

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095406.D
 Acq On : 25 May 2017 3:51
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 05:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88359	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	345250	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	141832	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	232050	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	202255	20.00	ng	-0.01
86) Perylene-d12	20.36	264	146658	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	450819	85.06	ng	-0.02
7) Phenol-d6	7.30	99	538911	84.75	ng	-0.02
23) Nitrobenzene-d5	8.65	82	444603	81.20	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	88352	76.06	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	855759	86.84	ng	-0.02
78) Terphenyl-d14	17.33	244	748104	81.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	103059	39.65	ng	93
3) Pyridine	2.86	79	227559	37.78	ng	99
4) n-Nitrosodimethylamine	2.78	42	82717	32.94	ng	86
6) Aniline	7.25	93	355004	44.22	ng	97
8) 2-Chlorophenol	7.44	128	257350	42.66	ng	96
9) Benzaldehyde	7.07	77	148193	38.17	ng	98
10) Phenol	7.32	94	306364	45.72	ng	90
11) bis(2-Chloroethyl)ether	7.38	93	239291	43.26	ng	98
12) 1,3-Dichlorobenzene	7.65	146	288473	42.16	ng	97
13) 1,4-Dichlorobenzene	7.77	146	292324	42.13	ng	96
14) 1,2-Dichlorobenzene	8.01	146	270642	41.78	ng	95
15) Benzyl Alcohol	8.04	79	178335	43.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	326898	41.75	ng	97
17) 2-Methylphenol	8.26	107	208627	42.26	ng	99
18) Hexachloroethane	8.52	117	72935	31.03	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	178362	41.47	ng	95
20) 3+4-Methylphenols	8.52	107	265983	39.65	ng	# 58
22) Acetophenone	8.42	105	349906	42.24	ng	# 85
24) Nitrobenzene	8.68	77	238860	41.62	ng	94
25) Isophorone	9.08	82	411417	42.08	ng	95
26) 2-Nitrophenol	9.19	139	93031	30.04	ng	94
27) 2,4-Dimethylphenol	9.33	122	213591	42.66	ng	99
28) bis(2-Chloroethoxy)methane	9.44	93	288594	42.67	ng	99
29) 2,4-Dichlorophenol	9.63	162	178655	37.79	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	209247	41.32	ng	99
31) Naphthalene	9.80	128	711972	41.03	ng	99
32) Benzoic acid	9.63	122	58043	20.87	ng	93
33) 4-Chloroaniline	9.94	127	276403	42.74	ng	# 92
34) Hexachlorobutadiene	10.01	225	109428	40.95	ng	97
35) Caprolactam	10.57	113	55572	39.15	ng	93
36) 4-Chloro-3-methylphenol	10.81	107	200011	39.57	ng	89
37) 2-Methylnaphthalene	10.92	142	462132	40.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	185756	42.59	ng	98
40) Hexachlorocyclopentadiene	11.18	237	2811	7.47	ng	96

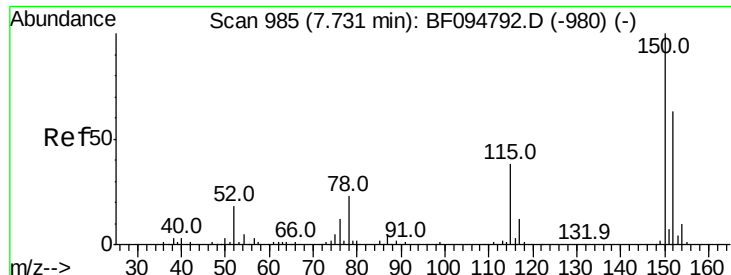
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	118495	40.69	ng	97
43) 2,4,5-Trichlorophenol	11.54	196	116594	37.25	ng	96
45) 1,1'-Biphenyl	11.69	154	530436	44.42	ng	98
46) 2-Chloronaphthalene	11.71	162	404055	41.90	ng	96
47) 2-Nitroaniline	11.94	65	114067	43.22	ng	# 82
48) Acenaphthylene	12.37	152	587236	38.88	ng	98
49) Dimethylphthalate	12.24	163	497645	42.74	ng	98
50) 2,6-Dinitrotoluene	12.34	165	85707	36.08	ng	93
51) Acenaphthene	12.65	154	362178	40.15	ng	98
52) 3-Nitroaniline	12.62	138	111528	43.74	ng	87
53) 2,4-Dinitrophenol	12.93	184	1274	7.14	ng	# 1
54) Dibenzofuran	12.94	168	492556	39.46	ng	97
55) 4-Nitrophenol	13.09	139	36356	23.74	ng	# 71
56) 2,4-Dinitrotoluene	13.02	165	99512	32.60	ng	# 94
57) Fluorene	13.49	166	421170	38.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	75446	38.30	ng	# 93
59) Diethylphthalate	13.38	149	462736	41.46	ng	98
60) 4-Chlorophenyl-phenylether	13.52	204	193189	40.50	ng	90
61) 4-Nitroaniline	13.62	138	86628	37.01	ng	92
62) Azobenzene	13.78	77	346604	38.65	ng	92
64) 4,6-Dinitro-2-methylphenol	13.71	198	9310	5.98	ng	# 1
65) n-Nitrosodiphenylamine	13.72	169	360789	42.84	ng	99
66) 4-Bromophenyl-phenylether	14.31	248	103426	42.19	ng	95
67) Hexachlorobenzene	14.39	284	101366	40.35	ng	# 88
68) Atrazine	14.64	200	78679	33.09	ng	95
69) Pentachlorophenol	14.77	266	39024	37.70	ng	93
70) Phenanthrene	15.04	178	536771	40.26	ng	98
71) Anthracene	15.12	178	538786	39.56	ng	97
72) Carbazole	15.41	167	507886	40.99	ng	98
73) Di-n-butylphthalate	15.97	149	688216	44.54	ng	99
74) Fluoranthene	16.79	202	585762	42.83	ng	98
76) Benzidine	17.02	184	448502	77.33	ng	# 93
77) Pyrene	17.09	202	607067	40.13	ng	99
79) Butylbenzylphthalate	17.98	149	299945	42.63	ng	# 86
80) Benzo(a)anthracene	18.67	228	464168	39.43	ng	98
81) 3,3'-Dichlorobenzidine	18.65	252	169332	41.65	ng	# 93
82) Chrysene	18.72	228	453225	39.82	ng	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	415981	41.50	ng	# 99
84) Di-n-octyl phthalate	19.49	149	714333	43.46	ng	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	317004	34.30	ng	99
87) Benzo(b)fluoranthene	19.95	252	377664	41.67	ng	98
88) Benzo(k)fluoranthene	19.95	252	377664	43.20	ng	97
89) Benzo(a)pyrene	20.30	252	334111	39.96	ng	98
90) Dibenzo(a,h)anthracene	21.69	278	270025	39.10	ng	97
91) Benzo(g,h,i)perylene	22.08	276	276006	40.73	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

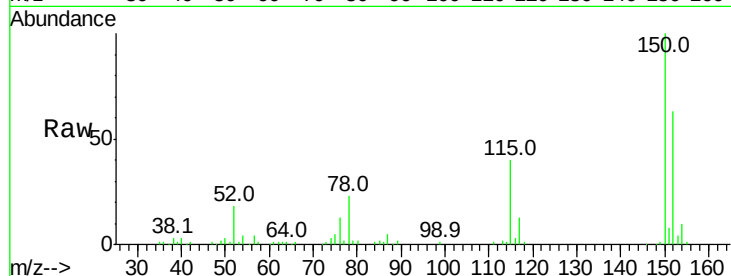
Tot Ion:152 Resp: 88359

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

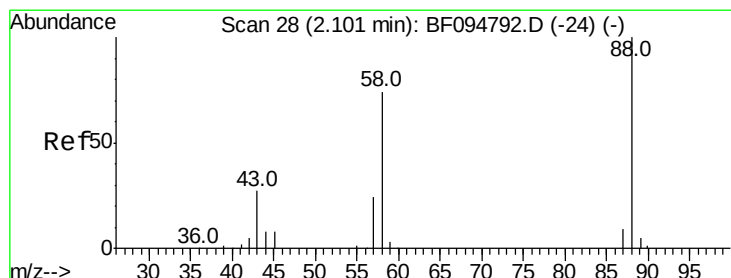
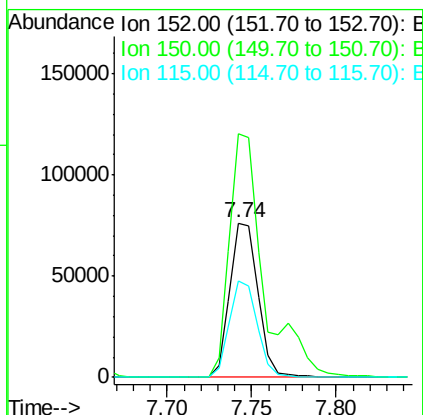
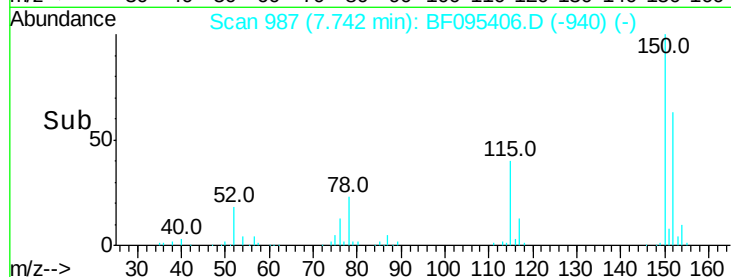
115 62.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.65 ng

RT: 2.16 min Scan# 38

Delta R.T. -0.07 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

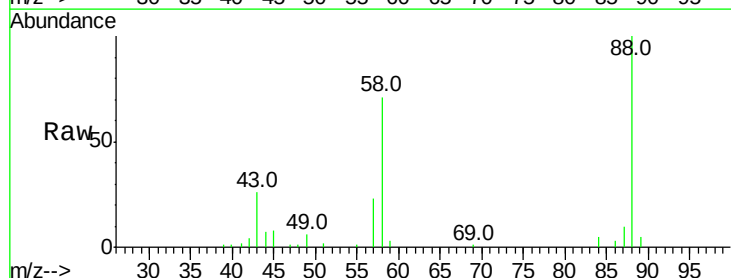
Tgt Ion: 88 Resp: 103059

Ion Ratio Lower Upper

88 100

58 70.0 61.4 92.0

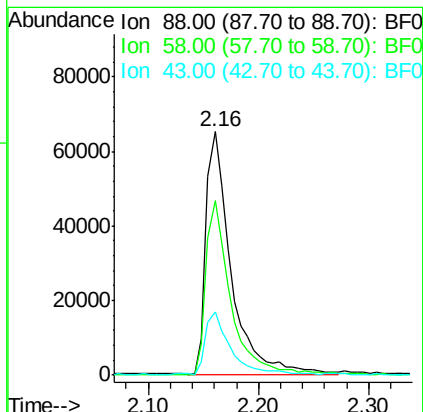
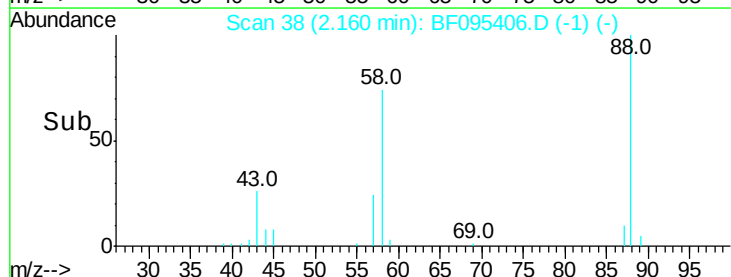
43 26.5 23.4 35.0

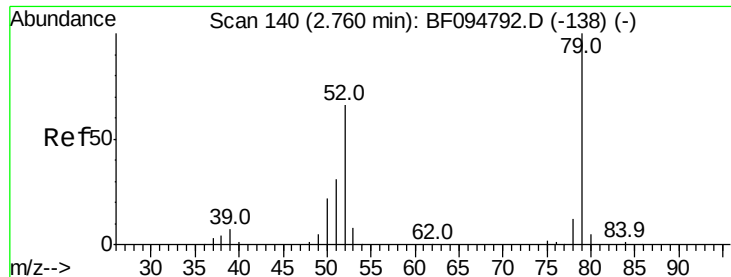


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.78 ng

RT: 2.86 min Scan# 157

Delta R.T. -0.06 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampled :

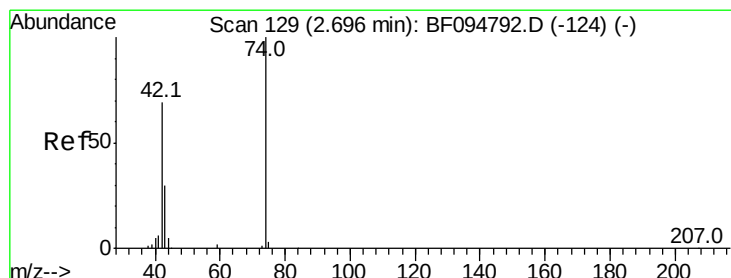
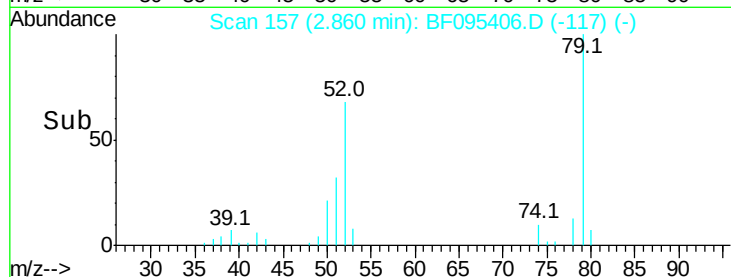
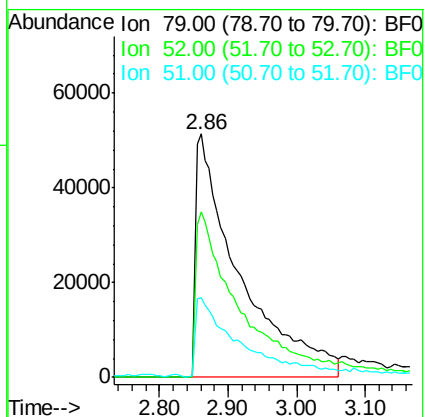
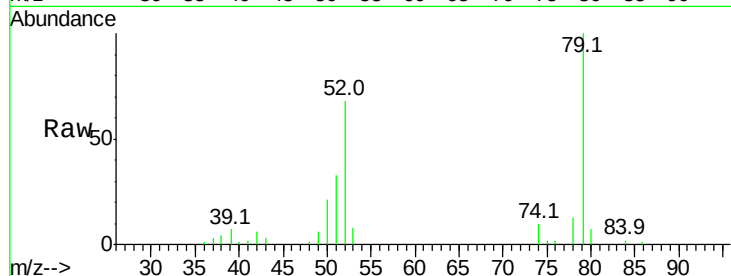
Tot Ion: 79 Resp: 227559

Ion Ratio Lower Upper

79 100

52 68.1 54.8 82.2

51 32.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 32.94 ng

RT: 2.78 min Scan# 144

Delta R.T. -0.06 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

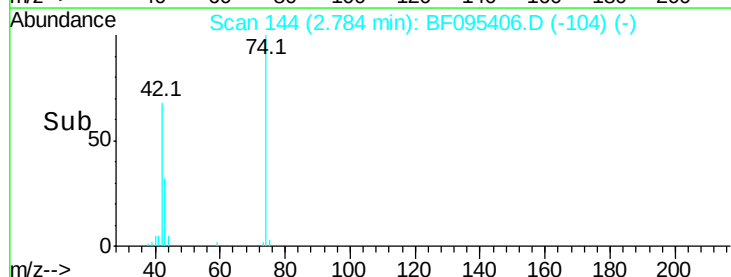
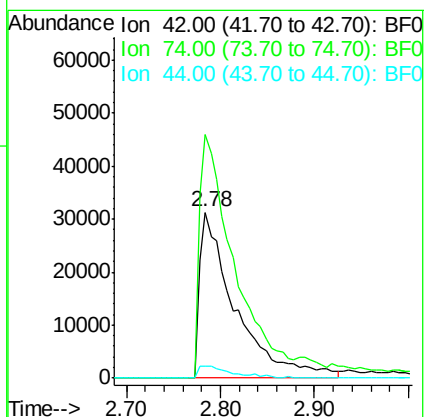
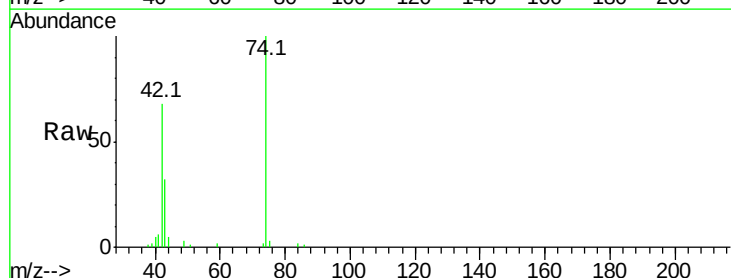
Tgt Ion: 42 Resp: 82717

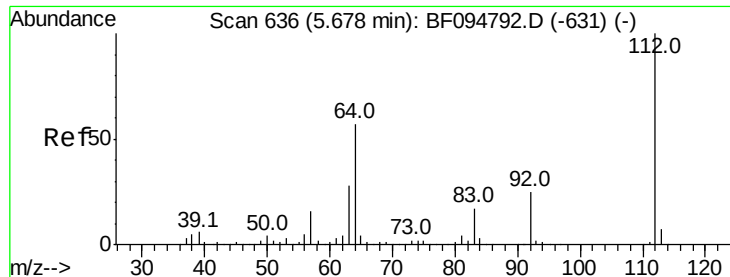
Ion Ratio Lower Upper

42 100

74 147.1 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 85.06 ng

RT: 5.71 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampled :

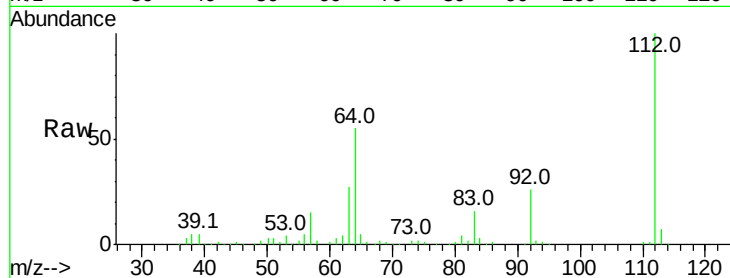
Tot Ion:112 Resp: 450819

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

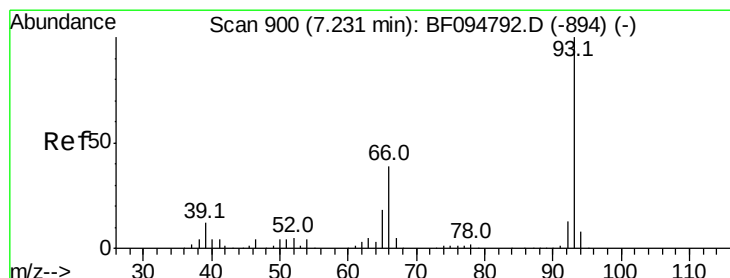
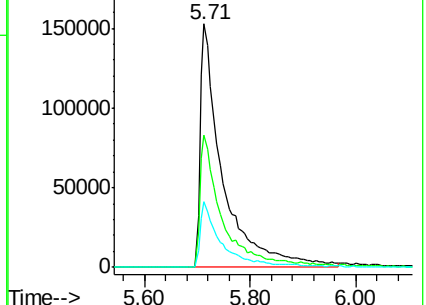
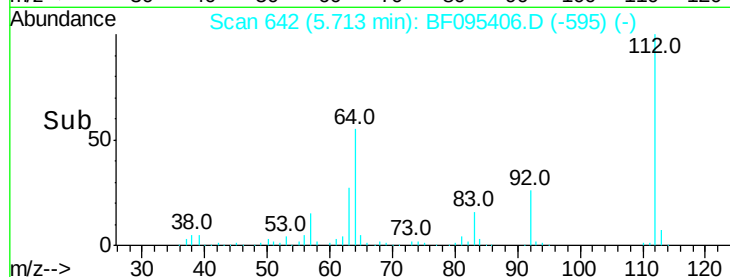
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.22 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

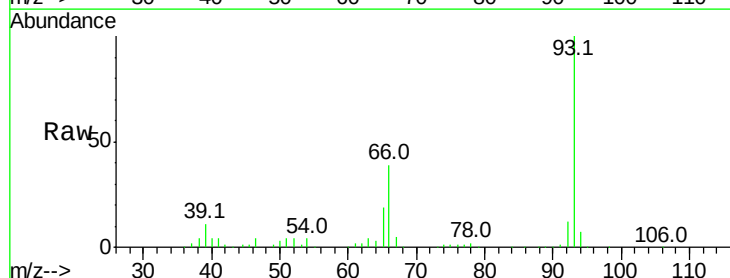
Tgt Ion: 93 Resp: 355004

Ion Ratio Lower Upper

93 100

66 38.9 32.9 49.3

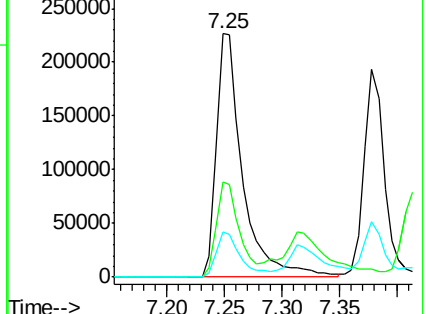
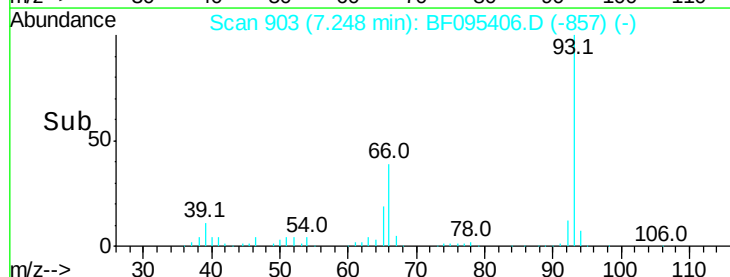
65 18.8 16.0 24.0

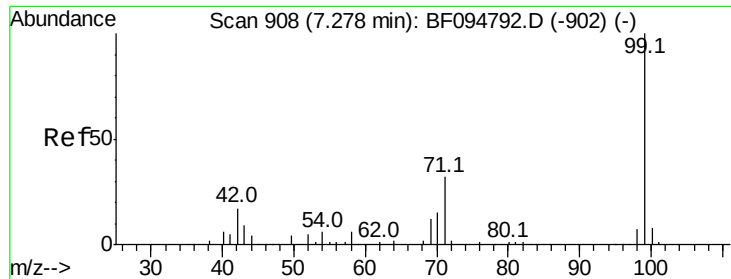


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.75 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

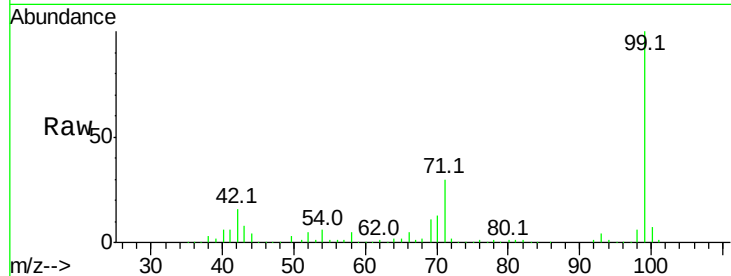
Tot Ion: 99 Resp: 538911

Ion Ratio Lower Upper

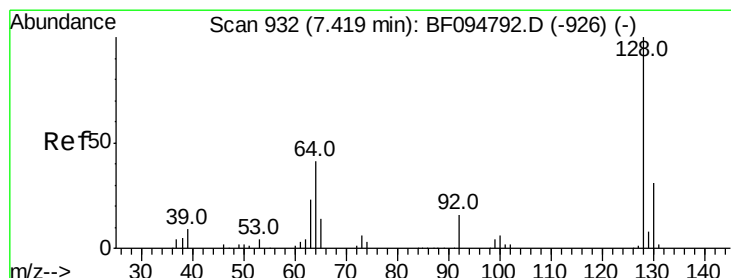
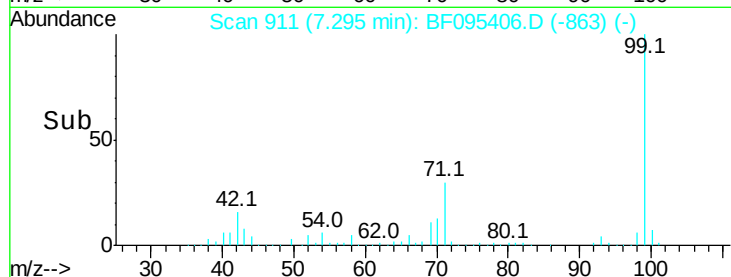
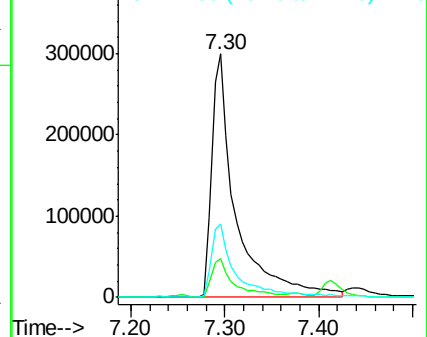
99 100

42 15.8 13.5 20.3

71 30.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.66 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

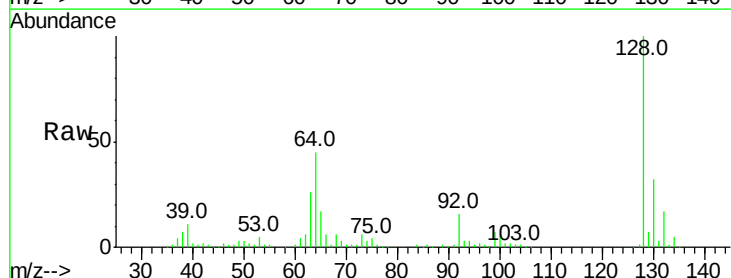
Tgt Ion: 128 Resp: 257350

Ion Ratio Lower Upper

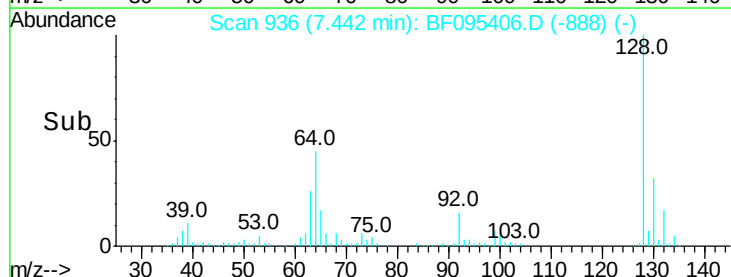
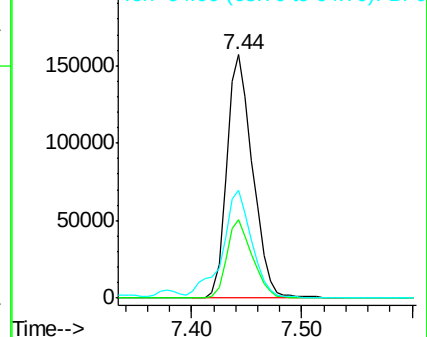
128 100

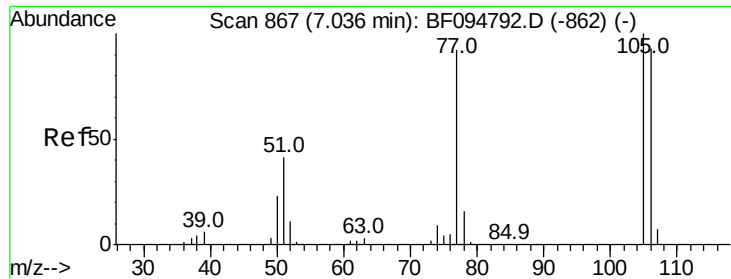
130 32.3 12.9 52.9

64 44.6 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.17 ng

RT: 7.07 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampled :

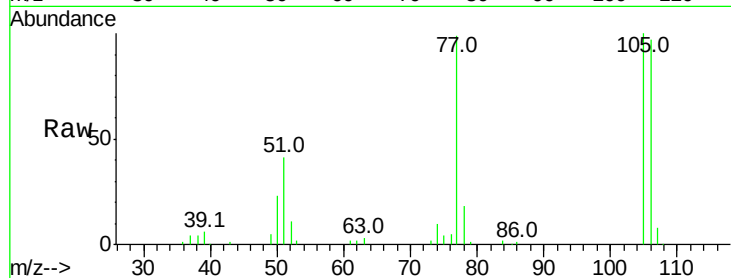
Tot Ion: 77 Resp: 148193

Ion Ratio Lower Upper

77 100

105 101.5 83.8 123.8

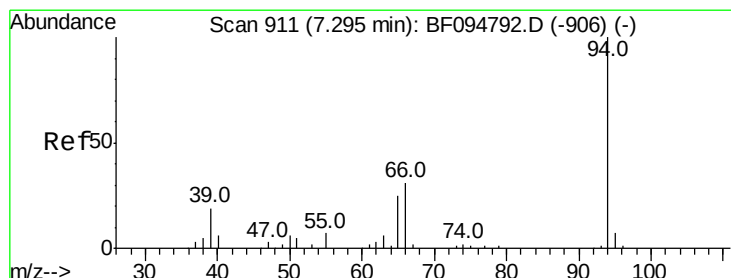
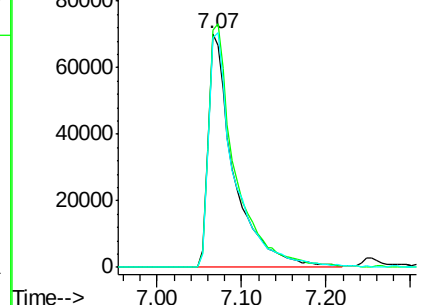
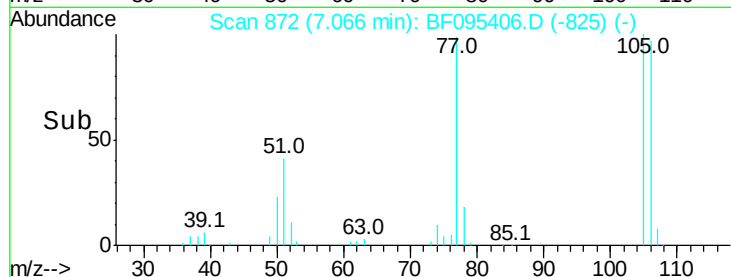
106 98.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.72 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

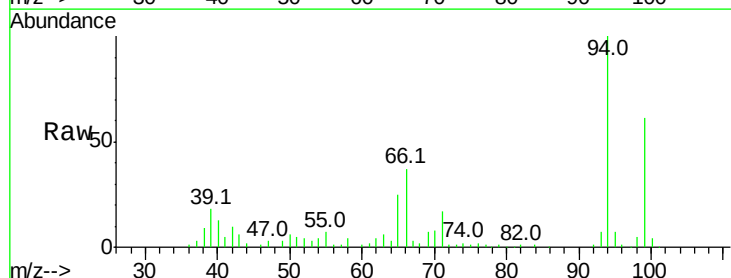
Tgt Ion: 94 Resp: 306364

Ion Ratio Lower Upper

94 100

65 24.6 9.9 49.9

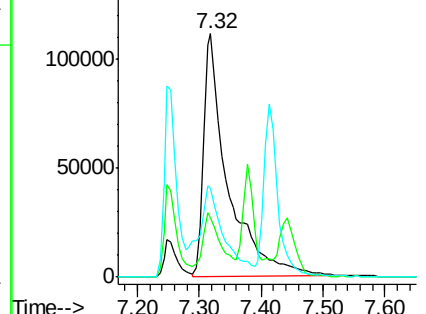
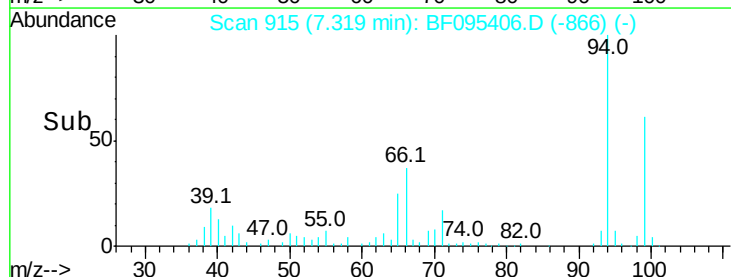
66 36.6 23.1 63.1

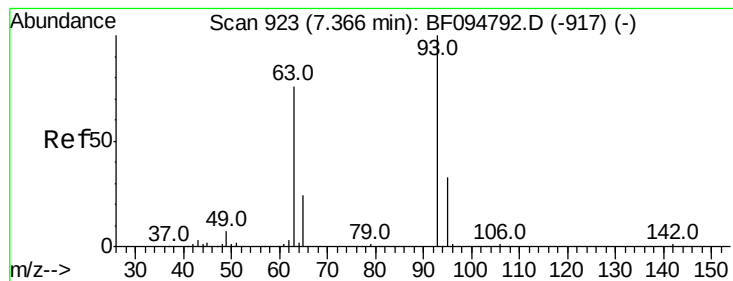


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

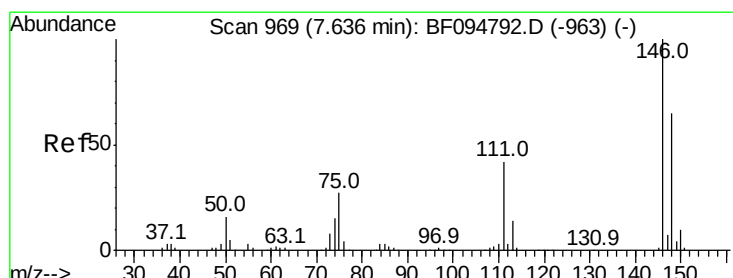
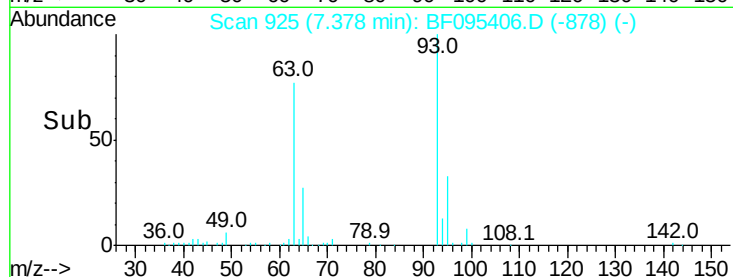
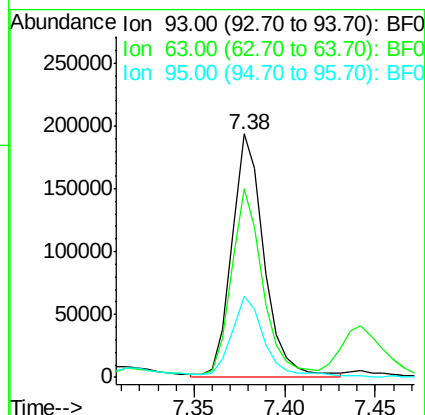
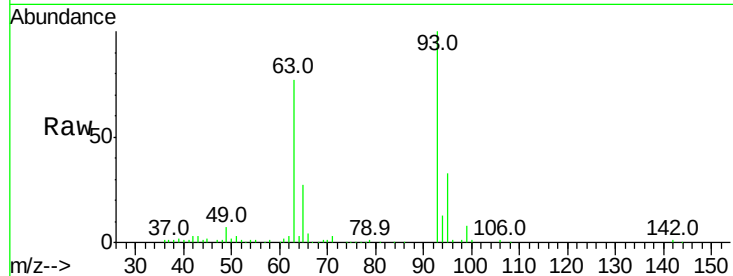




#11
bis(2-Chloroethyl)ether
Concen: 43.26 ng
RT: 7.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

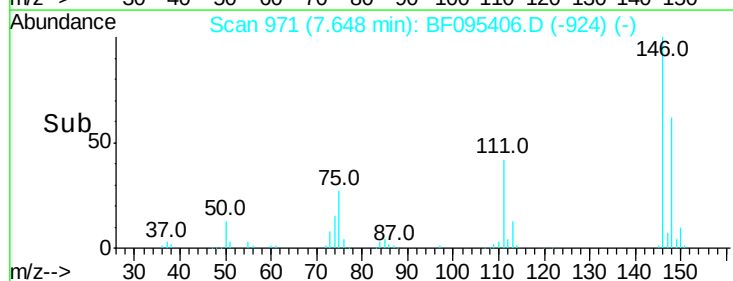
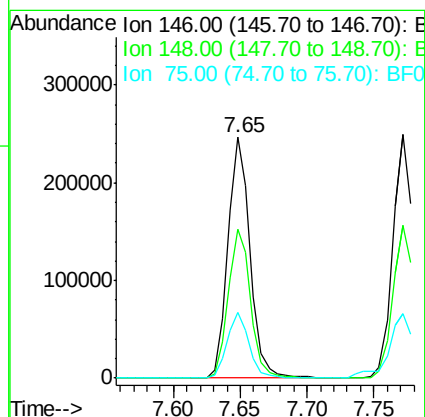
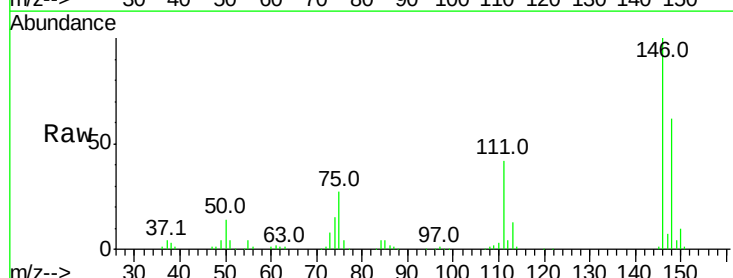
Instrument :
BNA_F
ClientSampleId :

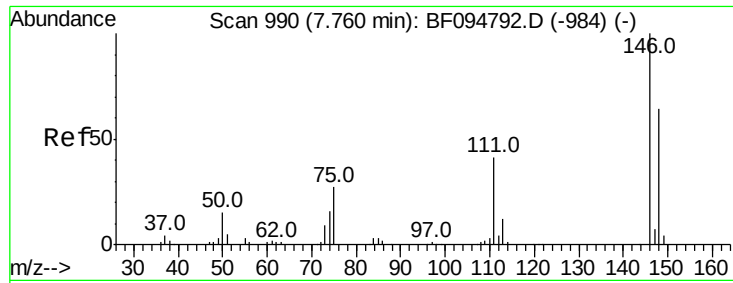
Tot Ion: 93 Resp: 239291
Ion Ratio Lower Upper
93 100
63 77.4 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.16 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion: 146 Resp: 288473
Ion Ratio Lower Upper
146 100
148 61.9 51.8 77.6
75 27.4 23.1 34.7

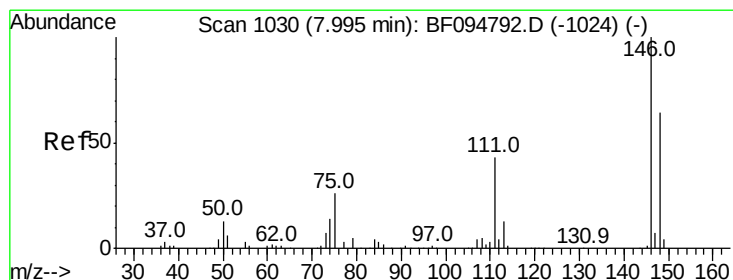
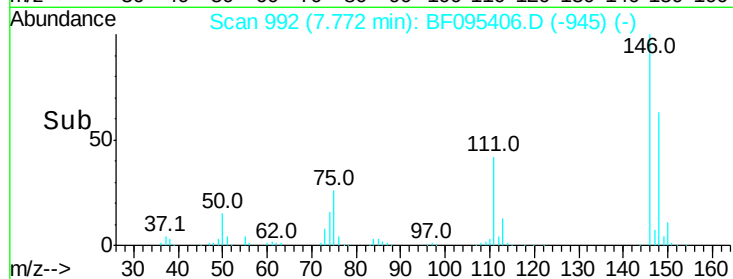
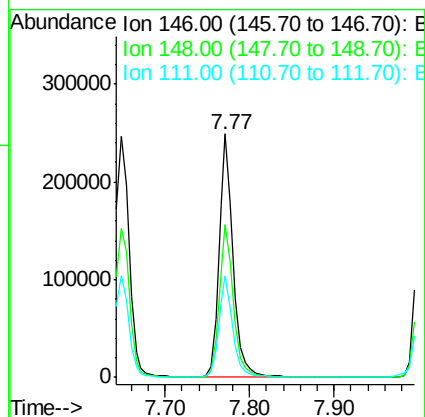
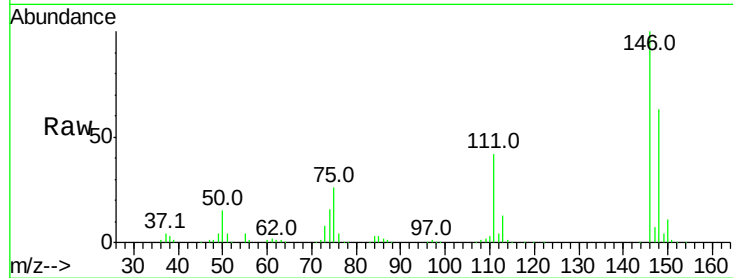




#13
 1,4-Dichlorobenzene
 Concen: 42.13 ng
 RT: 7.77 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

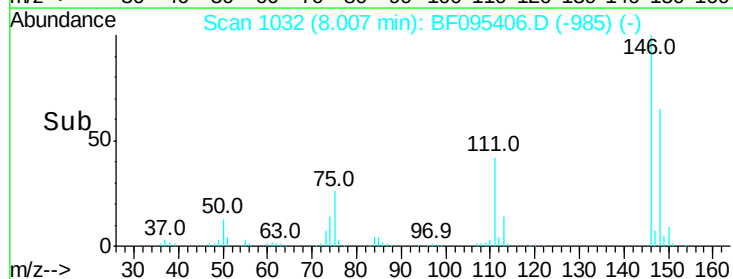
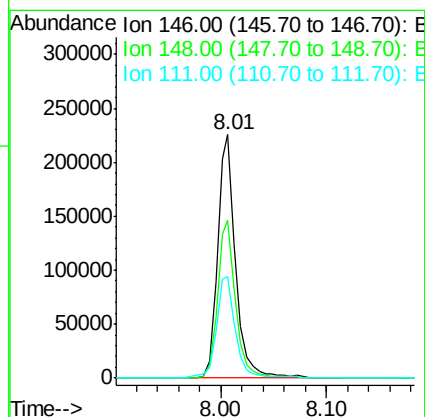
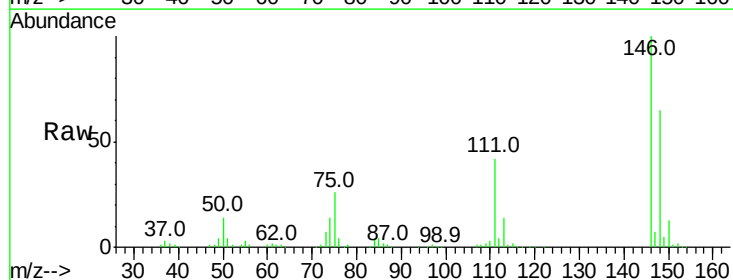
Instrument :
 BNA_F
 ClientSampleId :

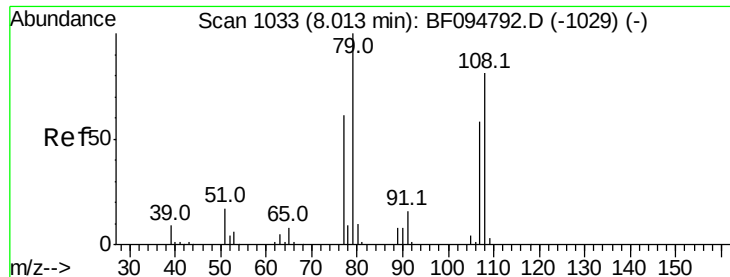
Tot Ion:146 Resp: 292324
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 41.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.78 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:146 Resp: 270642
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 41.6 38.2 57.4

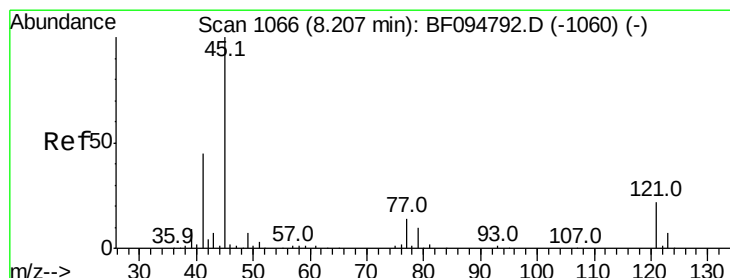
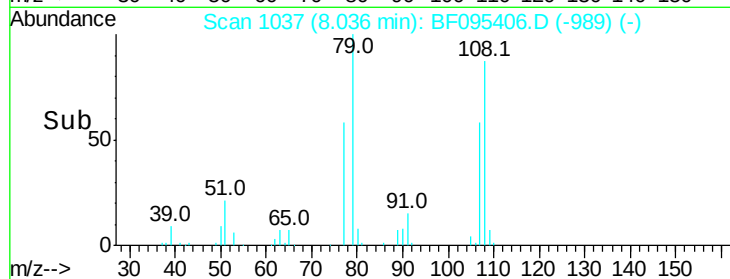
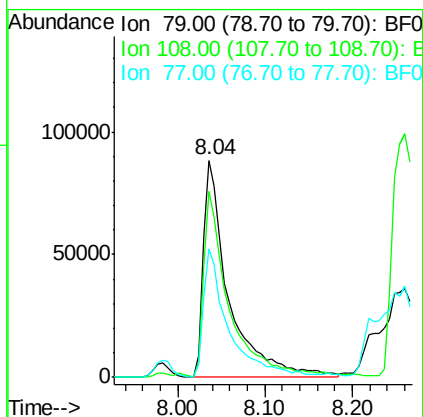
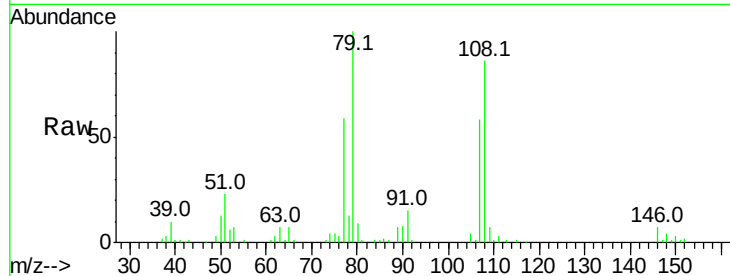




#15
Benzyl Alcohol
Concen: 43.60 ng
RT: 8.04 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

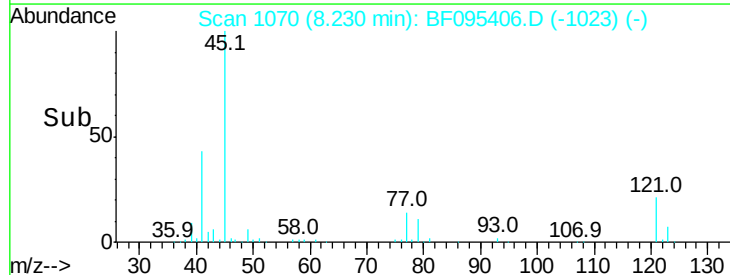
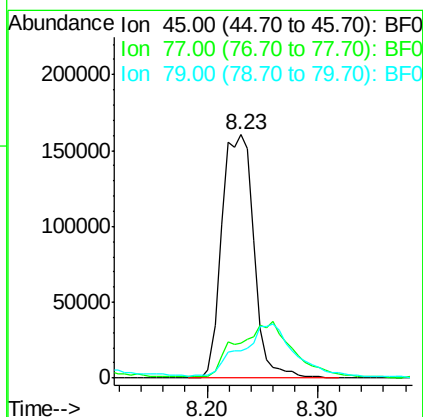
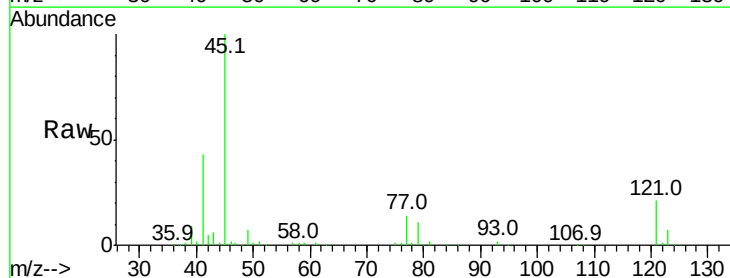
Instrument :
BNA_F
ClientSampled :

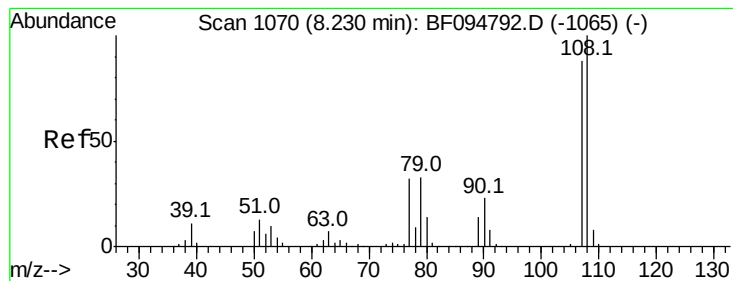
Tot Ion: 79 Resp: 178335
Ion Ratio Lower Upper
79 100
108 85.6 63.4 95.0
77 59.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.75 ng
RT: 8.23 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion: 45 Resp: 326898
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.2
79 11.2 0.0 30.0

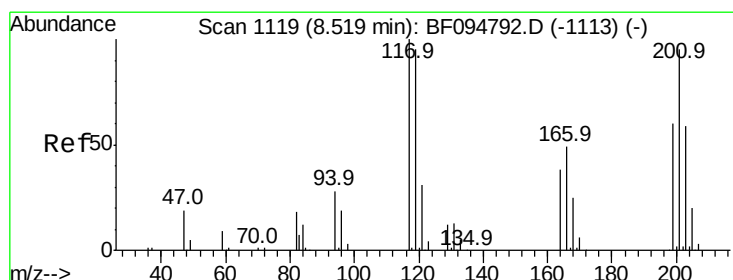
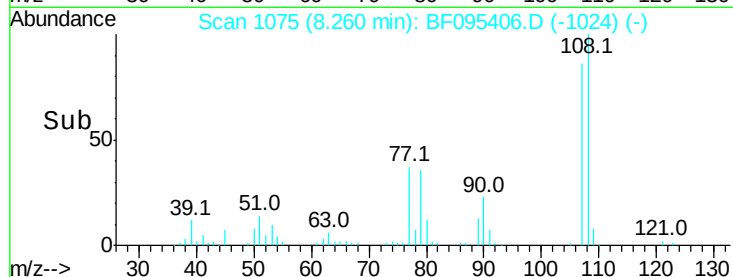
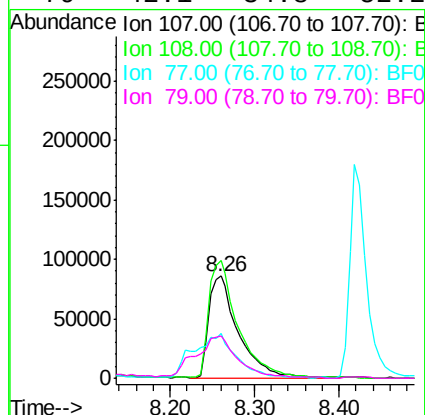
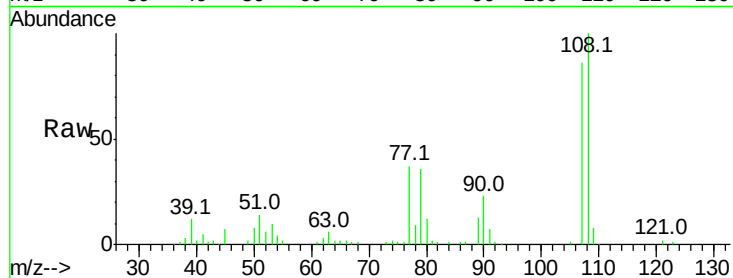




#17
2-Methylphenol
Concen: 42.26 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

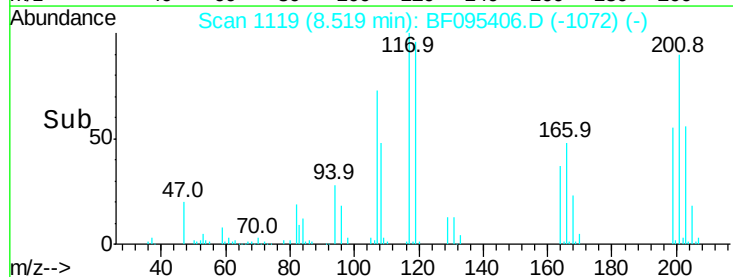
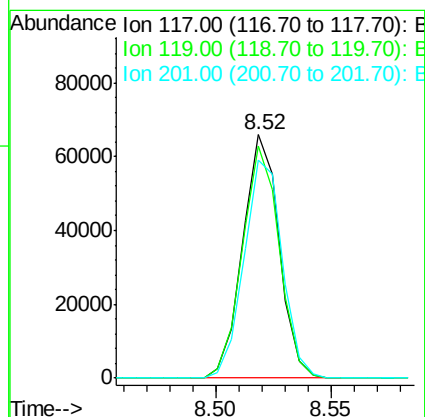
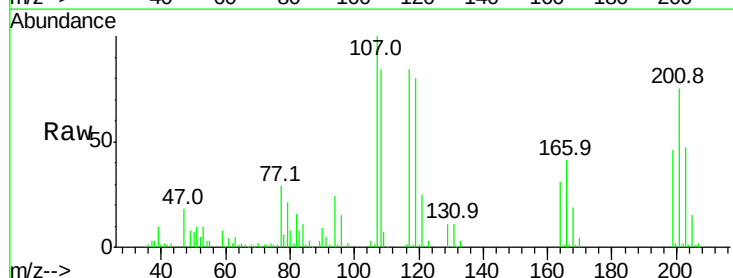
Instrument :
BNA_F
ClientSampleId :

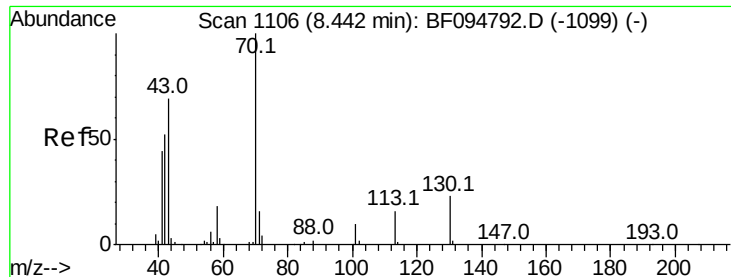
Tot Ion:	107	Resp:	208627
Ion	Ratio	Lower	Upper
107	100		
108	115.8	93.4	140.0
77	43.4	35.8	53.6
79	42.1	34.8	52.2



#18
Hexachloroethane
Concen: 31.03 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion:	117	Resp:	72935
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	89.6	94.6	141.8#

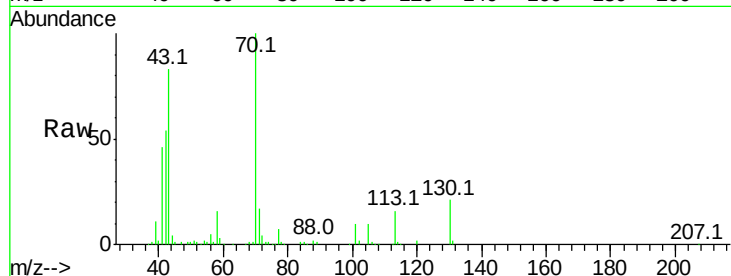




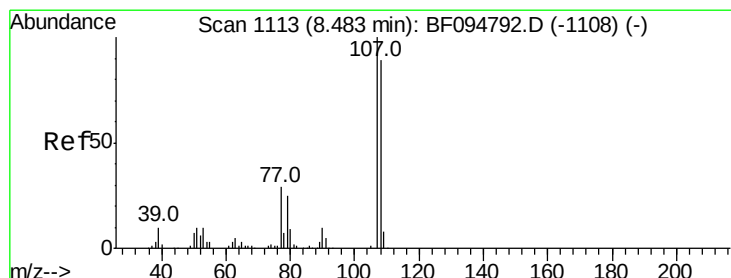
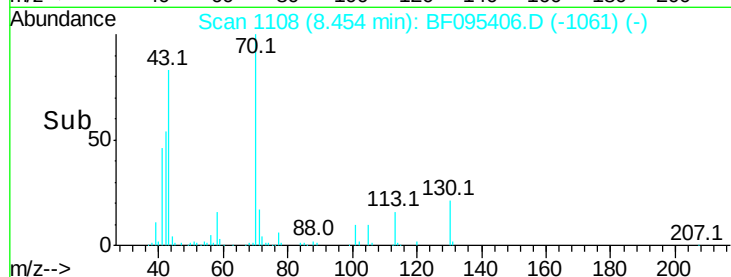
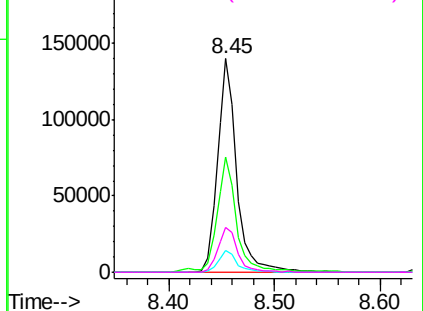
#19
n-Nitroso-di-n-propylamine
Concen: 41.47 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 178362
Ion Ratio Lower Upper
70 100
42 54.0 47.2 70.8
101 9.9 7.2 10.8
130 21.3 15.9 23.9

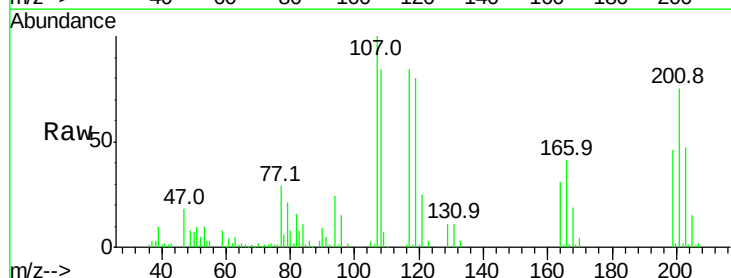


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

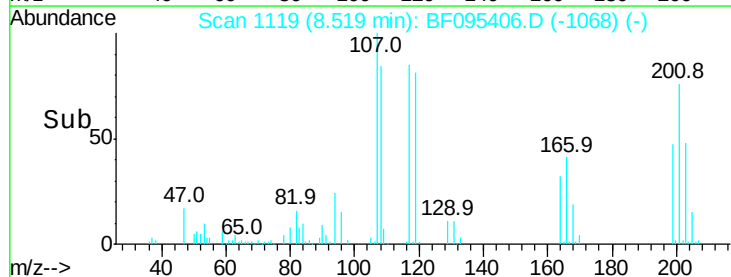
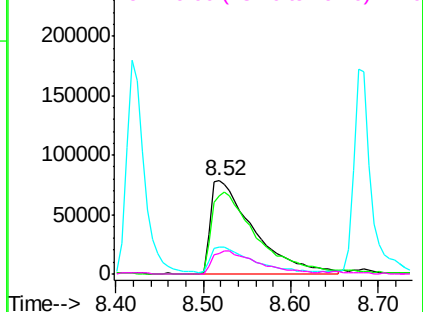


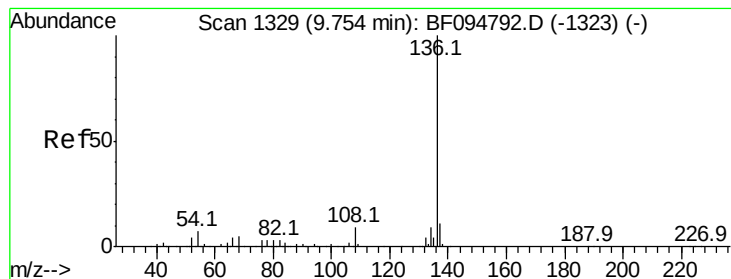
#20
3+4-Methylphenols
Concen: 39.65 ng
RT: 8.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion:107 Resp: 265983
Ion Ratio Lower Upper
107 100
108 83.9 71.0 111.0
77 28.9 90.5 130.5#
79 21.3 8.4 48.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 345250

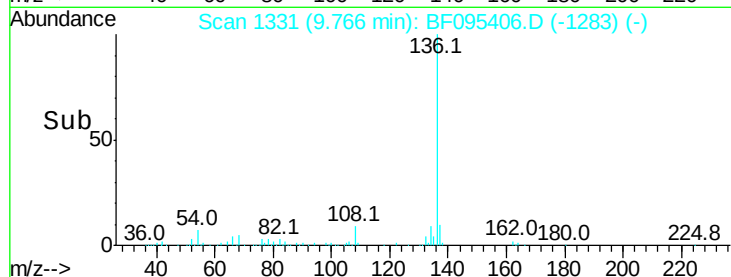
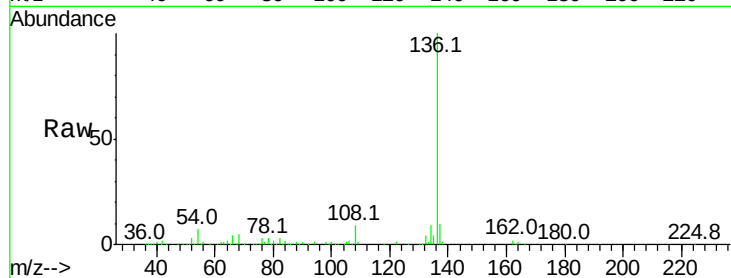
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.8 4.9 7.3

68 5.1 4.1 6.1

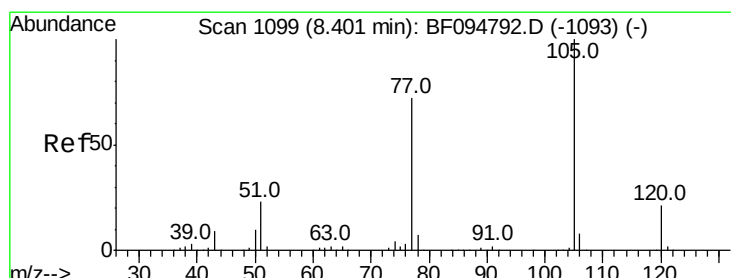
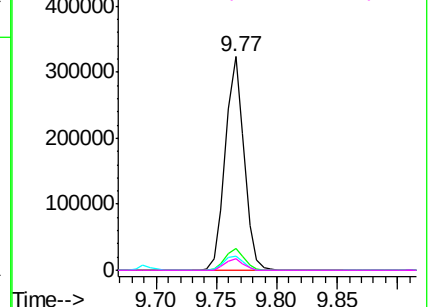


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.24 ng

RT: 8.42 min Scan# 1102

Delta R.T. -0.03 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:105 Resp: 349906

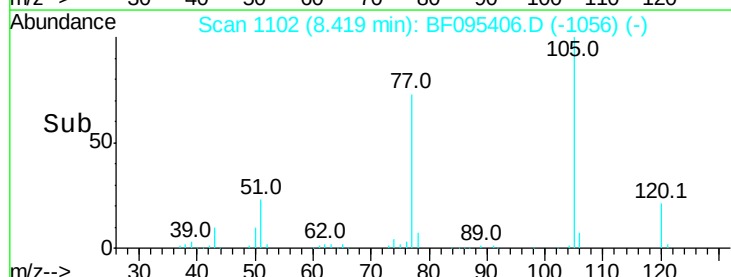
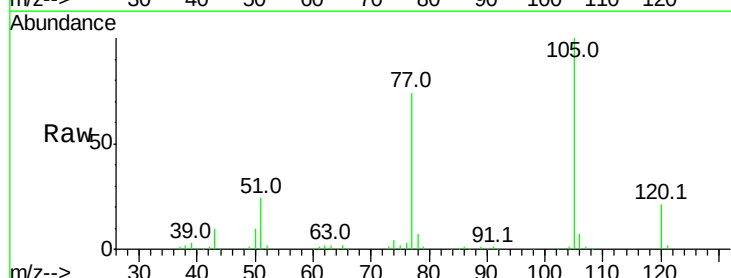
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.0 30.7 46.1#

120 21.3 17.4 26.0

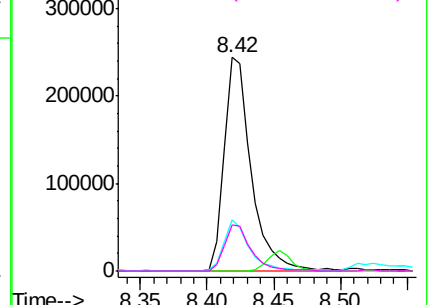


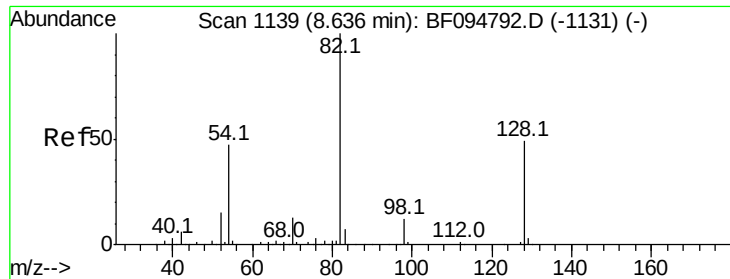
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

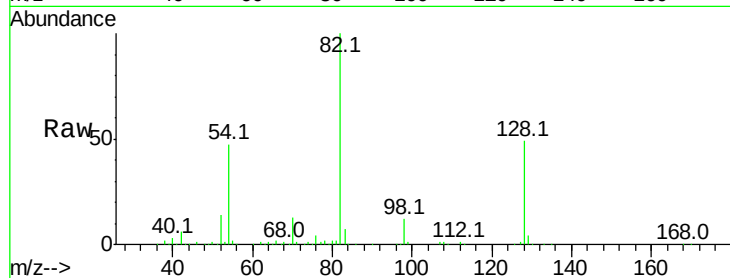




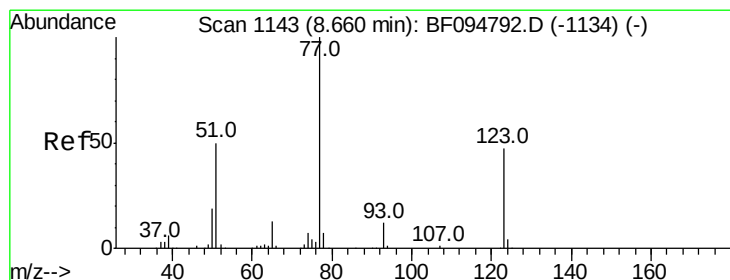
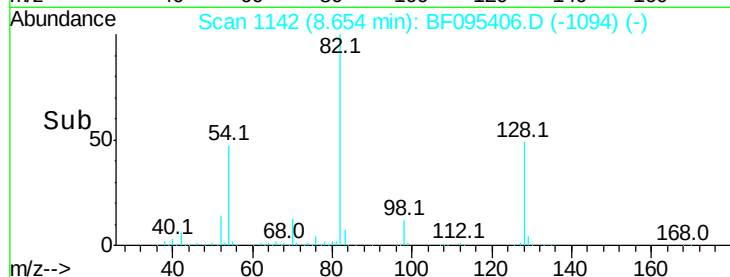
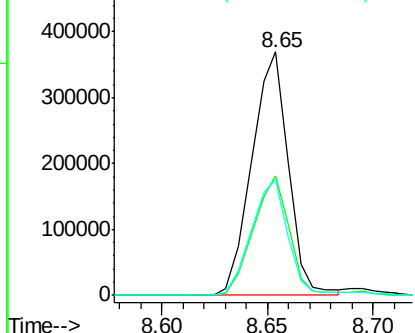
#23
 Nitrobenzene-d5
 Concen: 81.20 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 444603
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 47.3 42.2 63.2

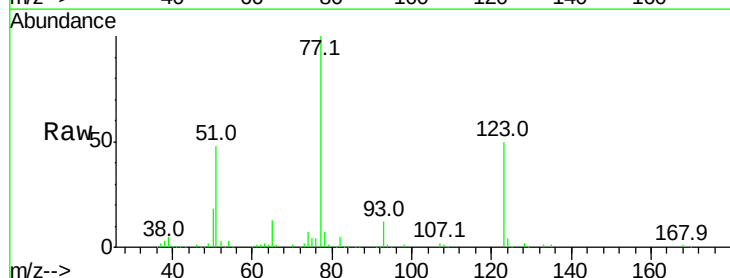


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

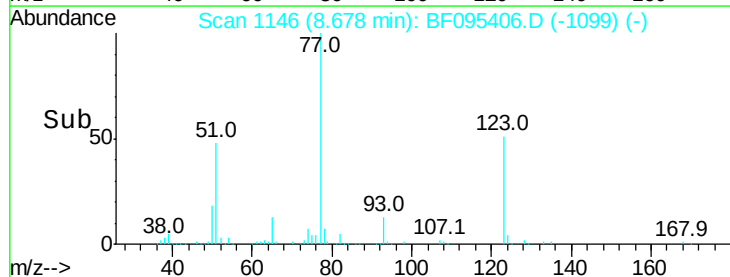
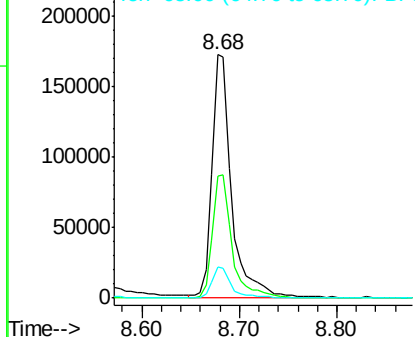


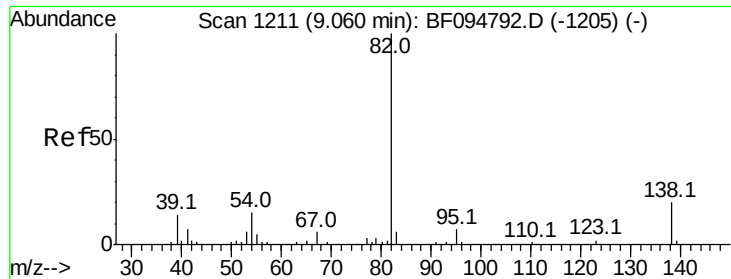
#24
 Nitrobenzene
 Concen: 41.62 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion: 77 Resp: 238860
 Ion Ratio Lower Upper
 77 100
 123 50.0 35.8 53.8
 65 12.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

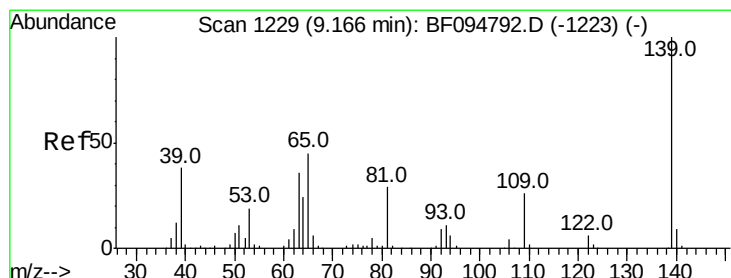
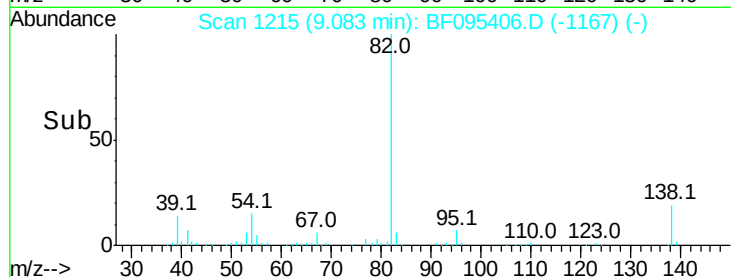
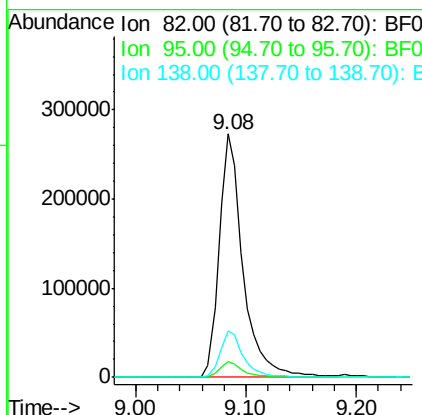
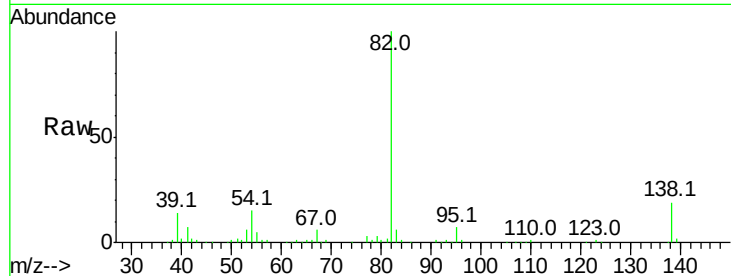




#25
Isophorone
Concen: 42.08 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

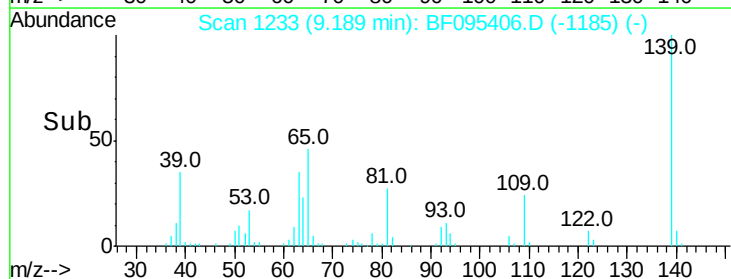
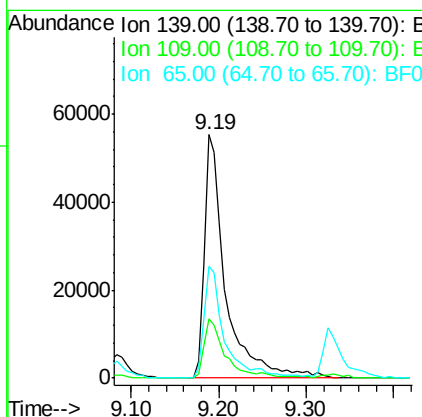
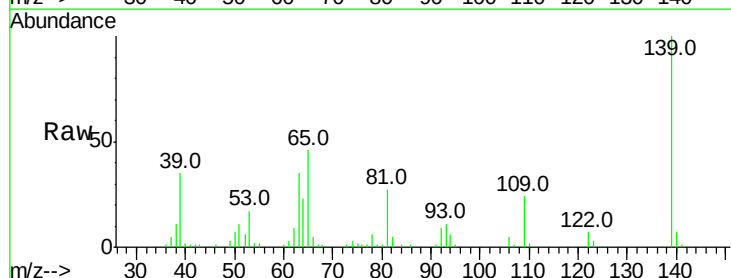
Instrument :
BNA_F
ClientSampleId :

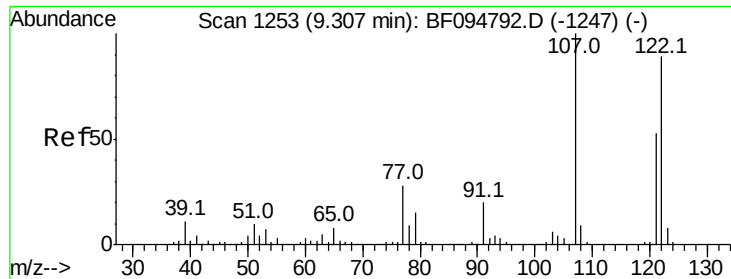
Tot Ion: 82 Resp: 411417
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 19.2 13.1 19.7



#26
2-Nitrophenol
Concen: 30.04 ng
RT: 9.19 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion:139 Resp: 93031
Ion Ratio Lower Upper
139 100
109 24.3 21.0 31.6
65 46.1 33.0 49.6

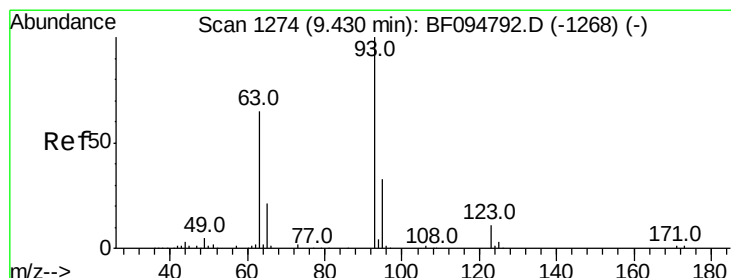
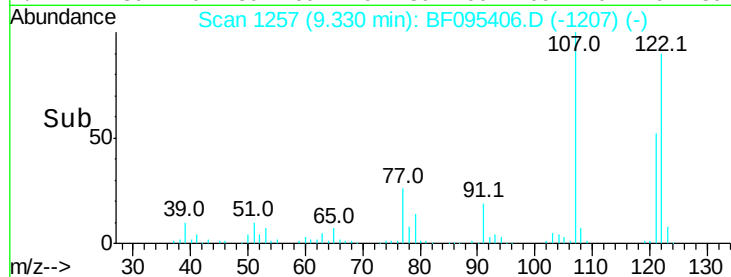
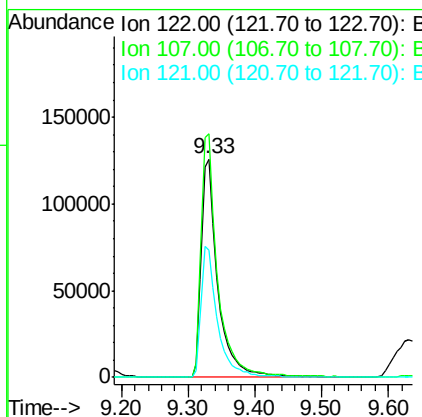
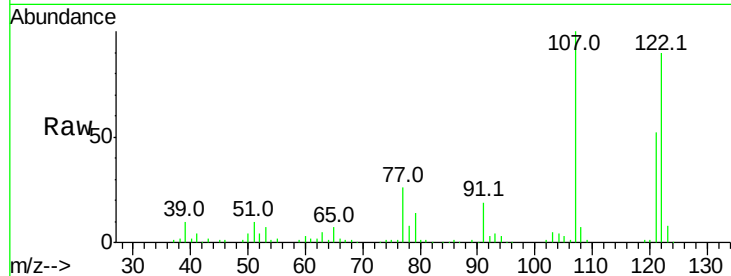




#27
 2,4-Dimethylphenol
 Concen: 42.66 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

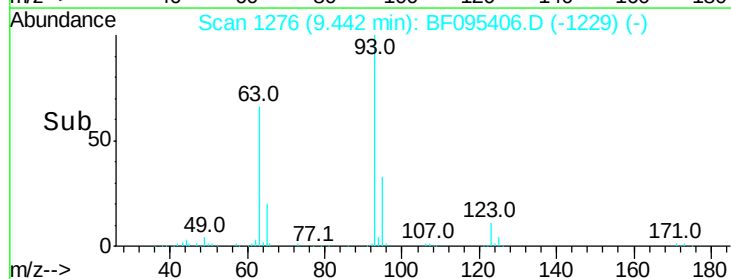
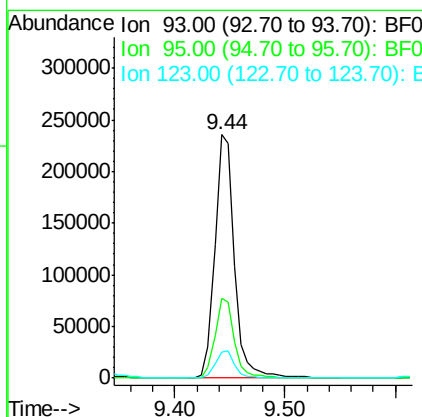
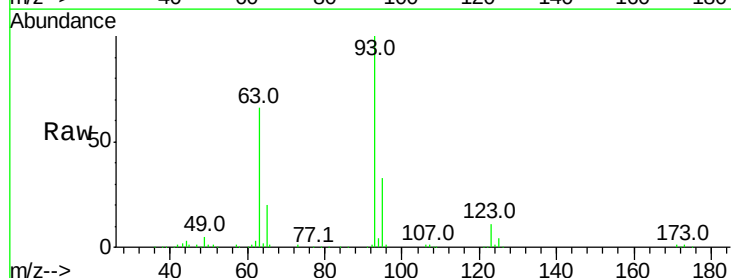
Instrument :
 BNA_F
 ClientSampleId :

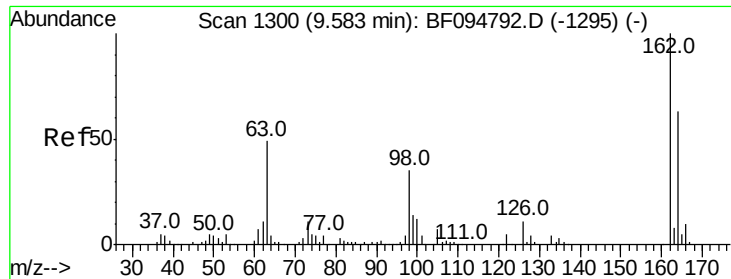
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	89.2	133.8
121	58.5	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.67 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	10.6	9.0	13.4

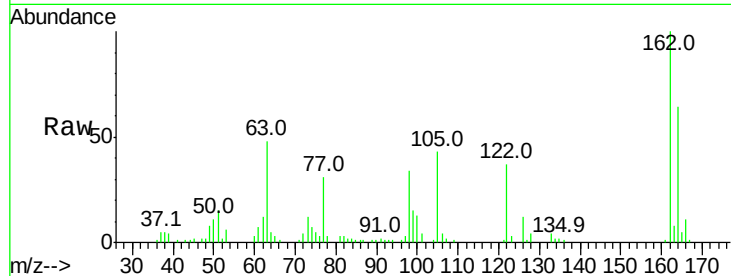




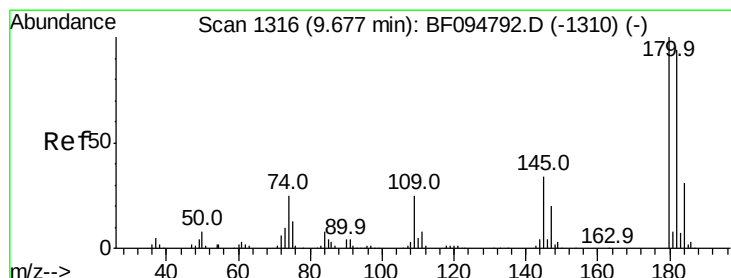
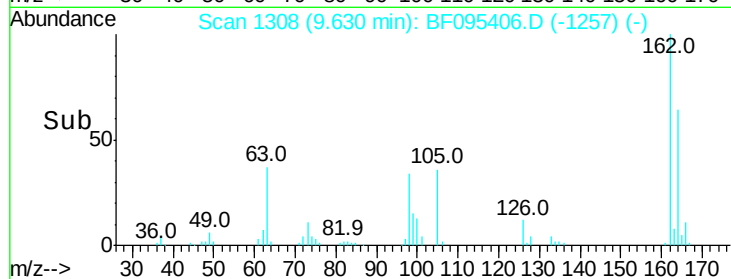
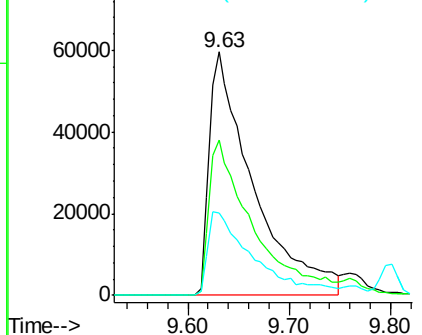
#29
 2,4-Dichlorophenol
 Concen: 37.79 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	34.0	14.8	54.8

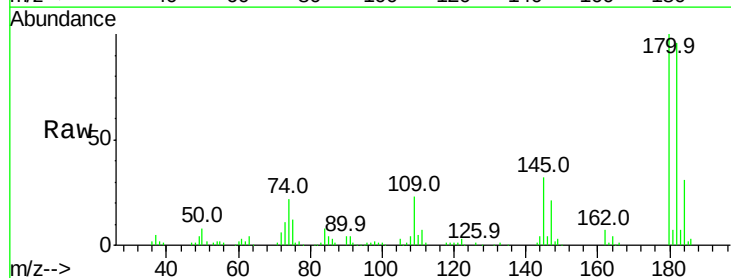


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

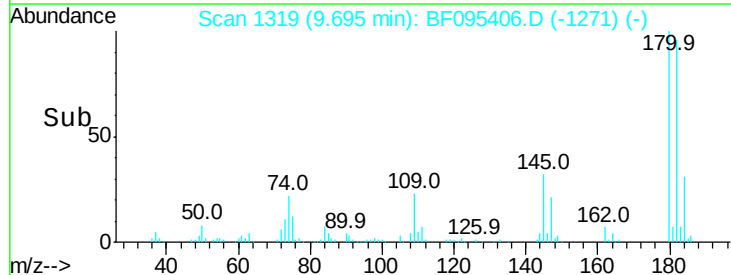
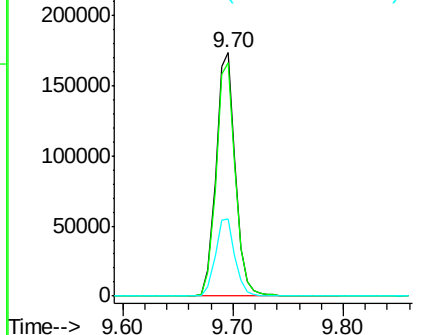


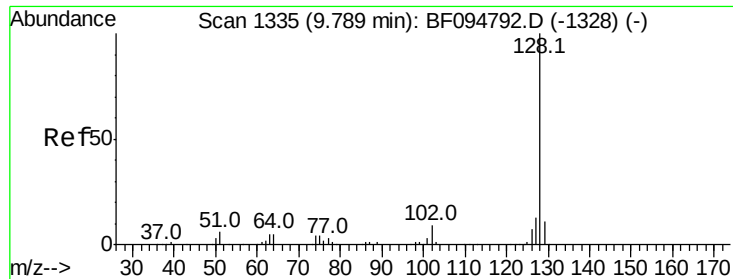
#30
 1,2,4-Trichlorobenzene
 Concen: 41.32 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	31.9	25.3	37.9



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

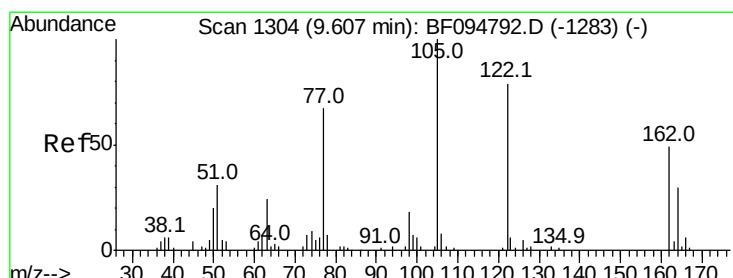
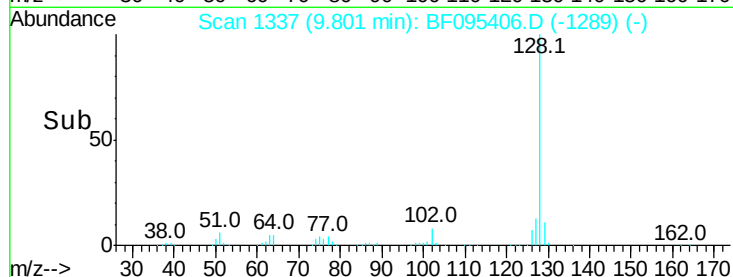
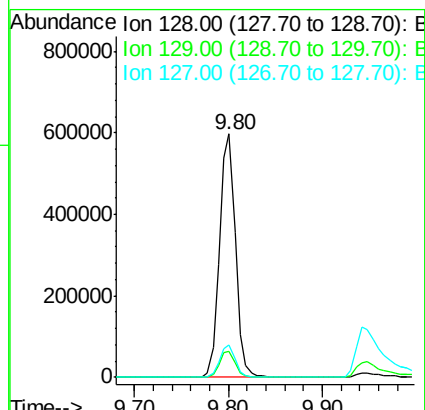
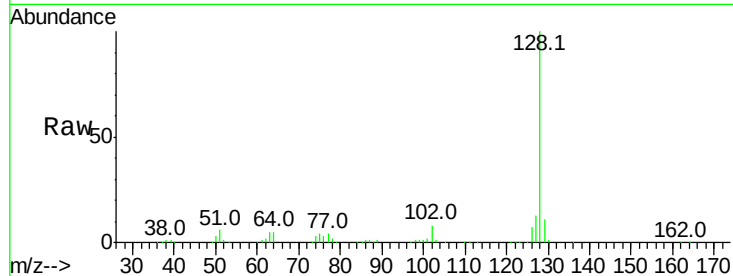




#31
Naphthalene
Concen: 41.03 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

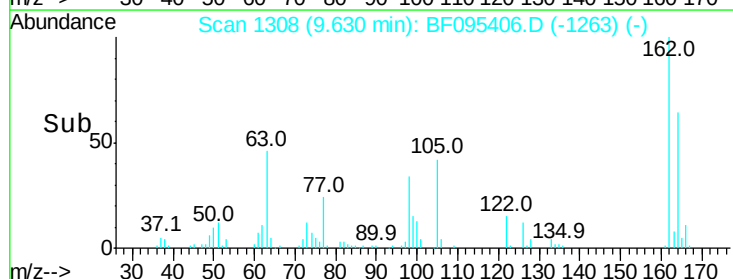
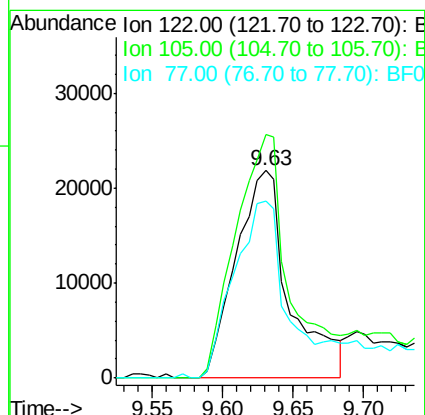
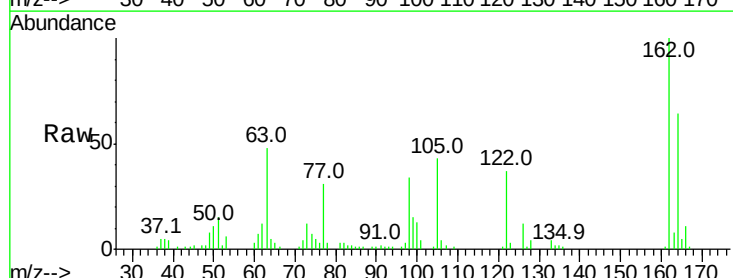
Instrument :
BNA_F
ClientSampleId :

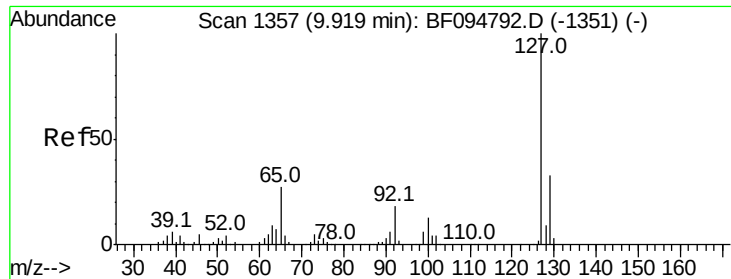
Tot Ion:128 Resp: 711972
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 20.87 ng
RT: 9.63 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion:122 Resp: 58043
Ion Ratio Lower Upper
122 100
105 117.5 103.3 143.3
77 85.2 73.7 113.7

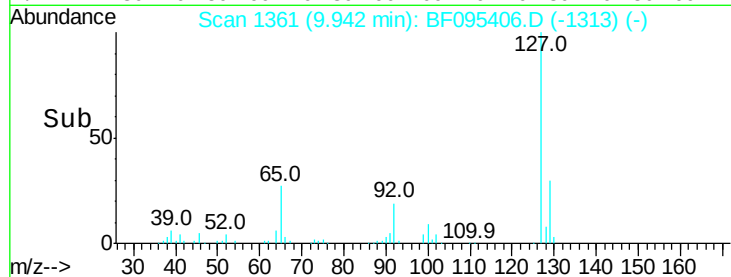
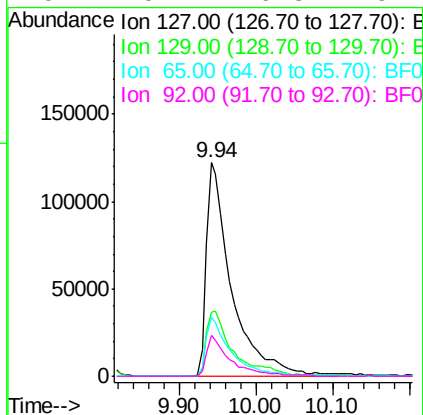
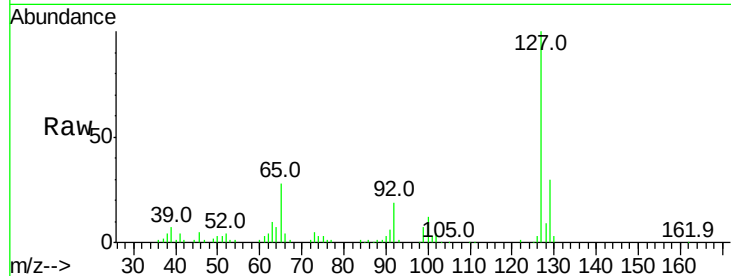




#33
 4-Chloroaniline
 Concen: 42.74 ng
 RT: 9.94 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

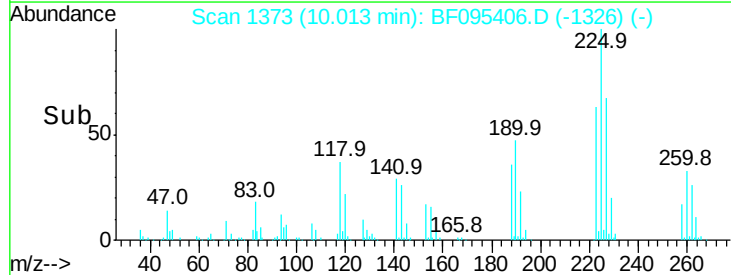
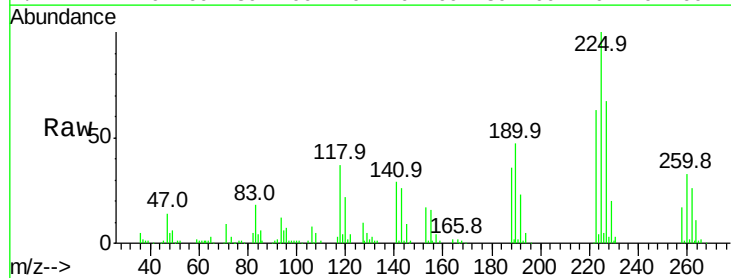
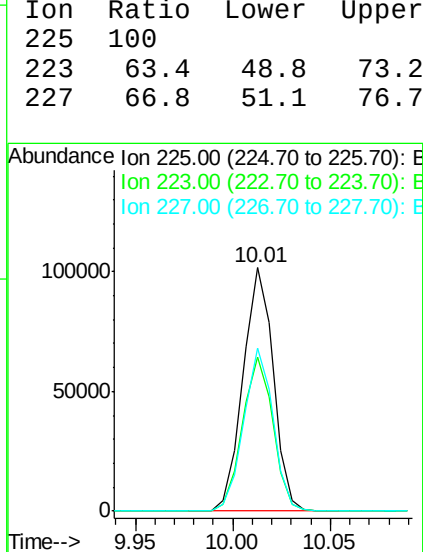
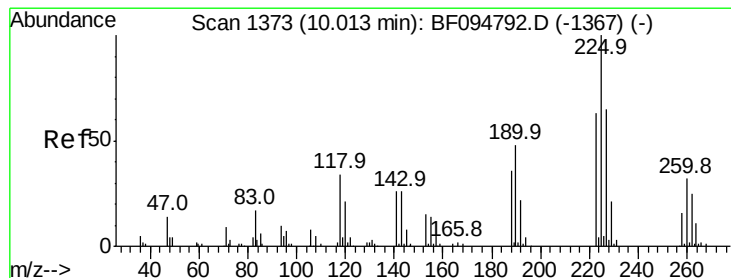
Instrument :
 BNA_F
 ClientSampleId :

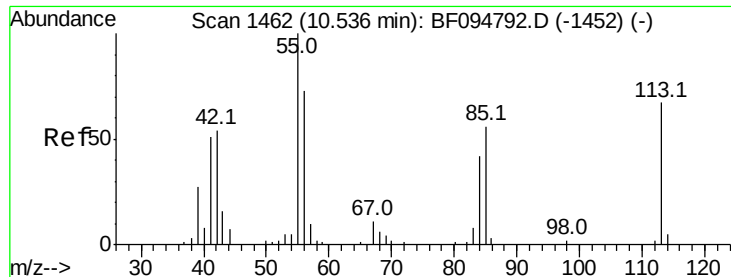
Tot Ion:	127	Resp:	276403
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.2	39.2
65	27.5	27.8	41.8#
92	19.1	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 40.95 ng
 RT: 10.01 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:	225	Resp:	109428
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	66.8	51.1	76.7





#35

Caprolactam

Concen: 39.15 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

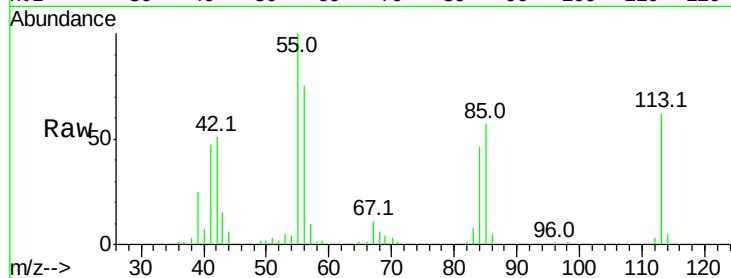
Tot Ion:113 Resp: 55572

Ion Ratio Lower Upper

113 100

55 160.3 150.2 190.2

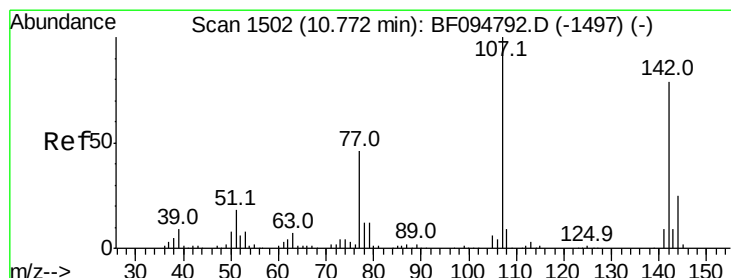
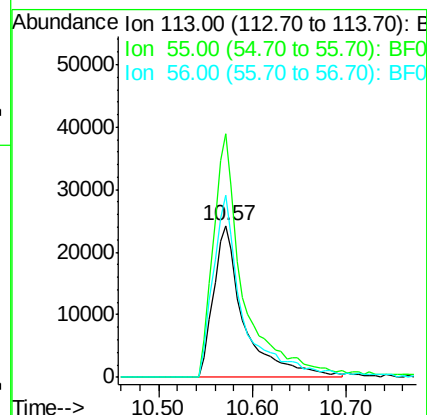
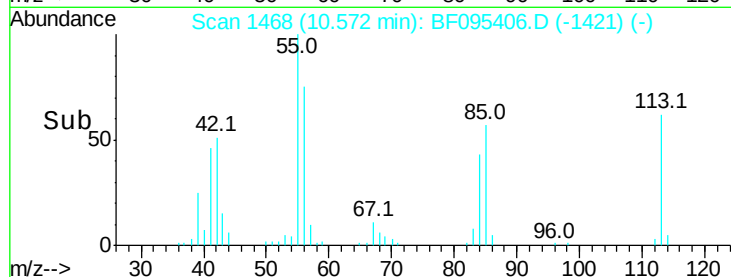
56 120.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.57 ng

RT: 10.81 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

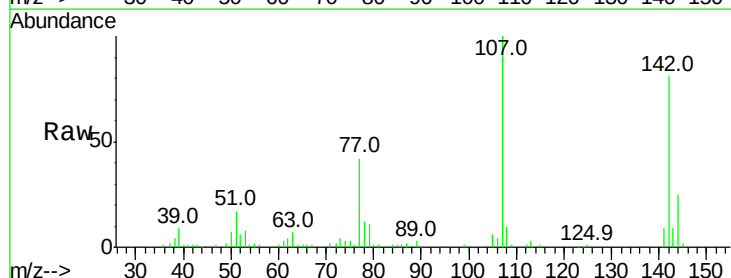
Tgt Ion:107 Resp: 200011

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

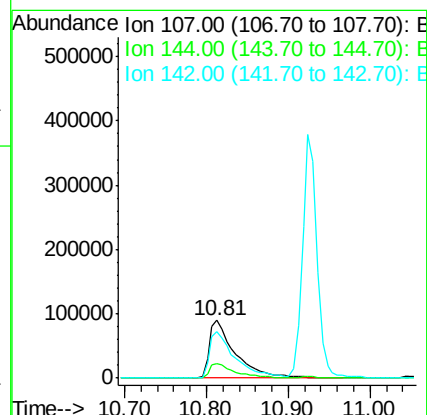
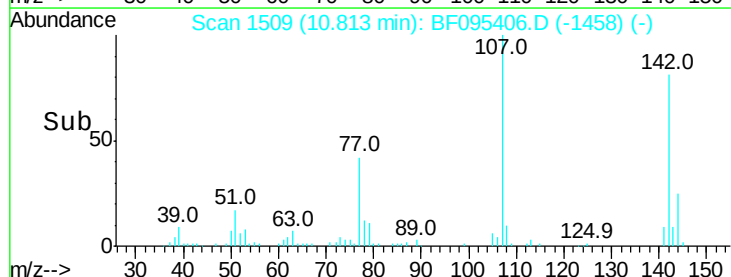
142 81.3 73.4 110.0

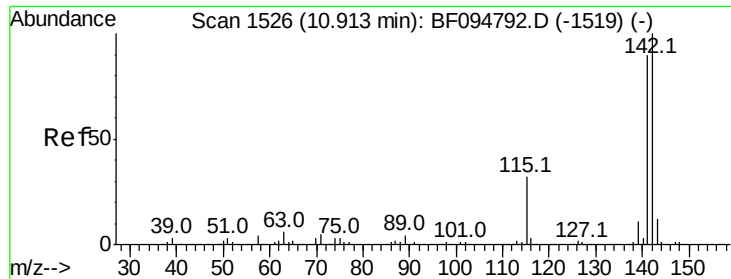


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

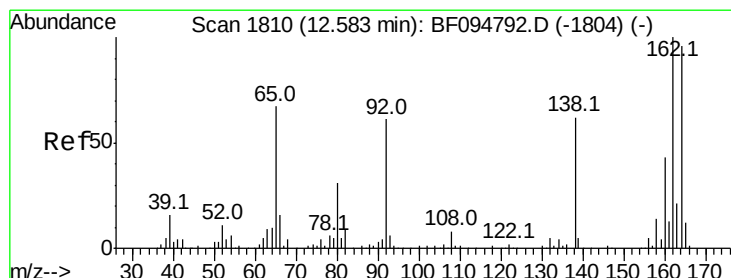
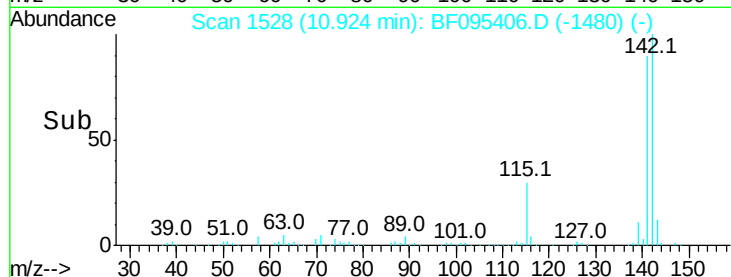
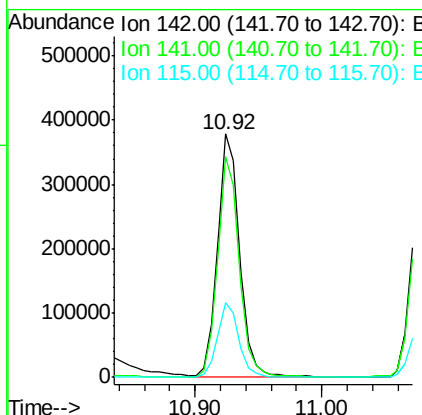
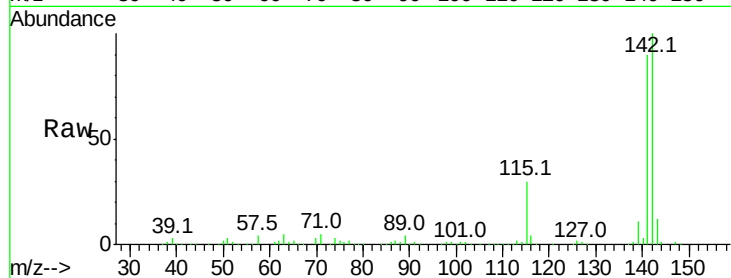




#37
2-Methylnaphthalene
Concen: 40.58 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

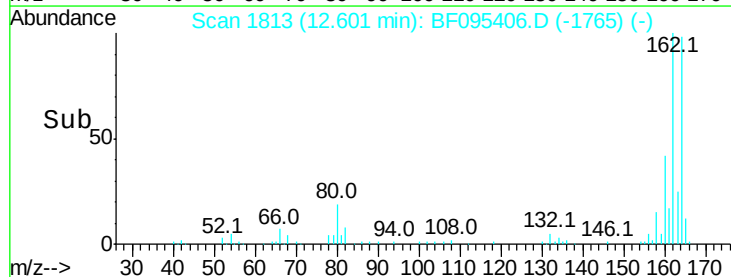
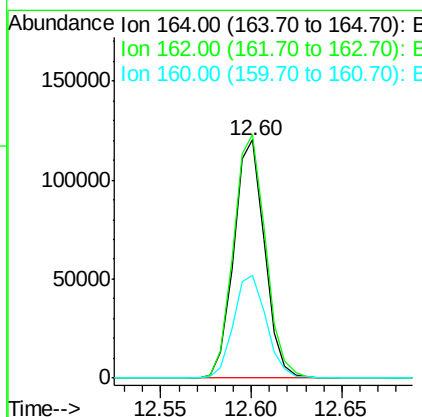
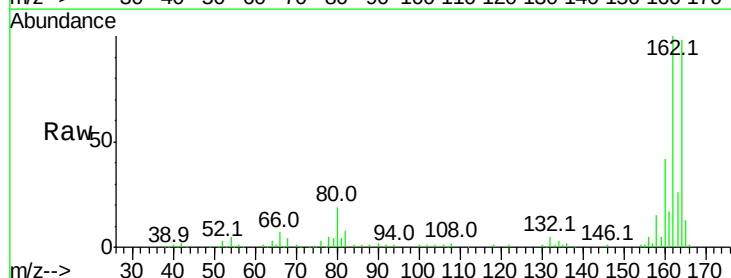
Instrument :
BNA_F
ClientSampled :

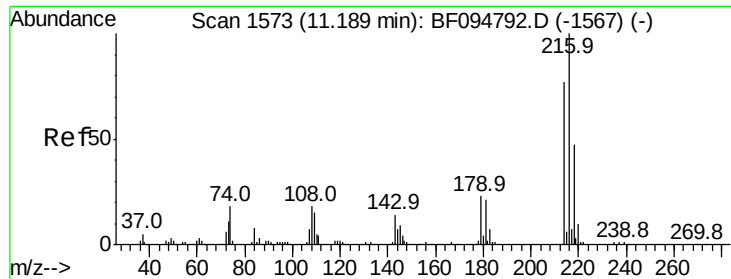
Tot Ion:142 Resp: 462132
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 30.4 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion:164 Resp: 141832
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 43.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.59 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 185756

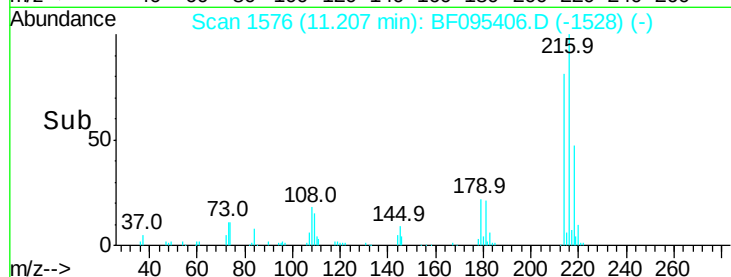
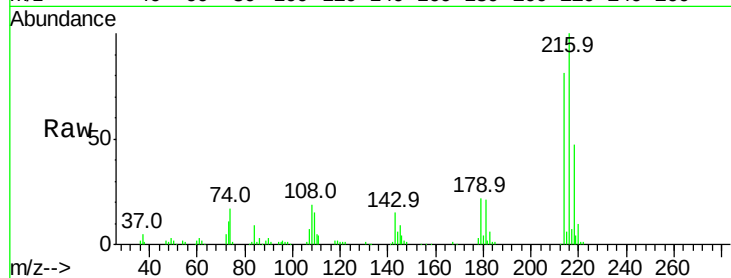
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 21.9 17.9 26.9

108 18.2 16.5 24.7

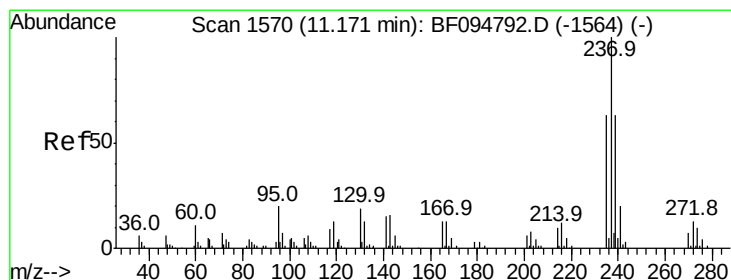
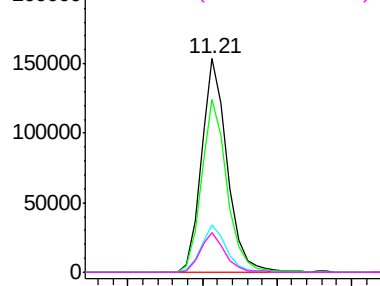


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 7.47 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

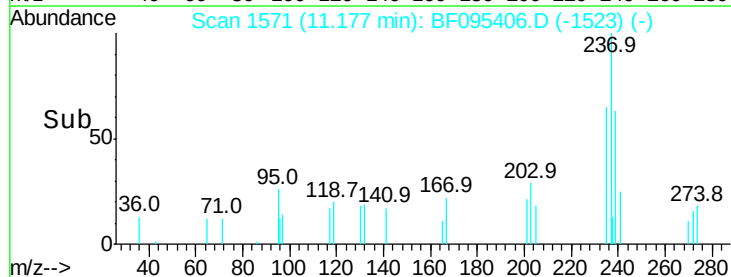
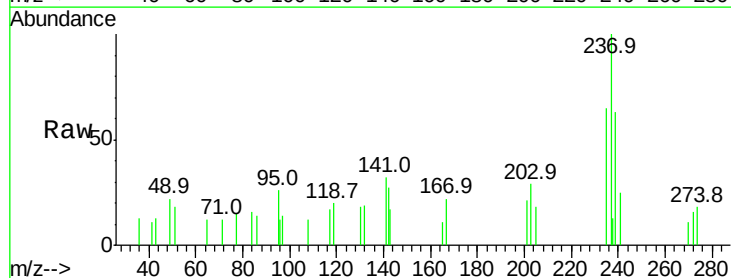
Tgt Ion:237 Resp: 2811

Ion Ratio Lower Upper

237 100

235 64.9 42.6 82.6

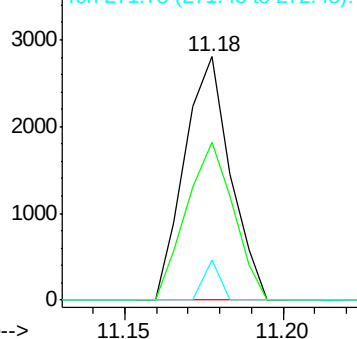
272 16.4 0.0 31.9

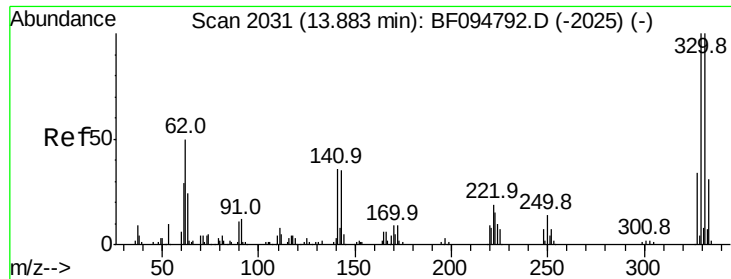


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

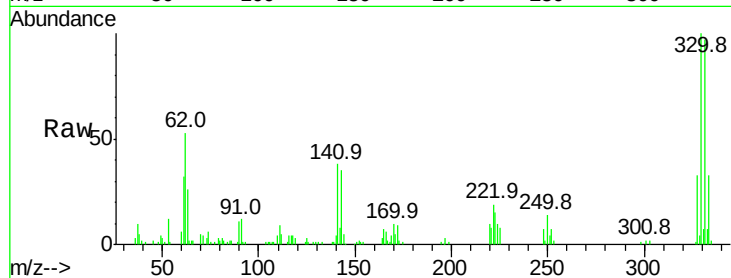




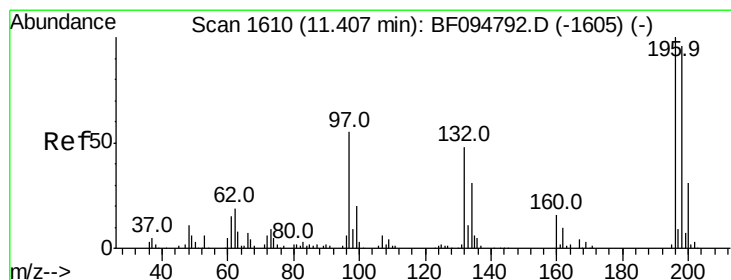
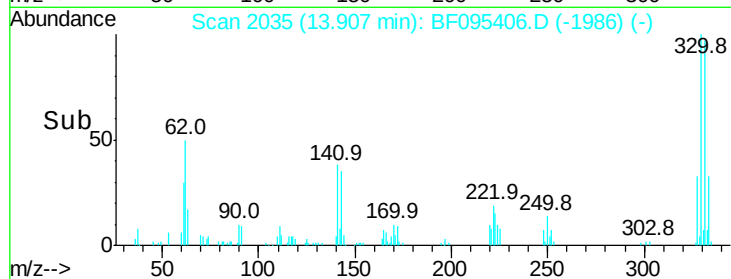
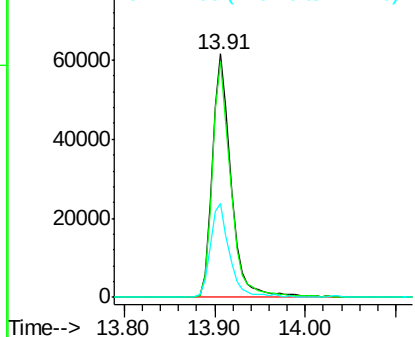
#41
 2,4,6-Tribromophenol
 Concen: 76.06 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.3	31.4	47.2

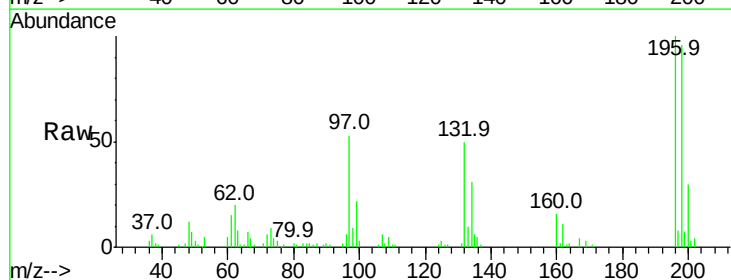


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

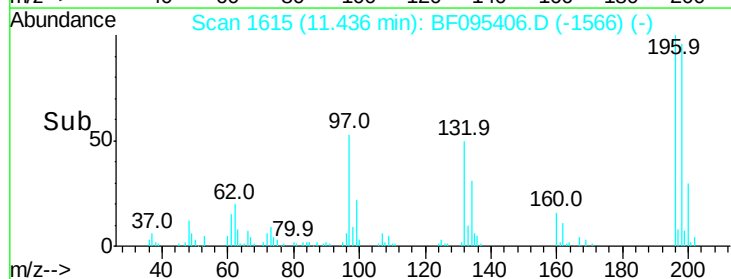
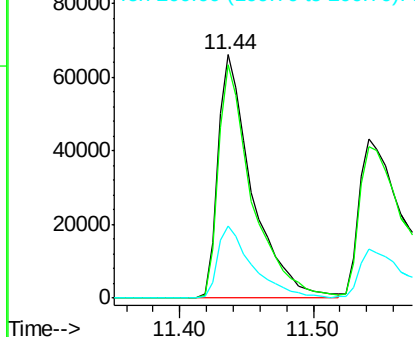


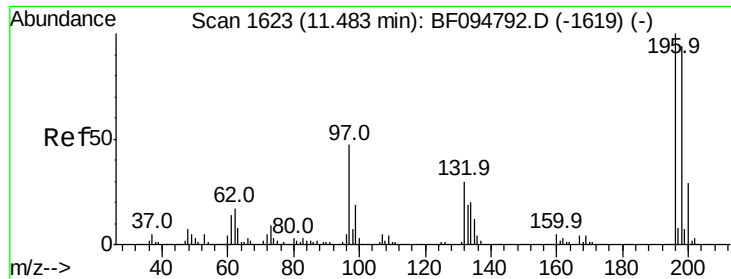
#42
 2,4,6-Trichlorophenol
 Concen: 40.69 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.4
200	29.7	24.0	36.0



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

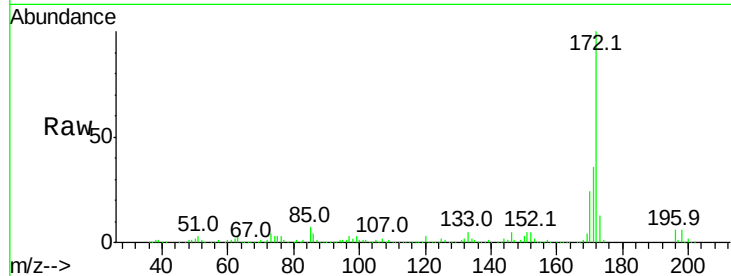




#43
 2,4,5-Trichlorophenol
 Concen: 37.25 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
97	52.7	47.7	71.5
132	37.3	28.0	42.0



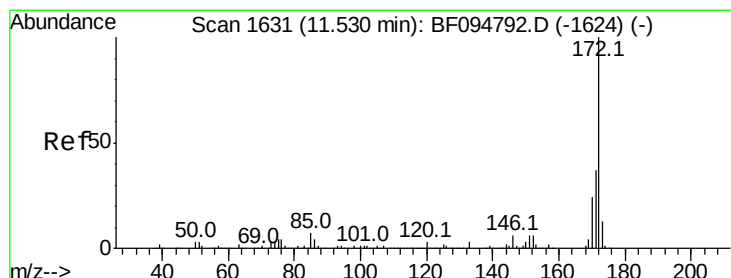
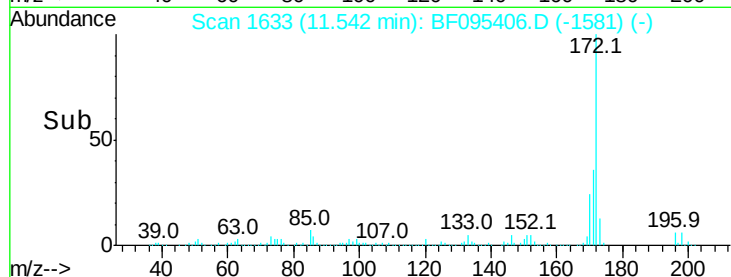
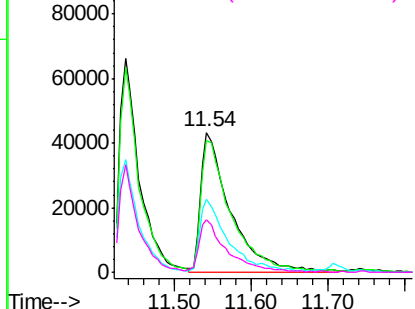
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

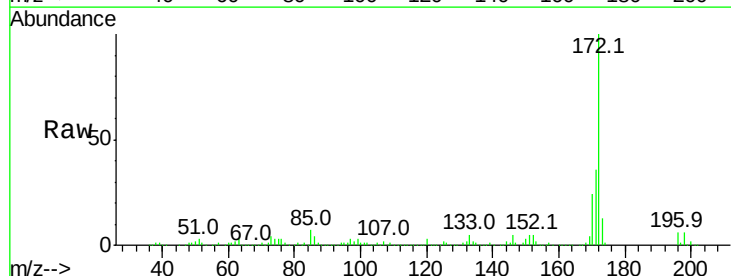
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.84 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8

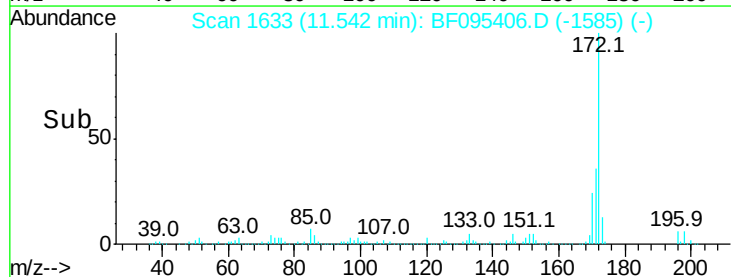
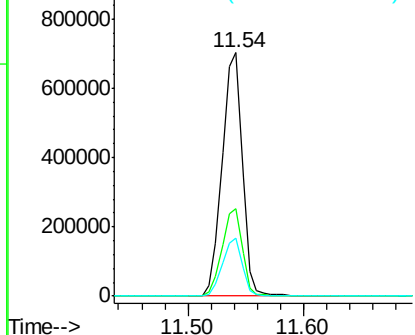


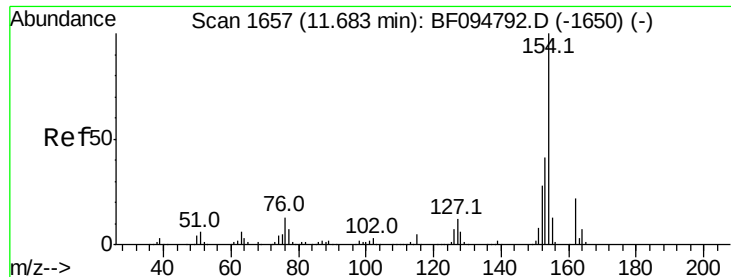
Abundance

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

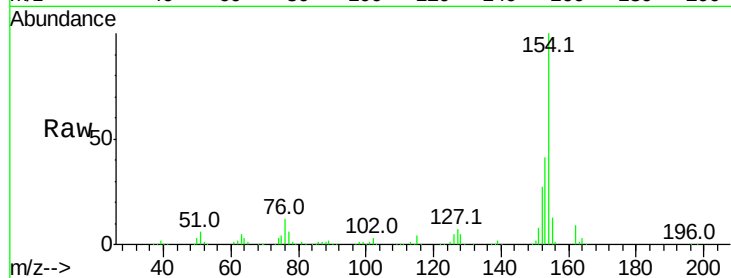




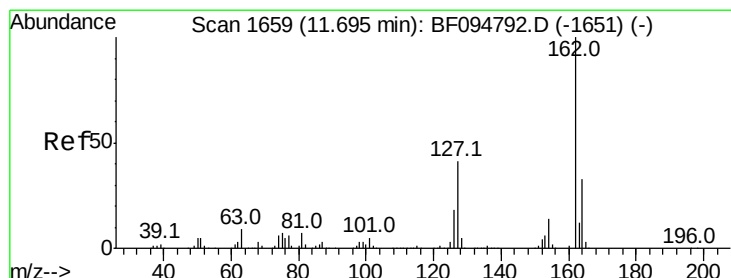
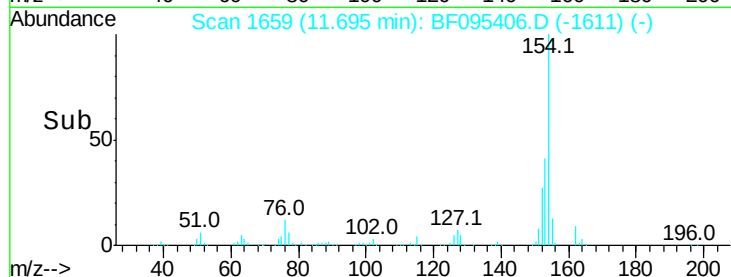
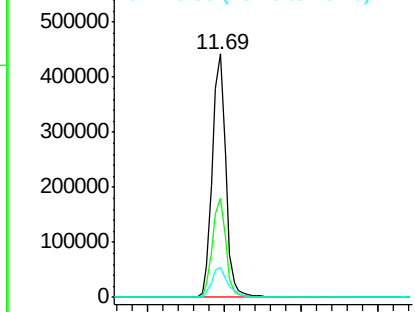
#45
 1,1'-Biphenyl
 Concen: 44.42 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.3	0.0	29.9

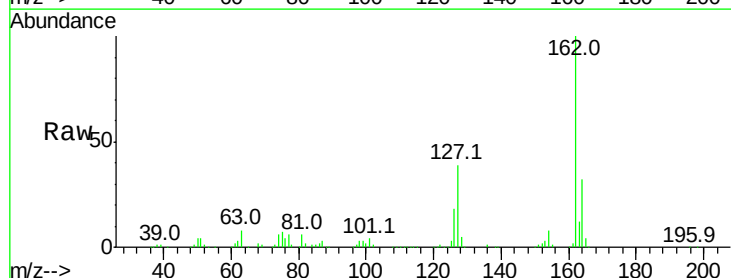


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

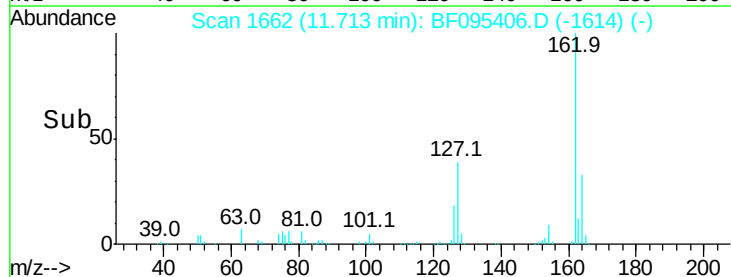
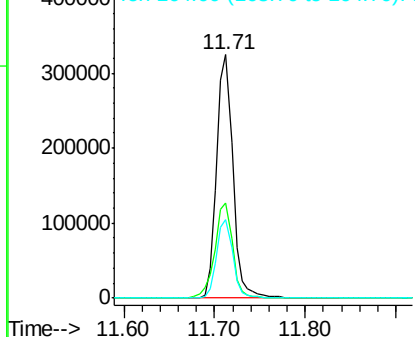


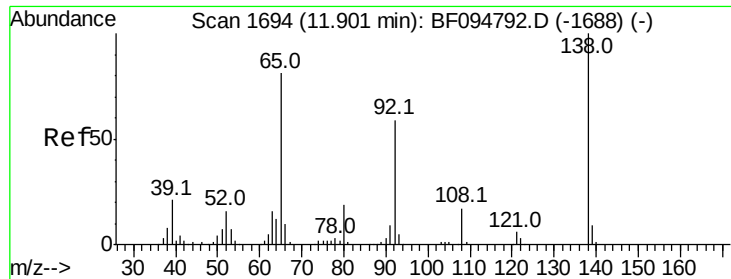
#46
 2-Chloronaphthalene
 Concen: 41.90 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	28.3	42.5
164	32.4	27.0	40.4



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

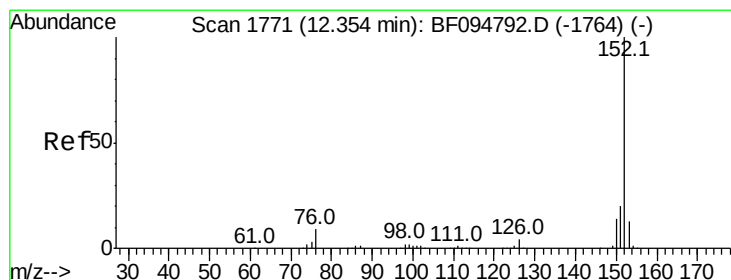
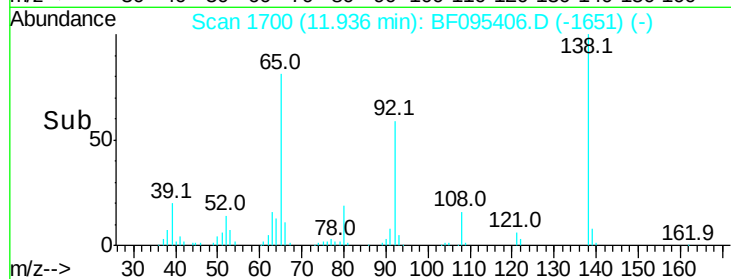
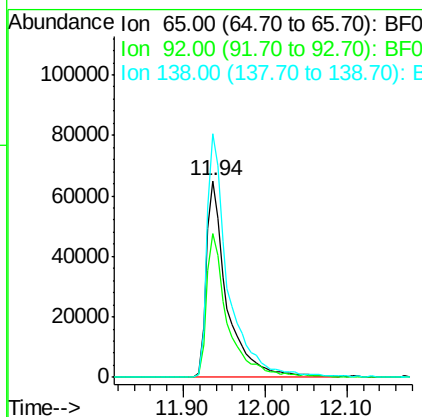
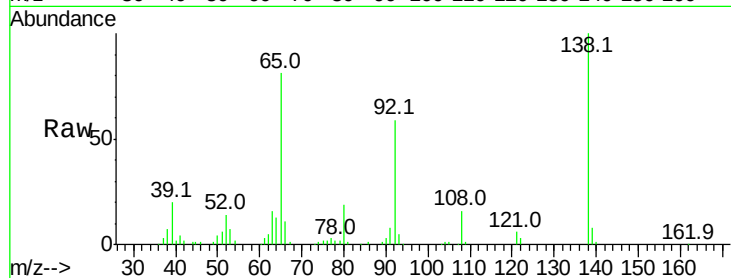




#47
 2-Nitroaniline
 Concen: 43.22 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

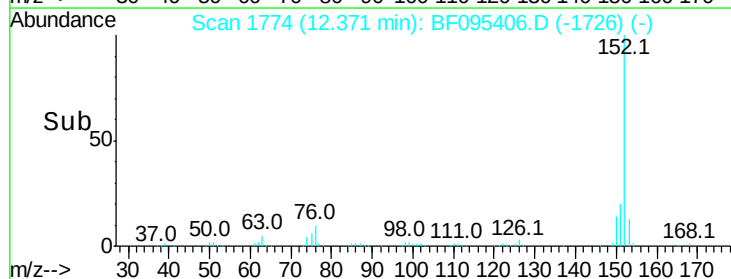
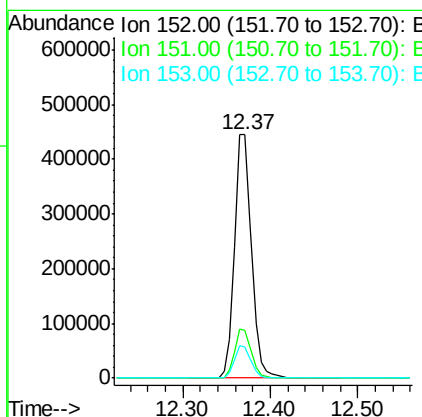
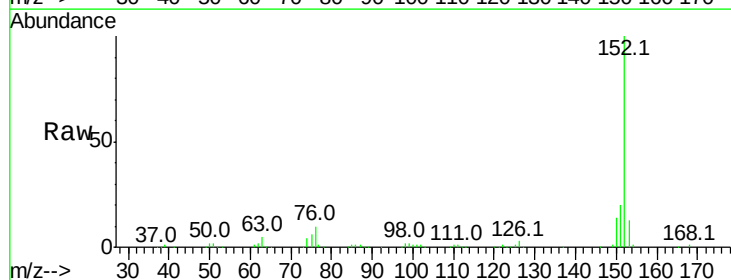
Instrument :
 BNA_F
 ClientSampled :

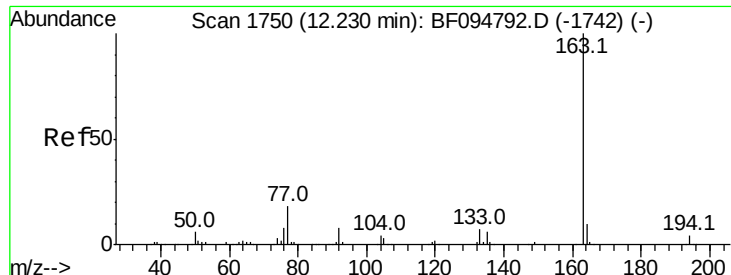
Tot Ion: 65 Resp: 114067
 Ion Ratio Lower Upper
 65 100
 92 73.1 53.9 80.9
 138 124.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.88 ng
 RT: 12.37 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:152 Resp: 587236
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 42.74 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

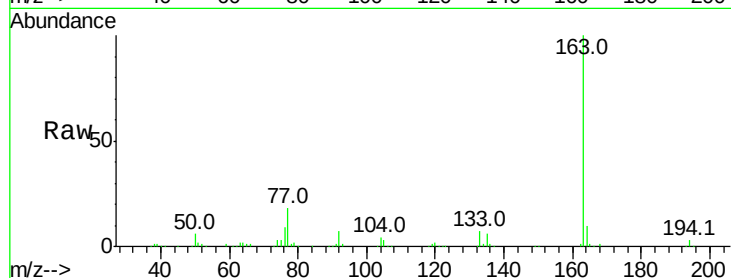
Tot Ion:163 Resp: 497645

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

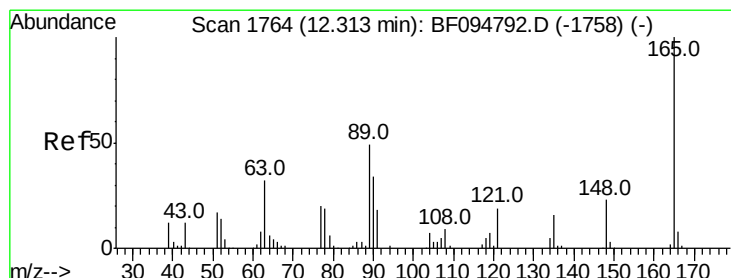
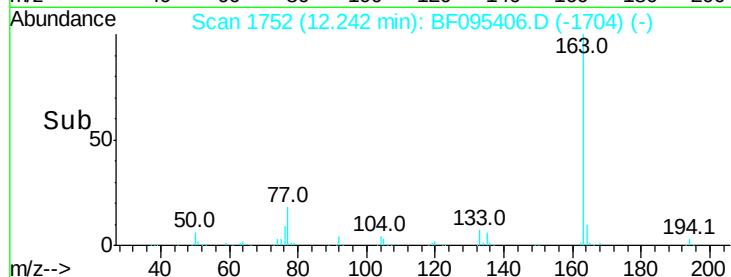
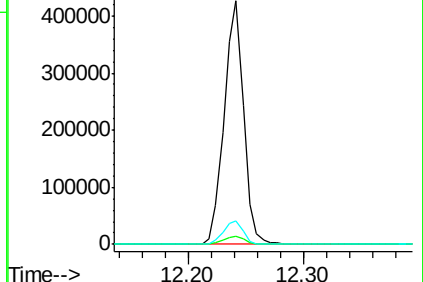
164 9.7 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 36.08 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

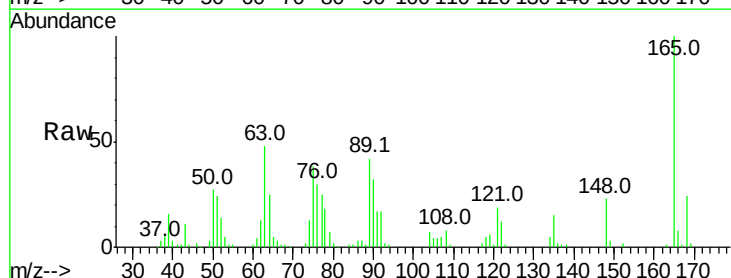
Tgt Ion:165 Resp: 85707

Ion Ratio Lower Upper

165 100

63 47.6 34.3 51.5

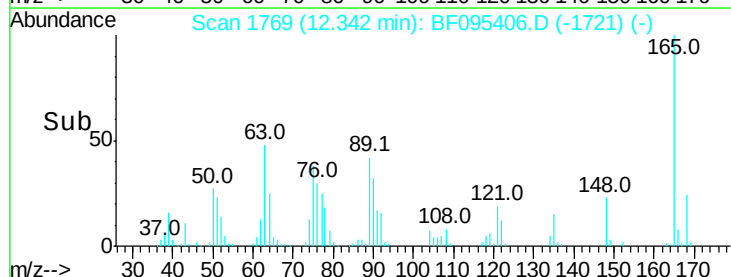
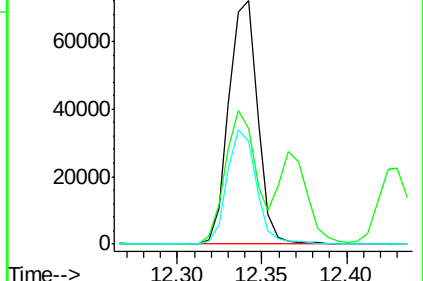
89 42.0 37.1 55.7

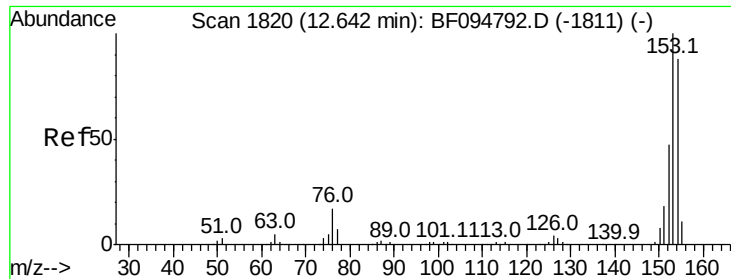


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.15 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

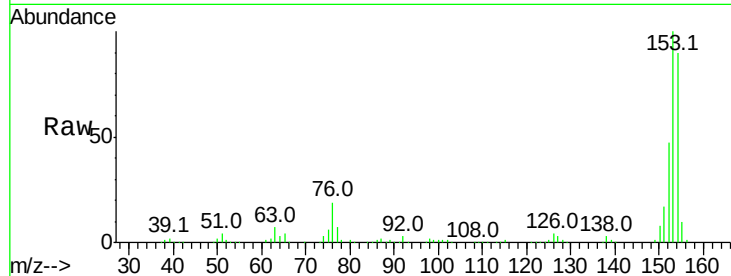
Tot Ion:154 Resp: 362178

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

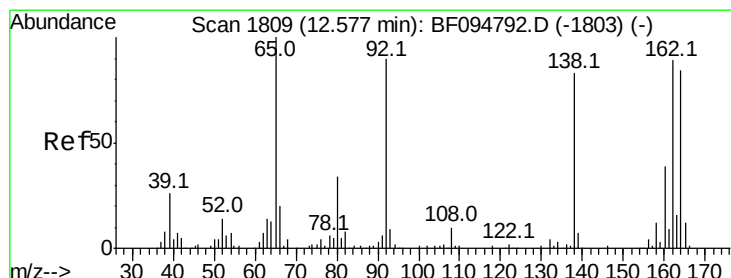
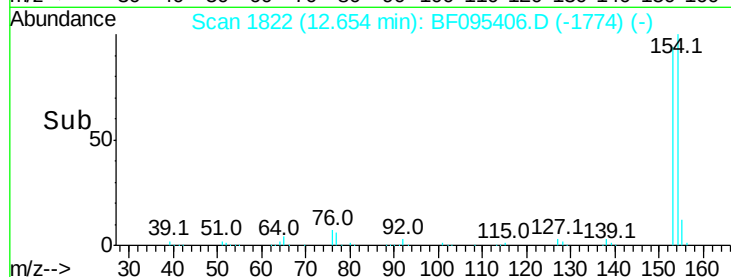
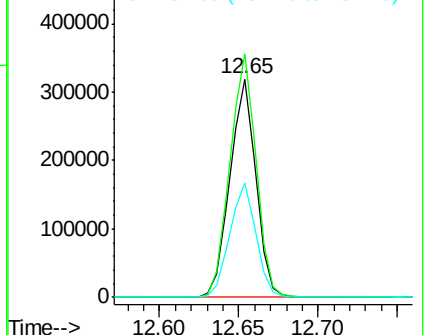
152 52.3 43.6 65.4



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



#52

3-Nitroaniline

Concen: 43.74 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

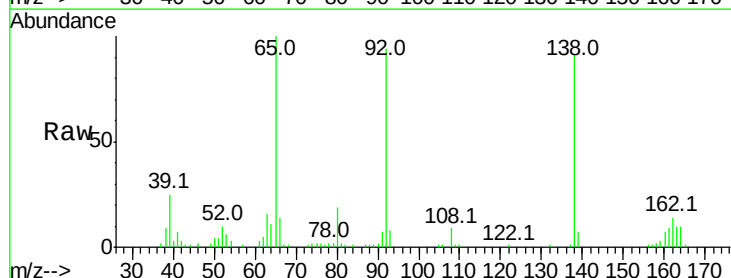
Tgt Ion:138 Resp: 111528

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

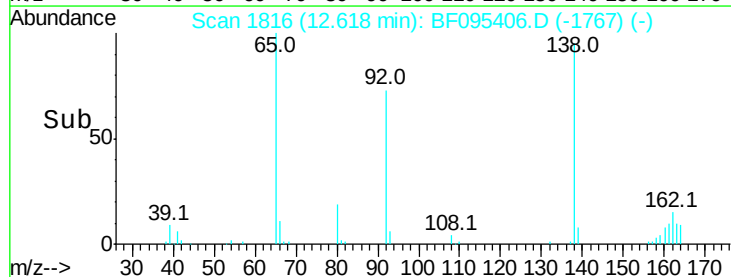
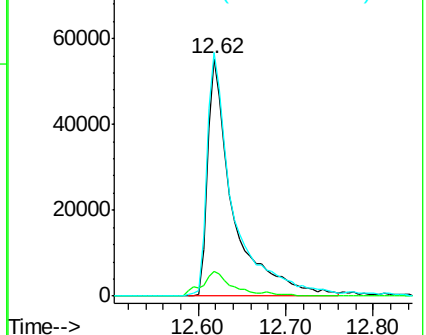
92 102.4 93.8 140.6

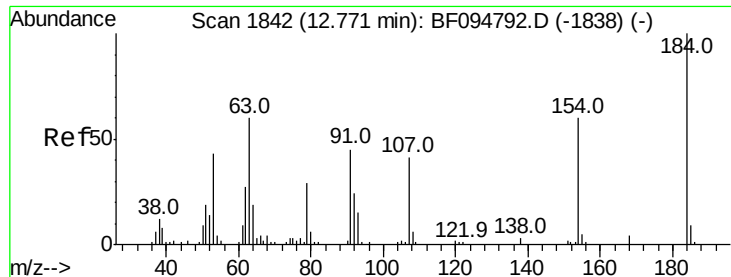


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

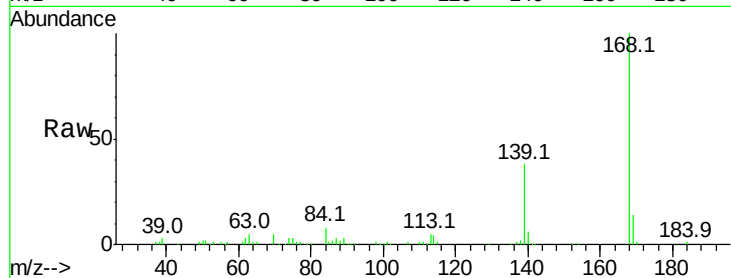




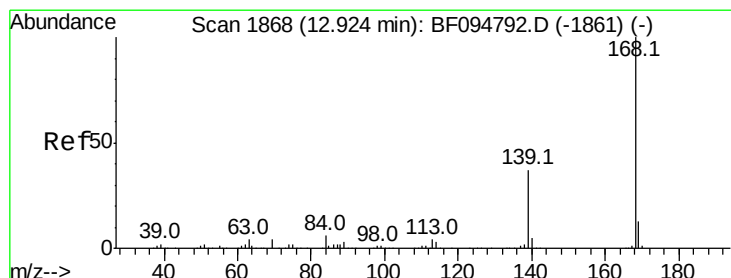
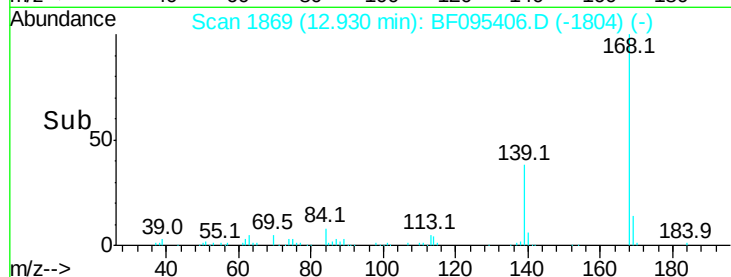
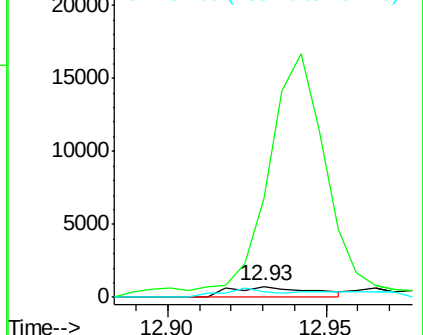
#53
 2,4-Dinitrophenol
 Concen: 7.14 ng
 RT: 12.93 min Scan# 1869
 Delta R.T. 0.08 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 1274
 Ion Ratio Lower Upper
 184 100
 63 890.9 62.7 94.1#
 154 47.3 81.1 121.7#

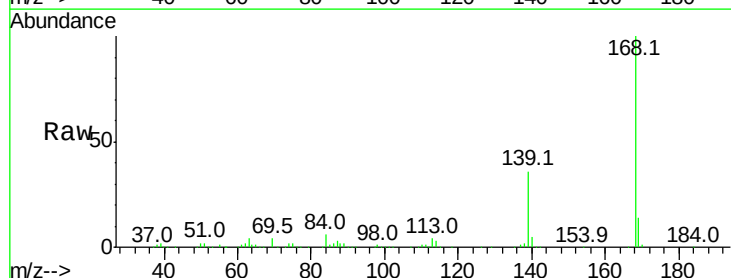


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

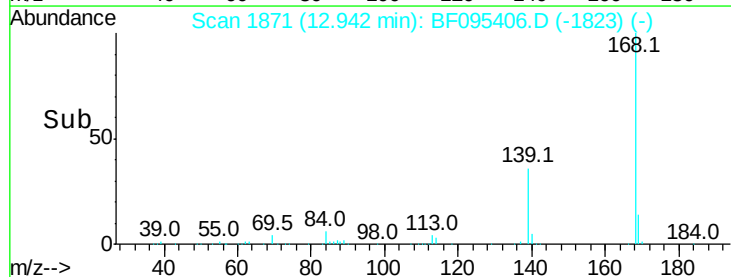
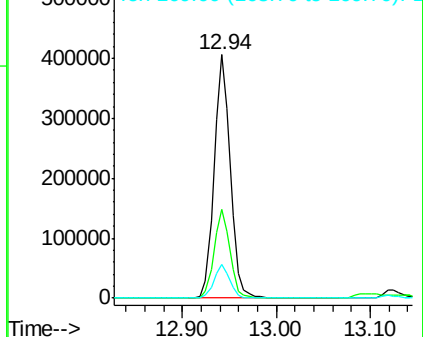


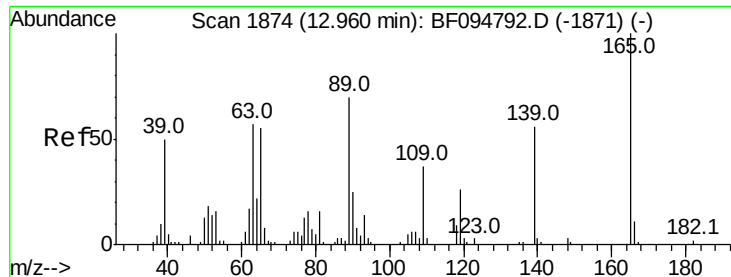
#54
 Dibenzofuran
 Concen: 39.46 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:168 Resp: 492556
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.6 45.8
 169 13.6 10.8 16.2



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

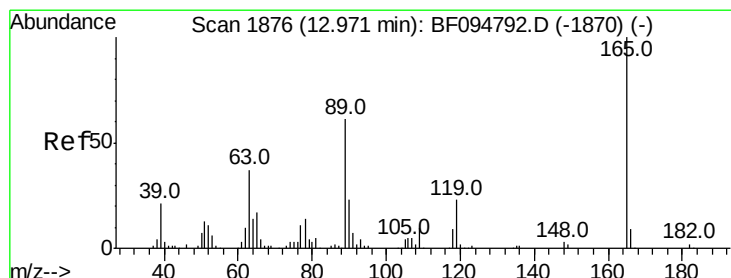
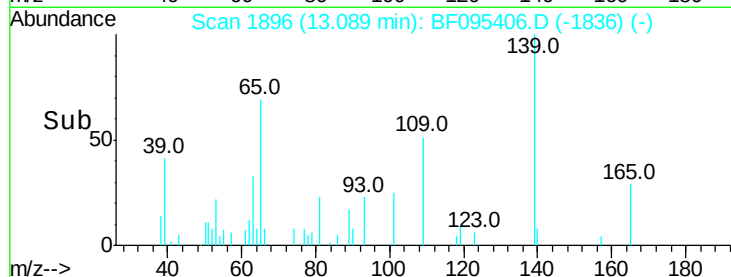
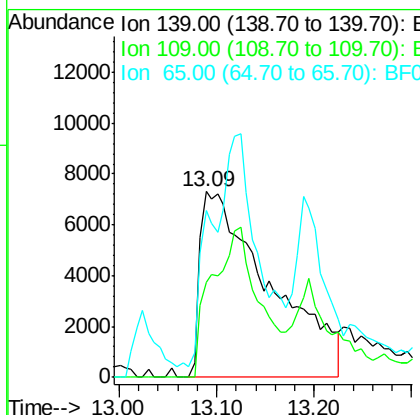
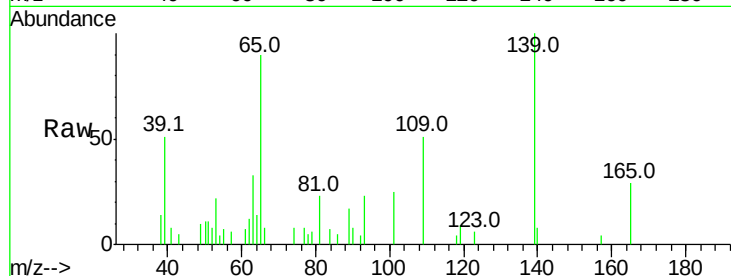




#55
4-Nitrophenol
Concen: 23.74 ng
RT: 13.09 min Scan# 1896
Delta R.T. 0.05 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

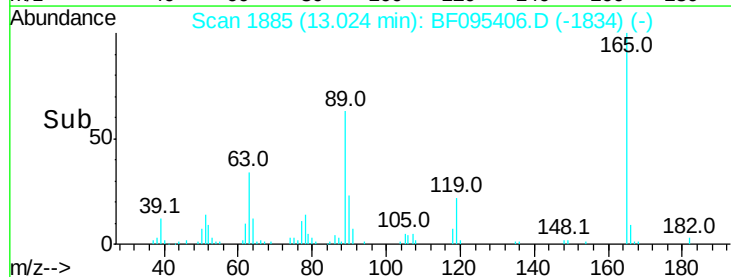
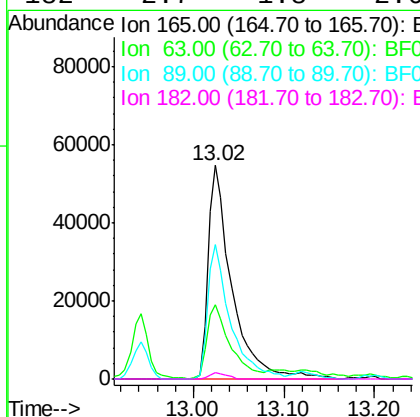
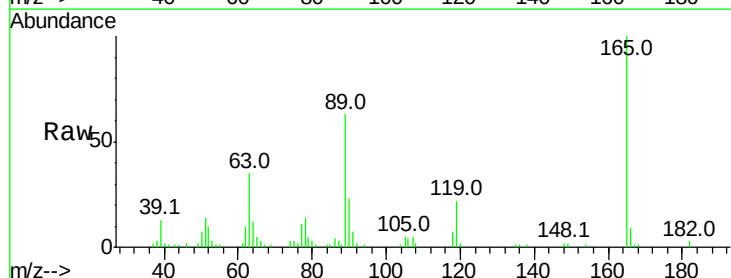
Instrument :
BNA_F
ClientSampleId :

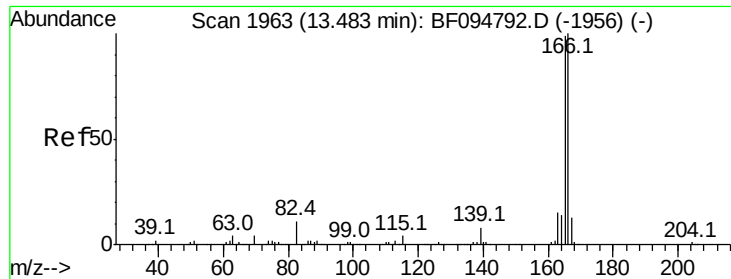
Tot Ion:139 Resp: 36356
Ion Ratio Lower Upper
139 100
109 51.4 34.1 74.1
65 89.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 32.60 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion:165 Resp: 99512
Ion Ratio Lower Upper
165 100
63 34.8 25.4 38.0
89 62.9 46.4 69.6
182 2.7 1.8 2.6#

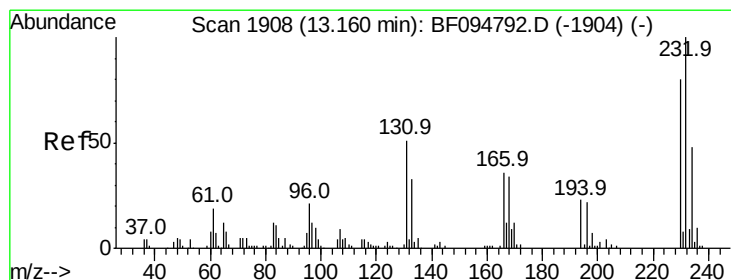
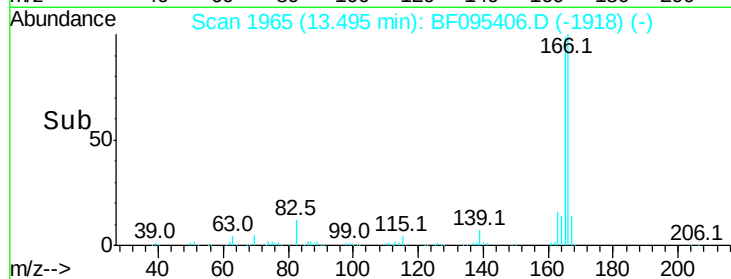
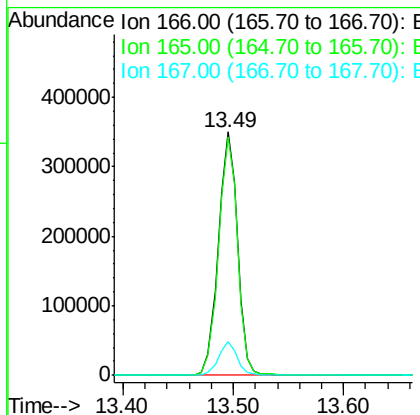
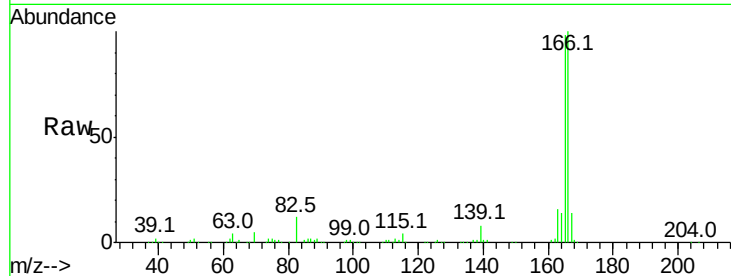




#57
 Fluorene
 Concen: 38.80 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

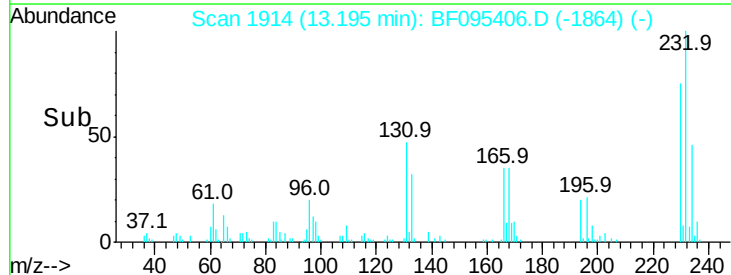
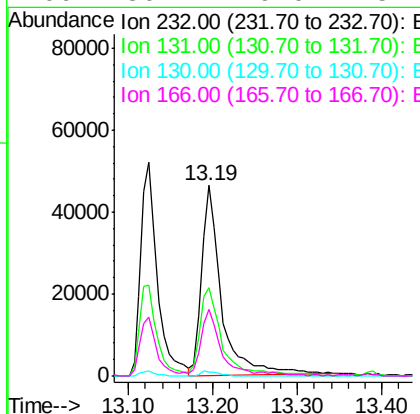
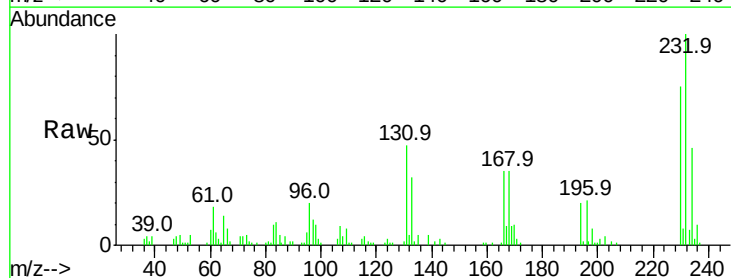
Instrument :
 BNA_F
 ClientSampleId :

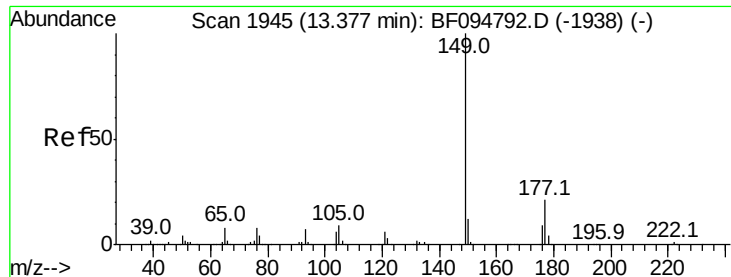
Tot Ion:166 Resp: 421170
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.8 118.2
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.30 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:232 Resp: 75446
 Ion Ratio Lower Upper
 232 100
 131 47.5 44.8 67.2
 130 2.2 2.3 3.5#
 166 36.4 29.0 43.4

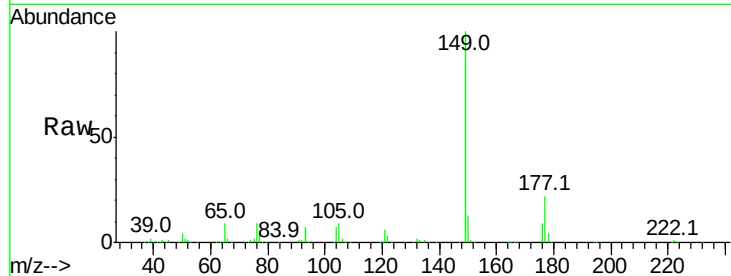




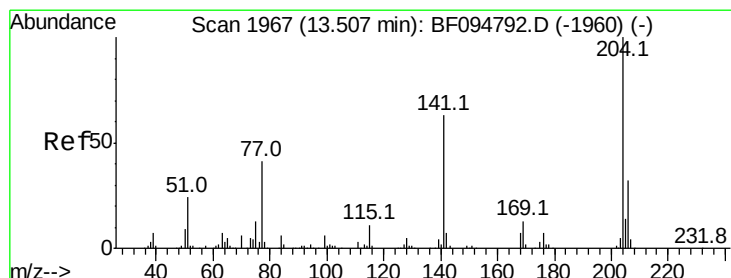
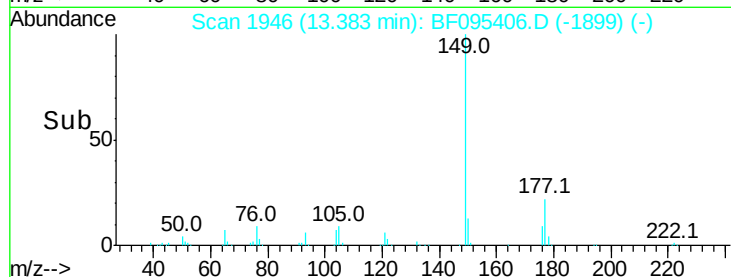
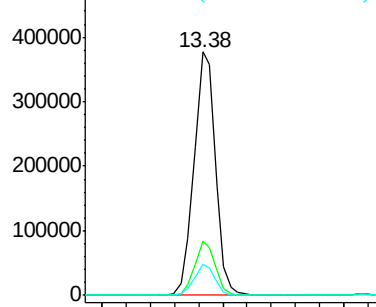
#59
Diethylphthalate
Concen: 41.46 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.6	10.2	15.2

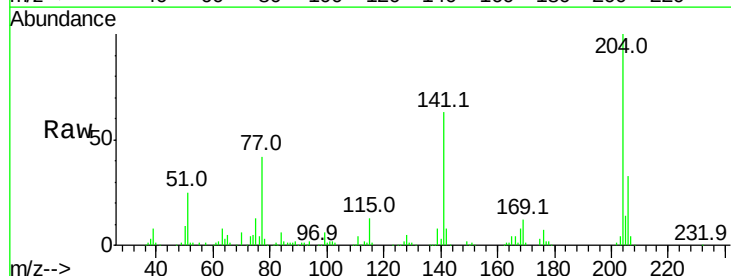


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

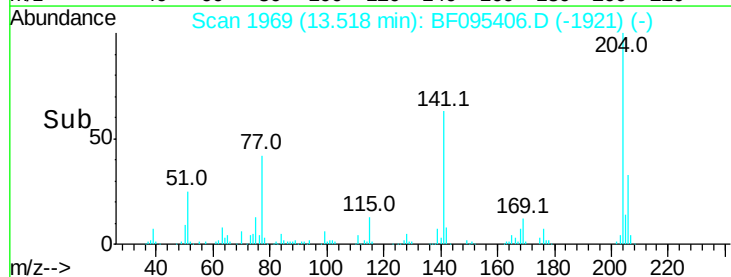
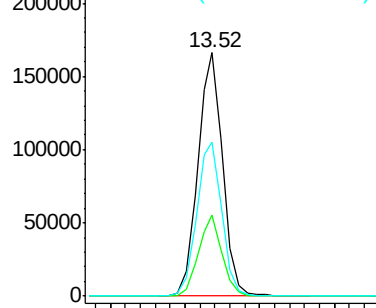


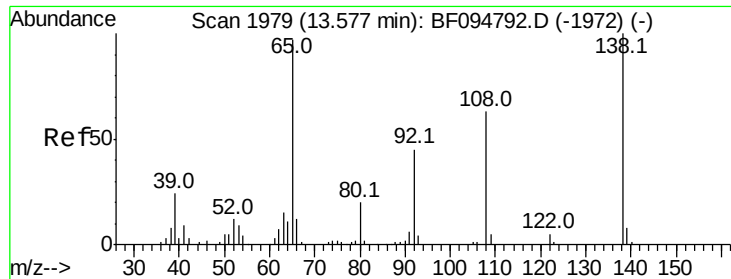
#60
4-Chlorophenyl-phenylether
Concen: 40.50 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	63.5	60.8	91.2



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

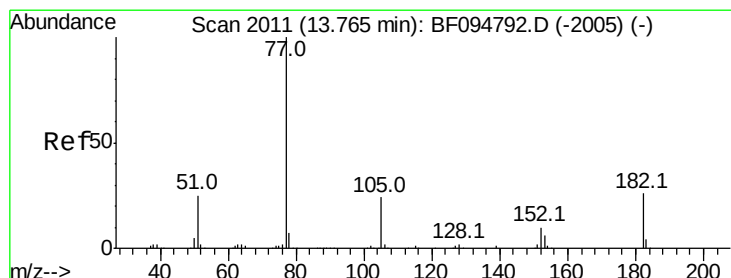
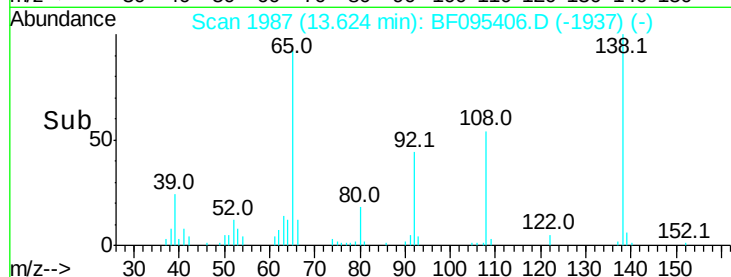
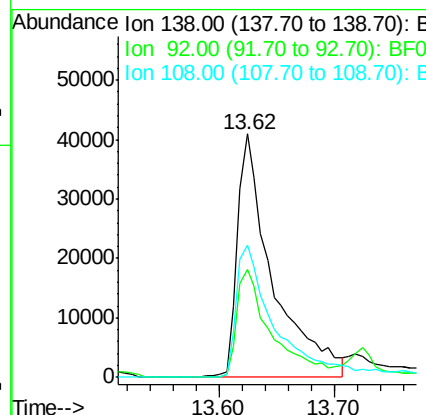
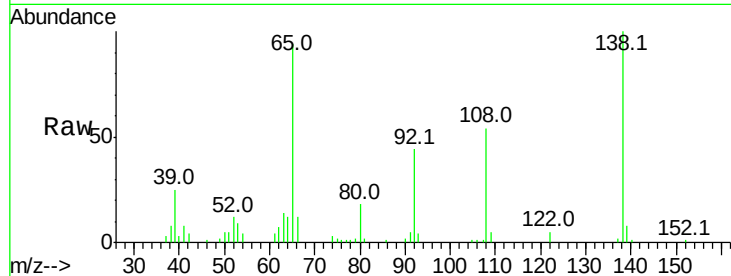




#61
4-Nitroaniline
Concen: 37.01 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

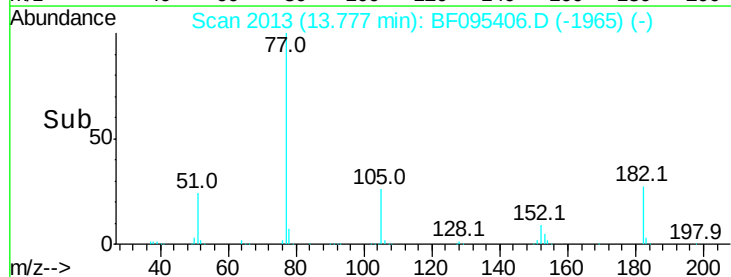
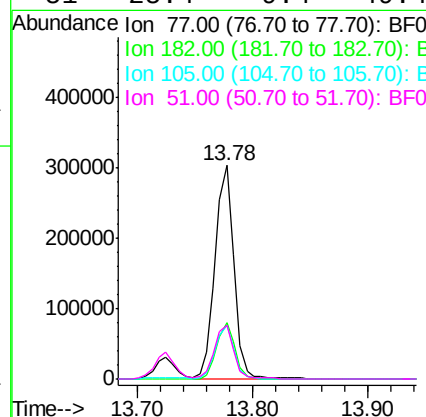
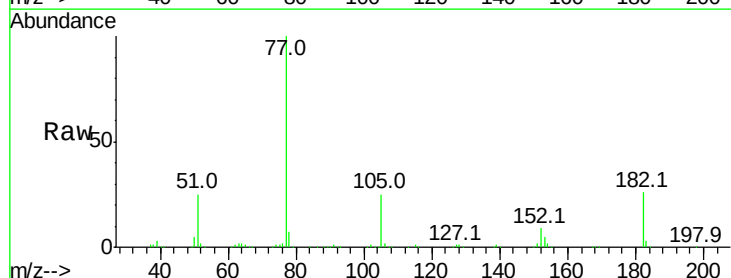
Instrument :
BNA_F
ClientSampled :

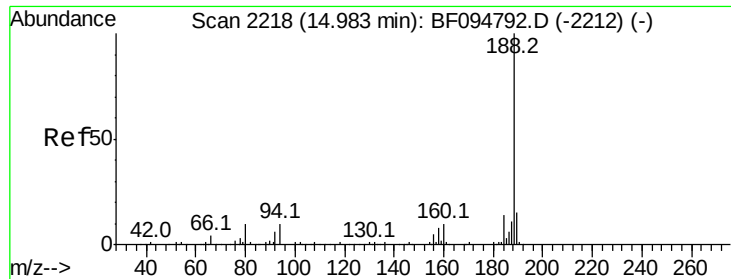
Tot Ion:138 Resp: 86628
Ion Ratio Lower Upper
138 100
92 44.4 21.8 61.8
108 54.4 42.3 82.3



#62
Azobenzene
Concen: 38.65 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion: 77 Resp: 346604
Ion Ratio Lower Upper
77 100
182 26.3 0.1 40.1
105 25.3 3.6 43.6
51 25.4 9.4 49.4

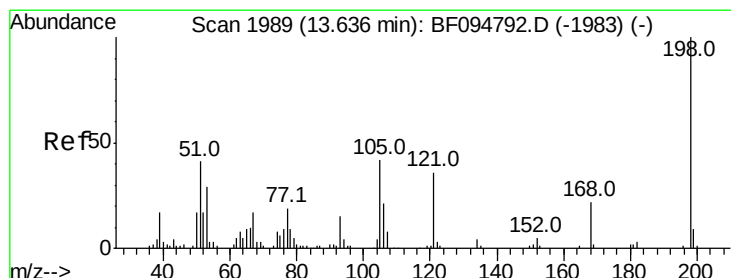
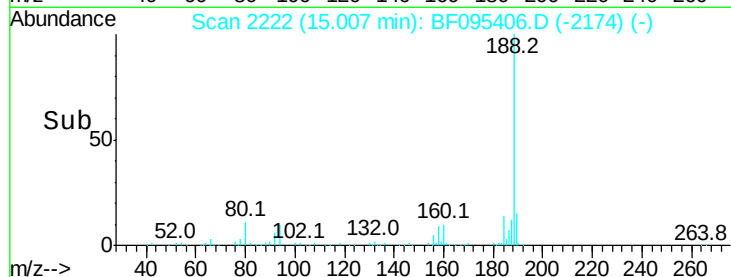
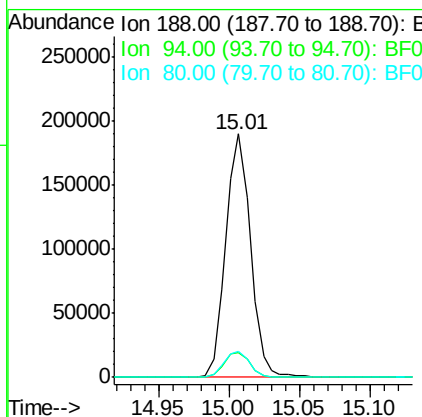
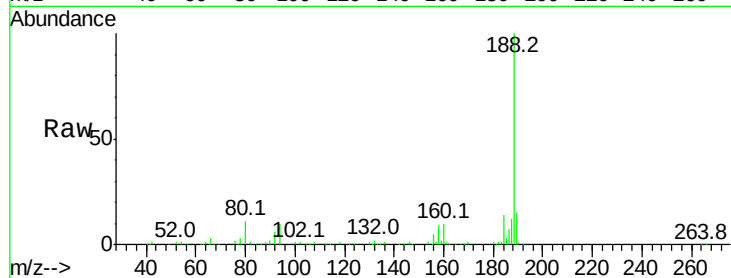




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

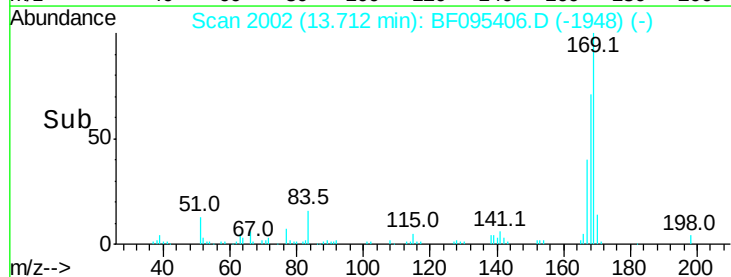
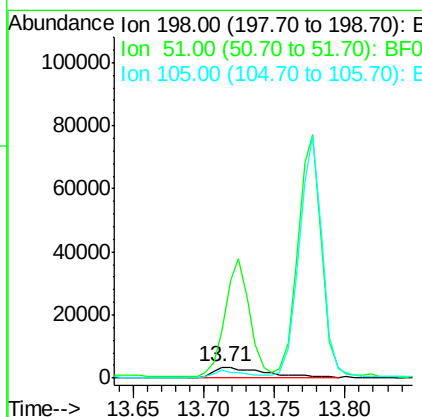
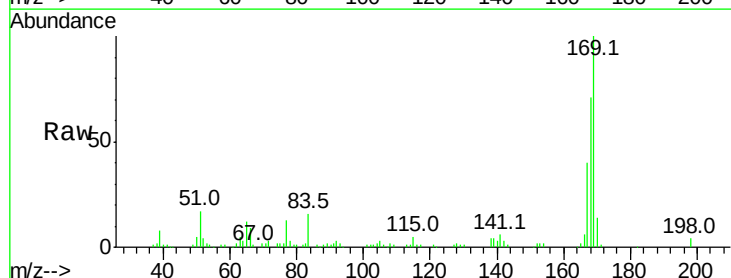
Instrument :
 BNA_F
 ClientSampled :

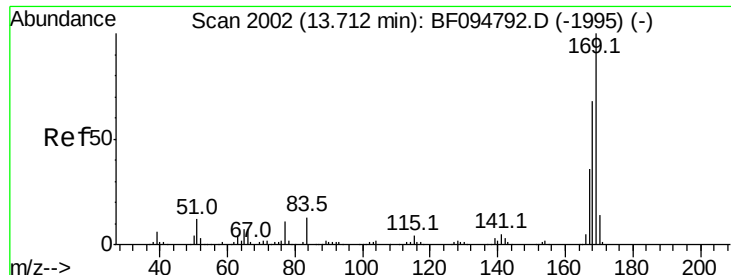
Tot Ion:188 Resp: 232050
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.98 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. 0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:198 Resp: 9310
 Ion Ratio Lower Upper
 198 100
 51 420.6 53.2 93.2#
 105 67.0 45.8 85.8

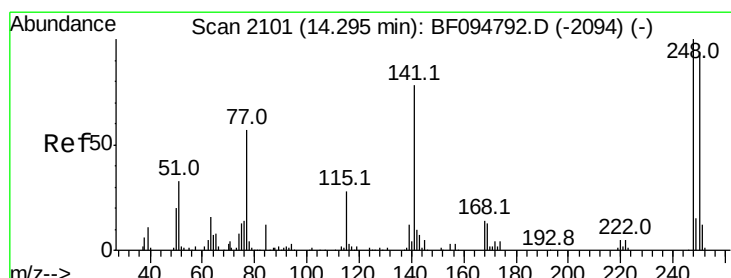
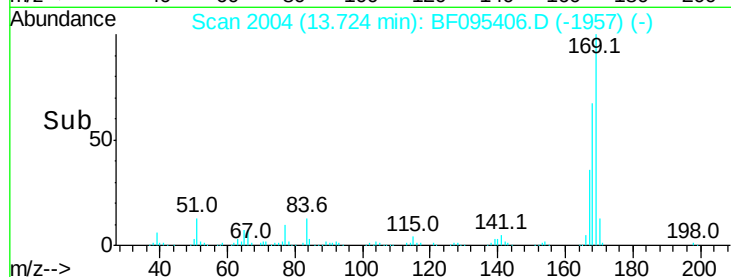
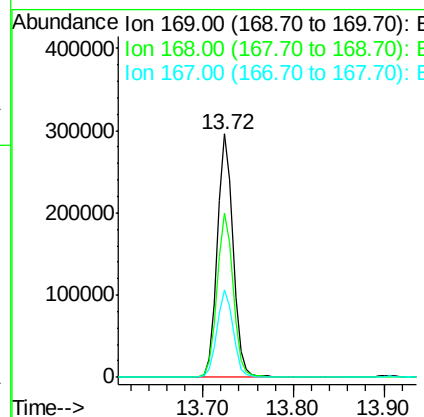
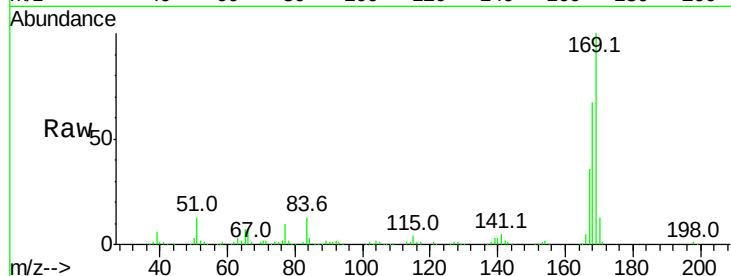




#65
 n-Nitrosodiphenylamine
 Concen: 42.84 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

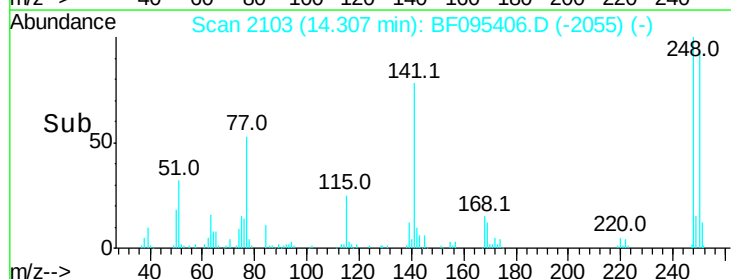
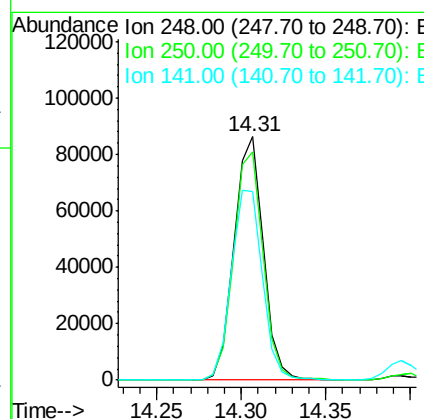
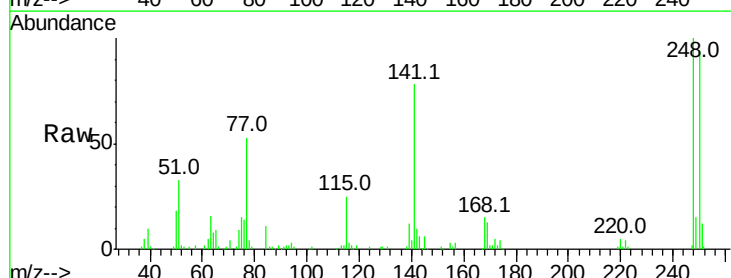
Instrument :
 BNA_F
 ClientSampleId :

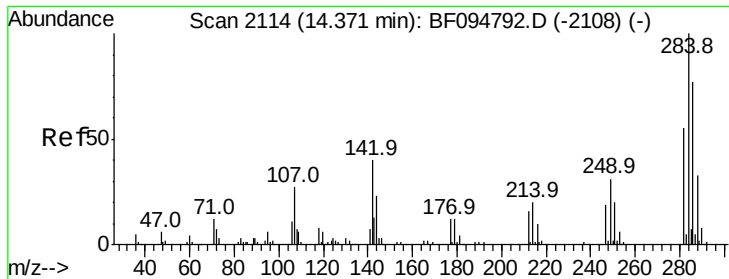
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	35.8	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.19 ng
 RT: 14.31 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.7	76.8	115.2
141	77.7	68.6	103.0





#67

Hexachlorobenzene

Concen: 40.35 ng

RT: 14.39 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

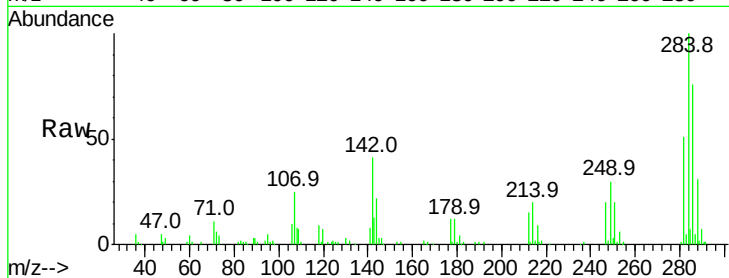
Tot Ion:284 Resp: 101366

Ion Ratio Lower Upper

284 100

142 41.1 22.8 34.2#

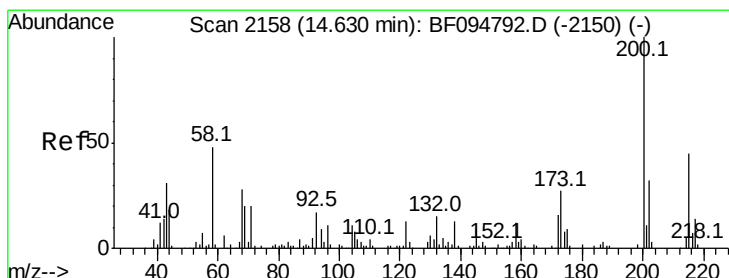
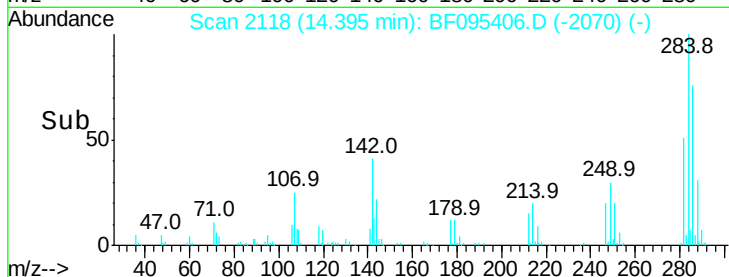
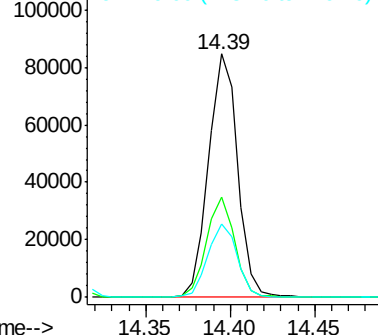
249 30.2 24.0 36.0



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



#68

Atrazine

Concen: 33.09 ng

RT: 14.64 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

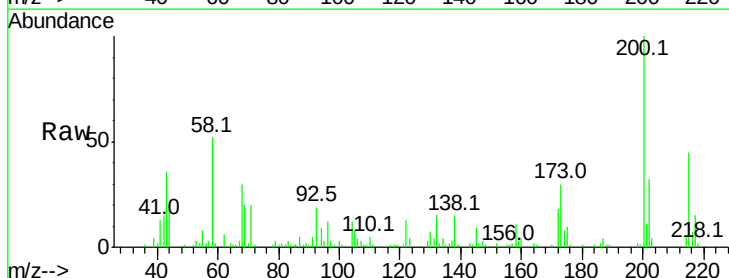
Tgt Ion:200 Resp: 78679

Ion Ratio Lower Upper

200 100

173 30.2 6.3 46.3

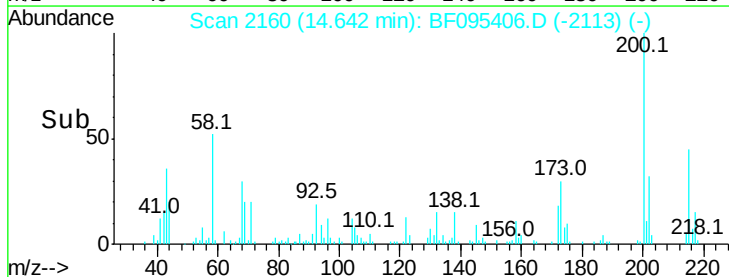
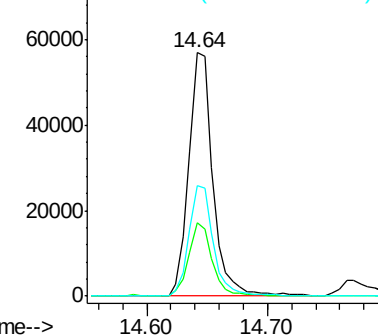
215 45.3 27.2 67.2

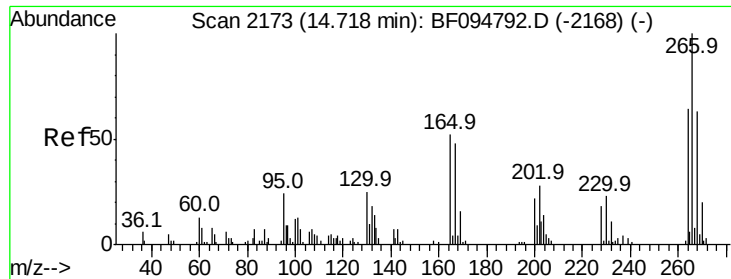


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

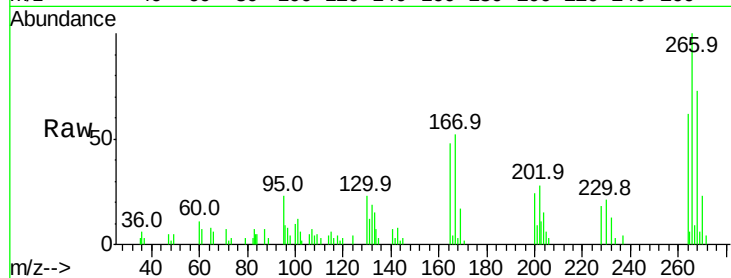




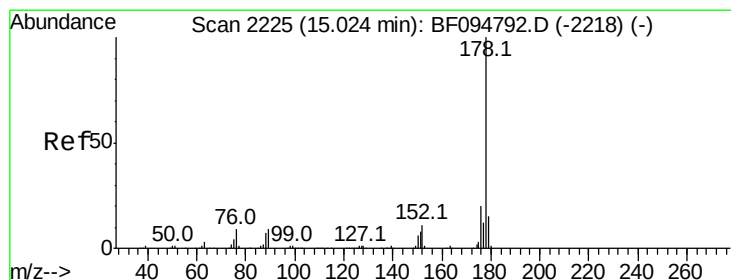
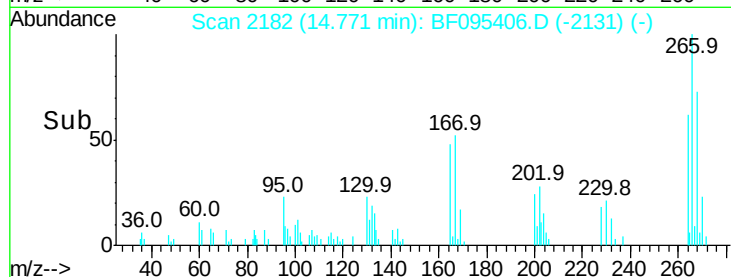
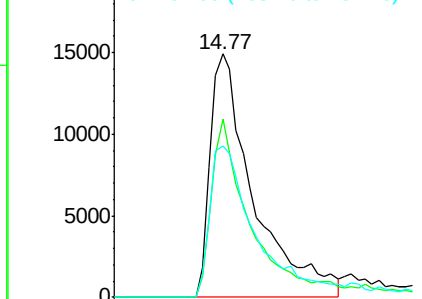
#69
 Pentachlorophenol
 Concen: 37.70 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 39024
 Ion Ratio Lower Upper
 266 100
 268 73.2 51.1 76.7
 264 62.5 51.7 77.5

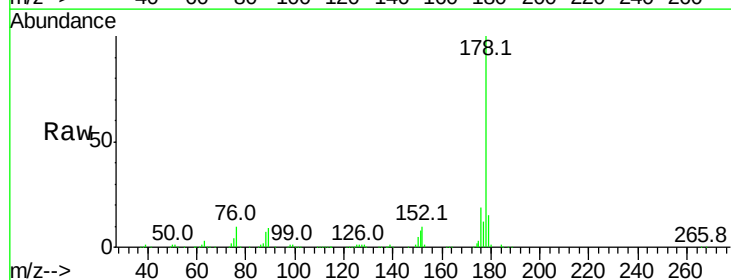


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

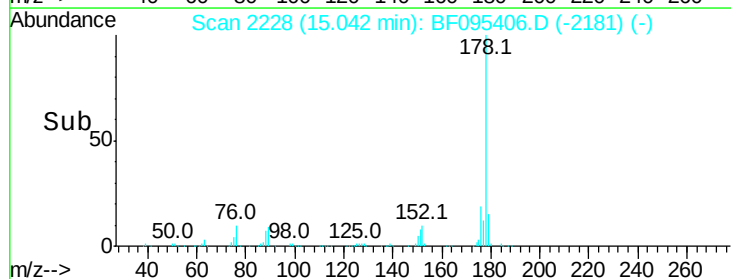
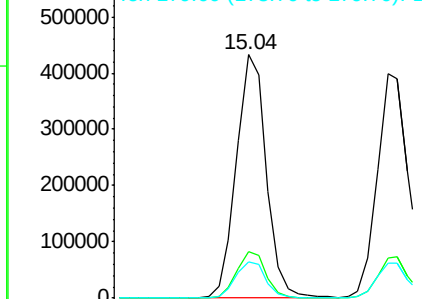


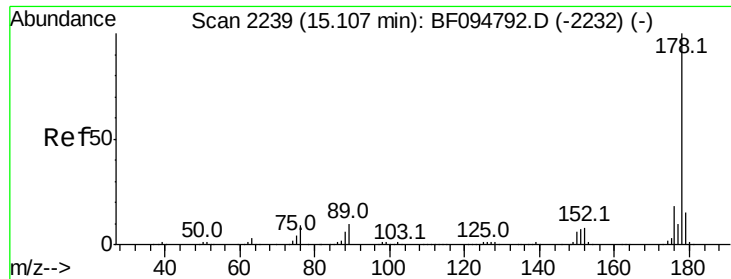
#70
 Phenanthrene
 Concen: 40.26 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:178 Resp: 536771
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.1 12.6 19.0



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

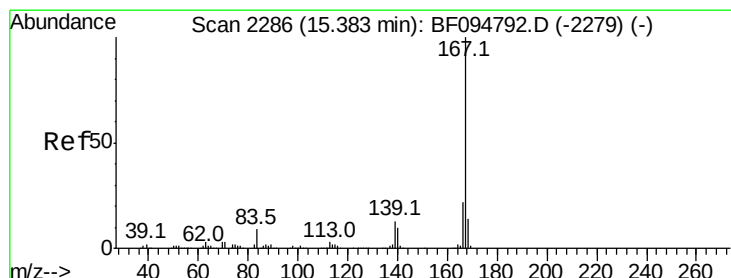
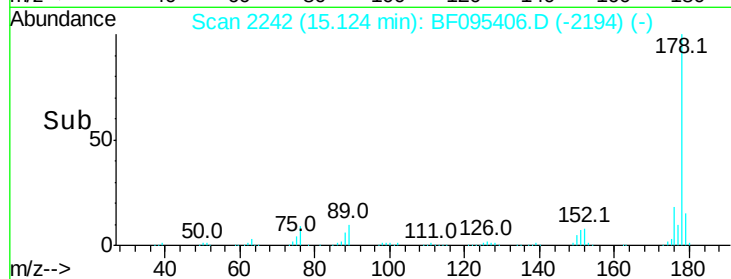
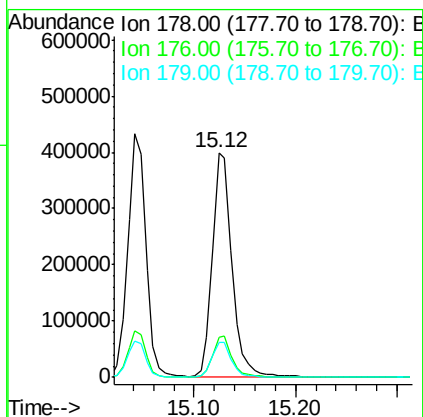
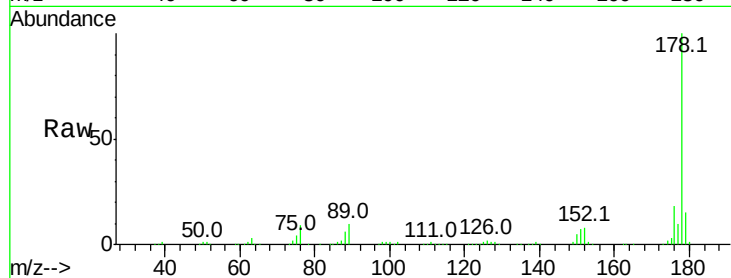




#71
 Anthracene
 Concen: 39.56 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

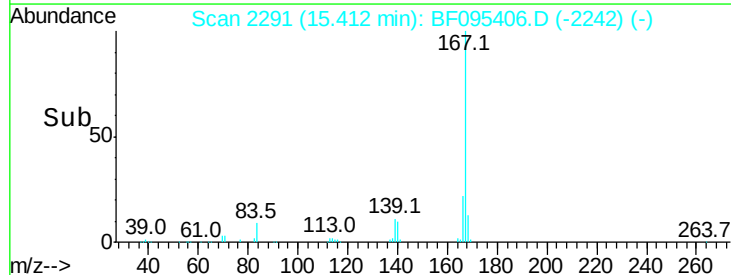
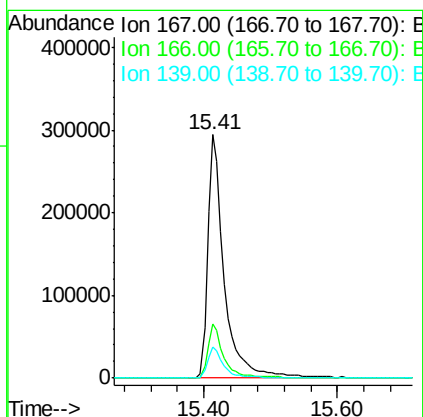
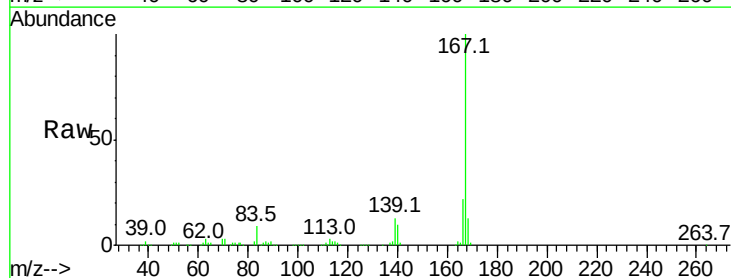
Instrument :
 BNA_F
 ClientSampled :

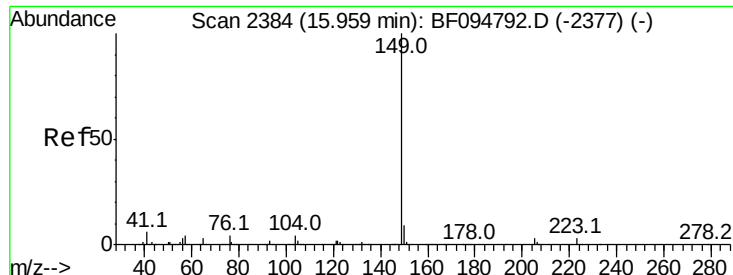
Tot Ion:178 Resp: 538786
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 40.99 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:167 Resp: 507886
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.54 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

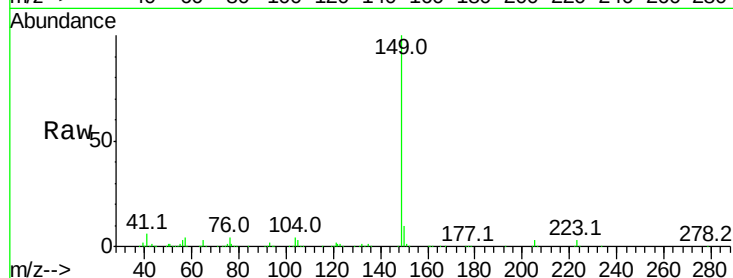
Tot Ion:149 Resp: 688216

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

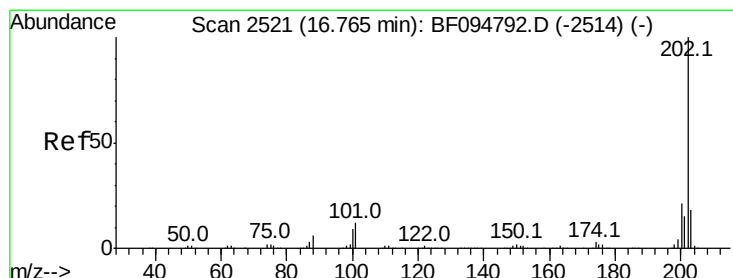
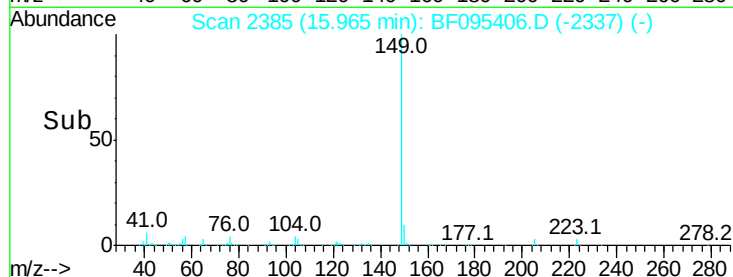
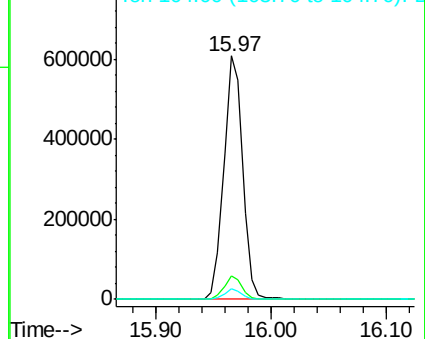
104 4.4 4.0 6.0



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



#74

Fluoranthene

Concen: 42.83 ng

RT: 16.79 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

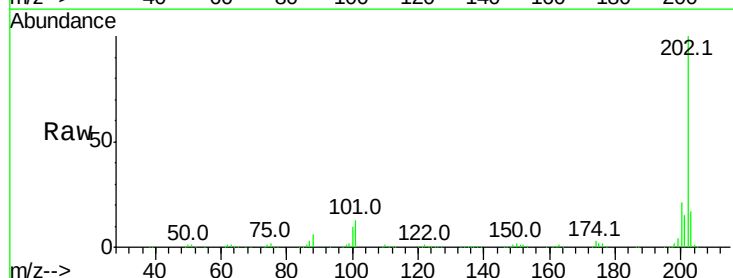
Tgt Ion:202 Resp: 585762

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

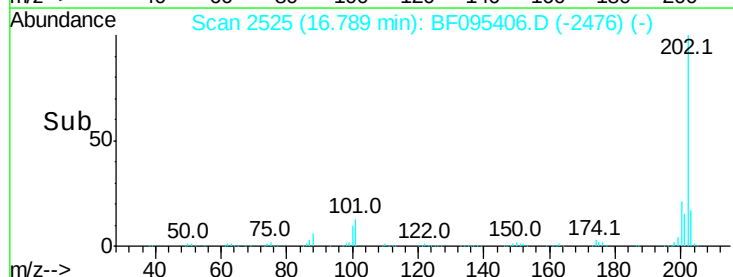
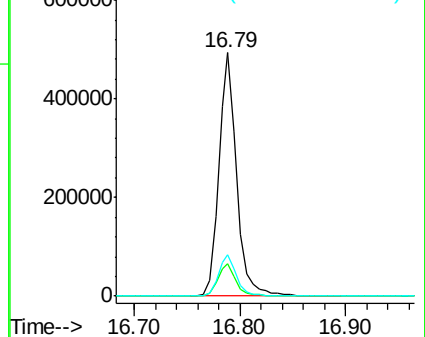
203 17.0 0.0 38.1

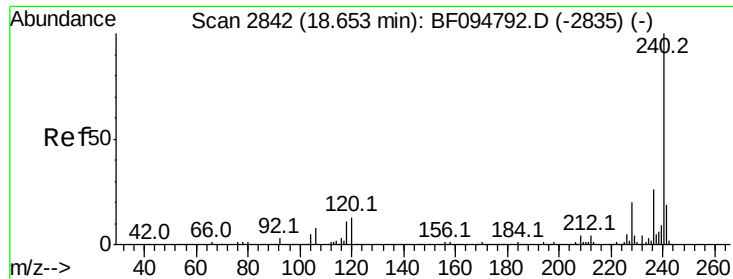


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

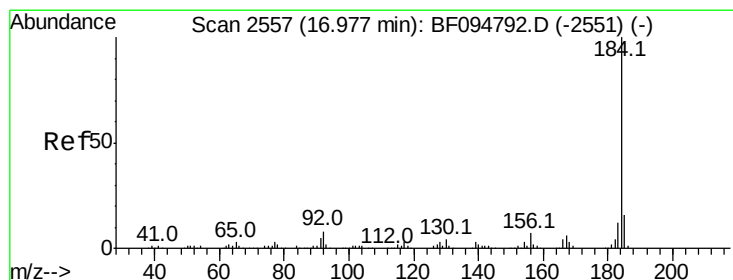
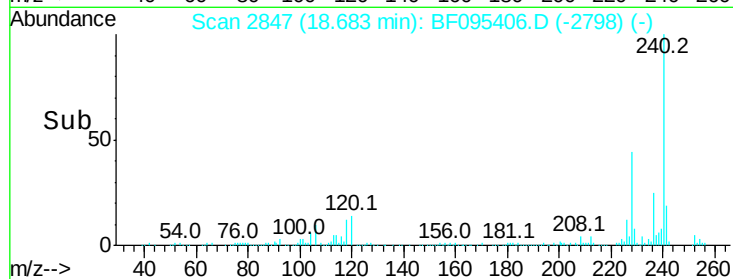
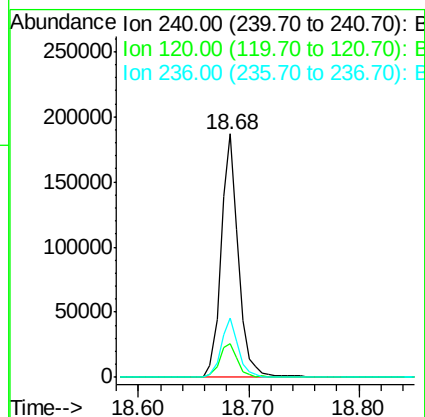
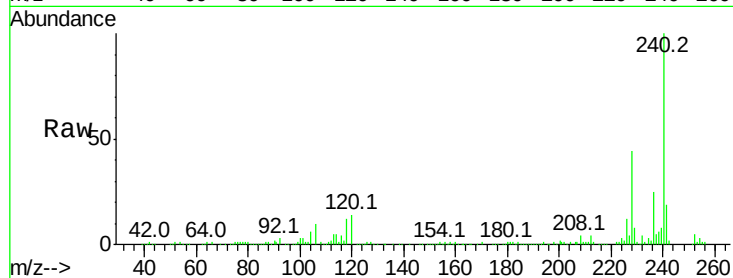




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

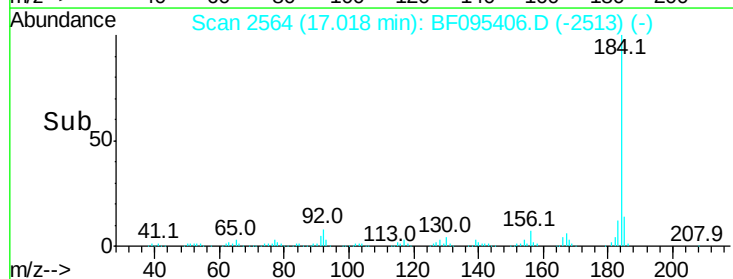
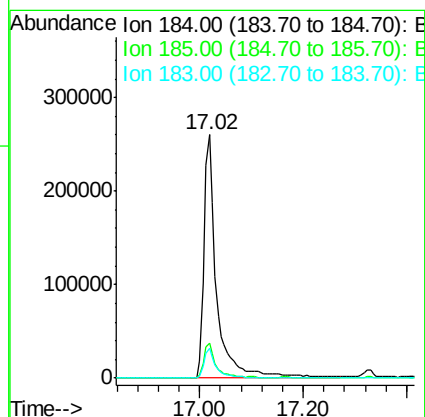
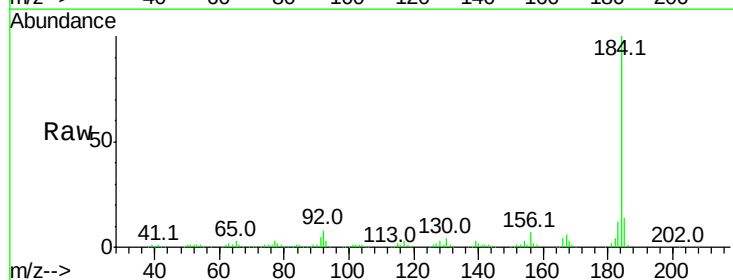
Instrument :
BNA_F
ClientSampled :

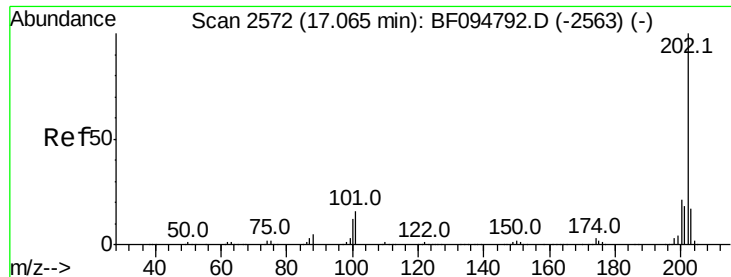
Tot Ion:240 Resp: 202255
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.6 20.5 30.7



#76
Benzidine
Concen: 77.33 ng
RT: 17.02 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion:184 Resp: 448502
Ion Ratio Lower Upper
184 100
185 14.2 15.5 23.3#
183 12.1 9.8 14.6





#77

Pvrene

Concen: 40.13 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

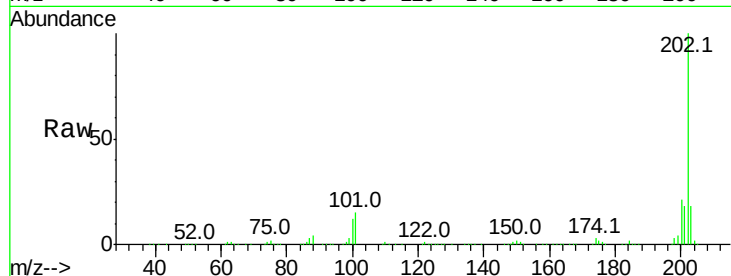
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 607067

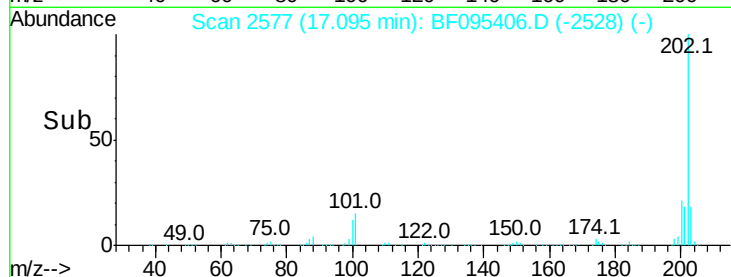
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.7	14.4	21.6



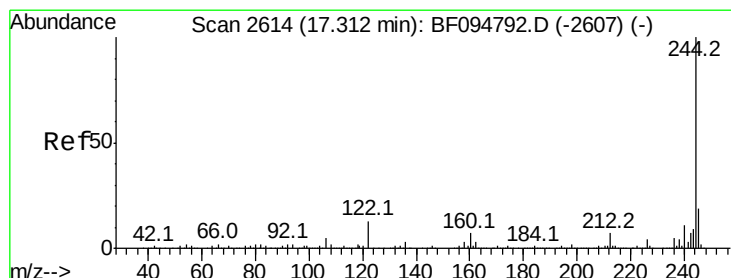
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 17.00 17.10 17.20



#78

Terphenyl-d14

Concen: 81.47 ng

RT: 17.33 min Scan# 2617

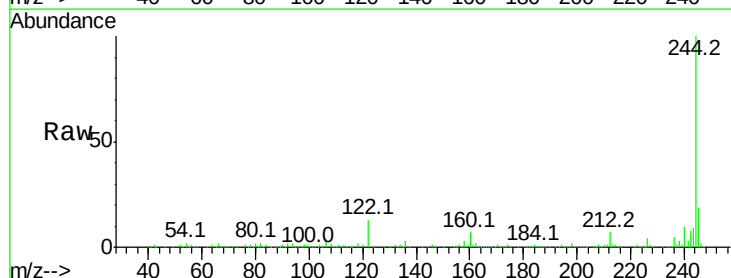
Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:244 Resp: 748104

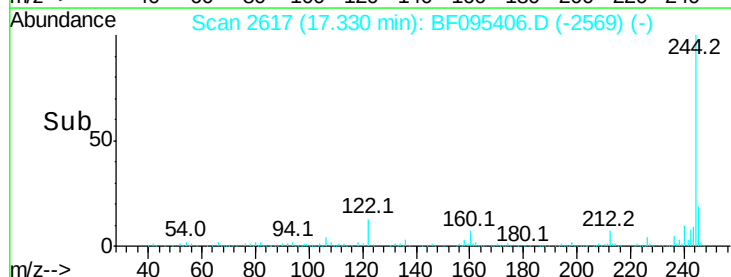
Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.9	10.3	15.5



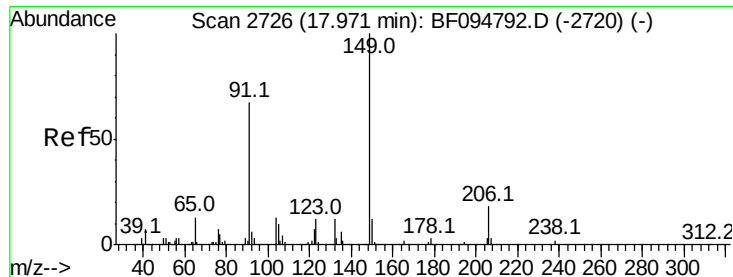
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



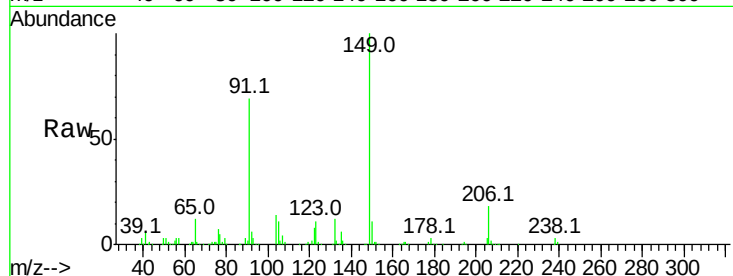
Time--> 17.30 17.40



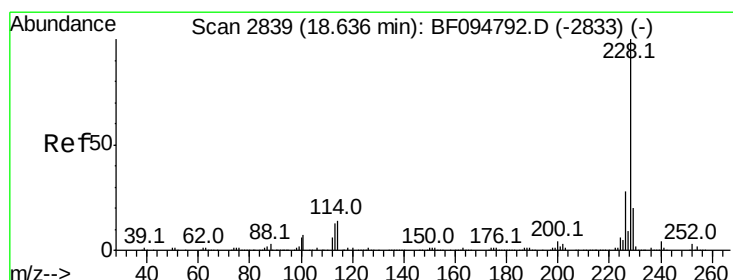
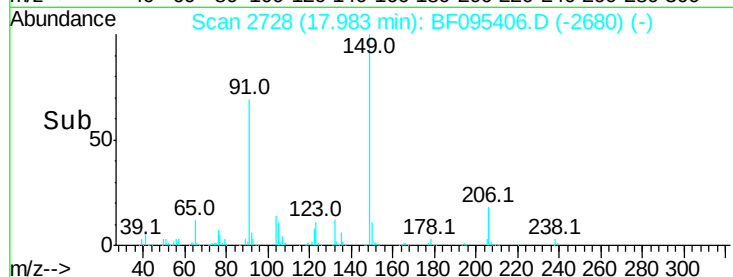
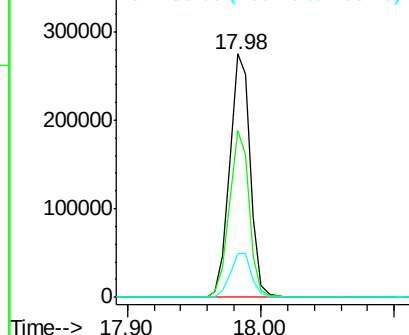
#79
Butylbenzylphthalate
Concen: 42.63 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	45.0	67.4#
206	17.9	17.0	25.6

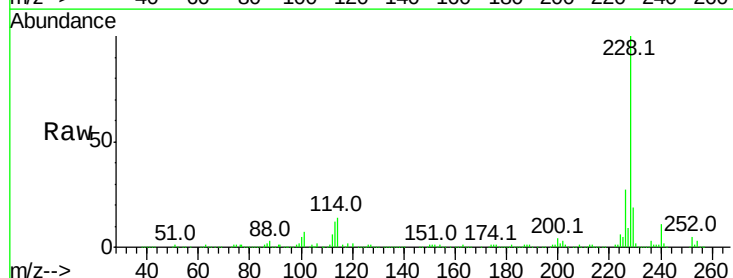


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

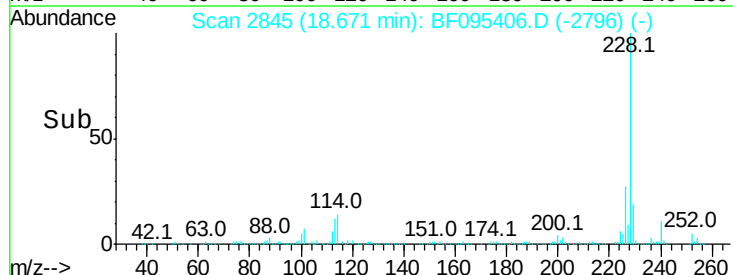
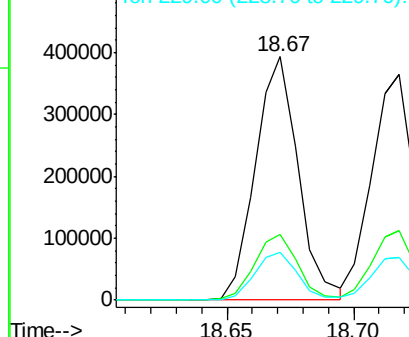


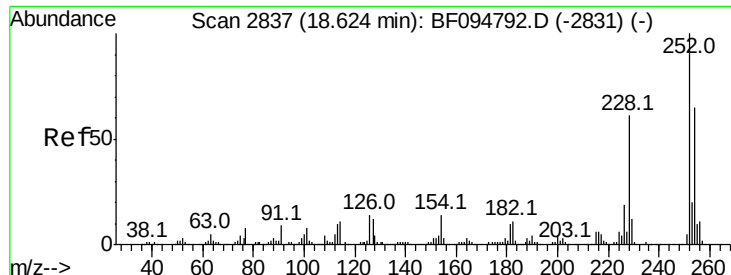
#80
Benzo(a)anthracene
Concen: 39.43 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.4	16.3	24.5



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

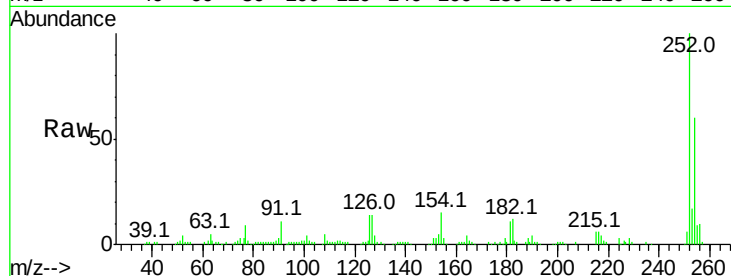




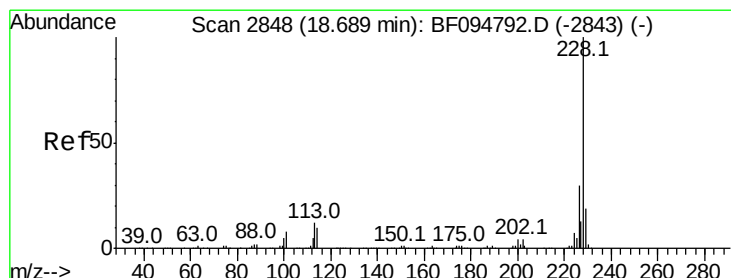
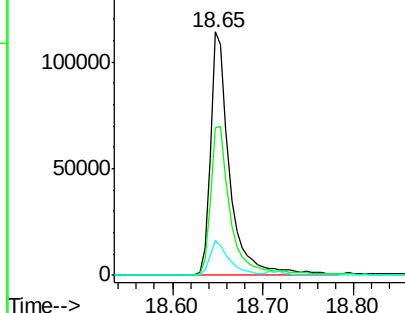
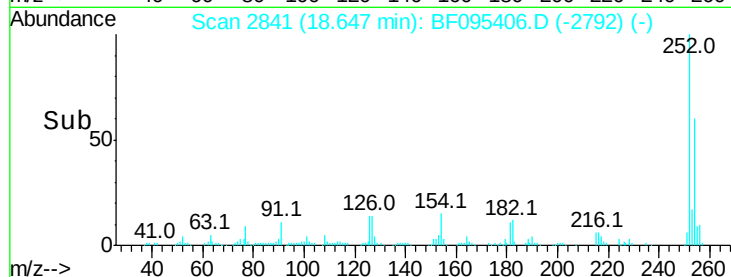
#81
 3,3'-Dichlorobenzidine
 Concen: 41.65 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 169332
 Ion Ratio Lower Upper
 252 100
 254 60.5 51.5 77.3
 126 14.4 15.8 23.8#

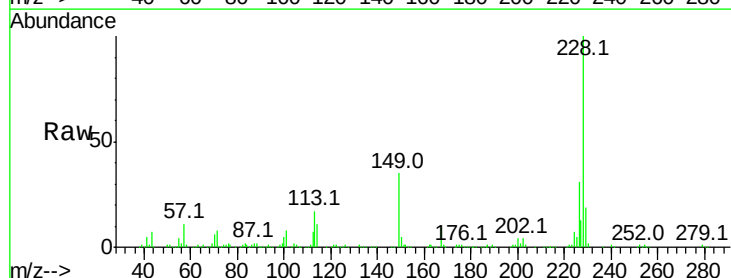


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

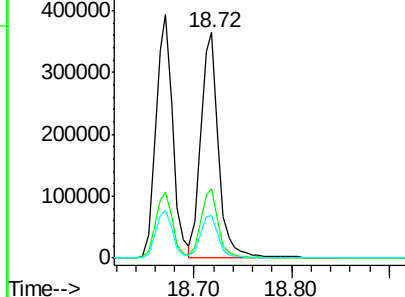
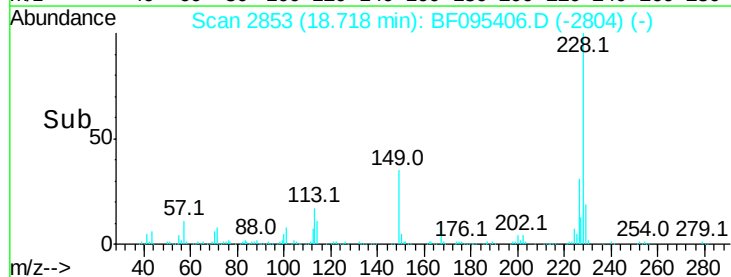


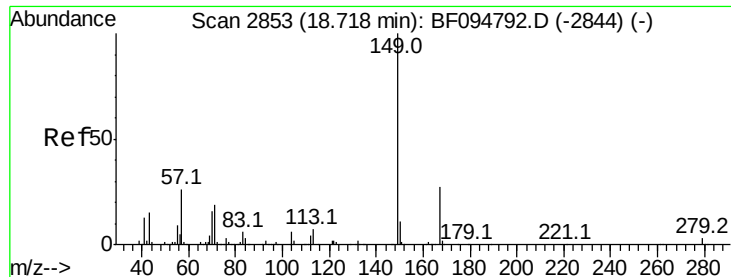
#82
 Chrysene
 Concen: 39.82 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:228 Resp: 453225
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.2 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.50 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampled :

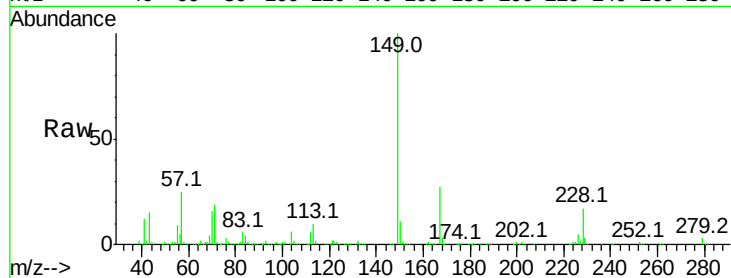
Tot Ion:149 Resp: 415981

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

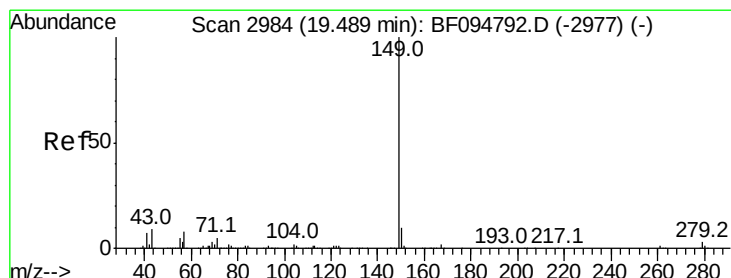
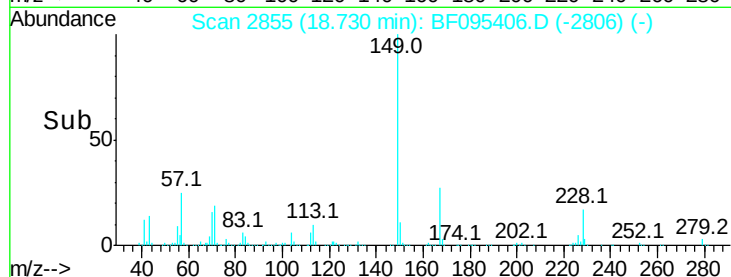
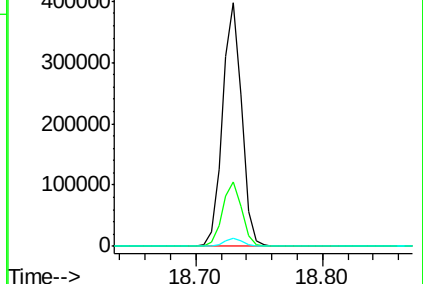
279 3.2 1.9 2.9#



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



#84

Di-n-octyl phthalate

Concen: 43.46 ng

RT: 19.49 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

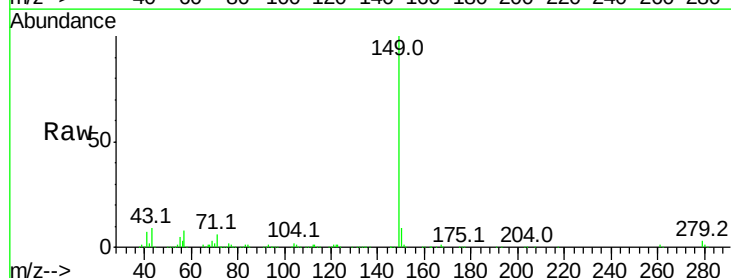
Tgt Ion:149 Resp: 714333

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

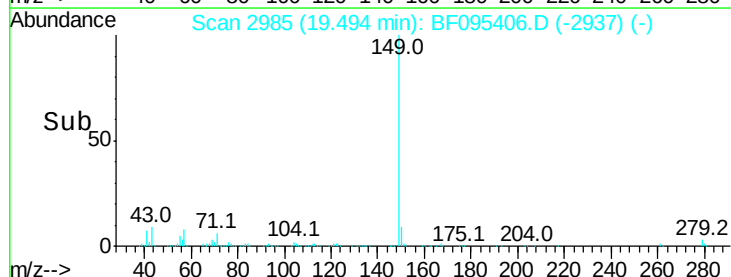
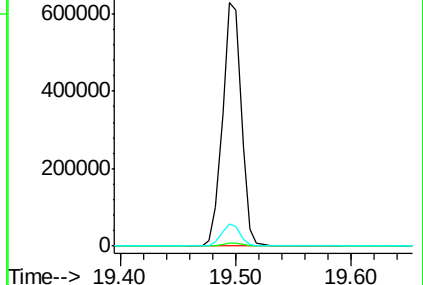
43 8.7 8.5 12.7

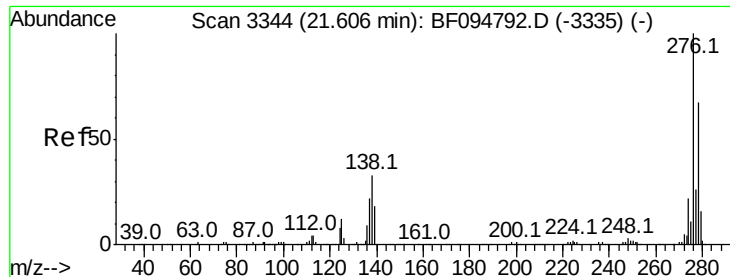


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

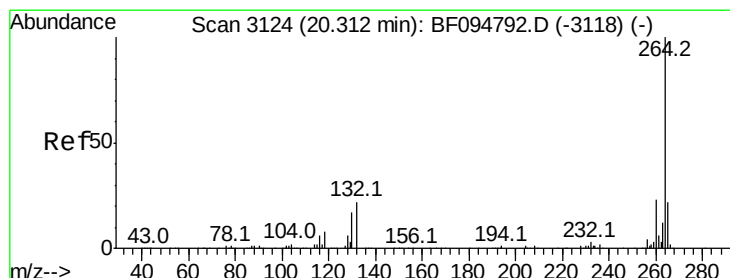
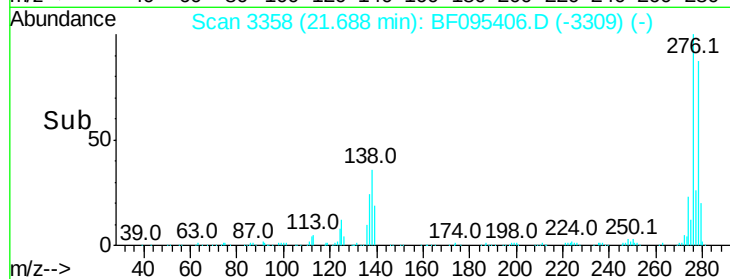
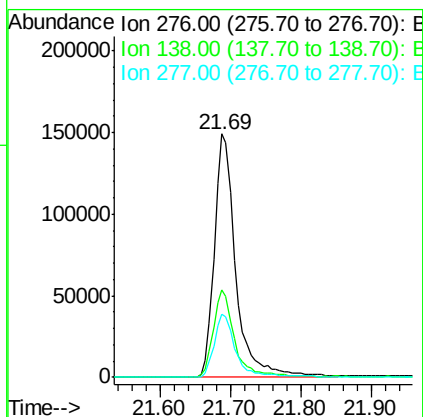
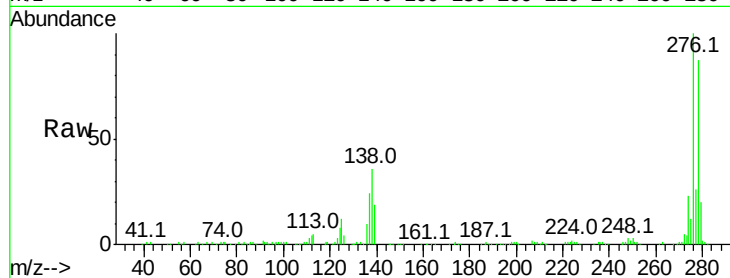




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.30 ng
 RT: 21.69 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

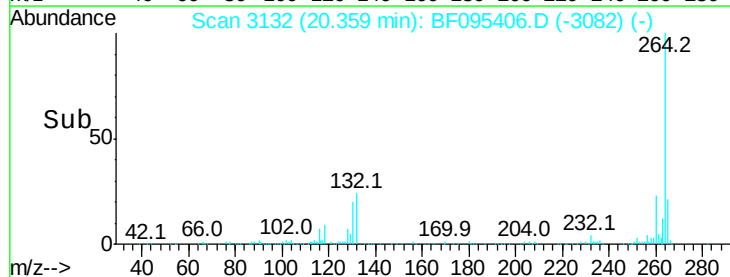
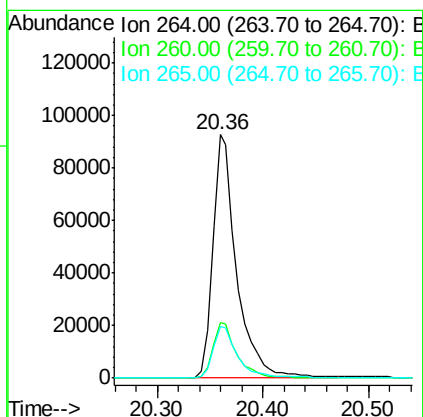
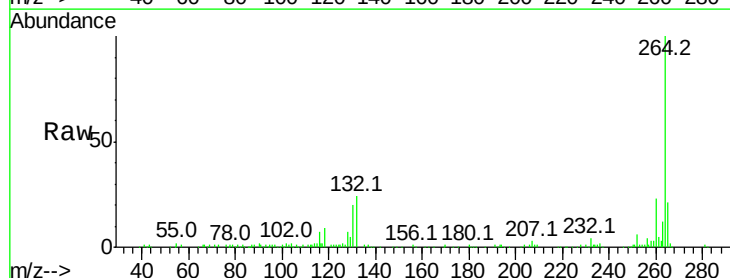
Instrument :
 BNA_F
 ClientSampleId :

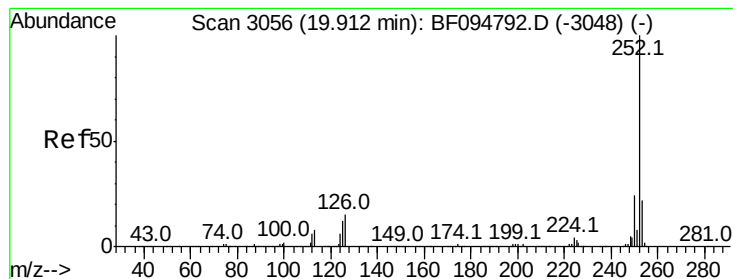
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.67 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

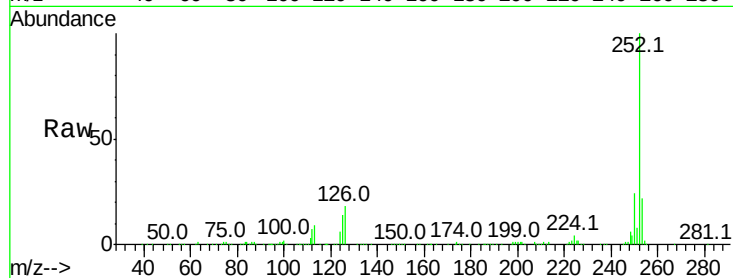
Tot Ion:252 Resp: 377664

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

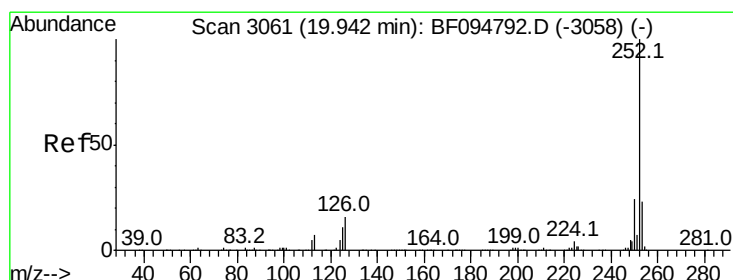
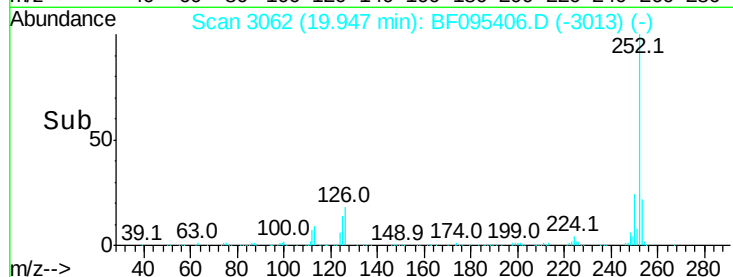
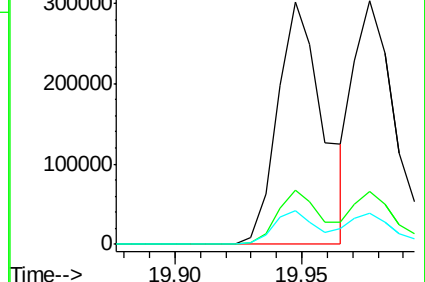
125 14.1 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 43.20 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.04 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

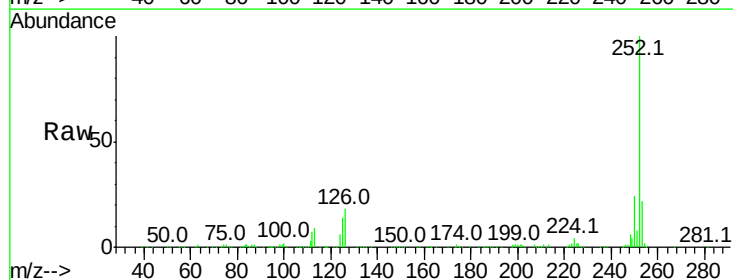
Tgt Ion:252 Resp: 377664

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

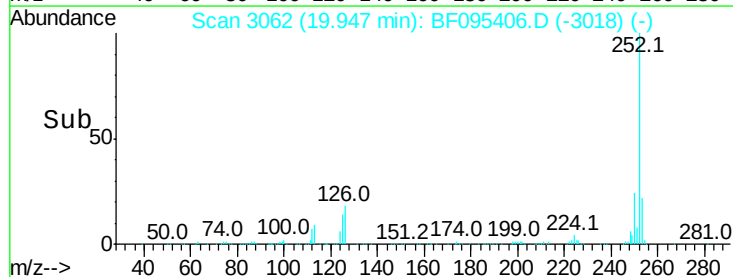
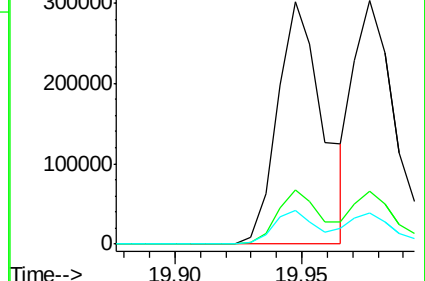
125 14.1 13.1 19.7

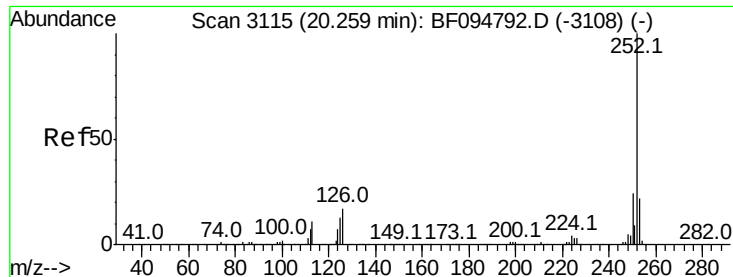


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

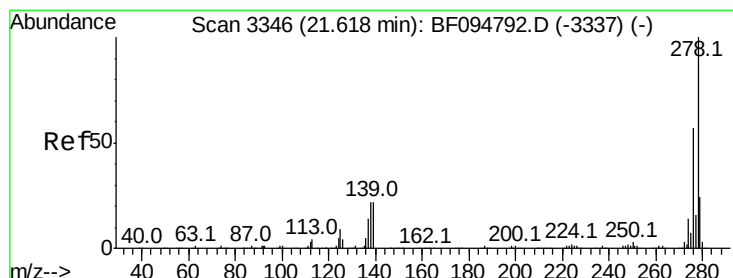
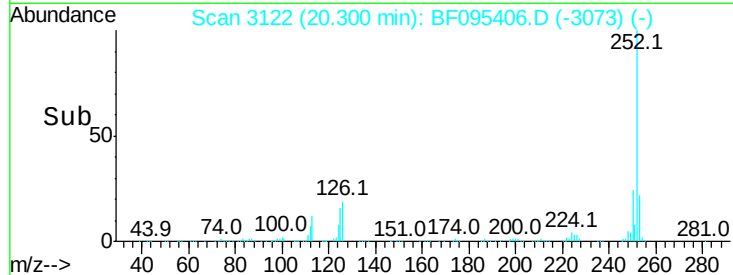
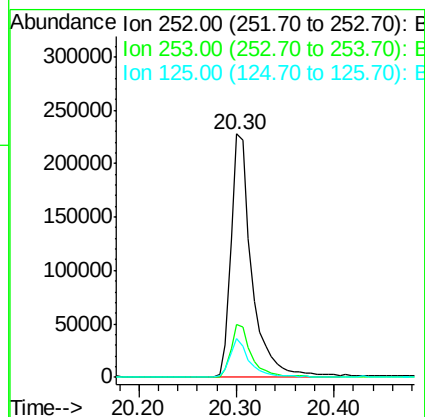
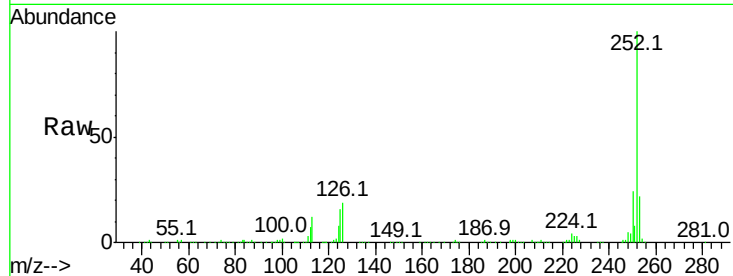




#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

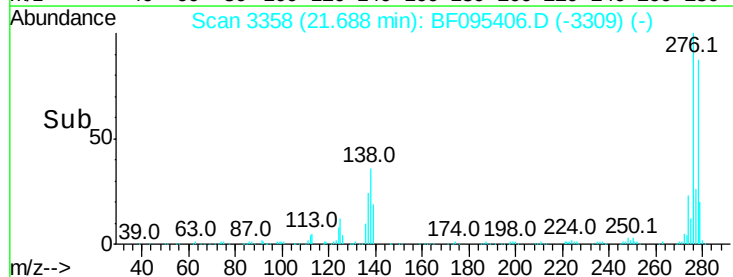
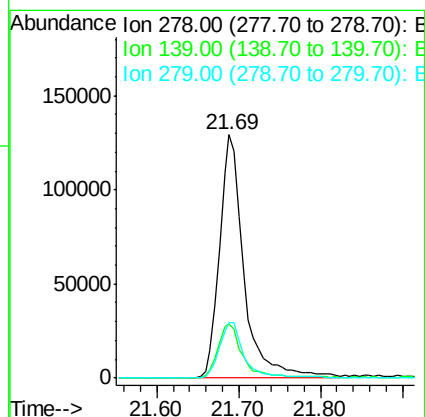
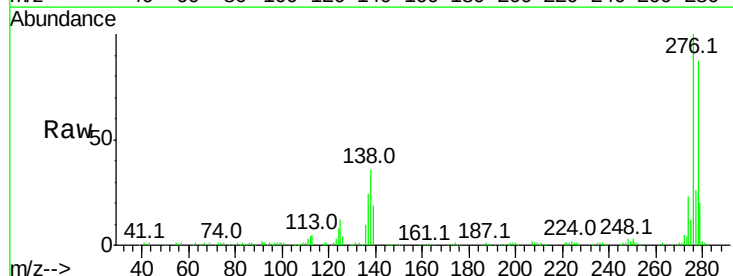
Instrument :
BNA_F
ClientSampleId :

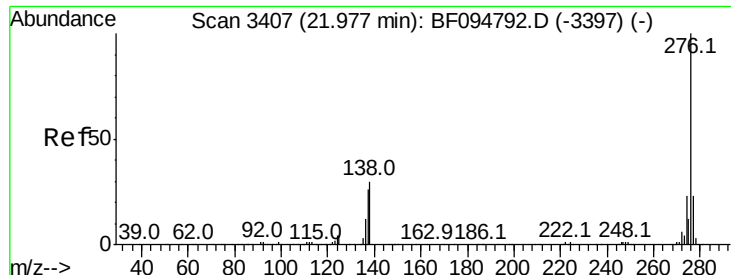
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.8	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 39.10 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.0	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.73 ng

RT: 22.08 min Scan# 3424

Delta R.T. -0.01 min

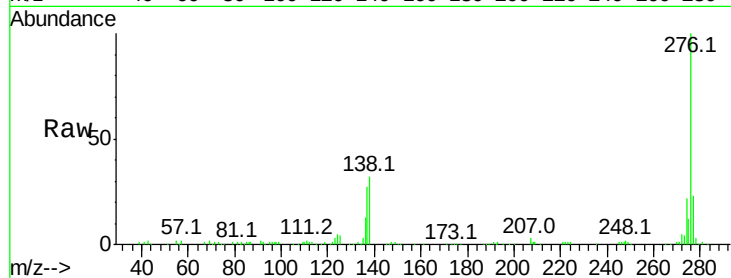
Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :



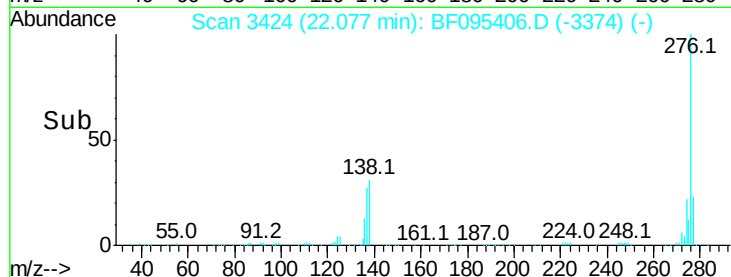
Tot Ion: 276 Resp: 276006

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 31.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

