

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095133.D
 Acq On : 15 May 2017 19:15
 Operator : SJ/MA
 Sample : I3141-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:57:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	95563	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	380796	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	167383	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	272845	20.00	ng	0.05
75) Chrysene-d12	18.70	240	183698	20.00	ng	0.05
86) Perylene-d12	20.37	264	180778	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	795466	138.78	ng	0.08
7) Phenol-d6	7.33	99	918292	133.52	ng	0.05
23) Nitrobenzene-d5	8.68	82	507490	84.04	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	176795	128.97	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	975473	83.88	ng	0.04
78) Terphenyl-d14	17.35	244	641808	76.95	ng	0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	95313	33.91	ng	95
3) Pyridine	3.02	79	109549	16.81	ng	99
4) n-Nitrosodimethylamine	2.93	42	84071	30.96	ng	87
6) Aniline	7.30	93	326543	37.61	ng	96
8) 2-Chlorophenol	7.48	128	295266	45.26	ng	95
9) Benzaldehyde	7.11	77	120616	28.72	ng	98
10) Phenol	7.35	94	330338	45.58	ng	88
11) bis(2-Chloroethyl)ether	7.42	93	265565	44.39	ng	96
12) 1,3-Dichlorobenzene	7.69	146	311571	42.10	ng	98
13) 1,4-Dichlorobenzene	7.81	146	321598	42.85	ng	97
14) 1,2-Dichlorobenzene	8.04	146	303533	43.33	ng	96
15) Benzyl Alcohol	8.07	79	232190	52.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	353183	41.71	ng	66
17) 2-Methylphenol	8.27	107	235544	44.12	ng	# 87
18) Hexachloroethane	8.56	117	95423	37.53	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	205979	44.28	ng	96
20) 3+4-Methylphenols	8.53	107	305064	42.05	ng	# 57
22) Acetophenone	8.45	105	410735	44.96	ng	# 84
24) Nitrobenzene	8.71	77	257115	40.62	ng	92
25) Isophorone	9.11	82	501639	46.52	ng	# 94
26) 2-Nitrophenol	9.22	139	158469	46.40	ng	97
27) 2,4-Dimethylphenol	9.35	122	254645	46.11	ng	97
28) bis(2-Chloroethoxy)methane	9.47	93	338269	45.35	ng	99
29) 2,4-Dichlorophenol	9.64	162	229006	43.92	ng	99
30) 1,2,4-Trichlorobenzene	9.72	180	245290	43.91	ng	99
31) Naphthalene	9.83	128	806526	42.14	ng	100
32) Benzoic acid	9.64	122	102904	30.46	ng	95
33) 4-Chloroaniline	9.98	127	120850	16.94	ng	# 93
34) Hexachlorobutadiene	10.04	225	119958	40.70	ng	97
35) Caprolactam	10.60	113	33245	21.23	ng	# 80
36) 4-Chloro-3-methylphenol	10.82	107	219887	39.44	ng	90
37) 2-Methylnaphthalene	10.95	142	492773	39.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	203084	39.45	ng	99
40) Hexachlorocyclopentadiene	11.21	237	77607	39.20	ng	100

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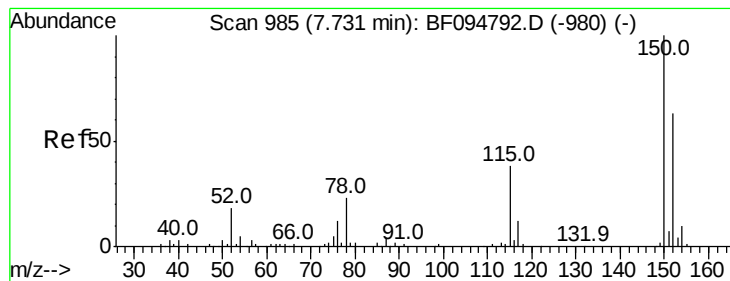
Instrument :
 BNA_F
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Quant Time: May 16 05:57:56 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.45	196	156843	45.64	nq	99
43) 2,4,5-Trichlorophenol	11.55	196	142269	38.51	nq	# 91
45) 1,1'-Biphenyl	11.72	154	599733	42.56	nq	98
46) 2-Chloronaphthalene	11.74	162	479376	42.13	nq	95
47) 2-Nitroaniline	11.95	65	136030	43.68	nq	# 84
48) Acenaphthylene	12.40	152	781820	43.86	nq	99
49) Dimethylphthalate	12.27	163	725898	52.83	nq	99
50) 2,6-Dinitrotoluene	12.37	165	130988	46.73	nq	97
51) Acenaphthene	12.68	154	459897	43.20	nq	98
52) 3-Nitroaniline	12.64	138	79369	26.38	nq	92
53) 2,4-Dinitrophenol	12.85	184	46620	34.08	nq	# 64
54) Dibenzofuran	12.97	168	697457	47.34	nq	98
55) 4-Nitrophenol	13.02	139	141447	78.27	nq	# 69
56) 2,4-Dinitrotoluene	13.03	165	170247	47.26	nq	# 91
57) Fluorene	13.52	166	539023	42.08	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	117732	50.64	nq	# 91
59) Diethylphthalate	13.42	149	560306	42.54	nq	99
60) 4-Chlorophenyl-phenylether	13.55	204	243690	43.29	nq	89
61) 4-Nitroaniline	13.64	138	80868	29.28	nq	97
62) Azobenzene	13.81	77	479737	45.33	nq	92
64) 4,6-Dinitro-2-methylphenol	13.70	198	34721	18.98	nq	# 67
65) n-Nitrosodiphenylamine	13.75	169	431952	43.62	nq	99
66) 4-Bromophenyl-phenylether	14.34	248	131561	45.64	nq	95
67) Hexachlorobenzene	14.42	284	125337	42.43	nq	# 85
68) Atrazine	14.67	200	134667	48.17	nq	96
69) Pentachlorophenol	14.77	266	95848	72.36	nq	96
70) Phenanthrene	15.07	178	679698	43.36	nq	97
71) Anthracene	15.15	178	626856	39.15	nq	99
72) Carbazole	15.43	167	633627	43.49	nq	97
73) Di-n-butylphthalate	15.99	149	840008	46.23	nq	98
74) Fluoranthene	16.81	202	610566	37.97	nq	99
76) Benzidine	17.03	184	175248	37.02	nq	# 94
77) Pyrene	17.11	202	602270	43.84	nq	98
79) Butylbenzylphthalate	18.01	149	280462	43.89	nq	88
80) Benzo(a)anthracene	18.69	228	449622	42.06	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	147095	39.84	nq	# 95
82) Chrysene	18.73	228	444957	43.04	nq	97
83) Bis(2-ethylhexyl)phthalate	18.75	149	399791	43.91	nq	# 98
84) Di-n-octyl phthalate	19.52	149	575838	38.58	nq	96
85) Indeno(1,2,3-cd)pyrene	21.71	276	435996	51.93	nq	100
87) Benzo(b)fluoranthene	19.97	252	414131	37.07	nq	98
88) Benzo(k)fluoranthene	19.99	252	439635	40.80	nq	# 94
89) Benzo(a)pyrene	20.31	252	448007	43.46	nq	98
90) Dibenzo(a,h)anthracene	21.71	278	355962	41.81	nq	97
91) Benzo(g,h,i)perylene	22.09	276	351158	42.04	nq	98

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

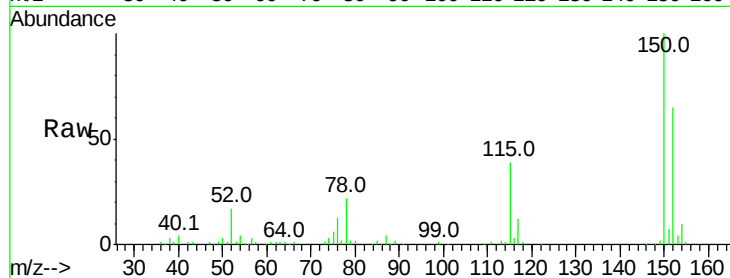


#1

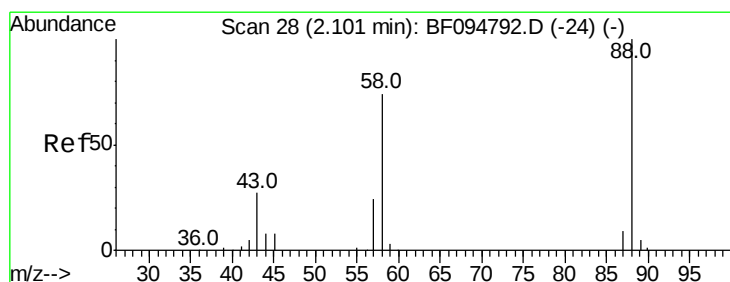
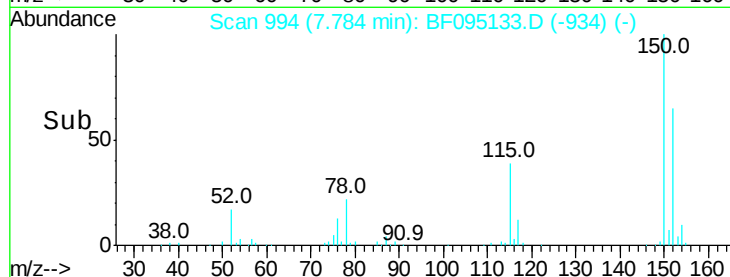
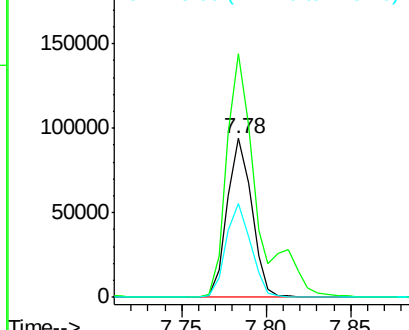
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95563
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 59.1 52.2 78.2



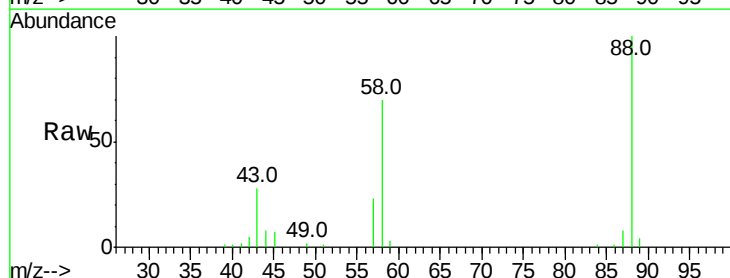
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



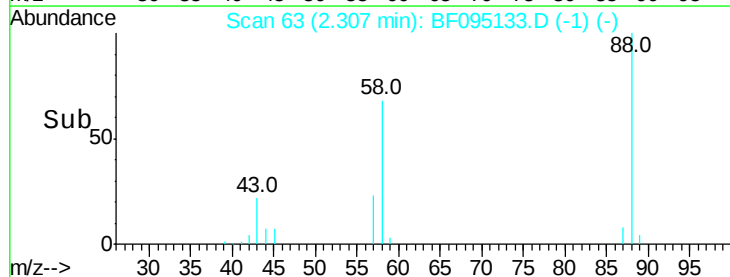
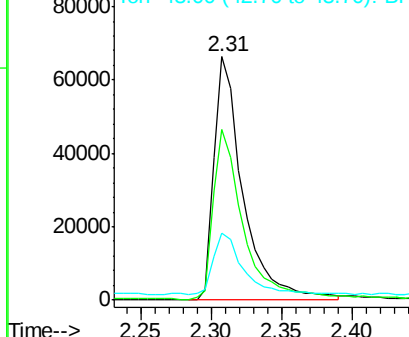
#2

1,4-Dioxane
Concen: 33.91 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.21 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion: 88 Resp: 95313
Ion Ratio Lower Upper
88 100
58 72.6 61.4 92.0
43 26.9 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: 16.81 ng

RT: 3.02 min Scan# 184

Delta R.T. 0.26 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

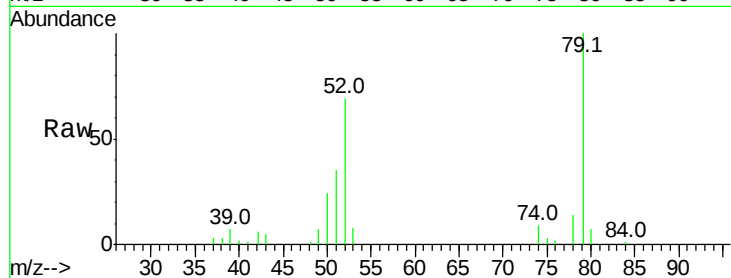
Tot Ion: 79 Resp: 109549

Ion Ratio Lower Upper

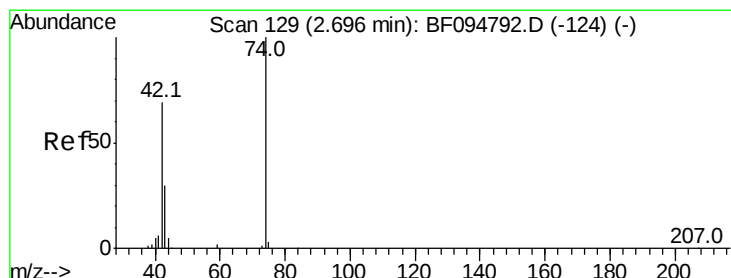
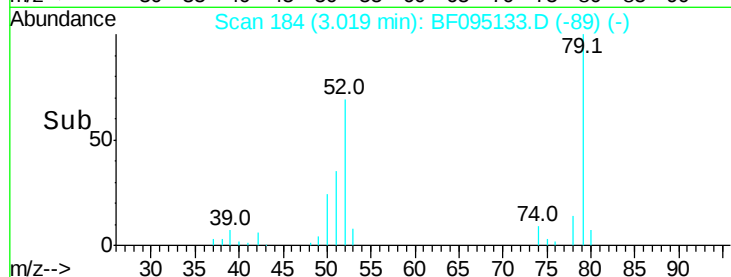
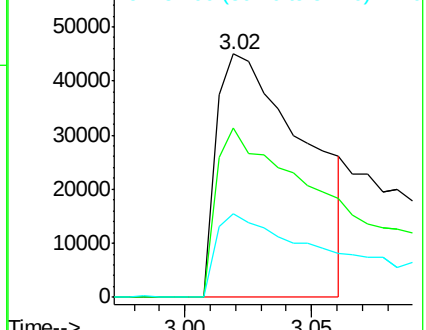
79 100

52 69.4 54.8 82.2

51 34.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.96 ng

RT: 2.93 min Scan# 169

Delta R.T. 0.24 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

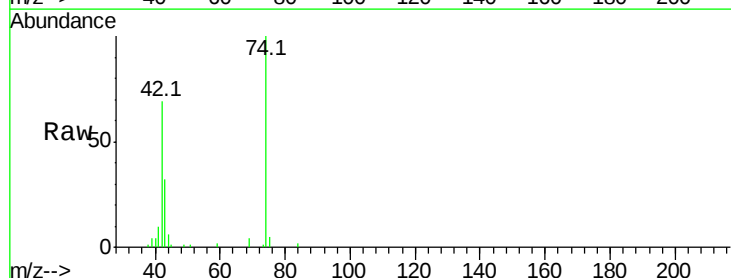
Tgt Ion: 42 Resp: 84071

Ion Ratio Lower Upper

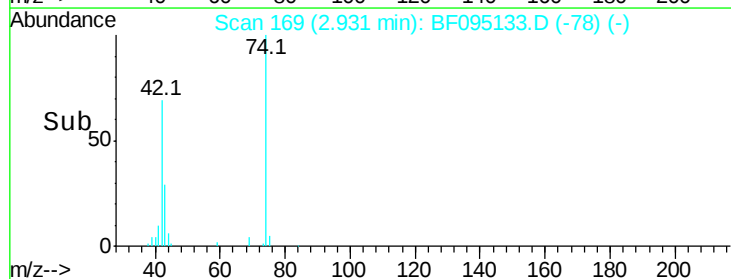
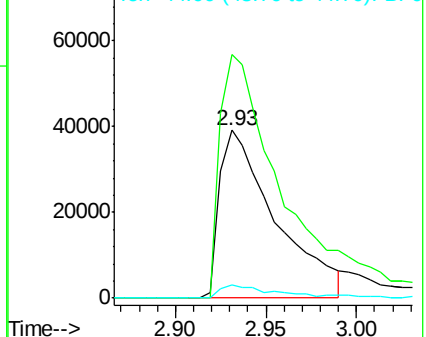
42 100

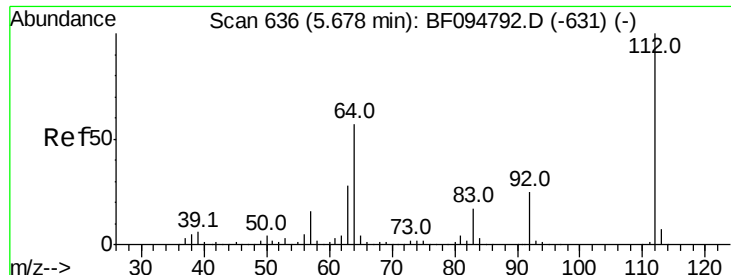
74 145.2 103.9 155.9

44 8.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 138.78 ng

RT: 5.76 min Scan# 650

Delta R.T. 0.08 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampled :

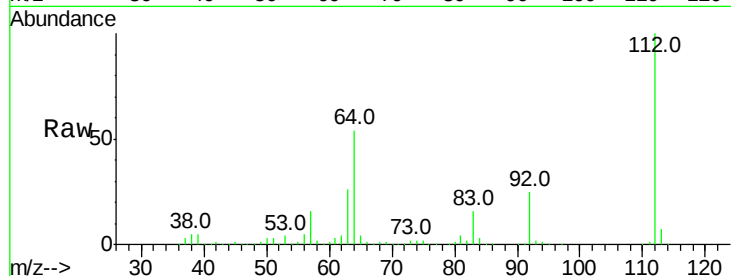
Tot Ion:112 Resp: 795466

Ion Ratio Lower Upper

112 100

64 53.6 46.0 69.0

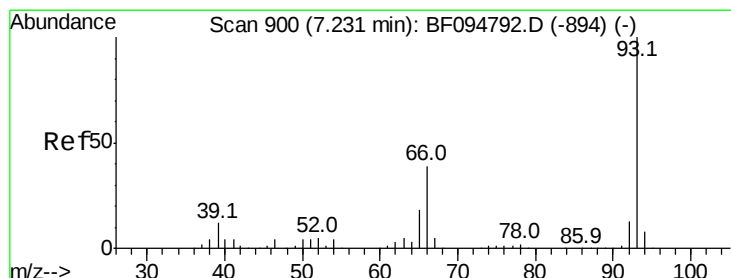
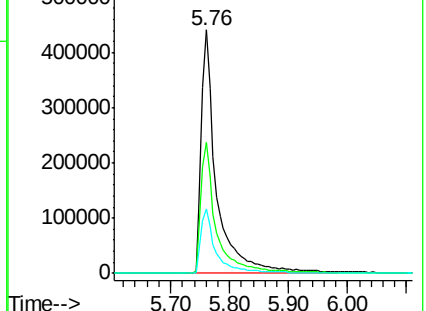
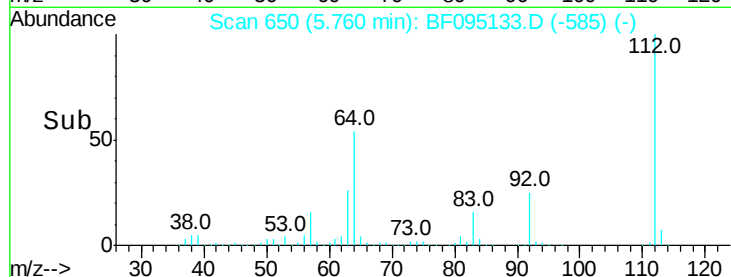
63 26.2 23.4 35.0



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: 37.61 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

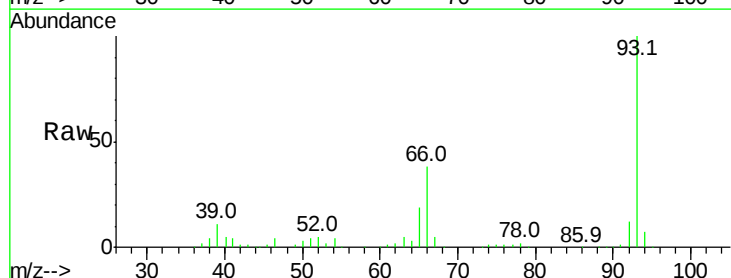
Tgt Ion: 93 Resp: 326543

Ion Ratio Lower Upper

93 100

66 38.2 32.9 49.3

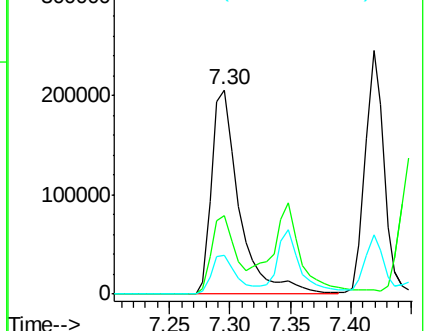
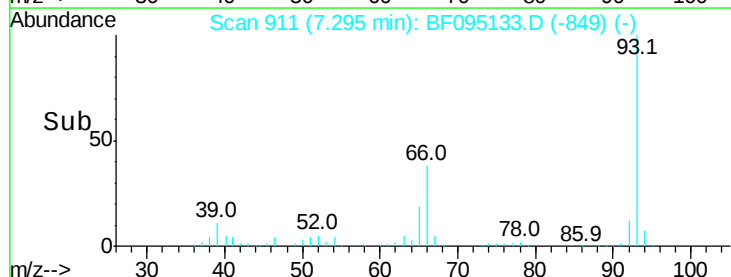
65 18.7 16.0 24.0



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: 133.52 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

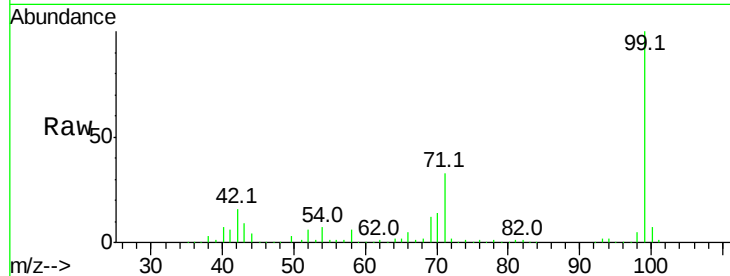
Tot Ion: 99 Resp: 918292

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

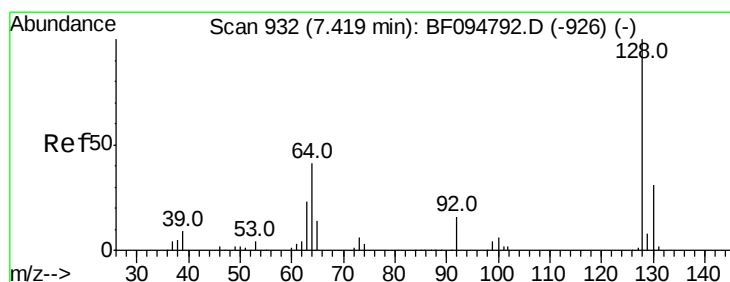
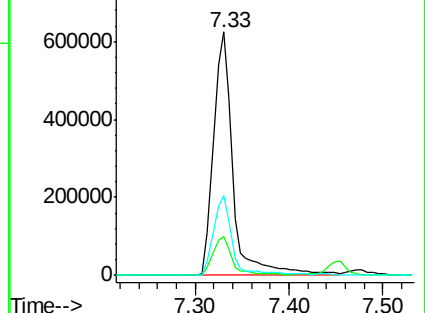
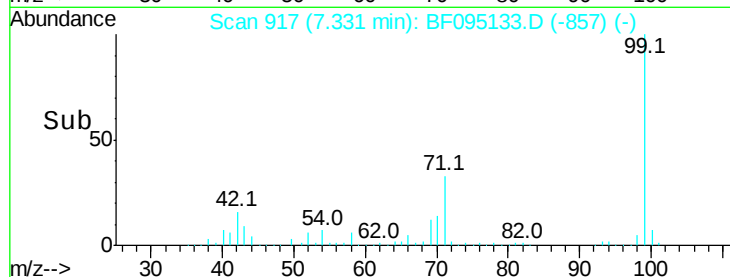
71 32.7 24.5 36.7



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: 45.26 ng

RT: 7.48 min Scan# 942

Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

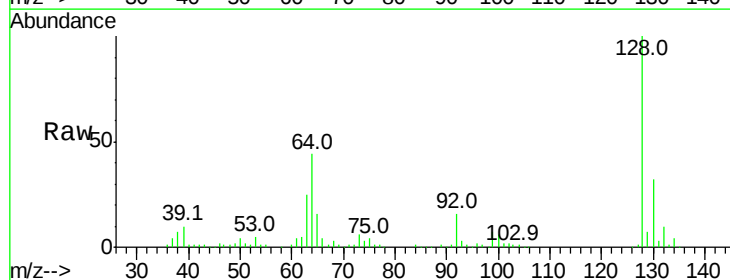
Tgt Ion:128 Resp: 295266

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

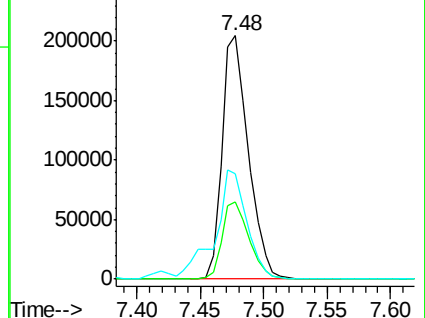
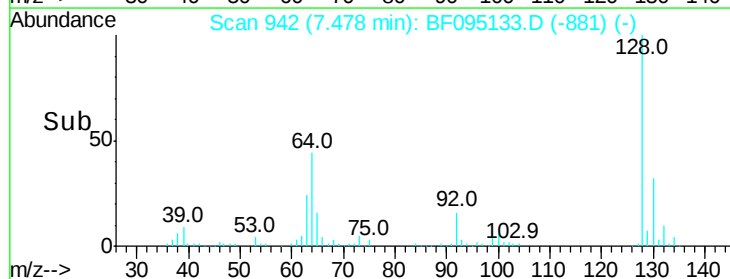
64 43.5 28.4 68.4

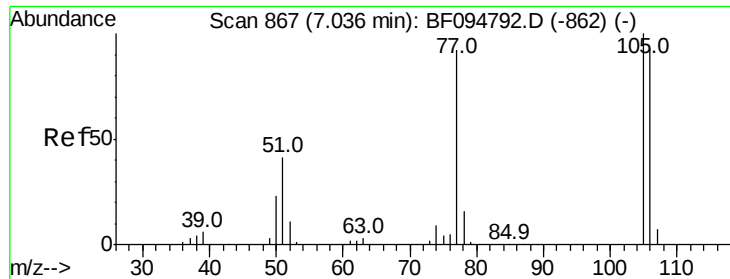


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.72 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampled :

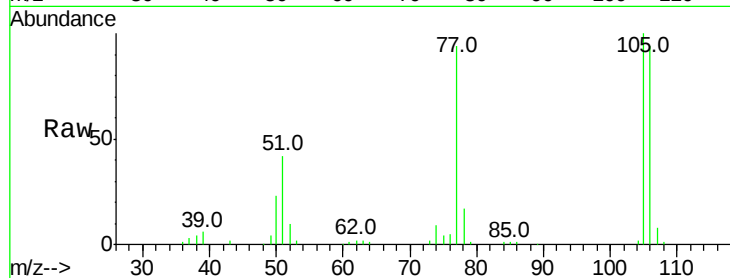
Tot Ion: 77 Resp: 120616

Ion Ratio Lower Upper

77 100

105 106.9 83.8 123.8

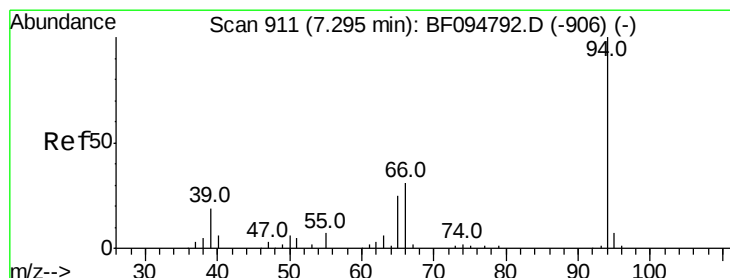
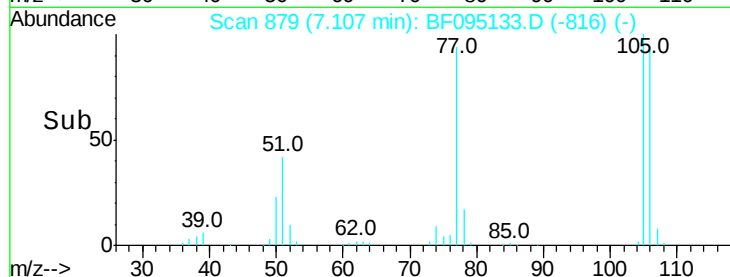
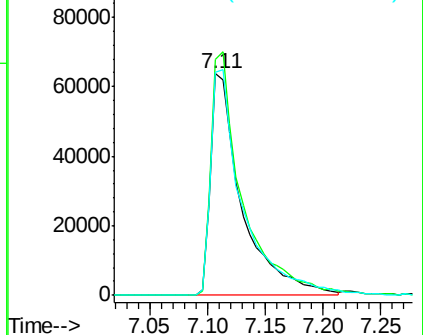
106 100.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.58 ng

RT: 7.35 min Scan# 920

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

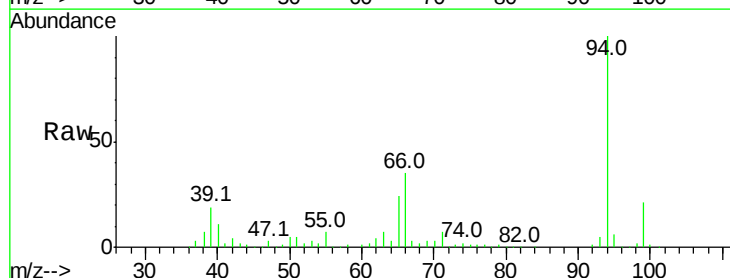
Tgt Ion: 94 Resp: 330338

Ion Ratio Lower Upper

94 100

65 24.2 9.9 49.9

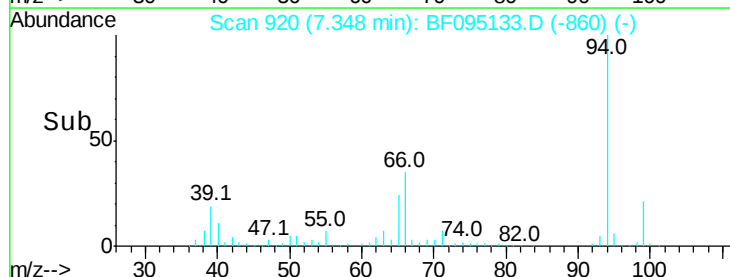
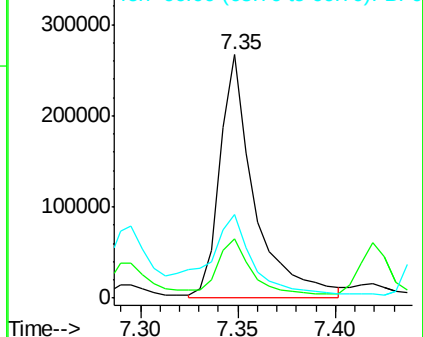
66 34.5 23.1 63.1



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: 44.39 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

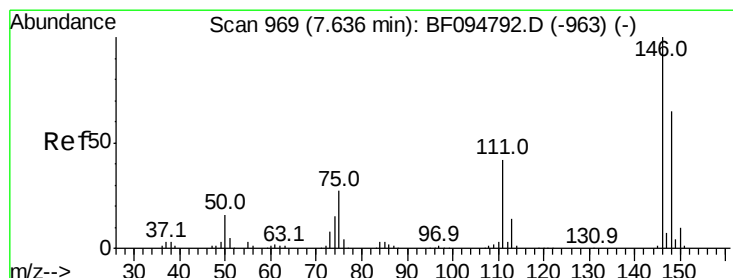
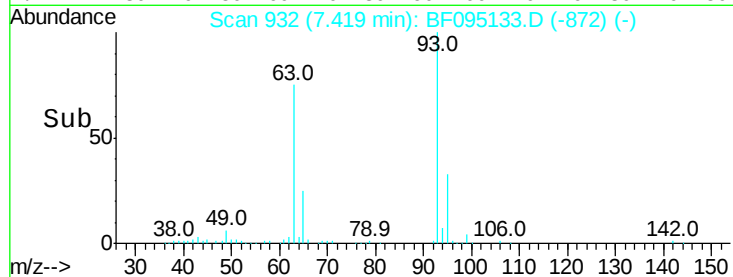
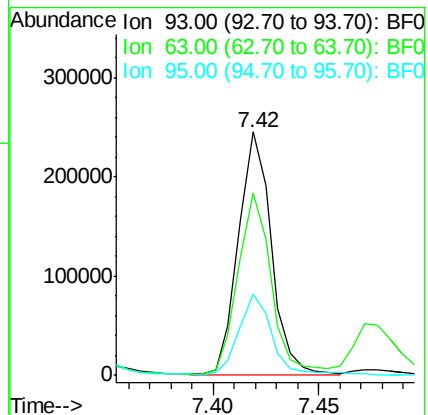
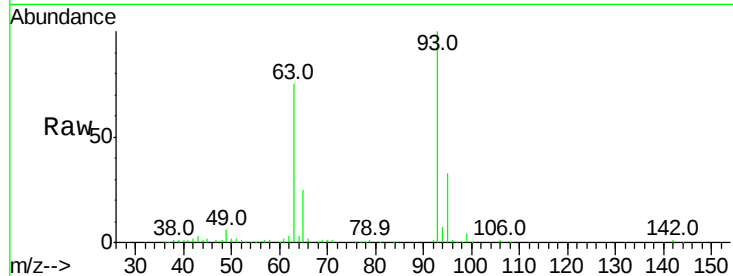
Tot Ion: 93 Resp: 265565

Ion Ratio Lower Upper

93 100

63 74.7 59.2 99.2

95 33.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.10 ng

RT: 7.69 min Scan# 978

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

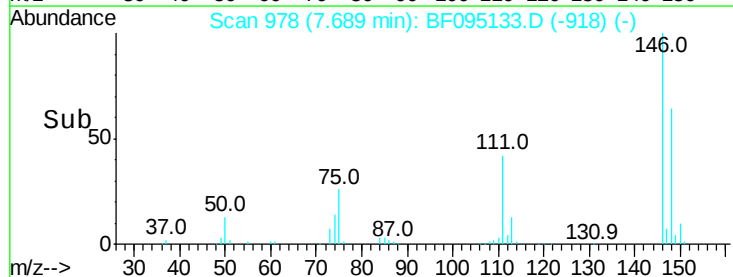
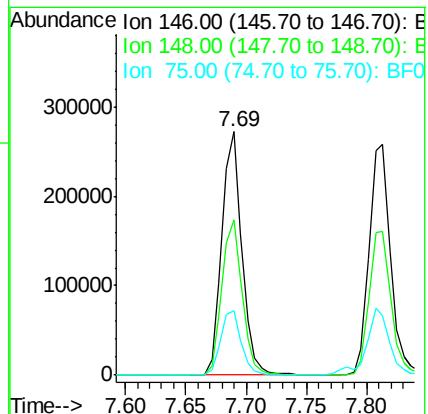
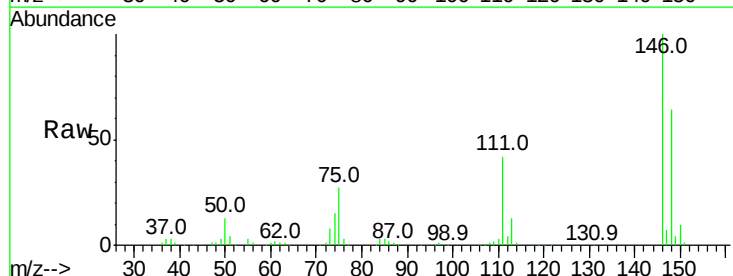
Tgt Ion: 146 Resp: 311571

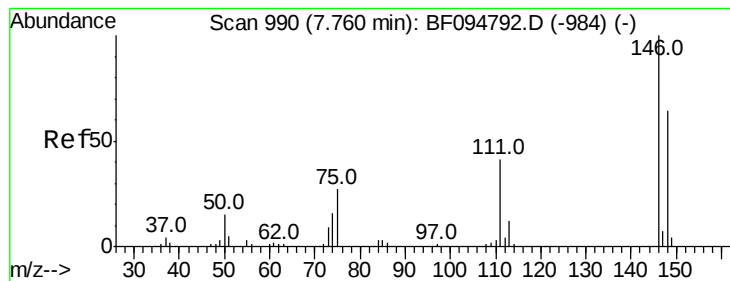
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 26.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.85 ng

RT: 7.81 min Scan# 999

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

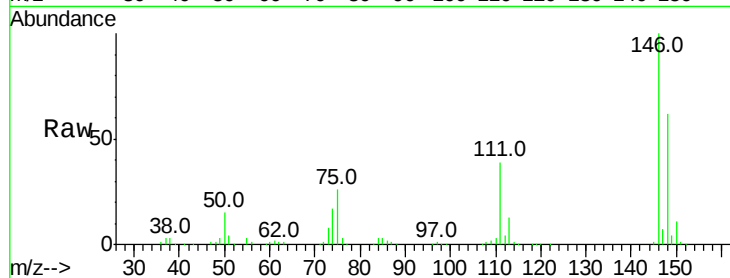
Tot Ion:146 Resp: 321598

Ion Ratio Lower Upper

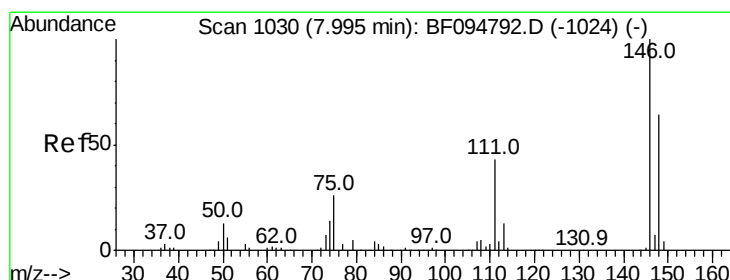
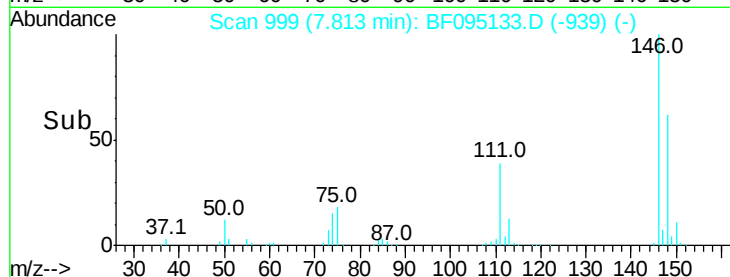
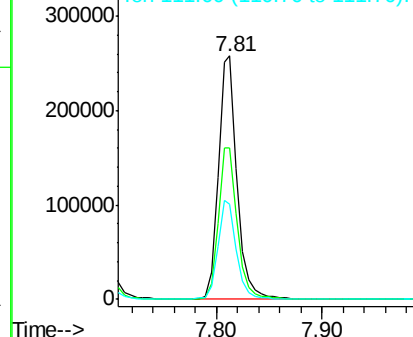
146 100

148 62.3 52.2 78.2

111 39.1 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 43.33 ng

RT: 8.04 min Scan# 1038

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

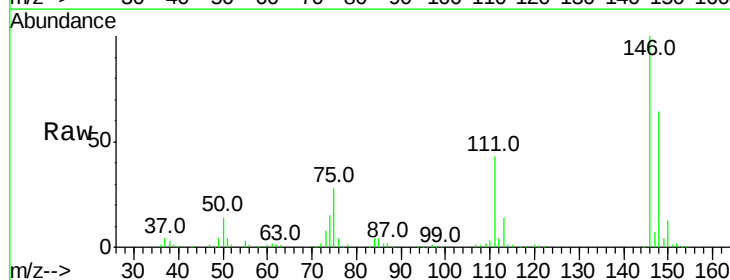
Tgt Ion:146 Resp: 303533

Ion Ratio Lower Upper

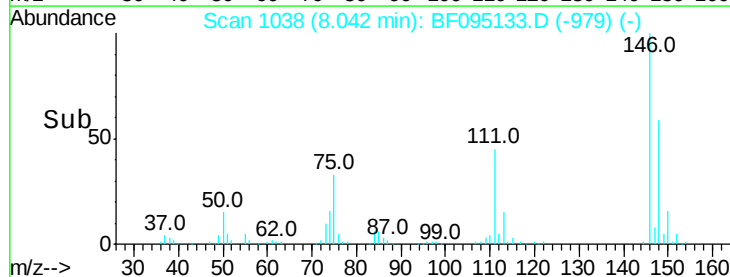
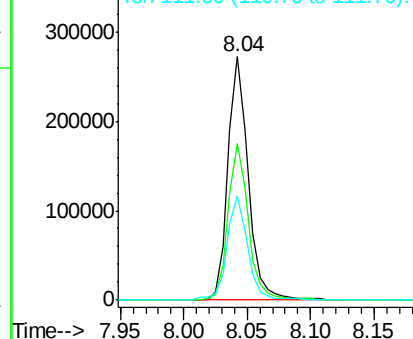
146 100

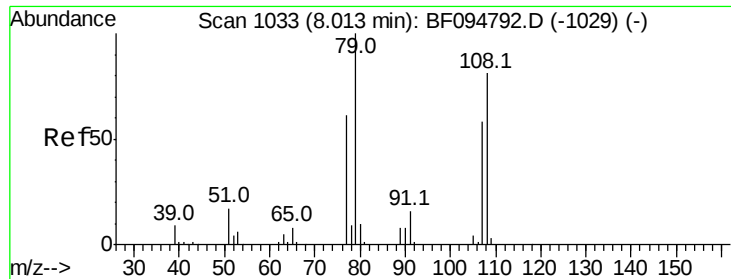
148 64.5 50.4 75.6

111 42.9 38.2 57.4



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

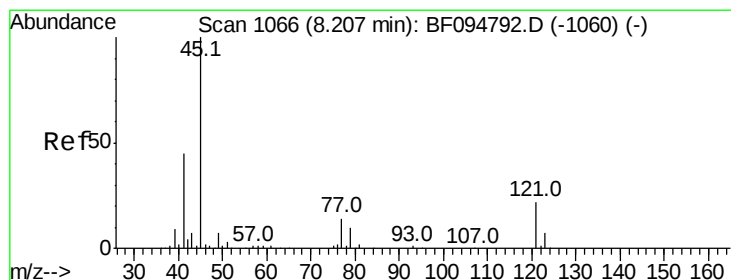
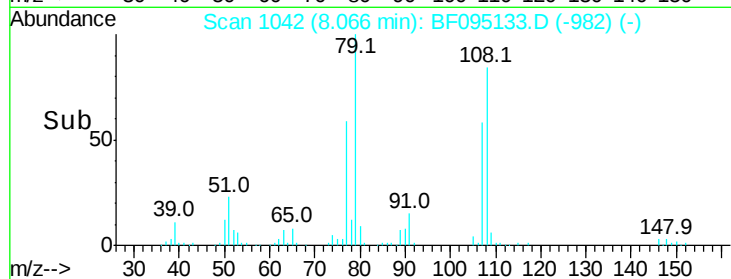
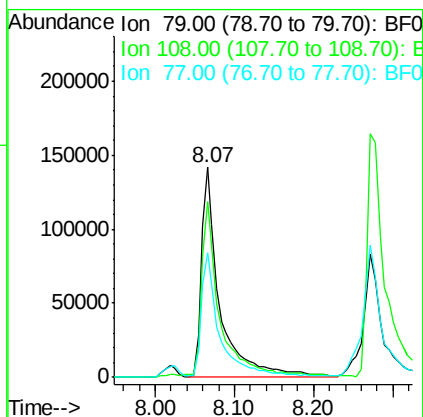
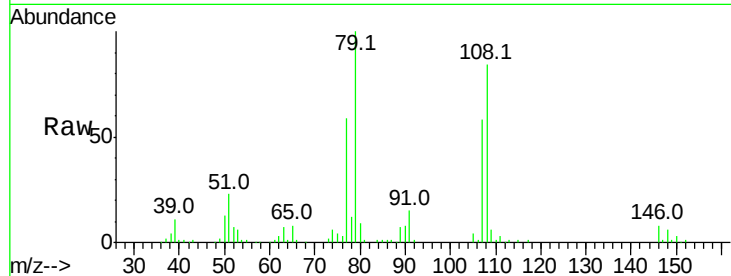




#15
Benzyl Alcohol
Concen: 52.49 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

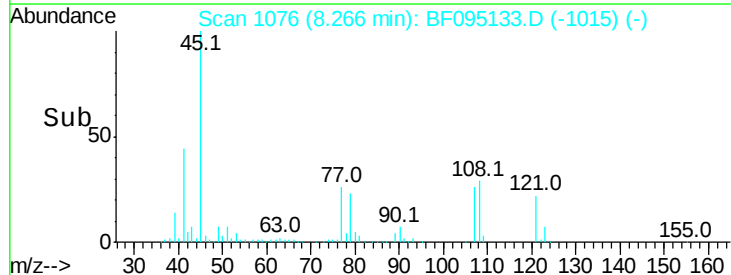
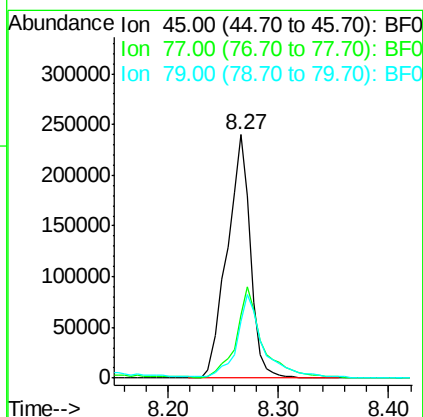
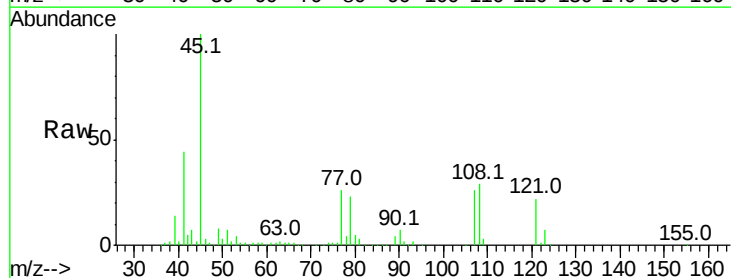
Instrument :
BNA_F
ClientSampleId :

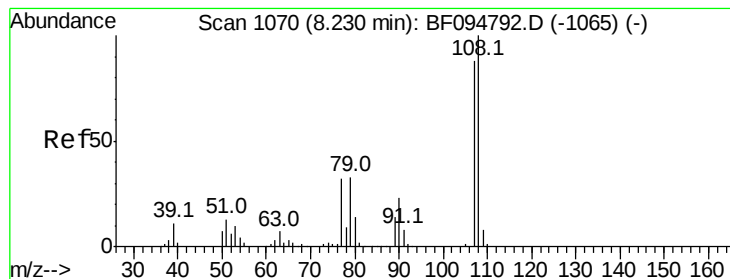
Tot Ion: 79 Resp: 232190
Ion Ratio Lower Upper
79 100
108 83.6 63.4 95.0
77 59.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.71 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion: 45 Resp: 353183
Ion Ratio Lower Upper
45 100
77 26.2 0.0 33.2
79 23.3 0.0 30.0





#17

2-Methylphenol

Concen: 44.12 ng

RT: 8.27 min Scan# 1077

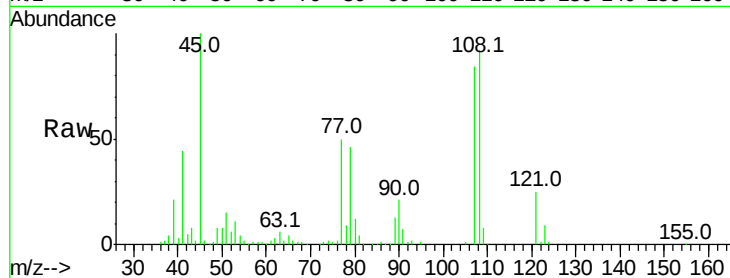
Delta R.T. 0.04 min

Lab File: BF095133.D

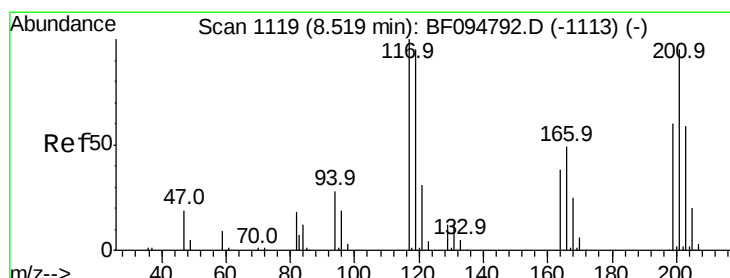
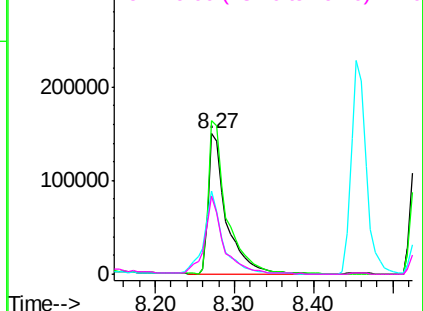
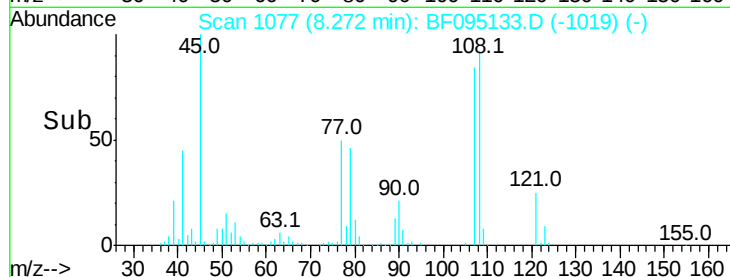
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	235544
Ion	Ratio	Lower	Upper
107	100		
108	109.8	93.4	140.0
77	59.8	35.8	53.6#
79	55.4	34.8	52.2#



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



#18

Hexachloroethane

Concen: 37.53 ng

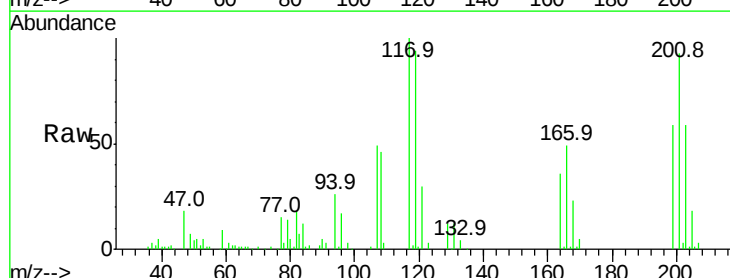
RT: 8.56 min Scan# 1126

Delta R.T. 0.04 min

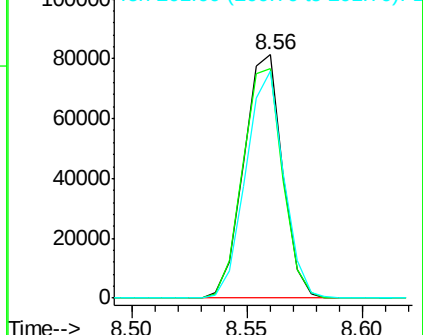
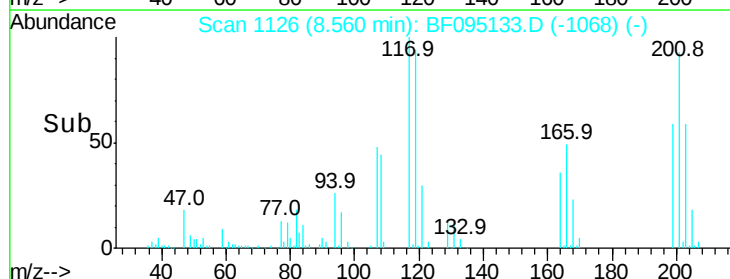
Lab File: BF095133.D

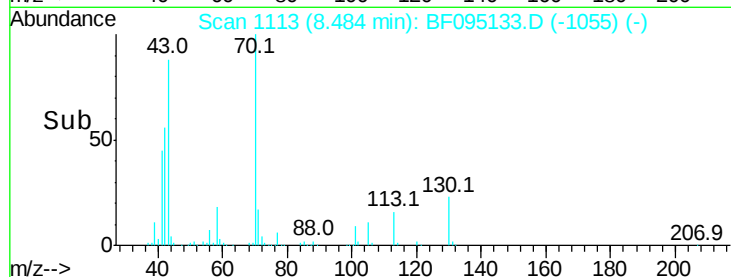
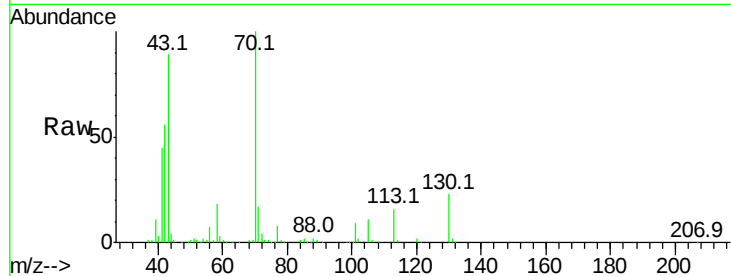
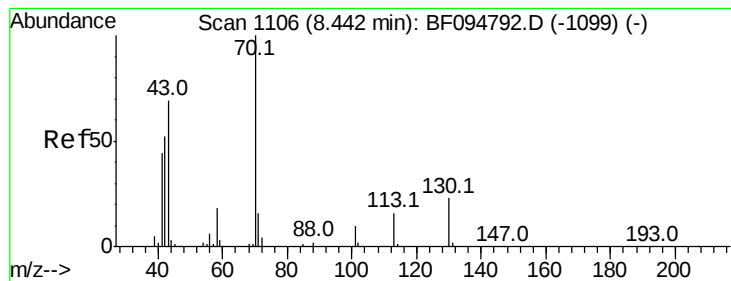
Acq: 15 May 2017 19:15

Tgt Ion:	117	Resp:	95423
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
201	93.3	94.6	141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 44.28 ng

RT: 8.48 min Scan# 1113

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 205979

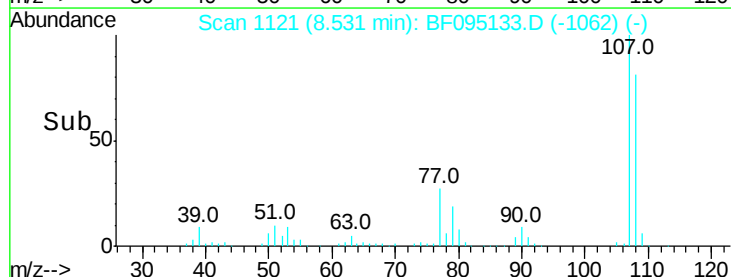
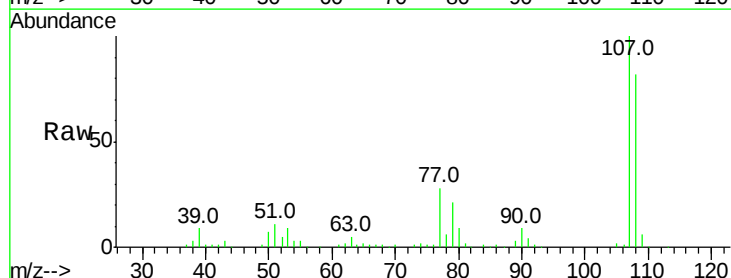
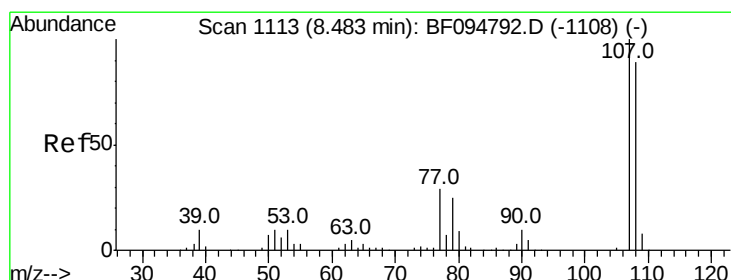
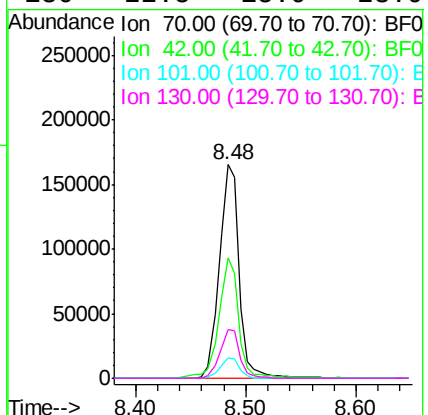
Ion Ratio Lower Upper

70 100

42 56.2 47.2 70.8

101 9.4 7.2 10.8

130 22.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 42.05 ng

RT: 8.53 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion: 107 Resp: 305064

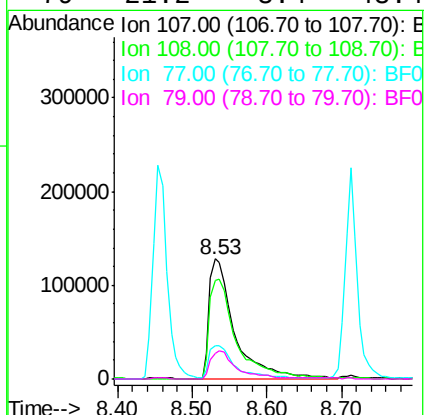
Ion Ratio Lower Upper

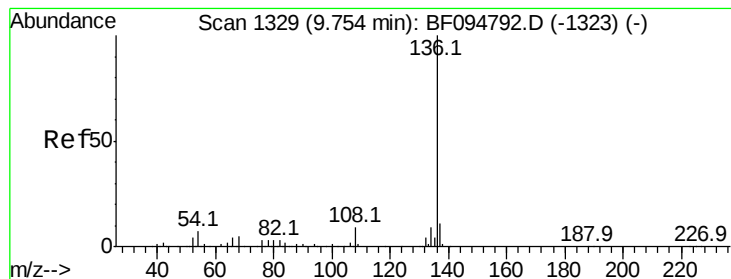
107 100

108 82.2 71.0 111.0

77 28.1 90.5 130.5#

79 21.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 380796

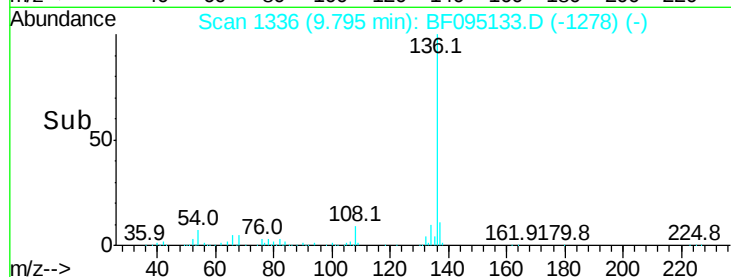
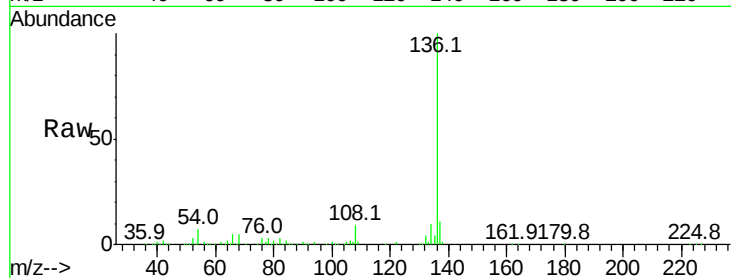
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

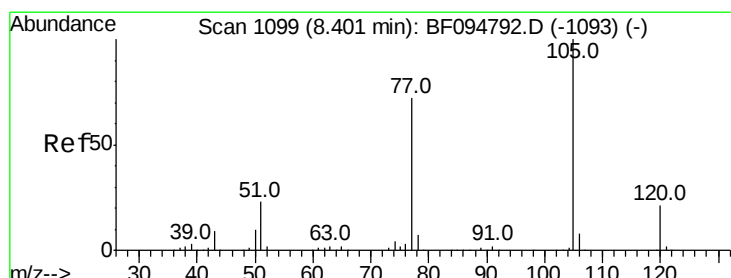
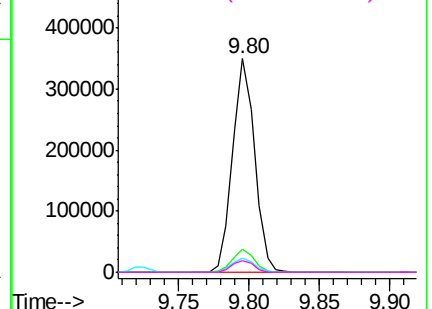


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.96 ng

RT: 8.45 min Scan# 1108

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:105 Resp: 410735

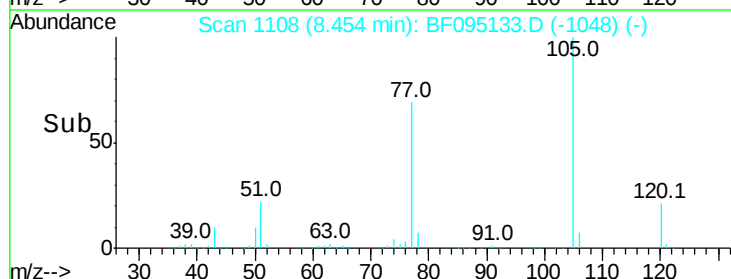
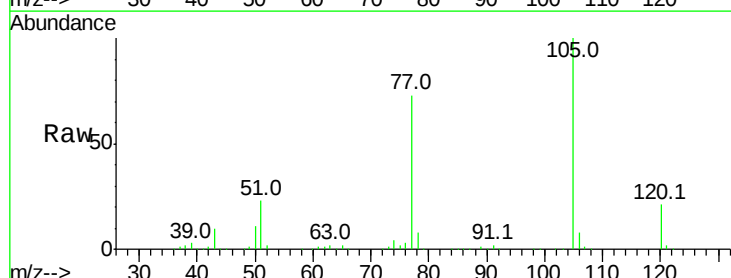
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.4 30.7 46.1#

120 21.0 17.4 26.0

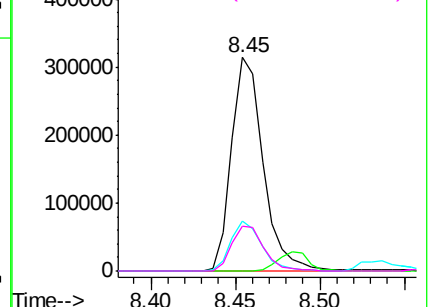


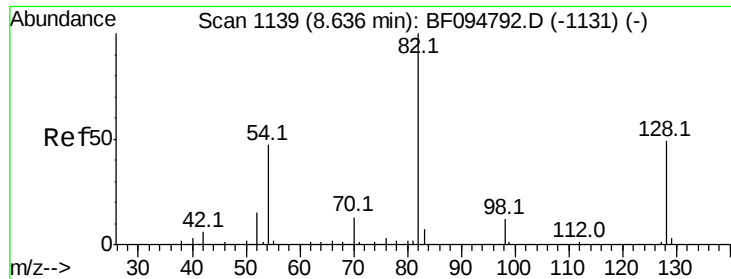
Abundance Ion 105.00 (104.70 to 105.70): E

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

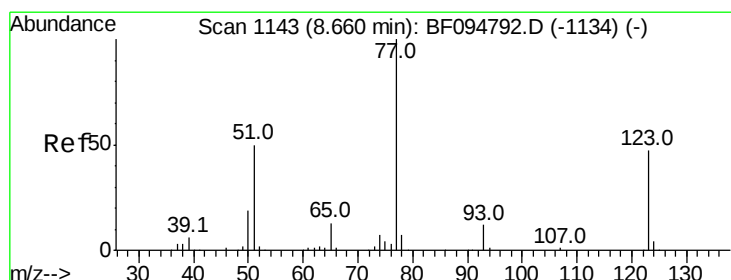
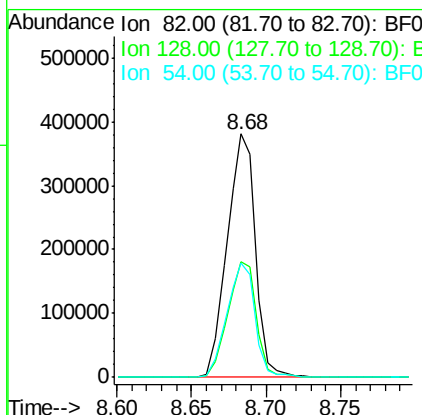
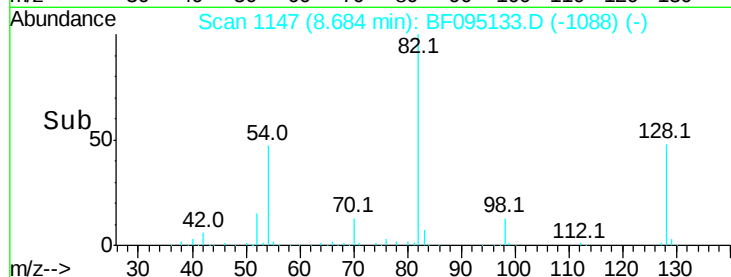
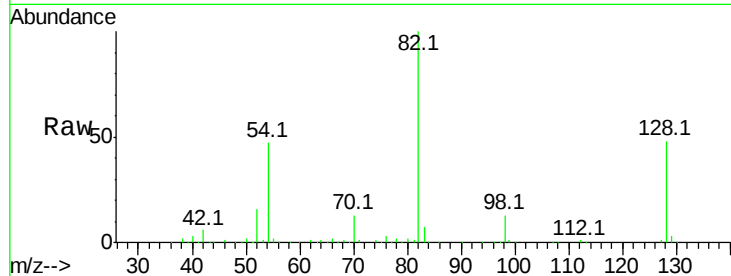




#23
 Nitrobenzene-d5
 Concen: 84.04 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

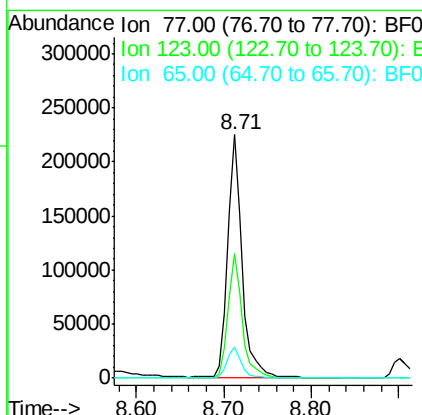
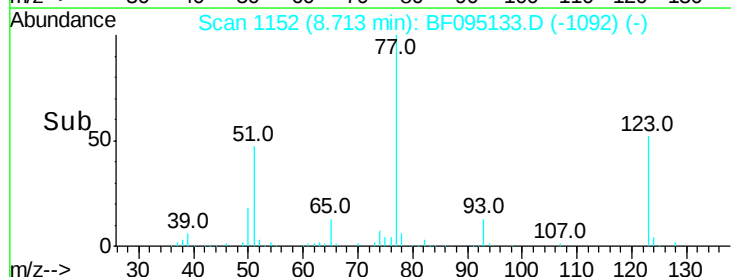
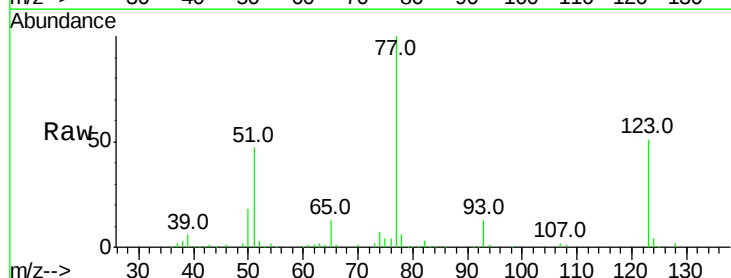
Instrument :
 BNA_F
 ClientSampled :

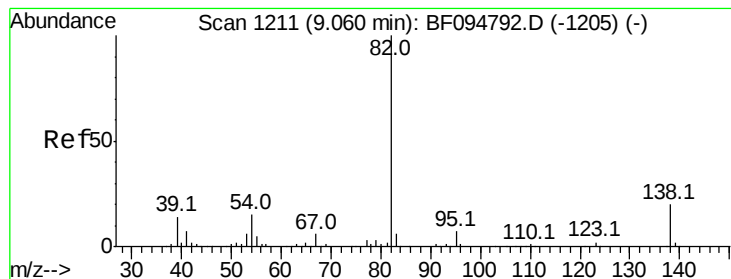
Tot Ion: 82 Resp: 507490
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 46.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.62 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion: 77 Resp: 257115
 Ion Ratio Lower Upper
 77 100
 123 51.3 35.8 53.8
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 46.52 ng

RT: 9.11 min Scan# 1220

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

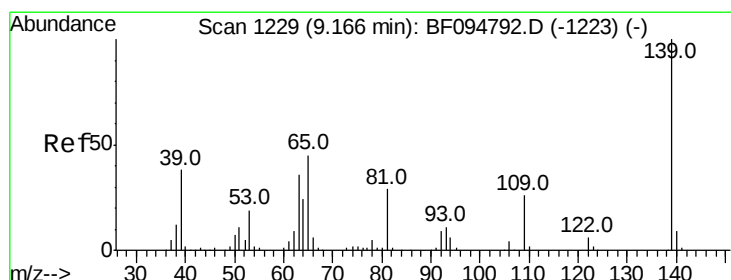
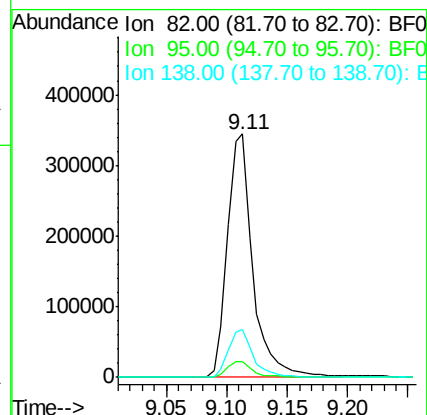
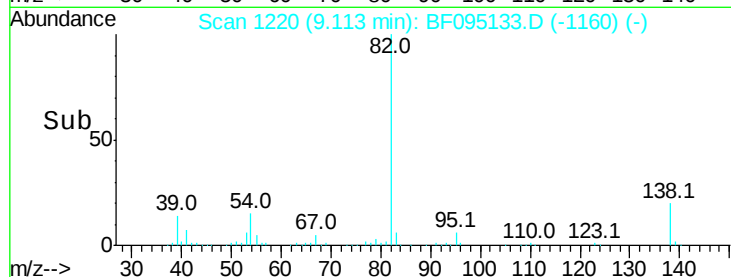
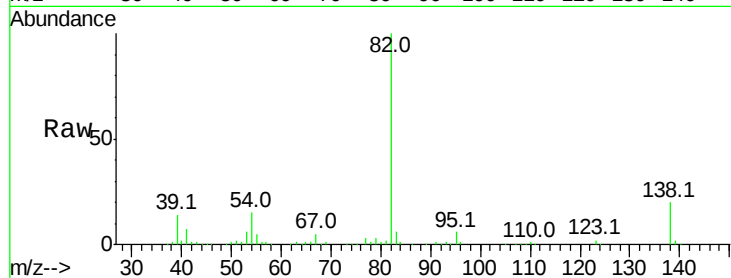
Tot Ion: 82 Resp: 501639

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 46.40 ng

RT: 9.22 min Scan# 1238

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

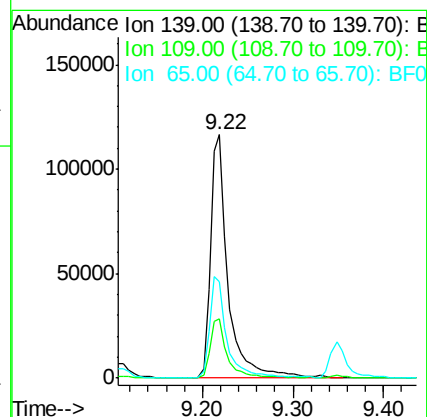
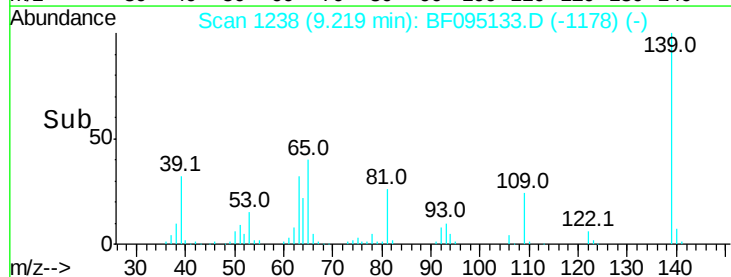
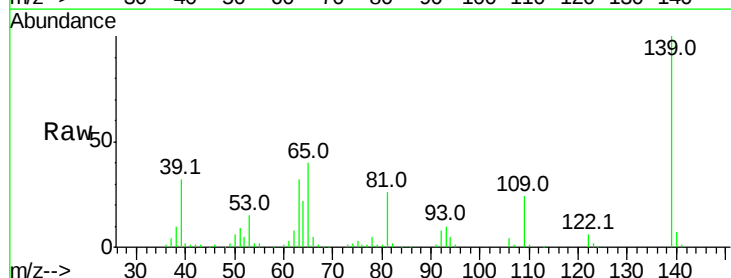
Tgt Ion:139 Resp: 158469

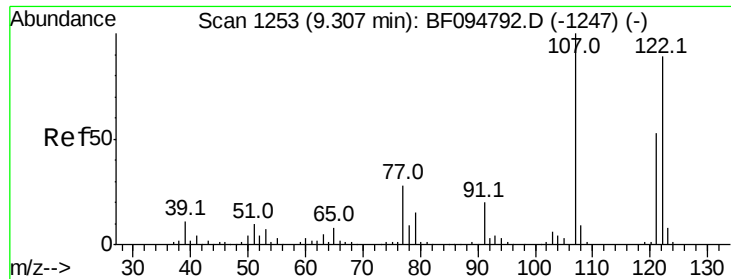
Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 39.6 33.0 49.6

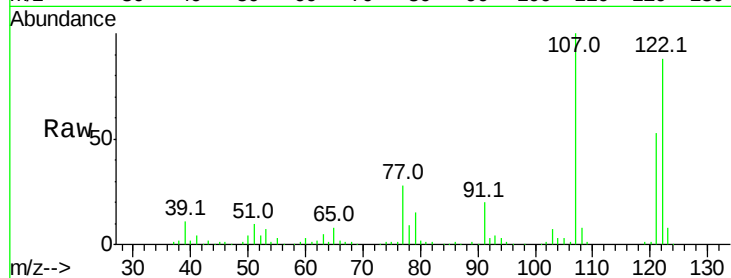




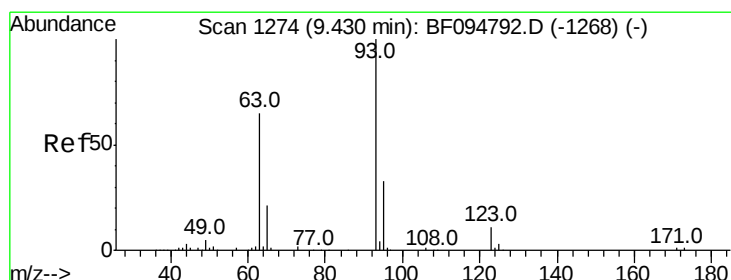
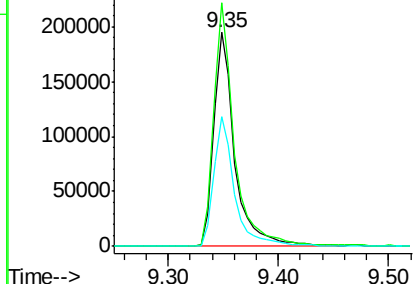
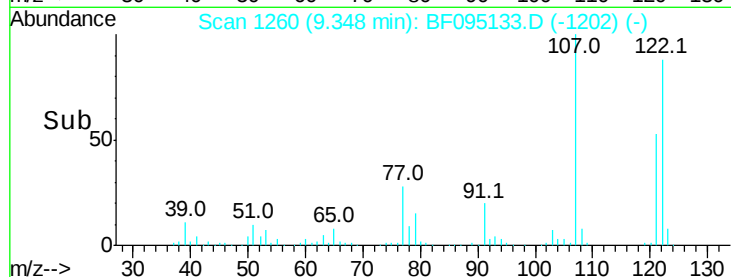
#27
 2,4-Dimethylphenol
 Concen: 46.11 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 254645
 Ion Ratio Lower Upper
 122 100
 107 113.8 89.2 133.8
 121 60.4 45.2 67.8

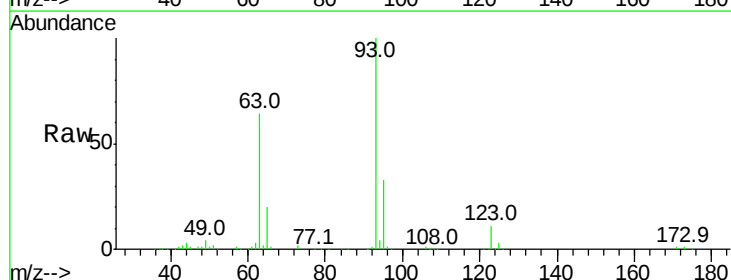


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

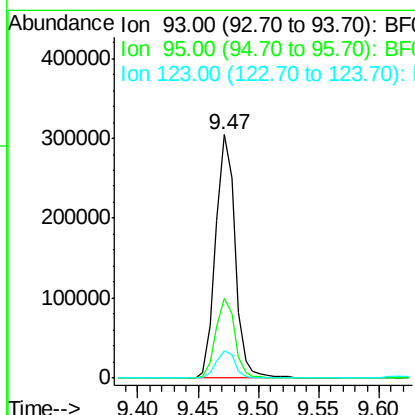
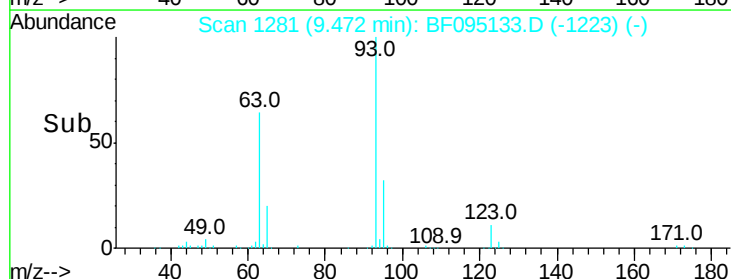


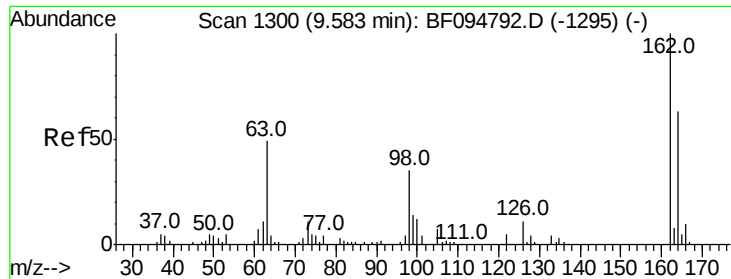
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.35 ng
 RT: 9.47 min Scan# 1281
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion: 93 Resp: 338269
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 11.2 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

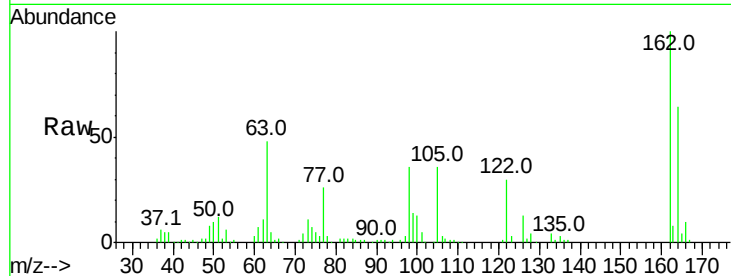




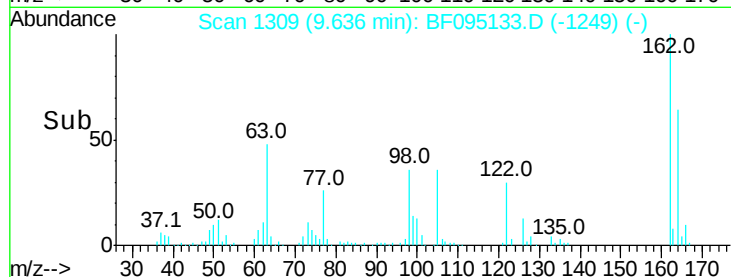
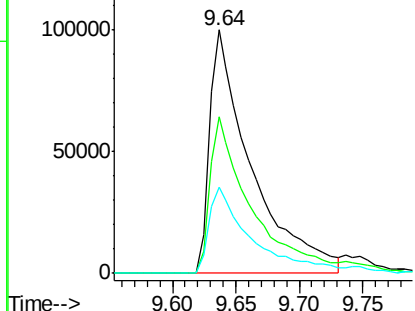
#29
 2,4-Dichlorophenol
 Concen: 43.92 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	35.5	14.8	54.8

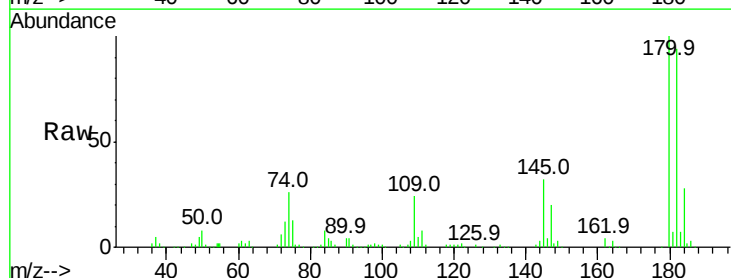


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

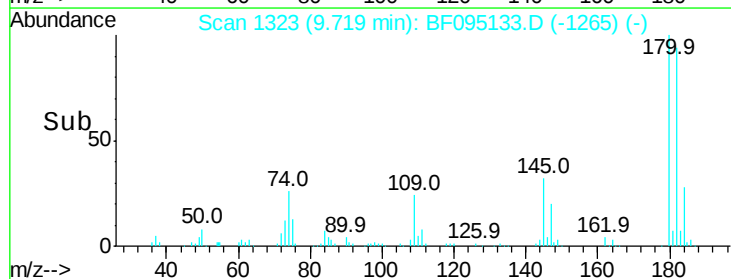
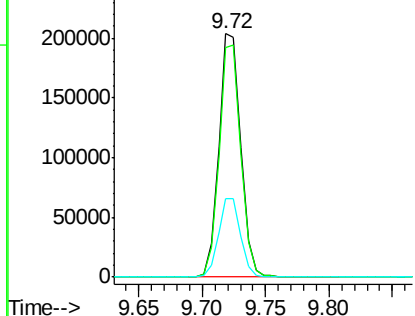


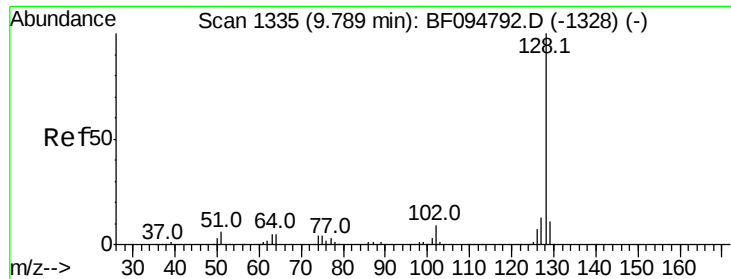
#30
 1,2,4-Trichlorobenzene
 Concen: 43.91 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	32.5	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

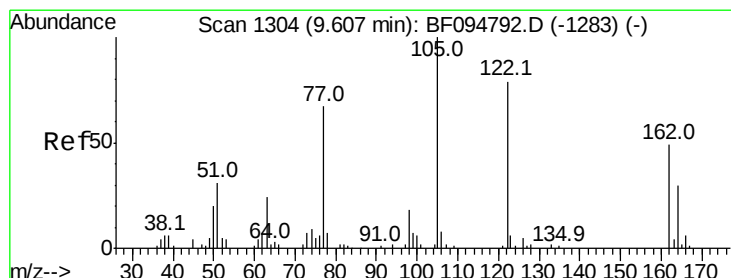
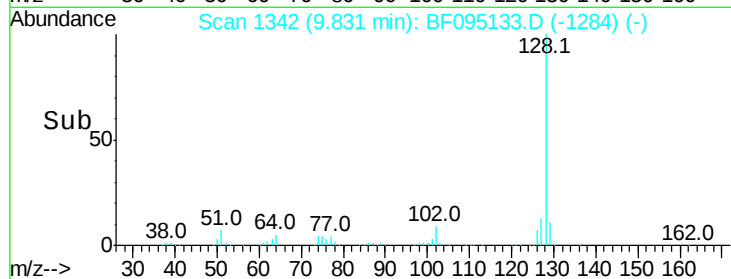
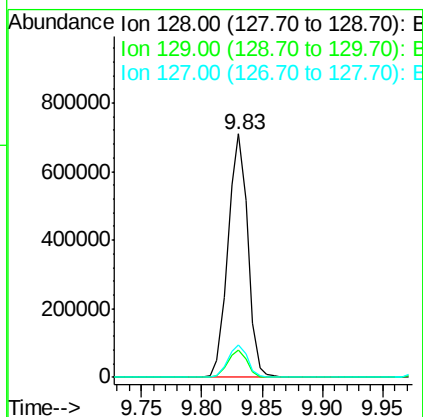
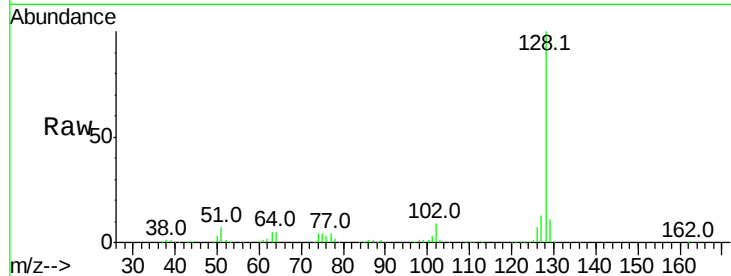




#31
Naphthalene
Concen: 42.14 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

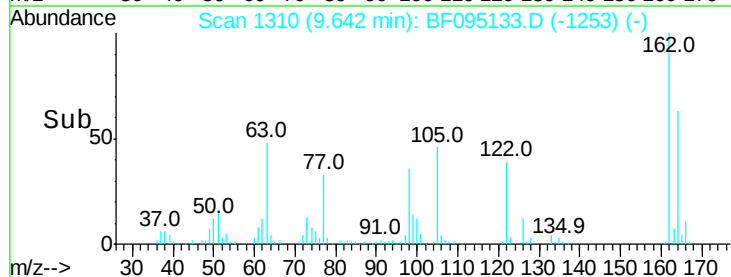
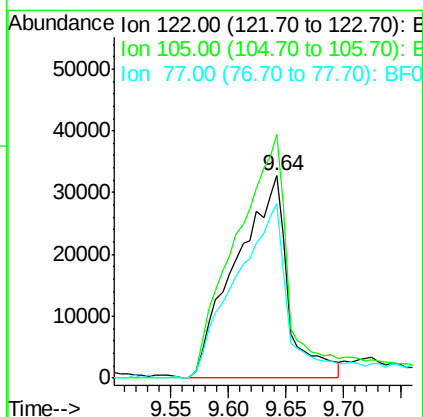
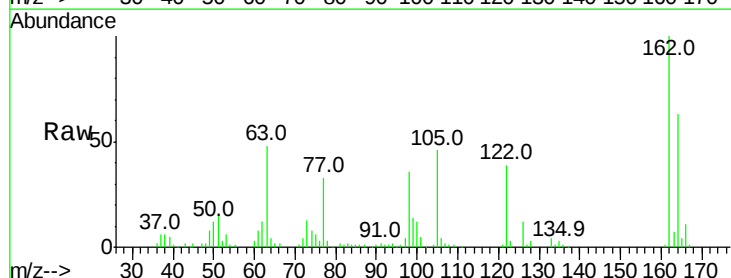
Instrument :
BNA_F
ClientSampleId :

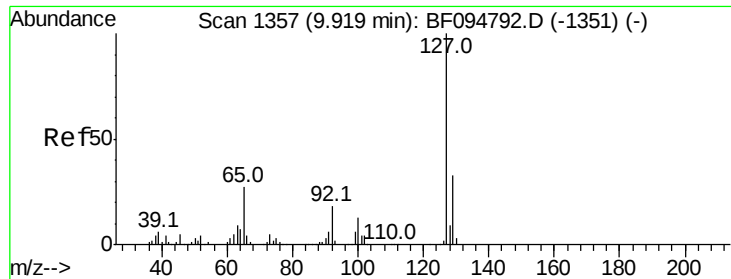
Tot Ion:128 Resp: 806526
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 30.46 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:122 Resp: 102904
Ion Ratio Lower Upper
122 100
105 120.5 103.3 143.3
77 86.1 73.7 113.7

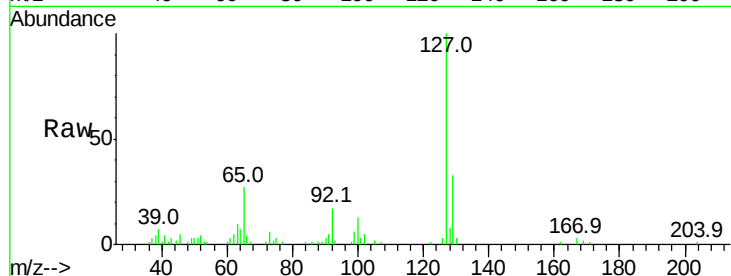




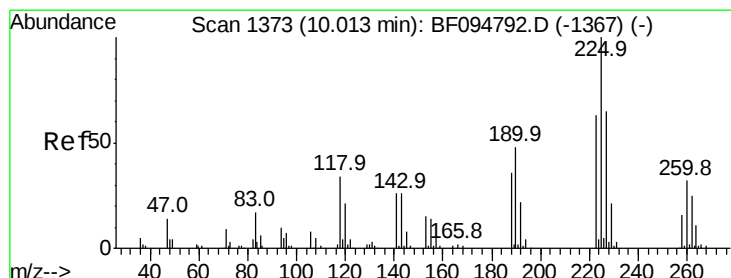
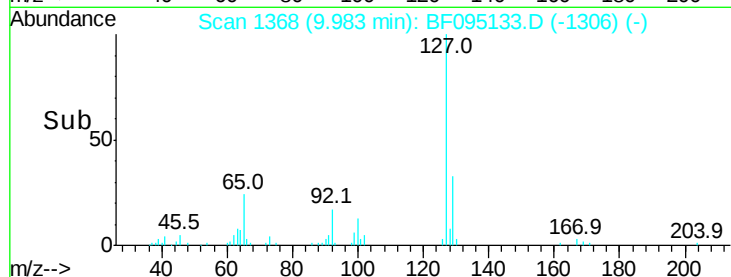
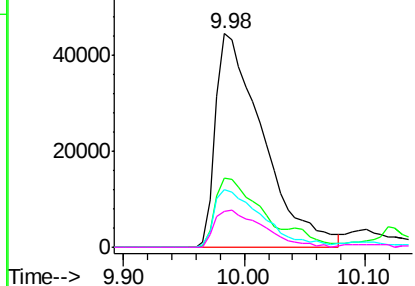
#33
4-Chloroaniline
Concen: 16.94 ng
RT: 9.98 min Scan# 1368
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	120850
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	26.9	27.8	41.8#
92	16.9	16.8	25.2

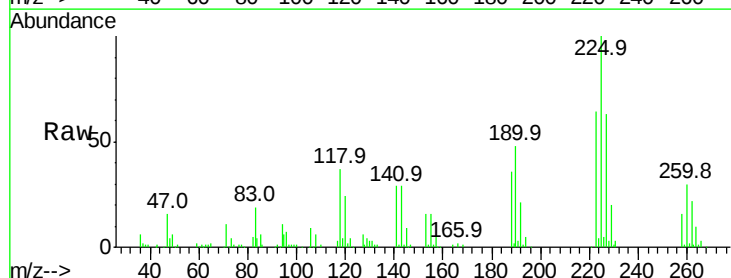


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

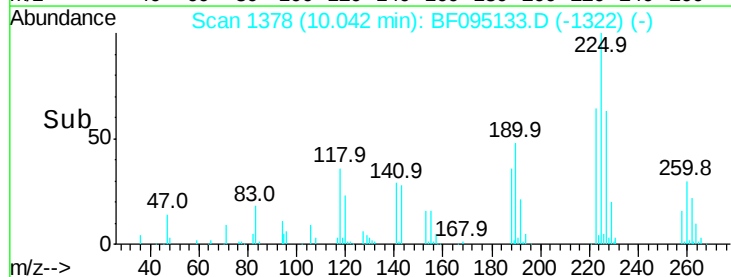
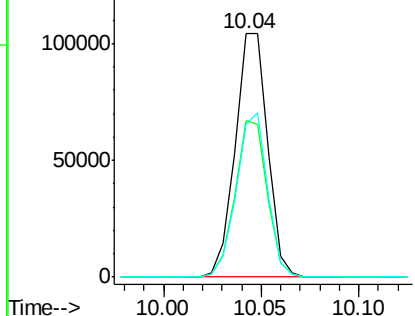


#34
Hexachlorobutadiene
Concen: 40.70 ng
RT: 10.04 min Scan# 1378
Delta R.T. 0.03 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:	225	Resp:	119958
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	62.8	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: 21.23 ng

RT: 10.60 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

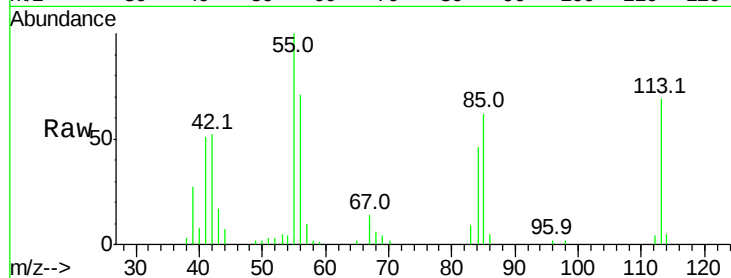
Tot Ion:113 Resp: 33245

Ion Ratio Lower Upper

113 100

55 144.5 150.2 190.2#

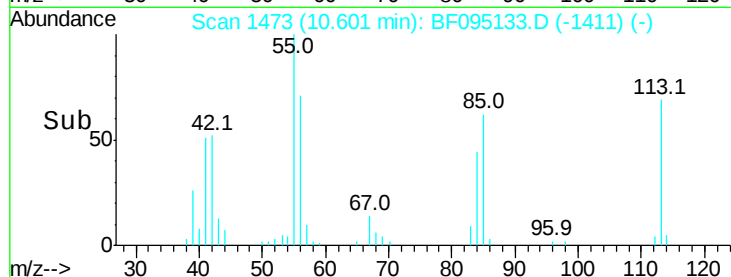
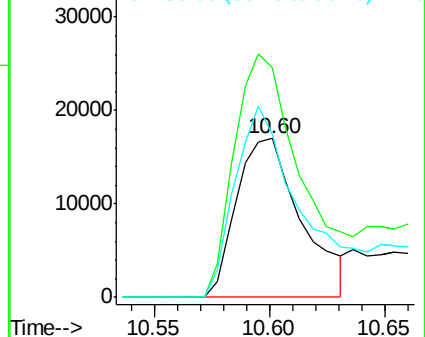
56 102.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.44 ng

RT: 10.82 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

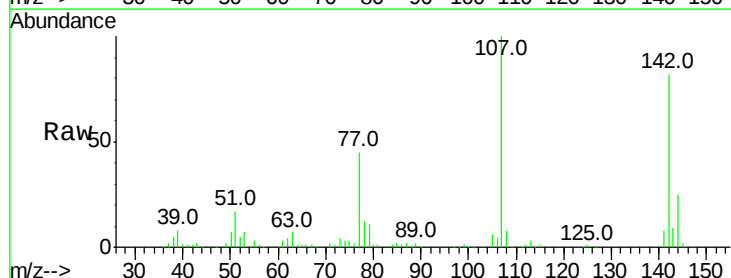
Tgt Ion:107 Resp: 219887

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

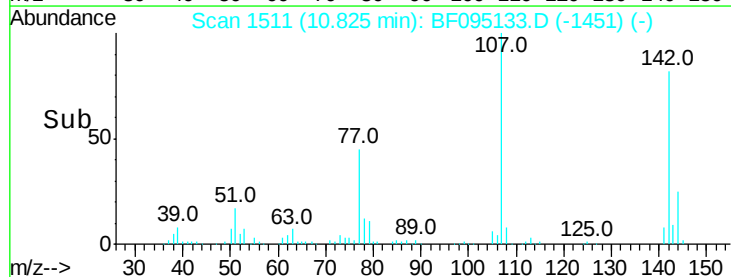
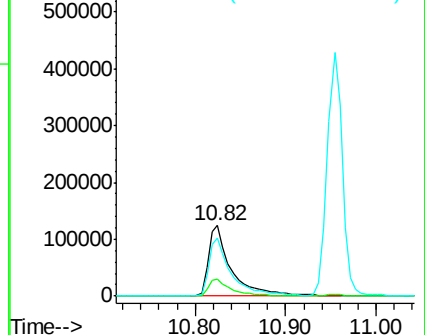
142 82.1 73.4 110.0

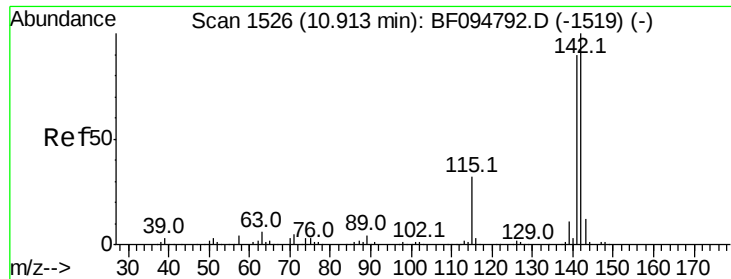


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

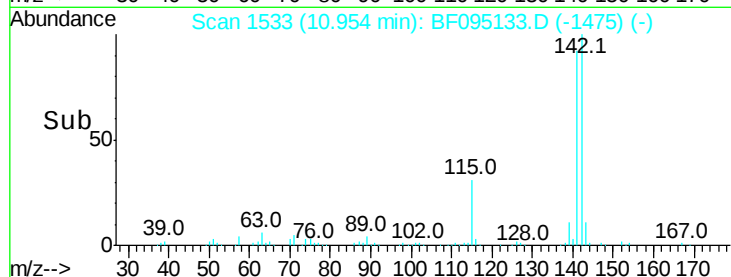
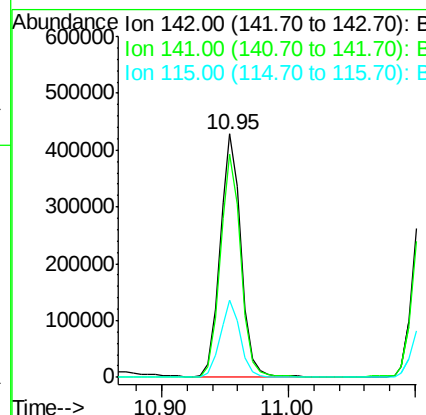
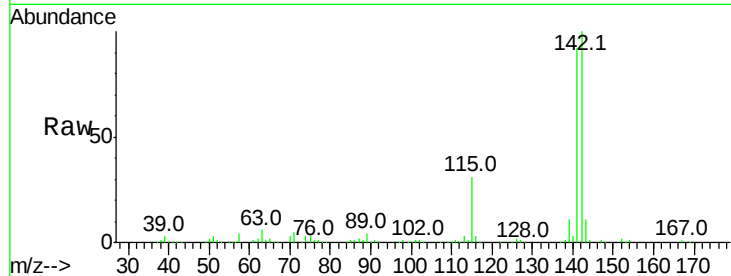




#37
2-Methylnaphthalene
Concen: 39.23 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

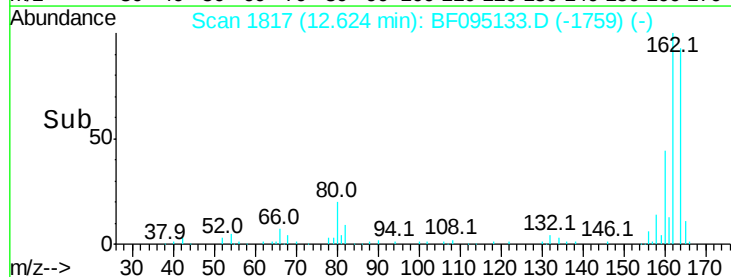
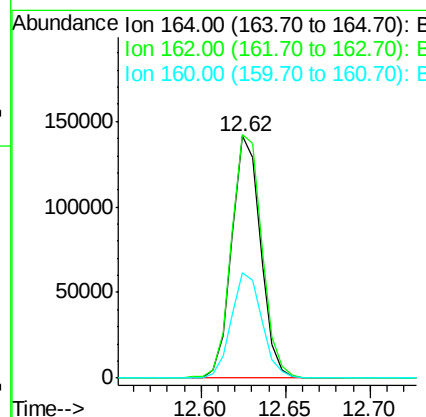
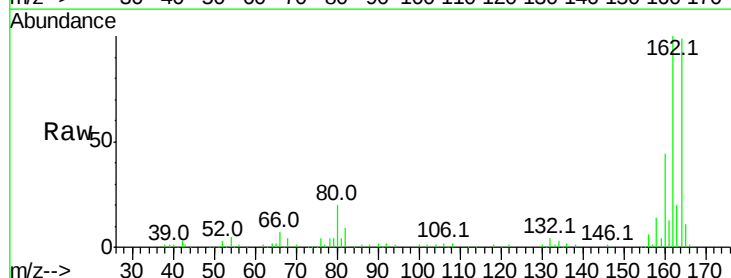
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 492773
Ion Ratio Lower Upper
142 100
141 91.5 71.3 106.9
115 31.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:164 Resp: 167383
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 43.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.45 ng

RT: 11.23 min Scan# 1580

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 203084

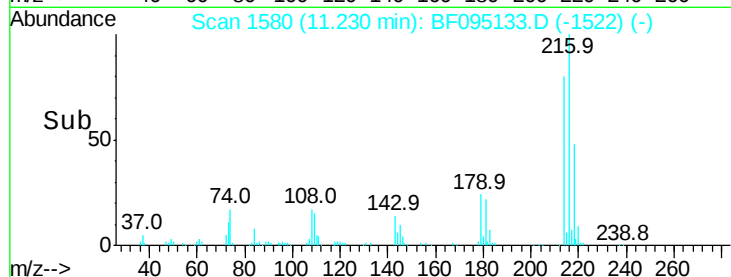
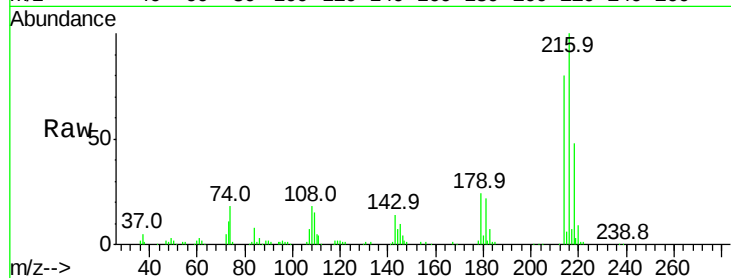
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.3 17.9 26.9

108 18.8 16.5 24.7

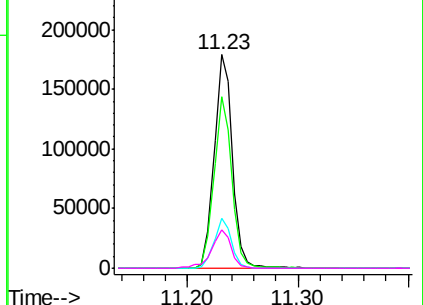


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.20 ng

RT: 11.21 min Scan# 1576

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

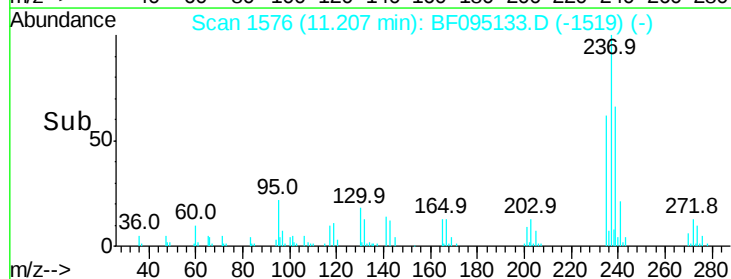
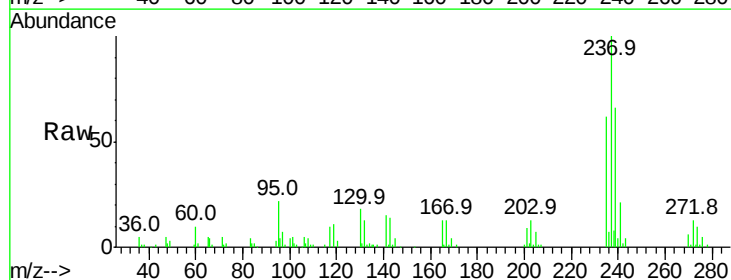
Tgt Ion:237 Resp: 77607

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

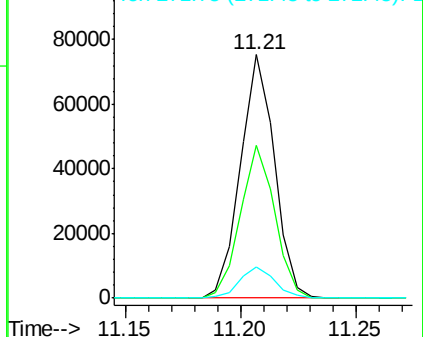
272 12.7 0.0 31.9

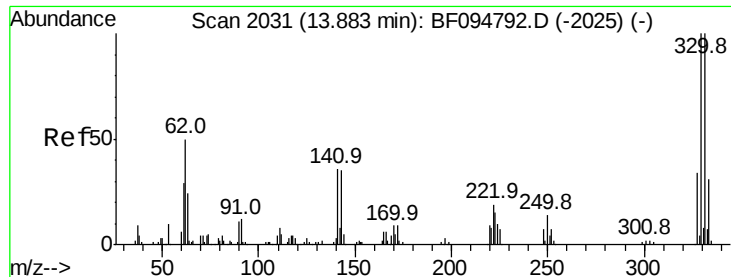


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

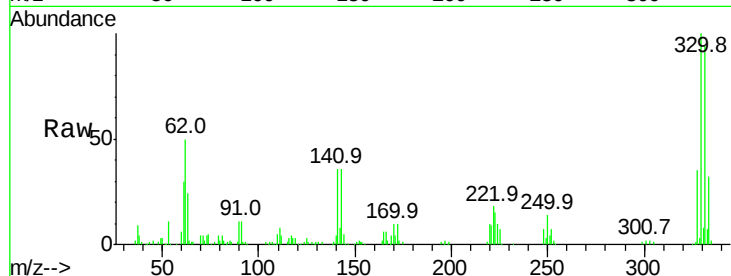




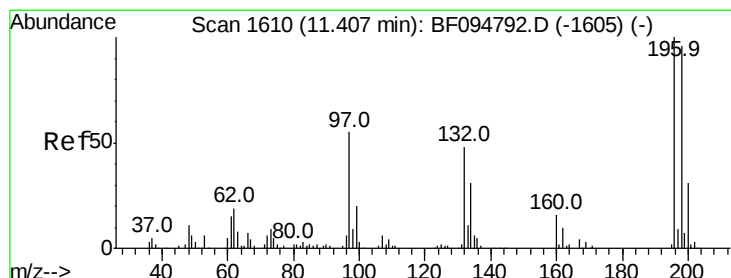
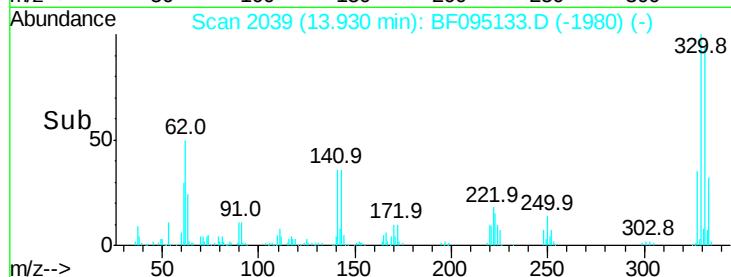
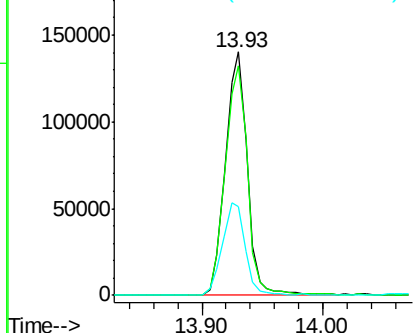
#41
 2,4,6-Tribromophenol
 Concen: 128.97 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 176795
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.6 31.4 47.2

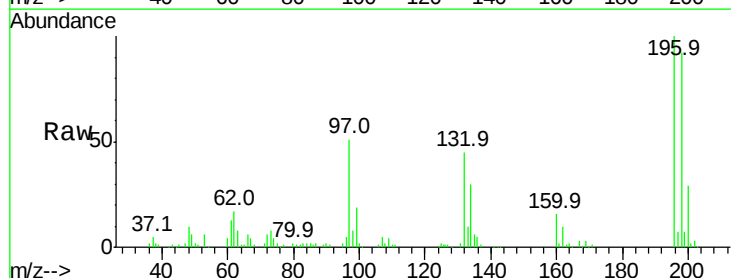


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

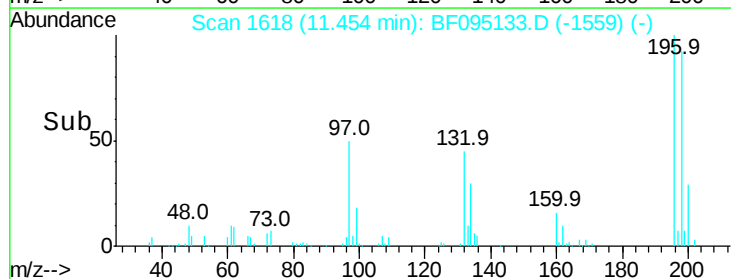
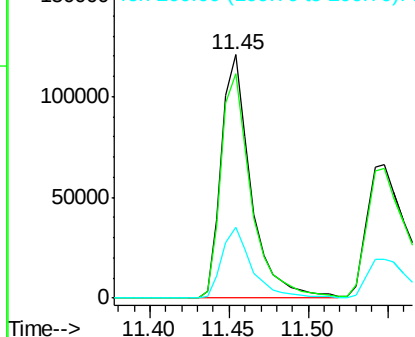


#42
 2,4,6-Trichlorophenol
 Concen: 45.64 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:196 Resp: 156843
 Ion Ratio Lower Upper
 196 100
 198 92.0 74.2 111.4
 200 29.3 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

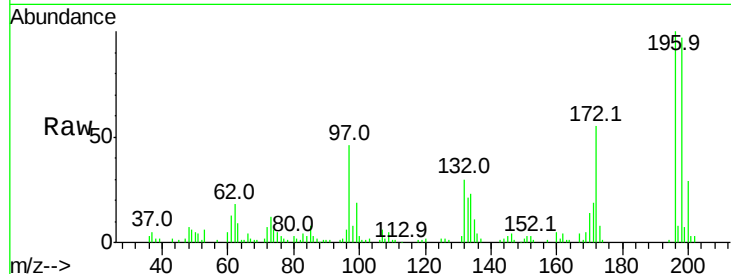




#43
 2,4,5-Trichlorophenol
 Concen: 38.51 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.06 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
97	46.3	47.7	71.5#
132	29.8	28.0	42.0



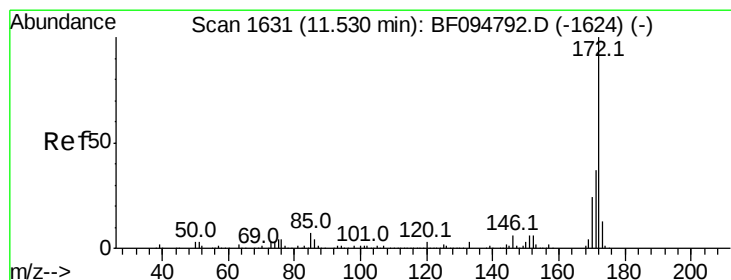
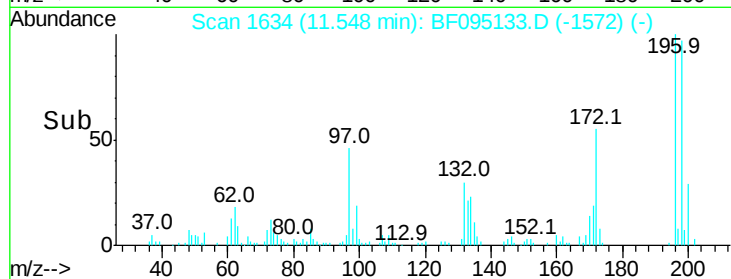
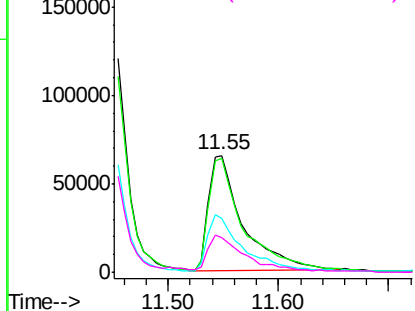
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

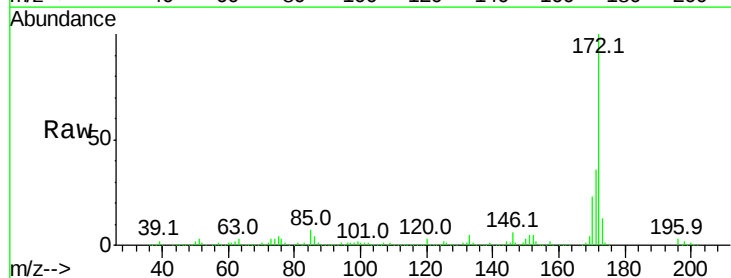
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.88 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.4	19.8	29.8

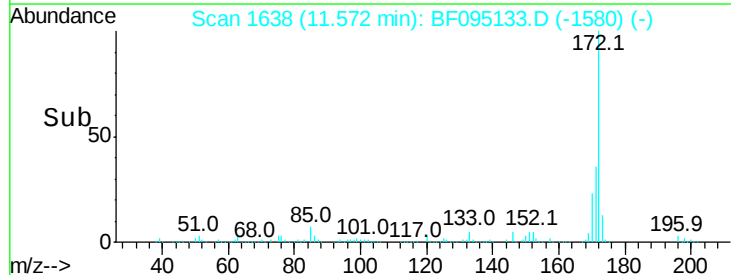
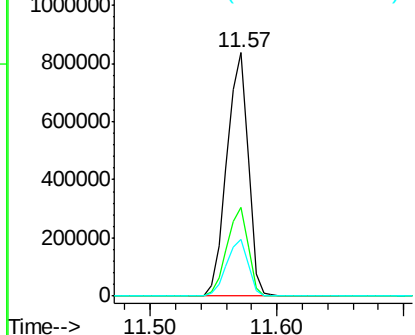


Abundance

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: 42.56 ng

RT: 11.72 min Scan# 1663

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

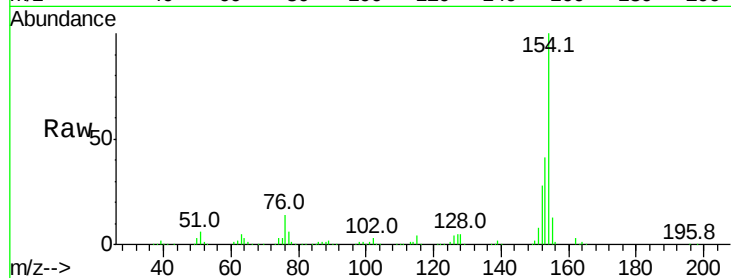
Tot Ion:154 Resp: 599733

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

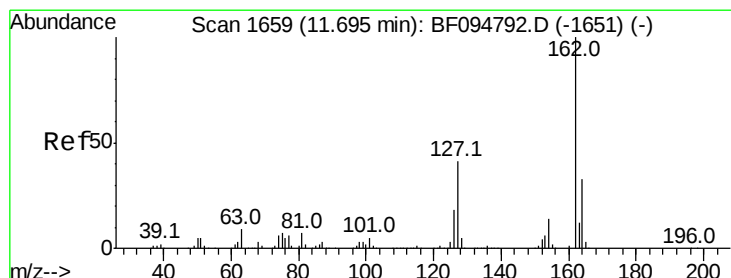
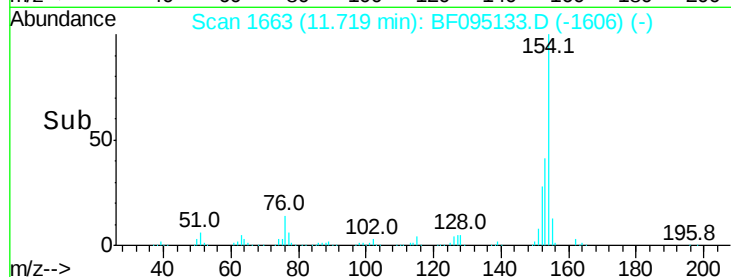
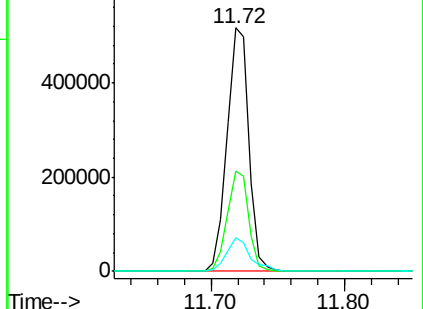
76 13.6 0.0 29.9



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: 42.13 ng

RT: 11.74 min Scan# 1666

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

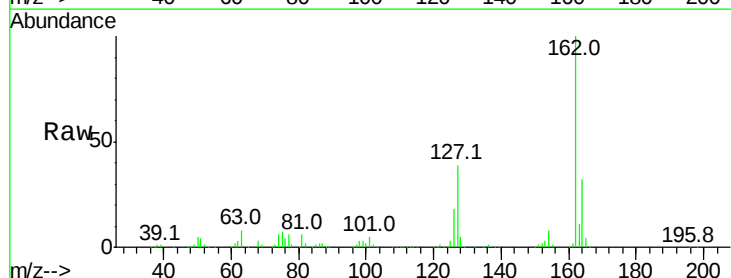
Tgt Ion:162 Resp: 479376

Ion Ratio Lower Upper

162 100

127 39.0 28.3 42.5

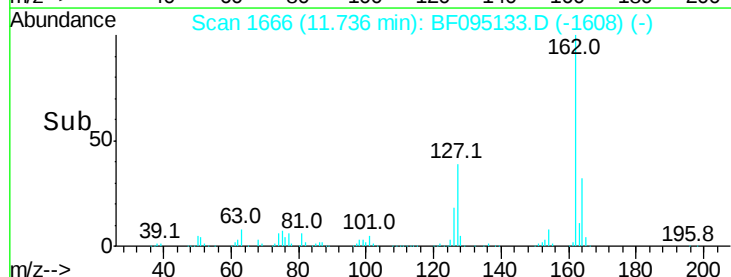
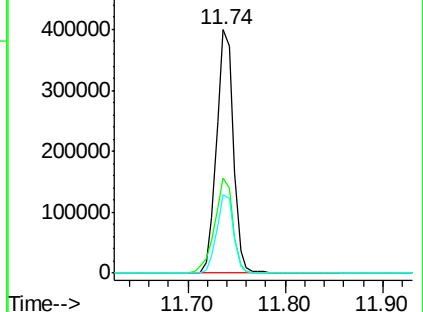
164 32.0 27.0 40.4

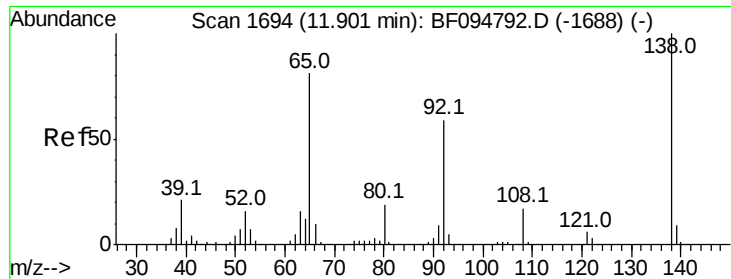


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.68 ng

RT: 11.95 min Scan# 1703

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampled :

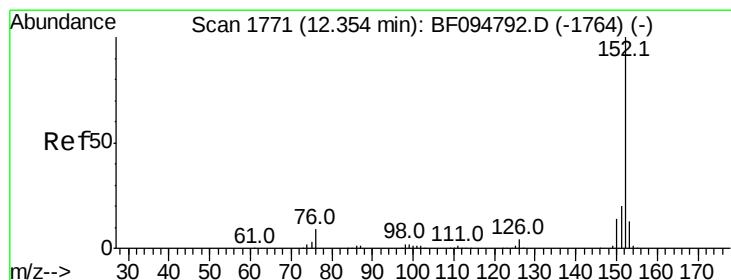
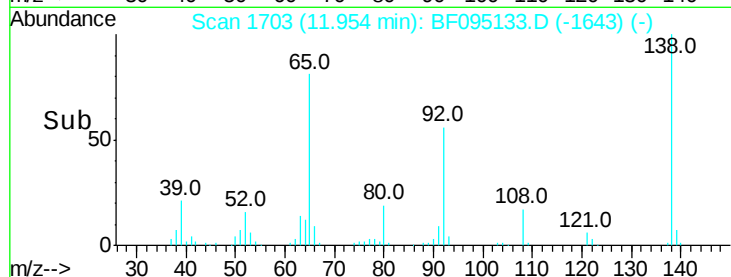
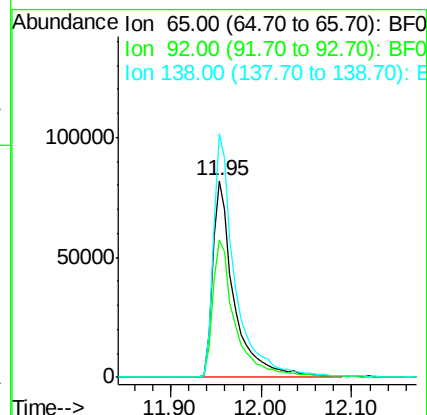
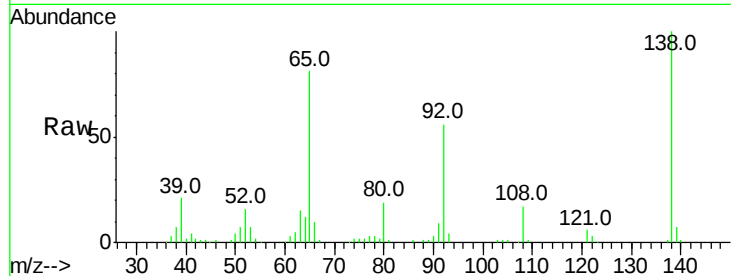
Tot Ion: 65 Resp: 136030

Ion Ratio Lower Upper

65 100

92 69.9 53.9 80.9

138 123.9 78.8 118.2#



#48

Acenaphthylene

Concen: 43.86 ng

RT: 12.40 min Scan# 1778

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

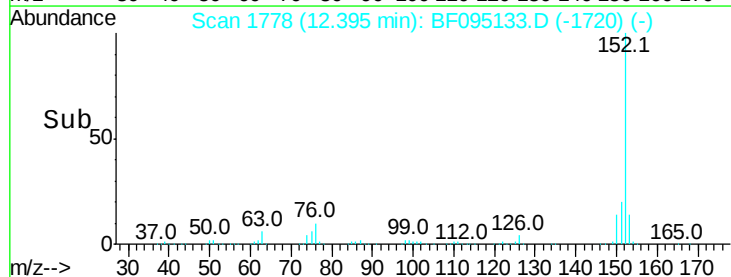
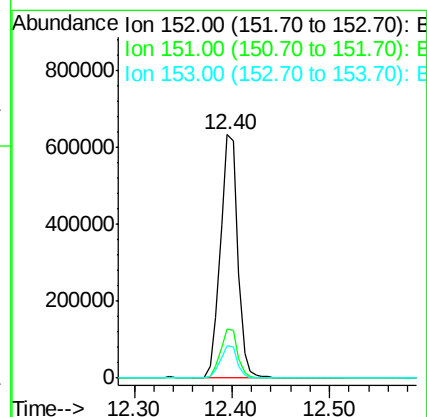
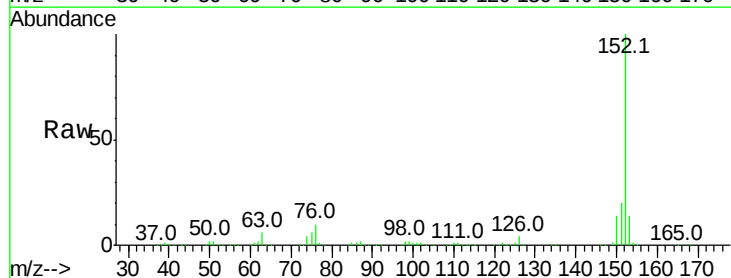
Tgt Ion: 152 Resp: 781820

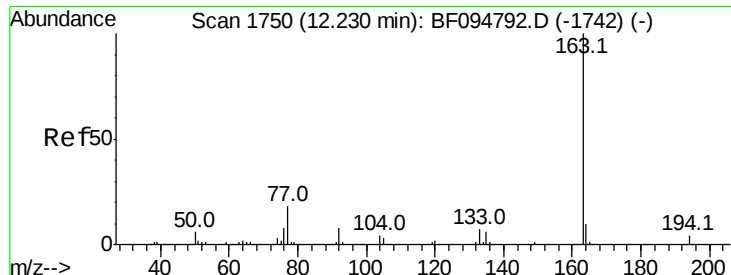
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 52.83 ng

RT: 12.27 min Scan# 1757

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

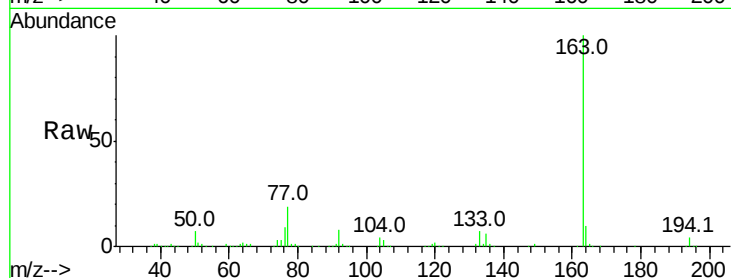
Tot Ion:163 Resp: 725898

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

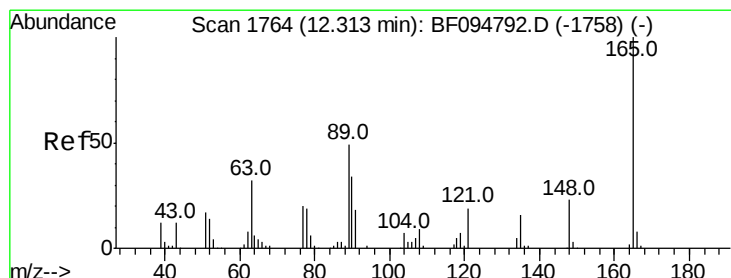
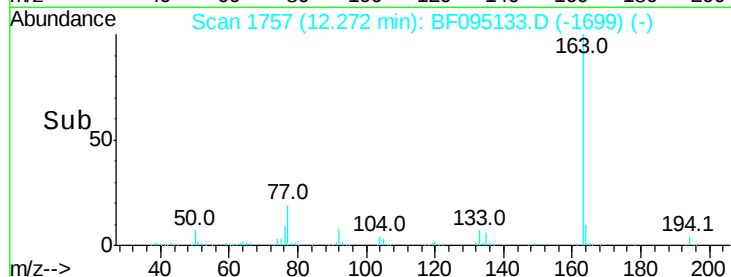
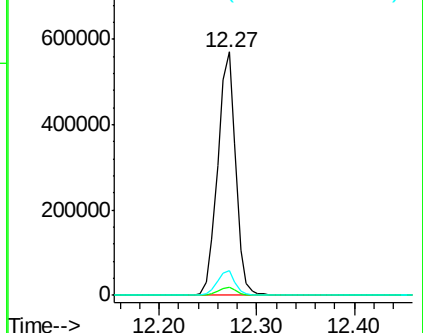
164 10.2 8.4 12.6



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: 46.73 ng

RT: 12.37 min Scan# 1773

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

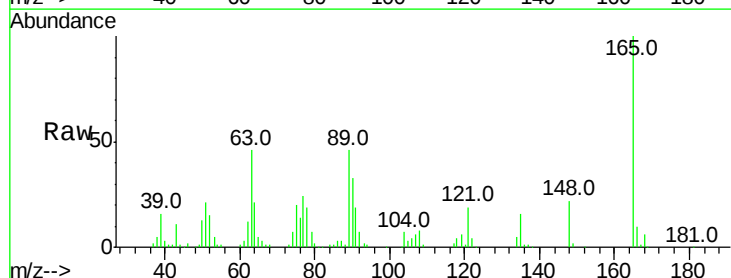
Tgt Ion:165 Resp: 130988

Ion Ratio Lower Upper

165 100

63 46.3 34.3 51.5

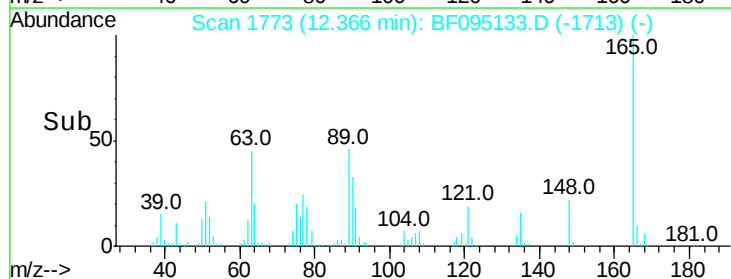
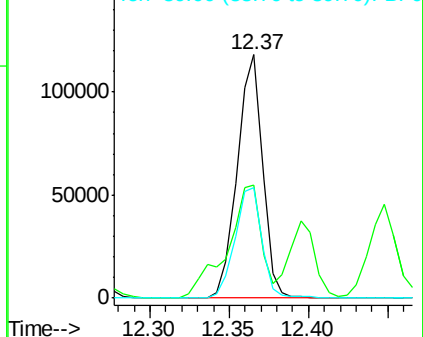
89 45.6 37.1 55.7

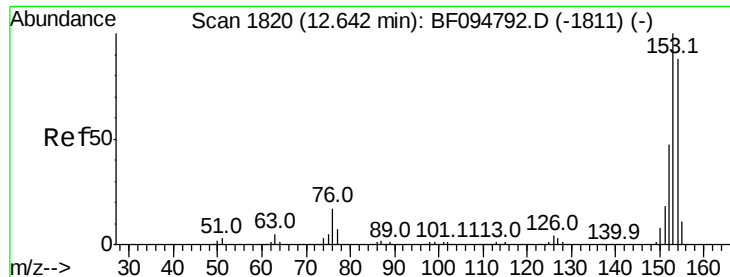


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.20 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

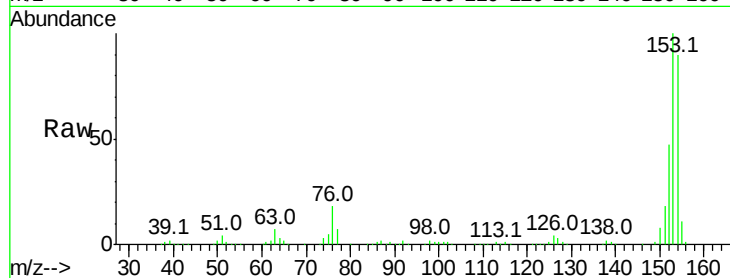
Tot Ion:154 Resp: 459897

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

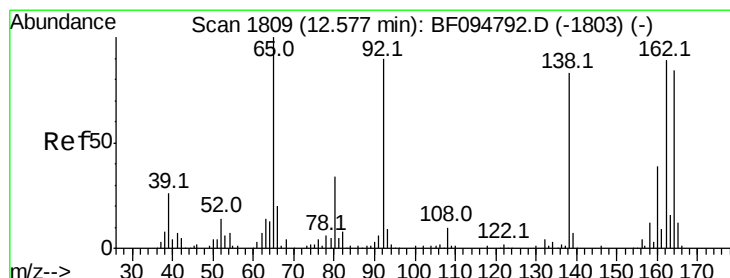
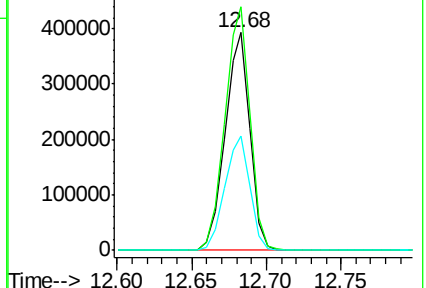
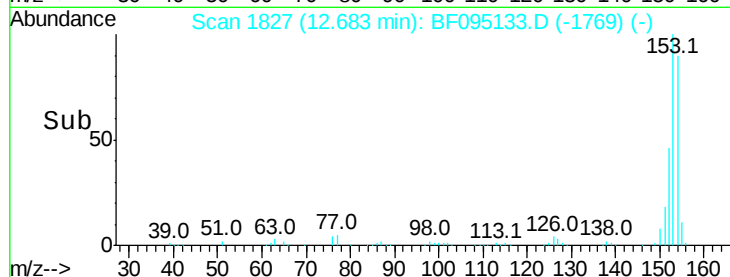
152 52.2 43.6 65.4



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: 26.38 ng

RT: 12.64 min Scan# 1820

Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

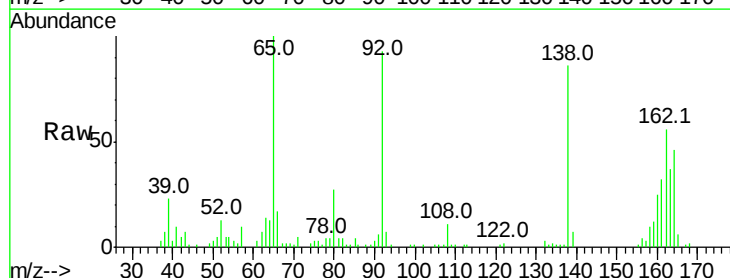
Tgt Ion:138 Resp: 79369

Ion Ratio Lower Upper

138 100

108 12.3 9.1 13.7

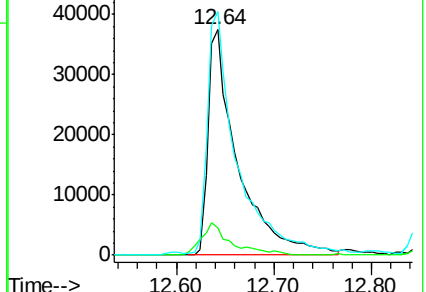
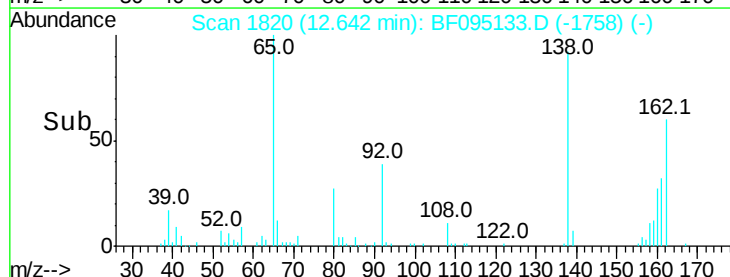
92 108.0 93.8 140.6

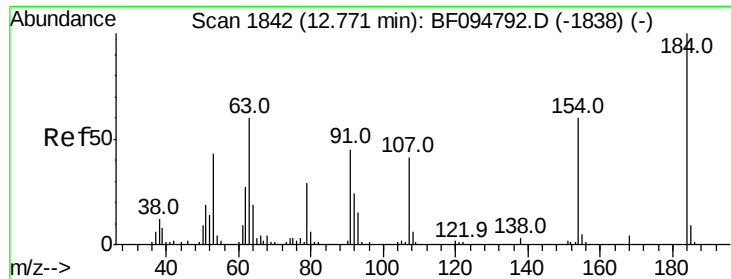


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

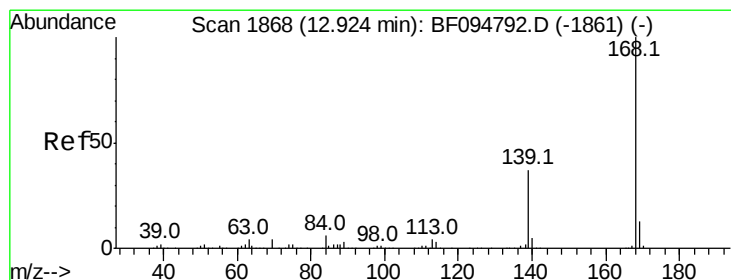
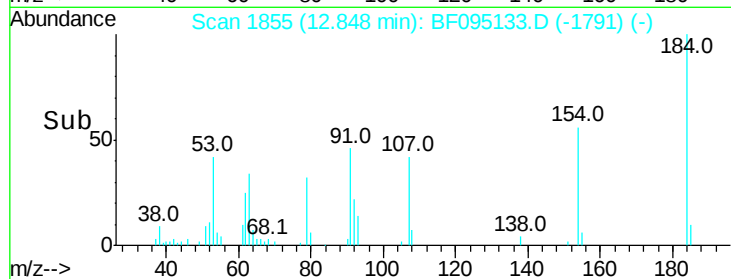
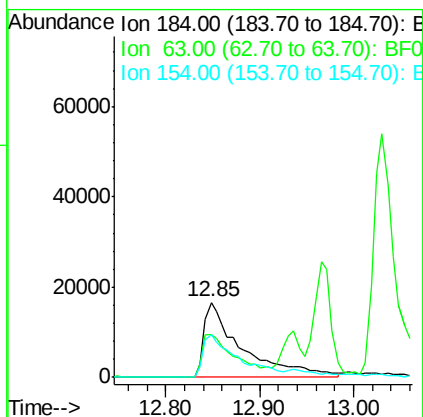
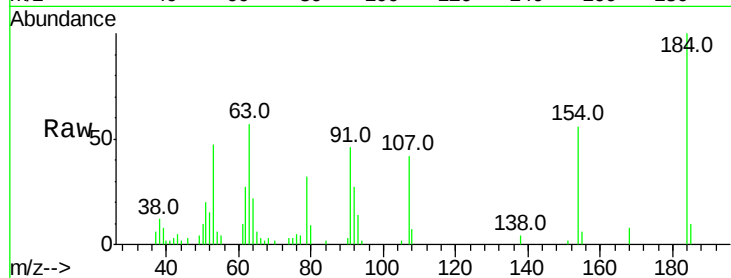




#53
 2,4-Dinitrophenol
 Concen: 34.08 ng
 RT: 12.85 min Scan# 1855
 Delta R.T. 0.08 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

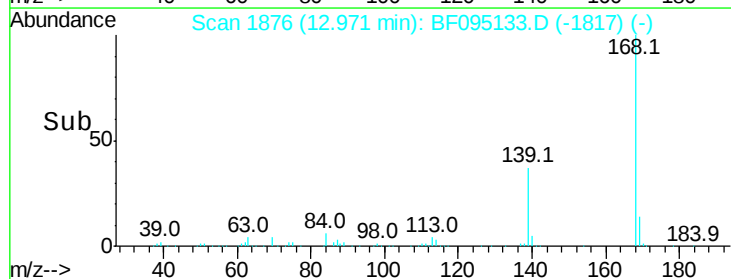
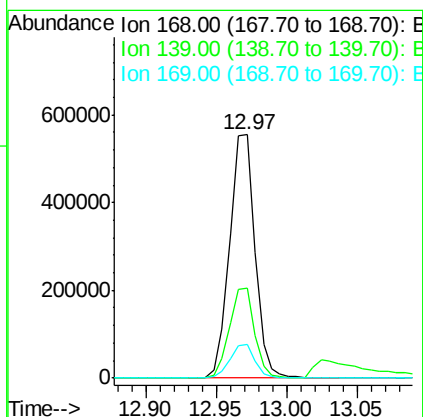
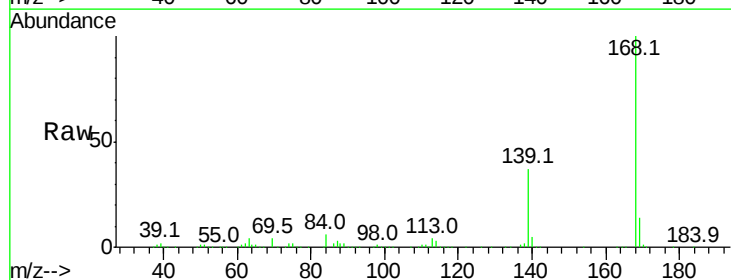
Instrument :
 BNA_F
 ClientSampleId :

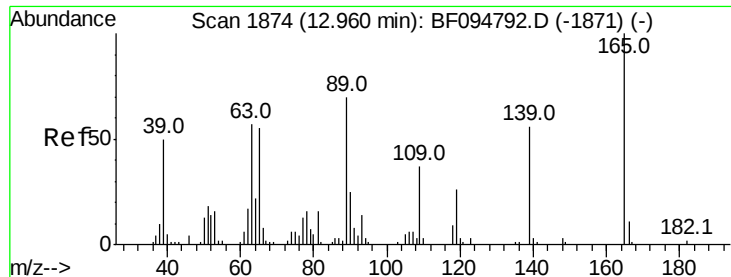
Tot Ion:184 Resp: 46620
 Ion Ratio Lower Upper
 184 100
 63 57.2 62.7 94.1#
 154 56.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 47.34 ng
 RT: 12.97 min Scan# 1876
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:168 Resp: 697457
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.8 10.8 16.2

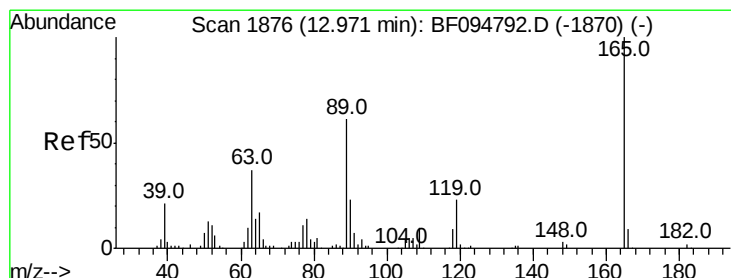
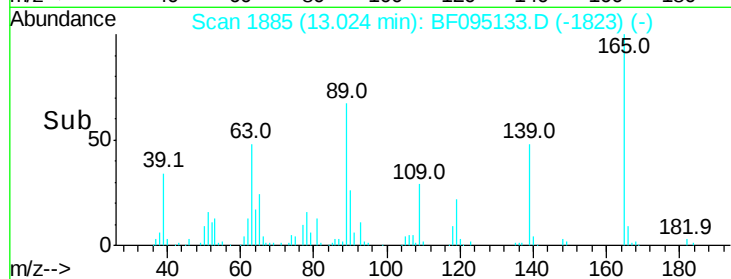
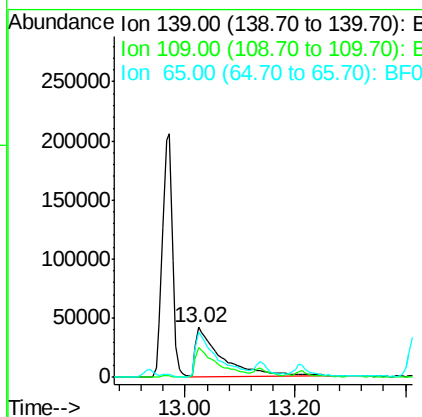
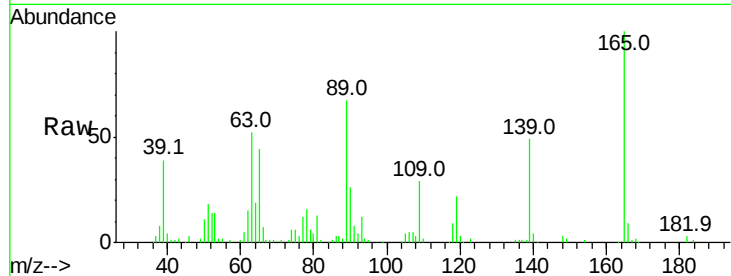




#55
4-Nitrophenol
Concen: 78.27 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

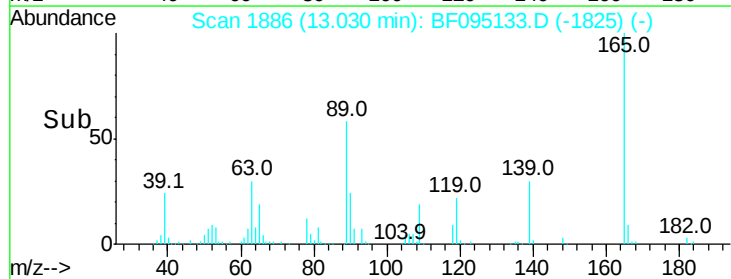
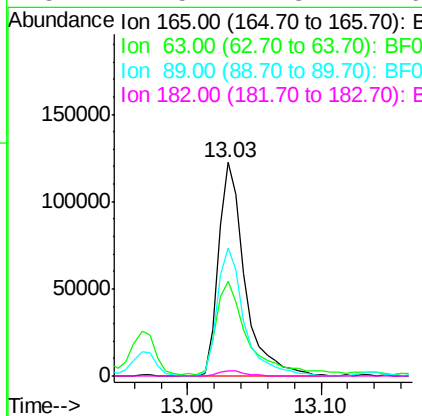
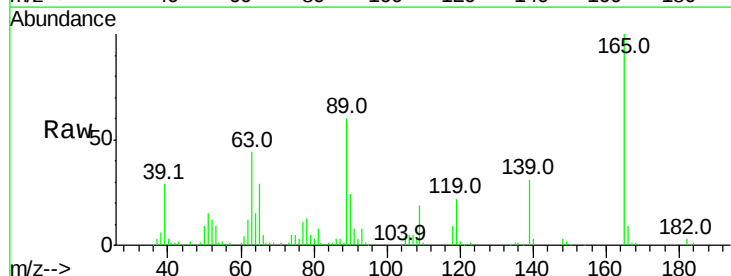
Instrument :
BNA_F
ClientSampled :

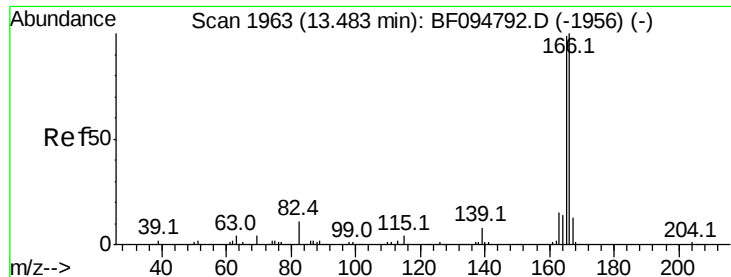
Tot Ion:139 Resp: 141447
Ion Ratio Lower Upper
139 100
109 59.7 34.1 74.1
65 89.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.26 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:165 Resp: 170247
Ion Ratio Lower Upper
165 100
63 44.1 25.4 38.0#
89 59.7 46.4 69.6
182 2.5 1.8 2.6

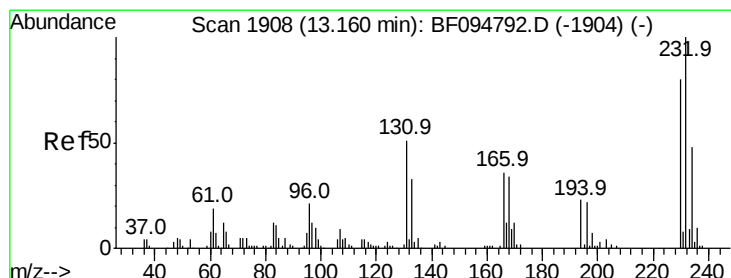
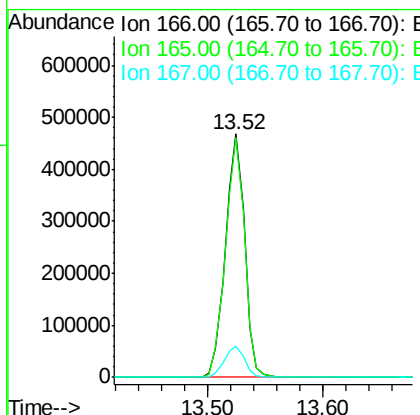
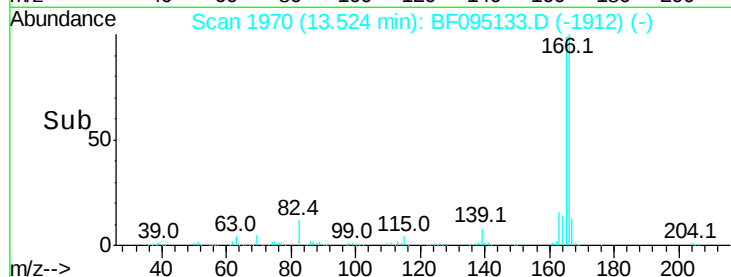
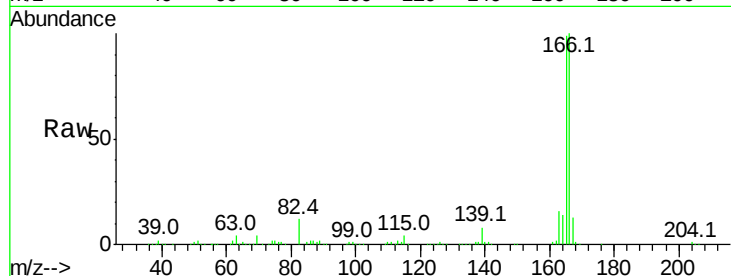




#57
 Fluorene
 Concen: 42.08 ng
 RT: 13.52 min Scan# 1970
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

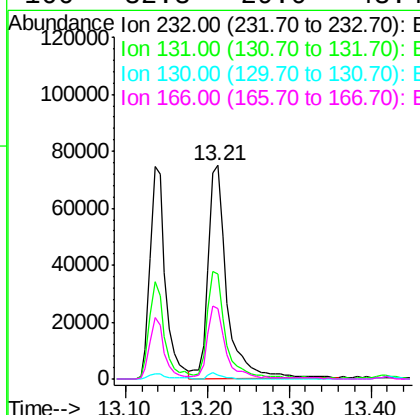
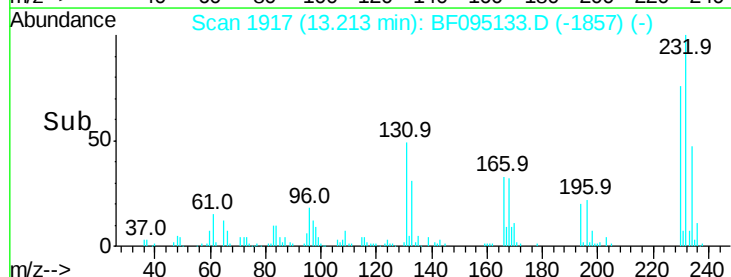
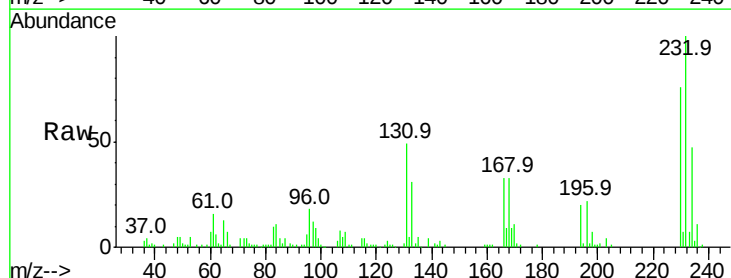
Instrument :
 BNA_F
 ClientSampleId :

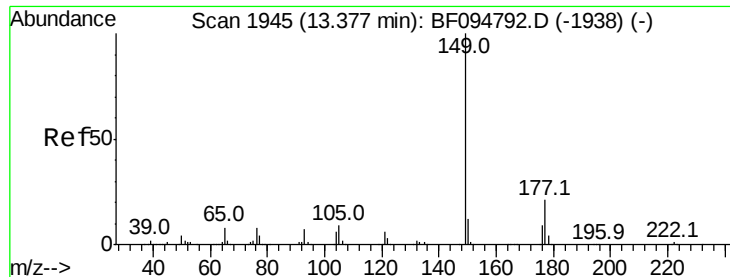
Tot Ion:166 Resp: 539023
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.64 ng
 RT: 13.21 min Scan# 1917
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:232 Resp: 117732
 Ion Ratio Lower Upper
 232 100
 131 48.5 44.8 67.2
 130 2.1 2.3 3.5#
 166 32.3 29.0 43.4

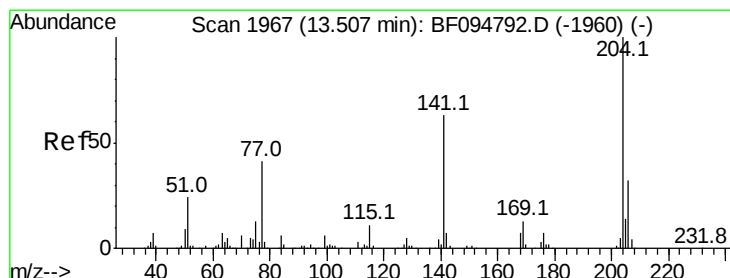
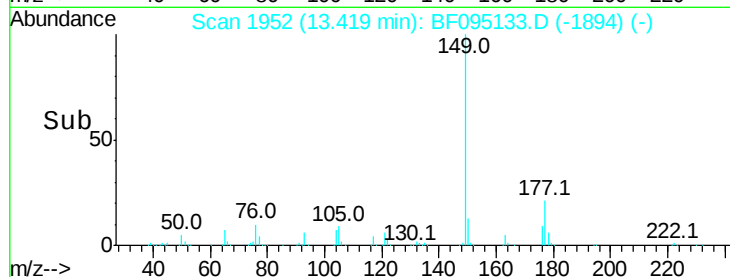
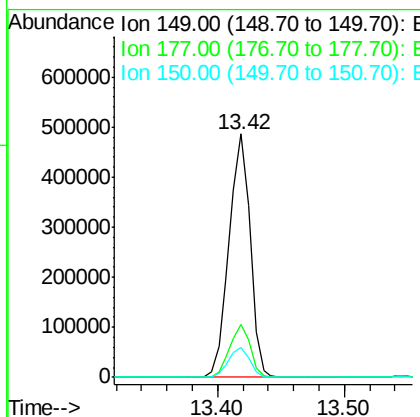
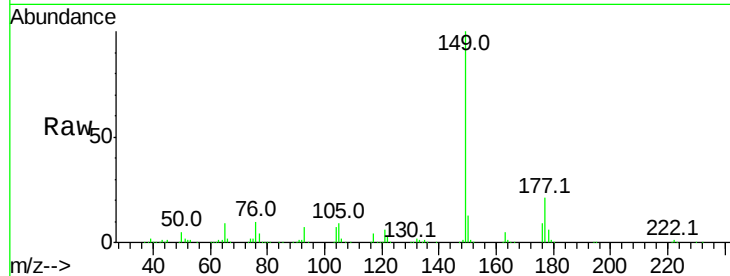




#59
Diethylphthalate
Concen: 42.54 ng
RT: 13.42 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

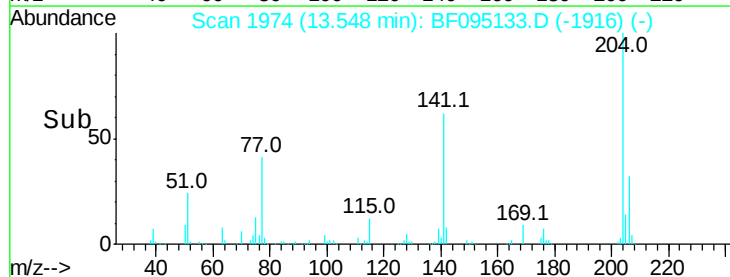
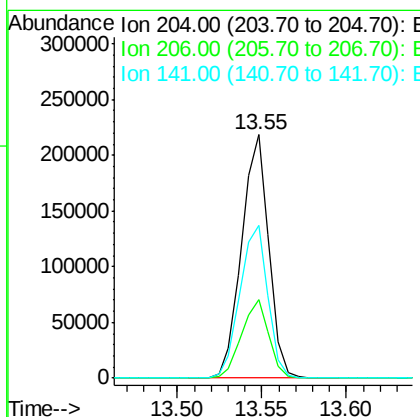
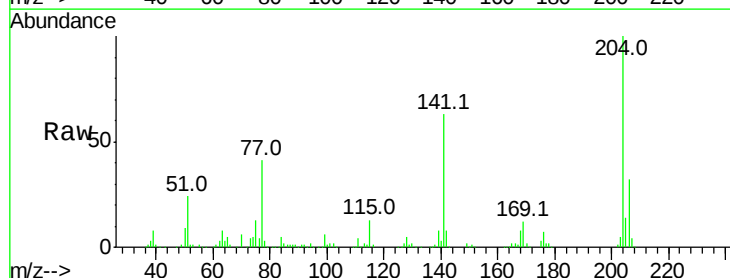
Instrument :
BNA_F
ClientSampleId :

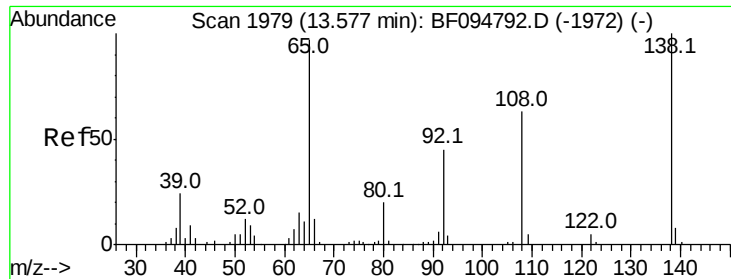
Tot Ion:149 Resp: 560306
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.29 ng
RT: 13.55 min Scan# 1974
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:204 Resp: 243690
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 62.7 60.8 91.2

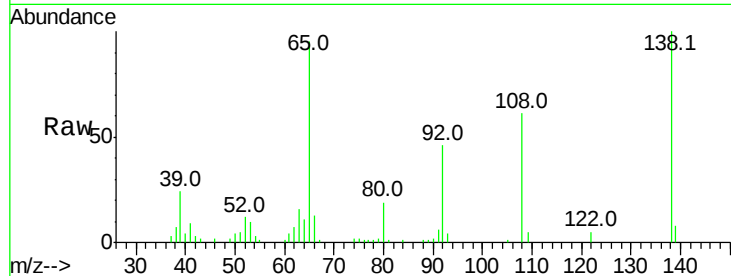




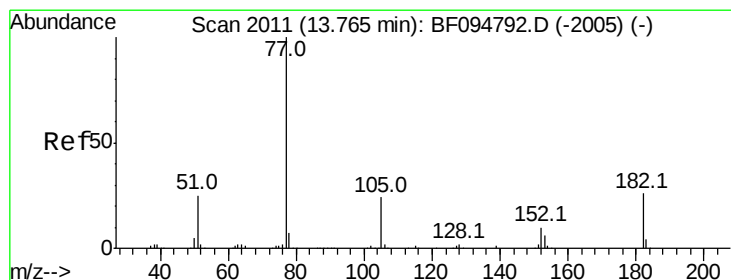
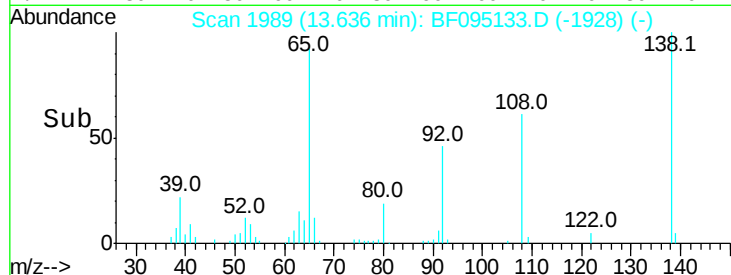
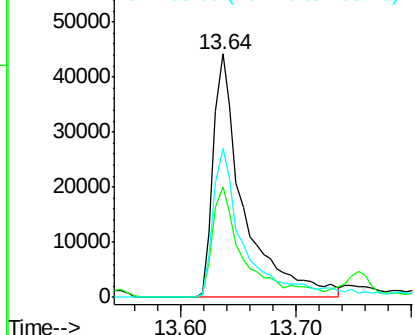
#61
4-Nitroaniline
Concen: 29.28 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 80868
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 61.2 42.3 82.3

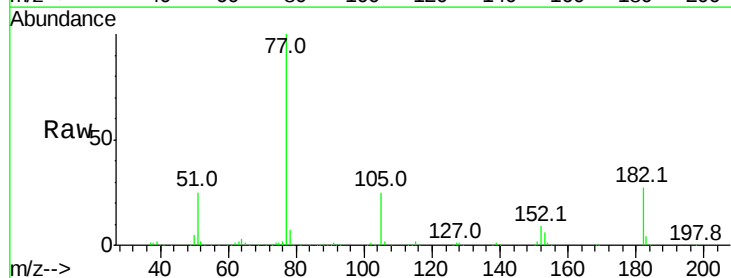


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

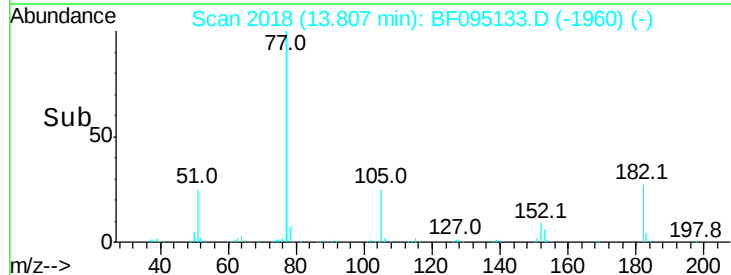
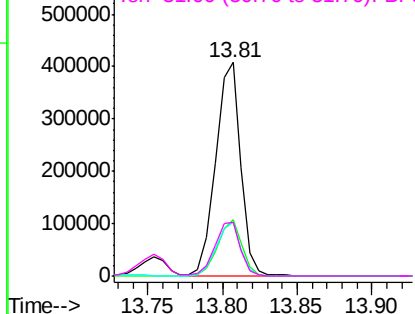


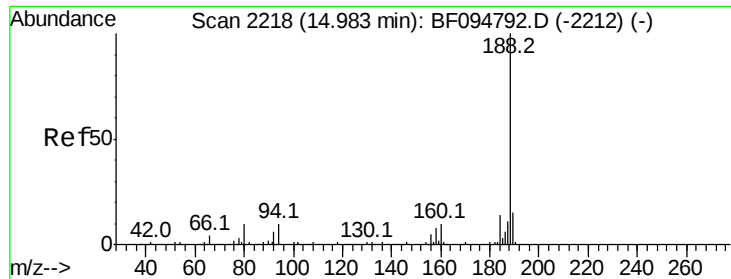
#62
Azobenzene
Concen: 45.33 ng
RT: 13.81 min Scan# 2018
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion: 77 Resp: 479737
Ion Ratio Lower Upper
77 100
182 26.5 0.1 40.1
105 25.0 3.6 43.6
51 25.1 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

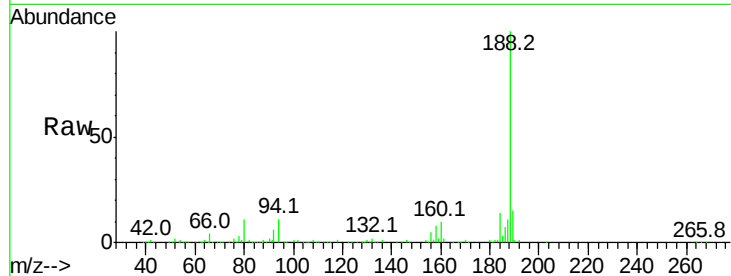




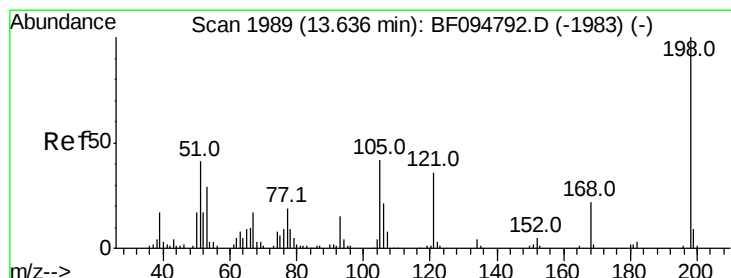
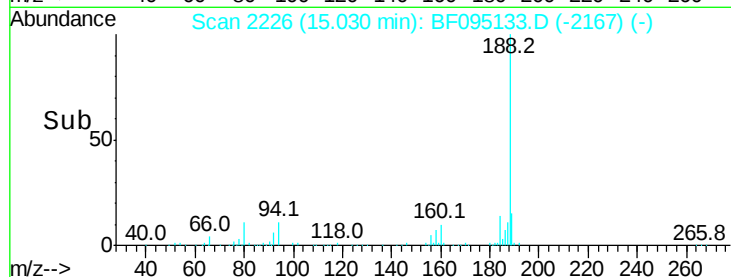
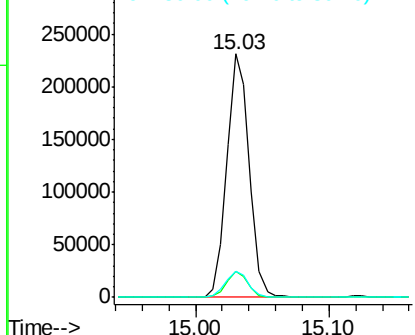
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 272845
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.9 10.2 15.2

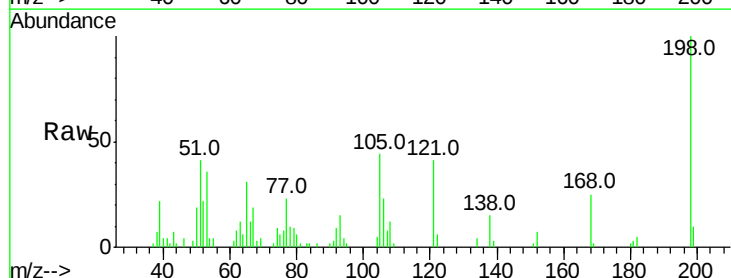


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

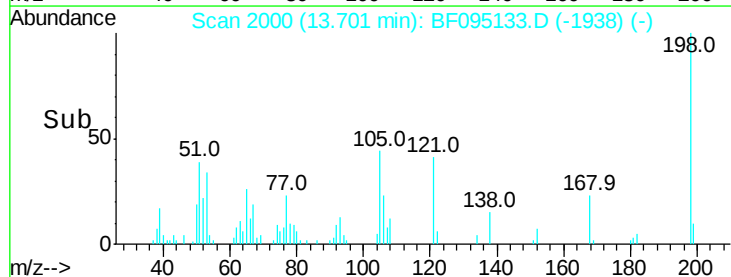
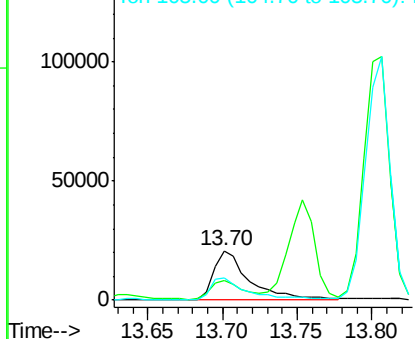


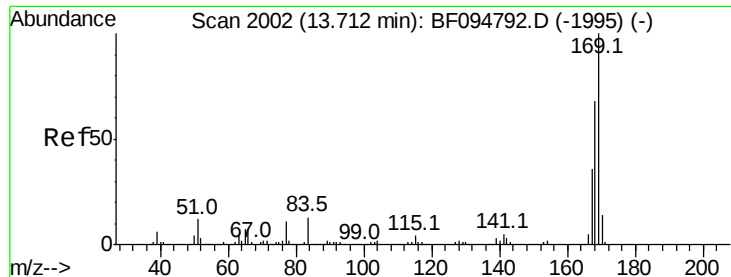
#64
4,6-Dinitro-2-methylphenol
Concen: 18.98 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:198 Resp: 34721
Ion Ratio Lower Upper
198 100
51 40.7 53.2 93.2#
105 44.0 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.62 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

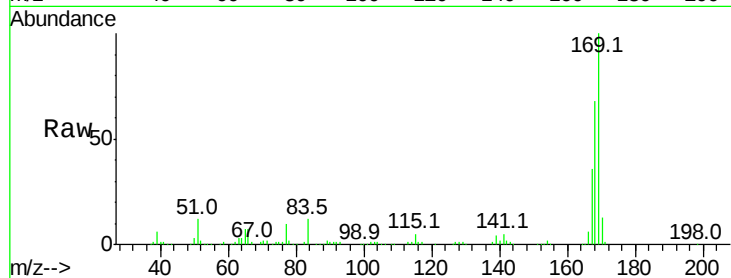
Tot Ion:169 Resp: 431952

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

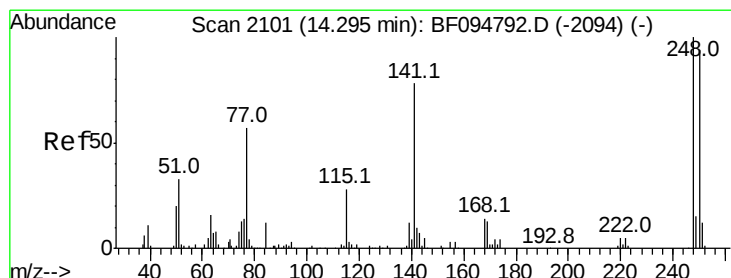
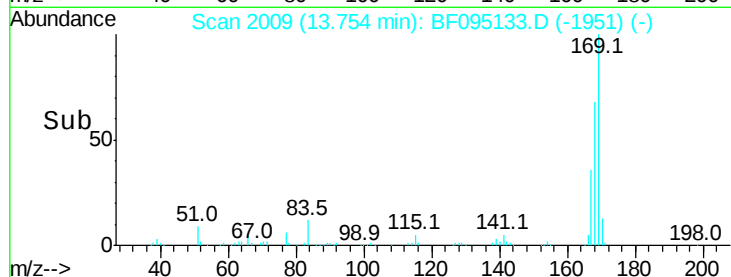
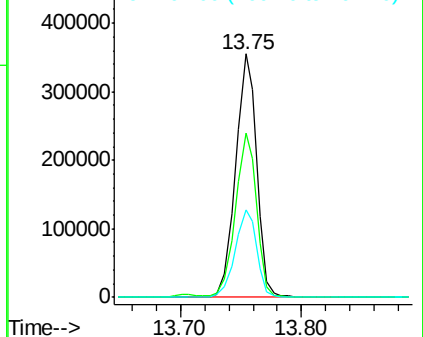
167 35.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.64 ng

RT: 14.34 min Scan# 2108

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

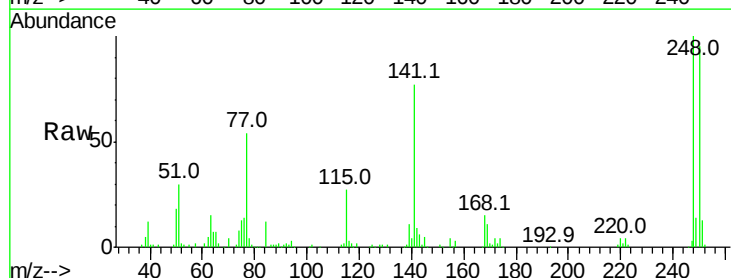
Tgt Ion:248 Resp: 131561

Ion Ratio Lower Upper

248 100

250 95.2 76.8 115.2

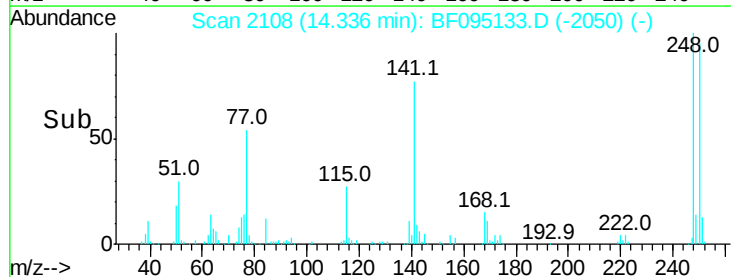
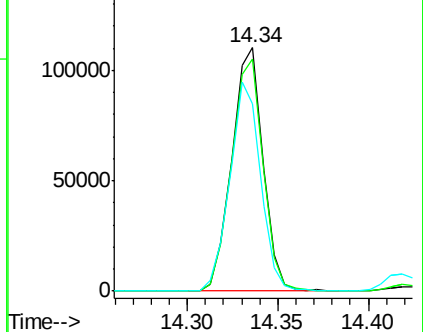
141 77.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

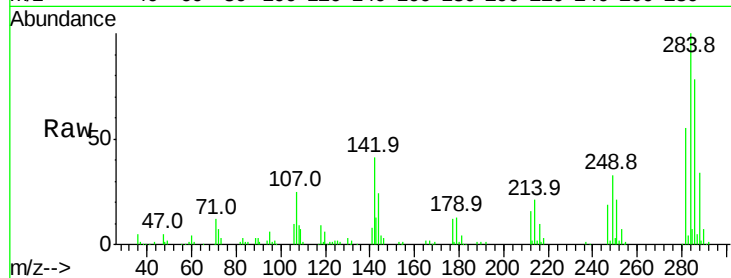




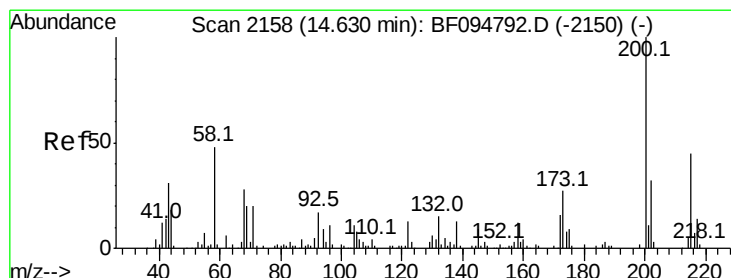
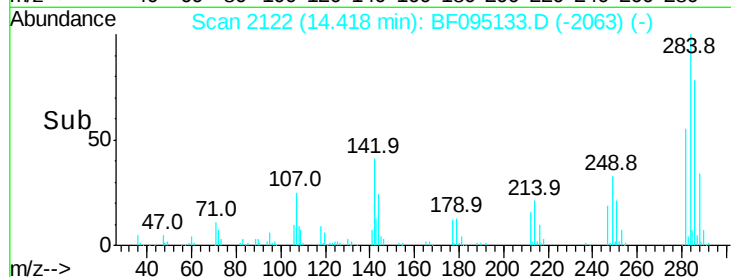
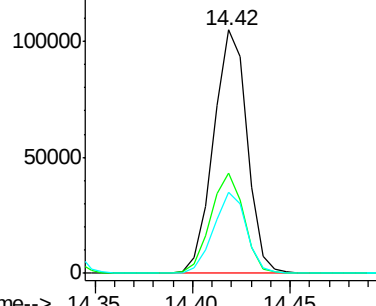
#67
Hexachlorobenzene
Concen: 42.43 ng
RT: 14.42 min Scan# 2122
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.3	22.8	34.2#
249	33.4	24.0	36.0

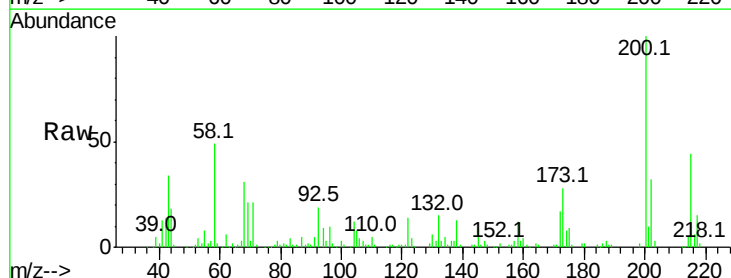


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

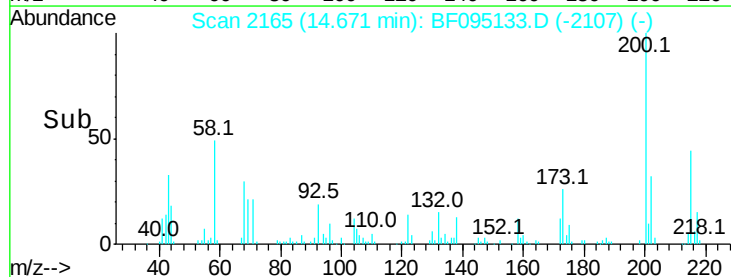
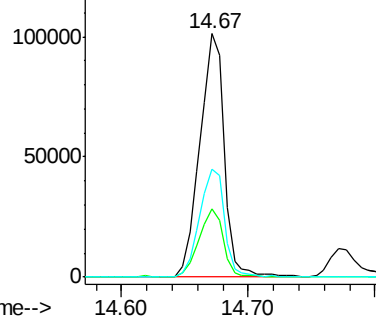


#68
Atrazine
Concen: 48.17 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.3	46.3
215	44.3	27.2	67.2



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

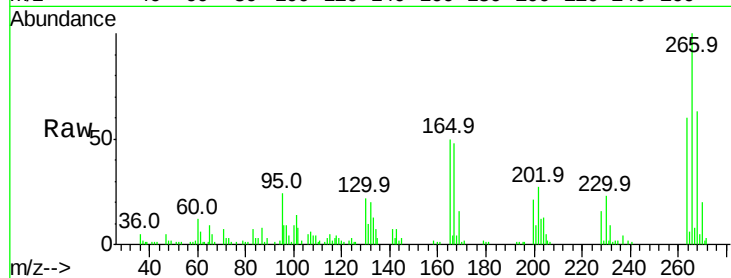




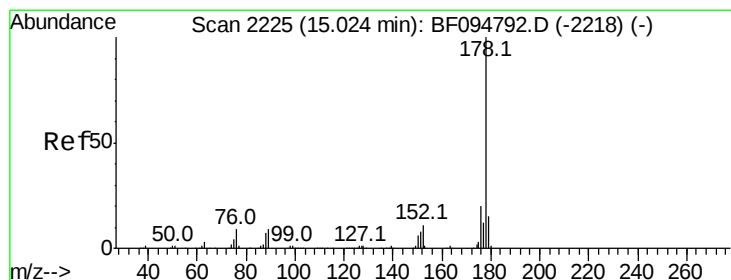
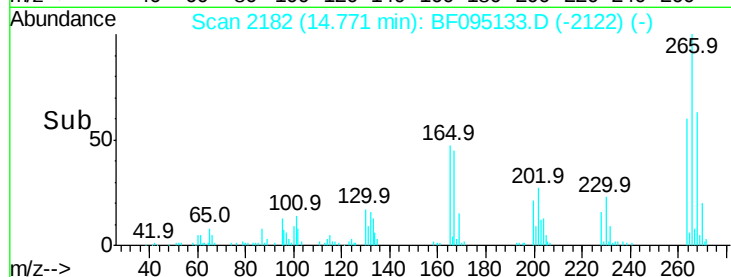
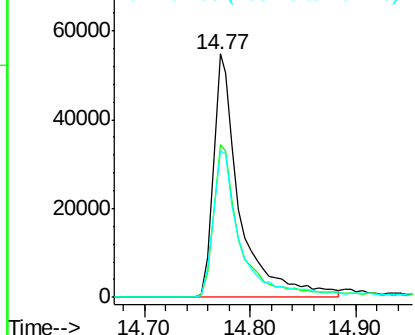
#69
 Pentachlorophenol
 Concen: 72.36 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 95848
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 60.0 51.7 77.5

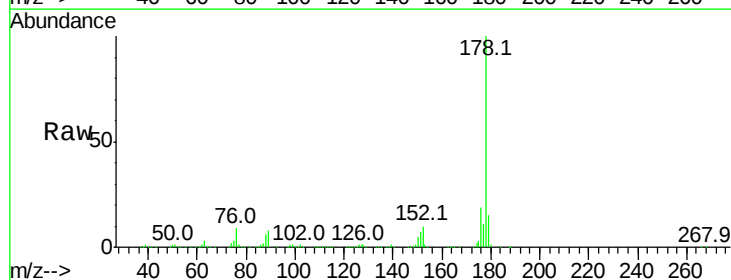


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

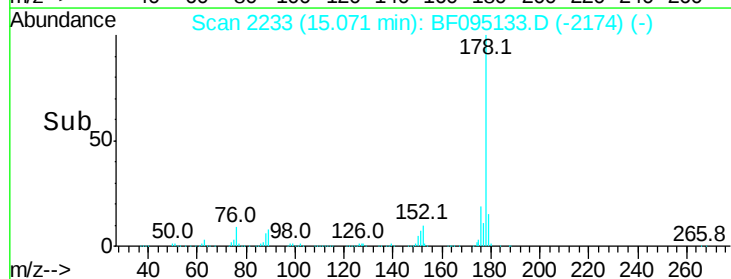
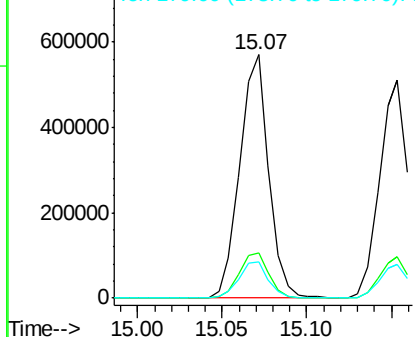


#70
 Phenanthrene
 Concen: 43.36 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:178 Resp: 679698
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.2 24.4
 179 15.1 12.6 19.0



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

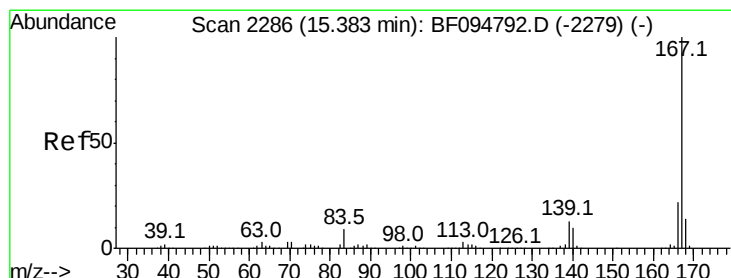
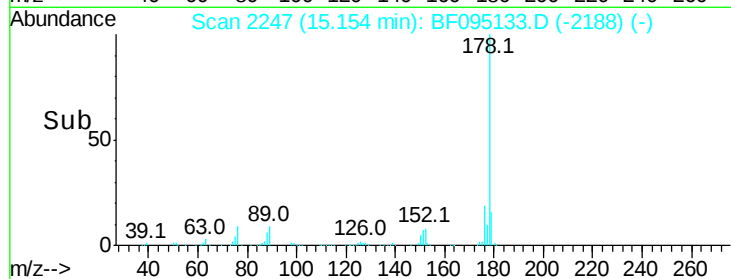
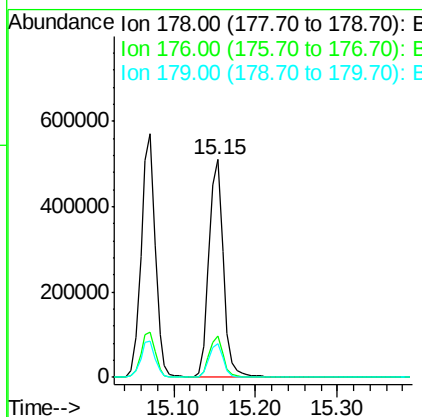
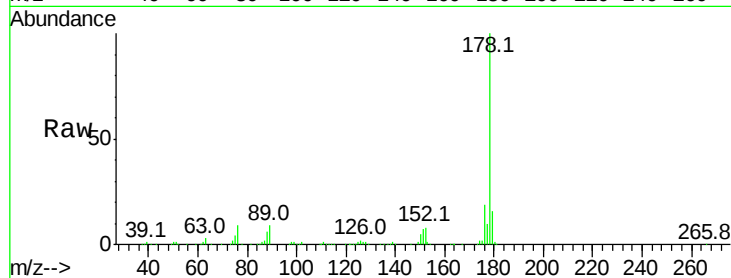




#71
 Anthracene
 Concen: 39.15 ng
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

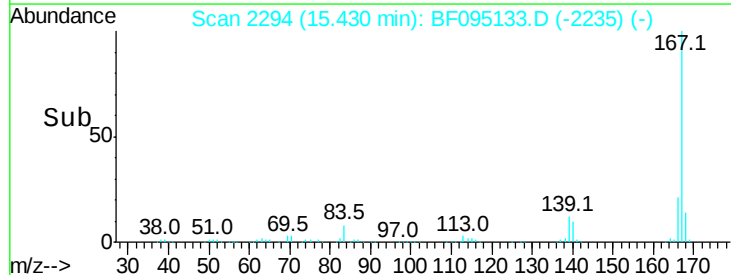
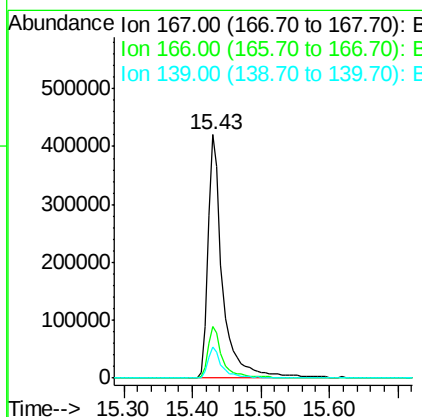
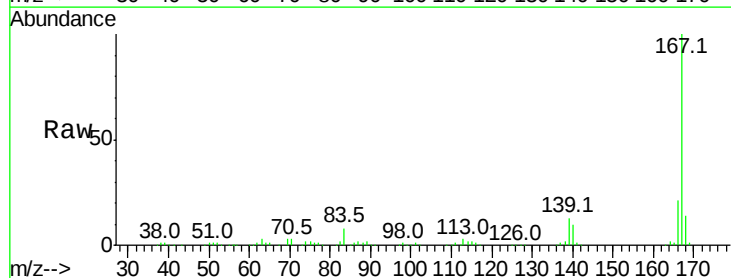
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 626856
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 43.49 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:167 Resp: 633627
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 12.8 11.7 17.5

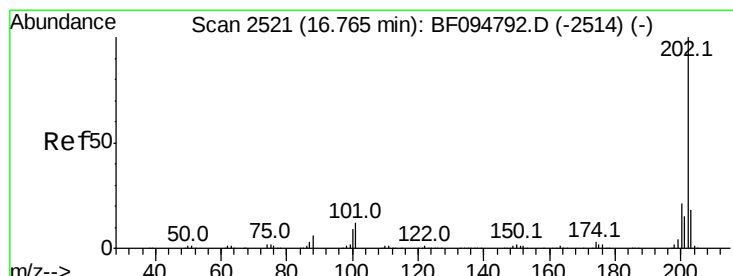
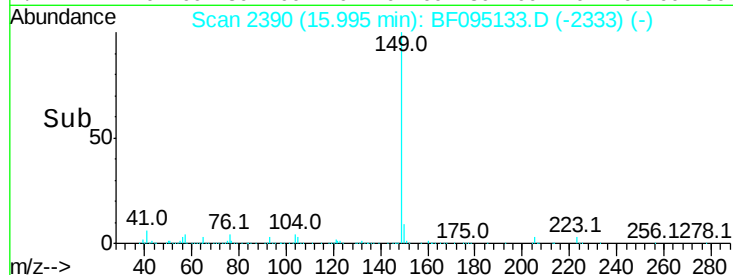
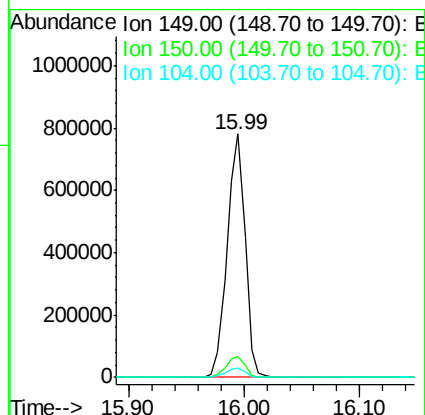
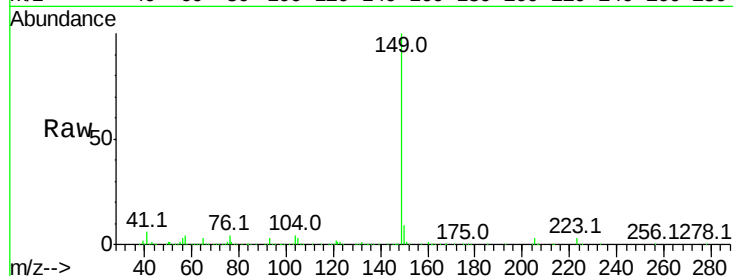




#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 15.99 min Scan# 2390
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

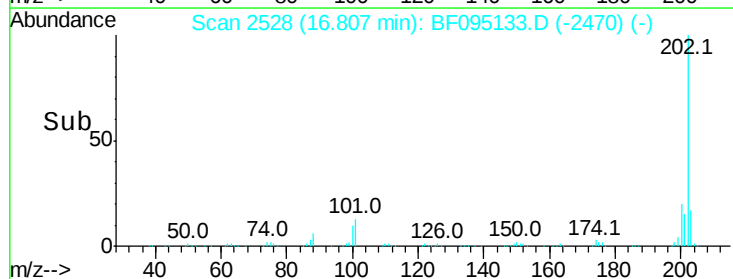
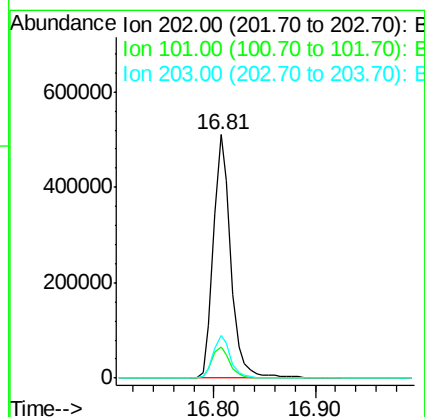
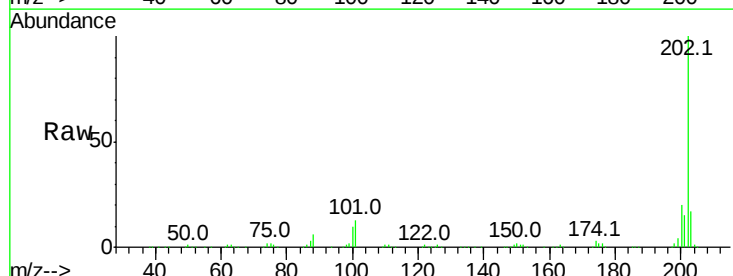
Instrument :
BNA_F
ClientSampleId :

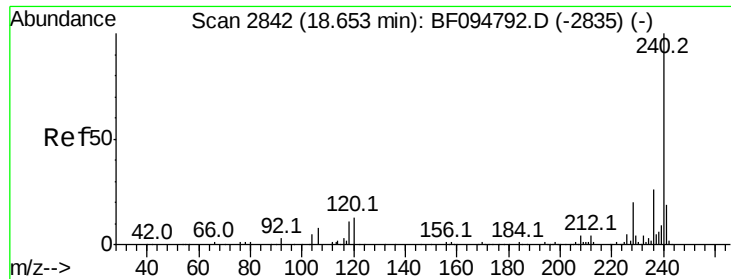
Tot Ion:149 Resp: 840008
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 37.97 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:202 Resp: 610566
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

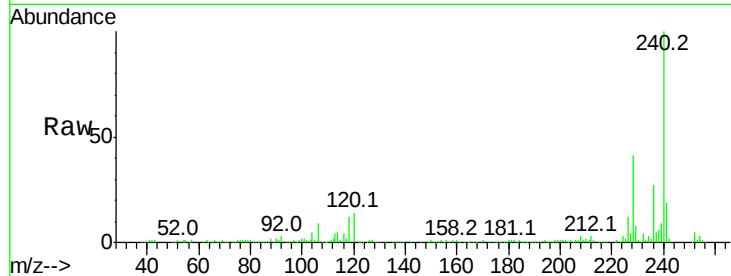
Tot Ion:240 Resp: 183698

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

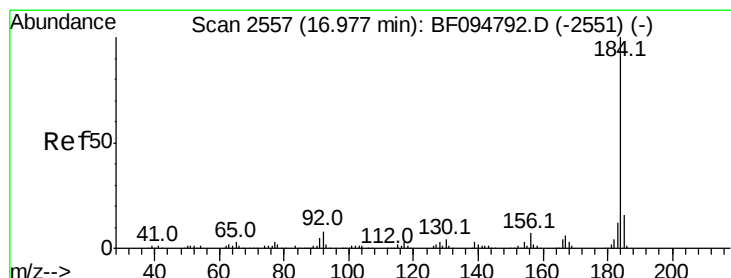
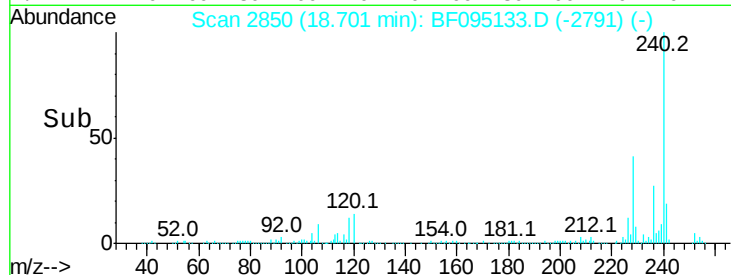
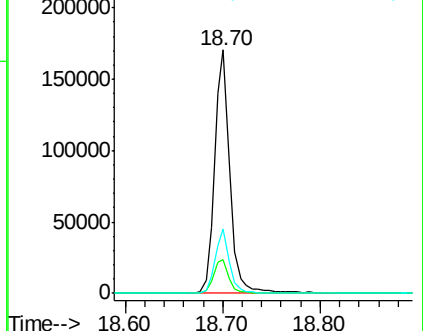
236 26.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.02 ng

RT: 17.03 min Scan# 2566

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

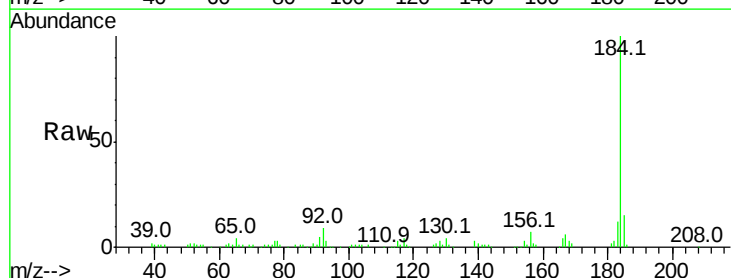
Tgt Ion:184 Resp: 175248

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

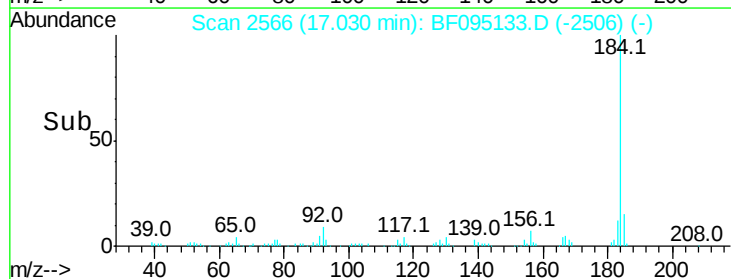
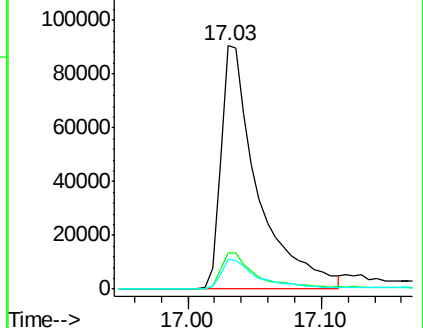
183 12.4 9.8 14.6

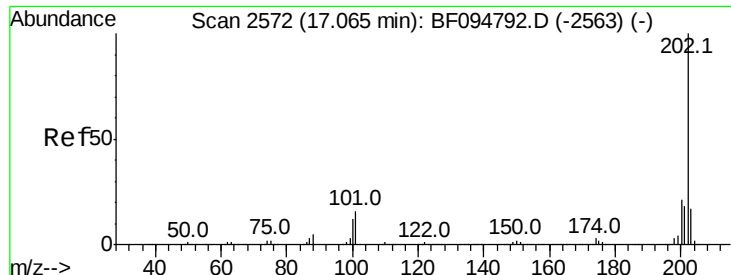


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

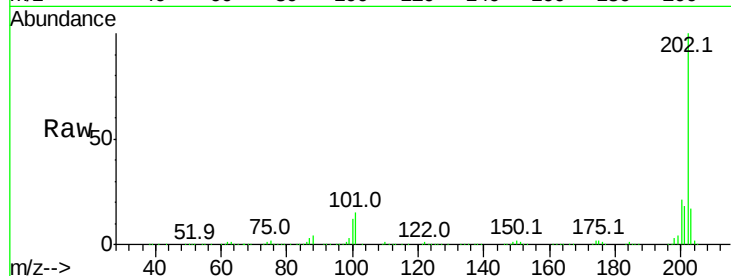




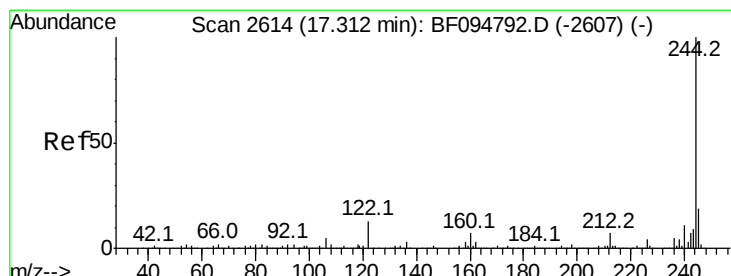
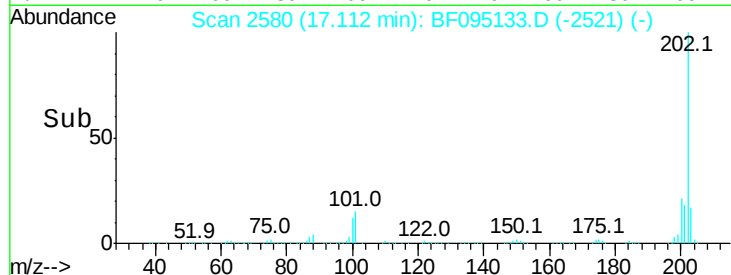
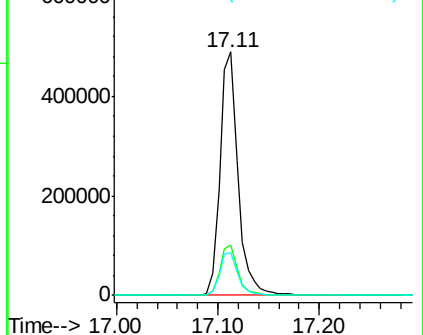
#77
Pvrene
Concen: 43.84 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 602270
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.3 14.4 21.6

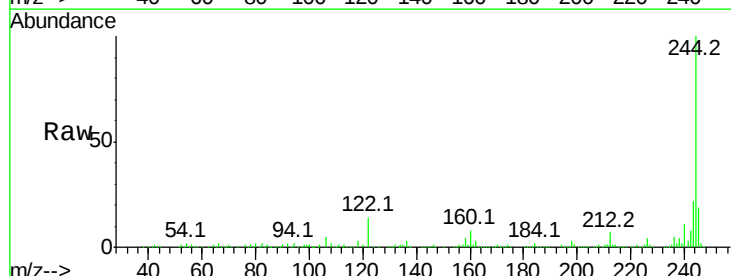


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

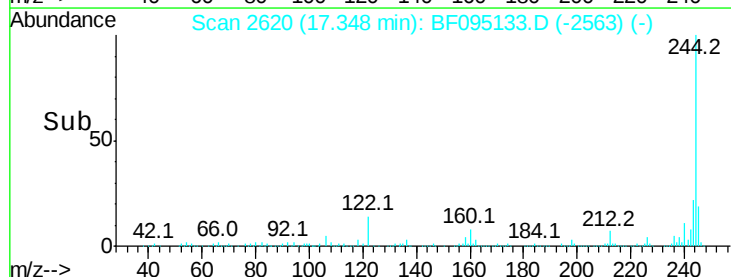
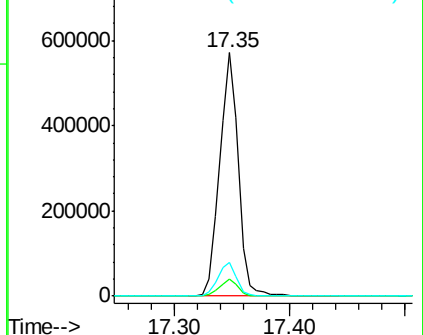


#78
Terphenyl-d14
Concen: 76.95 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:244 Resp: 641808
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.1 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

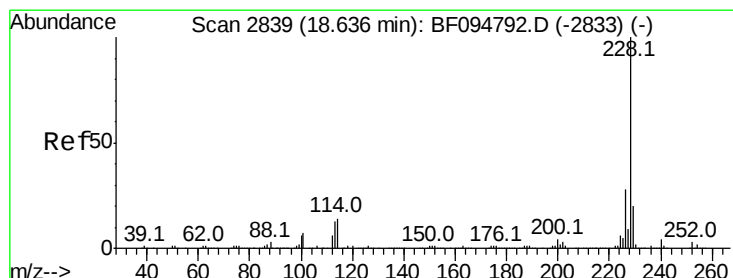
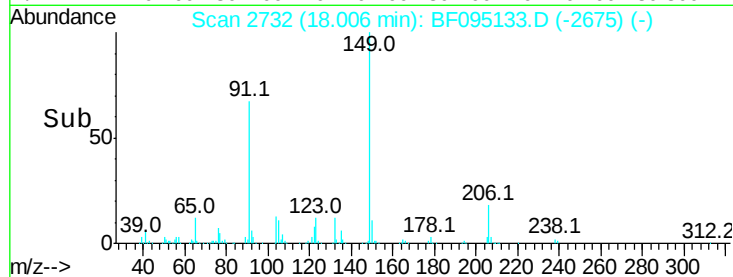
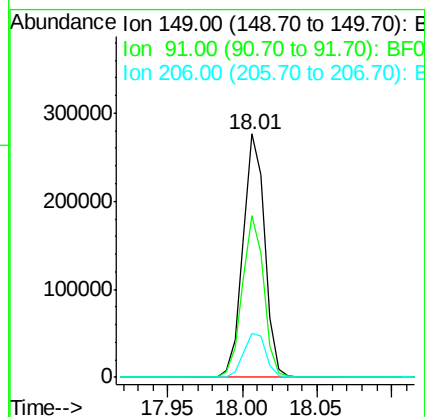
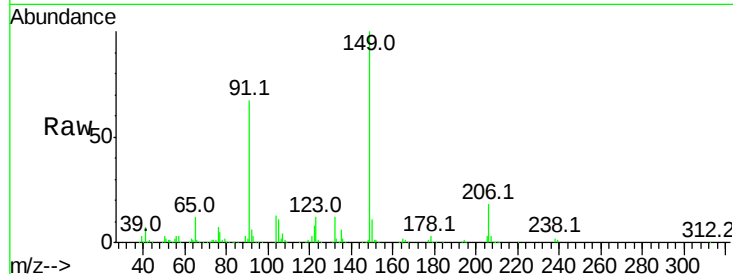




#79
Butylbenzylphthalate
Concen: 43.89 ng
RT: 18.01 min Scan# 2732
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

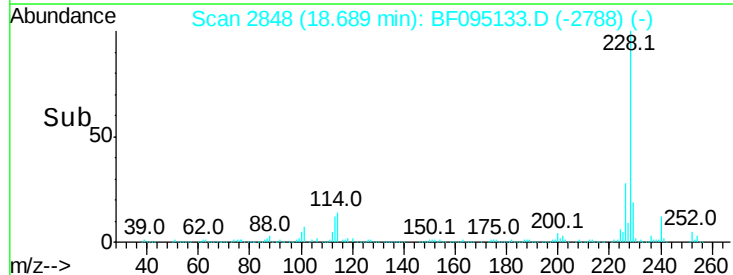
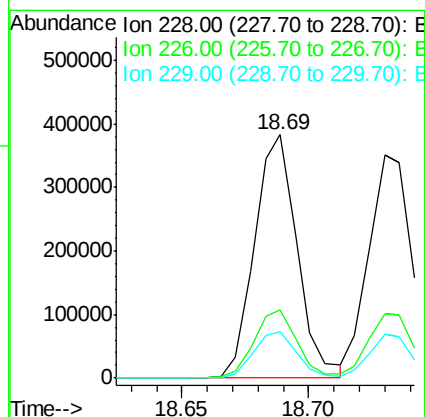
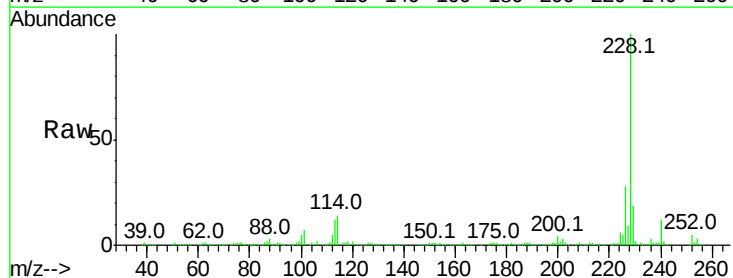
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	45.0	67.4
206	18.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 42.06 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.2	16.3	24.5

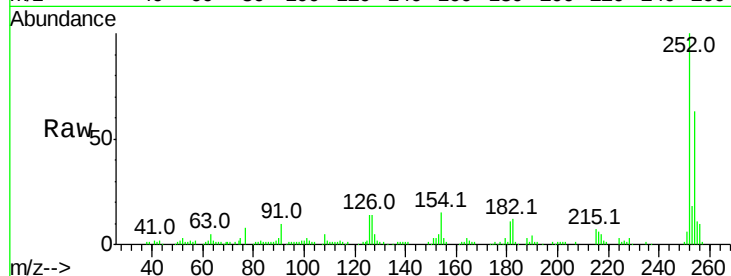




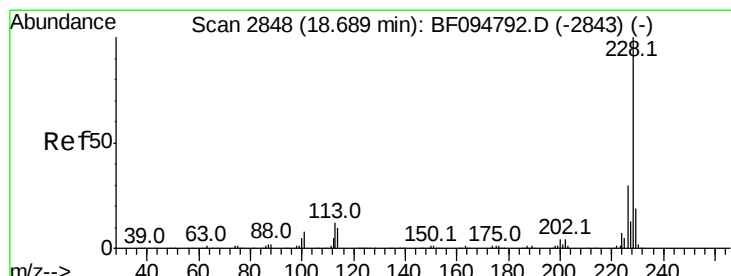
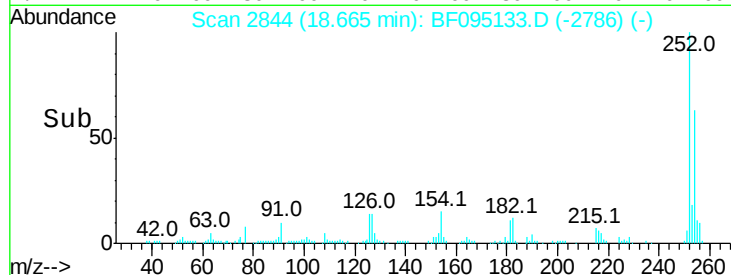
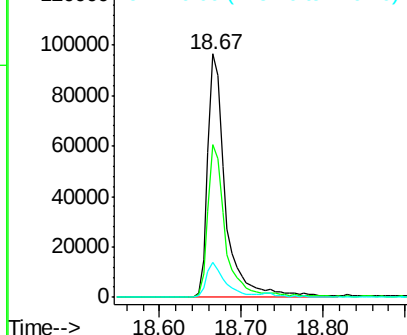
#81
 3,3'-Dichlorobenzidine
 Concen: 39.84 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 147095
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.5 77.3
 126 14.1 15.8 23.8#

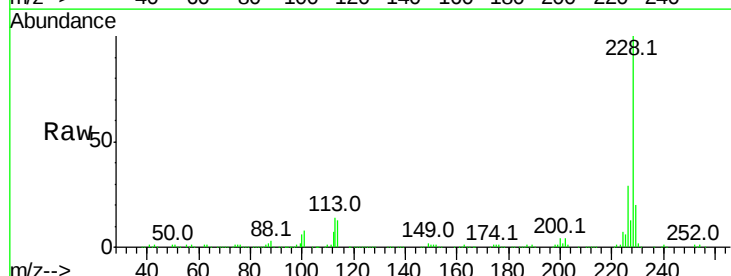


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

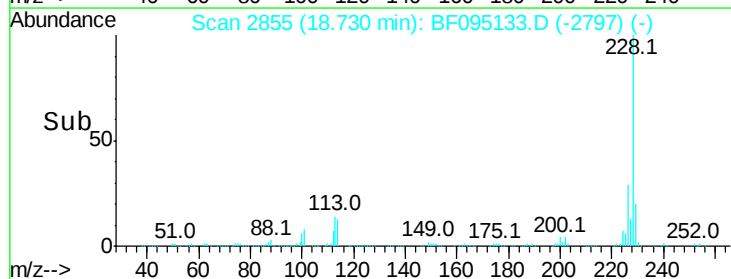
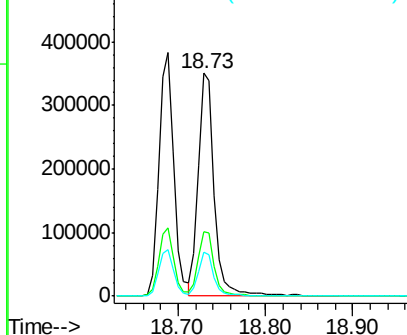


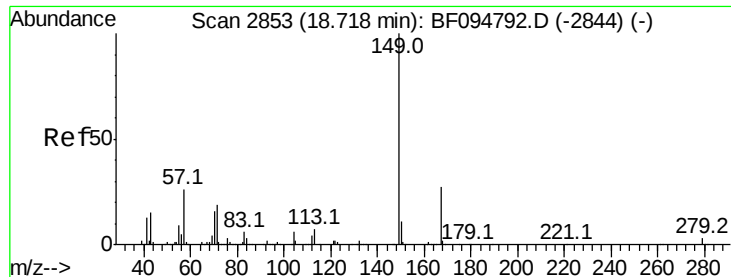
#82
 Chrysene
 Concen: 43.04 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:228 Resp: 444957
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.9 37.3
 229 20.0 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

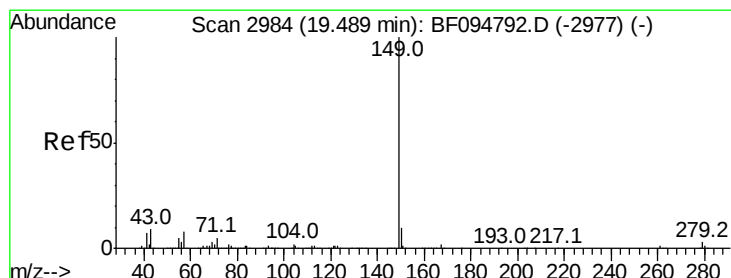
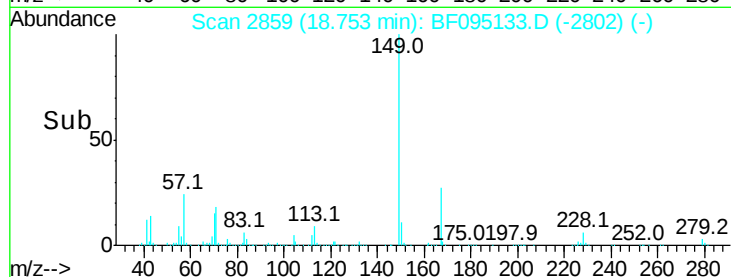
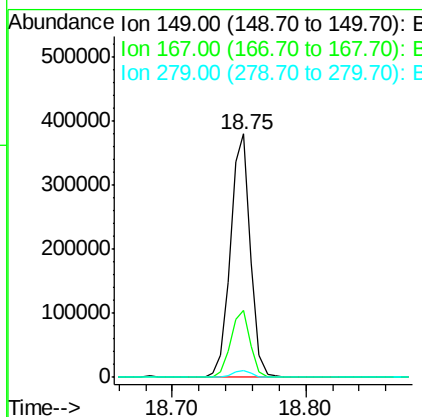
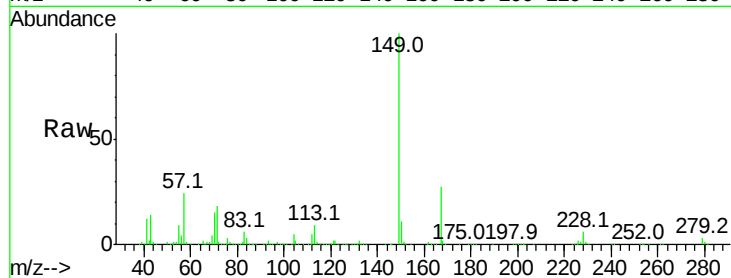




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.91 ng
 RT: 18.75 min Scan# 2859
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

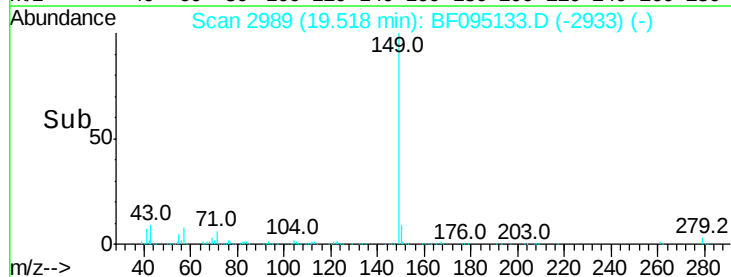
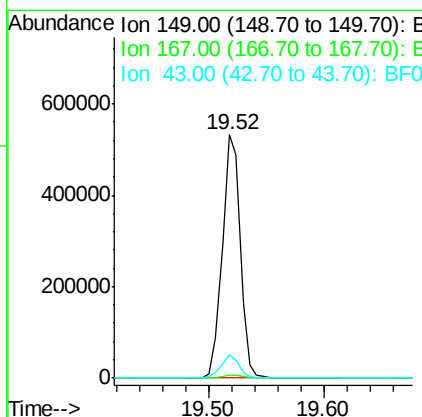
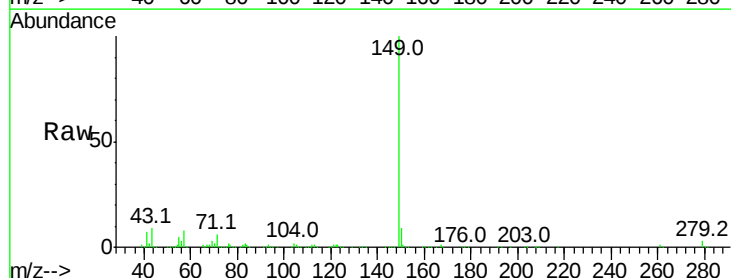
Instrument :
 BNA_F
 ClientSampleId :

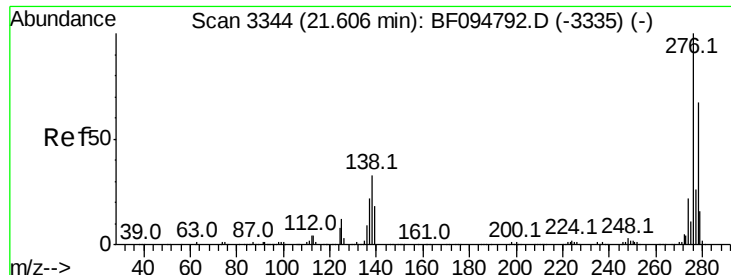
Tot Ion:149 Resp: 399791
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.58 ng
 RT: 19.52 min Scan# 2989
 Delta R.T. 0.03 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:149 Resp: 575838
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.7 8.5 12.7

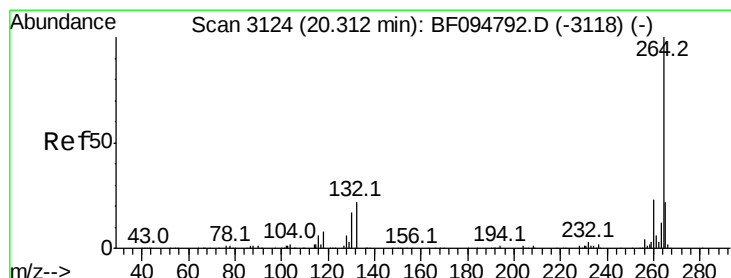
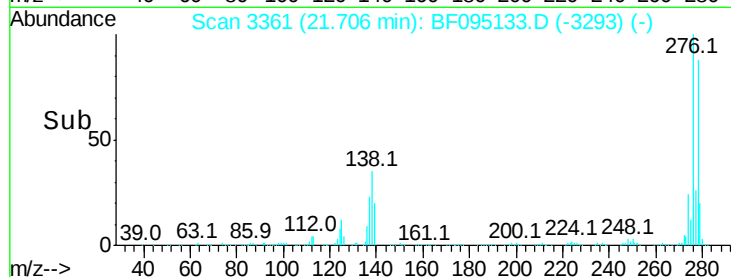
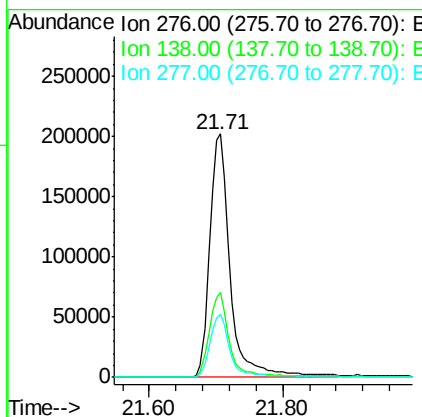
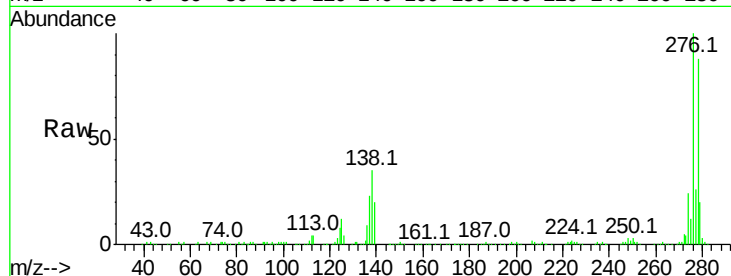




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.93 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.10 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

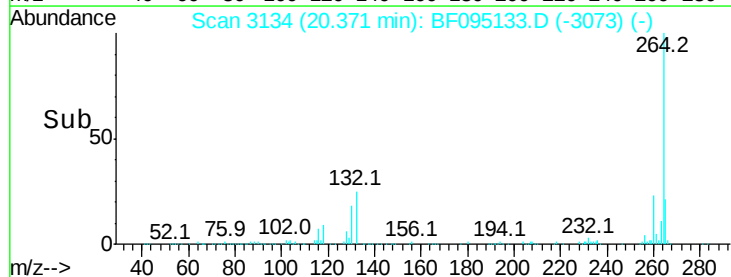
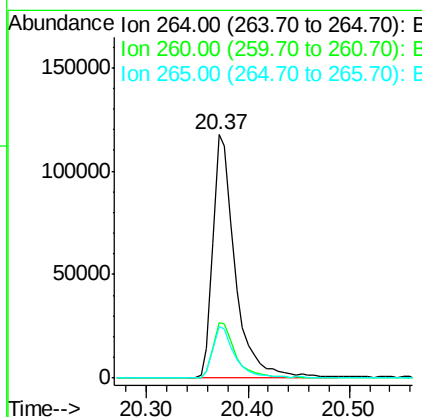
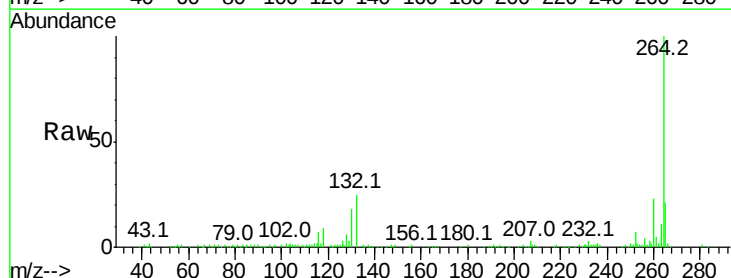
Instrument :
BNA_F
ClientSampleId :

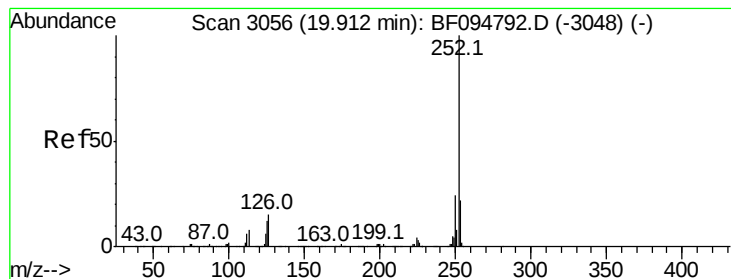
Tot Ion:276 Resp: 435996
Ion Ratio Lower Upper
276 100
138 34.5 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:264 Resp: 180778
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 37.07 ng

RT: 19.97 min Scan# 3065

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

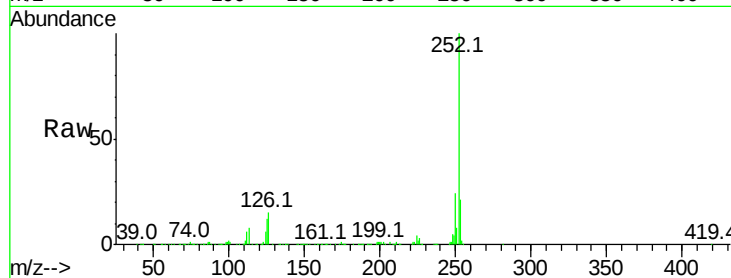
Tot Ion:252 Resp: 414131

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

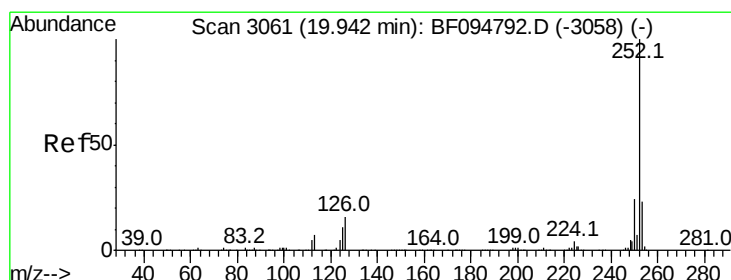
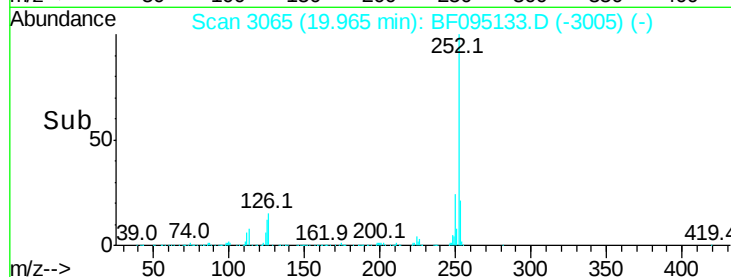
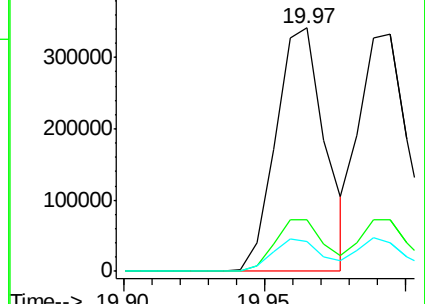
125 12.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.80 ng

RT: 19.99 min Scan# 3070

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

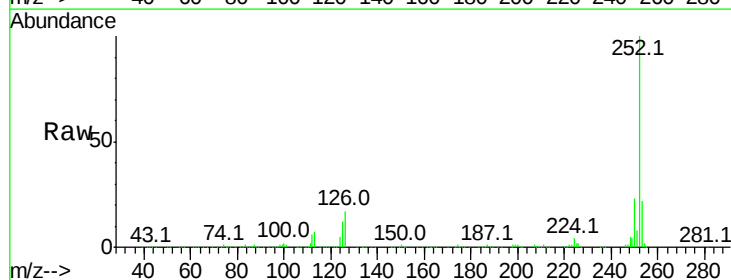
Tgt Ion:252 Resp: 439635

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

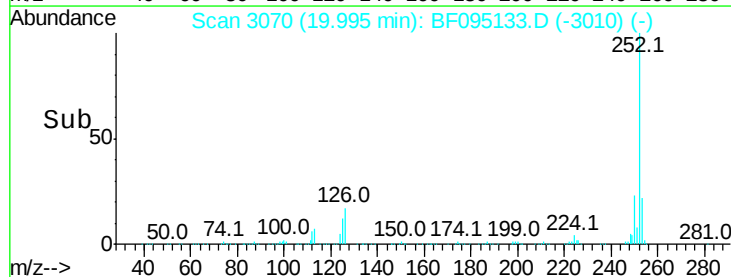
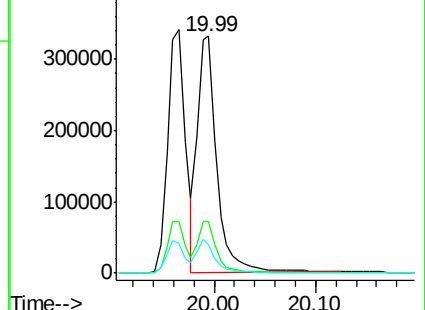
125 11.9 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.46 ng

RT: 20.31 min Scan# 3124

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

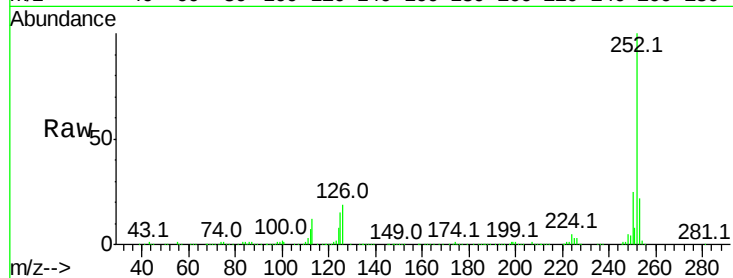
Tot Ion:252 Resp: 448007

Ion Ratio Lower Upper

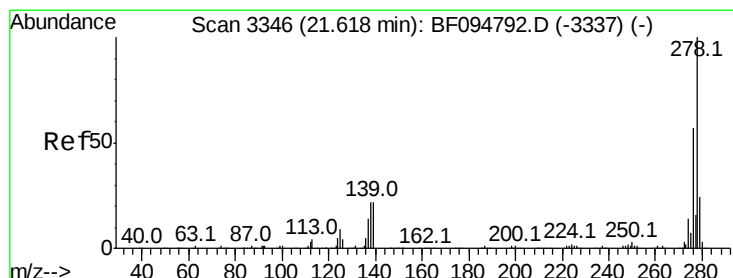
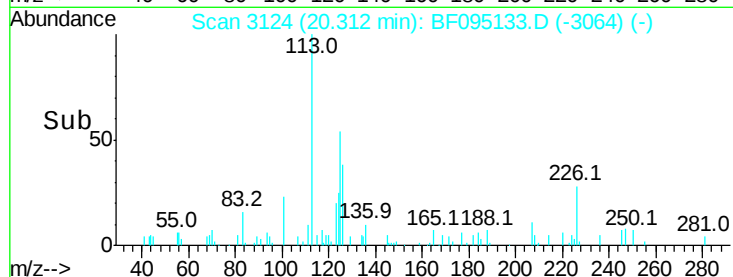
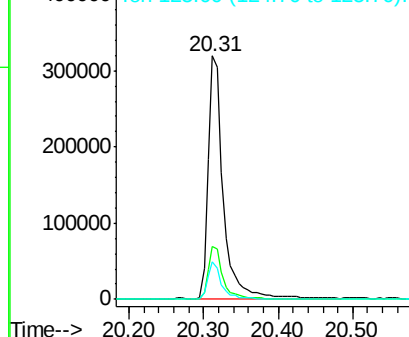
252 100

253 21.9 17.5 26.3

125 15.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.81 ng

RT: 21.71 min Scan# 3361

Delta R.T. 0.09 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

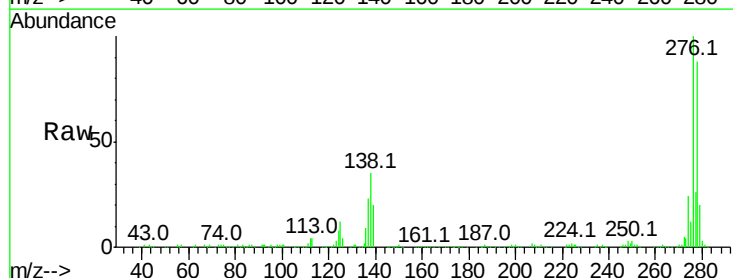
Tgt Ion:278 Resp: 355962

Ion Ratio Lower Upper

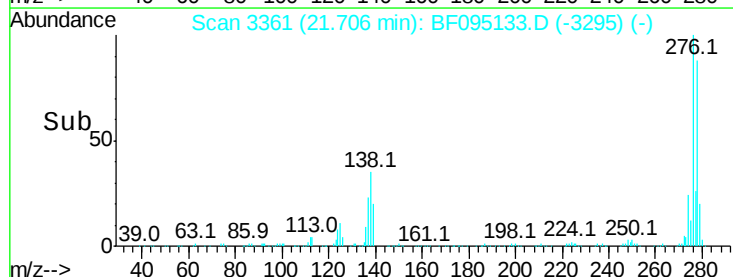
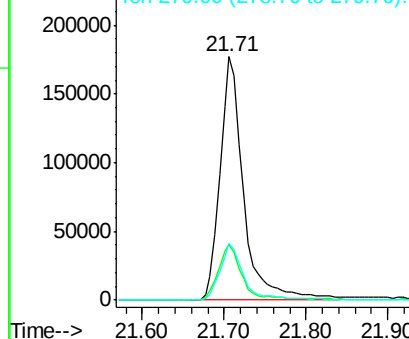
278 100

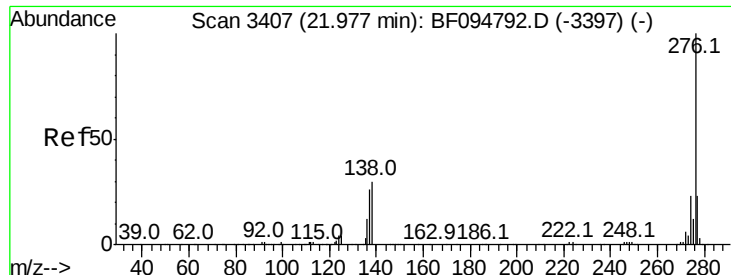
139 22.8 16.6 24.8

279 23.3 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 42.04 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.11 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

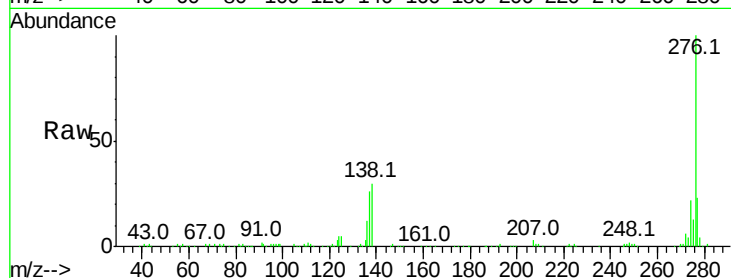
Tot Ion: 276 Resp: 351158

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 29.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

