

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095383.D
 Acq On : 24 May 2017 11:56
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:41:45 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	7.75	152	100139	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	410429	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	187326	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	333030	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	267244	20.00	ng	-0.01
86) Perylene-d12	20.36	264	235064	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	465339	77.47	ng	-0.01
7) Phenol-d6	7.29	99	585385	81.23	ng	-0.02
23) Nitrobenzene-d5	8.66	82	507211	77.93	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	120661	78.65	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	991839	76.21	ng	-0.02
78) Terphenyl-d14	17.32	244	976431	80.48	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	96018	32.60	ng	95
3) Pyridine	2.91	79	236797	34.68	ng	99
4) n-Nitrosodimethylamine	2.84	42	76075	26.73	ng	# 76
6) Aniline	7.26	93	394049	43.31	ng	94
8) 2-Chlorophenol	7.44	128	282219	41.28	ng	94
9) Benzaldehyde	7.08	77	155081	35.24	ng	97
10) Phenol	7.31	94	256950	33.83	ng	94
11) bis(2-Chloroethyl)ether	7.38	93	250253	39.92	ng	96
12) 1,3-Dichlorobenzene	7.65	146	313976	40.49	ng	98
13) 1,4-Dichlorobenzene	7.78	146	323461	41.13	ng	98
14) 1,2-Dichlorobenzene	8.01	146	311857	42.48	ng	97
15) Benzyl Alcohol	8.04	79	207837	44.84	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	357375	40.27	ng	80
17) 2-Methylphenol	8.25	107	242371	43.32	ng	96
18) Hexachloroethane	8.52	117	104522	39.23	ng	89
19) n-Nitroso-di-n-propylamine	8.46	70	200311	41.10	ng	94
20) 3+4-Methylphenols	8.51	107	308298	40.55	ng	# 55
22) Acetophenone	8.43	105	397541	40.37	ng	# 85
24) Nitrobenzene	8.68	77	274399	40.22	ng	94
25) Isophorone	9.09	82	479387	41.25	ng	95
26) 2-Nitrophenol	9.20	139	154436	41.95	ng	97
27) 2,4-Dimethylphenol	9.32	122	247394	41.57	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	327975	40.79	ng	99
29) 2,4-Dichlorophenol	9.62	162	216408	38.51	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	242090	40.21	ng	98
31) Naphthalene	9.80	128	836817	40.57	ng	100
32) Benzoic acid	9.66	122	118334	32.16	ng	95
33) 4-Chloroaniline	9.95	127	322449	41.95	ng	# 93
34) Hexachlorobutadiene	10.01	225	122084	38.43	ng	97
35) Caprolactam	10.58	113	48871	28.96	ng	88
36) 4-Chloro-3-methylphenol	10.80	107	250373	41.67	ng	89
37) 2-Methylnaphthalene	10.93	142	553118	40.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	224688	39.00	ng	99
40) Hexachlorocyclopentadiene	11.18	237	70206	32.85	ng	99

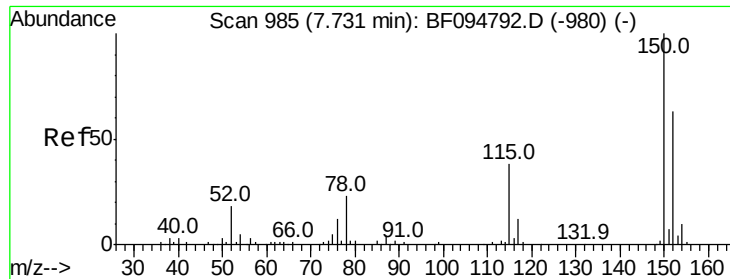
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095383.D
 Acq On : 24 May 2017 11:56
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
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 BNA_F
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Quant Time: May 25 01:41:45 2017
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 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)
42) 2,4,6-Trichlorophenol	11.43	196	147149	38.26	nq	96
43) 2,4,5-Trichlorophenol	11.54	196	146121	35.35	nq	94
45) 1,1'-Biphenyl	11.70	154	643924	40.83	nq	98
46) 2-Chloronaphthalene	11.71	162	513468	40.32	nq	96
47) 2-Nitroaniline	11.94	65	143765	41.25	nq	86
48) Acenaphthylene	12.37	152	795147	39.86	nq	98
49) Dimethylphthalate	12.24	163	590654	38.41	nq	100
50) 2,6-Dinitrotoluene	12.34	165	125680	40.06	nq	96
51) Acenaphthene	12.65	154	457691	38.42	nq	98
52) 3-Nitroaniline	12.62	138	138421	41.11	nq	87
53) 2,4-Dinitrophenol	12.85	184	50029	32.94	nq	# 64
54) Dibenzofuran	12.94	168	602162	36.52	nq	98
55) 4-Nitrophenol	13.05	139	57180	28.27	nq	# 73
56) 2,4-Dinitrotoluene	13.02	165	161830	40.14	nq	97
57) Fluorene	13.49	166	549981	38.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.19	232	100989	38.82	nq	# 98
59) Diethylphthalate	13.39	149	539904	36.63	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	244865	38.86	nq	88
61) 4-Nitroaniline	13.62	138	110595	35.78	nq	92
62) Azobenzene	13.78	77	464676	39.23	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	83382	37.35	nq	# 69
65) n-Nitrosodiphenylamine	13.72	169	479369	39.66	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	138088	39.25	nq	100
67) Hexachlorobenzene	14.39	284	142522	39.53	nq	# 89
68) Atrazine	14.65	200	135267	39.64	nq	96
69) Pentachlorophenol	14.75	266	60994	40.53	nq	92
70) Phenanthrene	15.04	178	771329	40.31	nq	98
71) Anthracene	15.12	178	813720	41.63	nq	98
72) Carbazole	15.41	167	736264	41.40	nq	98
73) Di-n-butylphthalate	15.97	149	910322	41.05	nq	99
74) Fluoranthene	16.79	202	828109	42.19	nq	99
76) Benzidine	17.01	184	494054	65.56	nq	# 94
77) Pyrene	17.09	202	842558	42.16	nq	98
79) Butylbenzylphthalate	17.98	149	333449	35.87	nq	89
80) Benzo(a)anthracene	18.67	228	595255	38.27	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	203437	37.87	nq	# 96
82) Chrysene	18.71	228	629897	41.88	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	498570	37.64	nq	100
84) Di-n-octyl phthalate	19.49	149	858792	39.55	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	462195	37.84	nq	99
87) Benzo(b)fluoranthene	19.94	252	549887	37.86	nq	97
88) Benzo(k)fluoranthene	19.97	252	617832	44.10	nq	96
89) Benzo(a)pyrene	20.30	252	525247	39.19	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	395375	35.72	nq	97
91) Benzo(g,h,i)perylene	22.07	276	385184	35.46	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

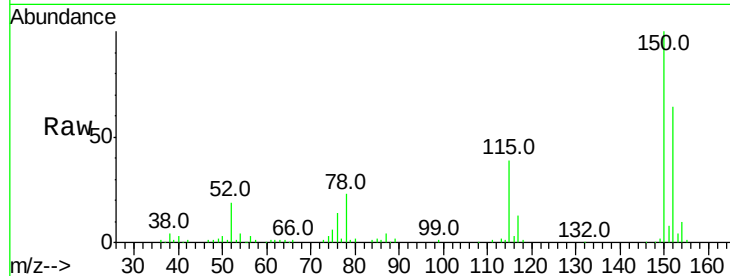
Tot Ion:152 Resp: 100139

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

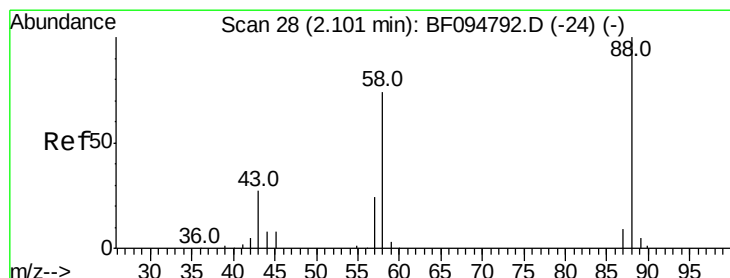
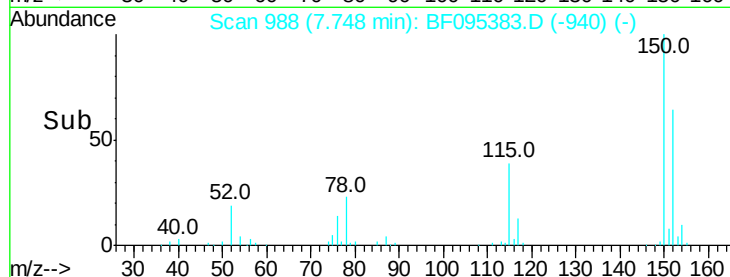
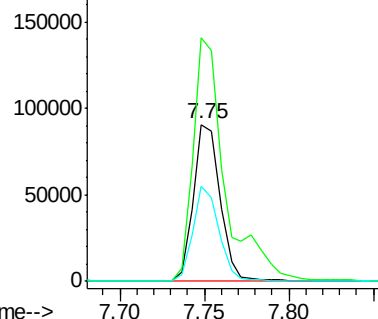
115 60.6 52.2 78.2



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: 32.60 ng

RT: 2.20 min Scan# 45

Delta R.T. -0.03 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

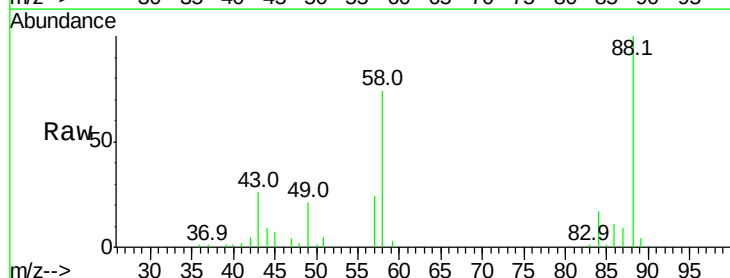
Tgt Ion: 88 Resp: 96018

Ion Ratio Lower Upper

88 100

58 72.3 61.4 92.0

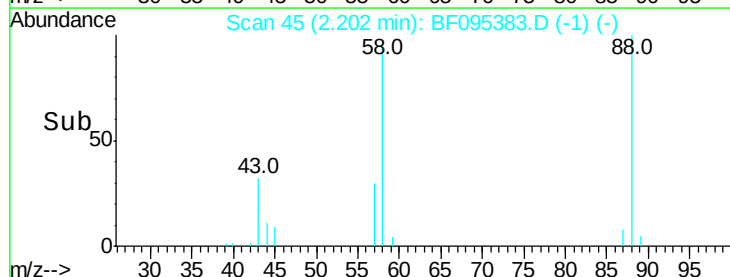
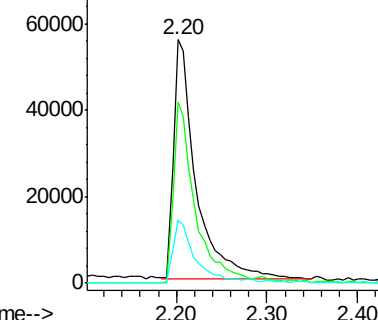
43 26.6 23.4 35.0

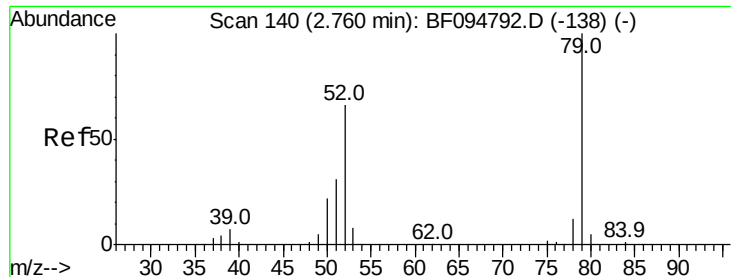


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.68 ng

RT: 2.91 min Scan# 166

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampled :

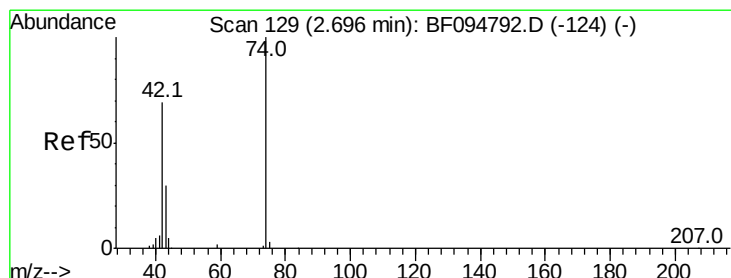
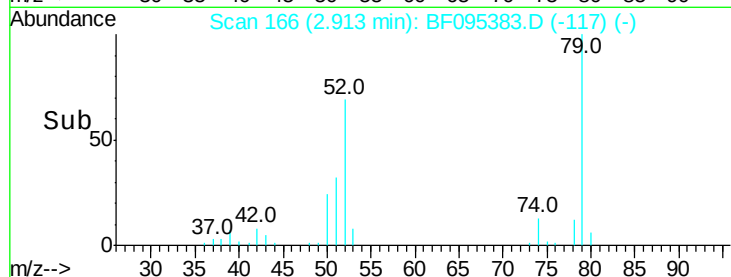
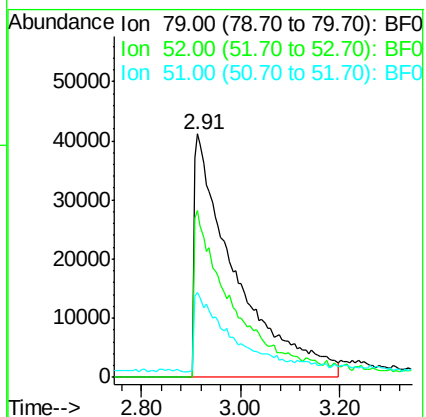
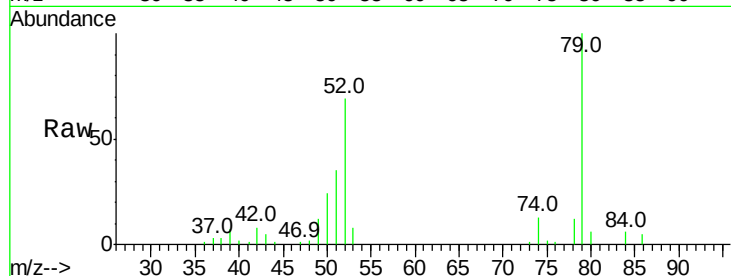
Tot Ion: 79 Resp: 236797

Ion Ratio Lower Upper

79 100

52 68.6 54.8 82.2

51 35.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 26.73 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

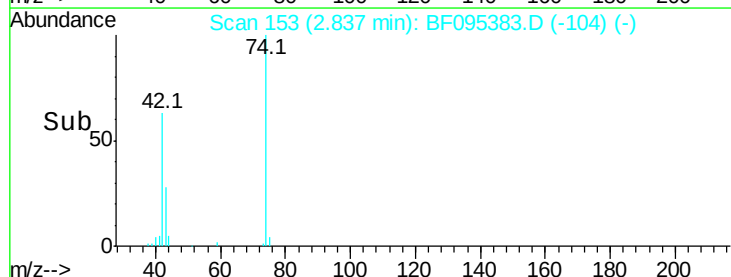
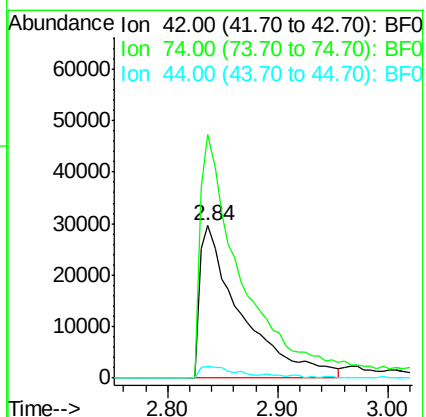
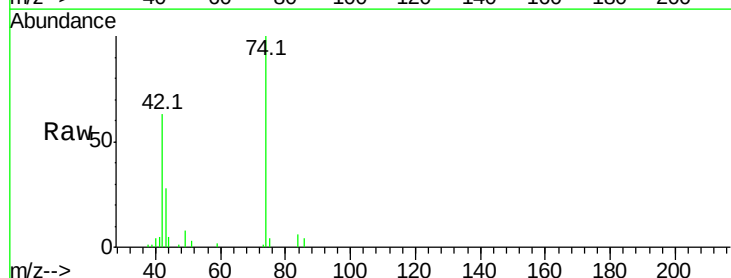
Tgt Ion: 42 Resp: 76075

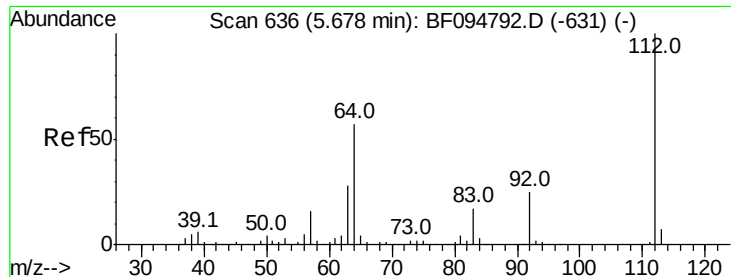
Ion Ratio Lower Upper

42 100

74 159.5 103.9 155.9#

44 7.6 5.7 8.5

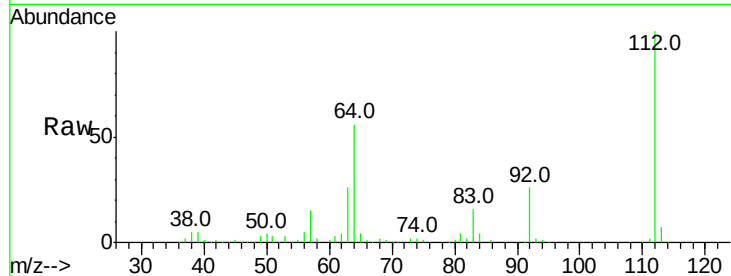




#5
 2-Fluorophenol
 Concen: 77.47 ng
 RT: 5.72 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampled :

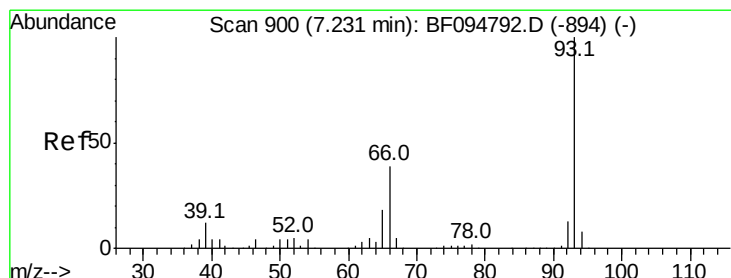
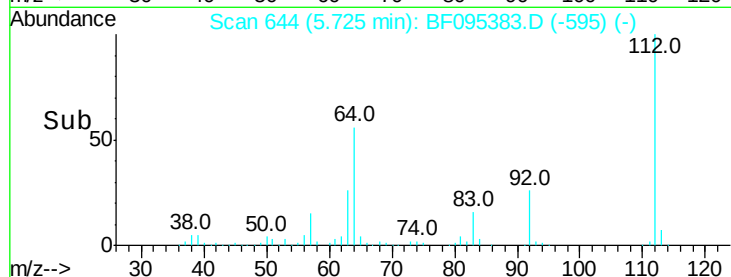
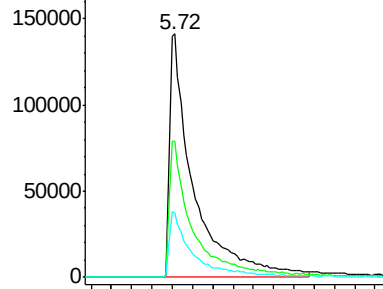
Tot Ion:	112	Resp:	465339
Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.0	69.0
63	26.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

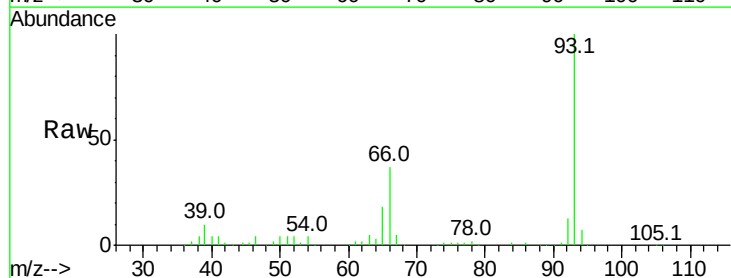
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 43.31 ng
 RT: 7.26 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

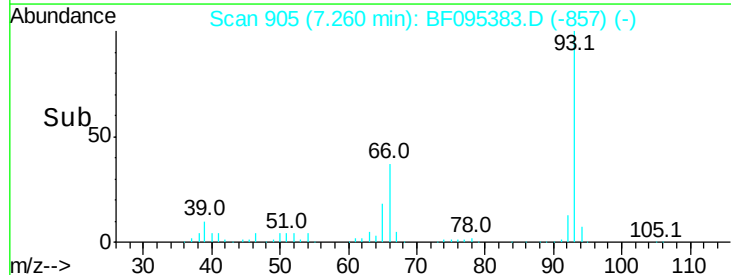
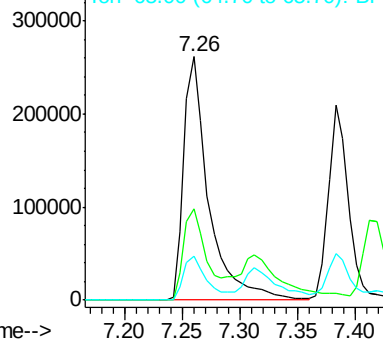
Tgt Ion:	93	Resp:	394049
Ion	Ratio	Lower	Upper
93	100		
66	37.4	32.9	49.3
65	17.8	16.0	24.0

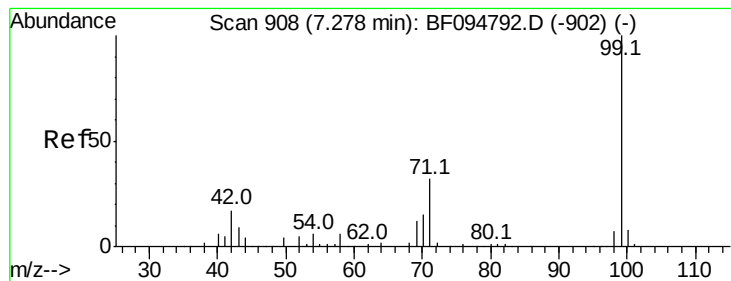


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.23 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampled :

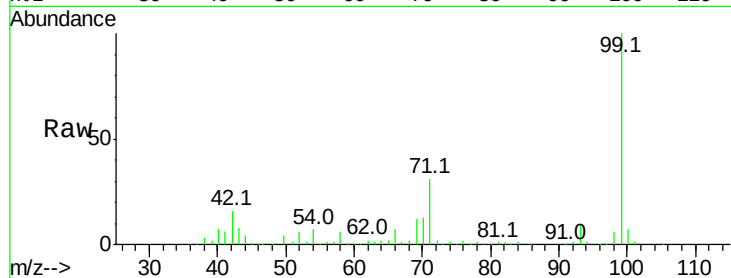
Tot Ion: 99 Resp: 585385

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

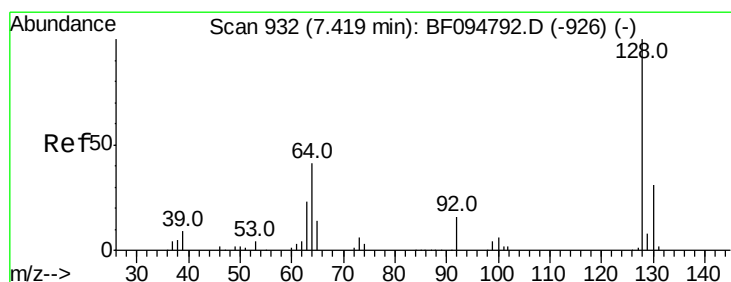
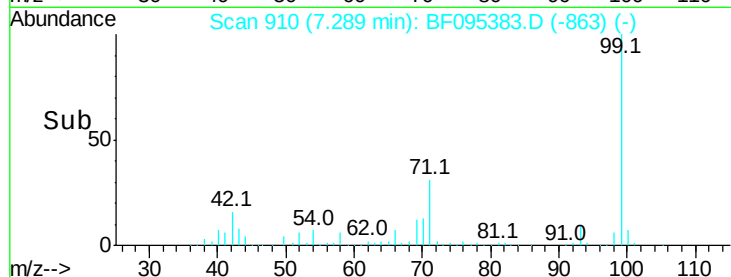
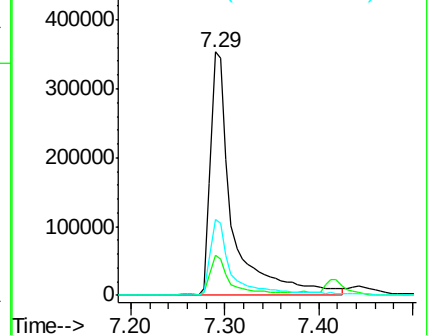
71 31.3 24.5 36.7



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: 41.28 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

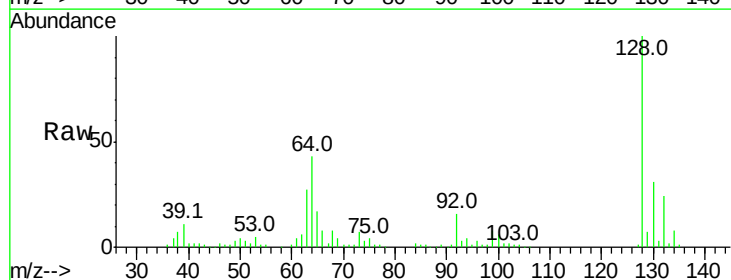
Tgt Ion: 128 Resp: 282219

Ion Ratio Lower Upper

128 100

130 31.4 12.9 52.9

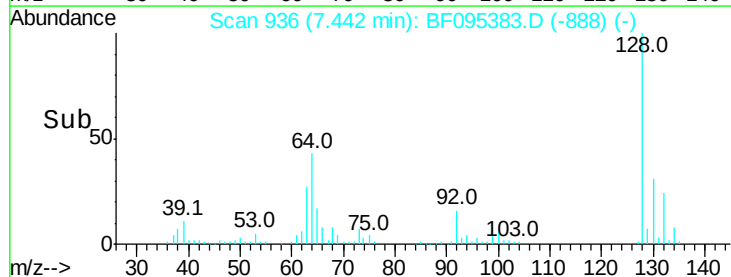
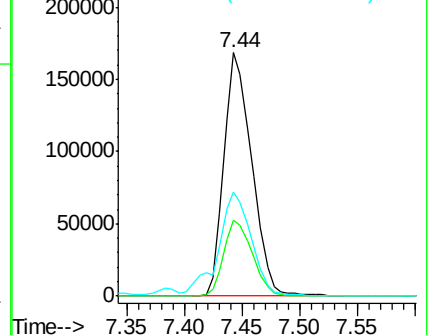
64 42.8 28.4 68.4

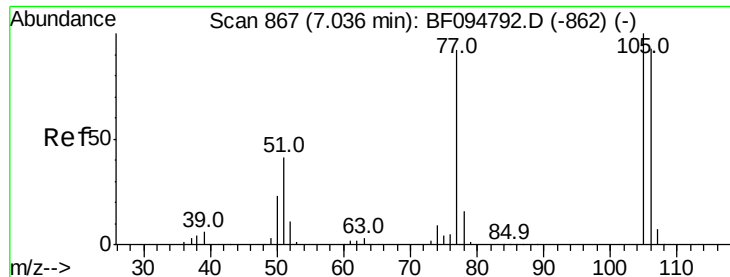


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.24 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampled :

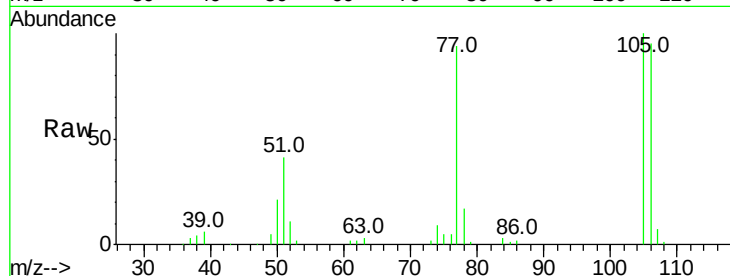
Tot Ion: 77 Resp: 155081

Ion Ratio Lower Upper

77 100

105 106.8 83.8 123.8

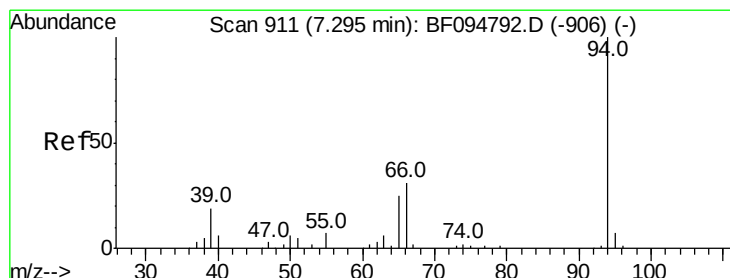
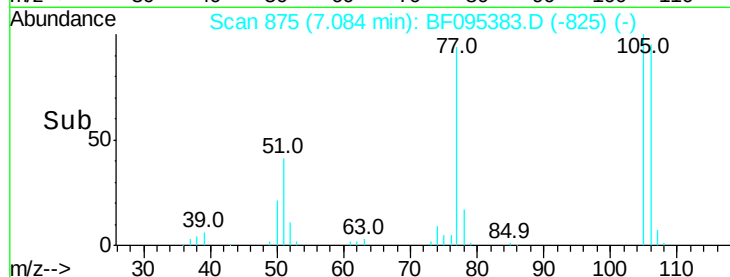
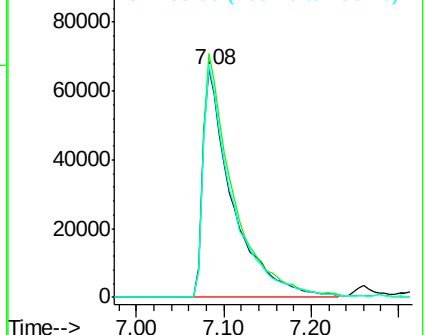
106 101.9 79.1 119.1



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: 33.83 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

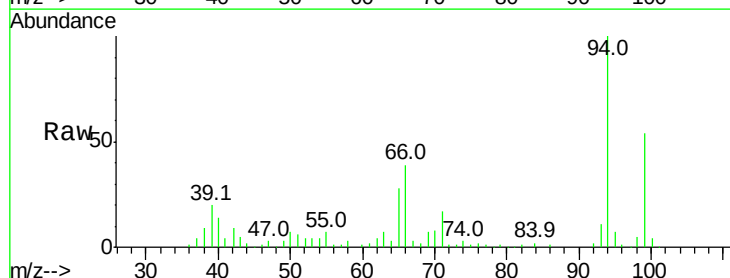
Tgt Ion: 94 Resp: 256950

Ion Ratio Lower Upper

94 100

65 27.7 9.9 49.9

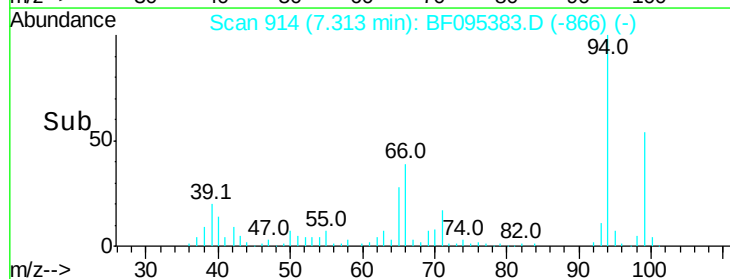
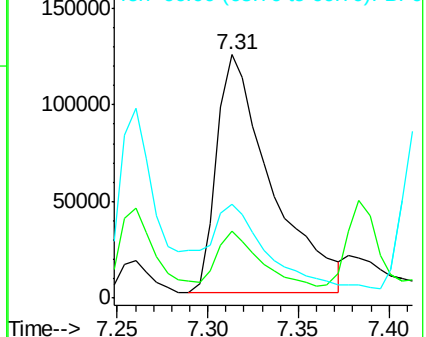
66 38.7 23.1 63.1

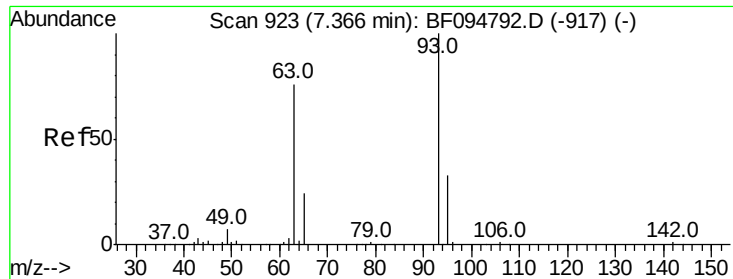


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.92 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

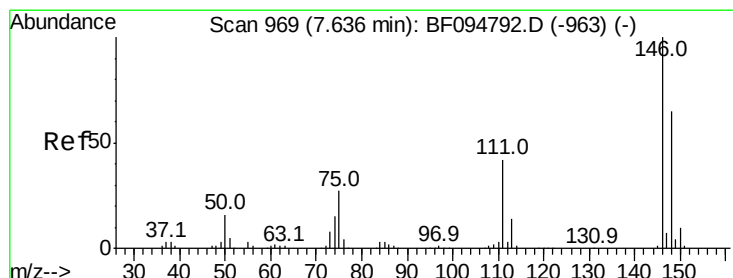
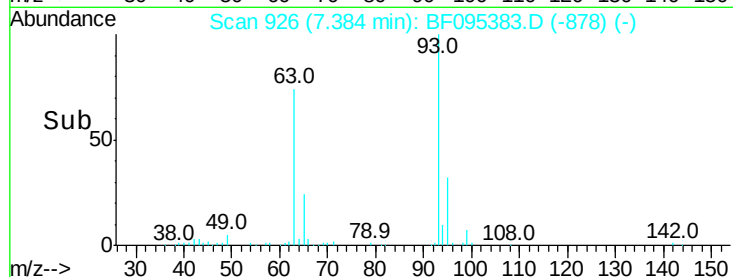
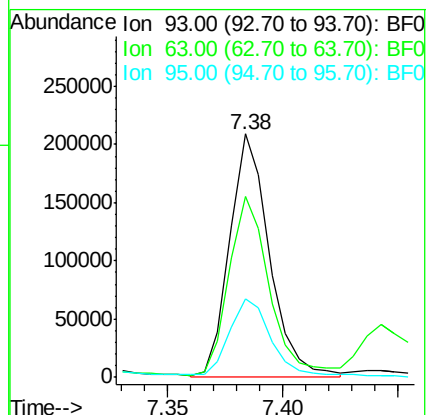
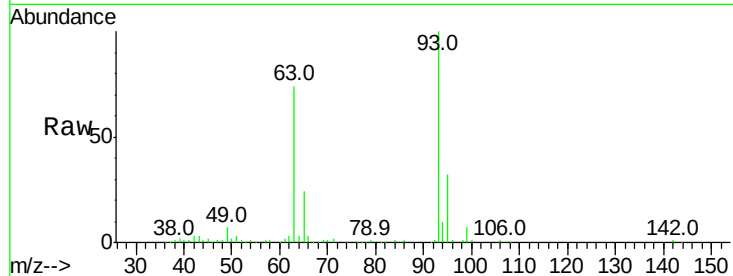
Tot Ion: 93 Resp: 250253

Ion Ratio Lower Upper

93 100

63 74.3 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.49 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

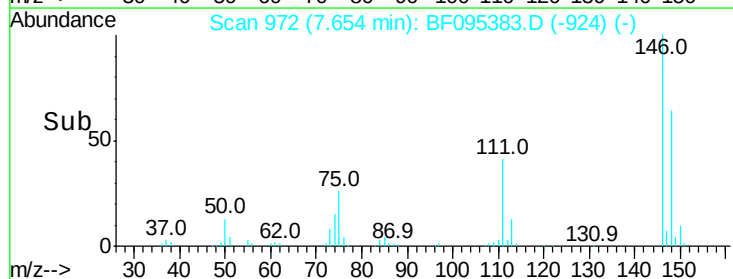
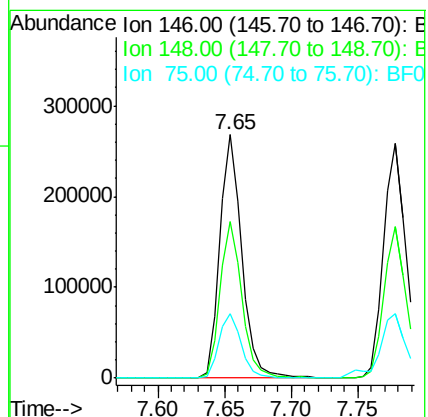
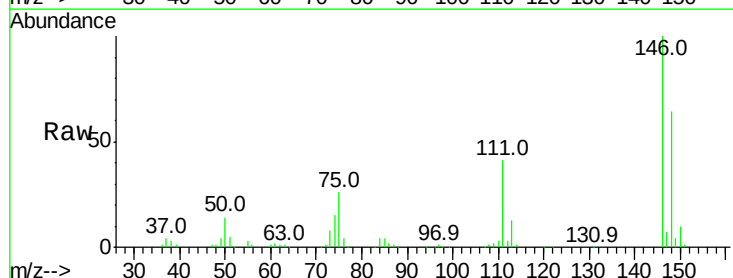
Tgt Ion: 146 Resp: 313976

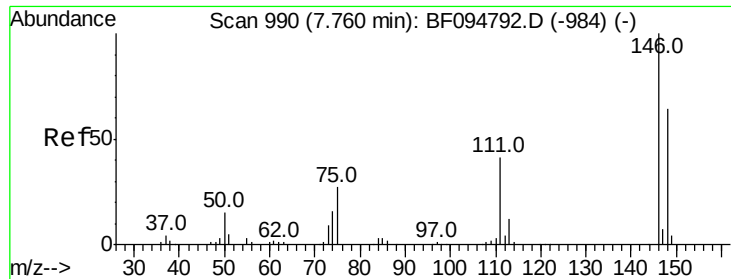
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

75 26.4 23.1 34.7

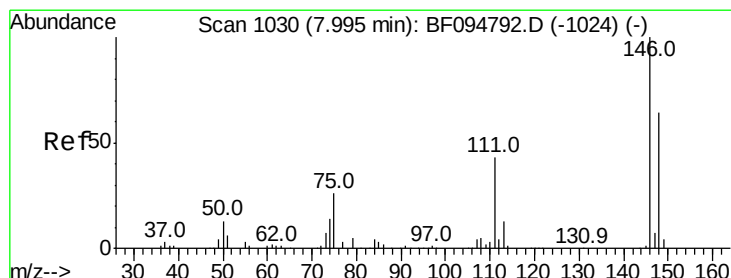
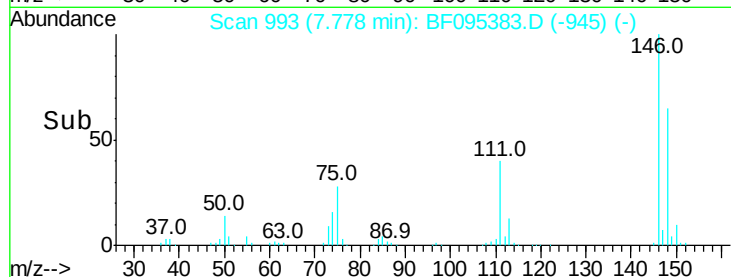
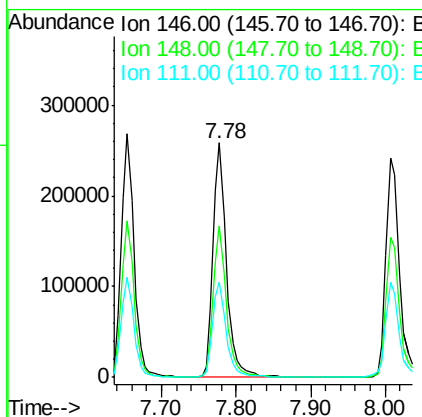
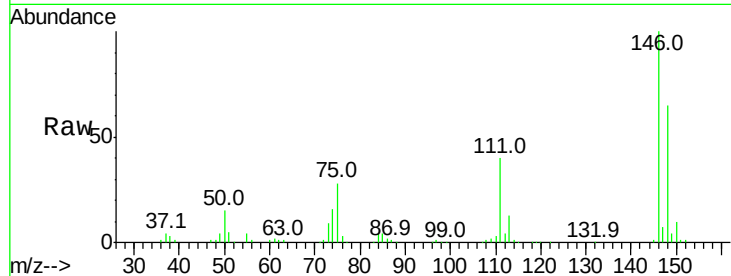




#13
 1,4-Dichlorobenzene
 Concen: 41.13 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

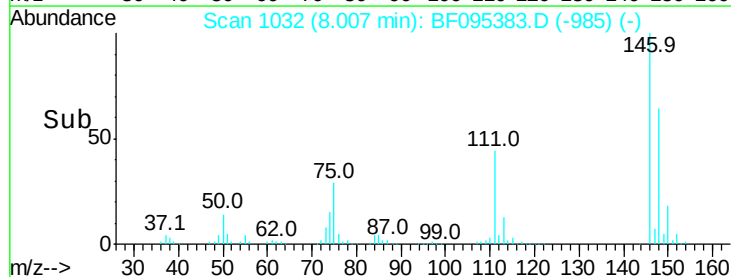
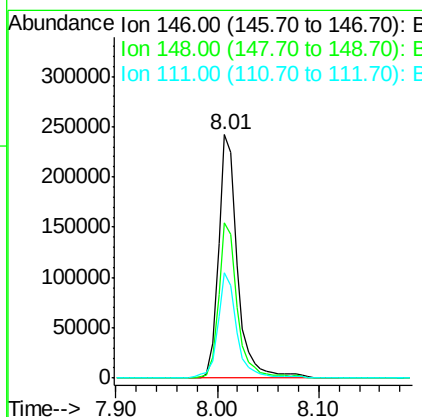
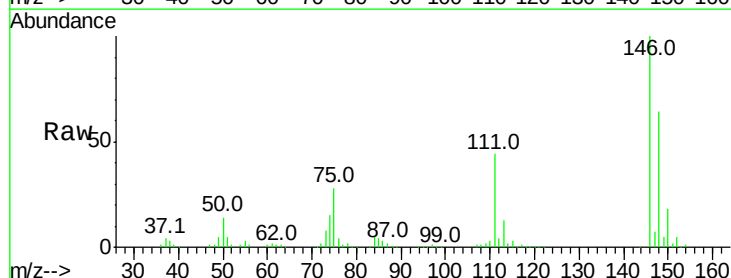
Instrument :
 BNA_F
 ClientSampleId :

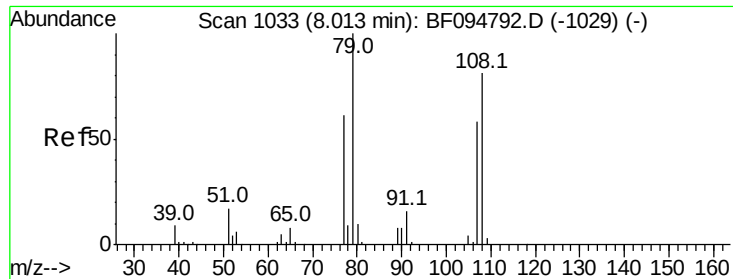
Tot Ion:146 Resp: 323461
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 40.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.48 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:146 Resp: 311857
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 43.5 38.2 57.4

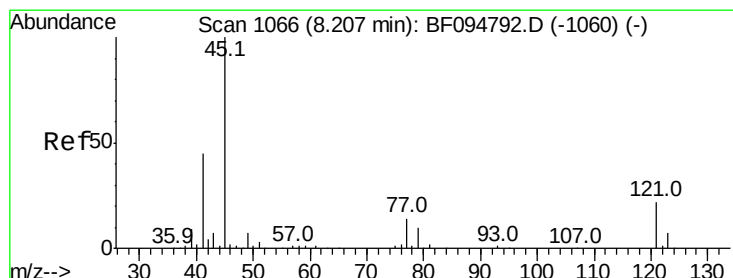
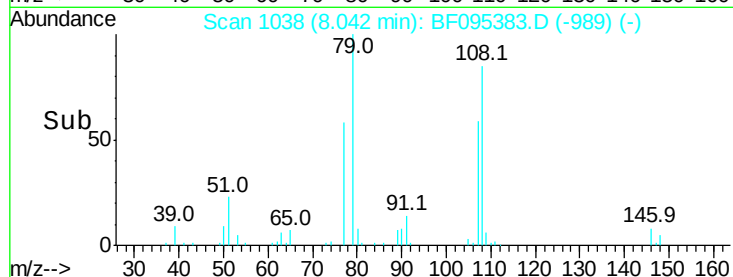
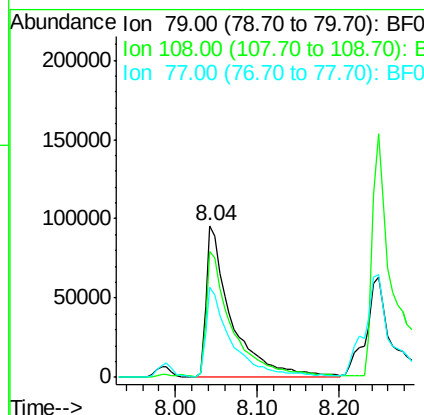
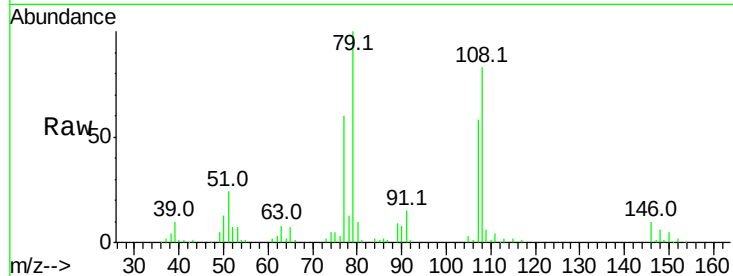




#15
Benzyl Alcohol
Concen: 44.84 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

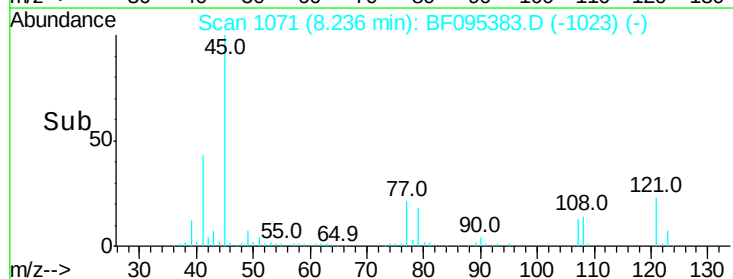
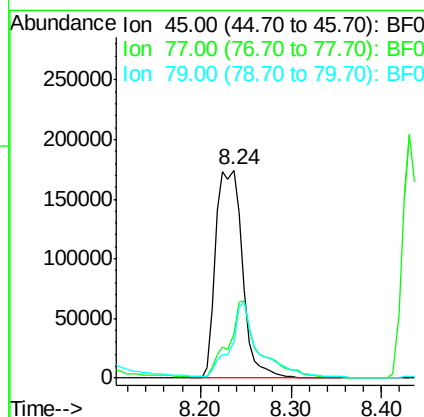
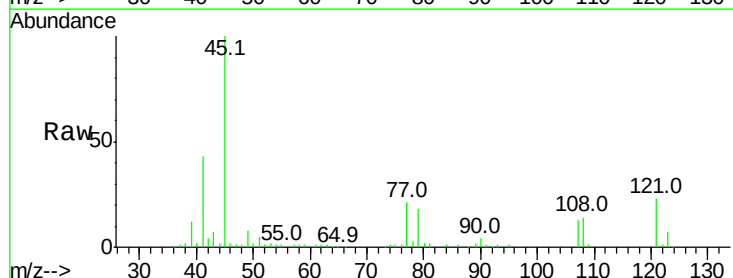
Instrument :
BNA_F
ClientSampleId :

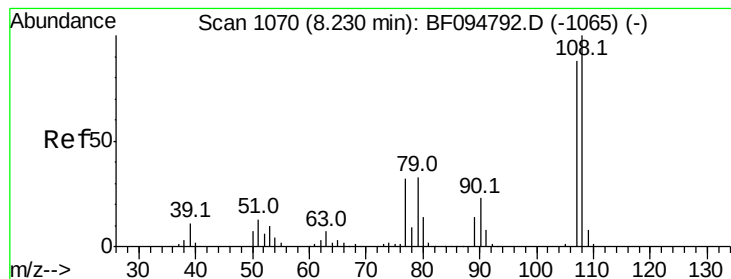
Tot Ion: 79 Resp: 207837
Ion Ratio Lower Upper
79 100
108 82.9 63.4 95.0
77 59.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.27 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion: 45 Resp: 357375
Ion Ratio Lower Upper
45 100
77 20.9 0.0 33.2
79 17.7 0.0 30.0

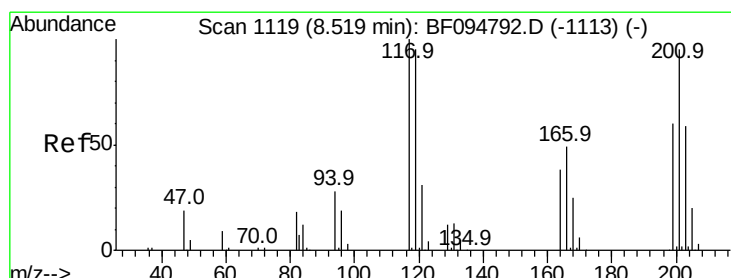
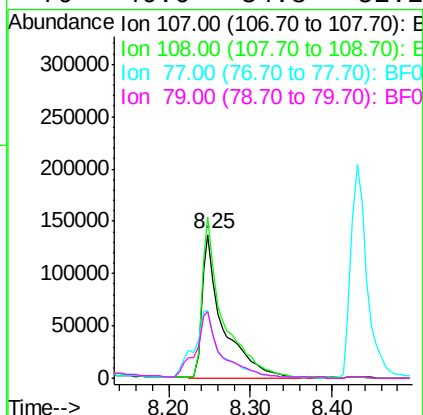
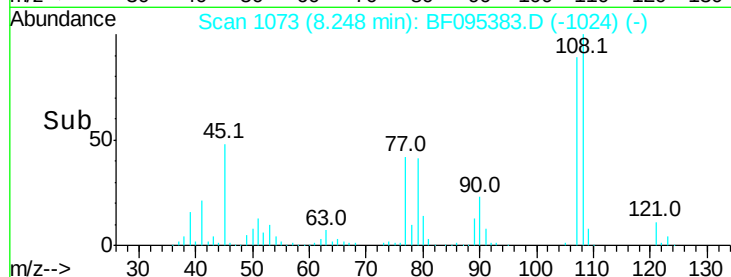
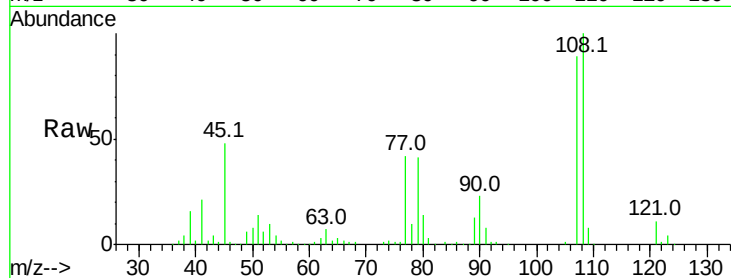




#17
 2-Methylphenol
 Concen: 43.32 ng
 RT: 8.25 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

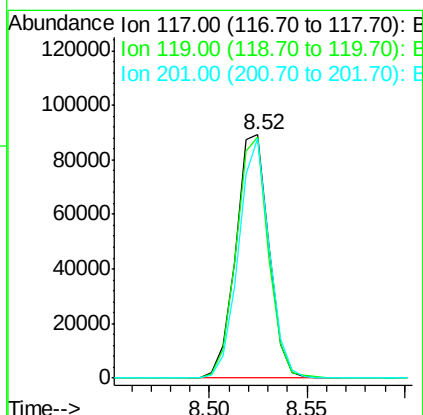
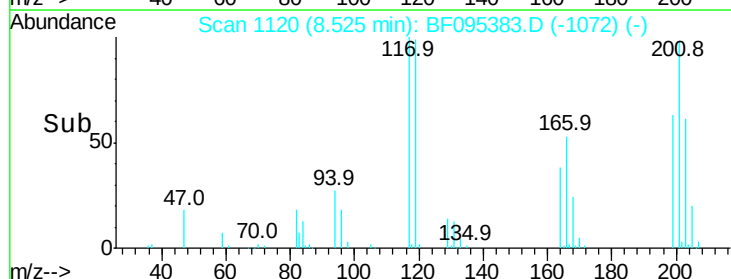
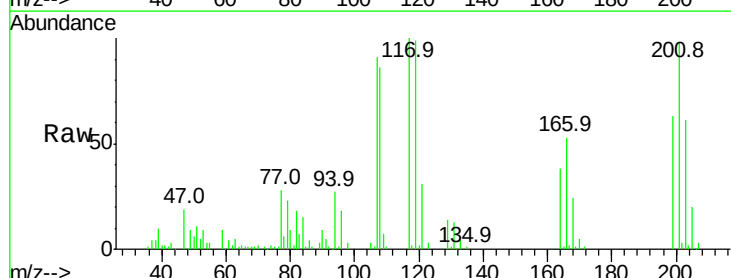
Instrument :
 BNA_F
 ClientSampled :

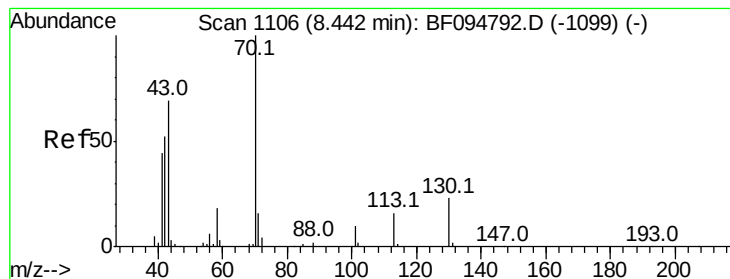
Tot Ion:	107	Resp:	242371
Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.4	140.0
77	47.1	35.8	53.6
79	46.0	34.8	52.2



#18
 Hexachloroethane
 Concen: 39.23 ng
 RT: 8.52 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:	117	Resp:	104522
Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.4	116.0
201	98.5	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.10 ng

RT: 8.46 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 200311

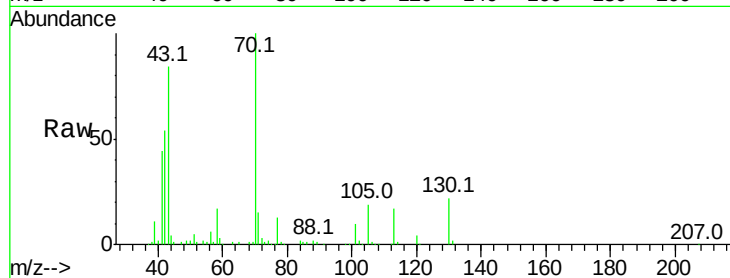
Ion Ratio Lower Upper

70 100

42 54.2 47.2 70.8

101 10.1 7.2 10.8

130 22.0 15.9 23.9

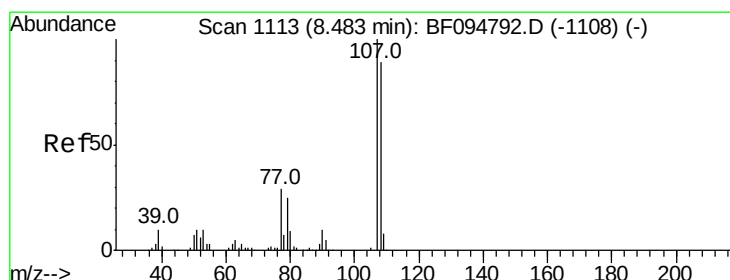
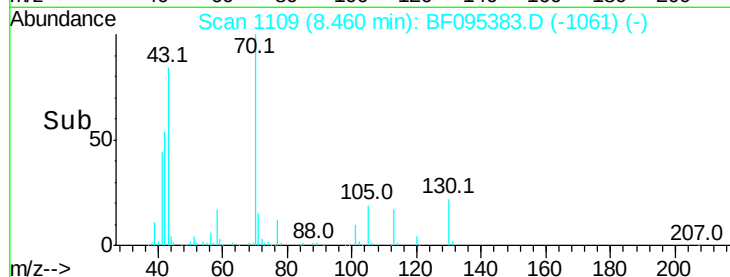
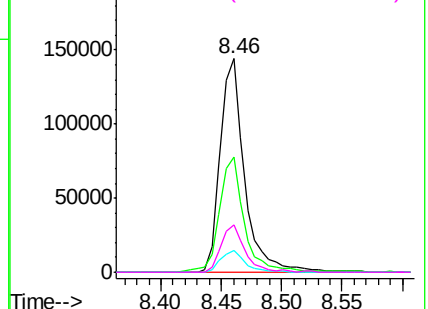


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 40.55 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Tgt Ion:107 Resp: 308298

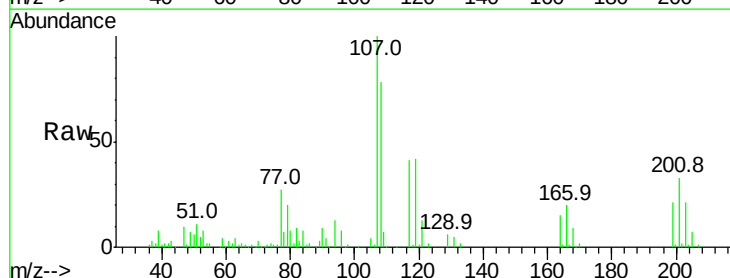
Ion Ratio Lower Upper

107 100

108 77.6 71.0 111.0

77 27.4 90.5 130.5#

79 19.5 8.4 48.4

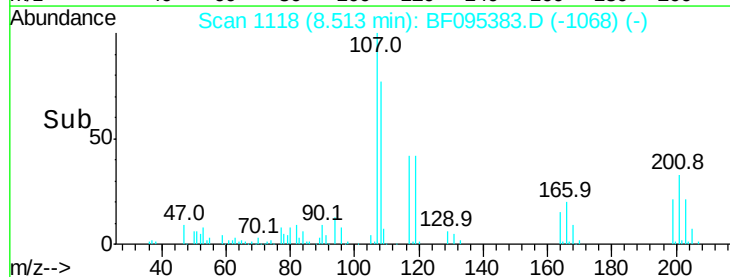
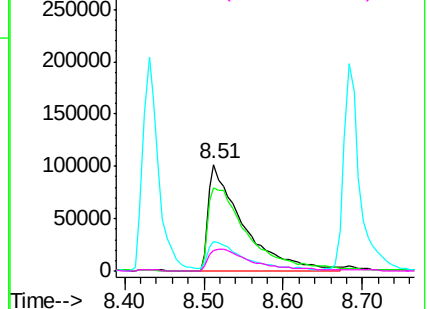


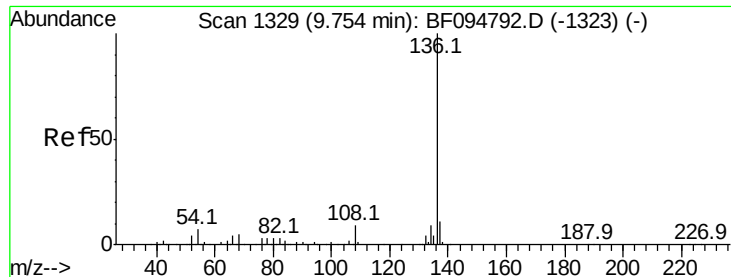
Abundance Ion 107.00 (106.70 to 107.70): E

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

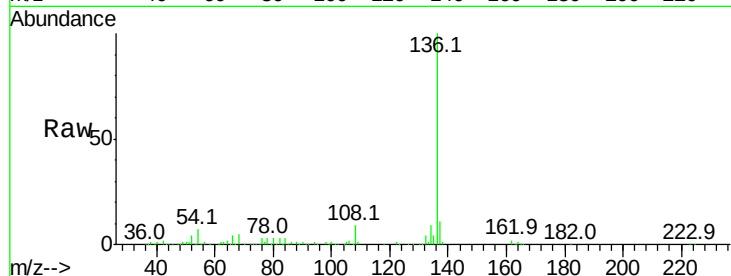




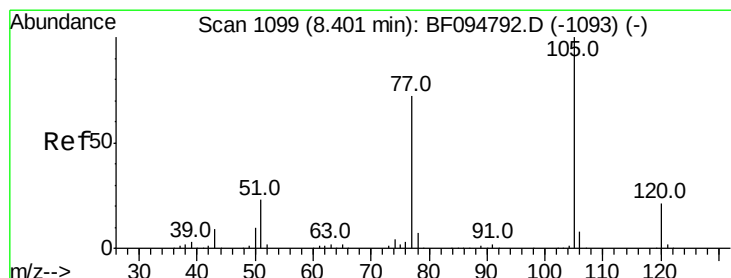
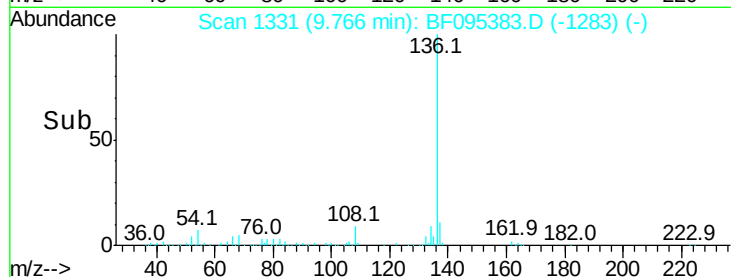
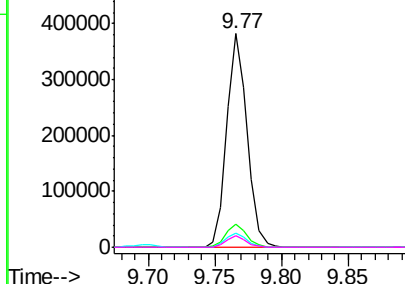
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	410429
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.6	4.9 7.3
68	5.4	4.1 6.1

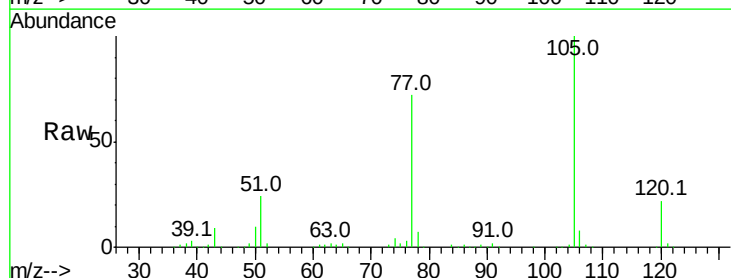


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

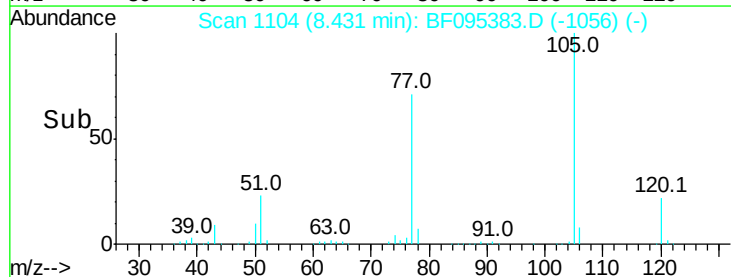
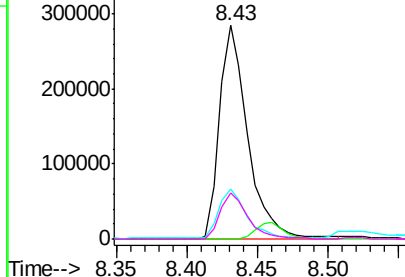


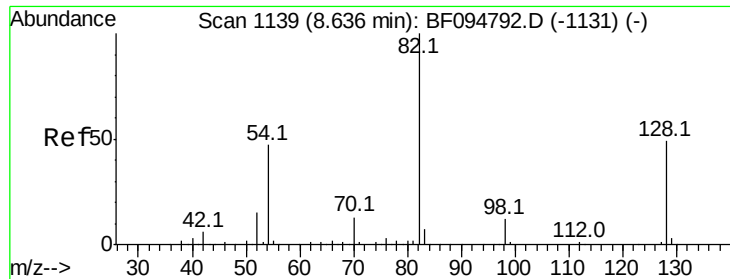
#22
Acetophenone
Concen: 40.37 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:105	Resp:	397541
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	23.6	30.7 46.1#
120	21.8	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

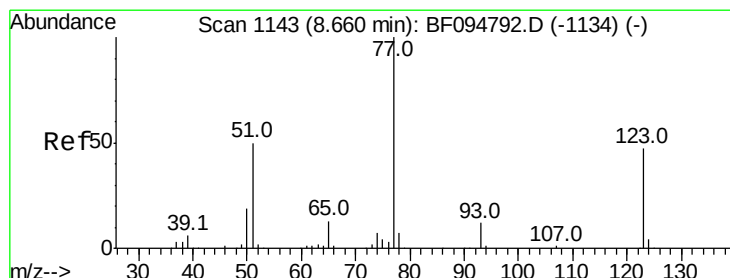
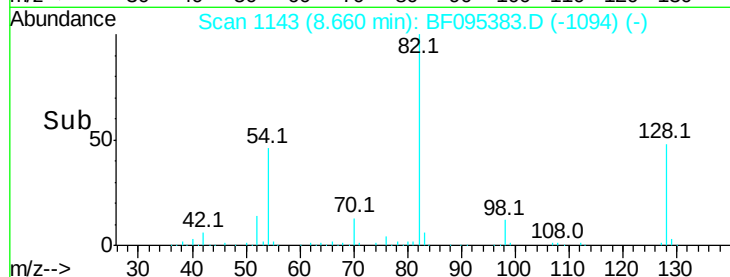
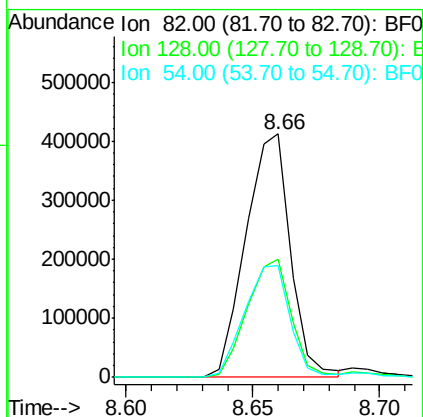
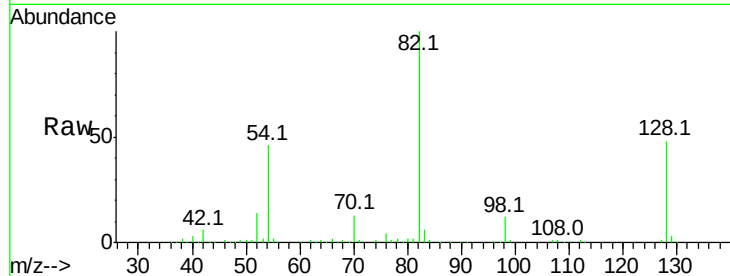




#23
 Nitrobenzene-d5
 Concen: 77.93 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

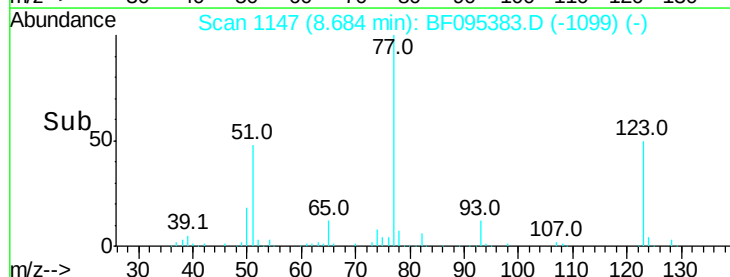
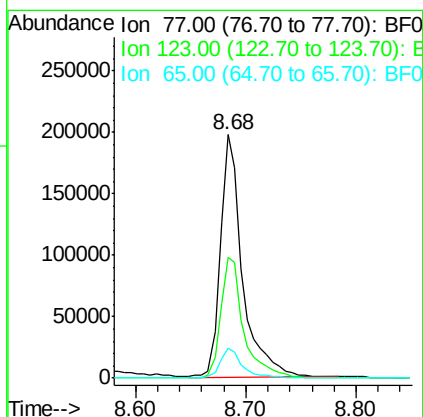
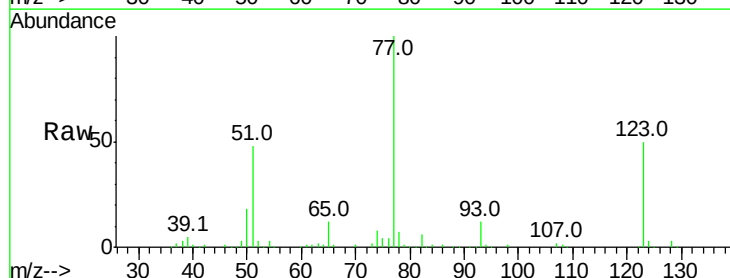
Instrument :
 BNA_F
 ClientSampled :

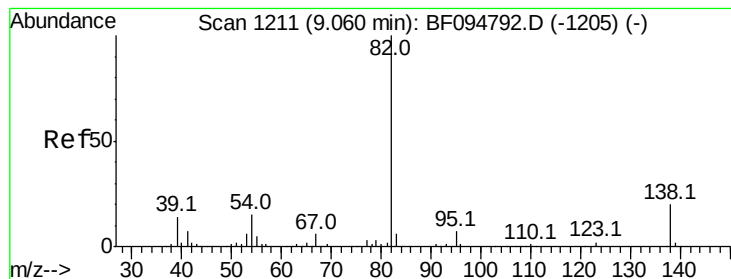
Tot Ion: 82 Resp: 507211
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 45.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.22 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion: 77 Resp: 274399
 Ion Ratio Lower Upper
 77 100
 123 49.7 35.8 53.8
 65 12.5 10.6 15.8





#25

Isophorone

Concen: 41.25 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

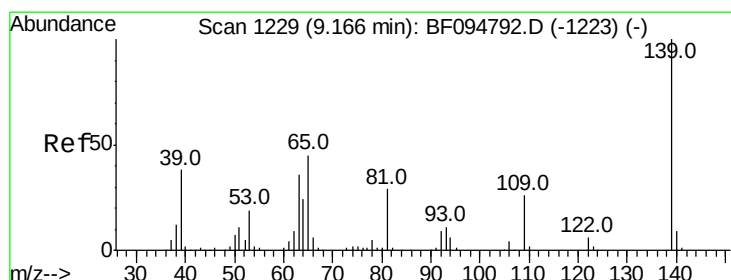
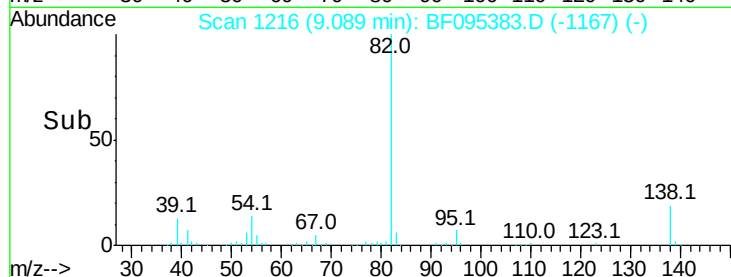
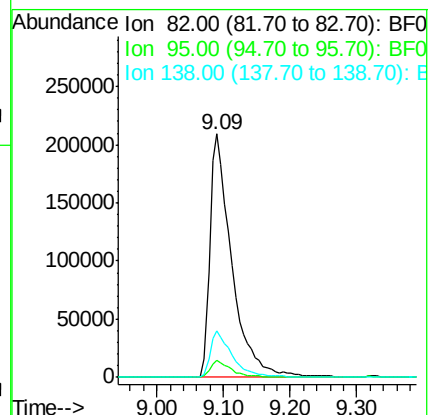
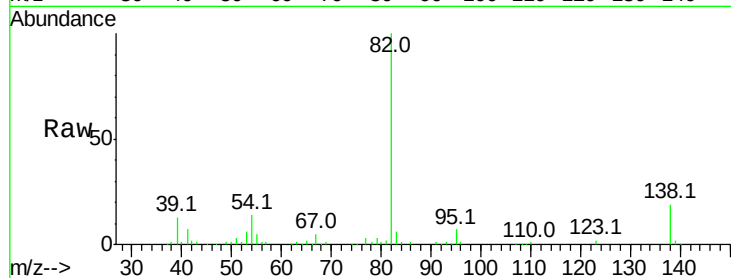
Tot Ion: 82 Resp: 479387

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 41.95 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

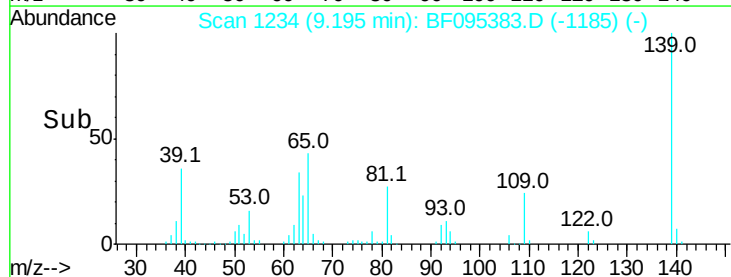
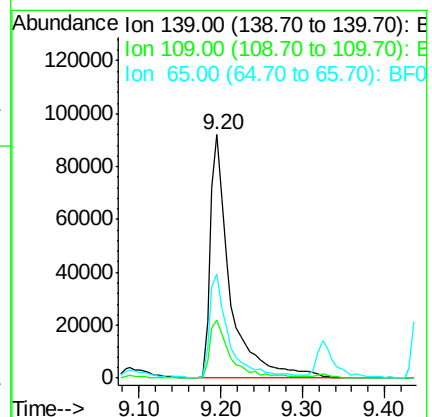
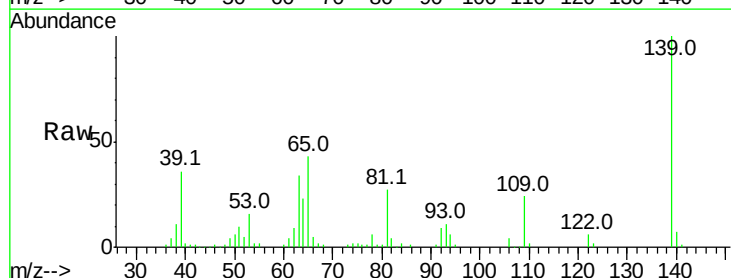
Tgt Ion:139 Resp: 154436

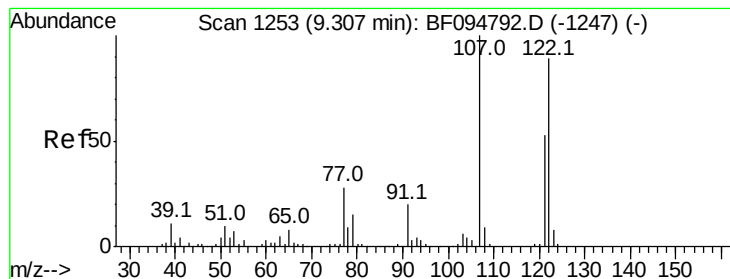
Ion Ratio Lower Upper

139 100

109 24.1 21.0 31.6

65 42.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.57 ng

RT: 9.32 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampled :

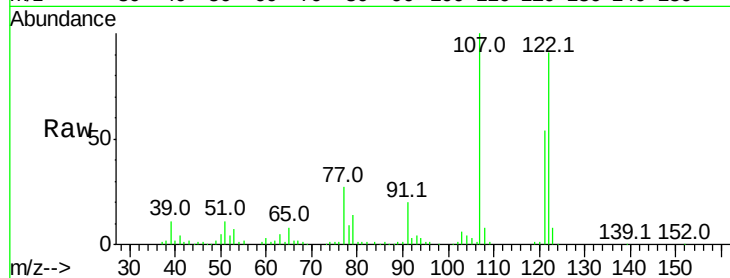
Tot Ion:122 Resp: 247394

Ion Ratio Lower Upper

122 100

107 110.0 89.2 133.8

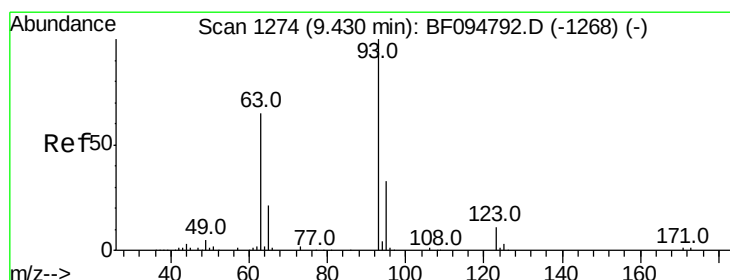
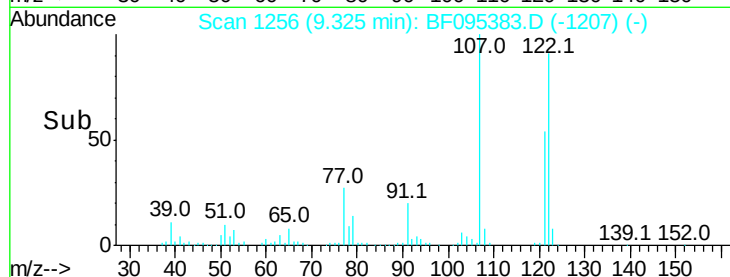
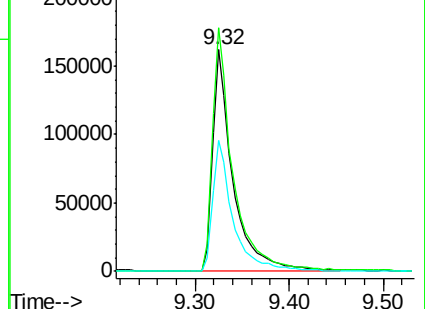
121 59.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.79 ng

RT: 9.45 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

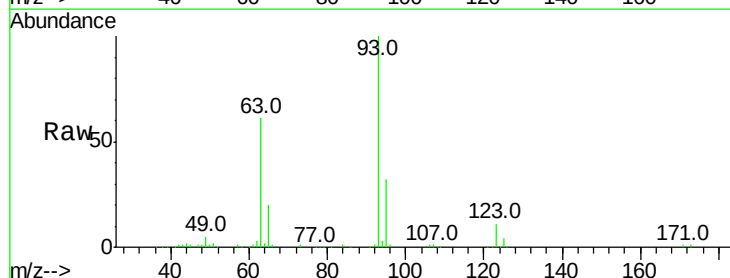
Tgt Ion: 93 Resp: 327975

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

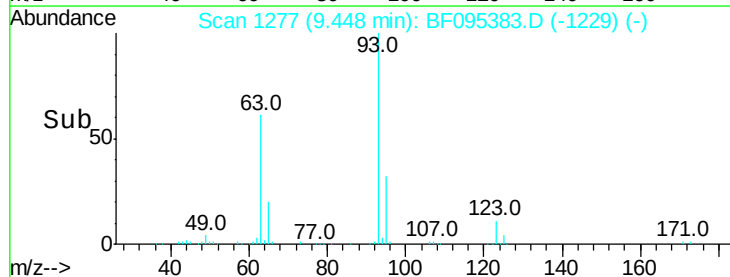
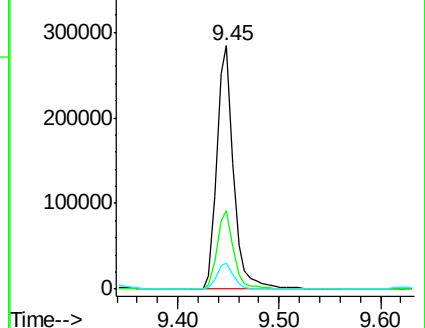
123 10.9 9.0 13.4

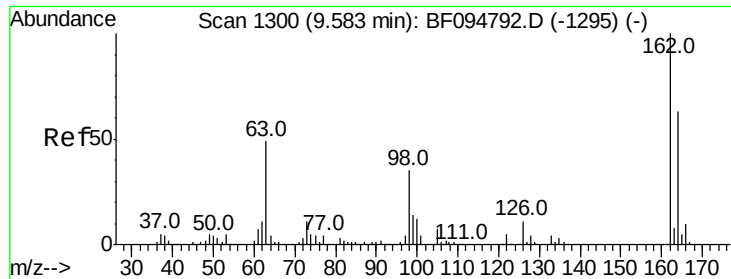


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

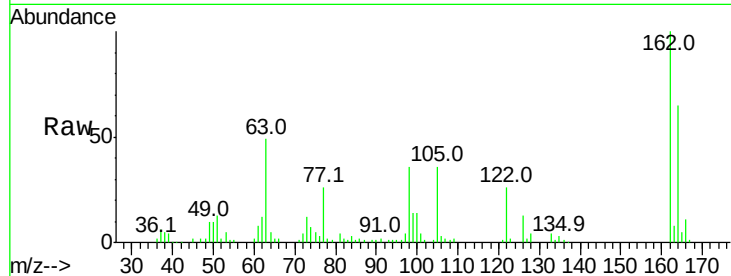




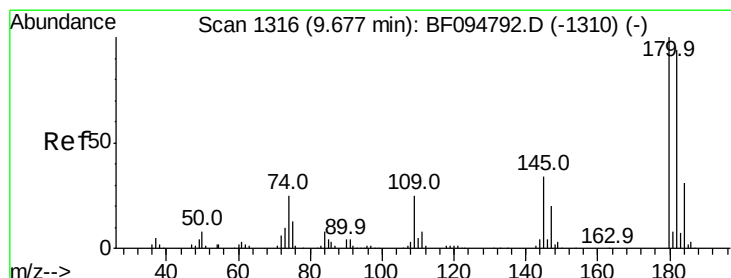
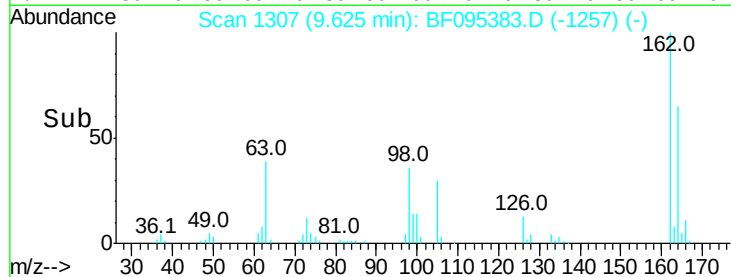
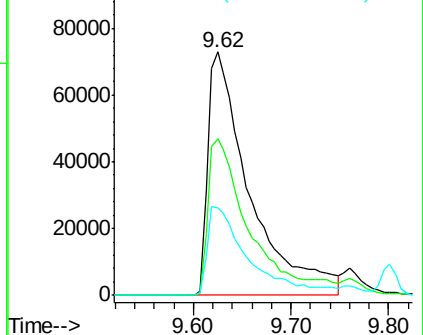
#29
 2,4-Dichlorophenol
 Concen: 38.51 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	36.1	14.8	54.8

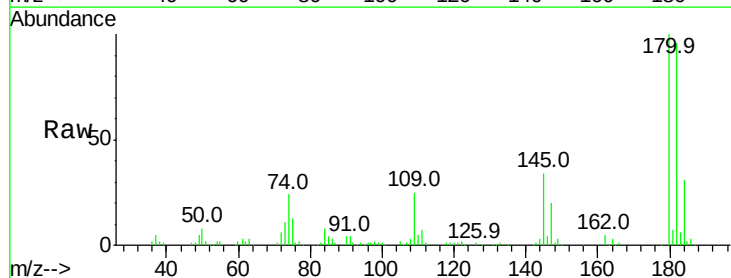


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

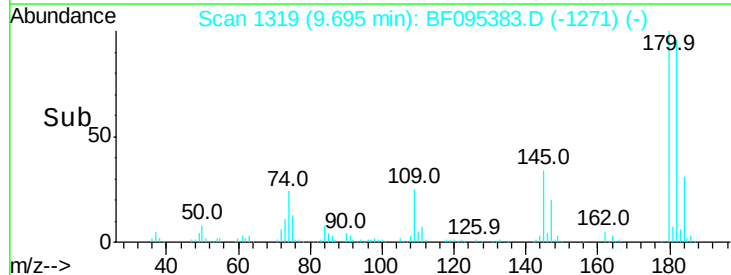
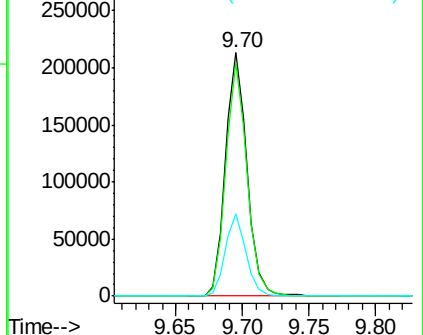


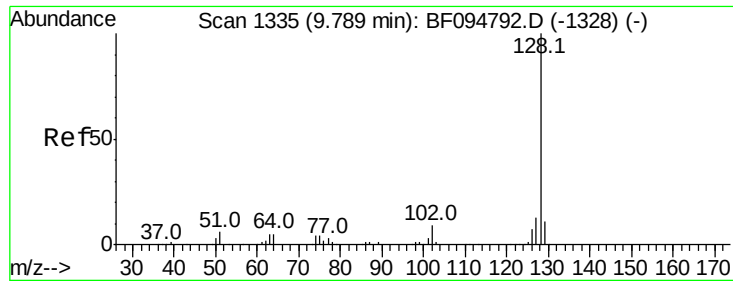
#30
 1,2,4-Trichlorobenzene
 Concen: 40.21 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	33.6	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

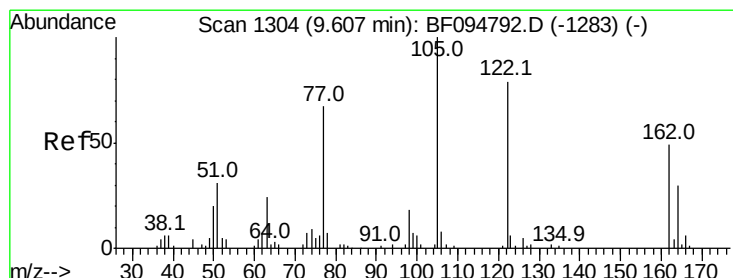
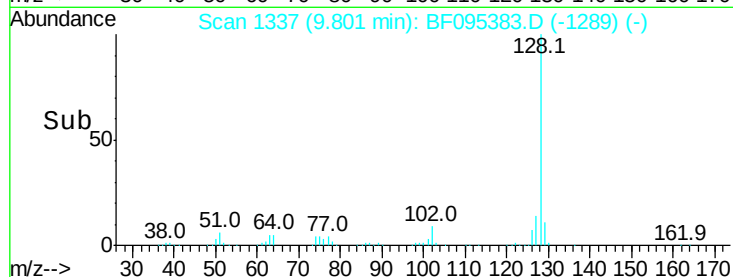
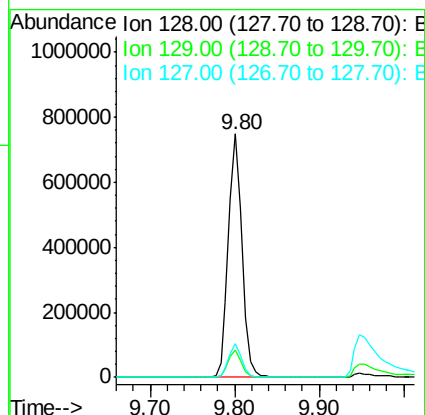
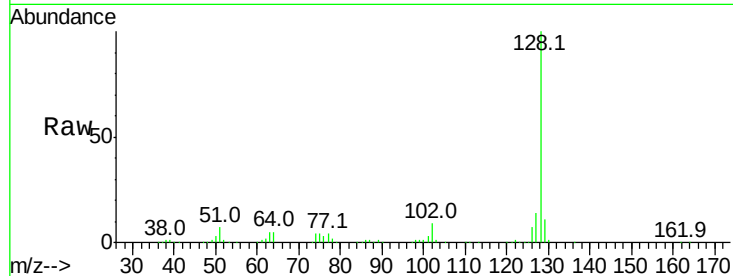




#31
Naphthalene
Concen: 40.57 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

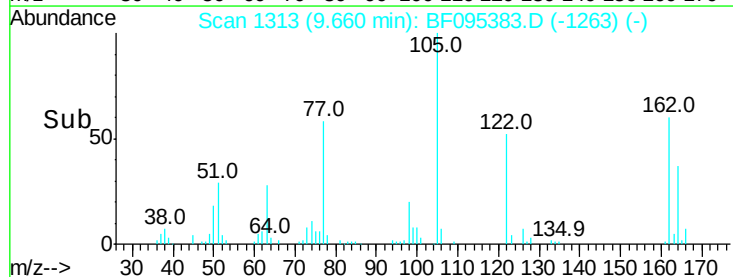
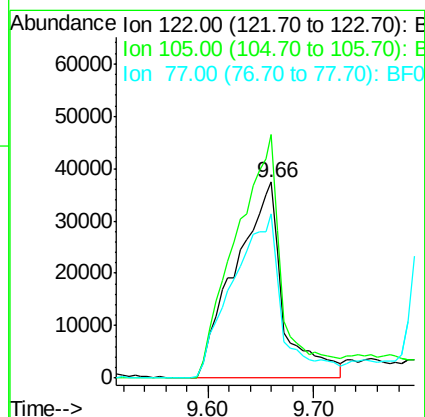
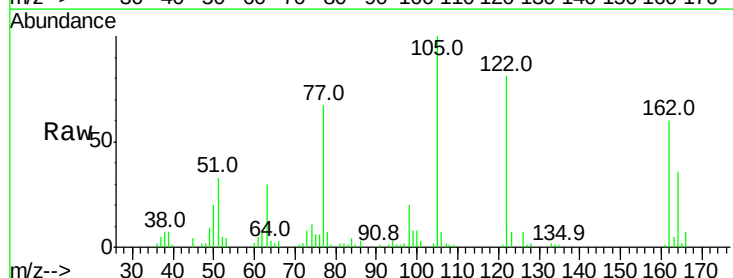
Instrument :
BNA_F
ClientSampled :

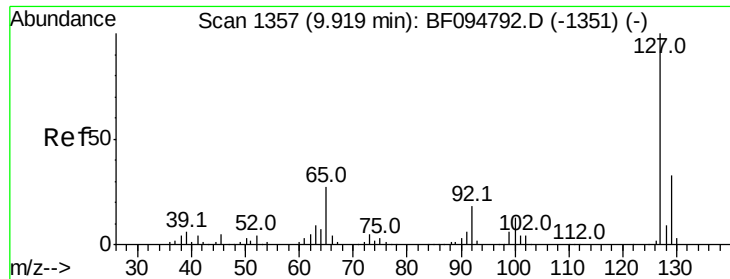
Tot Ion:128 Resp: 836817
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 32.16 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:122 Resp: 118334
Ion Ratio Lower Upper
122 100
105 124.2 103.3 143.3
77 83.7 73.7 113.7

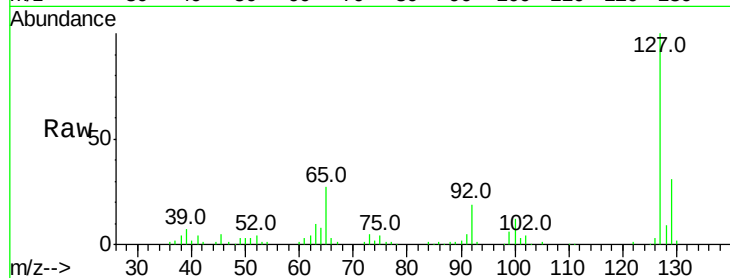




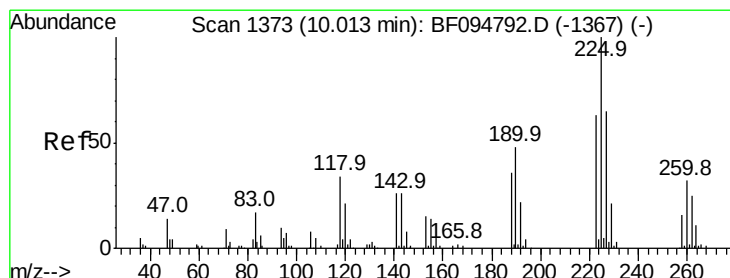
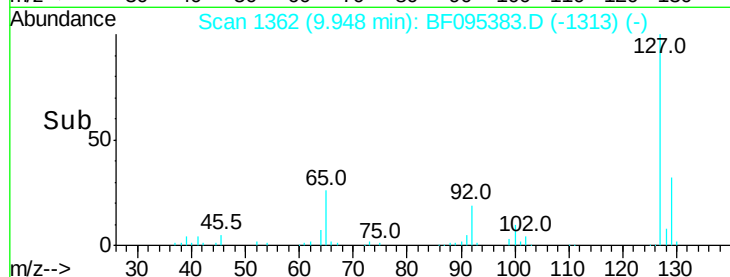
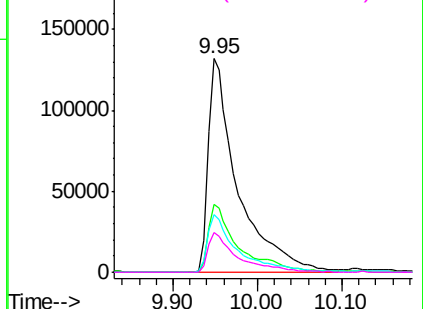
#33
4-Chloroaniline
Concen: 41.95 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	322449
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	27.2	27.8	41.8#
92	18.8	16.8	25.2

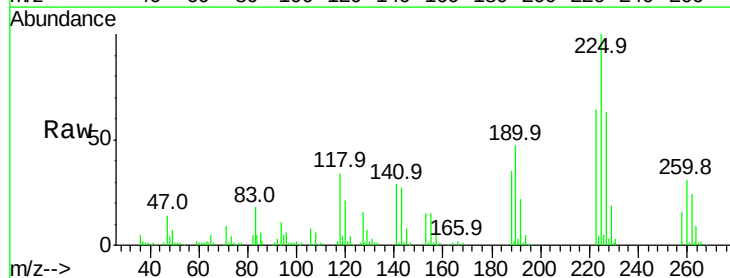


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

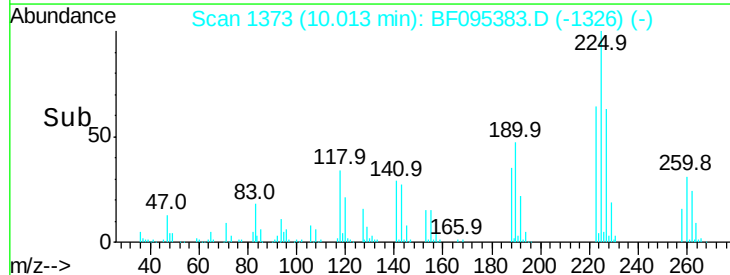
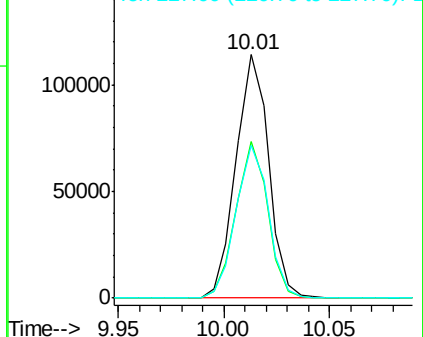


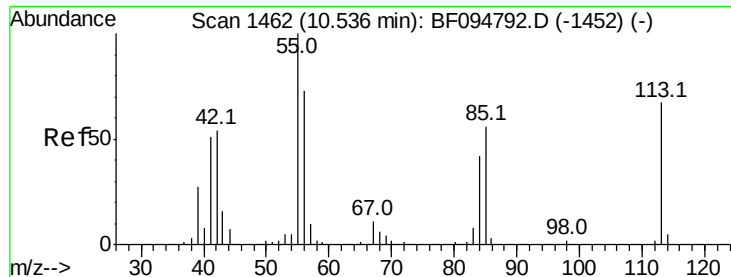
#34
Hexachlorobutadiene
Concen: 38.43 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:	225	Resp:	122084
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	63.0	51.1	76.7



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





#35

Caprolactam

Concen: 28.96 ng

RT: 10.58 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

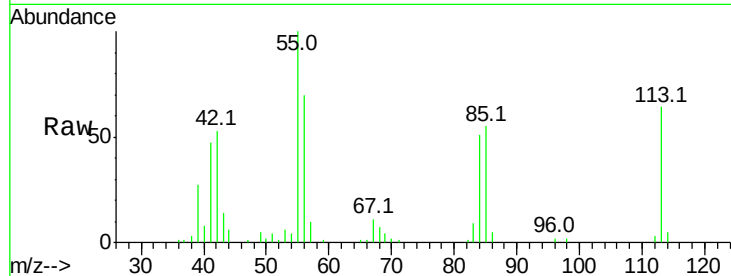
Tot Ion:113 Resp: 48871

Ion Ratio Lower Upper

113 100

55 156.2 150.2 190.2

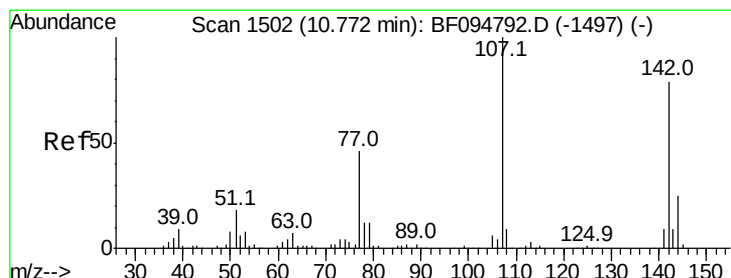
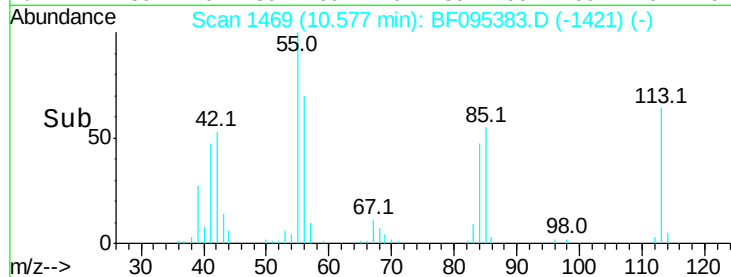
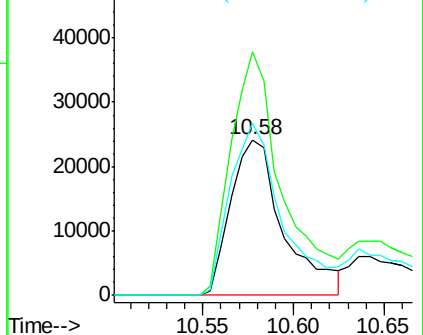
56 110.0 107.8 147.8



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: 41.67 ng

RT: 10.80 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

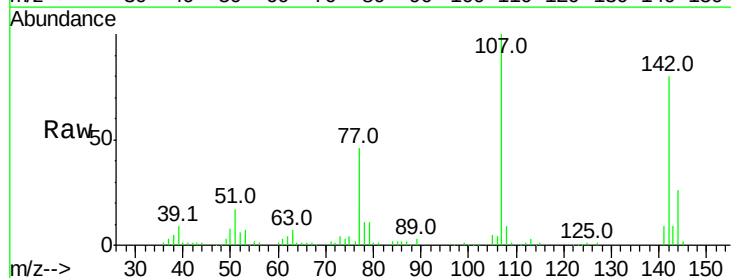
Tgt Ion:107 Resp: 250373

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

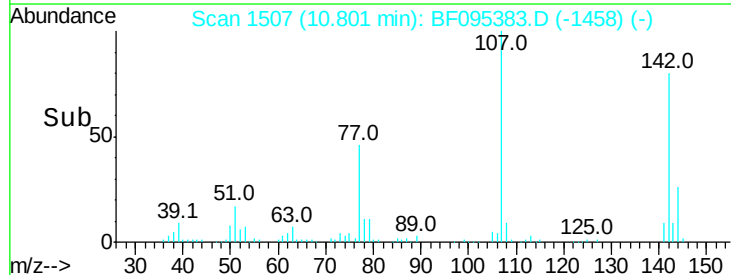
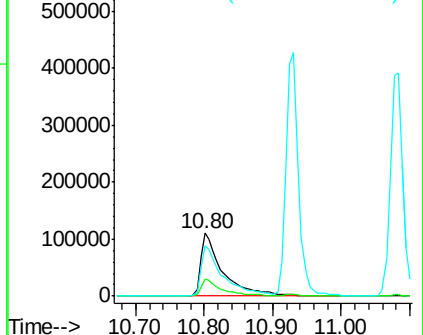
142 80.5 73.4 110.0

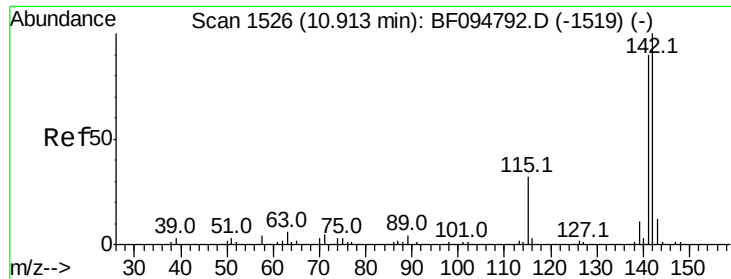


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

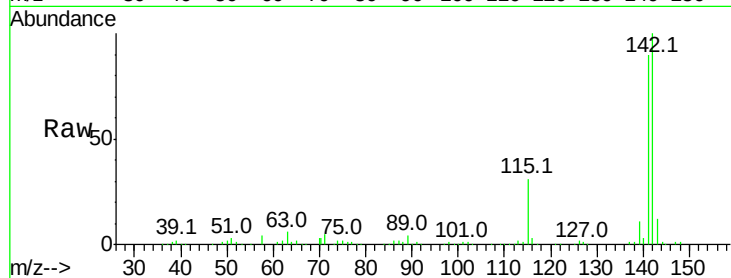




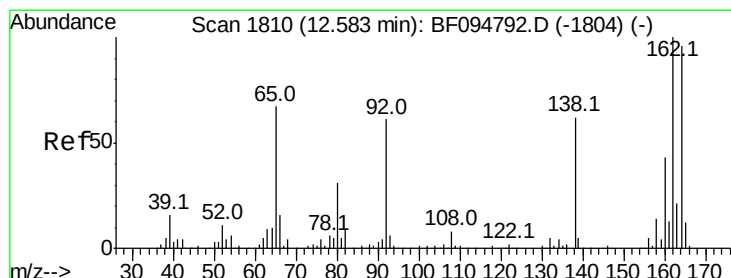
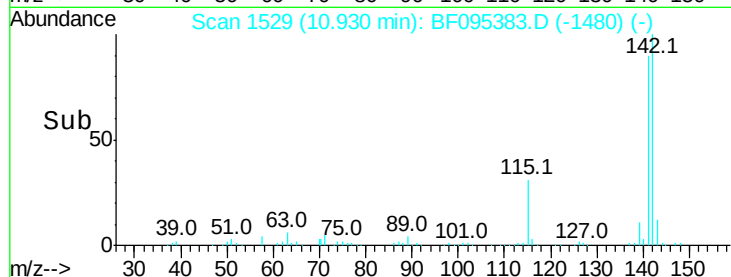
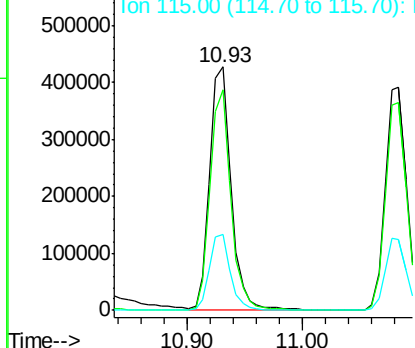
#37
 2-Methylnaphthalene
 Concen: 40.86 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 553118
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.3 106.9
 115 31.0 27.1 40.7

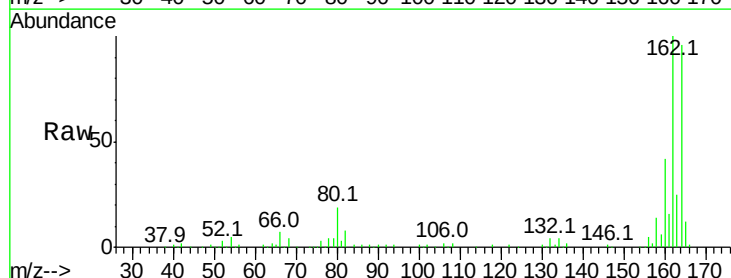


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

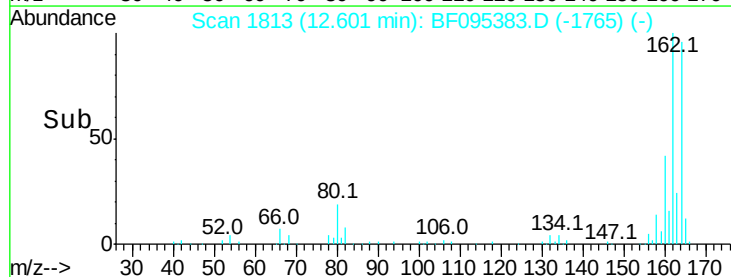
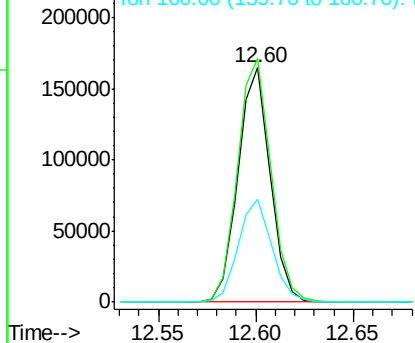


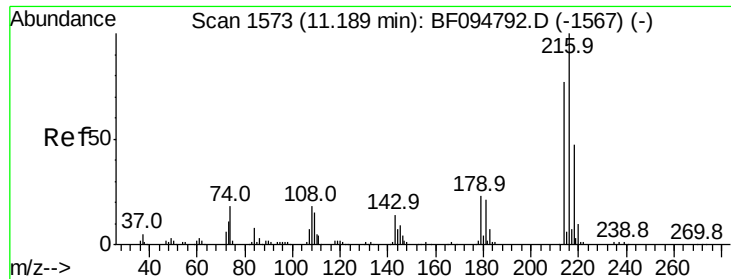
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:164 Resp: 187326
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 44.2 36.2 54.2



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

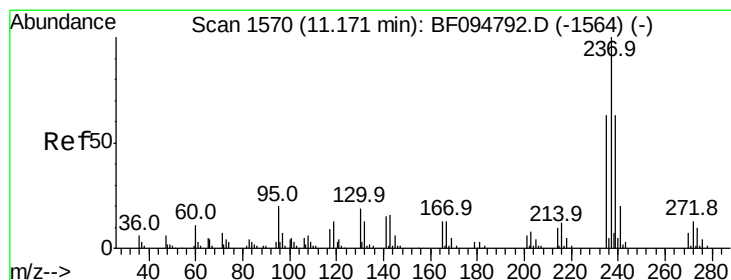
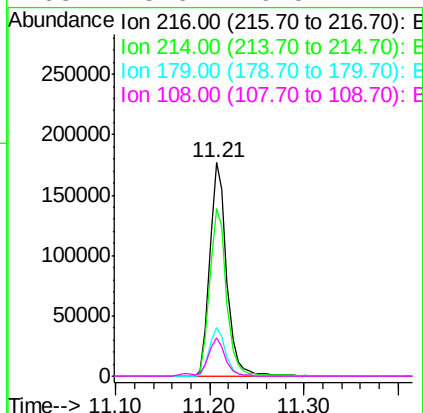
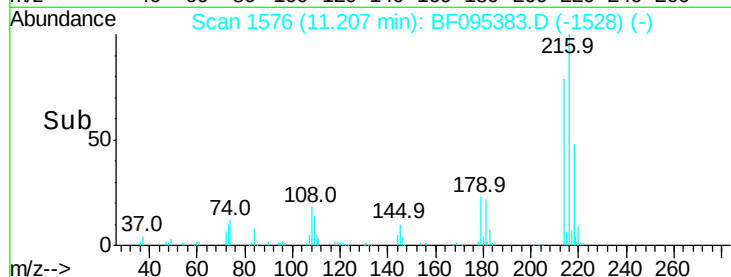
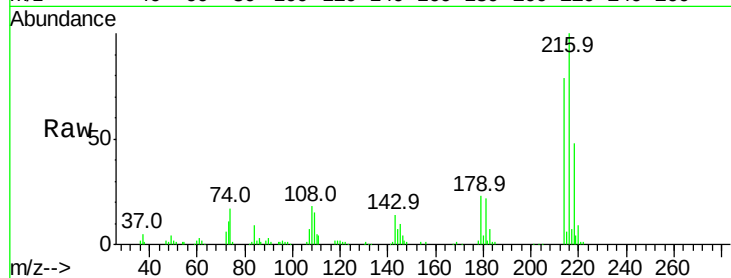




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

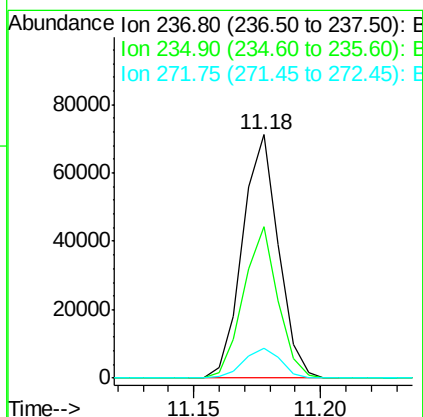
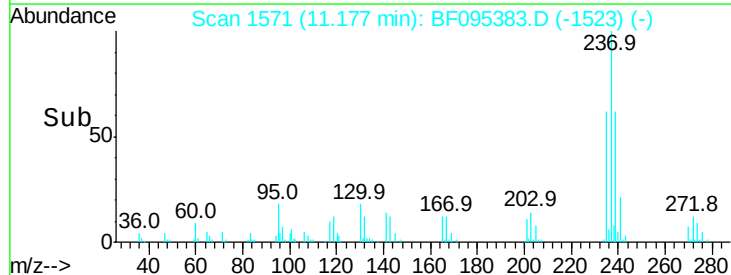
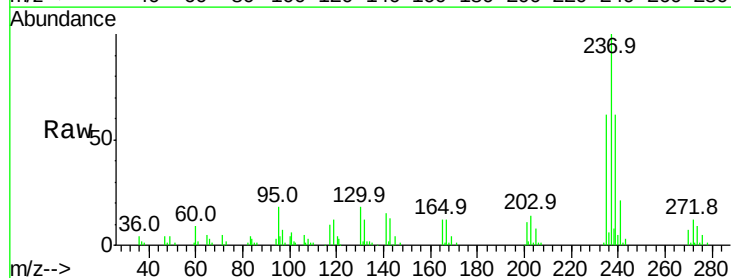
Instrument :
 BNA_F
 ClientSampled :

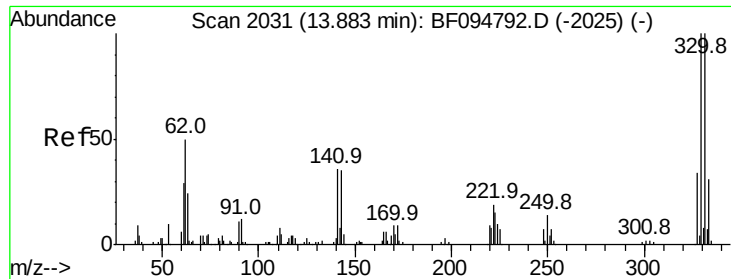
Tot Ion:	216	Resp:	224688
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.9	17.9	26.9
108	18.6	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 32.85 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:	237	Resp:	70206
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.6	82.6
272	12.1	0.0	31.9

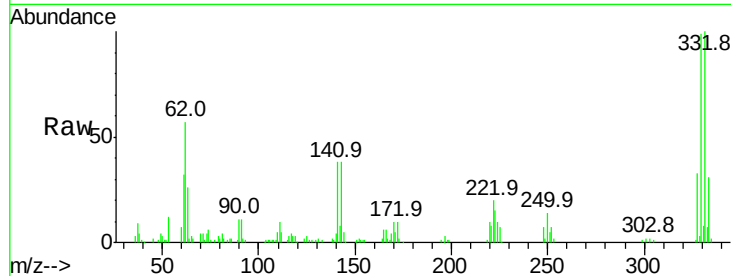




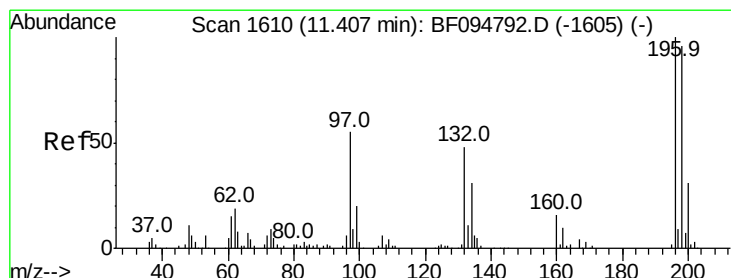
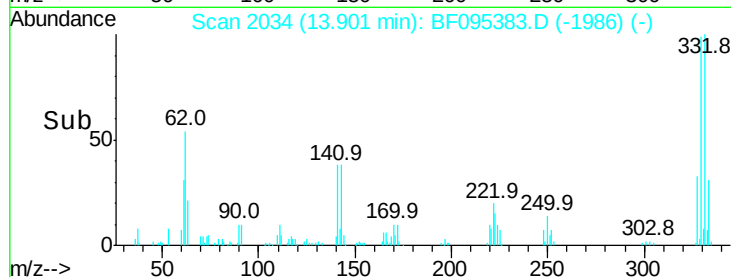
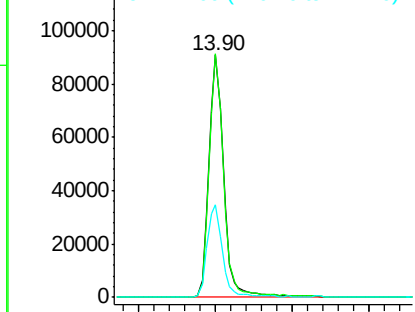
#41
 2,4,6-Tribromophenol
 Concen: 78.65 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 120661
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.3 31.4 47.2

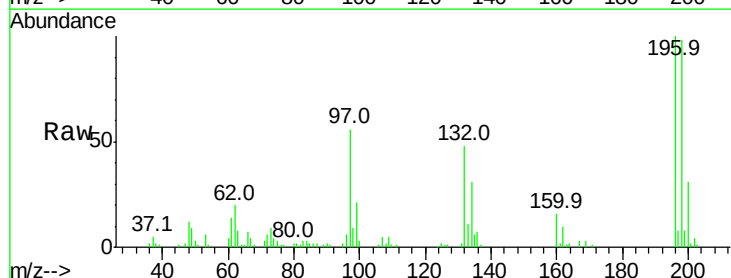


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

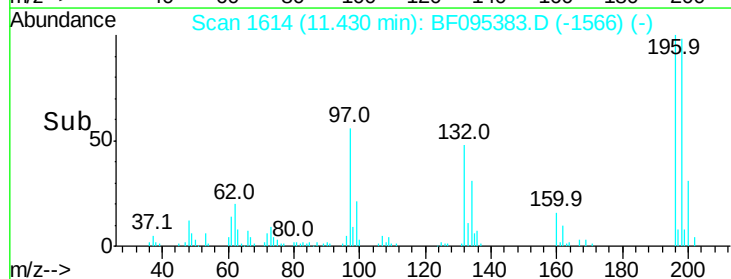
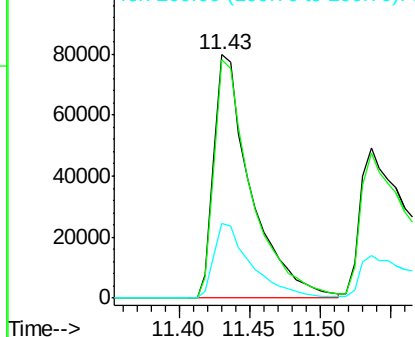


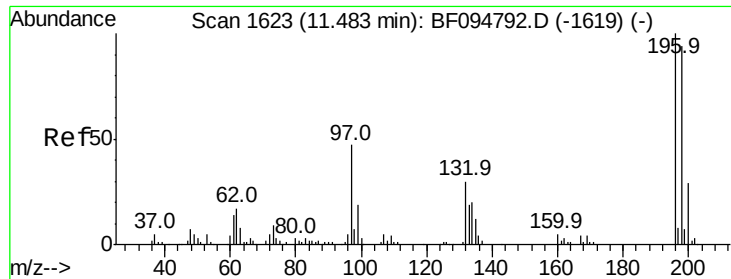
#42
 2,4,6-Trichlorophenol
 Concen: 38.26 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:196 Resp: 147149
 Ion Ratio Lower Upper
 196 100
 198 97.8 74.2 111.4
 200 30.8 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

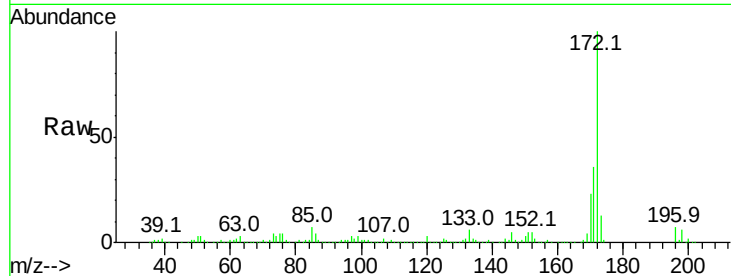




#43
 2,4,5-Trichlorophenol
 Concen: 35.35 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
97	49.1	47.7	71.5
132	37.0	28.0	42.0



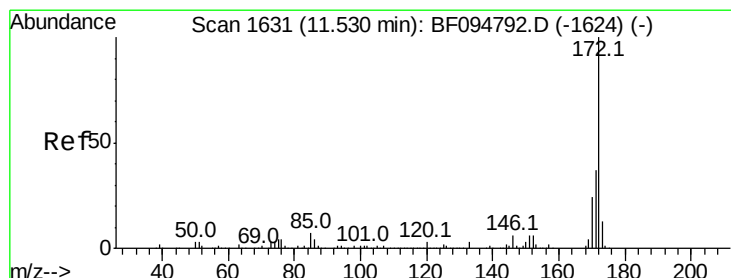
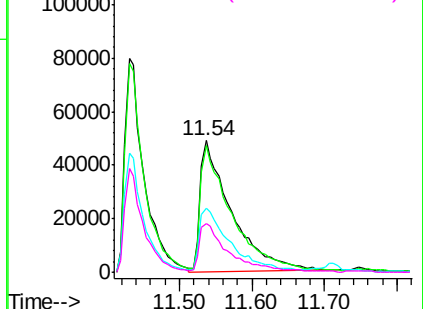
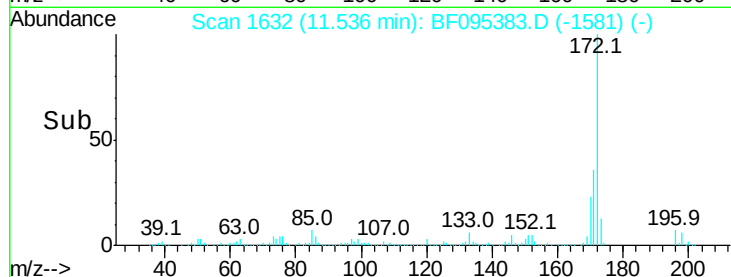
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

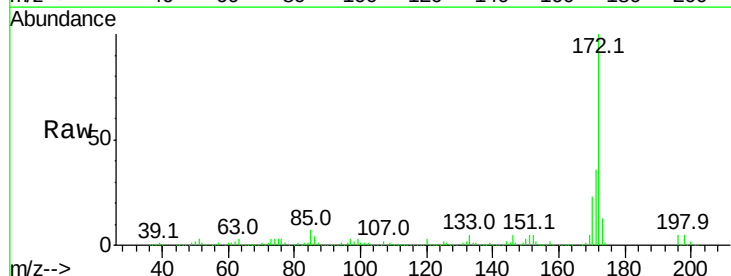
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.21 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.8	29.8

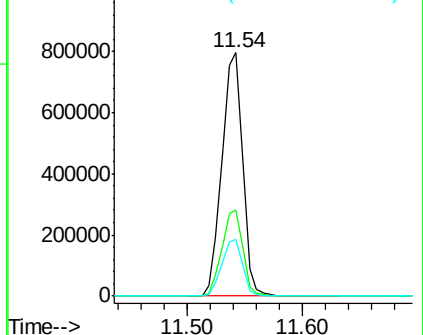
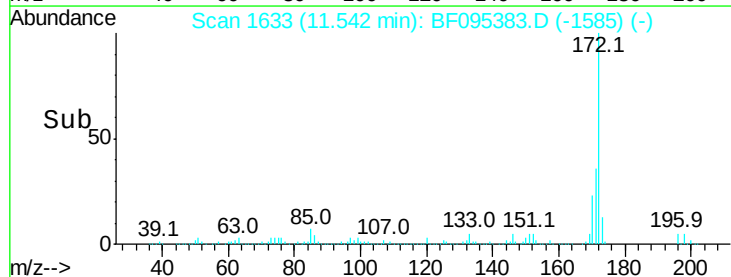


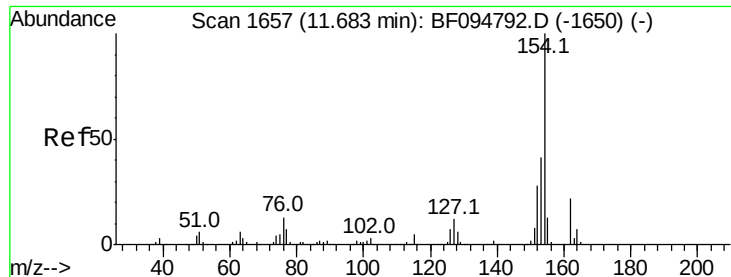
Abundance

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: 40.83 ng

RT: 11.70 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

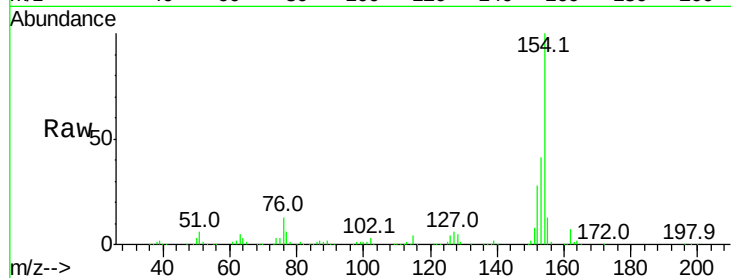
Tot Ion:154 Resp: 643924

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

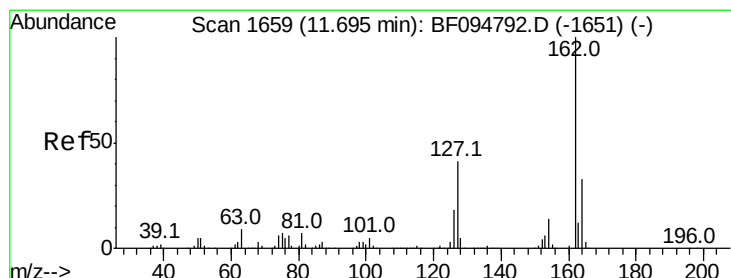
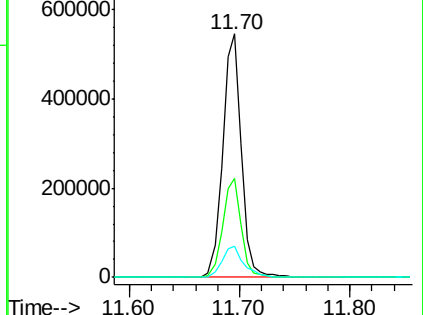
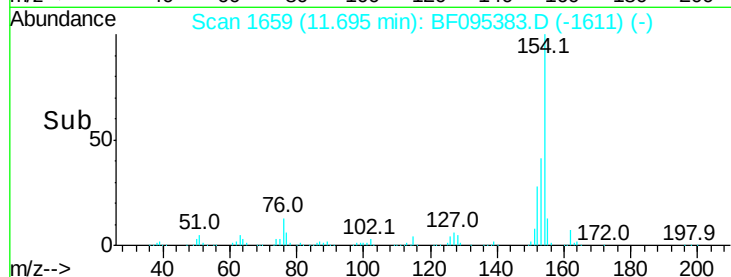
76 12.9 0.0 29.9



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: 40.32 ng

RT: 11.71 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

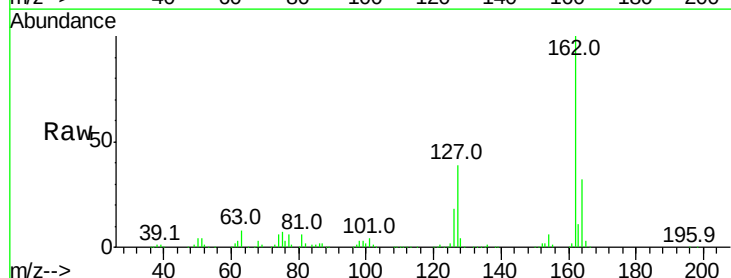
Tgt Ion:162 Resp: 513468

Ion Ratio Lower Upper

162 100

127 38.7 28.3 42.5

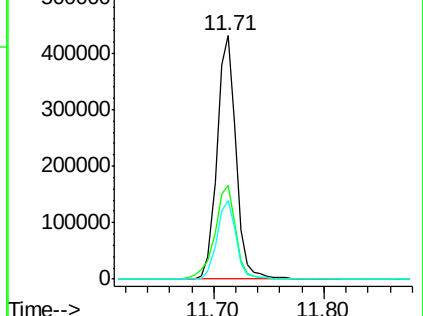
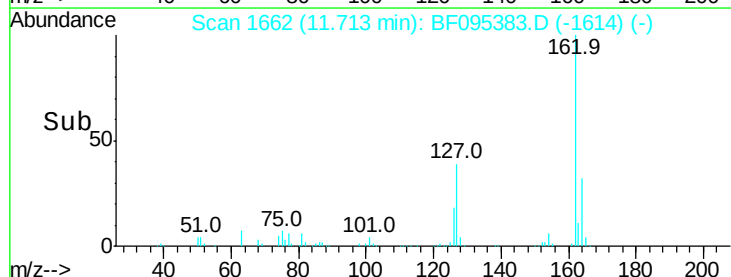
164 32.2 27.0 40.4

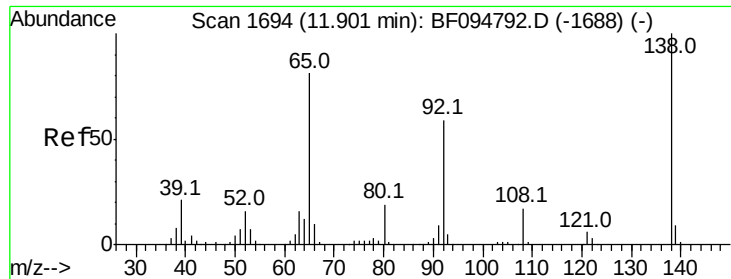


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

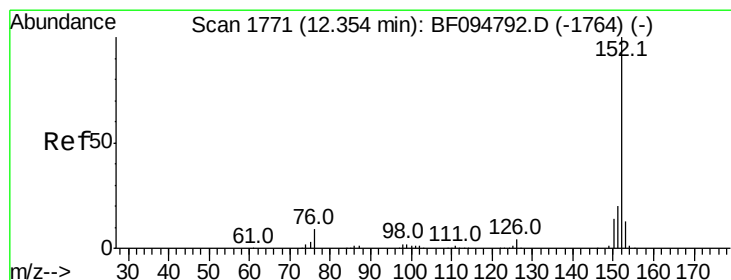
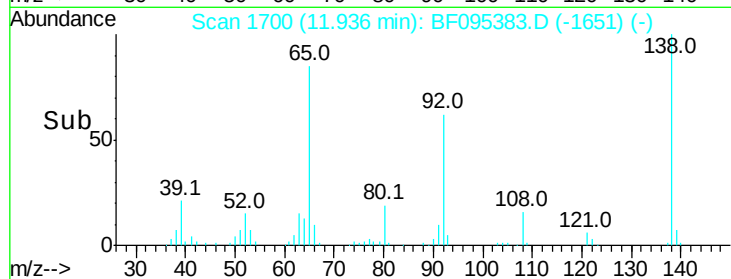
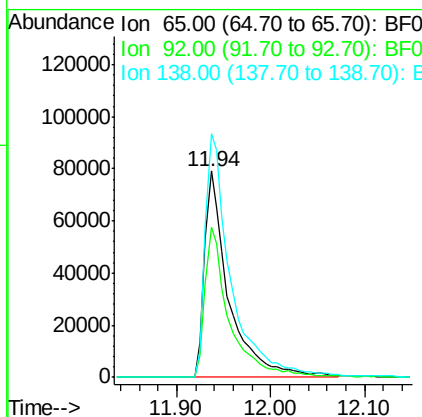
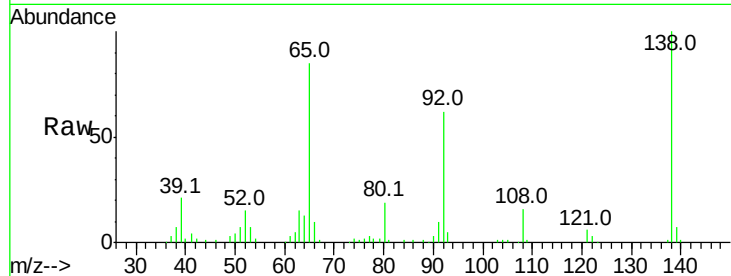




#47
 2-Nitroaniline
 Concen: 41.25 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

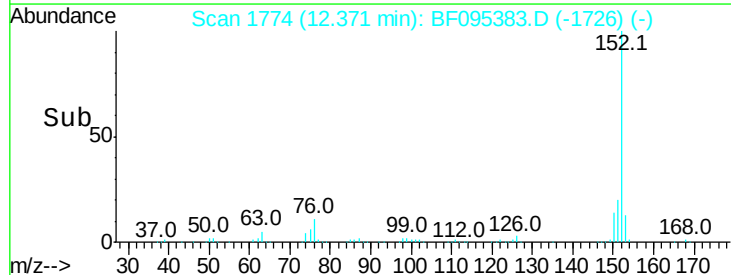
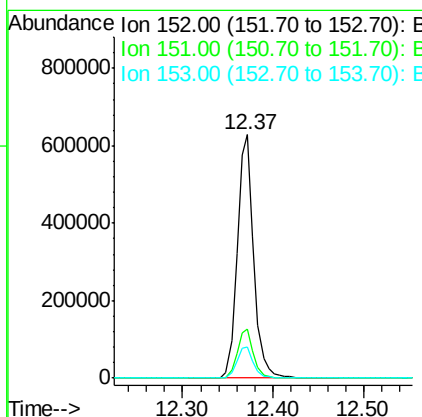
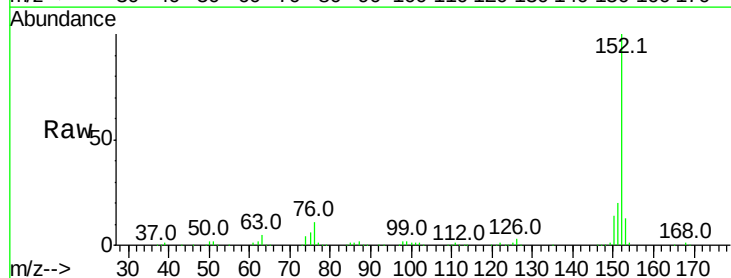
Instrument :
 BNA_F
 ClientSampleId :

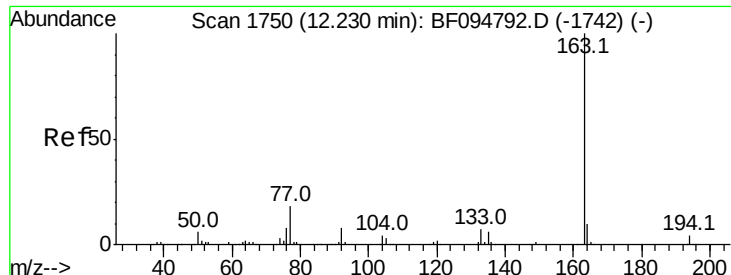
Tot Ion: 65 Resp: 143765
 Ion Ratio Lower Upper
 65 100
 92 72.6 53.9 80.9
 138 118.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.86 ng
 RT: 12.37 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion: 152 Resp: 795147
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 38.41 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

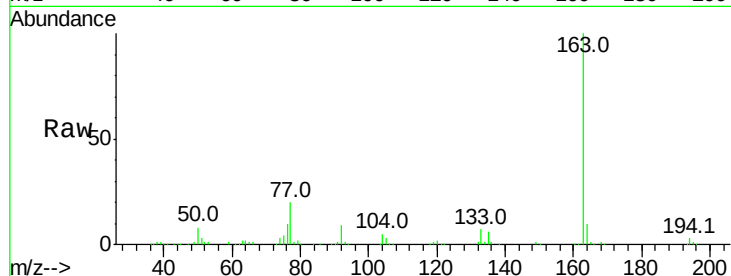
Tot Ion:163 Resp: 590654

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

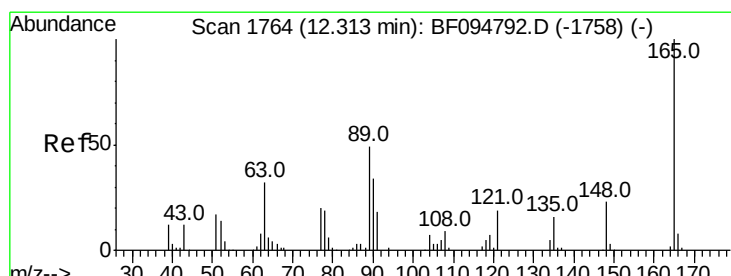
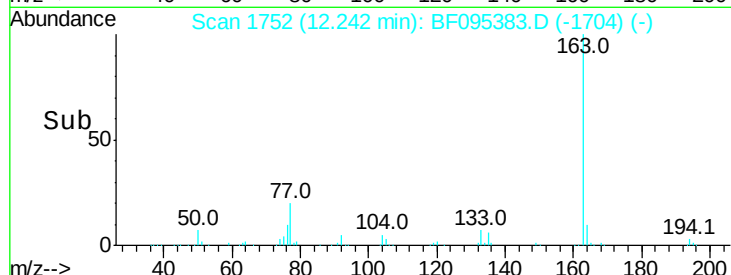
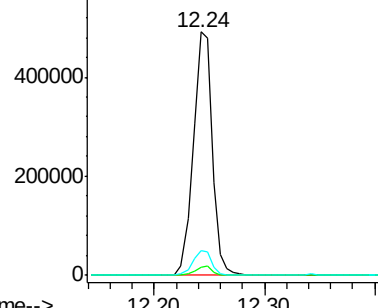
164 10.3 8.4 12.6



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: 40.06 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

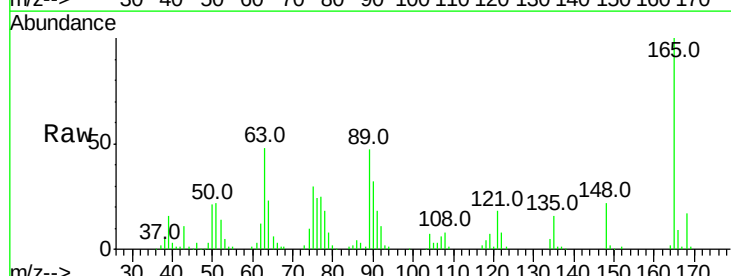
Tgt Ion:165 Resp: 125680

Ion Ratio Lower Upper

165 100

63 48.0 34.3 51.5

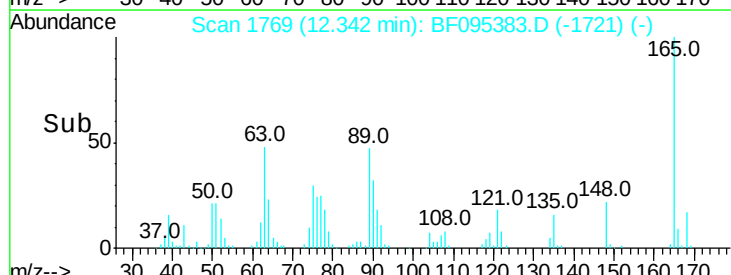
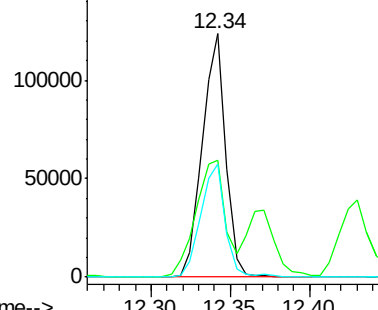
89 46.7 37.1 55.7

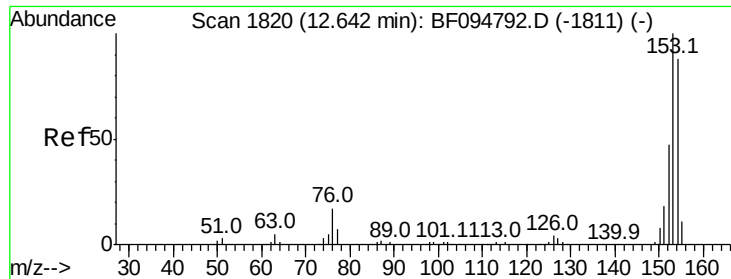


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.42 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

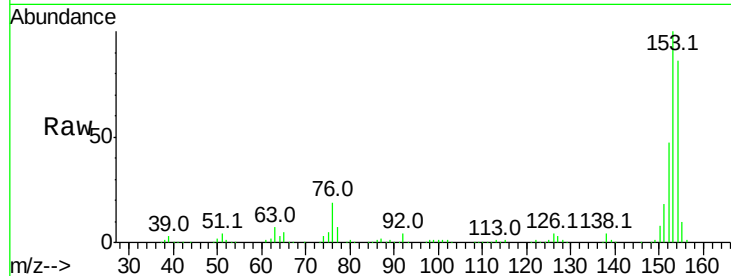
Tot Ion:154 Resp: 457691

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

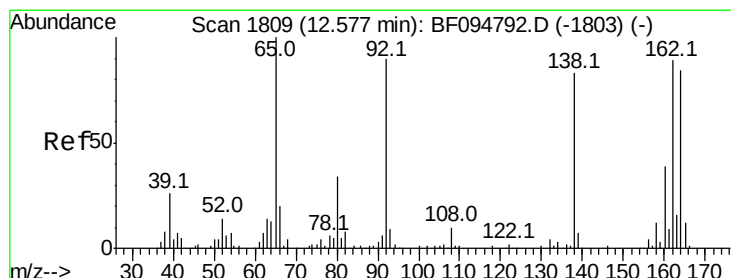
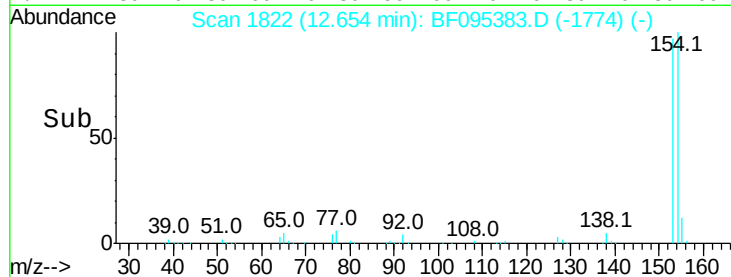
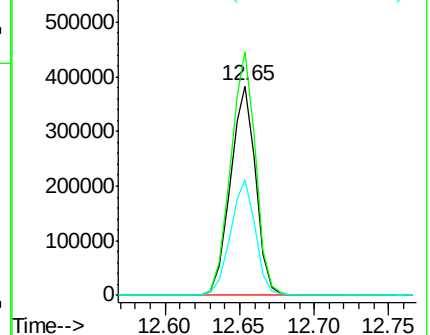
152 55.0 43.6 65.4



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: 41.11 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

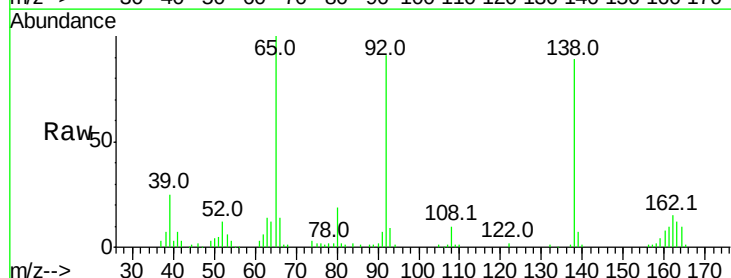
Tgt Ion:138 Resp: 138421

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

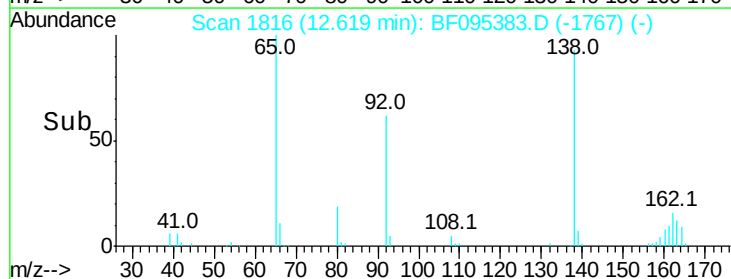
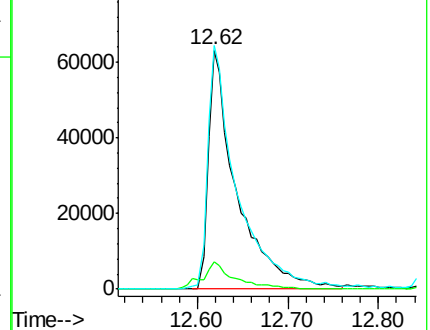
92 102.0 93.8 140.6

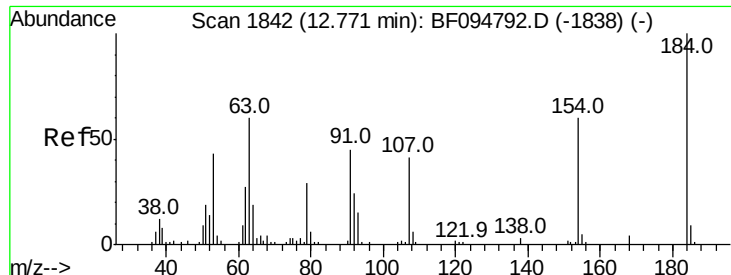


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

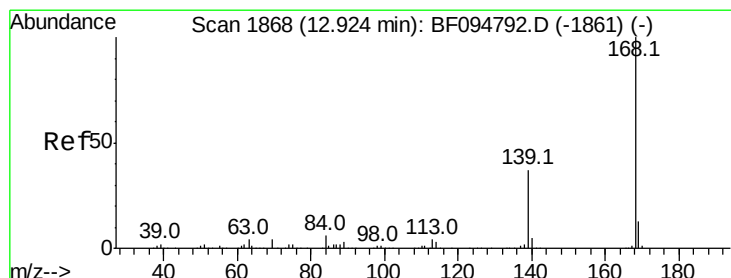
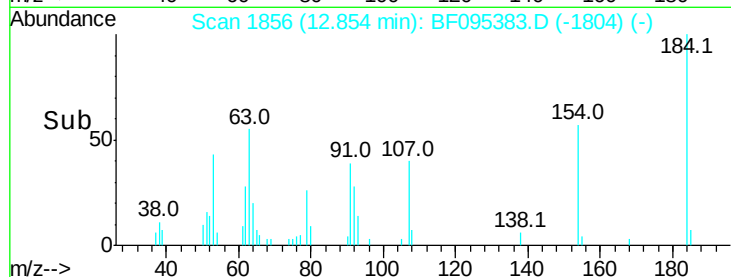
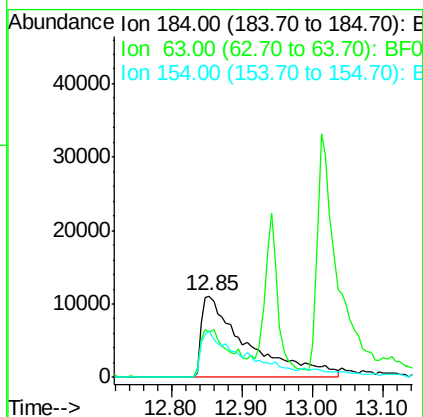
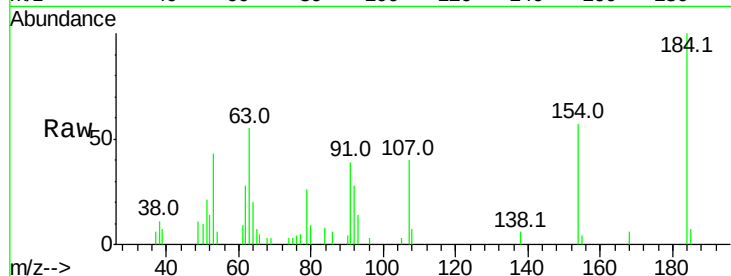




#53
 2,4-Dinitrophenol
 Concen: 32.94 ng
 RT: 12.85 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

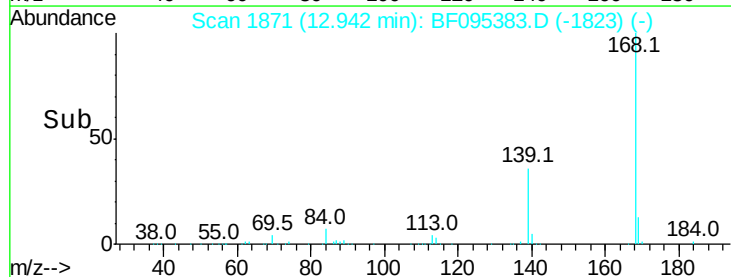
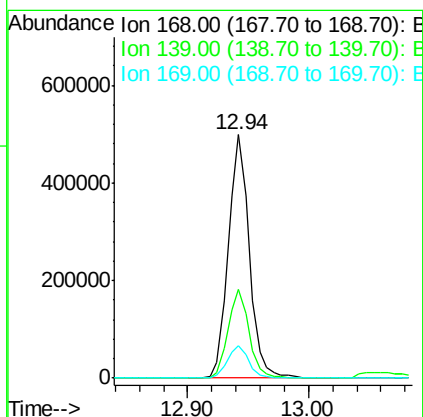
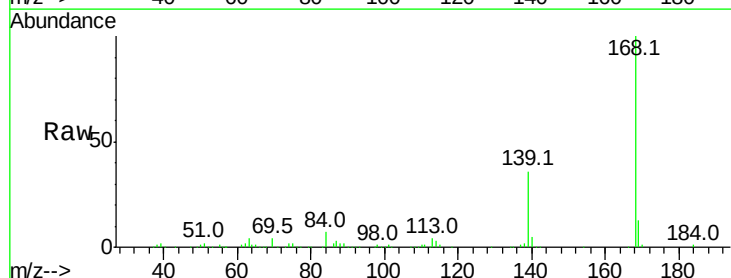
Instrument :
 BNA_F
 ClientSampleId :

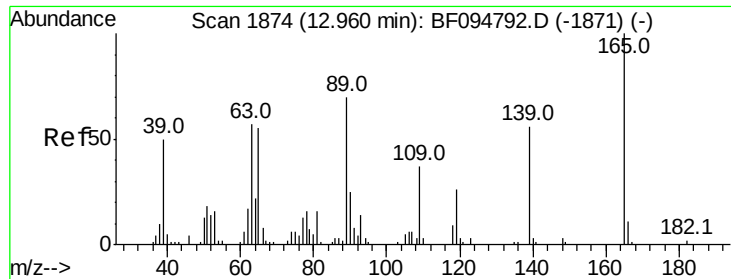
Tot Ion:184 Resp: 50029
 Ion Ratio Lower Upper
 184 100
 63 55.2 62.7 94.1#
 154 57.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 36.52 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:168 Resp: 602162
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.5 10.8 16.2

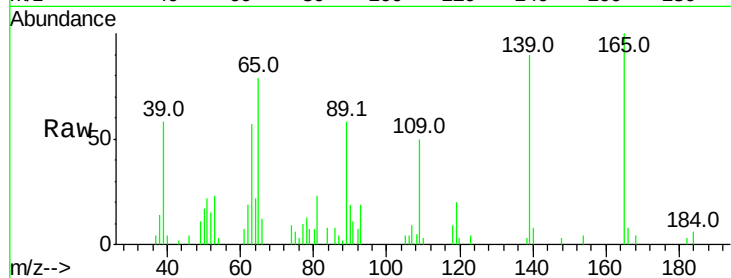




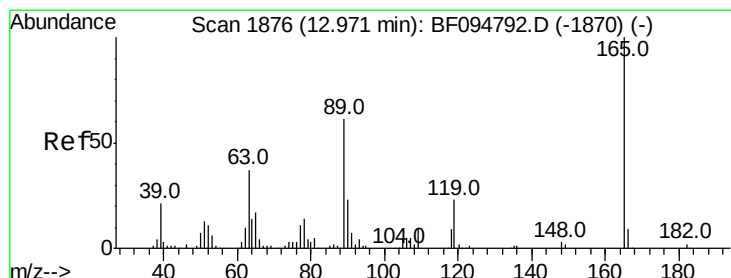
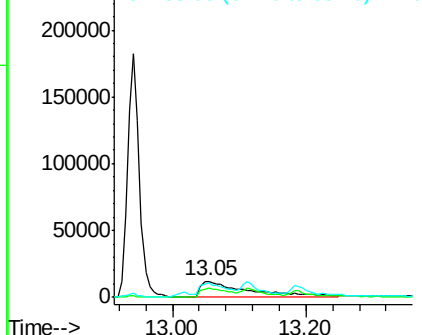
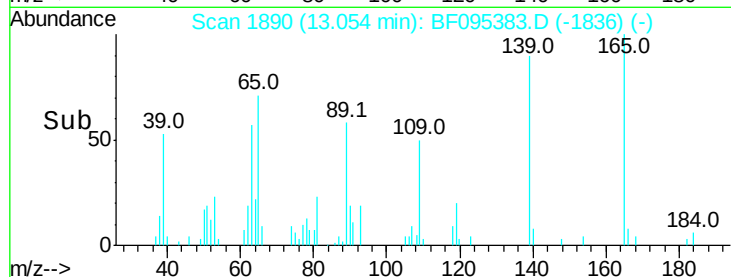
#55
 4-Nitrophenol
 Concen: 28.27 ng
 RT: 13.05 min Scan# 1890
 Delta R.T. 0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:139 Resp: 57180
 Ion Ratio Lower Upper
 139 100
 109 55.8 34.1 74.1
 65 87.7 31.4 71.4#

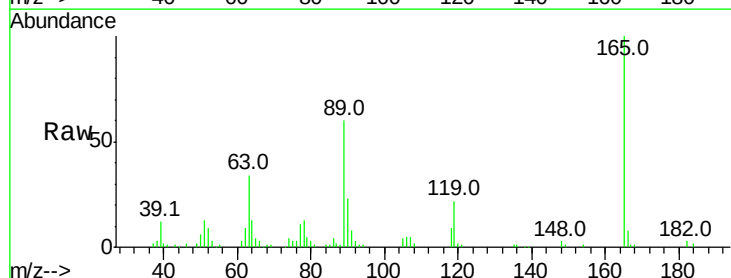


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

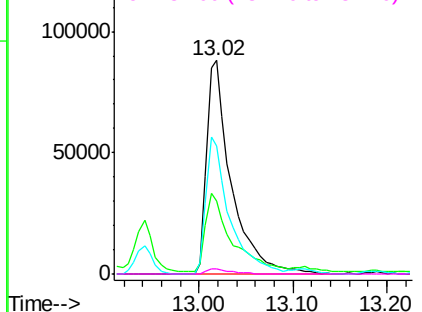
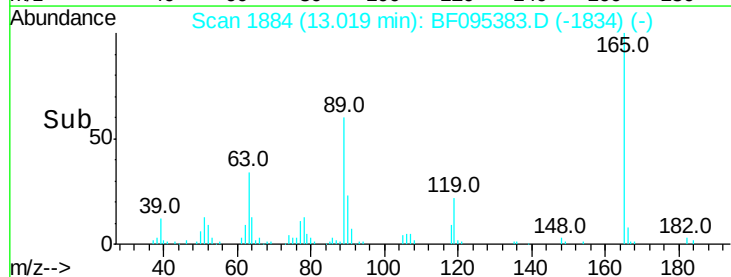


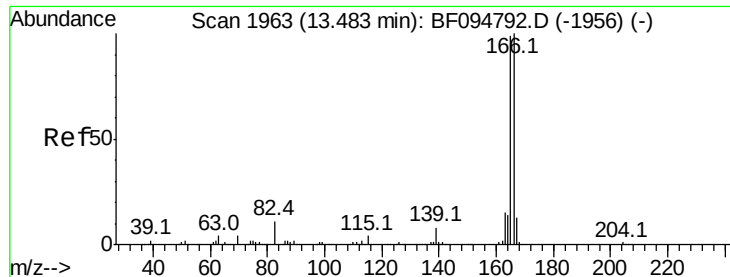
#56
 2,4-Dinitrotoluene
 Concen: 40.14 ng
 RT: 13.02 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:165 Resp: 161830
 Ion Ratio Lower Upper
 165 100
 63 34.2 25.4 38.0
 89 59.8 46.4 69.6
 182 2.5 1.8 2.6



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
 Ion 182.00 (181.70 to 182.70): E

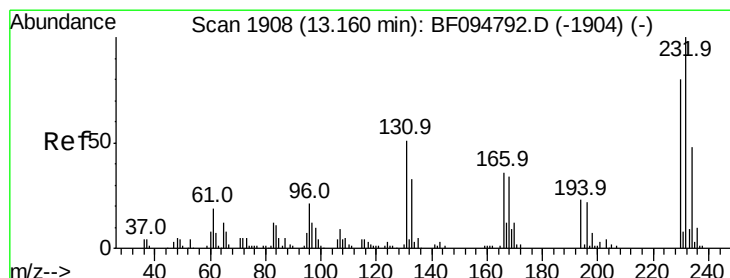
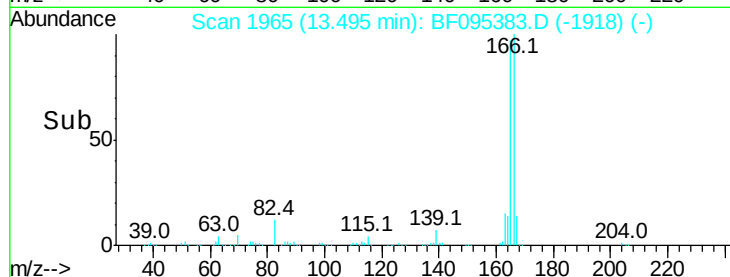
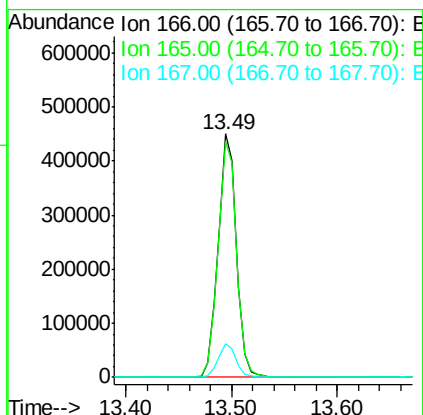
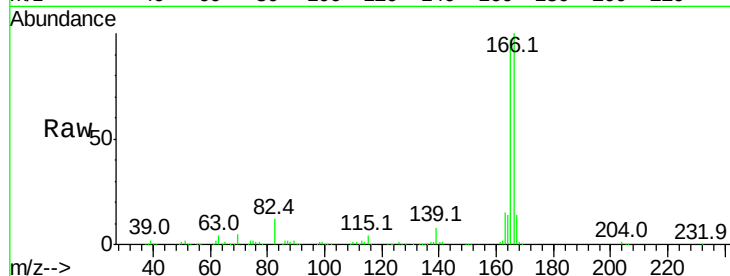




#57
 Fluorene
 Concen: 38.36 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

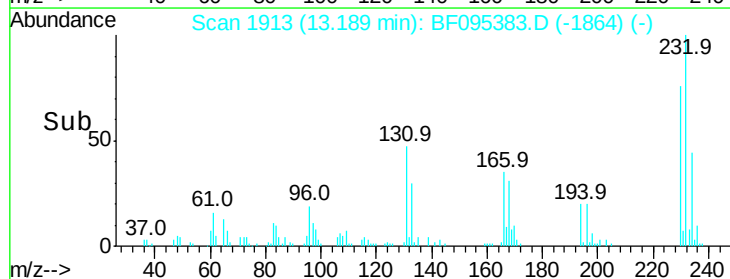
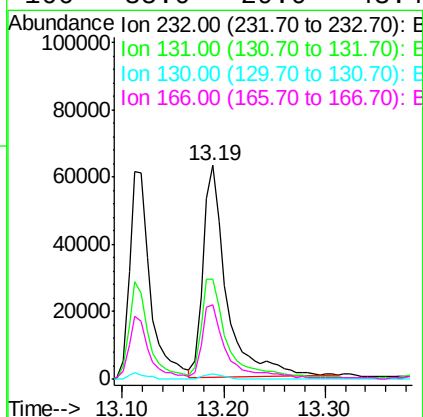
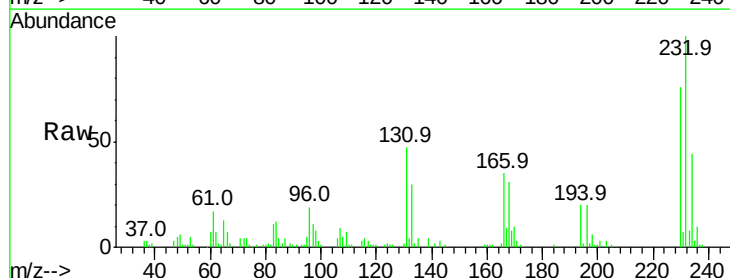
Instrument :
 BNA_F
 ClientSampleId :

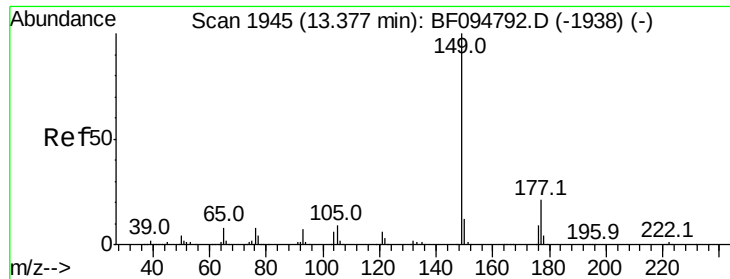
Tot Ion:166 Resp: 549981
 Ion Ratio Lower Upper
 166 100
 165 96.9 78.8 118.2
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.82 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:232 Resp: 100989
 Ion Ratio Lower Upper
 232 100
 131 55.0 44.8 67.2
 130 2.0 2.3 3.5#
 166 35.0 29.0 43.4

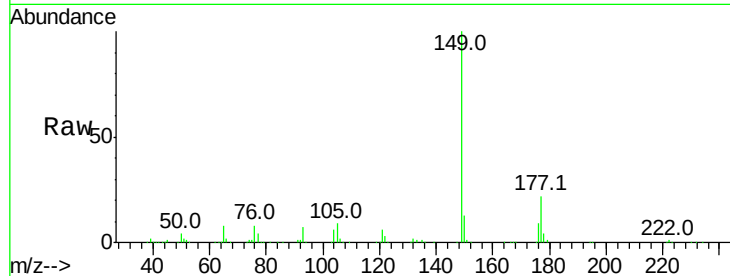




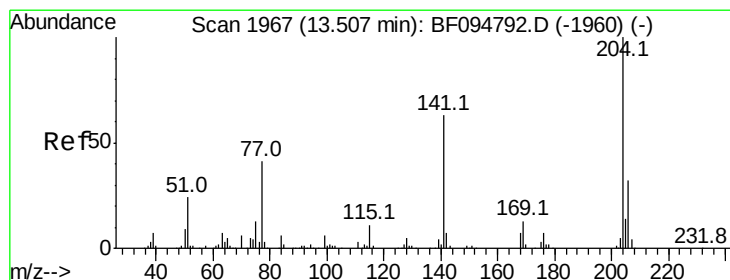
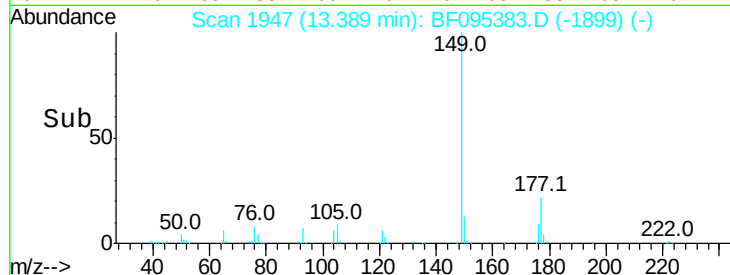
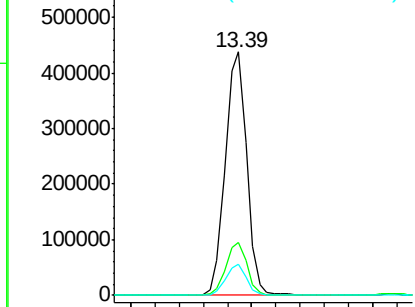
#59
Diethylphthalate
Concen: 36.63 ng
RT: 13.39 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.6	10.2	15.2

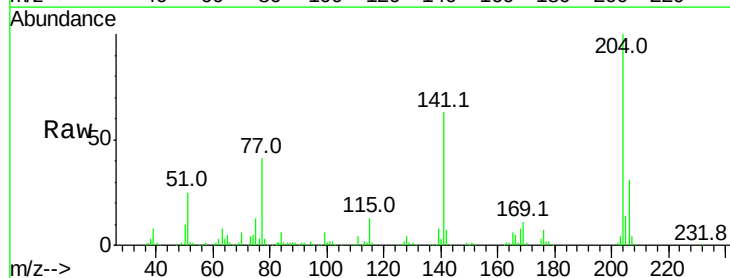


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

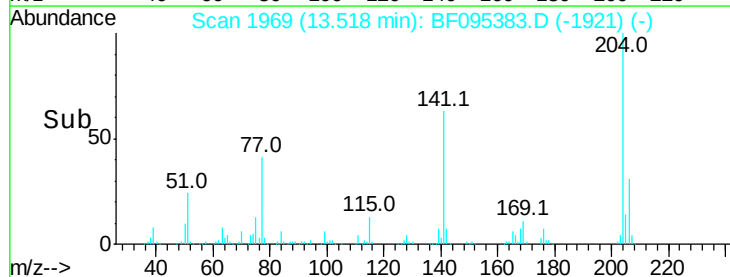
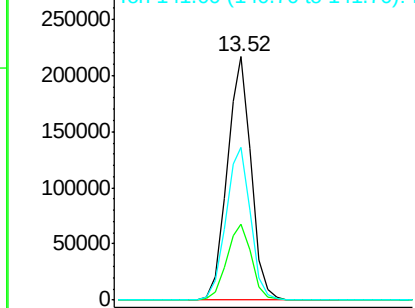


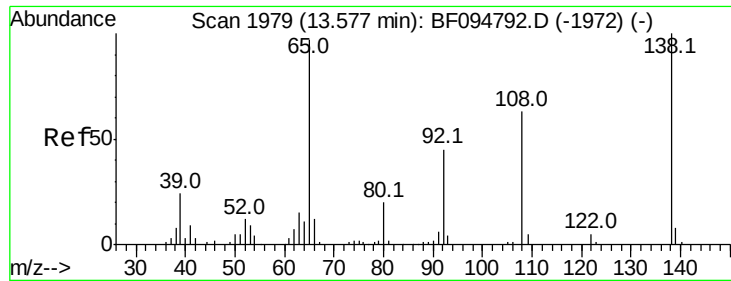
#60
4-Chlorophenyl-phenylether
Concen: 38.86 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.2	39.2
141	62.7	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

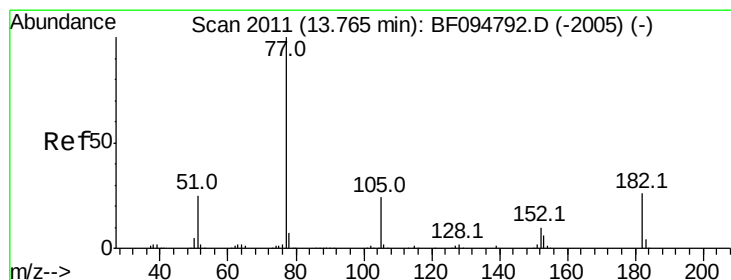
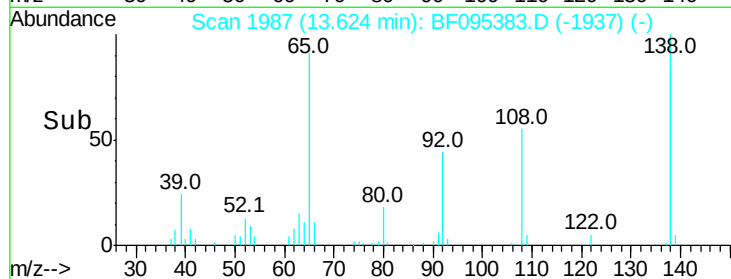
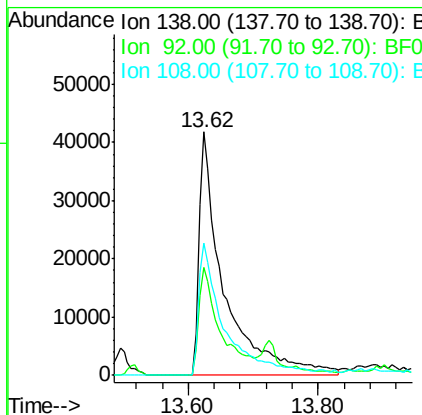
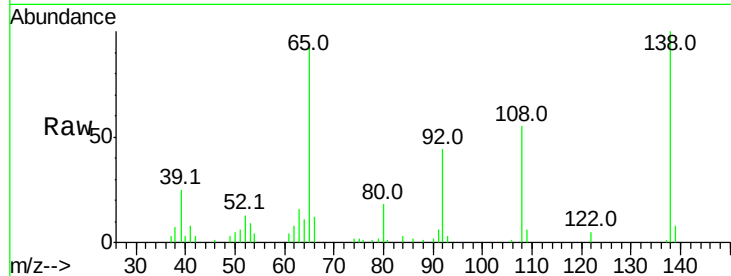




#61
4-Nitroaniline
Concen: 35.78 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

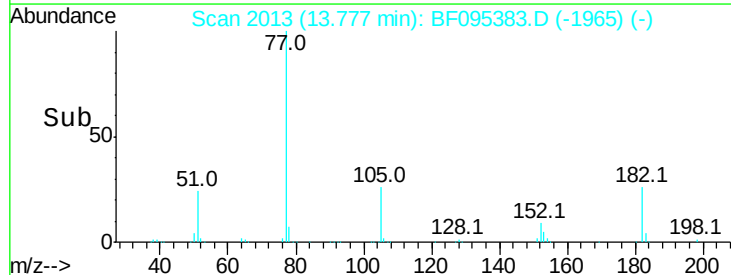
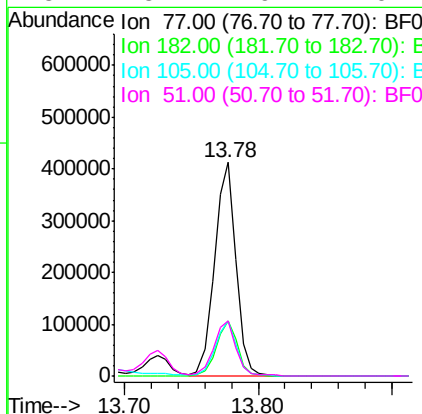
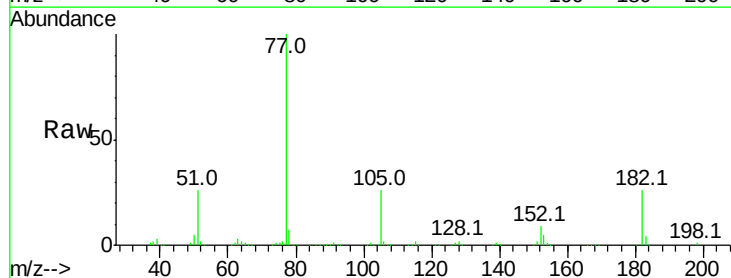
Instrument :
BNA_F
ClientSampleId :

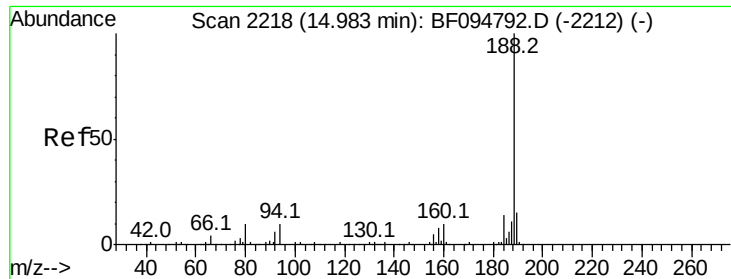
Tot Ion:138 Resp: 110595
Ion Ratio Lower Upper
138 100
92 44.4 21.8 61.8
108 54.6 42.3 82.3



#62
Azobenzene
Concen: 39.23 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion: 77 Resp: 464676
Ion Ratio Lower Upper
77 100
182 25.9 0.1 40.1
105 25.8 3.6 43.6
51 25.7 9.4 49.4

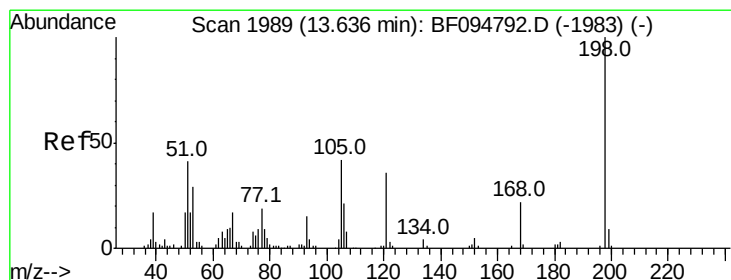
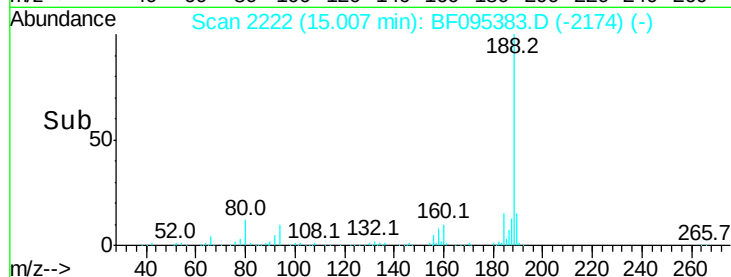
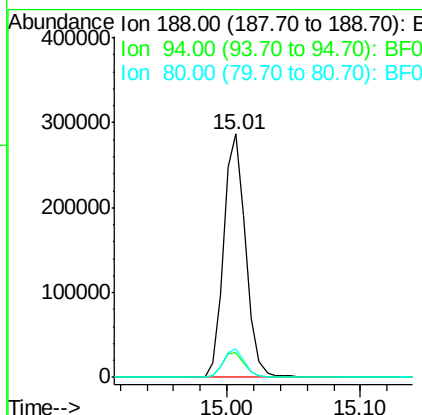
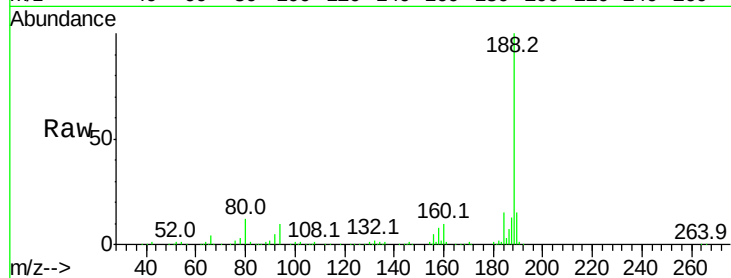




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

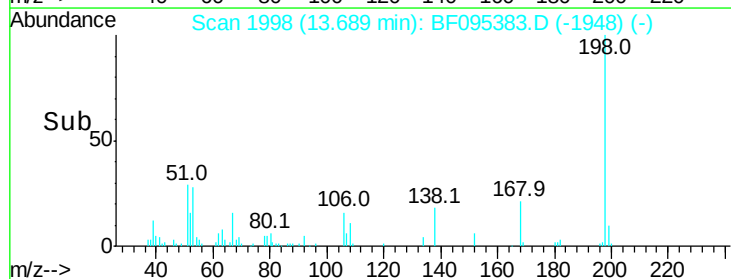
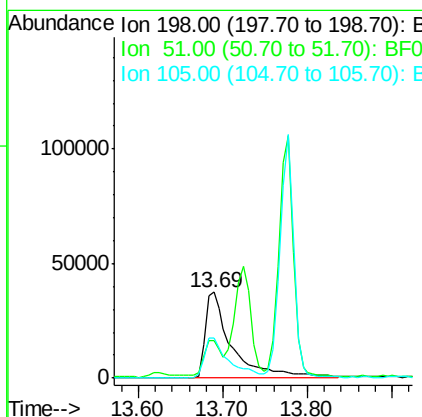
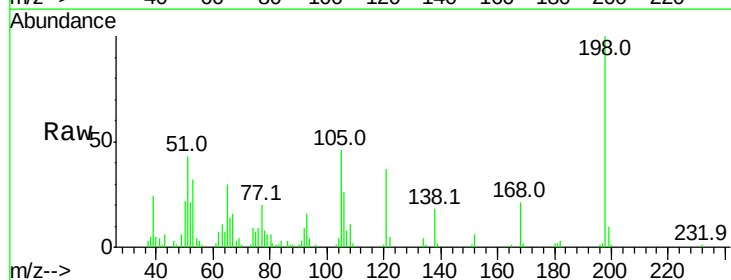
Instrument :
BNA_F
ClientSampleId :

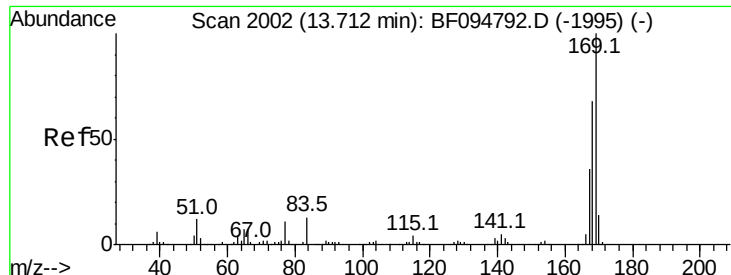
Tot Ion:188 Resp: 333030
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 37.35 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:198 Resp: 83382
Ion Ratio Lower Upper
198 100
51 43.2 53.2 93.2#
105 46.1 45.8 85.8

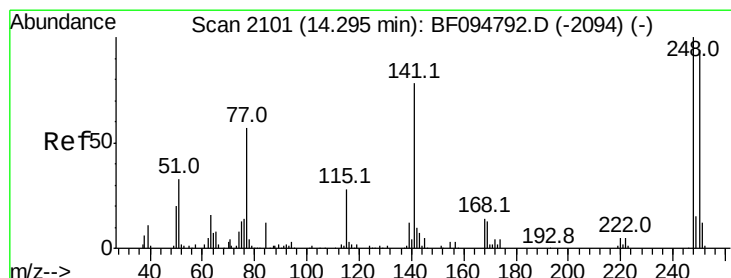
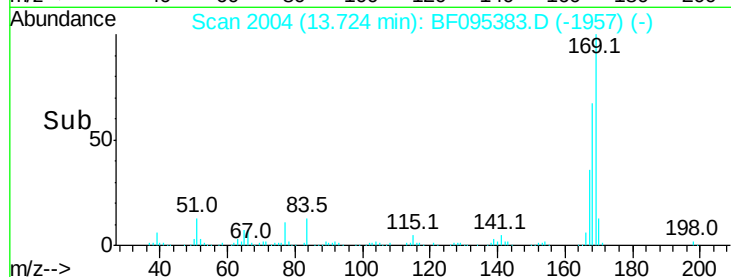
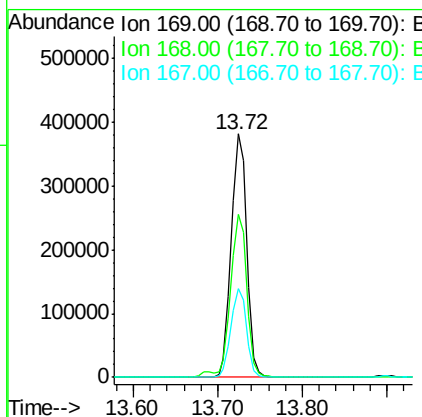
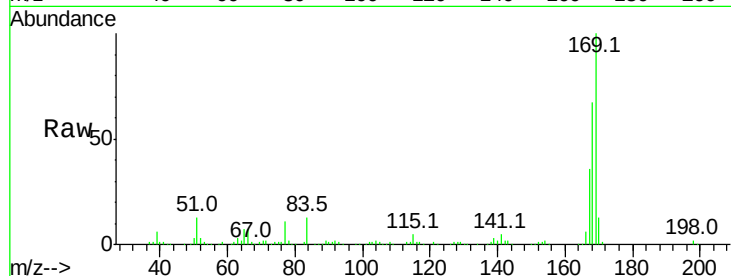




#65
n-Nitrosodiphenylamine
Concen: 39.66 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

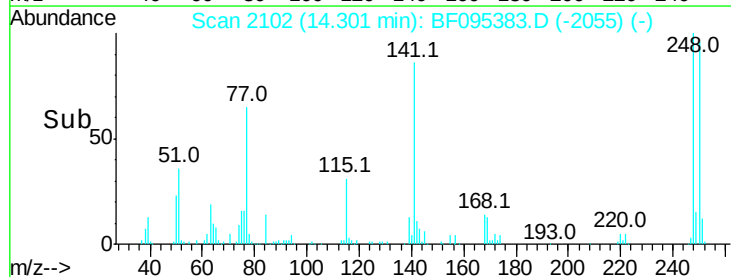
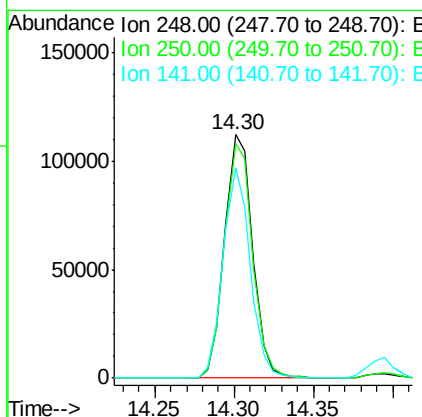
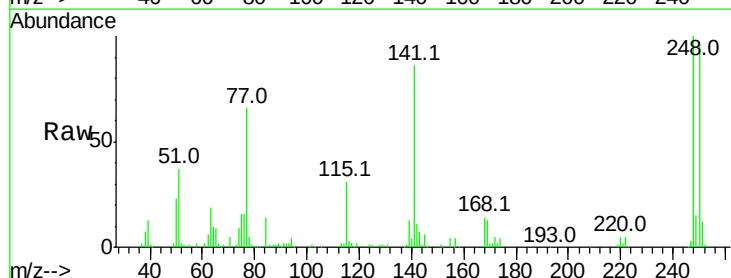
Instrument :
BNA_F
ClientSampleId :

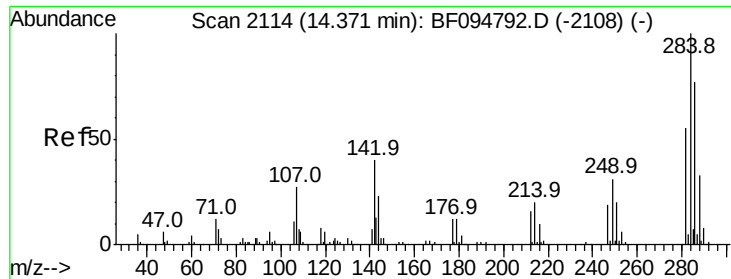
Tot Ion:169 Resp: 479369
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.2 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.25 ng
RT: 14.30 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:248 Resp: 138088
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 86.3 68.6 103.0

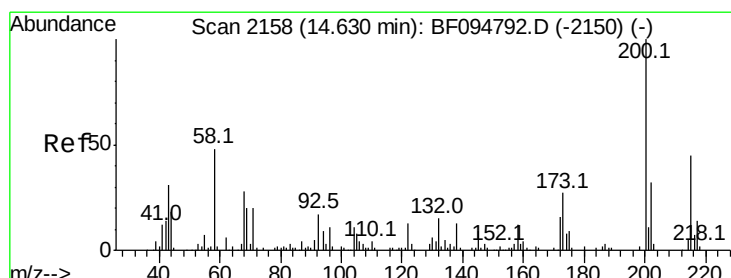
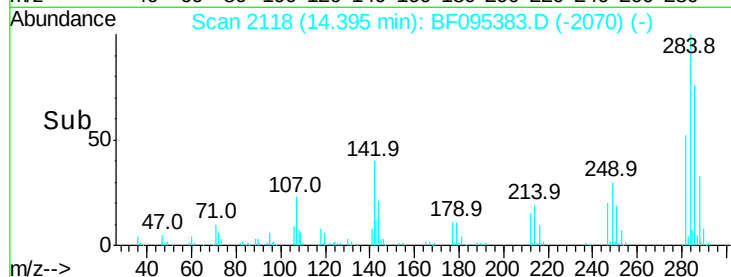
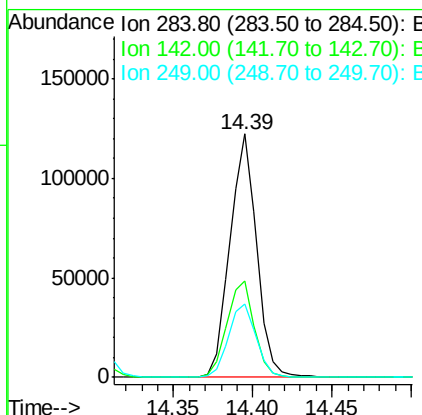
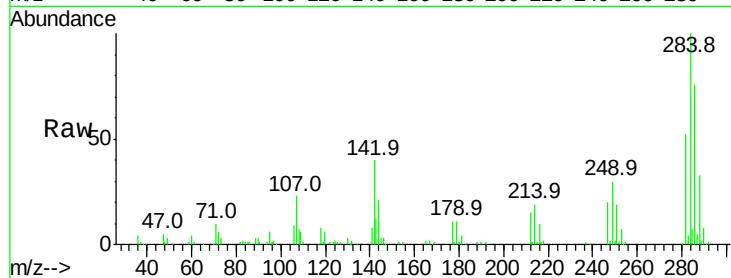




#67
Hexachlorobenzene
Concen: 39.53 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

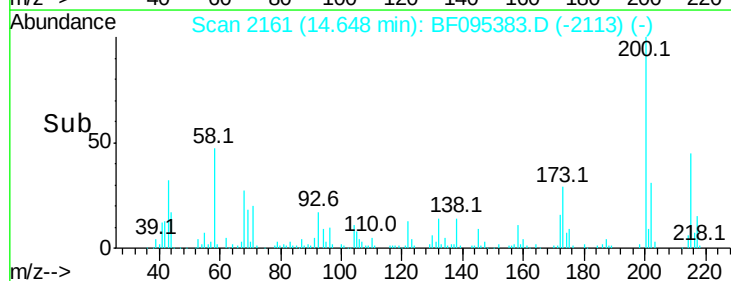
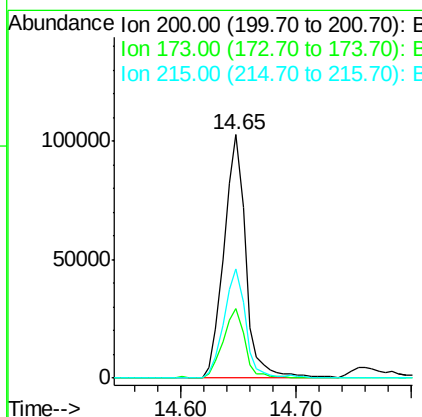
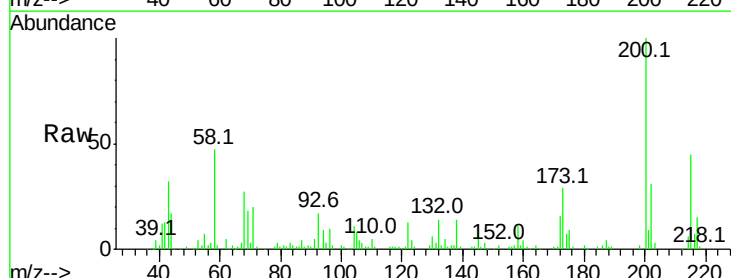
Instrument :
BNA_F
ClientSampleId :

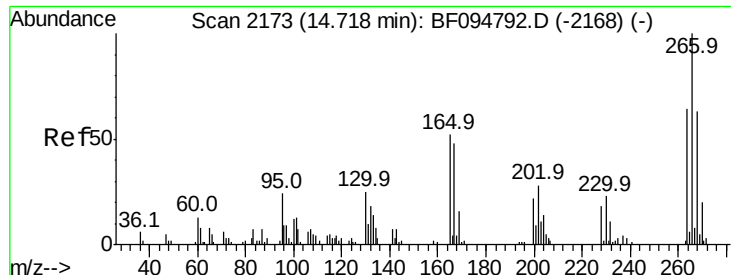
Tot Ion:284 Resp: 142522
Ion Ratio Lower Upper
284 100
142 39.8 22.8 34.2#
249 30.2 24.0 36.0



#68
Atrazine
Concen: 39.64 ng
RT: 14.65 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:200 Resp: 135267
Ion Ratio Lower Upper
200 100
173 28.8 6.3 46.3
215 44.6 27.2 67.2

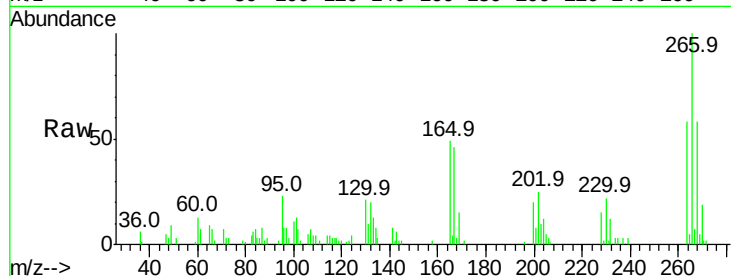




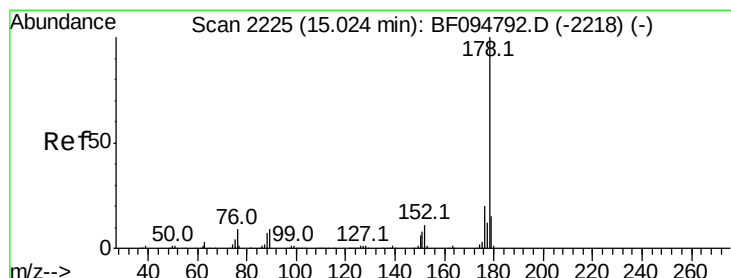
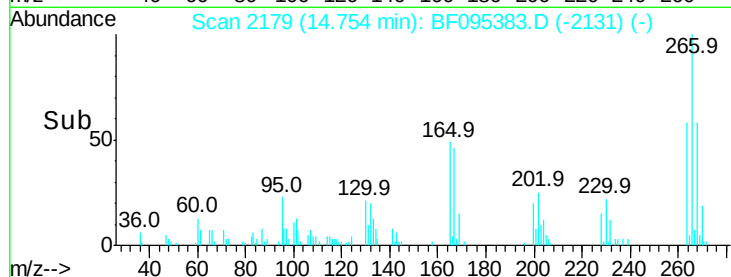
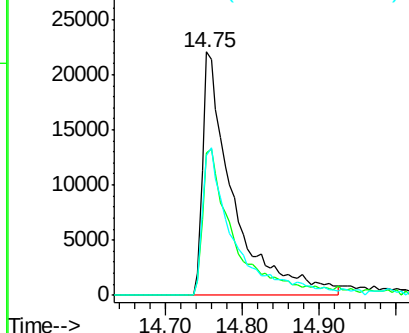
#69
 Pentachlorophenol
 Concen: 40.53 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 60994
 Ion Ratio Lower Upper
 266 100
 268 58.3 51.1 76.7
 264 57.7 51.7 77.5

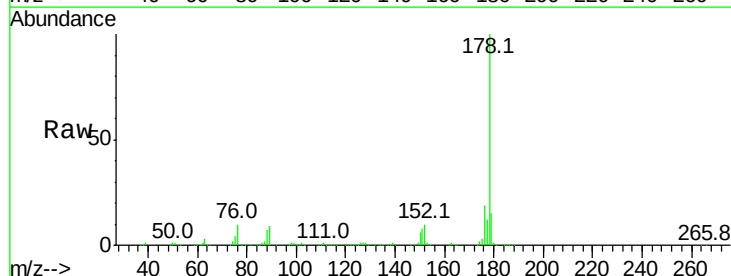


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

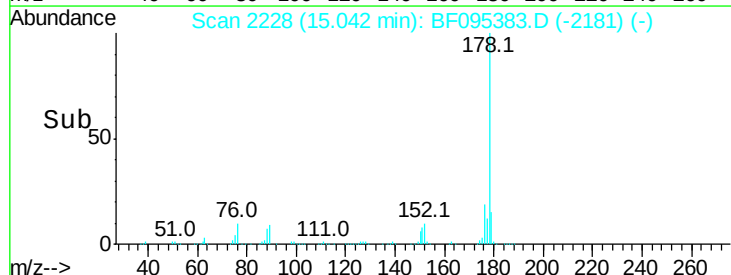
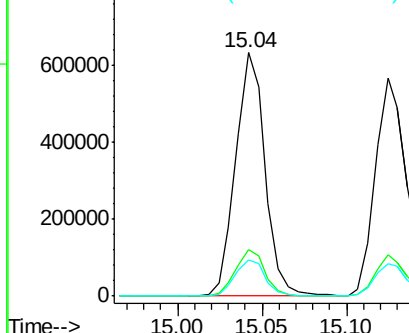


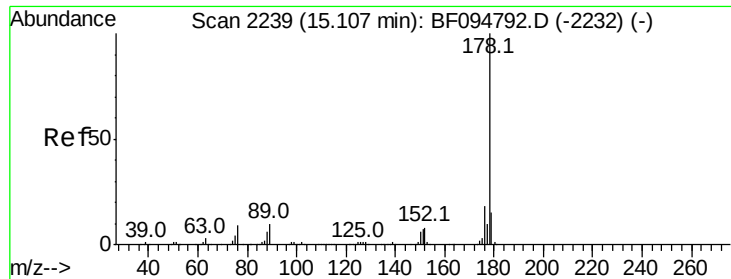
#70
 Phenanthrene
 Concen: 40.31 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:178 Resp: 771329
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 14.7 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

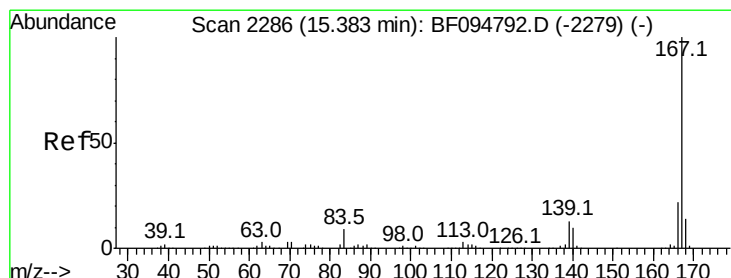
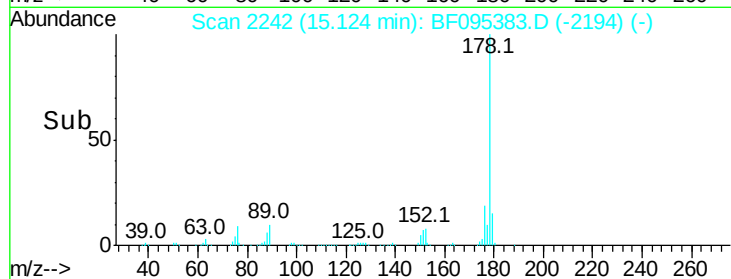
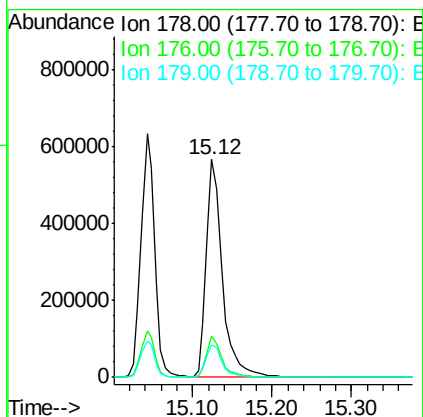
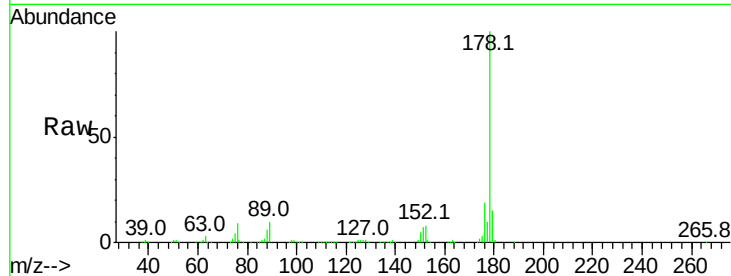




#71
 Anthracene
 Concen: 41.63 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

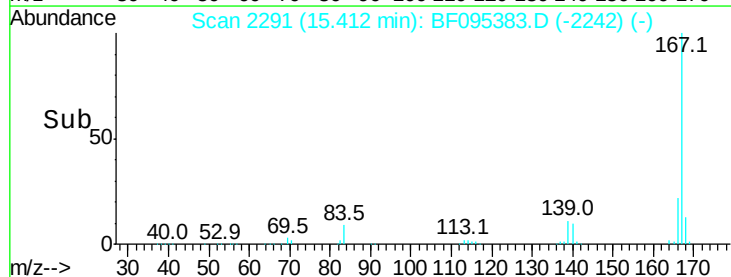
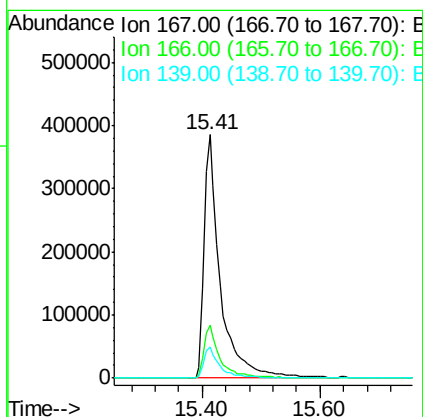
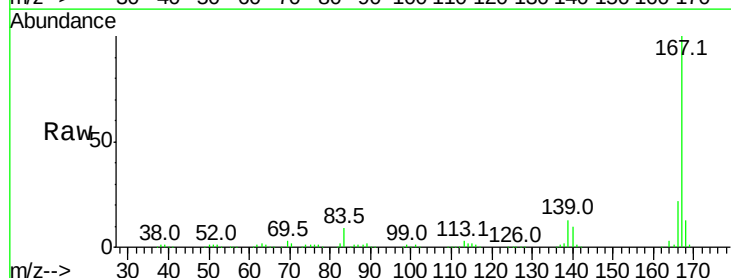
Instrument :
 BNA_F
 ClientSampleId :

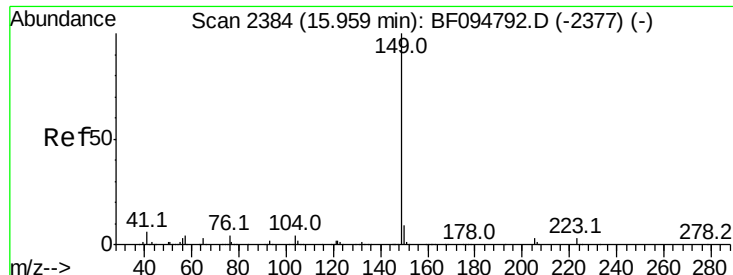
Tot Ion:178 Resp: 813720
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 41.40 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion:167 Resp: 736264
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.0 11.7 17.5

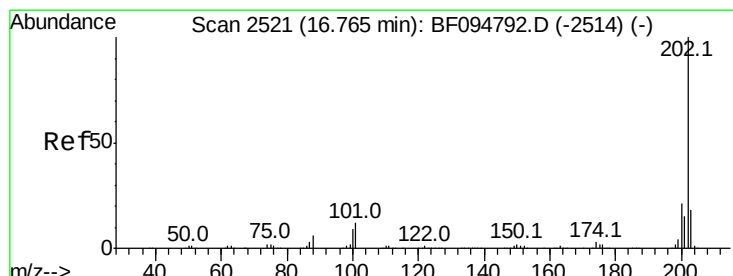
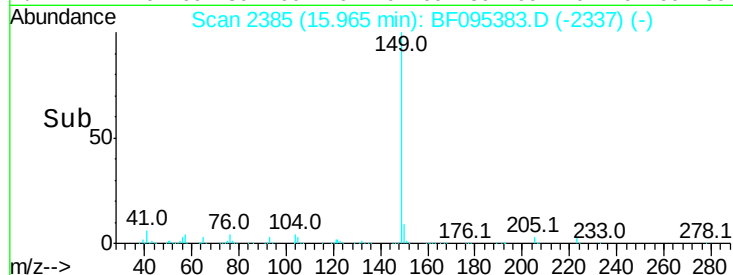
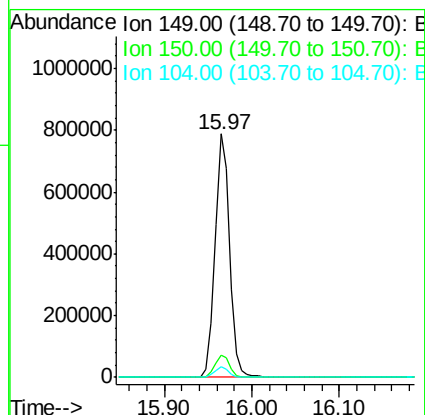
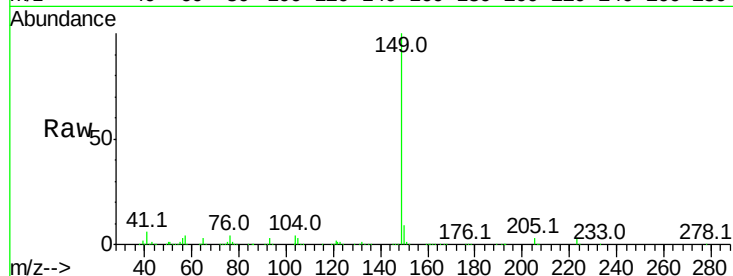




#73
Di-n-butylphthalate
Concen: 41.05 ng
RT: 15.97 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

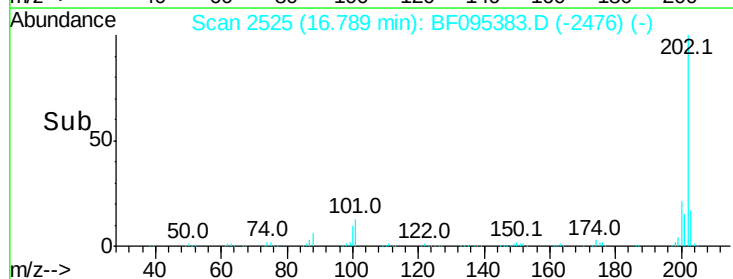
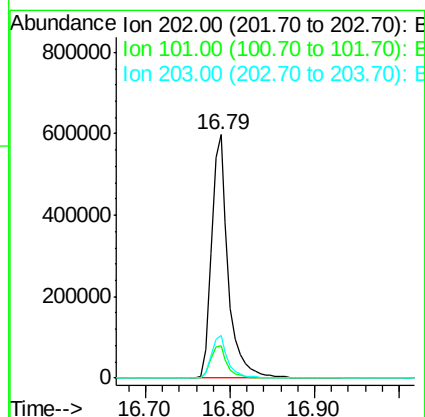
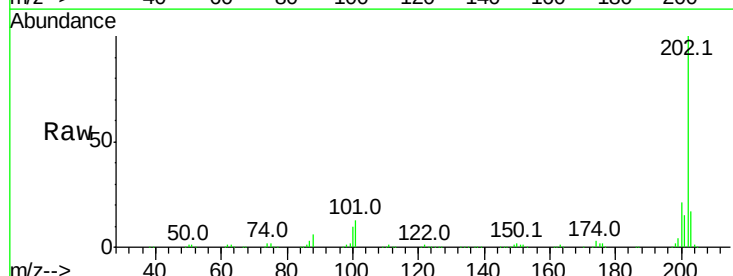
Instrument :
BNA_F
ClientSampleId :

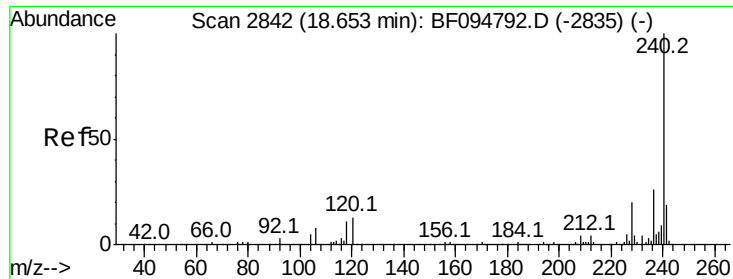
Tot Ion:149 Resp: 910322
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 42.19 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:202 Resp: 828109
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.4 0.0 38.1

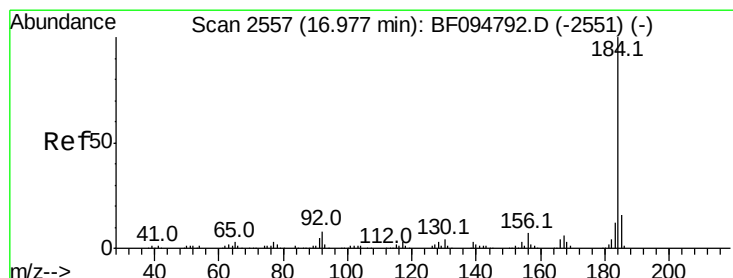
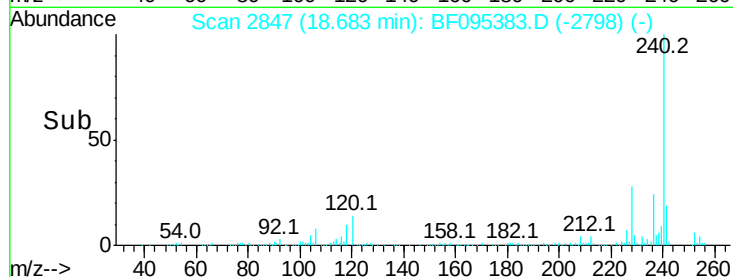
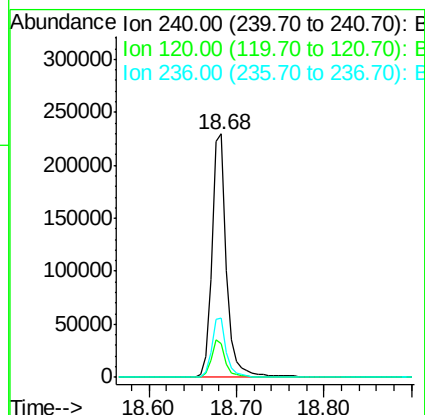
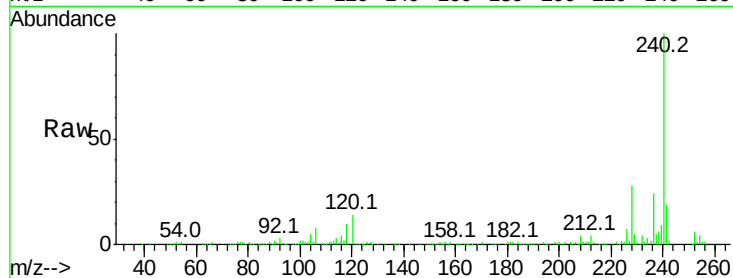




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

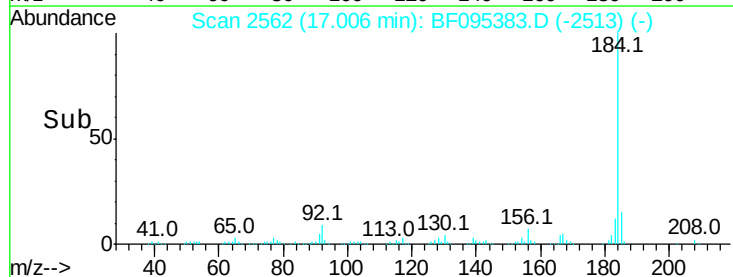
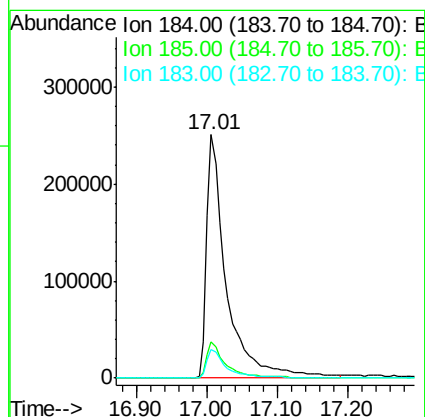
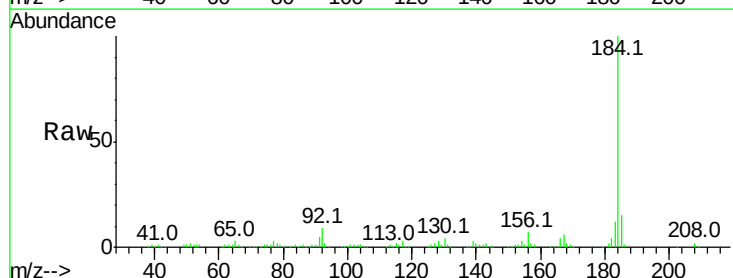
Instrument :
BNA_F
ClientSampleId :

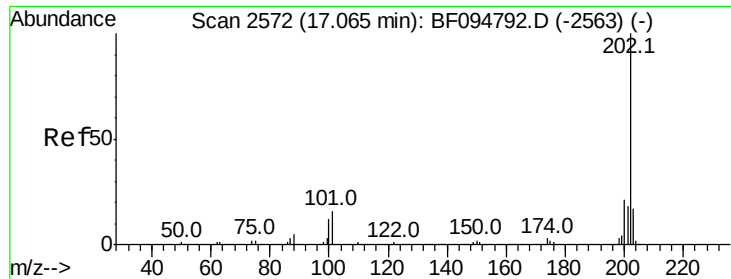
Tot Ion:240 Resp: 267244
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.5 20.5 30.7



#76
Benzidine
Concen: 65.56 ng
RT: 17.01 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:184 Resp: 494054
Ion Ratio Lower Upper
184 100
185 15.0 15.5 23.3#
183 12.0 9.8 14.6





#77

Pvrene

Concen: 42.16 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

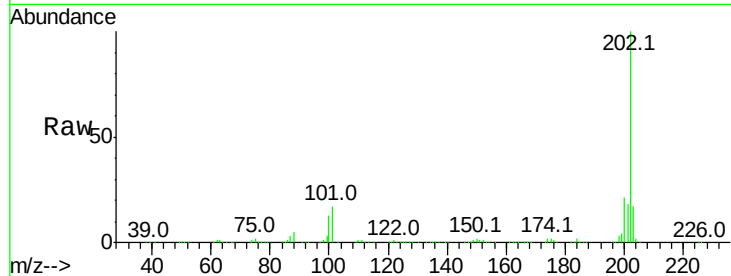
Tot Ion:202 Resp: 842558

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

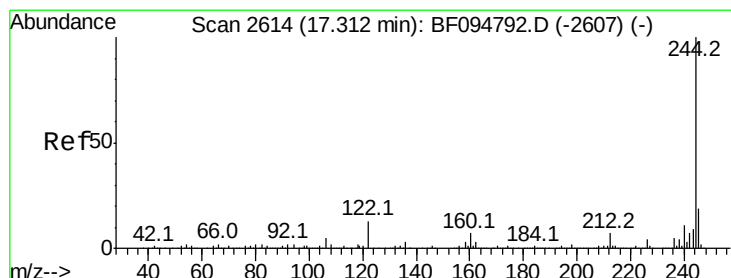
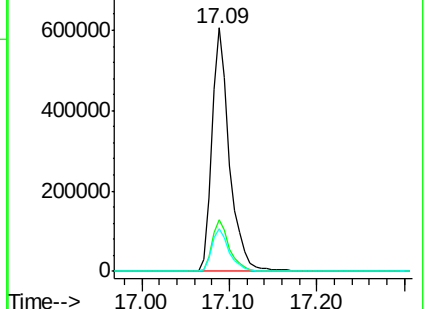
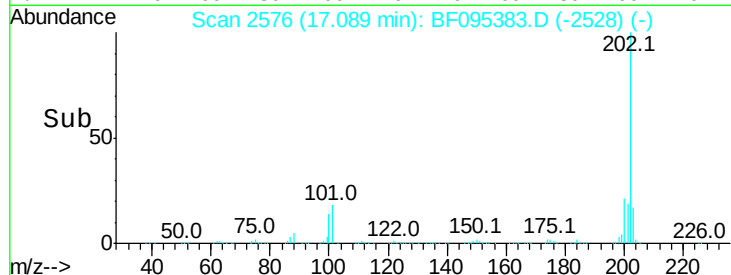
203 17.3 14.4 21.6



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



#78

Terphenyl-d14

Concen: 80.48 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

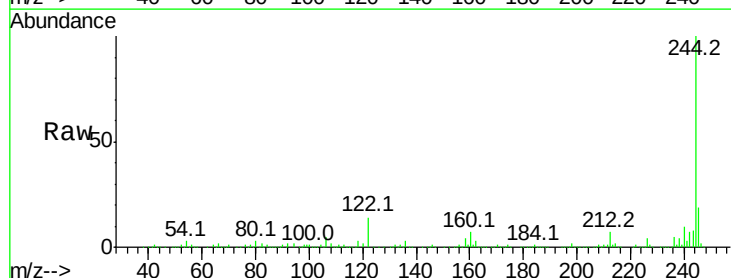
Tgt Ion:244 Resp: 976431

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

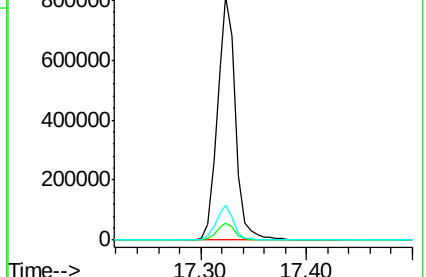
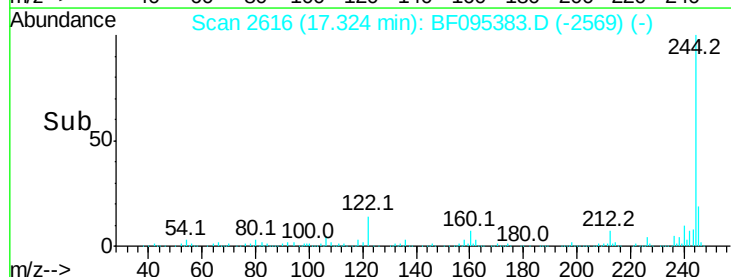
122 14.2 10.3 15.5

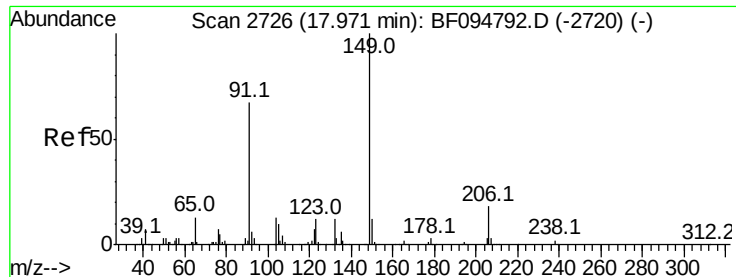


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.87 ng

RT: 17.98 min Scan# 2728

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

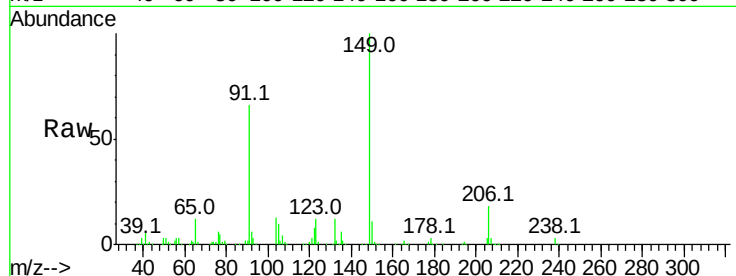
Tot Ion:149 Resp: 333449

Ion Ratio Lower Upper

149 100

91 65.7 45.0 67.4

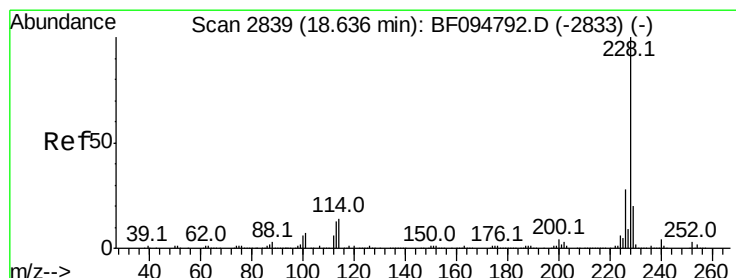
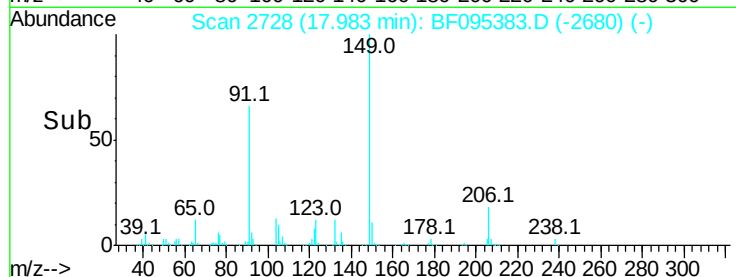
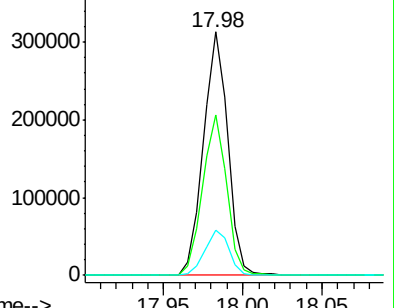
206 18.3 17.0 25.6



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: 38.27 ng

RT: 18.67 min Scan# 2844

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

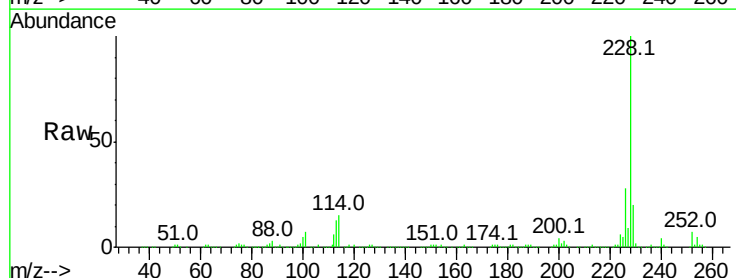
Tgt Ion:228 Resp: 595255

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

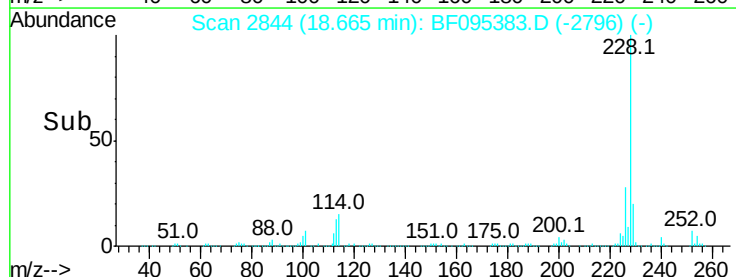
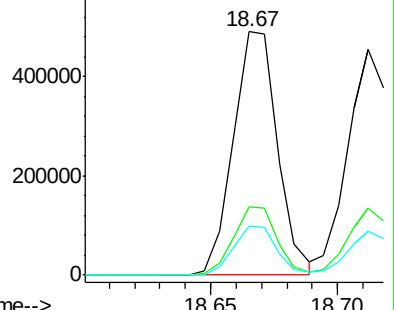
229 19.9 16.3 24.5

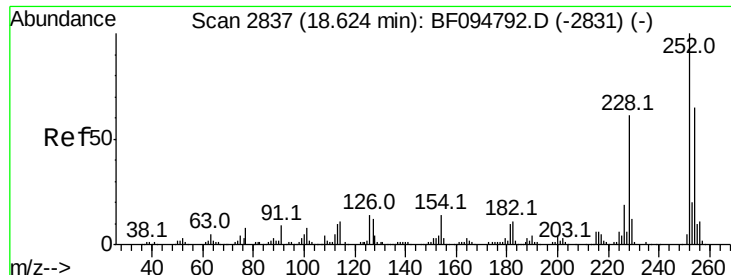


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

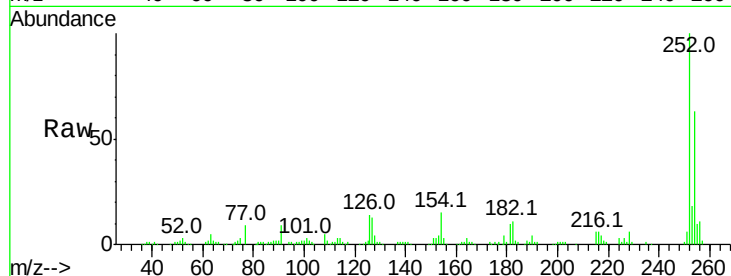




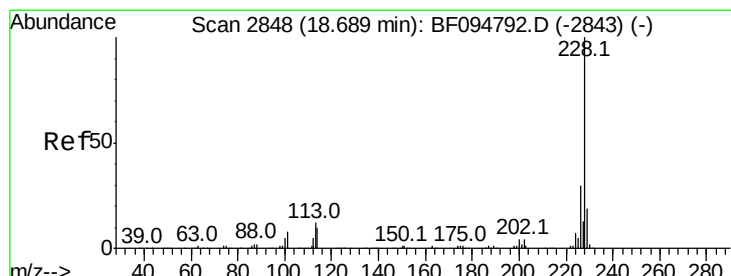
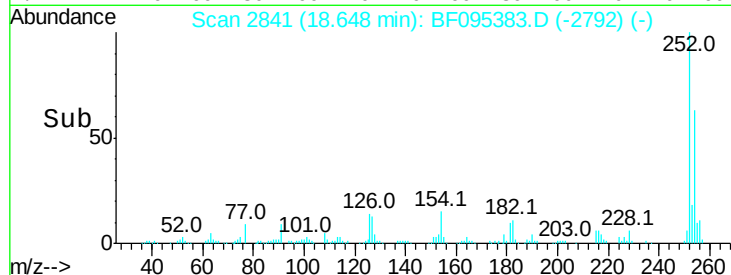
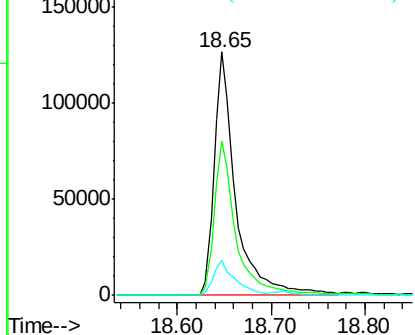
#81
 3,3'-Dichlorobenzidine
 Concen: 37.87 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	14.1	15.8	23.8#

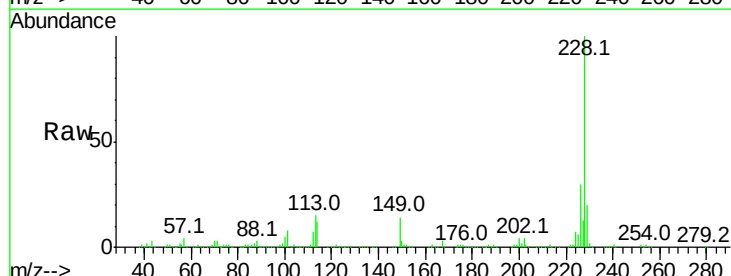


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

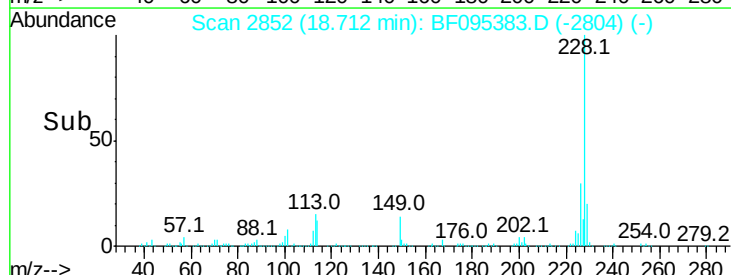
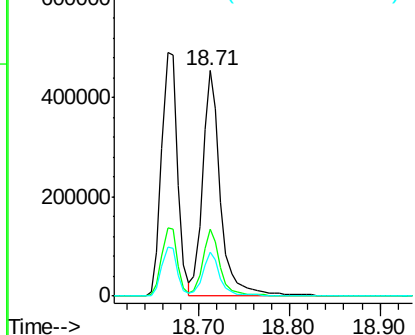


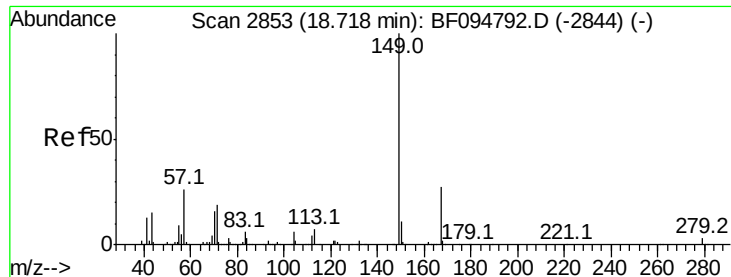
#82
 Chrysene
 Concen: 41.88 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.5	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: 37.64 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

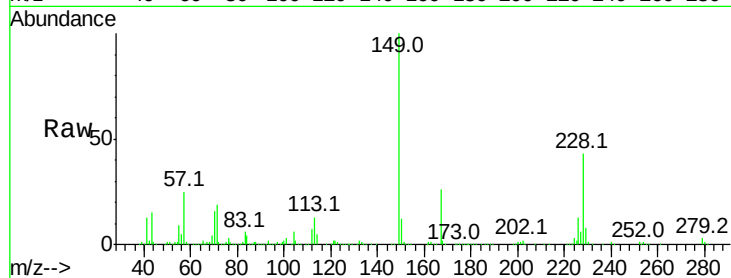
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 498570

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	2.8	1.9	2.9

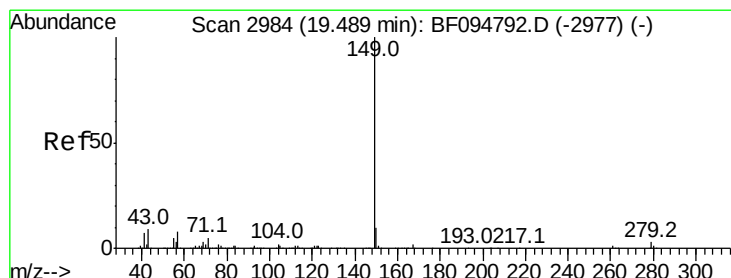
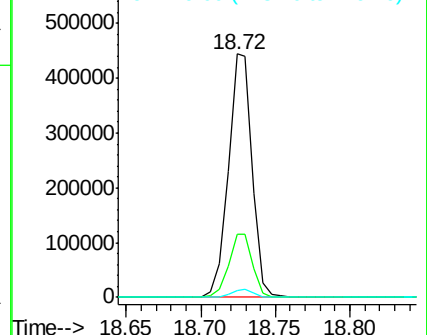
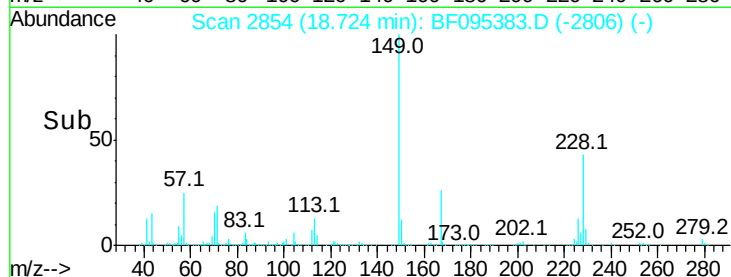


Abundance

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: 39.55 ng

RT: 19.49 min Scan# 2985

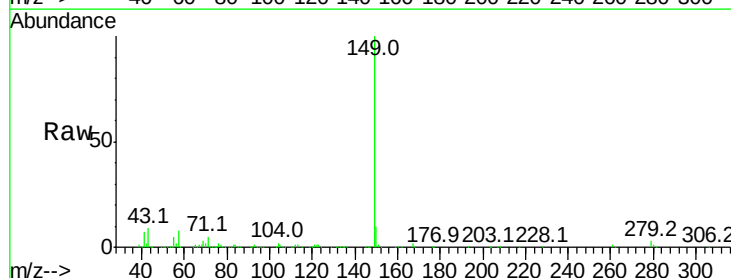
Delta R.T. -0.02 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Tgt Ion:149 Resp: 858792

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	8.5	12.7

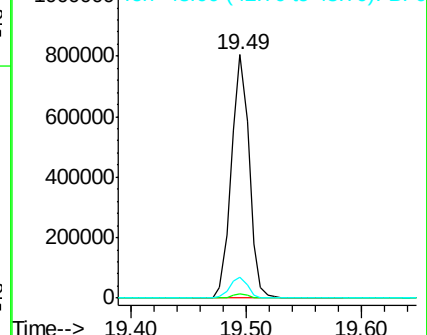
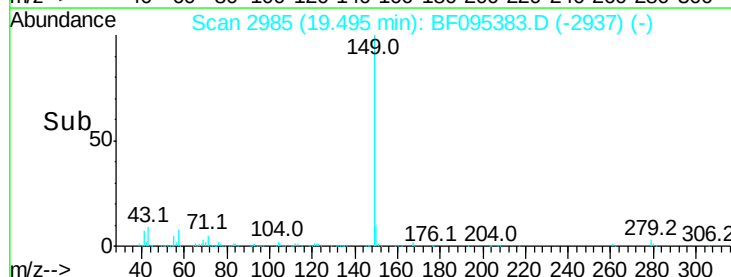


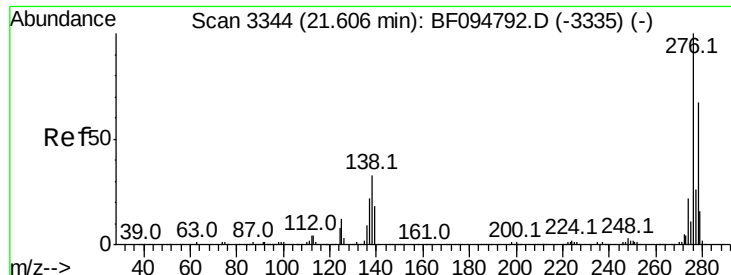
Abundance

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

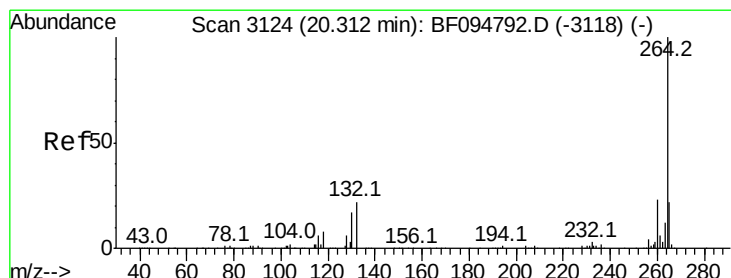
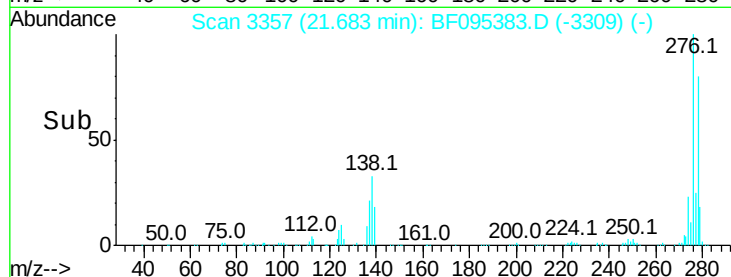
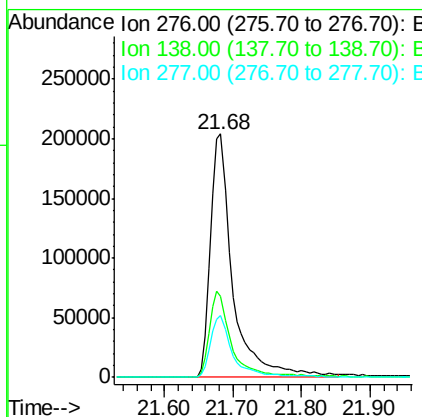
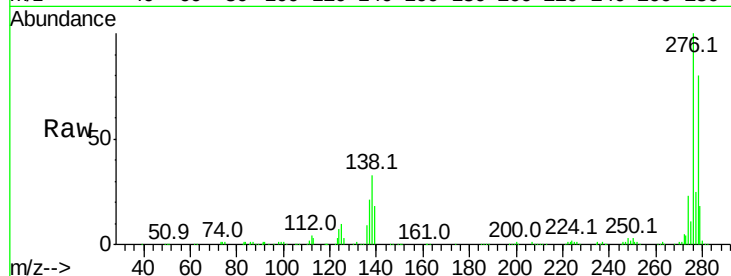




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.84 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. -0.02 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

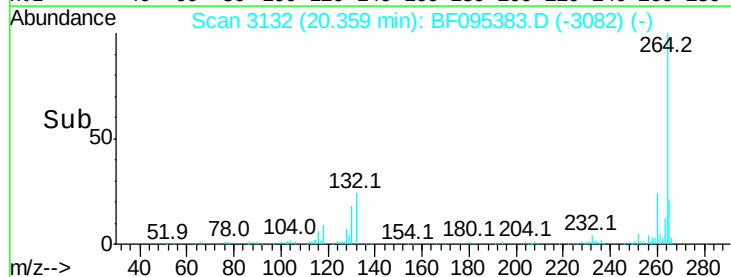
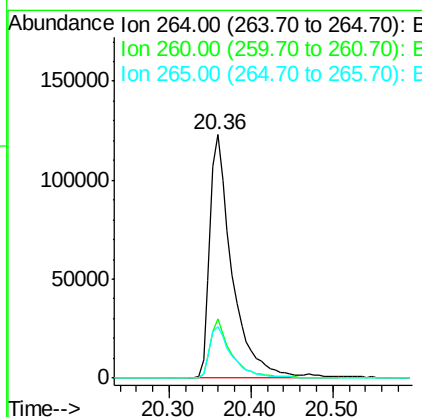
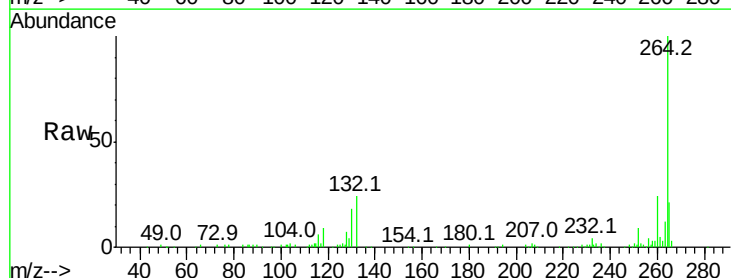
Instrument :
 BNA_F
 ClientSampleId :

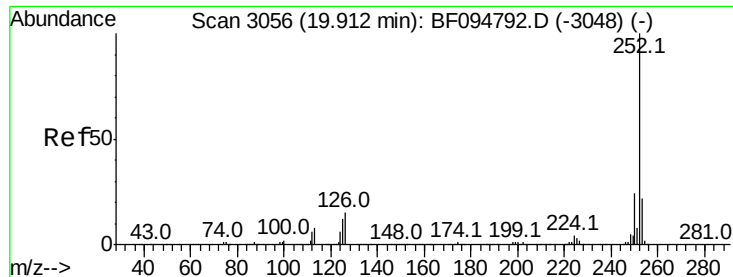
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095383.D
 Acq: 24 May 2017 11:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.0	17.2	25.8

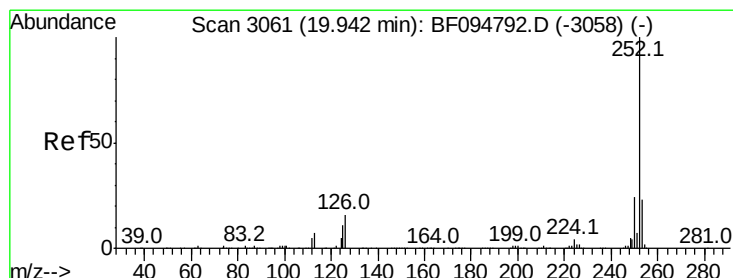
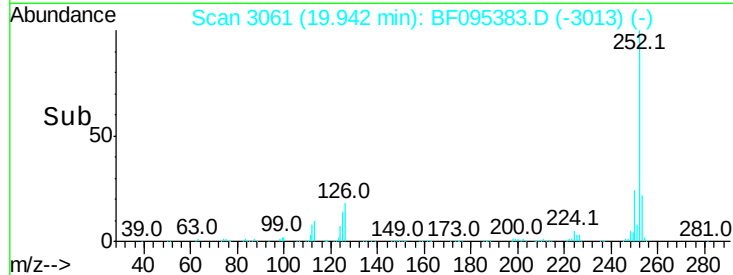
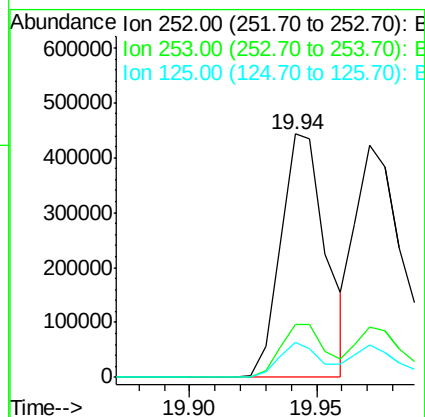
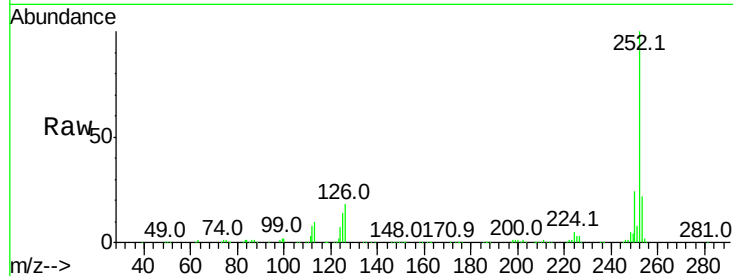




#87
Benzo(b)fluoranthene
Concen: 37.86 ng
RT: 19.94 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

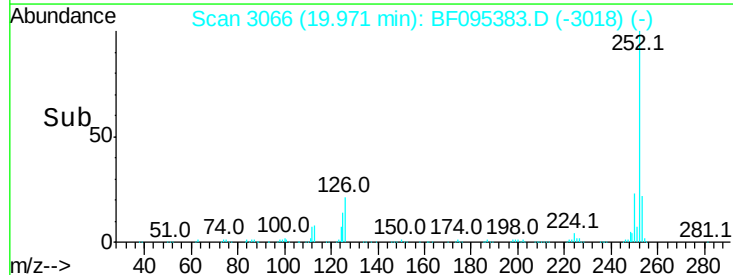
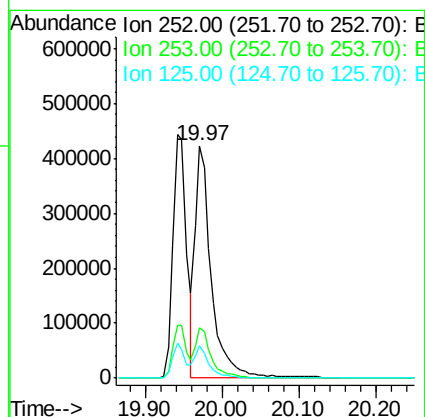
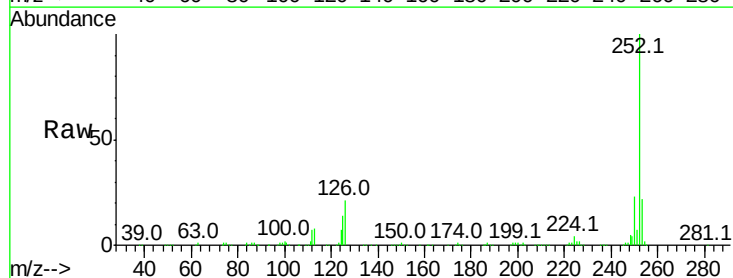
Instrument :
BNA_F
ClientSampleId :

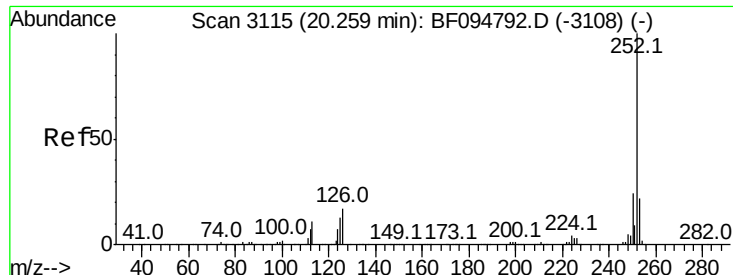
Tot Ion:252 Resp: 549887
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 14.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 44.10 ng
RT: 19.97 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion:252 Resp: 617832
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 13.9 13.1 19.7

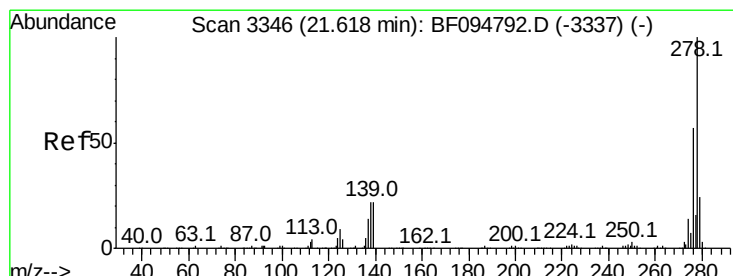
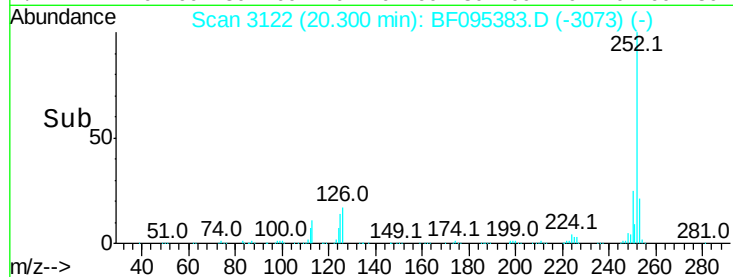
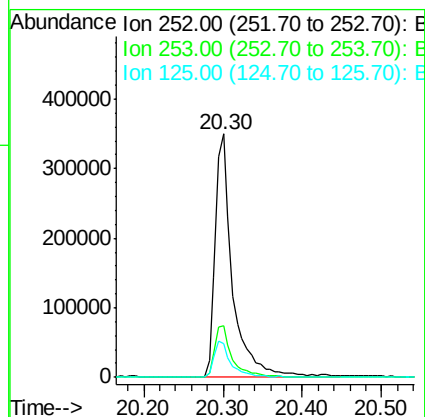
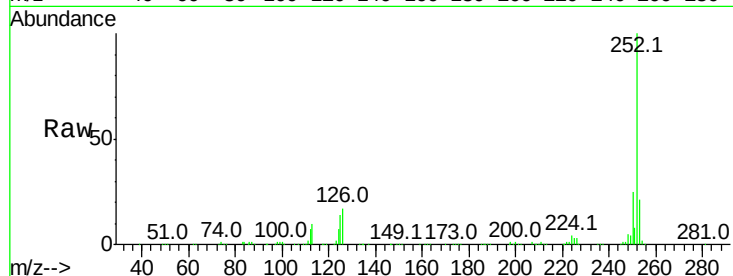




#89
Benzo(a)pyrene
Concen: 39.19 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

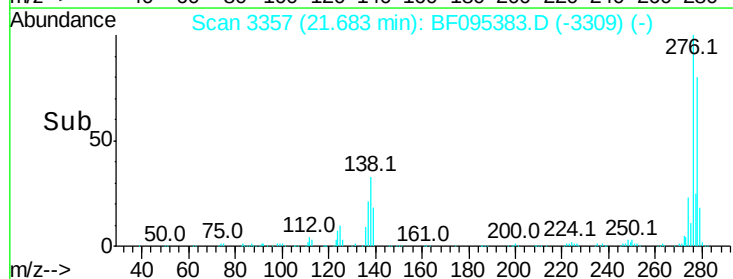
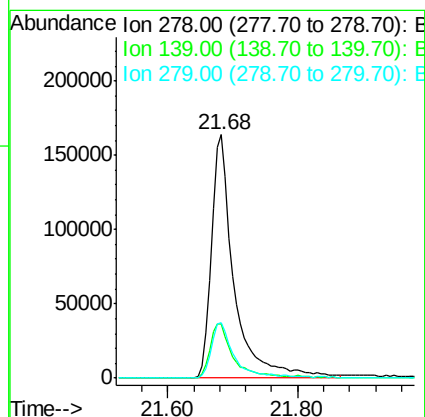
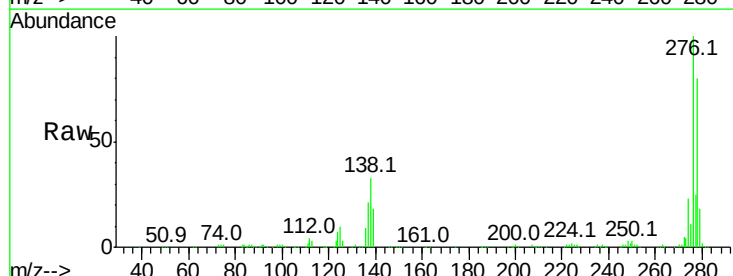
Instrument :
BNA_F
ClientSampleId :

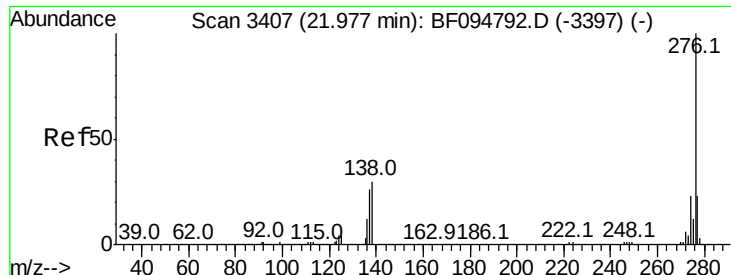
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	13.8	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.72 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095383.D
Acq: 24 May 2017 11:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	22.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 35.46 ng

RT: 22.07 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BF095383.D

Acq: 24 May 2017 11:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 385184

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 28.2 25.4 38.0

