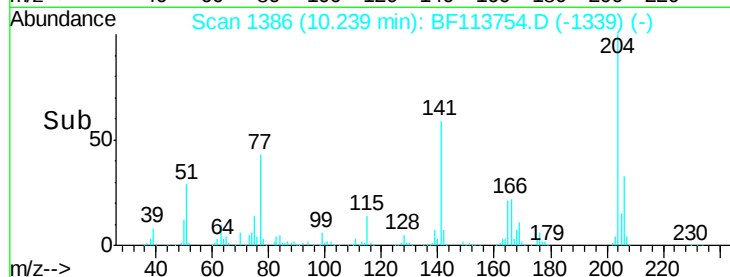
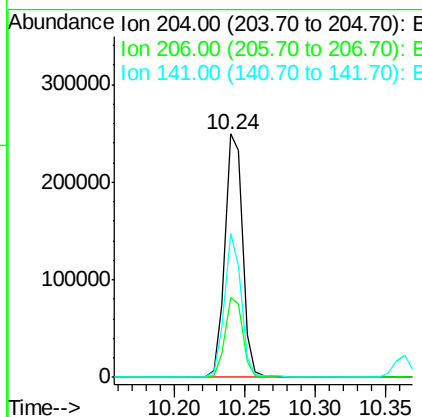
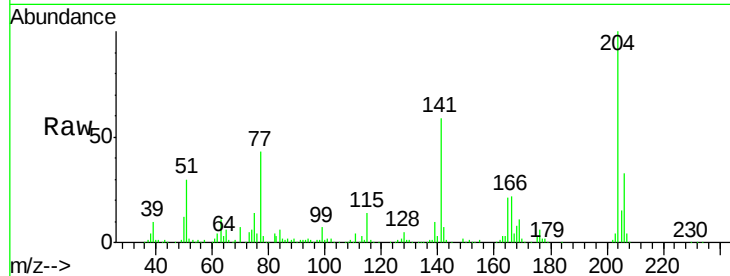




#61
 4-Chlorophenyl-phenylether
 Concen: 32.130 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

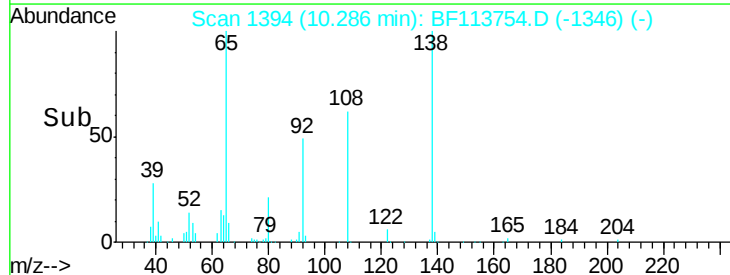
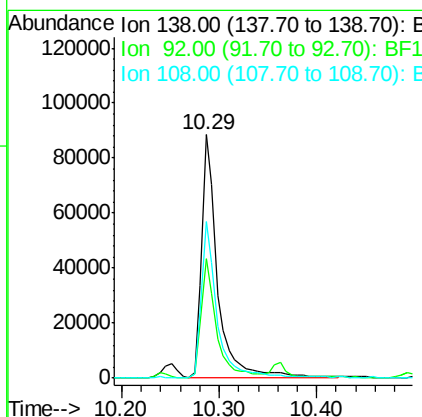
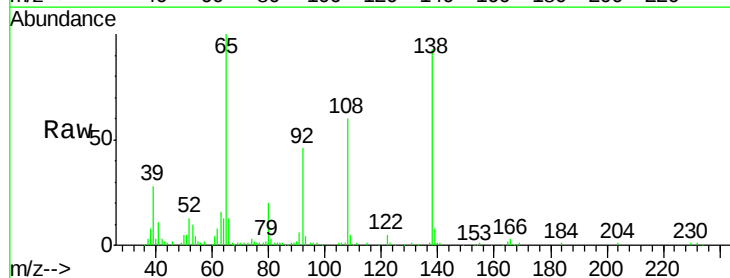
Instrument :
 BNA_F
 ClientSampleId :

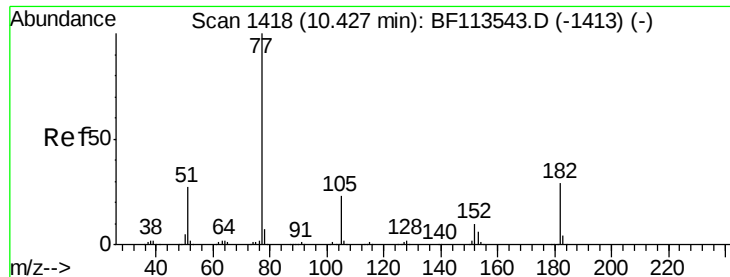
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.9	40.3
141	58.9	48.8	73.2



#62
 4-Nitroaniline
 Concen: 25.991 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	25.8	65.8
108	64.6	44.0	84.0

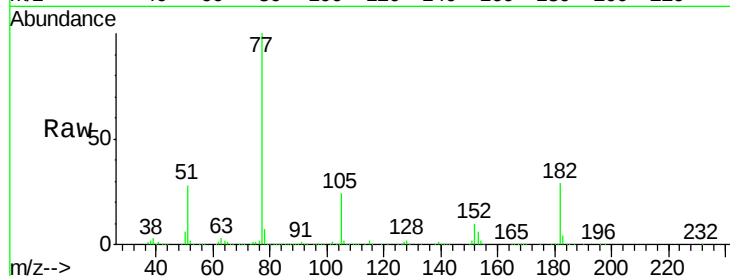




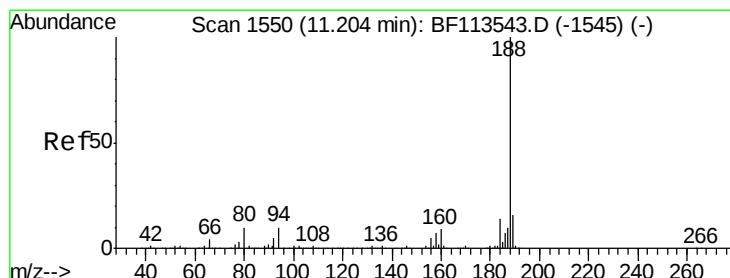
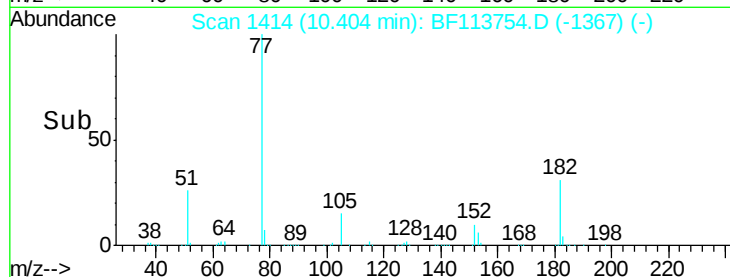
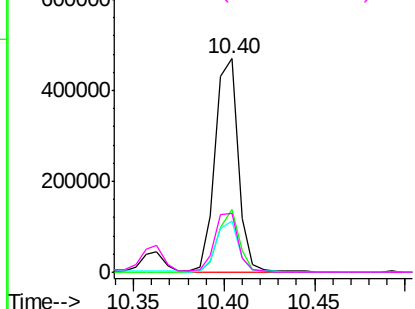
#63
Azobenzene
Concen: 30.027 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	413857
Ion	Ratio	Lower	Upper
77	100		
182	29.5	8.7	48.7
105	23.9	2.9	42.9
51	27.8	8.8	48.8

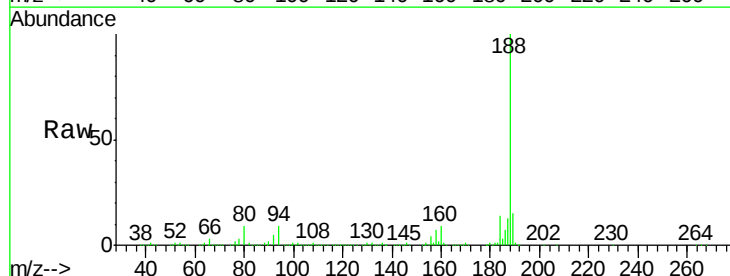


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

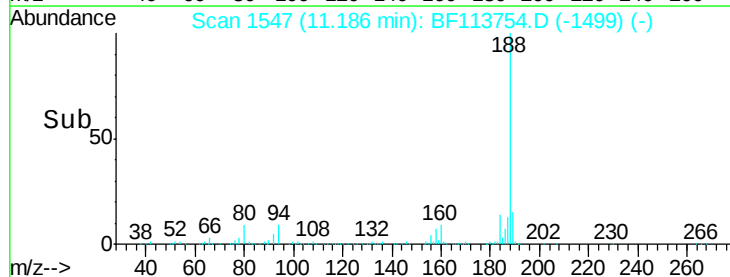
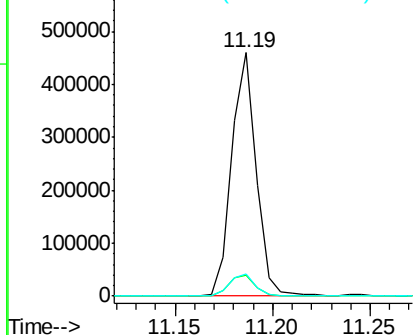


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:	188	Resp:	400376
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.9	7.7	11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 13.880 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

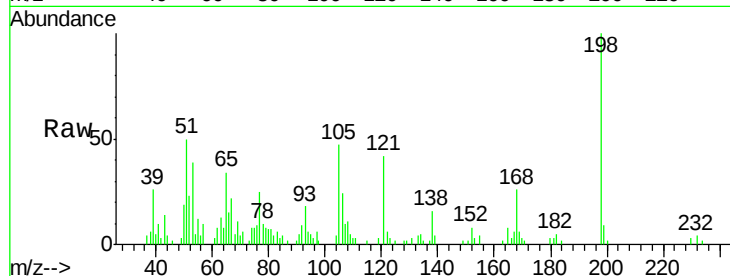
Tot Ion:198 Resp: 29256

Ion	Ratio	Lower	Upper
198	100		
51	49.7	21.6	61.6
105	47.1	20.6	60.6

198 100

51 49.7 21.6 61.6

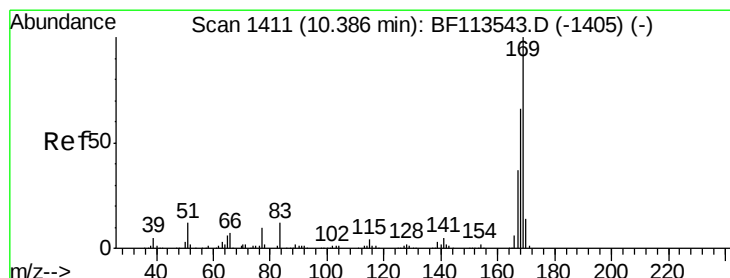
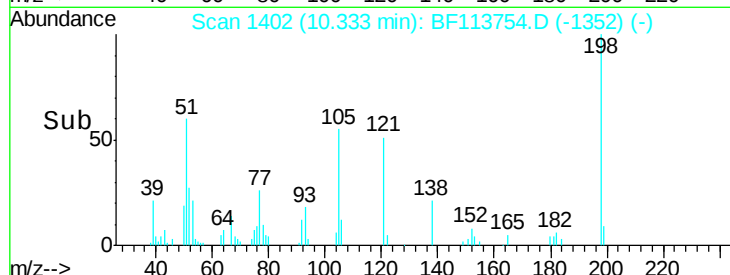
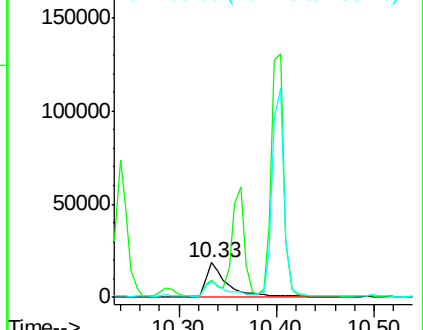
105 47.1 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.769 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

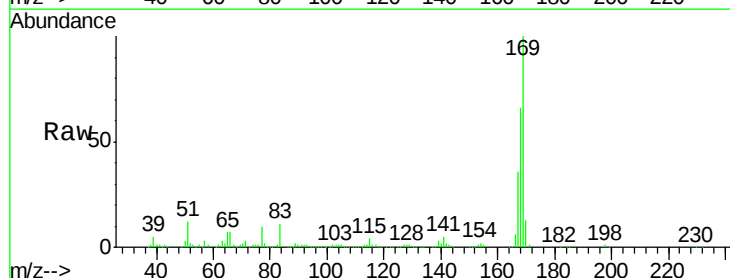
Tgt Ion:169 Resp: 390482

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.7	80.5
167	36.2	29.5	44.3

169 100

168 66.1 53.7 80.5

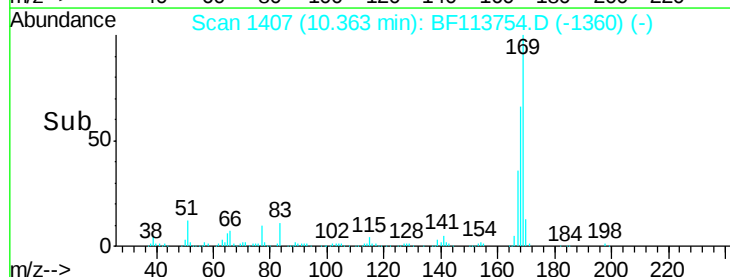
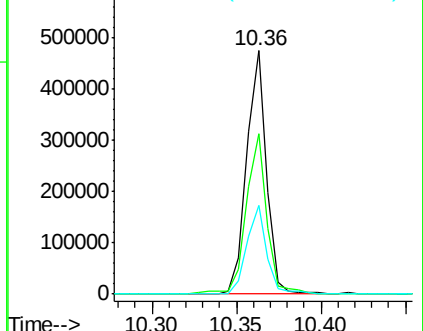
167 36.2 29.5 44.3

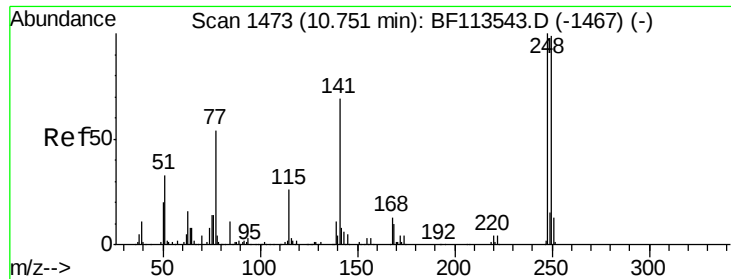


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

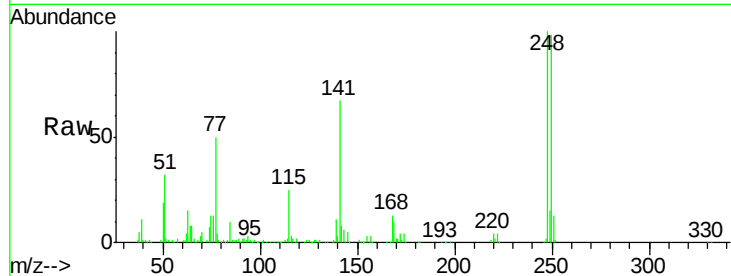




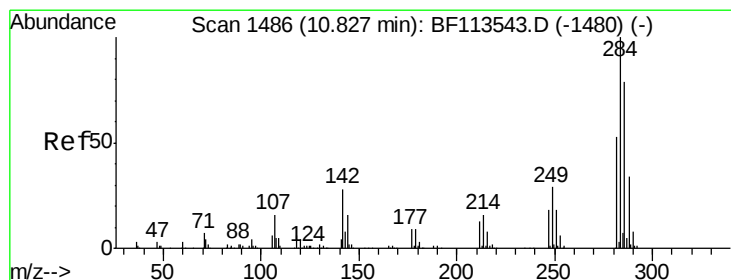
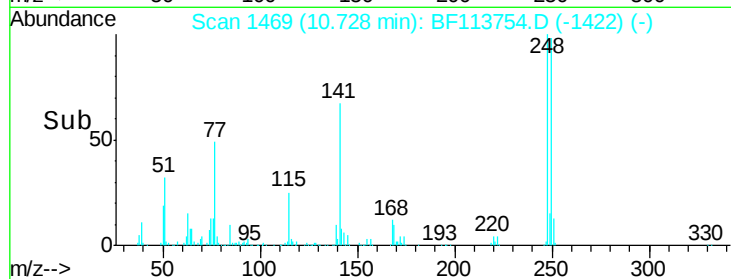
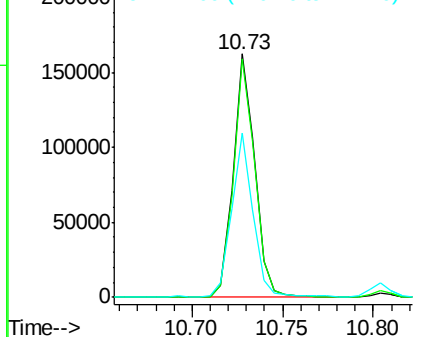
#67
4-Bromophenyl-phenylether
Concen: 30.166 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 135459
Ion Ratio Lower Upper
248 100
250 98.1 78.3 117.5
141 67.2 56.2 84.4

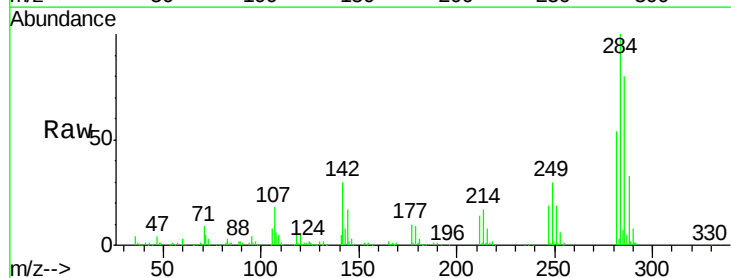


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

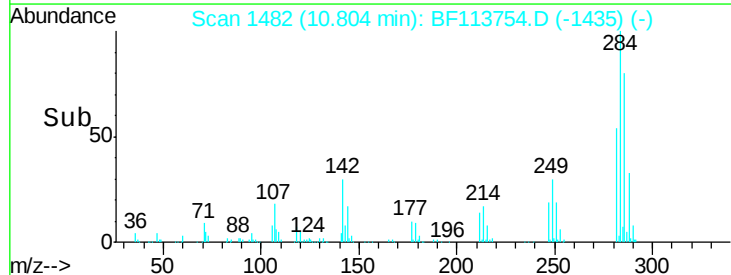
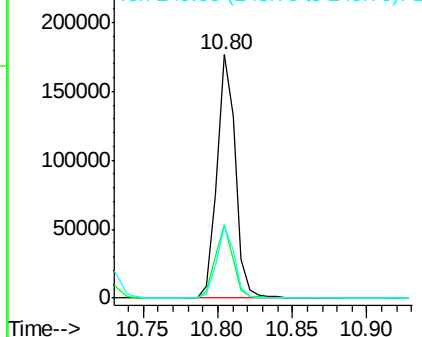


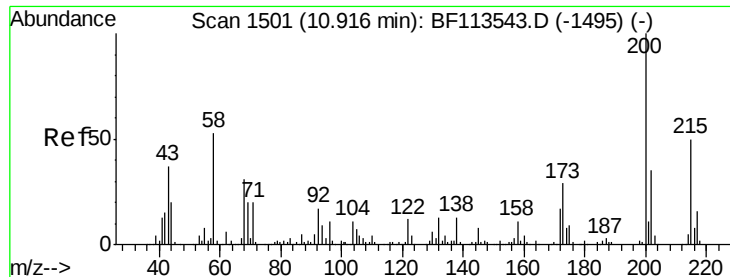
#68
Hexachlorobenzene
Concen: 29.795 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:284 Resp: 153300
Ion Ratio Lower Upper
284 100
142 30.1 20.1 30.1#
249 29.6 22.7 34.1



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





#69

Atrazine

Concen: 30.152 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

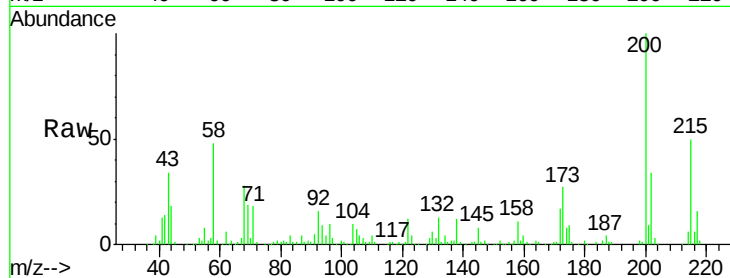
Tot Ion:200 Resp: 116812

Ion Ratio Lower Upper

200 100

173 27.2 6.0 46.0

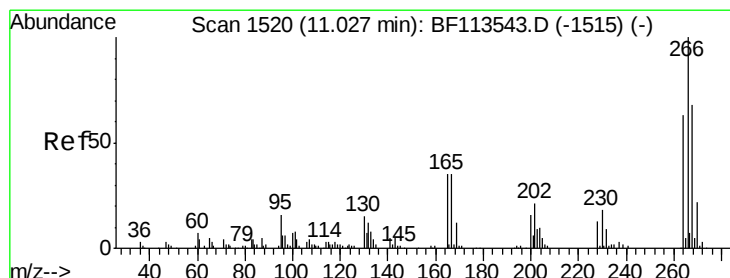
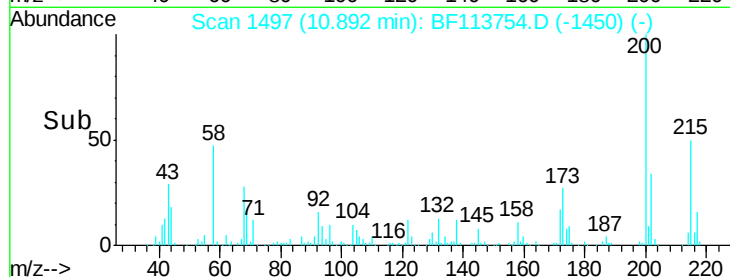
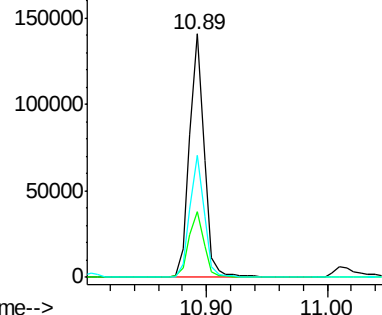
215 49.9 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 31.461 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

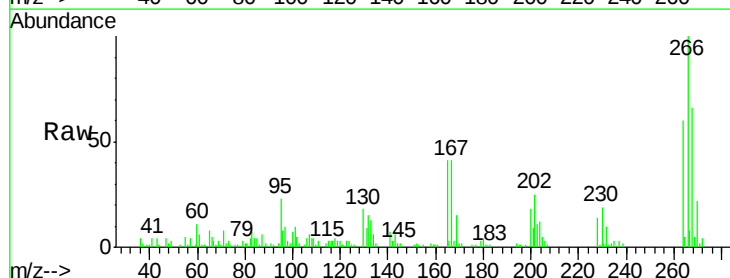
Tgt Ion:266 Resp: 76275

Ion Ratio Lower Upper

266 100

268 65.7 53.8 80.6

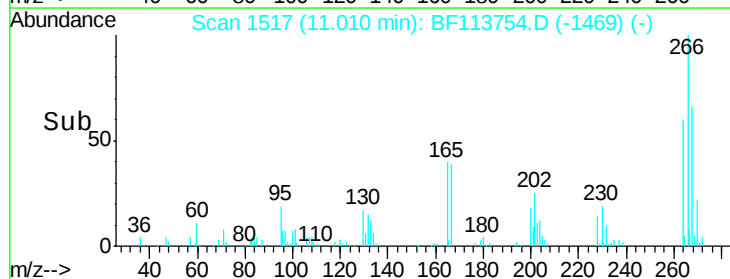
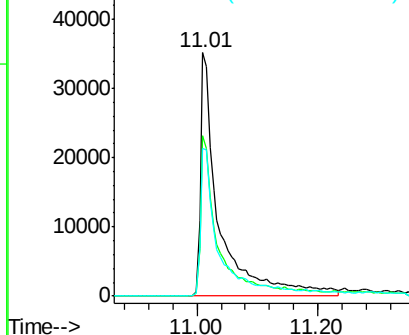
264 65.2 49.2 73.8

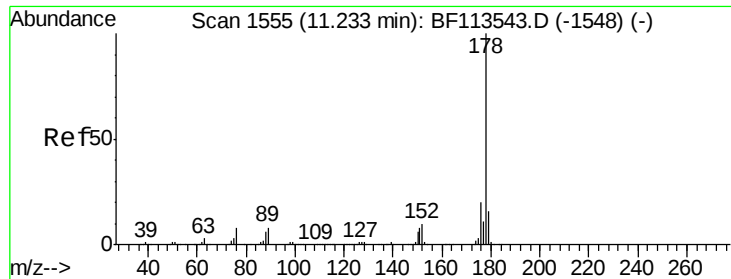


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

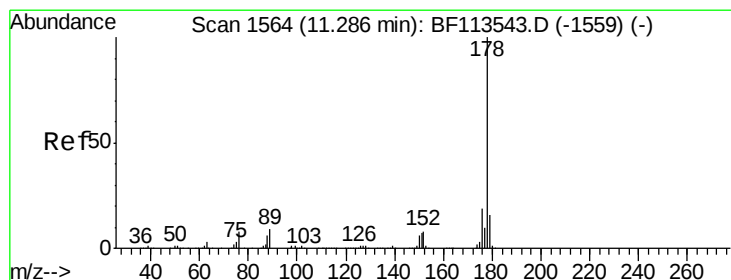
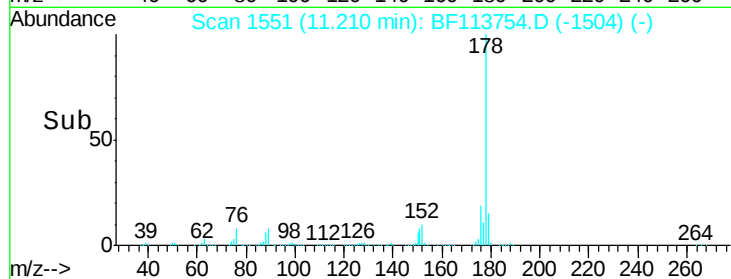
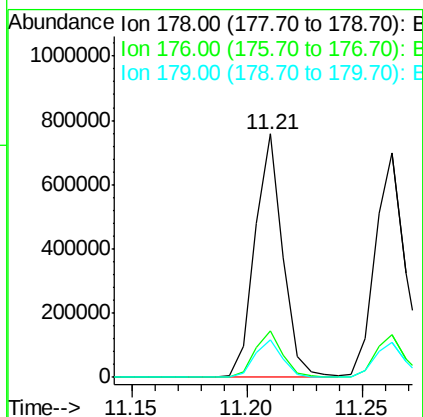
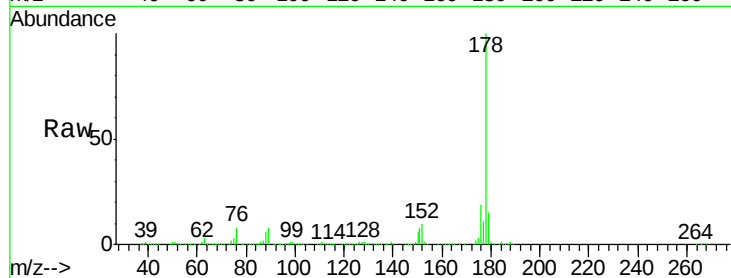




#71
Phenanthrene
Concen: 32.093 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

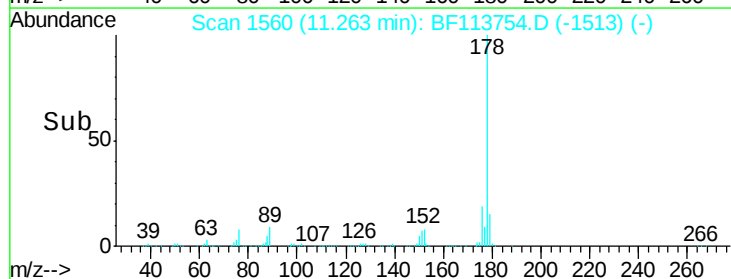
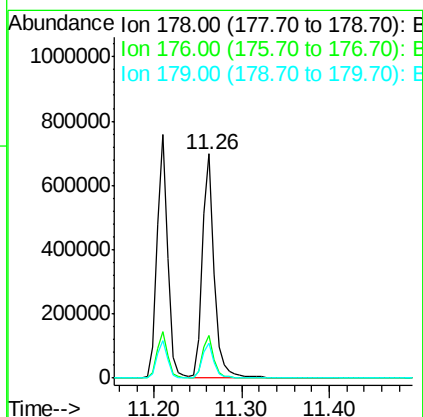
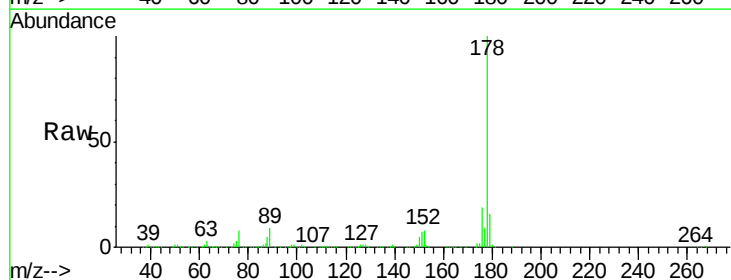
Instrument :
BNA_F
ClientSampleId :

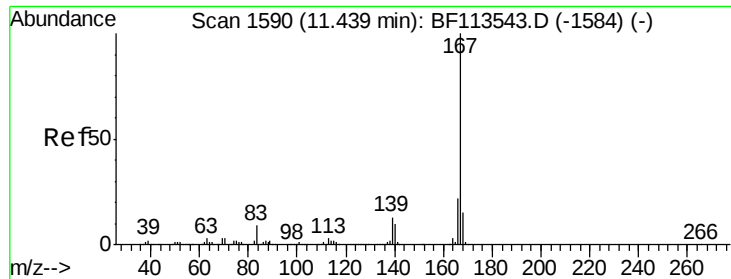
Tot Ion:178 Resp: 638483
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 15.4 12.7 19.1



#72
Anthracene
Concen: 32.638 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:178 Resp: 660654
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.8 19.2

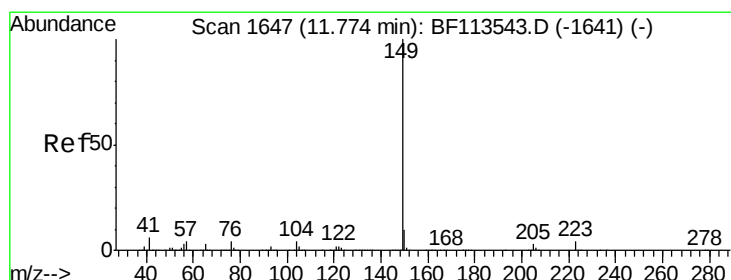
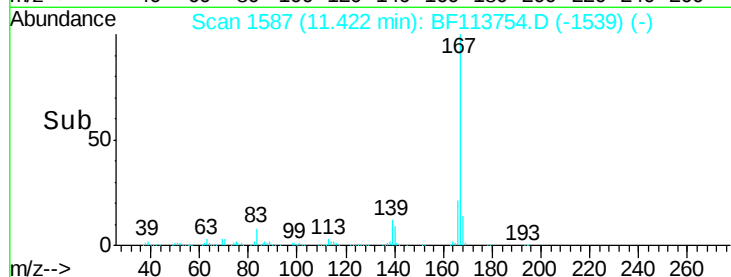
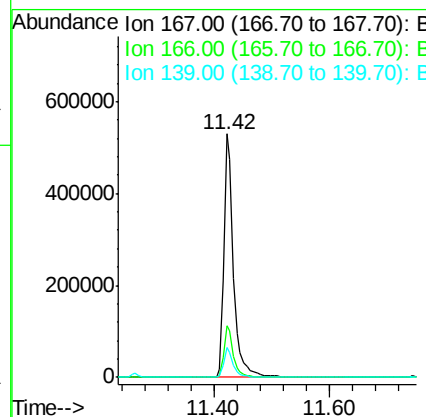
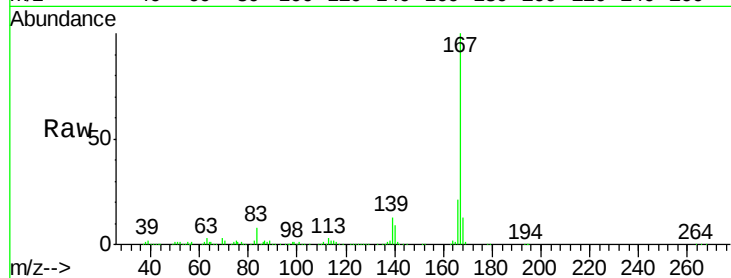




#73
 Carbazole
 Concen: 32.276 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

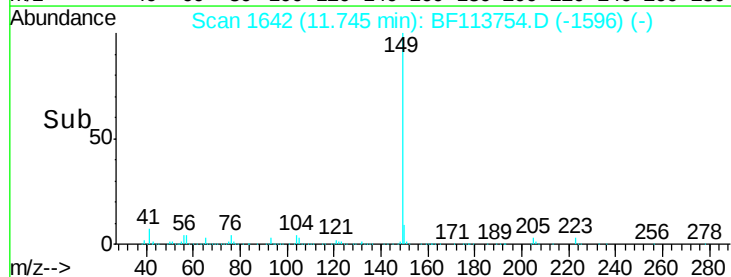
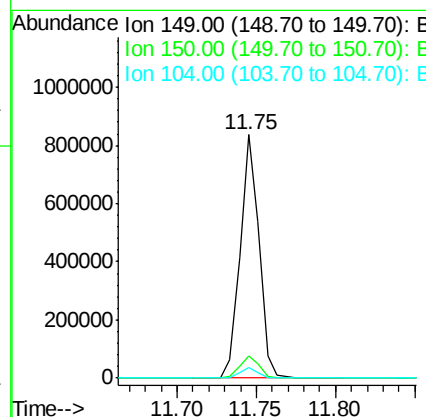
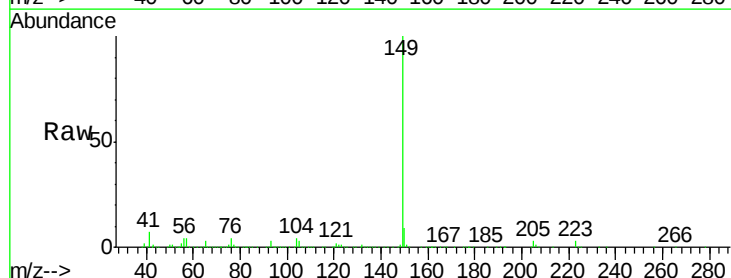
Instrument :
 BNA_F
 ClientSampleId :

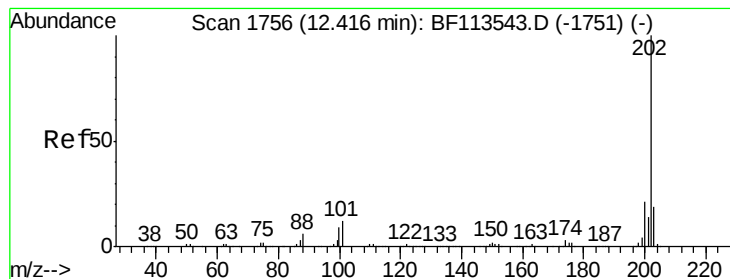
Tot Ion:167 Resp: 611034
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.5 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 30.691 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BF113754.D
 Acq: 12 Apr 2019 22:52

Tgt Ion:149 Resp: 691177
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.2 3.7 5.5





#75

Fluoranthene

Concen: 30.966 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

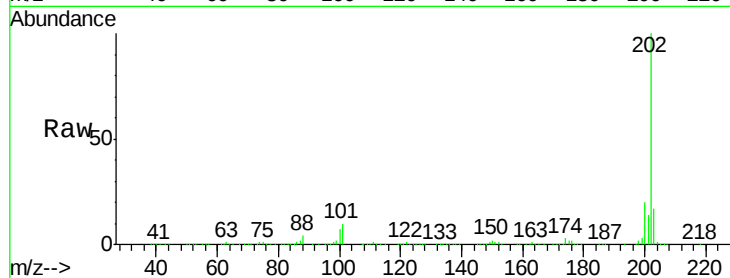
Tot Ion:202 Resp: 660167

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.4

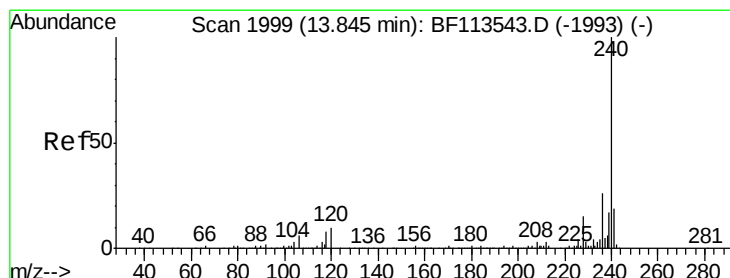
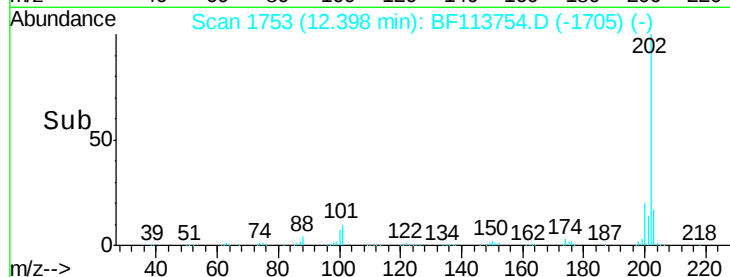
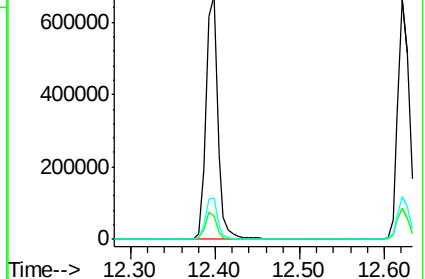
203 17.2 0.0 38.0



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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

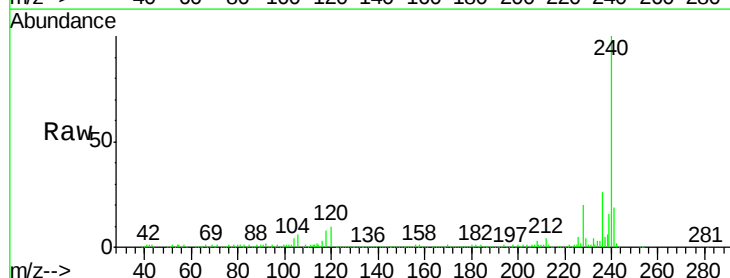
Tgt Ion:240 Resp: 288876

Ion Ratio Lower Upper

240 100

120 9.6 8.8 13.2

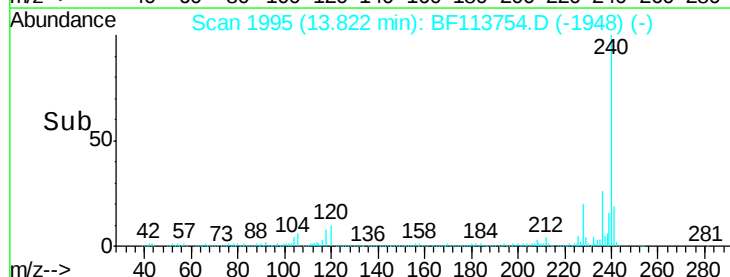
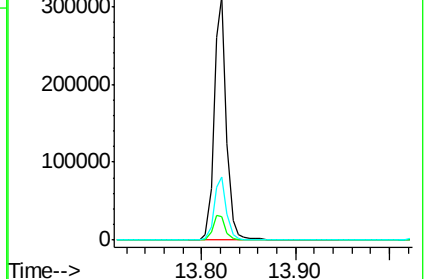
236 25.8 20.9 31.3

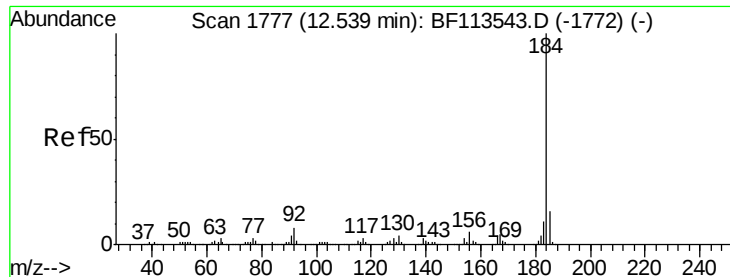


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.935 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampled :

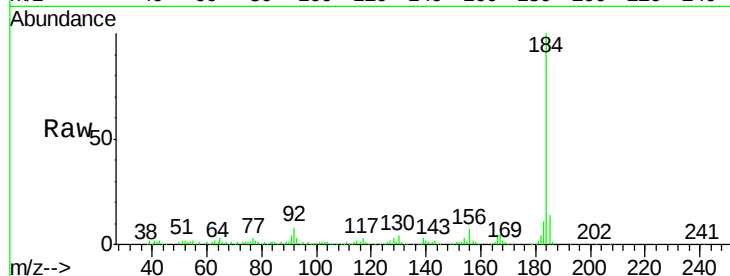
Tot Ion:184 Resp: 278598

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

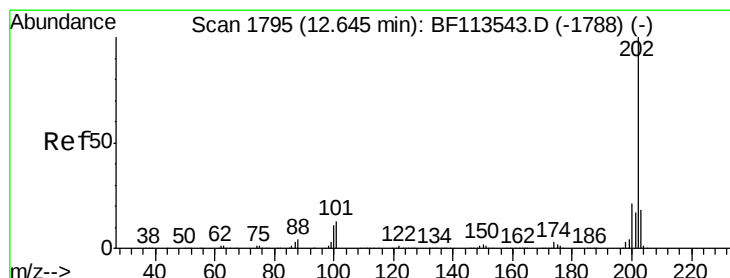
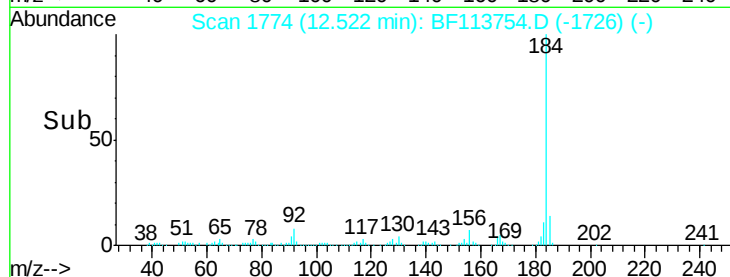
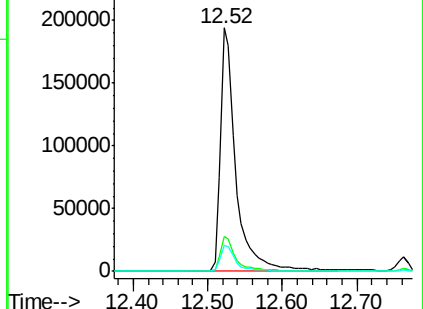
183 10.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 29.584 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

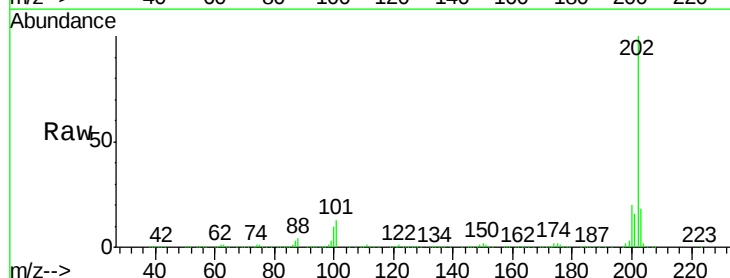
Tgt Ion:202 Resp: 650272

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

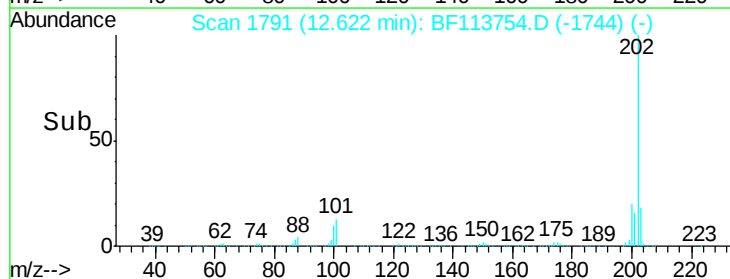
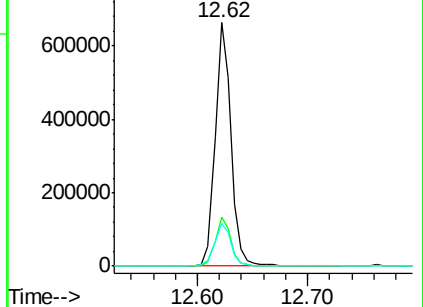
203 17.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.739 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

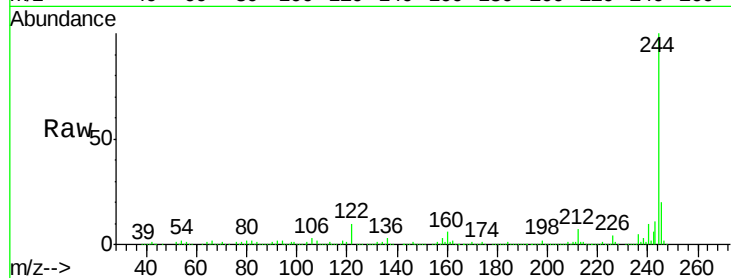
Tot Ion:244 Resp: 875976

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

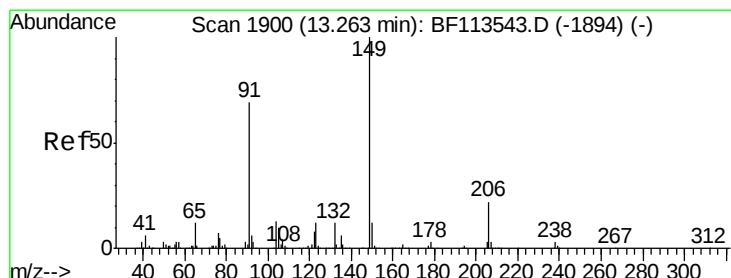
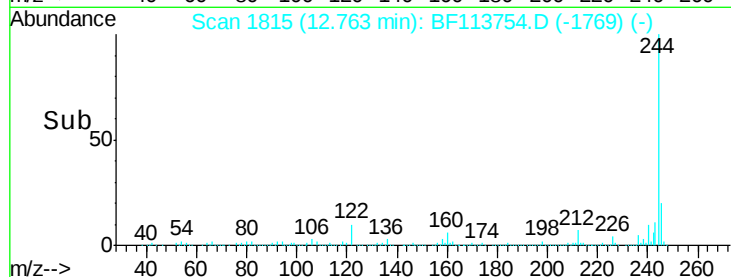
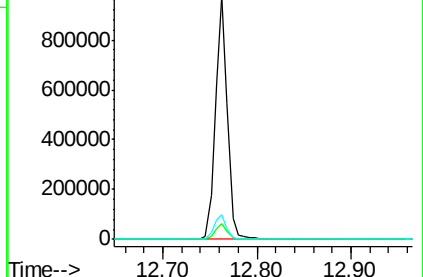
122 10.3 8.6 13.0



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: 28.918 ng

RT: 13.23 min Scan# 1895

Delta R.T. -0.03 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

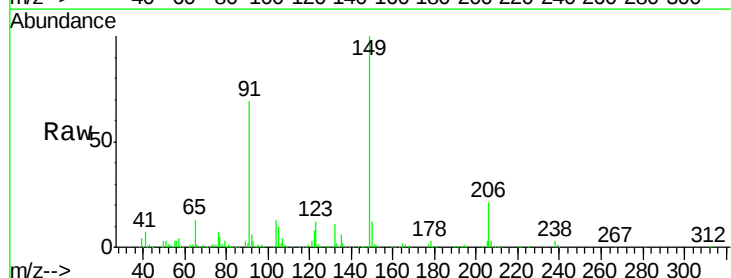
Tgt Ion:149 Resp: 258738

Ion Ratio Lower Upper

149 100

91 69.2 55.2 82.8

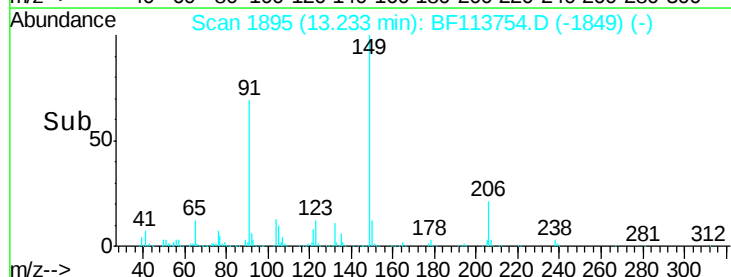
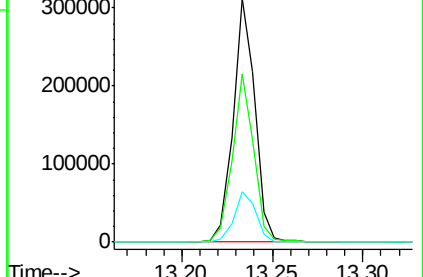
206 20.8 16.1 24.1



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: 28.967 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

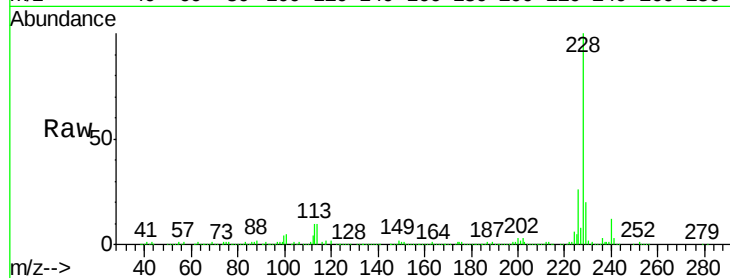
Tot Ion:228 Resp: 482707

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

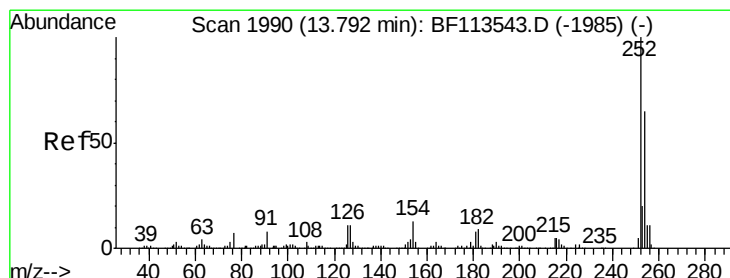
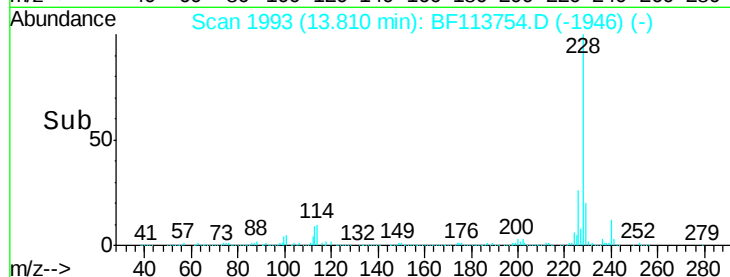
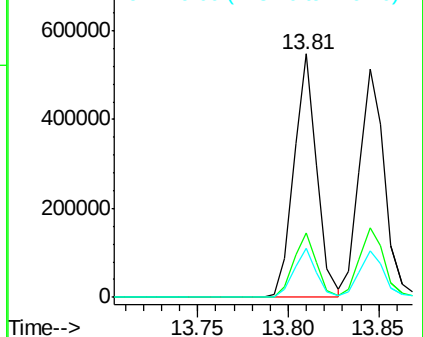
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.359 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

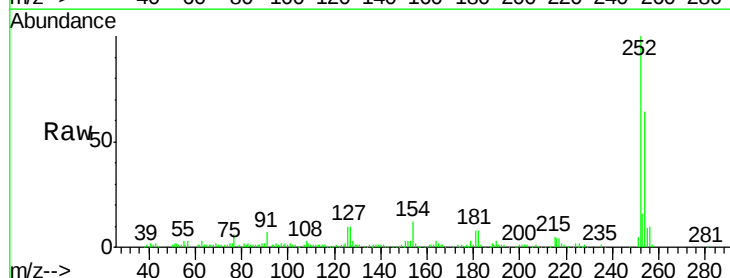
Tgt Ion:252 Resp: 137093

Ion Ratio Lower Upper

252 100

254 63.6 52.2 78.2

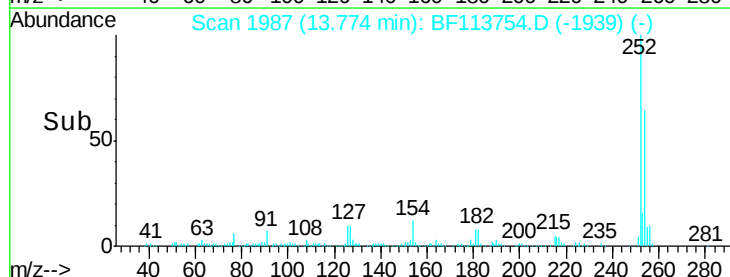
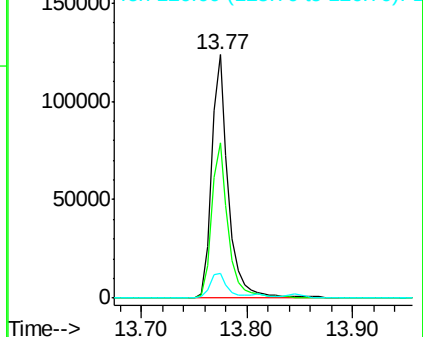
126 9.9 8.5 12.7

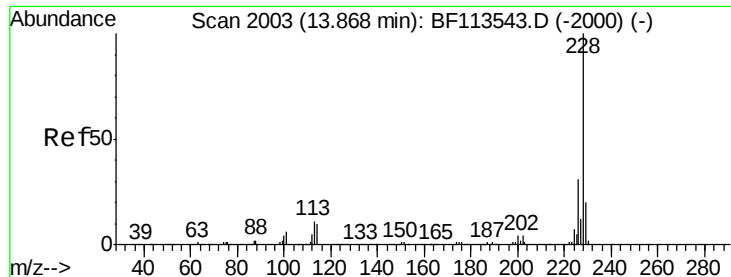


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 29.797 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_F

ClientSampleId :

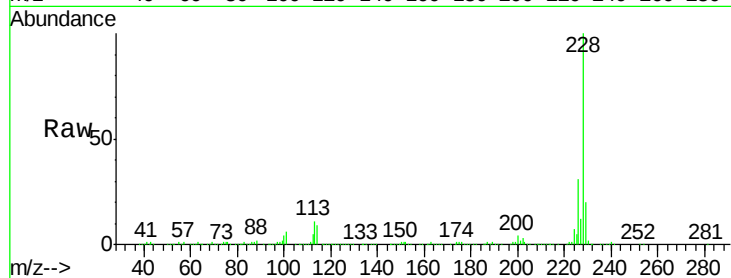
Tot Ion:228 Resp: 503341

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

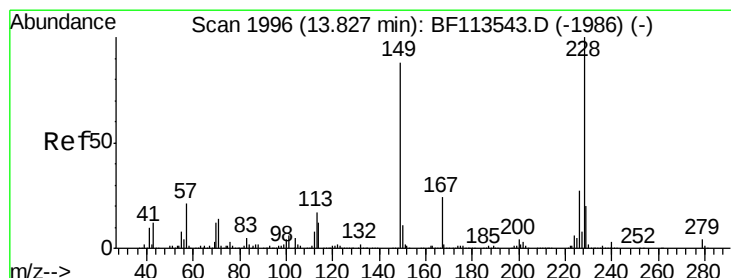
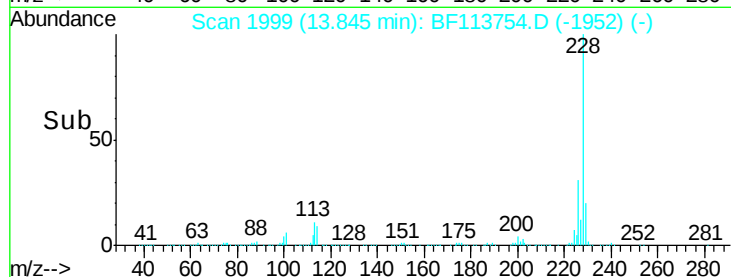
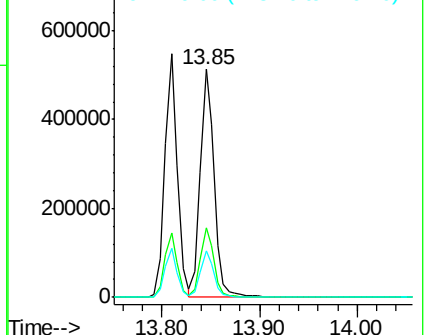
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.532 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

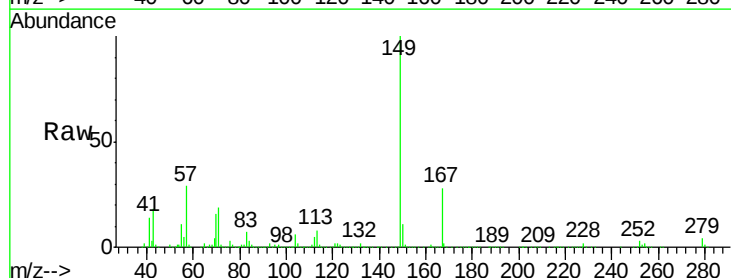
Tgt Ion:149 Resp: 341110

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

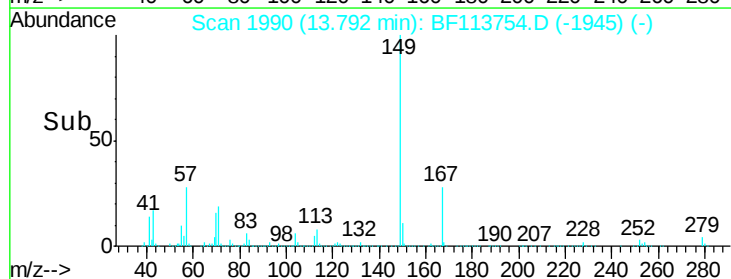
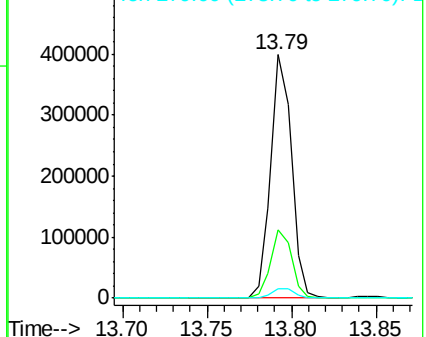
279 3.6 2.9 4.3

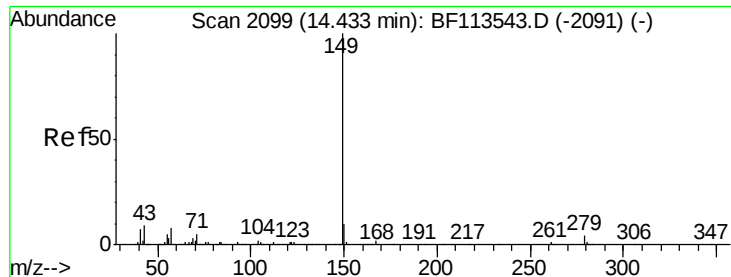


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

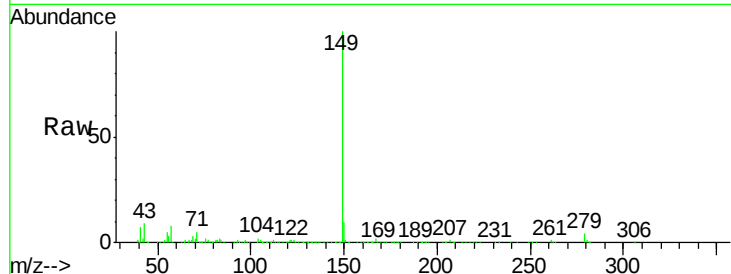




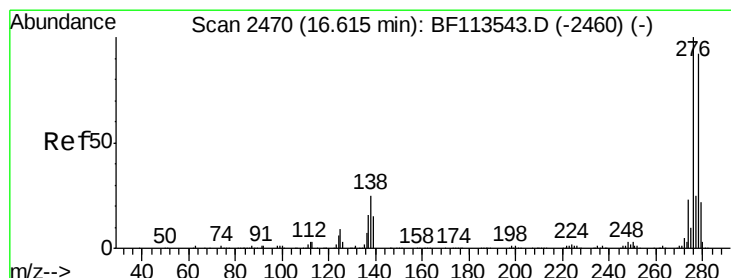
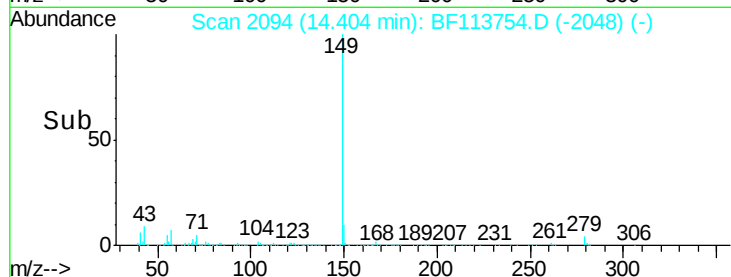
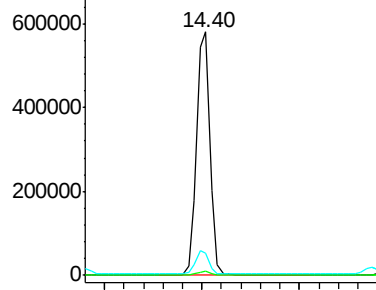
#85
Di-n-octyl phthalate
Concen: 31.470 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.7	11.5

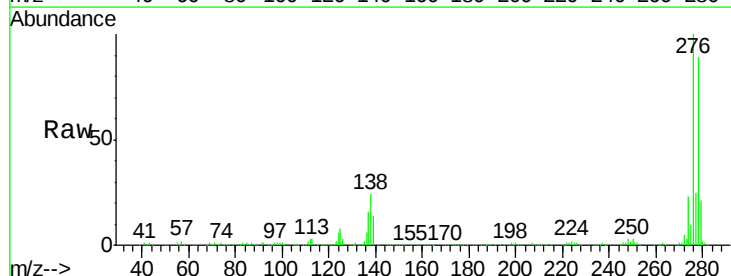


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

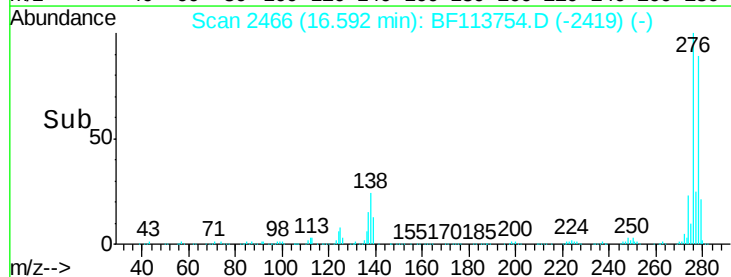
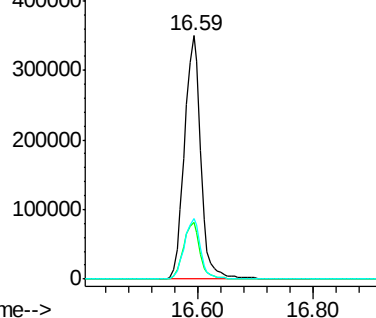


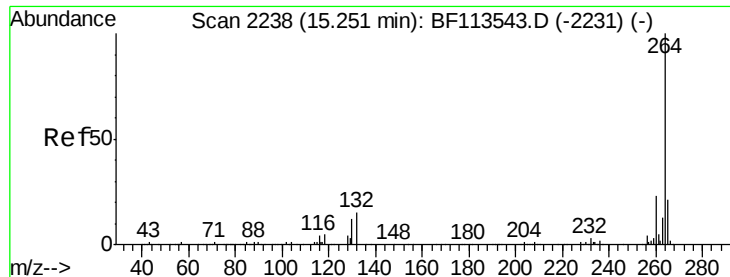
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.730 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.1	27.1
277	24.9	20.2	30.4



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



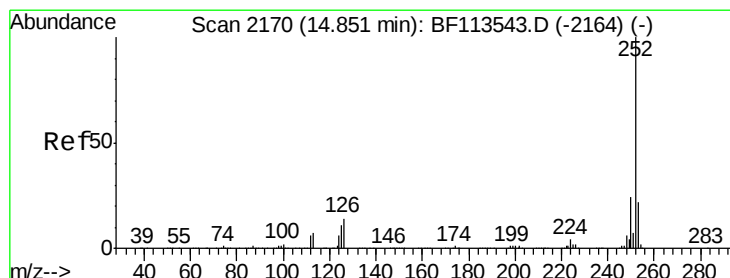
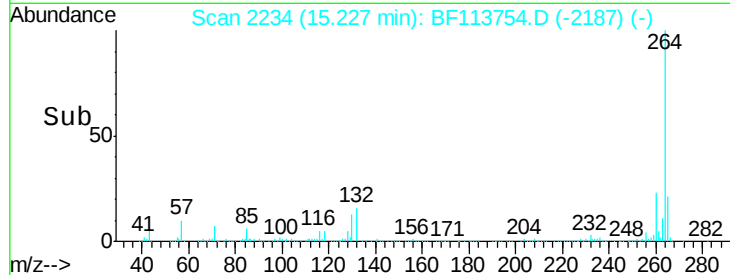
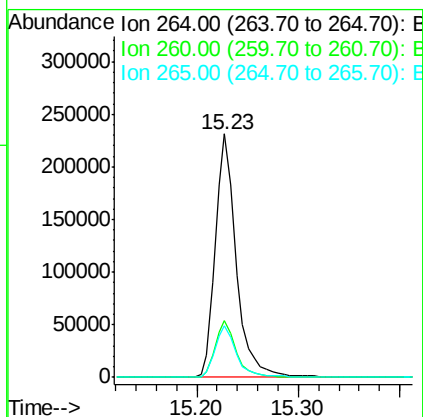
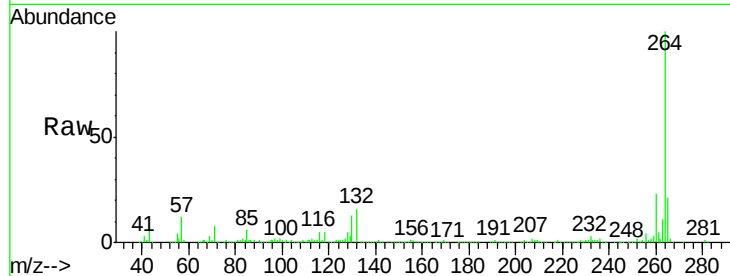


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 331809

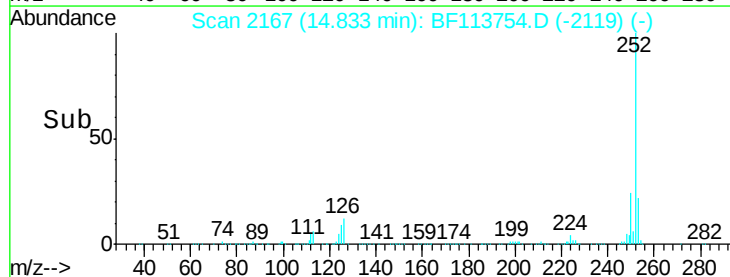
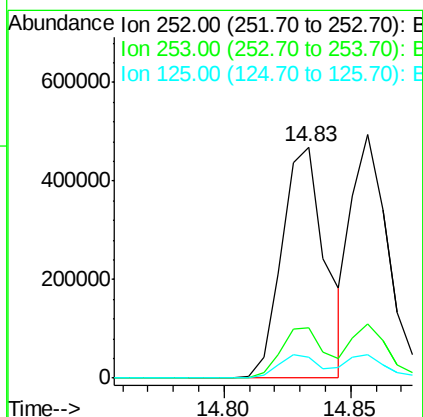
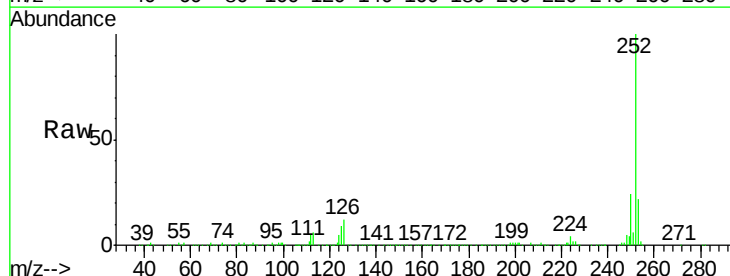
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.2	17.1	25.7

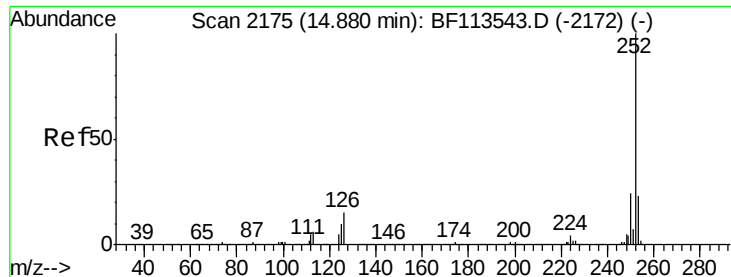


#88
Benzo(b)fluoranthene
Concen: 27.670 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:252 Resp: 561999

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.2	7.6	11.4

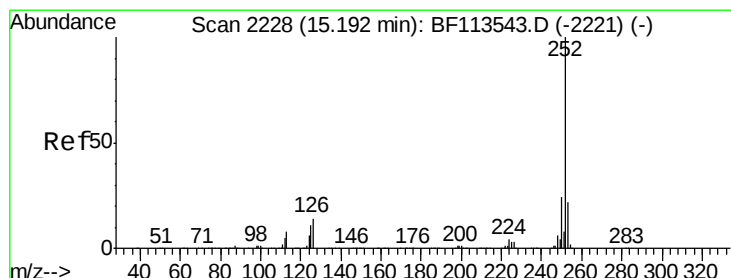
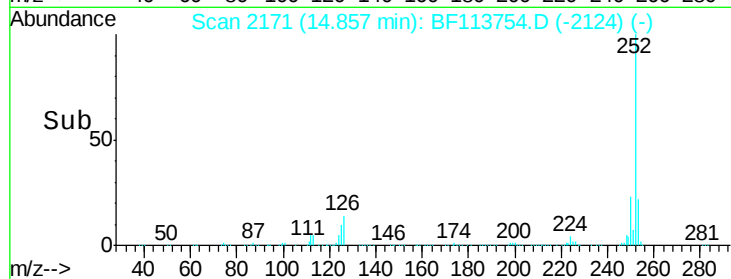
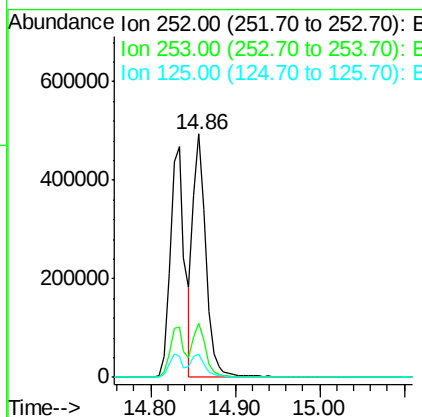
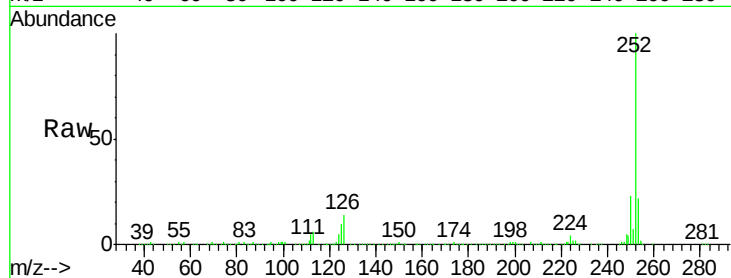




#89
Benzo(k)fluoranthene
Concen: 28.239 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

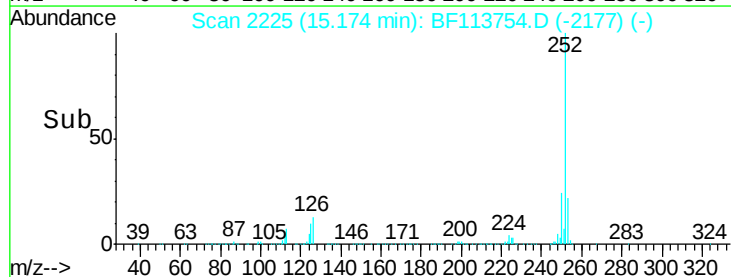
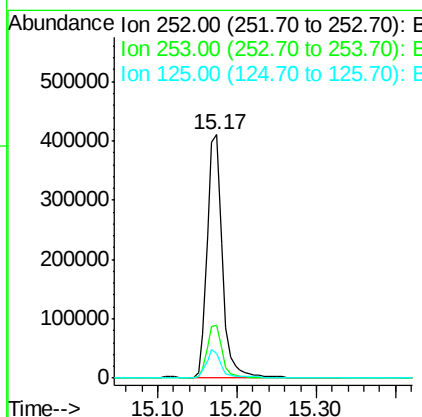
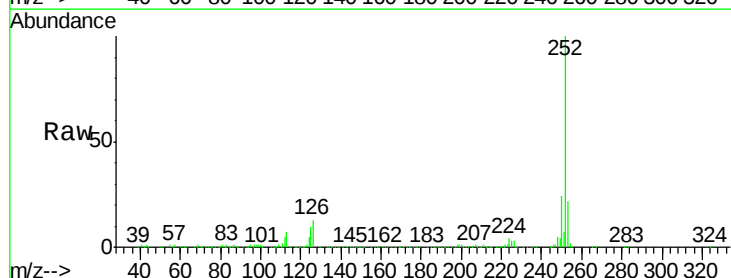
Instrument :
BNA_F
ClientSampleId :

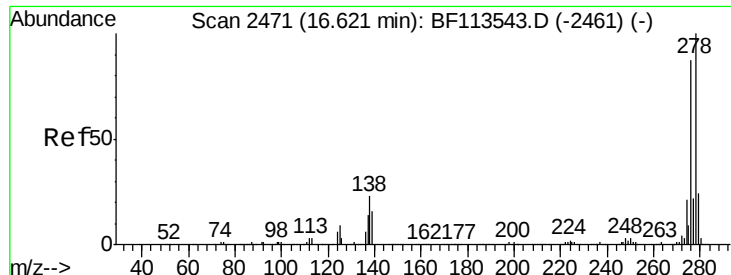
Tot Ion:252 Resp: 514754
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 30.317 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion:252 Resp: 547163
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.2 8.8 13.2

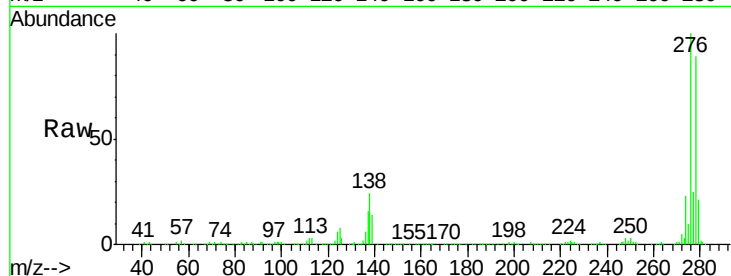




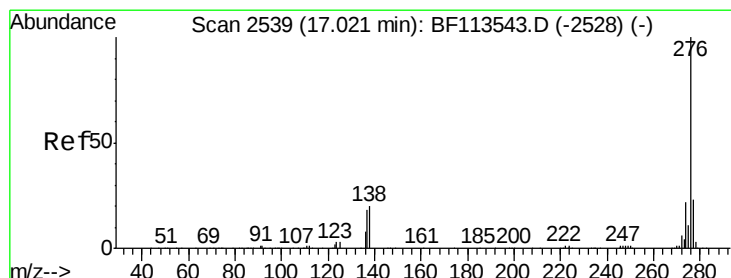
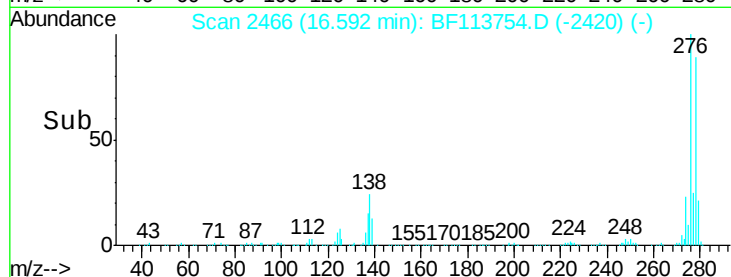
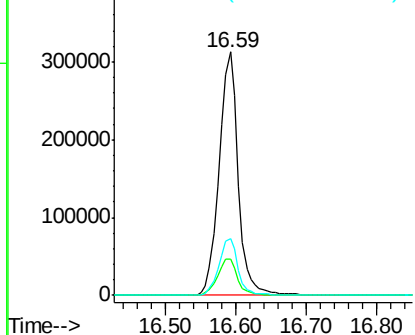
#91
Dibenzo(a,h)anthracene
Concen: 34.900 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.03 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.0	18.0
279	23.2	19.0	28.6

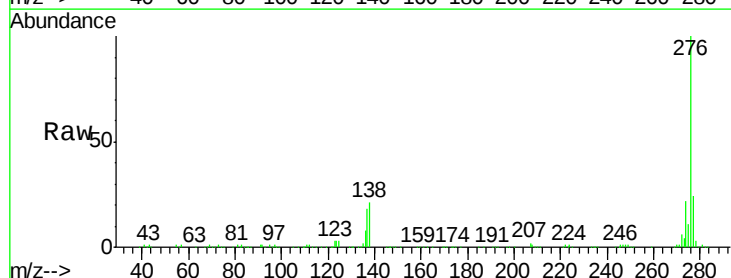


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.197 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF113754.D
Acq: 12 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.9	15.6	23.4



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

