

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095026.D
 Acq On : 9 May 2017 17:26
 Operator : SJ/MA
 Sample : PB98769BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:13:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	98412	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	413678	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	191149	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	308493	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	280588	20.00	ng	-0.02
86) Perylene-d12	20.29	264	203195	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	665595	112.76	ng	-0.01
7) Phenol-d6	7.26	99	870825	122.96	ng	-0.02
23) Nitrobenzene-d5	8.62	82	515708	78.61	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	185341	118.39	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1025541	77.22	ng	-0.02
78) Terphenyl-d14	17.29	244	940121	73.80	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	91753	31.69	ng	95
3) Pyridine	2.82	79	207002	30.85	ng	96
4) n-Nitrosodimethylamine	2.74	42	97019	34.69	ng	# 78
6) Aniline	7.22	93	169488	18.96	ng	95
8) 2-Chlorophenol	7.40	128	280751	41.79	ng	97
9) Benzaldehyde	7.05	77	29768	6.88	ng	99
10) Phenol	7.28	94	308623	41.35	ng	89
11) bis(2-Chloroethyl)ether	7.35	93	239794	38.92	ng	96
12) 1,3-Dichlorobenzene	7.62	146	290608	38.13	ng	99
13) 1,4-Dichlorobenzene	7.74	146	295218	38.20	ng	96
14) 1,2-Dichlorobenzene	7.97	146	279473	38.74	ng	96
15) Benzyl Alcohol	8.00	79	217320	47.71	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	324500	37.21	ng	70
17) 2-Methylphenol	8.21	107	220047	40.02	ng	94
18) Hexachloroethane	8.50	117	97691	37.31	ng	89
19) n-Nitroso-di-n-propylamine	8.42	70	188286	39.31	ng	91
20) 3+4-Methylphenols	8.48	107	297996	39.89	ng	# 61
22) Acetophenone	8.38	105	381001	38.39	ng	# 84
24) Nitrobenzene	8.64	77	267151	38.85	ng	94
25) Isophorone	9.04	82	477872	40.79	ng	96
26) 2-Nitrophenol	9.15	139	151315	40.78	ng	99
27) 2,4-Dimethylphenol	9.28	122	248889	41.49	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	313809	38.72	ng	99
29) 2,4-Dichlorophenol	9.57	162	241268	42.59	ng	96
30) 1,2,4-Trichlorobenzene	9.66	180	229469	37.81	ng	98
31) Naphthalene	9.77	128	779598	37.50	ng	99
32) Benzoic acid	9.60	122	125901	33.66	ng	97
33) 4-Chloroaniline	9.93	127	53687	6.93	ng	# 90
34) Hexachlorobutadiene	9.98	225	116086	36.25	ng	98
35) Caprolactam	10.59	113	26445	15.55	ng	94
36) 4-Chloro-3-methylphenol	10.76	107	247623	40.89	ng	88
37) 2-Methylnaphthalene	10.89	142	544321	39.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	209217	35.59	ng	99
40) Hexachlorocyclopentadiene	11.15	237	170333	69.76	ng	98

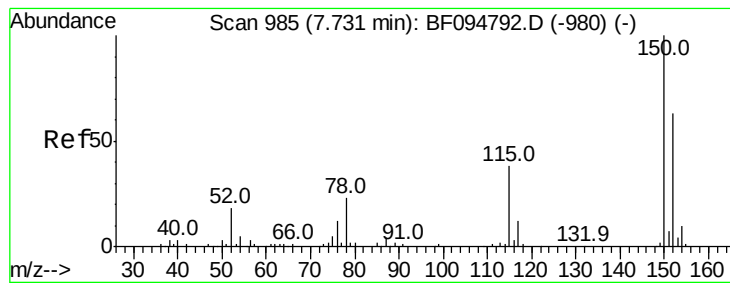
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095026.D
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Quant Time: May 10 01:13:57 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	156579	39.89	nq	96
43) 2,4,5-Trichlorophenol	11.48	196	162374	38.49	nq	# 93
45) 1,1'-Biphenyl	11.66	154	617587	38.37	nq	99
46) 2-Chloronaphthalene	11.67	162	493294	37.96	nq	95
47) 2-Nitroaniline	11.88	65	127661	35.89	nq	# 82
48) Acenaphthylene	12.33	152	801147	39.36	nq	99
49) Dimethylphthalate	12.21	163	597628	38.08	nq	100
50) 2,6-Dinitrotoluene	12.30	165	129628	40.49	nq	92
51) Acenaphthene	12.61	154	472998	38.91	nq	99
52) 3-Nitroaniline	12.57	138	62165	18.09	nq	89
53) 2,4-Dinitrophenol	12.77	184	102317	59.74	nq	# 66
54) Dibenzofuran	12.90	168	703448	41.81	nq	98
55) 4-Nitrophenol	12.94	139	184031	89.17	nq	# 72
56) 2,4-Dinitrotoluene	12.96	165	178369	43.36	nq	# 88
57) Fluorene	13.46	166	582905	39.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	124607	46.94	nq	95
59) Diethylphthalate	13.35	149	562565	37.40	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	256324	39.87	nq	88
61) 4-Nitroaniline	13.57	138	123924	39.29	nq	96
62) Azobenzene	13.74	77	497031	41.12	nq	94
64) 4,6-Dinitro-2-methylphenol	13.62	198	81236	39.28	nq	# 68
65) n-Nitrosodiphenylamine	13.69	169	451616	40.34	nq	98
66) 4-Bromophenyl-phenylether	14.27	248	142675	43.78	nq	97
67) Hexachlorobenzene	14.35	284	141794	42.45	nq	# 85
68) Atrazine	14.61	200	146315	46.28	nq	98
69) Pentachlorophenol	14.70	266	115417	76.69	nq	94
70) Phenanthrene	15.00	178	706813	39.88	nq	99
71) Anthracene	15.08	178	739752	40.86	nq	99
72) Carbazole	15.37	167	692335	42.03	nq	98
73) Di-n-butylphthalate	15.93	149	890082	43.33	nq	100
74) Fluoranthene	16.74	202	845779	46.52	nq	99
76) Benzo(a)pyrene	16.96	184	220239	31.63	nq	# 93
77) Pyrene	17.04	202	865172	41.23	nq	99
79) Butylbenzylphthalate	17.95	149	400209	41.00	nq	89
80) Benzo(a)anthracene	18.62	228	664689	40.70	nq	99
81) 3,3'-Dichlorobenzidine	18.60	252	138421	24.54	nq	# 95
82) Chrysene	18.67	228	613010	38.82	nq	100
83) Bis(2-ethylhexyl)phthalate	18.69	149	569197	40.93	nq	# 100
84) Di-n-octyl phthalate	19.46	149	876916	38.46	nq	96
85) Indeno(1,2,3-cd)pyrene	21.58	276	447926	34.93	nq	99
87) Benzo(b)fluoranthene	19.89	252	476220	37.93	nq	98
88) Benzo(k)fluoranthene	19.92	252	474121	39.15	nq	# 94
89) Benzo(a)pyrene	20.24	252	480520	41.47	nq	98
90) Dibenzo(a,h)anthracene	21.59	278	367288	38.39	nq	98
91) Benzo(g,h,i)perylene	21.95	276	351719	37.46	nq	98

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

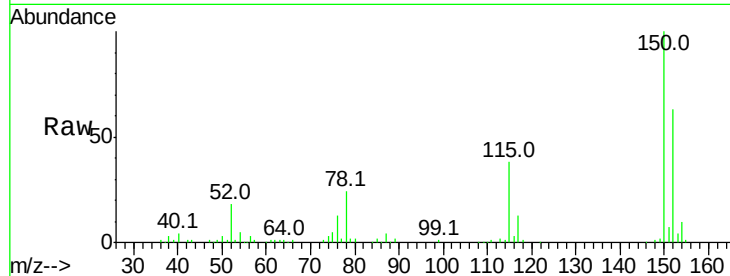


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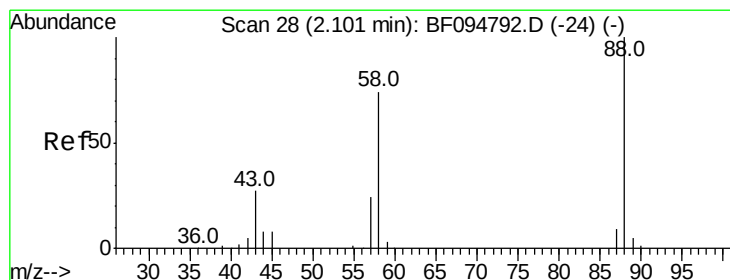
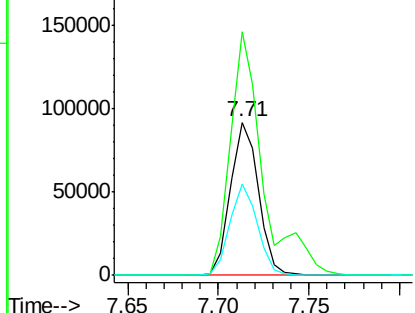
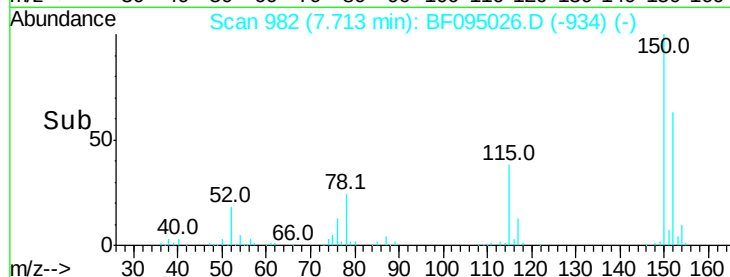
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98412
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 59.8 52.2 78.2



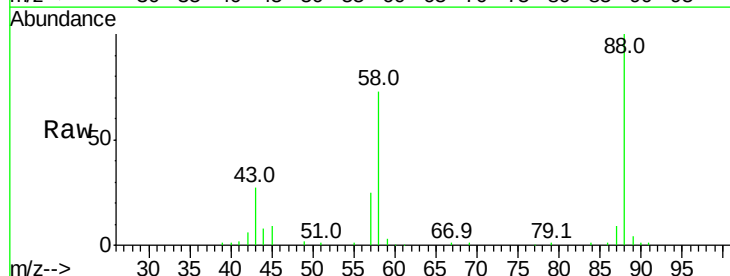
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



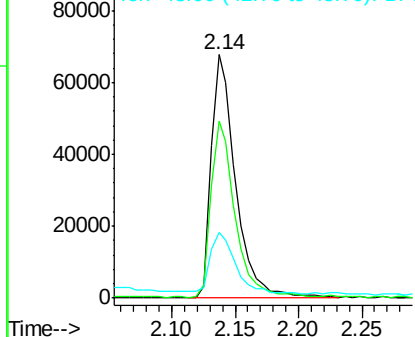
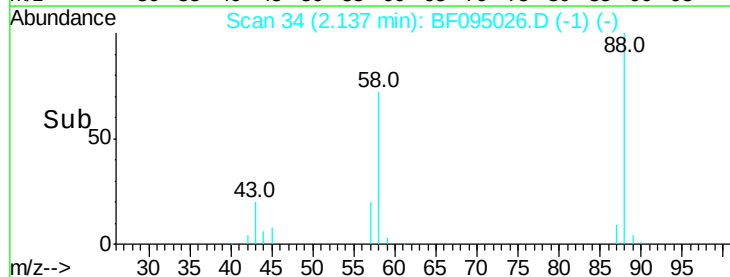
#2

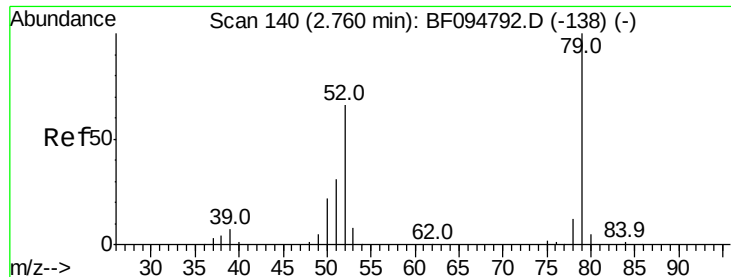
1,4-Dioxane
Concen: 31.69 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion: 88 Resp: 91753
Ion Ratio Lower Upper
88 100
58 72.3 61.4 92.0
43 26.3 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: 30.85 ng

RT: 2.82 min Scan# 150

Delta R.T. 0.06 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

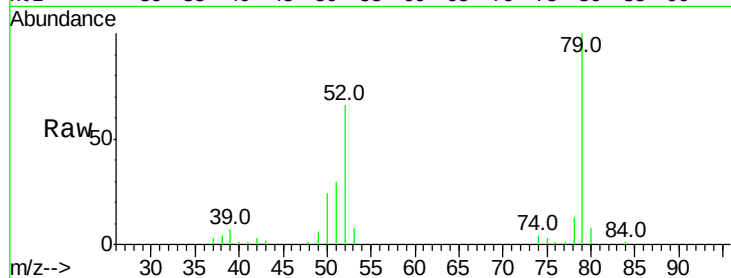
Tot Ion: 79 Resp: 207002

Ion Ratio Lower Upper

79 100

52 66.4 54.8 82.2

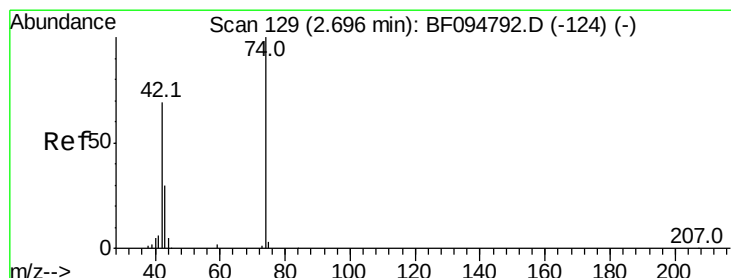
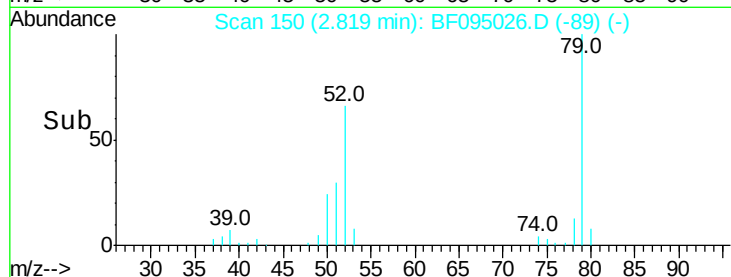
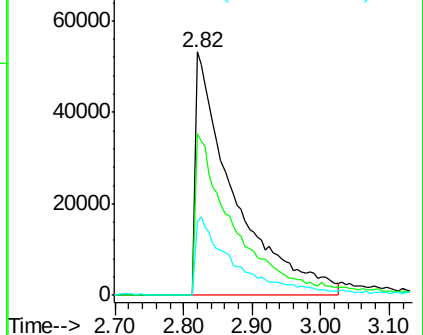
51 30.2 27.0 40.4



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: 34.69 ng

RT: 2.74 min Scan# 136

Delta R.T. 0.04 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

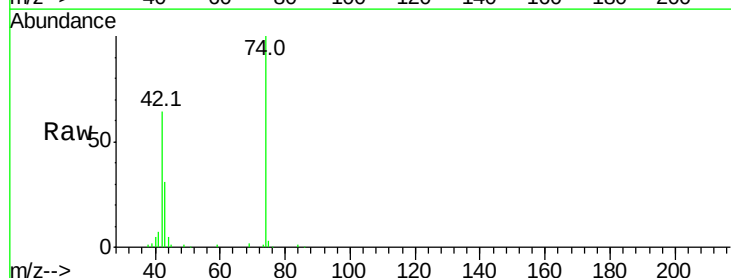
Tgt Ion: 42 Resp: 97019

Ion Ratio Lower Upper

42 100

74 157.3 103.9 155.9#

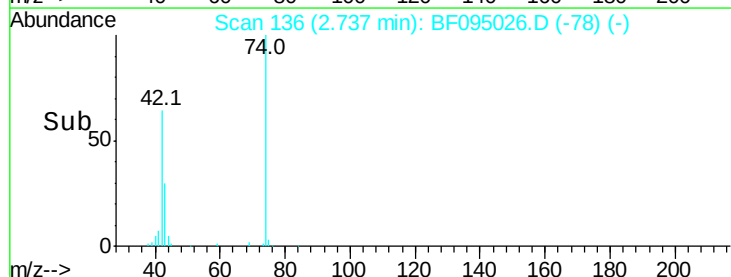
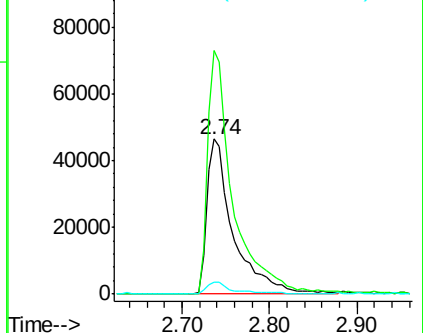
44 7.8 5.7 8.5

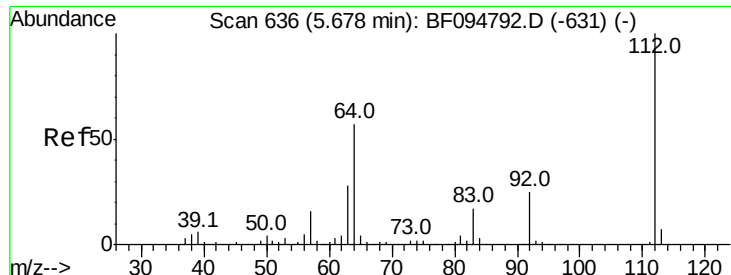


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.76 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampled :

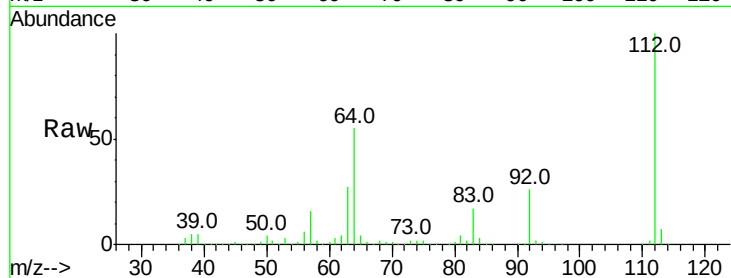
Tot Ion:112 Resp: 665595

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

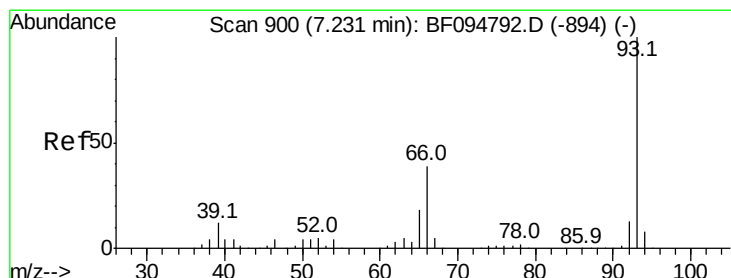
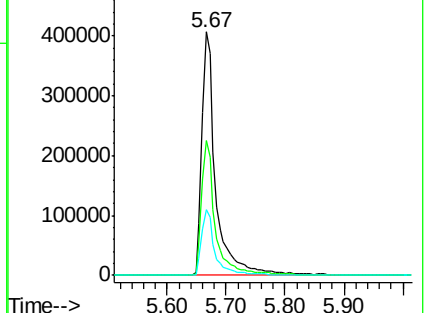
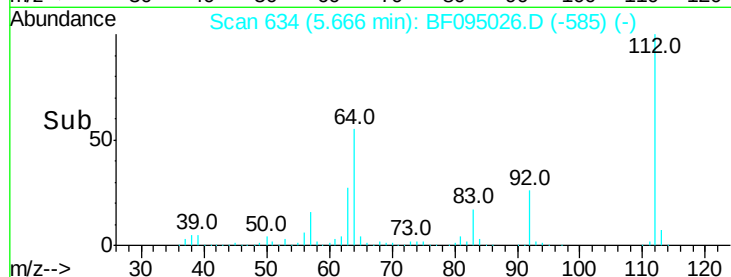
63 27.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.96 ng

RT: 7.22 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

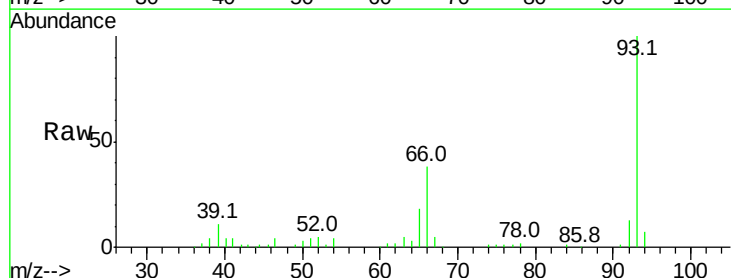
Tgt Ion: 93 Resp: 169488

Ion Ratio Lower Upper

93 100

66 37.8 32.9 49.3

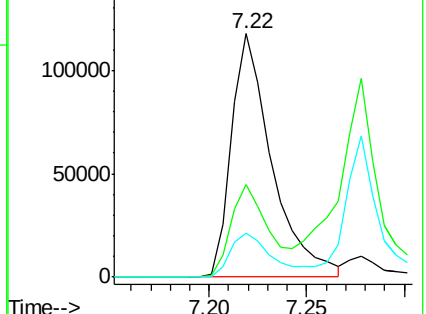
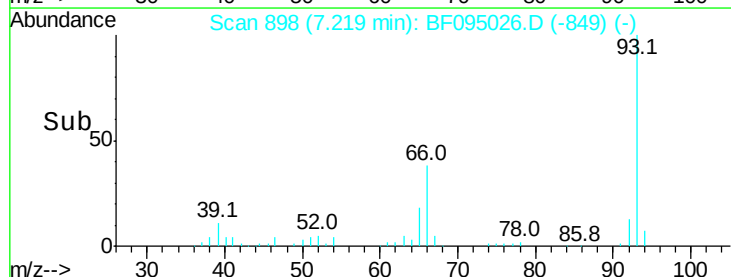
65 18.0 16.0 24.0

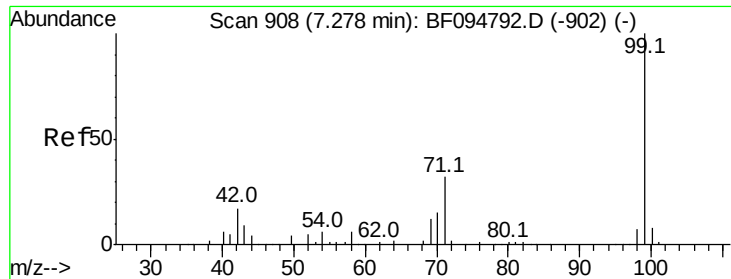


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.96 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

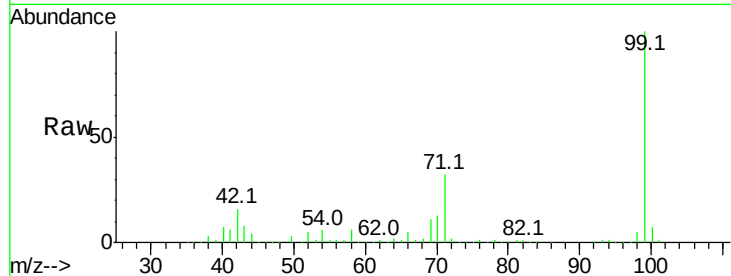
Tot Ion: 99 Resp: 870825

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

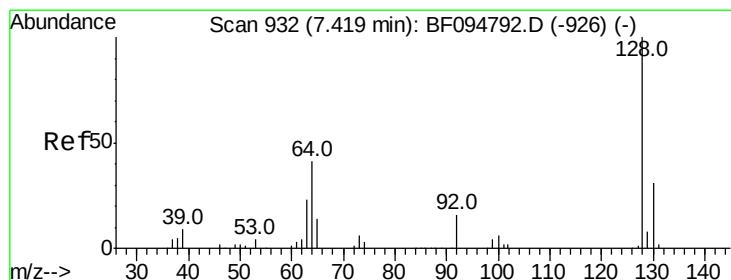
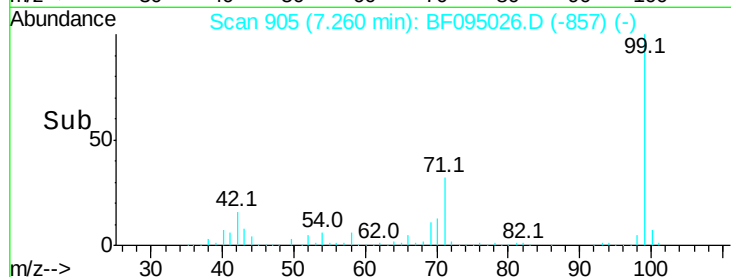
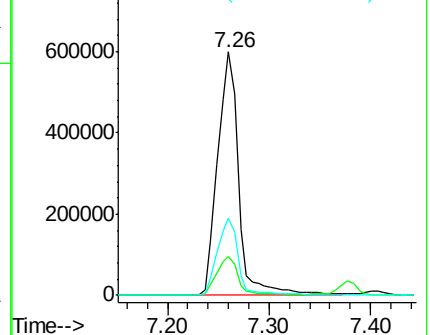
71 31.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.79 ng

RT: 7.40 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

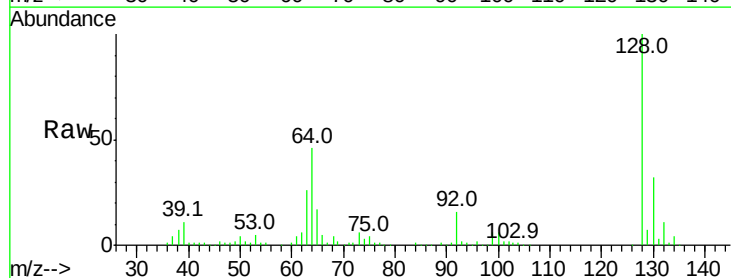
Tgt Ion: 128 Resp: 280751

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

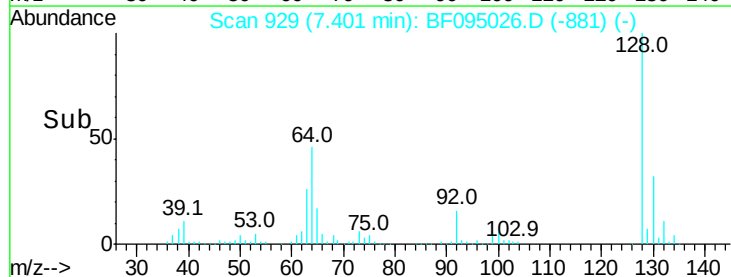
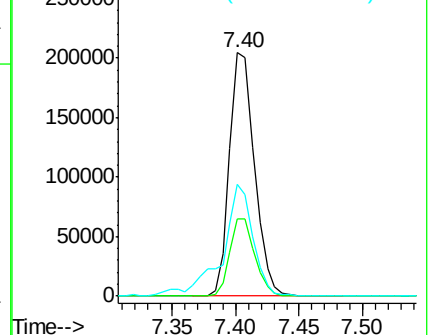
64 46.0 28.4 68.4

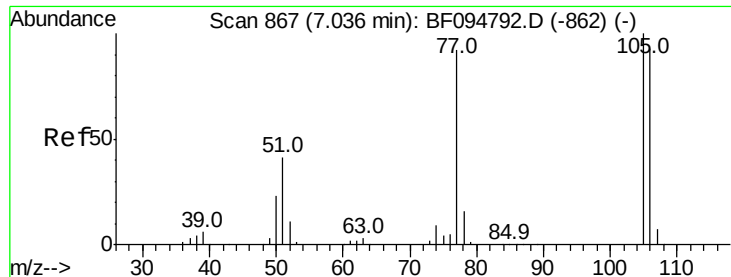


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

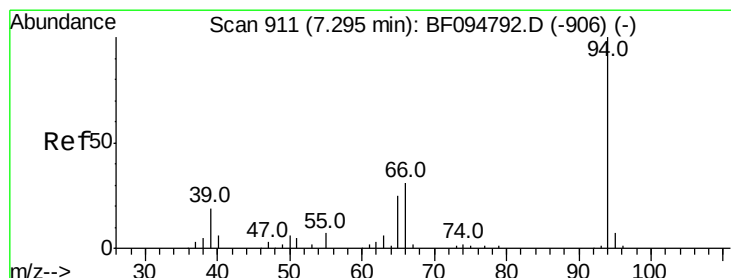
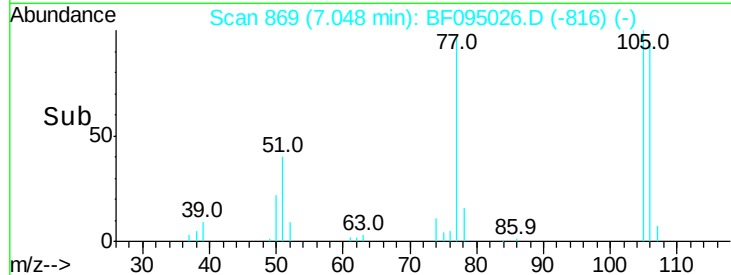
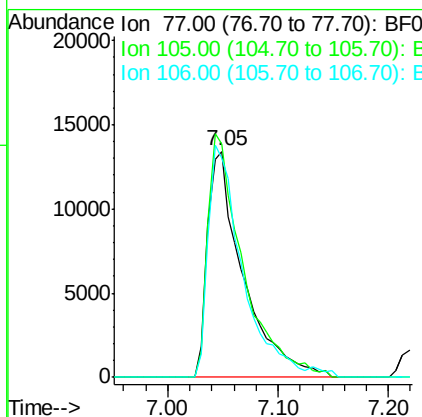
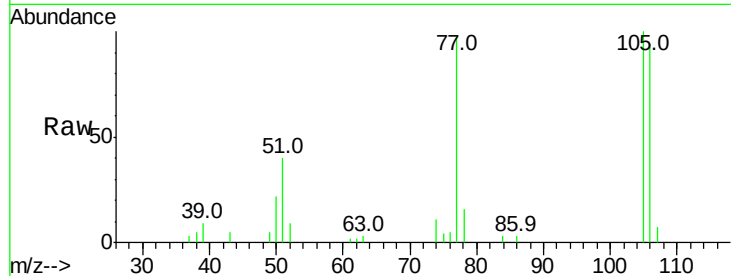




#9
Benzaldehyde
Concen: 6.88 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

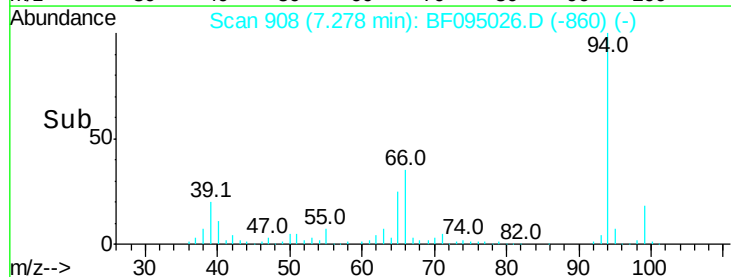
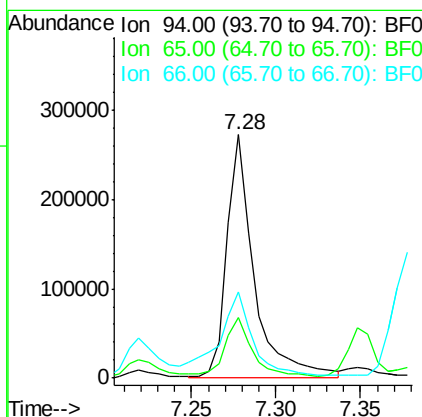
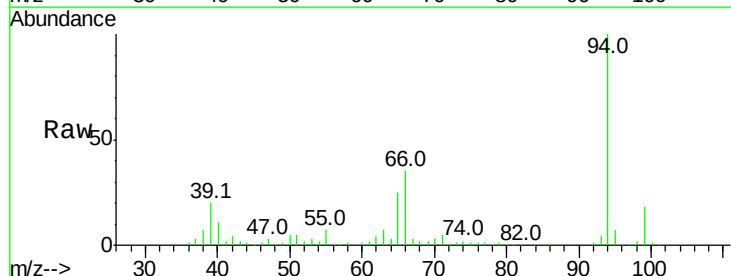
Instrument :
BNA_F
ClientSampled :

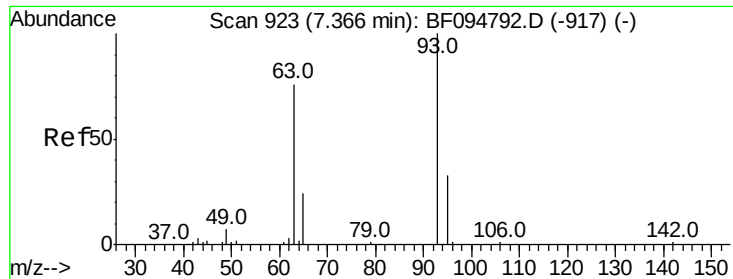
Tot Ion: 77 Resp: 29768
Ion Ratio Lower Upper
77 100
105 103.5 83.8 123.8
106 97.1 79.1 119.1



#10
Phenol
Concen: 41.35 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion: 94 Resp: 308623
Ion Ratio Lower Upper
94 100
65 25.0 9.9 49.9
66 35.2 23.1 63.1

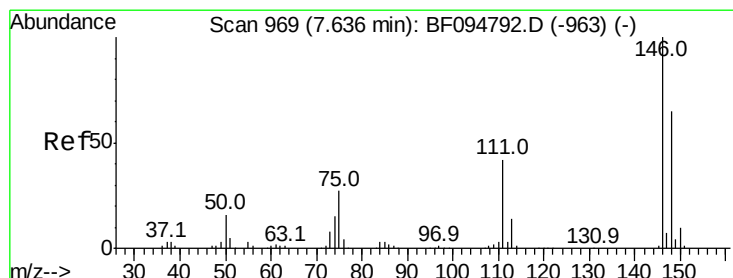
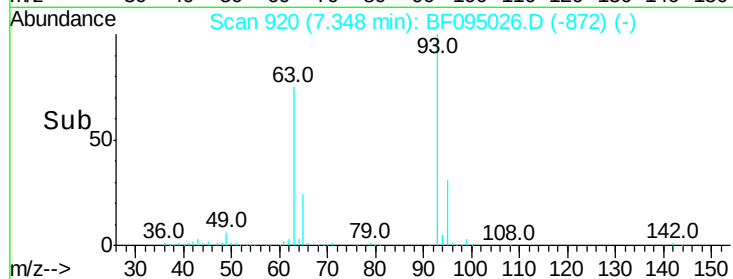
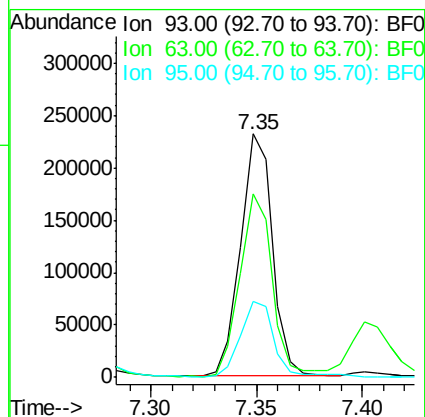
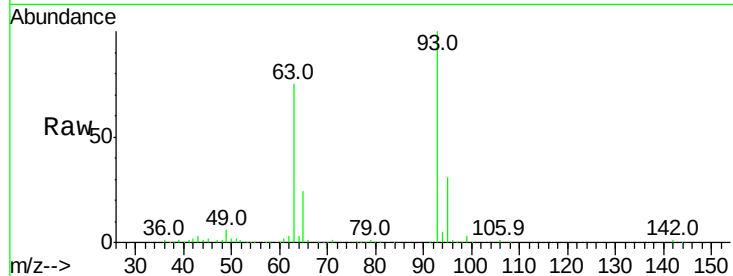




#11
bis(2-Chloroethyl)ether
Concen: 38.92 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

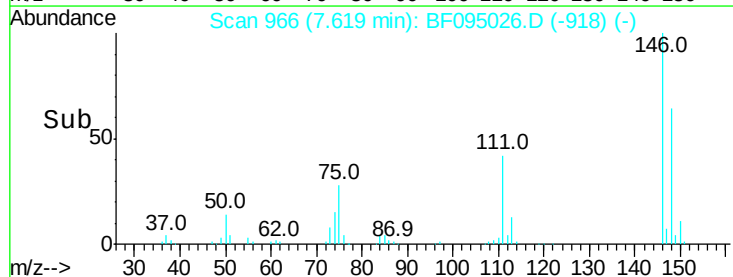
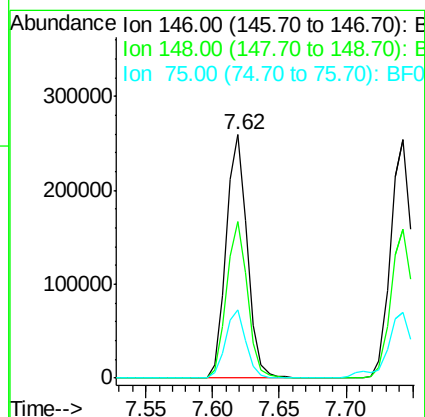
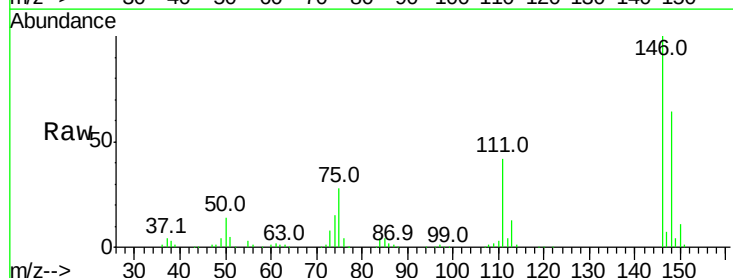
Instrument :
BNA_F
ClientSampleId :

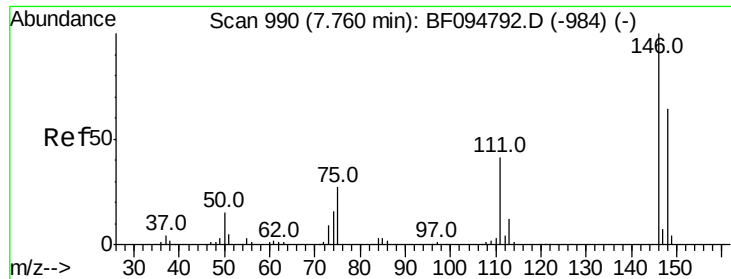
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.2	99.2
95	31.4	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 38.13 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
75	28.0	23.1	34.7

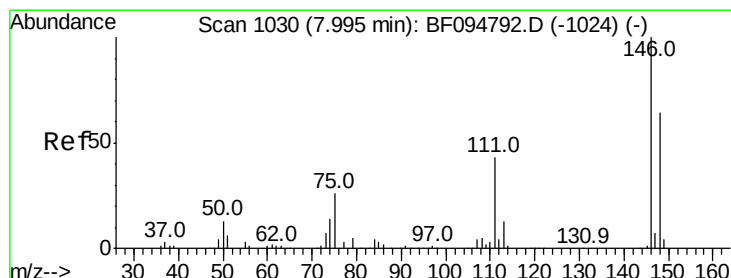
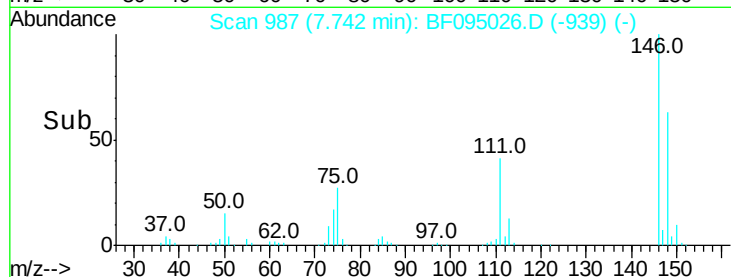
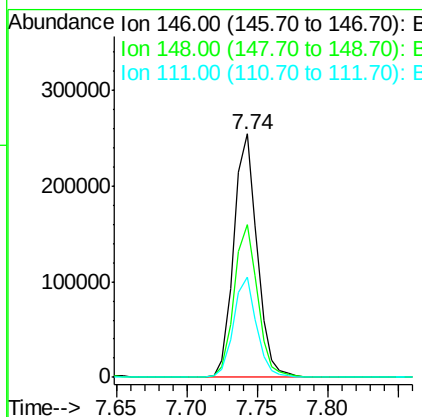
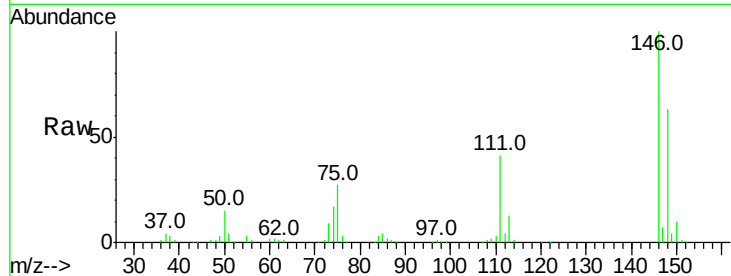




#13
 1,4-Dichlorobenzene
 Concen: 38.20 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

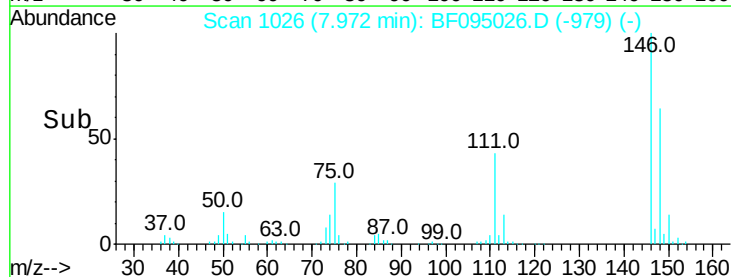
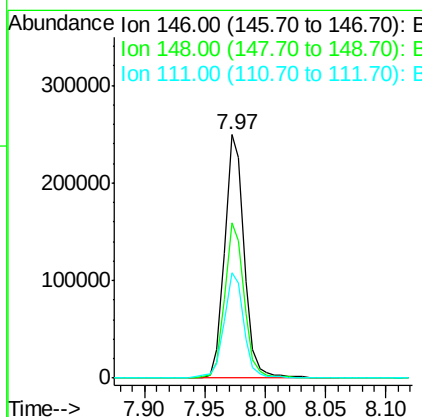
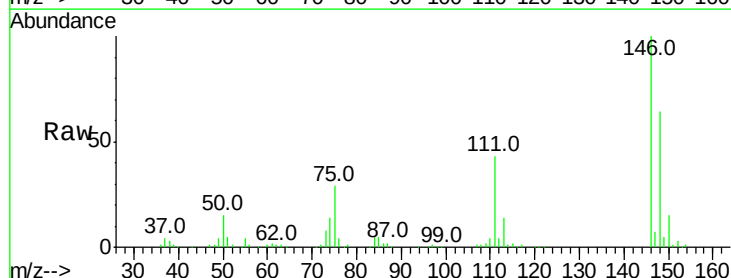
Instrument :
 BNA_F
 ClientSampleId :

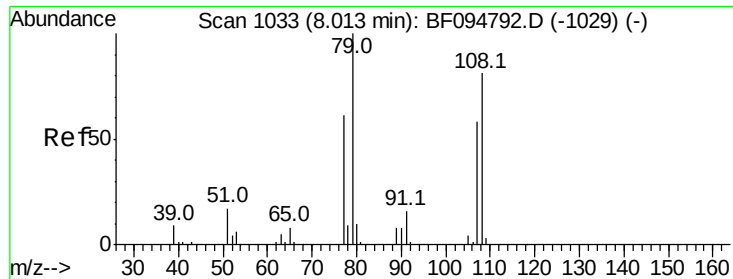
Tot Ion:146 Resp: 295218
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 41.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.74 ng
 RT: 7.97 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:146 Resp: 279473
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 43.2 38.2 57.4

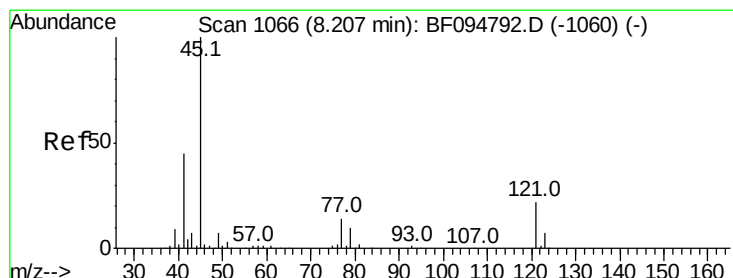
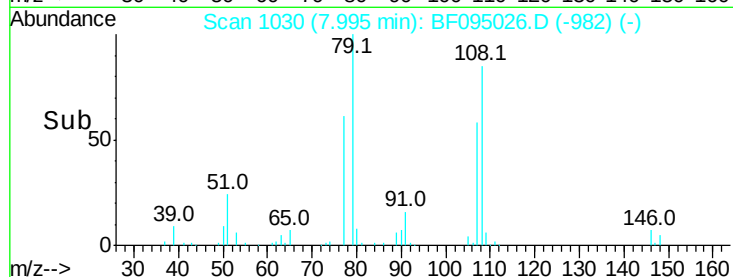
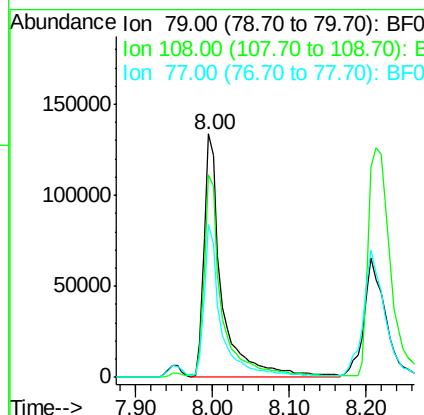
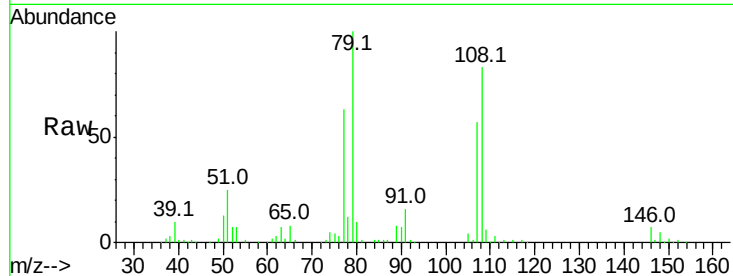




#15
Benzyl Alcohol
Concen: 47.71 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

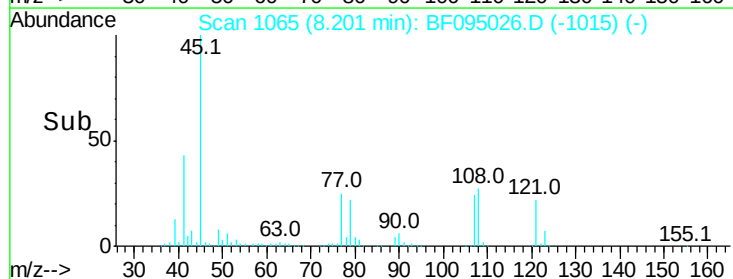
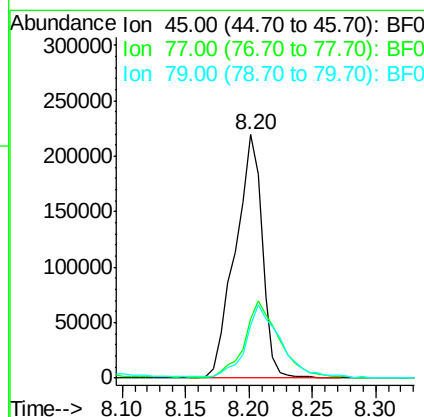
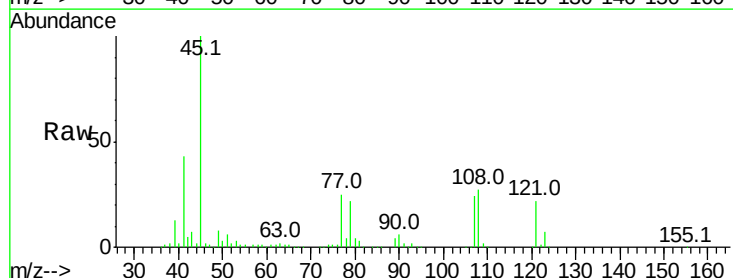
Instrument :
BNA_F
ClientSampleId :

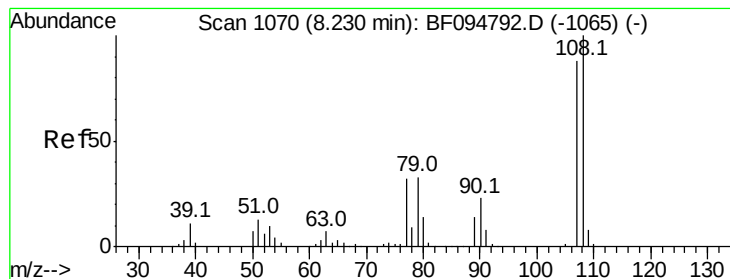
Tot Ion: 79 Resp: 217320
Ion Ratio Lower Upper
79 100
108 83.0 63.4 95.0
77 62.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.21 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion: 45 Resp: 324500
Ion Ratio Lower Upper
45 100
77 24.6 0.0 33.2
79 21.8 0.0 30.0

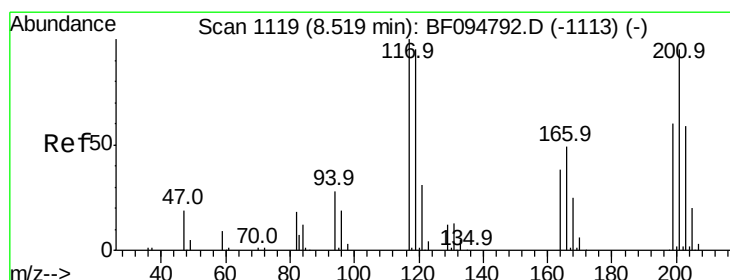
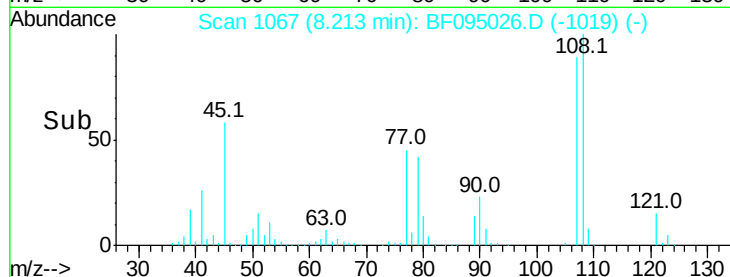
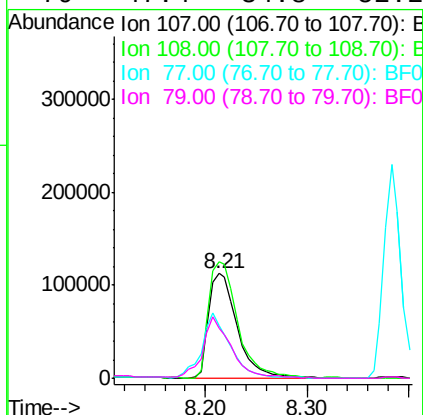
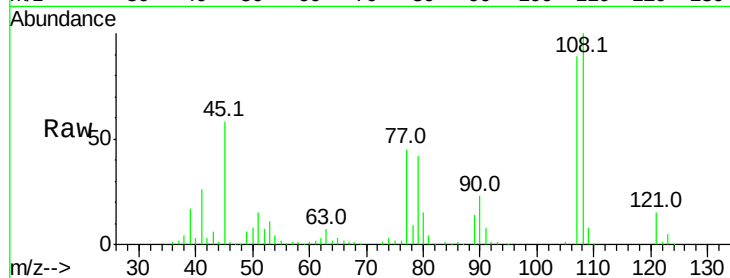




#17
2-Methylphenol
Concen: 40.02 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

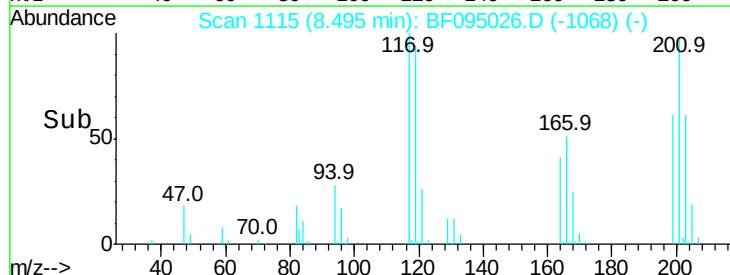
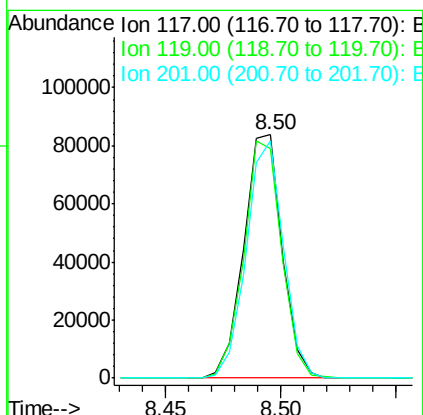
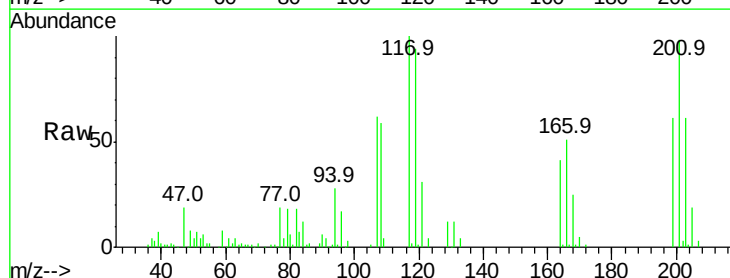
Instrument :
BNA_F
ClientSampleId :

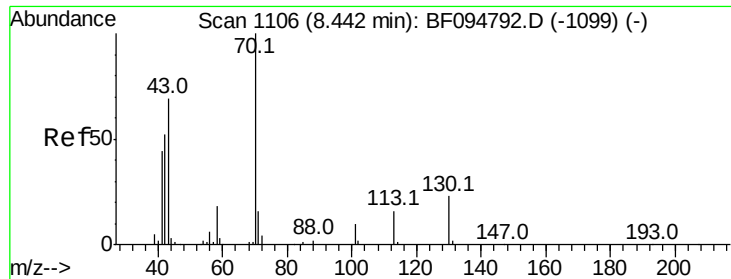
Tot Ion:107 Resp: 220047
Ion Ratio Lower Upper
107 100
108 112.1 93.4 140.0
77 50.6 35.8 53.6
79 47.4 34.8 52.2



#18
Hexachloroethane
Concen: 37.31 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion:117 Resp: 97691
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.0
201 97.7 94.6 141.8

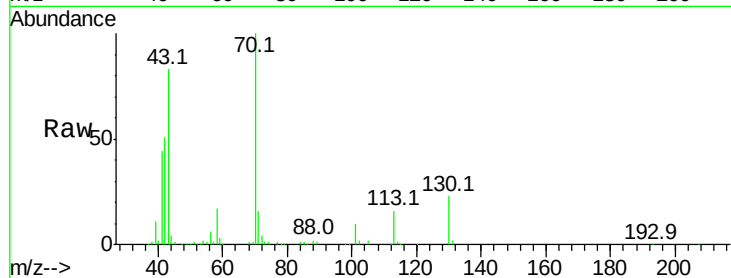




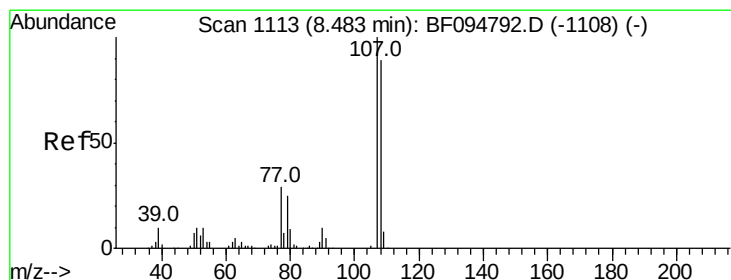
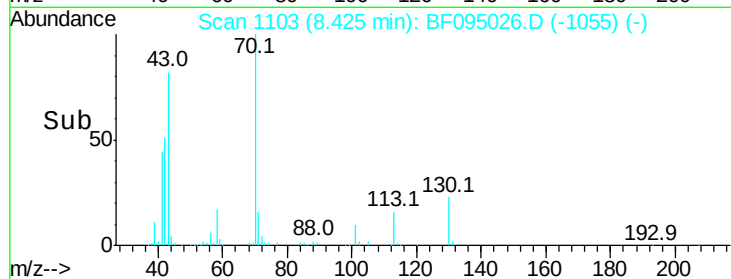
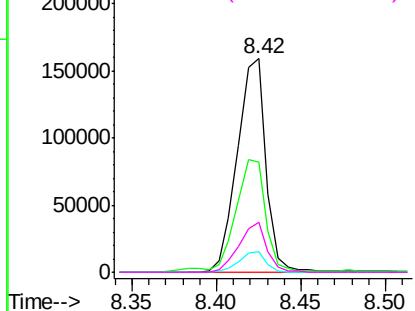
#19
n-Nitroso-di-n-propylamine
Concen: 39.31 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 188286
Ion Ratio Lower Upper
70 100
42 51.4 47.2 70.8
101 9.7 7.2 10.8
130 23.2 15.9 23.9

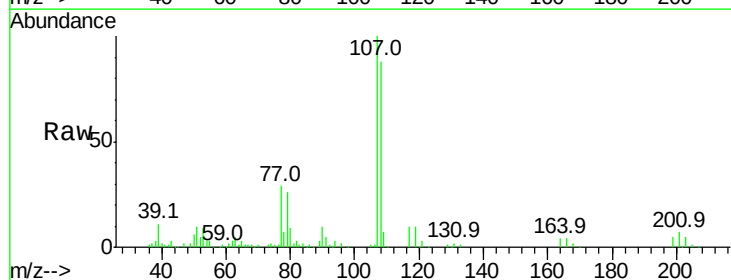


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

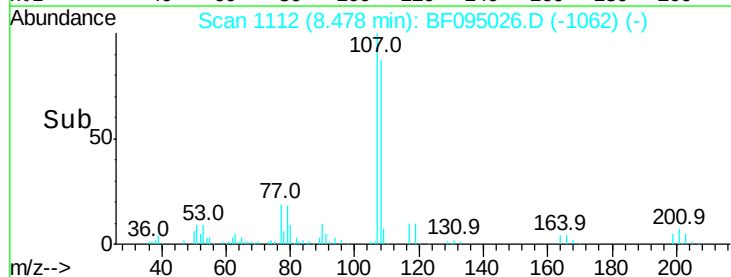
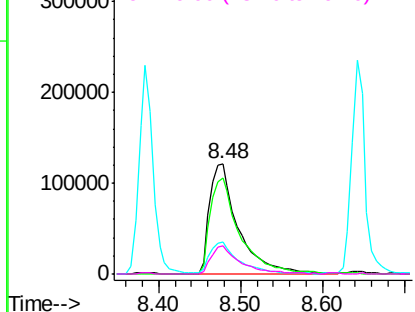


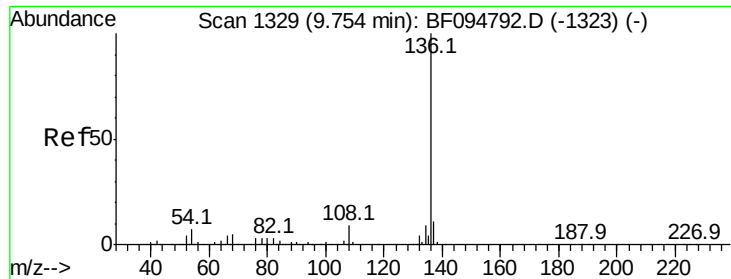
#20
3+4-Methylphenols
Concen: 39.89 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion:107 Resp: 297996
Ion Ratio Lower Upper
107 100
108 87.6 71.0 111.0
77 29.0 90.5 130.5#
79 25.7 8.4 48.4



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

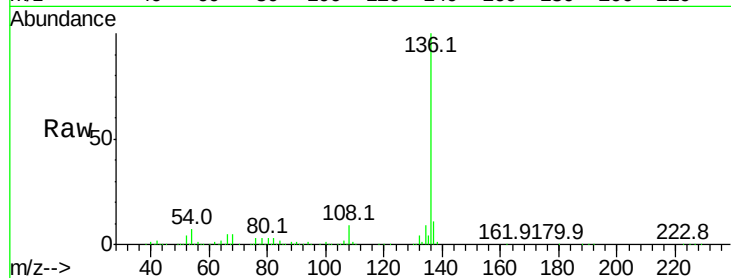




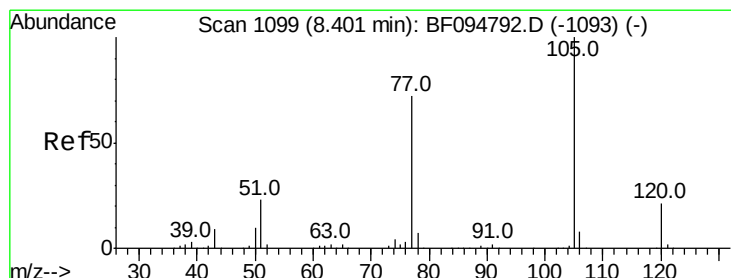
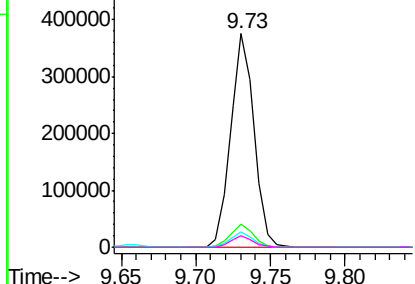
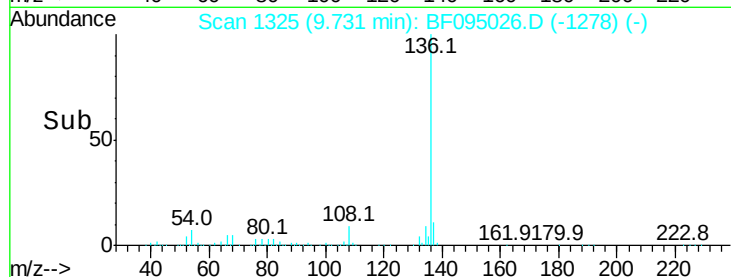
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	413678
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.0	4.9 7.3
68	5.1	4.1 6.1

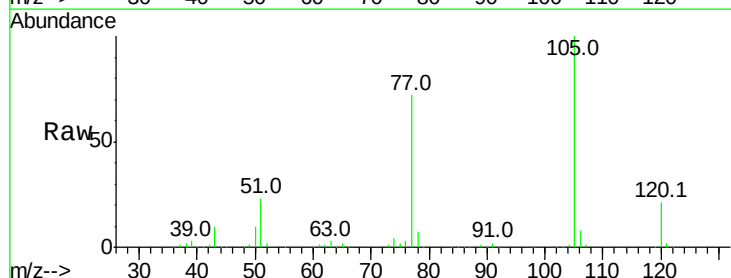


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

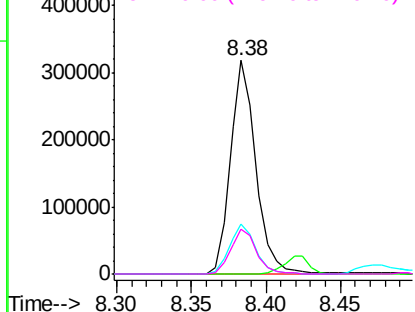
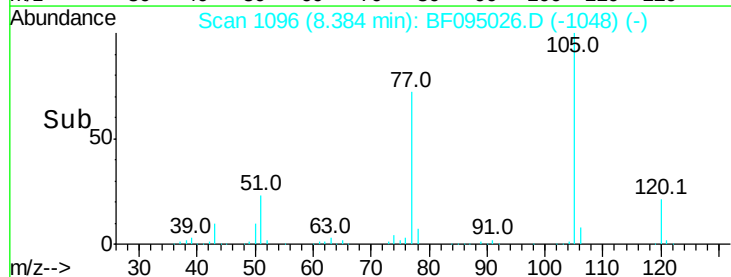


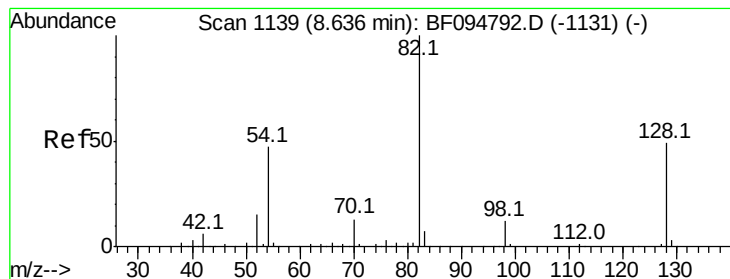
#22
Acetophenone
Concen: 38.39 ng
RT: 8.38 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion:105	Resp:	381001
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	23.2	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: 78.61 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

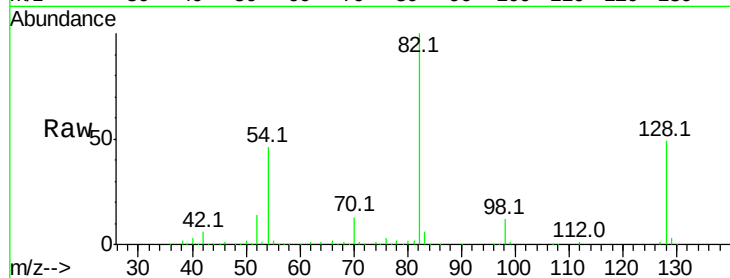
Tot Ion: 82 Resp: 515708

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

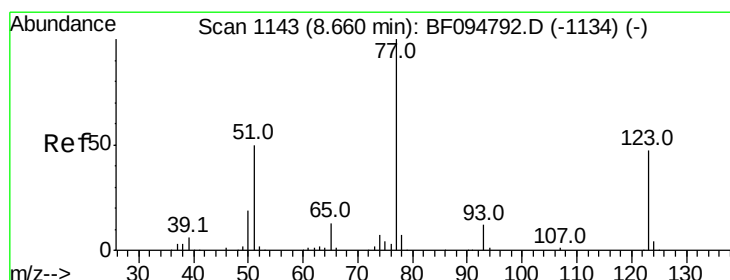
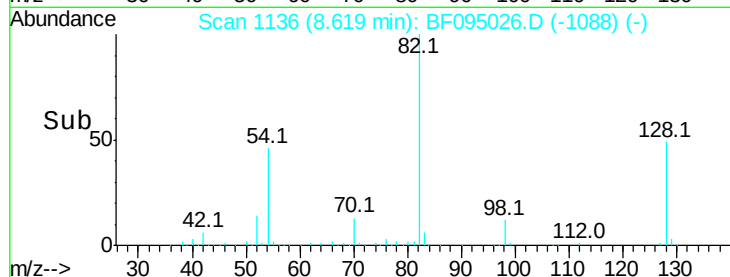
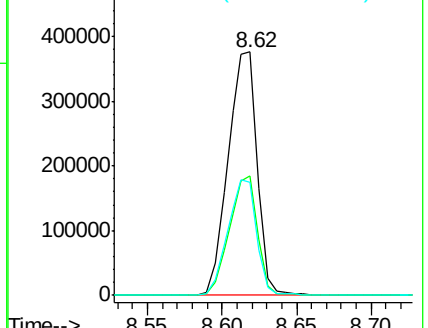
54 46.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.85 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

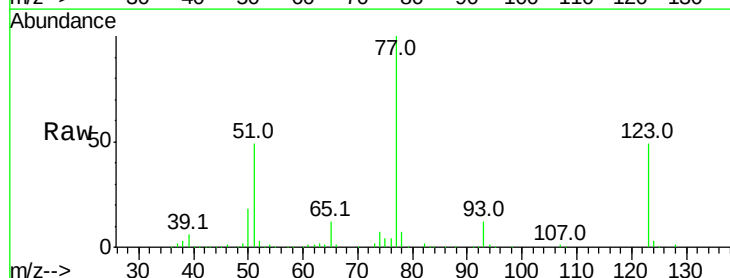
Tgt Ion: 77 Resp: 267151

Ion Ratio Lower Upper

77 100

123 49.4 35.8 53.8

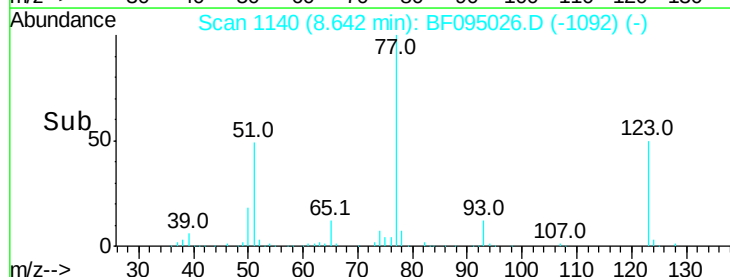
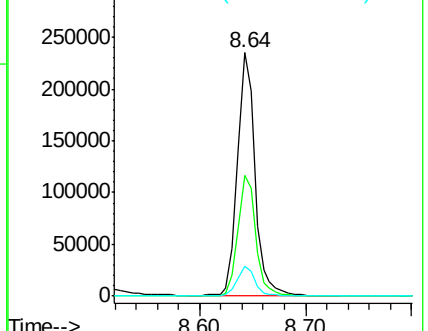
65 12.2 10.6 15.8

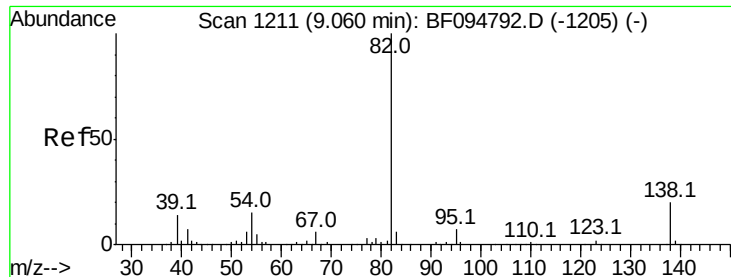


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.79 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampled :

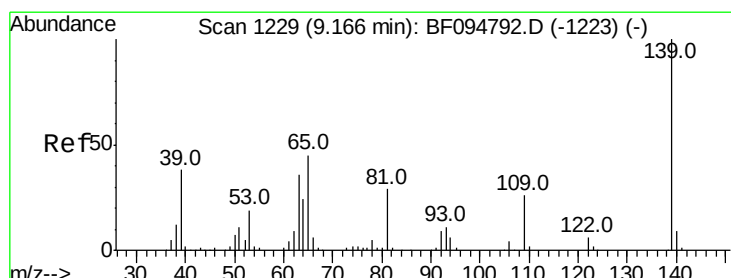
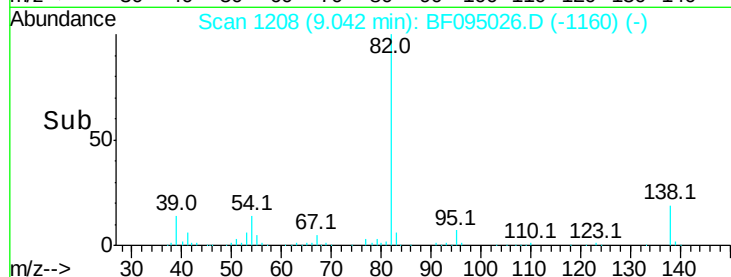
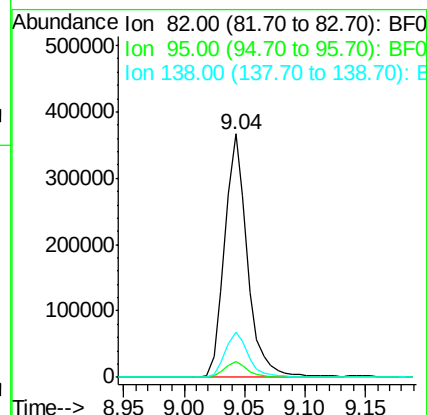
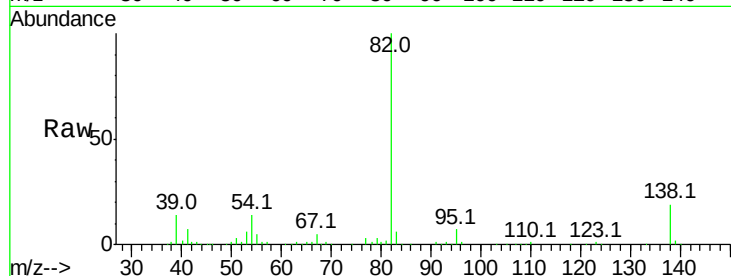
Tot Ion: 82 Resp: 477872

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 40.78 ng

RT: 9.15 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

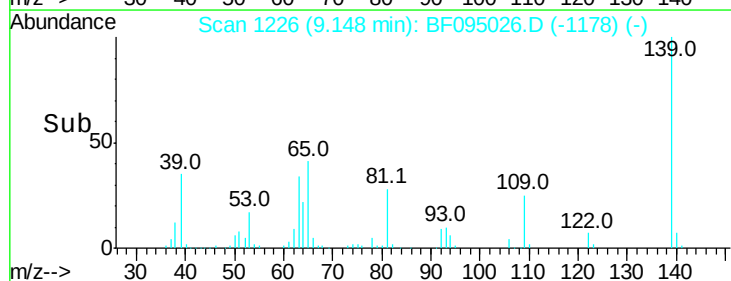
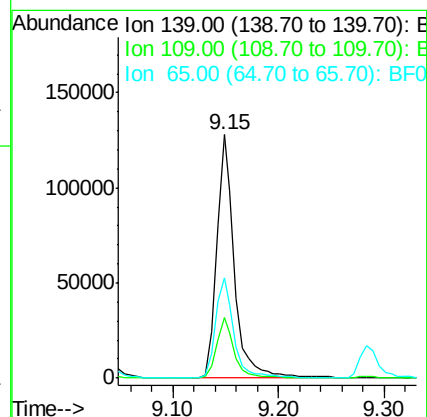
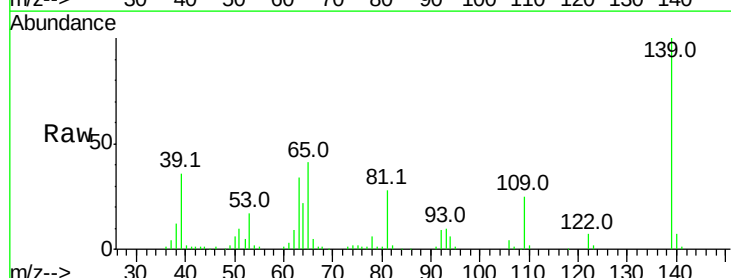
Tgt Ion:139 Resp: 151315

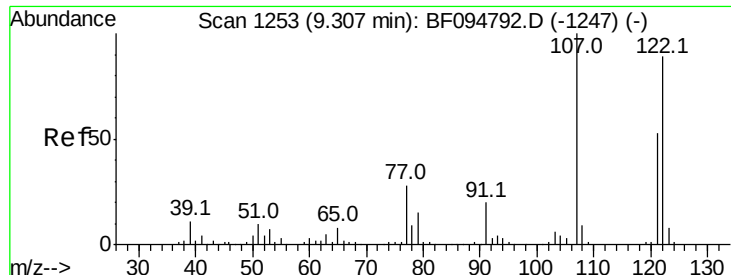
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.6

65 41.4 33.0 49.6

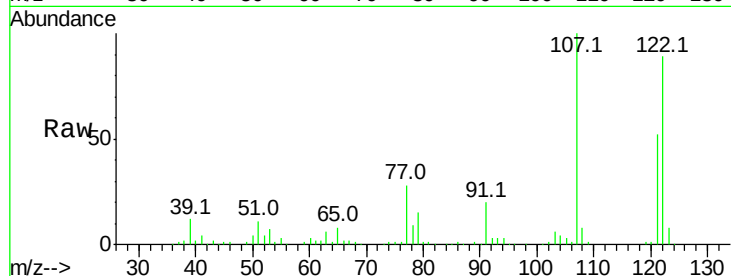




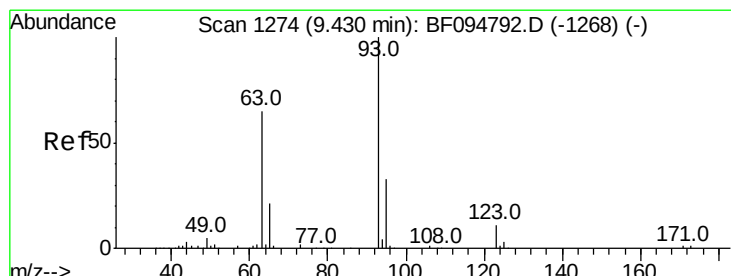
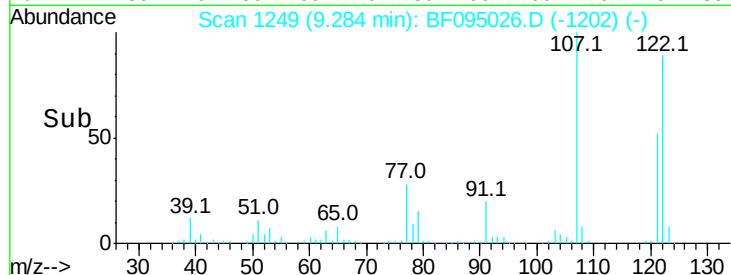
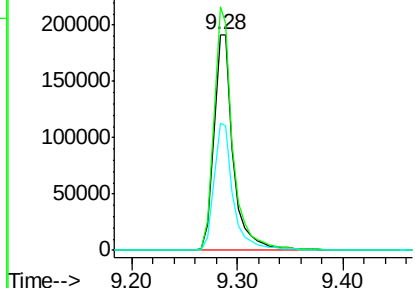
#27
 2,4-Dimethylphenol
 Concen: 41.49 ng
 RT: 9.28 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	122	Resp:	248889
Ion	Ratio	Lower	Upper
122	100		
107	112.7	89.2	133.8
121	58.9	45.2	67.8

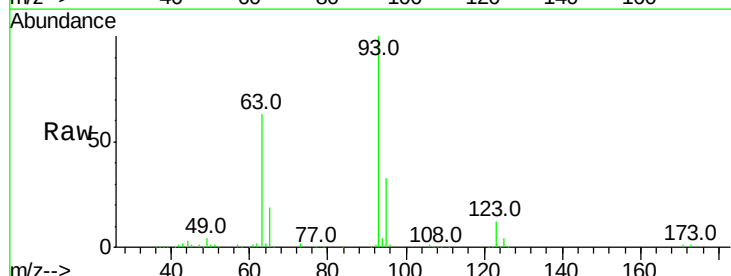


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

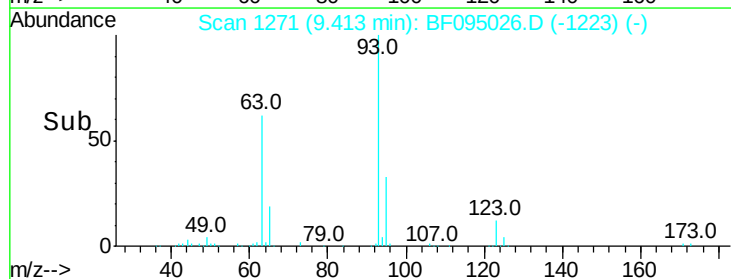
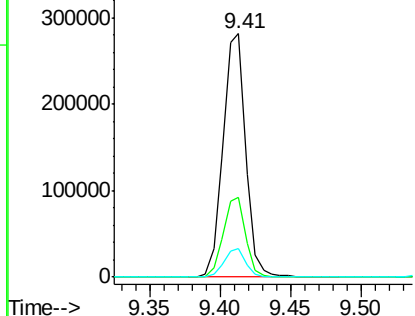


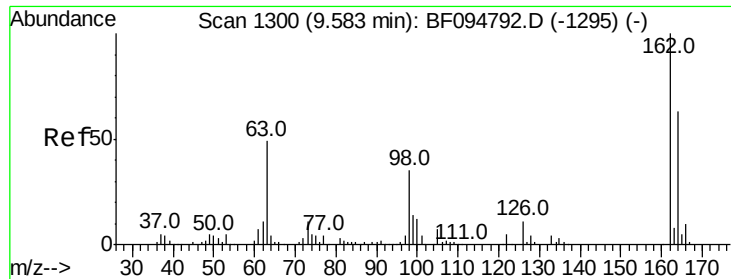
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.72 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:	93	Resp:	313809
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.9	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

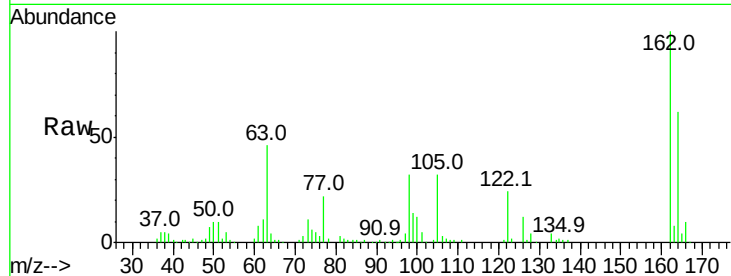




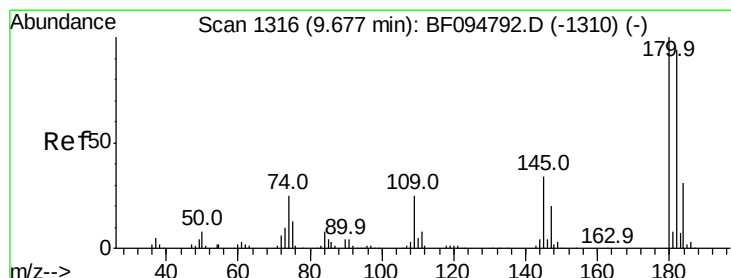
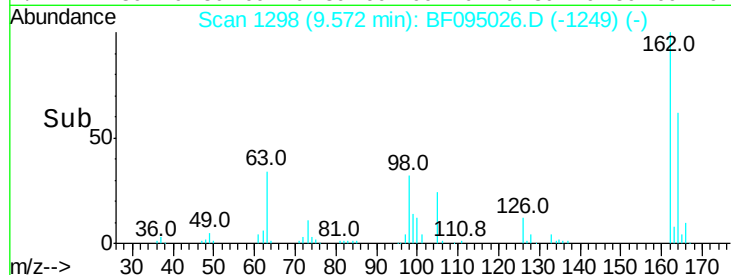
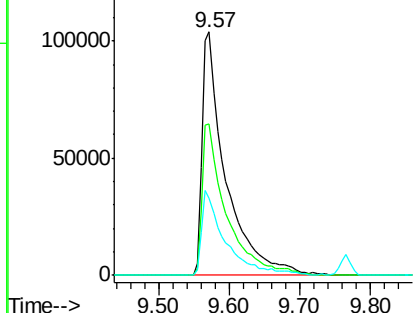
#29
 2,4-Dichlorophenol
 Concen: 42.59 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	31.8	14.8	54.8

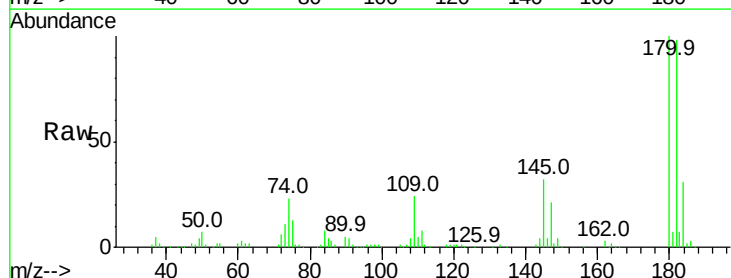


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

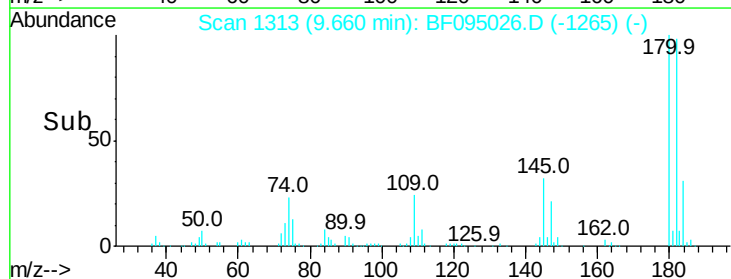
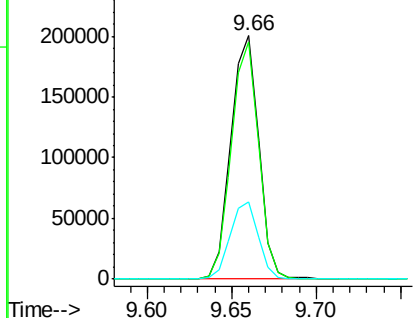


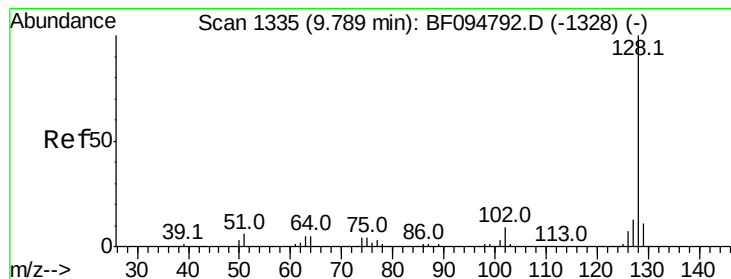
#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.8	113.6
145	31.9	25.3	37.9



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





#31

Naphthalene

Concen: 37.50 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

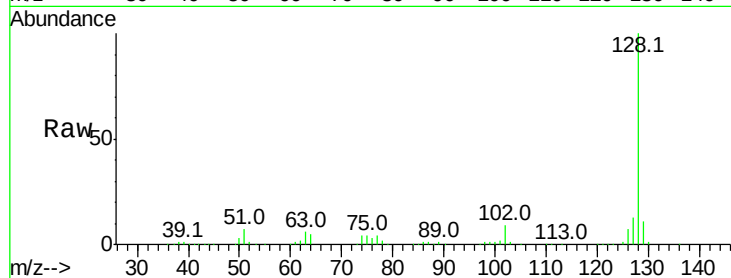
Tot Ion:128 Resp: 779598

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

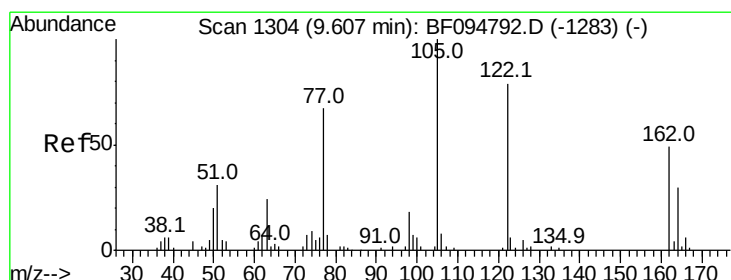
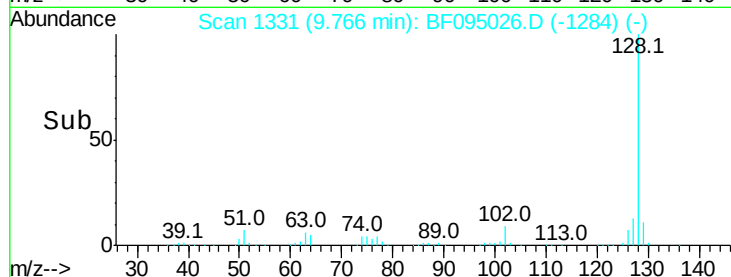
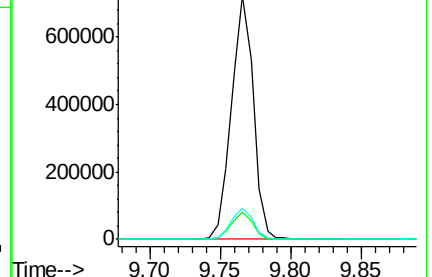
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.66 ng

RT: 9.60 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

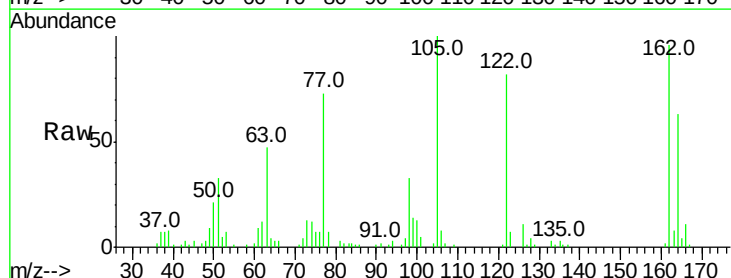
Tgt Ion:122 Resp: 125901

Ion Ratio Lower Upper

122 100

105 121.7 103.3 143.3

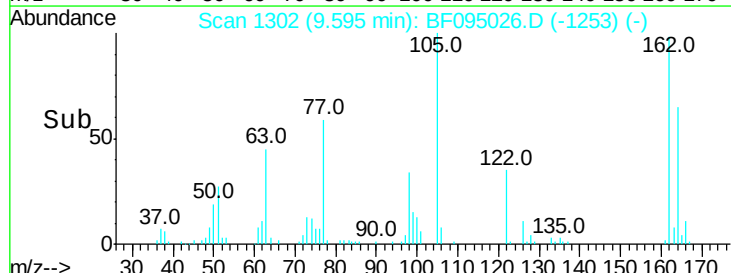
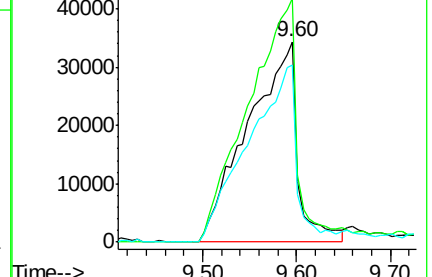
77 88.4 73.7 113.7

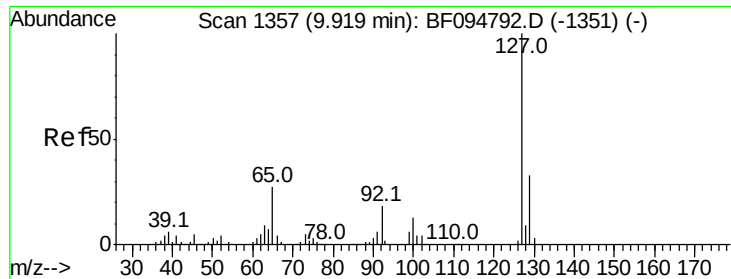


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

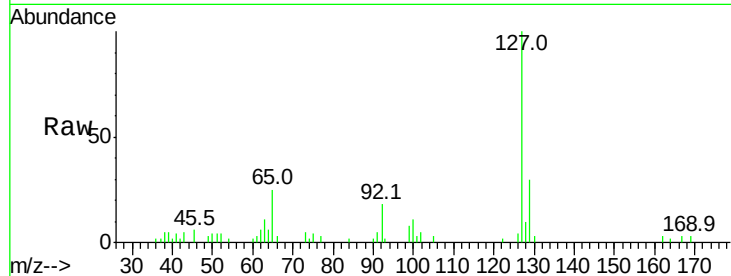




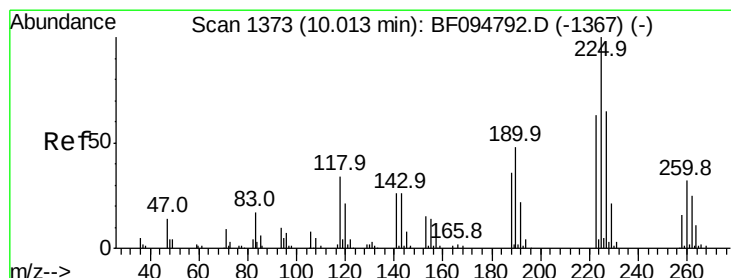
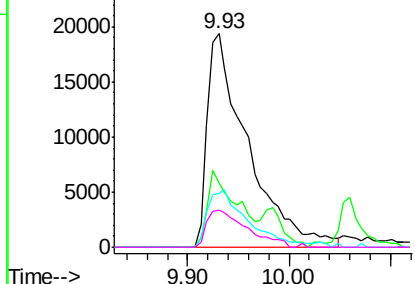
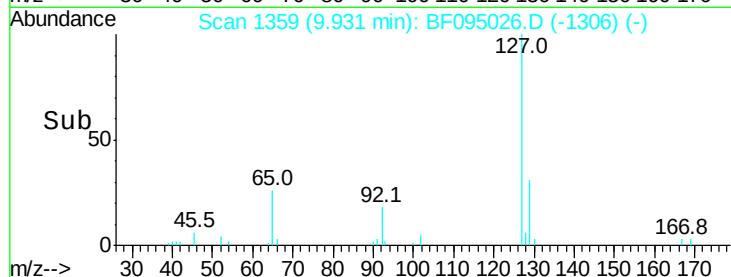
#33
 4-Chloroaniline
 Concen: 6.93 ng
 RT: 9.93 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	53687
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	25.1	27.8	41.8#
92	17.6	16.8	25.2

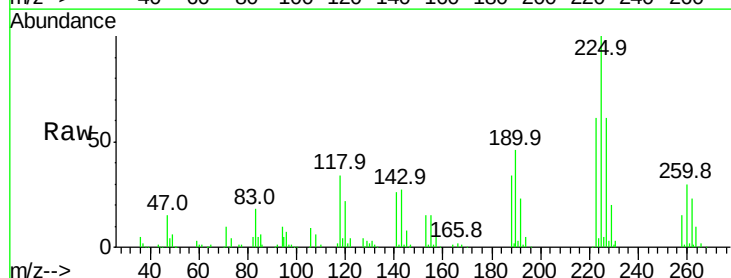


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

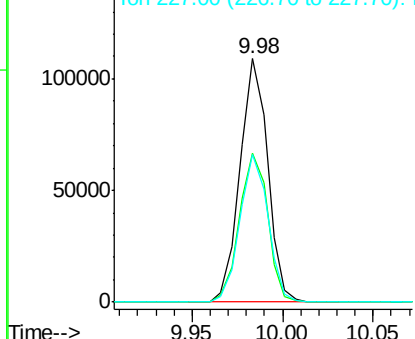
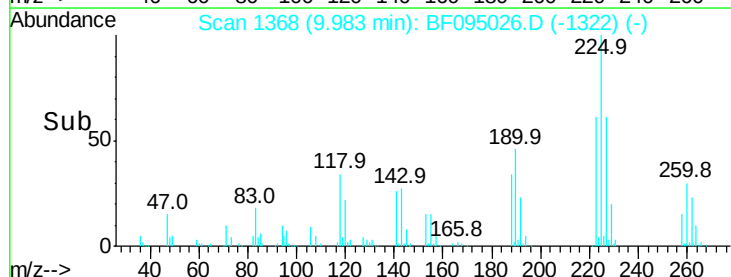


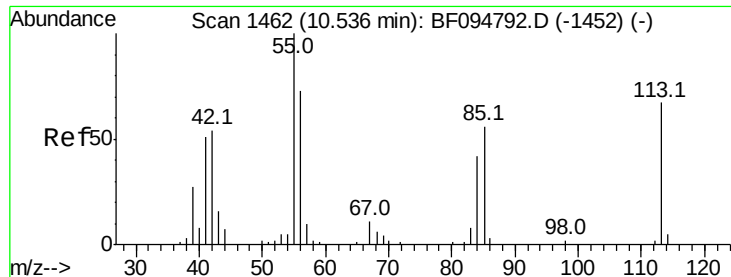
#34
 Hexachlorobutadiene
 Concen: 36.25 ng
 RT: 9.98 min Scan# 1368
 Delta R.T. -0.03 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:	225	Resp:	116086
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	60.6	51.1	76.7



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





#35

Caprolactam

Concen: 15.55 ng

RT: 10.59 min Scan# 1471

Delta R.T. 0.05 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

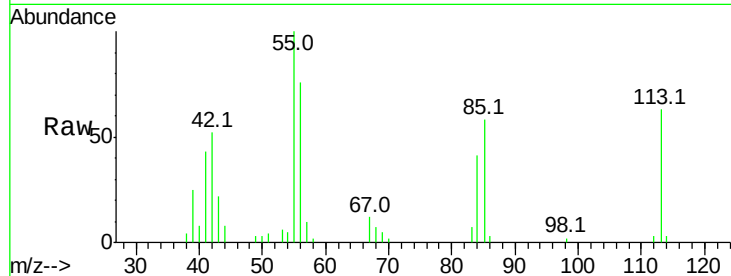
Tot Ion:113 Resp: 26445

Ion Ratio Lower Upper

113 100

55 159.9 150.2 190.2

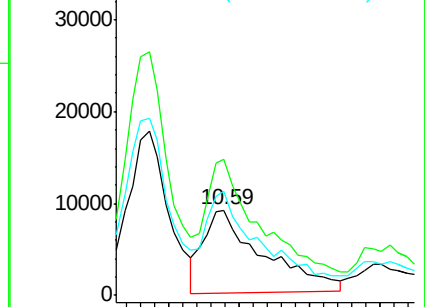
56 122.2 107.8 147.8



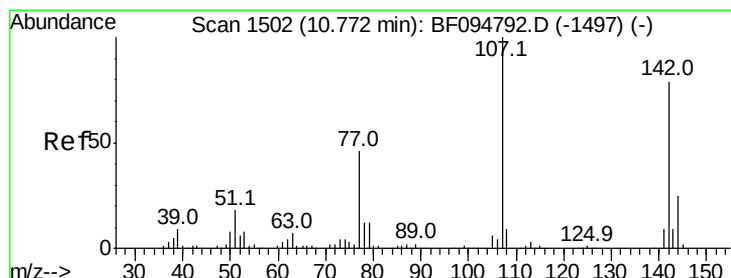
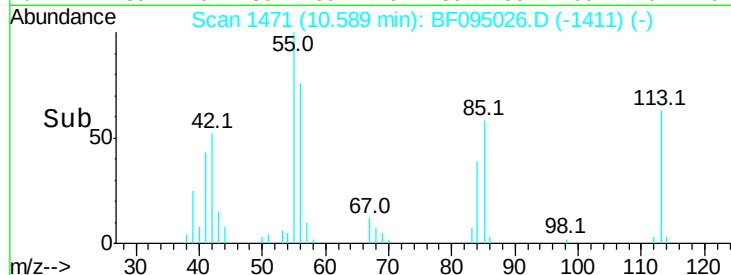
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 40.89 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

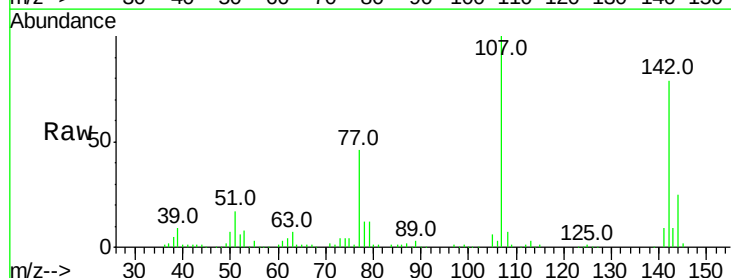
Tgt Ion:107 Resp: 247623

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

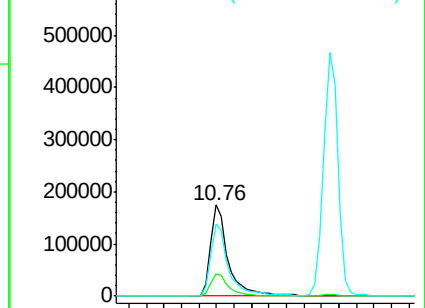
142 79.1 73.4 110.0



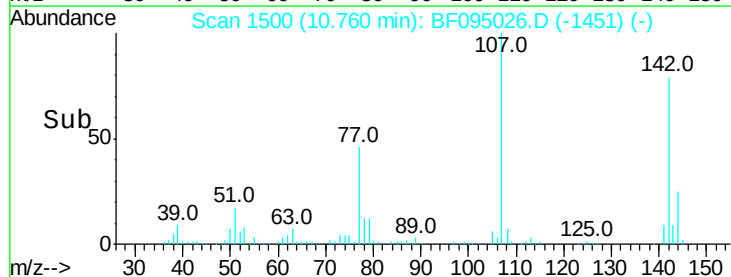
Abundance Ion 107.00 (106.70 to 107.70): E

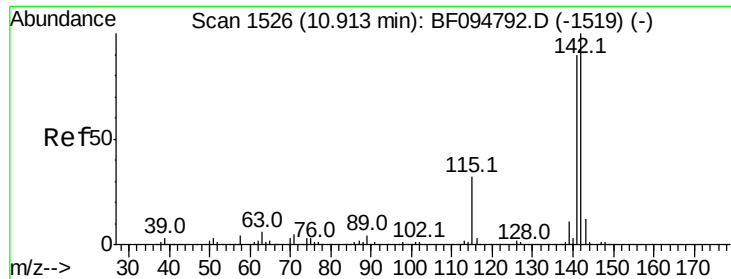
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

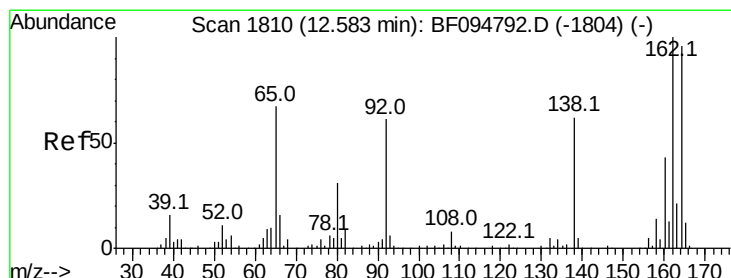
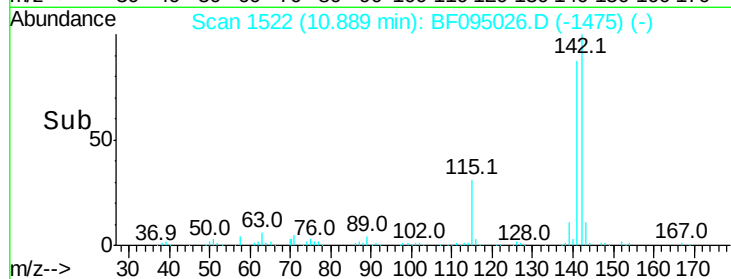
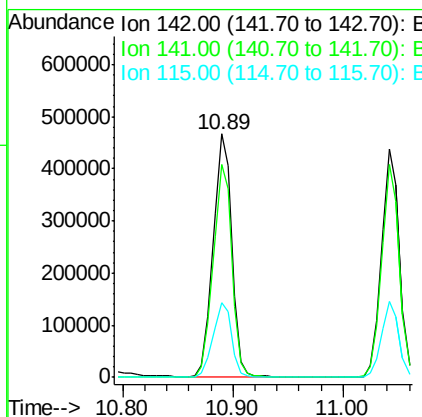
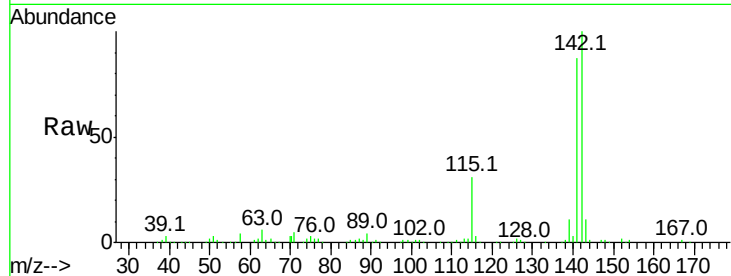




#37
 2-Methylnaphthalene
 Concen: 39.89 ng
 RT: 10.89 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

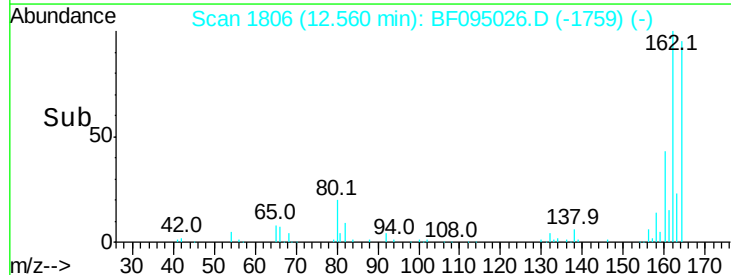
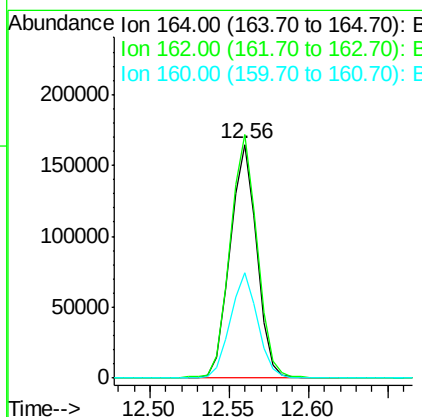
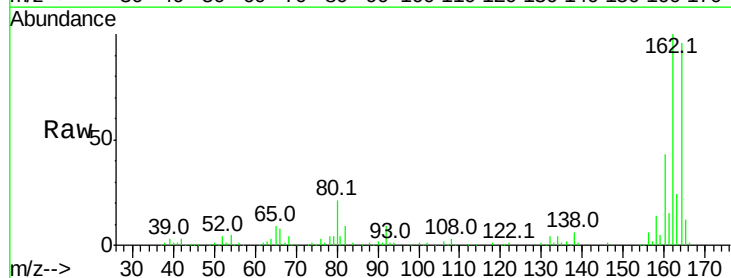
Instrument :
 BNA_F
 ClientSampleId :

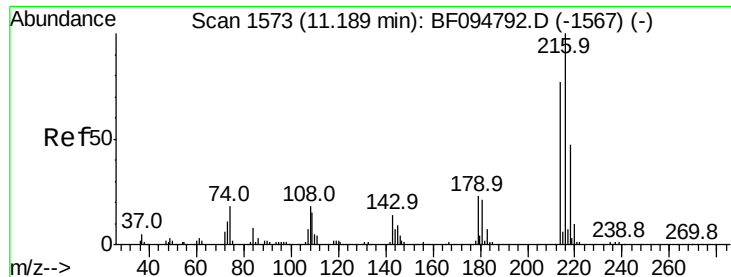
Tot Ion:142 Resp: 544321
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.3 106.9
 115 30.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:164 Resp: 191149
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.59 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF095026.D

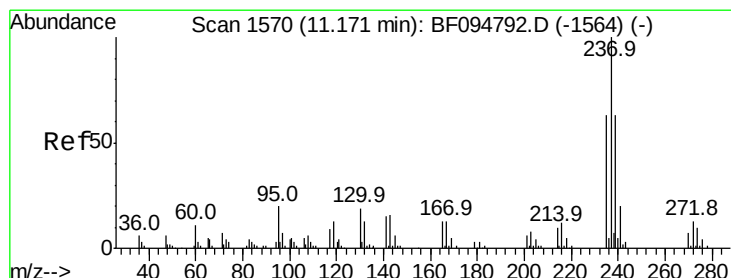
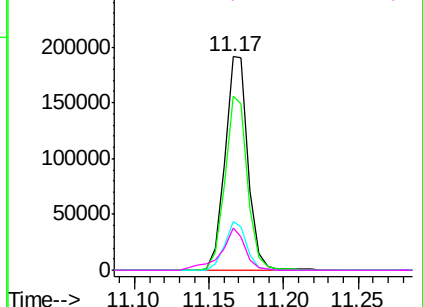
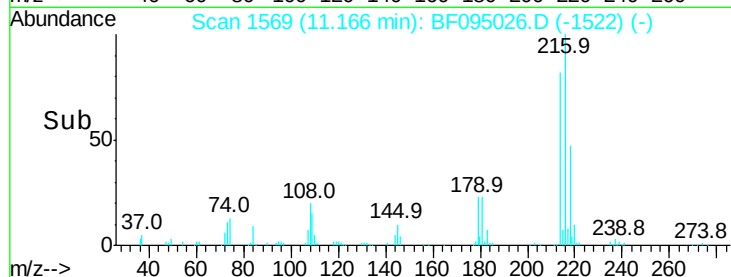
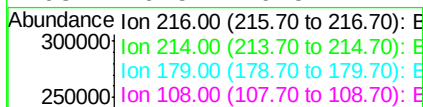
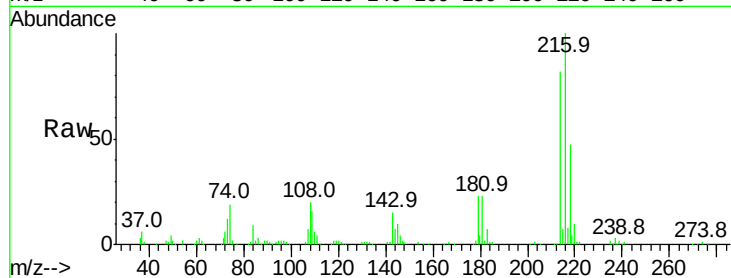
Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	209217
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	21.6	17.9	26.9
108	20.5	16.5	24.7



#40

Hexachlorocyclopentadiene

Concen: 69.76 ng

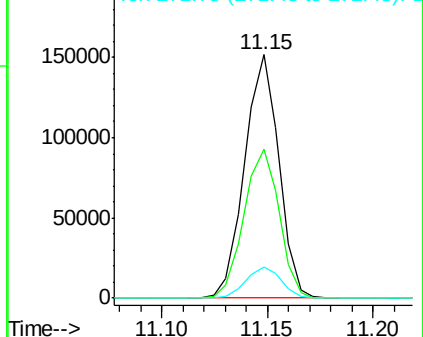
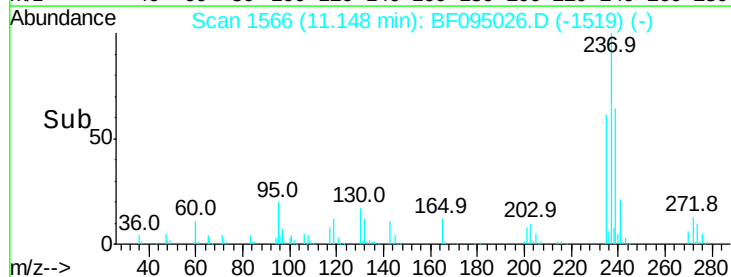
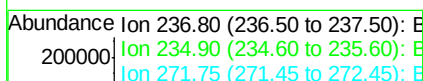
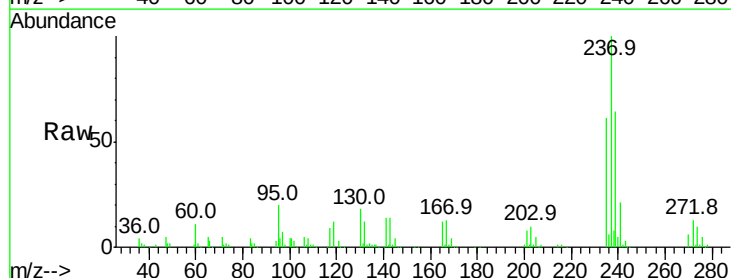
RT: 11.15 min Scan# 1566

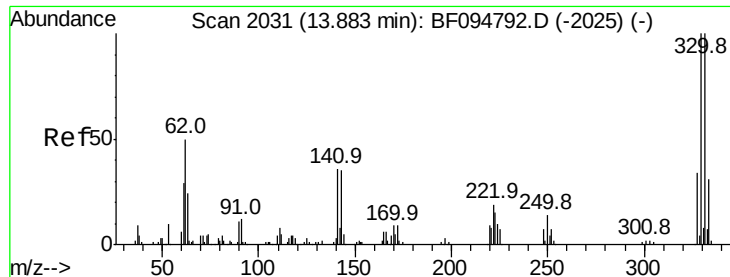
Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion:	237	Resp:	170333
Ion	Ratio	Lower	Upper
237	100		
235	61.3	42.6	82.6
272	12.6	0.0	31.9

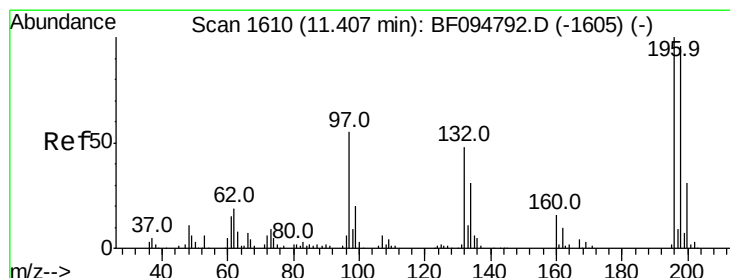
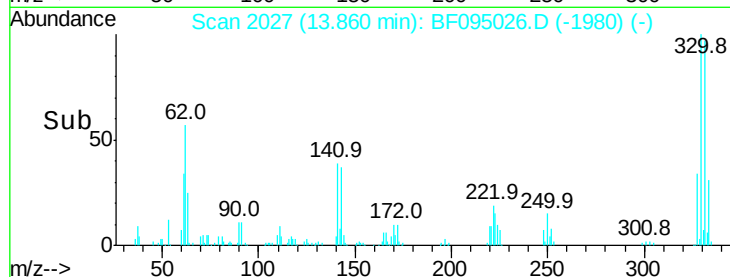
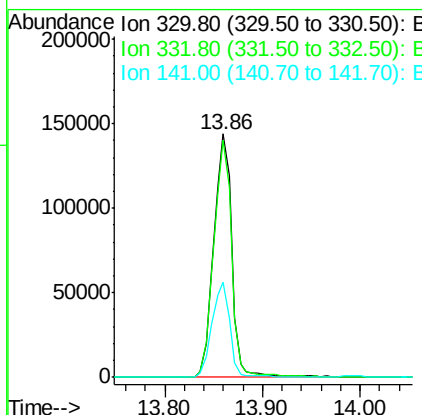
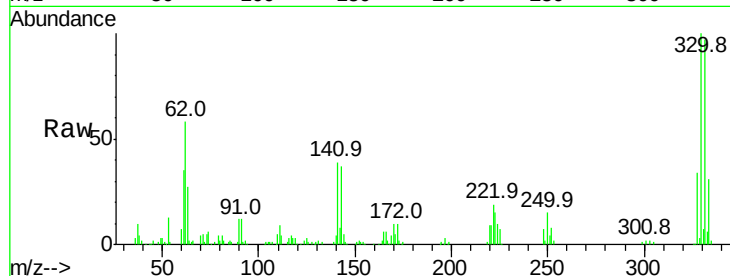




#41
 2,4,6-Tribromophenol
 Concen: 118.39 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

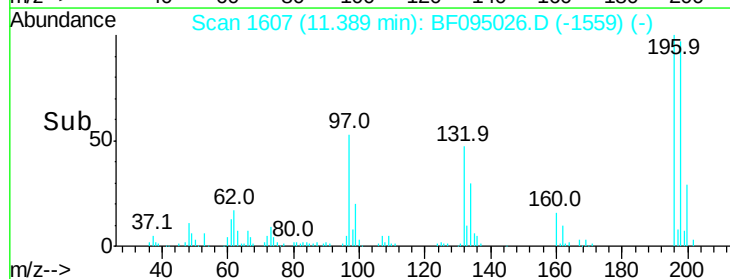
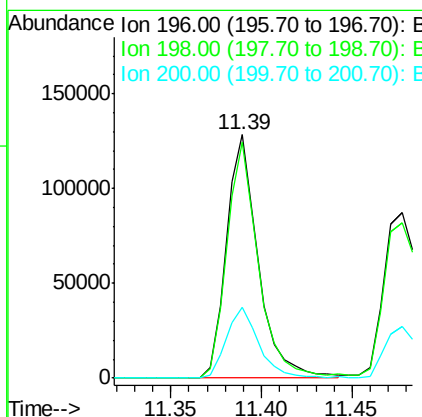
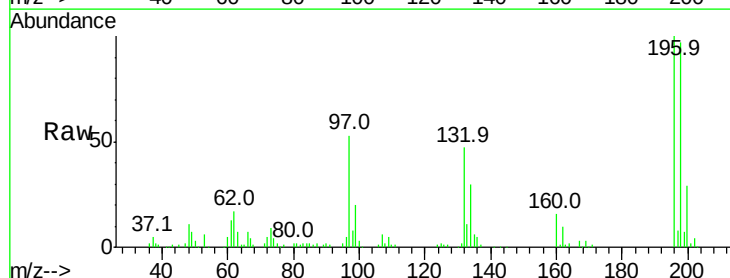
Instrument :
 BNA_F
 ClientSampled :

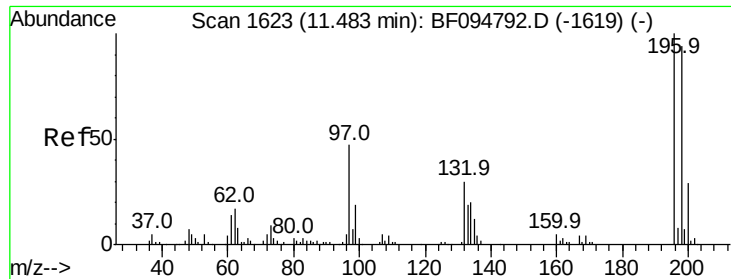
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.89 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.2	111.4
200	29.1	24.0	36.0

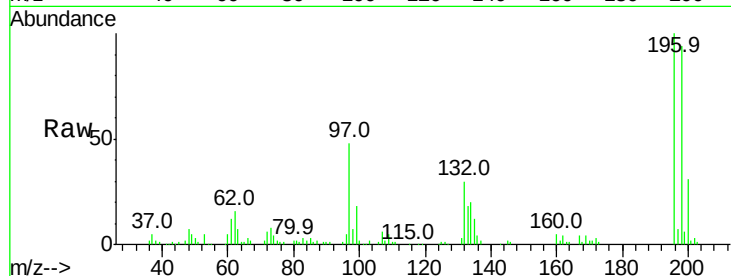




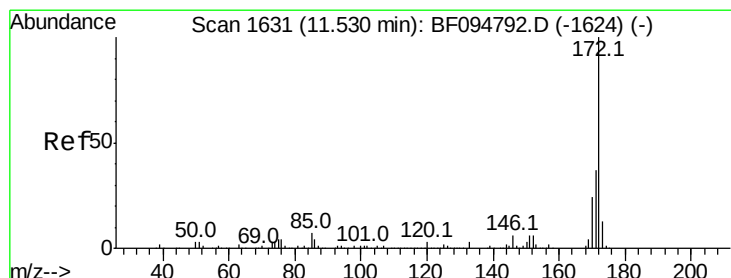
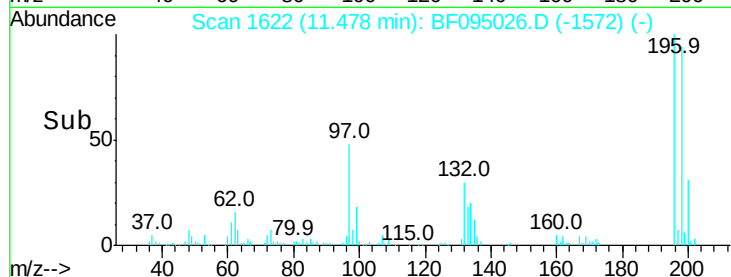
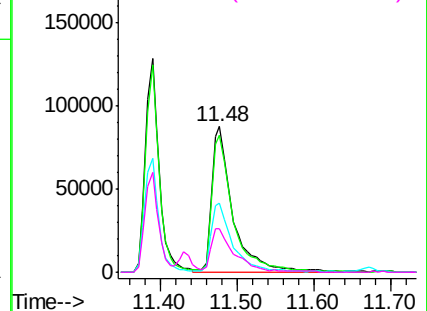
#43
 2,4,5-Trichlorophenol
 Concen: 38.49 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 162374
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 97 47.5 47.7 71.5#
 132 30.2 28.0 42.0

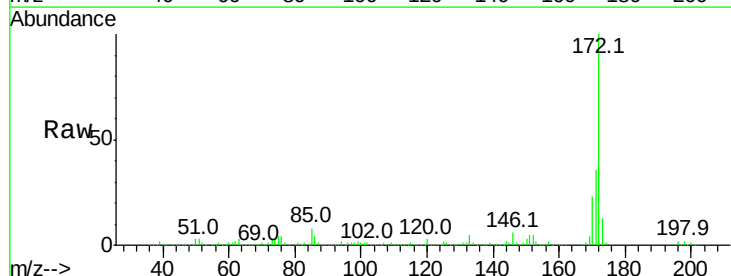


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

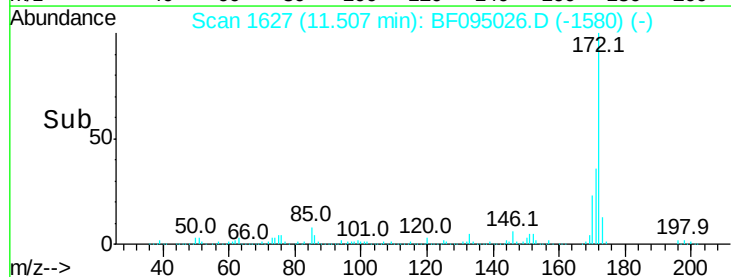
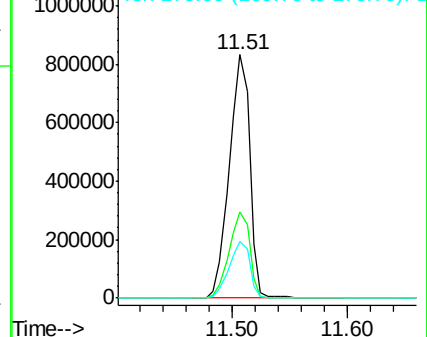


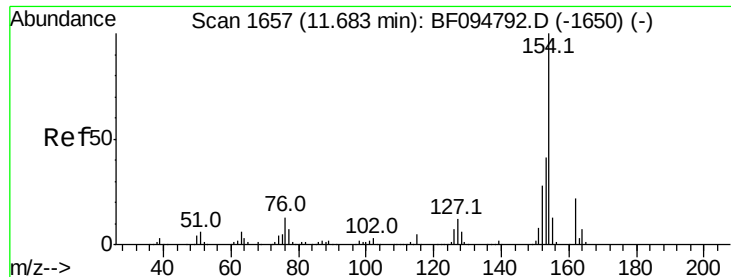
#44
 2-Fluorobiphenyl
 Concen: 77.22 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:172 Resp: 1025541
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.4 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 38.37 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

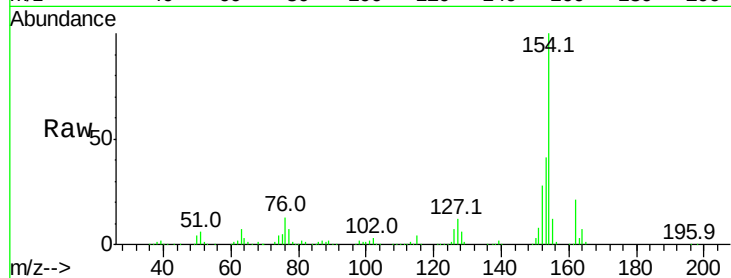
Tot Ion:154 Resp: 617587

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

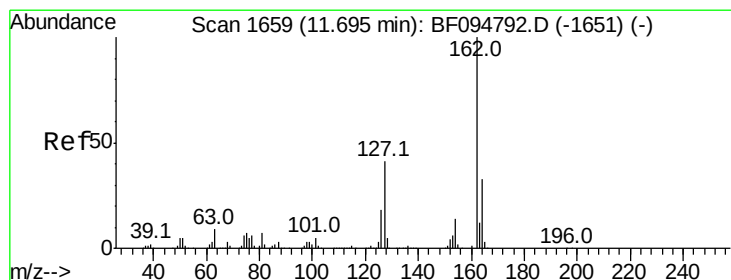
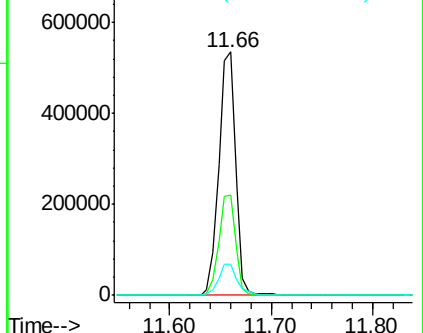
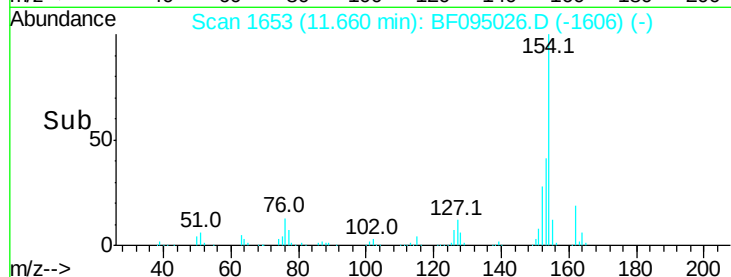
76 12.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.96 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

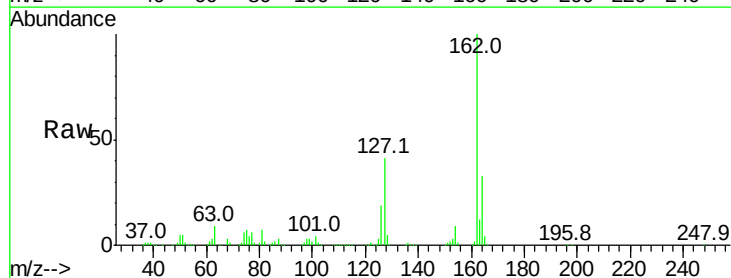
Tgt Ion:162 Resp: 493294

Ion Ratio Lower Upper

162 100

127 40.9 28.3 42.5

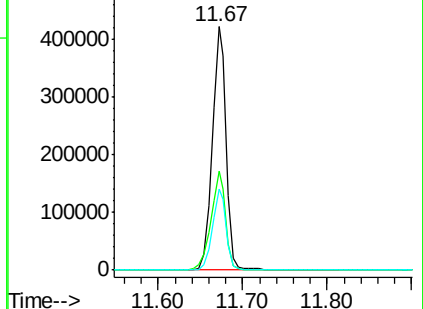
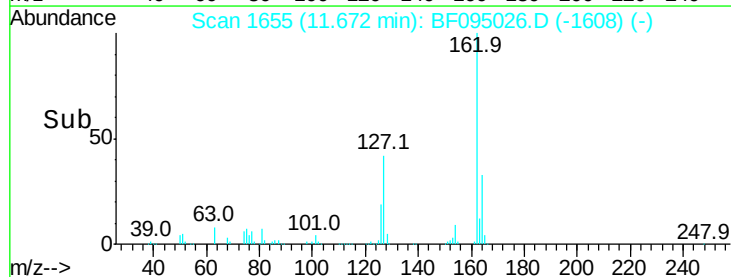
164 33.2 27.0 40.4

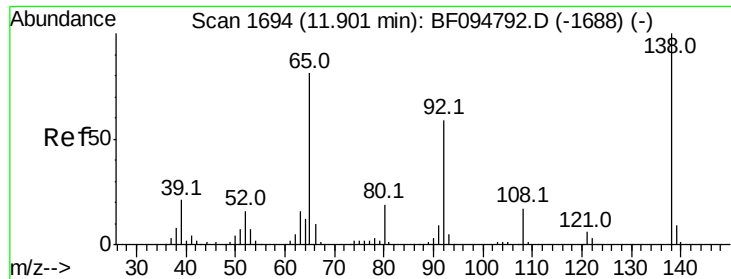


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

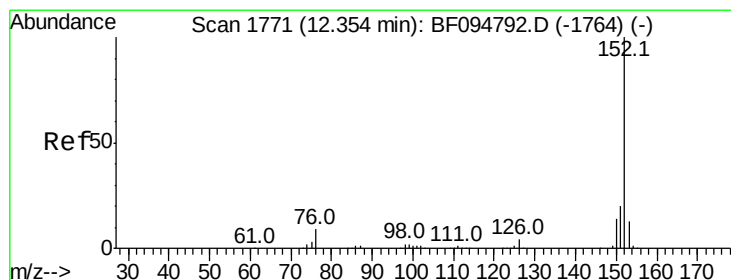
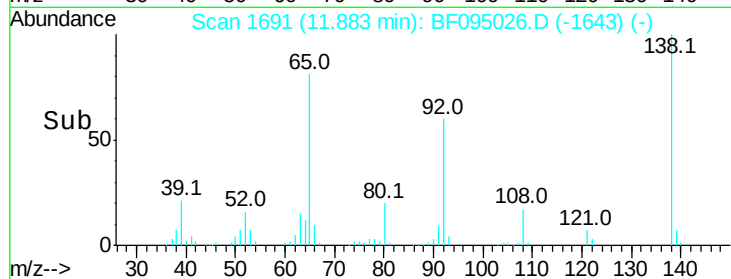
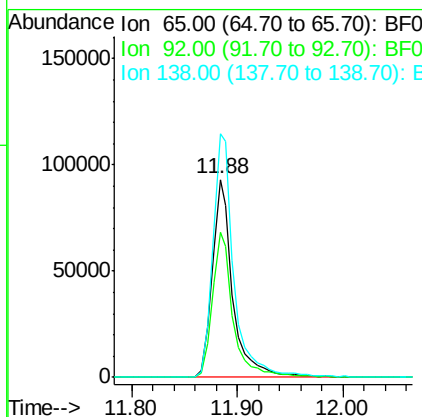
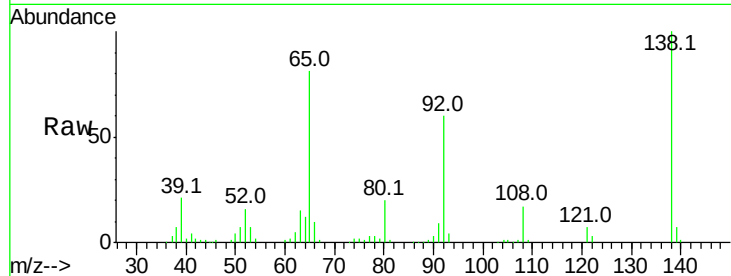




#47
 2-Nitroaniline
 Concen: 35.89 ng
 RT: 11.88 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

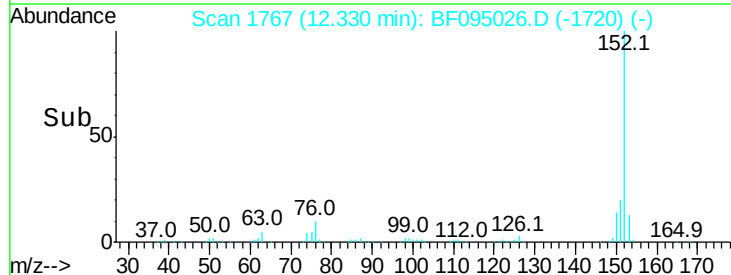
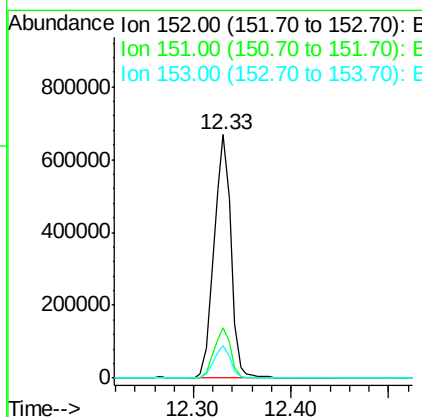
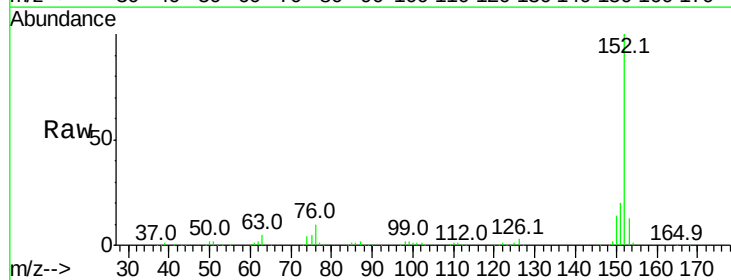
Instrument :
 BNA_F
 ClientSampled :

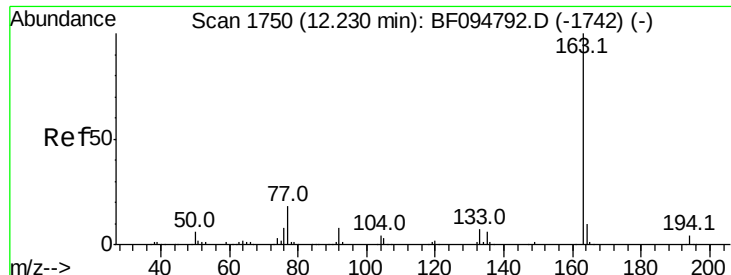
Tot Ion: 65 Resp: 127661
 Ion Ratio Lower Upper
 65 100
 92 73.6 53.9 80.9
 138 123.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.36 ng
 RT: 12.33 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:152 Resp: 801147
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 38.08 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampled :

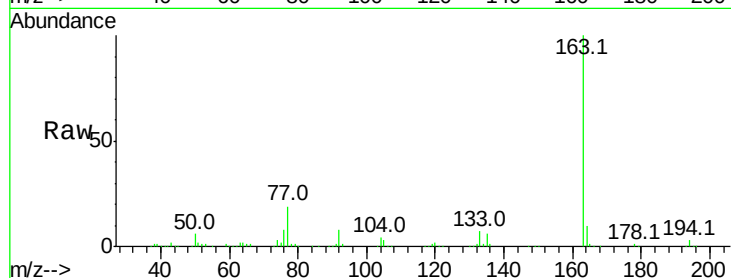
Tot Ion:163 Resp: 597628

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

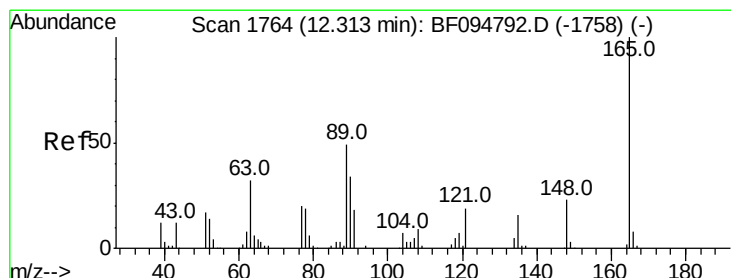
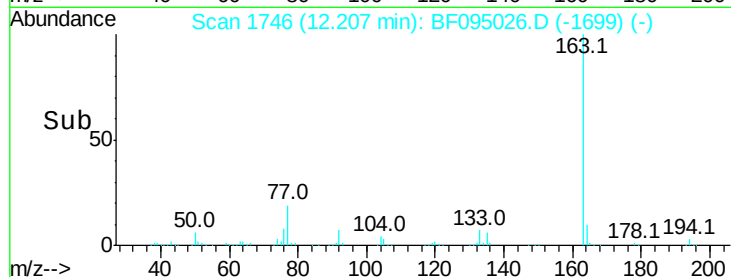
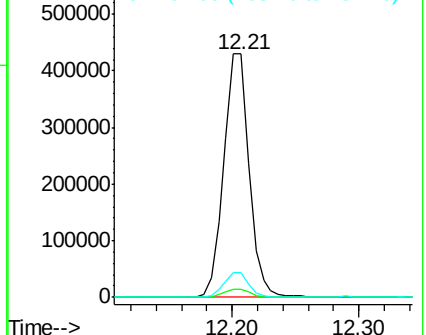
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.49 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

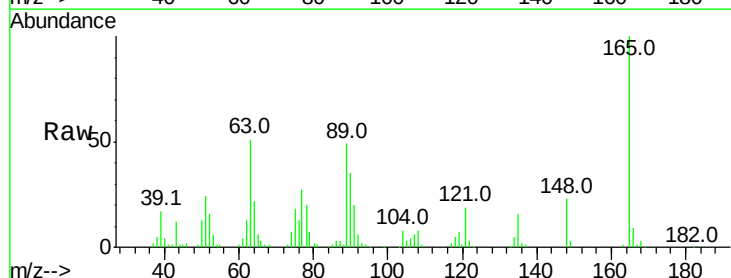
Tgt Ion:165 Resp: 129628

Ion Ratio Lower Upper

165 100

63 50.9 34.3 51.5

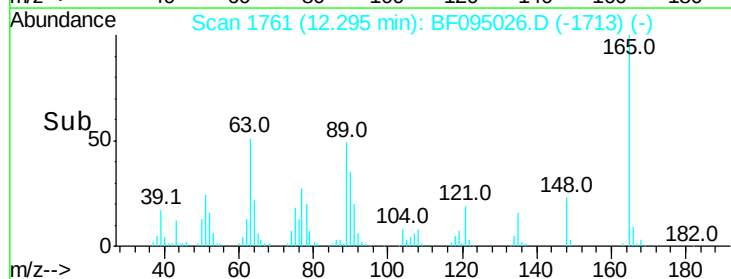
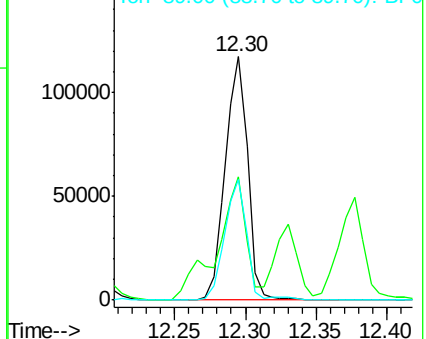
89 49.4 37.1 55.7

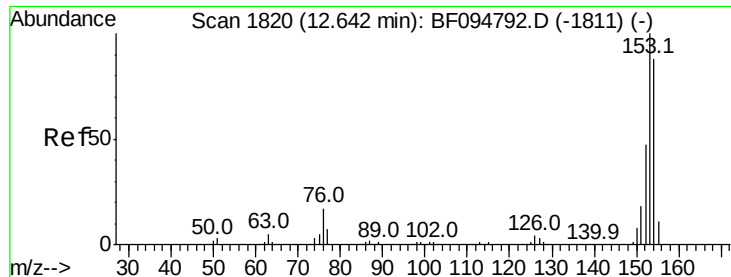


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.91 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

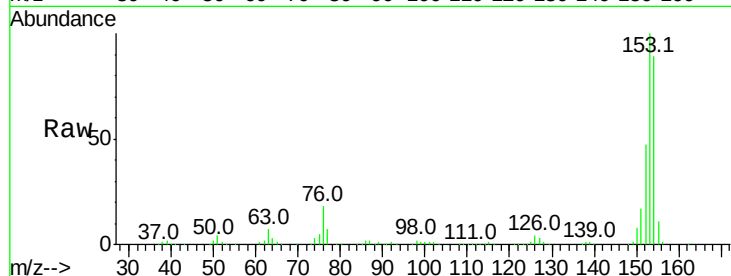
Tot Ion:154 Resp: 472998

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

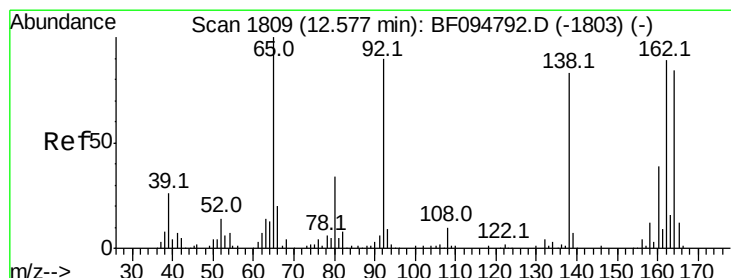
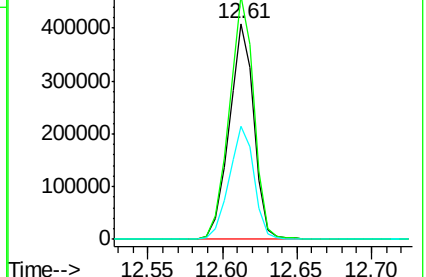
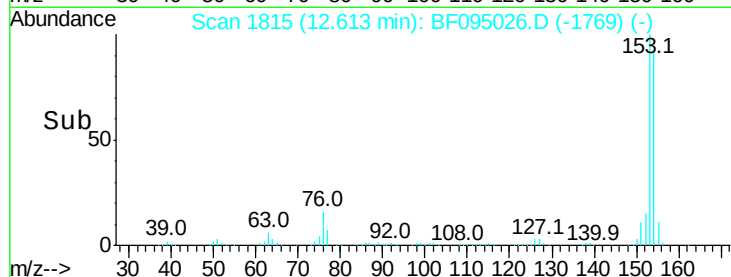
152 52.7 43.6 65.4



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



#52

3-Nitroaniline

Concen: 18.09 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

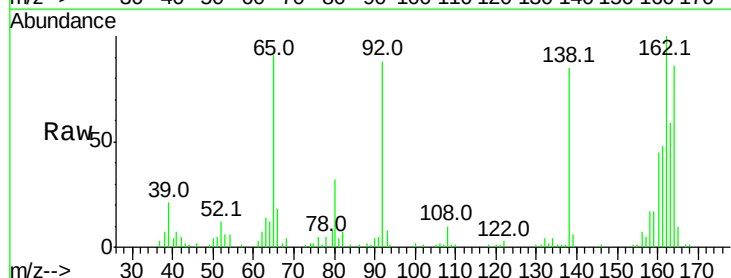
Tgt Ion:138 Resp: 62165

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

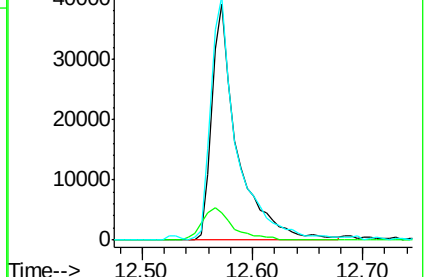
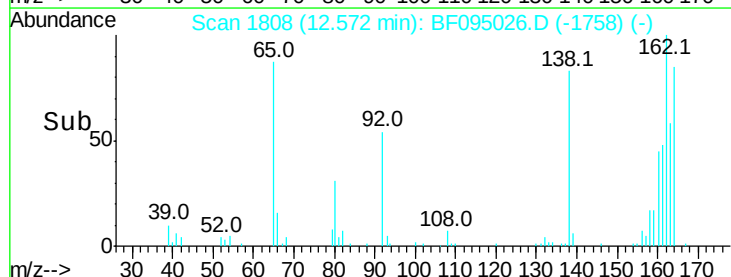
92 103.4 93.8 140.6

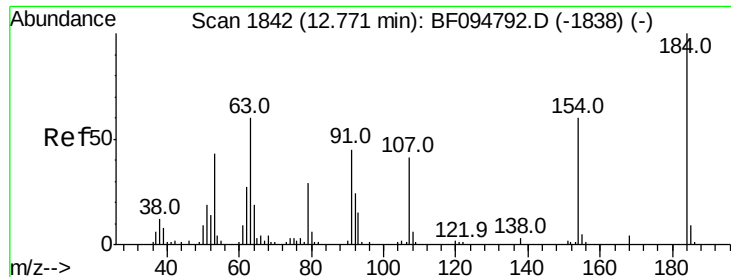


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

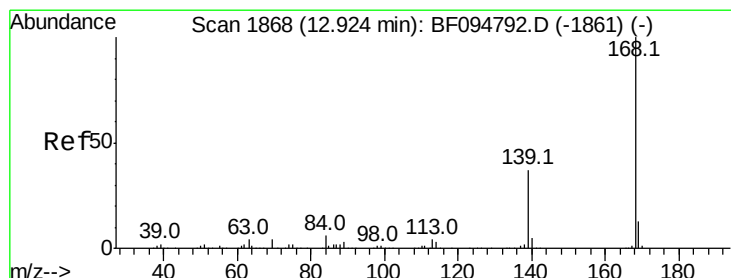
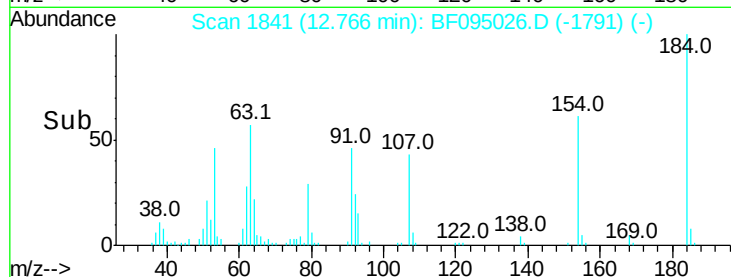
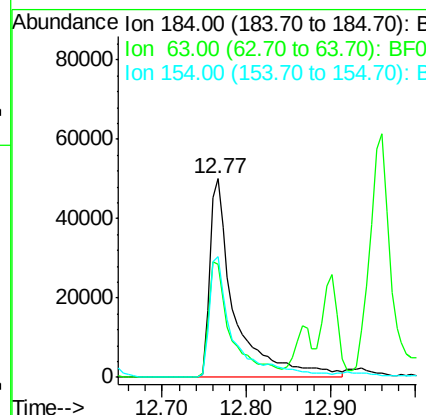
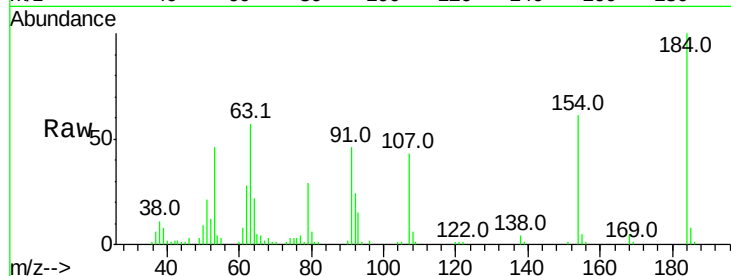




#53
 2,4-Dinitrophenol
 Concen: 59.74 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

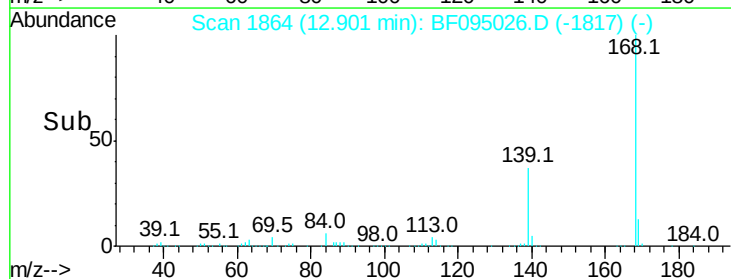
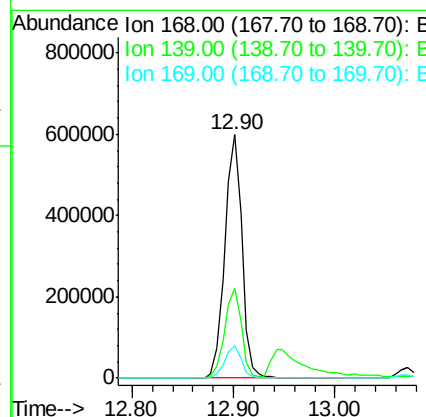
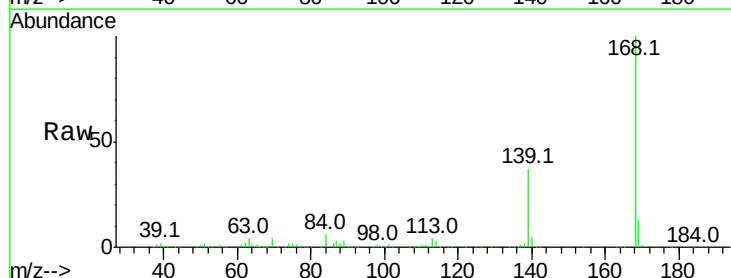
Instrument :
 BNA_F
 ClientSampleId :

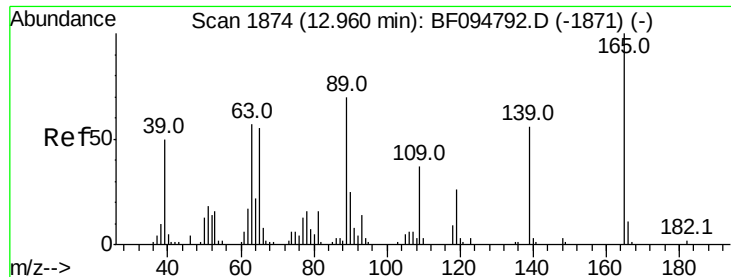
Tot Ion:184 Resp: 102317
 Ion Ratio Lower Upper
 184 100
 63 57.0 62.7 94.1#
 154 60.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.81 ng
 RT: 12.90 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:168 Resp: 703448
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.6 45.8
 169 13.3 10.8 16.2

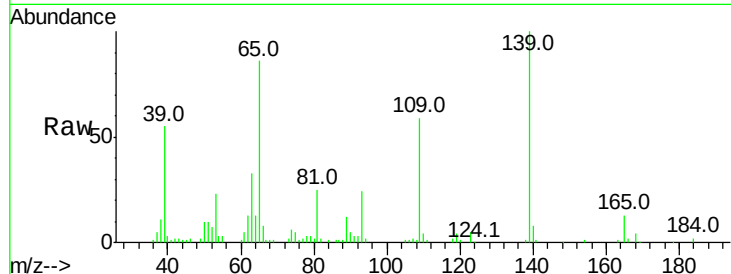




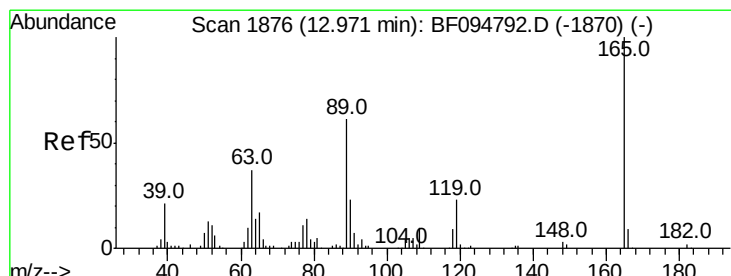
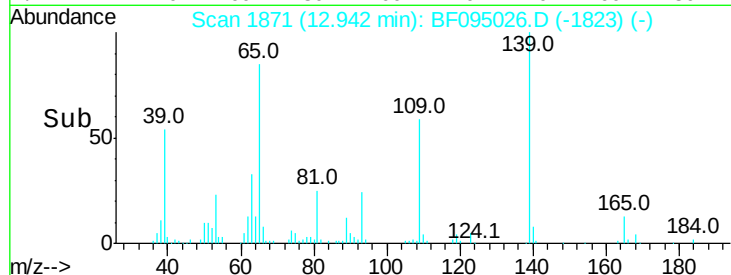
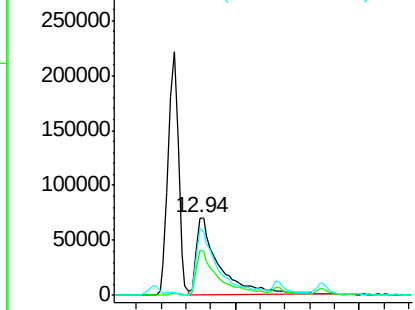
#55
4-Nitrophenol
Concen: 89.17 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 184031
Ion Ratio Lower Upper
139 100
109 58.8 34.1 74.1
65 86.5 31.4 71.4#

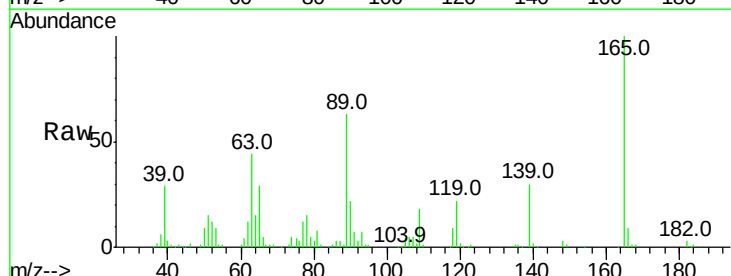


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

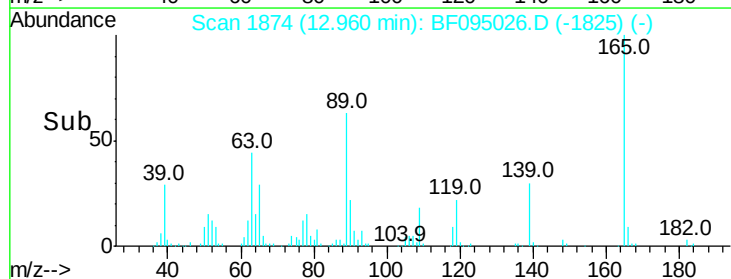
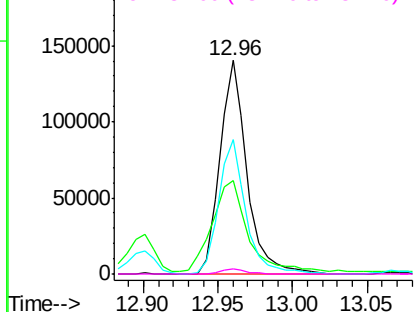


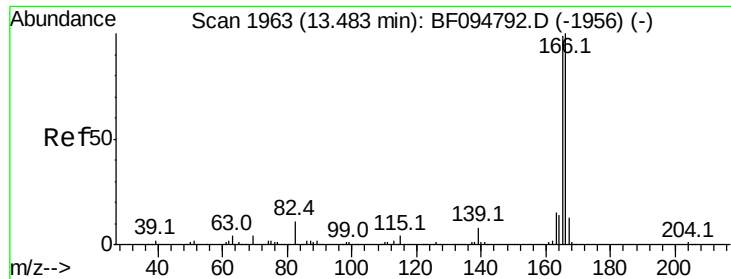
#56
2,4-Dinitrotoluene
Concen: 43.36 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion:165 Resp: 178369
Ion Ratio Lower Upper
165 100
63 43.7 25.4 38.0#
89 63.2 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

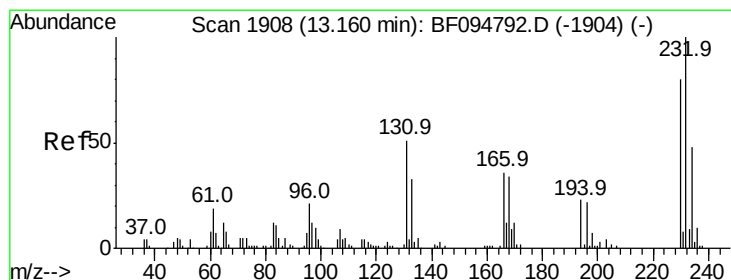
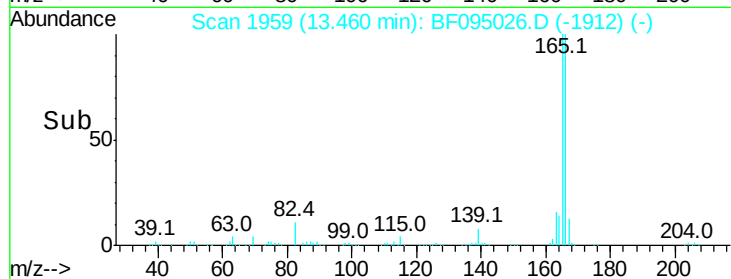
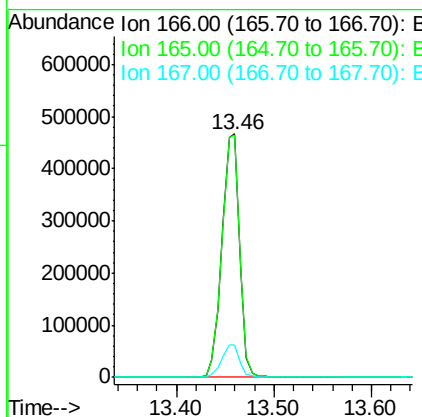
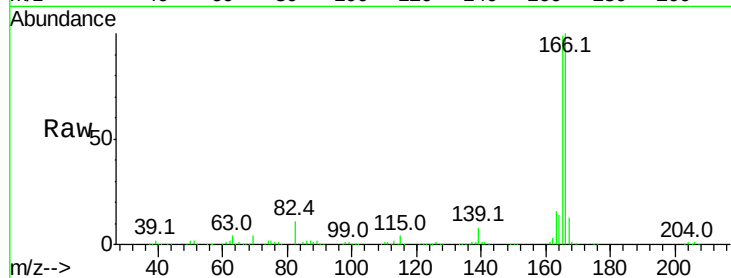




#57
 Fluorene
 Concen: 39.85 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

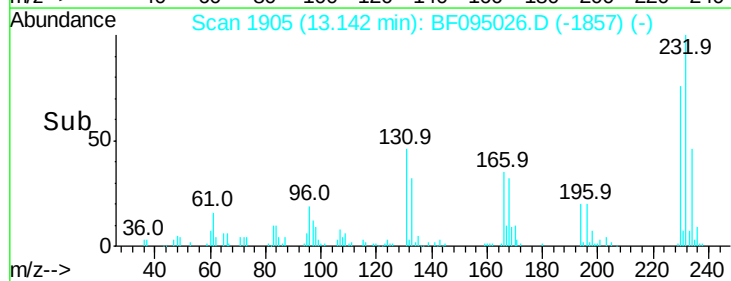
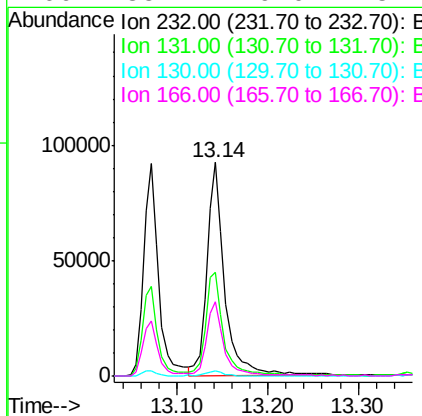
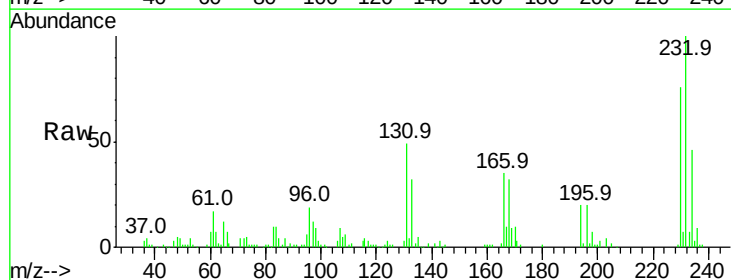
Instrument :
 BNA_F
 ClientSampleId :

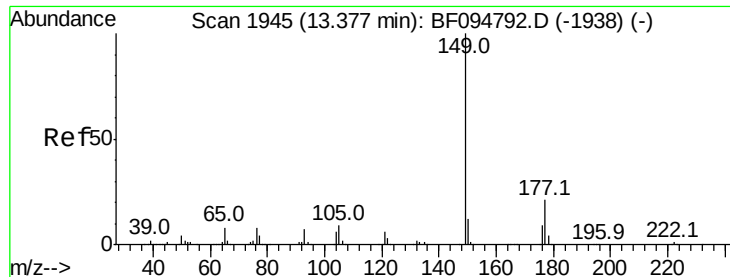
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.94 ng
 RT: 13.14 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.2	44.8	67.2
130	2.4	2.3	3.5
166	35.7	29.0	43.4





#59

Diethylphthalate

Concen: 37.40 ng

RT: 13.35 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

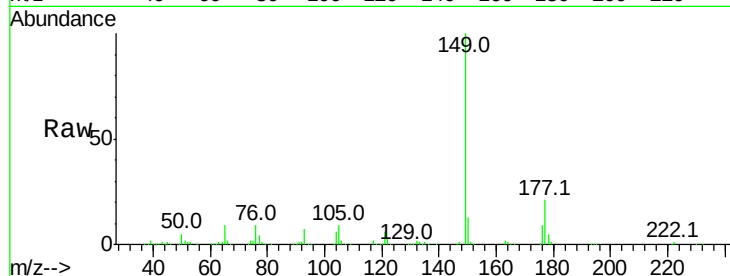
Tot Ion:149 Resp: 562565

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

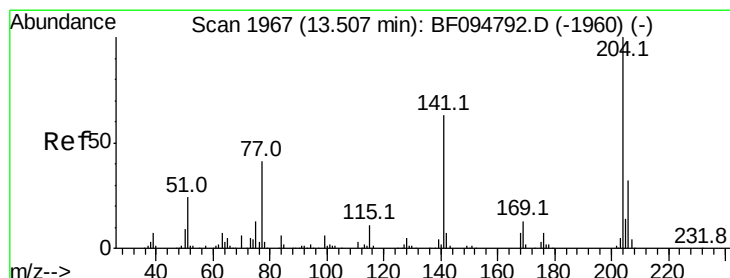
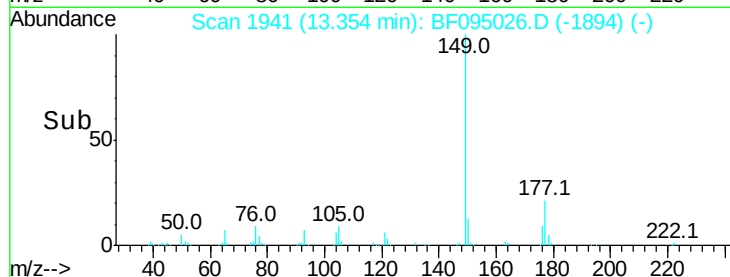
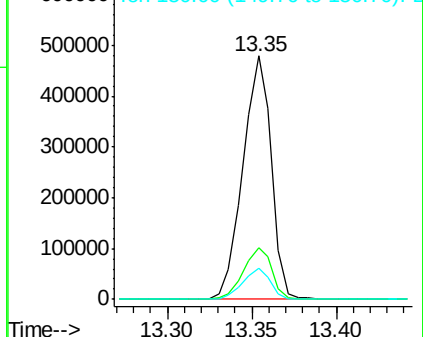
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.87 ng

RT: 13.48 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

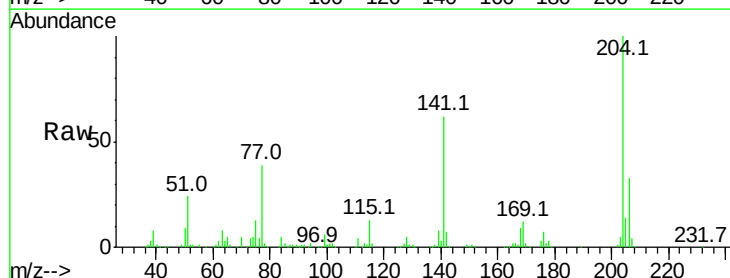
Tgt Ion:204 Resp: 256324

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

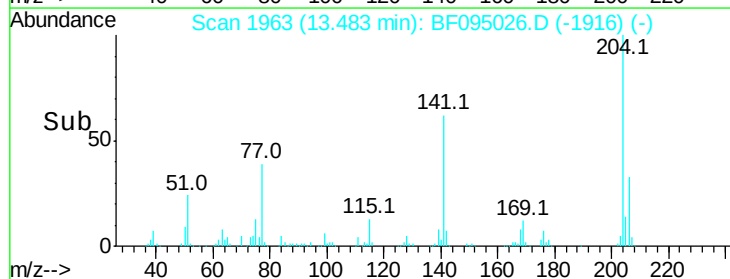
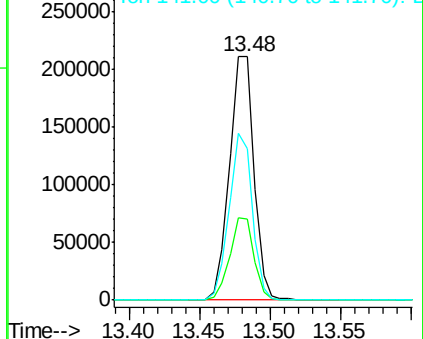
141 62.3 60.8 91.2

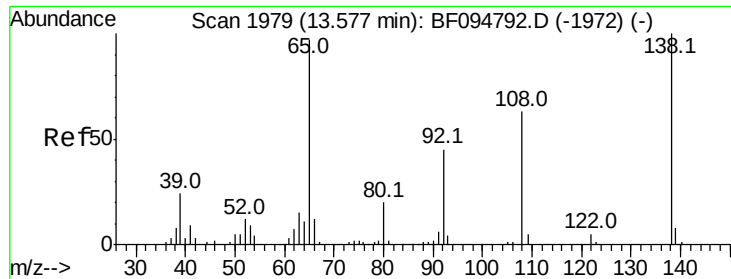


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

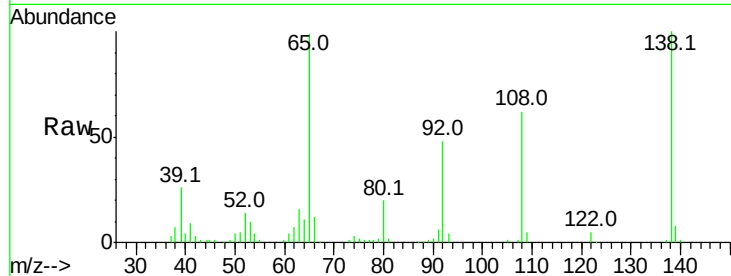




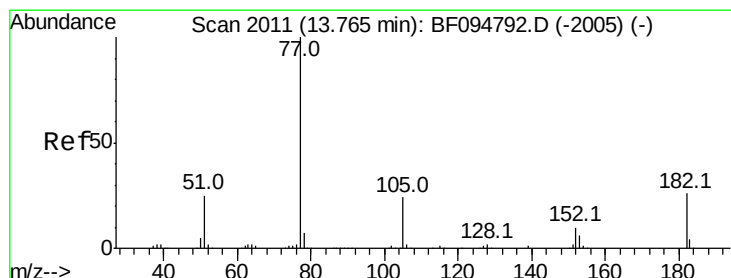
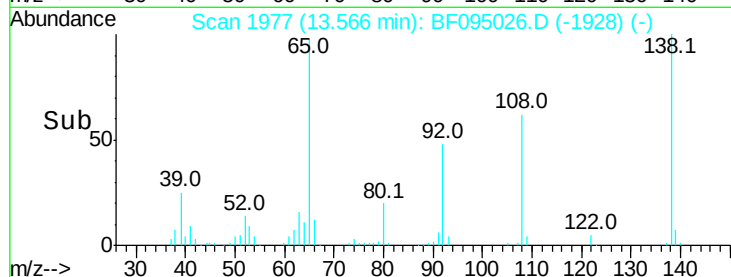
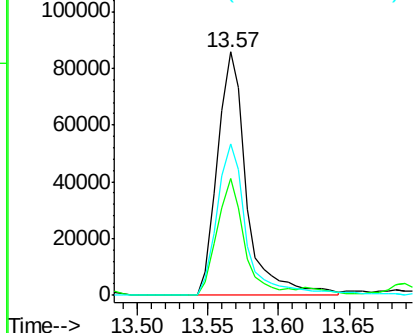
#61
4-Nitroaniline
Concen: 39.29 ng
RT: 13.57 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 123924
Ion Ratio Lower Upper
138 100
92 47.9 21.8 61.8
108 62.1 42.3 82.3

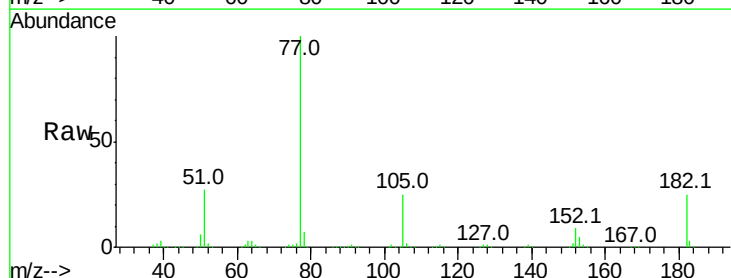


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

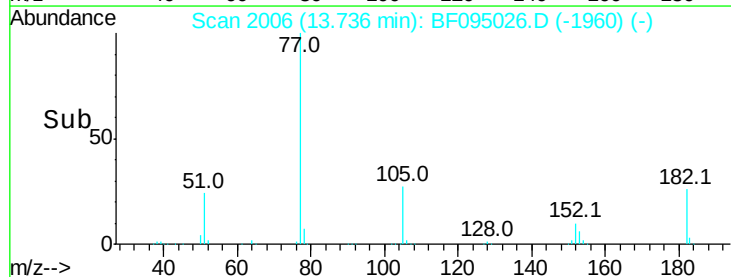
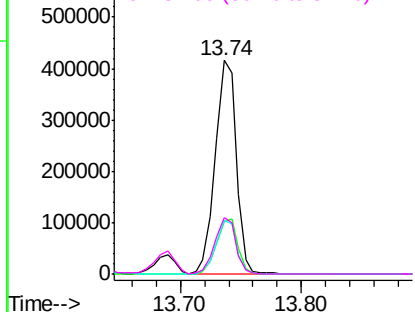


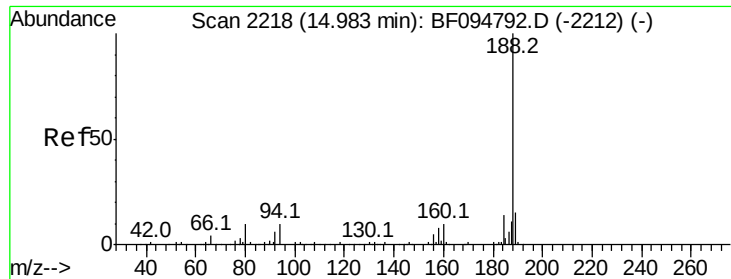
#62
Azobenzene
Concen: 41.12 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion: 77 Resp: 497031
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 24.9 3.6 43.6
51 26.7 9.4 49.4



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

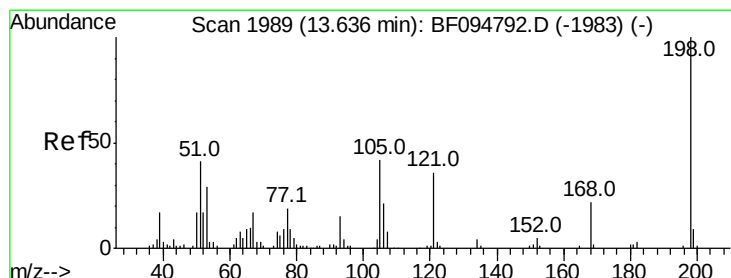
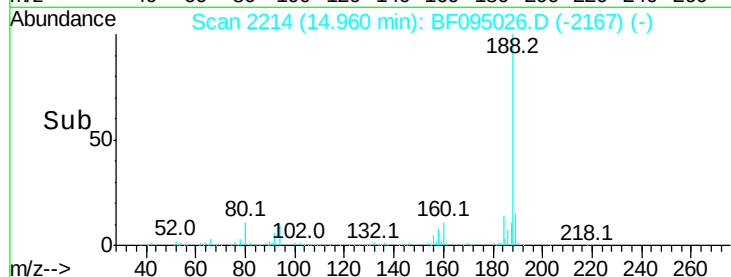
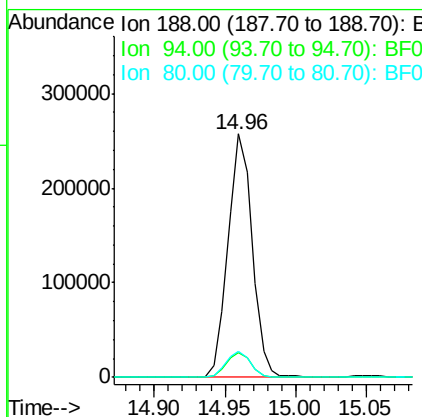
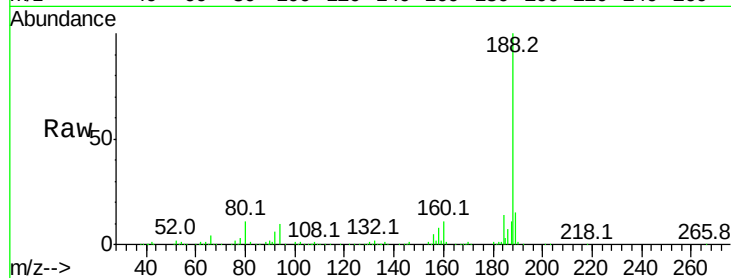




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

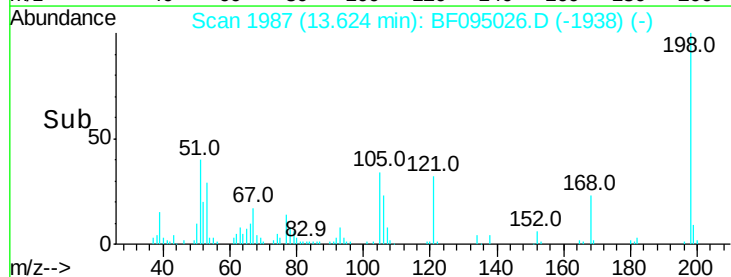
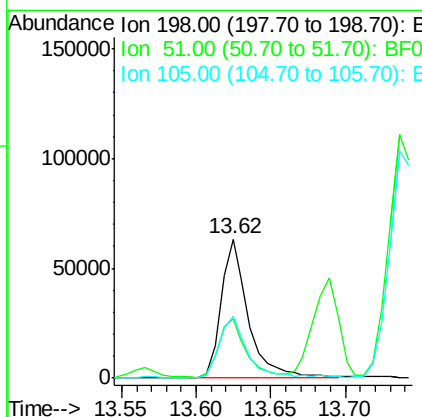
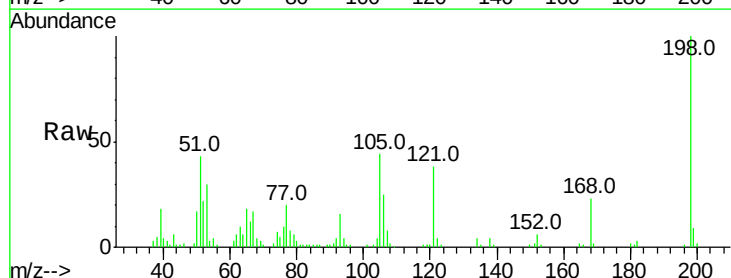
Instrument :
 BNA_F
 ClientSampleId :

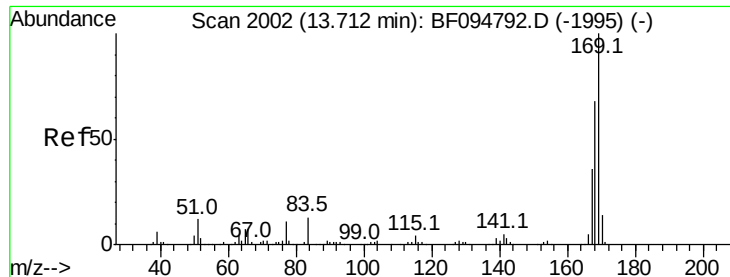
Tot Ion:188 Resp: 308493
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.7 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.28 ng
 RT: 13.62 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:198 Resp: 81236
 Ion Ratio Lower Upper
 198 100
 51 43.0 53.2 93.2#
 105 44.1 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 40.34 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

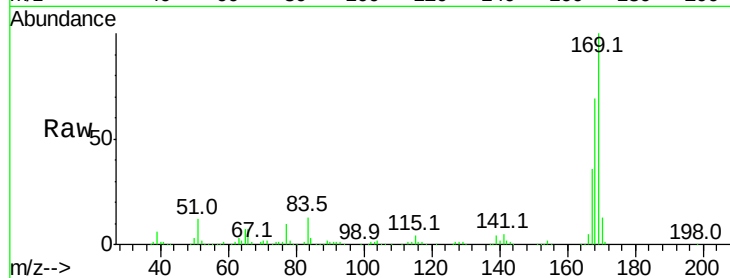
Tot Ion:169 Resp: 451616

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

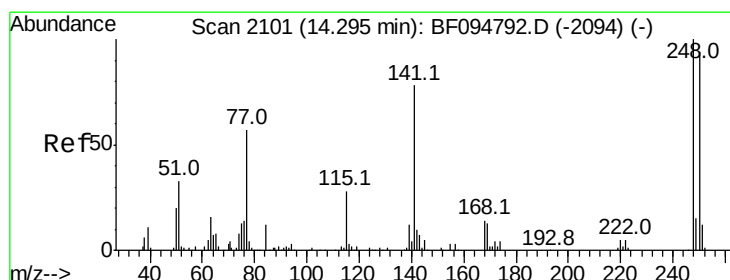
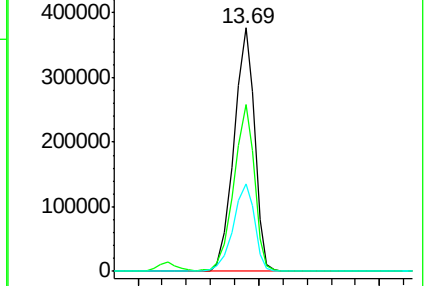
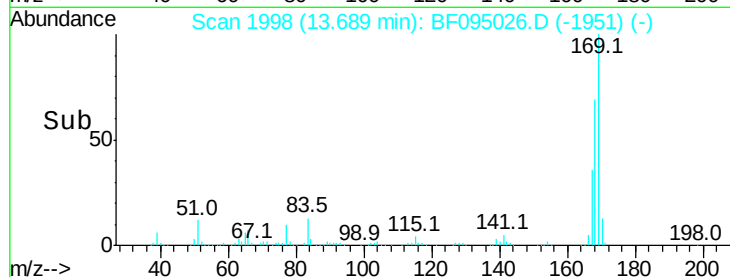
167 35.9 29.5 44.3



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: 43.78 ng

RT: 14.27 min Scan# 2096

Delta R.T. -0.03 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

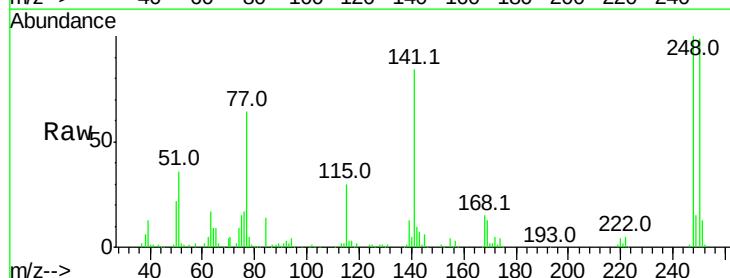
Tgt Ion:248 Resp: 142675

Ion Ratio Lower Upper

248 100

250 99.1 76.8 115.2

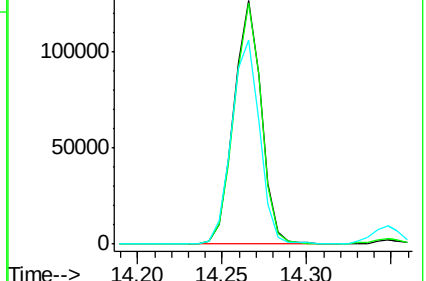
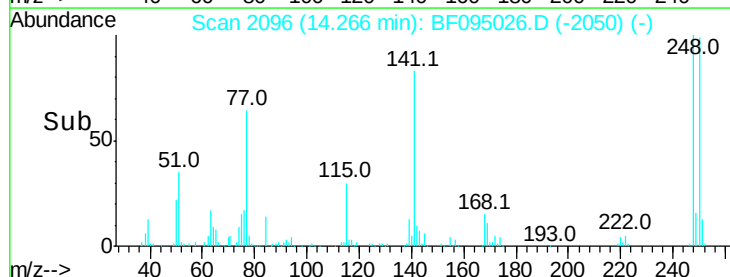
141 83.9 68.6 103.0

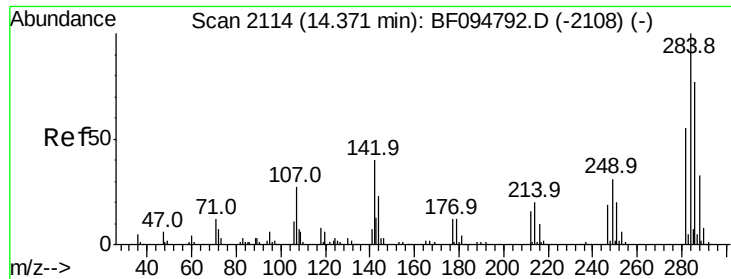


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.45 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

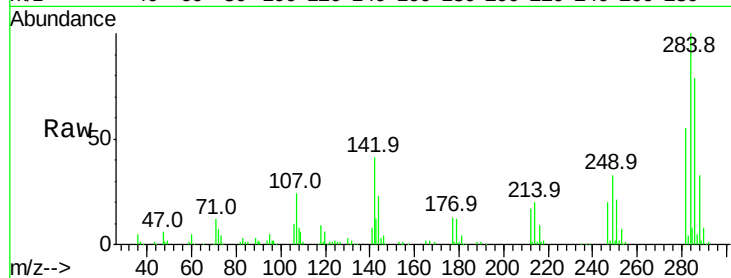
Tot Ion:284 Resp: 141794

Ion Ratio Lower Upper

284 100

142 41.0 22.8 34.2#

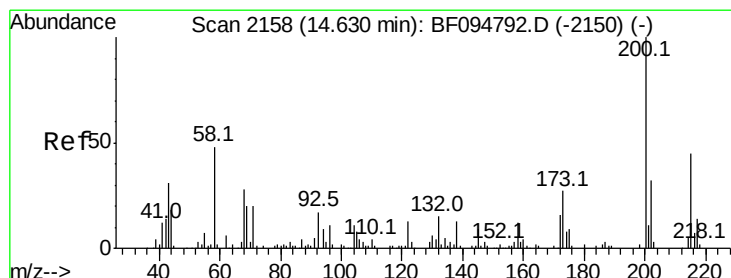
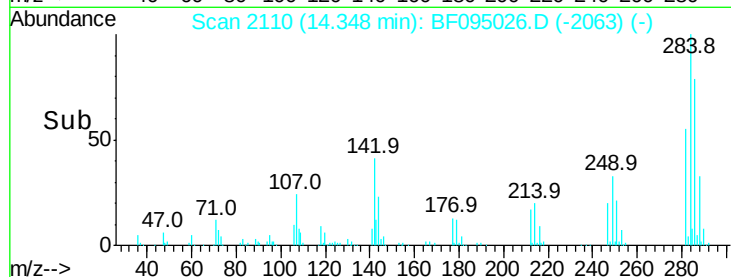
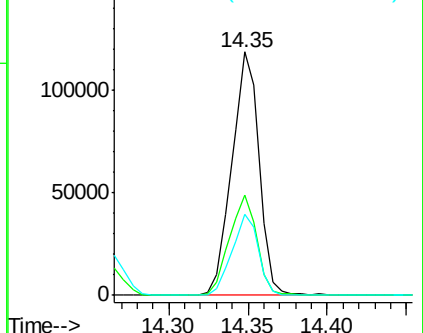
249 33.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.28 ng

RT: 14.61 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

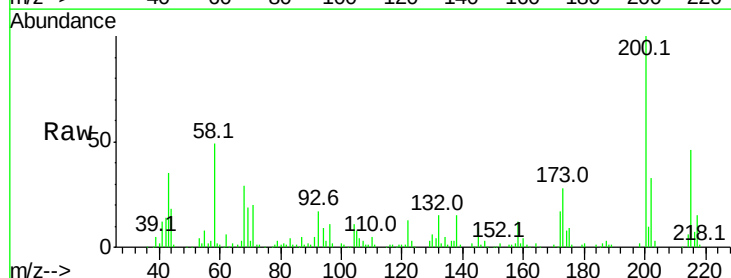
Tgt Ion:200 Resp: 146315

Ion Ratio Lower Upper

200 100

173 28.0 6.3 46.3

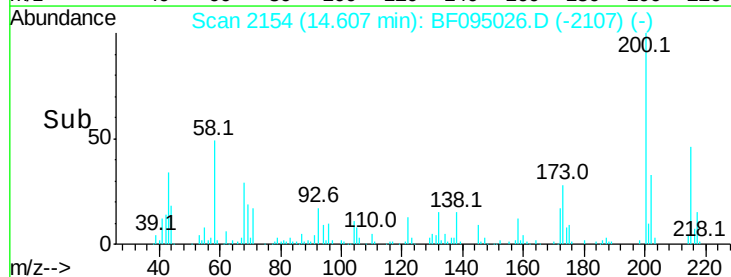
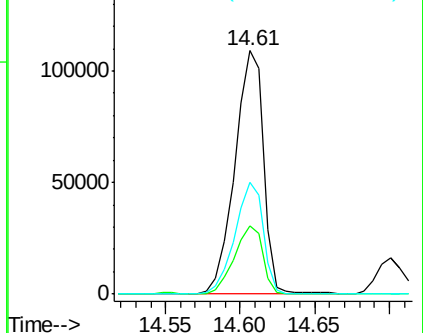
215 46.0 27.2 67.2

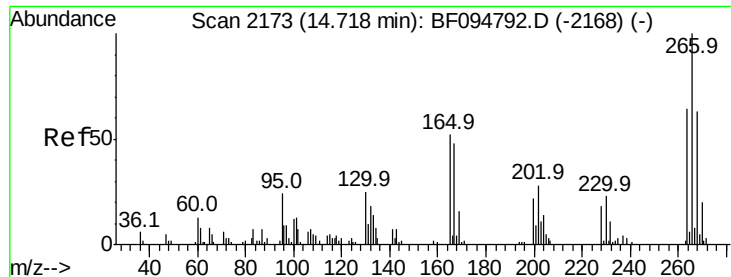


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

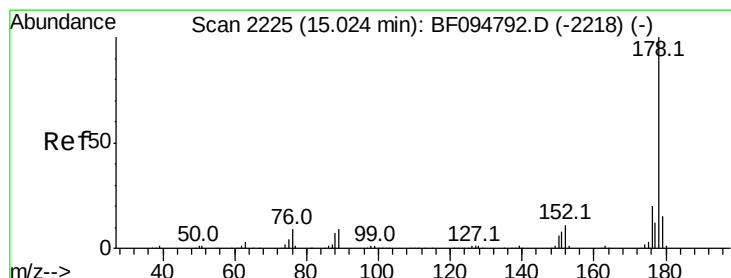
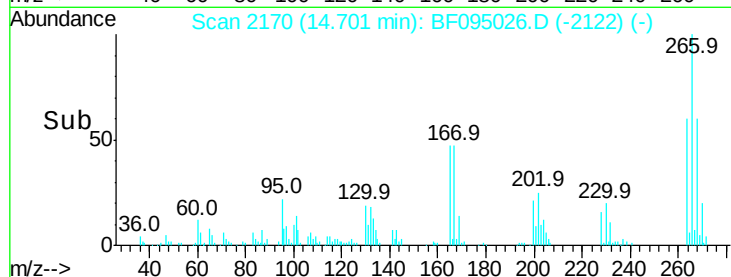
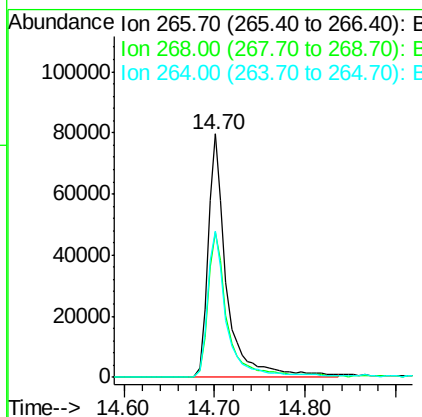
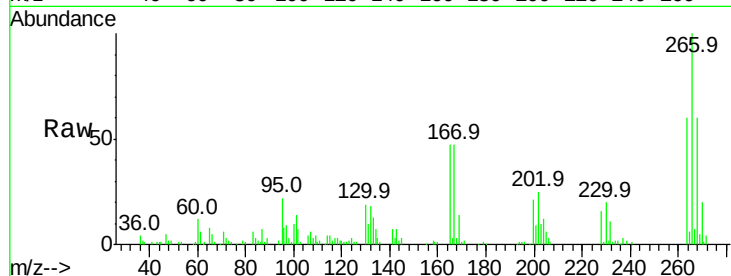




#69
 Pentachlorophenol
 Concen: 76.69 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

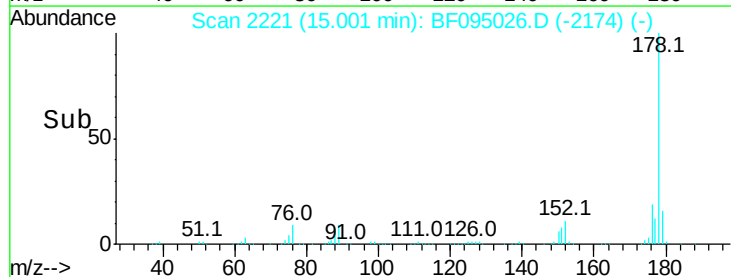
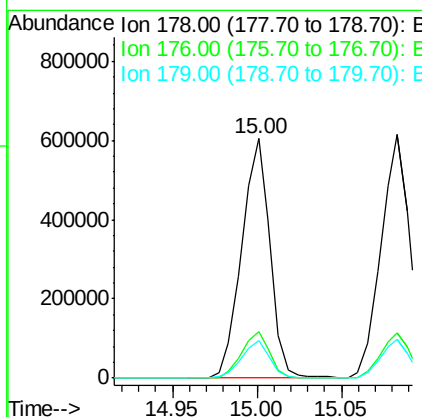
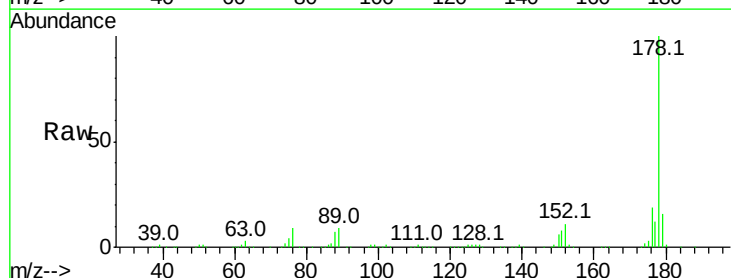
Instrument :
 BNA_F
 ClientSampleId :

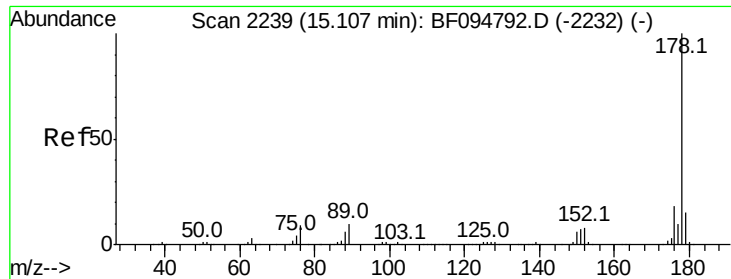
Tot Ion:266 Resp: 115417
 Ion Ratio Lower Upper
 266 100
 268 59.8 51.1 76.7
 264 60.0 51.7 77.5



#70
 Phenanthrene
 Concen: 39.88 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:178 Resp: 706813
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.6 12.6 19.0

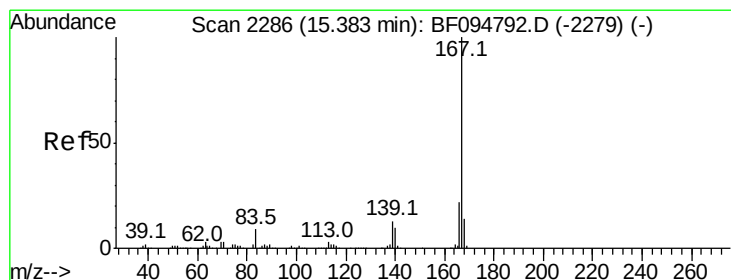
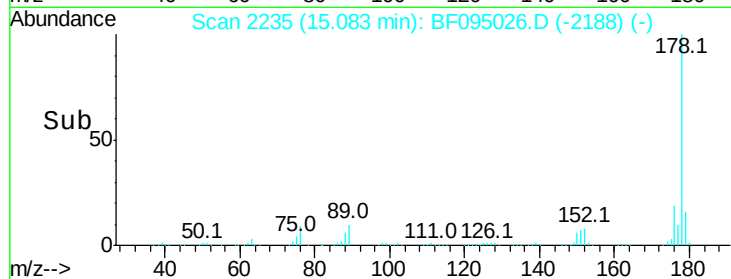
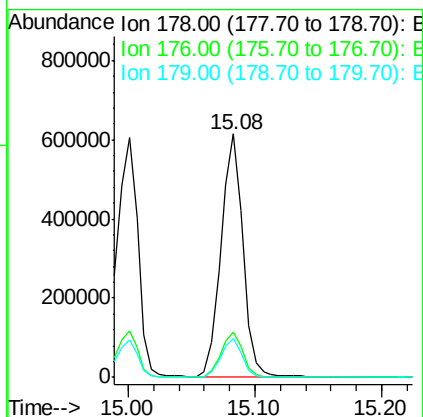
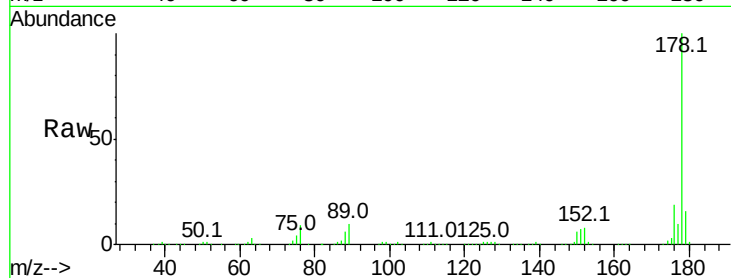




#71
 Anthracene
 Concen: 40.86 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

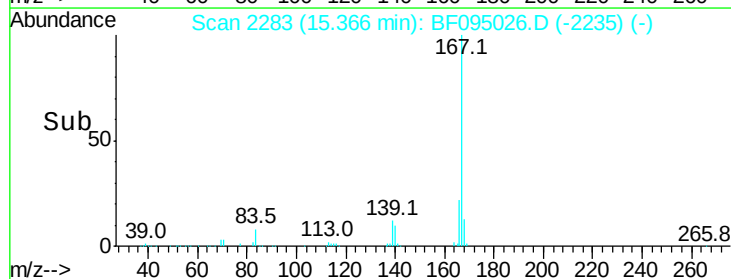
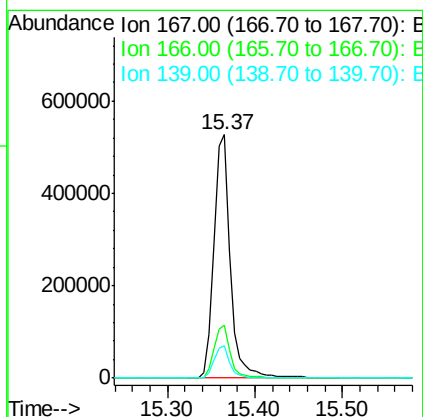
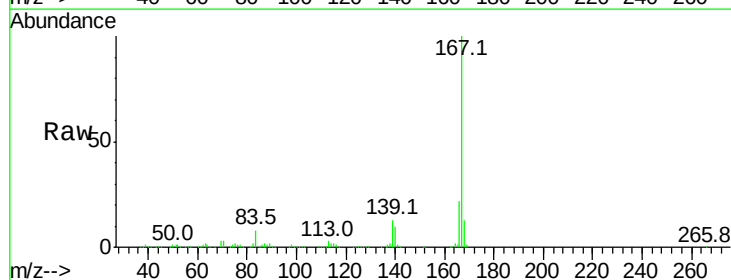
Instrument :
 BNA_F
 ClientSampleId :

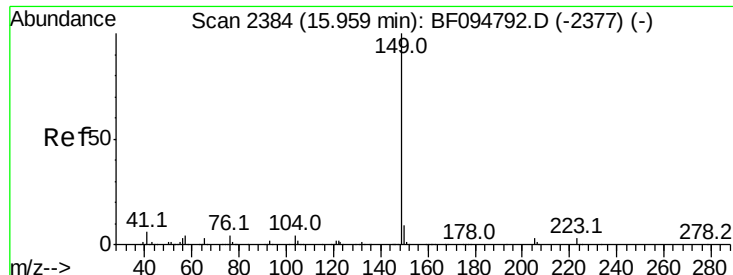
Tot Ion:178 Resp: 739752
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 42.03 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:167 Resp: 692335
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.4 11.7 17.5

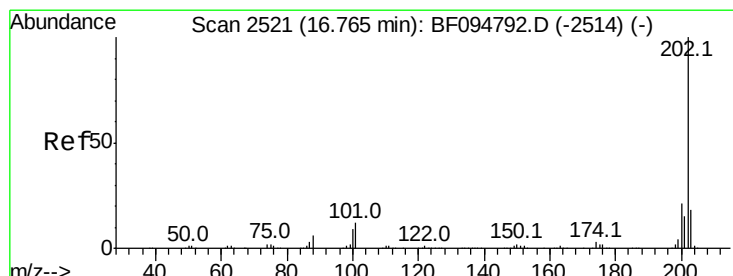
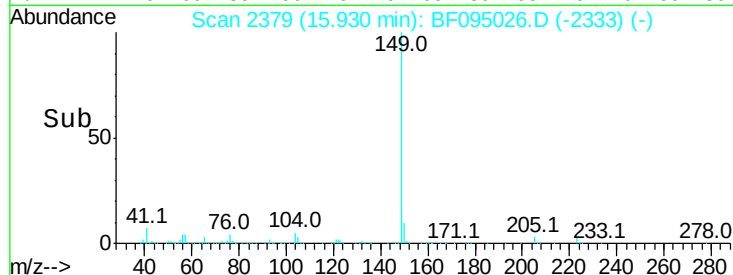
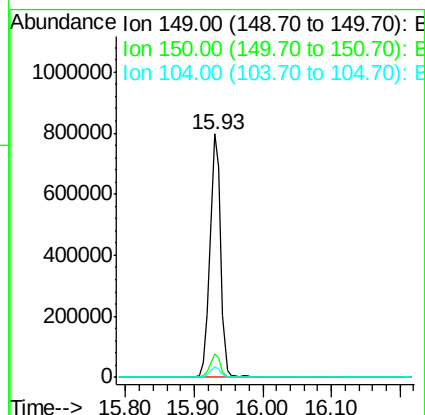
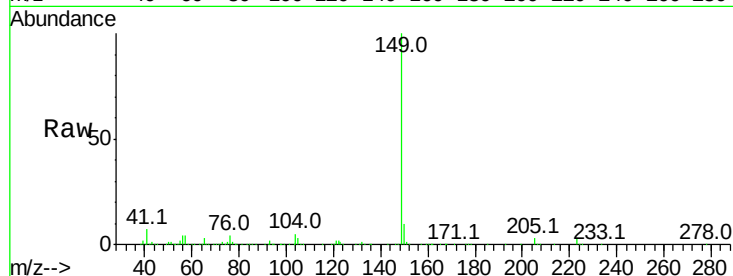




#73
Di-n-butylphthalate
Concen: 43.33 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

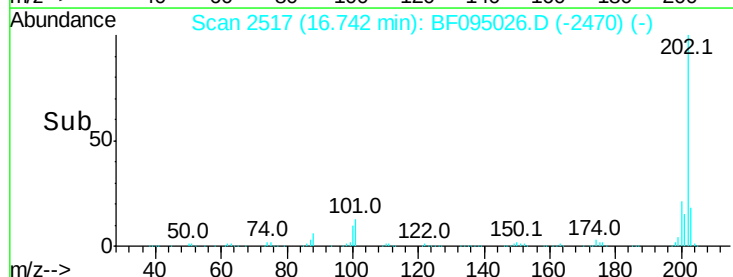
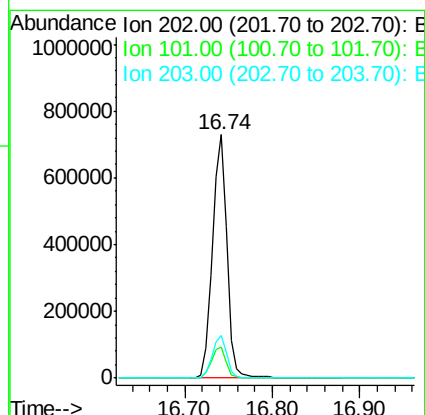
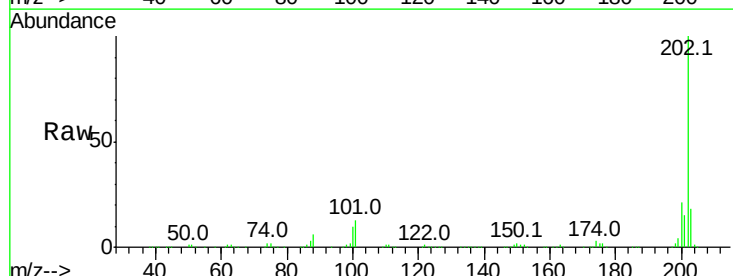
Instrument :
BNA_F
ClientSampleId :

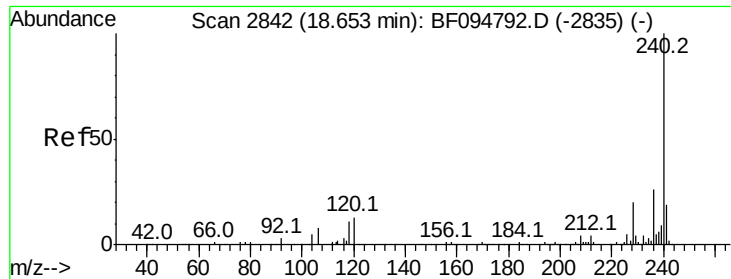
Tot Ion:149 Resp: 890082
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 46.52 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion:202 Resp: 845779
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.7 0.0 38.1

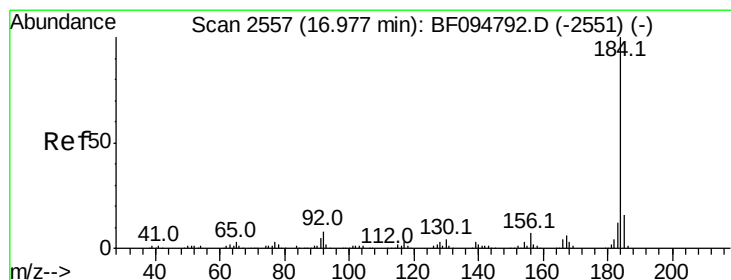
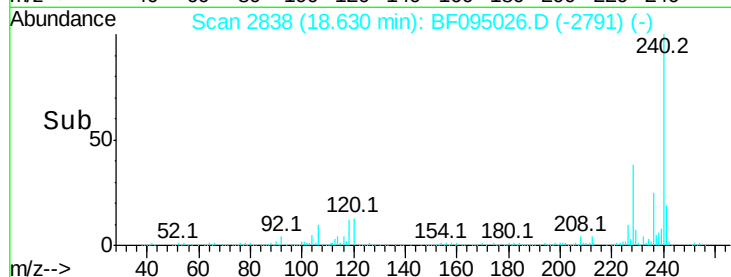
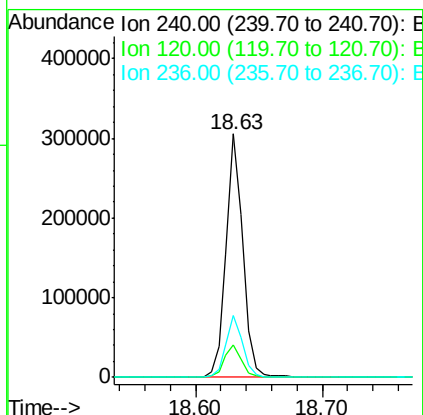
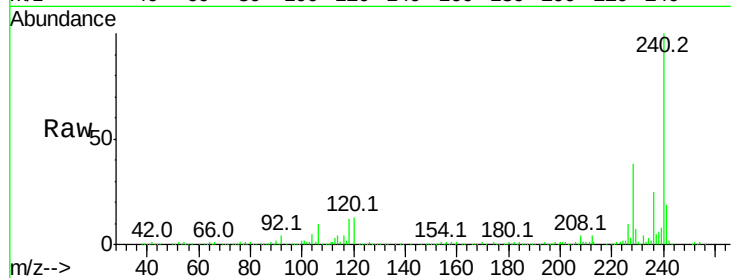




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

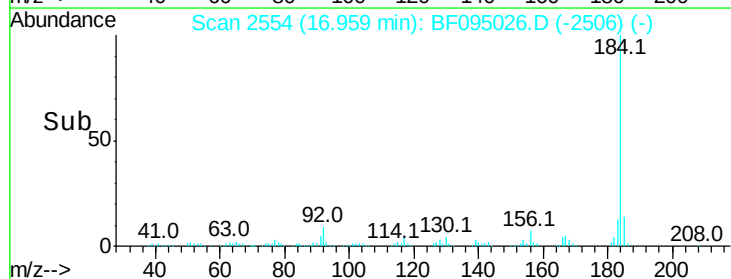
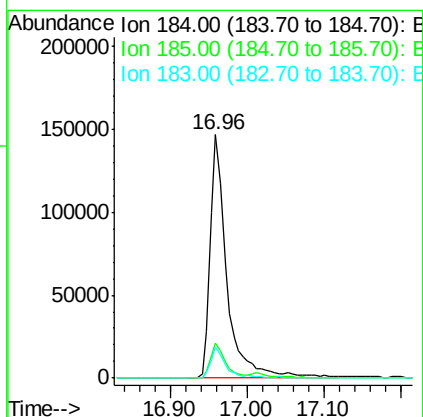
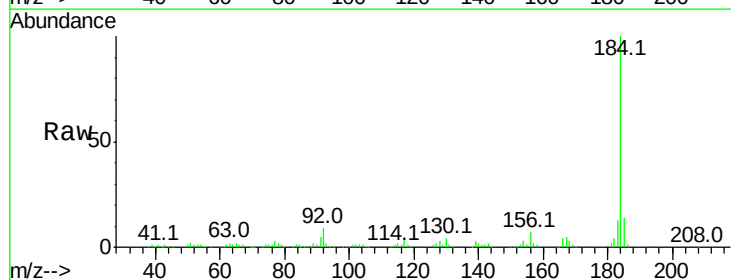
Instrument :
 BNA_F
 ClientSampleId :

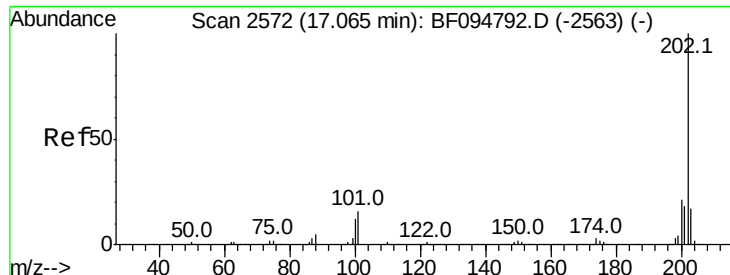
Tot Ion:240 Resp: 280588
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 25.3 20.5 30.7



#76
 Benzidine
 Concen: 31.63 ng
 RT: 16.96 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:184 Resp: 220239
 Ion Ratio Lower Upper
 184 100
 185 14.4 15.5 23.3#
 183 12.8 9.8 14.6

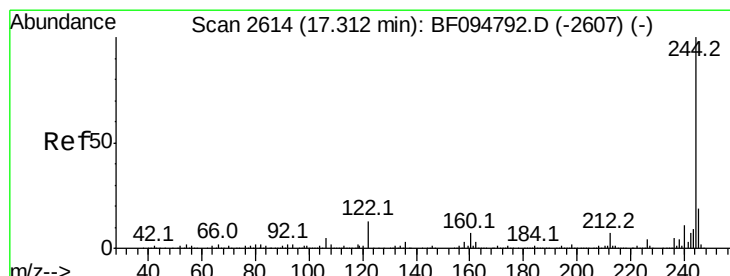
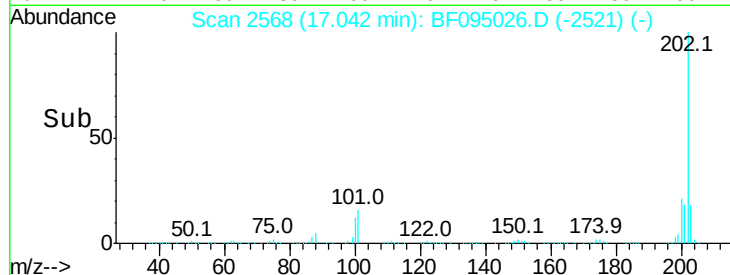
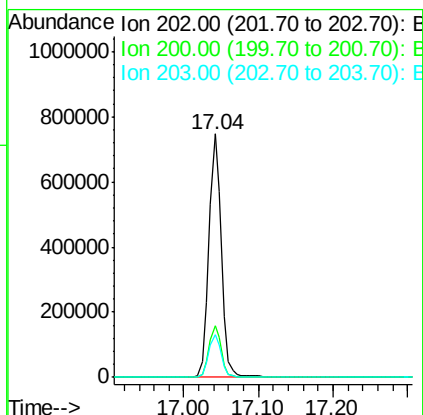
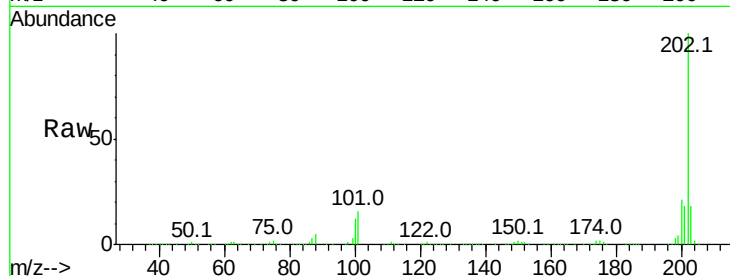




#77
 Pvrene
 Concen: 41.23 ng
 RT: 17.04 min Scan# 2568
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

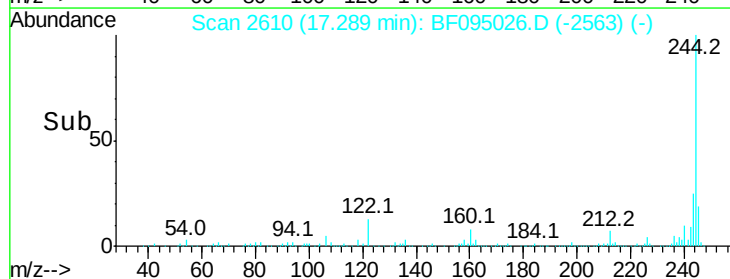
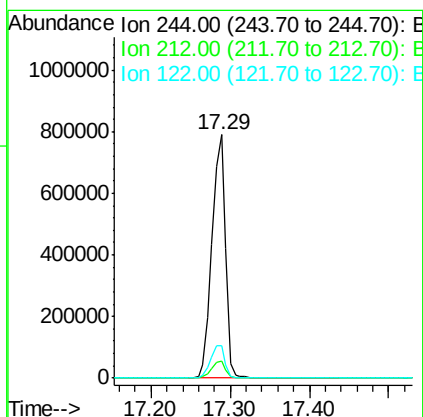
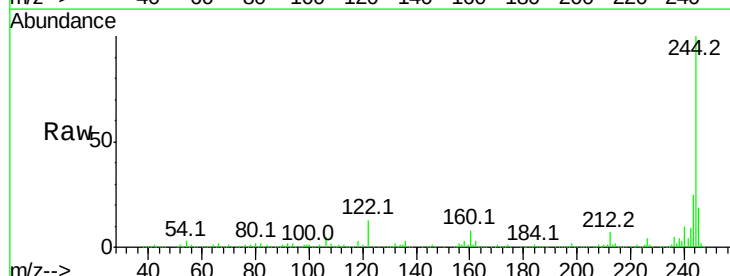
Instrument :
 BNA_F
 ClientSampleId :

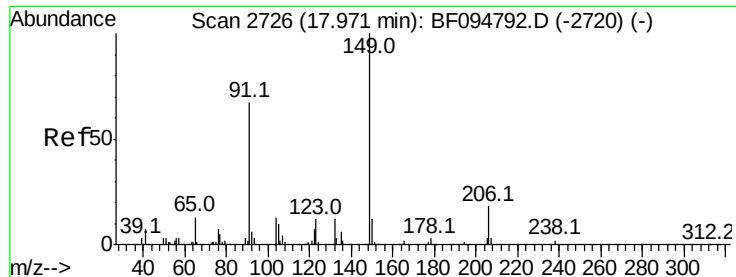
Tot Ion:202 Resp: 865172
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.6 26.4
 203 17.6 14.4 21.6



#78
 Terphenyl-d14
 Concen: 73.80 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:244 Resp: 940121
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.3 10.3 15.5

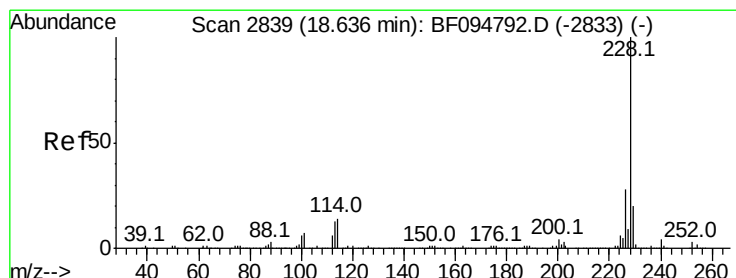
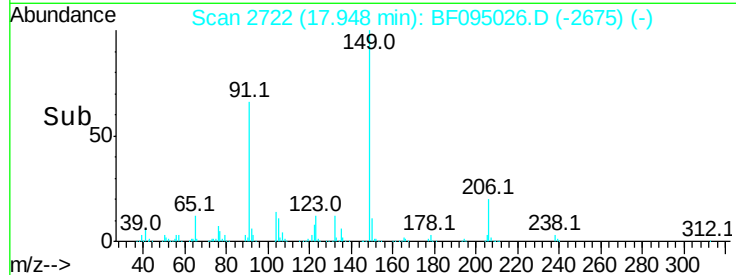
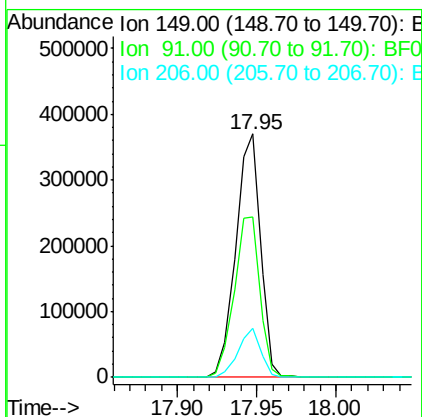
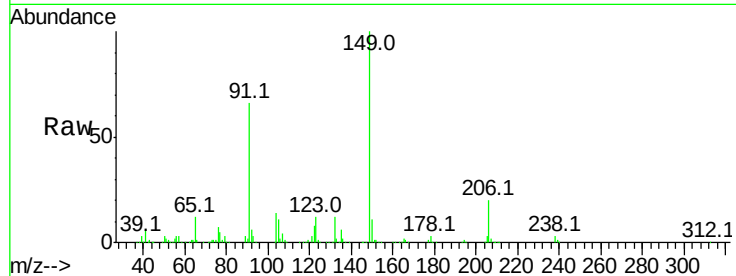




#79
Butylbenzylphthalate
Concen: 41.00 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

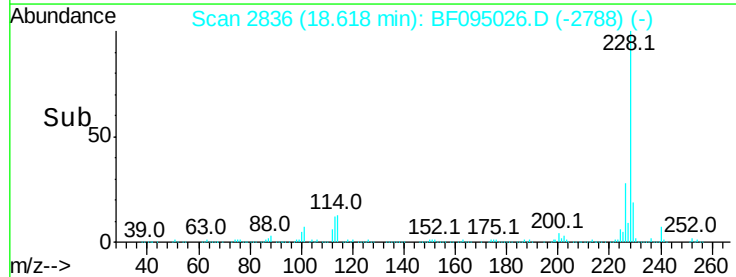
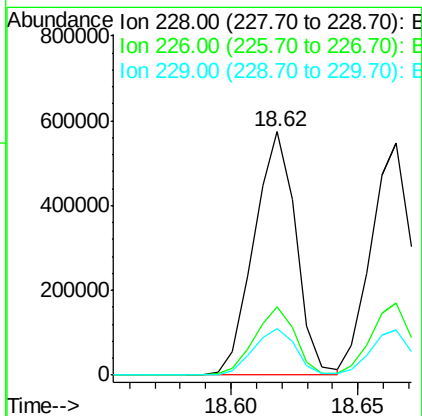
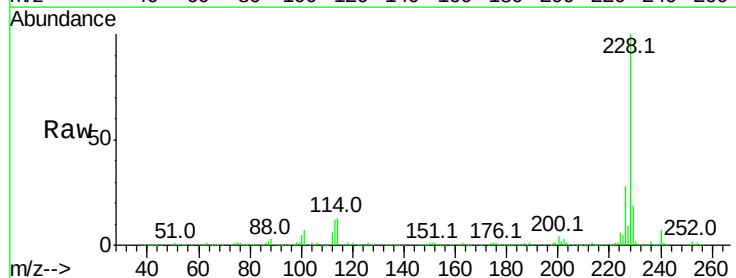
Instrument :
BNA_F
ClientSampled :

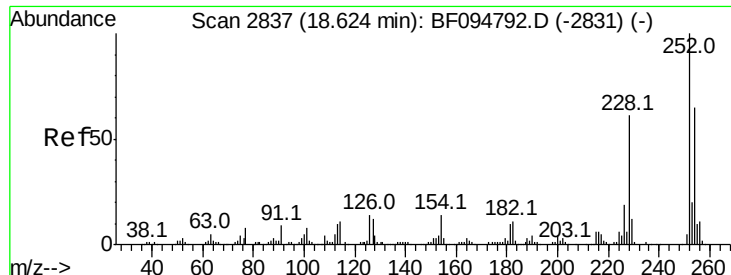
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	45.0	67.4
206	20.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 40.70 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.3	16.3	24.5

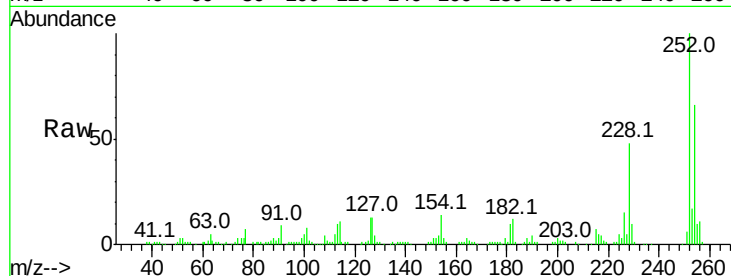




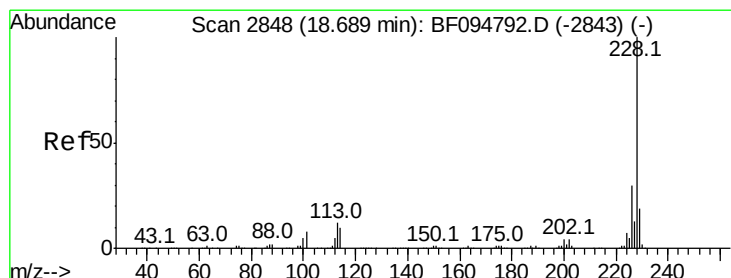
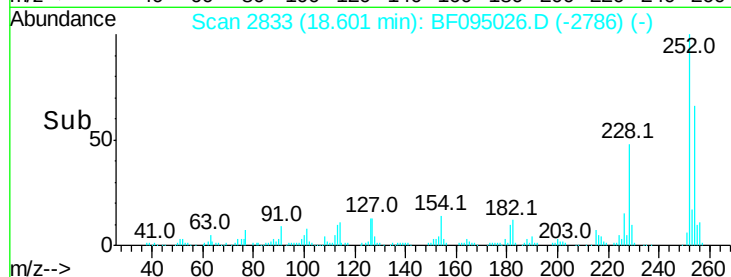
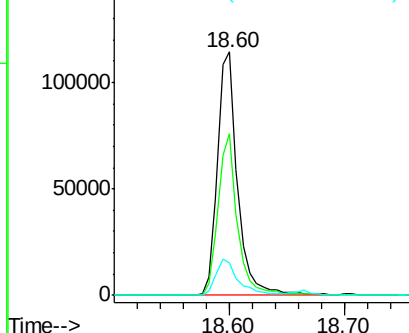
#81
 3,3'-Dichlorobenzidine
 Concen: 24.54 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 138421
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.5 77.3
 126 13.2 15.8 23.8#

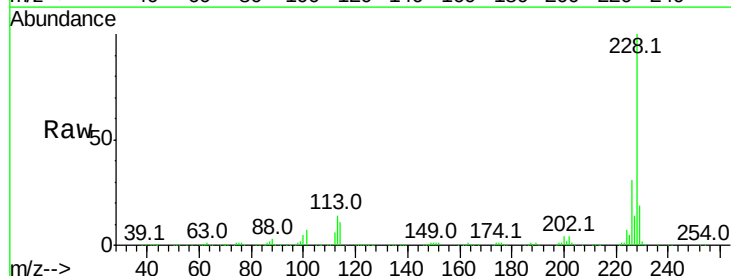


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

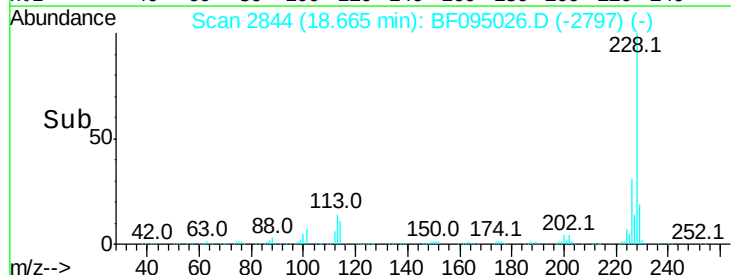
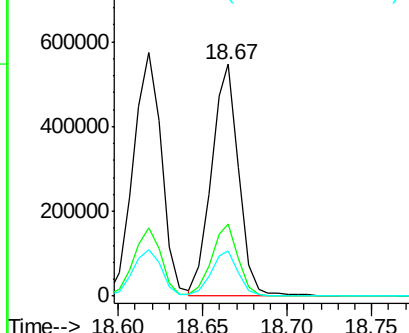


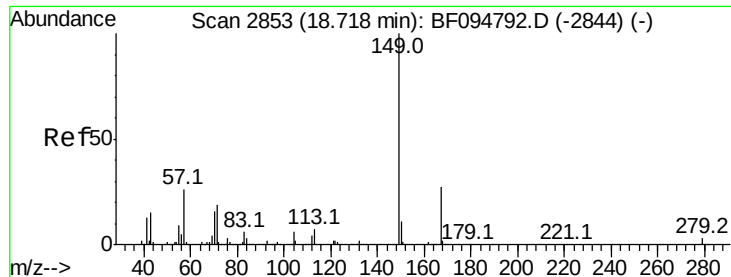
#82
 Chrysene
 Concen: 38.82 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:228 Resp: 613010
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 19.5 15.8 23.6



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

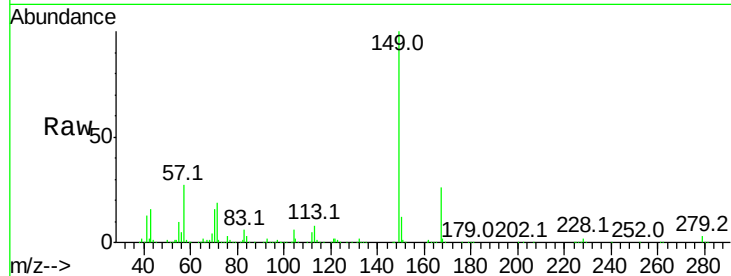




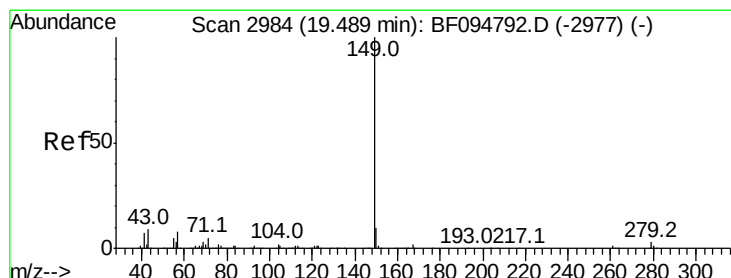
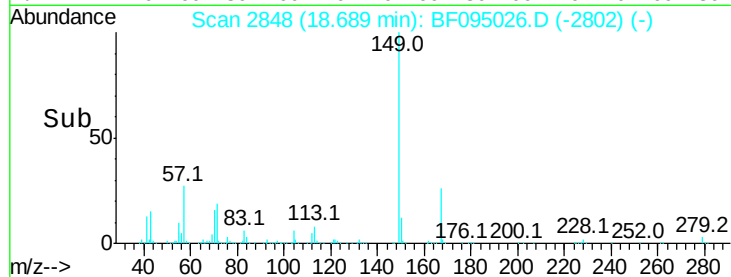
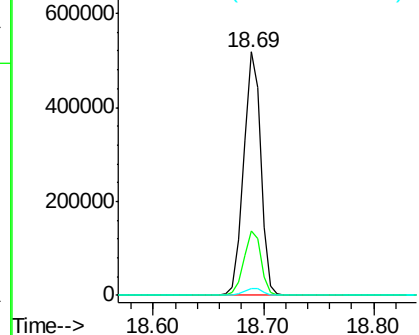
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.93 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.0	1.9	2.9#

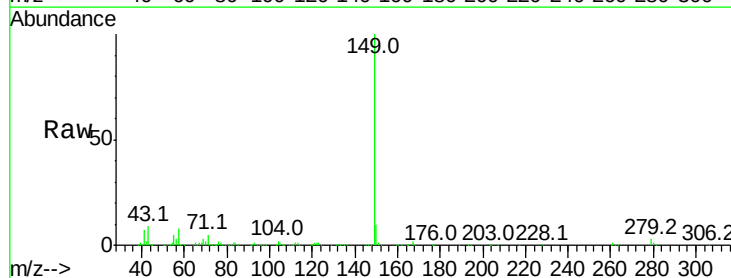


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

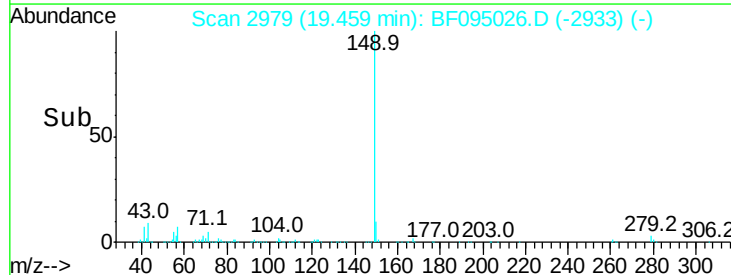
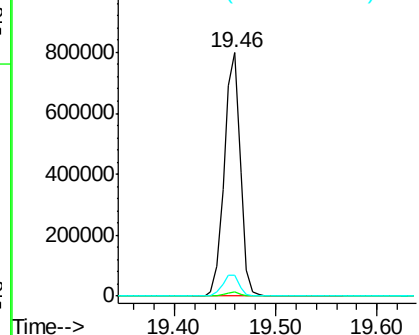


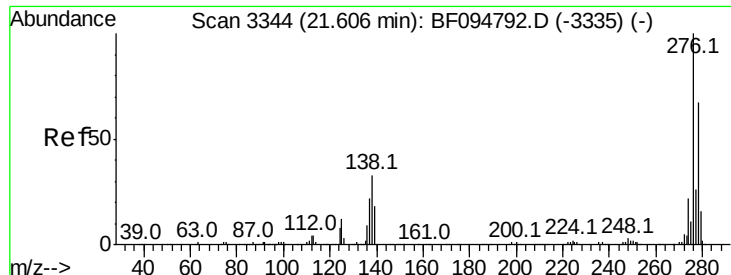
#84
 Di-n-octyl phthalate
 Concen: 38.46 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	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

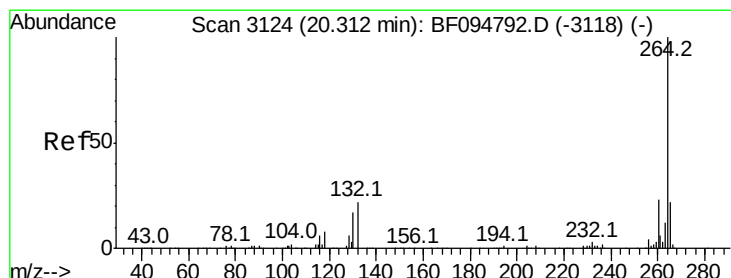
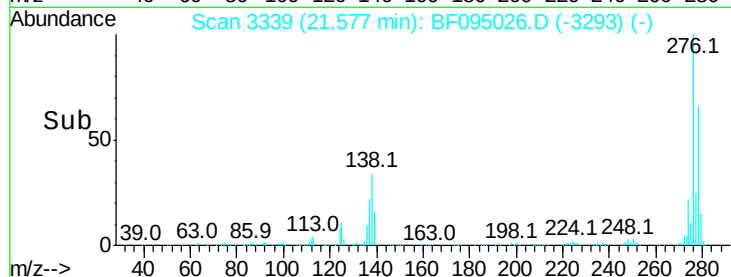
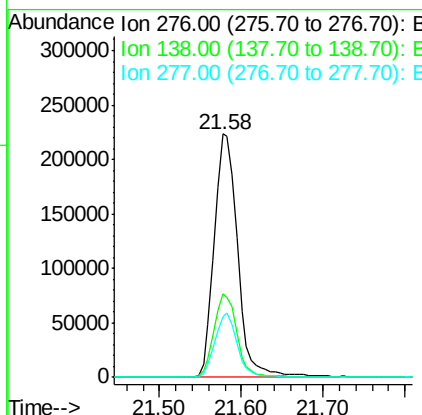
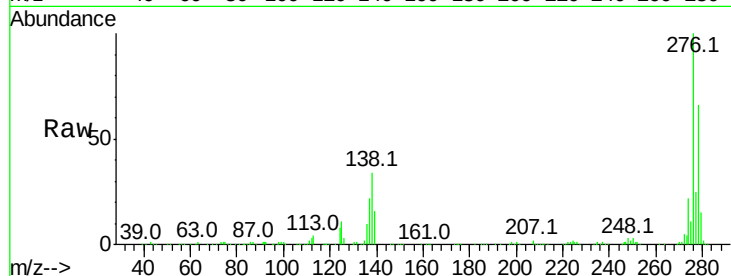




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.93 ng
 RT: 21.58 min Scan# 3339
 Delta R.T. -0.03 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

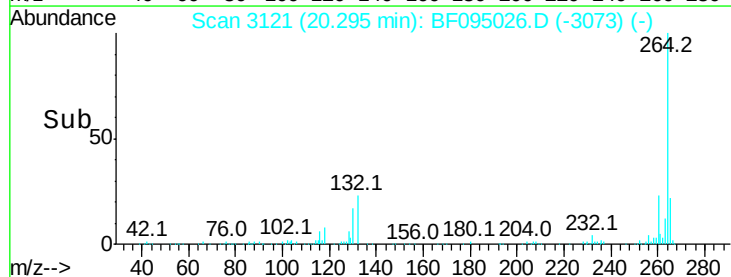
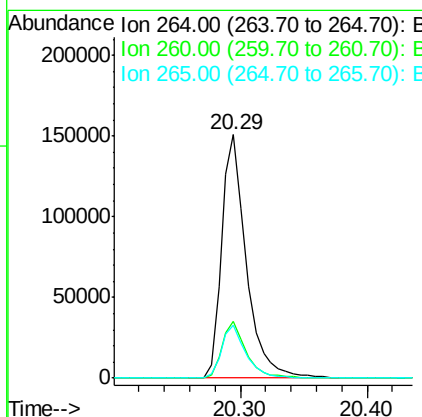
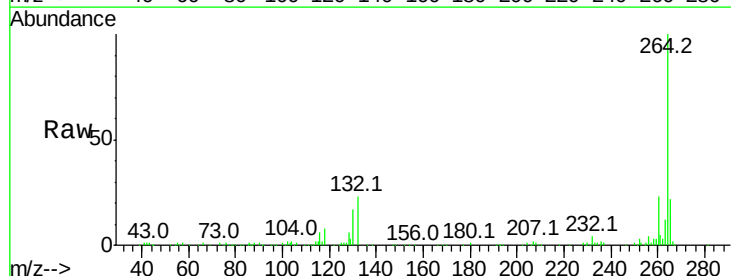
Instrument :
 BNA_F
 ClientSampleId :

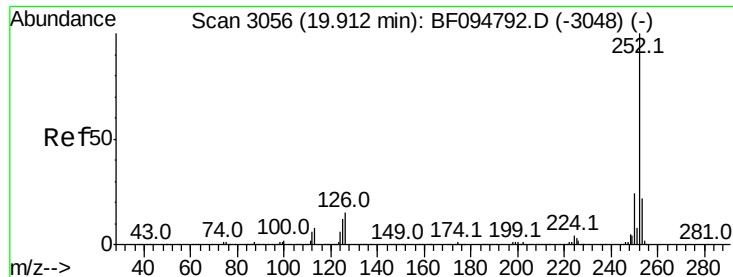
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.8	17.2	25.8

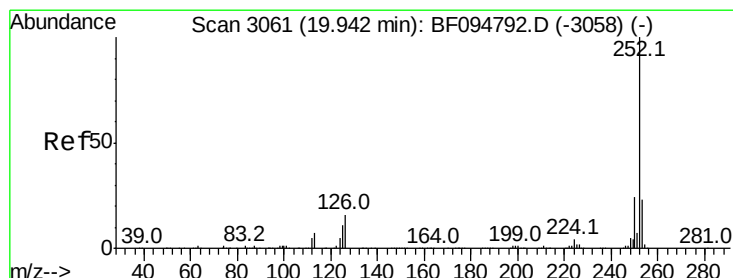
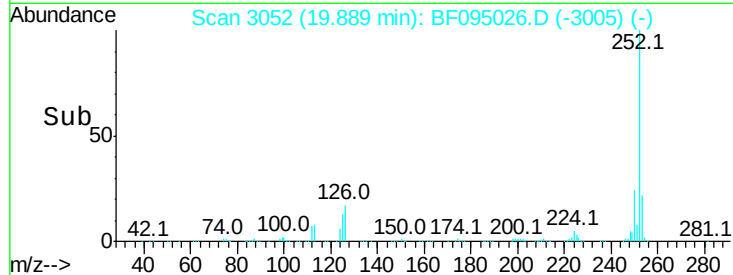
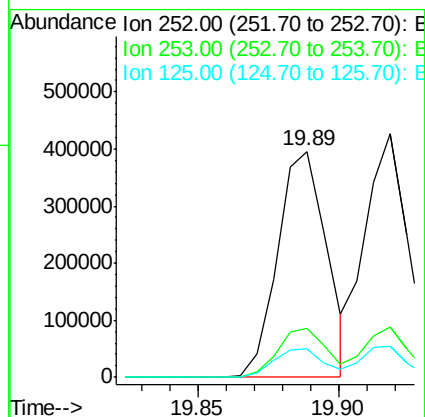
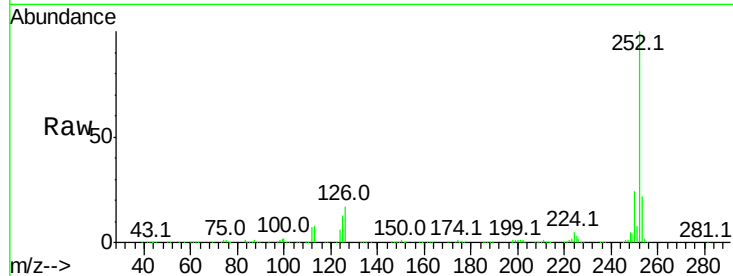




#87
Benzo(b)fluoranthene
Concen: 37.93 ng
RT: 19.89 min Scan# 3052
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

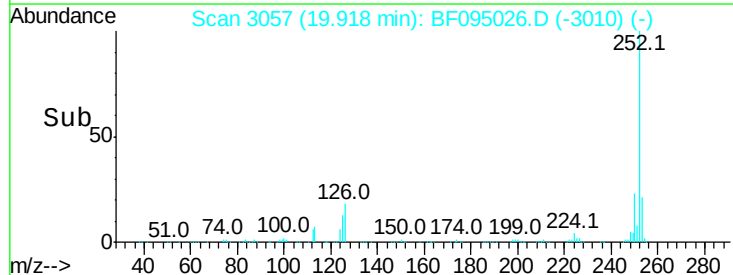
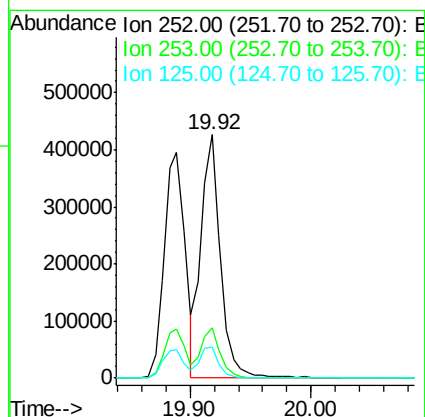
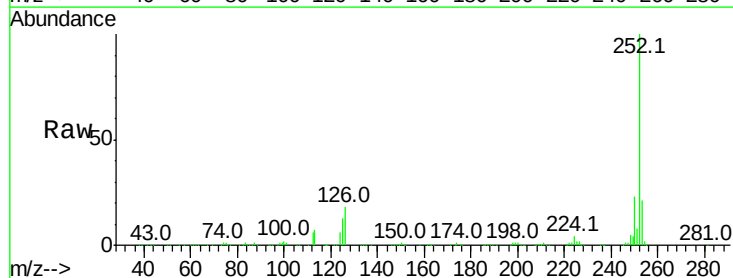
Instrument :
BNA_F
ClientSampleID :

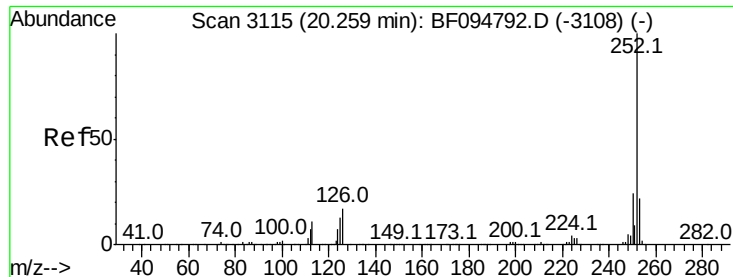
Tot Ion:252 Resp: 476220
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 12.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.15 ng
RT: 19.92 min Scan# 3057
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion:252 Resp: 474121
Ion Ratio Lower Upper
252 100
253 20.8 18.4 27.6
125 12.6 13.1 19.7#

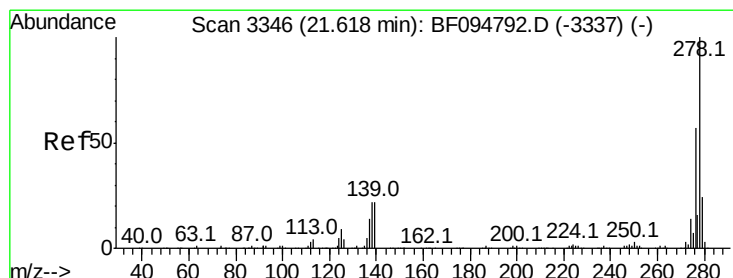
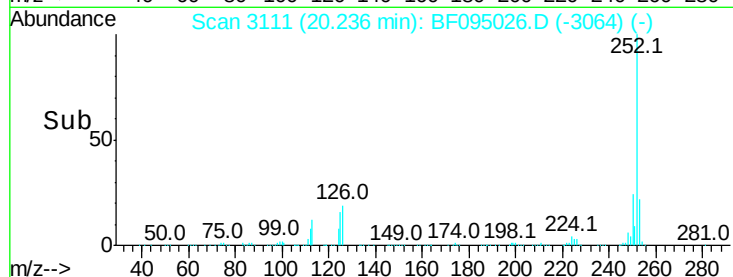
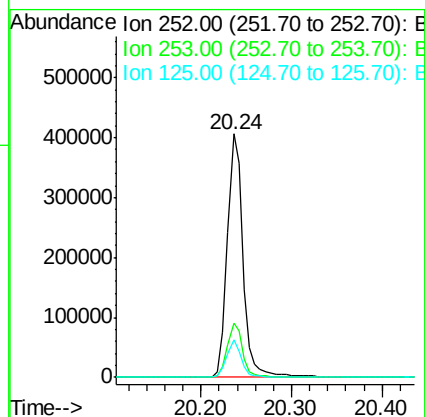
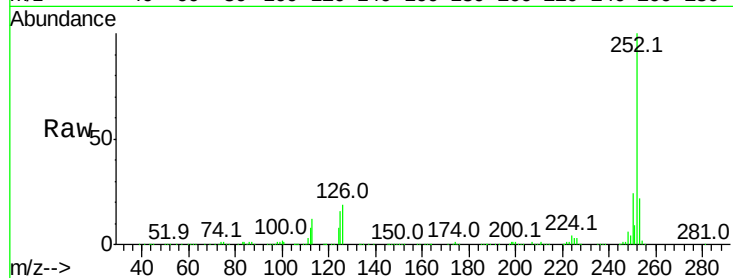




#89
Benzo(a)pyrene
Concen: 41.47 ng
RT: 20.24 min Scan# 3111
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

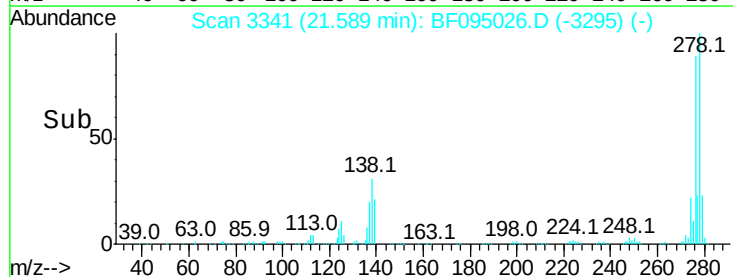
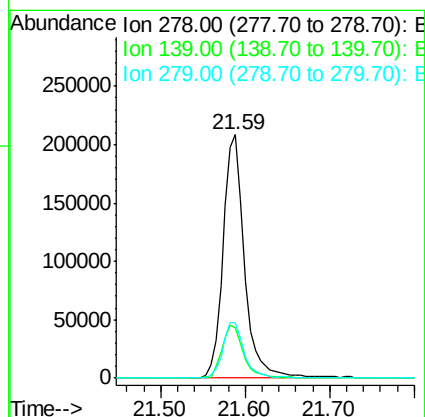
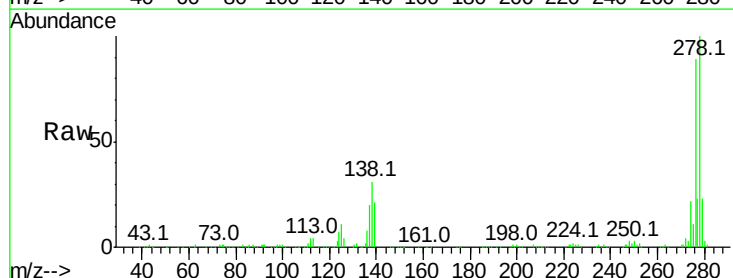
Instrument :
BNA_F
ClientSampleId :

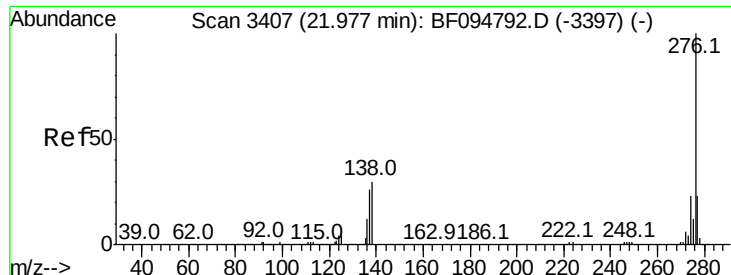
Tot Ion:252 Resp: 480520
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 15.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.39 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion:278 Resp: 367288
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 22.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 37.46 ng

RT: 21.95 min Scan# 3403

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

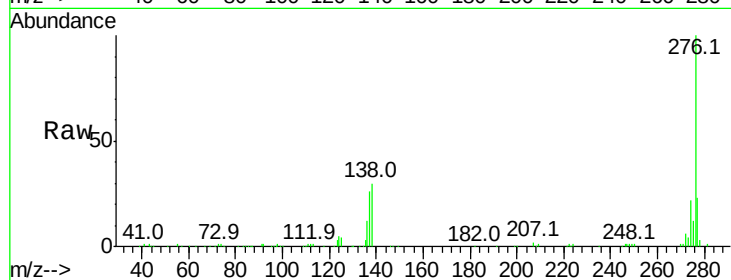
Tot Ion: 276 Resp: 351719

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 30.2 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

