

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095394.D
 Acq On : 24 May 2017 17:55
 Operator : SJ/MA
 Sample : I3200-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:04:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	92768	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	363435	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	146676	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	205921	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	152525	20.00	ng	-0.01
86) Perylene-d12	20.36	264	124720	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	720610	129.51	ng	-0.02
7) Phenol-d6	7.30	99	839050	125.68	ng	-0.02
23) Nitrobenzene-d5	8.65	82	478016	82.94	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	120739	100.51	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	903030	88.61	ng	-0.02
78) Terphenyl-d14	17.32	244	484545	69.97	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	74255	27.21	ng	93
3) Pyridine	2.95	79	155124	24.53	ng	97
4) n-Nitrosodimethylamine	2.87	42	70591	26.78	ng	81
6) Aniline	7.27	93	167322	19.85	ng	92
8) 2-Chlorophenol	7.44	128	232296	36.68	ng	97
9) Benzaldehyde	7.09	77	77182	18.93	ng	97
10) Phenol	7.32	94	300640	42.73	ng	89
11) bis(2-Chloroethyl)ether	7.38	93	211296	36.38	ng	96
12) 1,3-Dichlorobenzene	7.65	146	253933	35.35	ng	99
13) 1,4-Dichlorobenzene	7.78	146	260235	35.72	ng	98
14) 1,2-Dichlorobenzene	8.01	146	245487	36.10	ng	97
15) Benzyl Alcohol	8.04	79	179259	41.75	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	281521	34.25	ng	96
17) 2-Methylphenol	8.25	107	186139	35.91	ng	98
18) Hexachloroethane	8.52	117	79030	32.02	ng	88
19) n-Nitroso-di-n-propylamine	8.45	70	162416	35.97	ng	93
20) 3+4-Methylphenols	8.52	107	234819	33.34	ng	# 55
22) Acetophenone	8.42	105	327880	37.60	ng	# 84
24) Nitrobenzene	8.68	77	218417	36.16	ng	90
25) Isophorone	9.08	82	391267	38.02	ng	95
26) 2-Nitrophenol	9.19	139	119420	36.63	ng	96
27) 2,4-Dimethylphenol	9.33	122	198950	37.75	ng	97
28) bis(2-Chloroethoxy)methane	9.44	93	262783	36.91	ng	99
29) 2,4-Dichlorophenol	9.64	162	172957	34.76	ng	96
30) 1,2,4-Trichlorobenzene	9.69	180	192444	36.10	ng	98
31) Naphthalene	9.80	128	695904	38.10	ng	99
32) Benzoic acid	9.70	122	1483	5.47	ng	# 10
33) 4-Chloroaniline	9.99	127	63480	9.33	ng	# 89
34) Hexachlorobutadiene	10.01	225	92915	33.03	ng	98
35) Caprolactam	10.56	113	35042	23.45	ng	# 88
36) 4-Chloro-3-methylphenol	10.82	107	178427	33.54	ng	90
37) 2-Methylnaphthalene	10.92	142	448798	37.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	166518	36.92	ng	99
40) Hexachlorocyclopentadiene	11.18	237	4040	8.02	ng	85

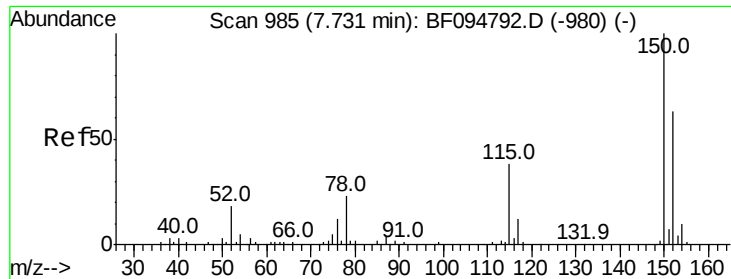
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	112048	37.20	nq	96
43) 2,4,5-Trichlorophenol	11.55	196	101885	31.48	nq	95
45) 1,1'-Biphenyl	11.69	154	475839	38.53	nq	97
46) 2-Chloronaphthalene	11.71	162	359659	36.07	nq	95
47) 2-Nitroaniline	11.94	65	87621	32.10	nq	# 82
48) Acenaphthylene	12.37	152	635941	40.72	nq	97
49) Dimethylphthalate	12.24	163	605015	50.24	nq	99
50) 2,6-Dinitrotoluene	12.34	165	85471	34.79	nq	94
51) Acenaphthene	12.65	154	359796	38.57	nq	100
52) 3-Nitroaniline	12.62	138	60065	22.78	nq	90
54) Dibenzofuran	12.94	168	513469	39.78	nq	98
55) 4-Nitrophenol	13.05	139	57804	36.50	nq	# 81
56) 2,4-Dinitrotoluene	13.02	165	102316	32.41	nq	# 94
57) Fluorene	13.49	166	416872	37.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.12	232	46516	22.83	nq	90
59) Diethylphthalate	13.38	149	381341	33.04	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	161842	32.81	nq	90
61) 4-Nitroaniline	13.62	138	53941	22.28	nq	93
62) Azobenzene	13.77	77	307671	33.18	nq	91
64) 4,6-Dinitro-2-methylphenol	13.71	198	6993	5.07	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	307565	41.15	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	82721	38.02	nq	97
67) Hexachlorobenzene	14.39	284	74138	33.25	nq	# 88
68) Atrazine	14.64	200	81586	38.66	nq	98
69) Pentachlorophenol	14.76	266	41152	43.69	nq	93
70) Phenanthrene	15.05	178	1237124	104.56	nq	99
71) Anthracene	15.12	178	554044	45.84	nq	98
72) Carbazole	15.41	167	427566	38.88	nq	98
73) Di-n-butylphthalate	15.97	149	500780	36.52	nq	99
74) Fluoranthene	16.79	202	1470779	121.18	nq	99
76) Benzidine	16.98	184	380	6.67	nq	# 1
77) Pyrene	17.09	202	1319441	115.67	nq	99
79) Butylbenzylphthalate	17.98	149	178502	33.64	nq	90
80) Benzo(a)anthracene	18.67	228	841640	94.81	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	61335	20.01	nq	# 97
82) Chrysene	18.72	228	817762	95.27	nq	98
83) Bis(2-ethylhexyl)phthalate	18.73	149	260384	34.44	nq	# 97
84) Di-n-octyl phthalate	19.50	149	465885	37.59	nq	97
85) Indeno(1,2,3-cd)pyrene	21.69	276	457410	65.62	nq	98
87) Benzo(b)fluoranthene	19.95	252	836468	108.54	nq	98
88) Benzo(k)fluoranthene	19.95	252	836468	112.52	nq	97
89) Benzo(a)pyrene	20.31	252	585538	82.34	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	259989	44.27	nq	97
91) Benzo(g,h,i)perylene	22.08	276	420987	73.04	nq	98

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

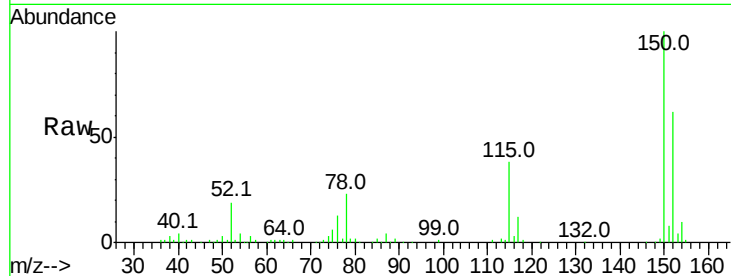


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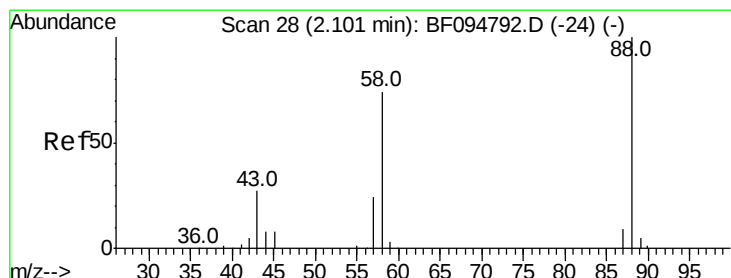
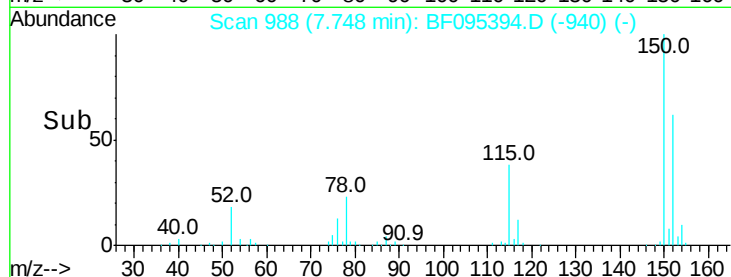
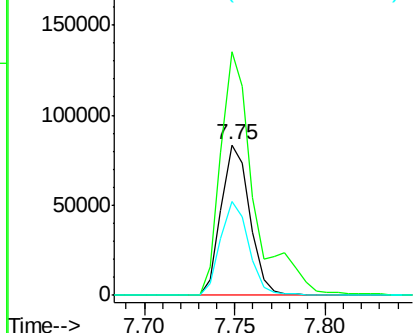
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92768
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 62.0 52.2 78.2



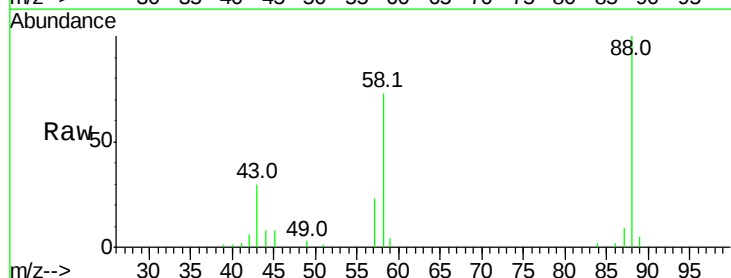
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



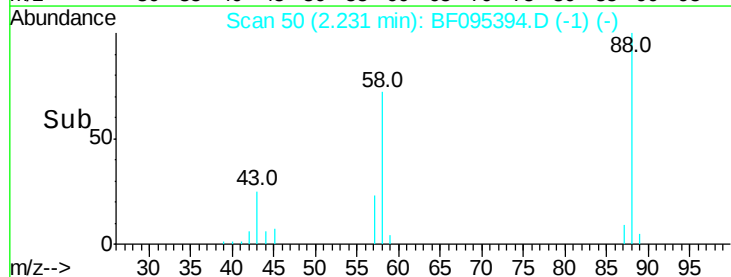
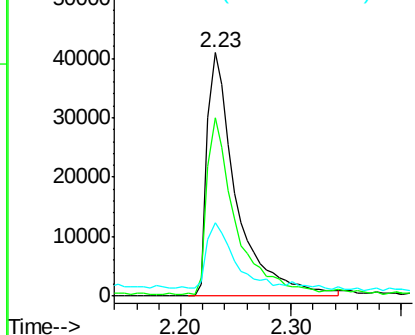
#2

1,4-Dioxane
Concen: 27.21 ng
RT: 2.23 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion: 88 Resp: 74255
Ion Ratio Lower Upper
88 100
58 70.8 61.4 92.0
43 25.6 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.53 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampled :

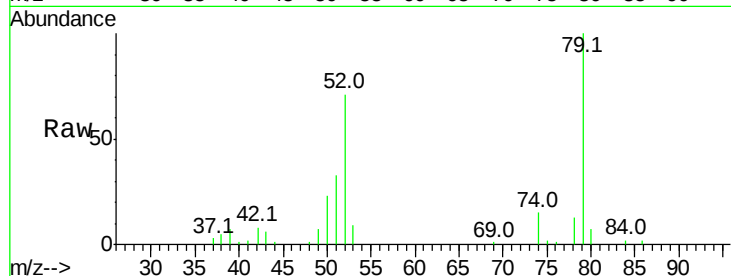
Tot Ion: 79 Resp: 155124

Ion Ratio Lower Upper

79 100

52 71.2 54.8 82.2

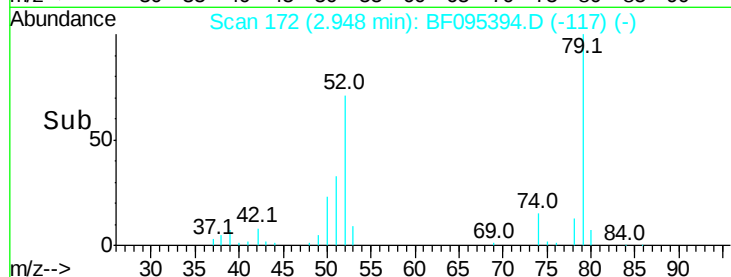
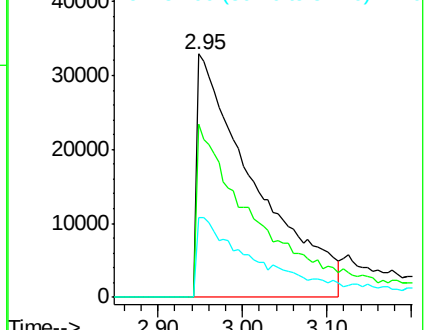
51 32.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 26.78 ng

RT: 2.87 min Scan# 158

Delta R.T. 0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

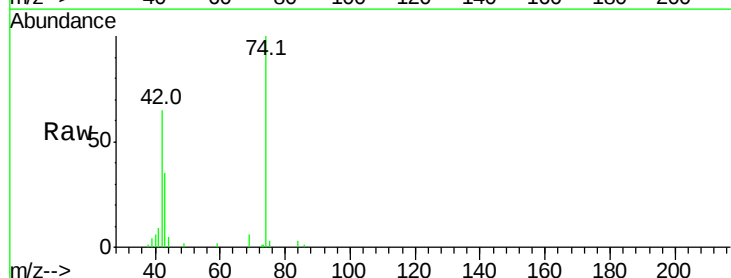
Tgt Ion: 42 Resp: 70591

Ion Ratio Lower Upper

42 100

74 153.6 103.9 155.9

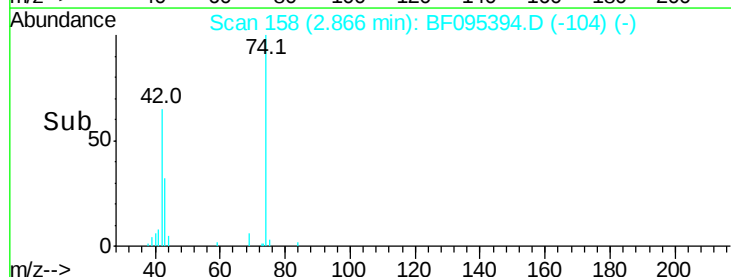
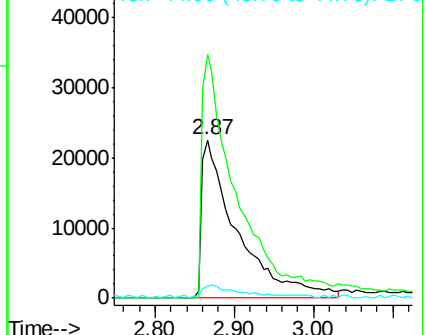
44 7.8 5.7 8.5



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: 129.51 ng

RT: 5.72 min Scan# 643

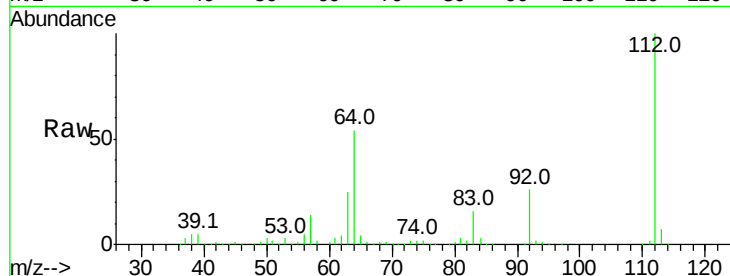
Delta R.T. -0.02 min

Lab File: BF095394.D

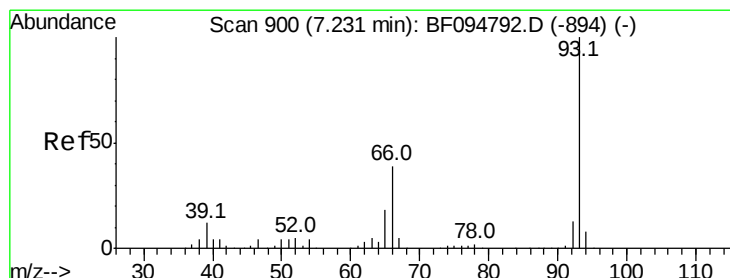
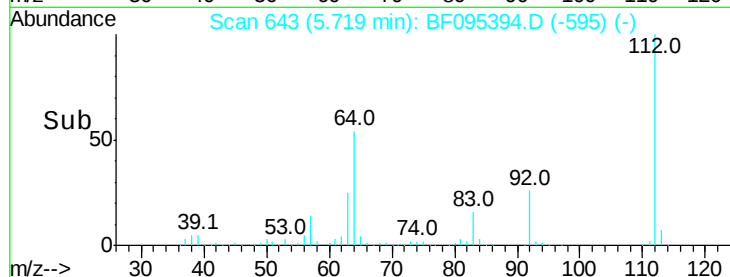
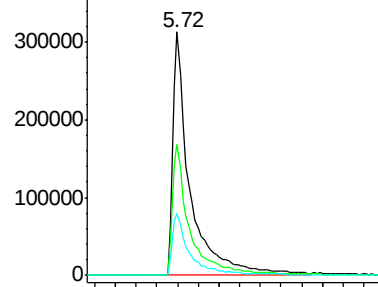
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	720610
Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	25.3	23.4	35.0



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



#6

Aniline

Concen: 19.85 ng

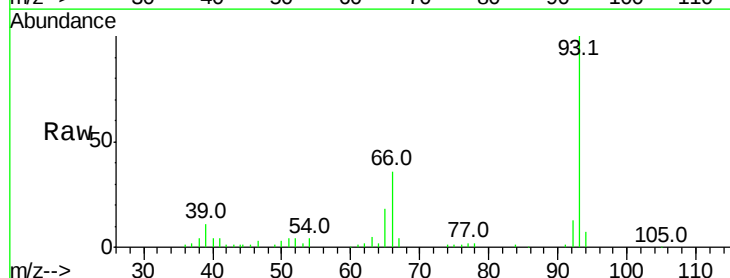
RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

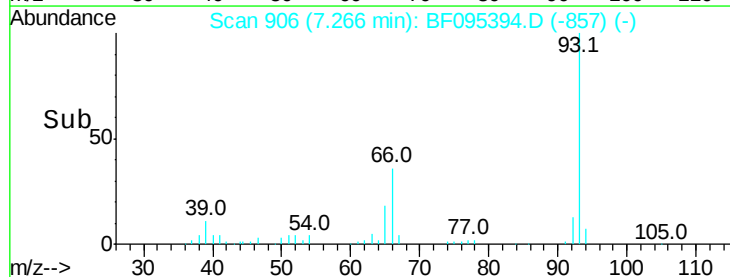
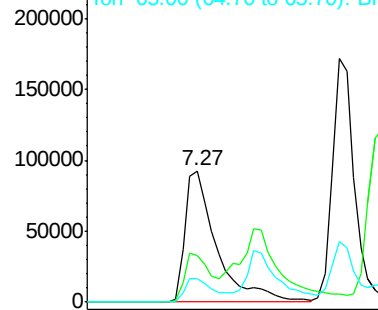
Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	93	Resp:	167322
Ion	Ratio	Lower	Upper
93	100		
66	35.5	32.9	49.3
65	17.8	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.68 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

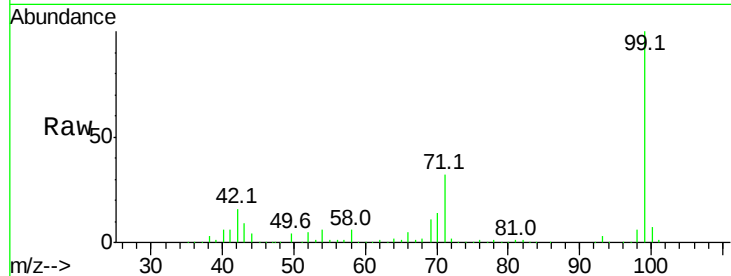
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 839050

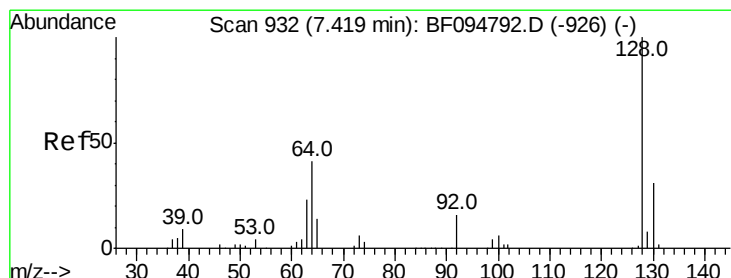
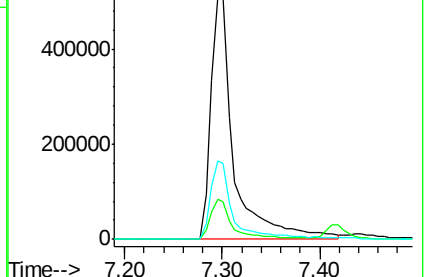
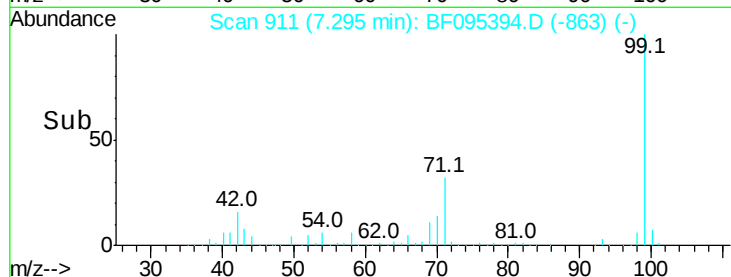
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.2	24.5	36.7



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: 36.68 ng

RT: 7.44 min Scan# 936

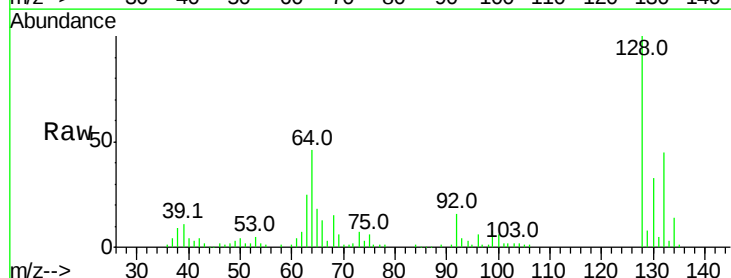
Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion: 128 Resp: 232296

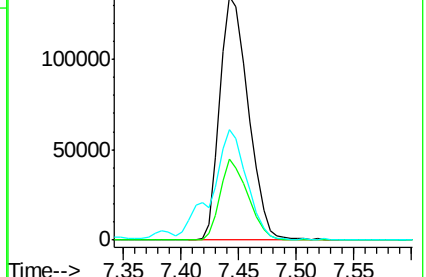
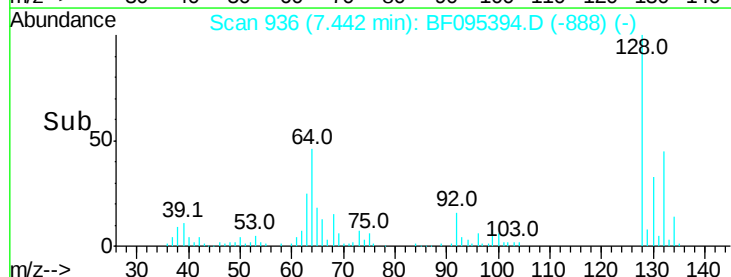
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	45.6	28.4	68.4

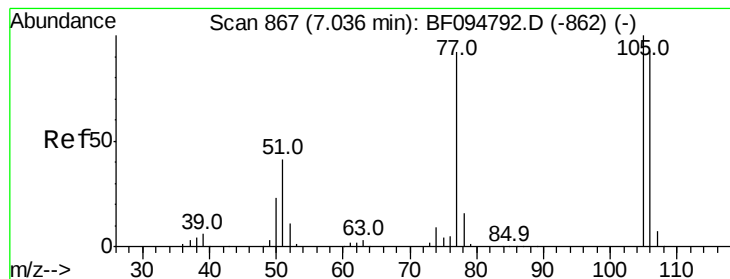


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.93 ng

RT: 7.09 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampled :

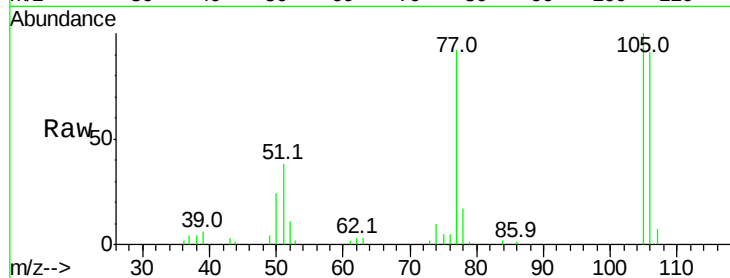
Tot Ion: 77 Resp: 77182

Ion Ratio Lower Upper

77 100

105 108.1 83.8 123.8

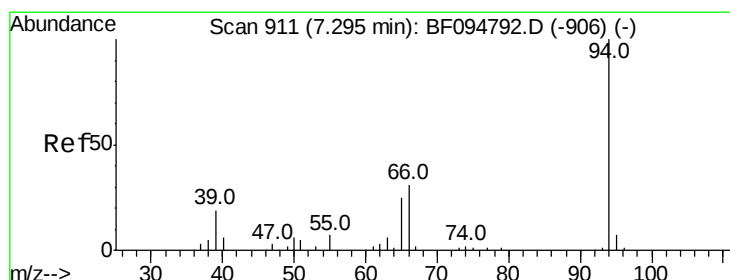
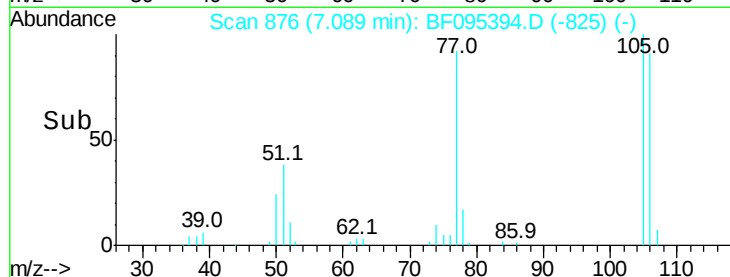
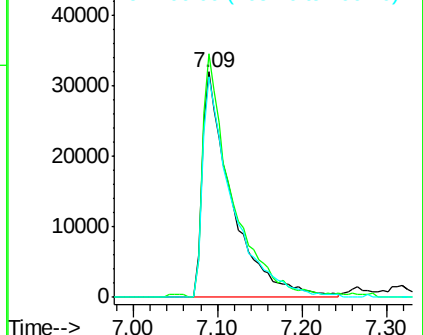
106 97.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.73 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

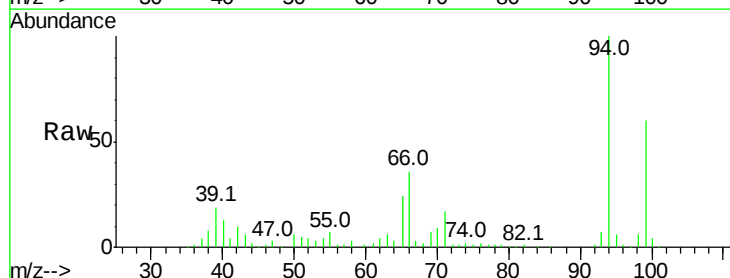
Tgt Ion: 94 Resp: 300640

Ion Ratio Lower Upper

94 100

65 24.4 9.9 49.9

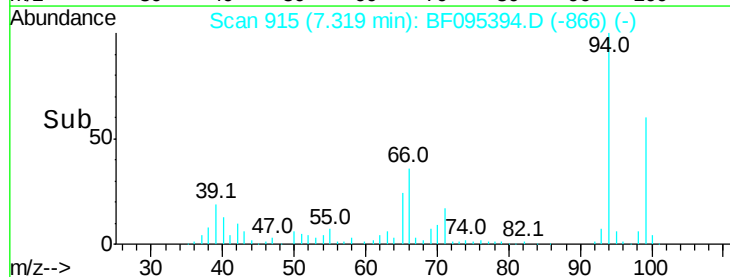
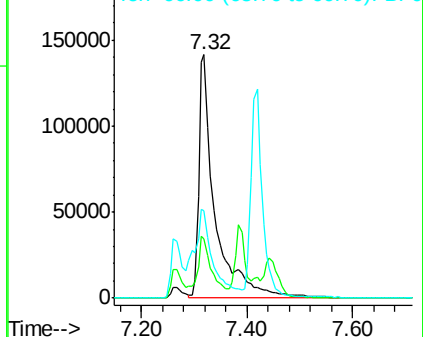
66 36.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.38 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

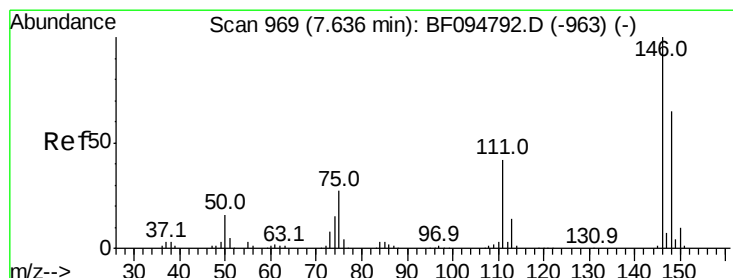
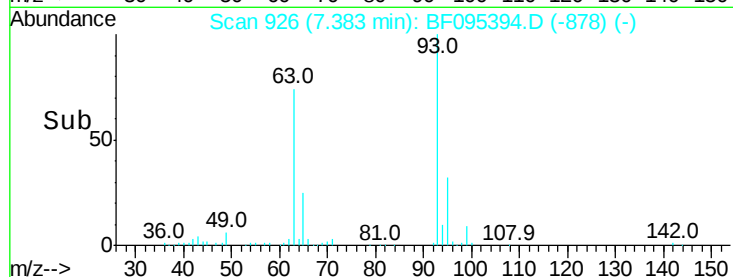
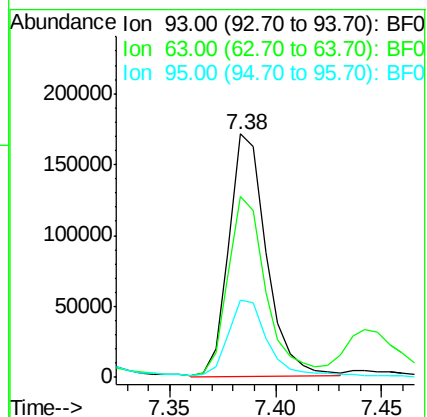
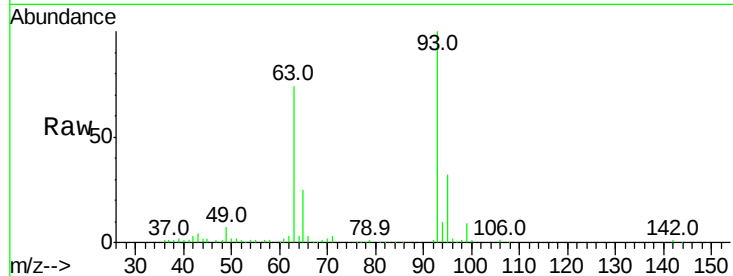
Tot Ion: 93 Resp: 211296

Ion Ratio Lower Upper

93 100

63 74.2 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 35.35 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

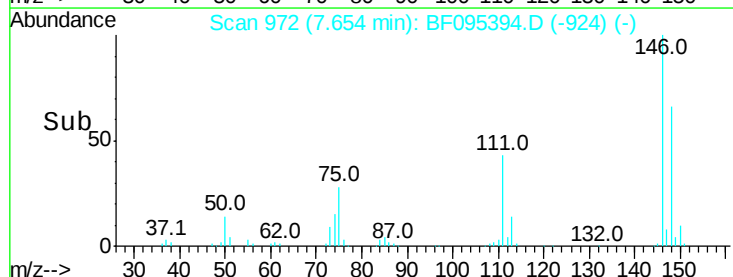
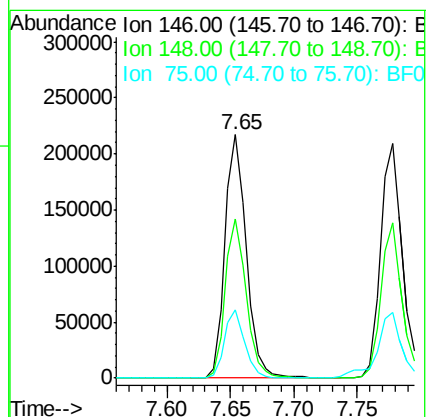
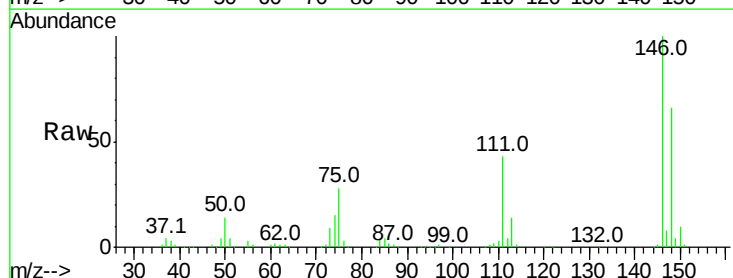
Tgt Ion: 146 Resp: 253933

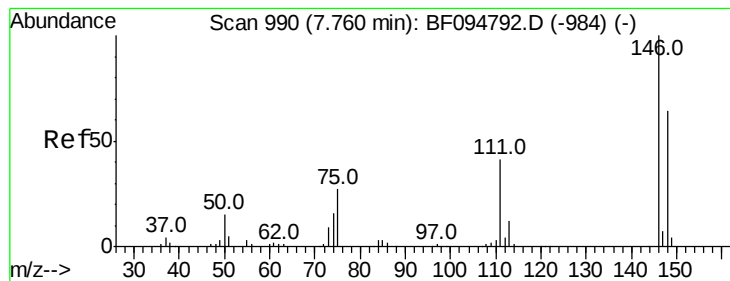
Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.6

75 28.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 35.72 ng

RT: 7.78 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampled :

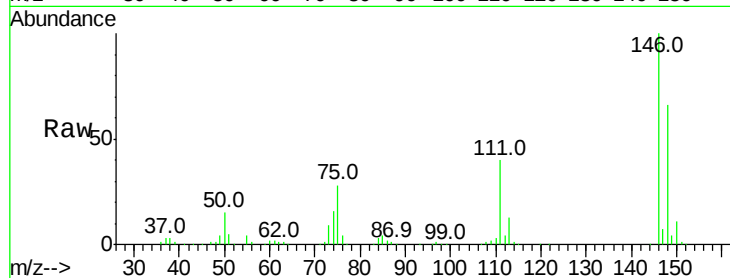
Tot Ion:146 Resp: 260235

Ion Ratio Lower Upper

146 100

148 66.2 52.2 78.2

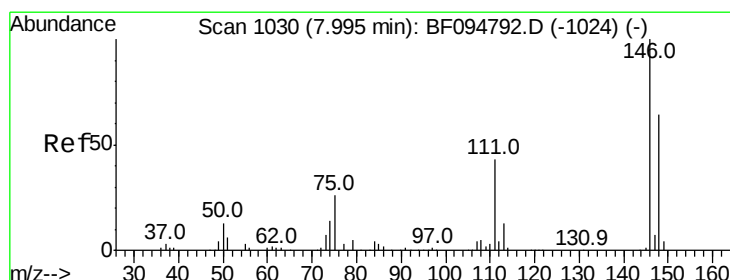
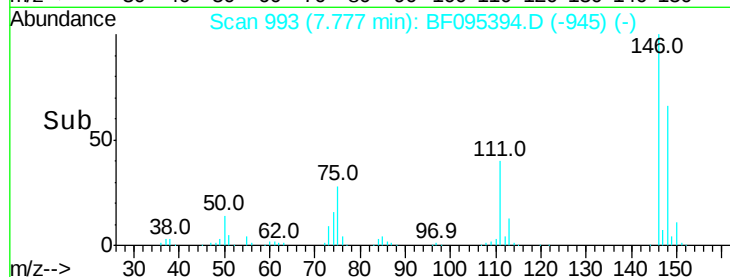
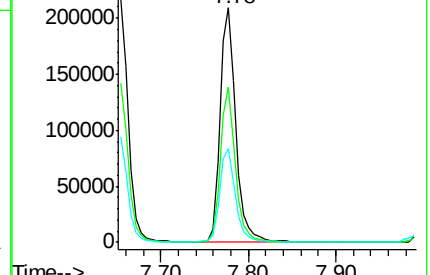
111 39.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.10 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

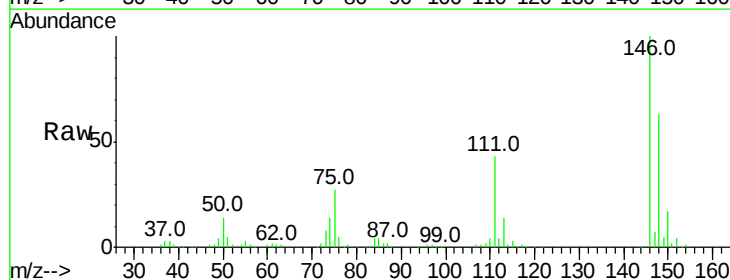
Tgt Ion:146 Resp: 245487

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

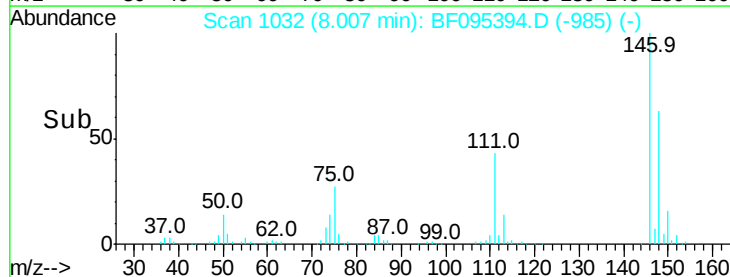
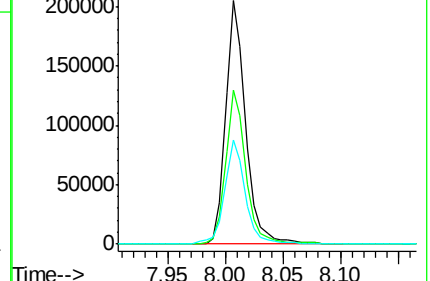
111 42.6 38.2 57.4

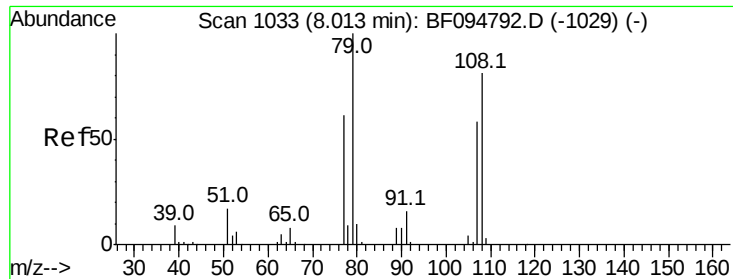


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

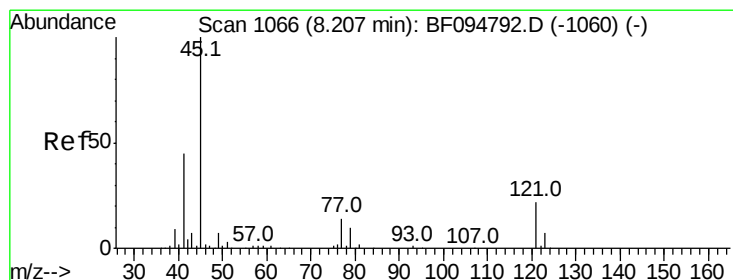
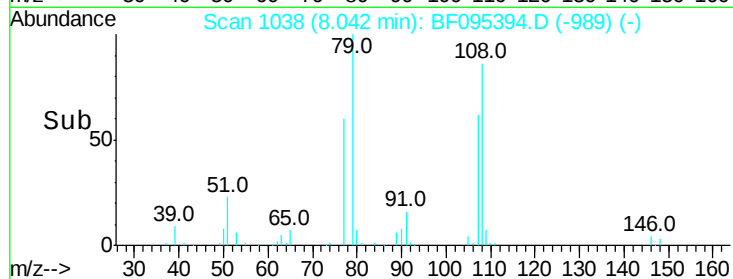
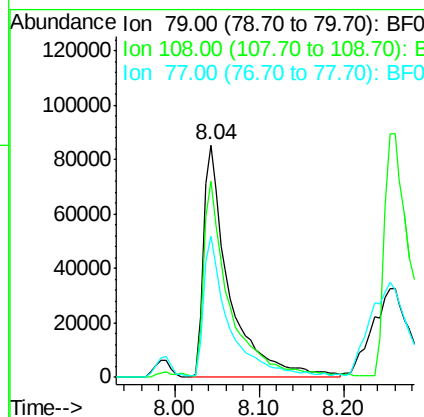
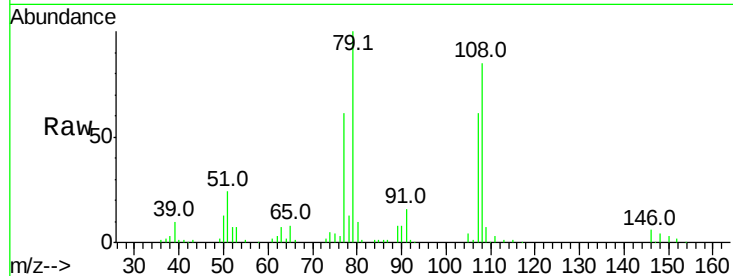




#15
Benzyl Alcohol
Concen: 41.75 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

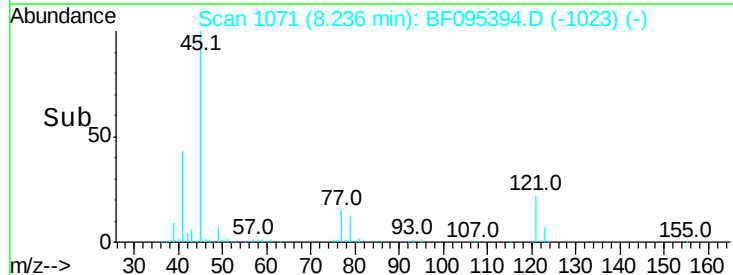
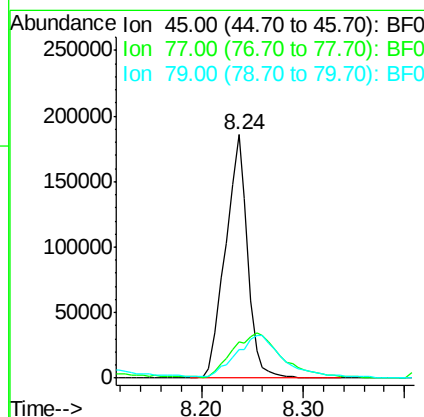
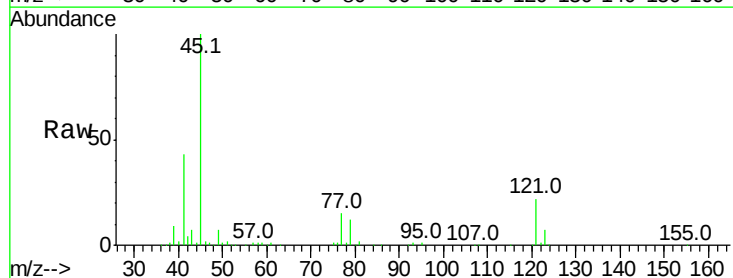
Instrument :
BNA_F
ClientSampleId :

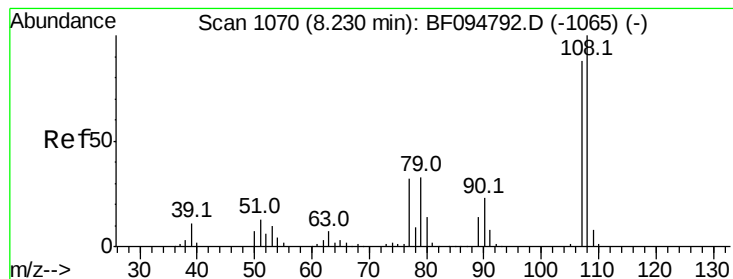
Tot Ion: 79 Resp: 179259
Ion Ratio Lower Upper
79 100
108 84.5 63.4 95.0
77 60.8 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.25 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion: 45 Resp: 281521
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.2
79 11.9 0.0 30.0

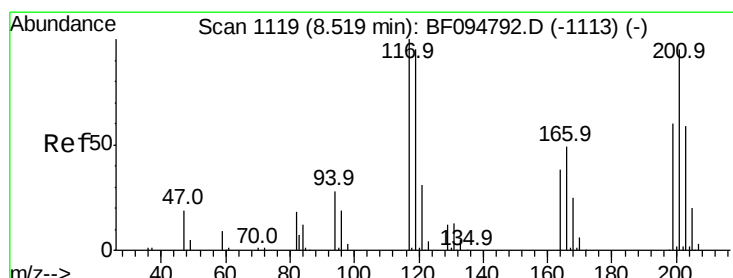
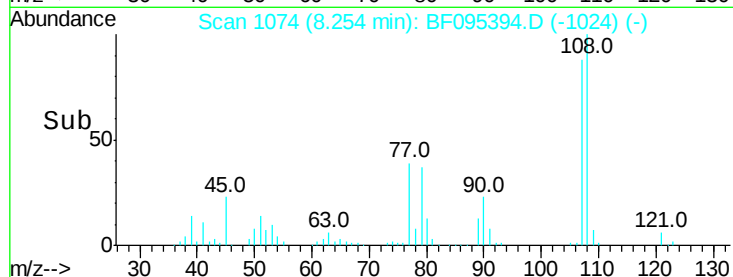
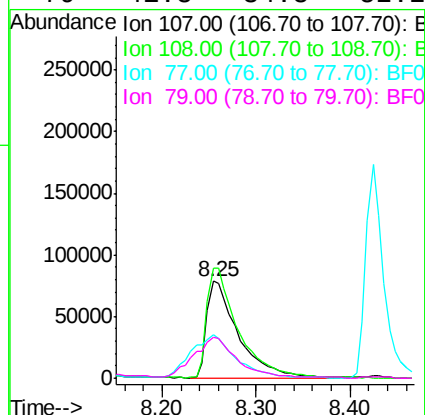
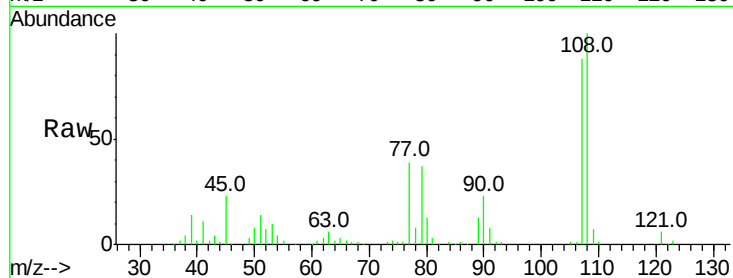




#17
 2-Methylphenol
 Concen: 35.91 ng
 RT: 8.25 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

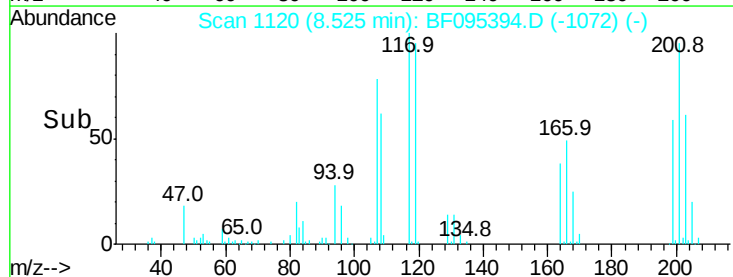
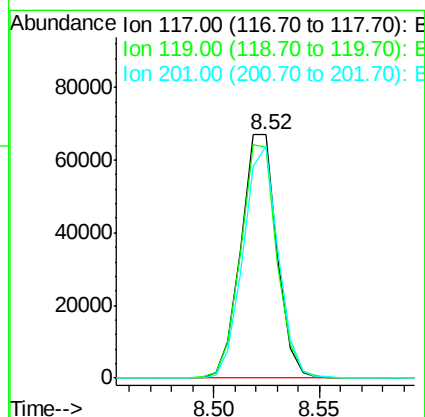
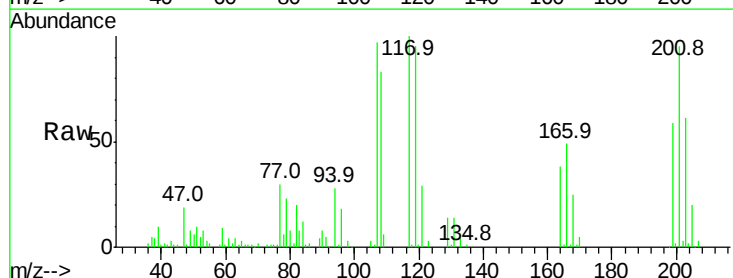
Instrument :
 BNA_F
 ClientSampleId :

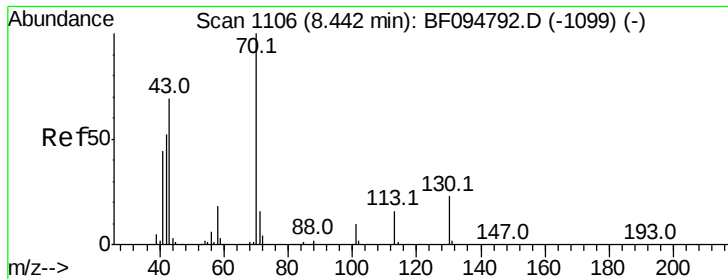
Tot Ion:	107	Resp:	186139
Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.4	140.0
77	44.4	35.8	53.6
79	41.8	34.8	52.2



#18
 Hexachloroethane
 Concen: 32.02 ng
 RT: 8.52 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:	117	Resp:	79030
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	95.4	94.6	141.8

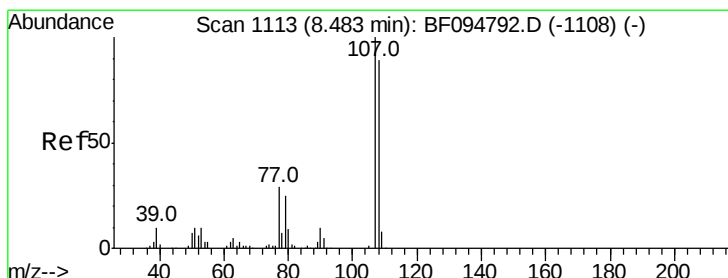
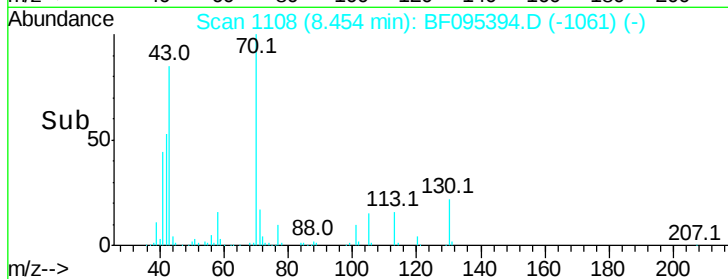
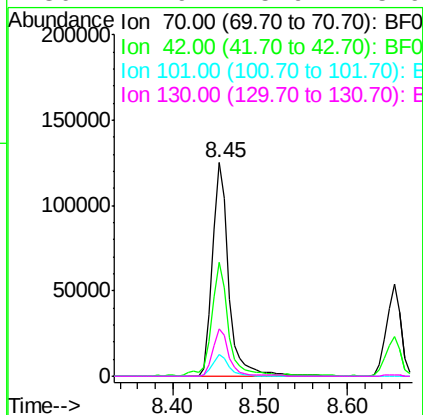
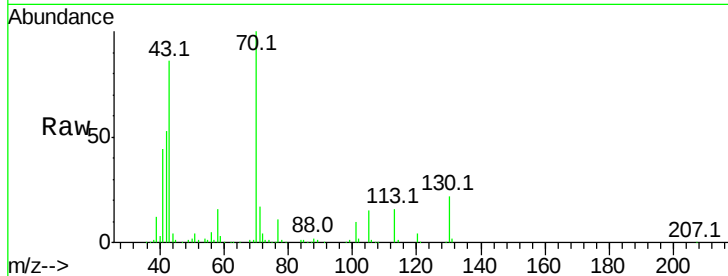




#19
n-Nitroso-di-n-propylamine
Concen: 35.97 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

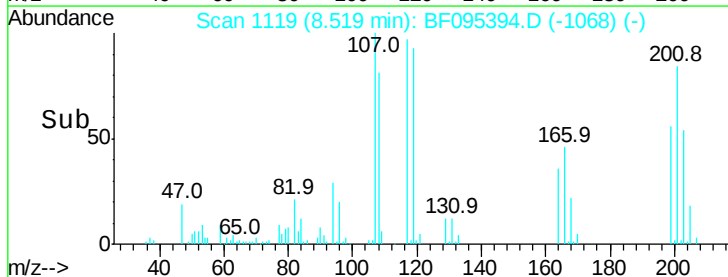
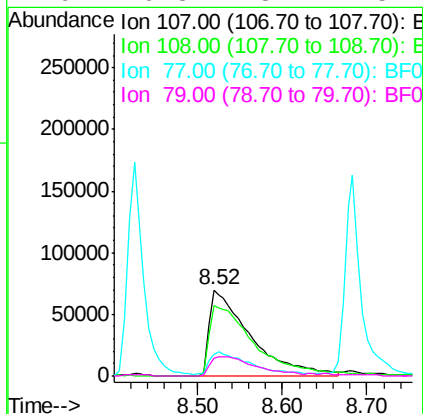
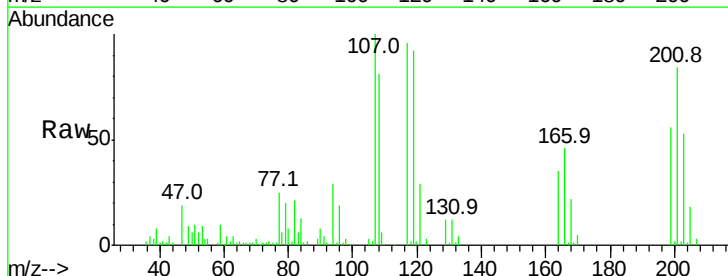
Instrument :
BNA_F
ClientSampleId :

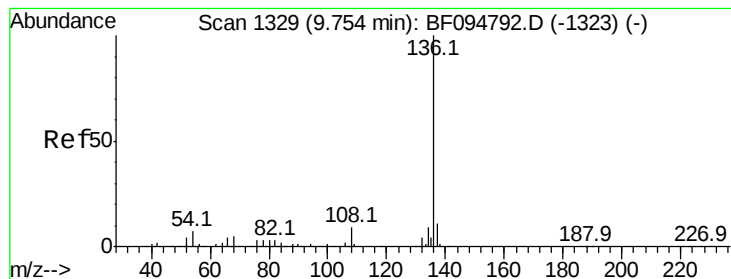
Tot Ion:	70	Resp:	162416
Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.2	70.8
101	10.4	7.2	10.8
130	21.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 33.34 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:	107	Resp:	234819
Ion	Ratio	Lower	Upper
107	100		
108	81.5	71.0	111.0
77	25.1	90.5	130.5#
79	20.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 363435

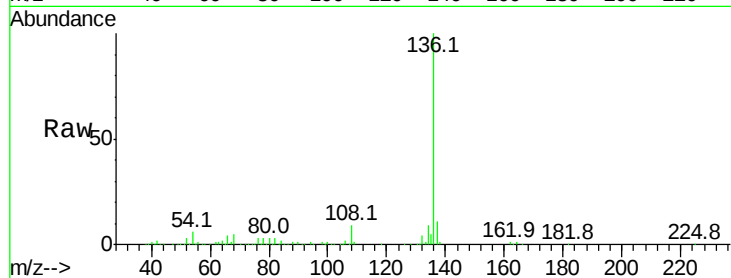
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

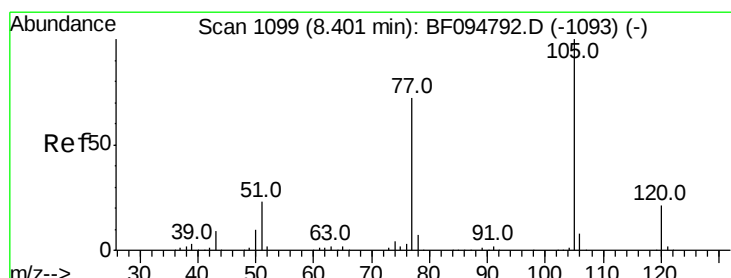
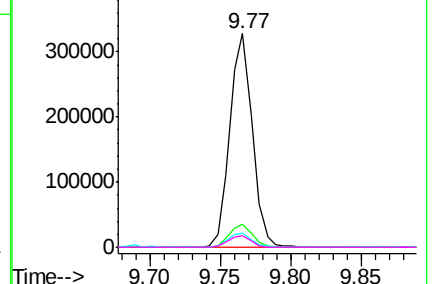
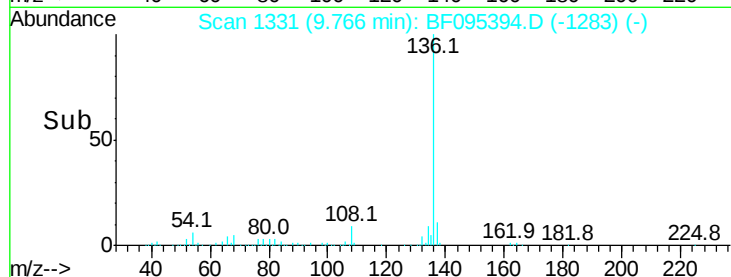


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.60 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:105 Resp: 327880

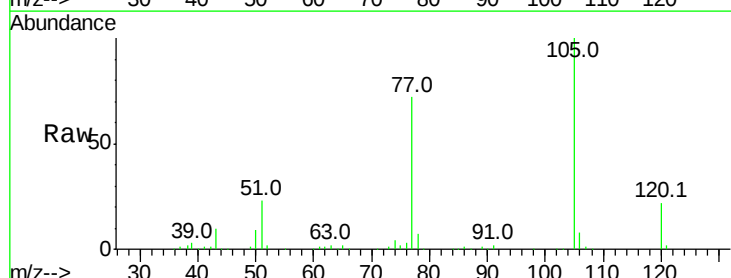
Ion Ratio Lower Upper

105 100

71 0.2 2.8 4.2#

51 23.4 30.7 46.1#

120 22.0 17.4 26.0

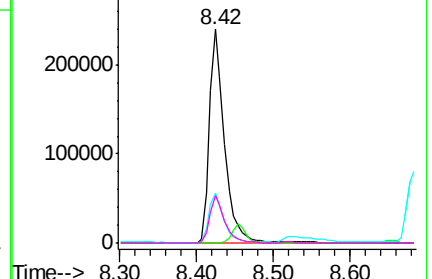
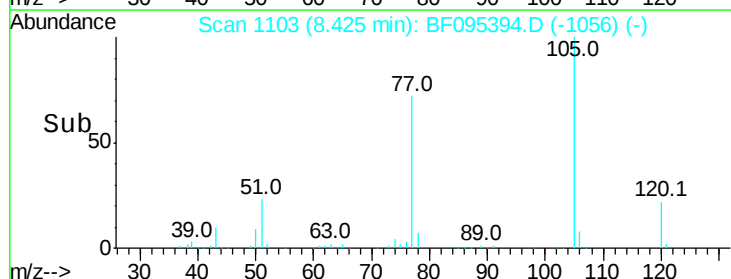


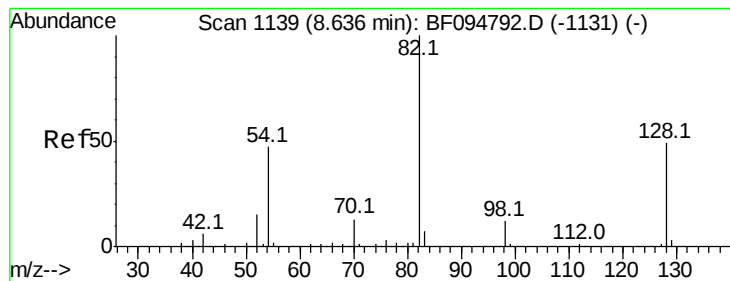
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.94 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

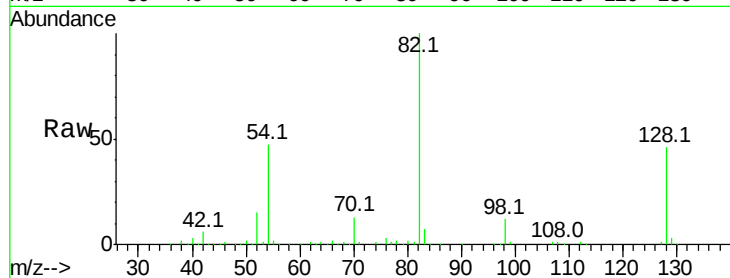
Tot Ion: 82 Resp: 478016

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

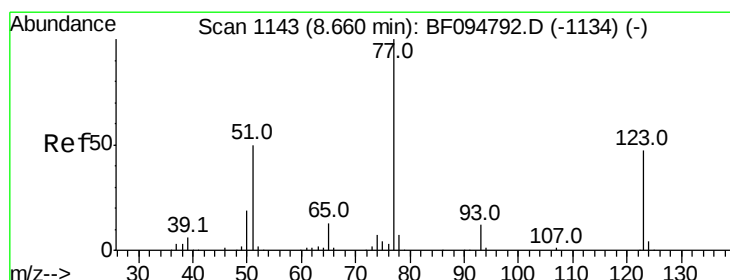
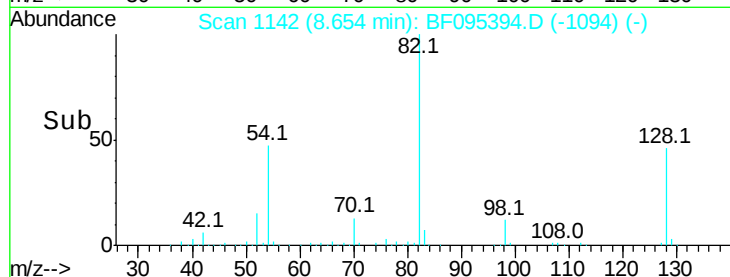
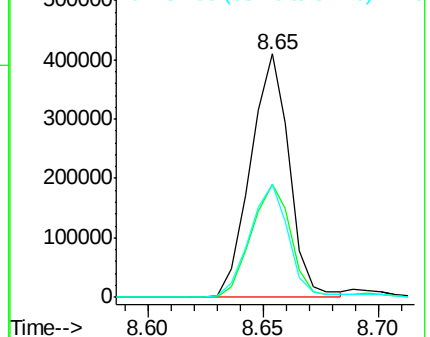
54 46.5 42.2 63.2



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: 36.16 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

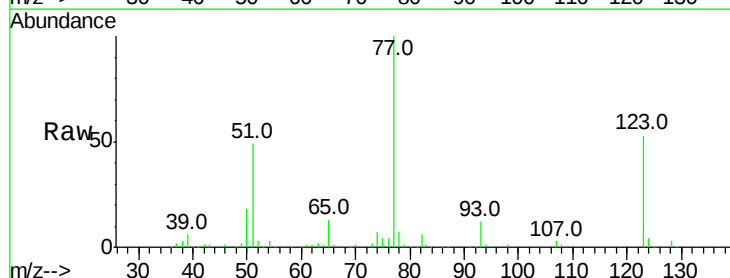
Tgt Ion: 77 Resp: 218417

Ion Ratio Lower Upper

77 100

123 53.2 35.8 53.8

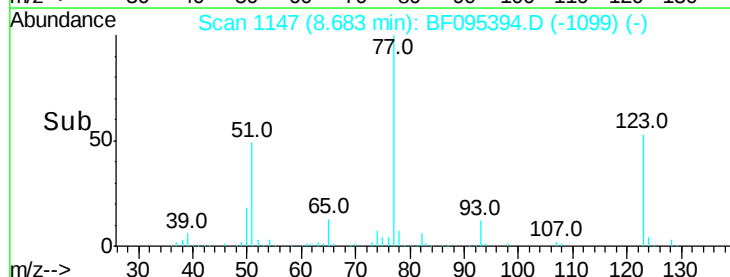
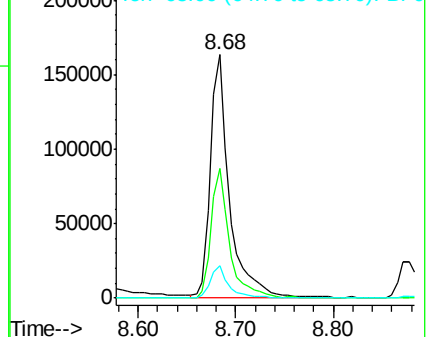
65 13.2 10.6 15.8

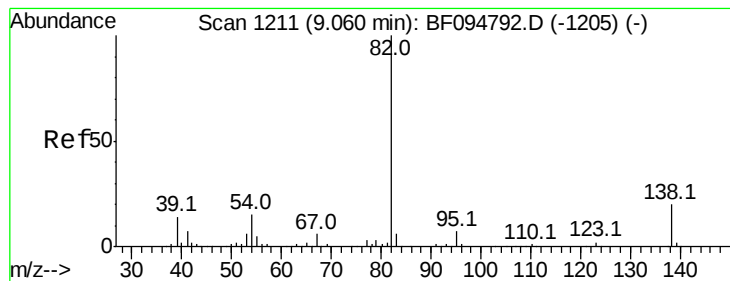


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.02 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

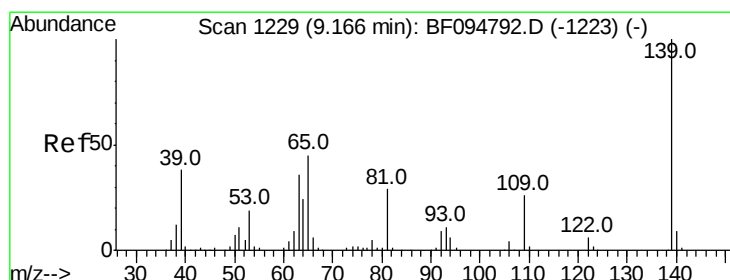
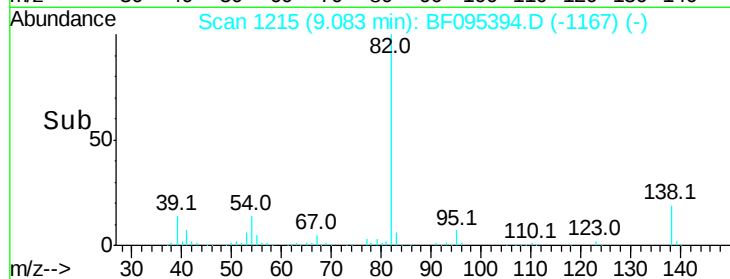
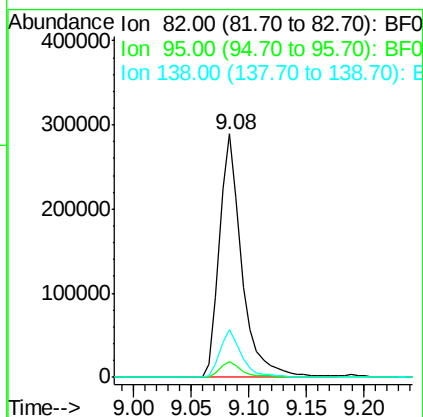
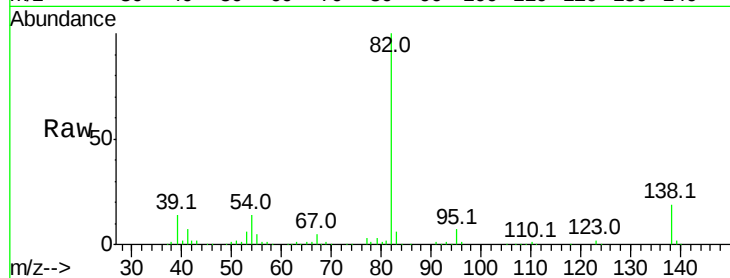
Tot Ion: 82 Resp: 391267

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 36.63 ng

RT: 9.19 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

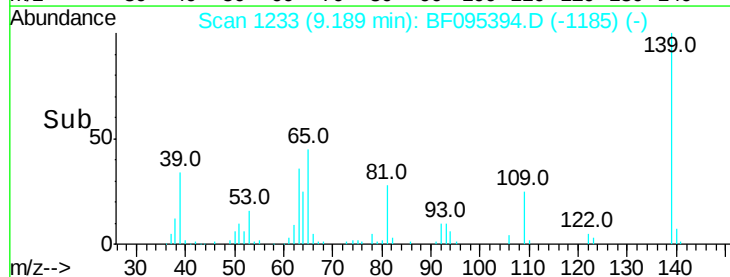
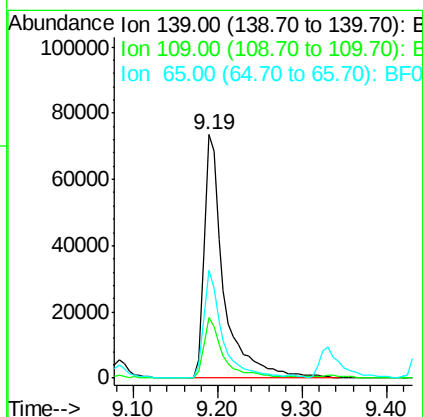
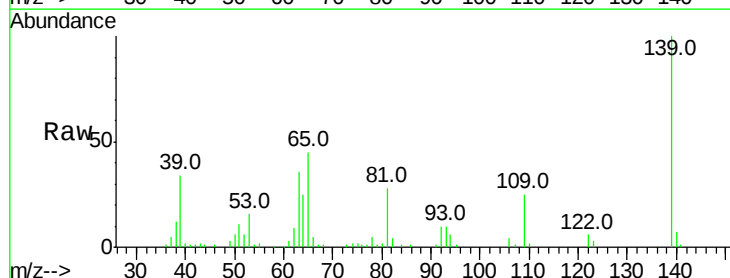
Tgt Ion: 139 Resp: 119420

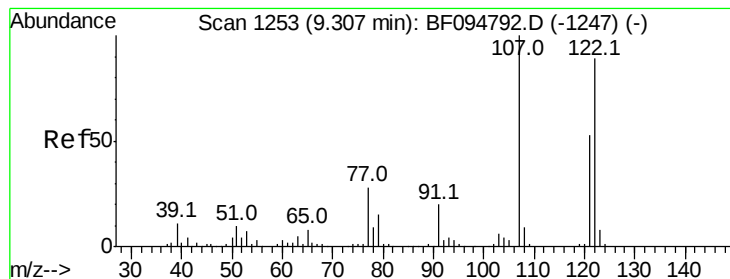
Ion Ratio Lower Upper

139 100

109 24.8 21.0 31.6

65 44.5 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 37.75 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

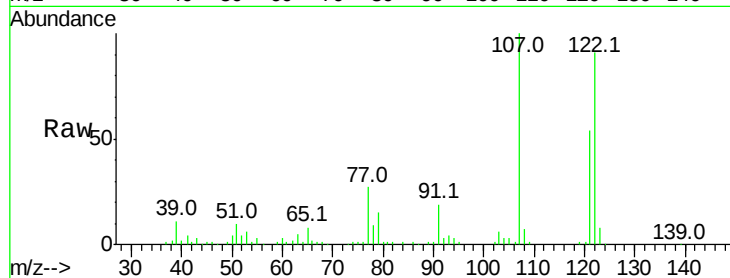
Tot Ion:122 Resp: 198950

Ion Ratio Lower Upper

122 100

107 109.6 89.2 133.8

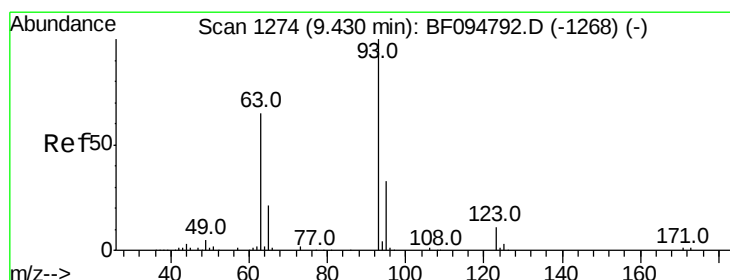
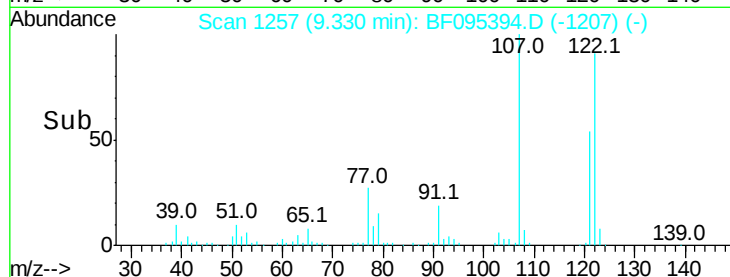
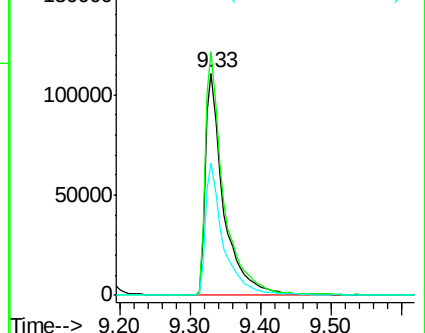
121 59.6 45.2 67.8



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: 36.91 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

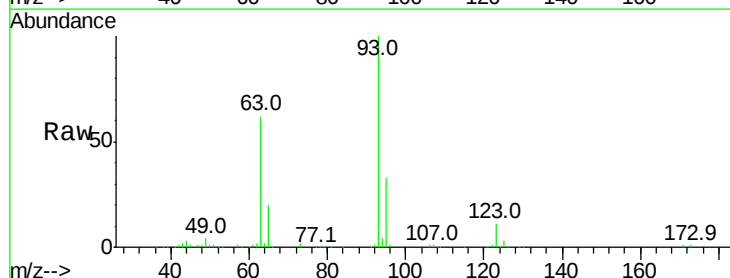
Tgt Ion: 93 Resp: 262783

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

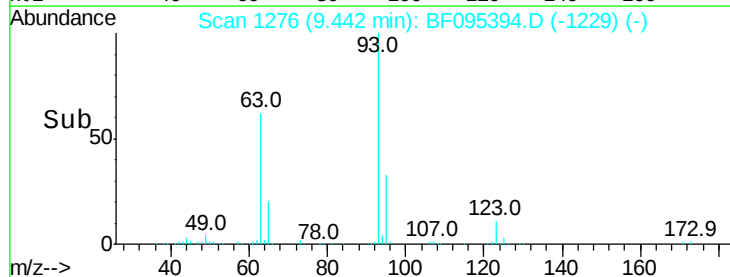
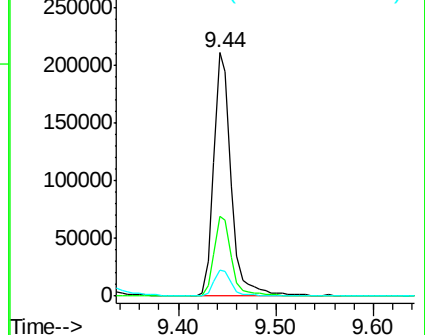
123 10.7 9.0 13.4

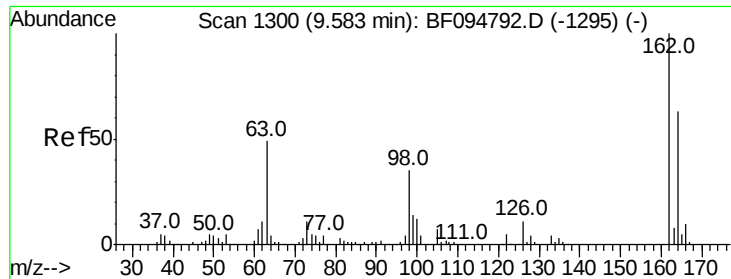


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

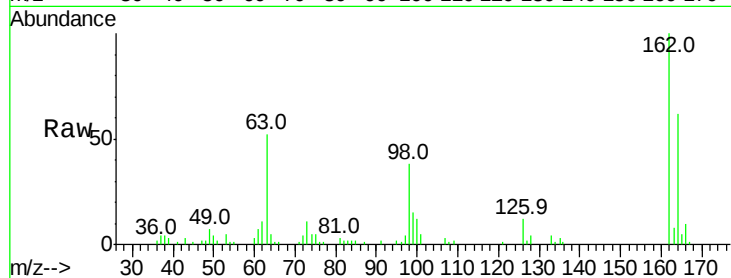




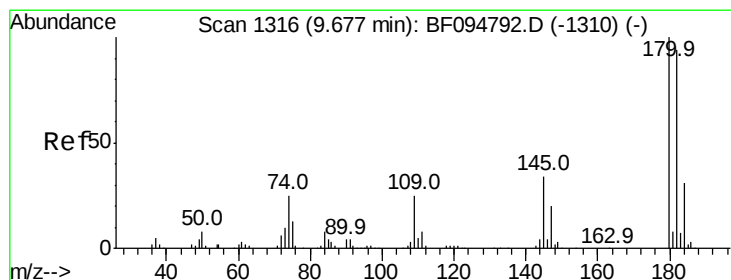
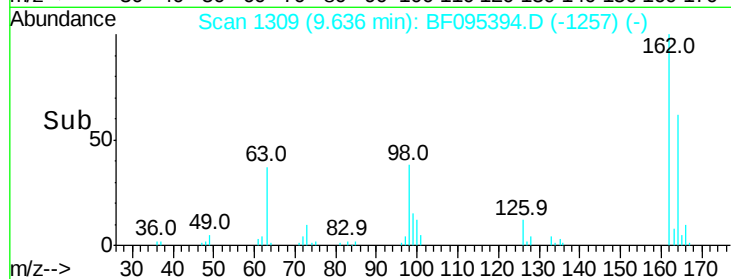
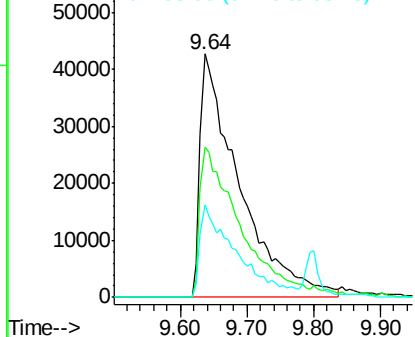
#29
 2,4-Dichlorophenol
 Concen: 34.76 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 172957
 Ion Ratio Lower Upper
 162 100
 164 61.7 44.6 84.6
 98 37.8 14.8 54.8

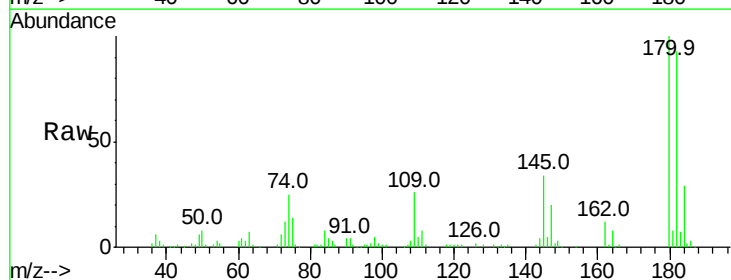


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

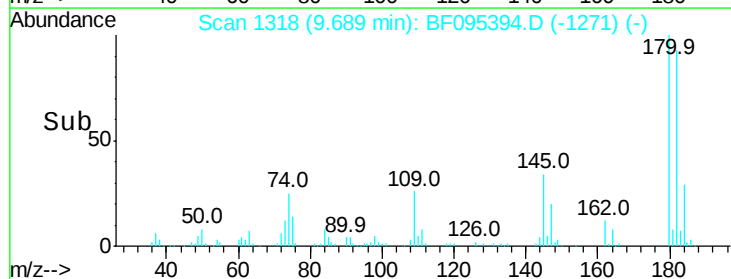
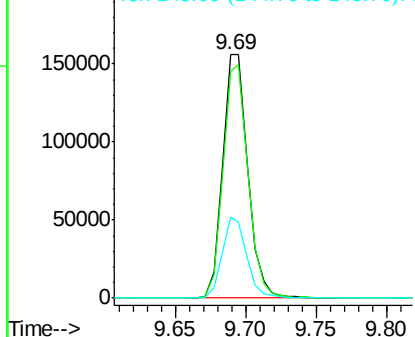


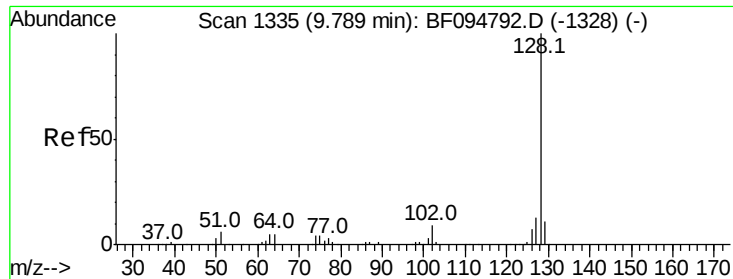
#30
 1,2,4-Trichlorobenzene
 Concen: 36.10 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:180 Resp: 192444
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.8 113.6
 145 33.5 25.3 37.9



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

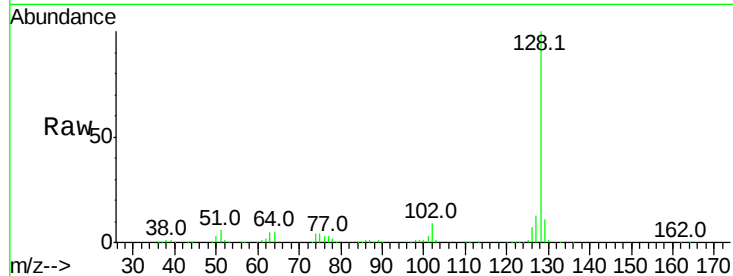




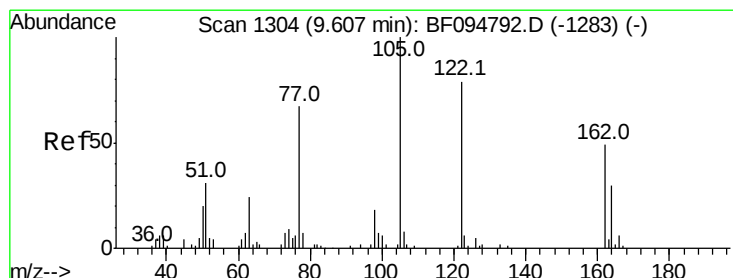
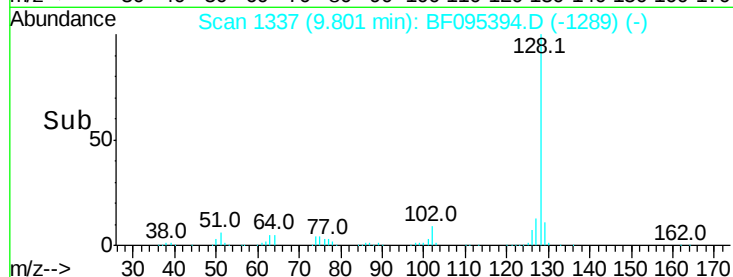
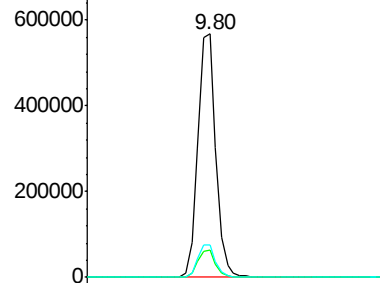
#31
Naphthalene
Concen: 38.10 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 695904
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2

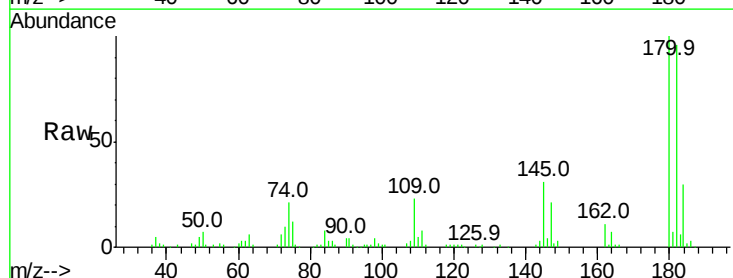


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

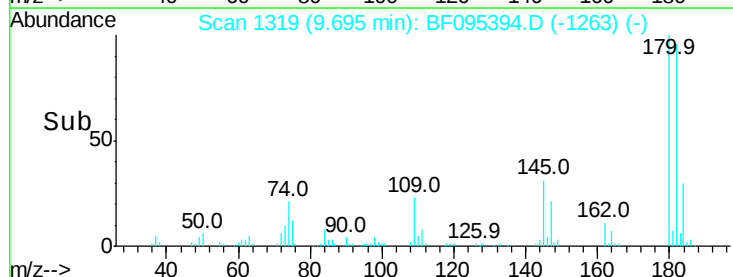
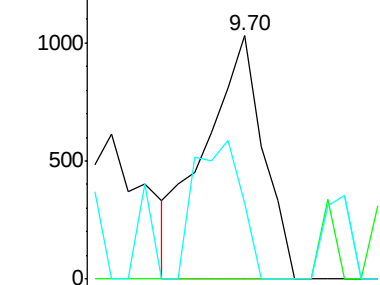


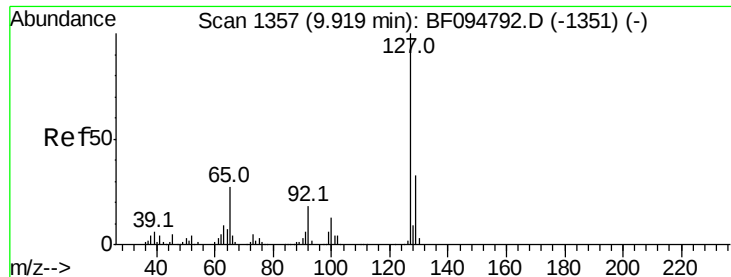
#32
Benzoic acid
Concen: 5.47 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.03 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:122 Resp: 1483
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 31.2 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

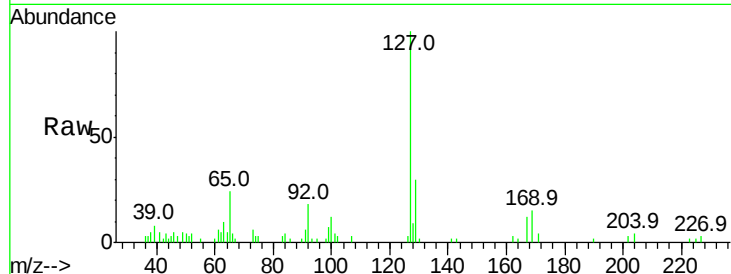




#33
4-Chloroaniline
Concen: 9.33 ng
RT: 9.99 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.2	39.2
65	24.3	27.8	41.8#
92	17.7	16.8	25.2



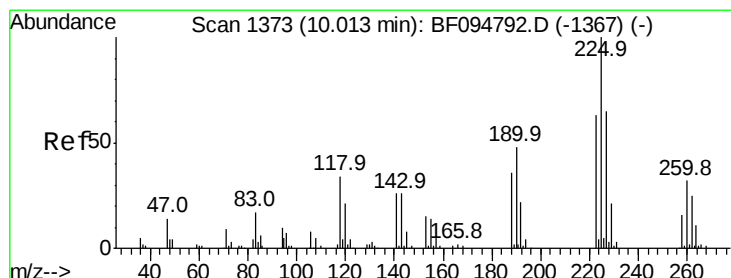
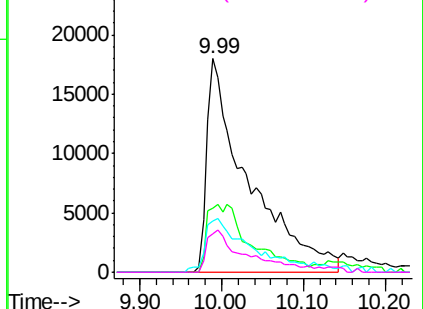
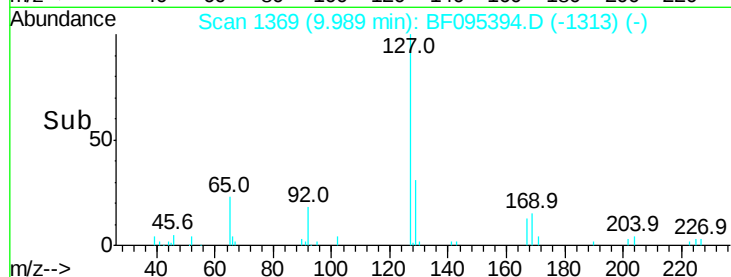
Abundance

Ion 129.00 (126.70 to 129.70): E

Ion 129.00 (128.70 to 129.70): E

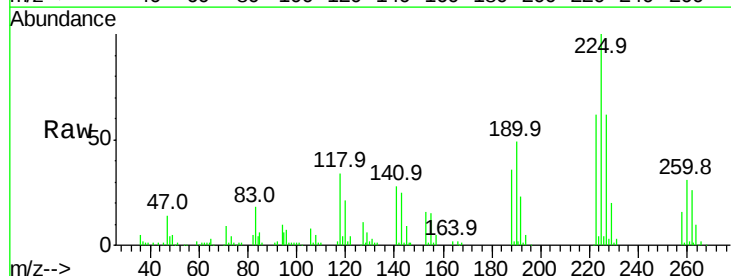
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 33.03 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	62.2	51.1	76.7

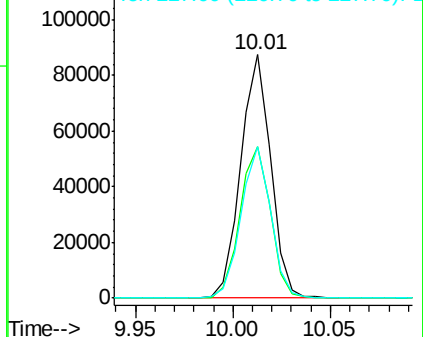
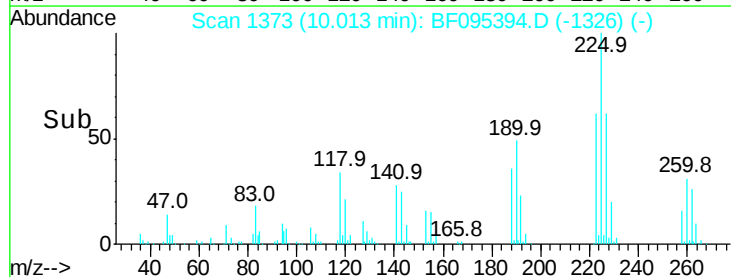


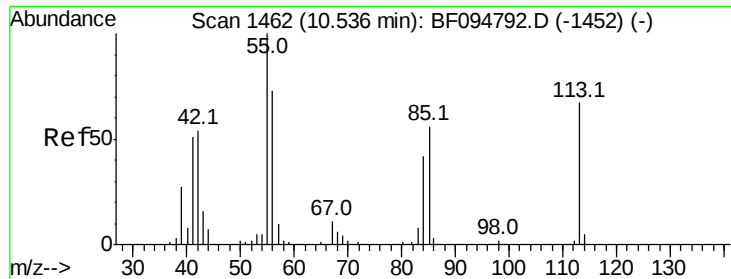
Abundance

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: 23.45 ng

RT: 10.56 min Scan# 1466

Delta R.T. -0.04 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampled :

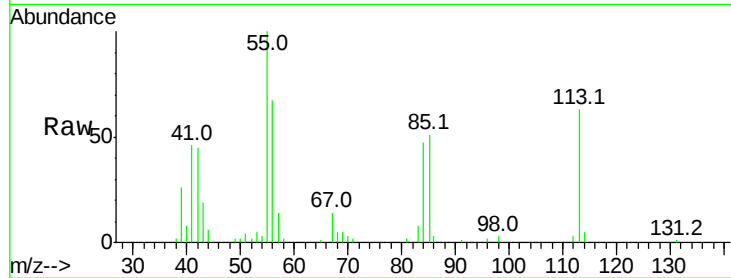
Tot Ion:113 Resp: 35042

Ion Ratio Lower Upper

113 100

55 159.5 150.2 190.2

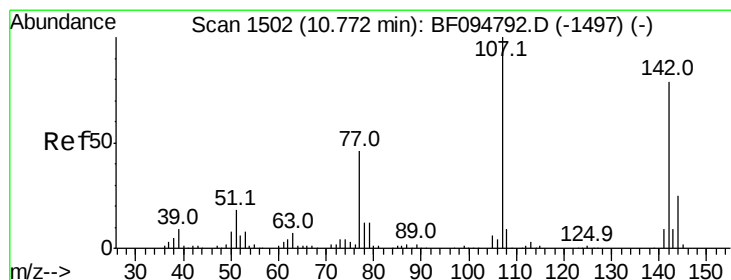
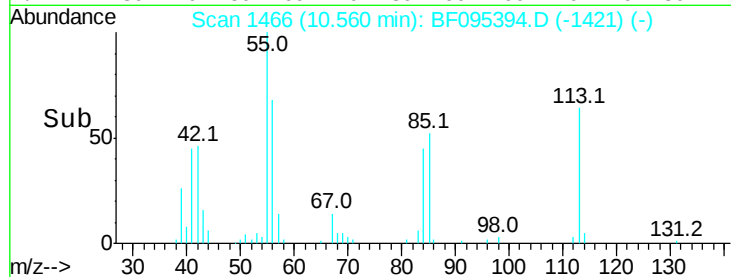
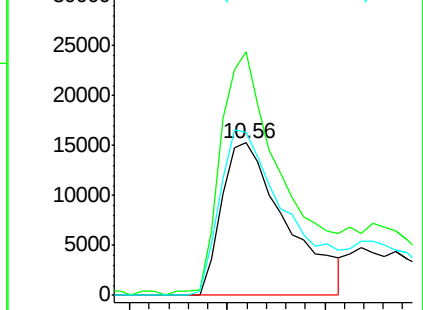
56 106.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.54 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

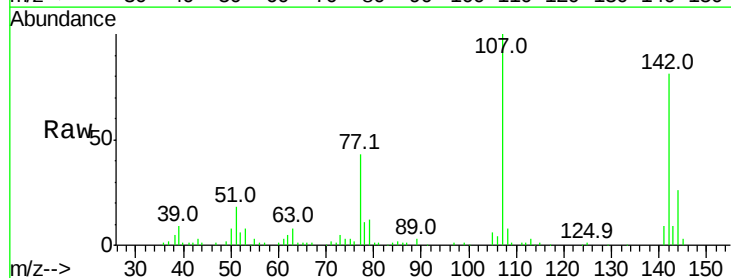
Tgt Ion:107 Resp: 178427

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

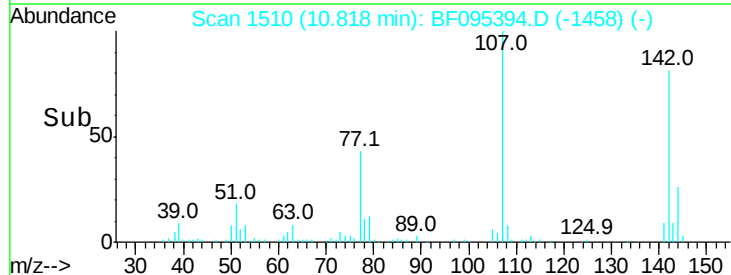
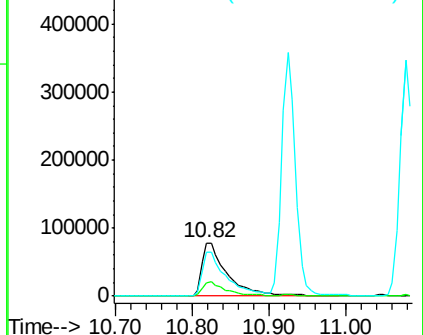
142 81.0 73.4 110.0

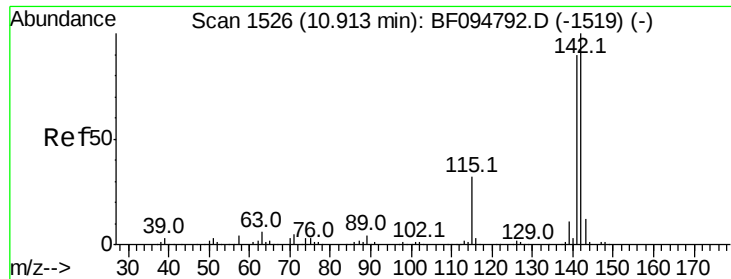


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

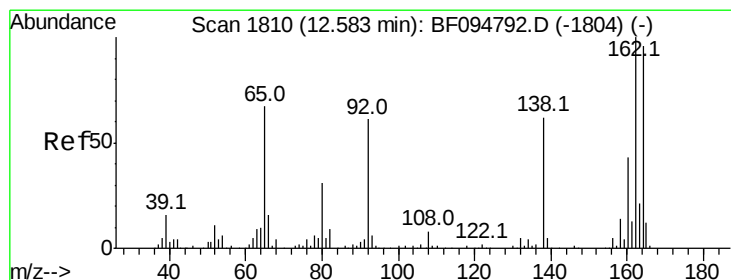
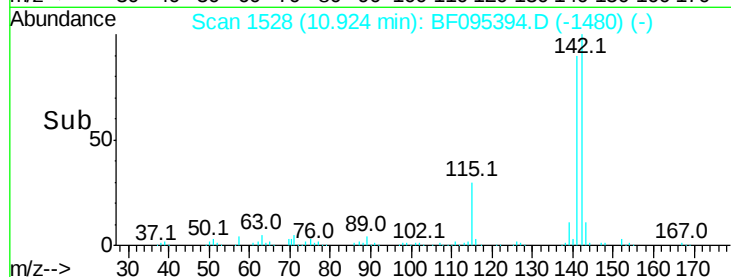
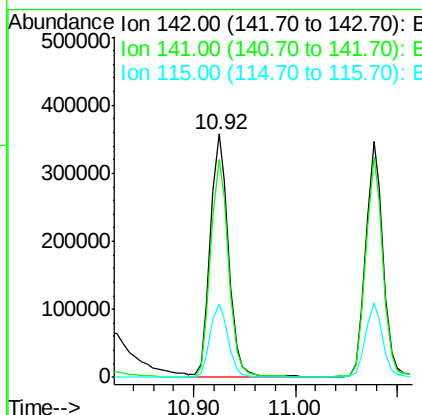
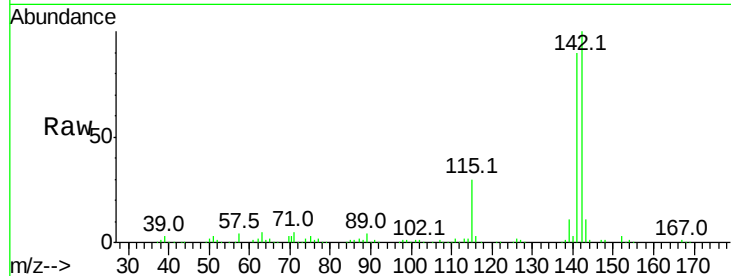




#37
2-Methylnaphthalene
Concen: 37.44 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

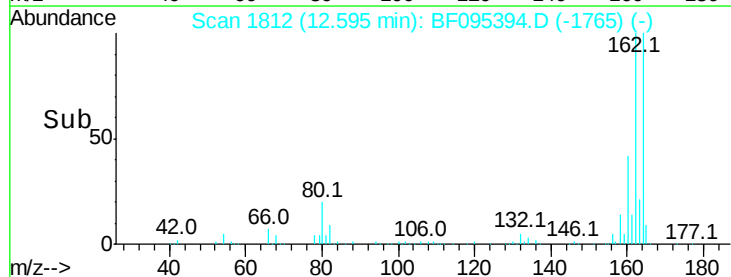
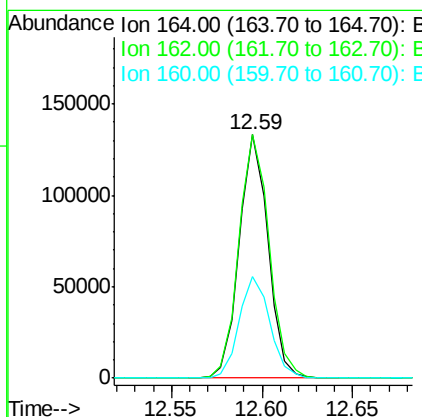
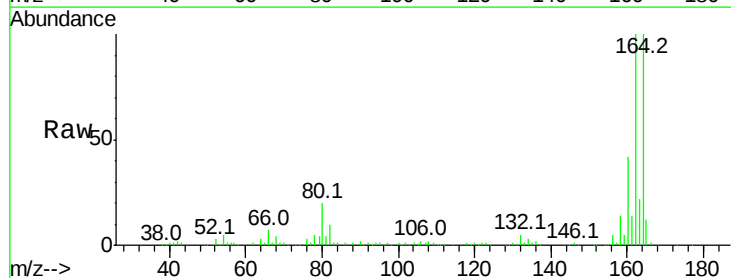
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 448798
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 30.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:164 Resp: 146676
Ion Ratio Lower Upper
164 100
162 100.0 82.6 123.8
160 41.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.92 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 166518

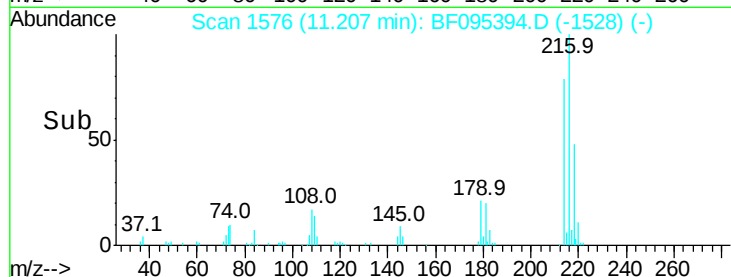
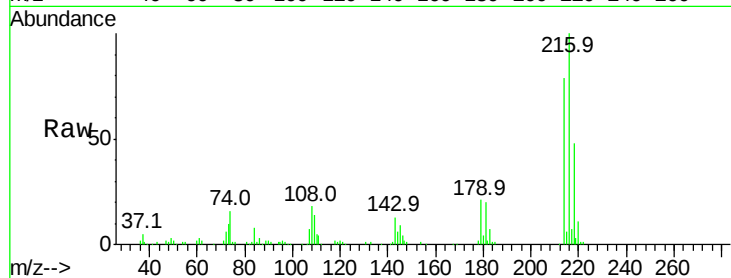
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.2 17.9 26.9

108 18.2 16.5 24.7

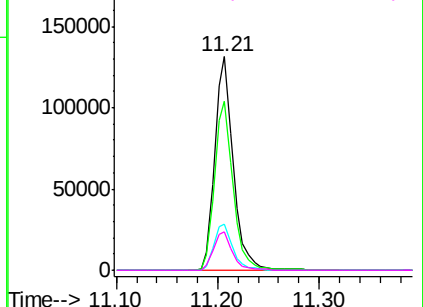


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.02 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

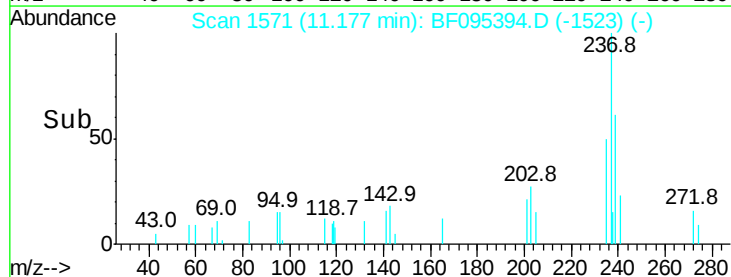
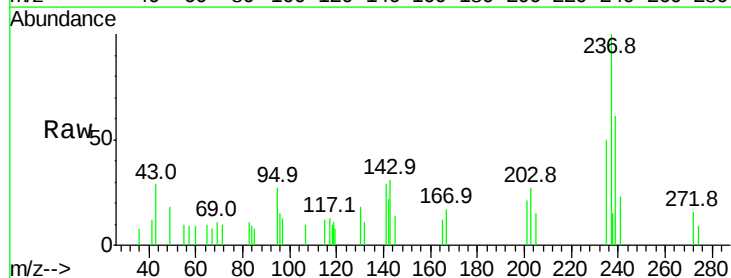
Tgt Ion:237 Resp: 4040

Ion Ratio Lower Upper

237 100

235 50.0 42.6 82.6

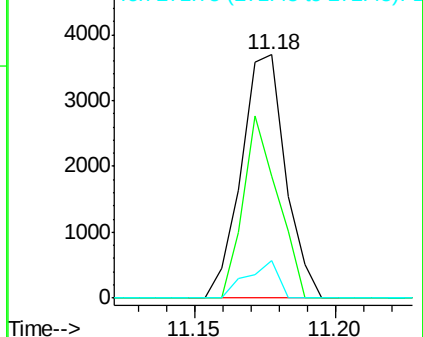
272 15.6 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

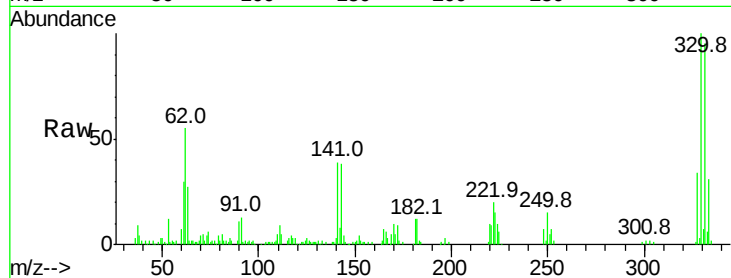




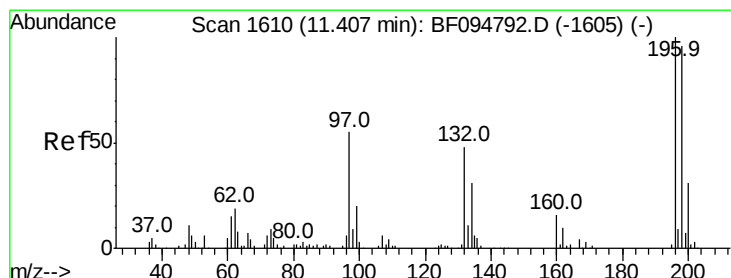
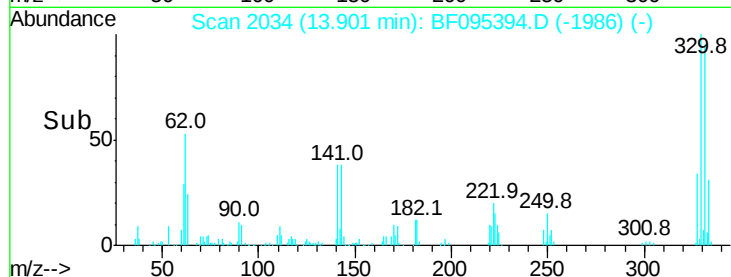
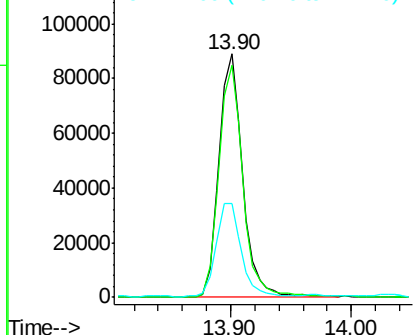
#41
 2,4,6-Tribromophenol
 Concen: 100.51 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	39.8	31.4	47.2

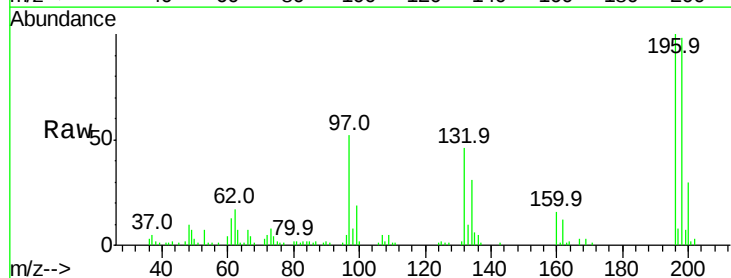


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

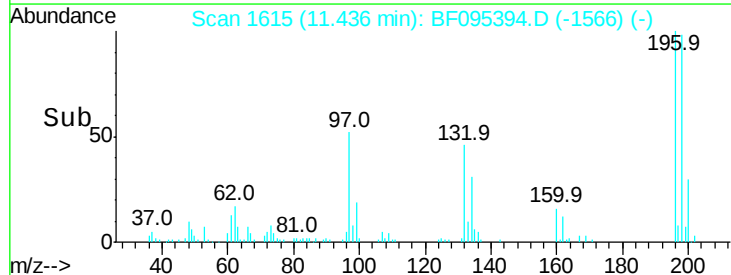
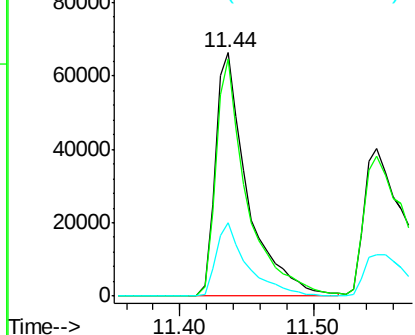


#42
 2,4,6-Trichlorophenol
 Concen: 37.20 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.2	111.4
200	30.1	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

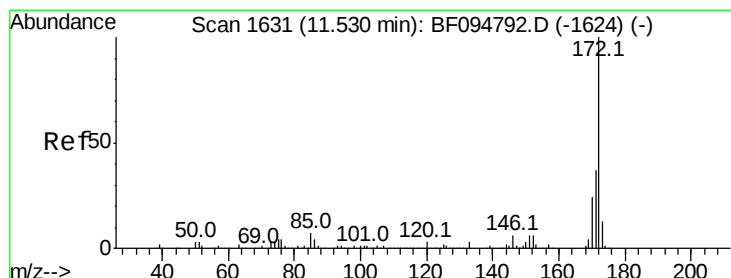
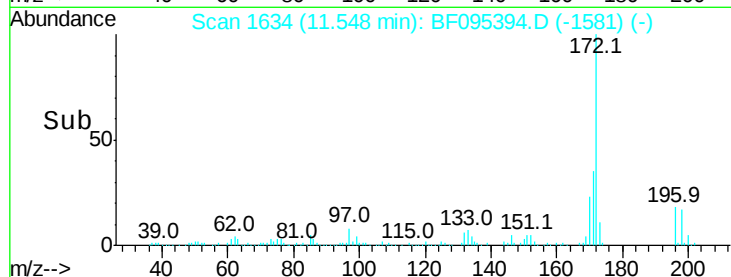
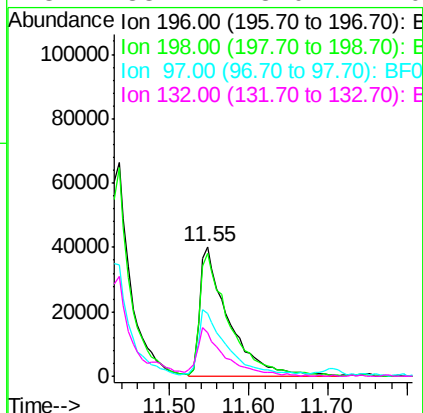
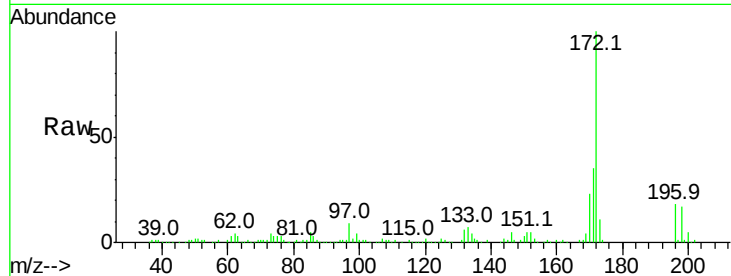




#43
 2,4,5-Trichlorophenol
 Concen: 31.48 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

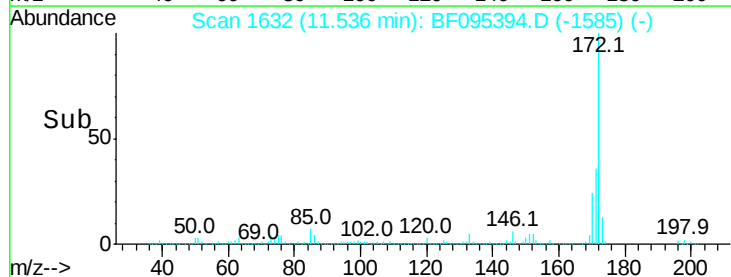
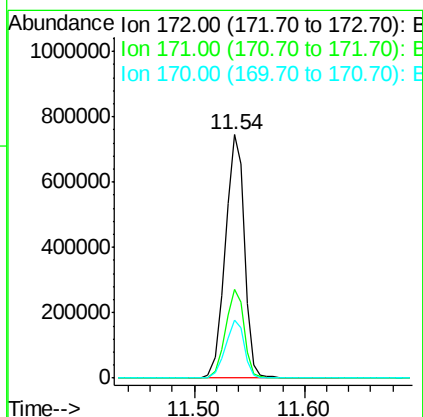
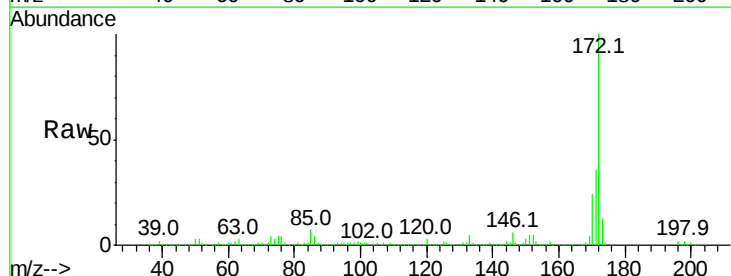
Instrument :
 BNA_F
 ClientSampleId :

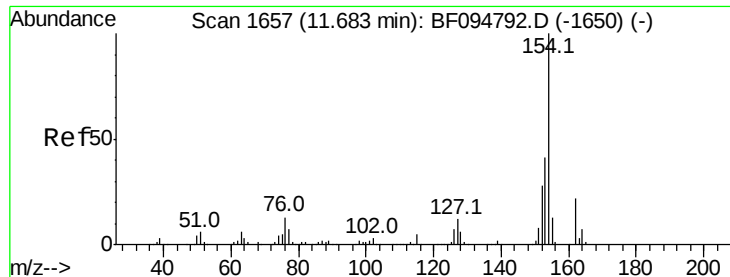
Tot Ion	196	Resp	101885
Ion Ratio	100	Lower	Upper
196	100		
198	94.6	75.7	113.5
97	48.9	47.7	71.5
132	33.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 88.61 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	172	Resp	903030
Ion Ratio	100	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	19.8	29.8

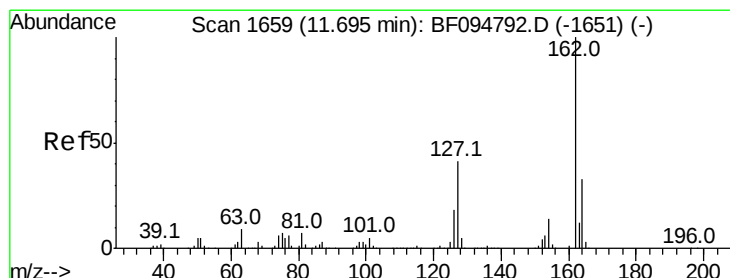
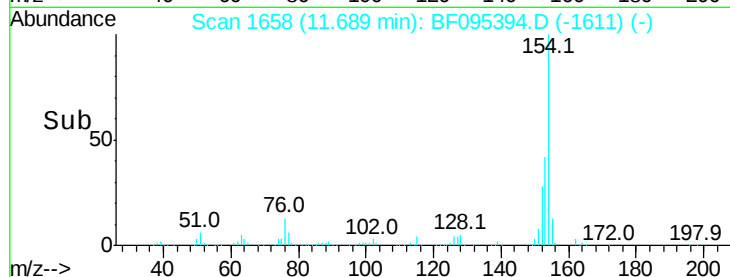
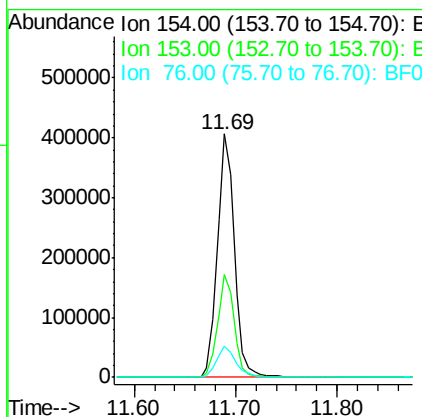
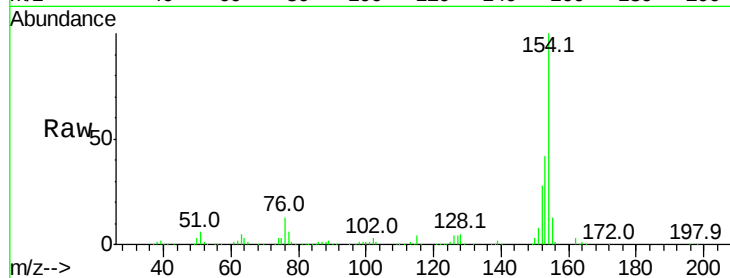




#45
 1,1'-Biphenyl
 Concen: 38.53 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

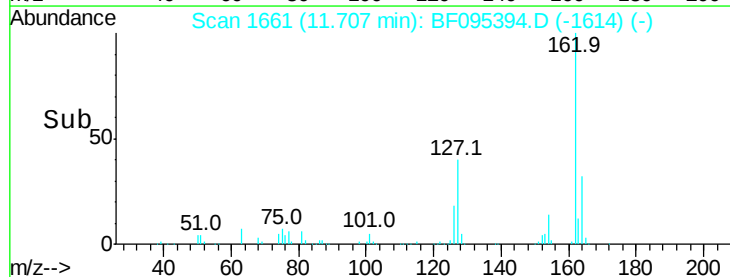
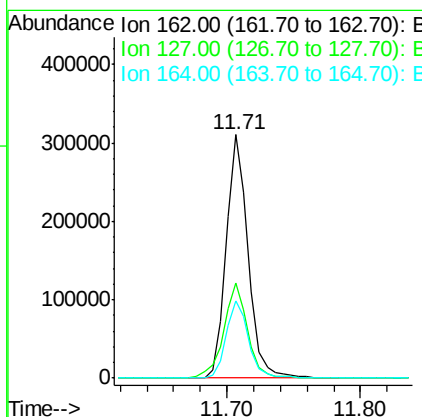
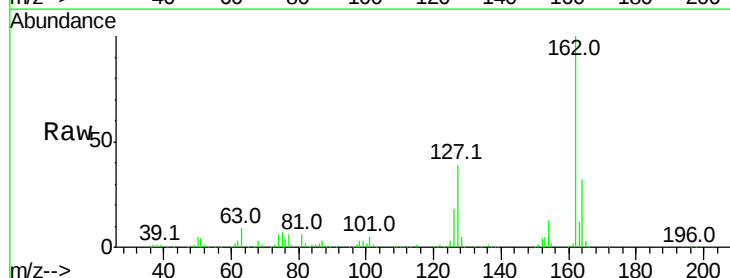
Instrument :
 BNA_F
 ClientSampleId :

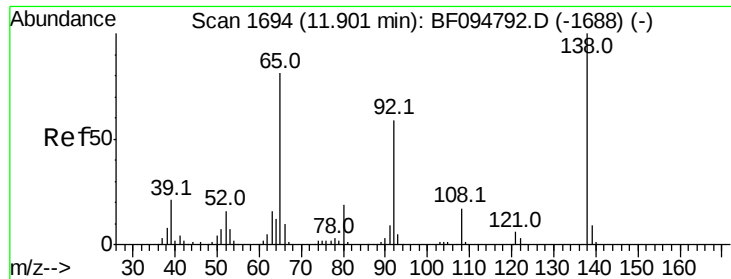
Tot Ion:154 Resp: 475839
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.2 61.2
 76 12.9 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 36.07 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:162 Resp: 359659
 Ion Ratio Lower Upper
 162 100
 127 39.1 28.3 42.5
 164 31.7 27.0 40.4





#47

2-Nitroaniline

Concen: 32.10 ng

RT: 11.94 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

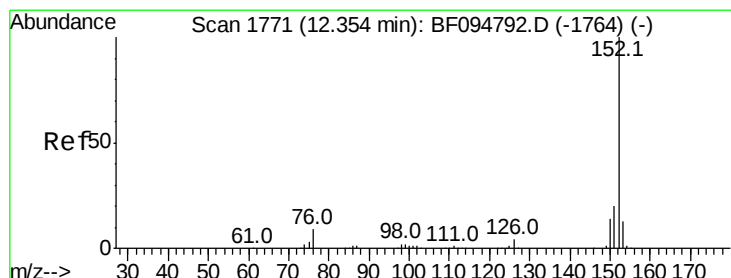
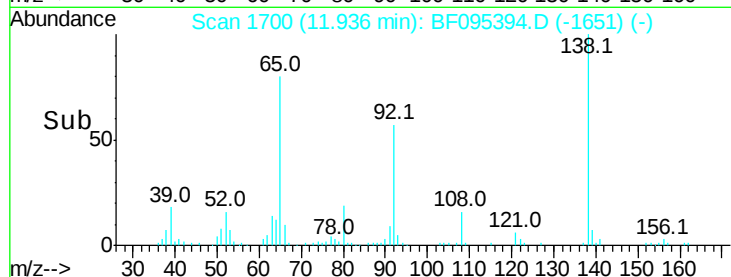
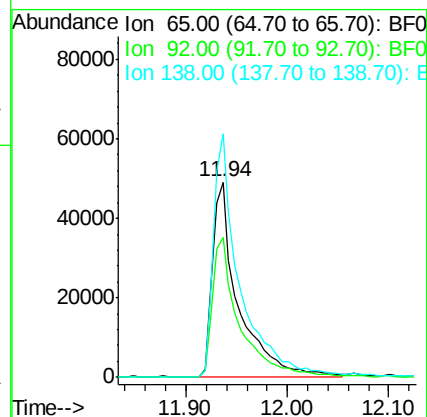
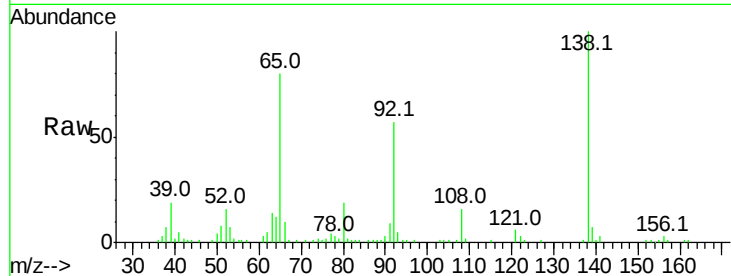
Tot Ion: 65 Resp: 87621

Ion Ratio Lower Upper

65 100

92 71.7 53.9 80.9

138 124.7 78.8 118.2#



#48

Acenaphthylene

Concen: 40.72 ng

RT: 12.37 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

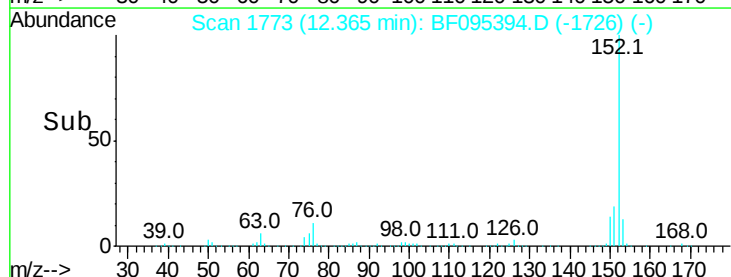
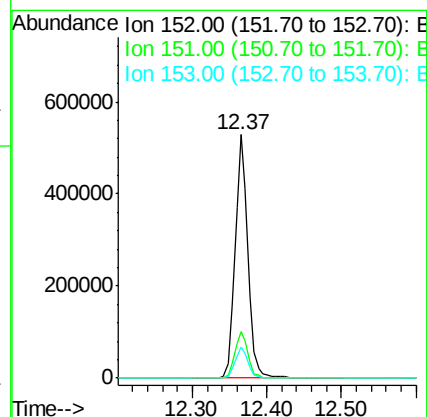
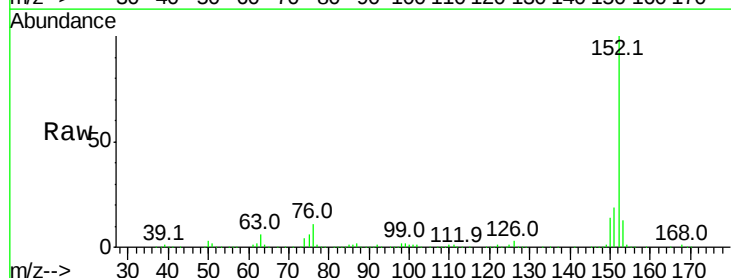
Tgt Ion:152 Resp: 635941

Ion Ratio Lower Upper

152 100

151 19.3 16.8 25.2

153 12.6 10.8 16.2





#49

Dimethylphthalate

Concen: 50.24 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

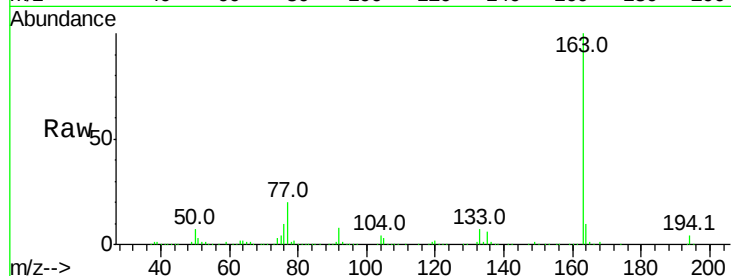
Tot Ion:163 Resp: 605015

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

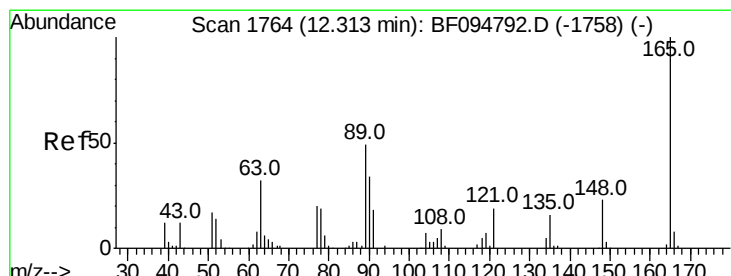
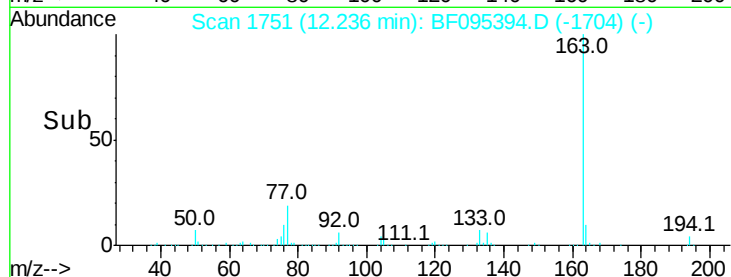
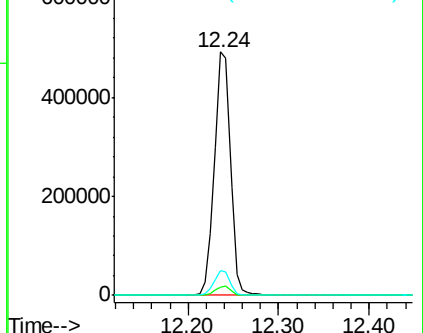
164 10.1 8.4 12.6



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: 34.79 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

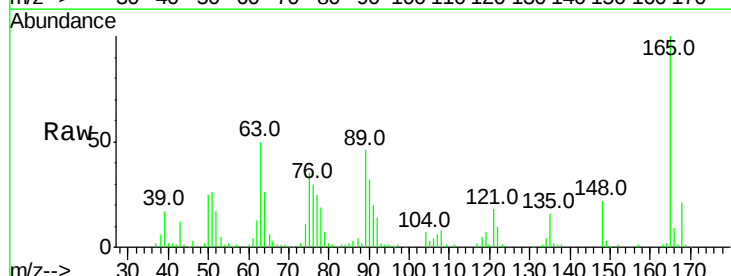
Tgt Ion:165 Resp: 85471

Ion Ratio Lower Upper

165 100

63 49.9 34.3 51.5

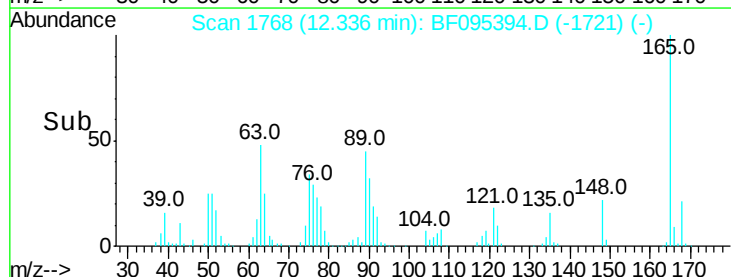
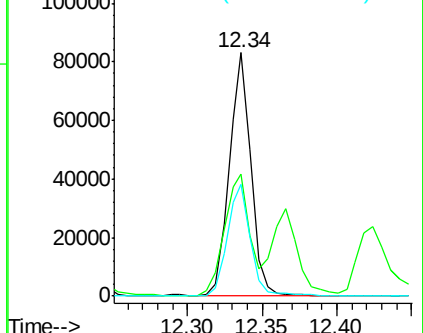
89 45.8 37.1 55.7

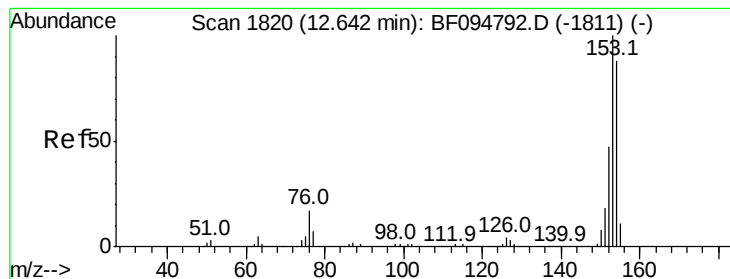


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.57 ng

RT: 12.65 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampled :

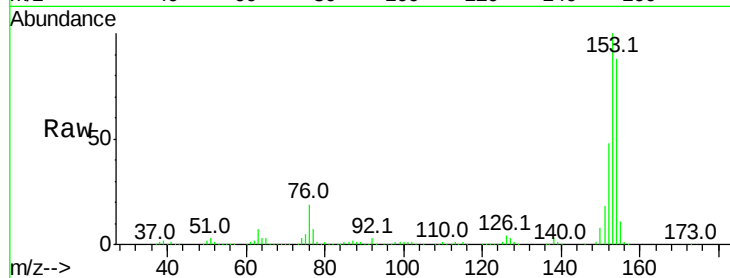
Tot Ion:154 Resp: 359796

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

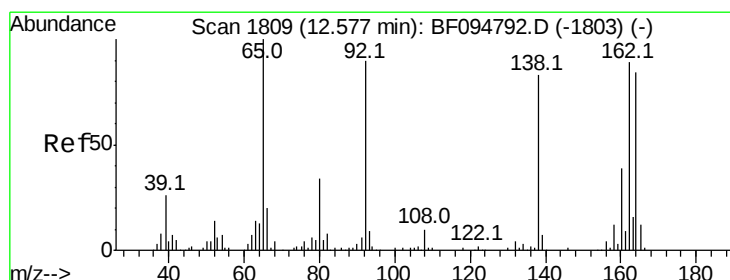
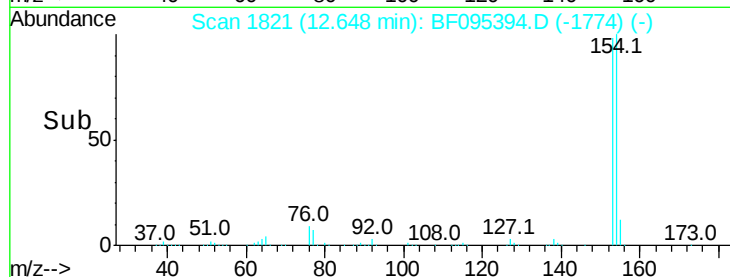
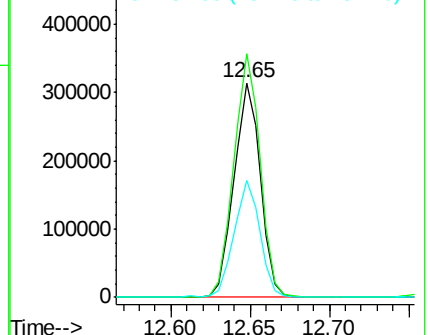
152 54.5 43.6 65.4



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: 22.78 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

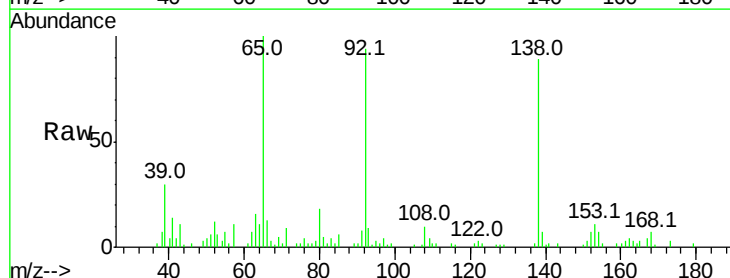
Tgt Ion:138 Resp: 60065

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

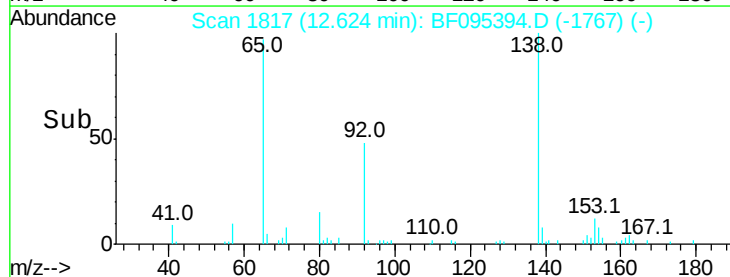
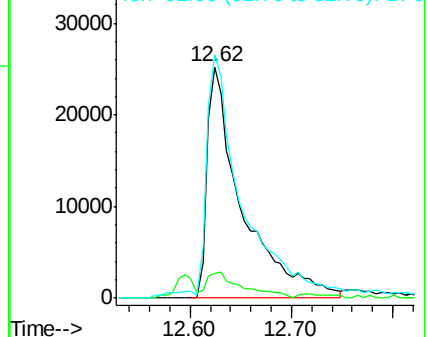
92 105.3 93.8 140.6

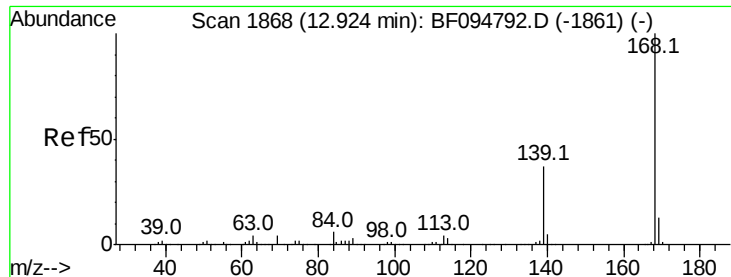


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

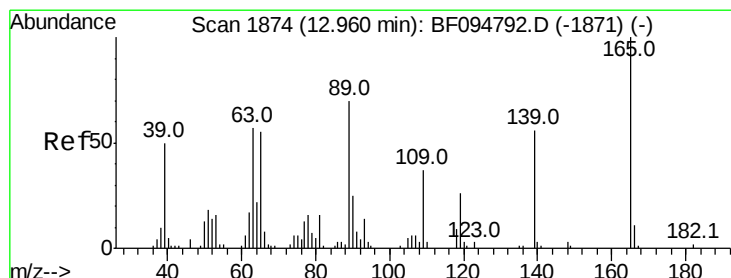
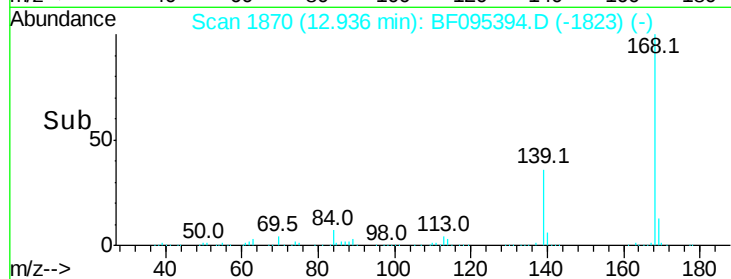
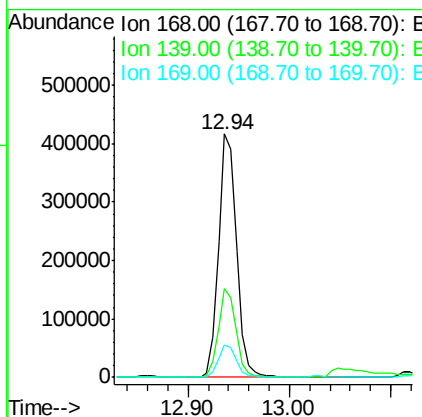
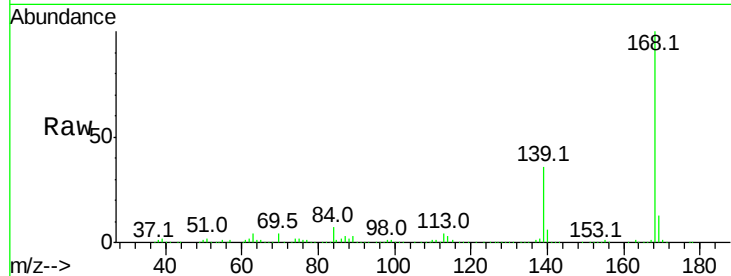




#54
Dibenzofuran
Concen: 39.78 ng
RT: 12.94 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

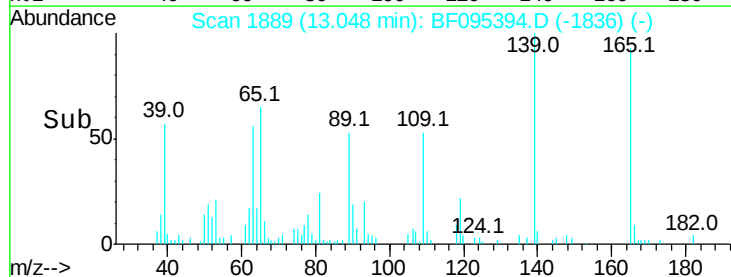
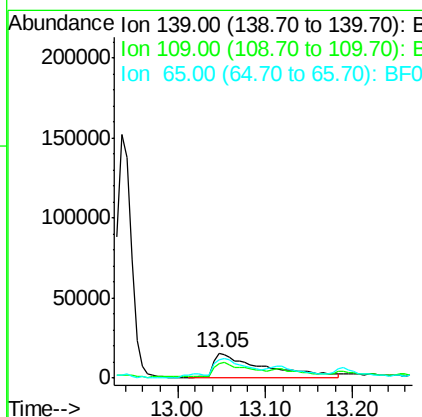
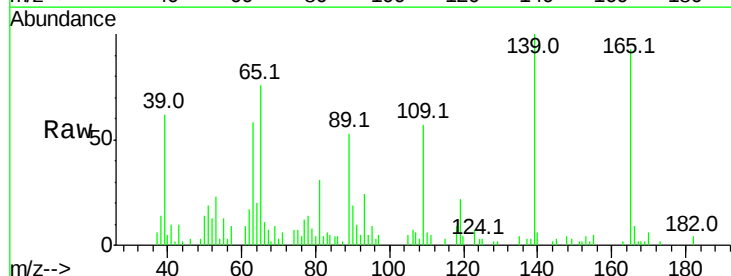
Instrument :
BNA_F
ClientSampleId :

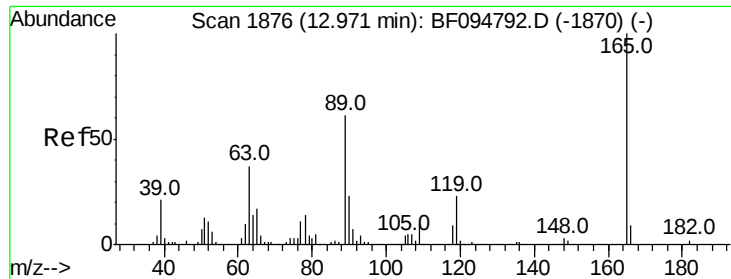
Tot Ion:168 Resp: 513469
Ion Ratio Lower Upper
168 100
139 36.5 30.6 45.8
169 13.5 10.8 16.2



#55
4-Nitrophenol
Concen: 36.50 ng
RT: 13.05 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:139 Resp: 57804
Ion Ratio Lower Upper
139 100
109 57.1 34.1 74.1
65 75.6 31.4 71.4#

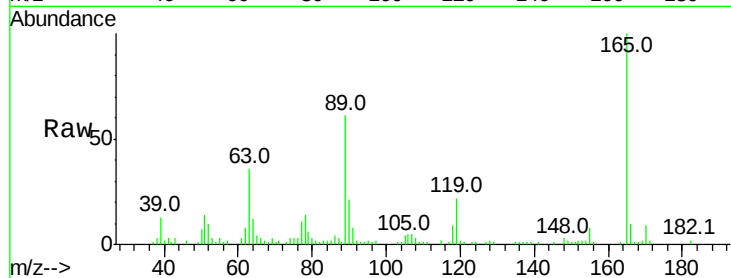




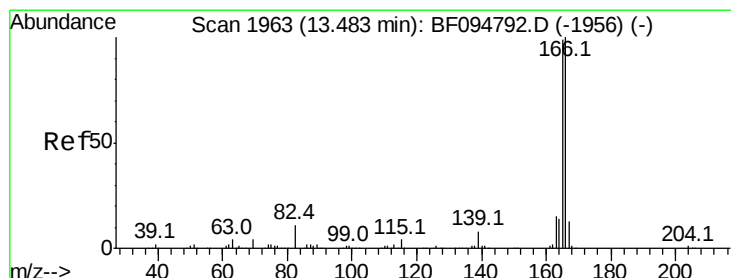
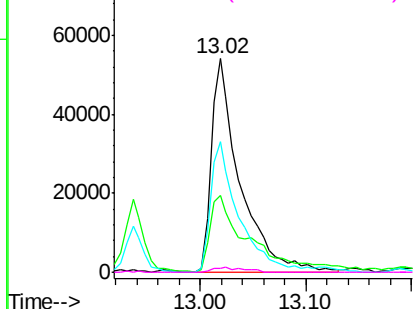
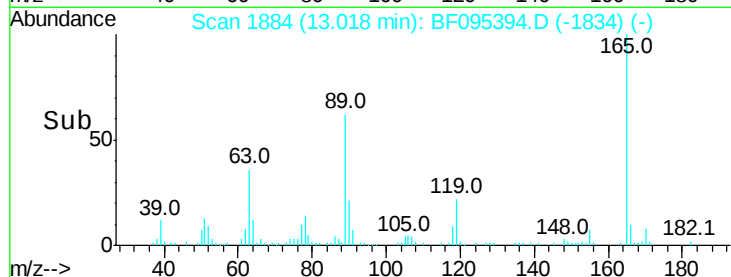
#56
2,4-Dinitrotoluene
Concen: 32.41 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 102316
Ion Ratio Lower Upper
165 100
63 36.2 25.4 38.0
89 61.4 46.4 69.6
182 1.7 1.8 2.6#

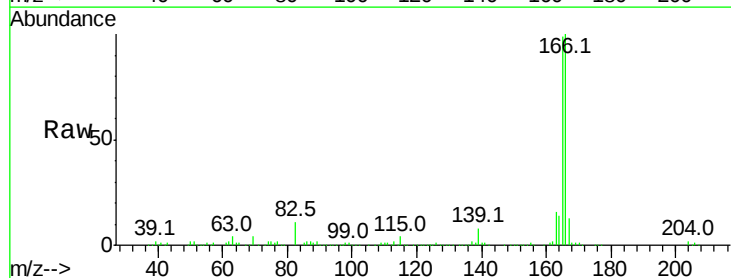


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

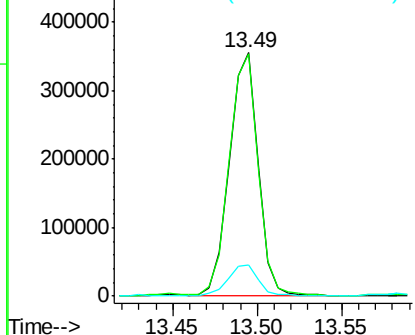
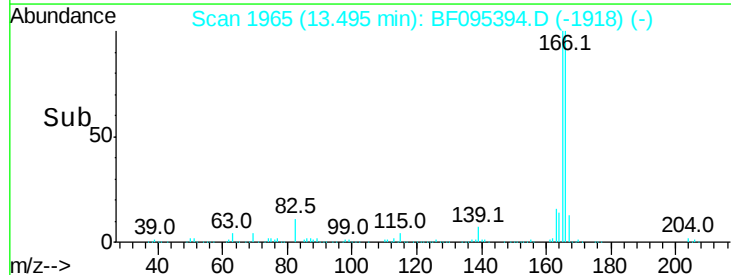


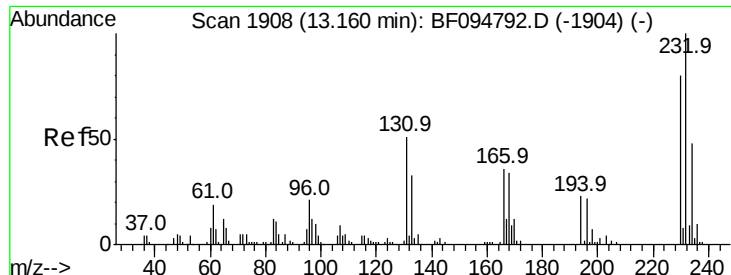
#57
Fluorene
Concen: 37.14 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:166 Resp: 416872
Ion Ratio Lower Upper
166 100
165 99.4 78.8 118.2
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

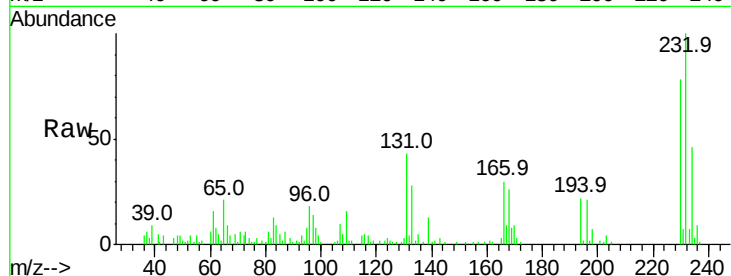




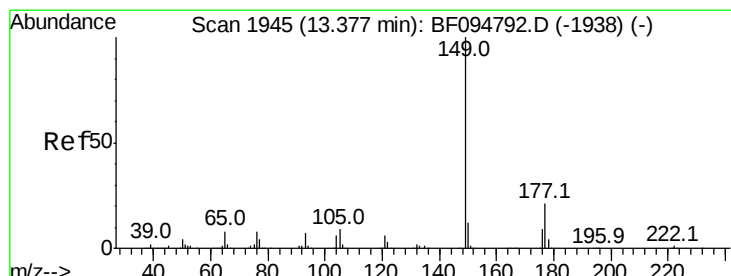
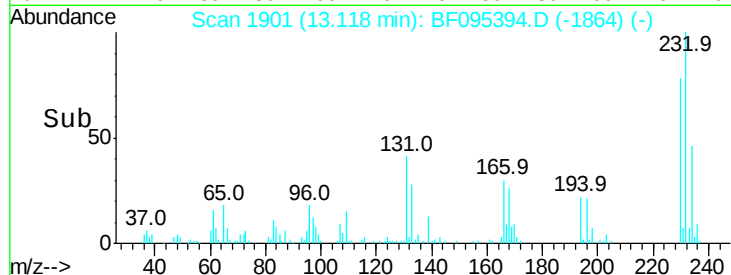
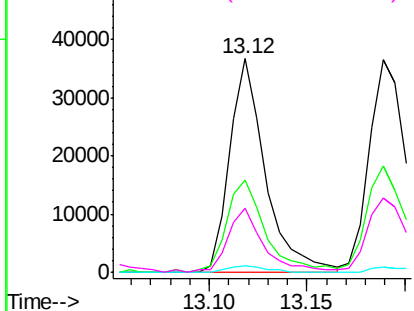
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.83 ng
 RT: 13.12 min Scan# 1901
 Delta R.T. -0.08 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 46516
 Ion Ratio Lower Upper
 232 100
 131 47.7 44.8 67.2
 130 3.0 2.3 3.5
 166 30.4 29.0 43.4

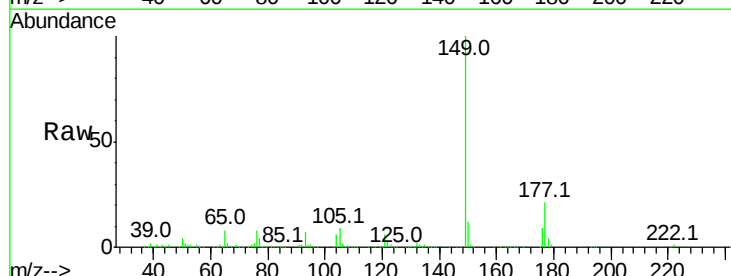


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

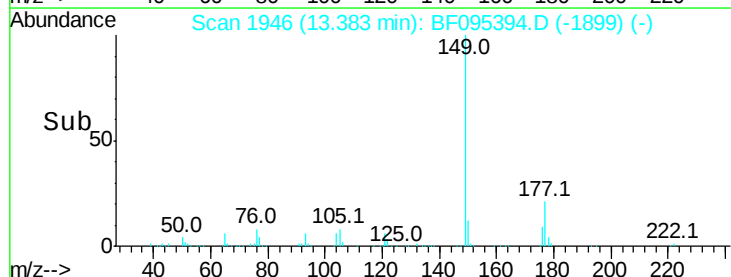
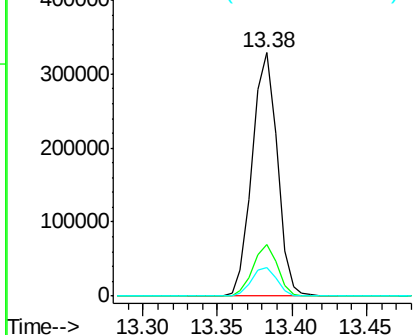


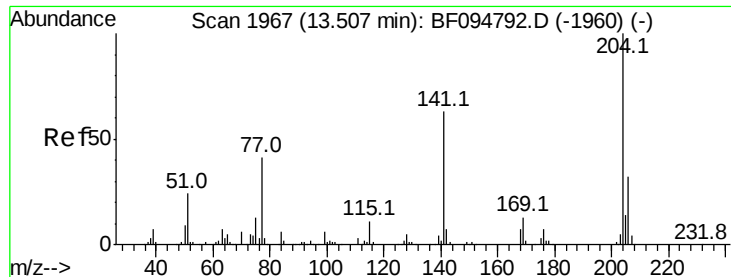
#59
 Diethylphthalate
 Concen: 33.04 ng
 RT: 13.38 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:149 Resp: 381341
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.7 25.1
 150 11.9 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

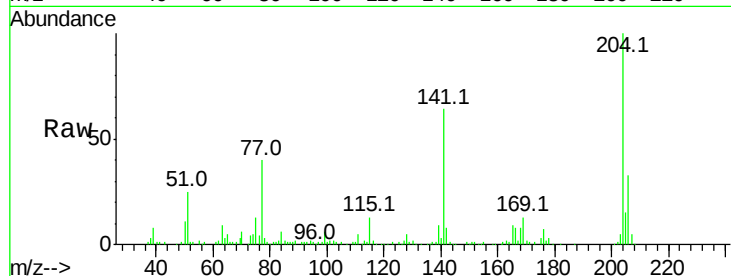




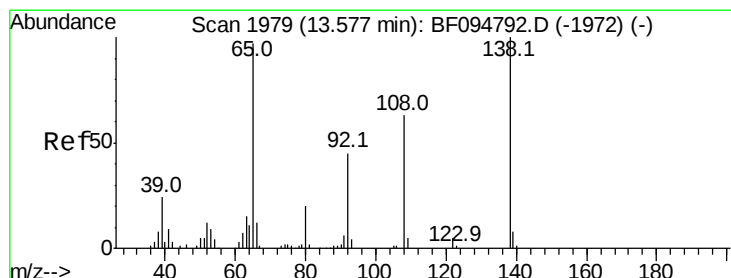
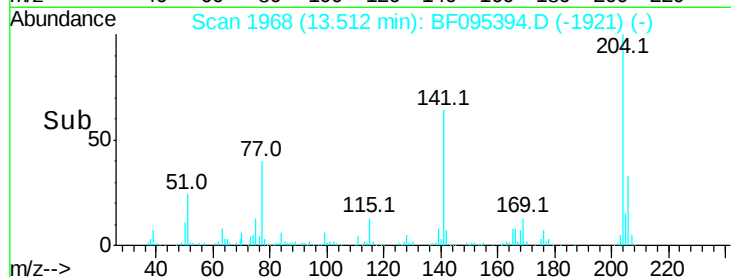
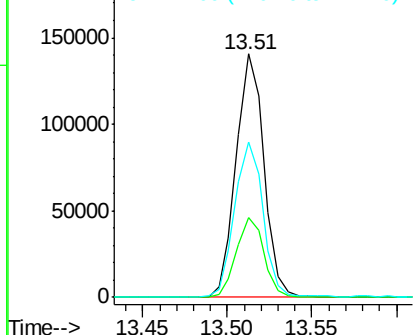
#60
4-Chlorophenyl-phenylether
Concen: 32.81 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 161842
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 64.0 60.8 91.2

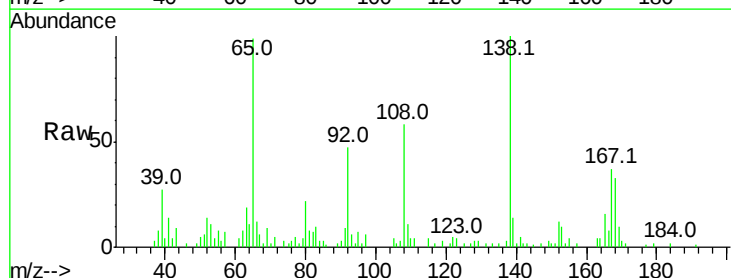


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

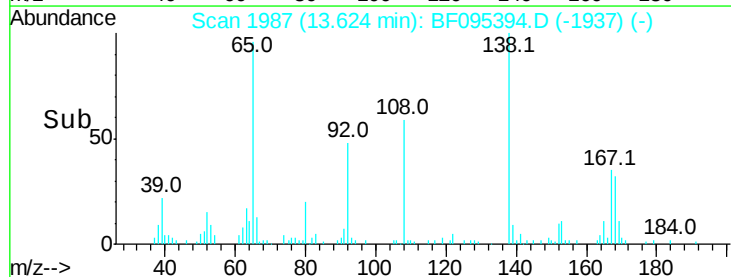
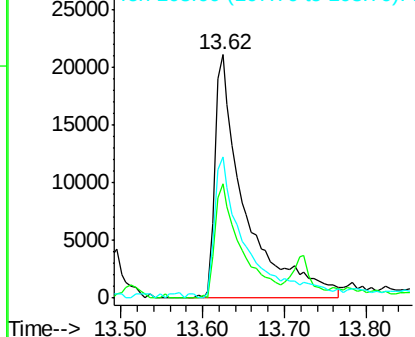


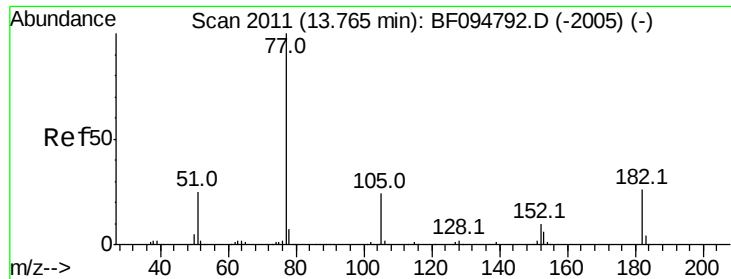
#61
4-Nitroaniline
Concen: 22.28 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:138 Resp: 53941
Ion Ratio Lower Upper
138 100
92 46.7 21.8 61.8
108 57.8 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: 33.18 ng

RT: 13.77 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 307671

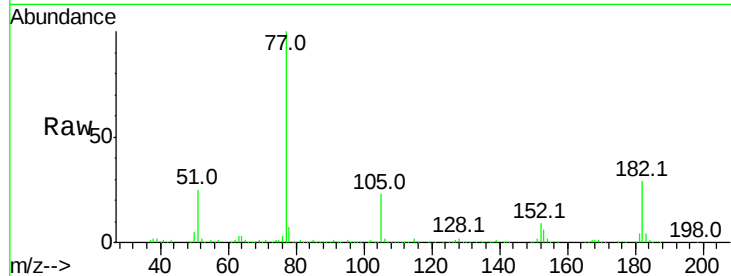
Ion Ratio Lower Upper

77 100

182 29.4 0.1 40.1

105 23.4 3.6 43.6

51 25.4 9.4 49.4

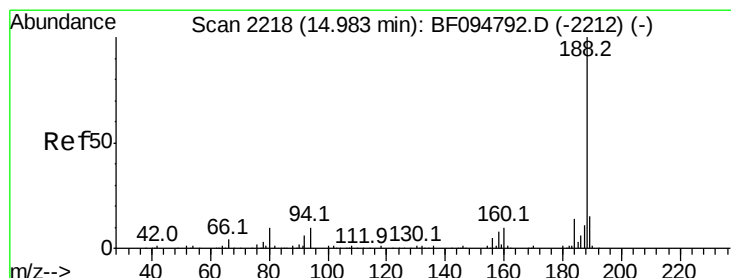
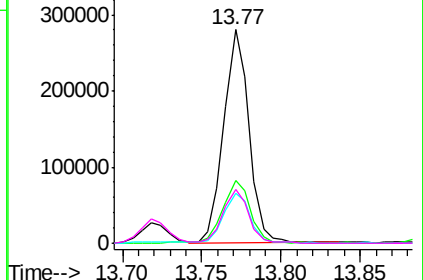
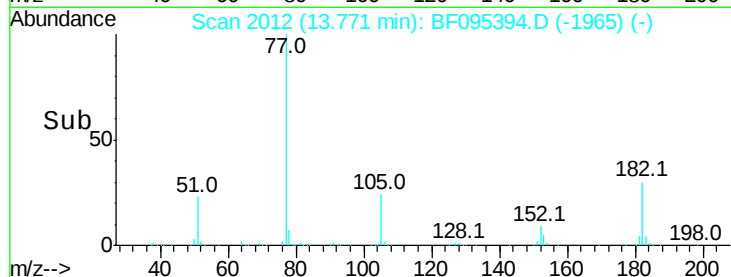


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

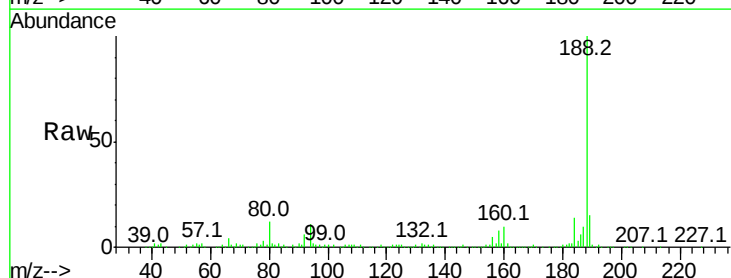
Tgt Ion: 188 Resp: 205921

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

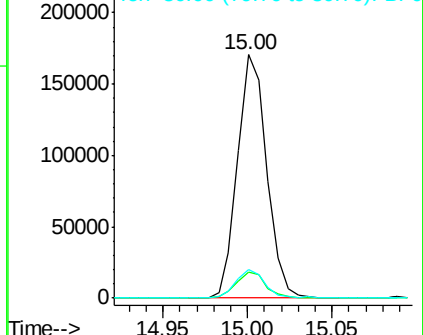
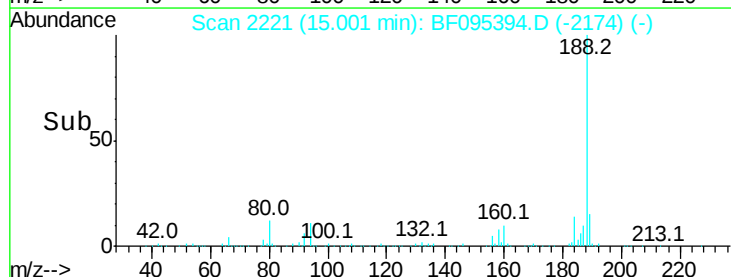
80 12.0 10.2 15.2

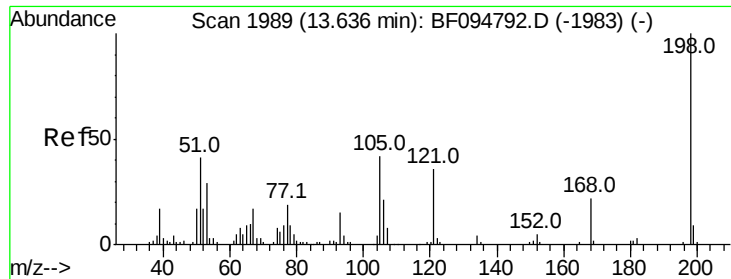


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.07 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampled :

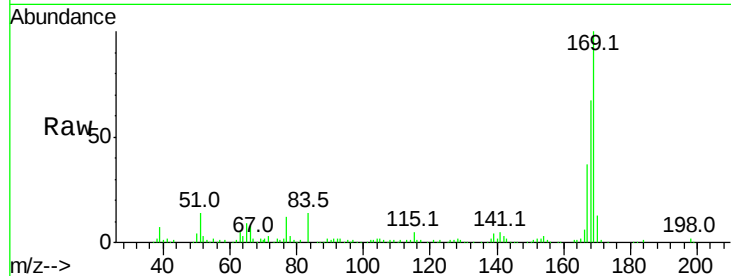
Tot Ion:198 Resp: 6993

Ion Ratio Lower Upper

198 100

51 725.3 53.2 93.2#

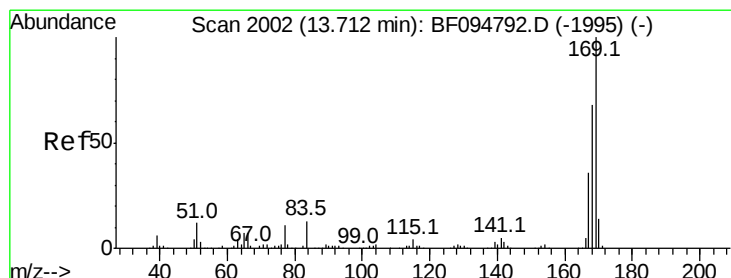
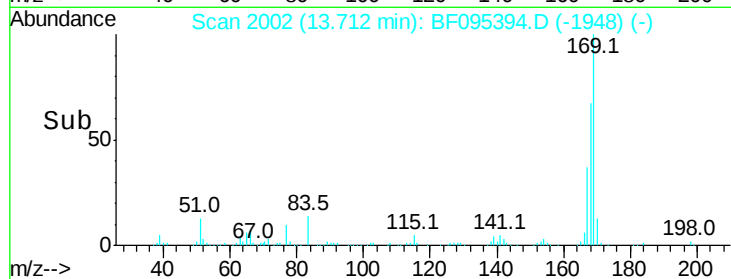
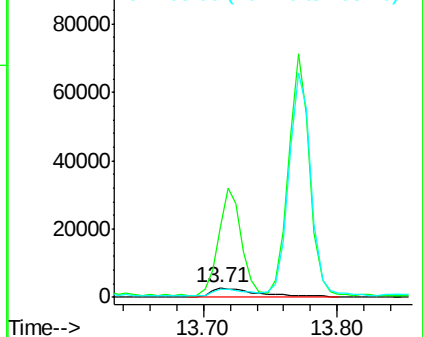
105 81.1 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.15 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

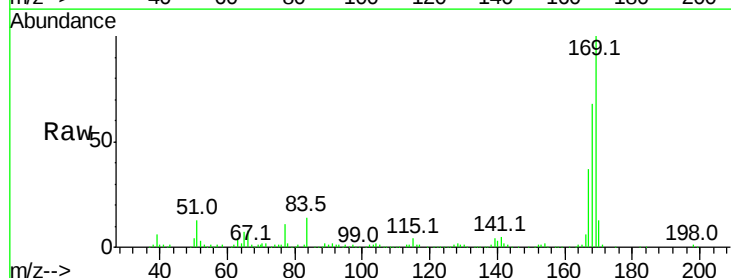
Tgt Ion:169 Resp: 307565

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

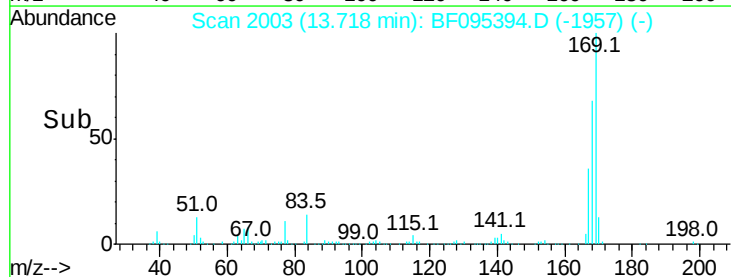
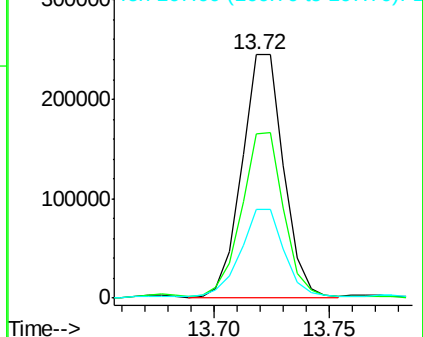
167 36.7 29.5 44.3

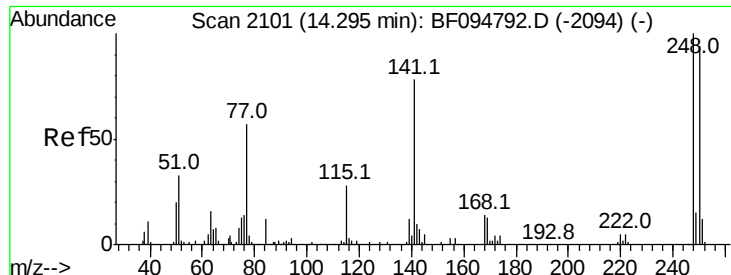


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

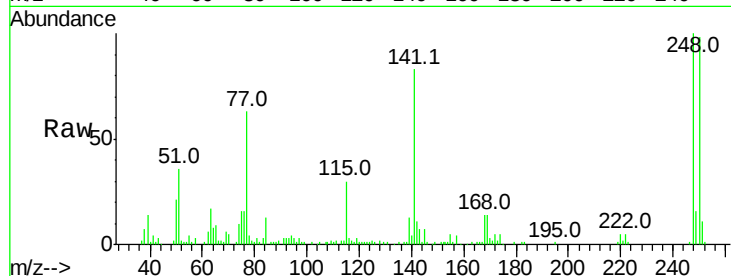




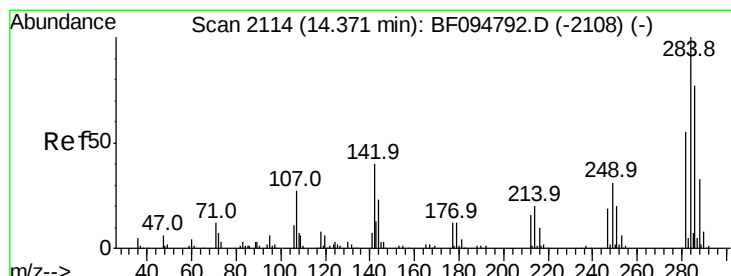
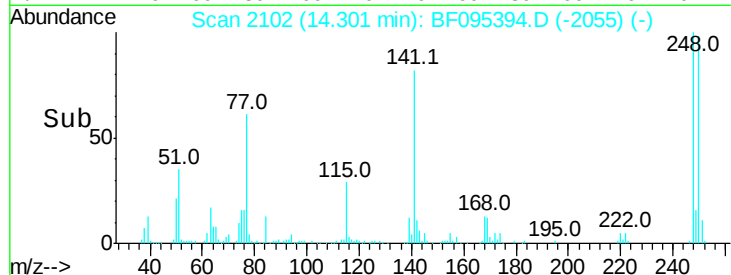
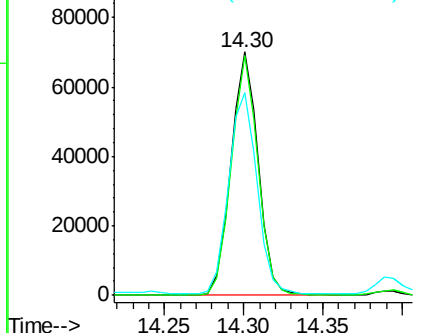
#66
 4-Bromophenyl-phenylether
 Concen: 38.02 ng
 RT: 14.30 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 82721
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.8 115.2
 141 83.2 68.6 103.0

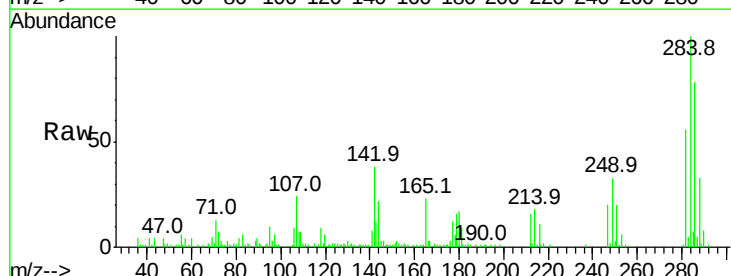


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

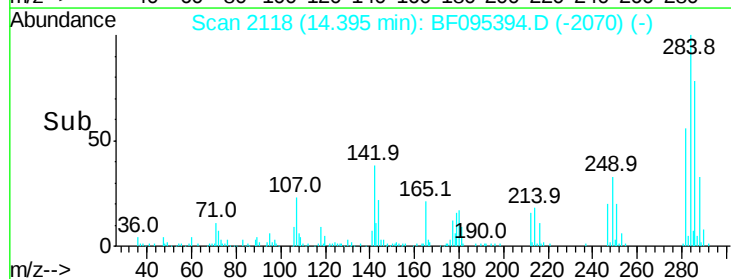
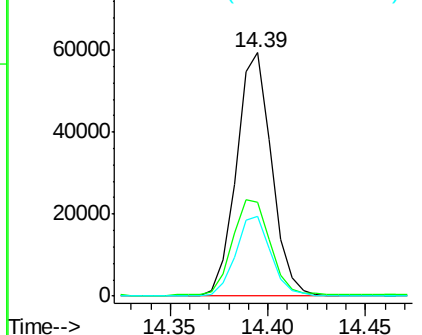


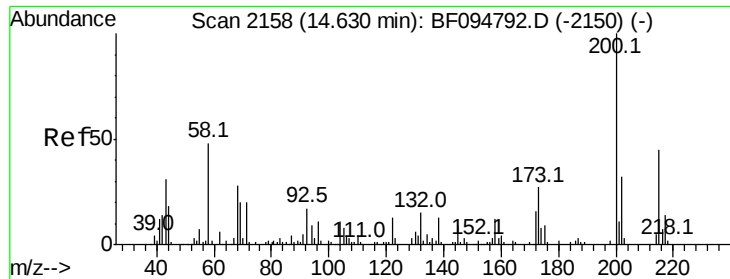
#67
 Hexachlorobenzene
 Concen: 33.25 ng
 RT: 14.39 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:284 Resp: 74138
 Ion Ratio Lower Upper
 284 100
 142 38.4 22.8 34.2#
 249 32.6 24.0 36.0



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

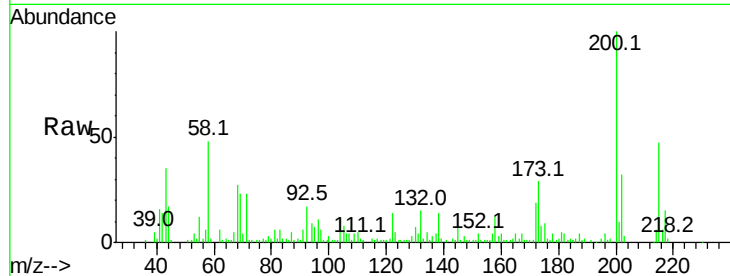




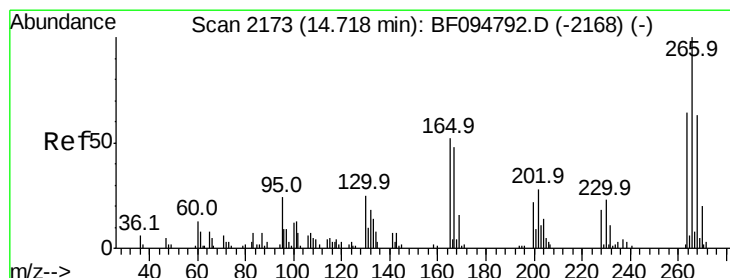
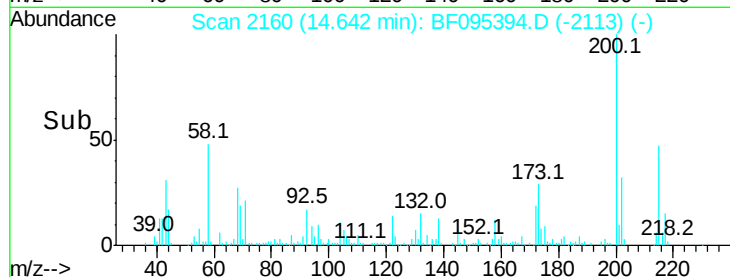
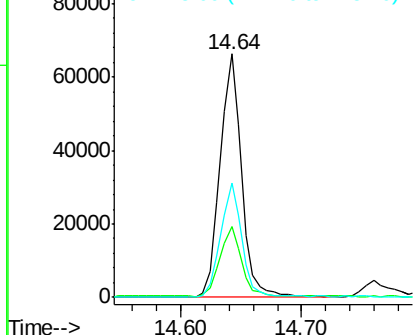
#68
Atrazine
Concen: 38.66 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 81586
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 47.1 27.2 67.2

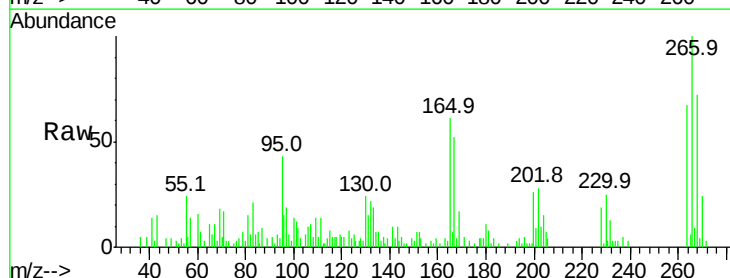


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

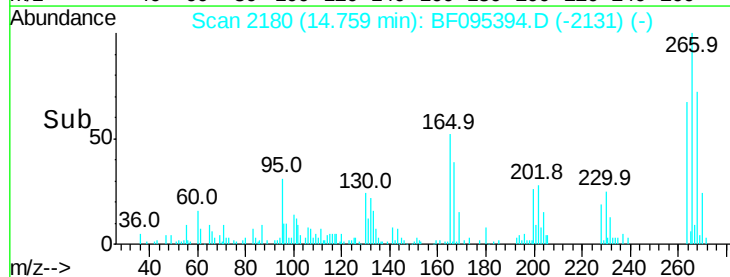
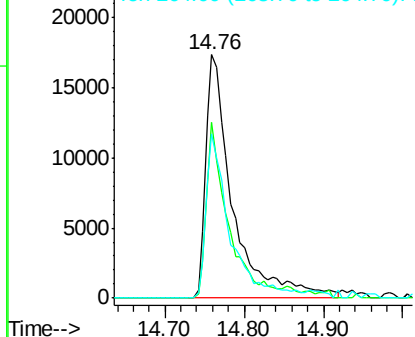


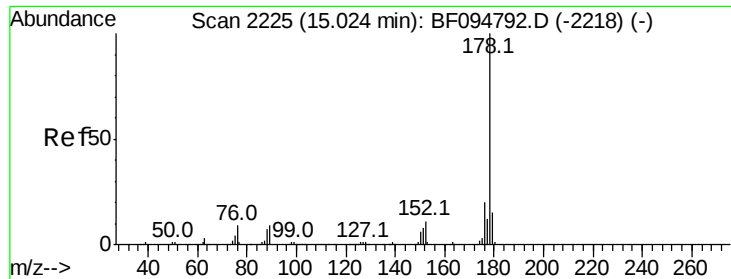
#69
Pentachlorophenol
Concen: 43.69 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:266 Resp: 41152
Ion Ratio Lower Upper
266 100
268 72.2 51.1 76.7
264 67.4 51.7 77.5



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





#70

Phenanthrene

Concen: 104.56 ng

RT: 15.05 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

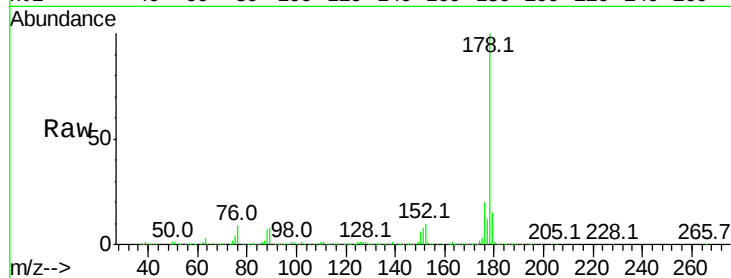
Tot Ion:178 Resp: 1237124

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

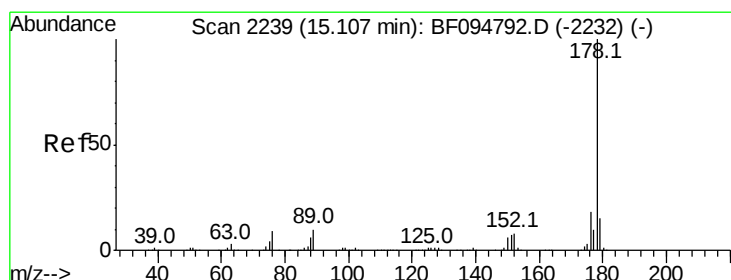
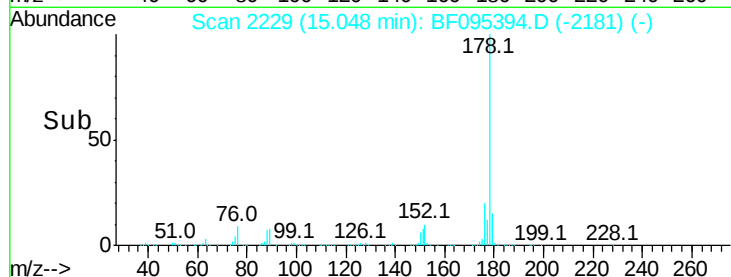
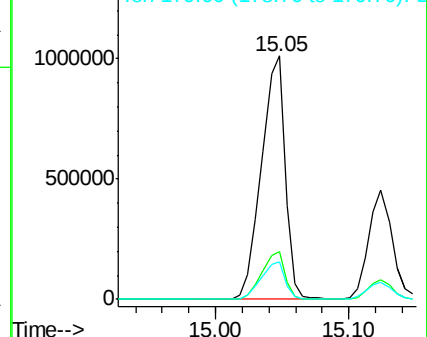
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.84 ng

RT: 15.12 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

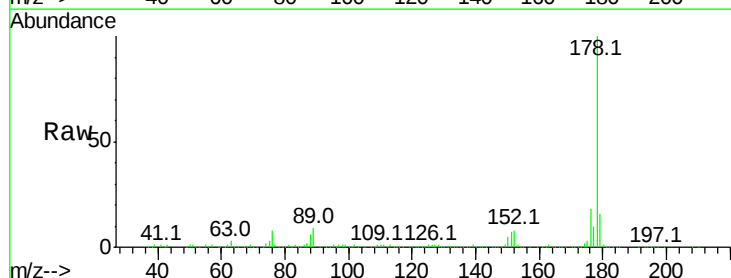
Tgt Ion:178 Resp: 554044

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

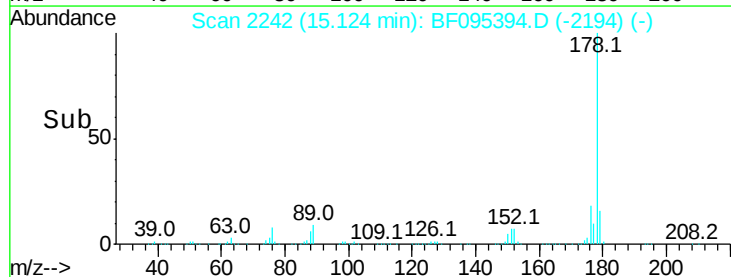
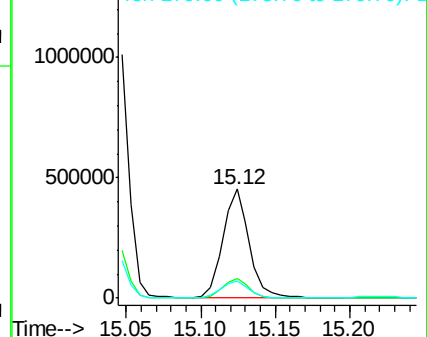
179 16.1 12.7 19.1

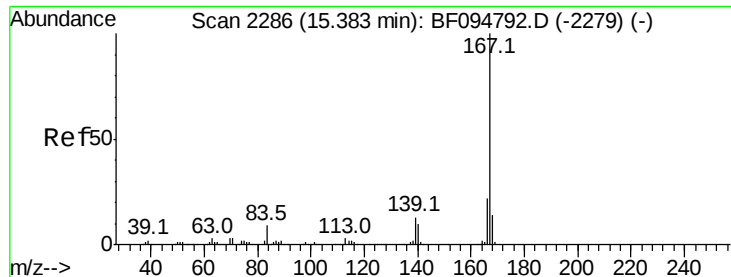


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.88 ng

RT: 15.41 min Scan# 2290

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

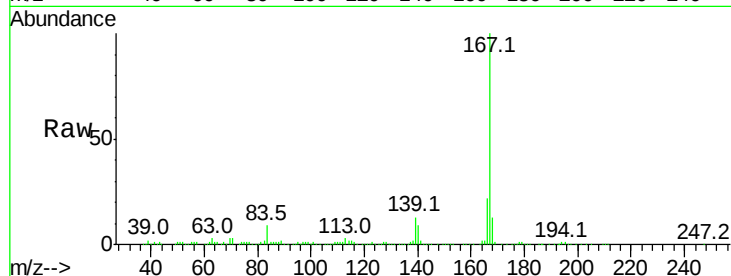
Tot Ion:167 Resp: 427566

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

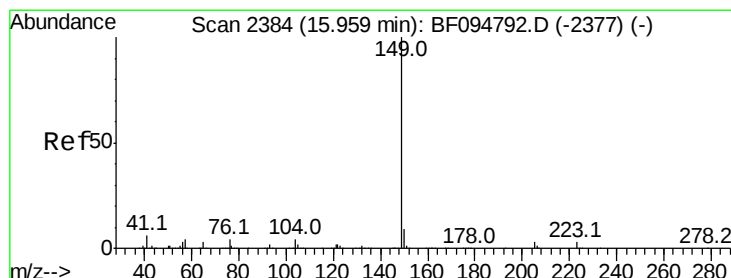
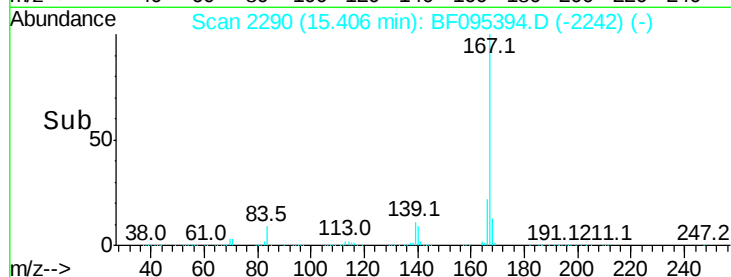
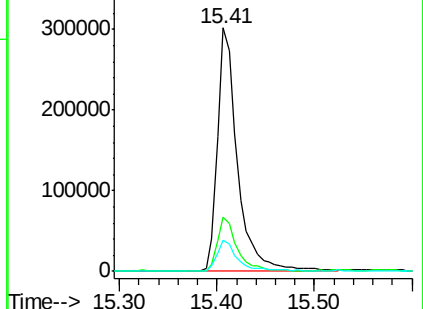
139 13.0 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.52 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

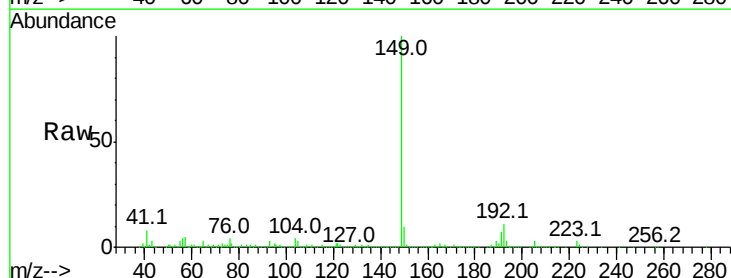
Tgt Ion:149 Resp: 500780

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

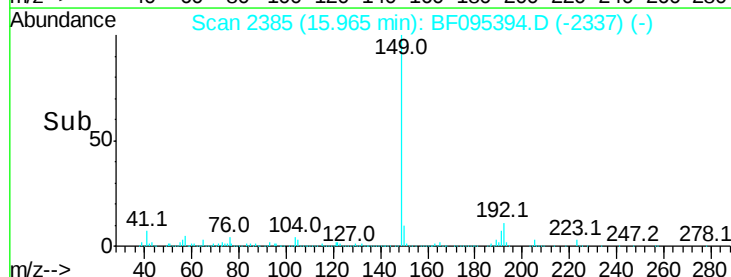
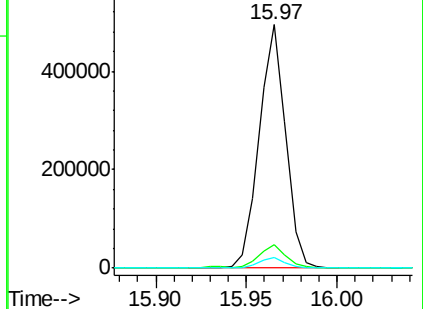
104 4.2 4.0 6.0

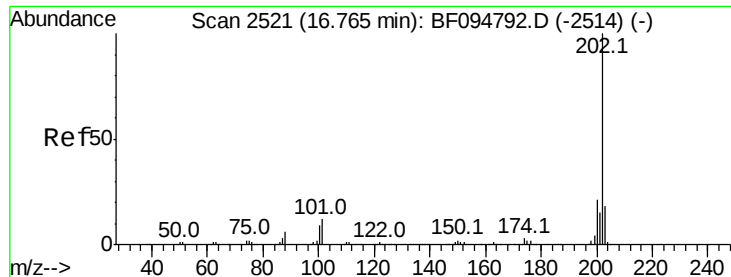


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 121.18 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

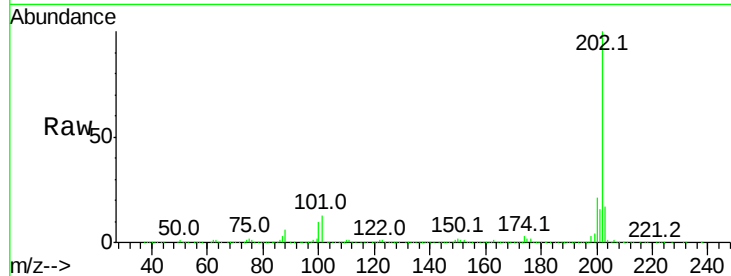
Tot Ion:202 Resp: 1470779

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

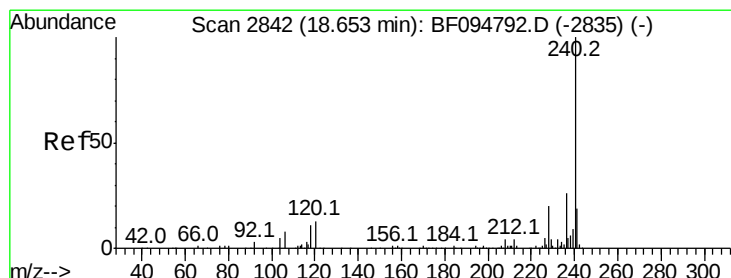
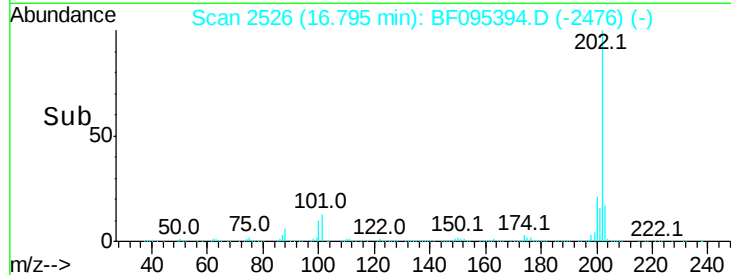
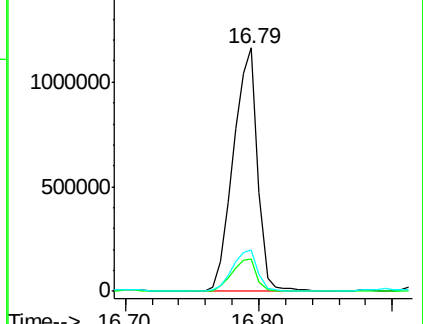
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

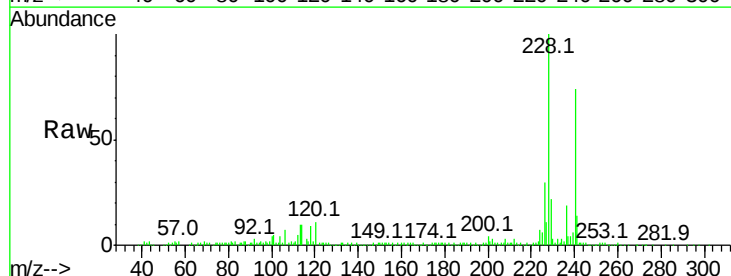
Tgt Ion:240 Resp: 152525

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

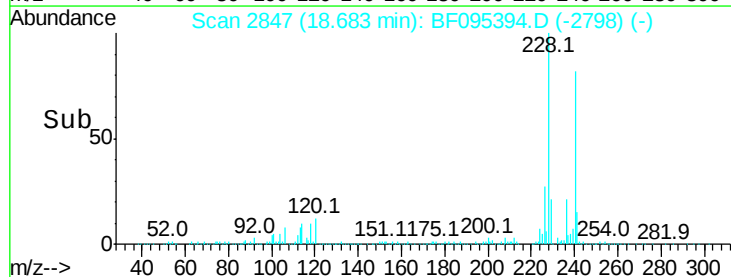
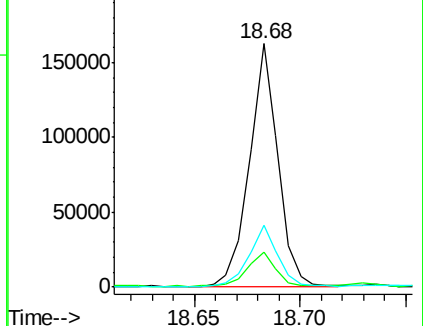
236 25.5 20.5 30.7

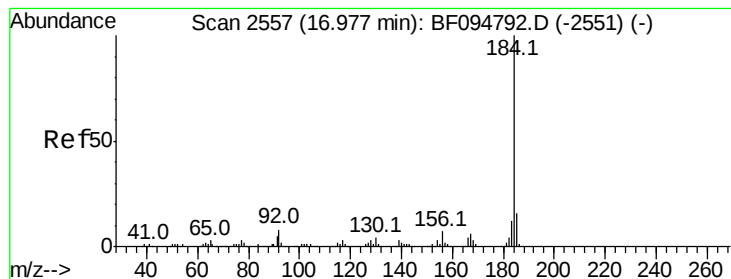


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.67 ng

RT: 16.98 min Scan# 2558

Delta R.T. -0.04 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

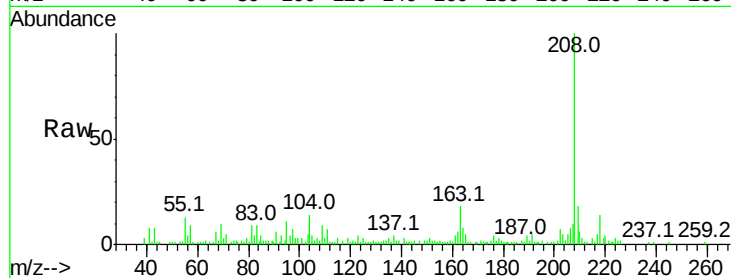
Tot Ion:184 Resp: 380

Ion Ratio Lower Upper

184 100

185 71.0 15.5 23.3#

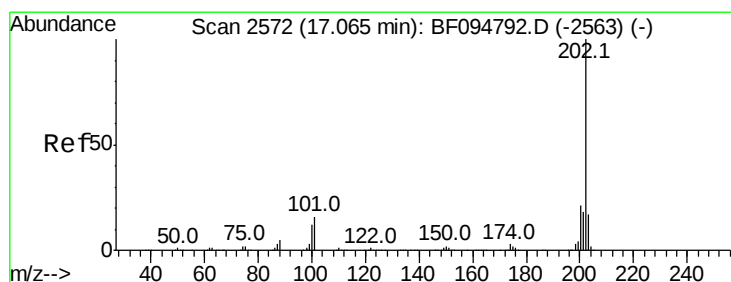
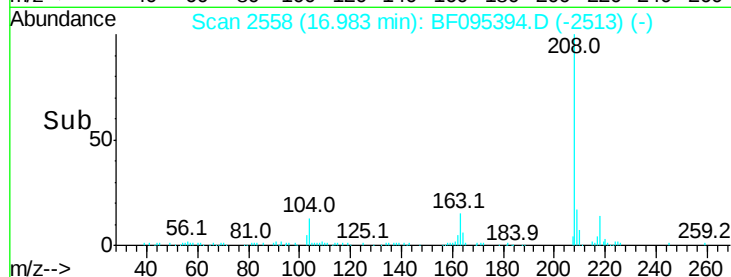
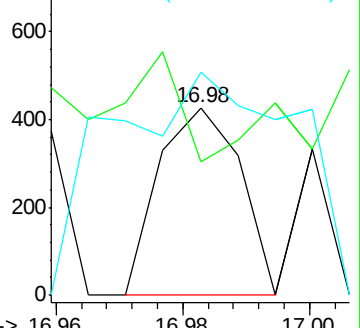
183 119.2 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 115.67 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

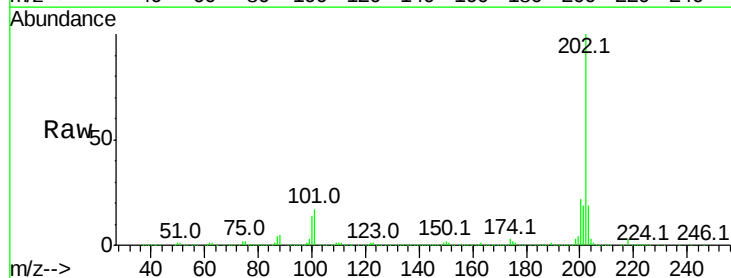
Tgt Ion:202 Resp: 1319441

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

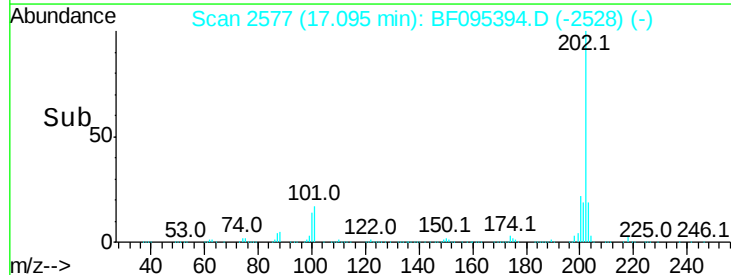
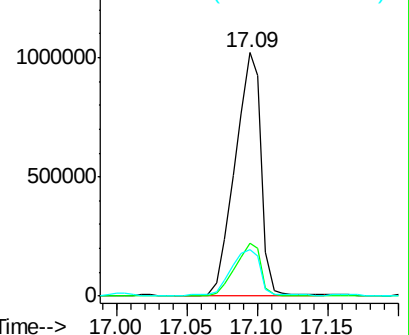
203 19.1 14.4 21.6

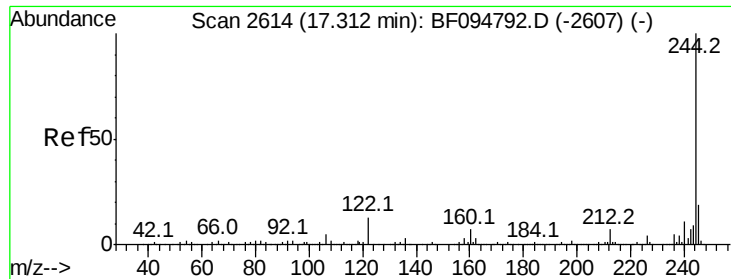


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

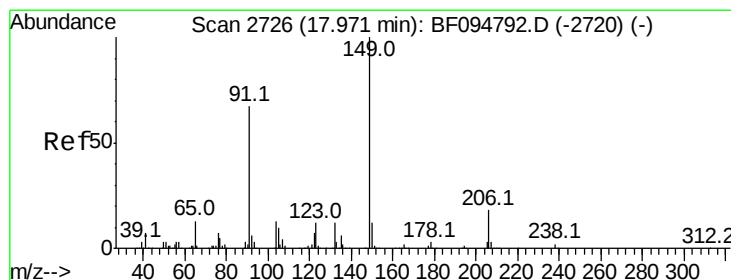
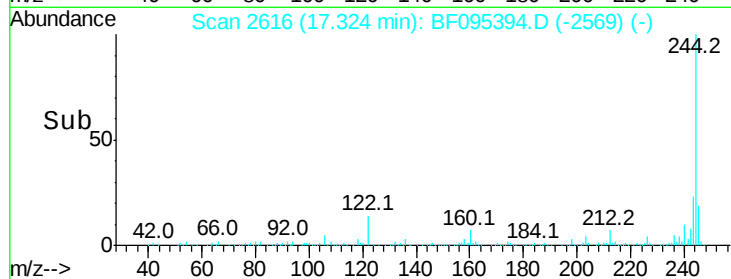
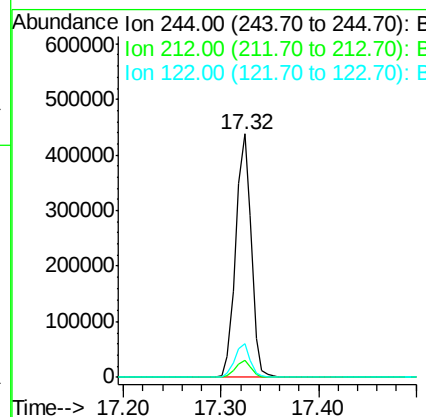
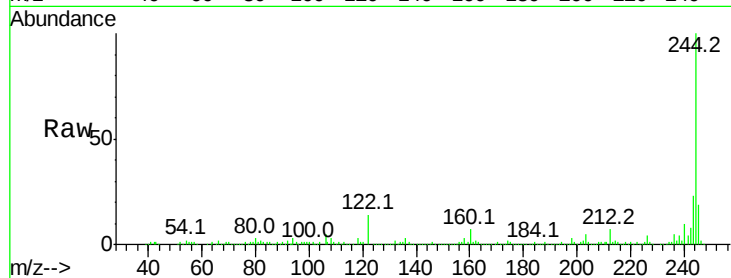




#78
 Terphenyl-d14
 Concen: 69.97 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

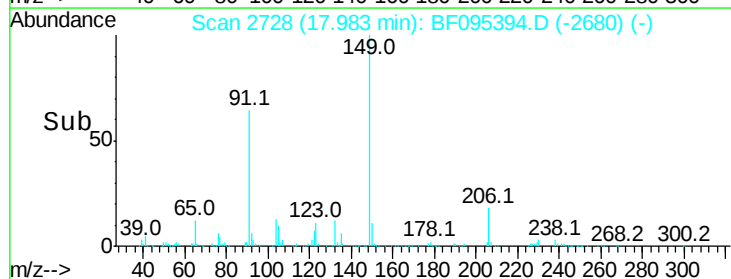
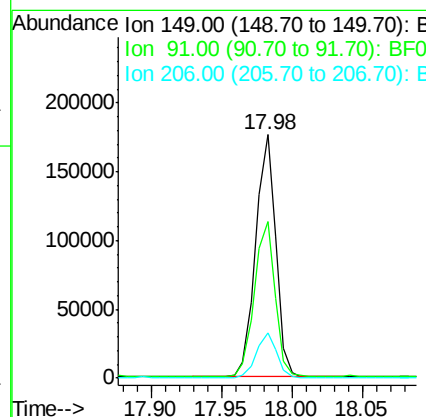
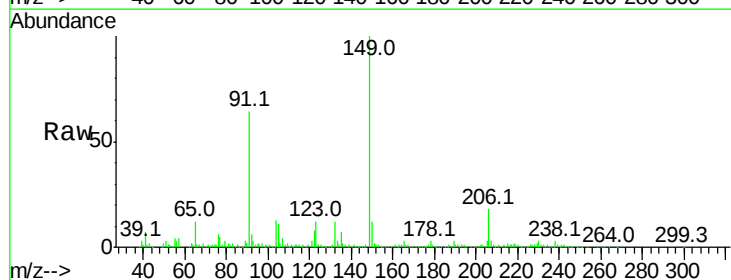
Instrument :
 BNA_F
 ClientSampled :

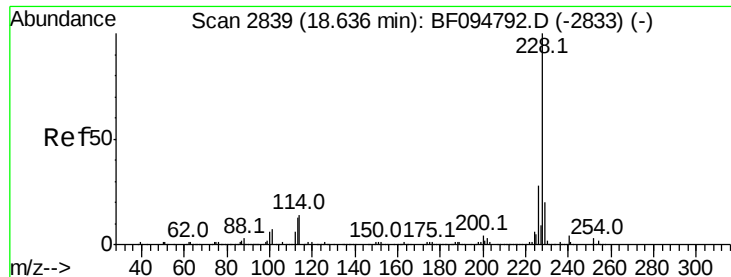
Tot Ion:244 Resp: 484545
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.8 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 33.64 ng
 RT: 17.98 min Scan# 2728
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:149 Resp: 178502
 Ion Ratio Lower Upper
 149 100
 91 64.3 45.0 67.4
 206 18.4 17.0 25.6





#80

Benzo(a)anthracene

Concen: 94.81 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampled :

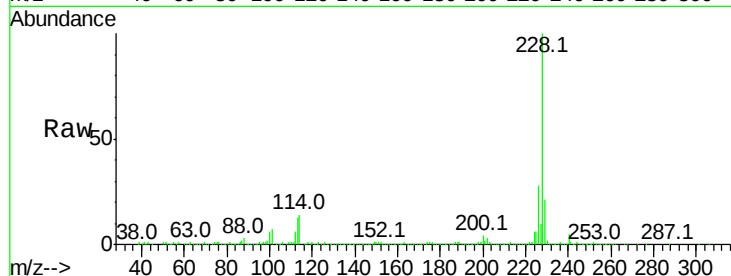
Tot Ion:228 Resp: 841640

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

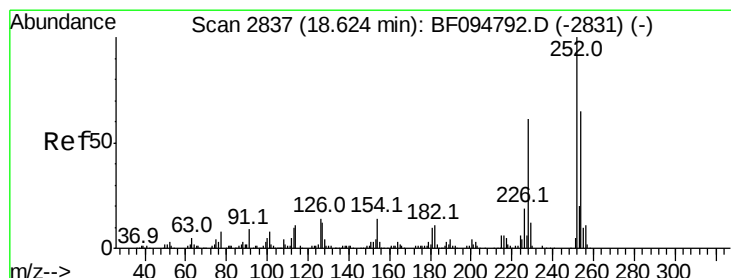
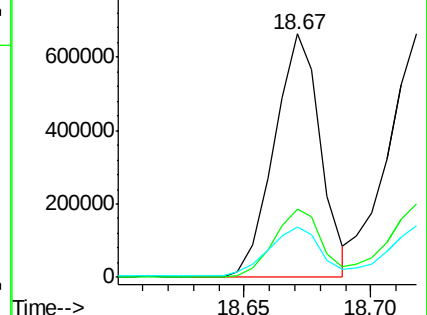
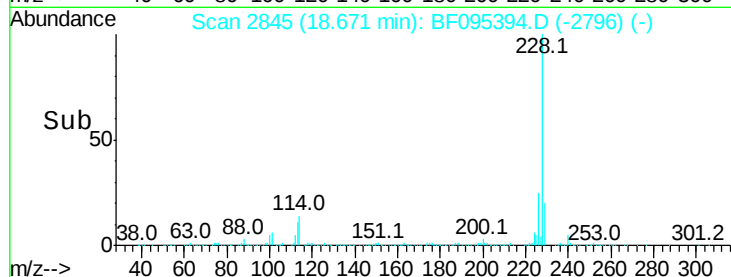
229 20.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.01 ng

RT: 18.65 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

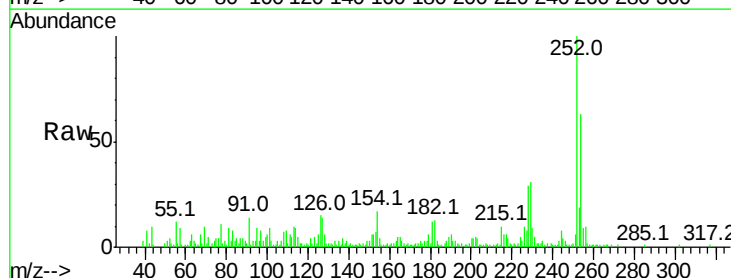
Tgt Ion:252 Resp: 61335

Ion Ratio Lower Upper

252 100

254 63.4 51.5 77.3

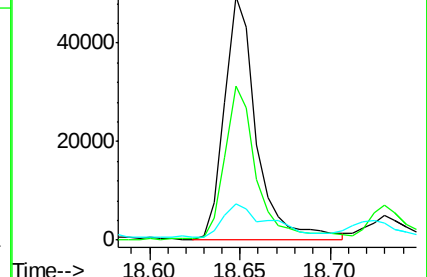
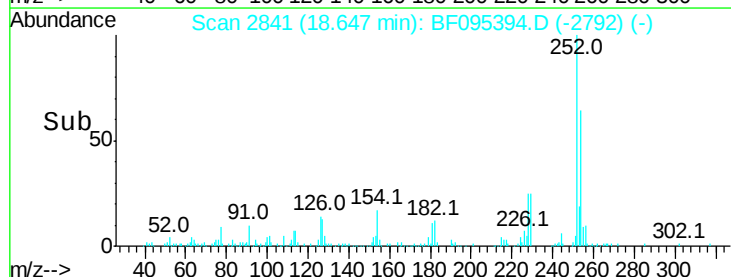
126 15.0 15.8 23.8#

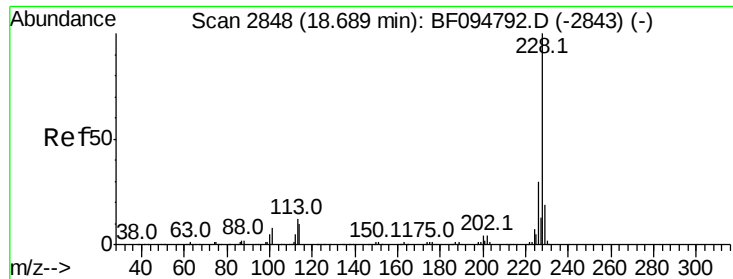


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

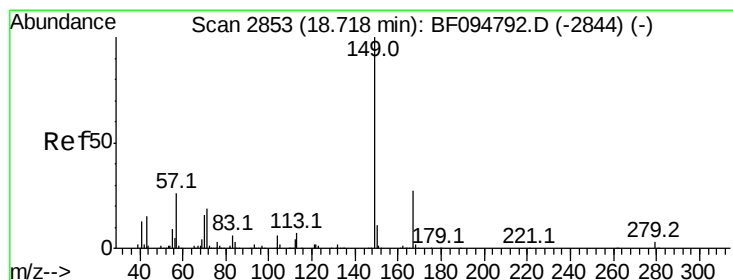
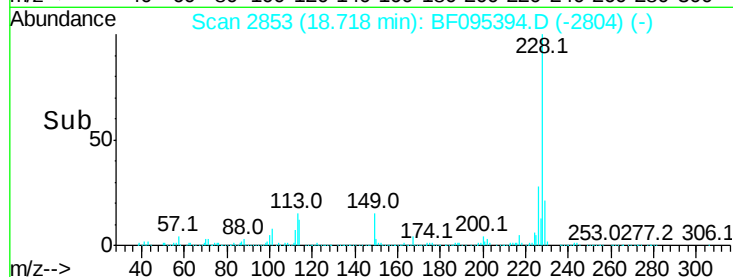
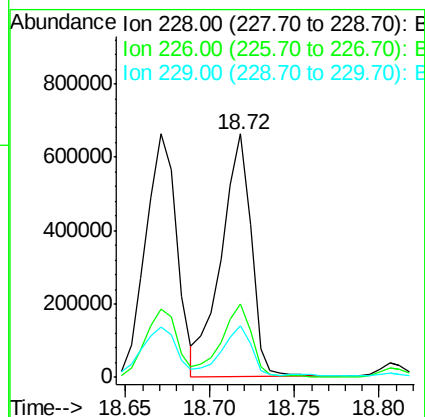
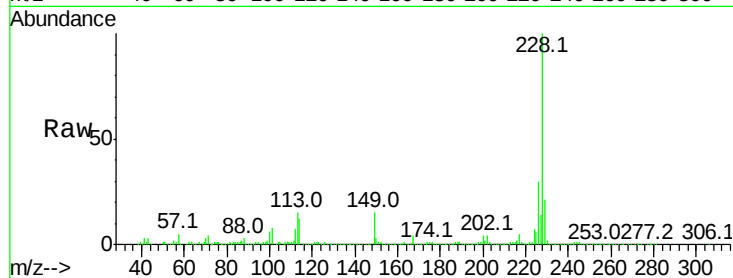




#82
Chrysene
Concen: 95.27 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

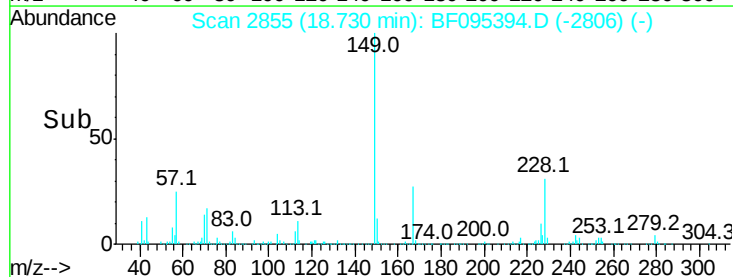
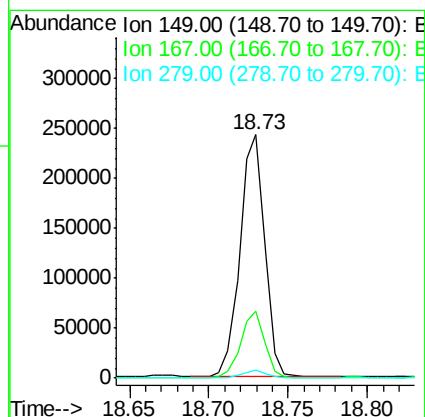
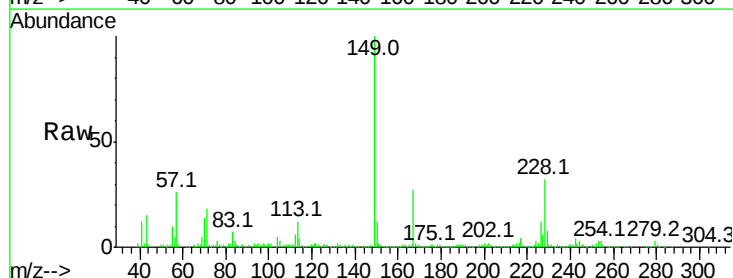
Instrument :
BNA_F
ClientSampled :

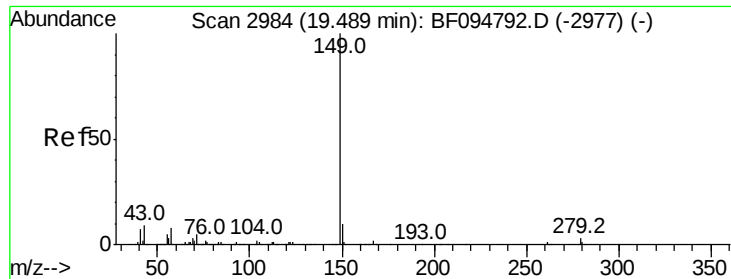
Tot Ion:228 Resp: 817762
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 21.0 15.8 23.6



#83
Bis(2-ethylhexyl)phthalate
Concen: 34.44 ng
RT: 18.73 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:149 Resp: 260384
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.4
279 3.5 1.9 2.9#

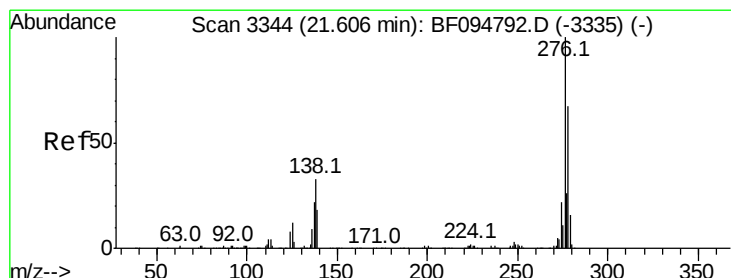
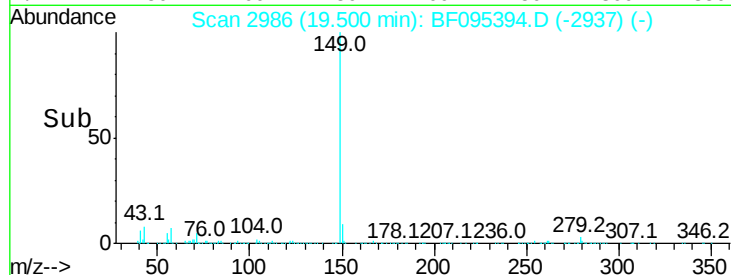
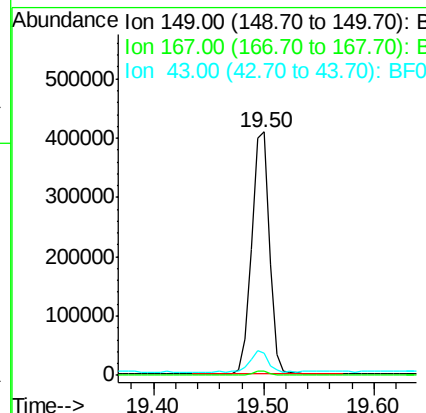
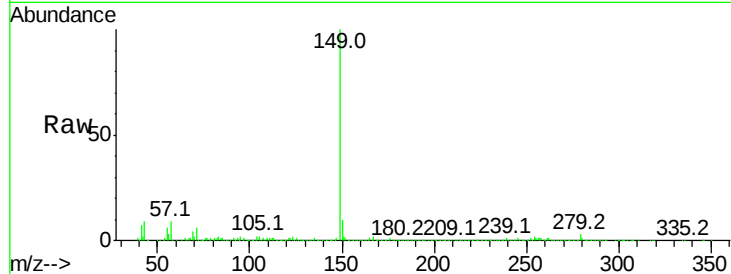




#84
Di-n-octyl phthalate
Concen: 37.59 ng
RT: 19.50 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

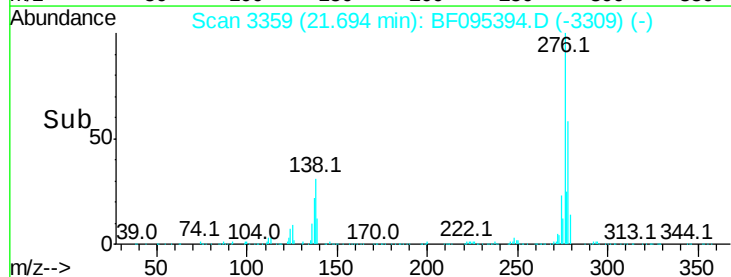
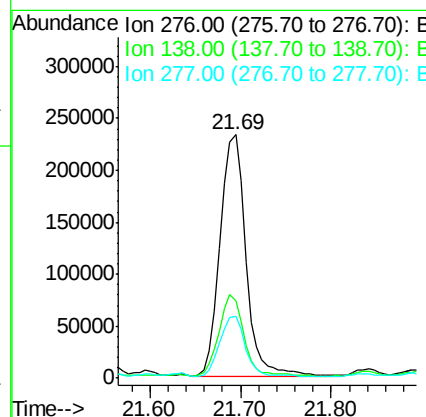
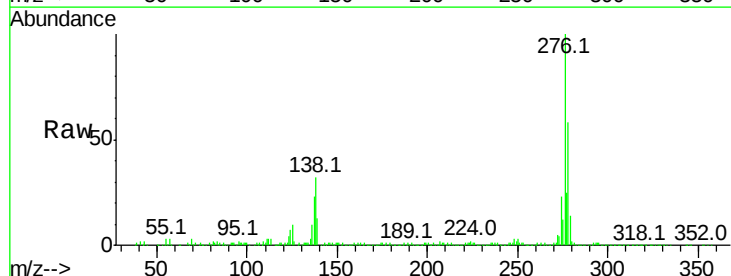
Instrument :
BNA_F
ClientSampleId :

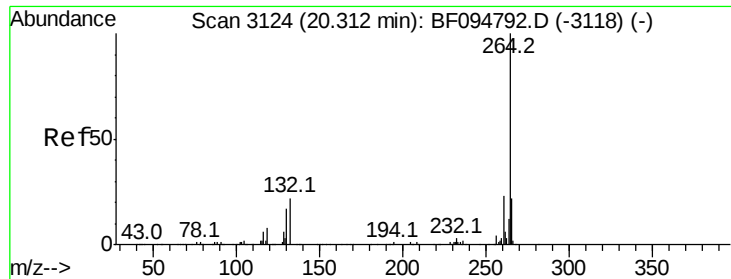
Tot Ion:149 Resp: 465885
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 65.62 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:276 Resp: 457410
Ion Ratio Lower Upper
276 100
138 32.8 27.8 41.6
277 25.0 20.2 30.4

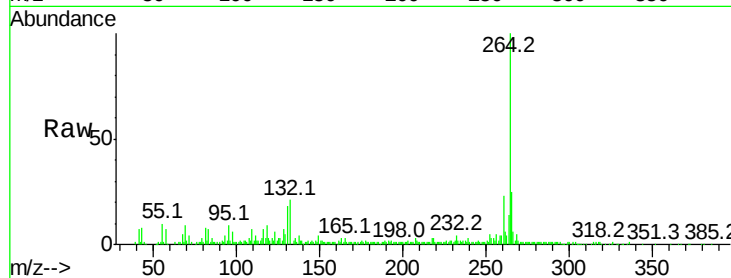




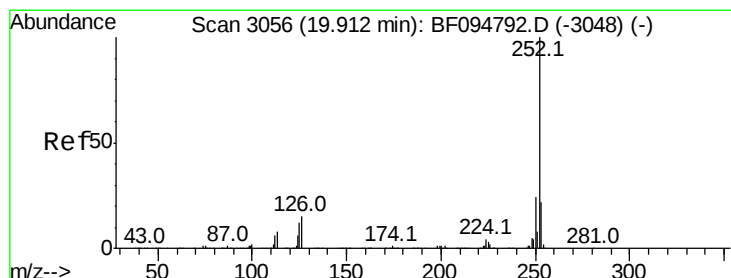
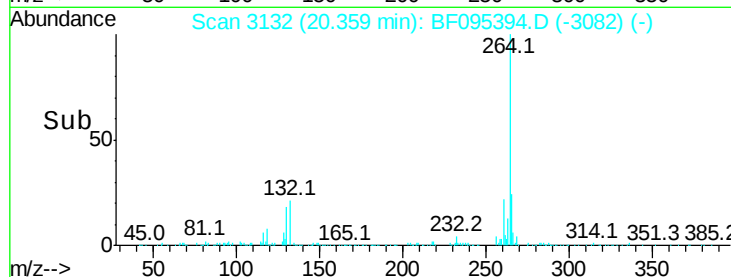
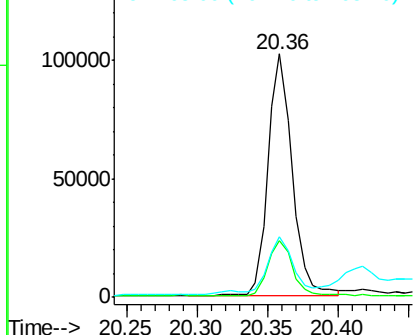
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	25.1	17.2	25.8

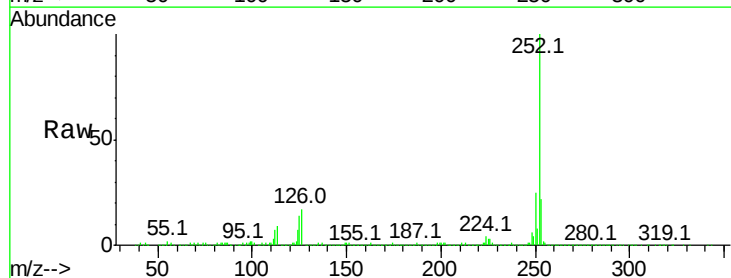


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

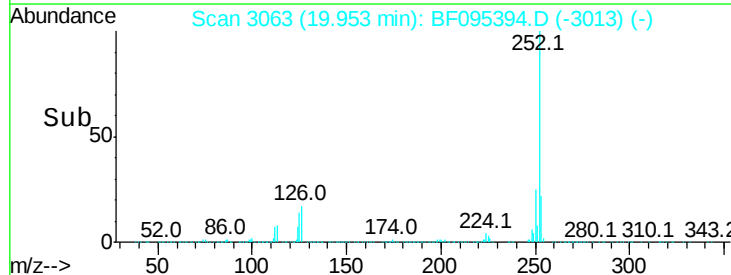
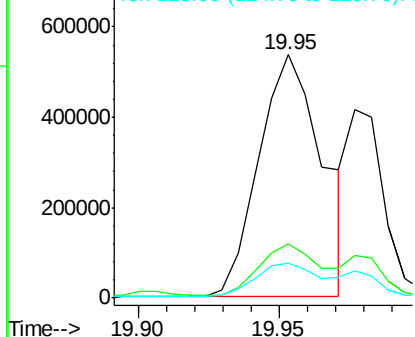


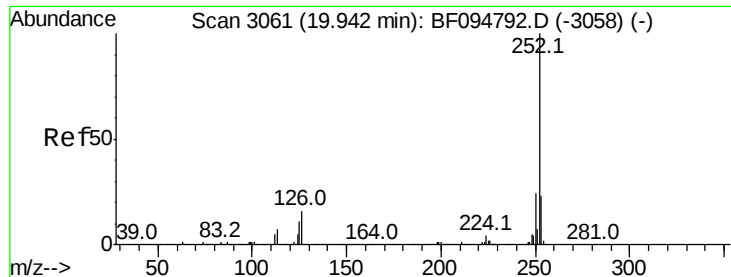
#87
Benzo(b)fluoranthene
Concen: 108.54 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.3	9.8	14.8



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

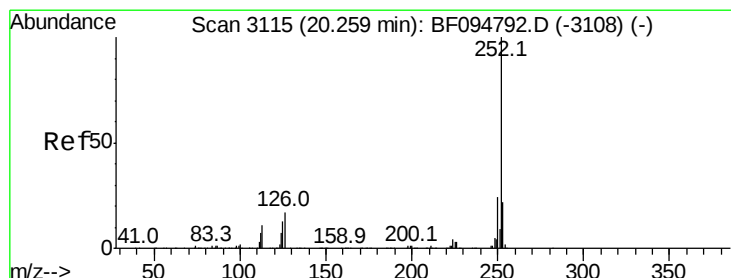
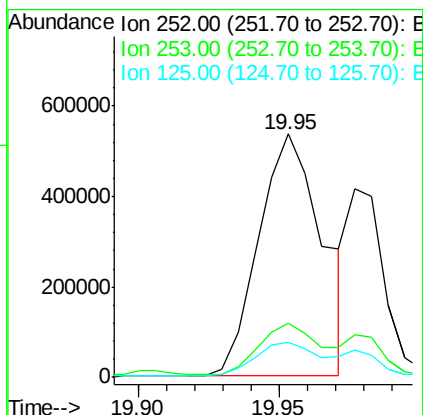
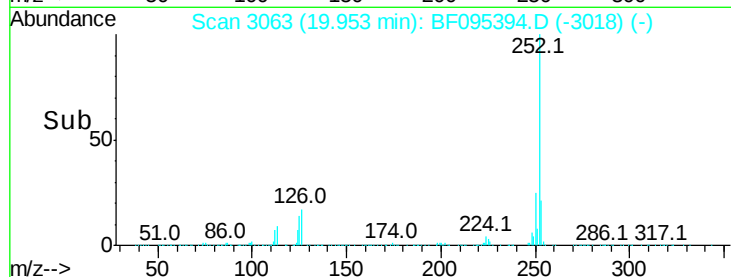
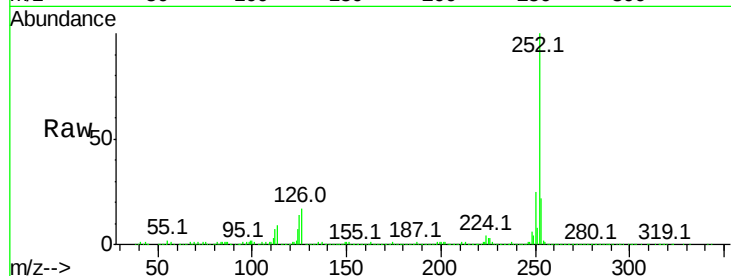




#88
Benzo(k)fluoranthene
Concen: 112.52 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

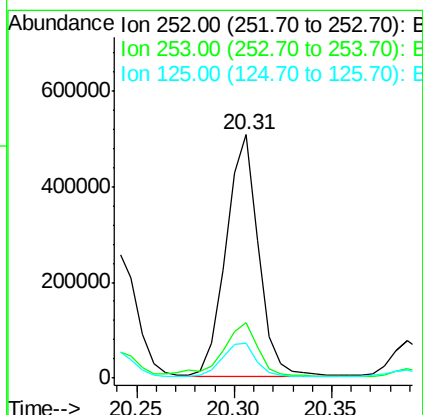
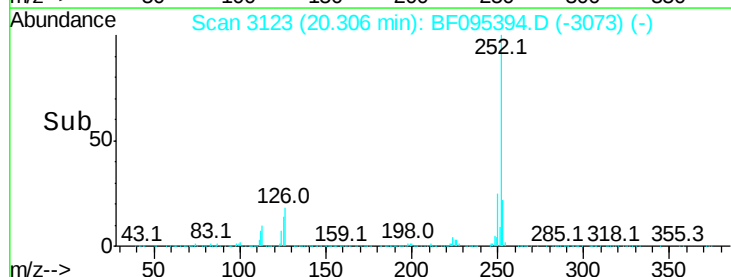
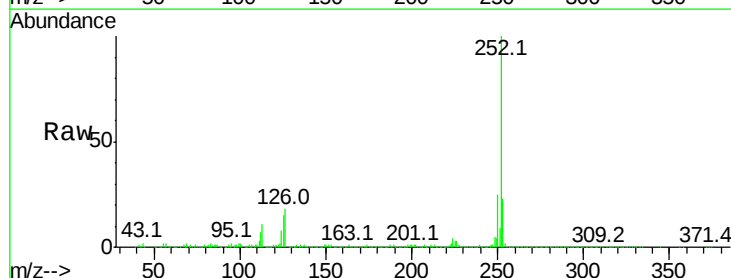
Instrument :
BNA_F
ClientSampleId :

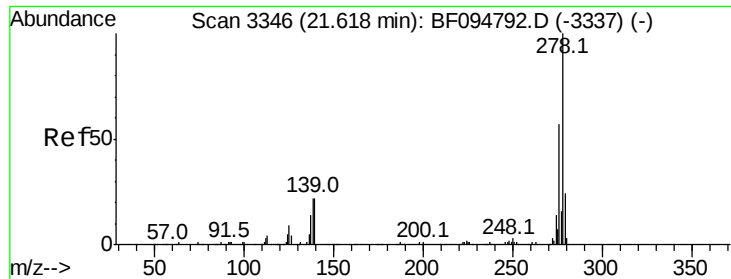
Tot Ion:252 Resp: 836468
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 14.3 13.1 19.7



#89
Benzo(a)pyrene
Concen: 82.34 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:252 Resp: 585538
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 14.5 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 44.27 ng

RT: 21.69 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

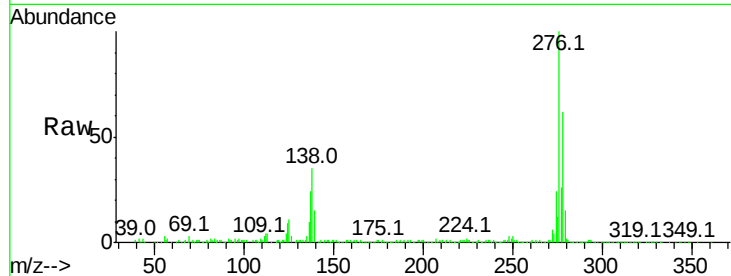
Tot Ion:278 Resp: 259989

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

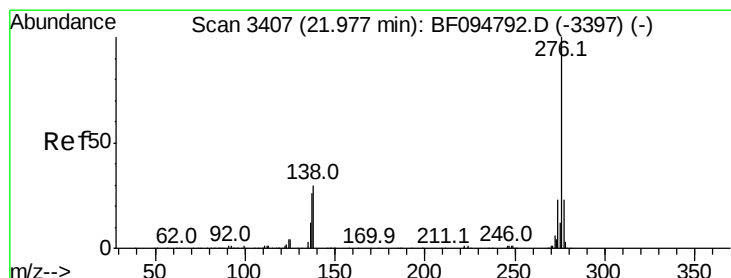
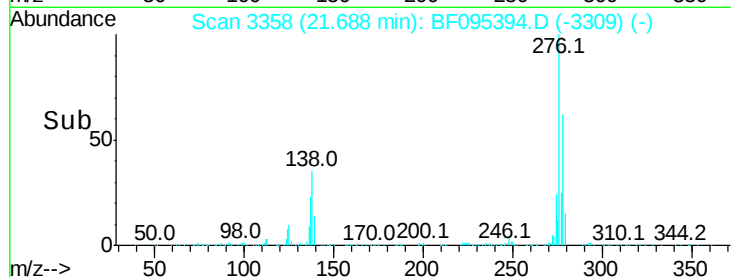
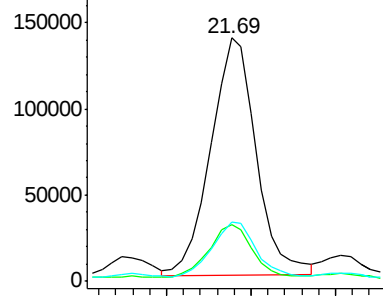
279 24.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 73.04 ng

RT: 22.08 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

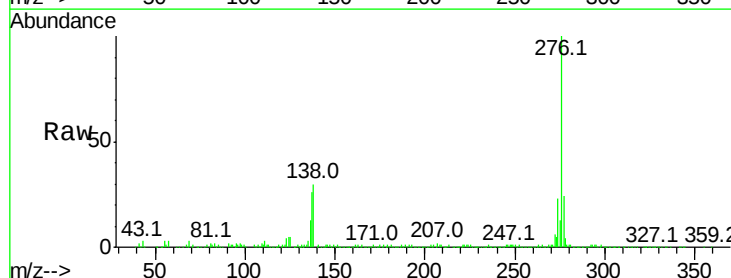
Tgt Ion:276 Resp: 420987

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 30.3 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

