

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095447.D
 Acq On : 26 May 2017 5:33
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 08:29:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101545	20.00	ng	-0.02
21) Naphthalene-d8	9.76	136	405647	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	167765	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	253793	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	204439	20.00	ng	-0.02
86) Perylene-d12	20.36	264	147776	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	505976	83.07	ng	-0.03
7) Phenol-d6	7.29	99	587353	80.37	ng	-0.02
23) Nitrobenzene-d5	8.65	82	531034	82.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	100263	72.97	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	954372	81.88	ng	-0.02
78) Terphenyl-d14	17.32	244	754923	81.33	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.15	88	109720	36.73	ng	94
3) Pyridine	2.85	79	250162	36.13	ng	100
4) n-Nitrosodimethylamine	2.78	42	84609	29.32	ng	82
6) Aniline	7.25	93	385729	41.81	ng	95
8) 2-Chlorophenol	7.44	128	279606	40.33	ng	96
9) Benzaldehyde	7.07	77	172497	38.66	ng	99
10) Phenol	7.31	94	328104	42.61	ng	89
11) bis(2-Chloroethyl)ether	7.38	93	257369	40.48	ng	97
12) 1,3-Dichlorobenzene	7.65	146	316307	40.22	ng	97
13) 1,4-Dichlorobenzene	7.77	146	323705	40.59	ng	97
14) 1,2-Dichlorobenzene	8.00	146	309271	41.55	ng	97
15) Benzyl Alcohol	8.04	79	200767	42.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	360590	40.07	ng	93
17) 2-Methylphenol	8.25	107	237376	41.84	ng	97
18) Hexachloroethane	8.52	117	86953	32.19	ng	# 86
19) n-Nitroso-di-n-propylamine	8.45	70	200625	40.59	ng	96
20) 3+4-Methylphenols	8.51	107	309685	40.17	ng	# 57
22) Acetophenone	8.42	105	398049	40.90	ng	# 83
24) Nitrobenzene	8.68	77	276562	41.02	ng	94
25) Isophorone	9.08	82	478886	41.69	ng	95
26) 2-Nitrophenol	9.19	139	137077	37.68	ng	96
27) 2,4-Dimethylphenol	9.32	122	247109	42.01	ng	98
28) bis(2-Chloroethoxy)methane	9.44	93	336382	42.33	ng	99
29) 2,4-Dichlorophenol	9.62	162	215546	38.81	ng	99
30) 1,2,4-Trichlorobenzene	9.69	180	242223	40.71	ng	99
31) Naphthalene	9.80	128	820793	40.26	ng	100
32) Benzoic acid	9.65	122	98272	27.83	ng	91
33) 4-Chloroaniline	9.94	127	326100	42.92	ng	# 92
34) Hexachlorobutadiene	10.01	225	125853	40.08	ng	98
35) Caprolactam	10.57	113	67925	40.73	ng	# 84
36) 4-Chloro-3-methylphenol	10.81	107	241478	40.66	ng	90
37) 2-Methylnaphthalene	10.92	142	533196	39.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	216549	41.97	ng	98
40) Hexachlorocyclopentadiene	11.17	237	2657	7.19	ng	96

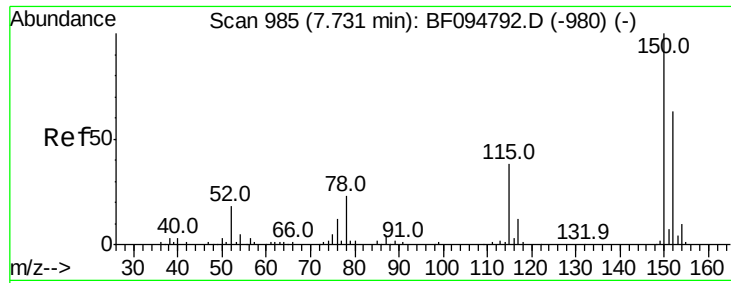
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095447.D
 Acq On : 26 May 2017 5:33
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 08:29:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	141946	41.21	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	135611	36.63	nq	94
45) 1,1'-Biphenyl	11.69	154	613805	43.46	nq	97
46) 2-Chloronaphthalene	11.71	162	478677	41.97	nq	95
47) 2-Nitroaniline	11.94	65	132198	42.35	nq	# 75
48) Acenaphthylene	12.37	152	711774	39.84	nq	98
49) Dimethylphthalate	12.24	163	583048	42.33	nq	99
50) 2,6-Dinitrotoluene	12.34	165	107687	38.33	nq	# 89
51) Acenaphthene	12.65	154	405955	38.05	nq	98
52) 3-Nitroaniline	12.62	138	128203	42.51	nq	90
53) 2,4-Dinitrophenol	12.91	184	1357	7.06	nq	# 60
54) Dibenzofuran	12.94	168	586678	39.73	nq	96
55) 4-Nitrophenol	12.94	139	210262	116.08	nq	# 27
56) 2,4-Dinitrotoluene	13.02	165	130256	36.08	nq	# 91
57) Fluorene	13.49	166	463675	36.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	85239	36.58	nq	# 93
59) Diethylphthalate	13.38	149	549847	41.65	nq	98
60) 4-Chlorophenyl-phenylether	13.51	204	220609	39.10	nq	91
61) 4-Nitroaniline	13.62	138	101331	36.60	nq	95
62) Azobenzene	13.77	77	412086	38.85	nq	94
64) 4,6-Dinitro-2-methylphenol	13.71	198	10889	6.40	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	428610	46.53	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	117689	43.89	nq	99
67) Hexachlorobenzene	14.39	284	113848	41.43	nq	# 91
68) Atrazine	14.64	200	99529	38.27	nq	96
69) Pentachlorophenol	14.77	266	42369	37.47	nq	93
70) Phenanthrene	15.04	178	592042	40.60	nq	97
71) Anthracene	15.12	178	607428	40.78	nq	98
72) Carbazole	15.41	167	532706	39.31	nq	97
73) Di-n-butylphthalate	15.97	149	791403	46.83	nq	98
74) Fluoranthene	16.78	202	593854	39.70	nq	98
76) Benzidine	17.02	184	276978	49.81	nq	# 93
77) Pyrene	17.09	202	616580	40.33	nq	99
79) Butylbenzylphthalate	17.98	149	297262	41.80	nq	90
80) Benzo(a)anthracene	18.67	228	472875	39.74	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	175359	42.67	nq	# 96
82) Chrysene	18.71	228	449056	39.03	nq	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	408742	40.34	nq	# 99
84) Di-n-octyl phthalate	19.49	149	732000	44.06	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	298016	31.90	nq	100
87) Benzo(b)fluoranthene	19.95	252	350594	38.39	nq	99
88) Benzo(k)fluoranthene	19.98	252	410160	46.57	nq	96
89) Benzo(a)pyrene	20.30	252	336624	39.95	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	254141	36.52	nq	96
91) Benzo(g,h,i)perylene	22.08	276	252085	36.91	nq	99

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

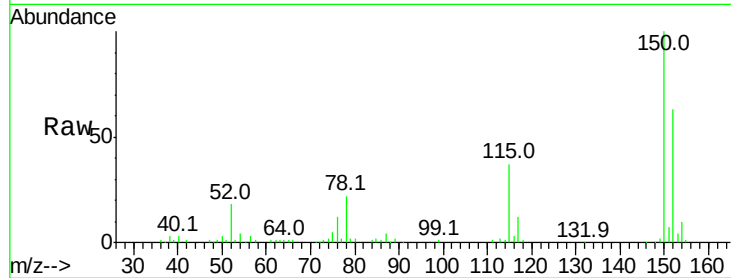


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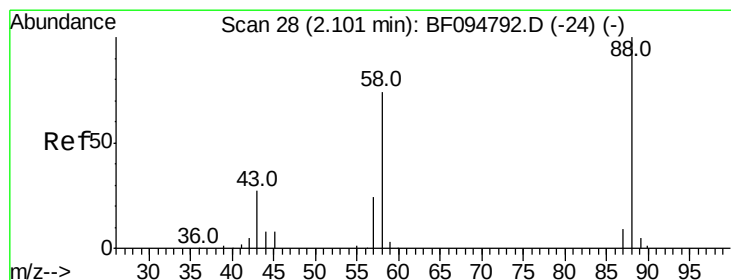
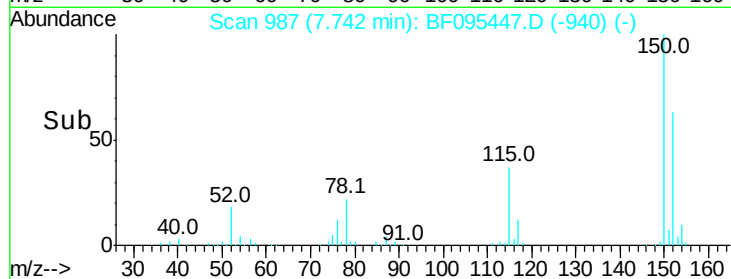
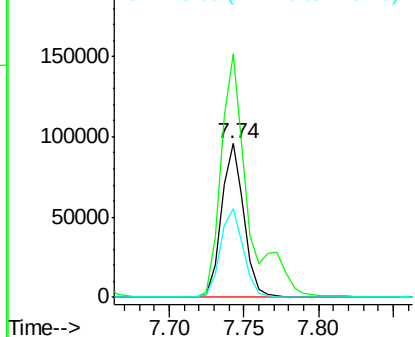
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101545
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 58.0 52.2 78.2



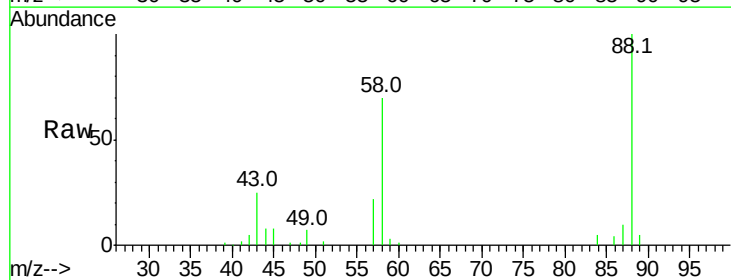
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



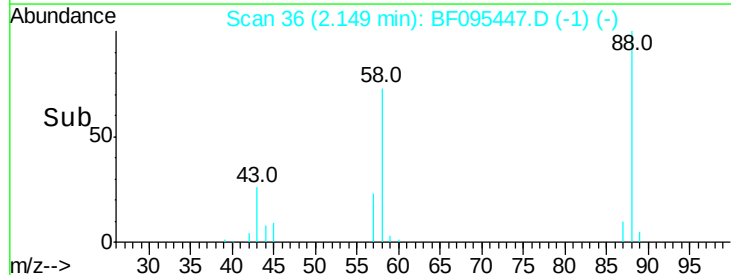
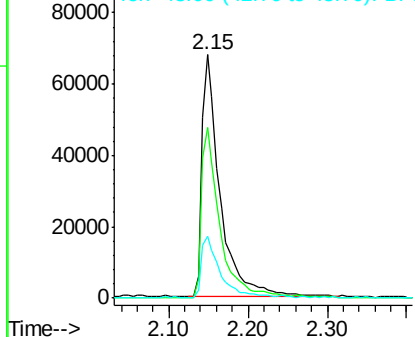
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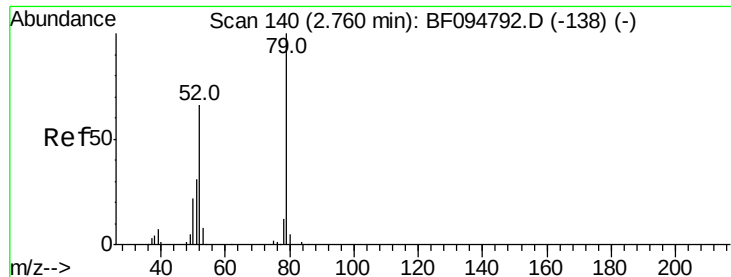
1,4-Dioxane
Concen: 36.73 ng
RT: 2.15 min Scan# 36
Delta R.T. -0.08 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion: 88 Resp: 109720
Ion Ratio Lower Upper
88 100
58 70.8 61.4 92.0
43 26.7 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: 36.13 ng

RT: 2.85 min Scan# 155

Delta R.T. -0.08 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

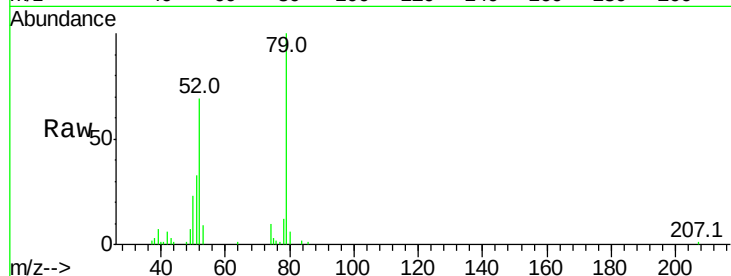
Tot Ion: 79 Resp: 250162

Ion Ratio Lower Upper

79 100

52 68.7 54.8 82.2

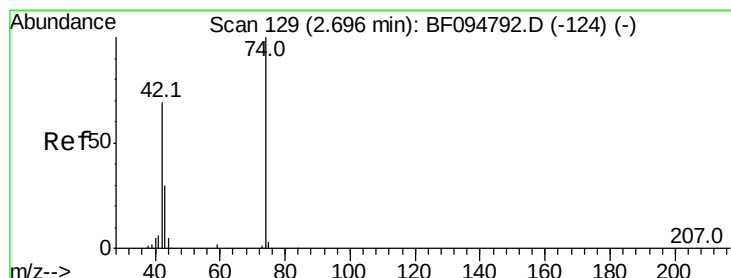
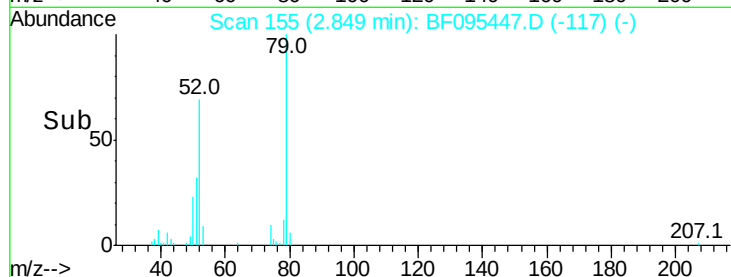
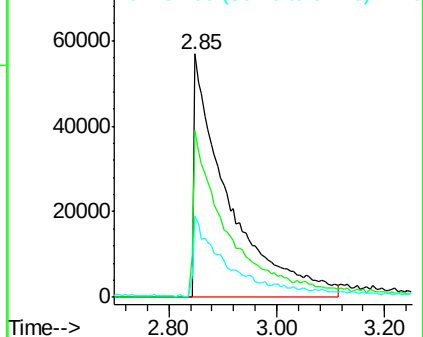
51 33.3 27.0 40.4



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: 29.32 ng

RT: 2.78 min Scan# 143

Delta R.T. -0.07 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

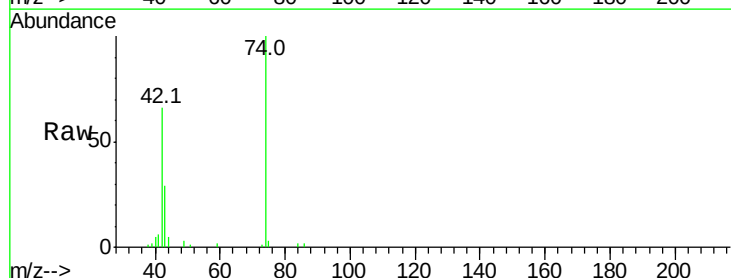
Tgt Ion: 42 Resp: 84609

Ion Ratio Lower Upper

42 100

74 152.5 103.9 155.9

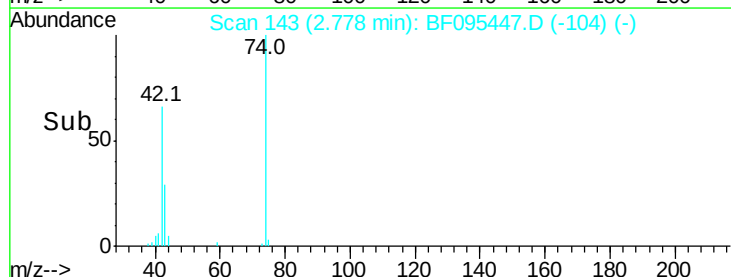
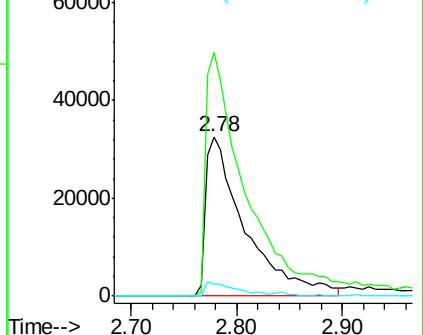
44 7.8 5.7 8.5

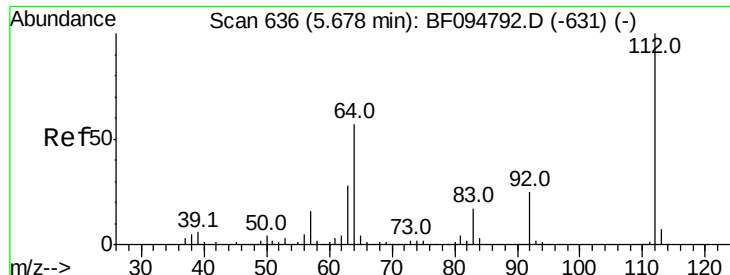


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

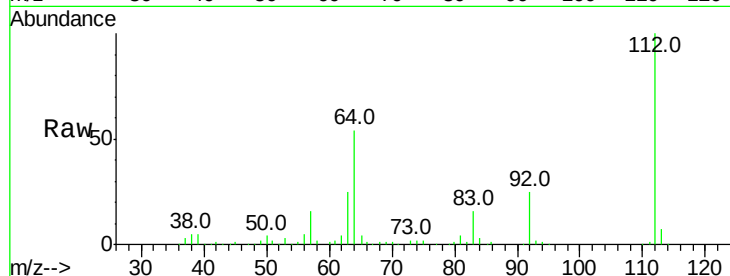




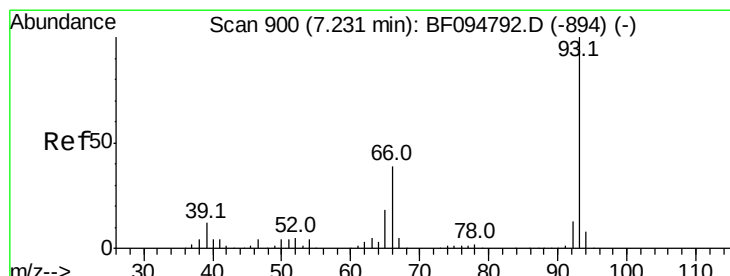
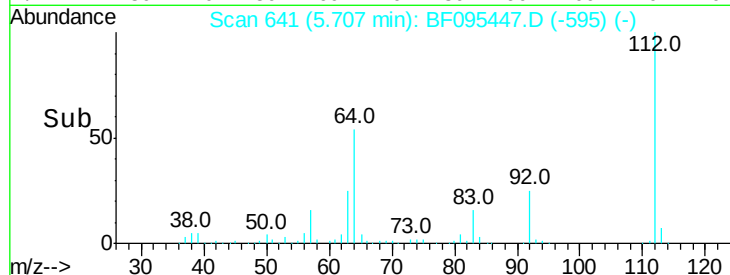
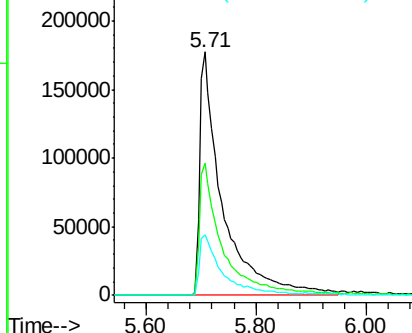
#5
 2-Fluorophenol
 Concen: 83.07 ng
 RT: 5.71 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 505976
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.0 69.0
 63 25.1 23.4 35.0

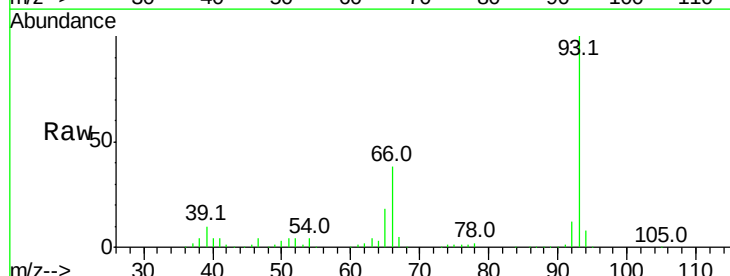


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

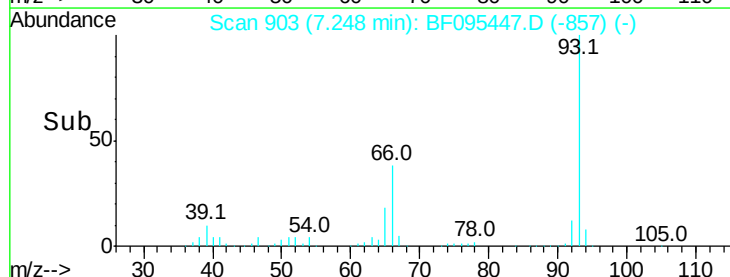
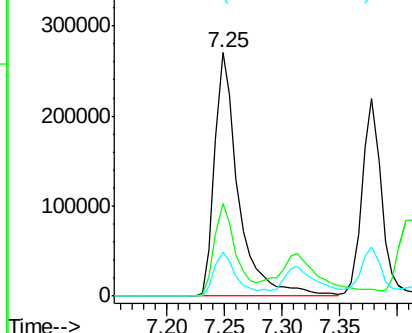


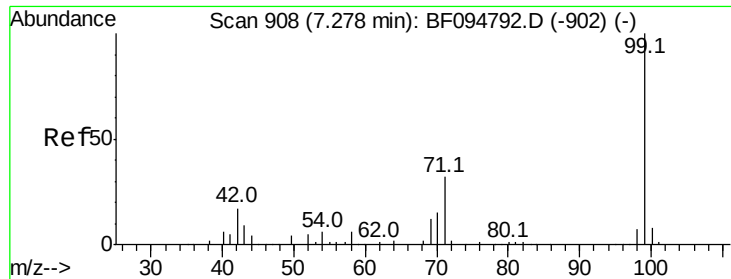
#6
 Aniline
 Concen: 41.81 ng
 RT: 7.25 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion: 93 Resp: 385729
 Ion Ratio Lower Upper
 93 100
 66 37.8 32.9 49.3
 65 18.1 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: 80.37 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampled :

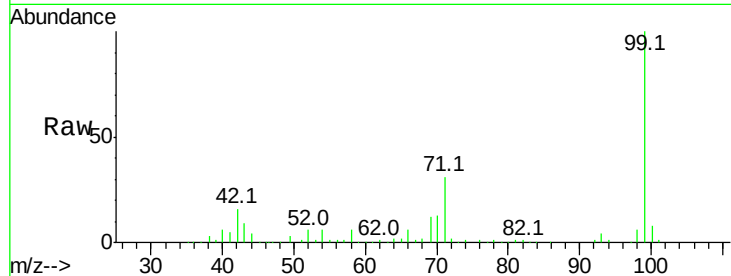
Tot Ion: 99 Resp: 587353

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

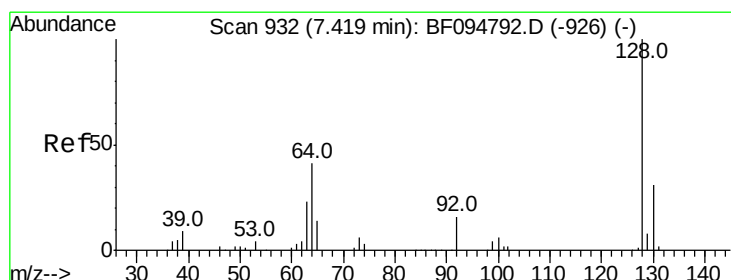
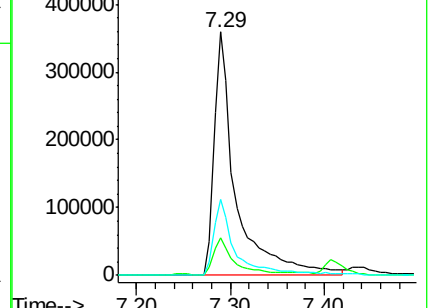
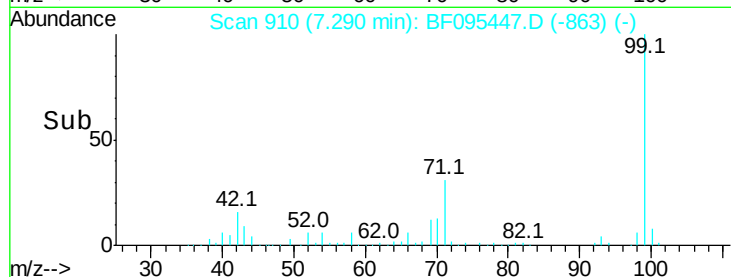
71 31.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.33 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

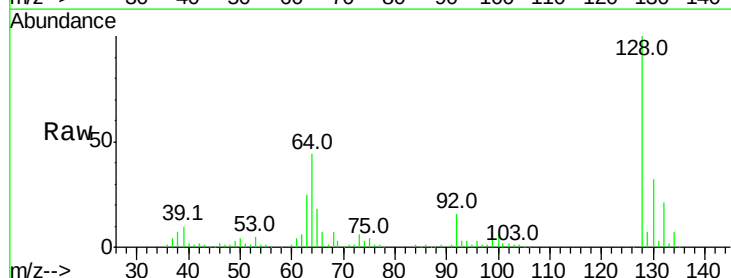
Tgt Ion: 128 Resp: 279606

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

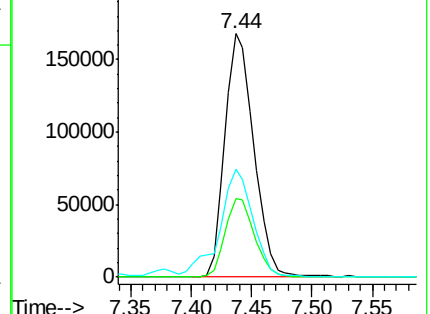
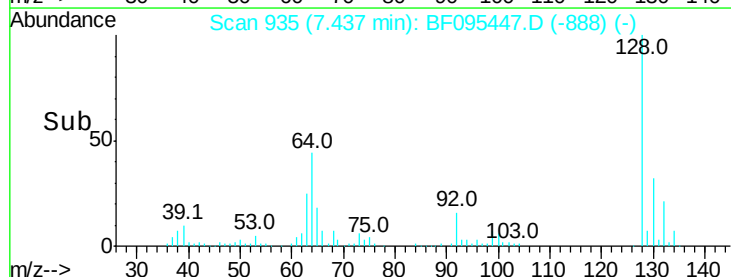
64 44.2 28.4 68.4

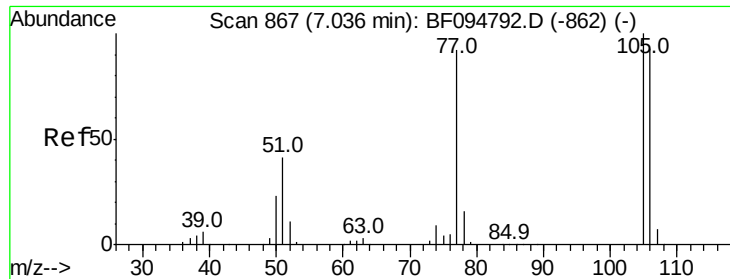


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

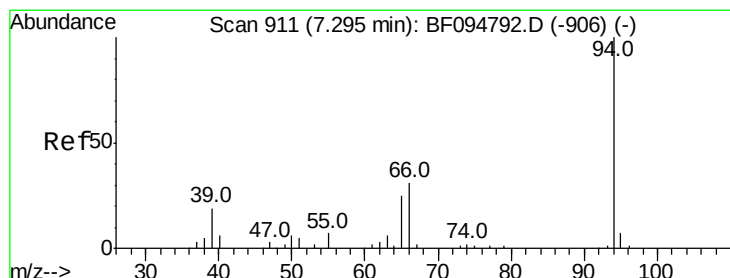
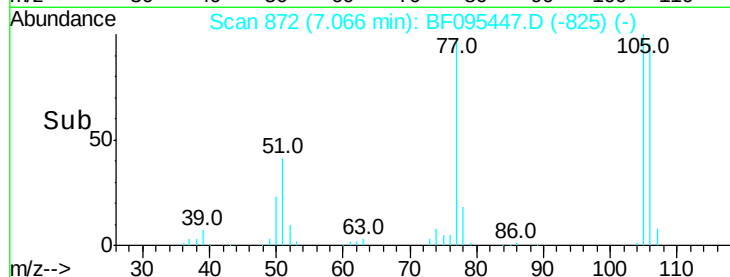
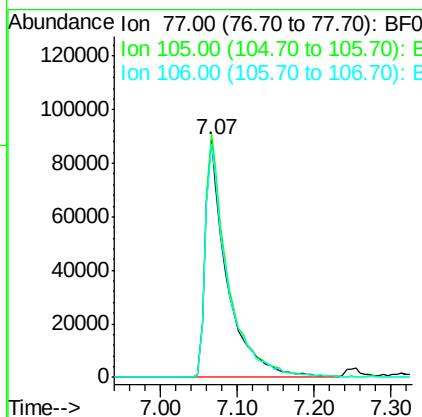
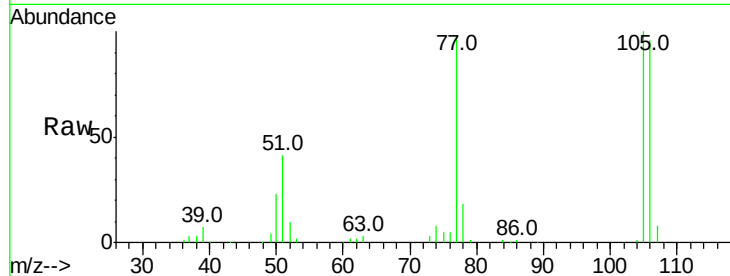




#9
Benzaldehyde
Concen: 38.66 ng
RT: 7.07 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

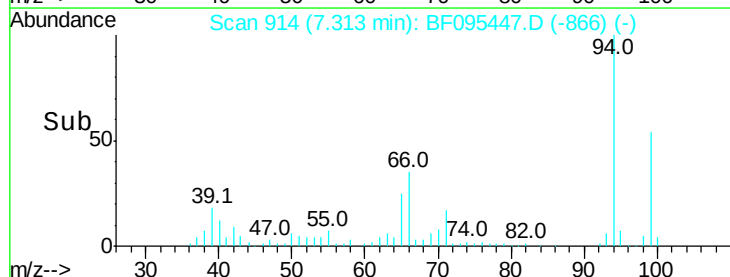
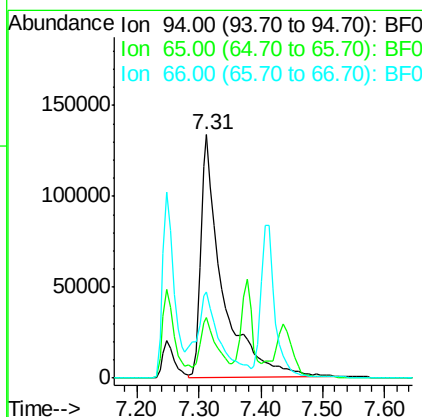
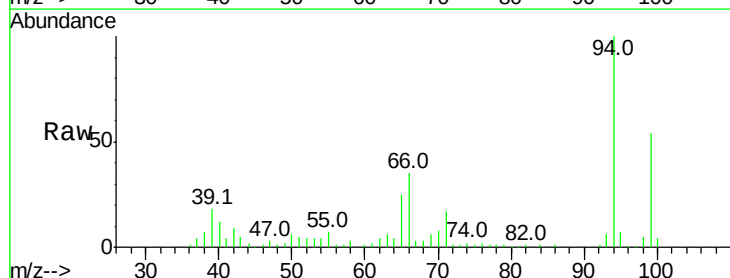
Instrument :
BNA_F
ClientSampleId :

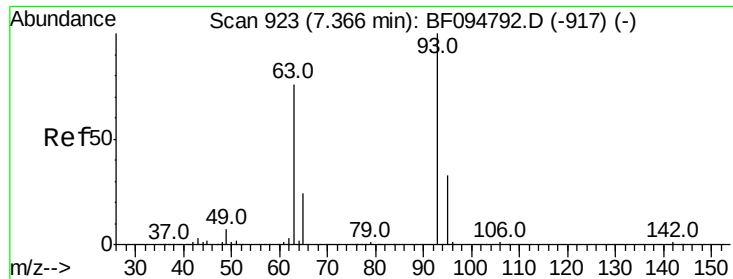
Tot Ion: 77 Resp: 172497
Ion Ratio Lower Upper
77 100
105 102.5 83.8 123.8
106 98.1 79.1 119.1



#10
Phenol
Concen: 42.61 ng
RT: 7.31 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion: 94 Resp: 328104
Ion Ratio Lower Upper
94 100
65 25.0 9.9 49.9
66 35.3 23.1 63.1

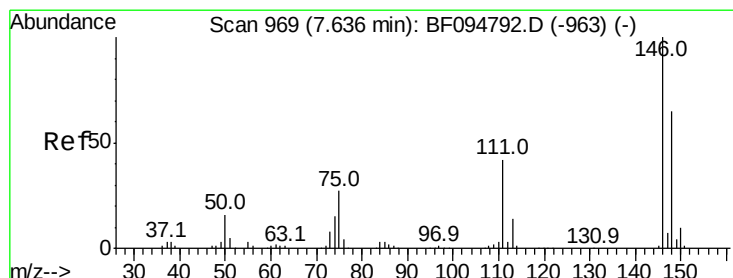
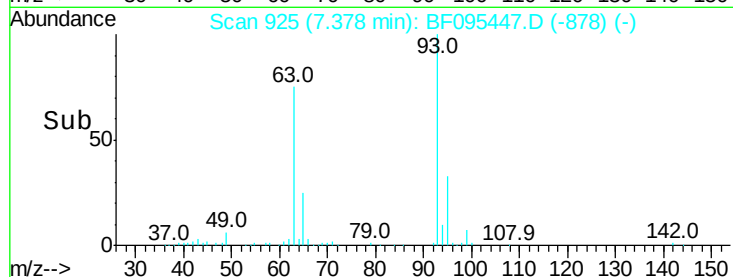
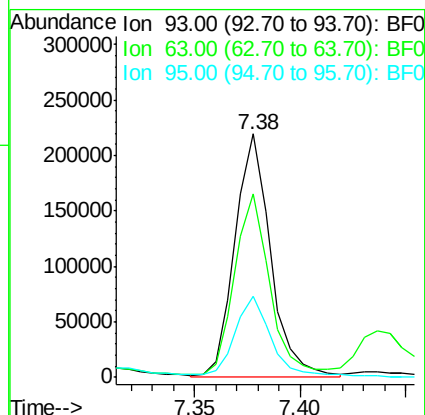
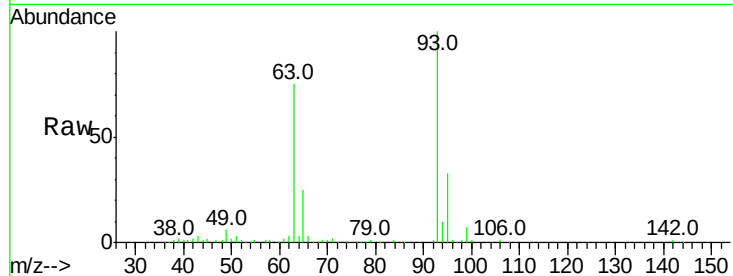




#11
bis(2-Chloroethyl)ether
Concen: 40.48 ng
RT: 7.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

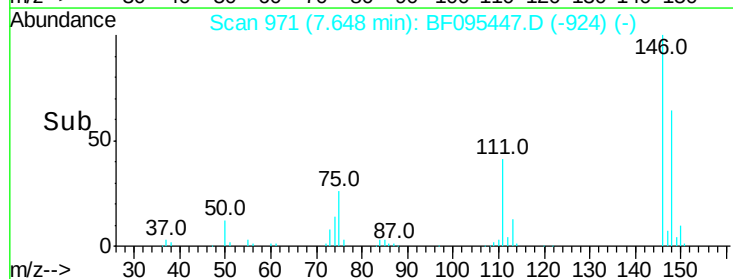
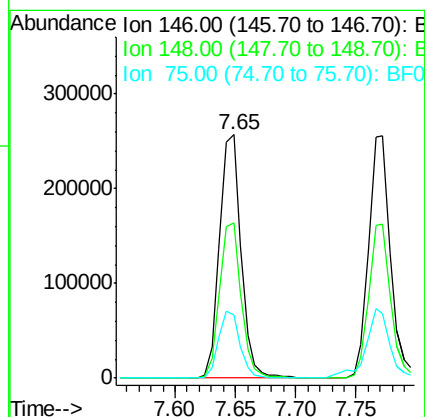
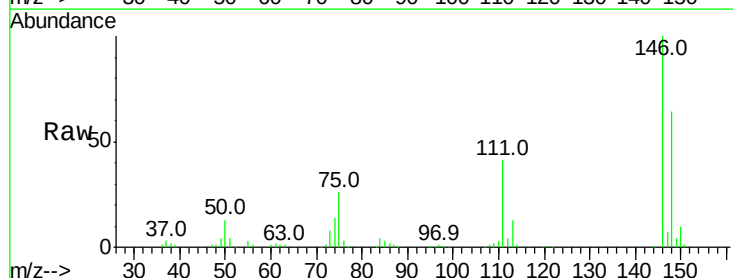
Instrument :
BNA_F
ClientSampled :

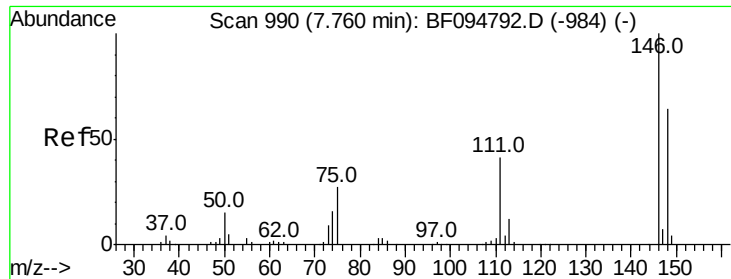
Tot Ion:	93	Resp:	257369
Ion	Ratio	Lower	Upper
93	100		
63	75.4	59.2	99.2
95	33.1	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.22 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion:	146	Resp:	316307
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	25.8	23.1	34.7

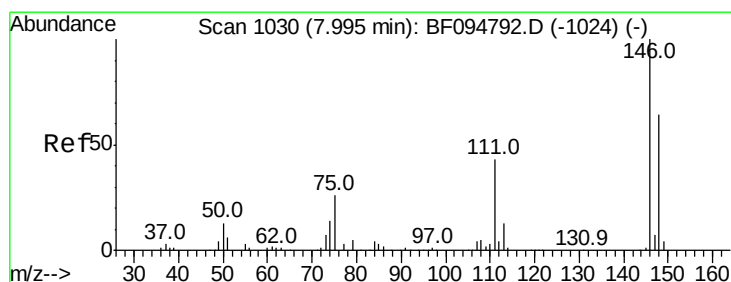
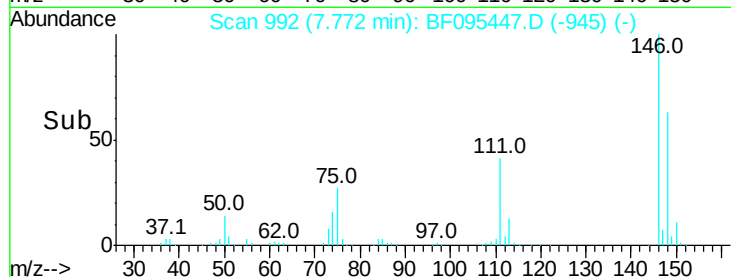
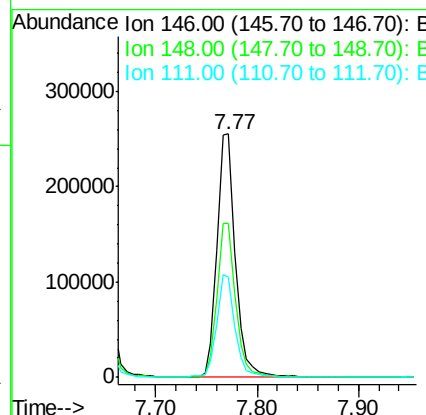
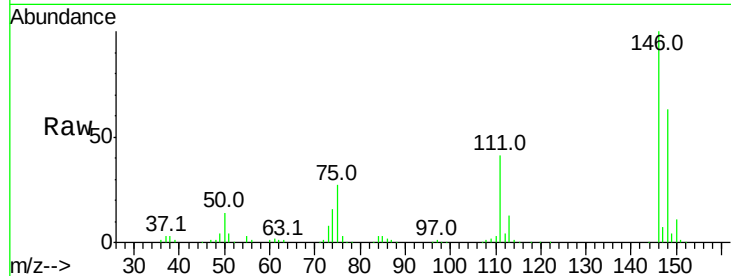




#13
 1,4-Dichlorobenzene
 Concen: 40.59 ng
 RT: 7.77 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

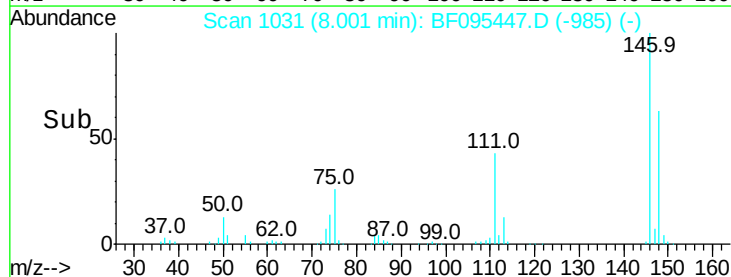
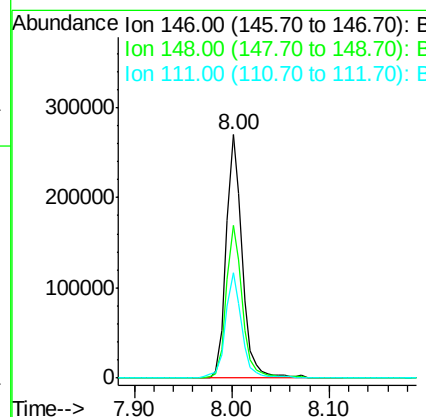
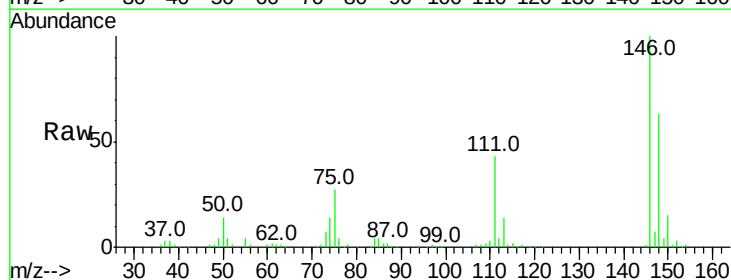
Instrument :
 BNA_F
 ClientSampleId :

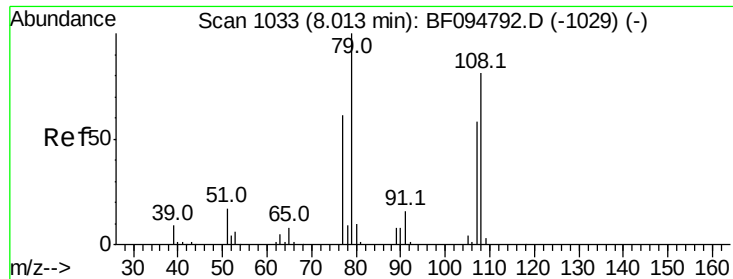
Tot Ion:146 Resp: 323705
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 41.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.55 ng
 RT: 8.00 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:146 Resp: 309271
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 43.5 38.2 57.4

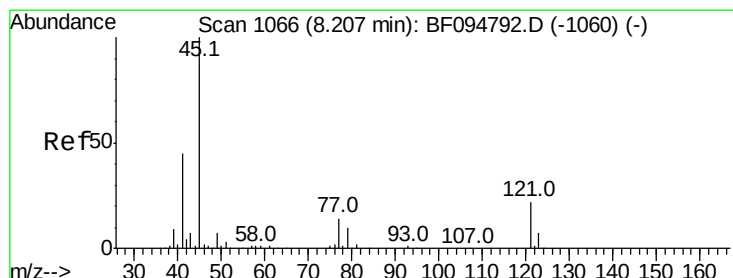
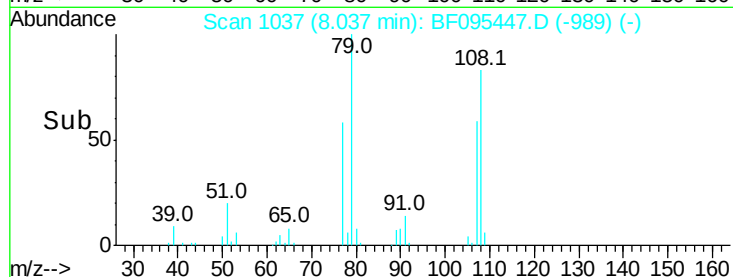
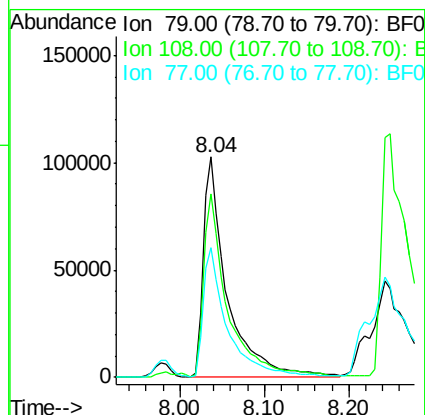
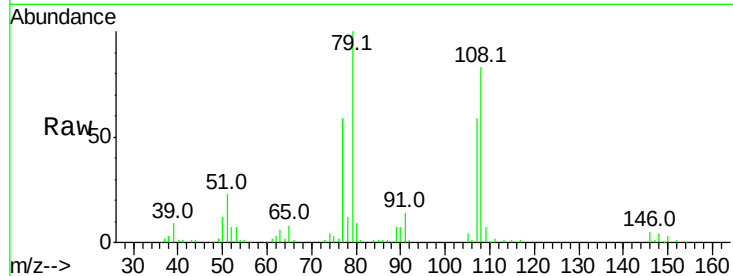




#15
Benzyl Alcohol
Concen: 42.71 ng
RT: 8.04 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

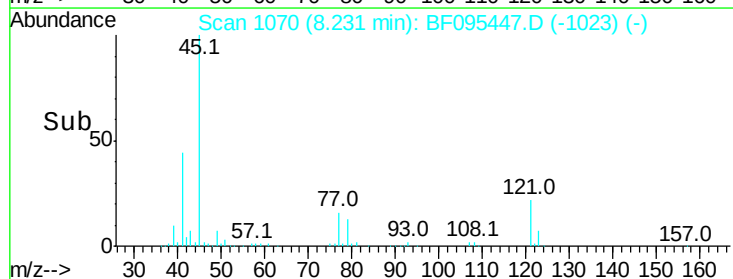
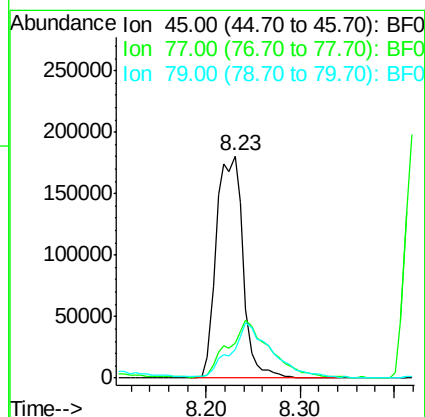
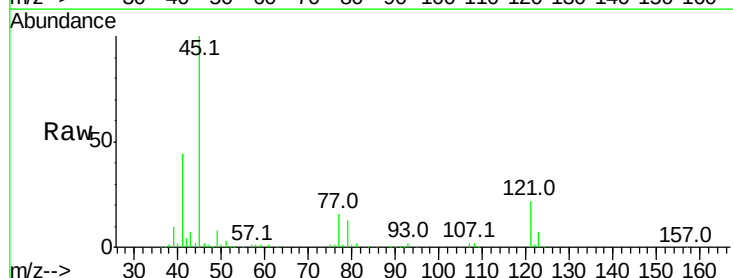
Instrument :
BNA_F
ClientSampled :

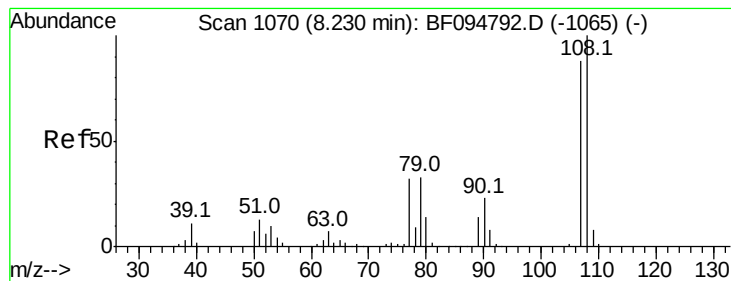
Tot Ion: 79 Resp: 200767
Ion Ratio Lower Upper
79 100
108 83.2 63.4 95.0
77 58.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.07 ng
RT: 8.23 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion: 45 Resp: 360590
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.2
79 13.1 0.0 30.0

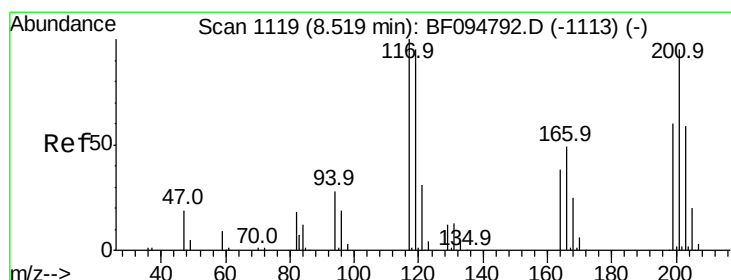
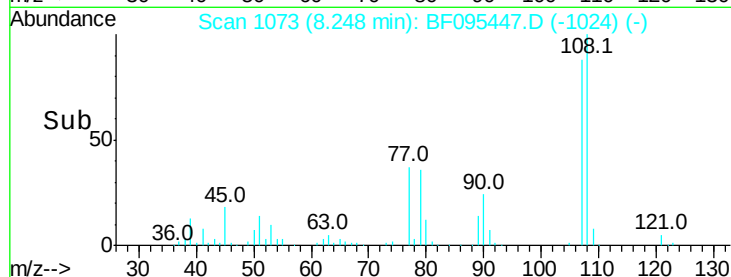
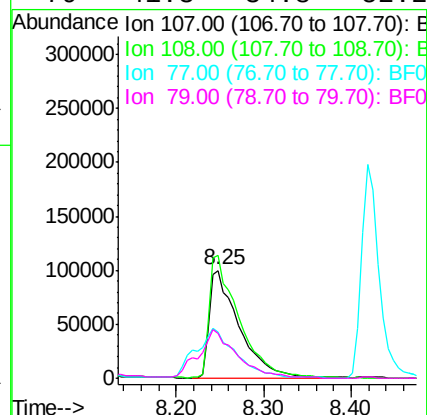
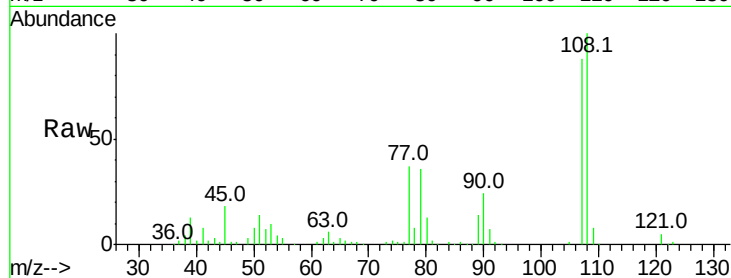




#17
2-Methylphenol
Concen: 41.84 ng
RT: 8.25 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

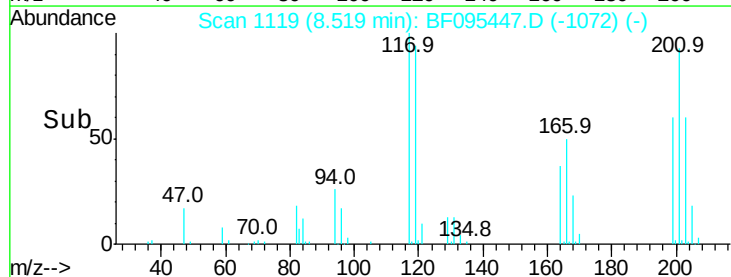
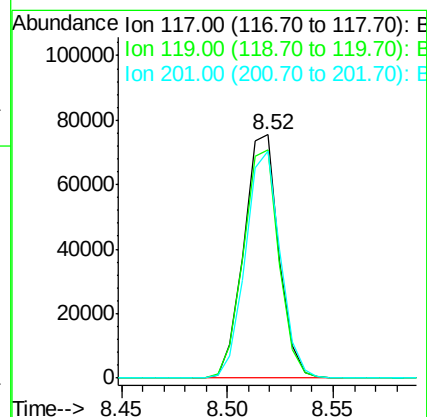
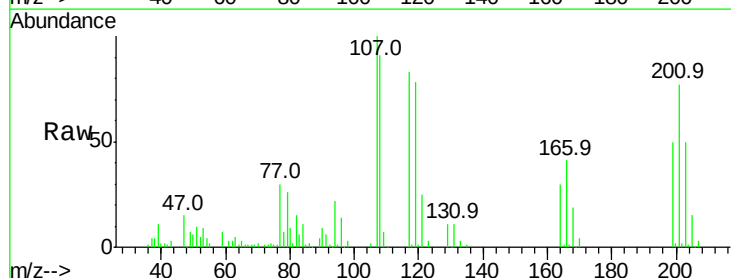
Instrument :
BNA_F
ClientSampleId :

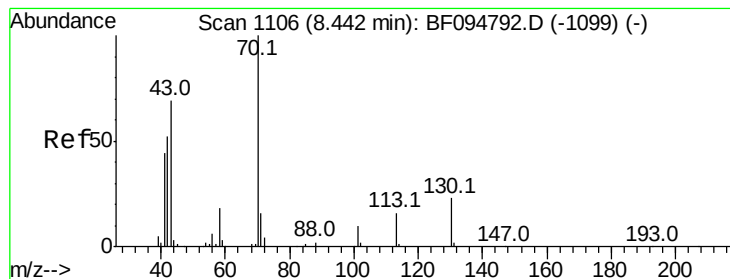
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.4	140.0
77	42.4	35.8	53.6
79	41.3	34.8	52.2



#18
Hexachloroethane
Concen: 32.19 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.4	116.0
201	93.3	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.59 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 200625

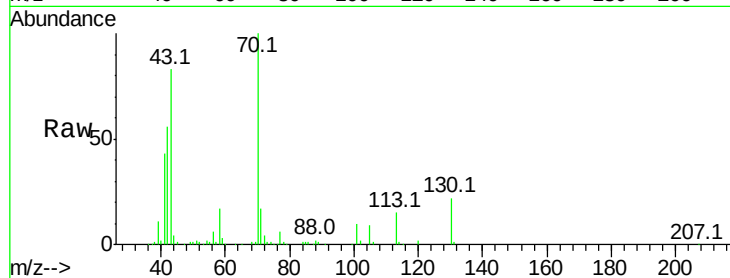
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.2	70.8
101	9.7	7.2	10.8
130	22.5	15.9	23.9

70 100

42 55.8 47.2 70.8

101 9.7 7.2 10.8

130 22.5 15.9 23.9

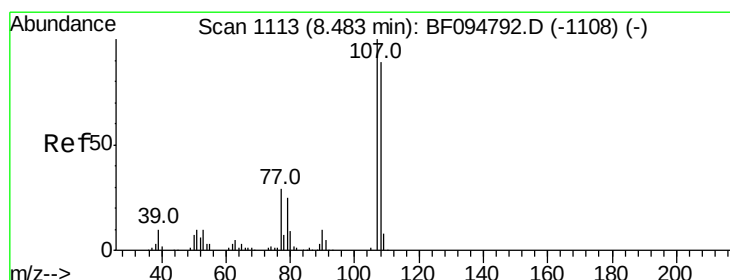
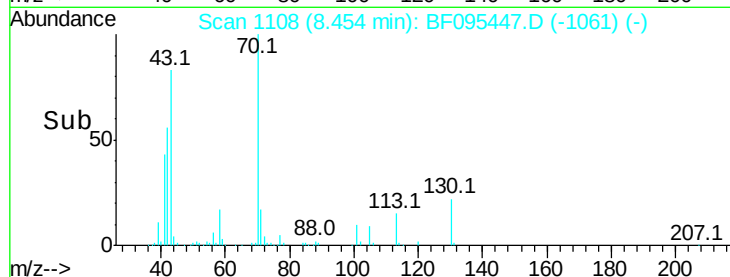
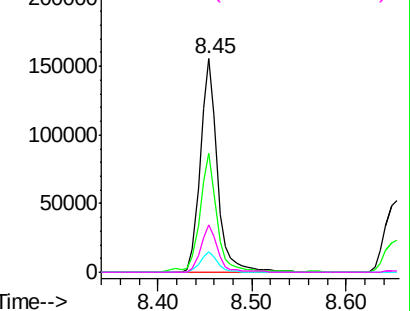


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.17 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:107 Resp: 309685

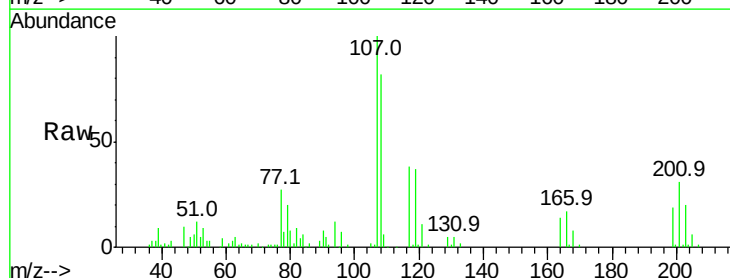
Ion	Ratio	Lower	Upper
107	100		
108	82.0	71.0	111.0
77	27.1	90.5	130.5#
79	20.4	8.4	48.4

107 100

108 82.0 71.0 111.0

77 27.1 90.5 130.5#

79 20.4 8.4 48.4

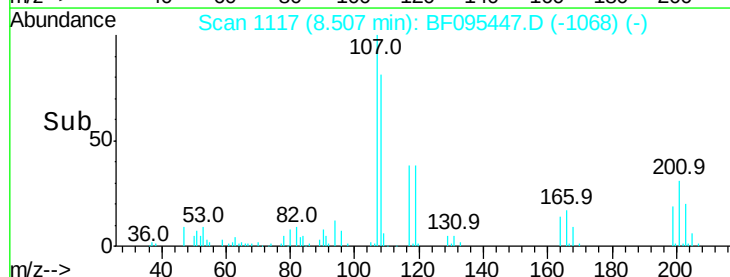
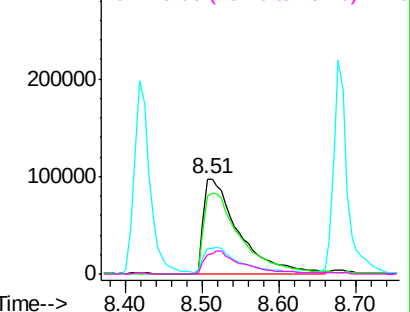


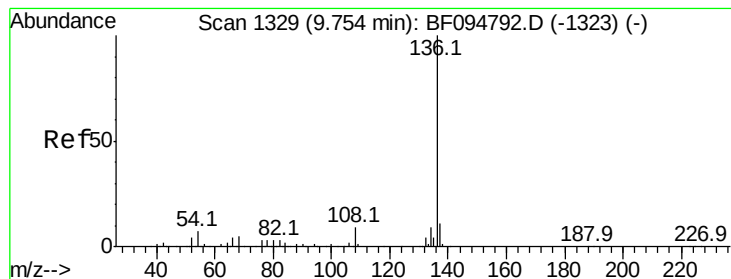
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.76 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095447.D

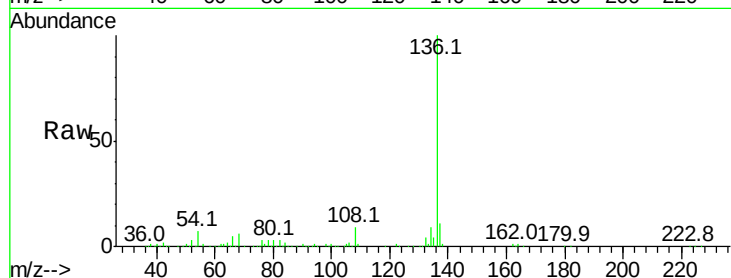
Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	405647
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.0	4.9 7.3
68	6.3	4.1 6.1#



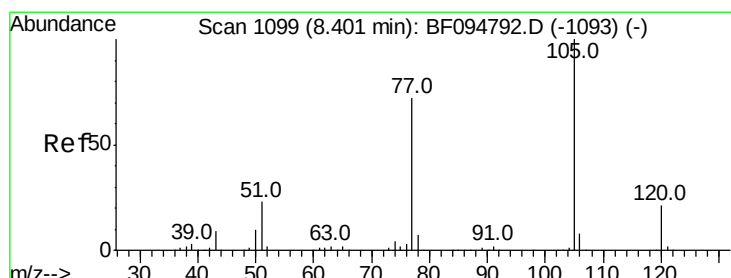
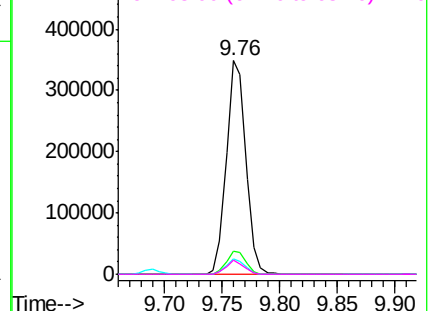
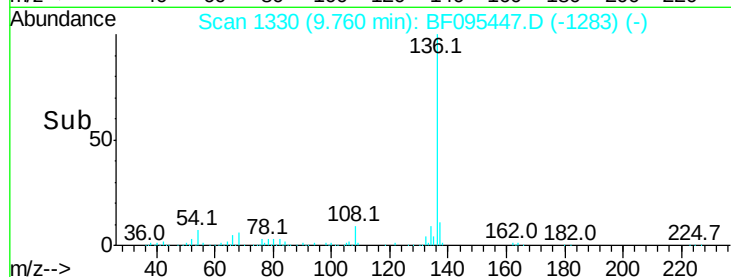
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.90 ng

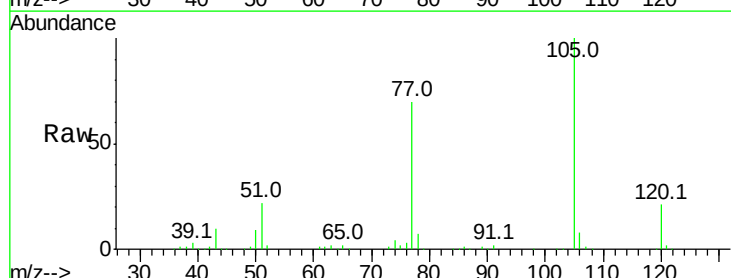
RT: 8.42 min Scan# 1102

Delta R.T. -0.03 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:105	Resp:	398049
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.2	30.7 46.1#
120	20.9	17.4 26.0



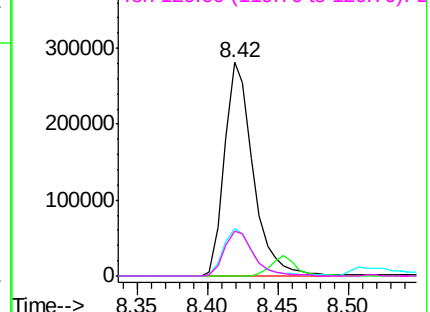
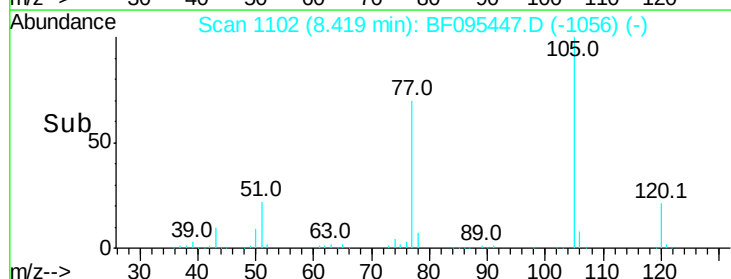
Abundance

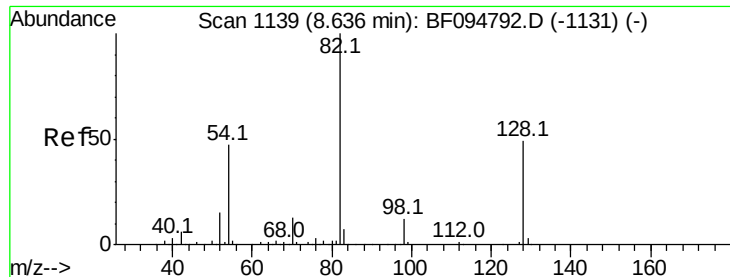
Ion 105.00 (104.70 to 105.70): E

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

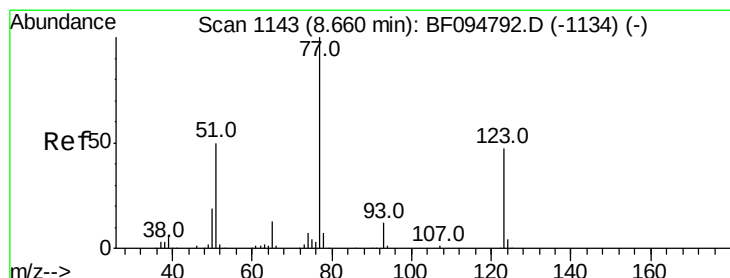
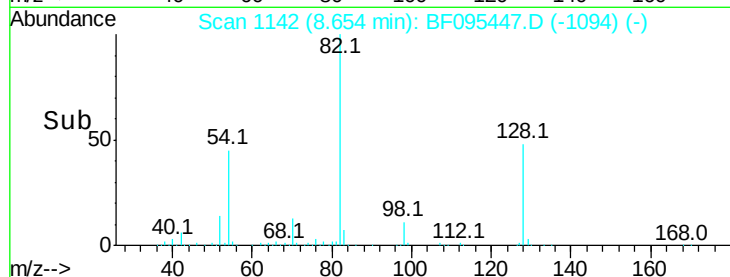
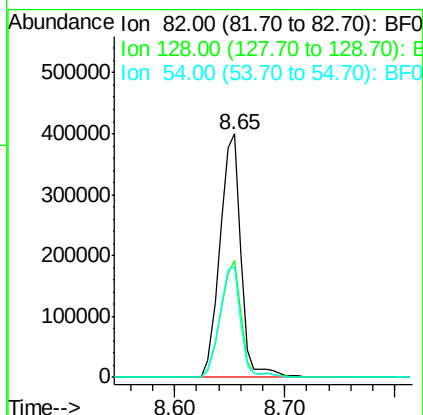
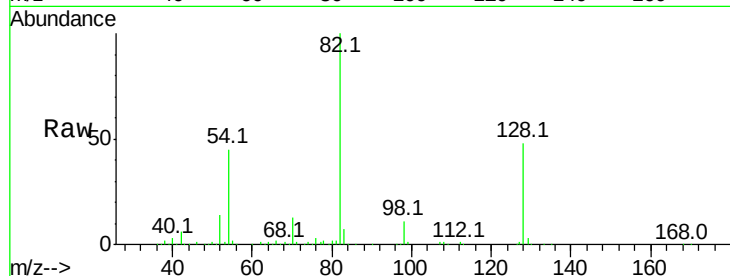




#23
 Nitrobenzene-d5
 Concen: 82.55 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

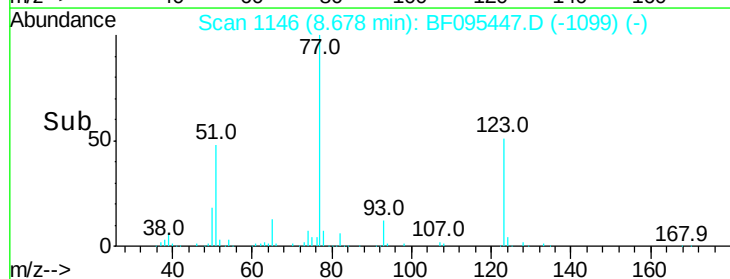
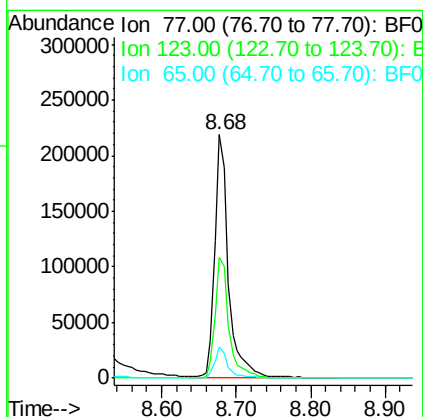
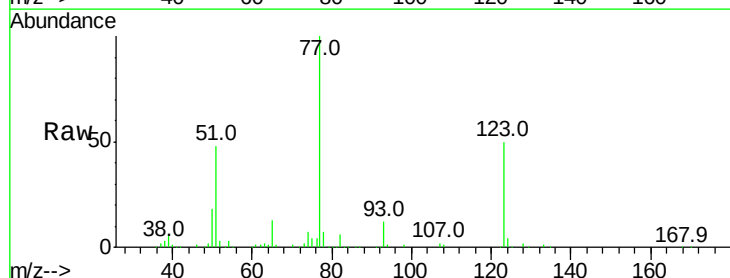
Instrument :
 BNA_F
 ClientSampleId :

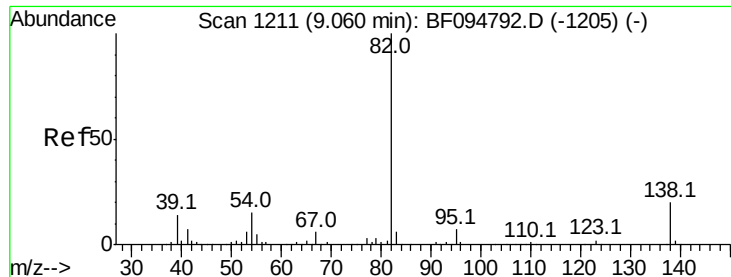
Tot Ion: 82 Resp: 531034
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 45.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.02 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion: 77 Resp: 276562
 Ion Ratio Lower Upper
 77 100
 123 49.7 35.8 53.8
 65 12.8 10.6 15.8





#25

Isophorone

Concen: 41.69 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :

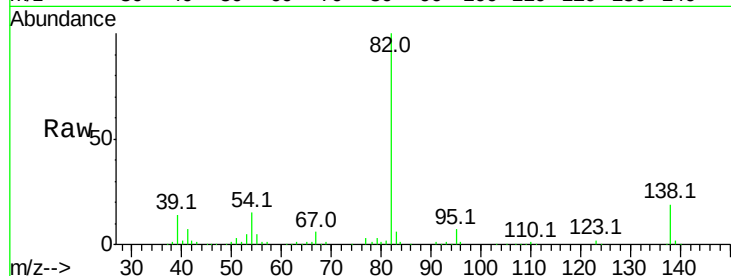
Tot Ion: 82 Resp: 478886

Ion Ratio Lower Upper

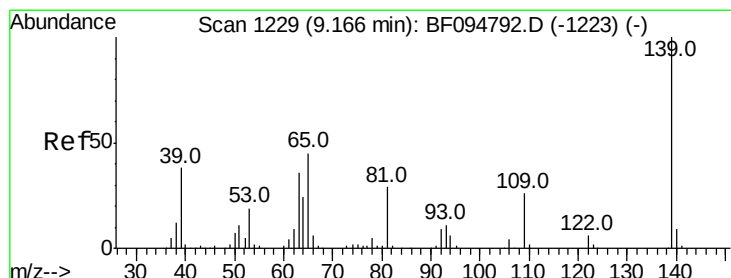
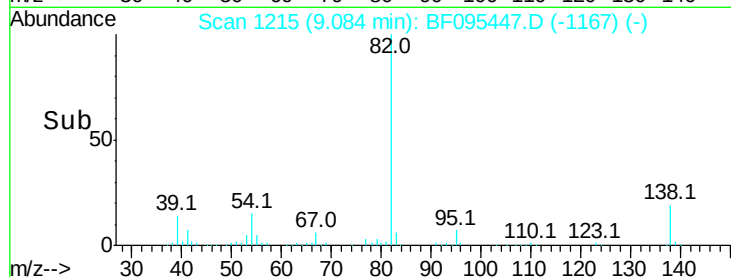
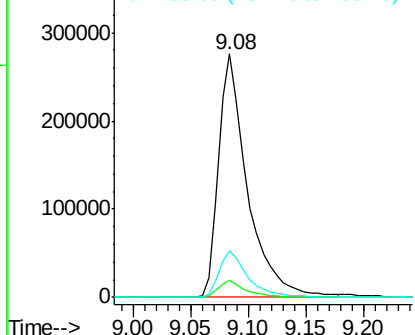
82 100

95 7.1 5.3 7.9

138 19.0 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.68 ng

RT: 9.19 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

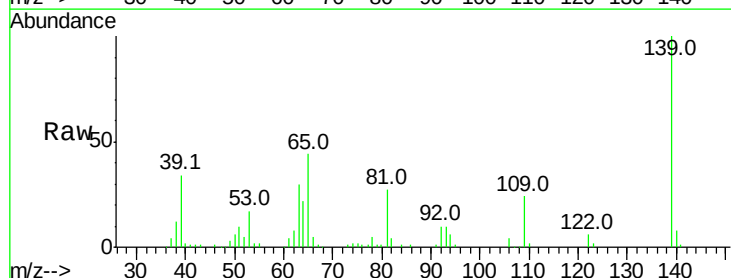
Tgt Ion: 139 Resp: 137077

Ion Ratio Lower Upper

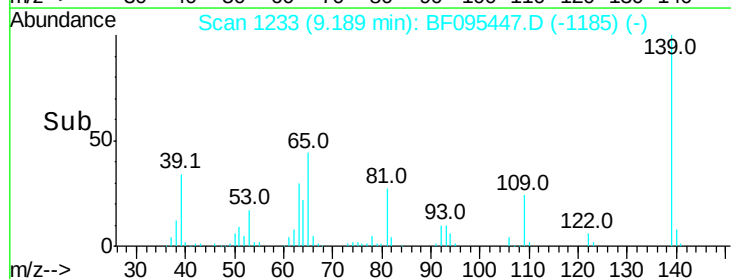
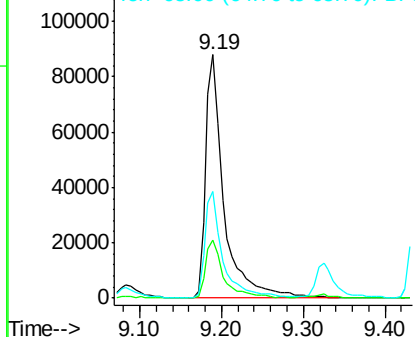
139 100

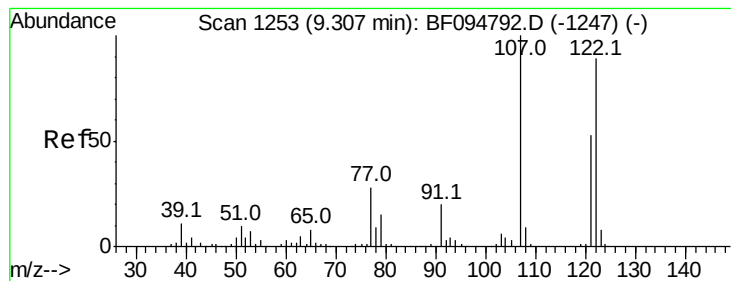
109 23.9 21.0 31.6

65 43.6 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 42.01 ng

RT: 9.32 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampled :

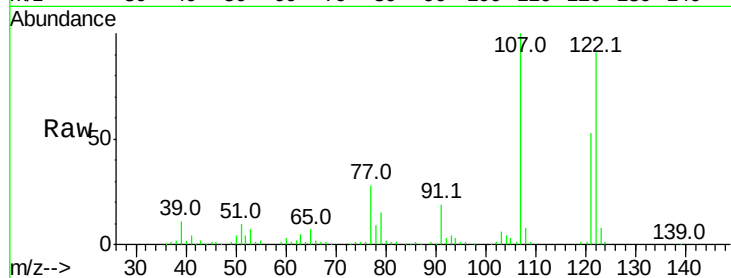
Tot Ion:122 Resp: 247109

Ion Ratio Lower Upper

122 100

107 110.0 89.2 133.8

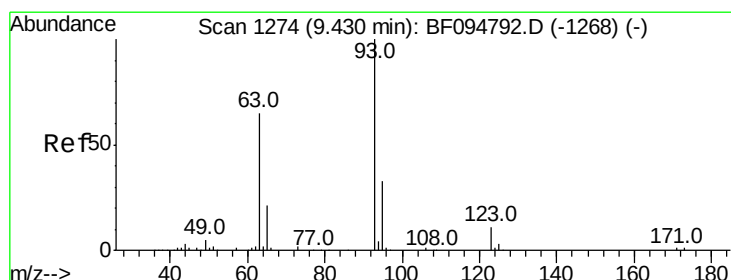
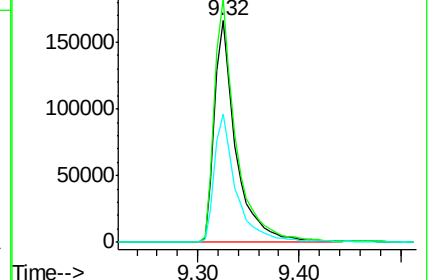
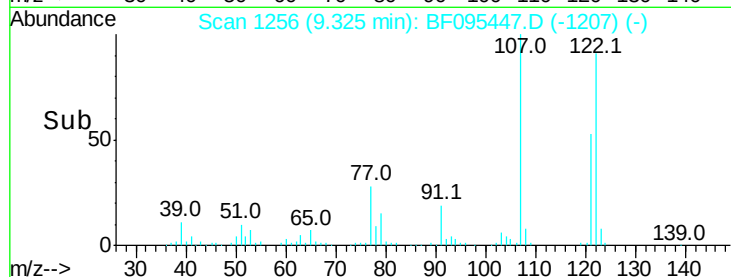
121 57.9 45.2 67.8



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: 42.33 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

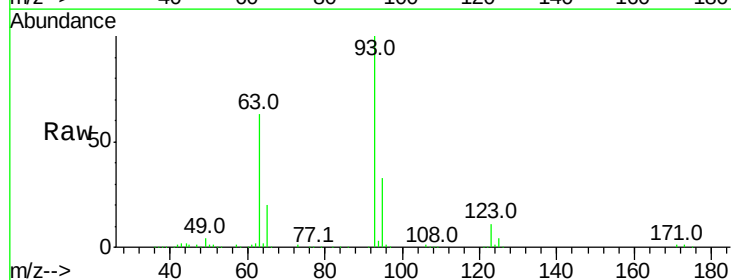
Tgt Ion: 93 Resp: 336382

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

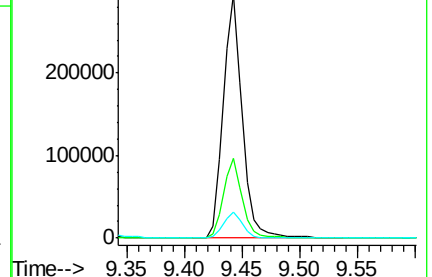
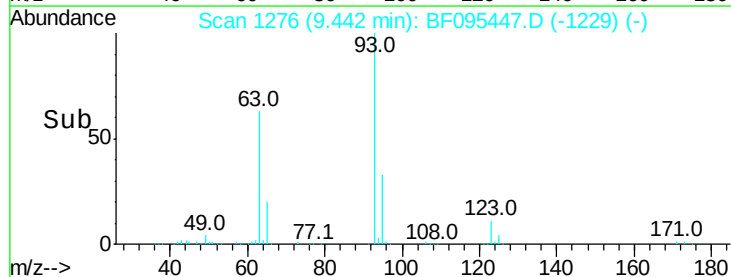
123 10.9 9.0 13.4

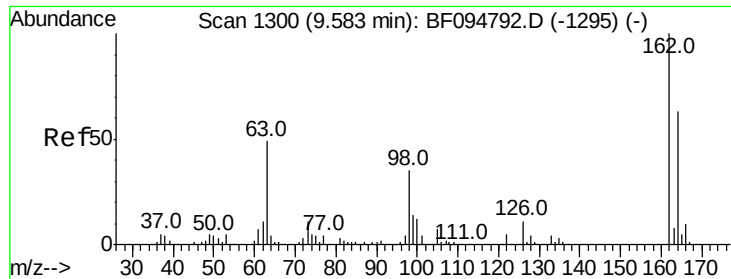


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

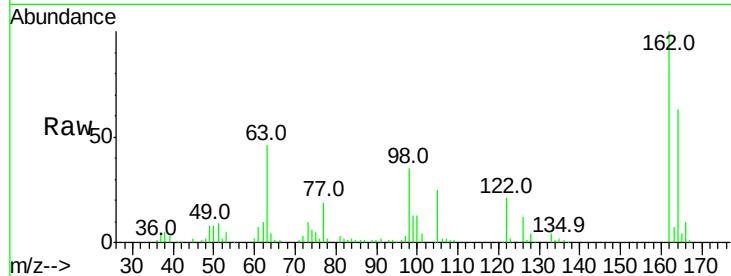




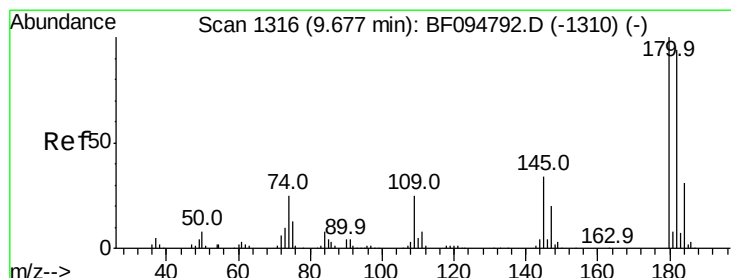
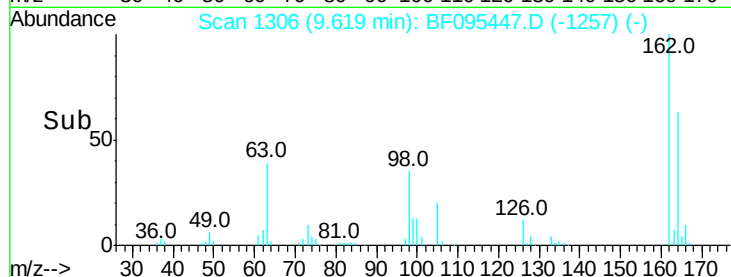
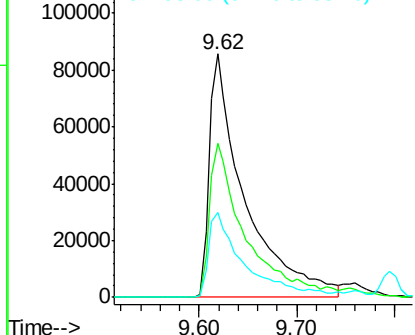
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	34.9	14.8	54.8

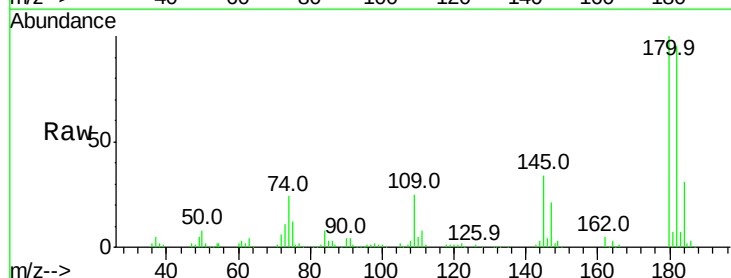


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

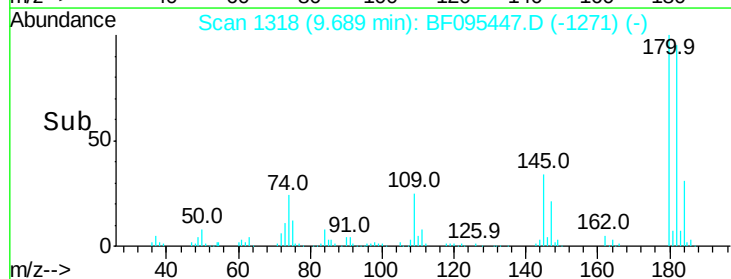
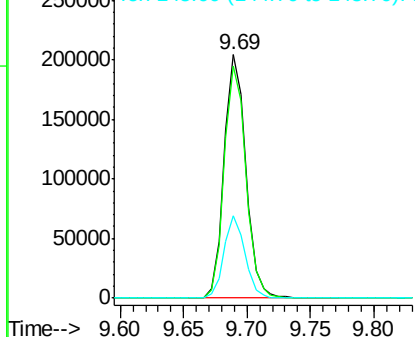


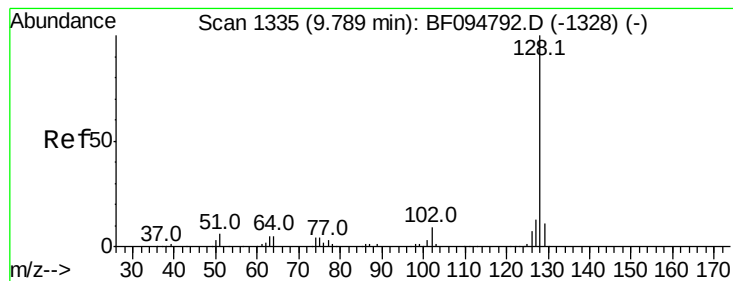
#30
 1,2,4-Trichlorobenzene
 Concen: 40.71 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	33.8	25.3	37.9



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





#31

Naphthalene

Concen: 40.26 ng

RT: 9.80 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

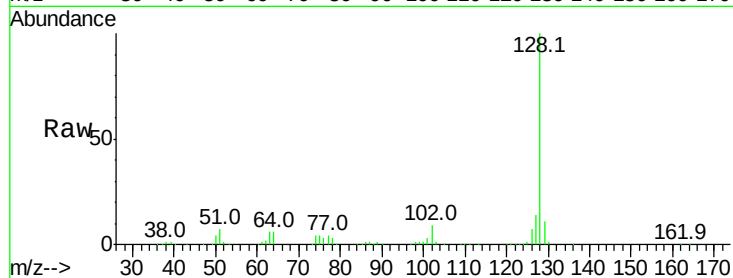
Tot Ion:128 Resp: 820793

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

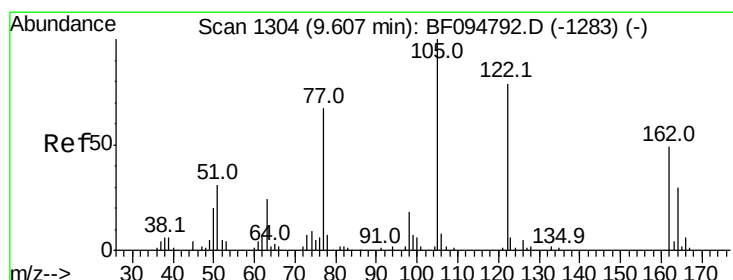
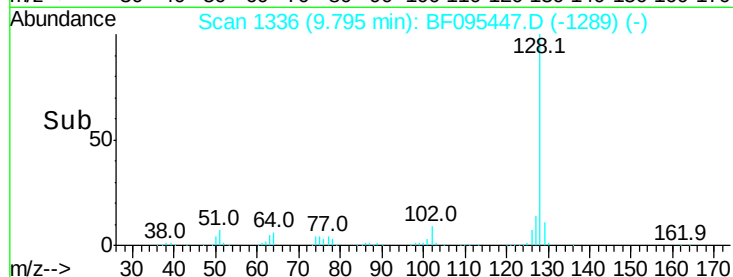
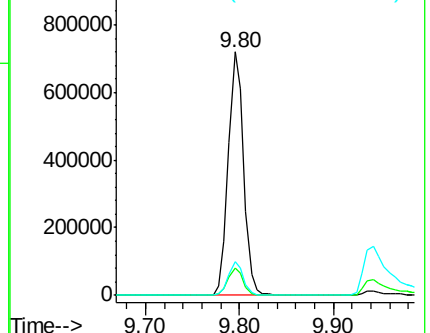
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.83 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

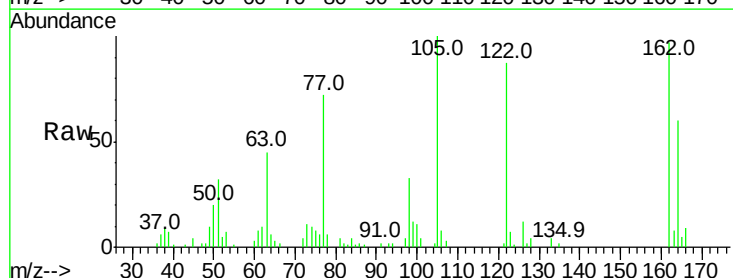
Tgt Ion:122 Resp: 98272

Ion Ratio Lower Upper

122 100

105 115.2 103.3 143.3

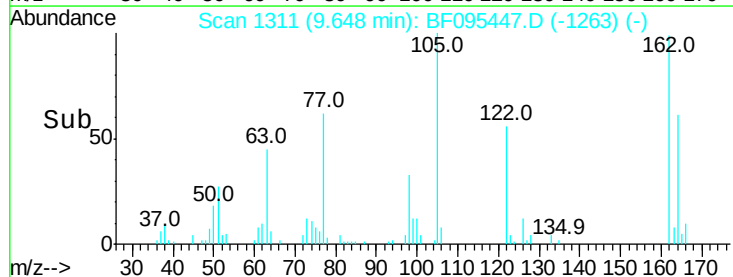
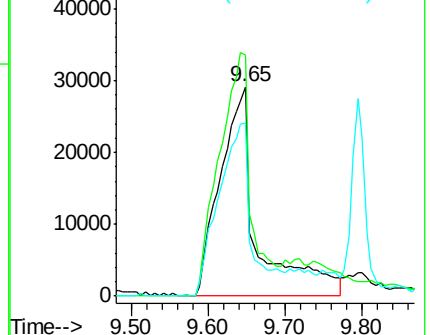
77 82.5 73.7 113.7

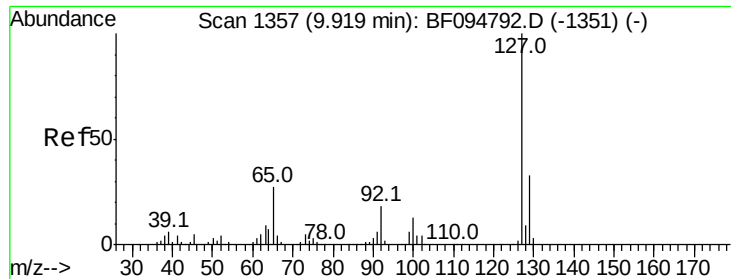


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

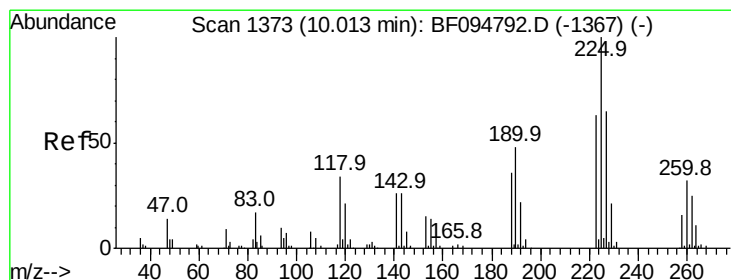
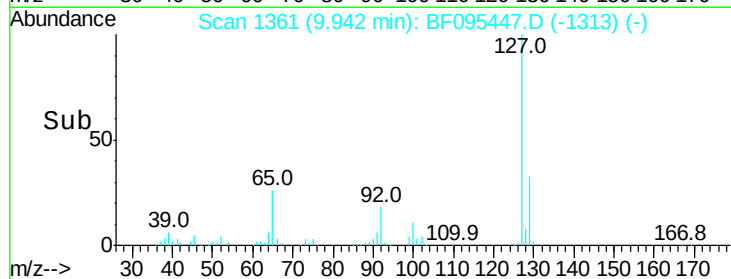
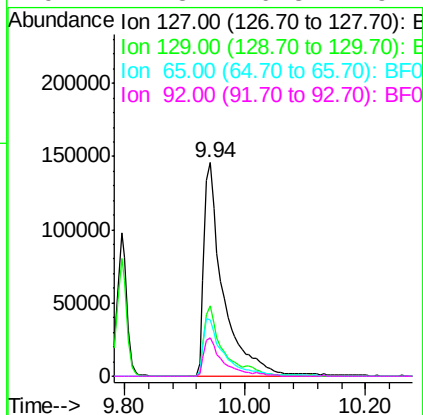
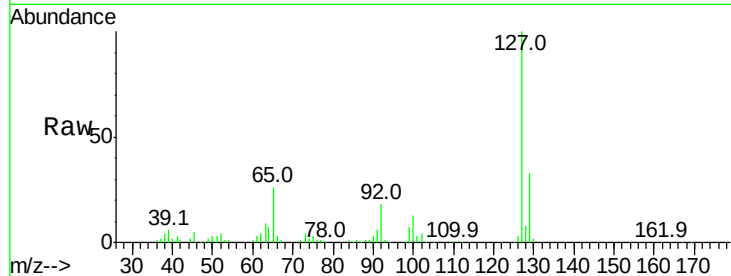




#33
 4-Chloroaniline
 Concen: 42.92 ng
 RT: 9.94 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

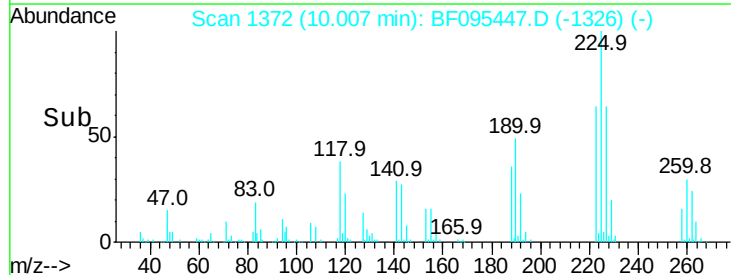
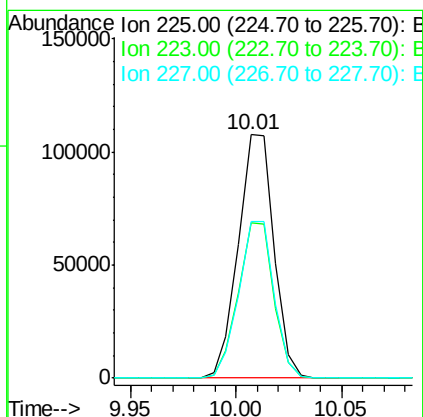
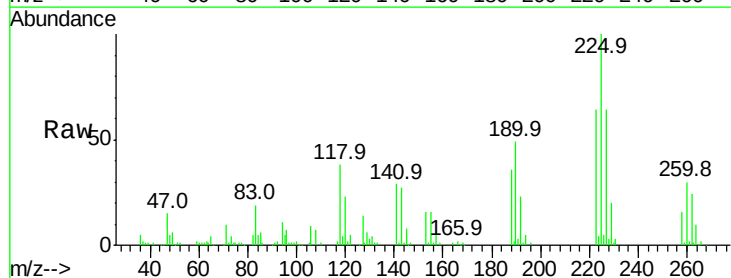
Instrument :
 BNA_F
 ClientSampleId :

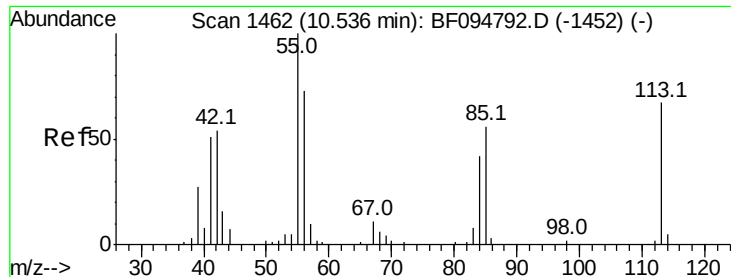
Tot Ion:	127	Resp:	326100
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	26.4	27.8	41.8#
92	17.8	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 40.08 ng
 RT: 10.01 min Scan# 1372
 Delta R.T. -0.03 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:	225	Resp:	125853
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	64.3	51.1	76.7





#35

Caprolactam

Concen: 40.73 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampled :

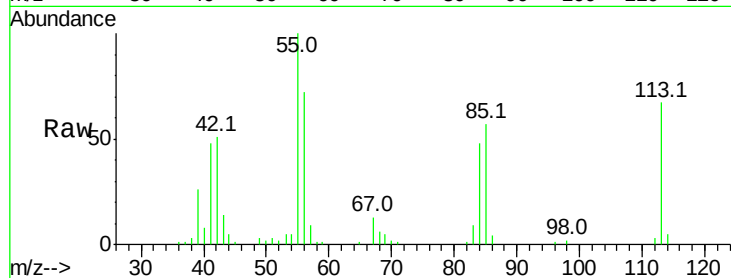
Tot Ion:113 Resp: 67925

Ion Ratio Lower Upper

113 100

55 148.9 150.2 190.2#

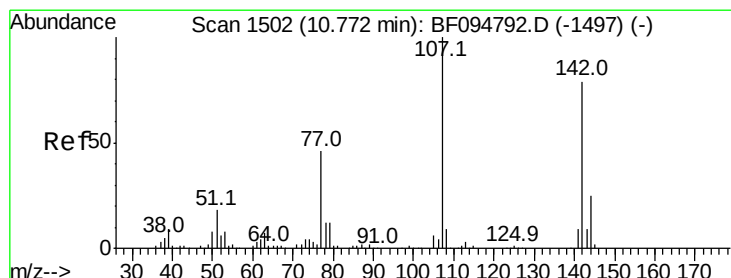
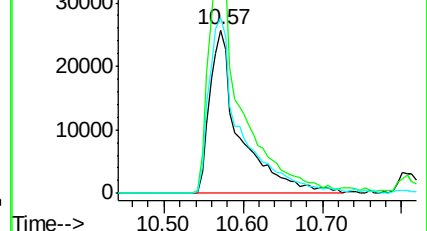
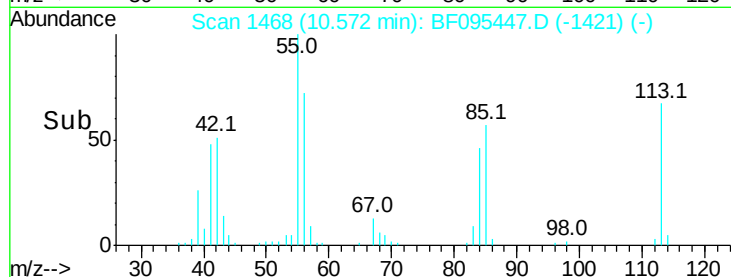
56 107.8 107.8 147.8#



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: 40.66 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

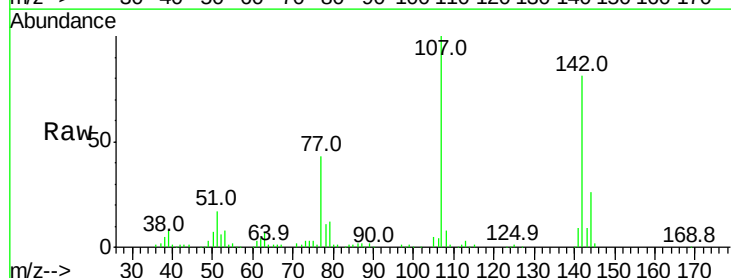
Tgt Ion:107 Resp: 241478

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

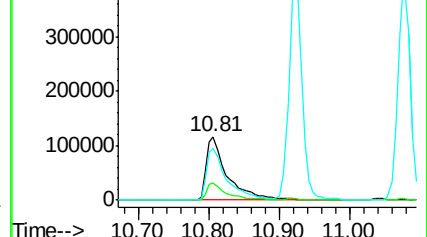
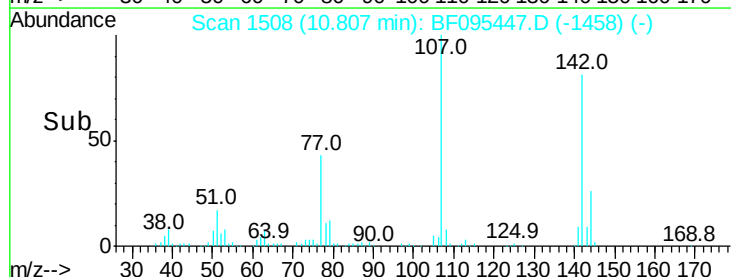
142 81.1 73.4 110.0

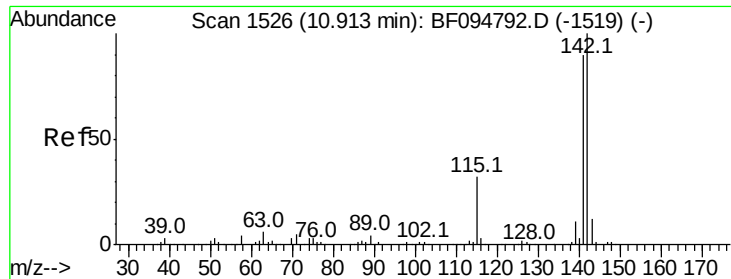


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

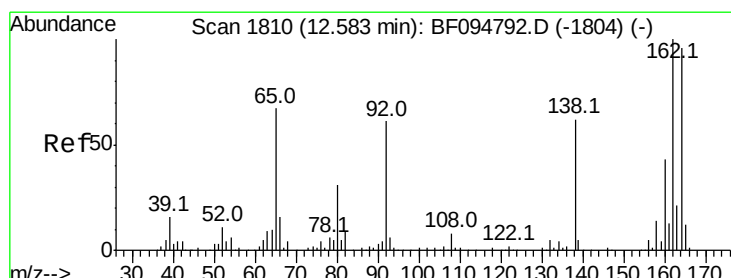
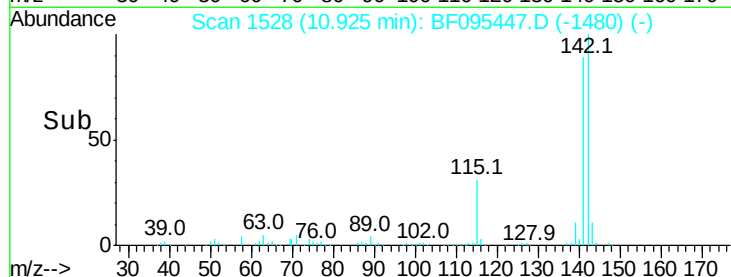
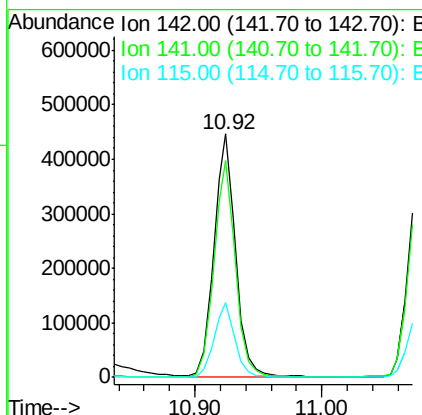
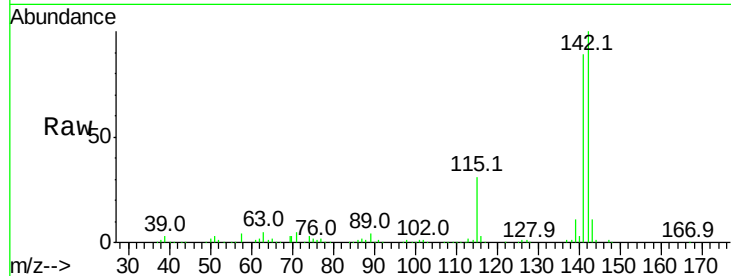




#37
2-Methylnaphthalene
Concen: 39.85 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

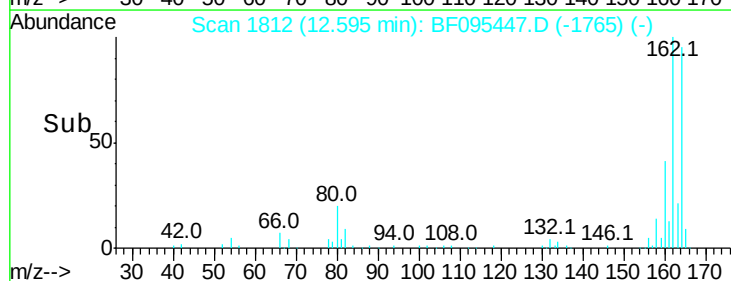
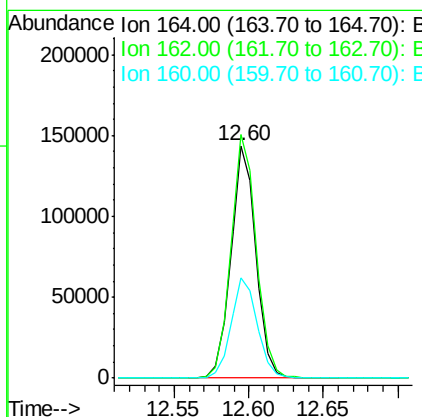
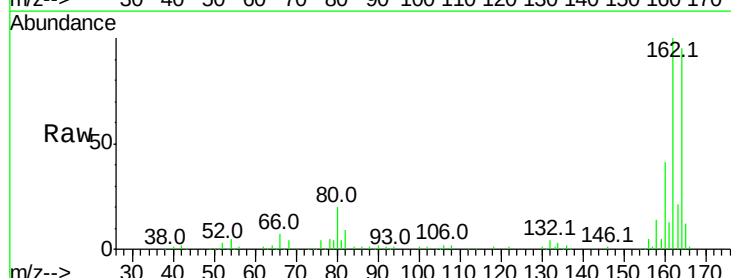
Instrument :
BNA_F
ClientSampleId :

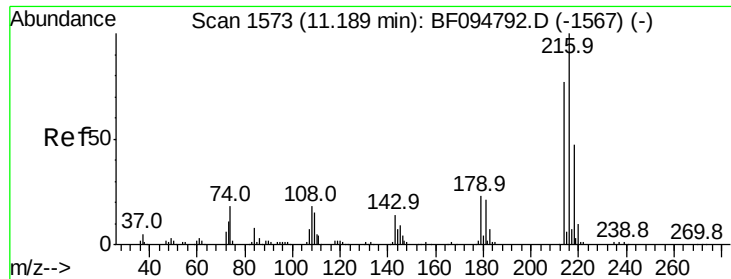
Tot Ion:142 Resp: 533196
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 30.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion:164 Resp: 167765
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 43.2 36.2 54.2

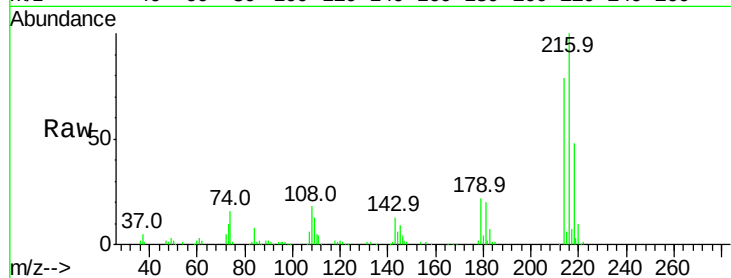




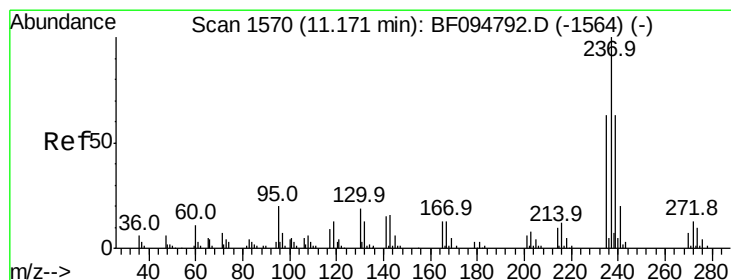
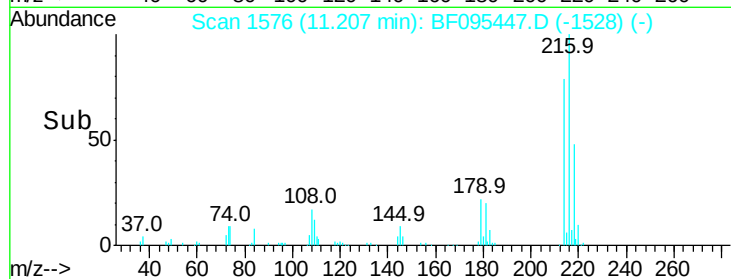
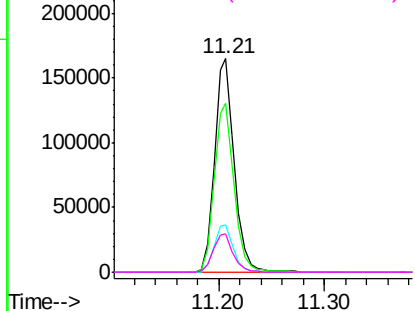
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.97 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	216549
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	21.9	17.9	26.9
108	18.0	16.5	24.7

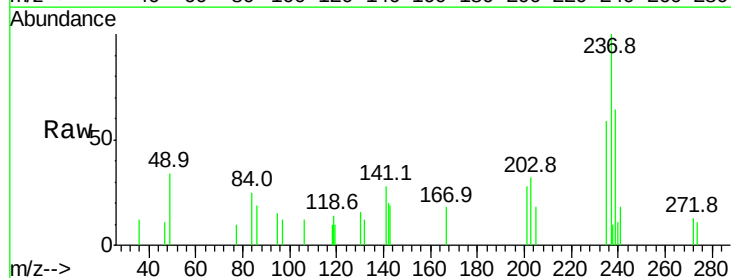


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

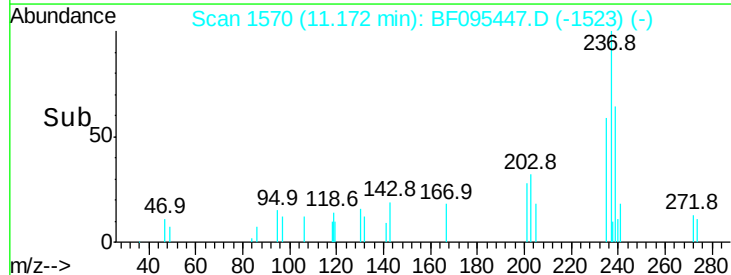
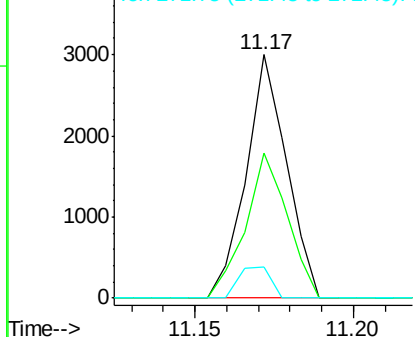


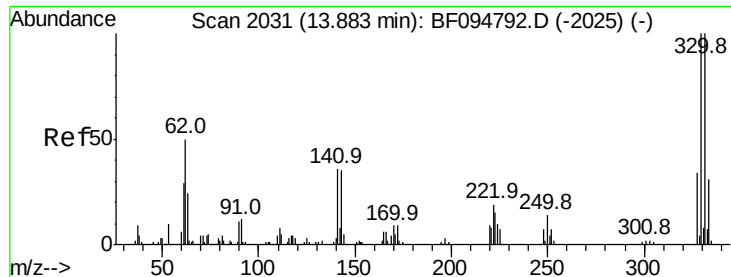
#40
 Hexachlorocyclopentadiene
 Concen: 7.19 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:	237	Resp:	2657
Ion	Ratio	Lower	Upper
237	100		
235	59.4	42.6	82.6
272	12.8	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

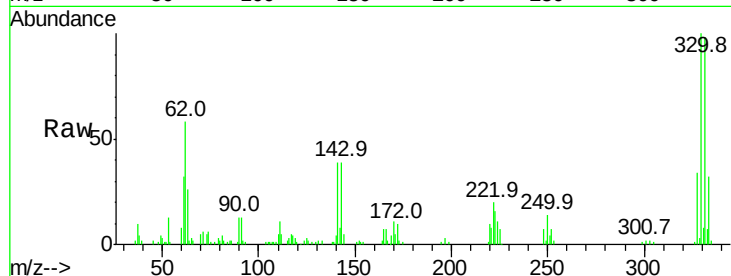




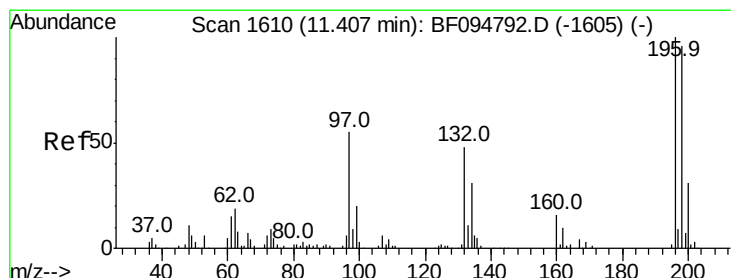
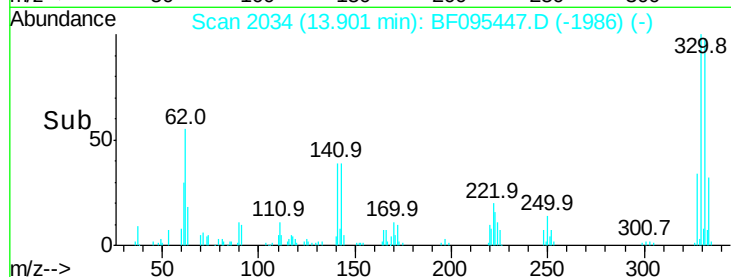
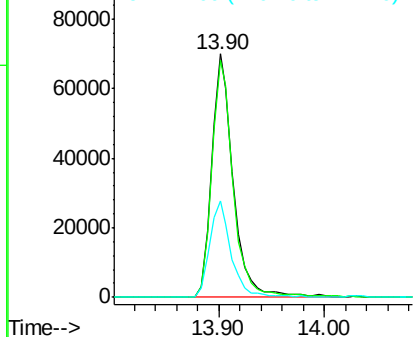
#41
 2,4,6-Tribromophenol
 Concen: 72.97 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 100263
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.4 31.4 47.2

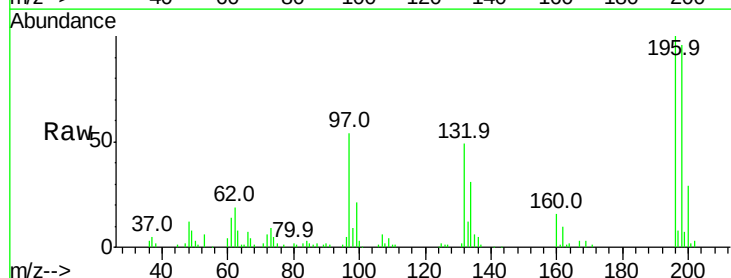


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

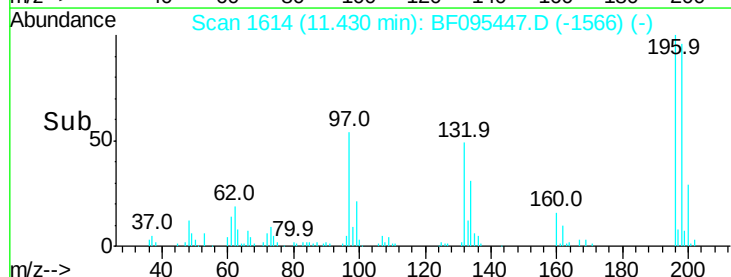
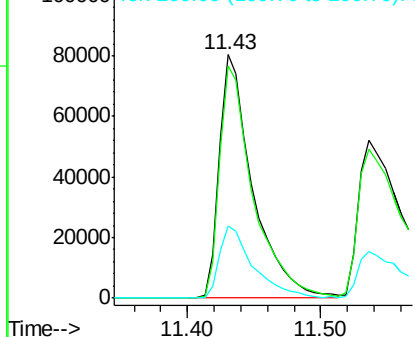


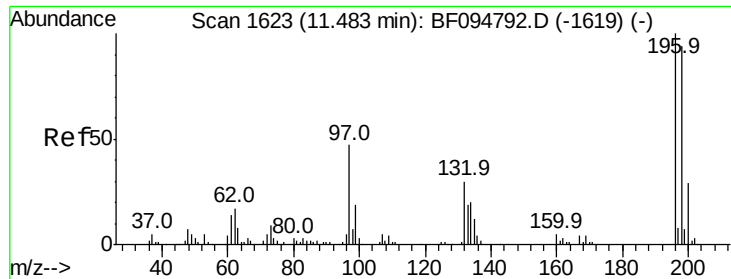
#42
 2,4,6-Trichlorophenol
 Concen: 41.21 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:196 Resp: 141946
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 29.4 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

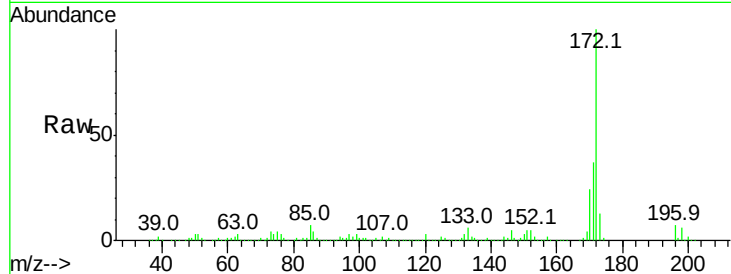




#43
 2,4,5-Trichlorophenol
 Concen: 36.63 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
97	48.5	47.7	71.5
132	37.4	28.0	42.0



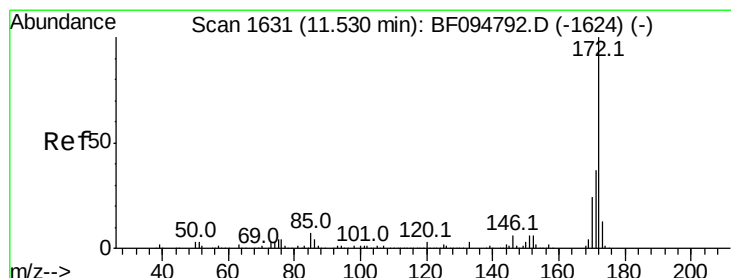
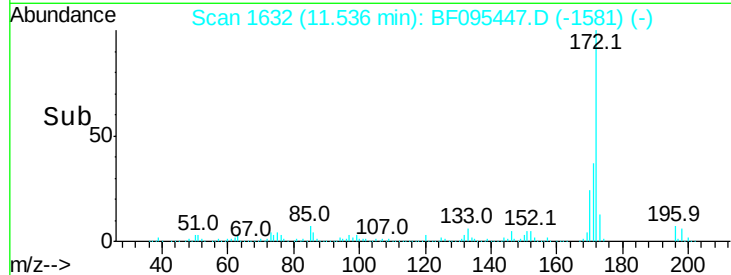
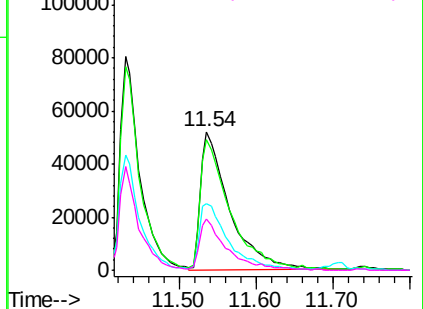
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

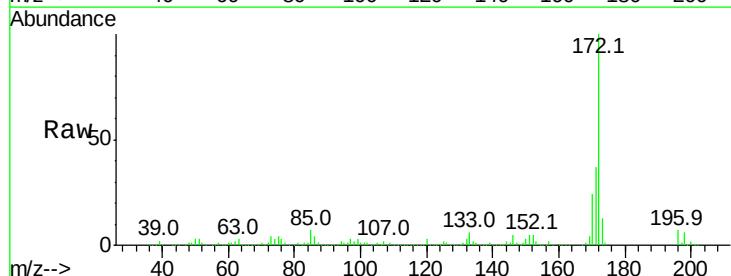
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.7	19.8	29.8

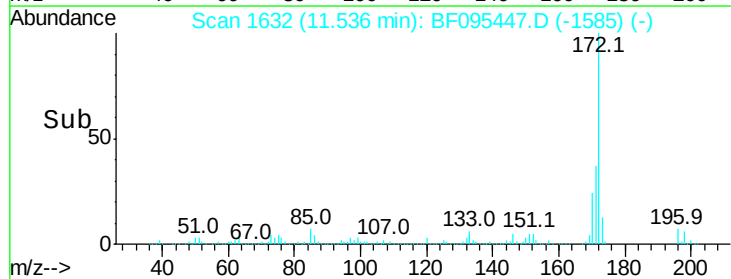
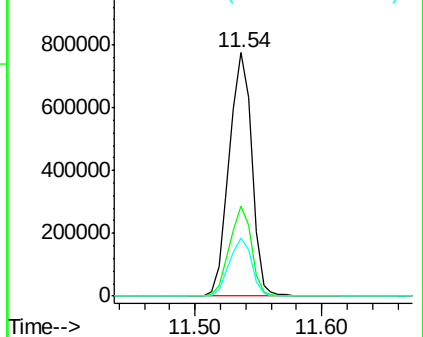


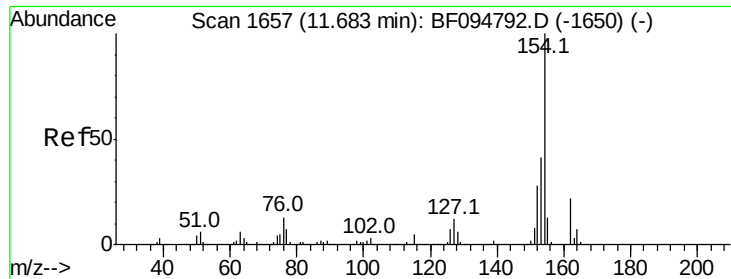
Abundance

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

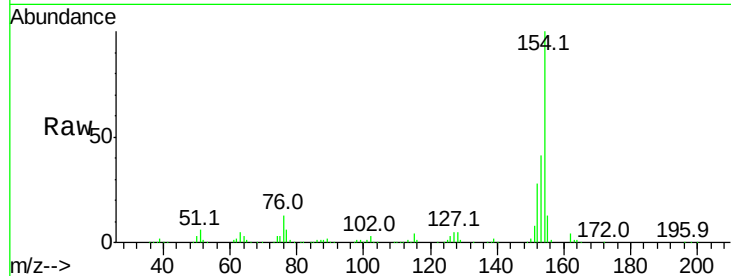




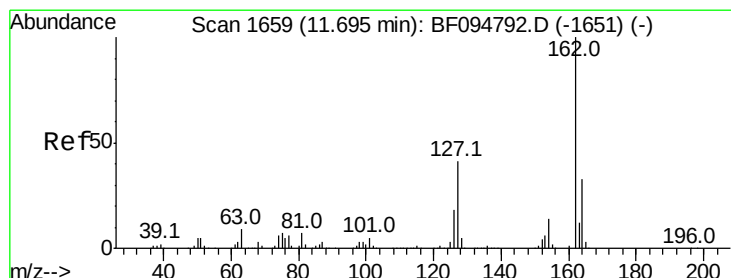
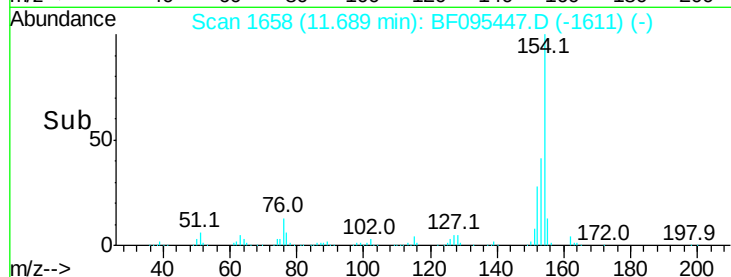
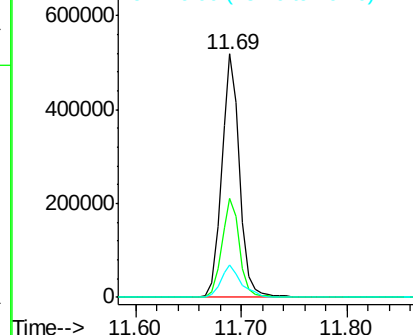
#45
 1,1'-Biphenyl
 Concen: 43.46 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	13.3	0.0	29.9

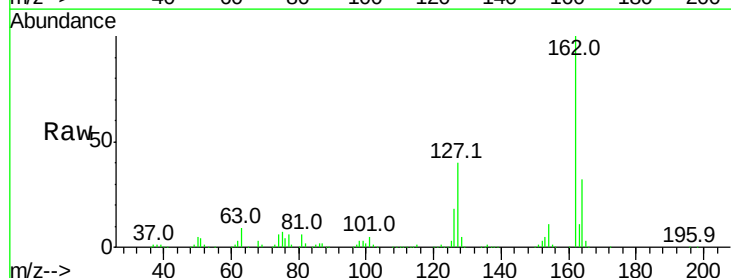


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

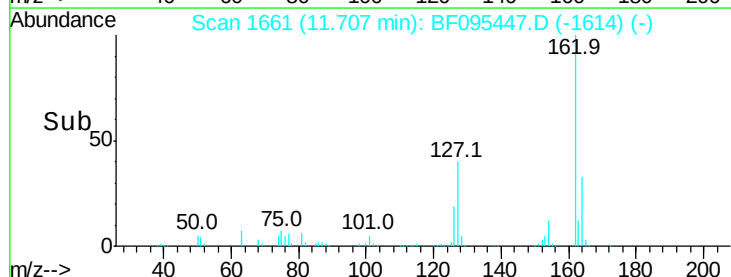
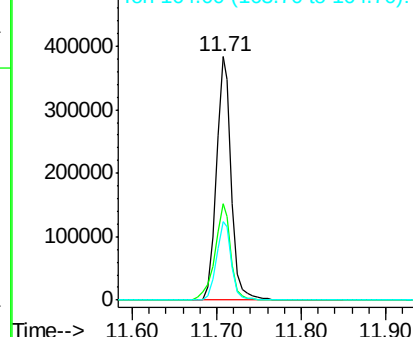


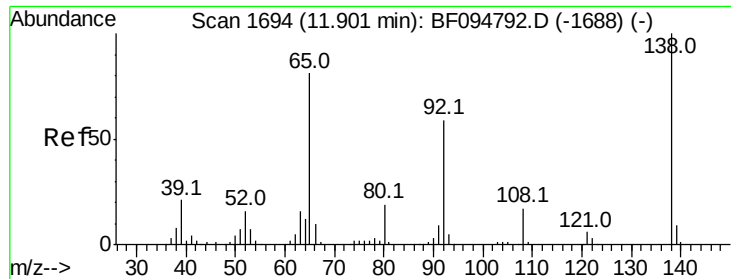
#46
 2-Chloronaphthalene
 Concen: 41.97 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	28.3	42.5
164	32.3	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

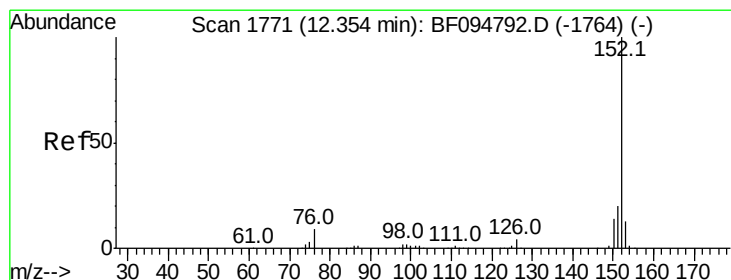
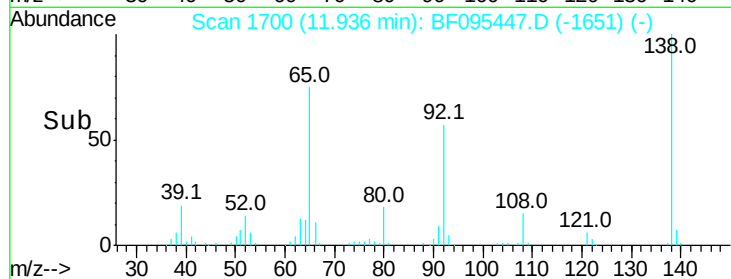
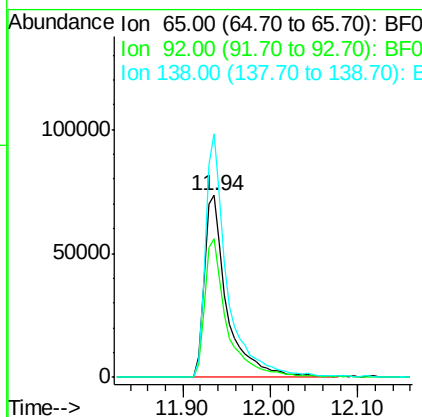
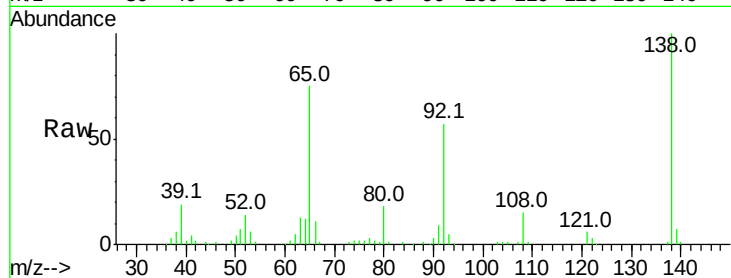




#47
 2-Nitroaniline
 Concen: 42.35 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

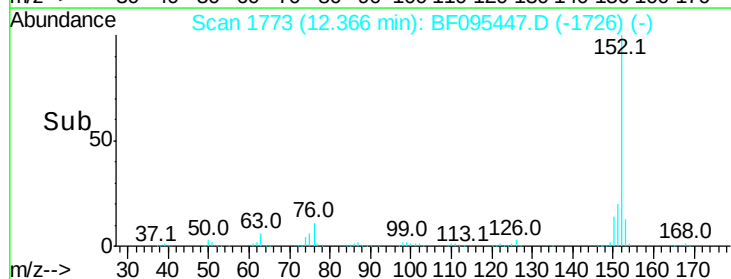
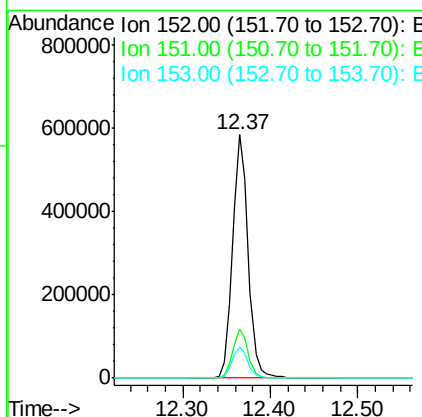
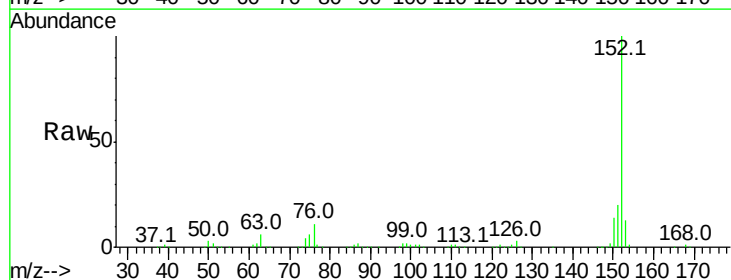
Instrument :
 BNA_F
 ClientSampled :

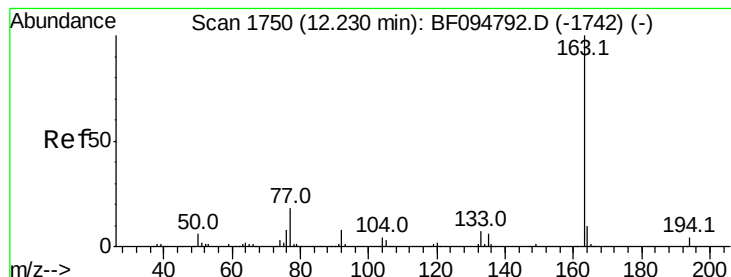
Tot Ion: 65 Resp: 132198
 Ion Ratio Lower Upper
 65 100
 92 76.1 53.9 80.9
 138 133.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.84 ng
 RT: 12.37 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion: 152 Resp: 711774
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 42.33 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

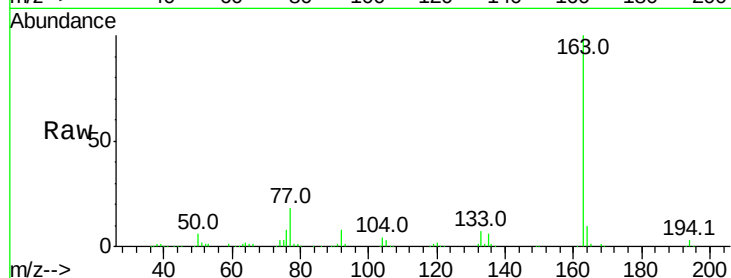
Tot Ion:163 Resp: 583048

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

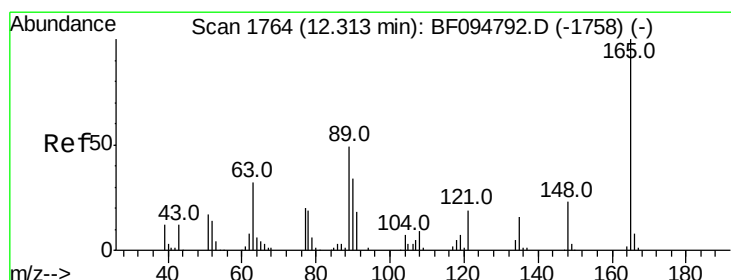
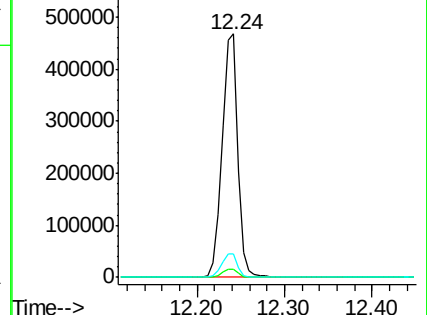
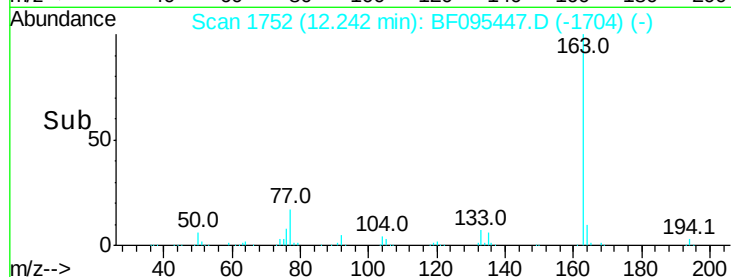
164 9.8 8.4 12.6



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: 38.33 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

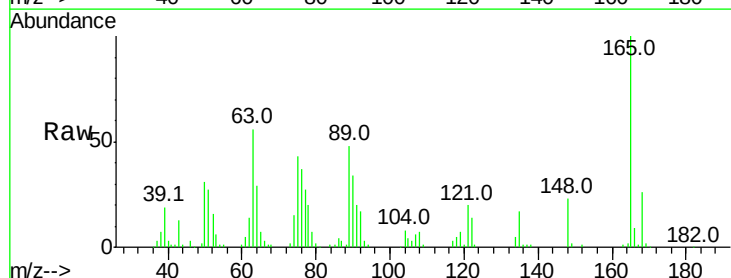
Tgt Ion:165 Resp: 107687

Ion Ratio Lower Upper

165 100

63 56.3 34.3 51.5#

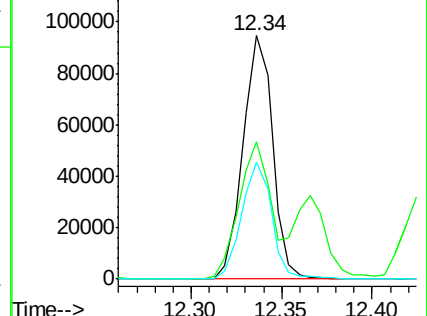
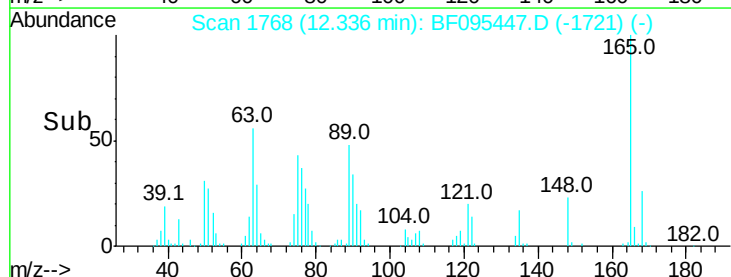
89 48.0 37.1 55.7

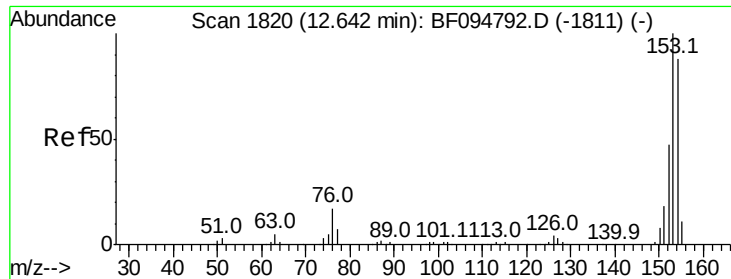


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.05 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampled :

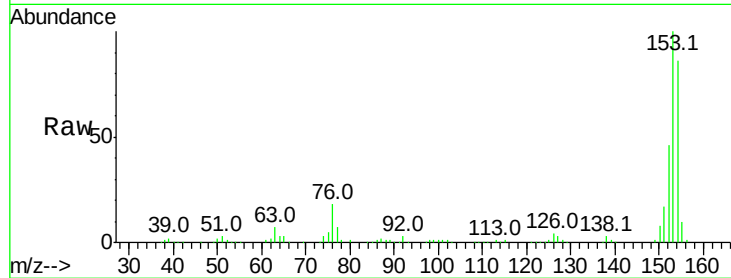
Tot Ion:154 Resp: 405955

Ion Ratio Lower Upper

154 100

153 115.7 90.5 135.7

152 53.7 43.6 65.4



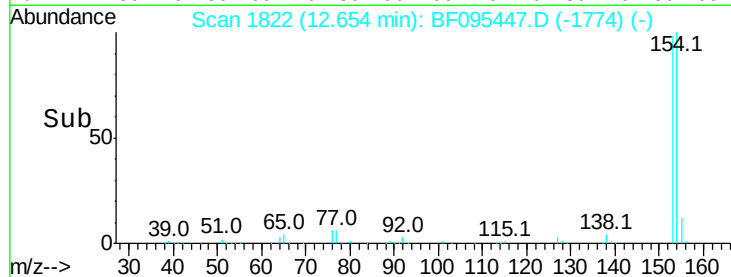
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

12.65

Time-->



Abundance

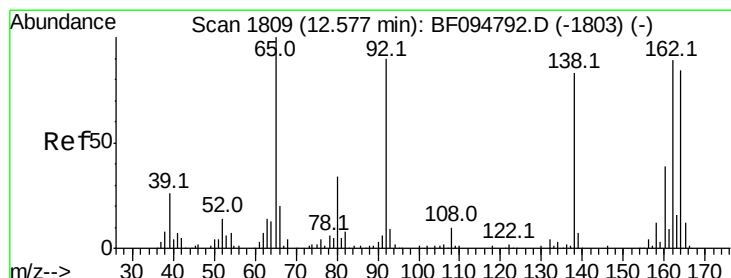
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

12.65

Time-->



#52

3-Nitroaniline

Concen: 42.51 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

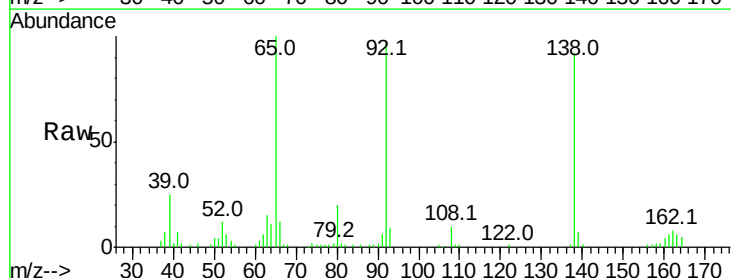
Tgt Ion:138 Resp: 128203

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

92 105.4 93.8 140.6



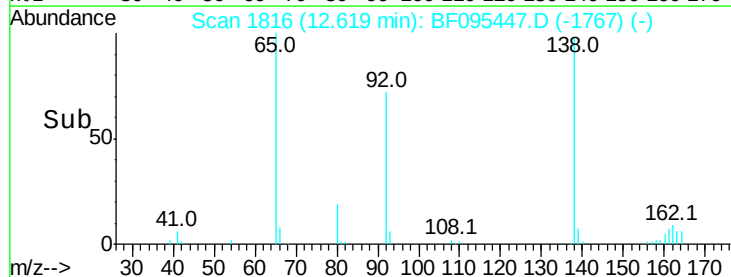
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

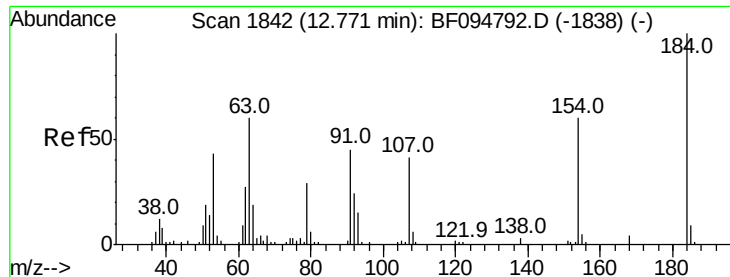
Ion 92.00 (91.70 to 92.70): BF0

12.62

Time-->



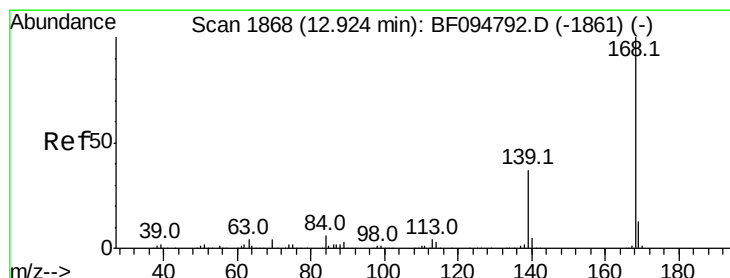
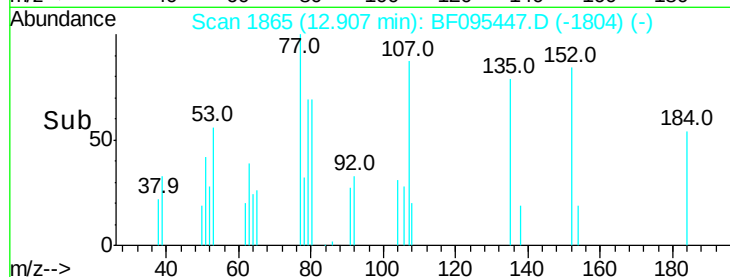
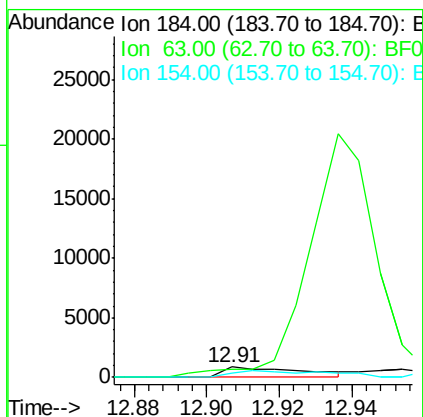
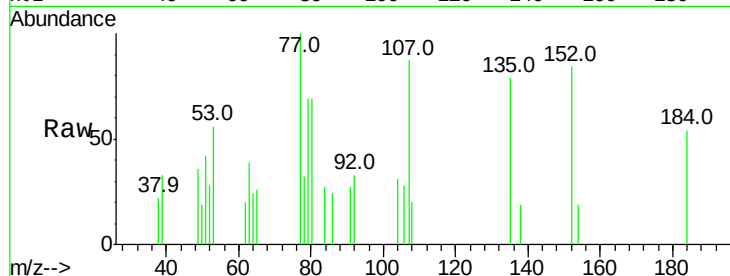
Time-->



#53
 2,4-Dinitrophenol
 Concen: 7.06 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. 0.06 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

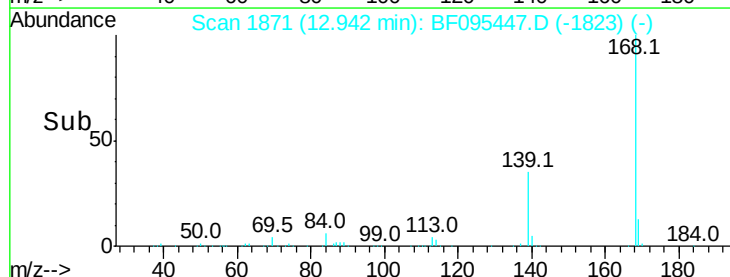
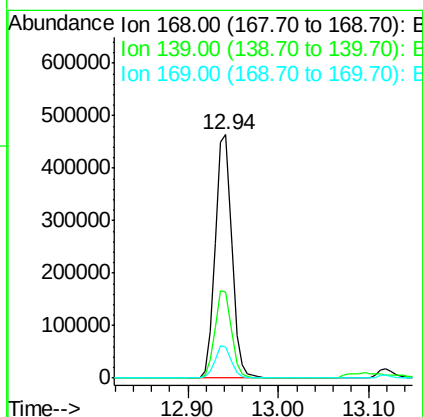
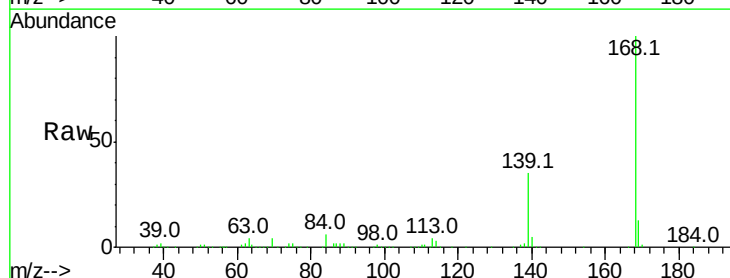
Instrument :
 BNA_F
 ClientSampled :

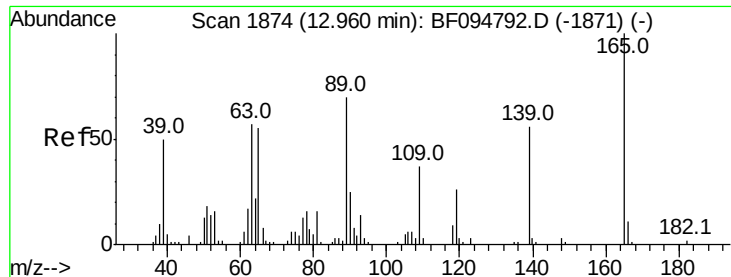
Tot Ion:184 Resp: 1357
 Ion Ratio Lower Upper
 184 100
 63 72.2 62.7 94.1
 154 35.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.73 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:168 Resp: 586678
 Ion Ratio Lower Upper
 168 100
 139 35.3 30.6 45.8
 169 12.9 10.8 16.2

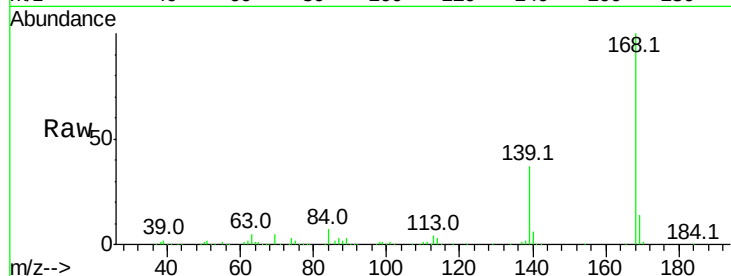




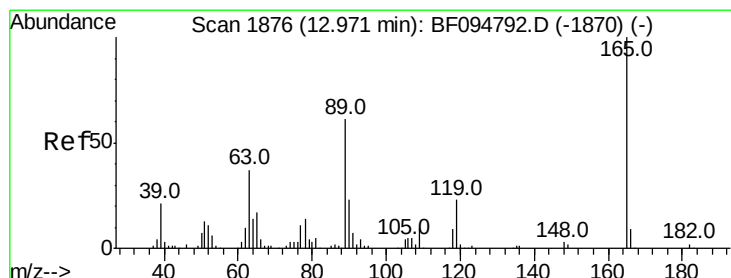
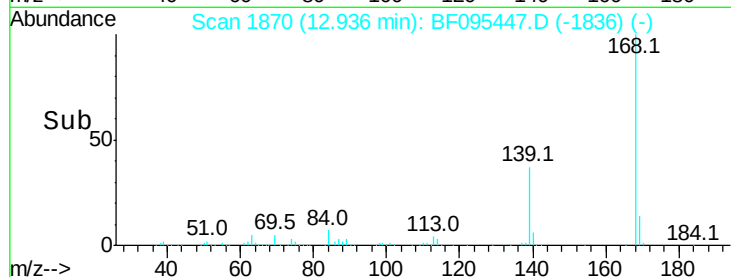
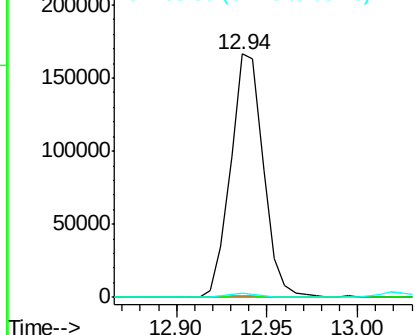
#55
4-Nitrophenol
Concen: 116.08 ng
RT: 12.94 min Scan# 1870
Delta R.T. -0.10 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 210262
Ion Ratio Lower Upper
139 100
109 0.8 34.1 74.1#
65 1.5 31.4 71.4#

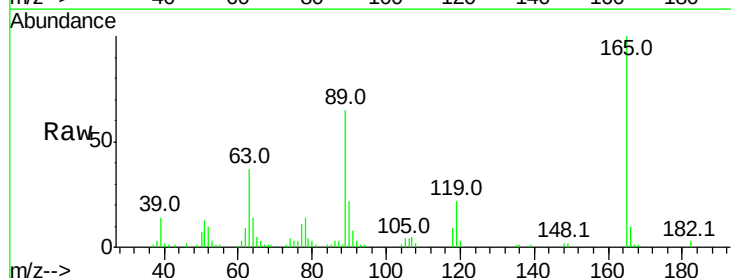


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

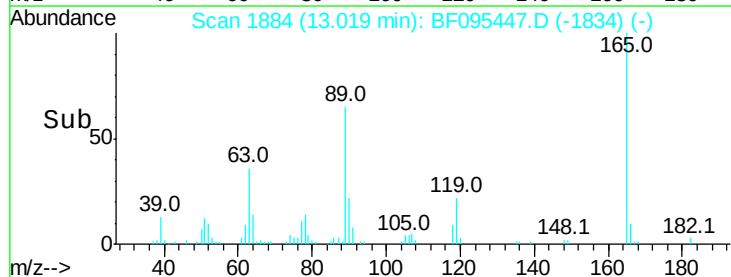
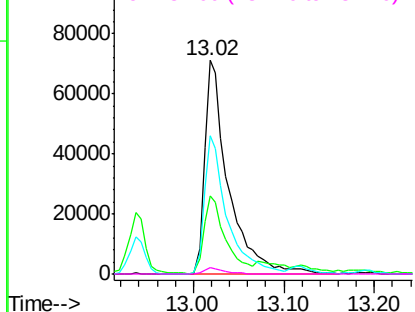


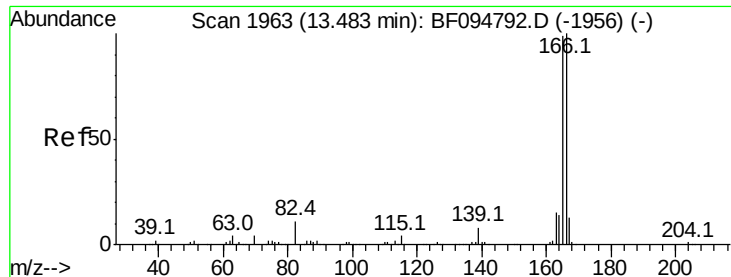
#56
2,4-Dinitrotoluene
Concen: 36.08 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion:165 Resp: 130256
Ion Ratio Lower Upper
165 100
63 36.5 25.4 38.0
89 64.6 46.4 69.6
182 2.7 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

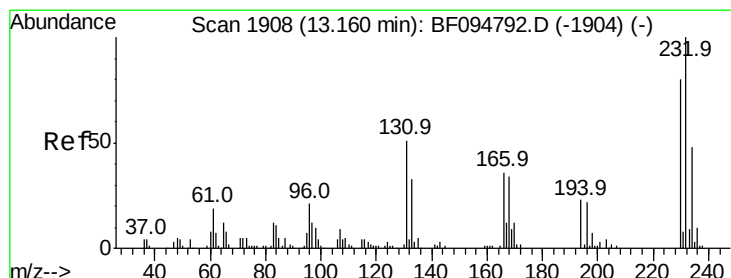
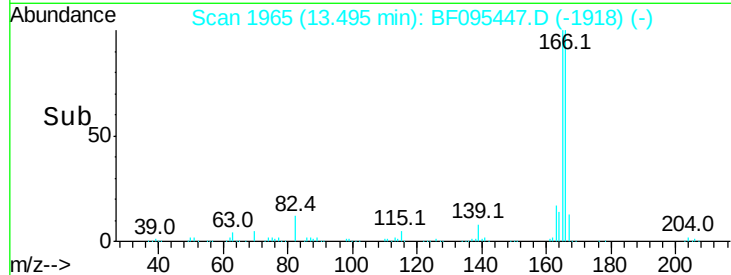
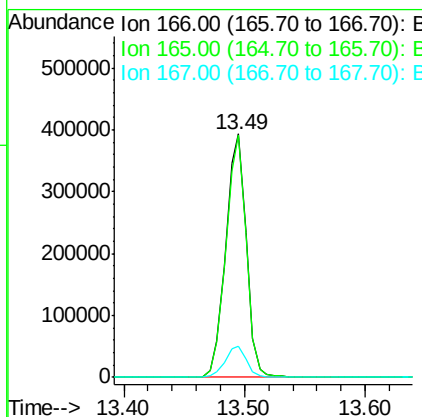
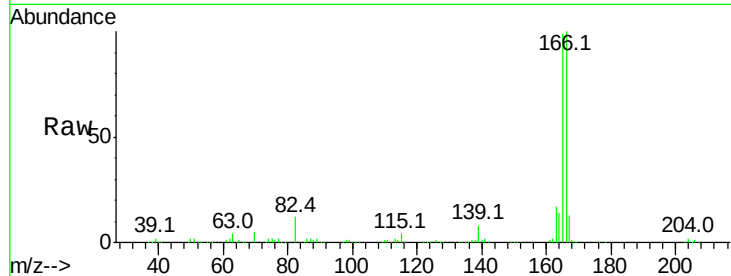




#57
 Fluorene
 Concen: 36.11 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

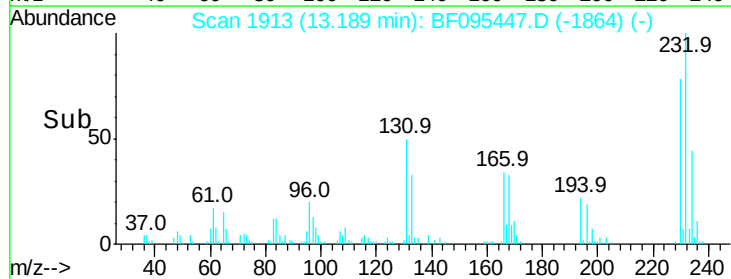
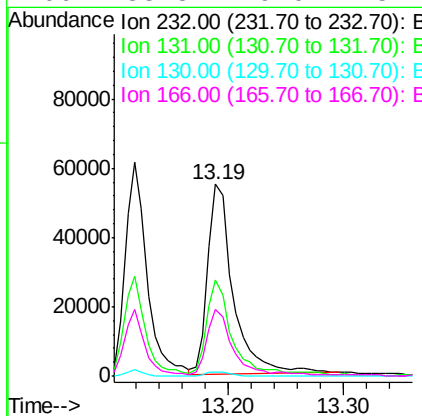
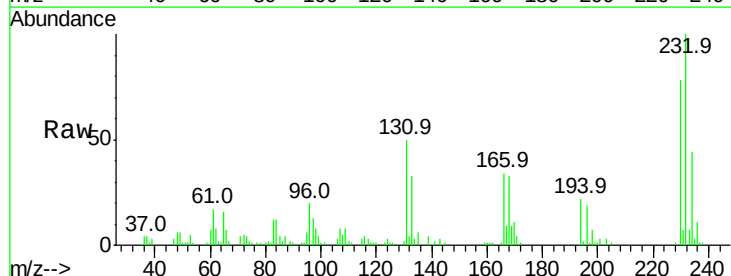
Instrument :
 BNA_F
 ClientSampled :

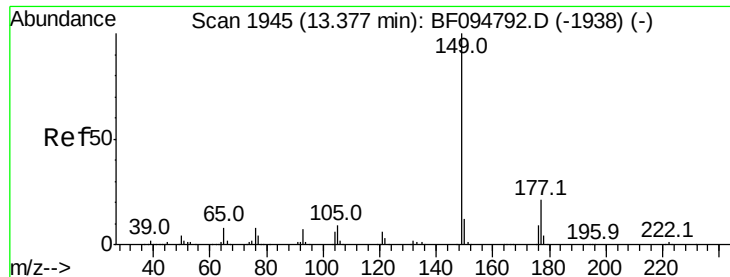
Tot Ion:166 Resp: 463675
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.58 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:232 Resp: 85239
 Ion Ratio Lower Upper
 232 100
 131 49.2 44.8 67.2
 130 2.1 2.3 3.5#
 166 33.8 29.0 43.4

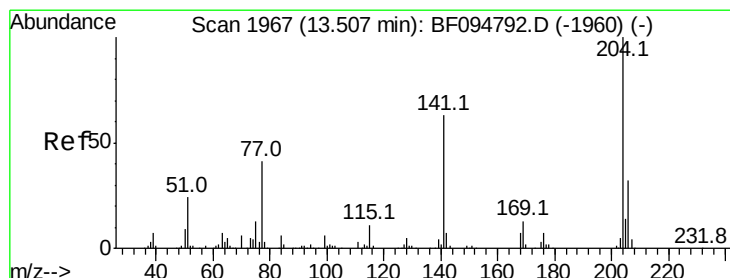
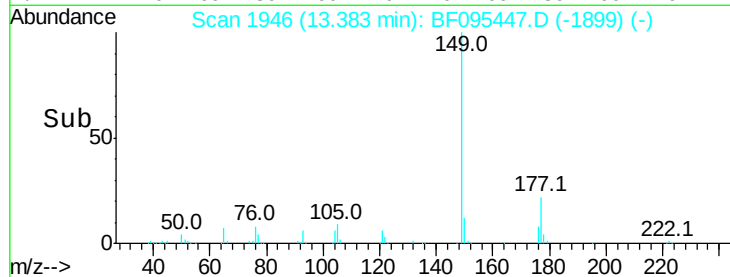
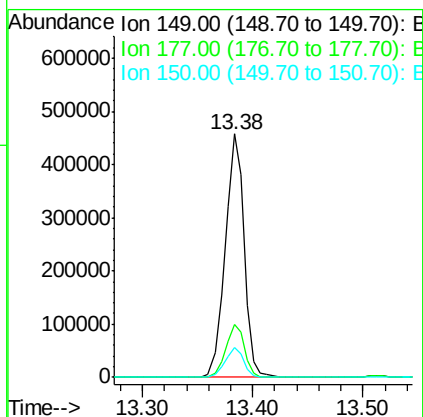
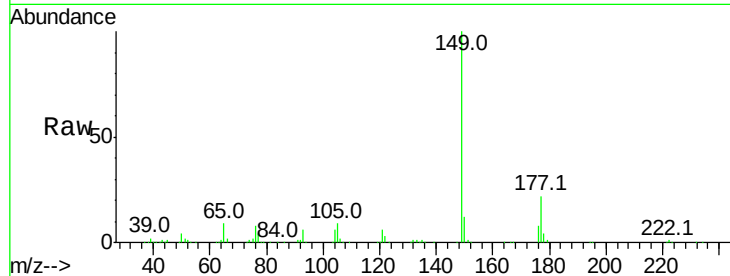




#59
Diethylphthalate
Concen: 41.65 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

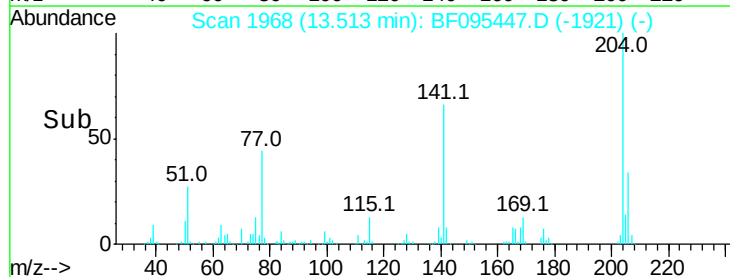
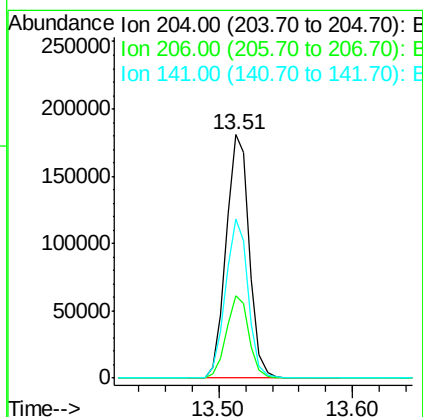
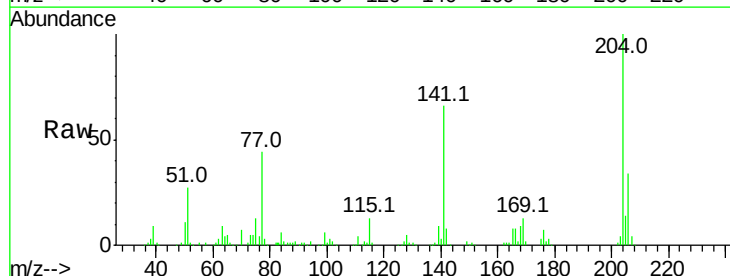
Instrument :
BNA_F
ClientSampleId :

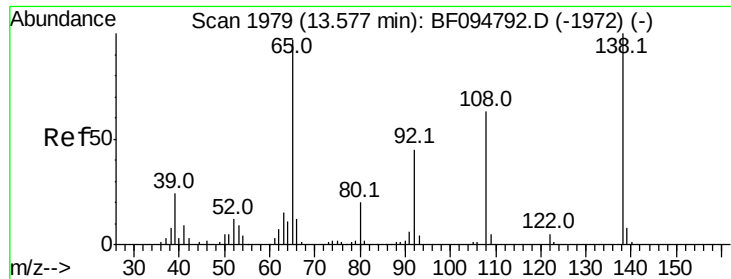
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.10 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	65.6	60.8	91.2

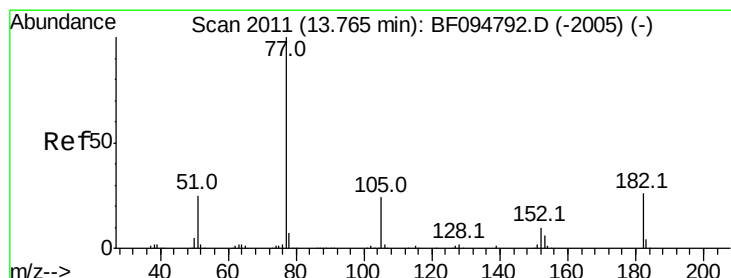
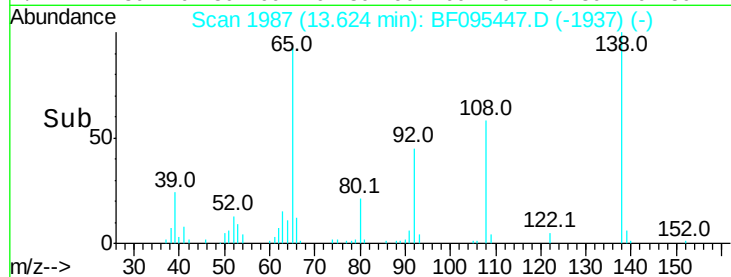
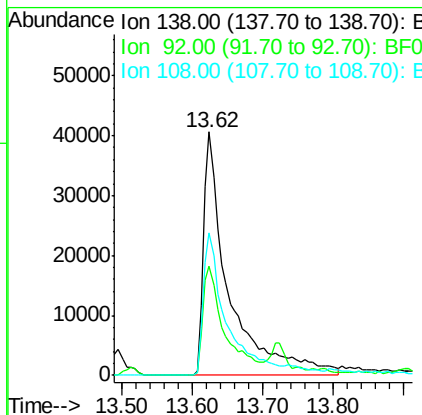
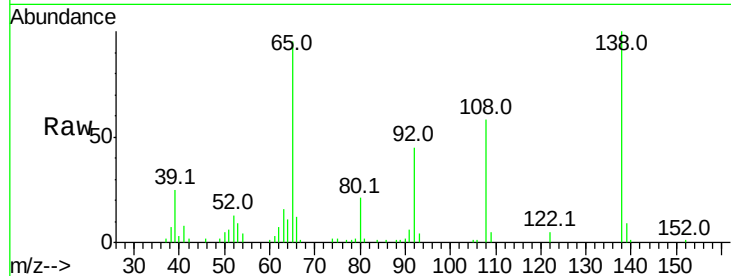




#61
4-Nitroaniline
Concen: 36.60 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

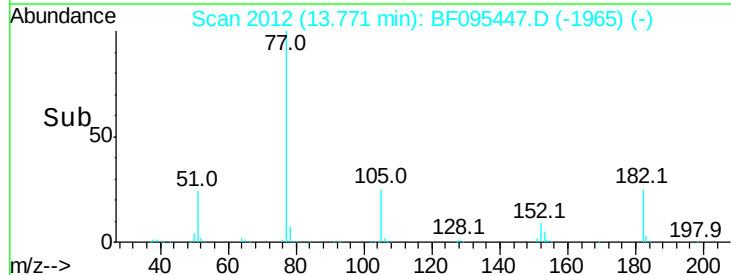
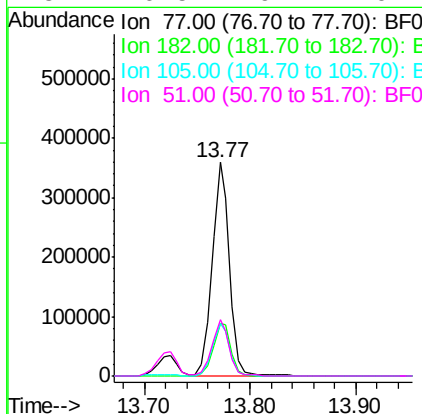
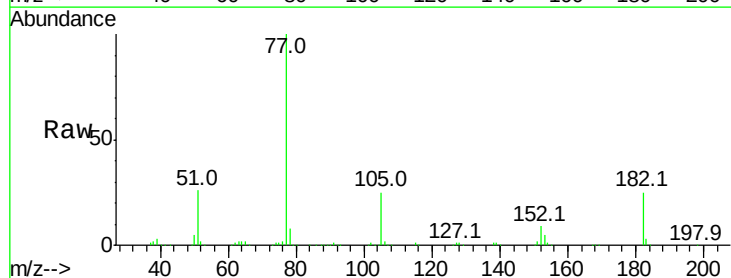
Instrument :
BNA_F
ClientSampled :

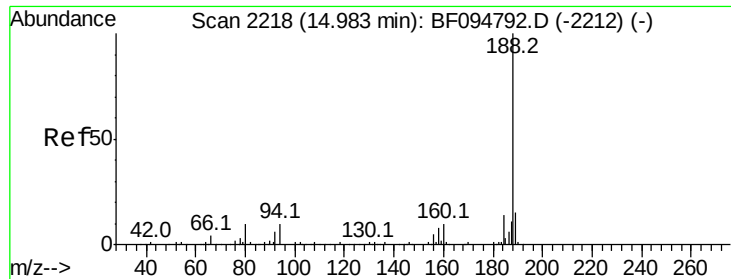
Tot Ion:138 Resp: 101331
Ion Ratio Lower Upper
138 100
92 45.1 21.8 61.8
108 58.5 42.3 82.3



#62
Azobenzene
Concen: 38.85 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion: 77 Resp: 412086
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 24.8 3.6 43.6
51 26.5 9.4 49.4

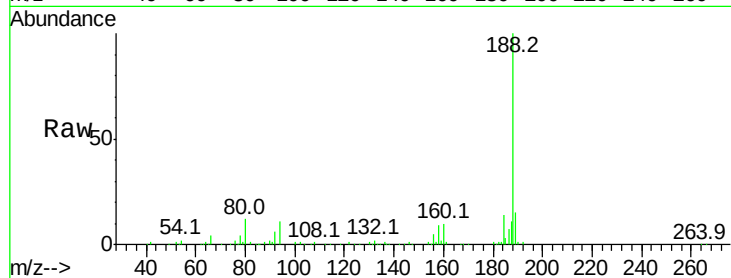




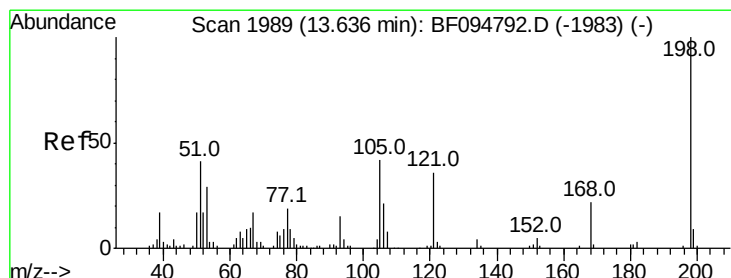
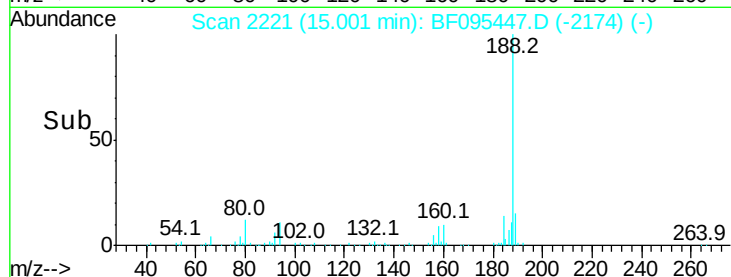
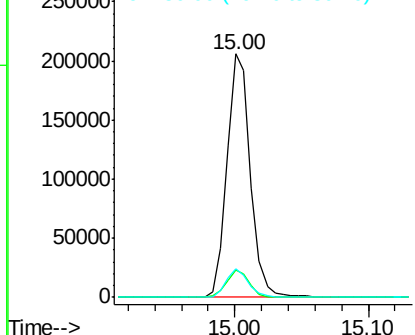
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 253793
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.6 10.2 15.2

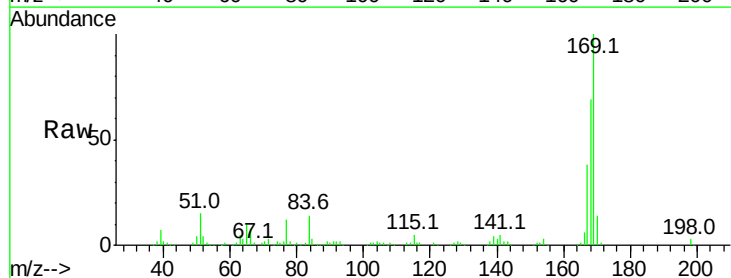


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

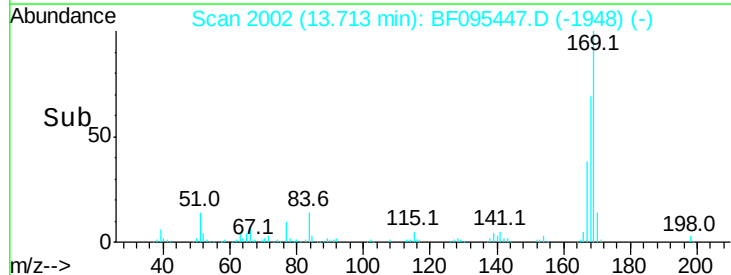
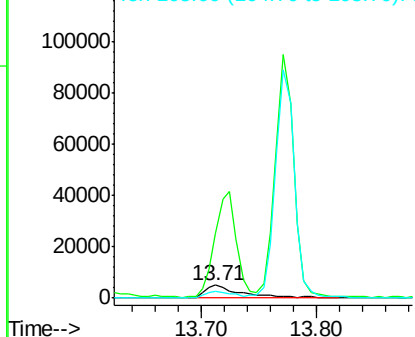


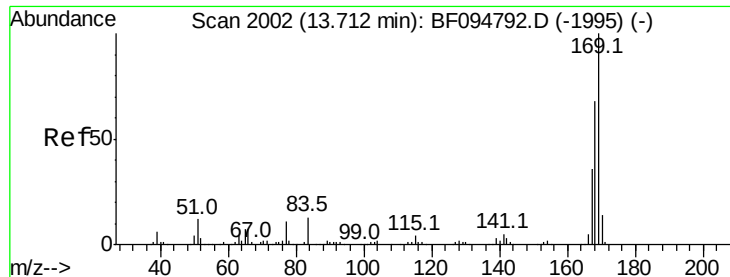
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.40 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. 0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:198 Resp: 10889
 Ion Ratio Lower Upper
 198 100
 51 499.0 53.2 93.2#
 105 47.8 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: 46.53 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

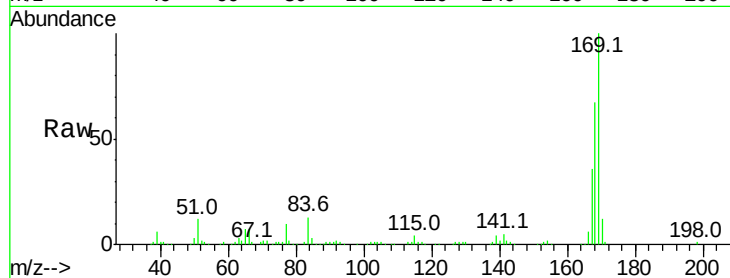
Tot Ion:169 Resp: 428610

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

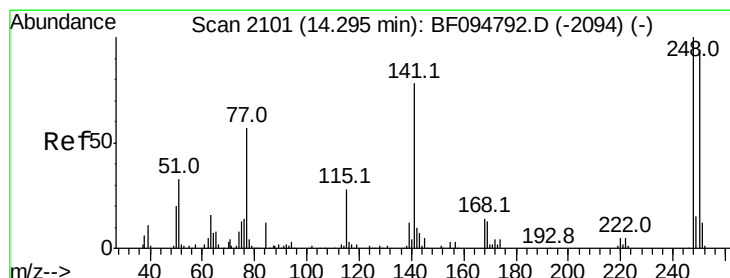
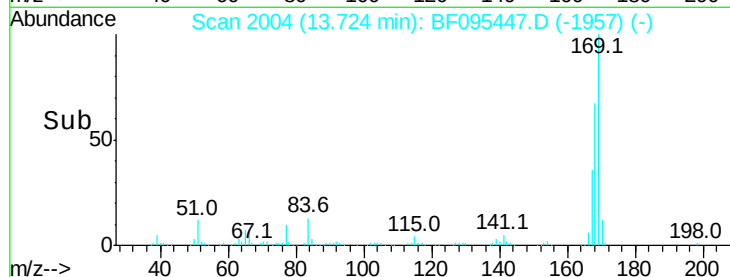
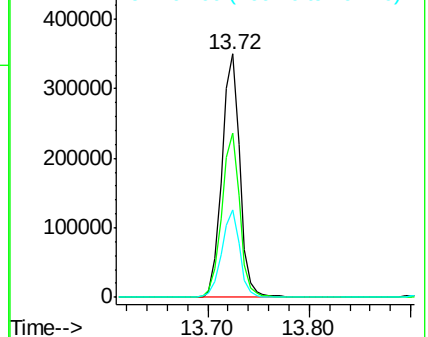
167 36.1 29.5 44.3



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: 43.89 ng

RT: 14.30 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

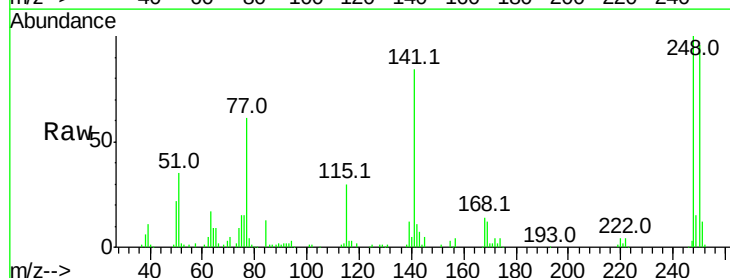
Tgt Ion:248 Resp: 117689

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

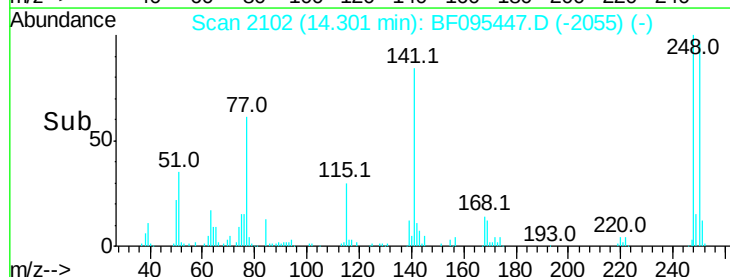
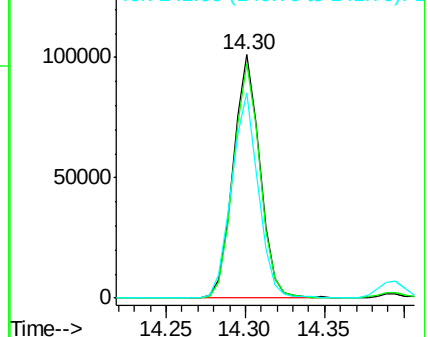
141 84.1 68.6 103.0

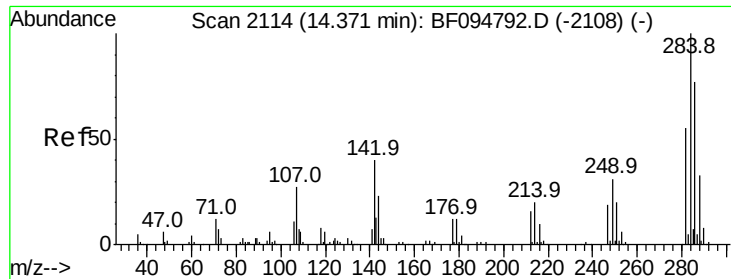


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

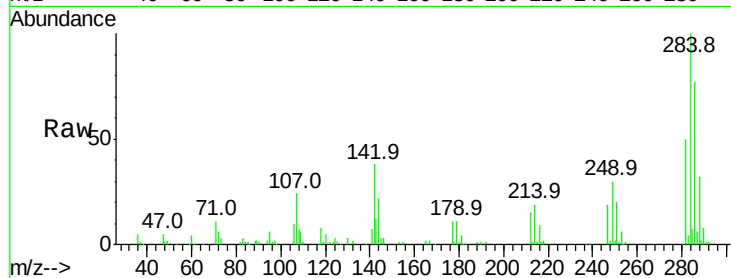




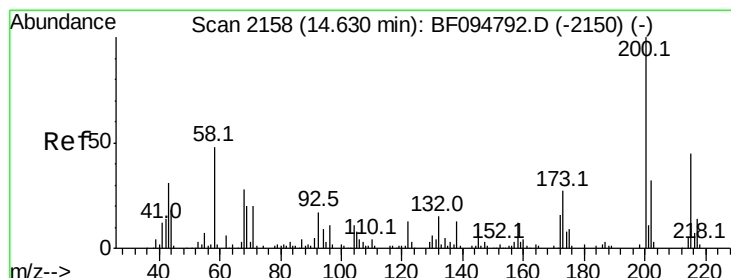
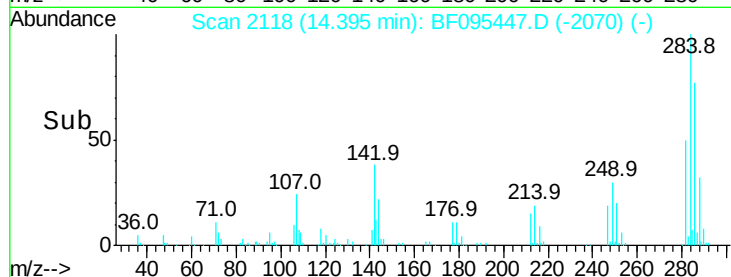
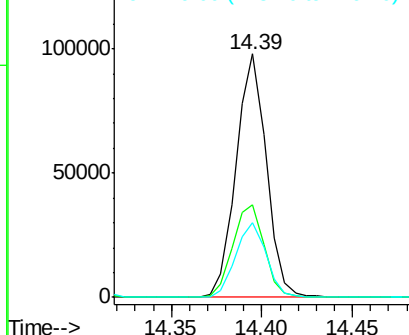
#67
Hexachlorobenzene
Concen: 41.43 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.3	22.8	34.2#
249	30.4	24.0	36.0

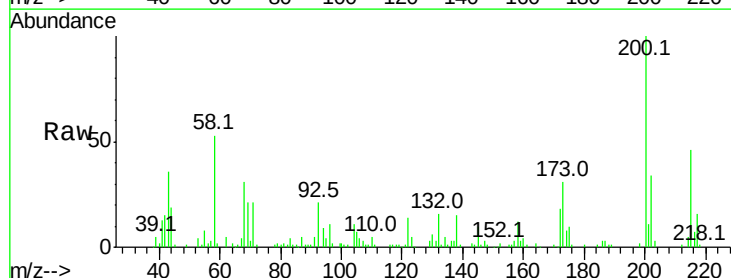


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

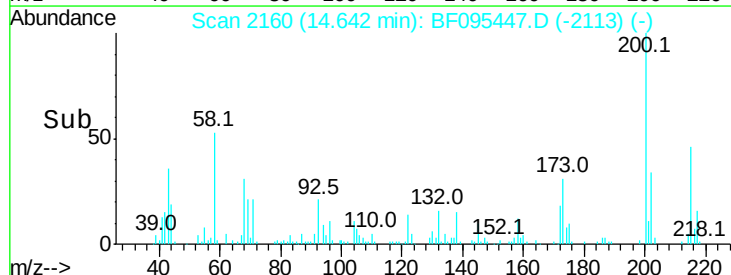
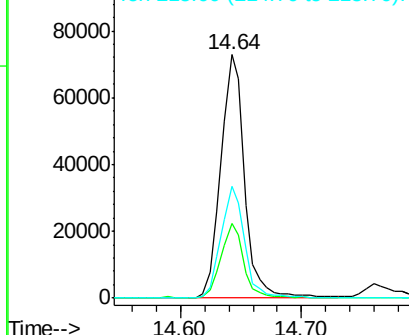


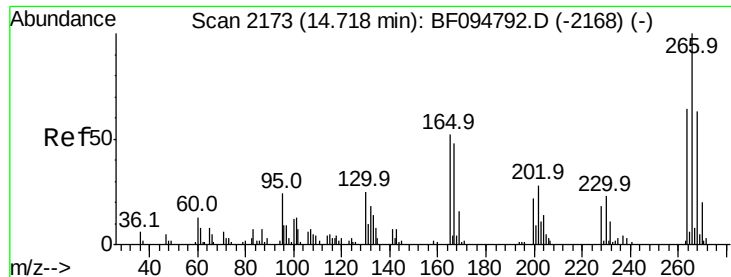
#68
Atrazine
Concen: 38.27 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	6.3	46.3
215	45.8	27.2	67.2



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

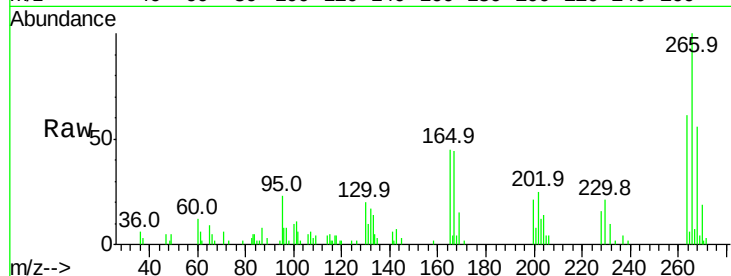




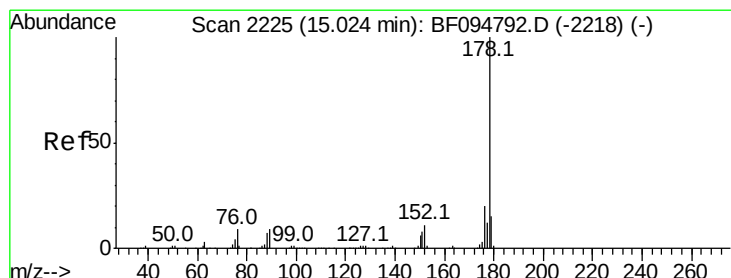
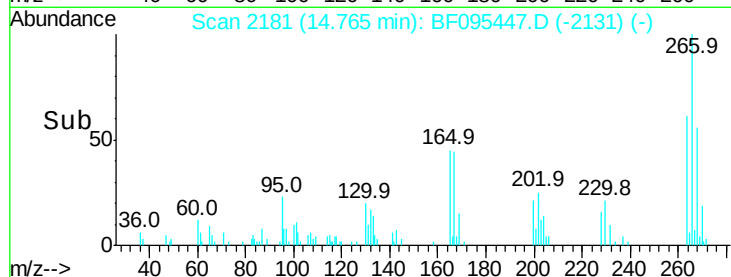
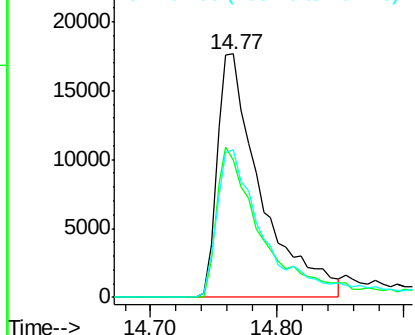
#69
 Pentachlorophenol
 Concen: 37.47 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 42369
 Ion Ratio Lower Upper
 266 100
 268 56.2 51.1 76.7
 264 60.8 51.7 77.5

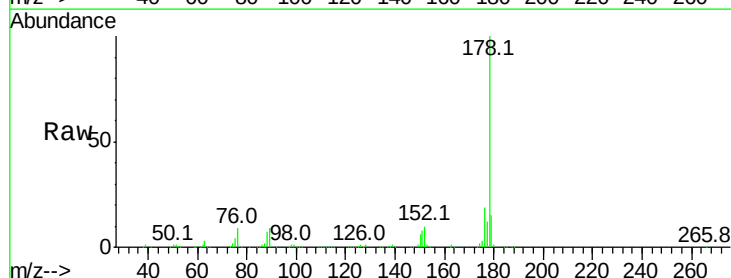


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

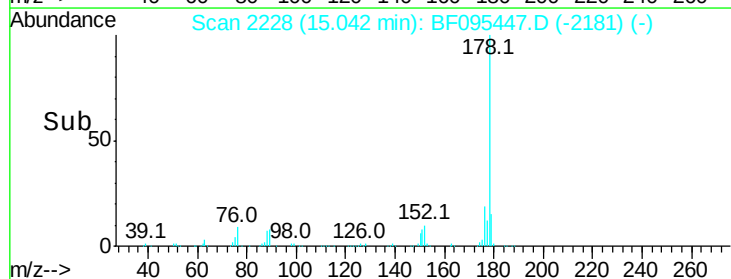
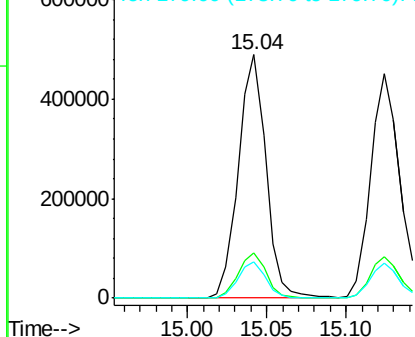


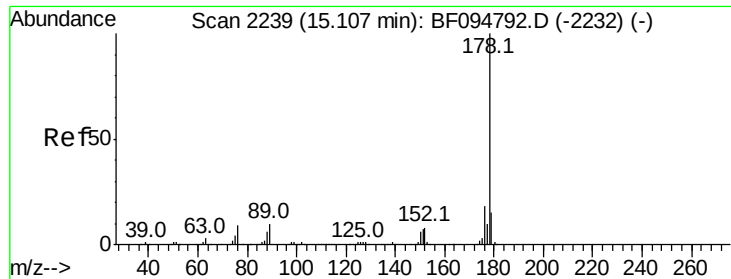
#70
 Phenanthrene
 Concen: 40.60 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:178 Resp: 592042
 Ion Ratio Lower Upper
 178 100
 176 18.8 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

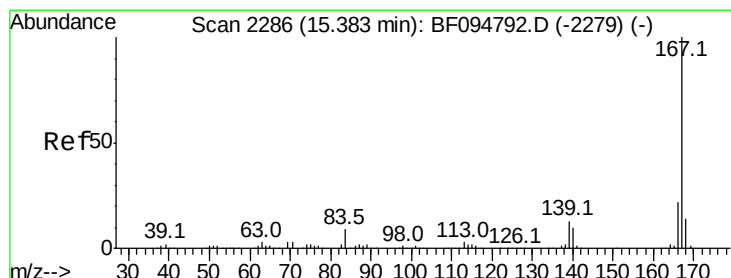
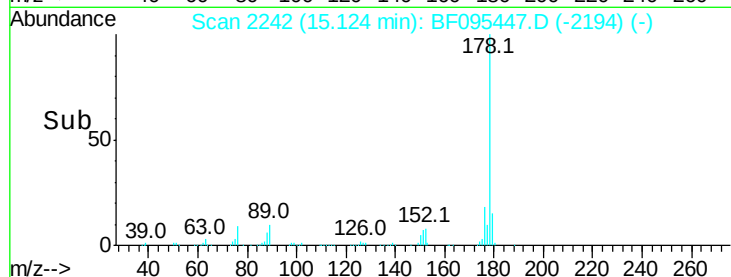
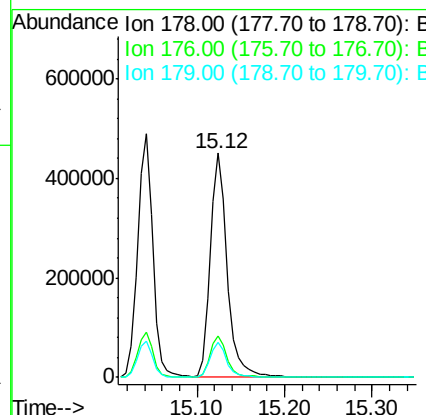
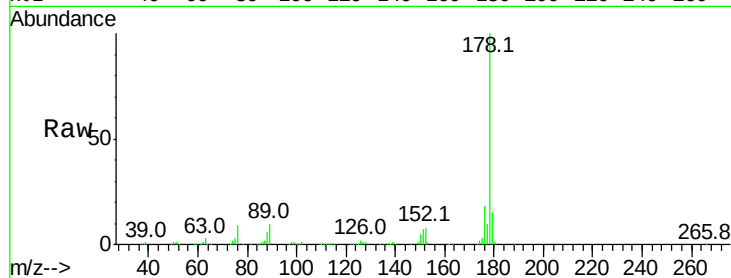




#71
 Anthracene
 Concen: 40.78 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

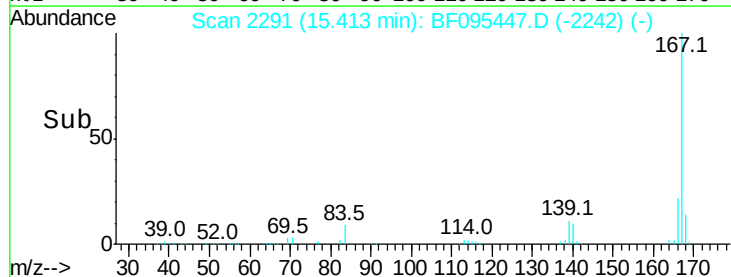
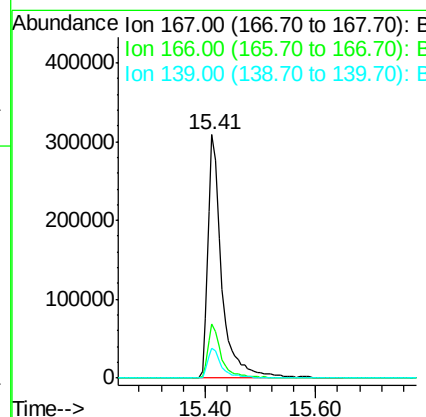
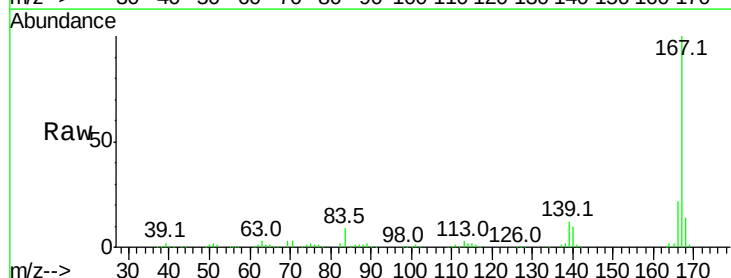
Instrument :
 BNA_F
 ClientSampleId :

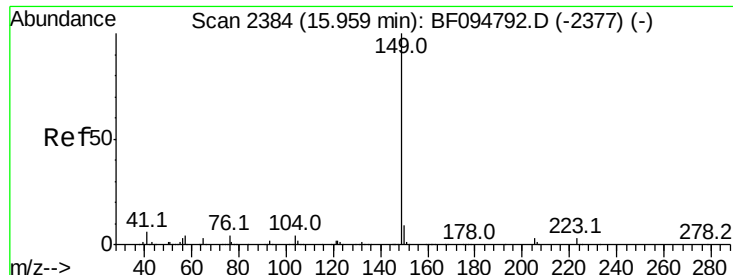
Tot Ion:178 Resp: 607428
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 39.31 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:167 Resp: 532706
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.83 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampled :

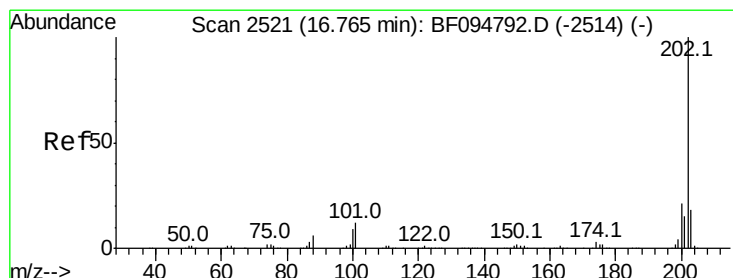
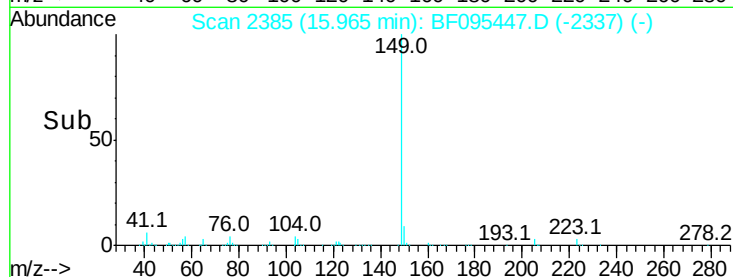
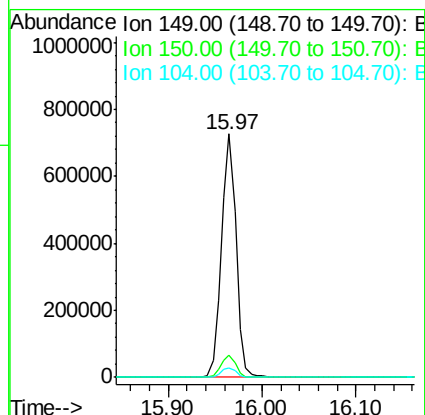
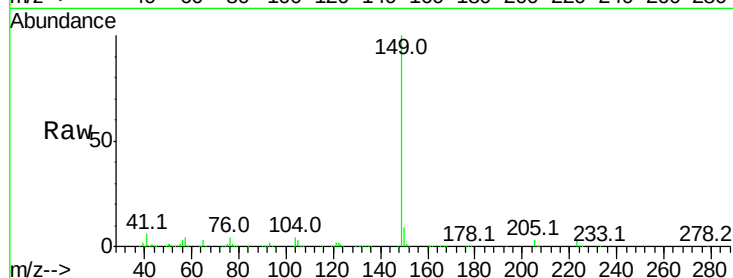
Tot Ion:149 Resp: 791403

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.1 4.0 6.0



#74

Fluoranthene

Concen: 39.70 ng

RT: 16.78 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

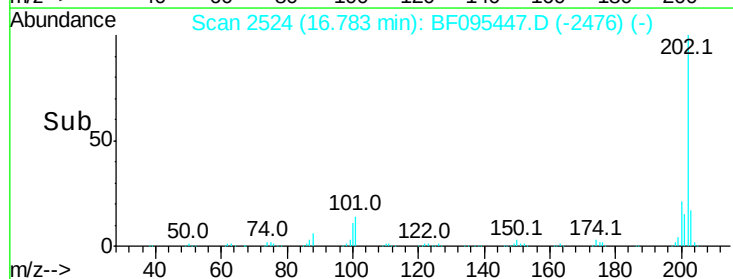
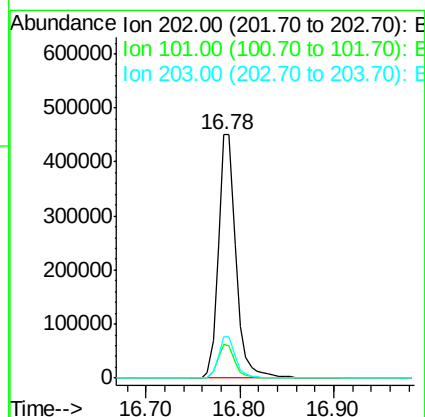
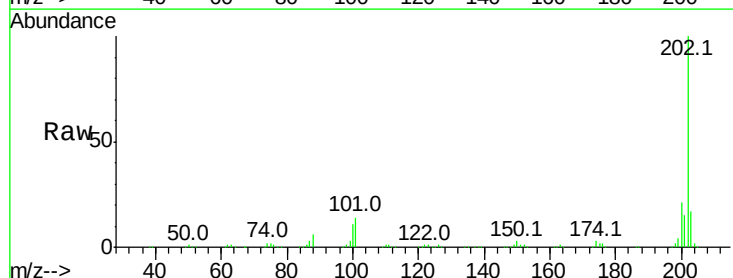
Tgt Ion:202 Resp: 593854

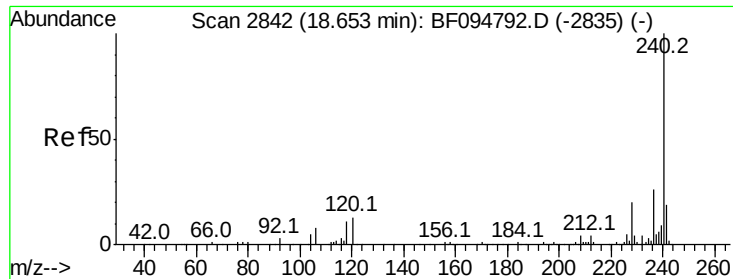
Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

203 17.2 0.0 38.1

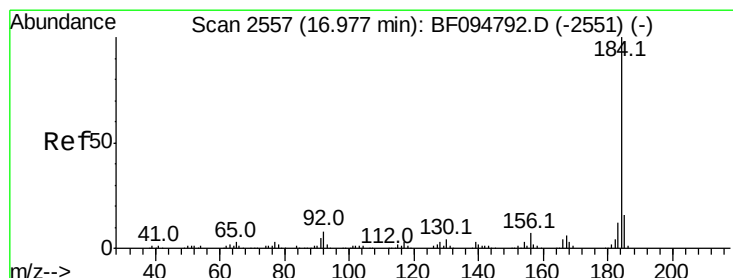
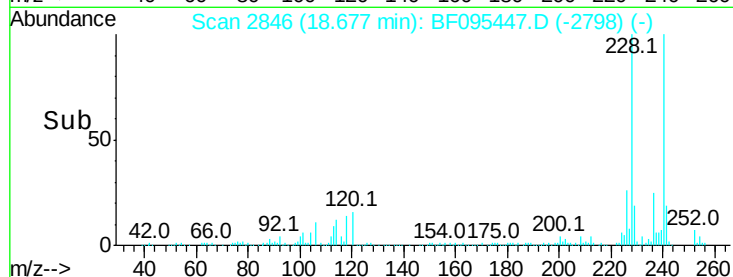
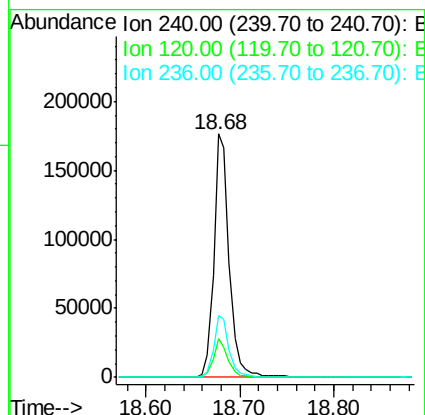
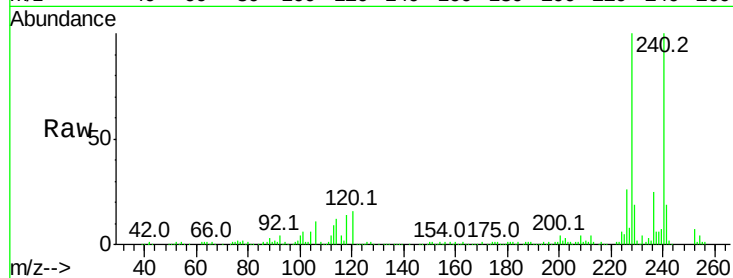




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

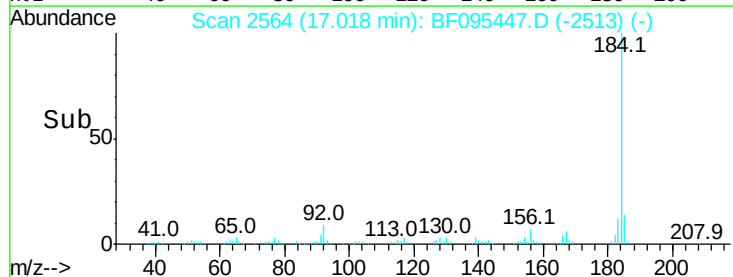
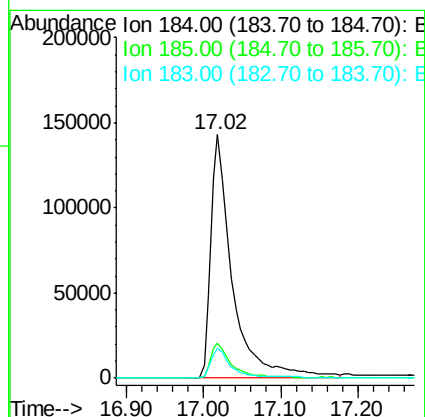
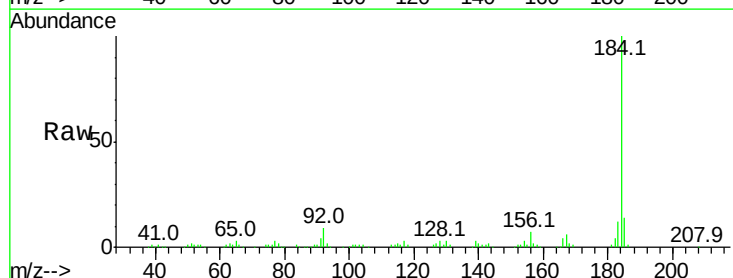
Instrument :
BNA_F
ClientSampleId :

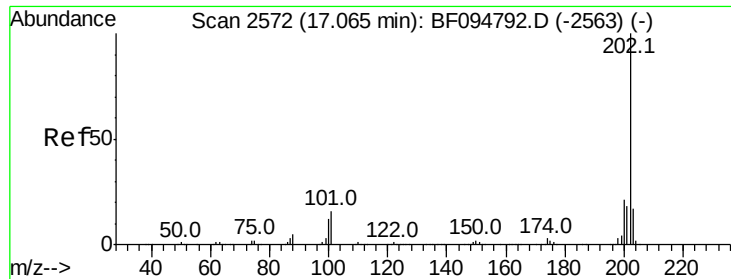
Tot Ion:240 Resp: 204439
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 25.5 20.5 30.7



#76
Benzidine
Concen: 49.81 ng
RT: 17.02 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion:184 Resp: 276978
Ion Ratio Lower Upper
184 100
185 14.3 15.5 23.3#
183 12.2 9.8 14.6

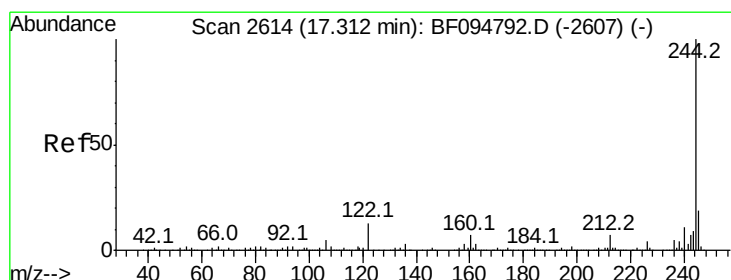
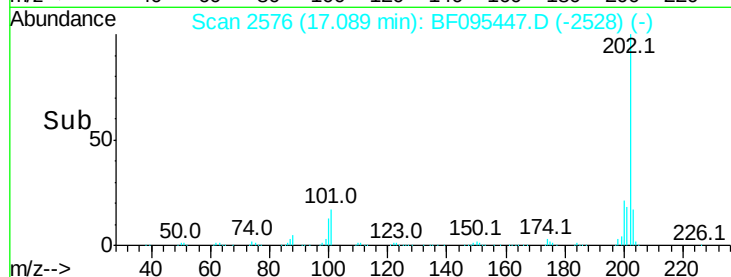
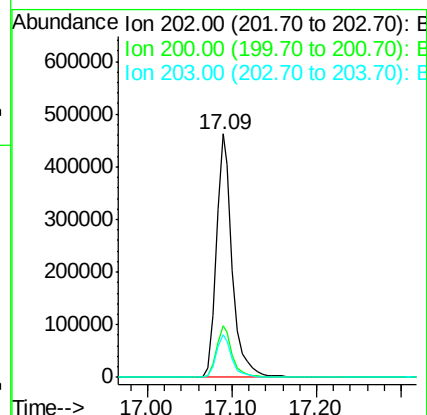
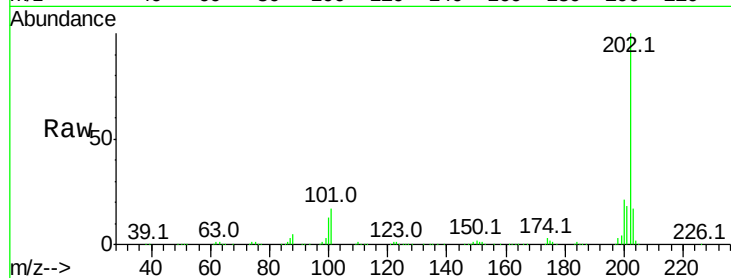




#77
Pvrene
Concen: 40.33 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

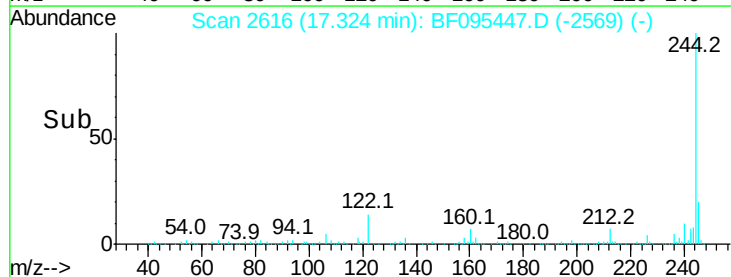
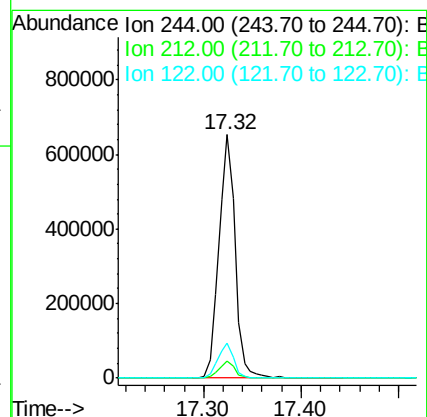
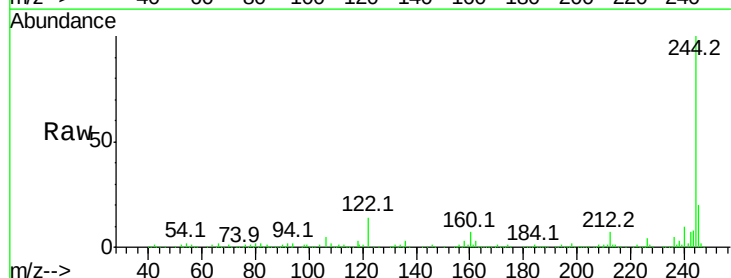
Instrument :
BNA_F
ClientSampleId :

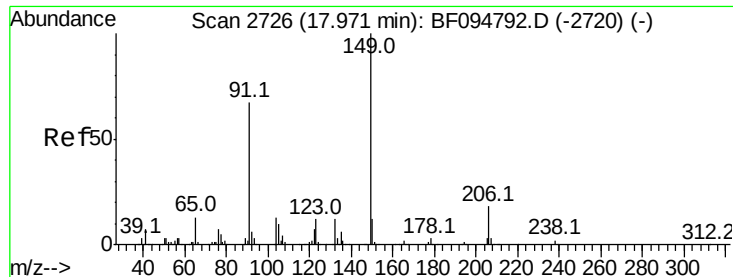
Tot Ion:202 Resp: 616580
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.5 14.4 21.6



#78
Terphenyl-d14
Concen: 81.33 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion:244 Resp: 754923
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 14.3 10.3 15.5

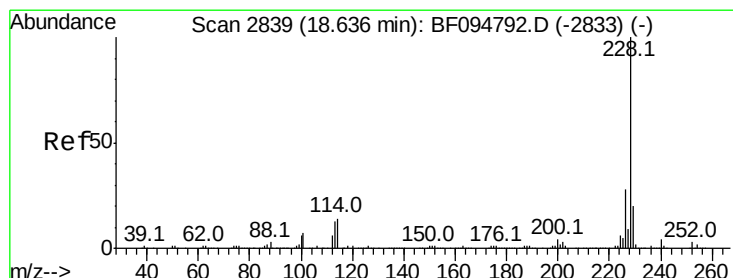
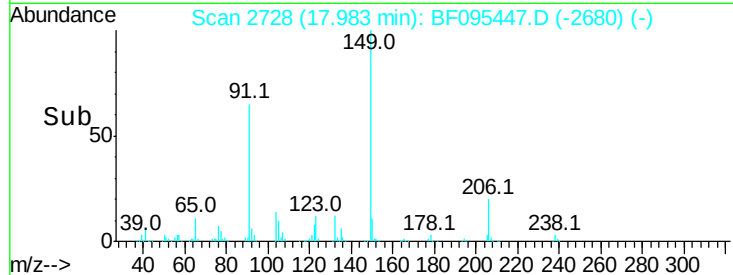
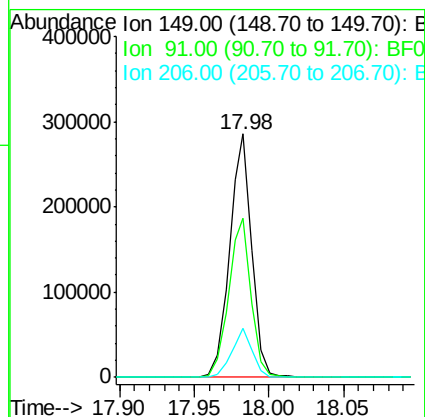
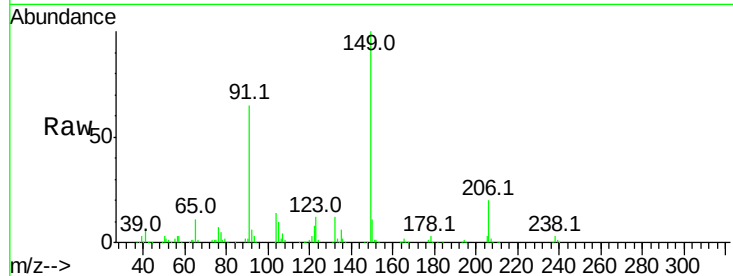




#79
Butylbenzylphthalate
Concen: 41.80 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

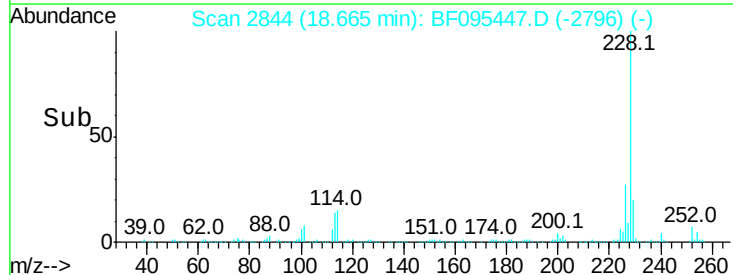
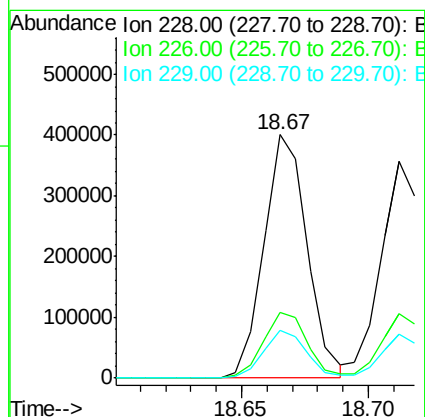
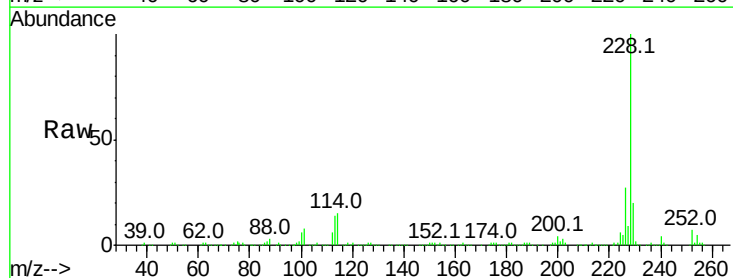
Instrument :
BNA_F
ClientSampleId :

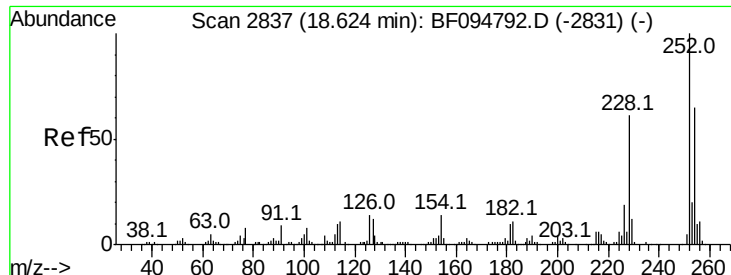
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	45.0	67.4
206	19.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.74 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.7	16.3	24.5

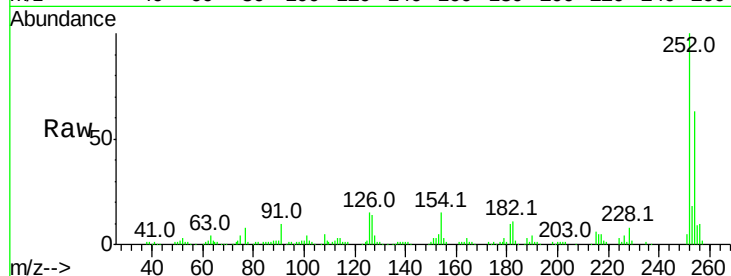




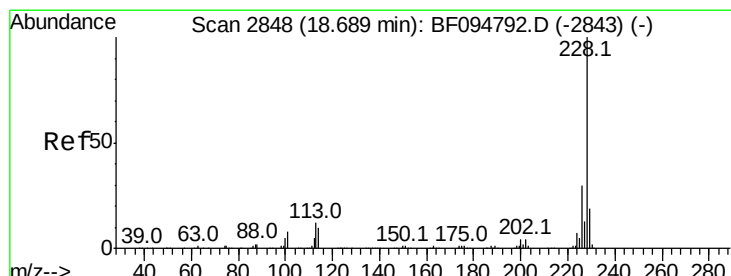
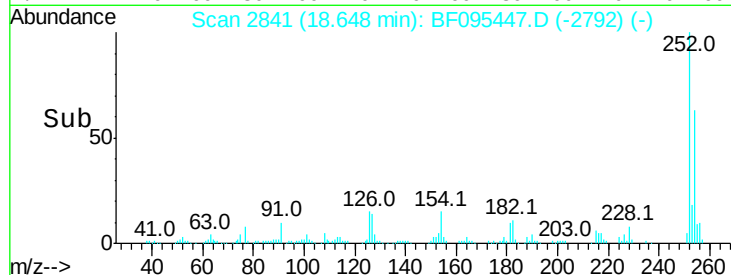
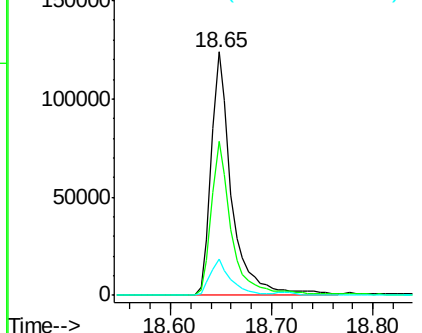
#81
 3,3'-Dichlorobenzidine
 Concen: 42.67 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 175359
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.5 77.3
 126 14.7 15.8 23.8#

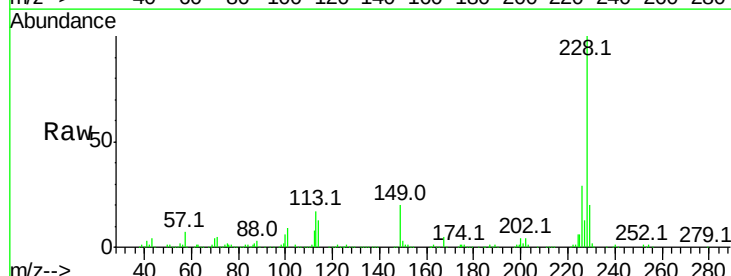


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

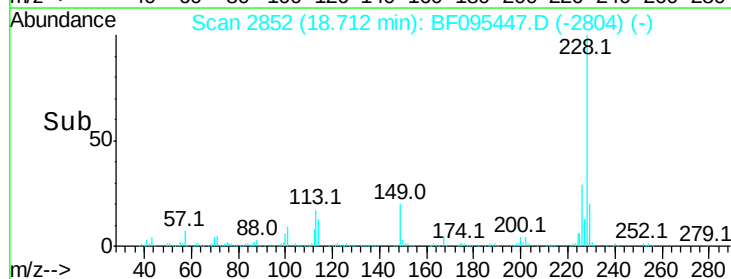
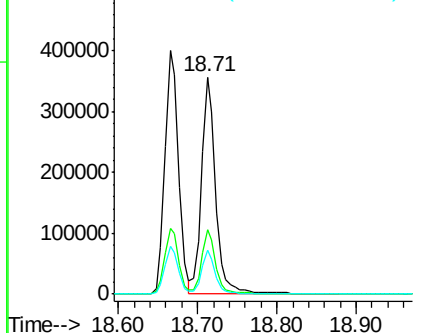


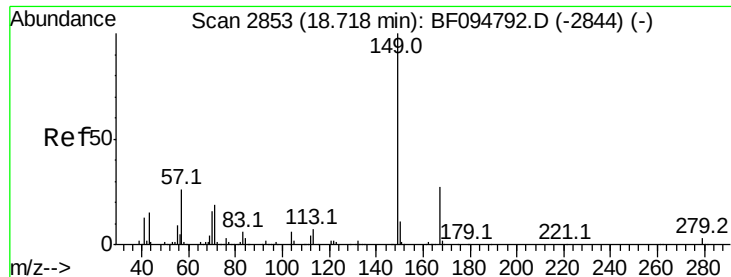
#82
 Chrysene
 Concen: 39.03 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion:228 Resp: 449056
 Ion Ratio Lower Upper
 228 100
 226 29.5 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: 40.34 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

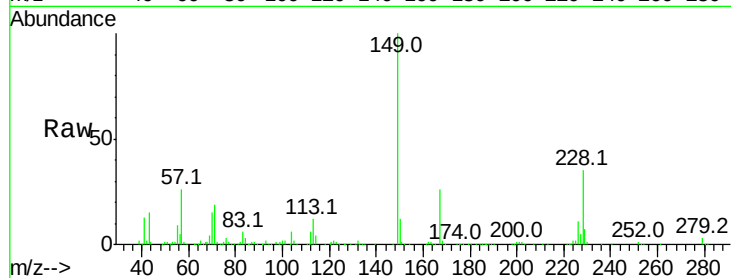
Tot Ion:149 Resp: 408742

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

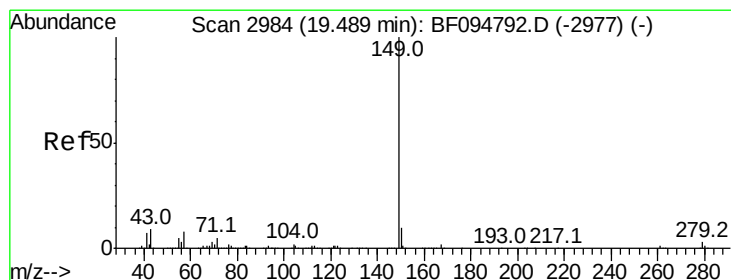
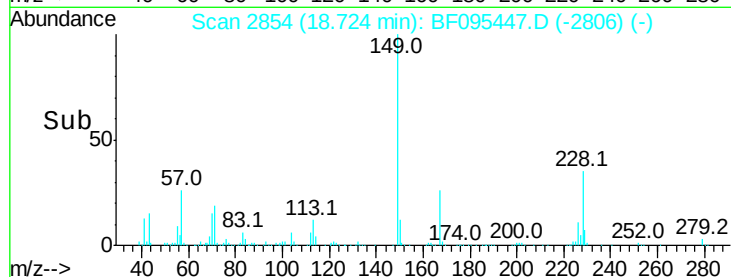
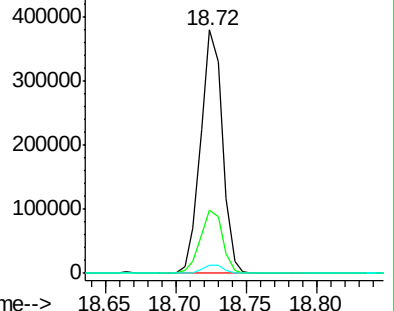
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.06 ng

RT: 19.49 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

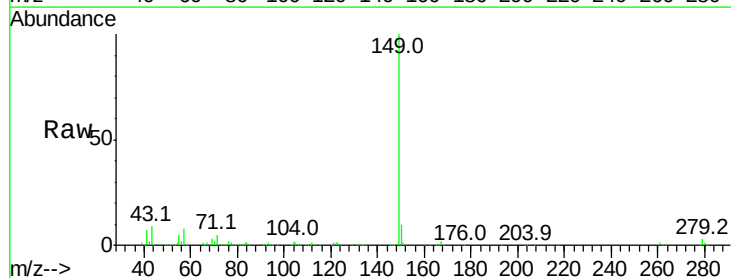
Tgt Ion:149 Resp: 732000

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

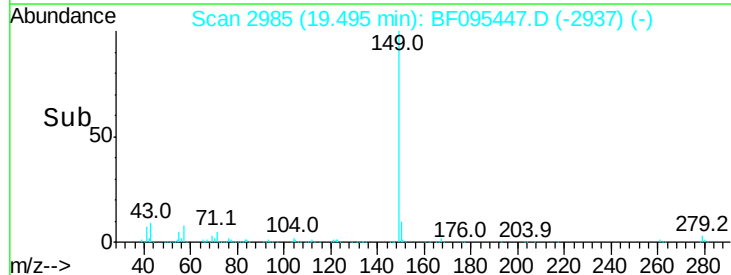
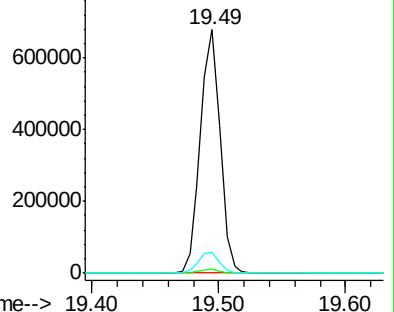
43 9.0 8.5 12.7

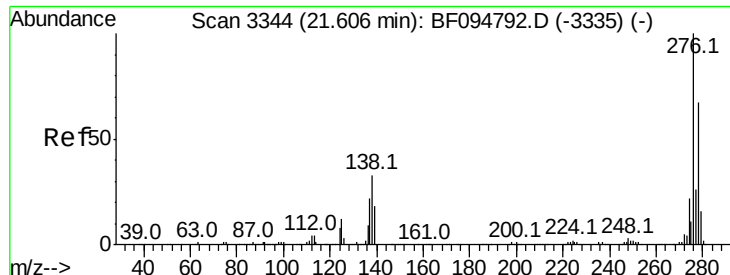


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

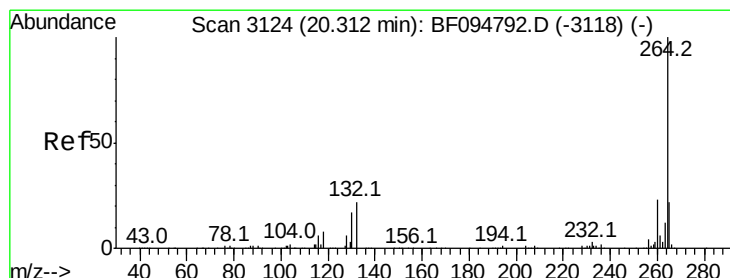
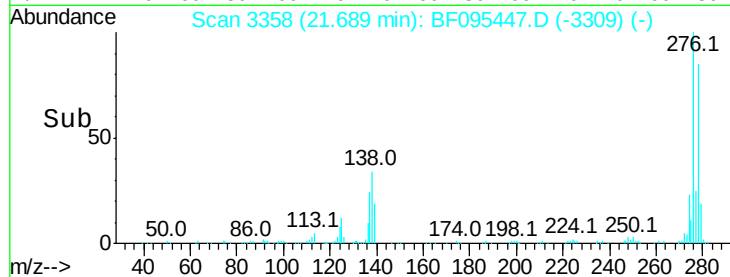
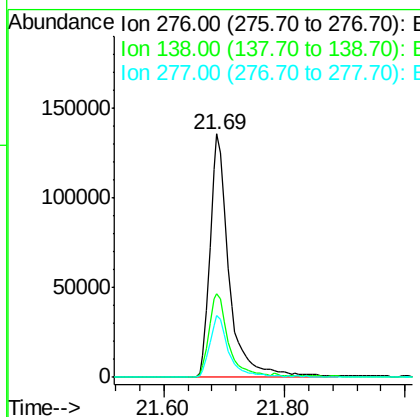
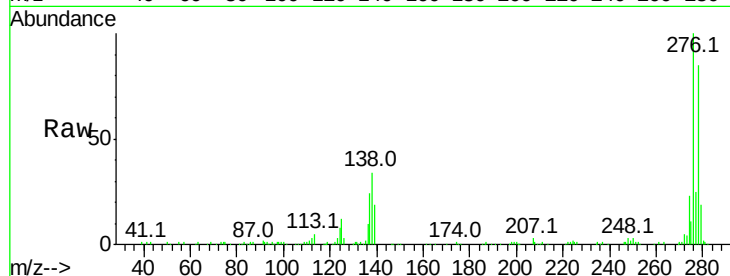




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.90 ng
 RT: 21.69 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

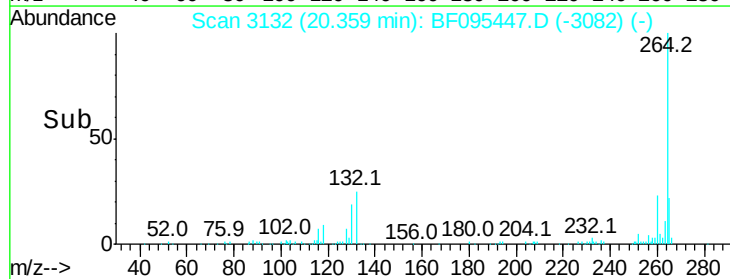
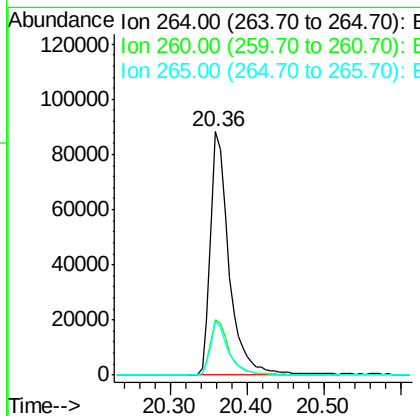
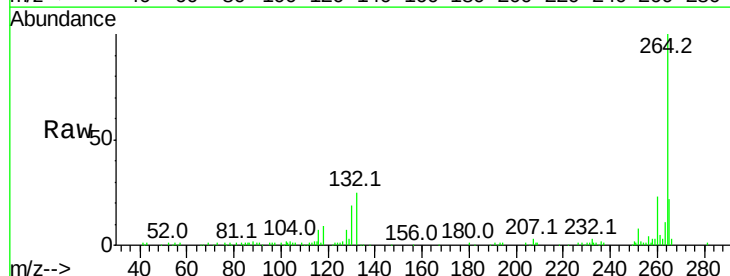
Instrument :
 BNA_F
 ClientSampleId :

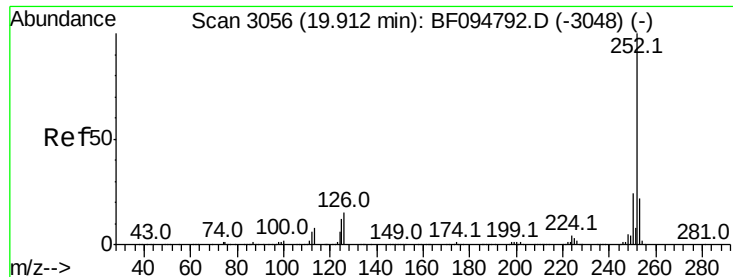
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.39 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

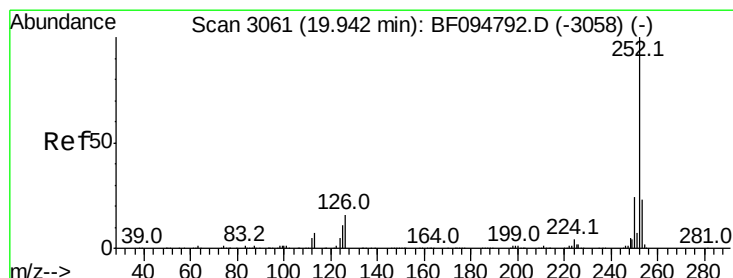
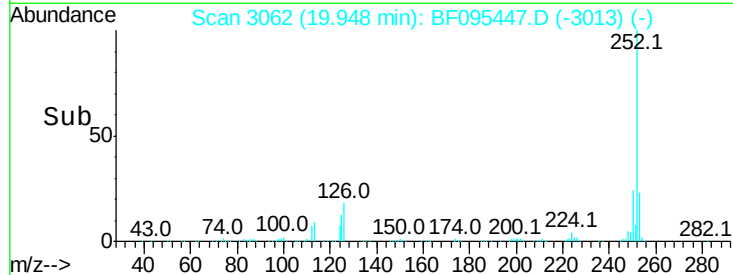
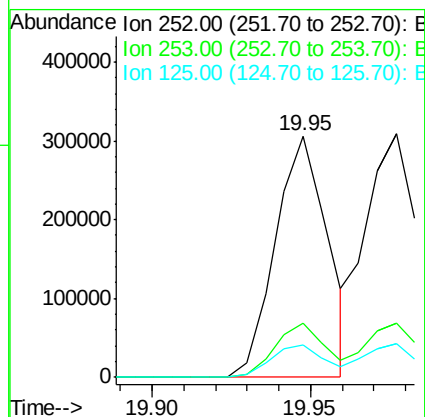
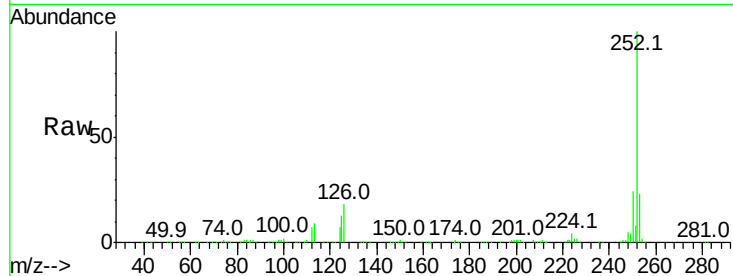
Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 350594

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 46.57 ng

RT: 19.98 min Scan# 3067

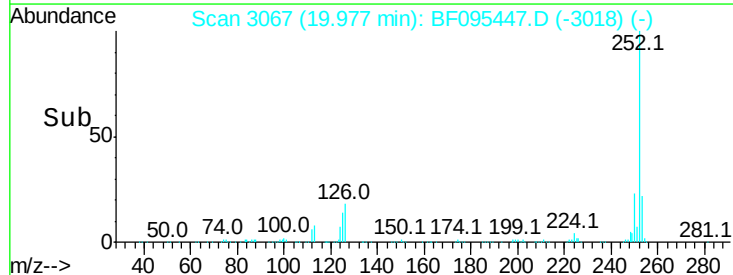
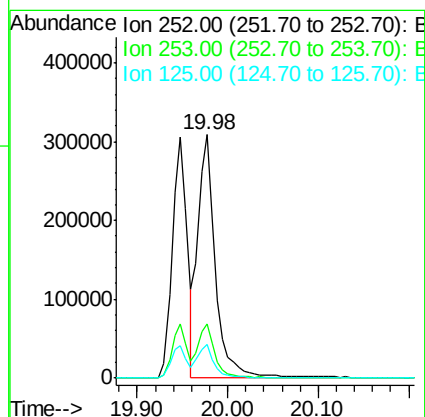
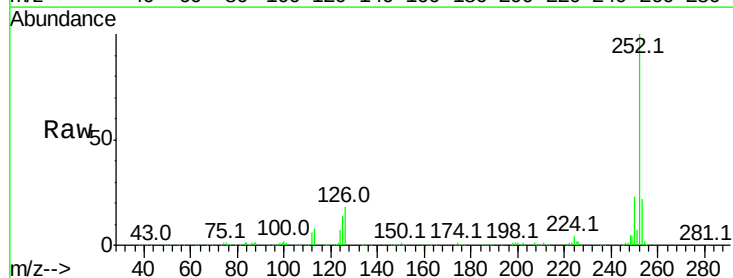
Delta R.T. -0.01 min

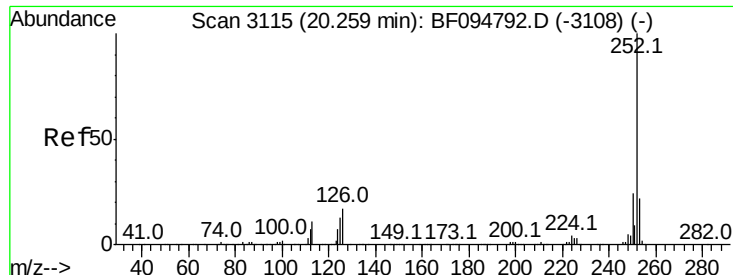
Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:252 Resp: 410160

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.6	13.1	19.7

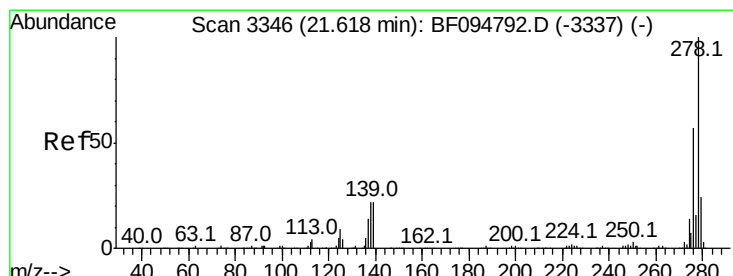
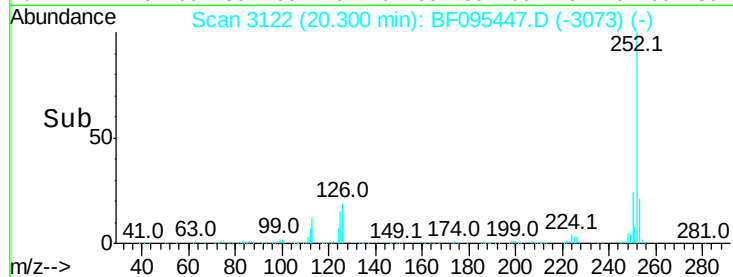
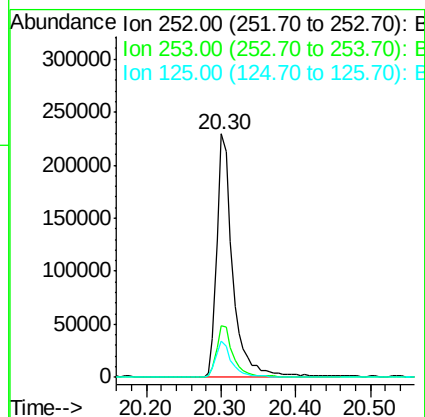
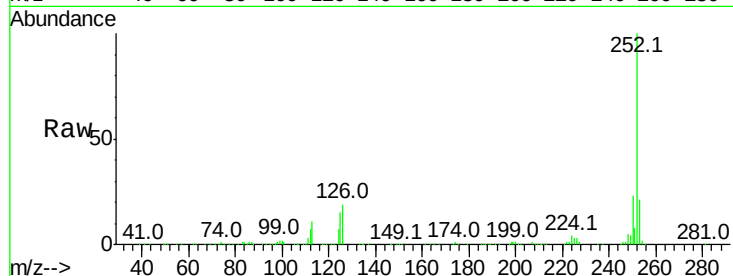




#89
Benzo(a)pyrene
Concen: 39.95 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

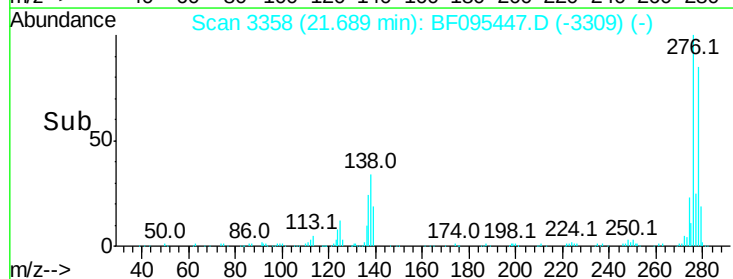
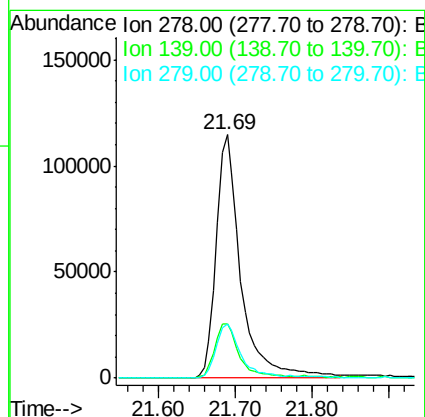
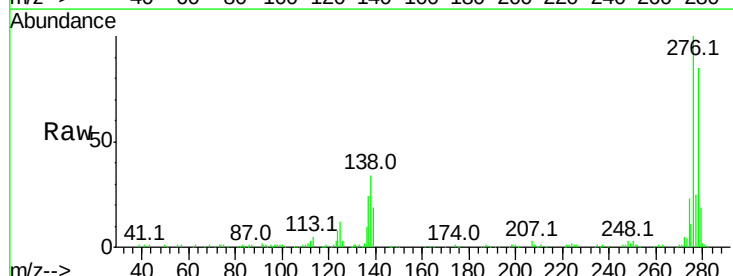
Instrument :
BNA_F
ClientSampleId :

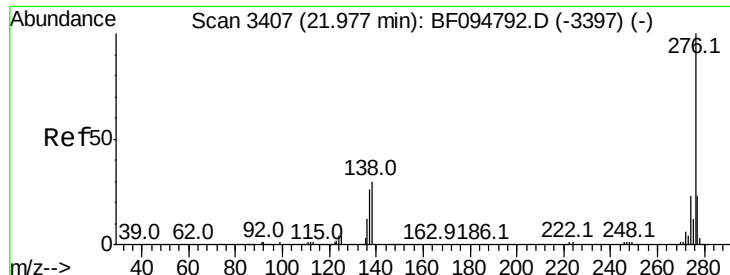
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	15.0	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.52 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

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





#91

Benzo(a,h,i)perylene

Concen: 36.91 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.00 min

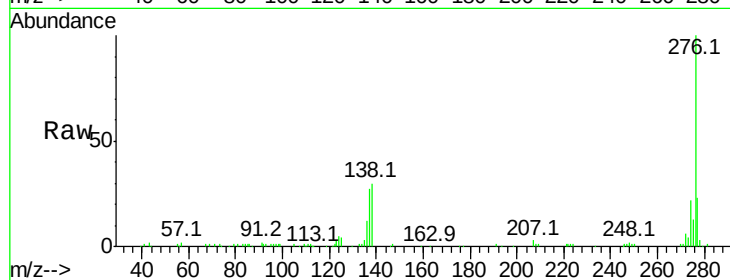
Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :



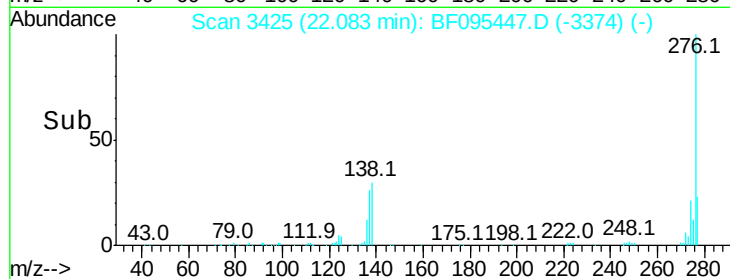
Tot Ion: 276 Resp: 252085

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 30.4 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

