

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114042.D
 Acq On : 30 Apr 2019 15:18
 Operator : JU/SJ
 Sample : K2194-01MS 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 23:02:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123144	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	459375	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	227060	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	401450	20.00	ng	0.00
76) Chrysene-d12	14.05	240	325708	20.00	ng	-0.02
87) Perylene-d12	15.54	264	268096	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	343318	47.68	ng	0.00
7) Phenol-d6	6.52	99	456707	50.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	267124	35.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	127814	46.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	555377	38.26	ng	-0.01
79) Terphenyl-d14	12.99	244	551708	34.73	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	43371	12.779	ng	# 95
3) Pyridine	3.44	79	117831	12.719	ng	95
4) n-Nitrosodimethylamine	3.36	42	43456	13.703	ng	98
6) Aniline	6.55	93	115459	9.308	ng	97
8) 2-Chlorophenol	6.67	128	134345	16.343	ng	98
10) Phenol	6.53	94	173411	16.054	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	133491	16.423	ng	95
12) 1,3-Dichlorobenzene	6.83	146	149777	16.088	ng	97
13) 1,4-Dichlorobenzene	6.91	146	153167	16.357	ng	99
14) 1,2-Dichlorobenzene	7.06	146	146505	17.024	ng	96
15) Benzyl Alcohol	7.02	79	117157	19.257	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	144782	15.259	ng	93
17) 2-Methylphenol	7.14	107	109386	15.181	ng	99
18) Hexachloroethane	7.40	117	45545	13.875	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	96783	16.545	ng	95
20) 3+4-Methylphenols	7.29	107	145104	17.824	ng	# 73
22) Acetophenone	7.29	105	192543	18.835	ng	# 95
24) Nitrobenzene	7.46	77	142223	17.300	ng	98
25) Isophorone	7.70	82	257257	16.899	ng	99
26) 2-Nitrophenol	7.79	139	62497	16.664	ng	97
27) 2,4-Dimethylphenol	7.82	122	116942	19.138	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	165719	17.083	ng	99
29) 2,4-Dichlorophenol	8.03	162	121142	17.337	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	139014	17.843	ng	97
31) Naphthalene	8.19	128	401816	18.413	ng	99
32) Benzoic acid	7.82	122	116942	28.339	ng	# 14
33) 4-Chloroaniline	8.24	127	96655	10.467	ng	96
34) Hexachlorobutadiene	8.32	225	83209	17.132	ng	98
35) Caprolactam	8.58	113	37770	16.992	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	118152	17.067	ng	99
37) 2-Methylnaphthalene	8.89	142	274006	18.620	ng	100
38) 1-Methylnaphthalene	8.99	142	251536	17.709	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	137302	18.616	ng	98
41) Hexachlorocyclopentadiene	9.04	237	12684	3.084	ng	94

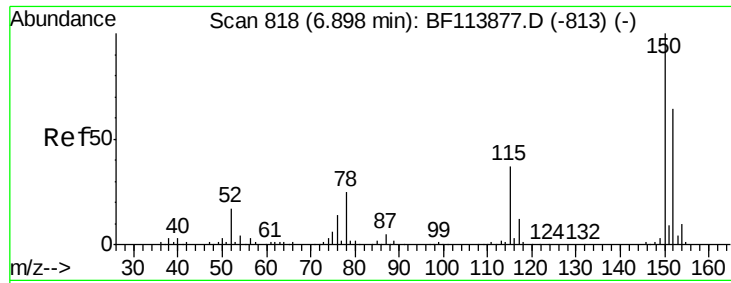
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	87250	18.629	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	90108	17.153	nq	98
46) 1,1'-Biphenyl	9.35	154	331982	19.139	nq	98
47) 2-Chloronaphthalene	9.37	162	259387	18.389	nq	98
48) 2-Nitroaniline	9.46	65	70169	18.976	nq	89
49) Acenaphthylene	9.79	152	398427	18.042	nq	98
50) Dimethylphthalate	9.64	163	375428	22.862	nq	99
51) 2,6-Dinitrotoluene	9.70	165	62904	17.855	nq #	89
52) Acenaphthene	9.96	154	228425	17.503	nq	97
53) 3-Nitroaniline	9.87	138	56536	15.272	nq	97
54) 2,4-Dinitrophenol	9.98	184	903	8.850	nq #	38
55) Dibenzofuran	10.13	168	357025	18.263	nq	98
56) 4-Nitrophenol	10.03	139	89271	30.456	nq	96
57) 2,4-Dinitrotoluene	10.10	165	72628	16.333	nq #	96
58) Fluorene	10.47	166	267403	18.169	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	74825	16.208	nq #	94
60) Diethylphthalate	10.34	149	290437	18.625	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	141020	18.092	nq	95
62) 4-Nitroaniline	10.47	138	58784	16.272	nq	98
63) Azobenzene	10.62	77	252929	16.735	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	3211	8.788	nq #	17
66) n-Nitrosodiphenylamine	10.57	169	239111	19.850	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	85871	17.707	nq	98
68) Hexachlorobenzene	11.03	284	89126	16.724	nq	99
69) Atrazine	11.10	200	82955	21.170	nq	99
70) Pentachlorophenol	11.22	266	89953	29.812	nq	98
71) Phenanthrene	11.43	178	439284	21.774	nq	98
72) Anthracene	11.49	178	402220	19.742	nq	98
73) Carbazole	11.64	167	328751	18.087	nq	99
74) Di-n-butylphthalate	11.97	149	427217	19.981	nq	99
75) Fluoranthene	12.63	202	536318	24.365	nq	96
77) Benzidine	12.75	184	117123	12.069	nq	98
78) Pyrene	12.86	202	534497	23.466	nq	98
80) Butylbenzylphthalate	13.46	149	165543	18.472	nq	98
81) Benzo(a)anthracene	14.04	228	439968	22.927	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	64051	9.106	nq	98
83) Chrysene	14.07	228	427138	22.855	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	250573	21.976	nq	98
85) Di-n-octyl phthalate	14.65	149	404293	22.653	nq #	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	272046	15.367	nq	97
88) Benzo(b)fluoranthene	15.10	252	389841	22.983	nq #	96
89) Benzo(k)fluoranthene	15.13	252	308439	21.140	nq	97
90) Benzo(a)pyrene	15.47	252	315352	21.494	nq	97
91) Dibenzo(a,h)anthracene	17.04	278	210337	15.272	nq	98
92) Benzo(g,h,i)perylene	17.48	276	222962	16.042	nq	98

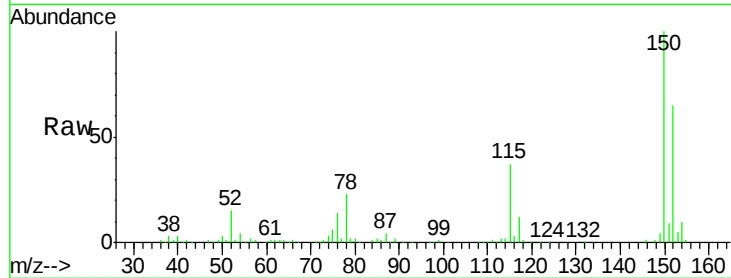
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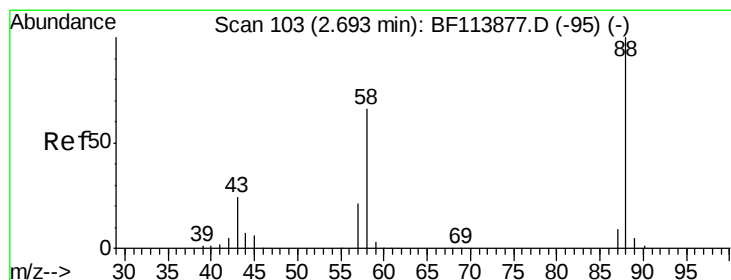
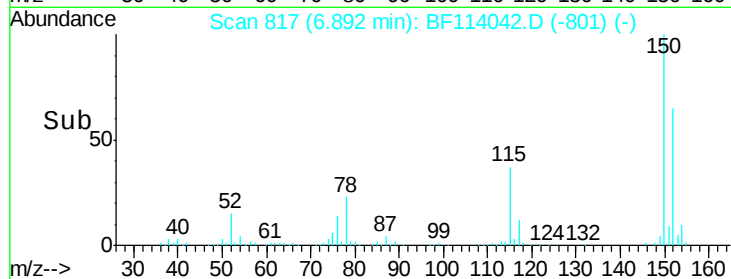
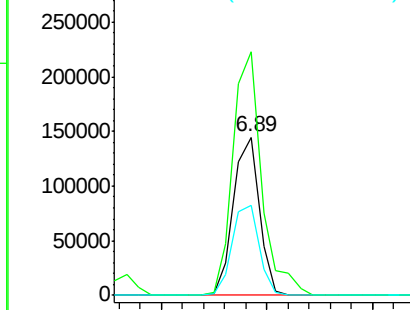
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.9	188.9
115	57.1	45.9	68.9

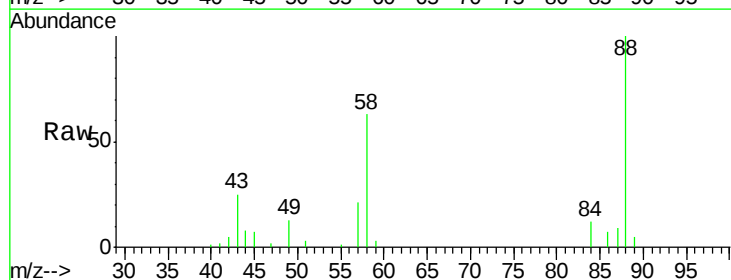


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

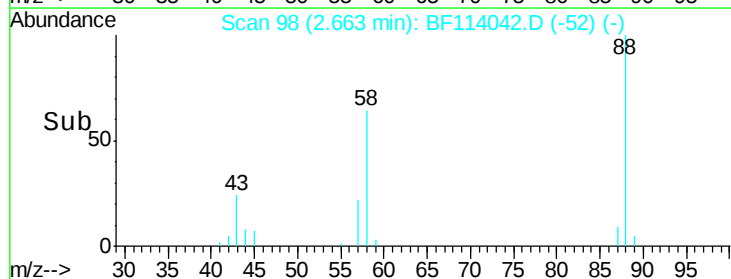
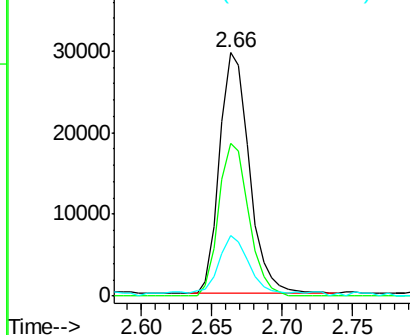


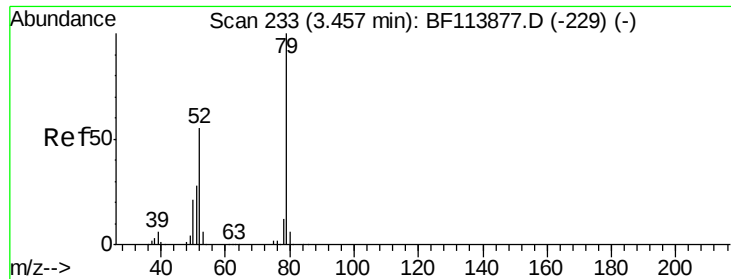
#2
 1,4-Dioxane
 Concen: 12.779 ng
 RT: 2.66 min Scan# 98
 Delta R.T. -0.03 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	53.3	79.9
43	28.7	19.0	28.4



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





#3

Pvridine

Concen: 12.719 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.02 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

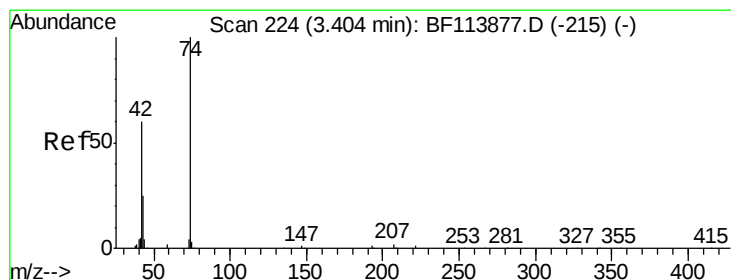
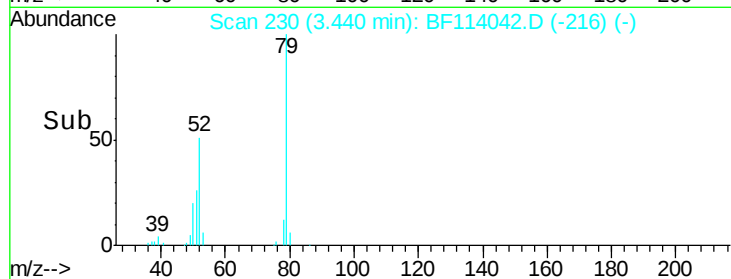
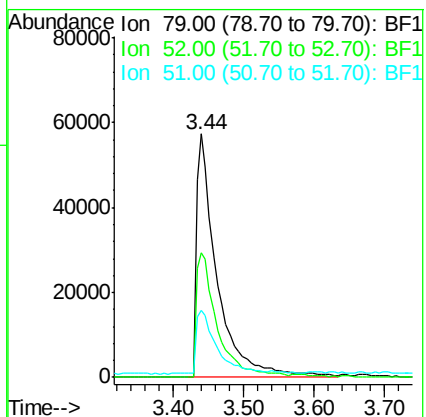
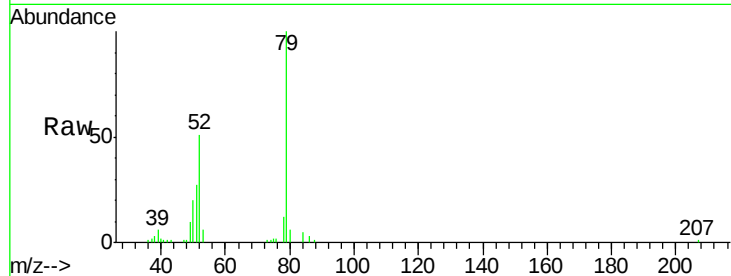
Tot Ion: 79 Resp: 117831

Ion Ratio Lower Upper

79 100

52 51.1 45.3 67.9

51 27.4 22.1 33.1



#4

n-Nitrosodimethylamine

Concen: 13.703 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.05 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

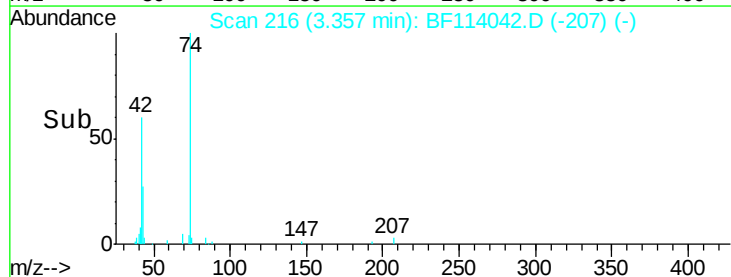
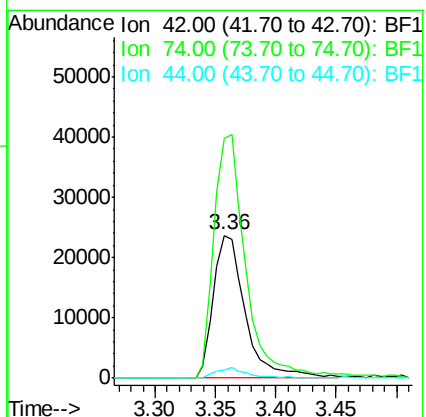
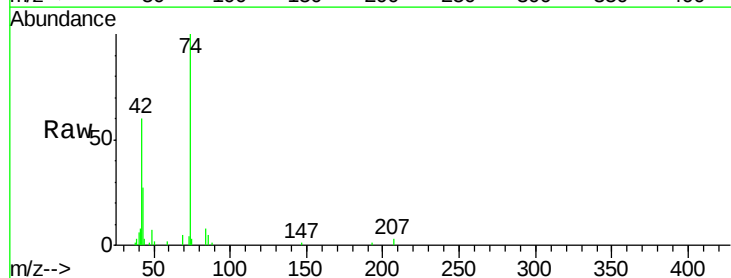
Tgt Ion: 42 Resp: 43456

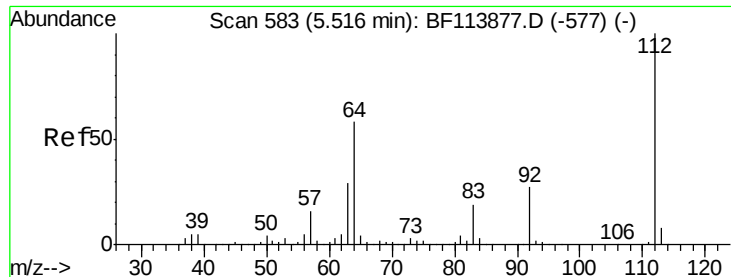
Ion Ratio Lower Upper

42 100

74 167.7 132.6 198.8

44 5.8 5.8 8.8





#5

2-Fluorophenol

Concen: 47.684 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

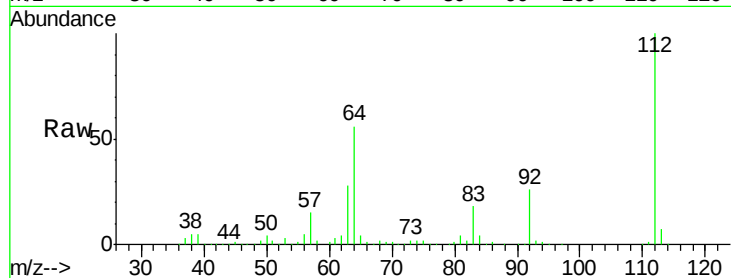
Tot Ion: 112 Resp: 343318

Ion Ratio Lower Upper

112 100

64 56.4 46.6 69.8

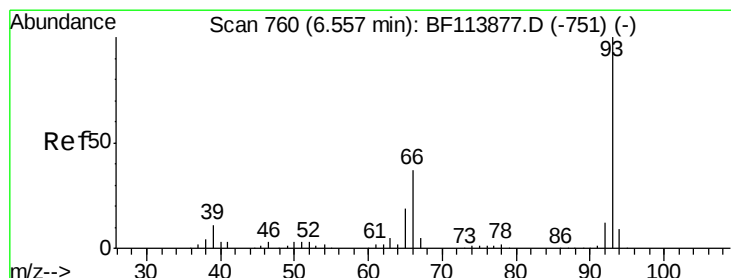
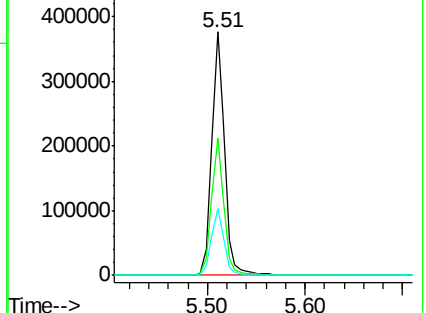
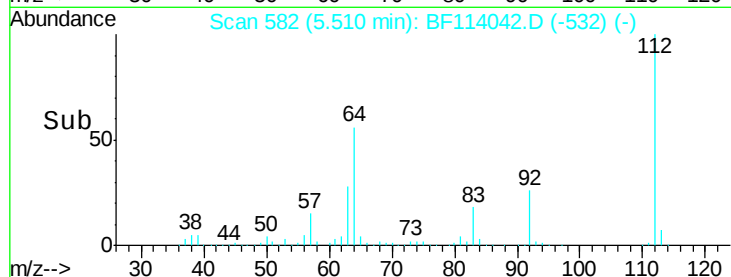
63 27.7 23.1 34.7



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: 9.308 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

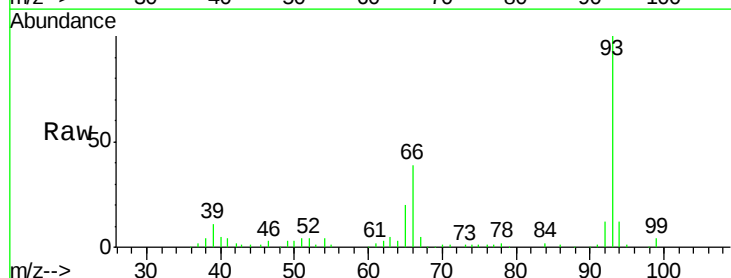
Tgt Ion: 93 Resp: 115459

Ion Ratio Lower Upper

93 100

66 39.1 29.8 44.6

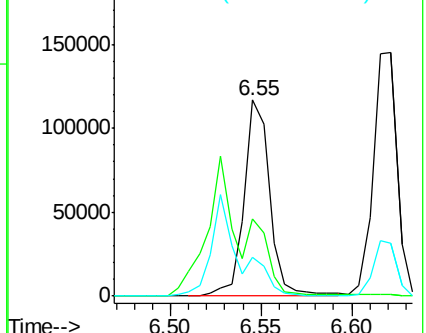
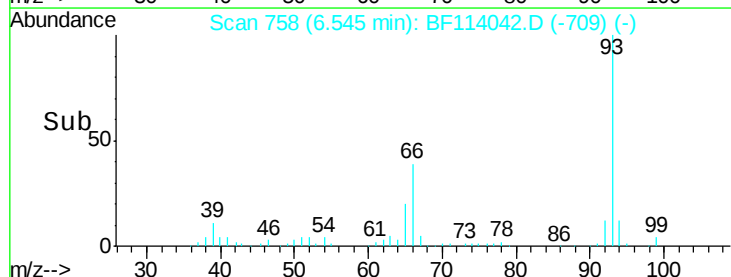
65 19.7 14.9 22.3

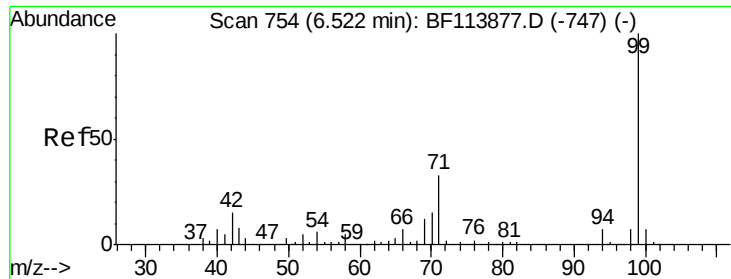


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 50.559 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

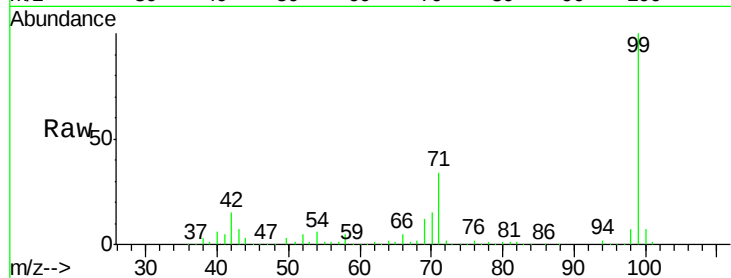
Tot Ion: 99 Resp: 456707

Ion Ratio Lower Upper

99 100

42 14.5 12.5 18.7

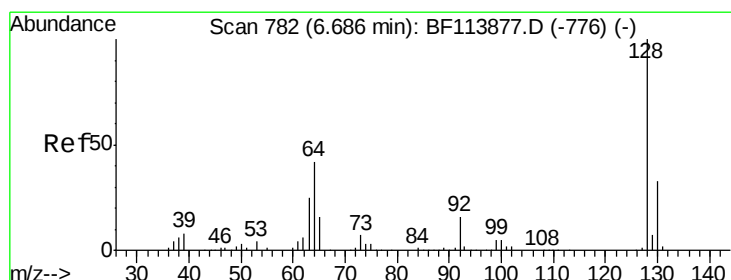
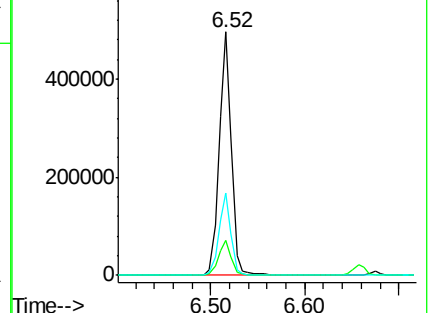
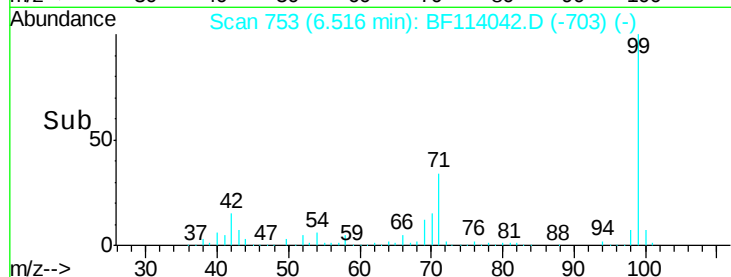
71 33.6 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 16.343 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

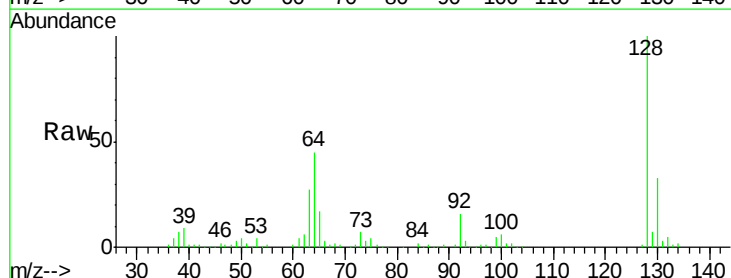
Tgt Ion: 128 Resp: 134345

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

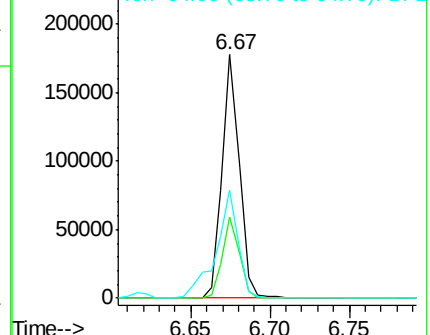
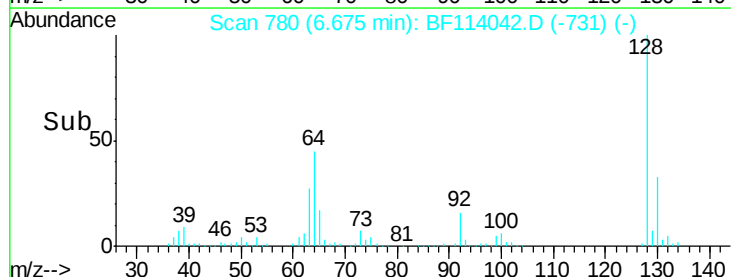
64 44.5 26.1 66.1

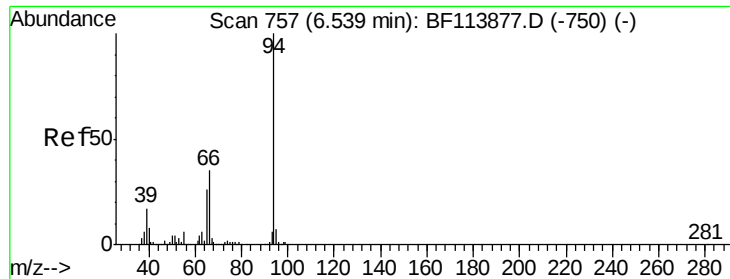


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 16.054 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

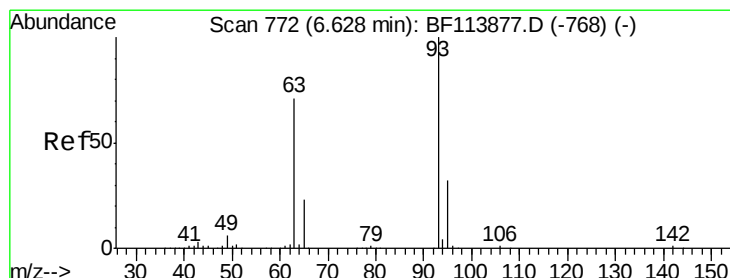
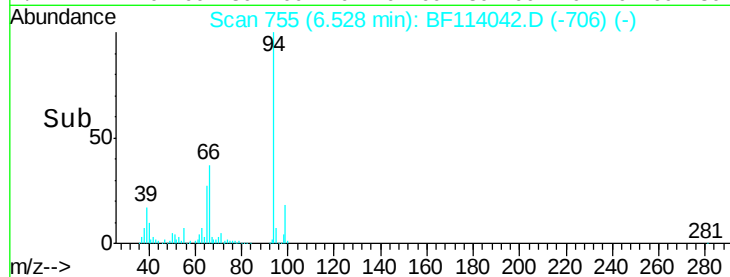
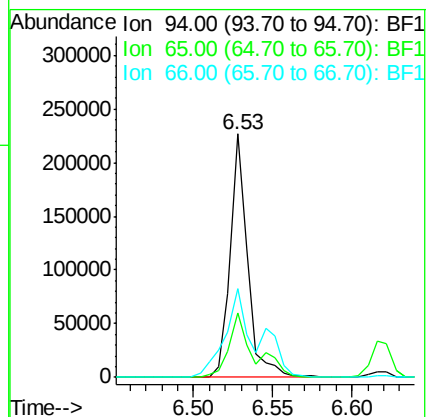
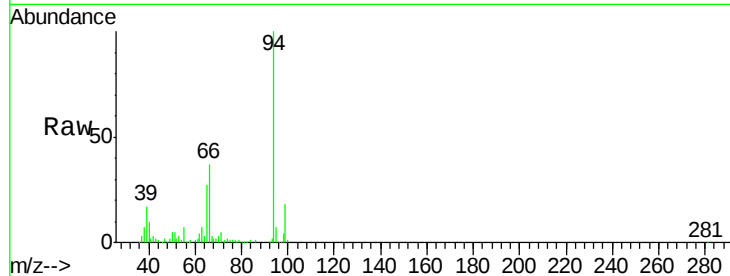
Tot Ion: 94 Resp: 173411

Ion Ratio Lower Upper

94 100

65 26.5 8.1 48.1

66 36.7 16.6 56.6



#11

bis(2-Chloroethyl)ether

Concen: 16.423 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

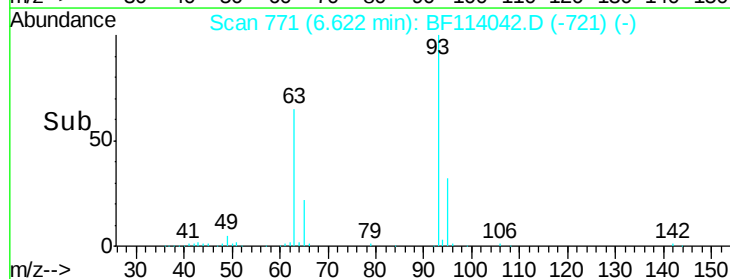
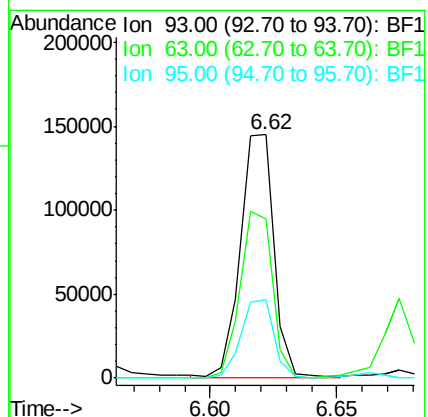
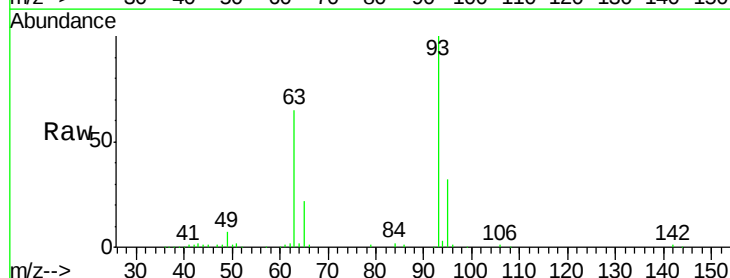
Tgt Ion: 93 Resp: 133491

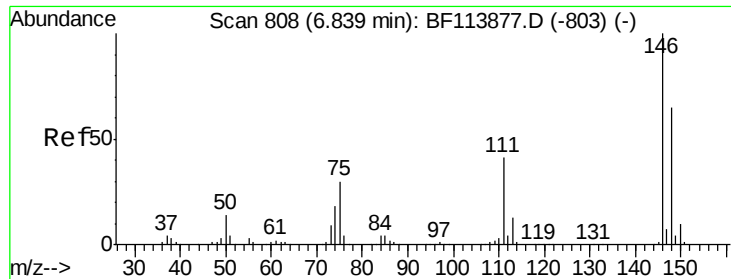
Ion Ratio Lower Upper

93 100

63 65.3 50.7 90.7

95 32.2 12.3 52.3

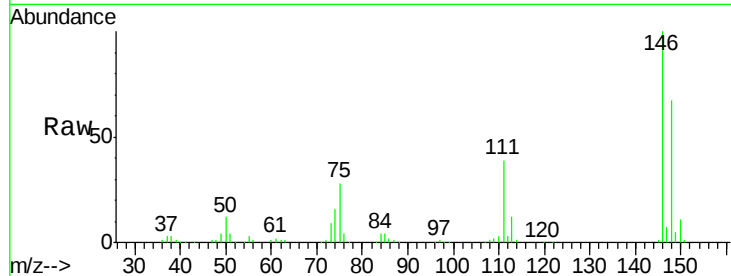




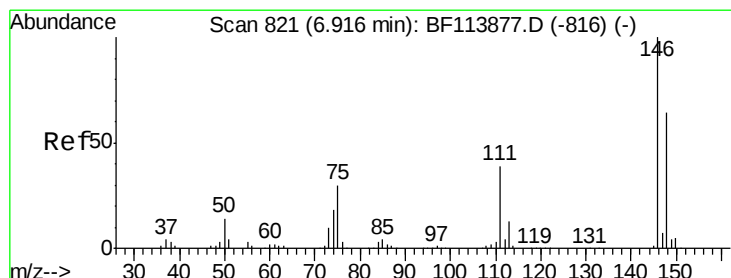
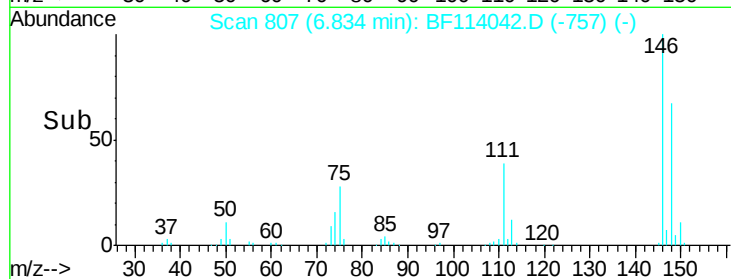
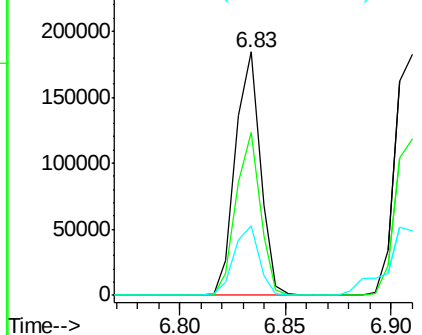
#12
 1,3-Dichlorobenzene
 Concen: 16.088 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.0	76.6
75	28.4	23.8	35.8

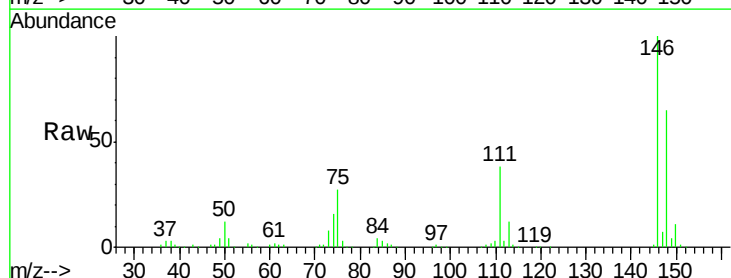


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

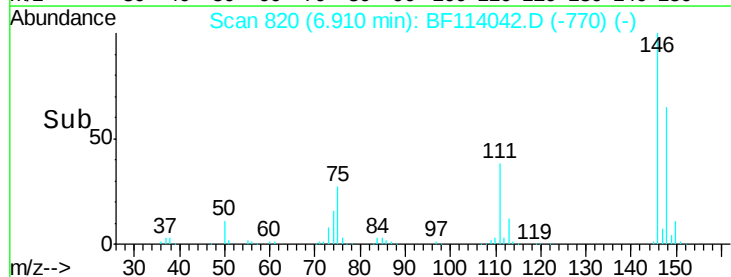
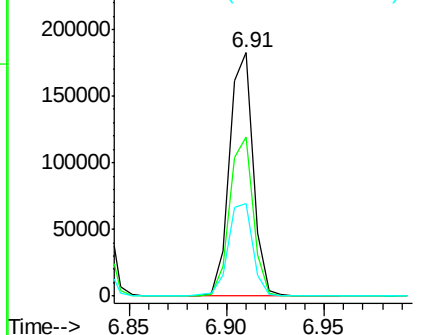


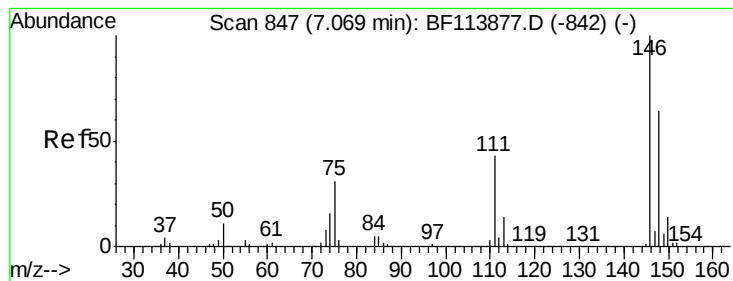
#13
 1,4-Dichlorobenzene
 Concen: 16.357 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
111	37.9	30.9	46.3



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





#14

1,2-Dichlorobenzene

Concen: 17.024 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampled :

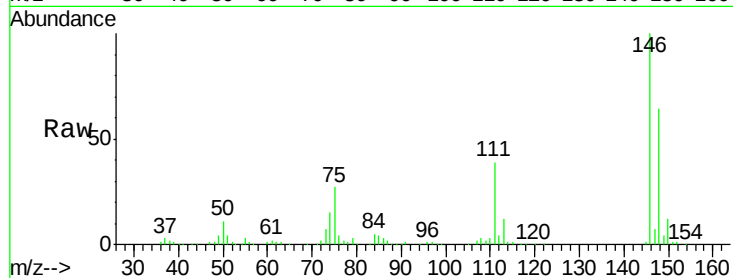
Tot Ion:146 Resp: 146505

Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

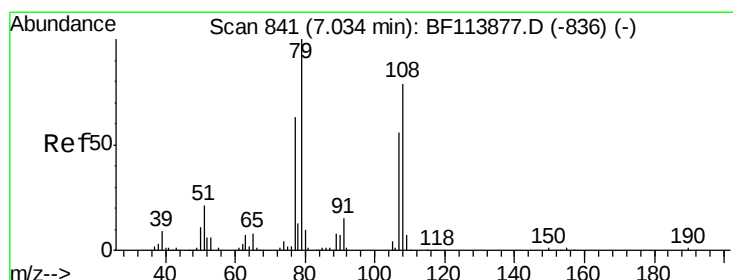
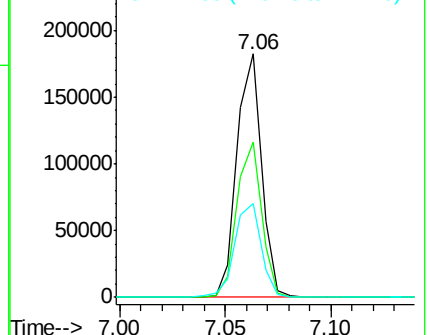
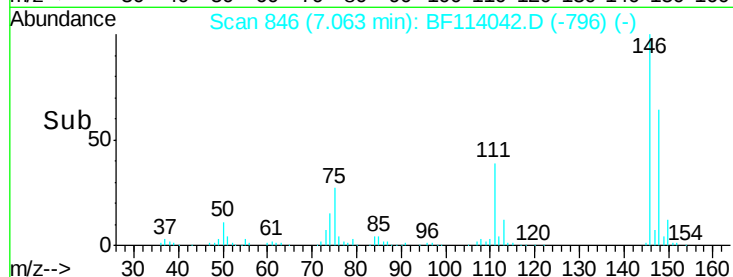
111 38.6 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 19.257 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

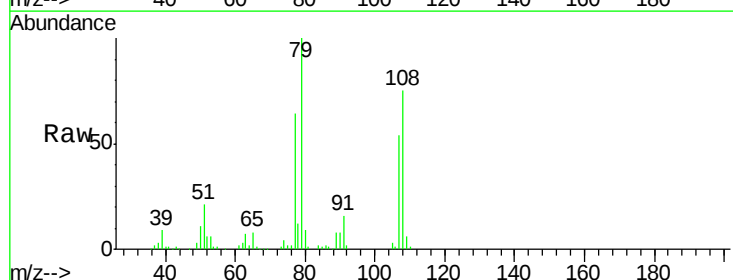
Tgt Ion: 79 Resp: 117157

Ion Ratio Lower Upper

79 100

108 75.3 61.4 92.0

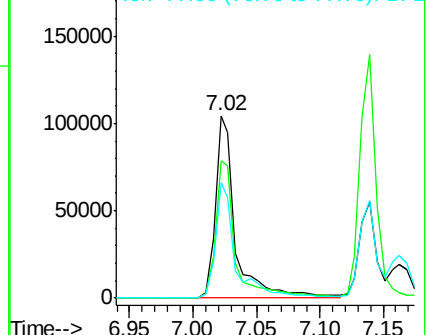
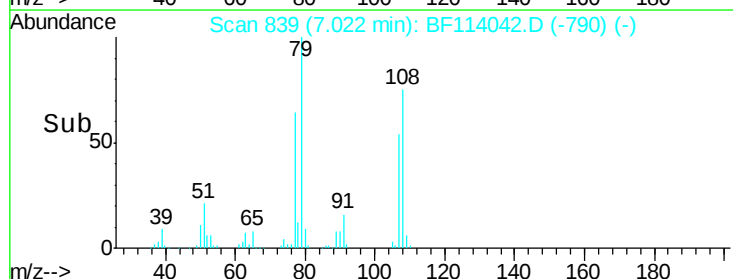
77 63.6 51.6 77.4

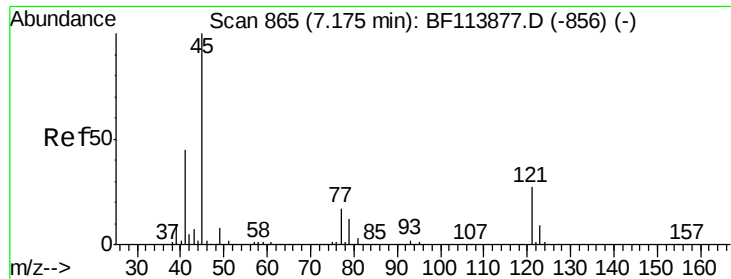


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

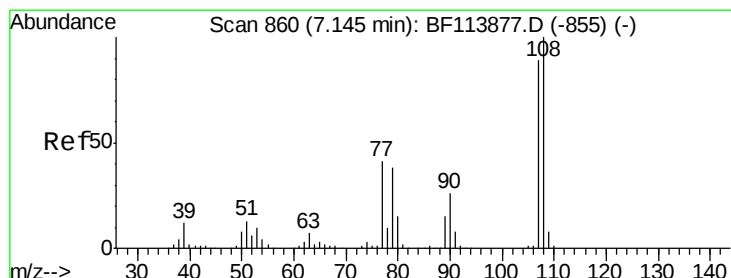
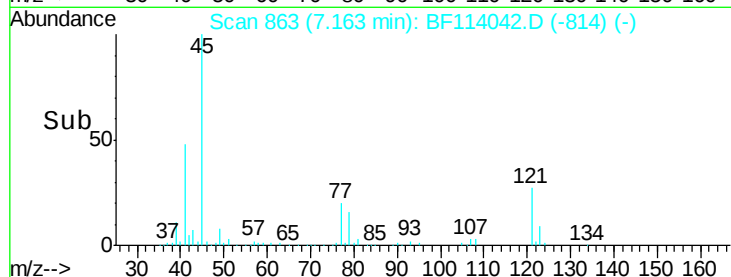
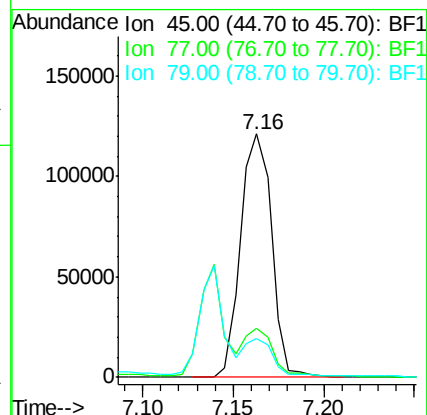
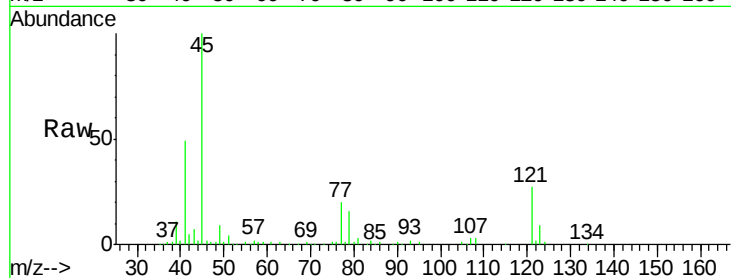




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 15.259 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

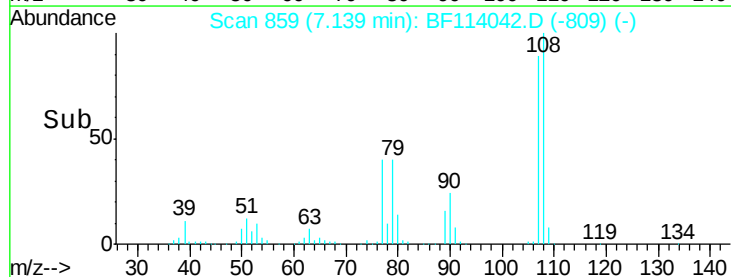
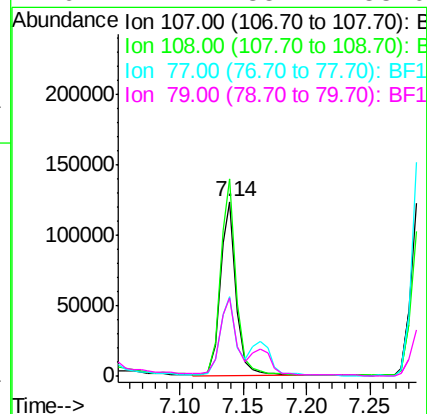
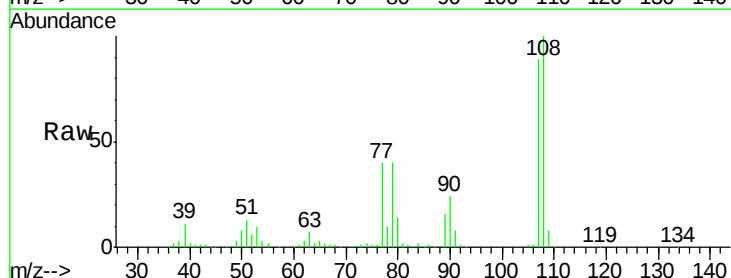
Instrument :
BNA_F
ClientSampleId :

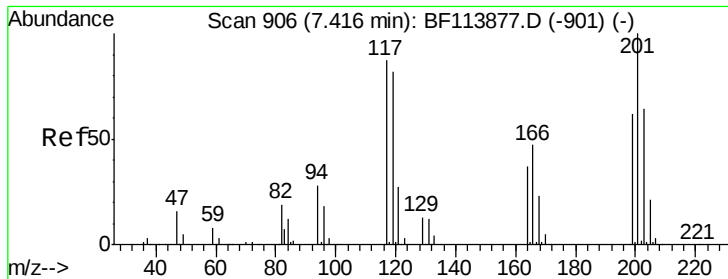
Tot Ion: 45 Resp: 144782
Ion Ratio Lower Upper
45 100
77 20.1 0.0 37.0
79 15.8 0.0 32.7



#17
2-Methylphenol
Concen: 15.181 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion: 107 Resp: 109386
Ion Ratio Lower Upper
107 100
108 112.6 91.5 137.3
77 45.4 36.2 54.4
79 44.7 35.4 53.0

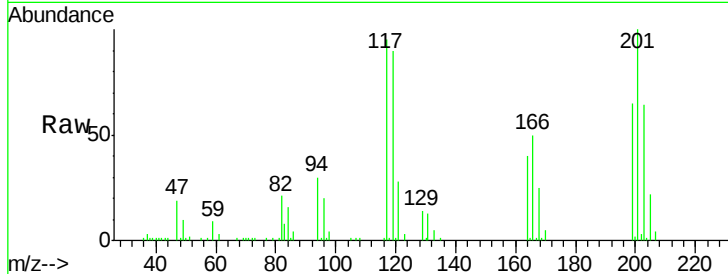




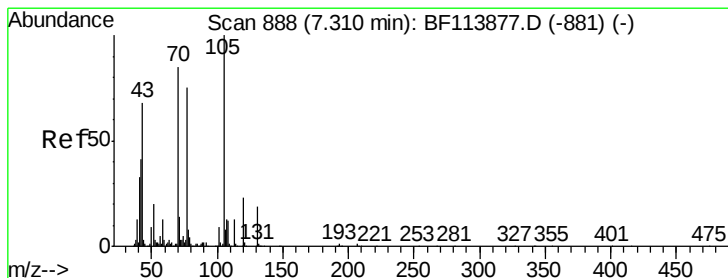
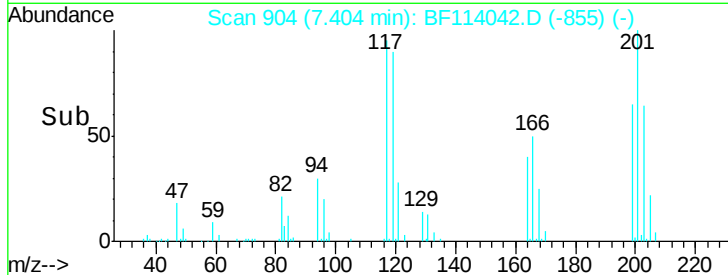
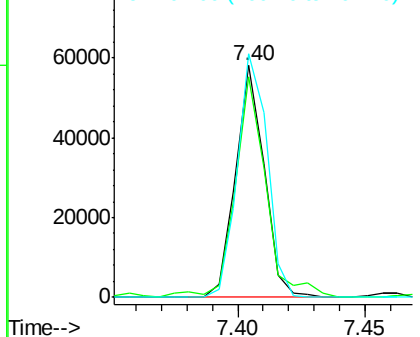
#18
Hexachloroethane
Concen: 13.875 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 45545
Ion Ratio Lower Upper
117 100
119 95.0 74.4 111.6
201 105.1 90.2 135.2

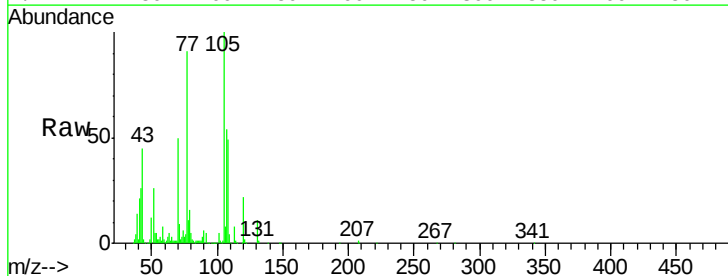


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

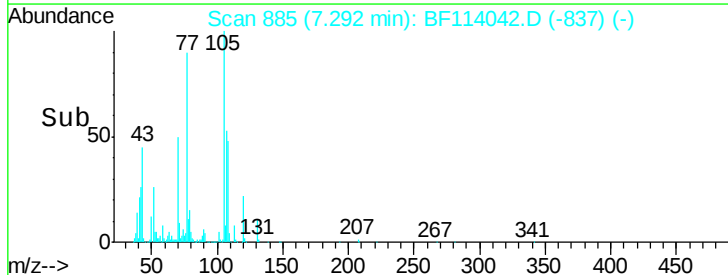
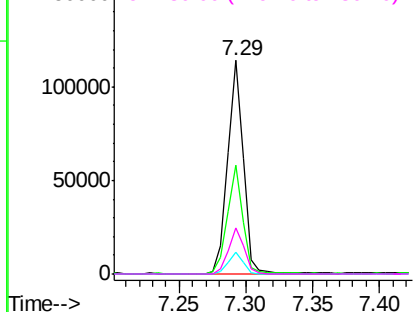


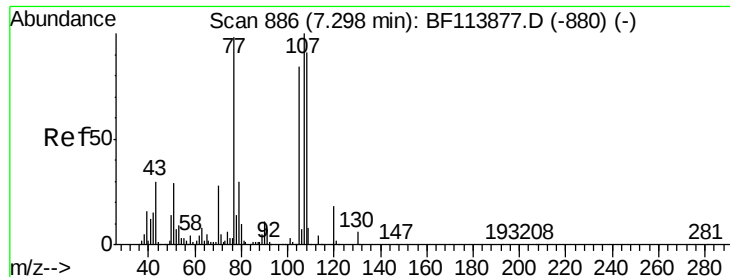
#19
n-Nitroso-di-n-propylamine
Concen: 16.545 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion: 70 Resp: 96783
Ion Ratio Lower Upper
70 100
42 51.0 37.3 55.9
101 10.2 7.8 11.8
130 21.6 18.2 27.2



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 17.824 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF114042.D

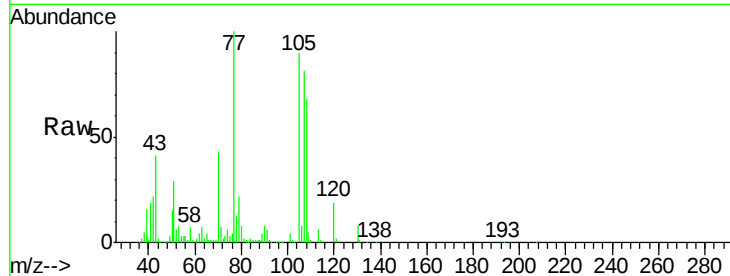
Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107	Resp:	145104
Ion	Ratio	Lower Upper
107	100	
108	84.1	70.1 110.1
77	123.9	52.9 92.9#
79	26.8	10.2 50.2

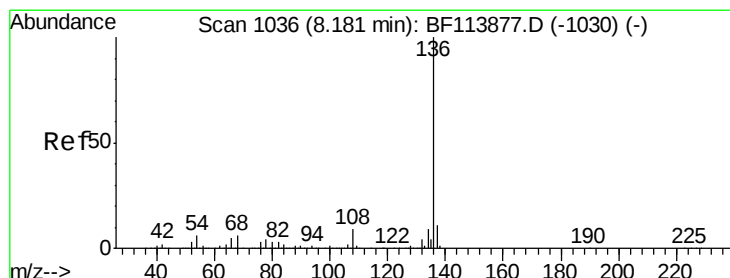
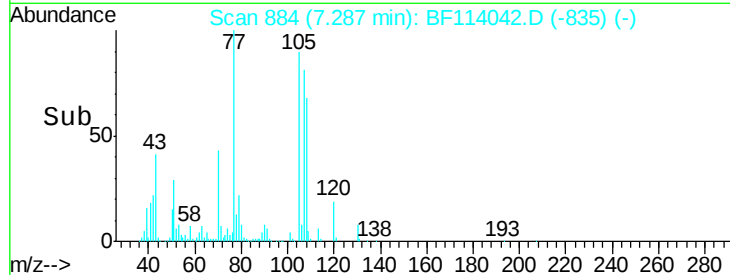
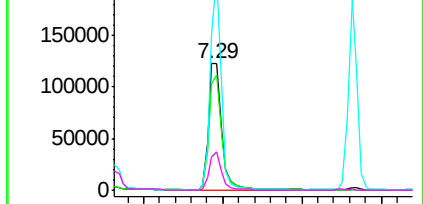


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

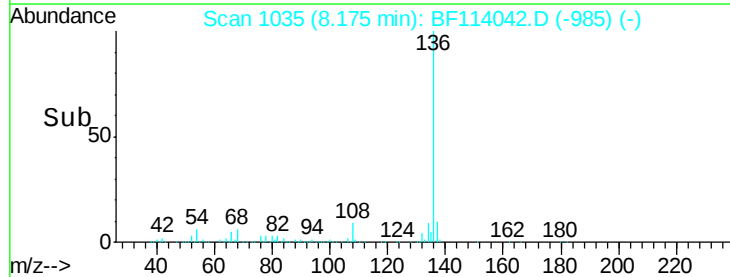
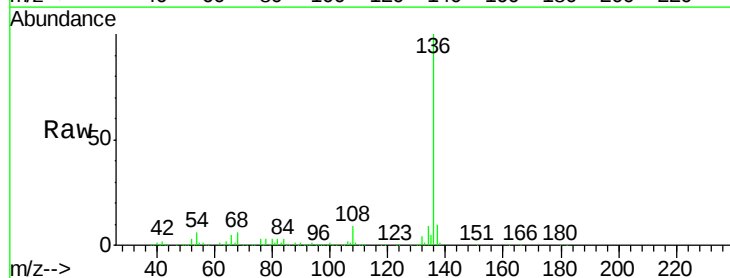
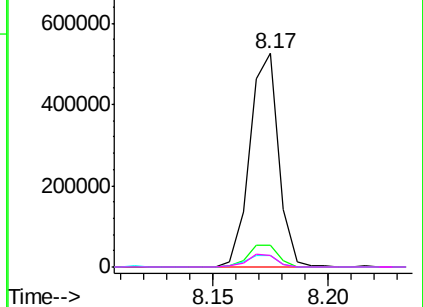
Tgt Ion:136	Resp:	459375
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.6 12.8
54	5.7	5.0 7.6
68	5.7	4.9 7.3

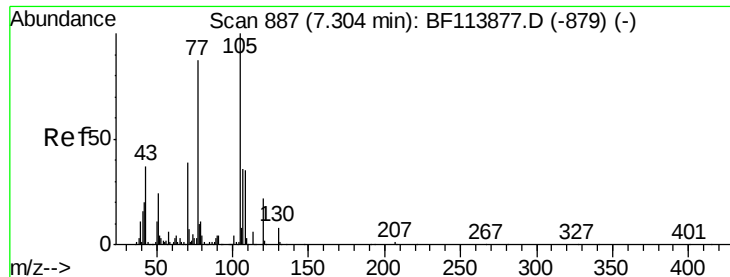
Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.835 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF114042.D

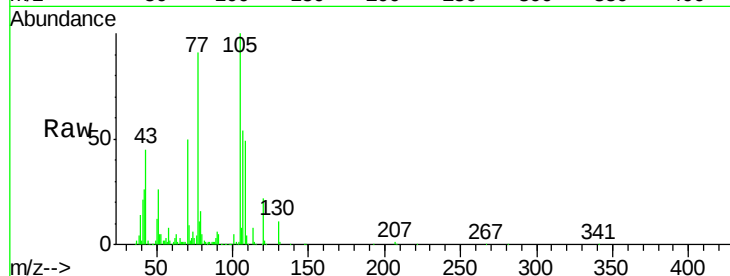
Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	192543
Ion	Ratio	Lower	Upper
105	100		
71	8.7	6.1	9.1
51	26.2	16.8	25.2#
120	21.8	17.6	26.4

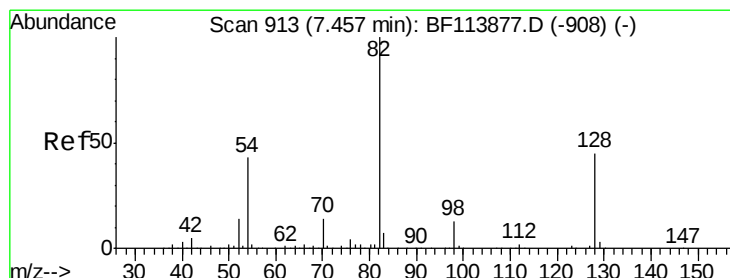
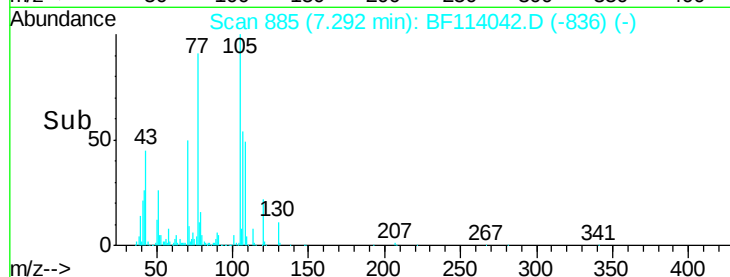
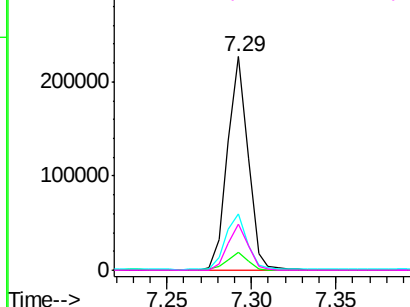


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 35.904 ng

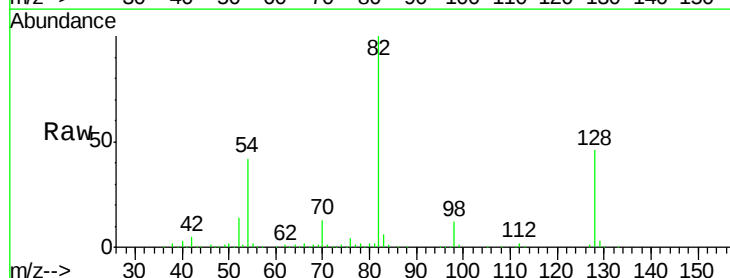
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

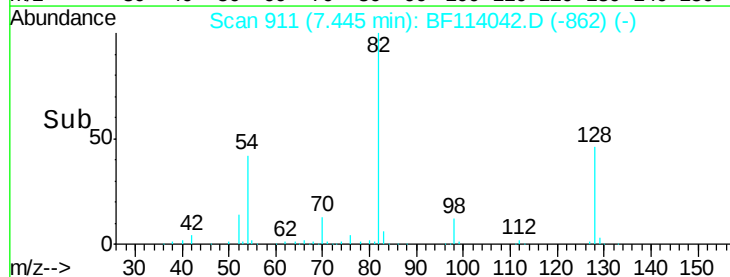
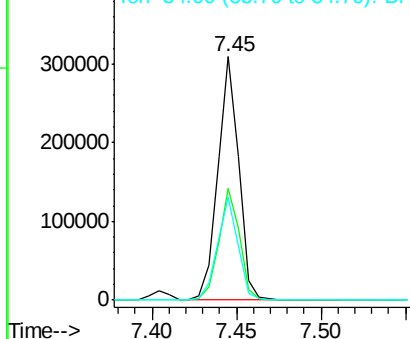
Tgt Ion:	82	Resp:	267124
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.8	55.2
54	42.4	33.8	50.6

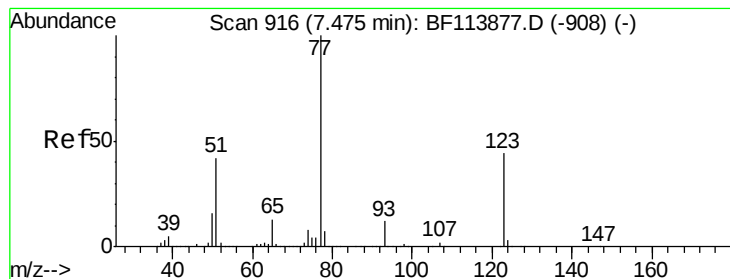


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 17.300 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampled :

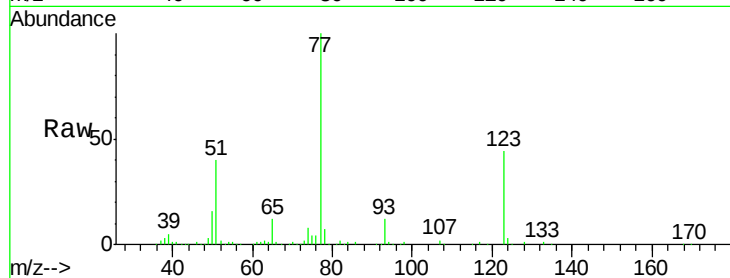
Tot Ion: 77 Resp: 142223

Ion Ratio Lower Upper

77 100

123 44.3 36.3 54.5

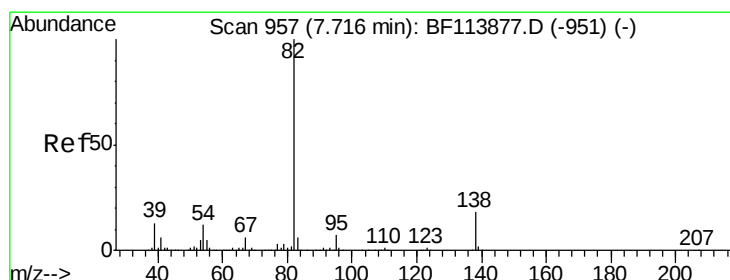
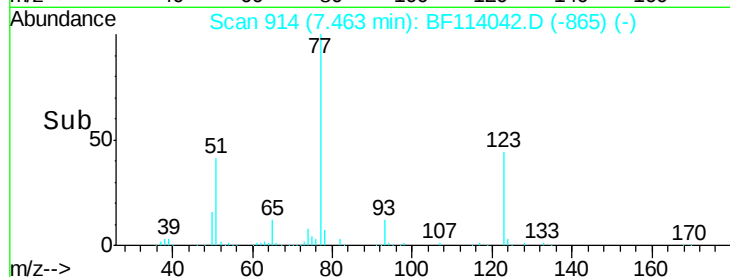
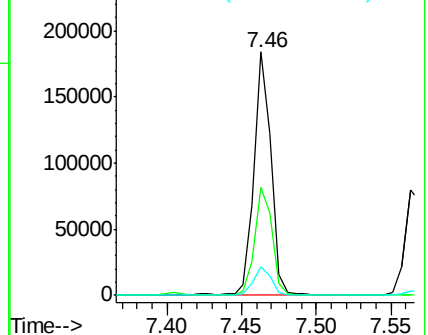
65 12.0 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 16.899 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

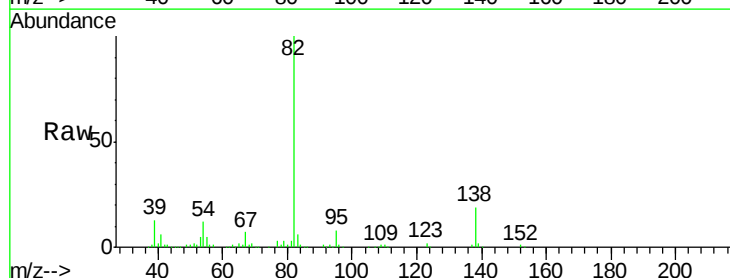
Tgt Ion: 82 Resp: 257257

Ion Ratio Lower Upper

82 100

95 7.7 5.4 8.2

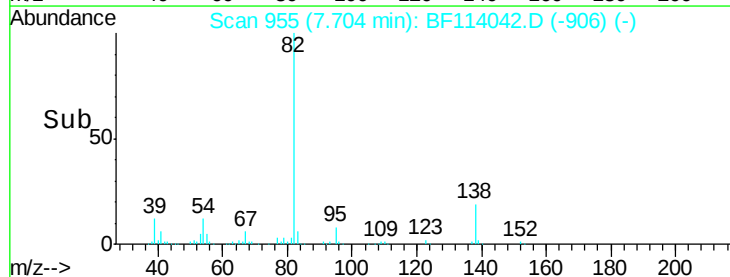
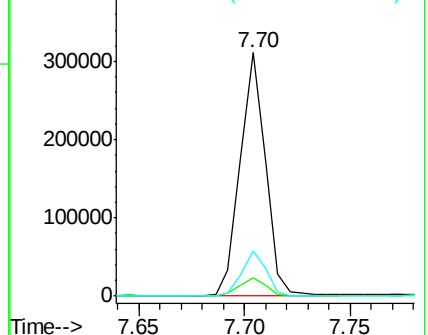
138 18.5 14.6 22.0

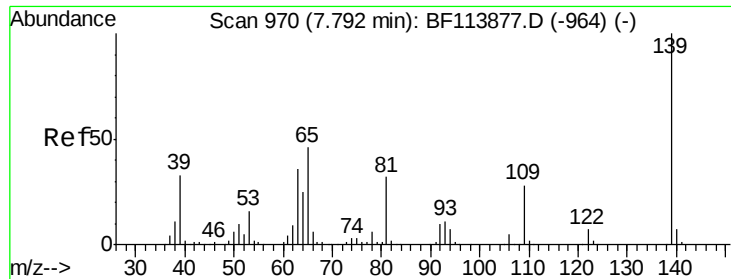


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

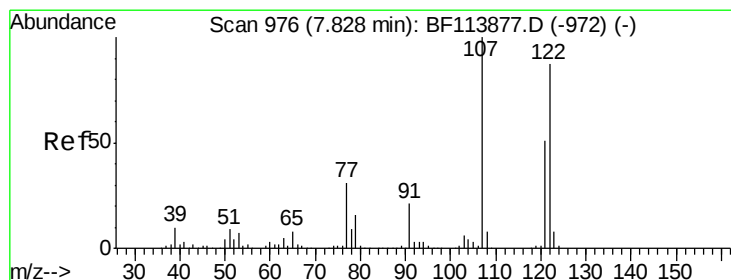
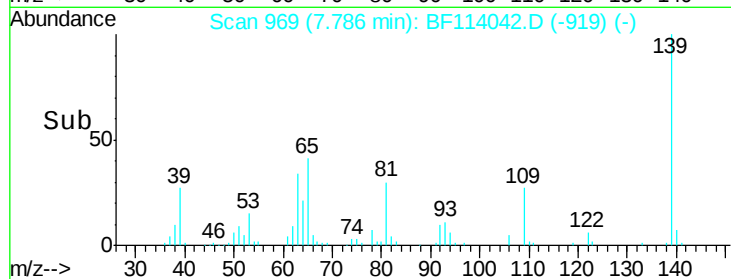
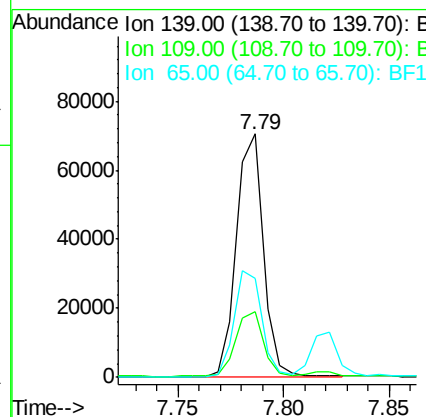
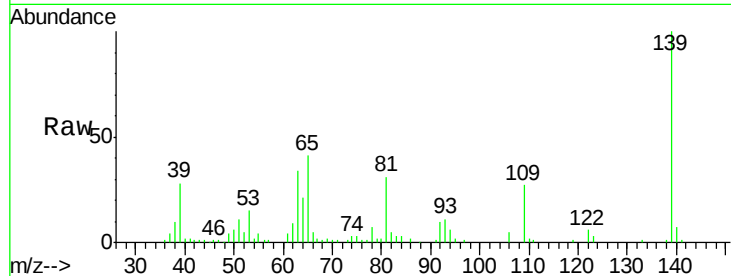




#26
 2-Nitrophenol
 Concen: 16.664 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

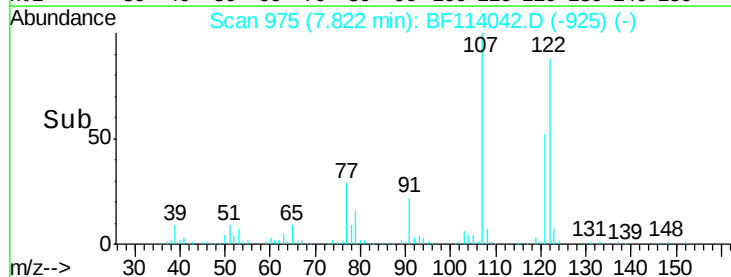
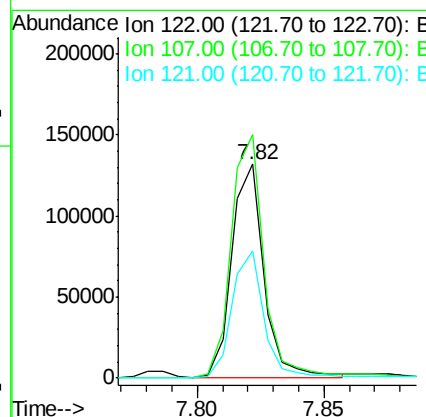
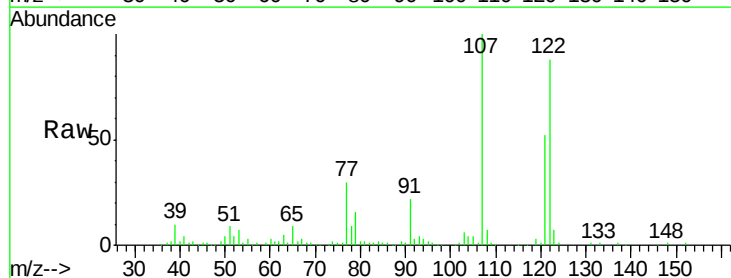
Instrument :
 BNA_F
 ClientSampleId :

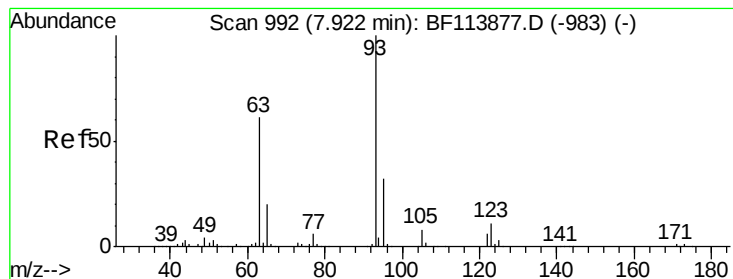
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.6	31.0
65	40.9	34.6	52.0



#27
 2,4-Dimethylphenol
 Concen: 19.138 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.2	136.8
121	59.5	46.4	69.6





#28

bis(2-Chloroethoxy)methane

Concen: 17.083 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

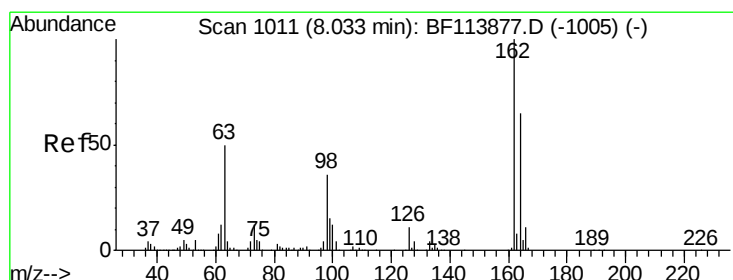
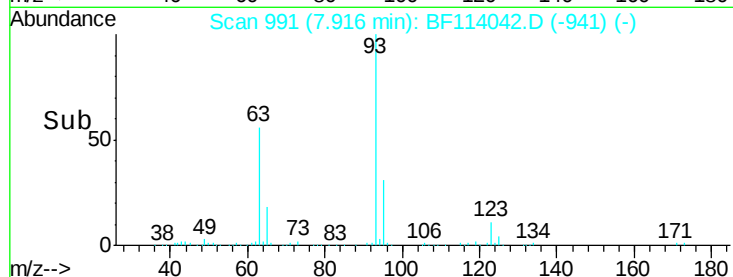
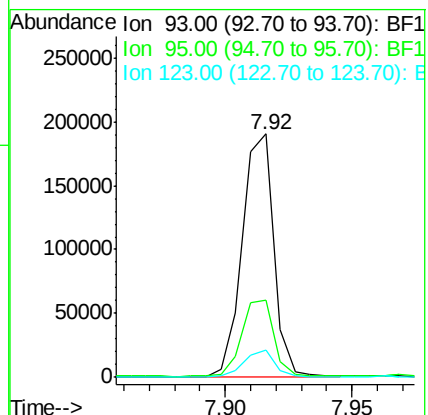
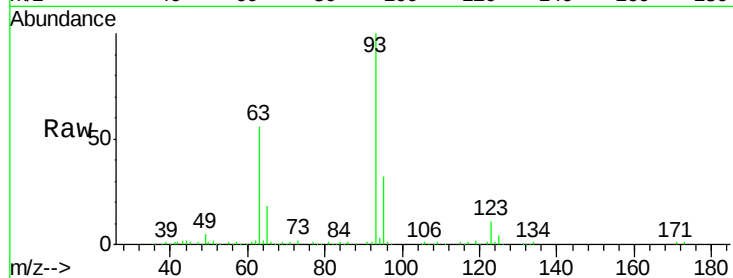
Tot Ion: 93 Resp: 165719

Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.6

123 11.2 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 17.337 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

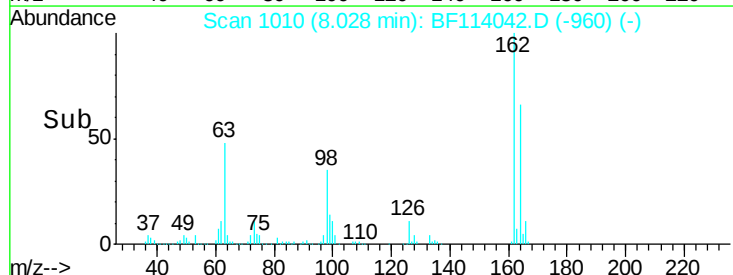
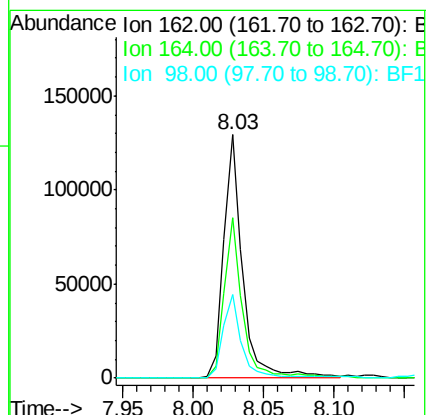
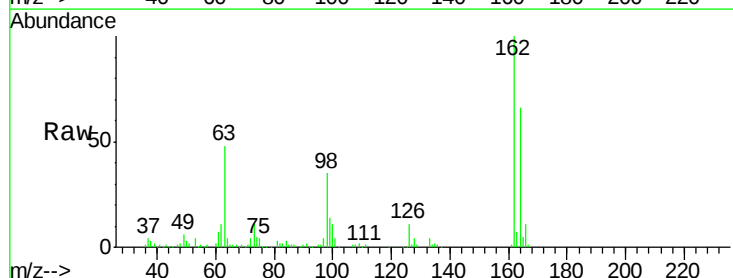
Tgt Ion:162 Resp: 121142

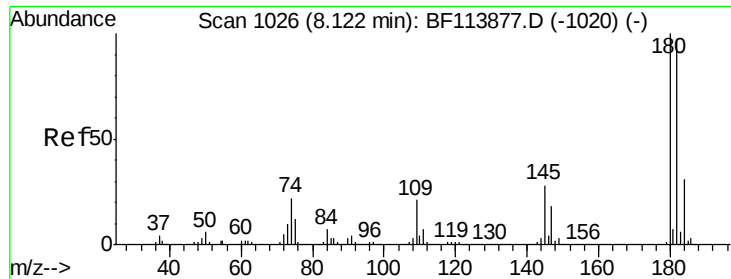
Ion Ratio Lower Upper

162 100

164 65.9 43.7 83.7

98 34.6 15.5 55.5

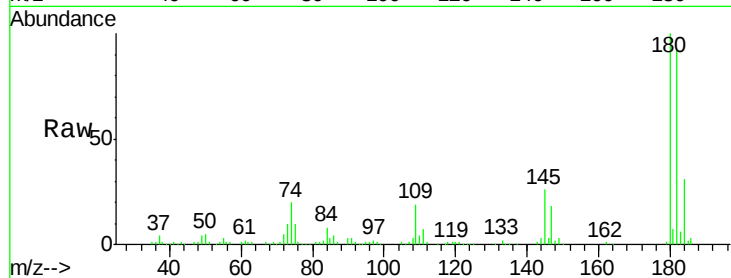




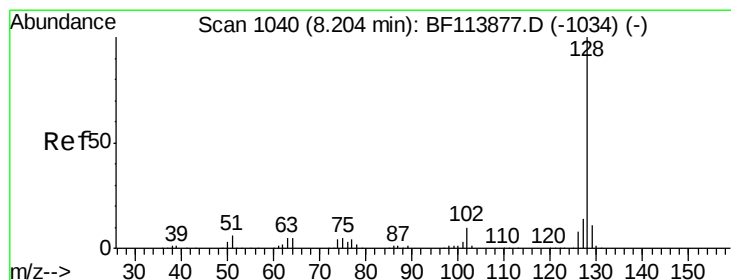
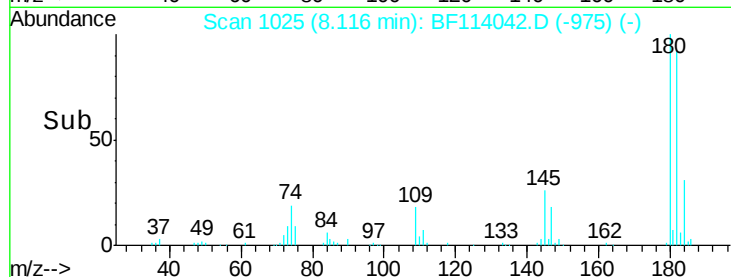
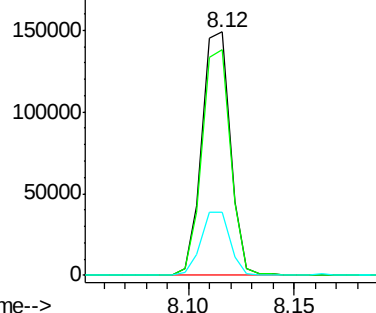
#30
 1,2,4-Trichlorobenzene
 Concen: 17.843 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 139014
 Ion Ratio Lower Upper
 180 100
 182 92.5 75.4 113.0
 145 26.0 23.0 34.4

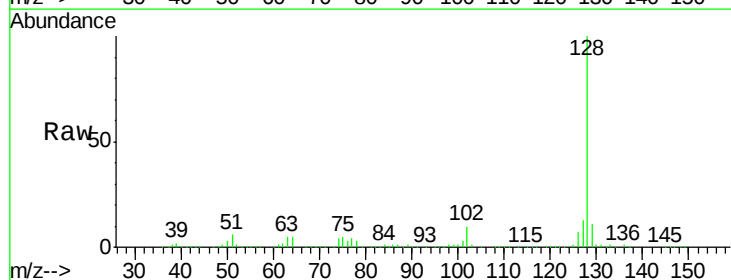


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

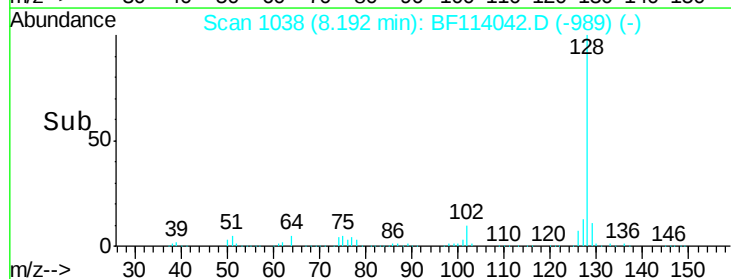
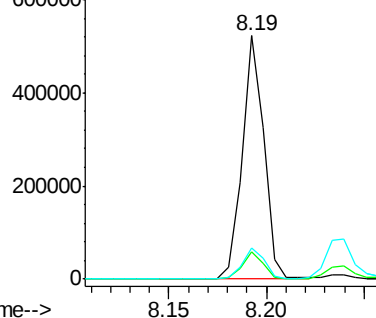


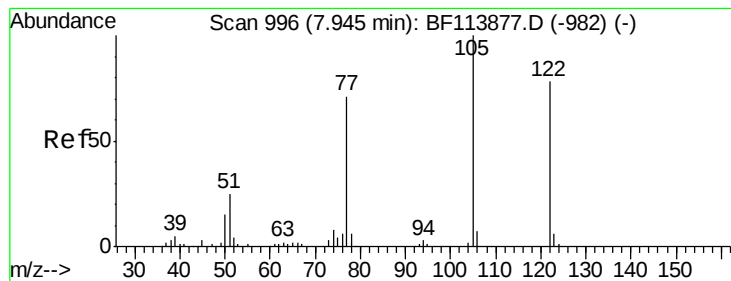
#31
 Naphthalene
 Concen: 18.413 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion:128 Resp: 401816
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.4 14.0
 127 13.0 10.8 16.2



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





#32

Benzoic acid

Concen: 28.339 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.12 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

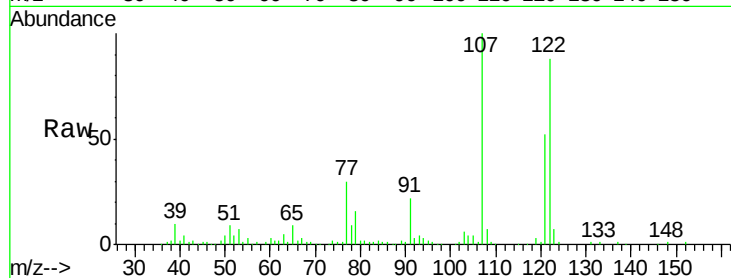
Tot Ion:122 Resp: 116942

Ion Ratio Lower Upper

122 100

105 4.5 104.3 144.3#

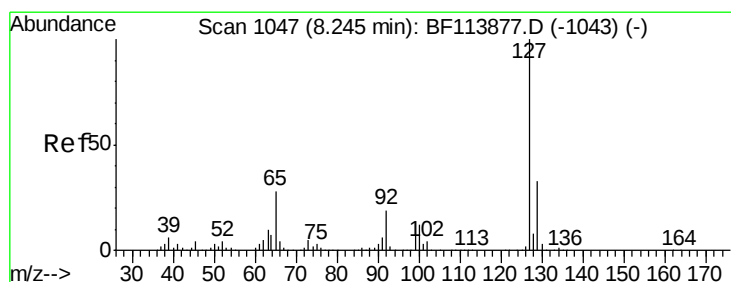
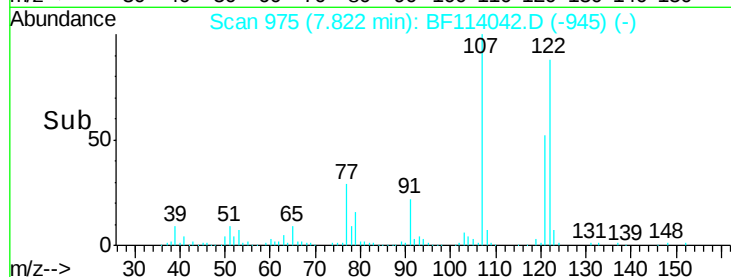
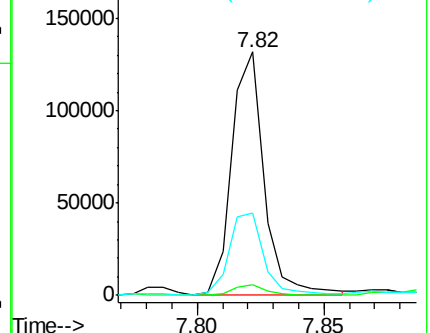
77 34.0 70.4 110.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 10.467 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Tgt Ion:127 Resp: 96655

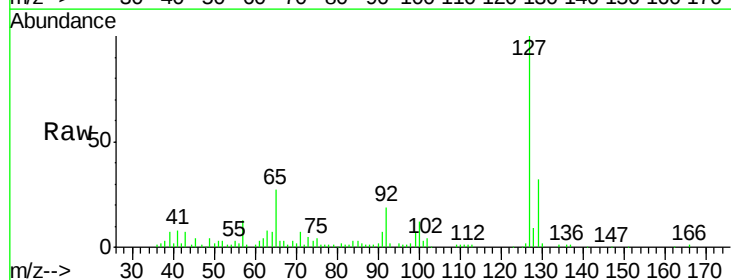
Ion Ratio Lower Upper

127 100

129 32.1 26.4 39.6

65 26.6 24.9 37.3

92 18.9 15.9 23.9

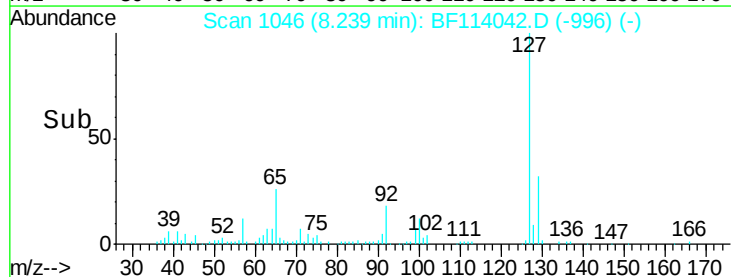
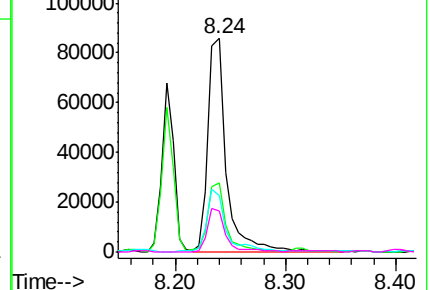


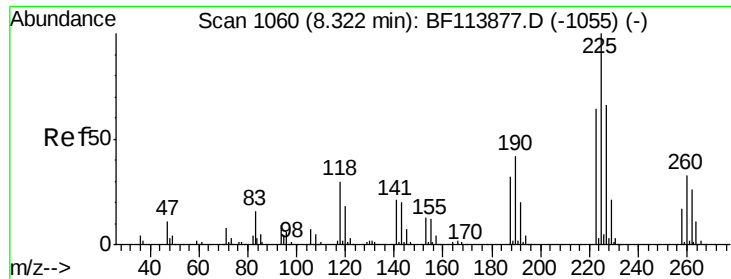
Abundance Ion 127.00 (126.70 to 127.70): E

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: 17.132 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :
BNA_F
ClientSampled :

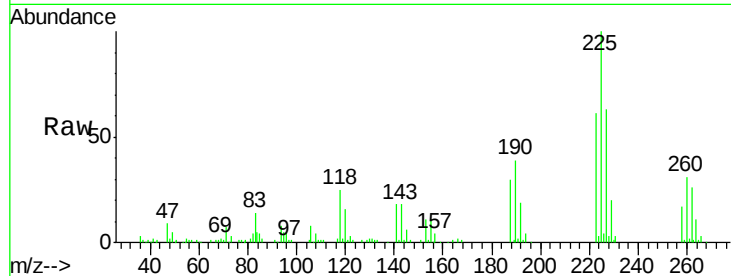
Tot Ion:225 Resp: 83209

Ion Ratio Lower Upper

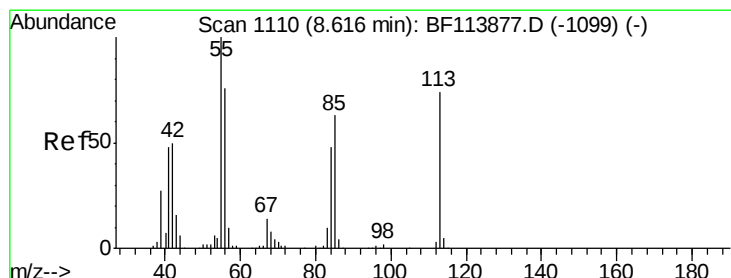
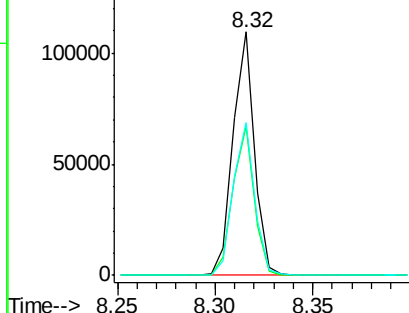
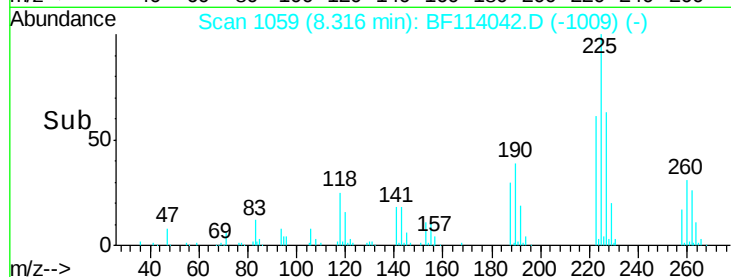
225 100

223 61.2 51.1 76.7

227 62.6 49.9 74.9



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: 16.992 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.04 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

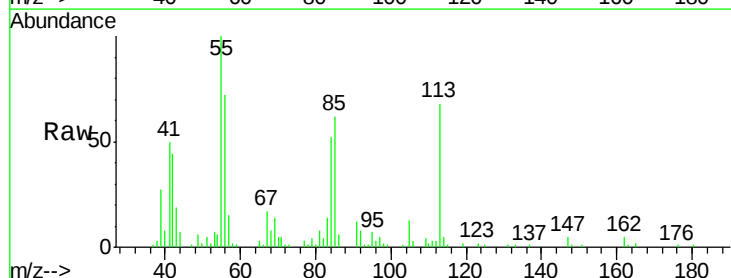
Tgt Ion:113 Resp: 37770

Ion Ratio Lower Upper

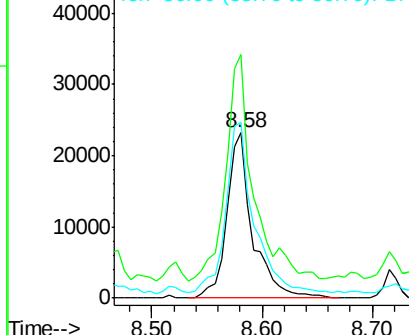
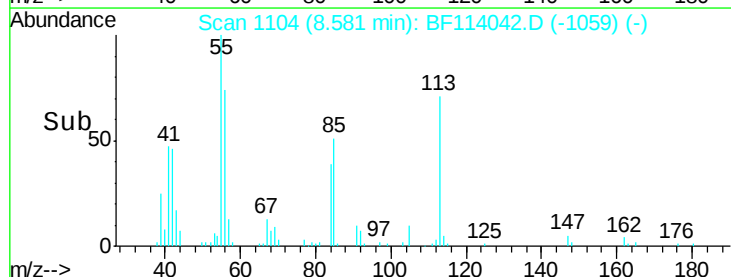
113 100

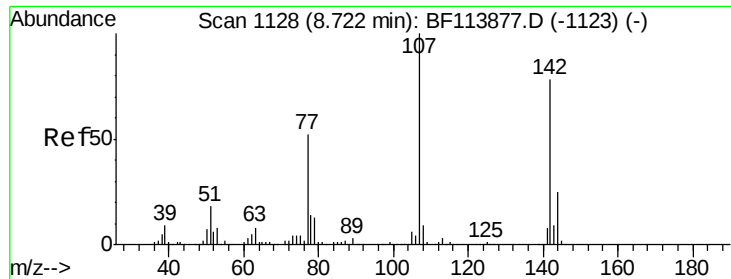
55 147.6 128.6 168.6

56 106.6 91.9 131.9



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

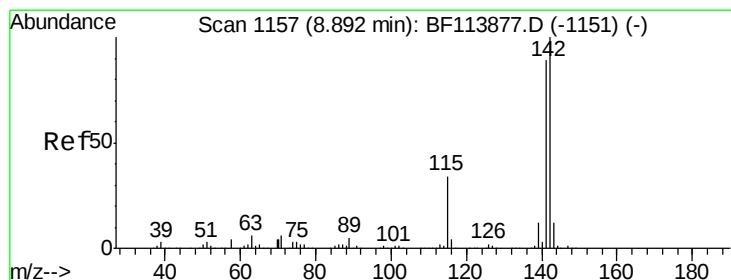
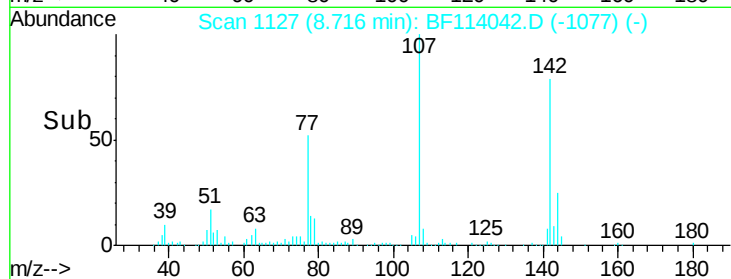
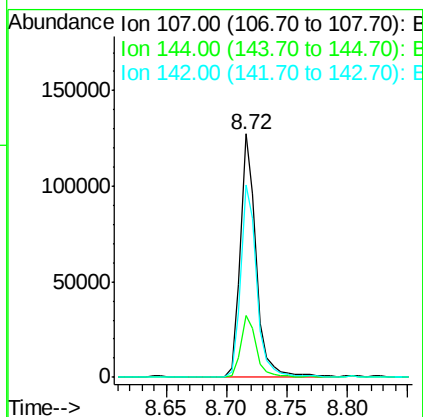
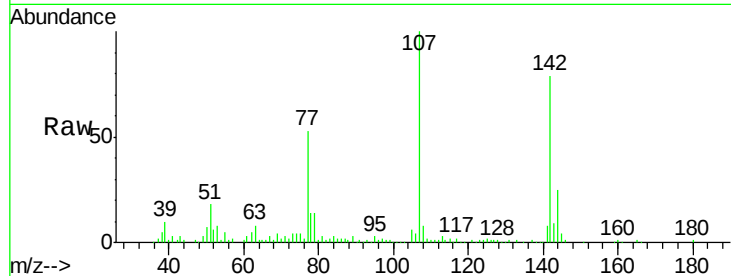




#36
 4-Chloro-3-methylphenol
 Concen: 17.067 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

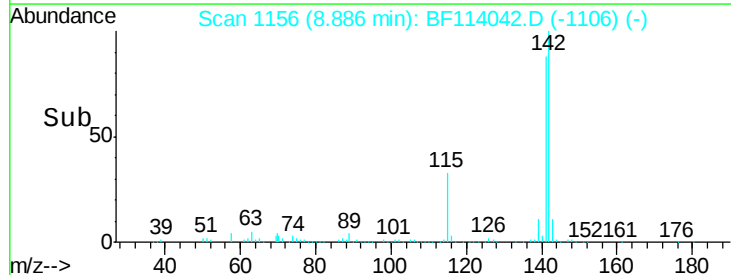
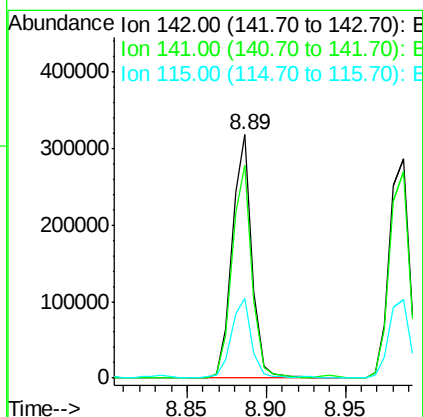
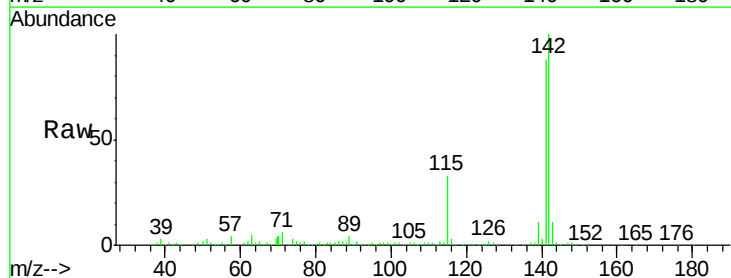
Instrument :
 BNA_F
 ClientSampleId :

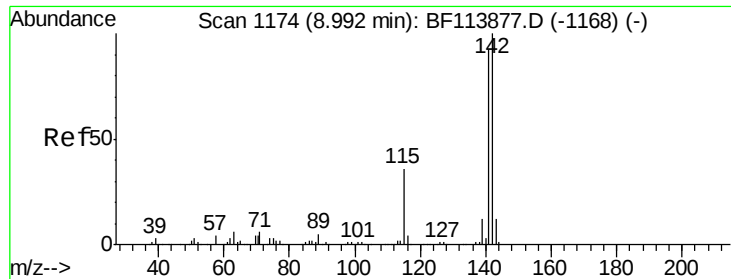
Tot Ion:107 Resp: 118152
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 78.9 64.2 96.4



#37
 2-Methylnaphthalene
 Concen: 18.620 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion:142 Resp: 274006
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.4 105.6
 115 32.7 26.3 39.5

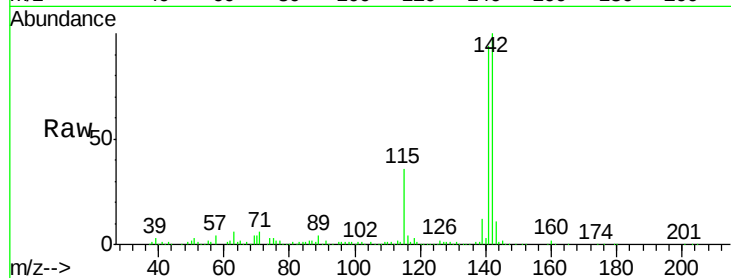




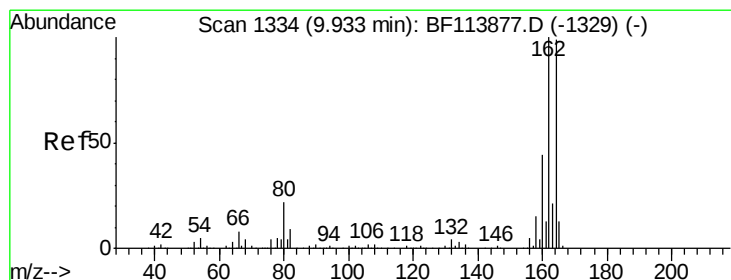
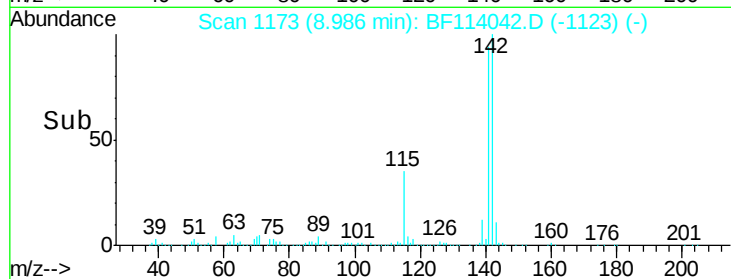
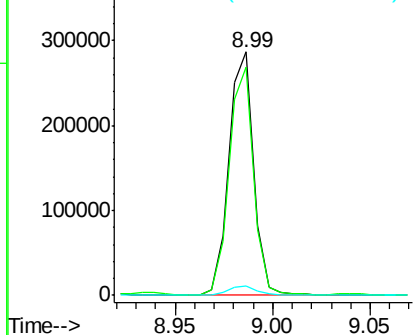
#38
1-Methylnaphthalene
Concen: 17.709 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.3	108.5
116	3.8	3.0	4.4

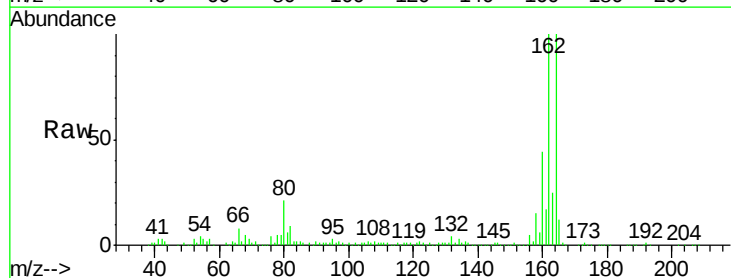


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

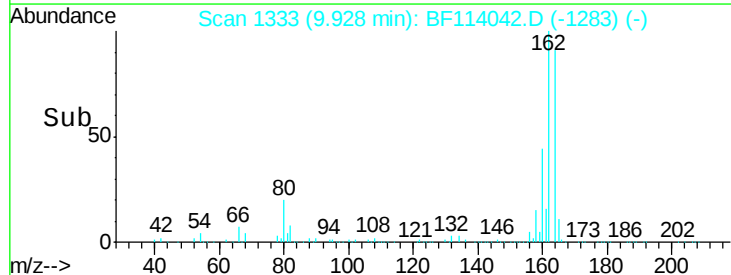
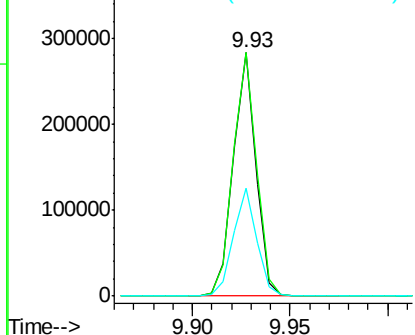


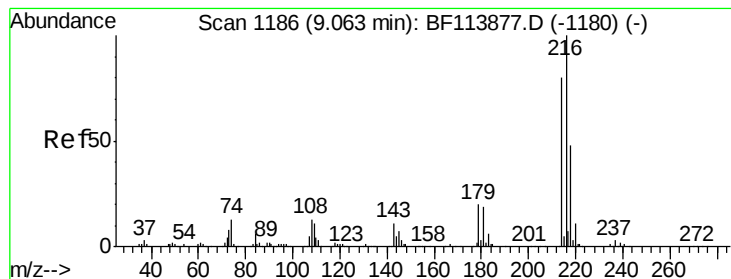
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.1	121.7
160	44.1	35.8	53.6



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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 18.616 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 137302

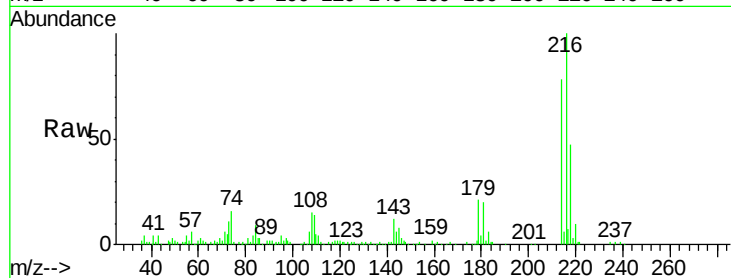
Ion Ratio Lower Upper

216 100

214 77.9 63.5 95.3

179 21.3 16.1 24.1

108 15.0 13.4 20.0

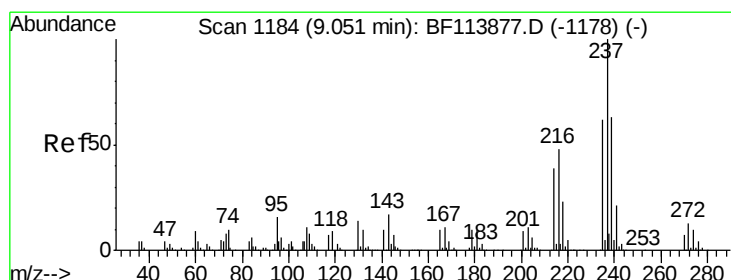
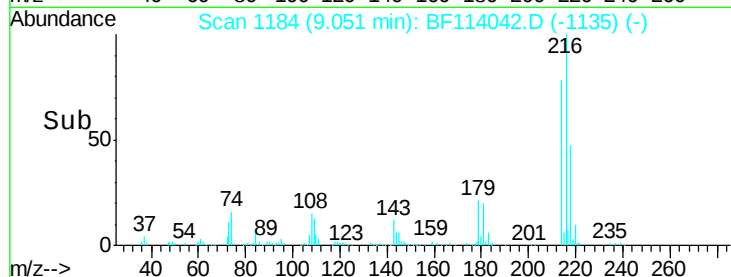
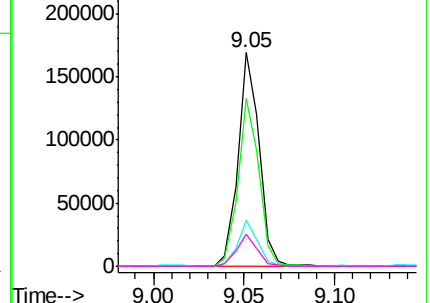


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 3.084 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

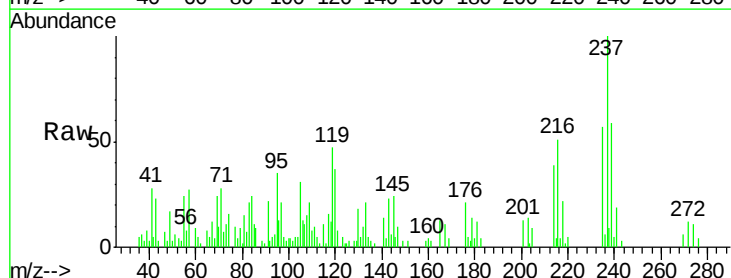
Tgt Ion:237 Resp: 12684

Ion Ratio Lower Upper

237 100

235 57.5 42.6 82.6

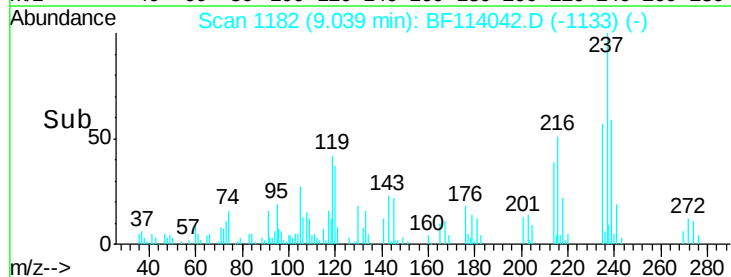
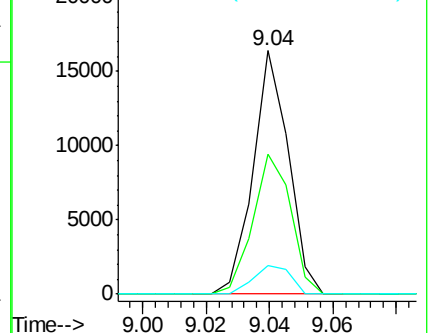
272 11.6 0.0 33.8

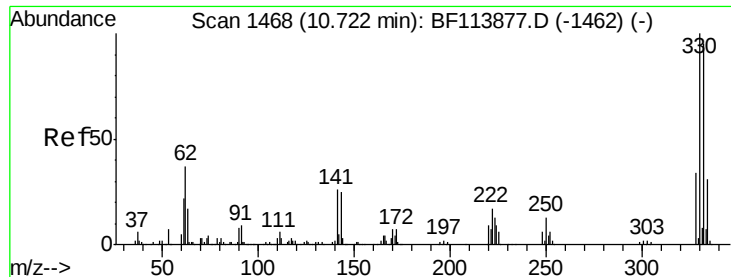


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

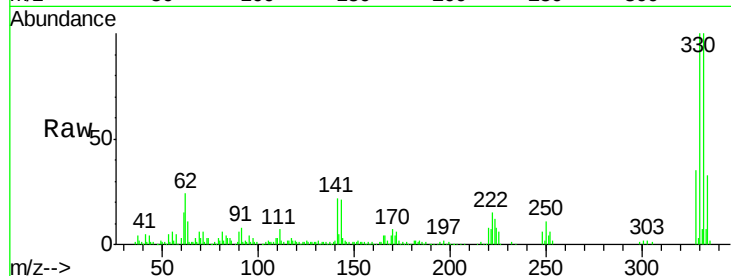




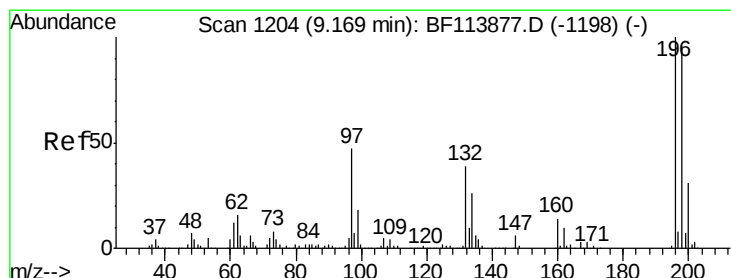
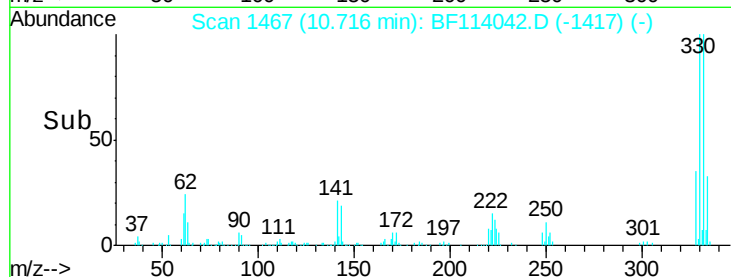
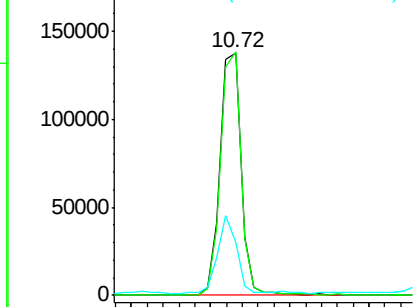
#42
 2,4,6-Tribromophenol
 Concen: 46.208 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	127814
Ion Ratio	100		
Lower		77.5	
Upper		116.3	
332	98.4		
141	28.5	22.2	33.2

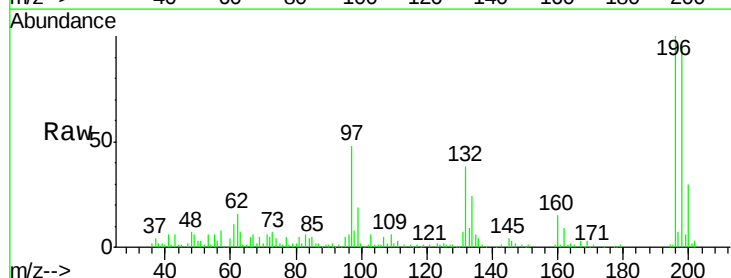


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

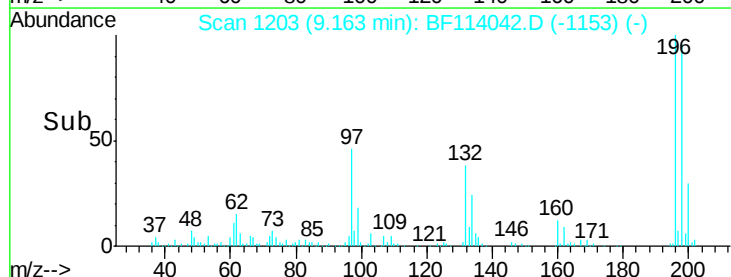
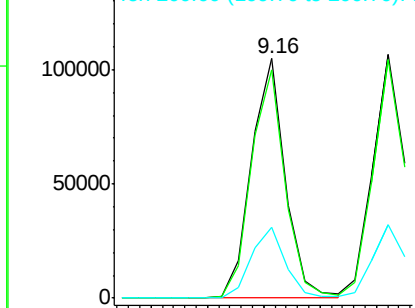


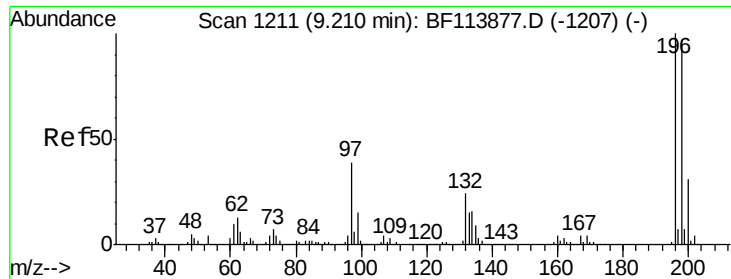
#43
 2,4,6-Trichlorophenol
 Concen: 18.629 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion	196	Resp	87250
Ion Ratio	100		
Lower		75.6	
Upper		113.4	
198	95.6		
200	29.7	24.7	37.1



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

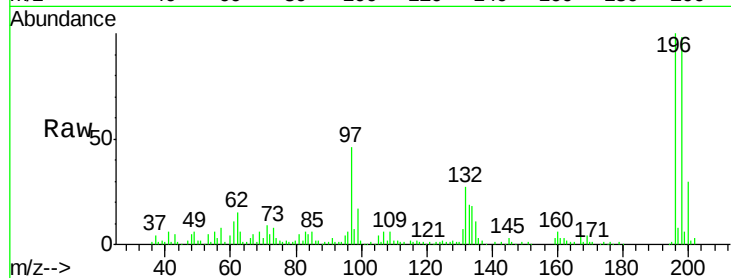




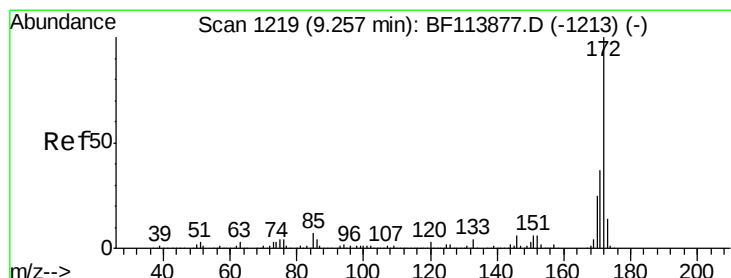
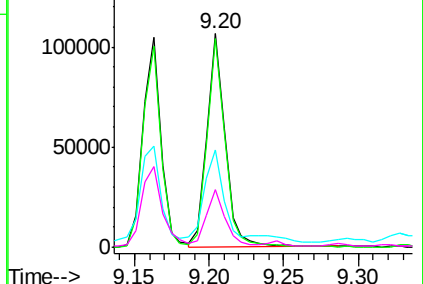
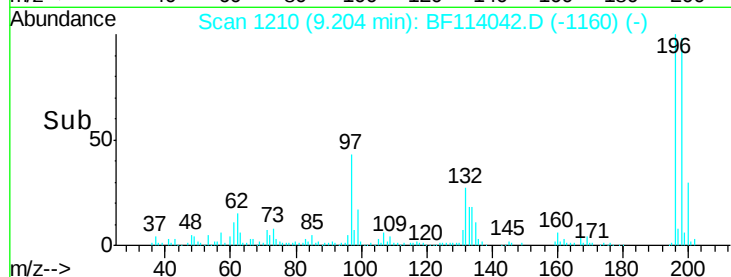
#44
 2,4,5-Trichlorophenol
 Concen: 17.153 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.2	114.4
97	45.6	35.8	53.8
132	27.0	20.9	31.3

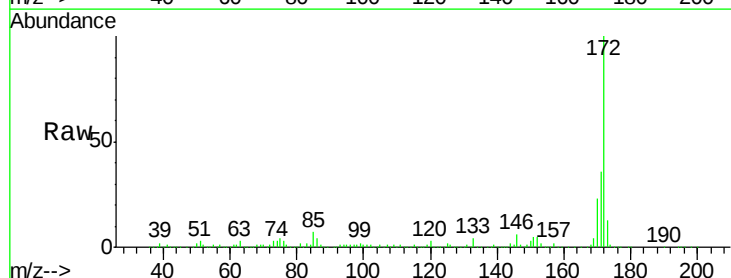


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

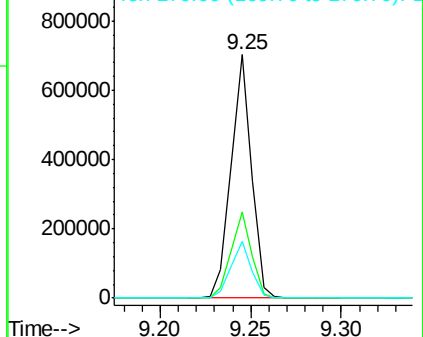
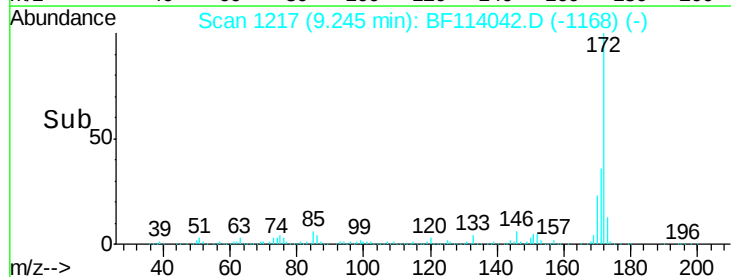


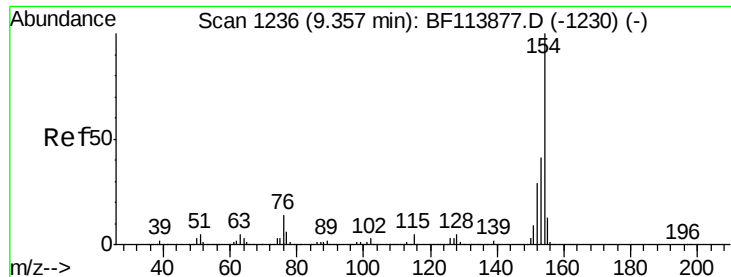
#45
 2-Fluorobiphenyl
 Concen: 38.255 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.5	19.9	29.9



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

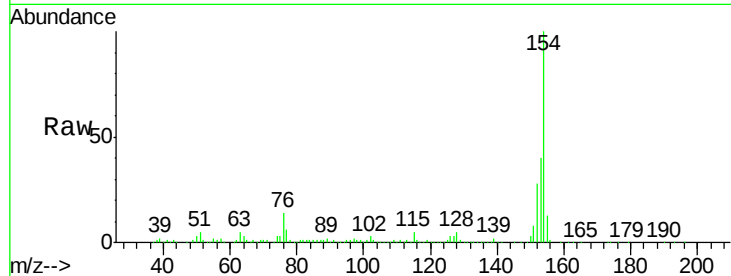




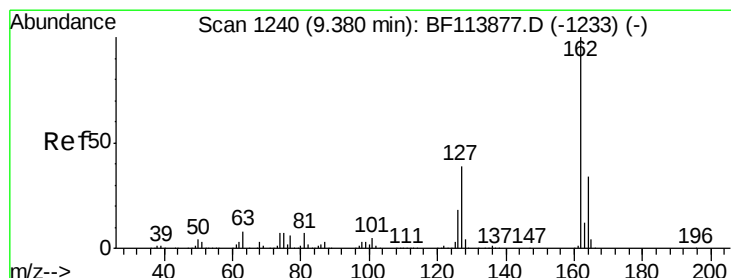
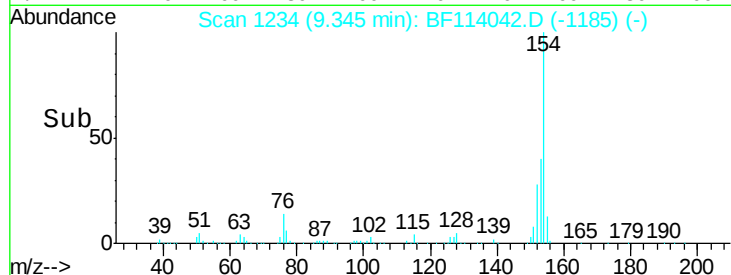
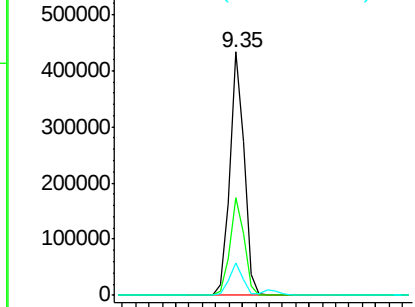
#46
1,1'-Biphenyl
Concen: 19.139 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.8	60.8
76	13.6	0.0	35.2

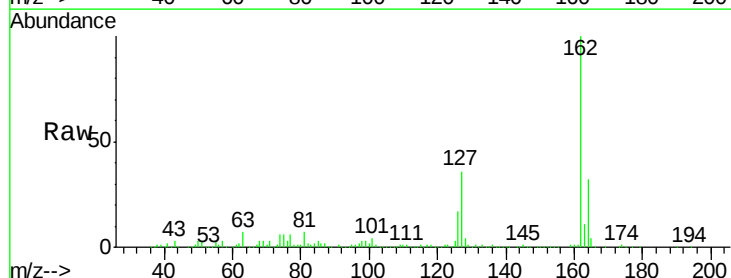


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

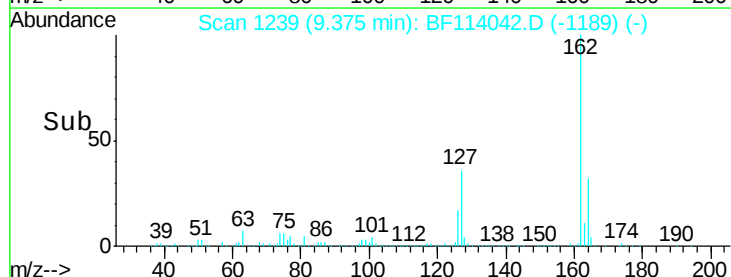
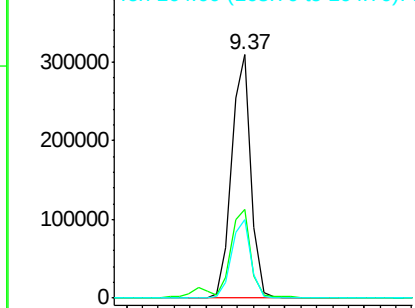


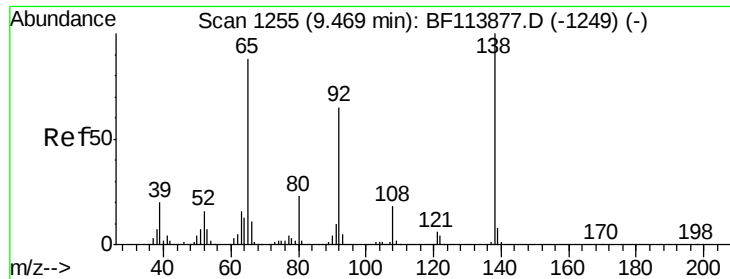
#47
2-Chloronaphthalene
Concen: 18.389 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.3	43.9
164	32.3	27.1	40.7



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

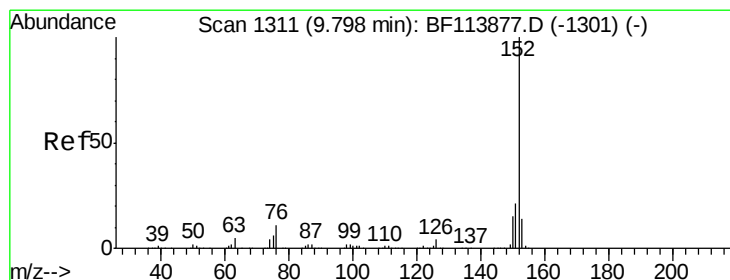
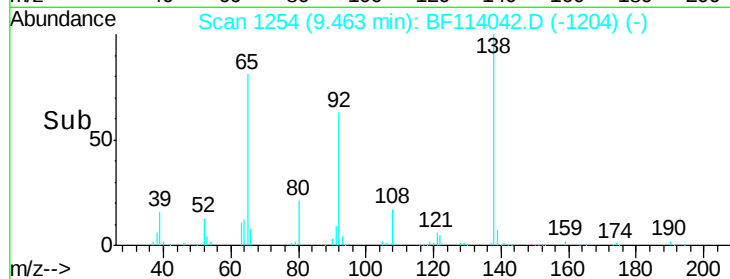
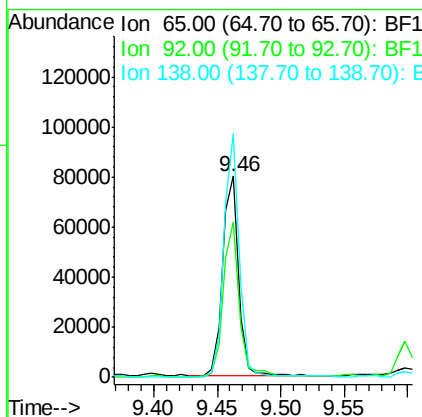
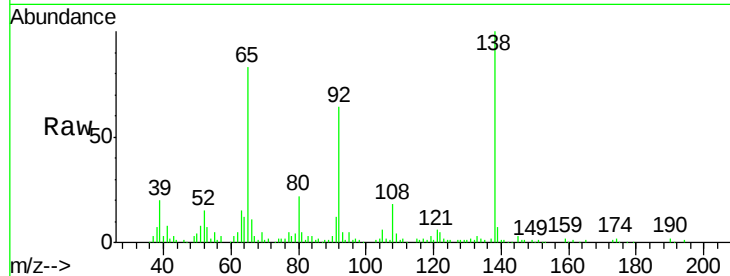




#48
 2-Nitroaniline
 Concen: 18.976 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

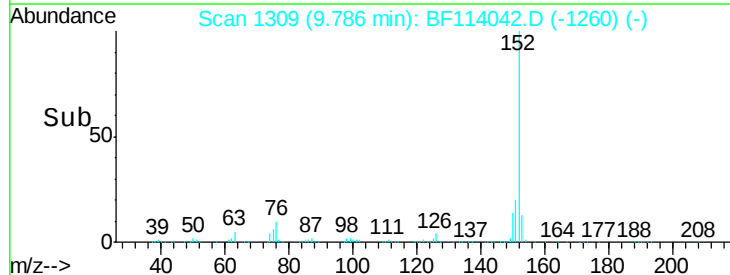
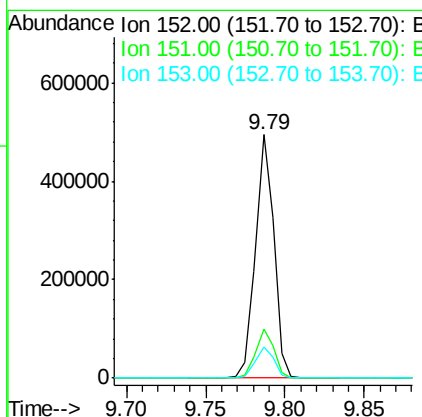
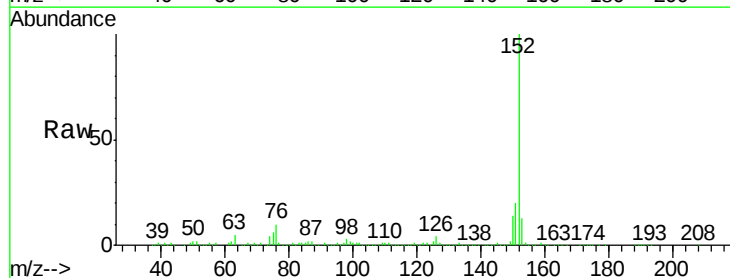
Instrument :
 BNA_F
 ClientSampleId :

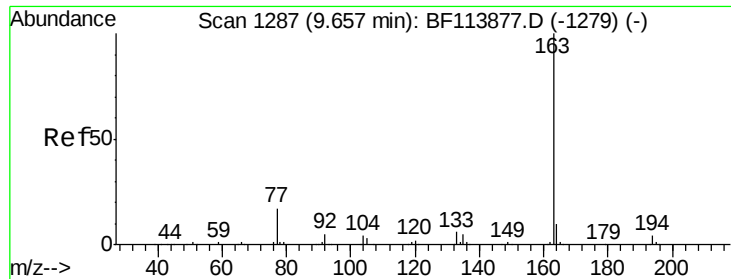
Tot Ion: 65 Resp: 70169
 Ion Ratio Lower Upper
 65 100
 92 77.3 57.4 86.0
 138 121.2 85.4 128.0



#49
 Acenaphthylene
 Concen: 18.042 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion: 152 Resp: 398427
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.0 25.4
 153 12.9 11.0 16.6

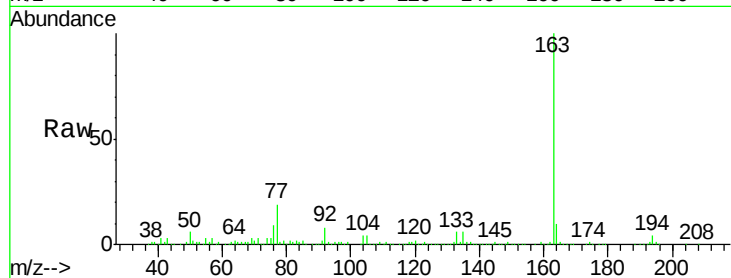




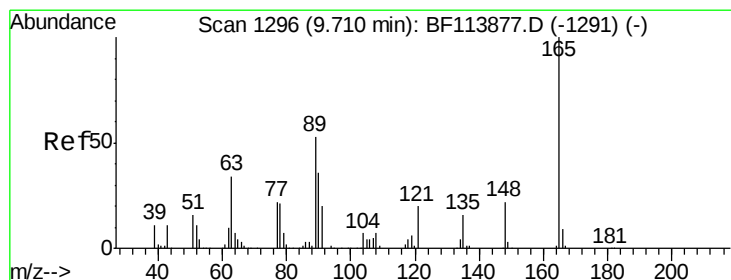
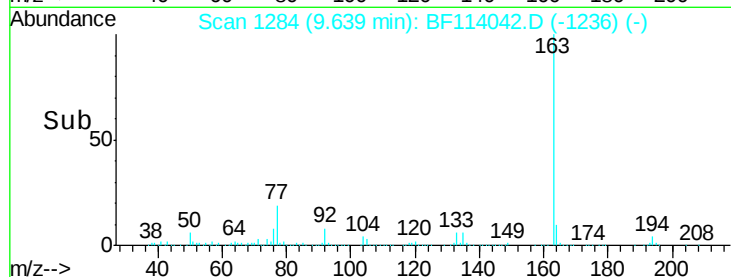
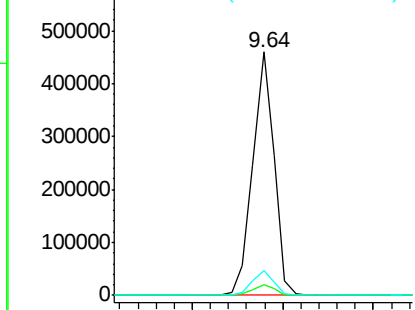
#50
Dimethylphthalate
Concen: 22.862 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 375428
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.5 12.7

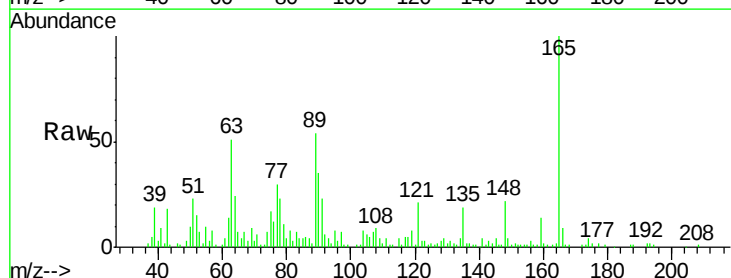


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

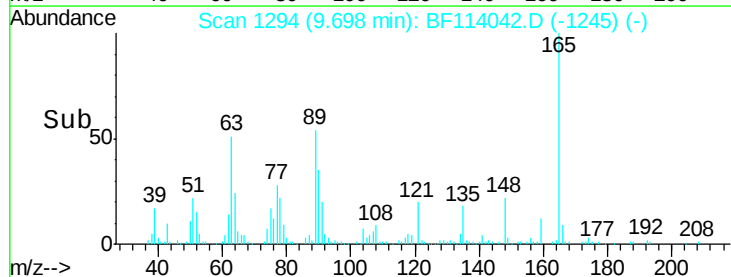
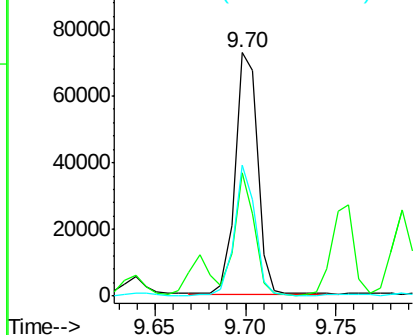


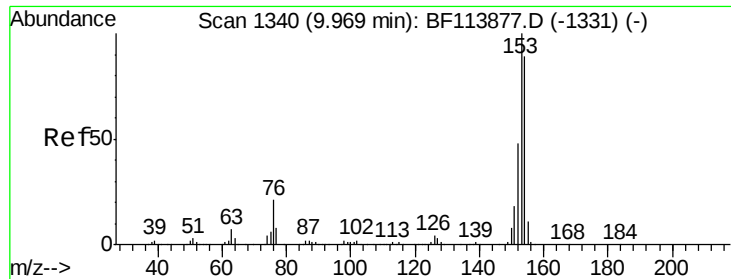
#51
2,6-Dinitrotoluene
Concen: 17.855 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion:165 Resp: 62904
Ion Ratio Lower Upper
165 100
63 50.9 33.8 50.8#
89 53.6 38.2 57.2



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





#52

Acenaphthene

Concen: 17.503 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

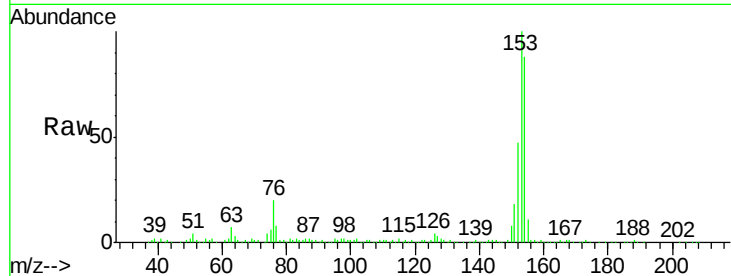
Tot Ion:154 Resp: 228425

Ion Ratio Lower Upper

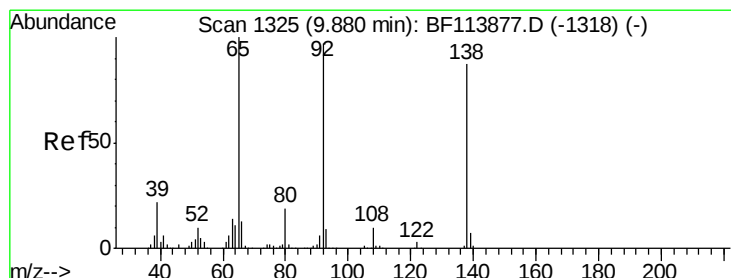
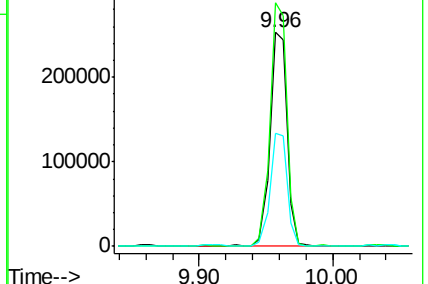
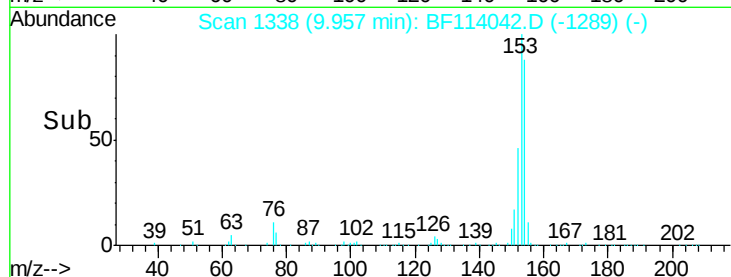
154 100

153 113.9 87.2 130.8

152 52.9 42.3 63.5



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: 15.272 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

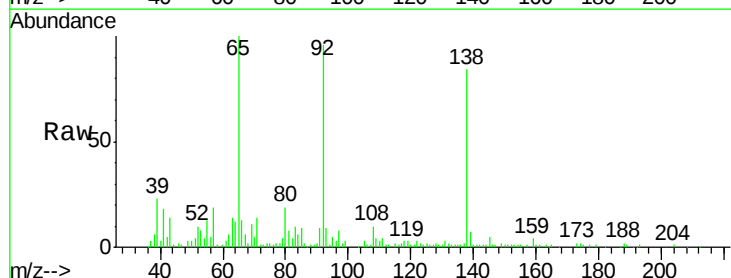
Tgt Ion:138 Resp: 56536

Ion Ratio Lower Upper

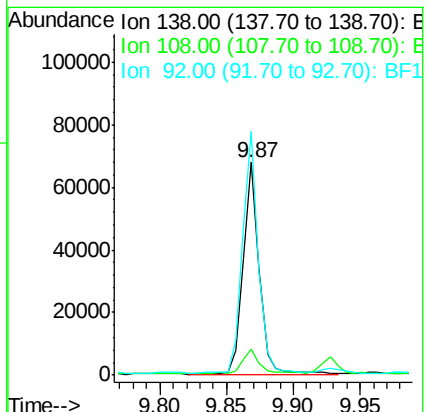
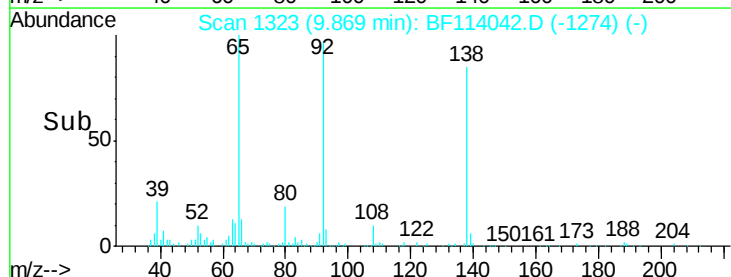
138 100

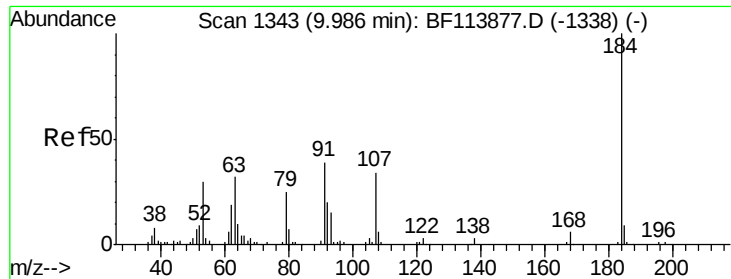
108 12.0 9.4 14.2

92 114.4 94.1 141.1



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

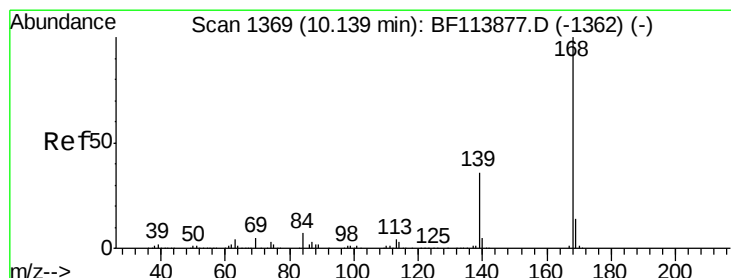
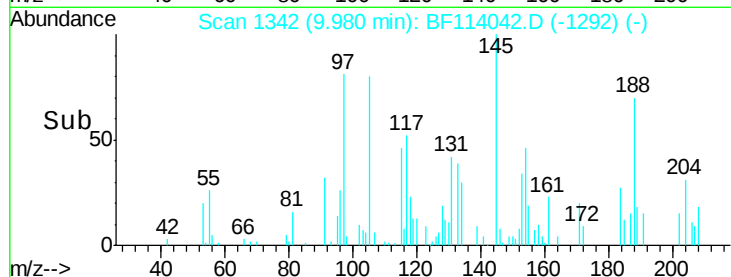
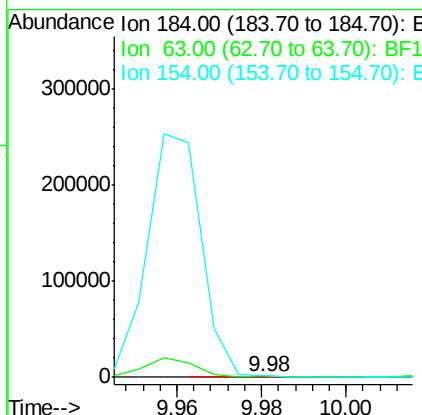
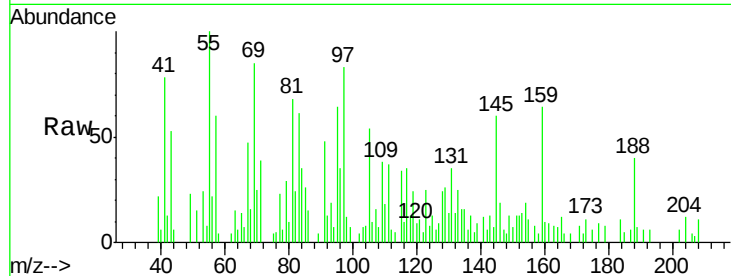




#54
 2,4-Dinitrophenol
 Concen: 8.850 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

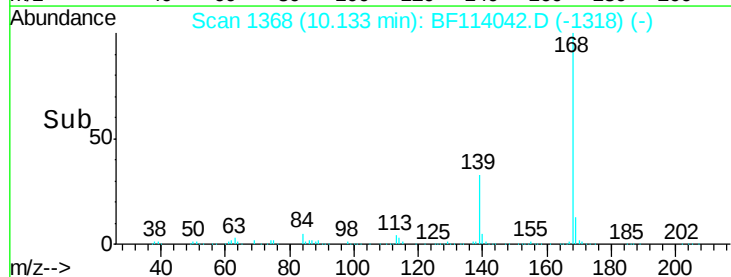
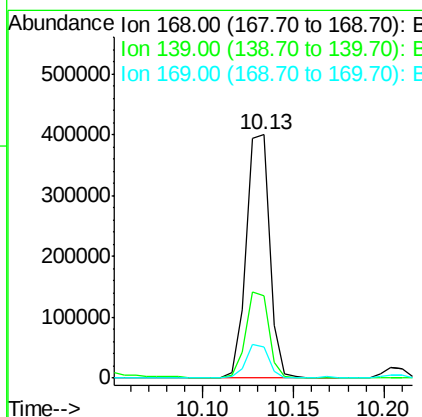
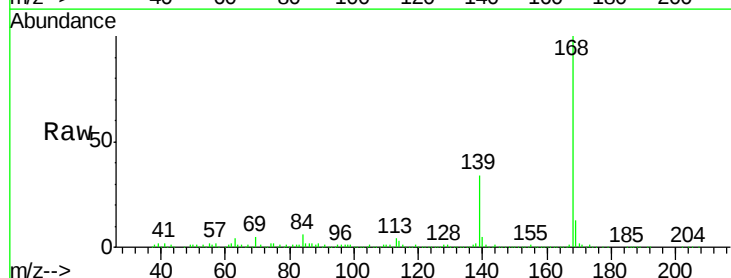
Instrument :
 BNA_F
 ClientSampleId :

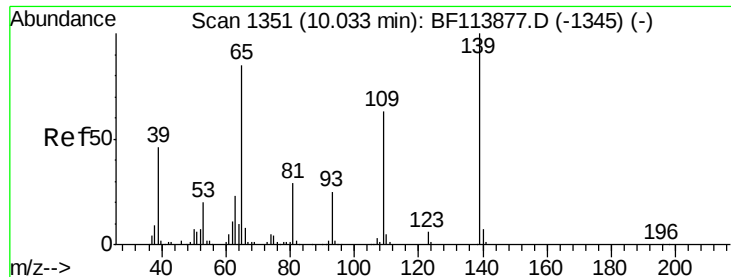
Tot Ion:184 Resp: 903
 Ion Ratio Lower Upper
 184 100
 63 139.0 54.6 81.8#
 154 169.4 218.6 328.0#



#55
 Dibenzofuran
 Concen: 18.263 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion:168 Resp: 357025
 Ion Ratio Lower Upper
 168 100
 139 33.7 27.8 41.6
 169 12.7 11.0 16.6

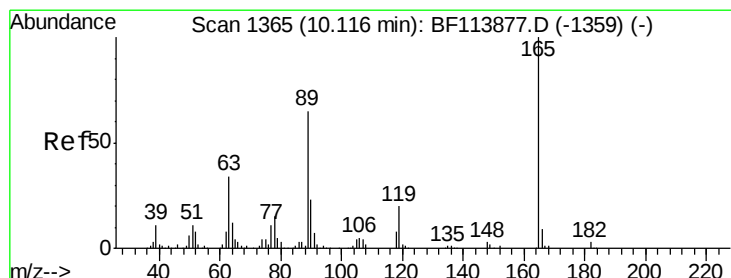
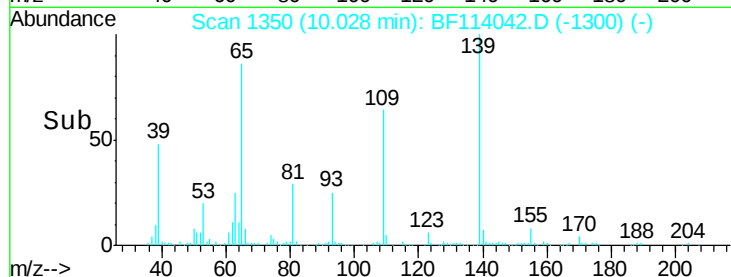
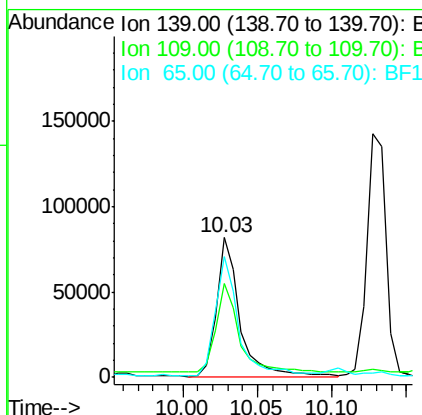
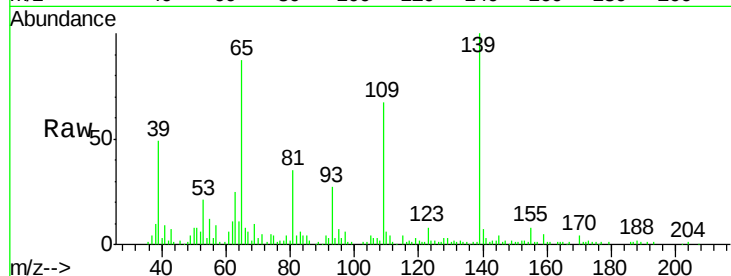




#56
4-Nitrophenol
Concen: 30.456 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

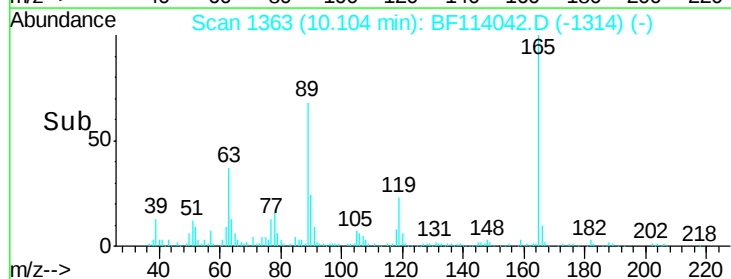
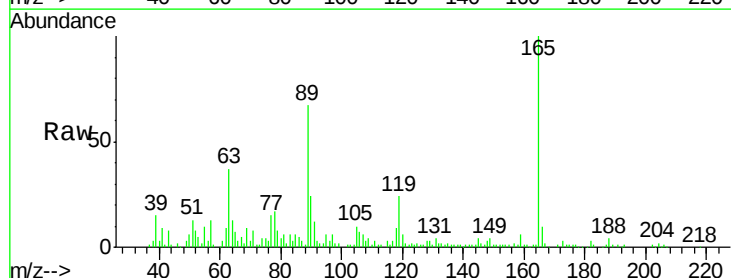
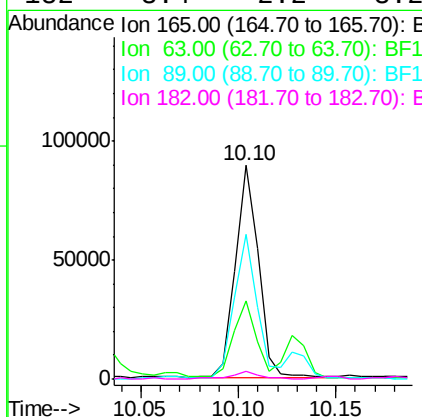
Instrument :
BNA_F
ClientSampleId :

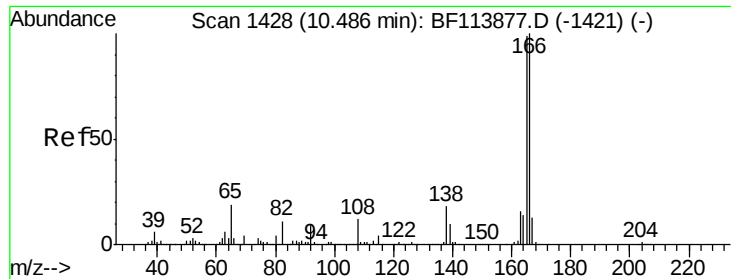
Tot Ion	Ratio	Lower	Upper
139	100		
109	67.4	42.9	82.9
65	86.6	64.4	104.4



#57
2,4-Dinitrotoluene
Concen: 16.333 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.8	27.4	41.0
89	67.5	51.8	77.6
182	3.4	2.2	3.2#





#58

Fluorene

Concen: 18.169 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

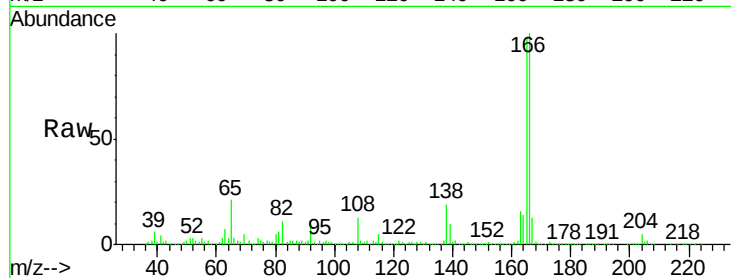
Tot Ion:166 Resp: 267403

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

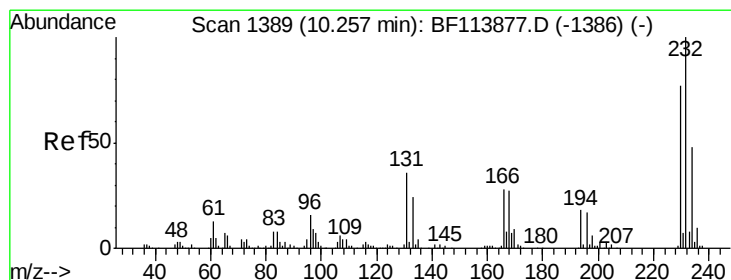
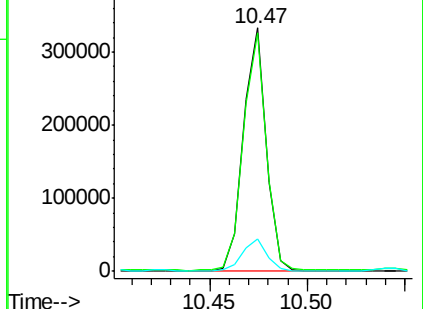
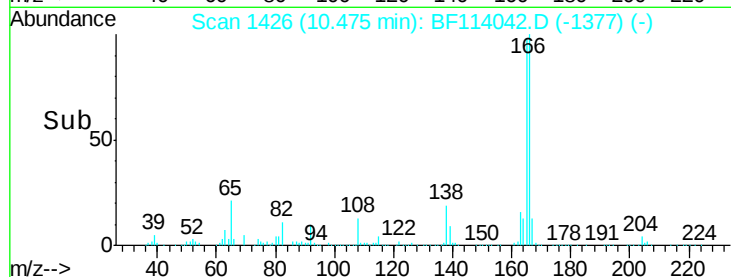
167 13.3 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 16.208 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Tgt Ion:232 Resp: 74825

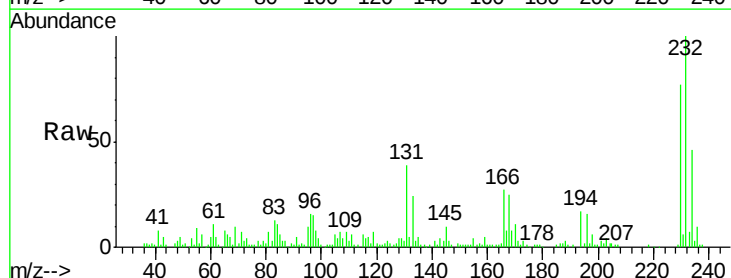
Ion Ratio Lower Upper

232 100

131 43.9 30.2 45.2

130 4.2 1.5 2.3#

166 27.7 22.2 33.4

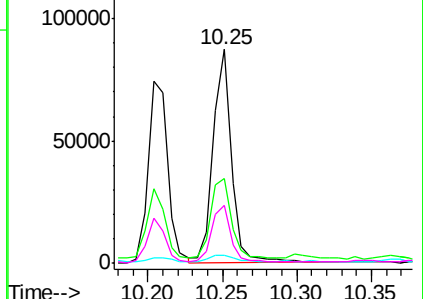
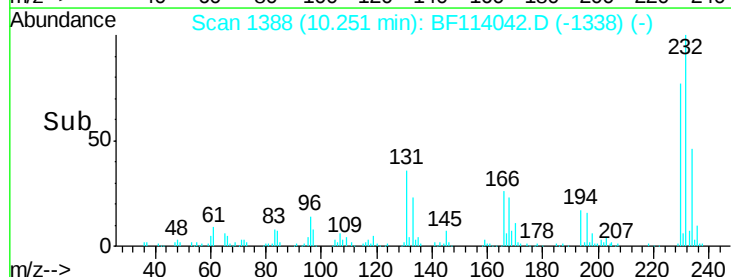


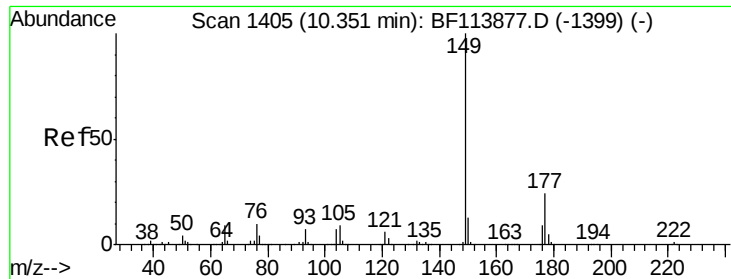
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 18.625 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

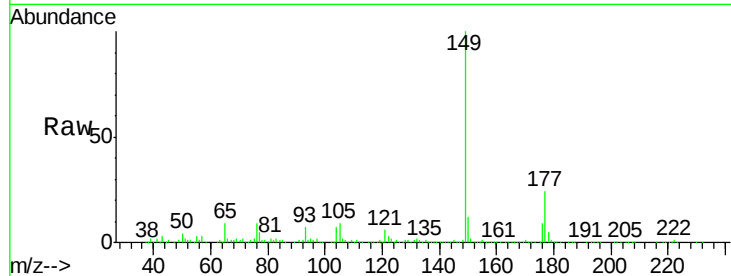
Tot Ion:149 Resp: 290437

Ion Ratio Lower Upper

149 100

177 23.6 19.2 28.8

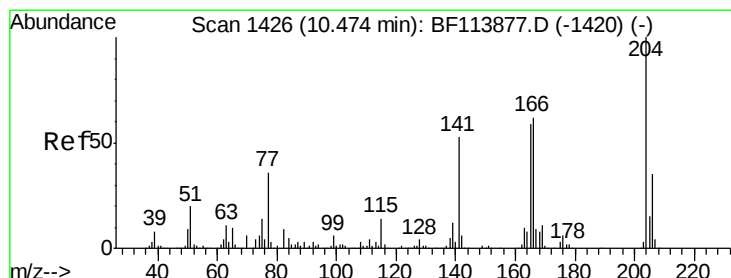
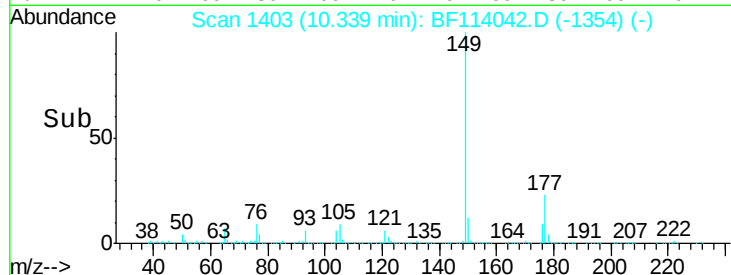
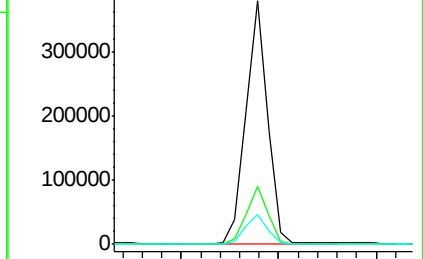
150 12.3 10.3 15.5



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: 18.092 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

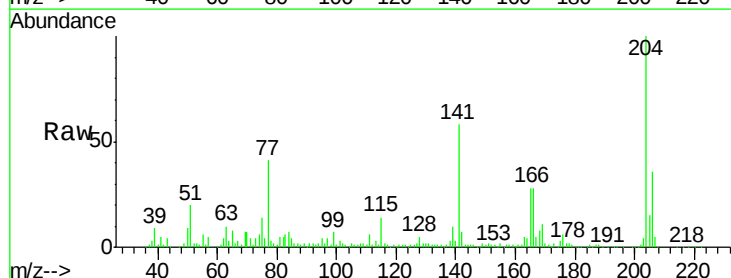
Tgt Ion:204 Resp: 141020

Ion Ratio Lower Upper

204 100

206 35.9 27.4 41.2

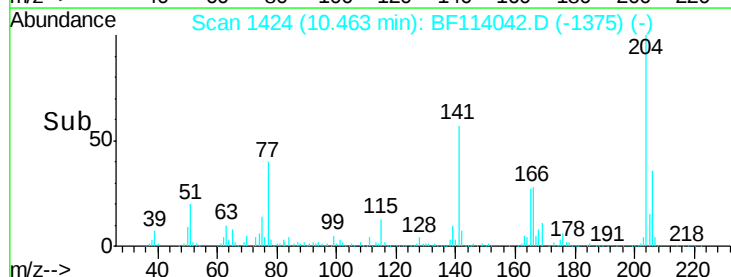
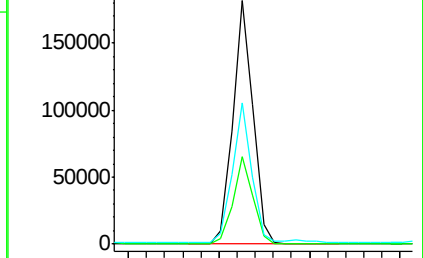
141 58.0 42.6 63.8

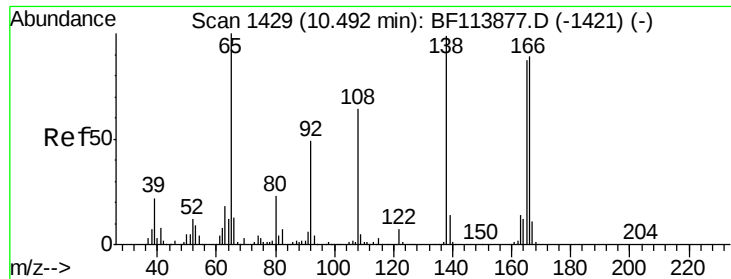


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 16.272 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

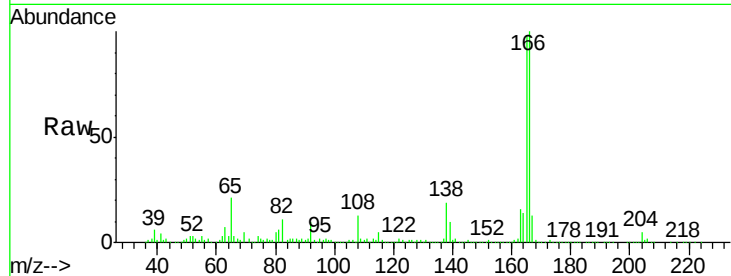
Tot Ion:138 Resp: 58784

Ion Ratio Lower Upper

138 100

92 50.6 31.3 71.3

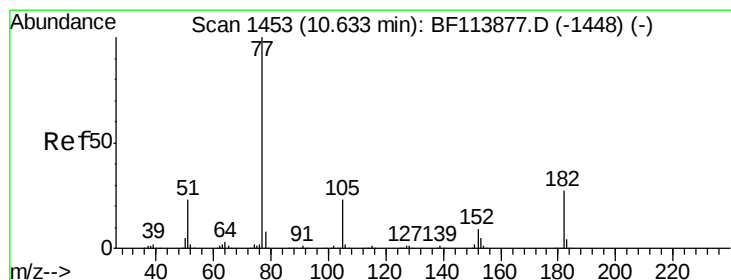
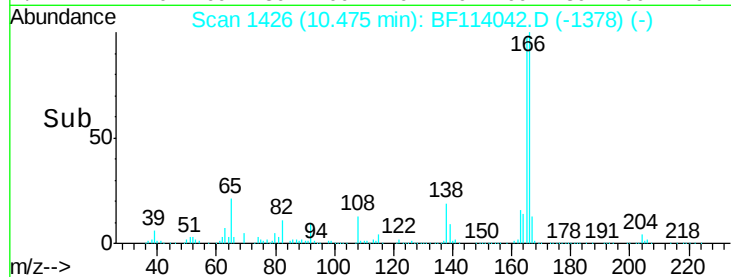
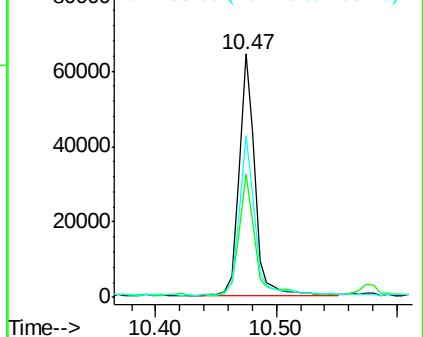
108 66.2 48.9 88.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 16.735 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Tgt Ion: 77 Resp: 252929

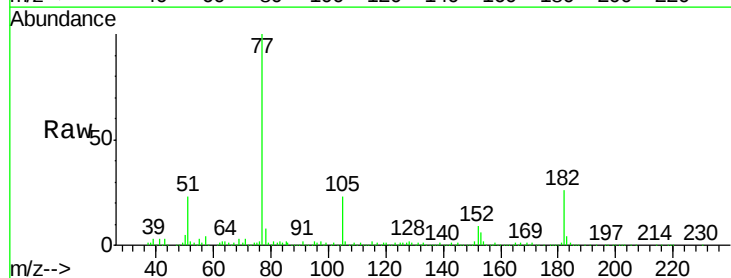
Ion Ratio Lower Upper

77 100

182 26.4 4.4 44.4

105 22.7 2.2 42.2

51 22.9 3.9 43.9

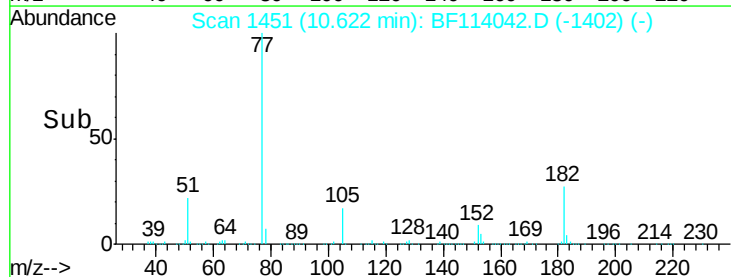
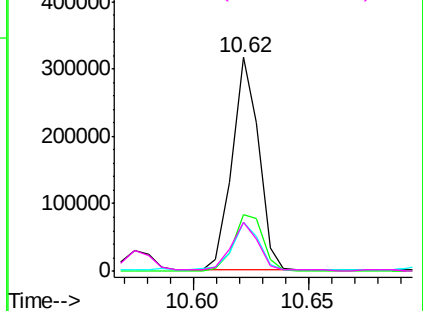


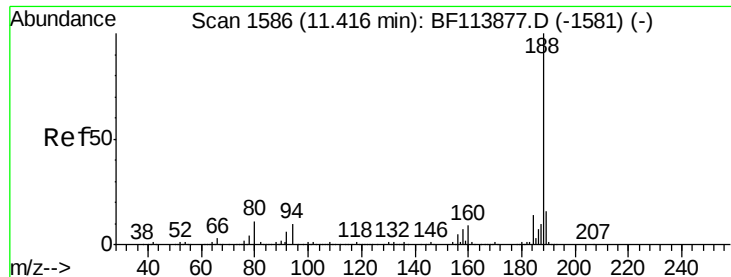
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

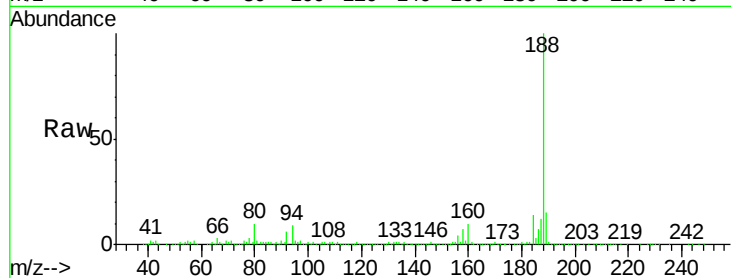
Tot Ion:188 Resp: 401450

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

80 10.2 9.0 13.6

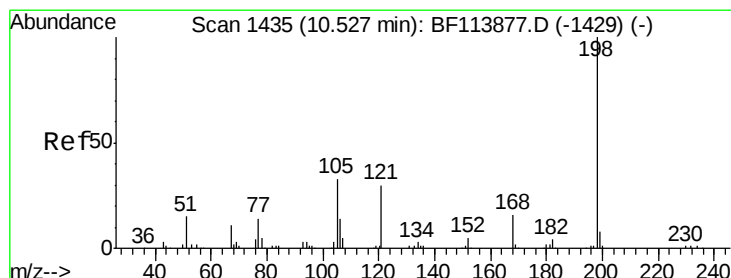
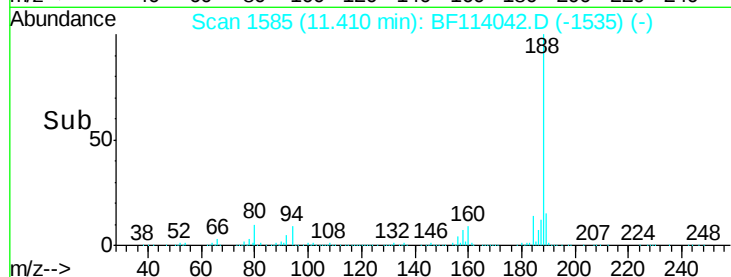
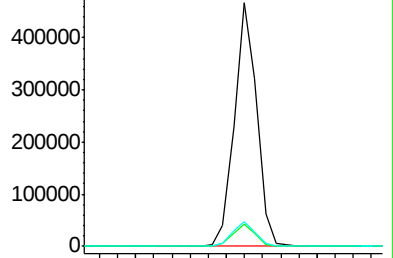


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.41



#65

4,6-Dinitro-2-methylphenol

Concen: 8.788 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

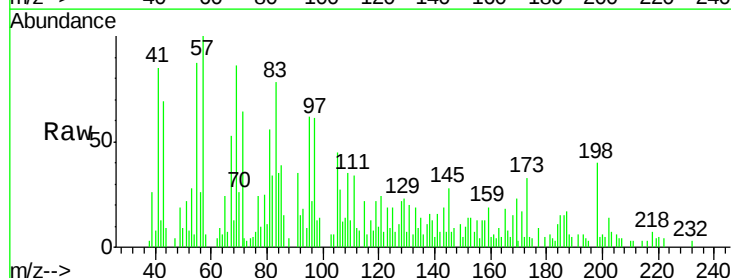
Tgt Ion:198 Resp: 3211

Ion Ratio Lower Upper

198 100

51 54.3 11.1 51.1#

105 111.6 20.7 60.7#

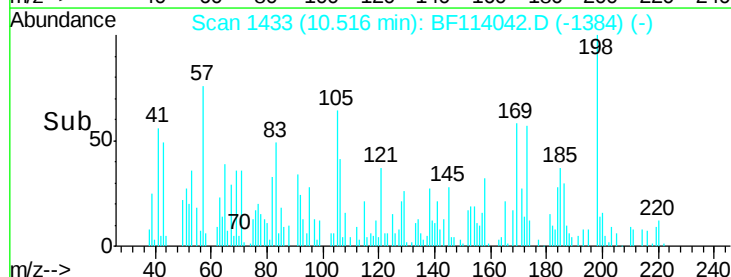
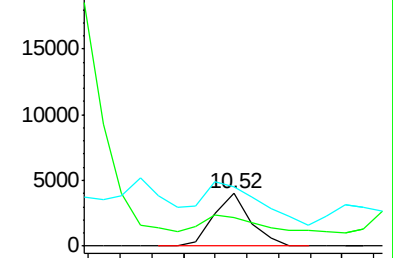


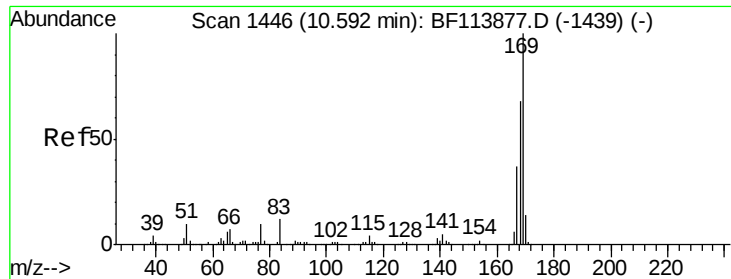
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.52

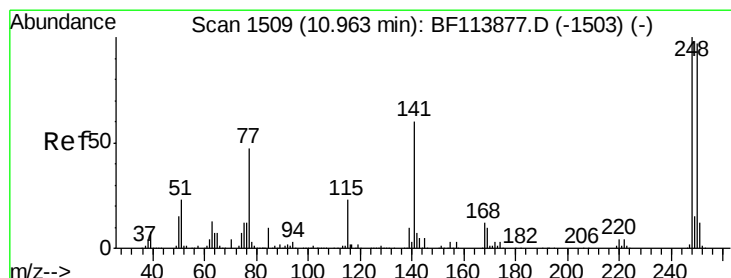
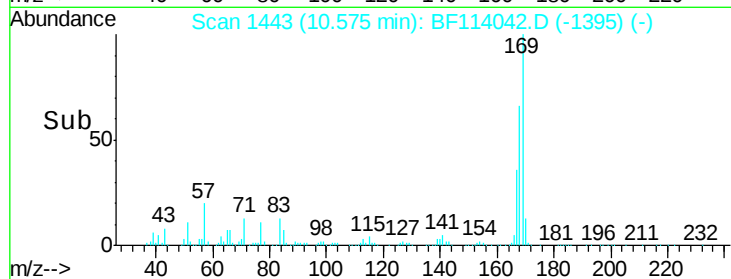
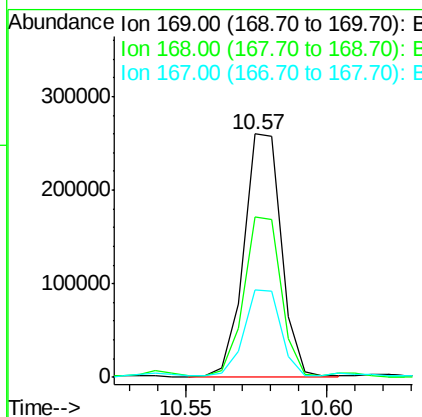
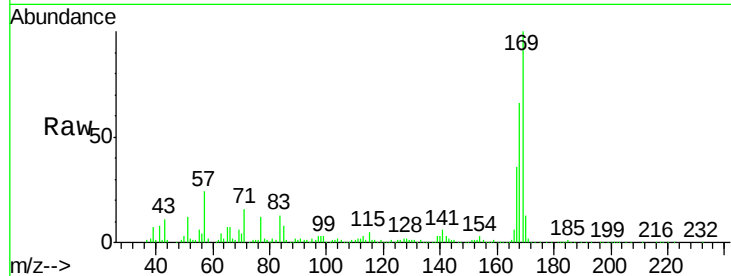




#66
 n-Nitrosodiphenylamine
 Concen: 19.850 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

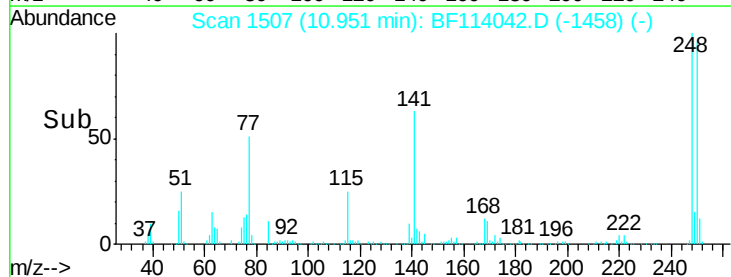
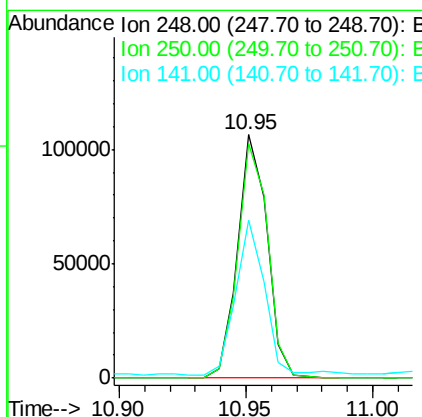
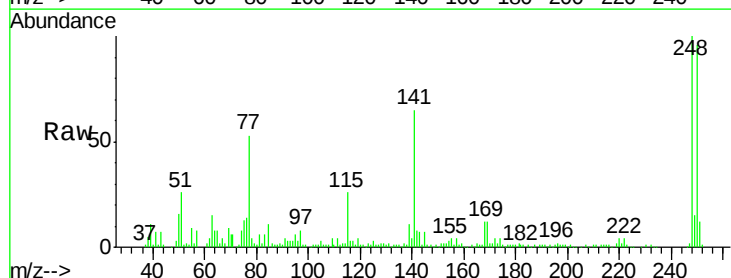
Instrument :
 BNA_F
 ClientSampleId :

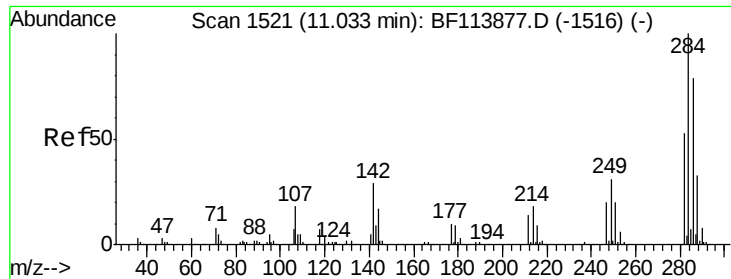
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.3	81.5
167	36.2	29.4	44.0



#67
 4-Bromophenyl-phenylether
 Concen: 17.707 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	75.8	113.6
141	65.0	50.2	75.4

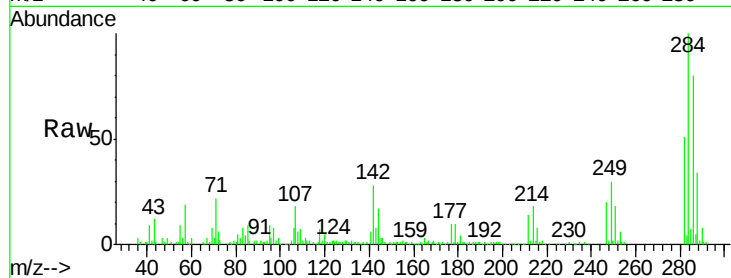




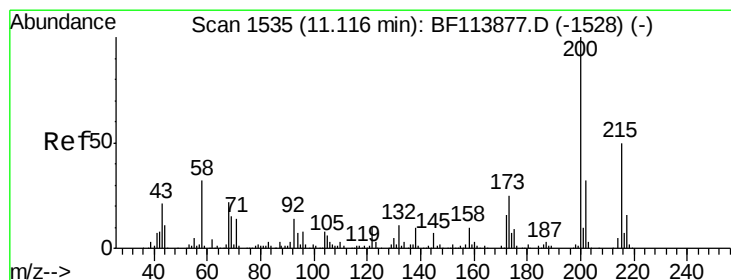
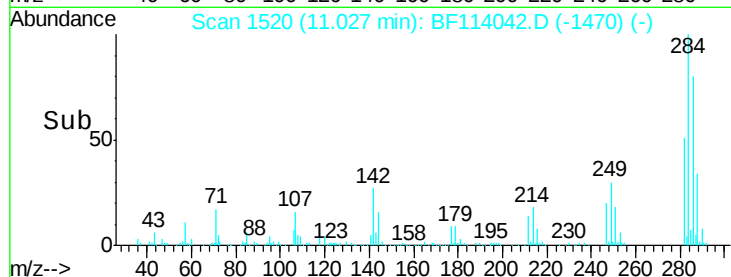
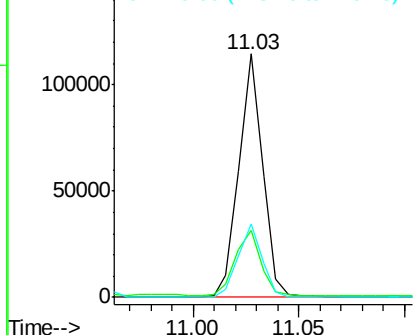
#68
Hexachlorobenzene
Concen: 16.724 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 89126
Ion Ratio Lower Upper
284 100
142 27.7 23.0 34.4
249 30.0 24.4 36.6

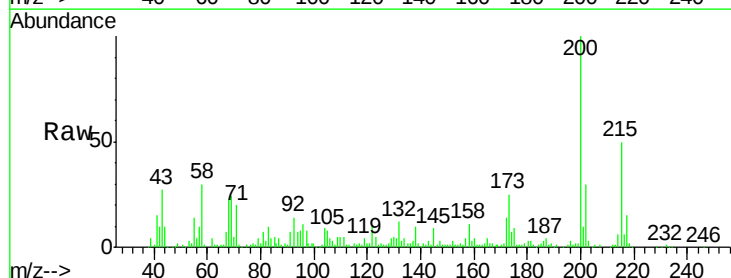


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

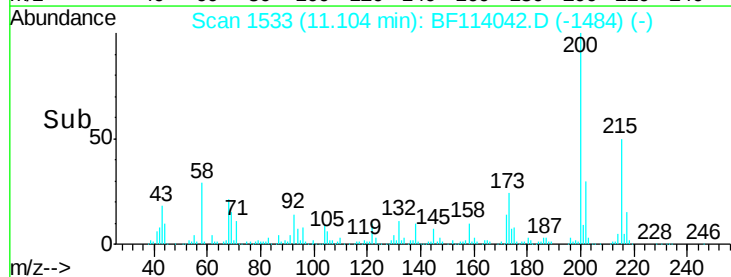
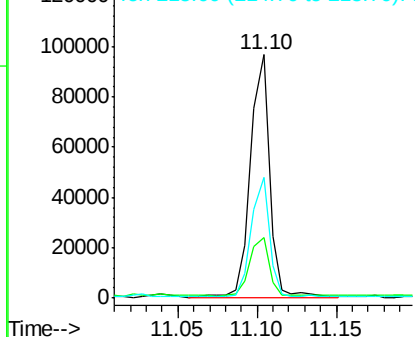


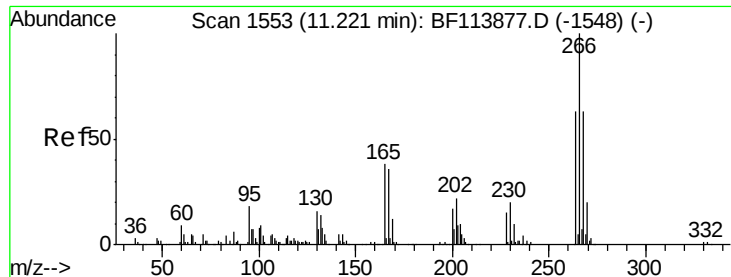
#69
Atrazine
Concen: 21.170 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion:200 Resp: 82955
Ion Ratio Lower Upper
200 100
173 24.6 5.9 45.9
215 49.6 29.3 69.3



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

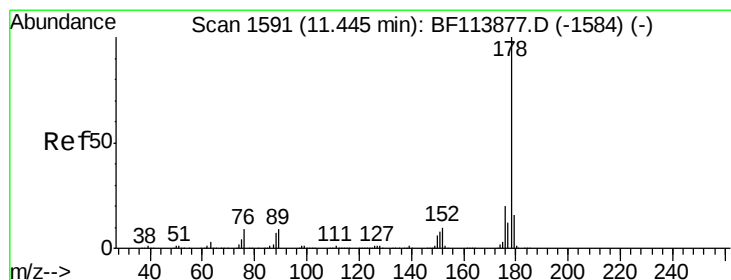
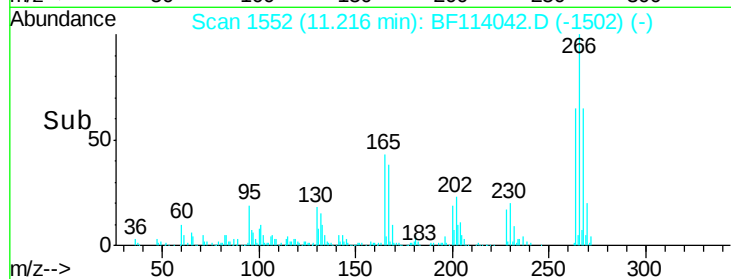
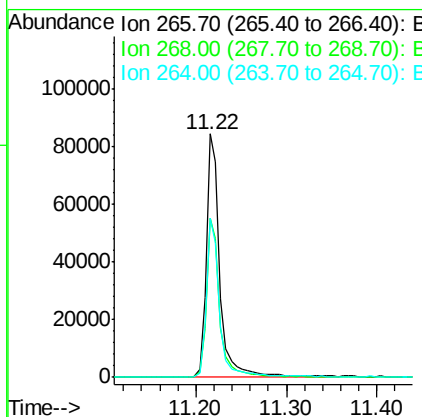
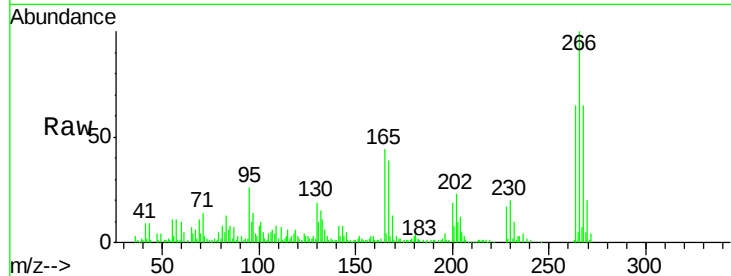




#70
 Pentachlorophenol
 Concen: 29.812 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

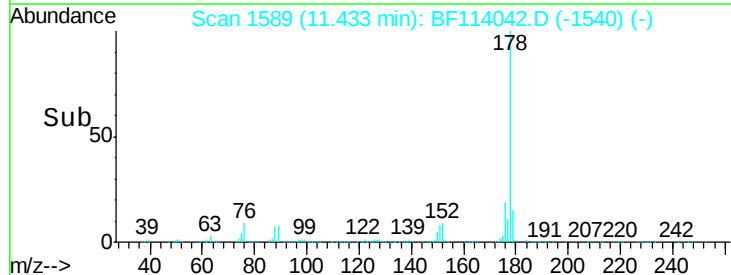
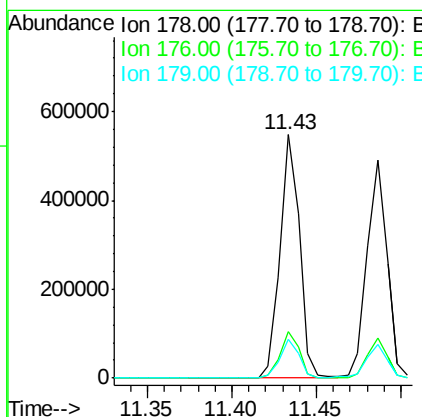
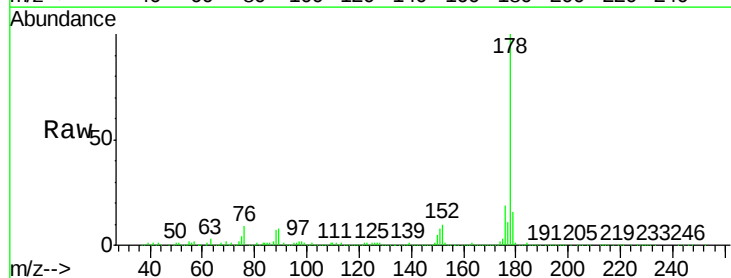
Instrument :
 BNA_F
 ClientSampleId :

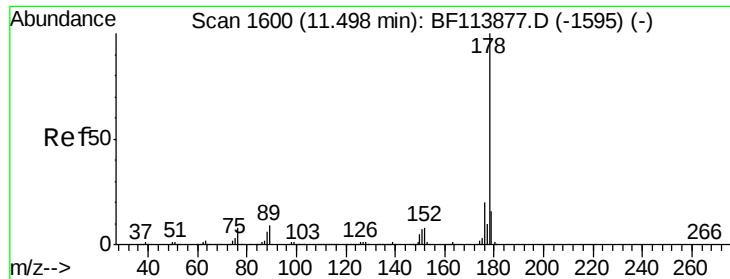
Tot Ion:266 Resp: 89953
 Ion Ratio Lower Upper
 266 100
 268 65.3 53.5 80.3
 264 65.3 51.0 76.6



#71
 Phenanthrene
 Concen: 21.774 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion:178 Resp: 439284
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.1 24.1
 179 15.7 12.8 19.2

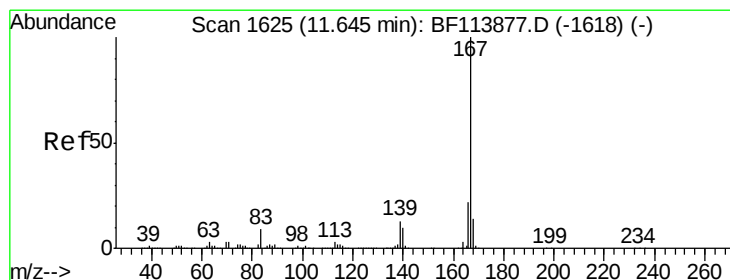
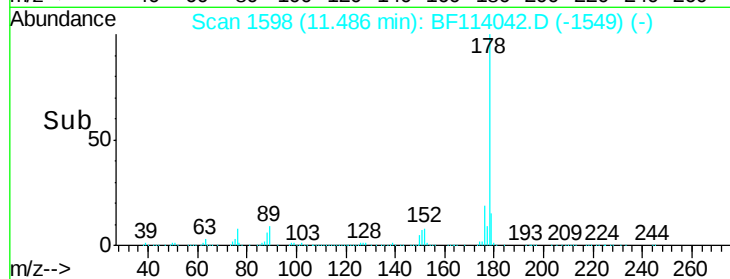
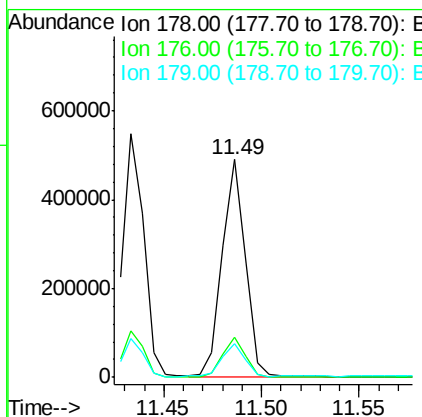
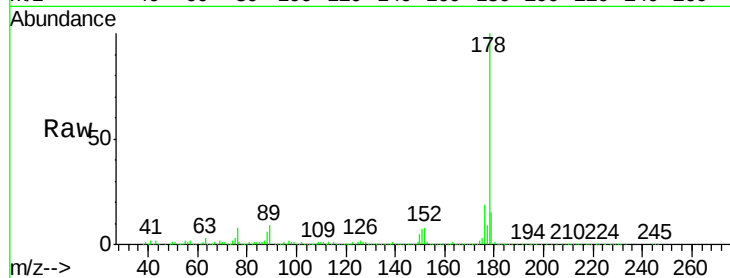




#72
 Anthracene
 Concen: 19.742 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

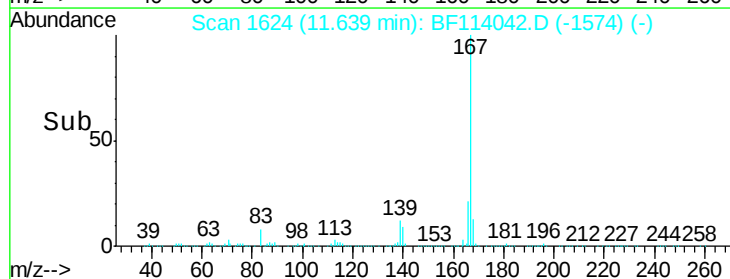
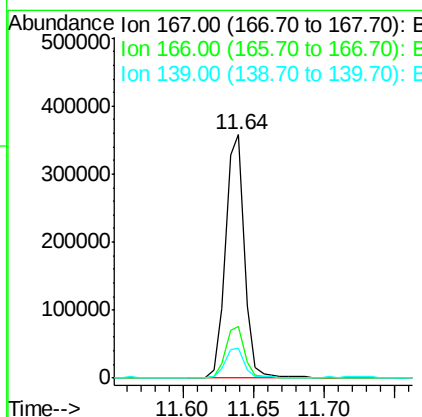
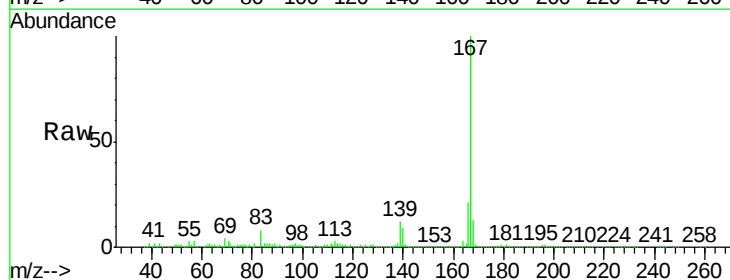
Instrument :
 BNA_F
 ClientSampleId :

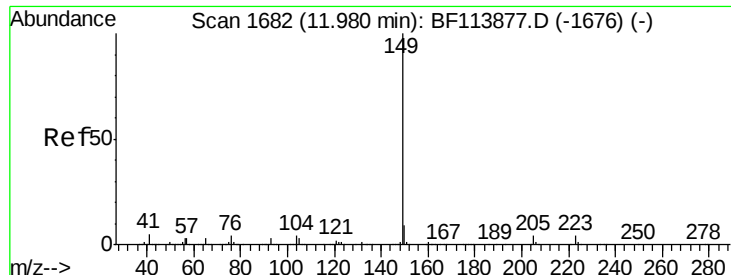
Tot Ion:178 Resp: 402220
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.7 23.5
 179 15.4 13.0 19.4



#73
 Carbazole
 Concen: 18.087 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion:167 Resp: 328751
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 12.2 10.0 15.0





#74

Di-n-butylphthalate

Concen: 19.981 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

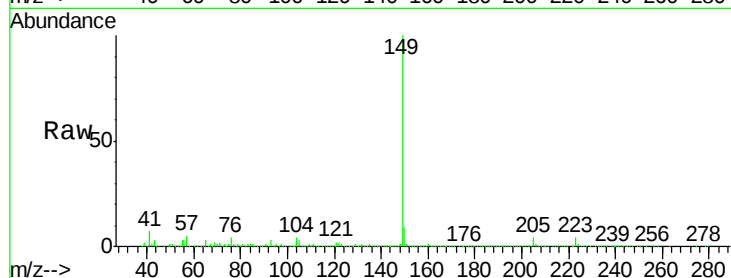
Tot Ion:149 Resp: 427217

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

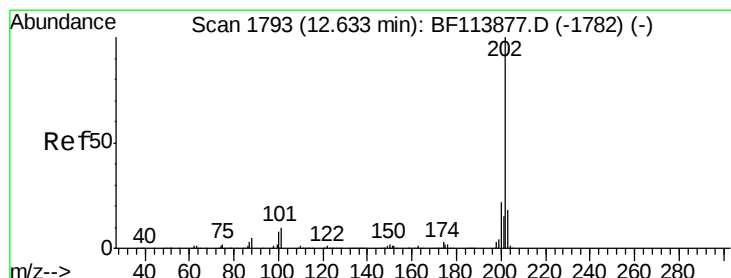
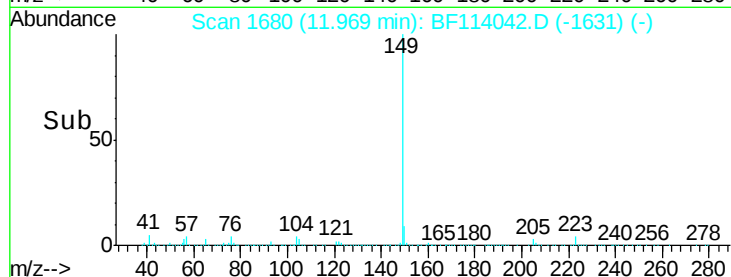
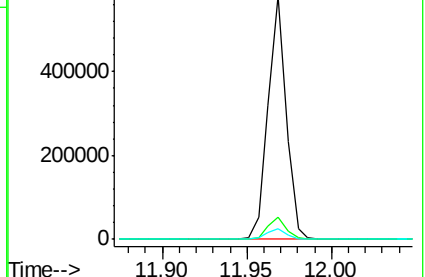
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 24.365 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

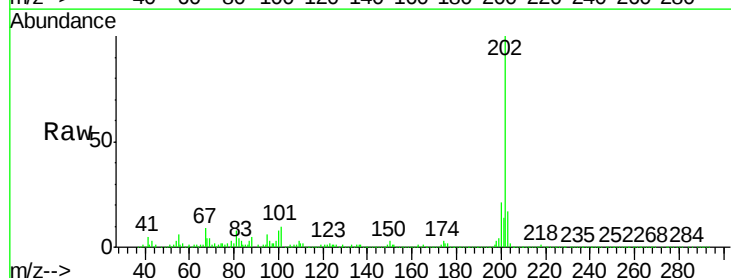
Tgt Ion:202 Resp: 536318

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.9

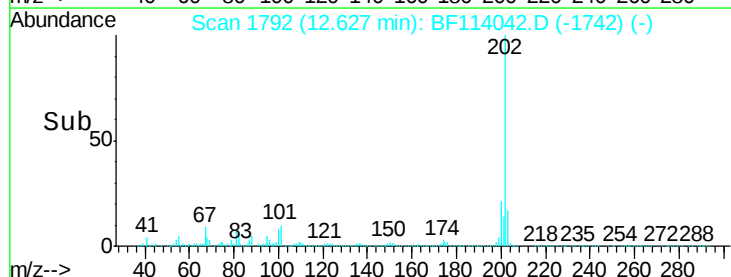
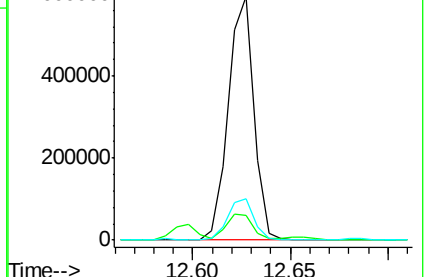
203 17.2 0.0 38.2

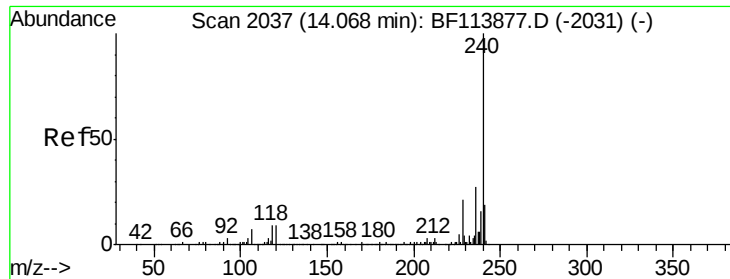


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

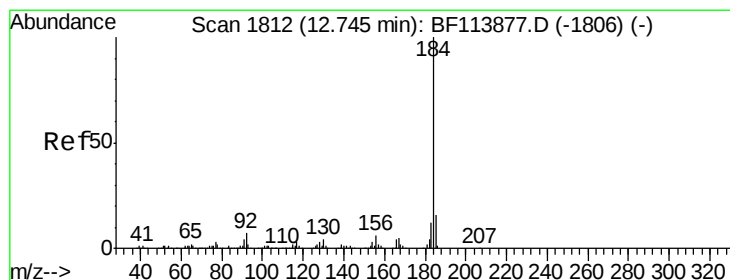
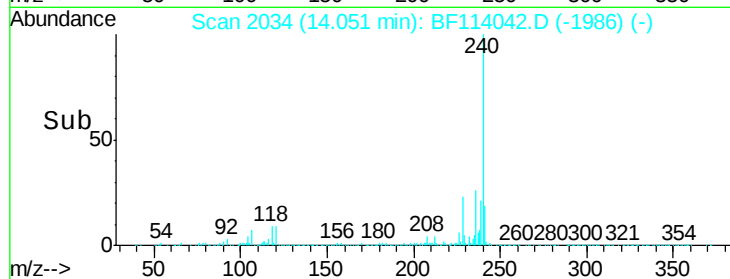
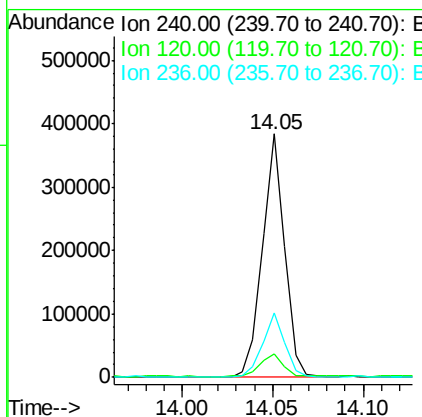
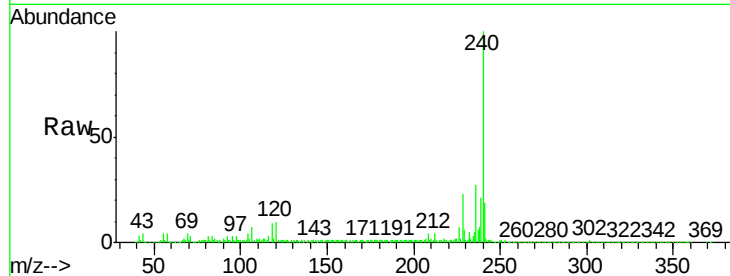




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

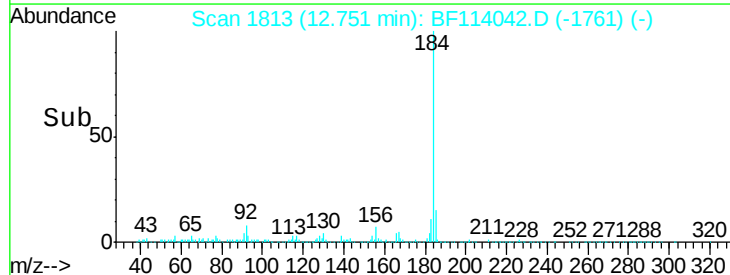
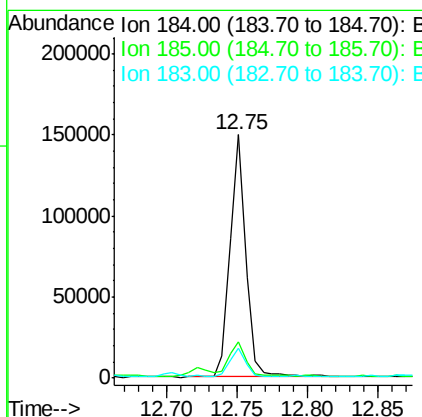
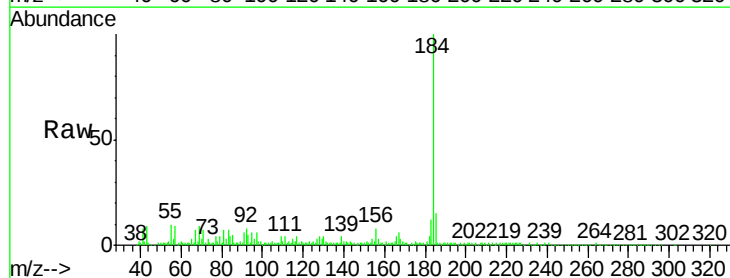
Instrument :
 BNA_F
 ClientSampleId :

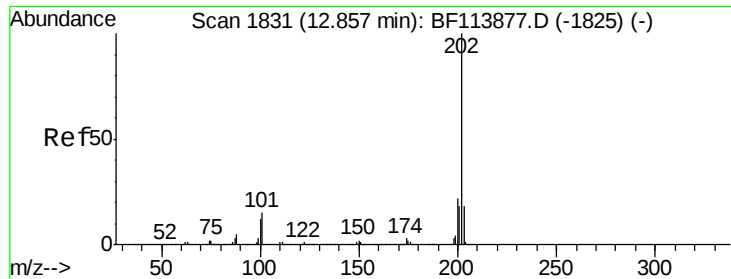
Tot Ion:240 Resp: 325708
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.3 13.9
 236 26.7 21.2 31.8



#77
 Benzidine
 Concen: 12.069 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion:184 Resp: 117123
 Ion Ratio Lower Upper
 184 100
 185 15.1 13.0 19.6
 183 12.1 9.4 14.0

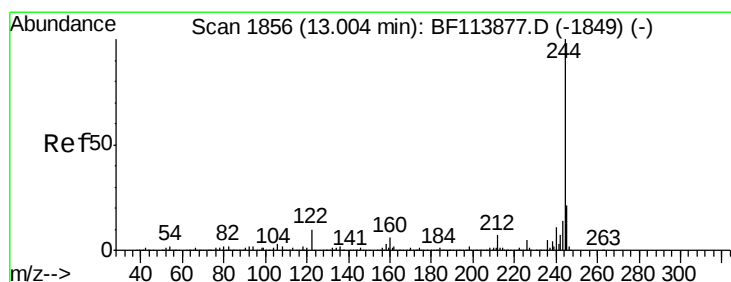
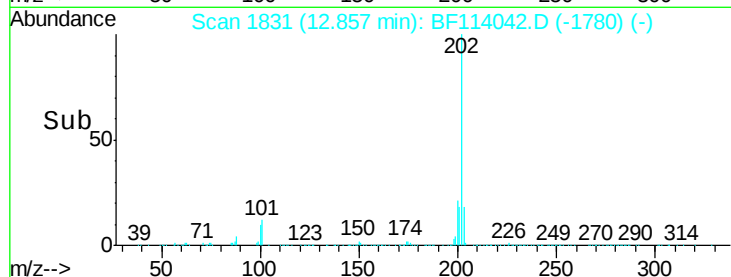
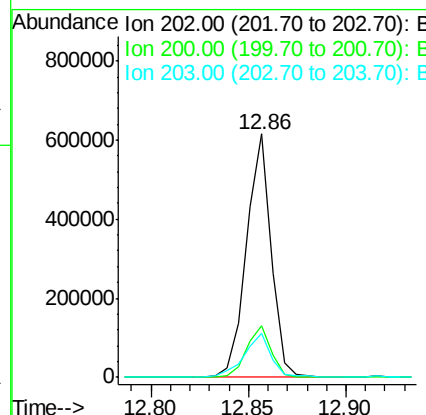
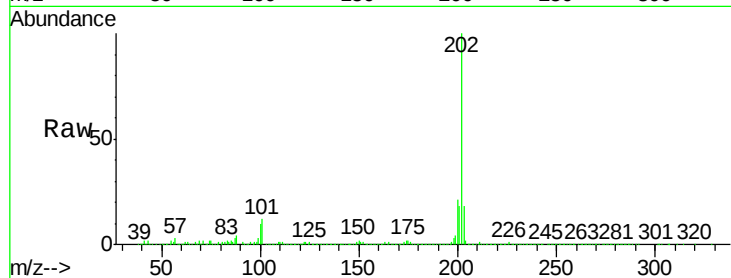




#78
Pvrene
Concen: 23.466 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

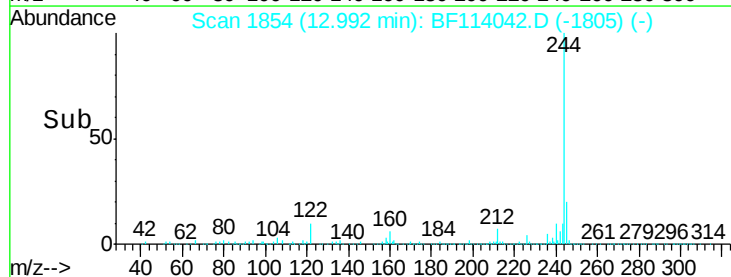
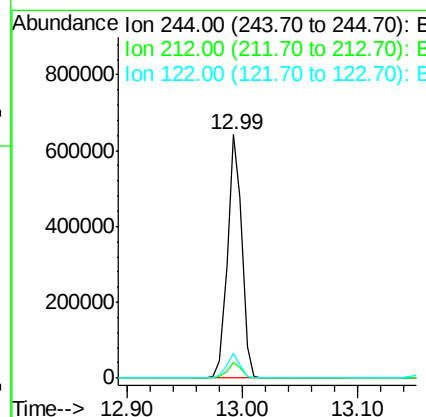
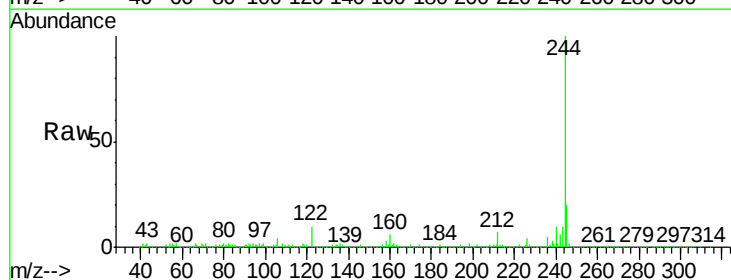
Instrument :
BNA_F
ClientSampleId :

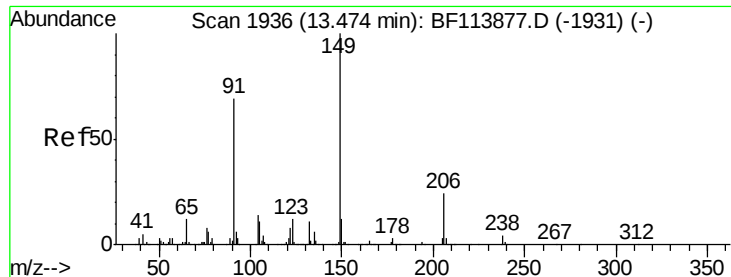
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.9	15.0	22.6



#79
Terphenyl-d14
Concen: 34.727 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	7.6	11.4

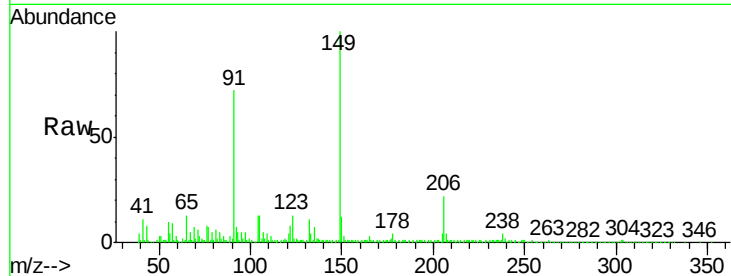




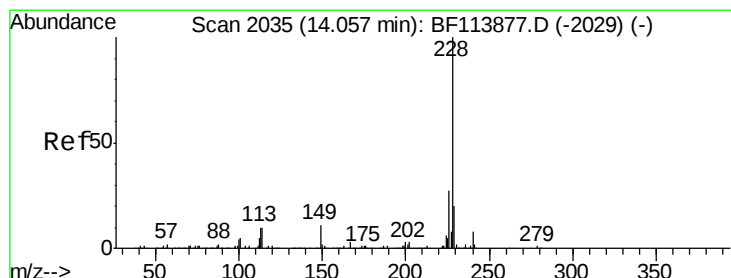
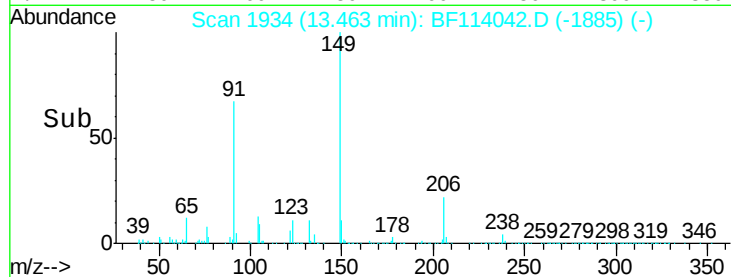
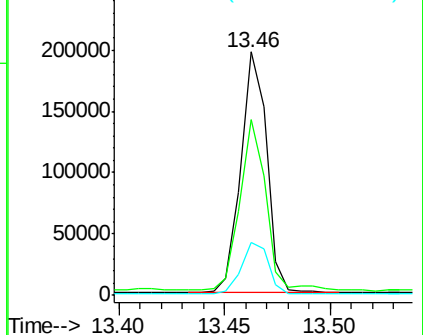
#80
Butylbenzylphthalate
Concen: 18.472 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 165543
Ion Ratio Lower Upper
149 100
91 72.0 56.3 84.5
206 22.0 19.0 28.6

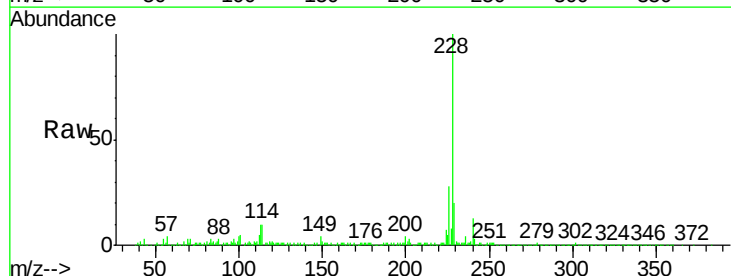


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

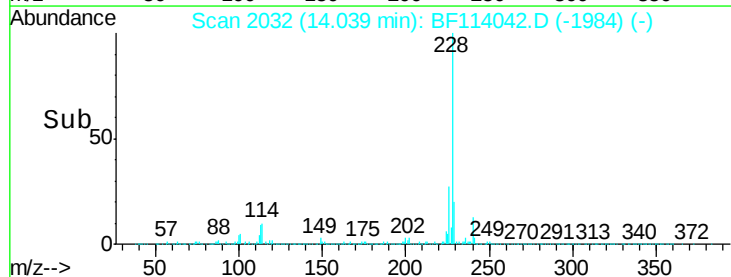
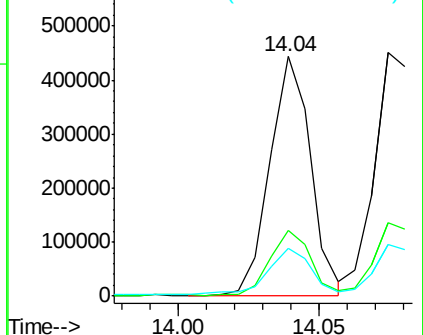


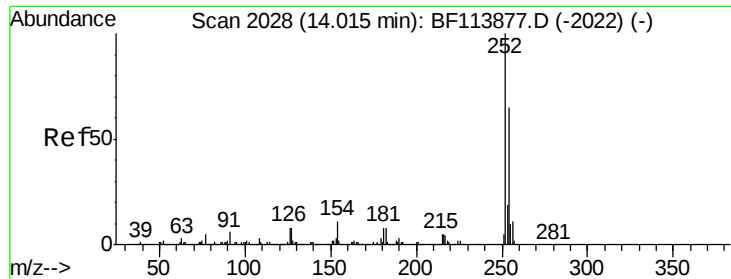
#81
Benzo(a)anthracene
Concen: 22.927 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion:228 Resp: 439968
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 20.2 16.0 24.0



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

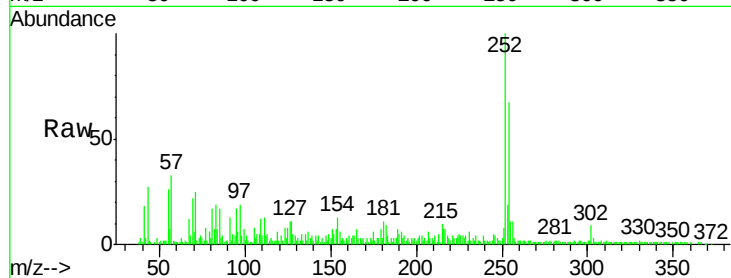




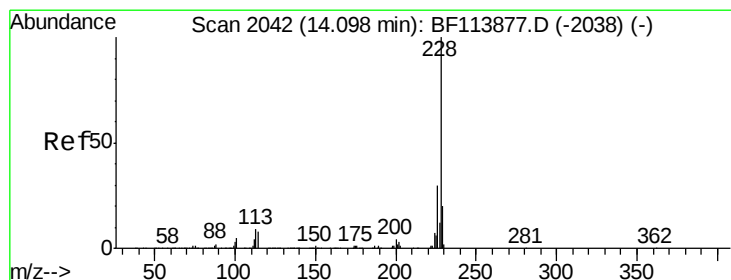
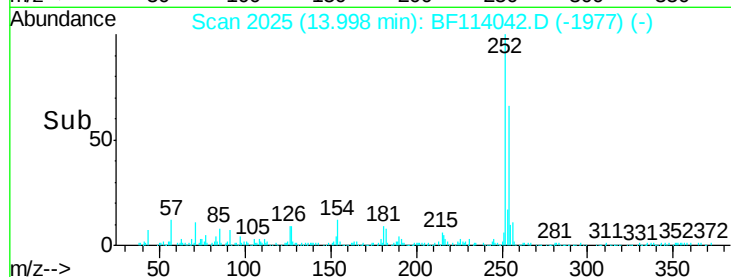
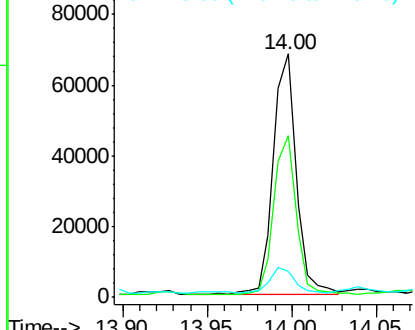
#82
 3,3'-Dichlorobenzidine
 Concen: 9.106 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 64051
 Ion Ratio Lower Upper
 252 100
 254 66.7 52.1 78.1
 126 10.8 9.3 13.9

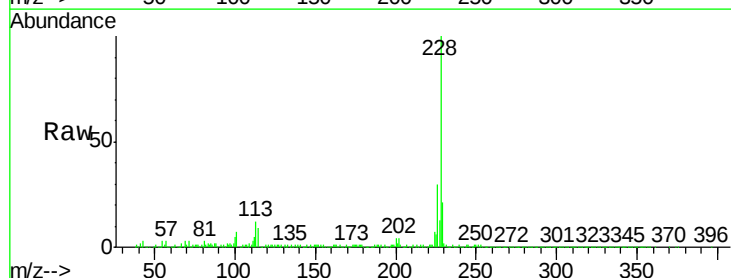


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

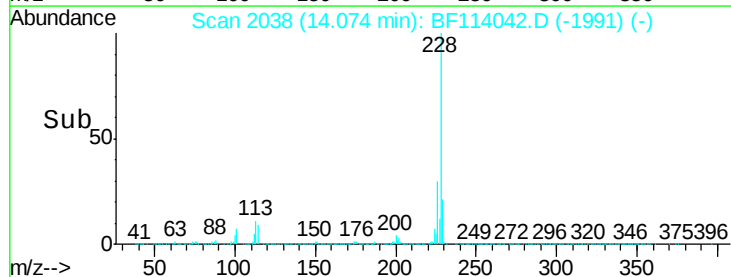
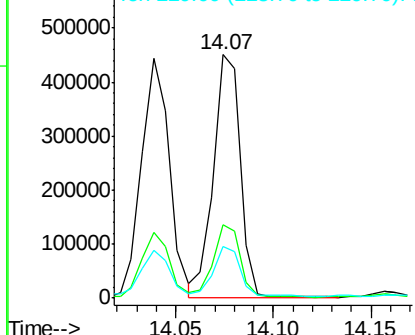


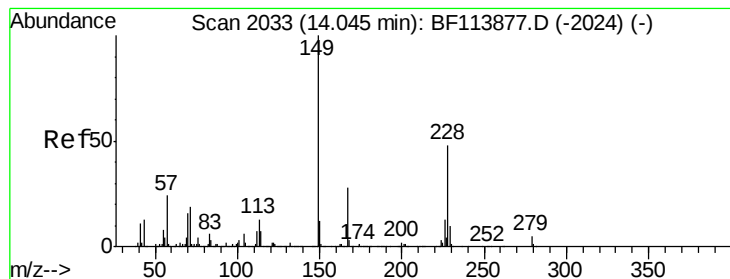
#83
 Chrysene
 Concen: 22.855 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion:228 Resp: 427138
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.2 37.8
 229 21.3 16.7 25.1



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.976 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

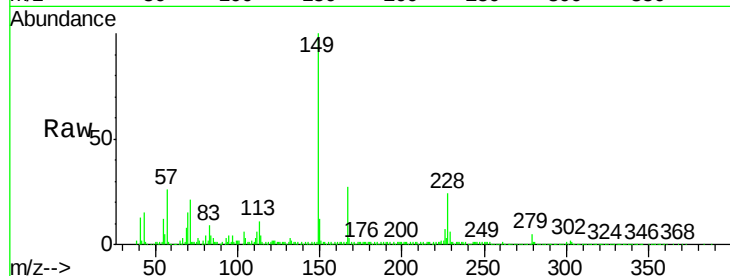
Tot Ion:149 Resp: 250573

Ion Ratio Lower Upper

149 100

167 27.3 22.9 34.3

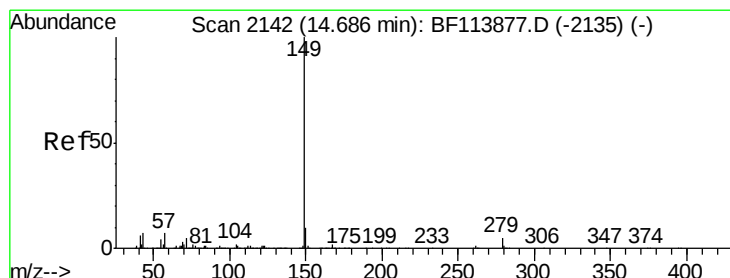
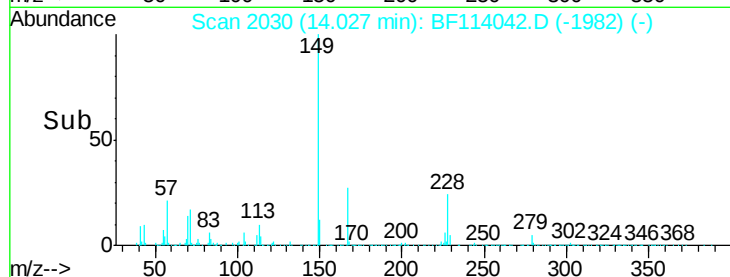
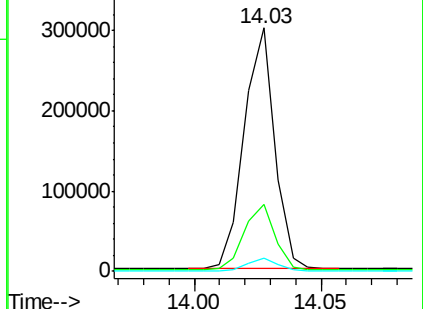
279 5.2 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 22.653 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

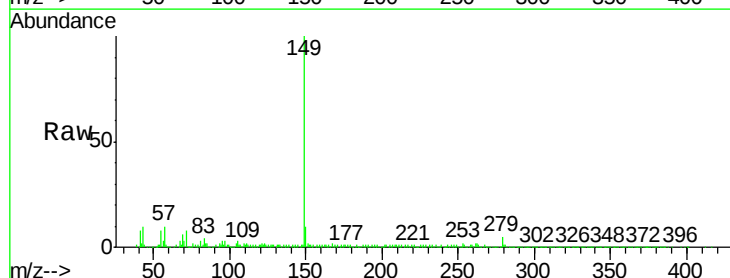
Tgt Ion:149 Resp: 404293

Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

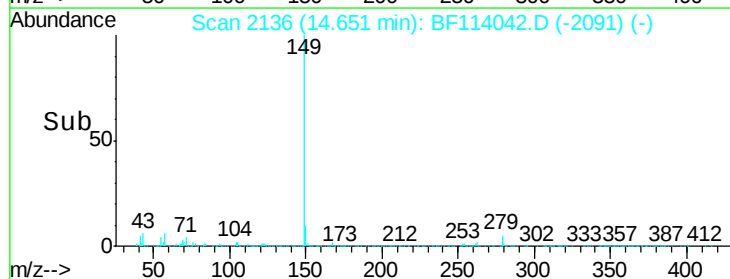
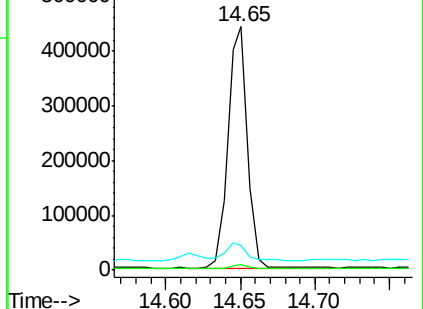
43 8.0 6.6 10.0

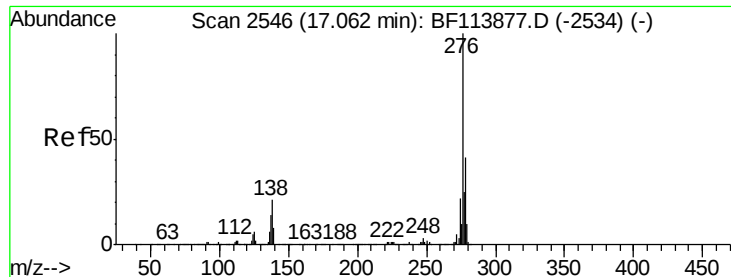


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

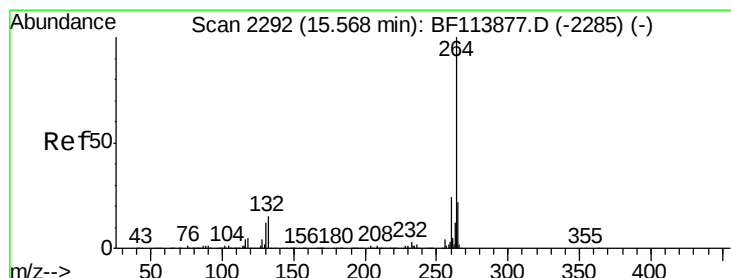
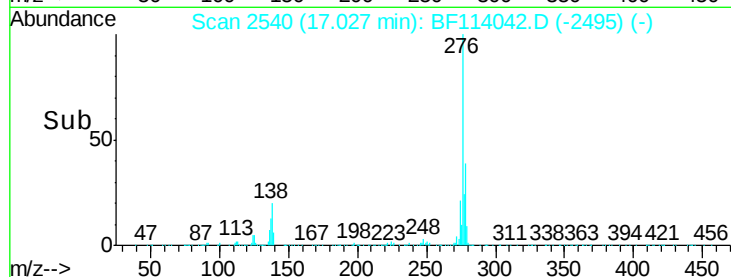
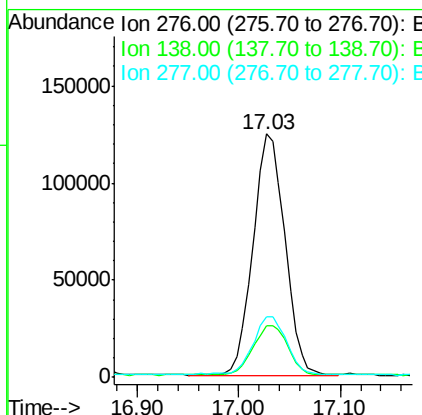
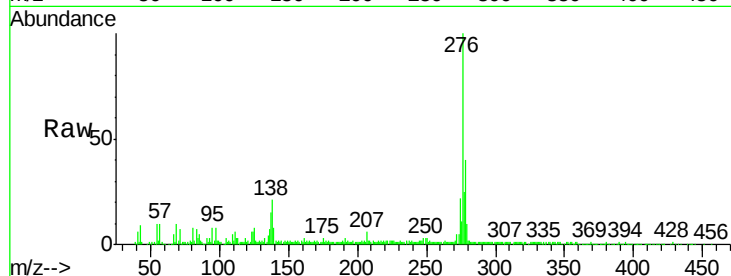




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 15.367 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. -0.04 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

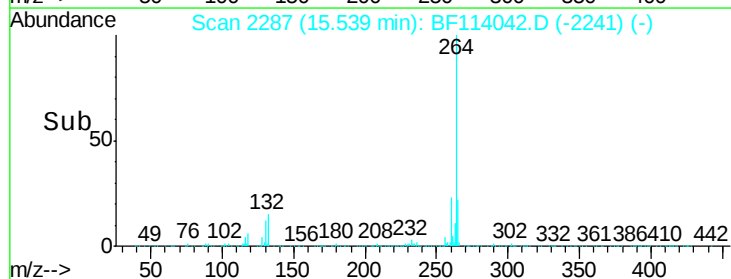
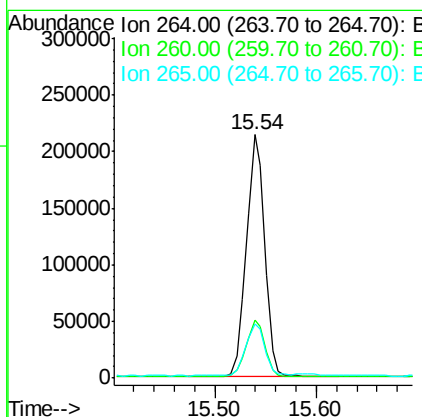
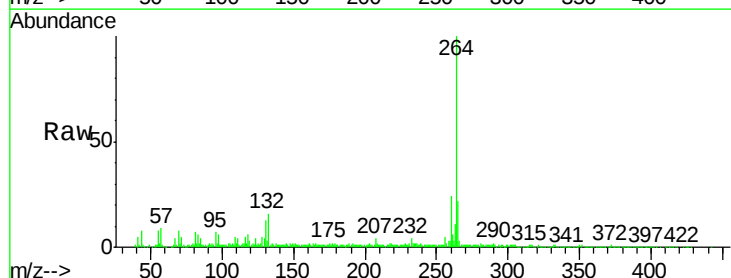
Instrument :
 BNA_F
 ClientSampleId :

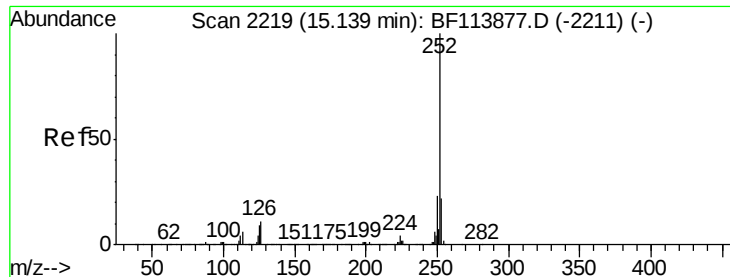
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.6	29.4
277	25.6	20.2	30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF114042.D
 Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.3	17.3	25.9

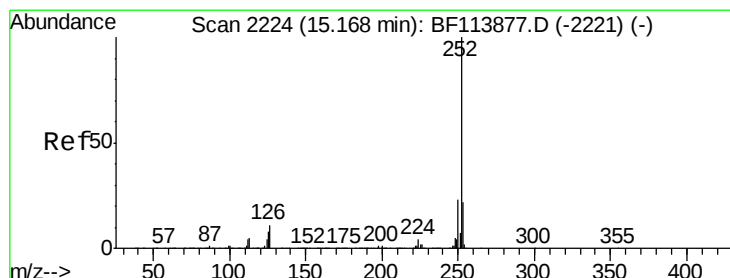
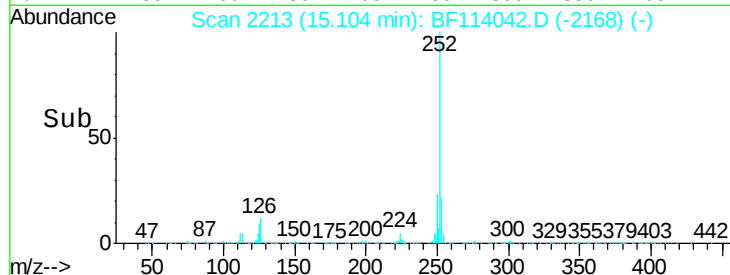
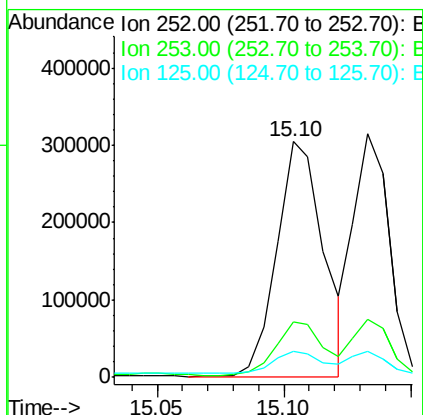
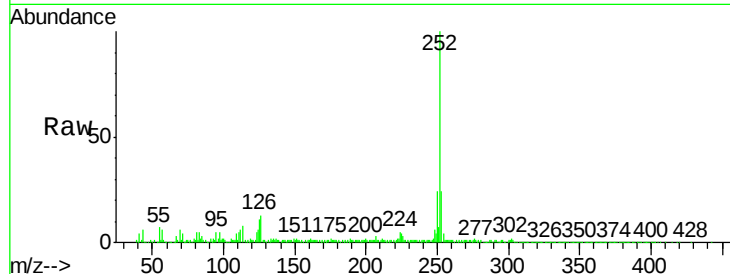




#88
Benzo(b)fluoranthene
Concen: 22.983 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

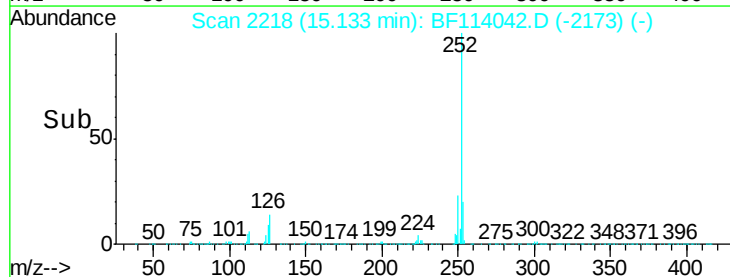
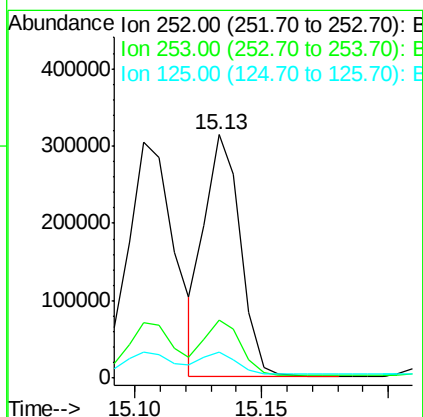
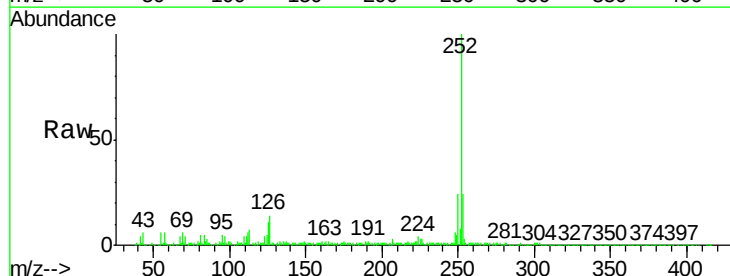
Instrument :
BNA_F
ClientSampleId :

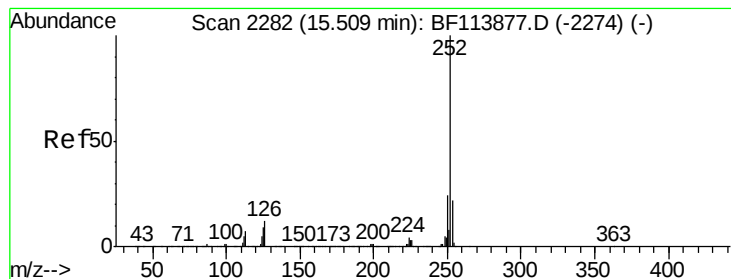
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	11.1	7.0	10.6



#89
Benzo(k)fluoranthene
Concen: 21.140 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF114042.D
Acq: 30 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	10.9	7.4	11.2





#90

Benzo(a)pyrene

Concen: 21.494 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

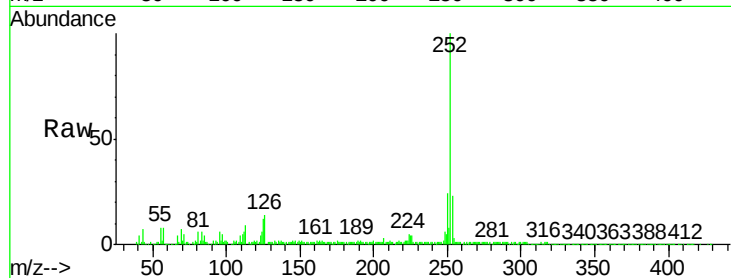
Tot Ion:252 Resp: 315352

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

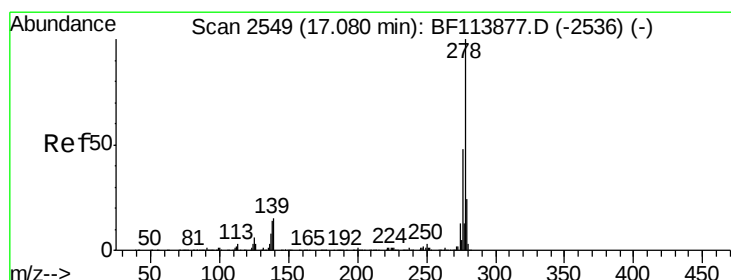
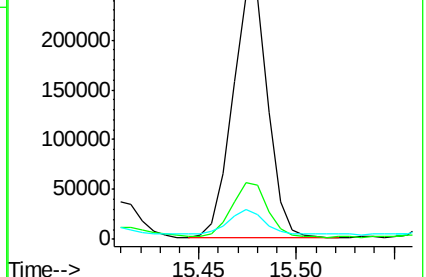
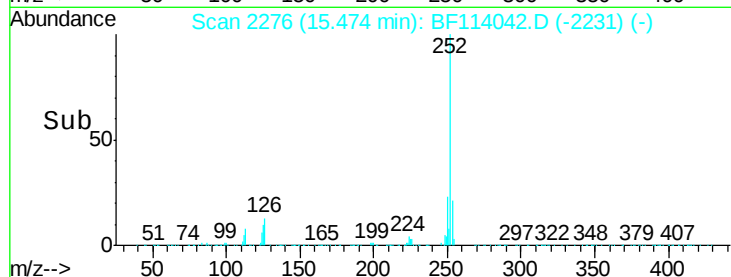
125 12.4 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 15.272 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

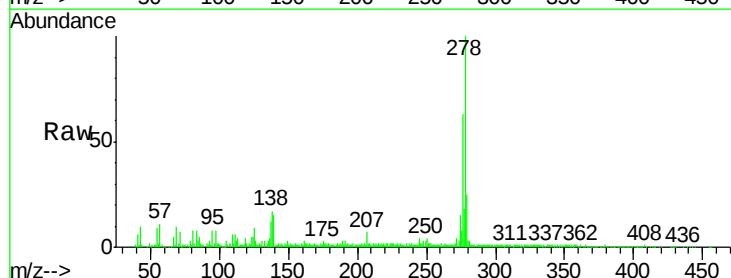
Tgt Ion:278 Resp: 210337

Ion Ratio Lower Upper

278 100

139 15.0 11.6 17.4

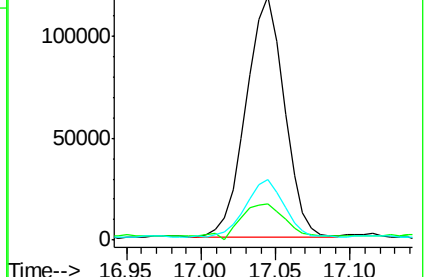
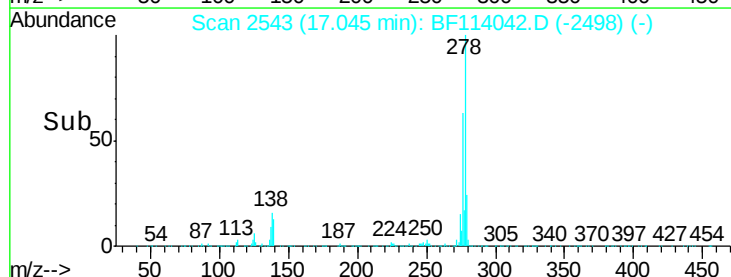
279 24.8 19.0 28.6

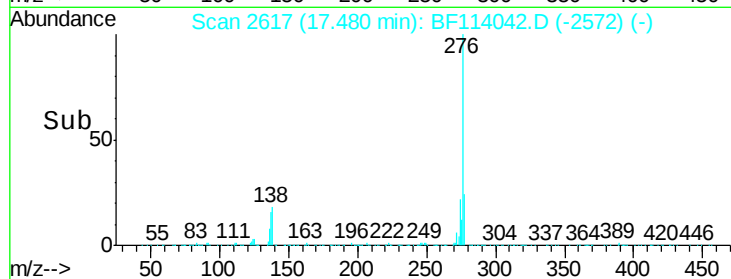
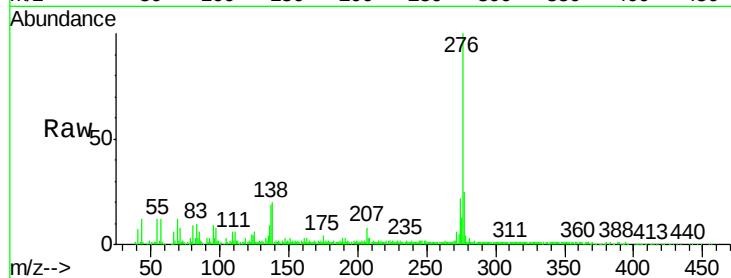
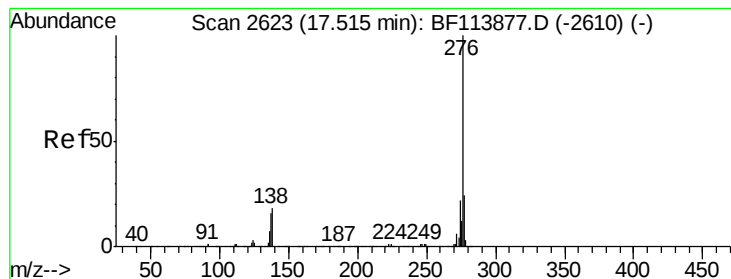


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 16.042 ng

RT: 17.48 min Scan# 2617

Delta R.T. -0.04 min

Lab File: BF114042.D

Acq: 30 Apr 2019 15:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 222962

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 19.6 16.6 25.0

