

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094857.D
 Acq On : 4 May 2017 3:30
 Operator : SJ/MA
 Sample : I2914-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 04:21:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	98954	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	389712	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	180131	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	299840	20.00	ng	0.00
75) Chrysene-d12	18.64	240	192599	20.00	ng	-0.01
86) Perylene-d12	20.31	264	186683	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	781950	131.75	ng	0.01
7) Phenol-d6	7.28	99	1016386	142.72	ng	0.00
23) Nitrobenzene-d5	8.63	82	586893	94.96	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	163891	111.10	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	796414	63.64	ng	0.00
78) Terphenyl-d14	17.29	244	449447	51.40	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	109234	37.53	ng	96
3) Pyridine	2.82	79	253688	37.60	ng	97
4) n-Nitrosodimethylamine	2.74	42	125122	44.49	ng	88
6) Aniline	7.23	93	306564	34.10	ng	95
8) 2-Chlorophenol	7.42	128	339316	50.23	ng	97
9) Benzaldehyde	7.04	77	57487	13.22	ng	97
10) Phenol	7.30	94	403200	53.73	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	297827	48.07	ng	97
12) 1,3-Dichlorobenzene	7.64	146	346436	45.21	ng	99
13) 1,4-Dichlorobenzene	7.75	146	362217	46.61	ng	96
14) 1,2-Dichlorobenzene	7.99	146	329908	45.48	ng	99
15) Benzyl Alcohol	8.01	79	266191	58.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	387523	44.20	ng	52
17) 2-Methylphenol	8.22	107	268152	48.50	ng	# 90
18) Hexachloroethane	8.51	117	115650	43.93	ng	88
19) n-Nitroso-di-n-propylamine	8.44	70	231460	48.06	ng	94
20) 3+4-Methylphenols	8.48	107	365382	48.64	ng	# 58
22) Acetophenone	8.40	105	469561	50.22	ng	# 84
24) Nitrobenzene	8.66	77	325576	50.26	ng	92
25) Isophorone	9.06	82	579415	52.51	ng	95
26) 2-Nitrophenol	9.17	139	188200	53.84	ng	95
27) 2,4-Dimethylphenol	9.30	122	288092	50.98	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	376069	49.26	ng	100
29) 2,4-Dichlorophenol	9.58	162	290068	54.36	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	283190	49.54	ng	99
31) Naphthalene	9.78	128	937256	47.85	ng	99
32) Benzoic acid	9.60	122	132316	36.97	ng	93
33) 4-Chloroaniline	9.93	127	157614	21.59	ng	93
34) Hexachlorobutadiene	10.00	225	140549	46.59	ng	98
35) Caprolactam	10.71	113	4676	2.92	ng	95
36) 4-Chloro-3-methylphenol	10.78	107	288917	50.64	ng	89
37) 2-Methylnaphthalene	10.91	142	622130	48.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	251247	45.36	ng	99
40) Hexachlorocyclopentadiene	11.17	237	114843	51.64	ng	98

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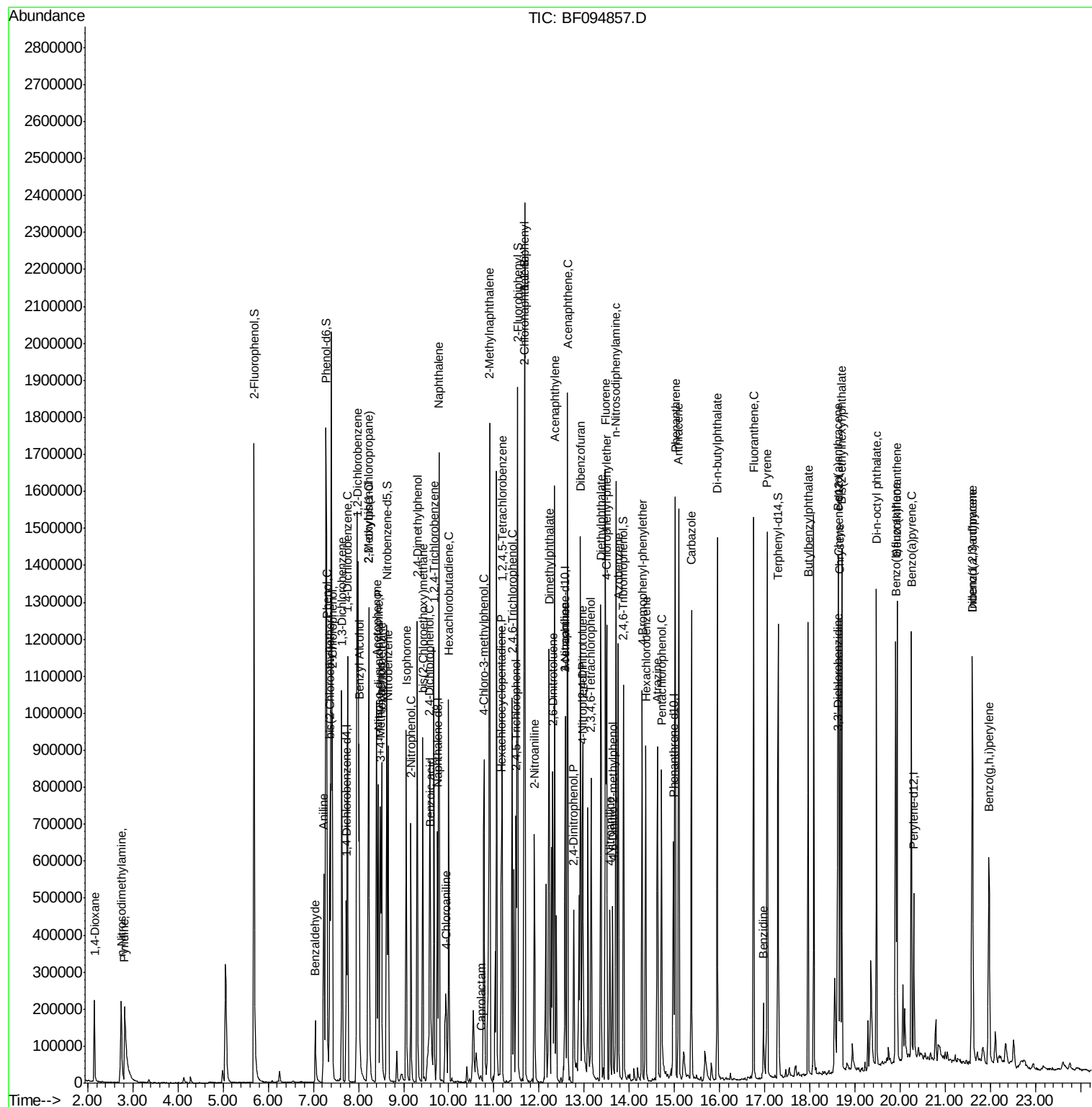
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	187411	50.67	nq	98
43) 2,4,5-Trichlorophenol	11.49	196	194072	48.82	nq	91
45) 1,1'-Biphenyl	11.68	154	730953	48.20	nq	98
46) 2-Chloronaphthalene	11.69	162	578416	47.23	nq	95
47) 2-Nitroaniline	11.90	65	163998	48.93	nq	# 79
48) Acenaphthylene	12.35	152	923468	48.15	nq	99
49) Dimethylphthalate	12.22	163	954363	64.54	nq	100
50) 2,6-Dinitrotoluene	12.31	165	155031	51.39	nq	98
51) Acenaphthene	12.63	154	542198	47.33	nq	99
52) 3-Nitroaniline	12.58	138	90562	27.97	nq	86
53) 2,4-Dinitrophenol	12.77	184	118266	71.86	nq	# 63
54) Dibenzofuran	12.92	168	796925	50.27	nq	99
55) 4-Nitrophenol	12.95	139	195600	100.57	nq	# 76
56) 2,4-Dinitrotoluene	12.97	165	191332	49.36	nq	# 92
57) Fluorene	13.47	166	638956	46.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136411	54.52	nq	# 96
59) Diethylphthalate	13.37	149	634744	44.78	nq	98
60) 4-Chlorophenyl-phenylether	13.50	204	290954	48.02	nq	89
61) 4-Nitroaniline	13.58	138	134389	45.21	nq	98
62) Azobenzene	13.75	77	585720	51.43	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	90770	45.16	nq	# 69
65) n-Nitrosodiphenylamine	13.71	169	544537	50.04	nq	98
66) 4-Bromophenyl-phenylether	14.28	248	156818	49.50	nq	99
67) Hexachlorobenzene	14.37	284	155982	48.05	nq	# 87
68) Atrazine	14.62	200	154852	50.40	nq	95
69) Pentachlorophenol	14.71	266	144333	96.98	nq	96
70) Phenanthrene	15.02	178	835497	48.50	nq	98
71) Anthracene	15.10	178	851690	48.40	nq	98
72) Carbazole	15.38	167	691623	43.19	nq	97
73) Di-n-butylphthalate	15.95	149	898402	44.99	nq	99
74) Fluoranthene	16.75	202	740965	41.93	nq	99
76) Benzidine	16.97	184	118748	26.26	nq	# 91
77) Pyrene	17.05	202	728274	50.56	nq	99
79) Butylbenzylphthalate	17.96	149	335930	50.14	nq	# 87
80) Benzo(a)anthracene	18.63	228	552374	49.28	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	148337	38.32	nq	# 95
82) Chrysene	18.68	228	520611	48.03	nq	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	480359	50.32	nq	# 99
84) Di-n-octyl phthalate	19.48	149	747962	47.79	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	504508	57.32	nq	99
87) Benzo(b)fluoranthene	19.90	252	530877	46.02	nq	98
88) Benzo(k)fluoranthene	19.93	252	524908	47.17	nq	# 96
89) Benzo(a)pyrene	20.25	252	511853	48.09	nq	99
90) Dibenzo(a,h)anthracene	21.61	278	419199	47.69	nq	99
91) Benzo(g,h,i)perylene	21.97	276	406393	47.11	nq	98

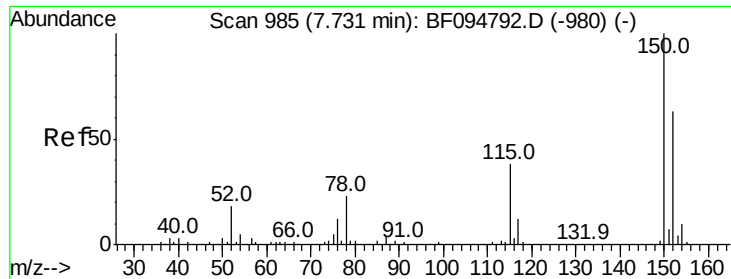
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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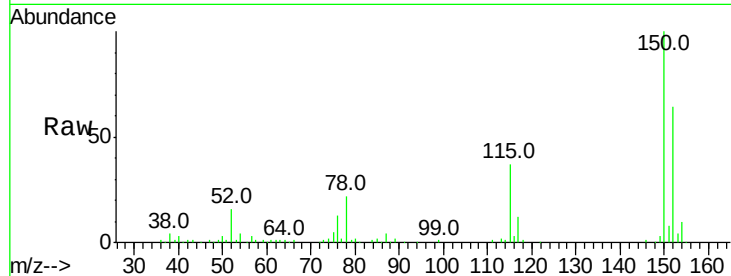


#1

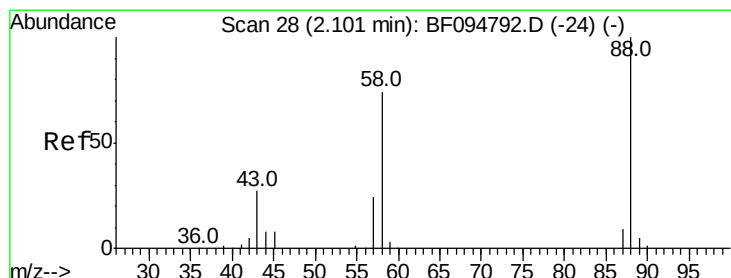
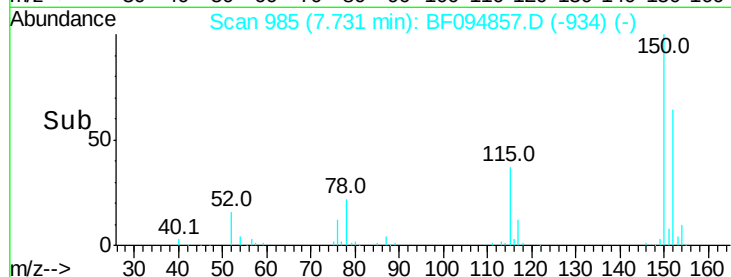
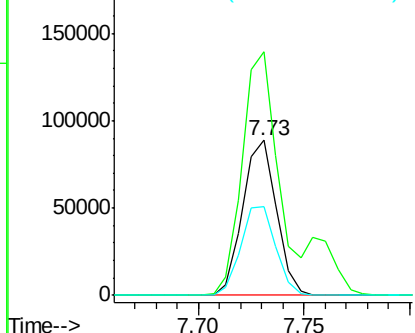
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98954
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 57.4 52.2 78.2



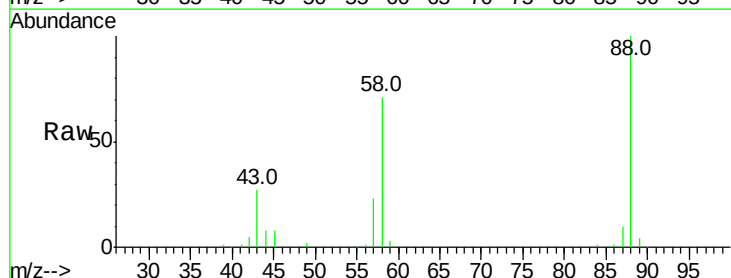
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



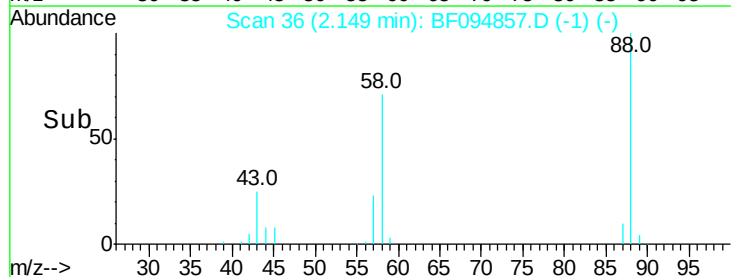
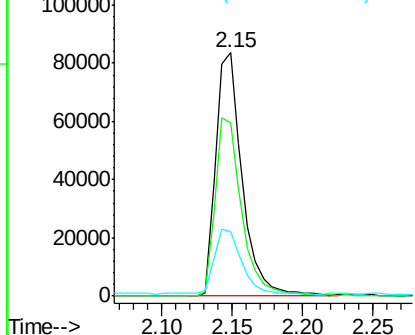
#2

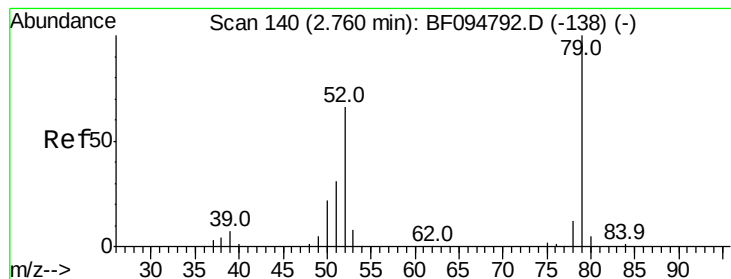
1,4-Dioxane
Concen: 37.53 ng
RT: 2.15 min Scan# 36
Delta R.T. 0.05 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion: 88 Resp: 109234
Ion Ratio Lower Upper
88 100
58 74.0 61.4 92.0
43 26.1 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: 37.60 ng

RT: 2.82 min Scan# 150

Delta R.T. 0.06 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

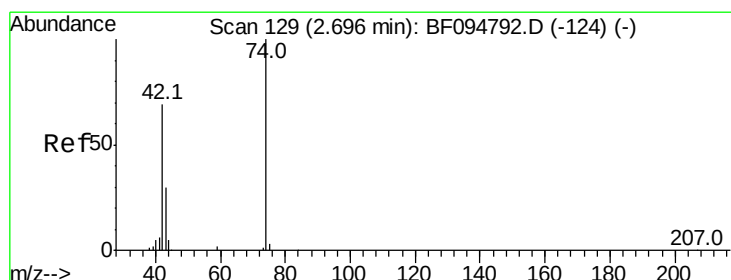
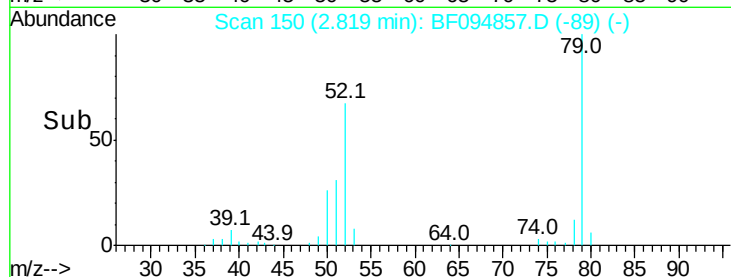
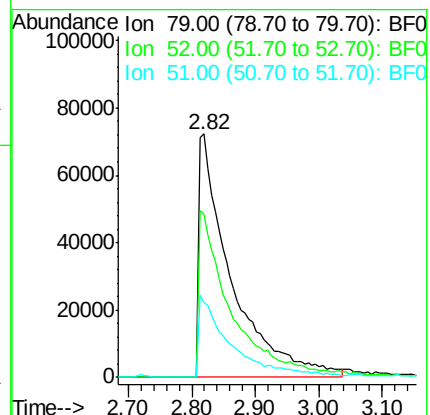
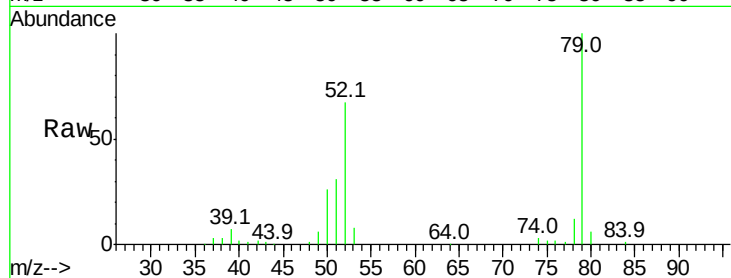
Tot Ion: 79 Resp: 253688

Ion Ratio Lower Upper

79 100

52 66.7 54.8 82.2

51 30.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 44.49 ng

RT: 2.74 min Scan# 137

Delta R.T. 0.05 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

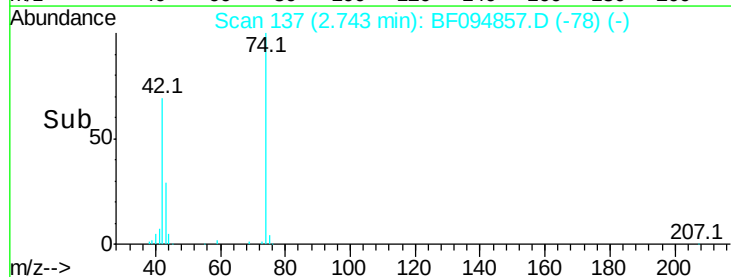
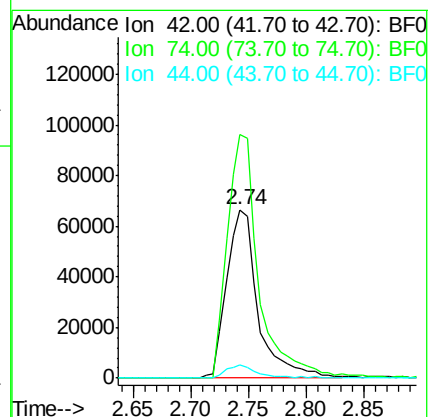
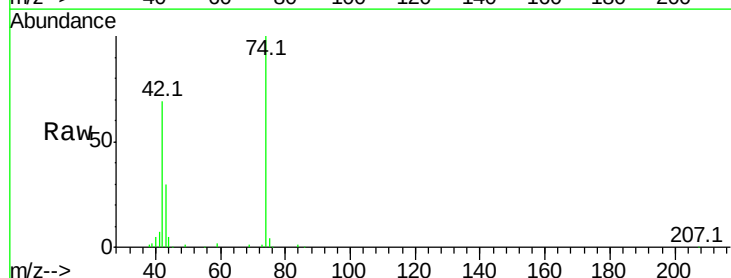
Tgt Ion: 42 Resp: 125122

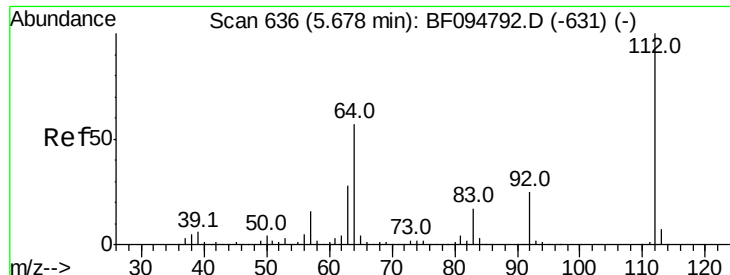
Ion Ratio Lower Upper

42 100

74 144.6 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 131.75 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

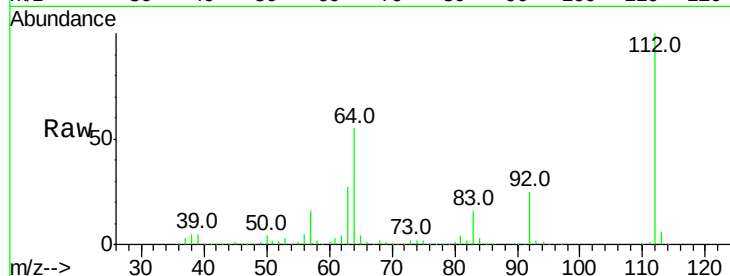
Tot Ion:112 Resp: 781950

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

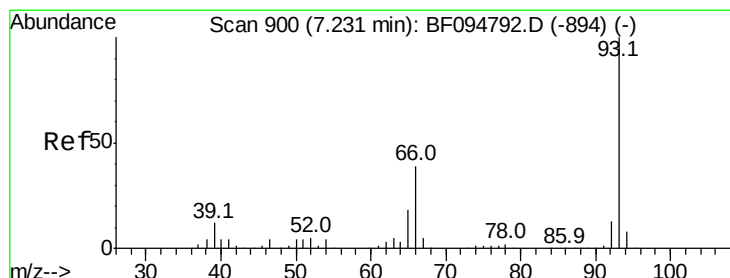
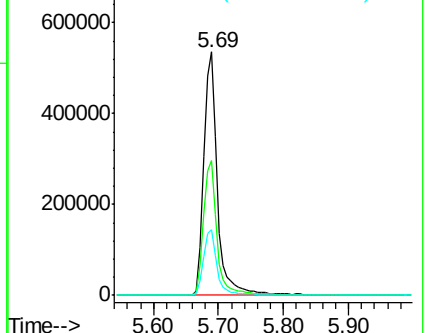
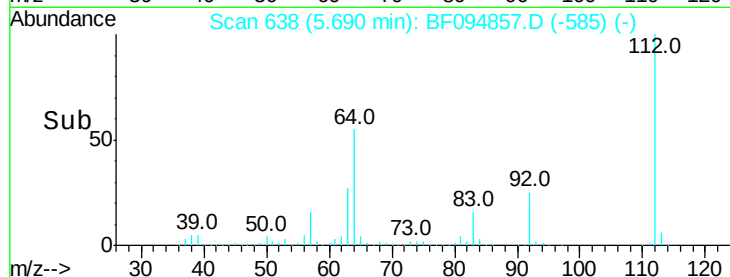
63 27.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.10 ng

RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

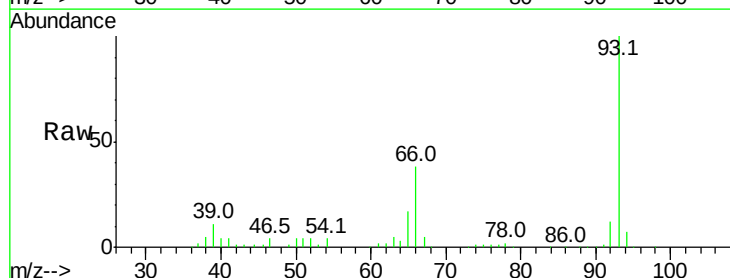
Tgt Ion: 93 Resp: 306564

Ion Ratio Lower Upper

93 100

66 37.9 32.9 49.3

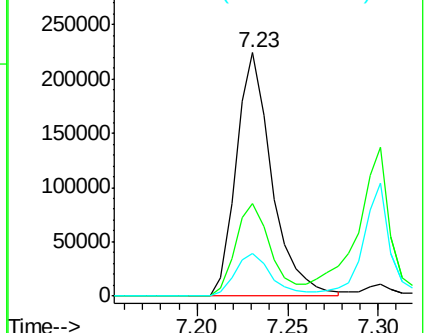
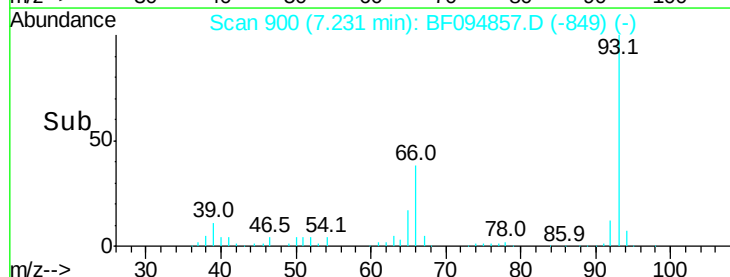
65 17.4 16.0 24.0

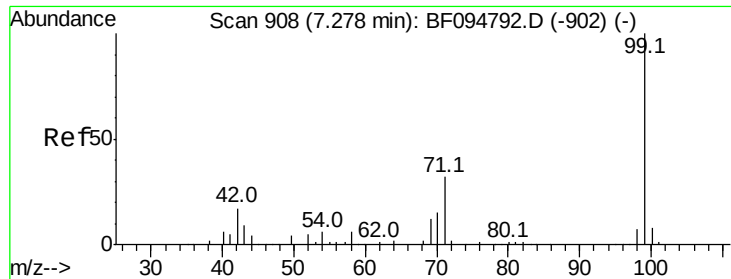


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.72 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

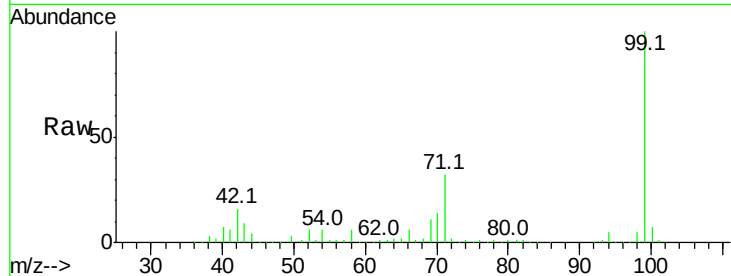
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1016386

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.4	24.5	36.7

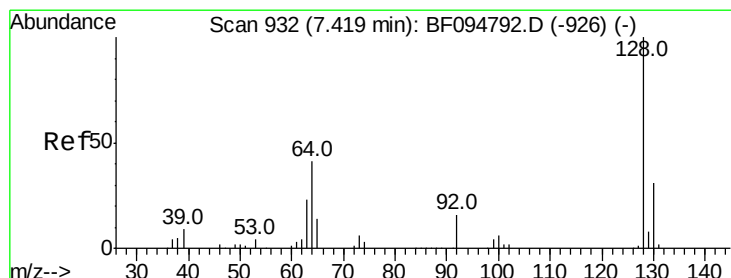
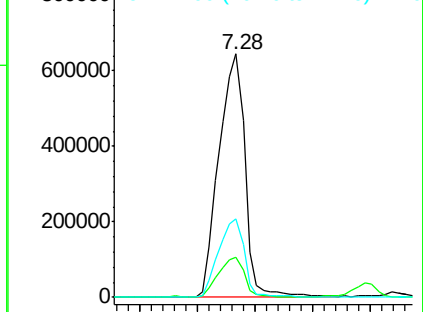
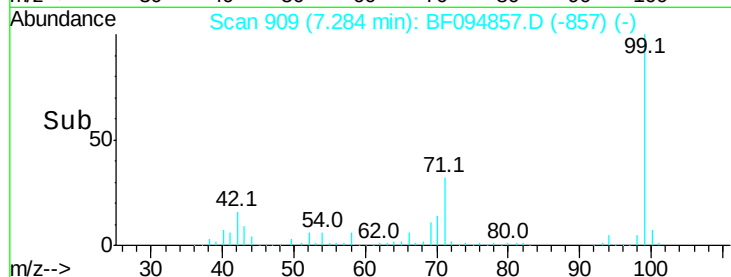


Abundance

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: 50.23 ng

RT: 7.42 min Scan# 932

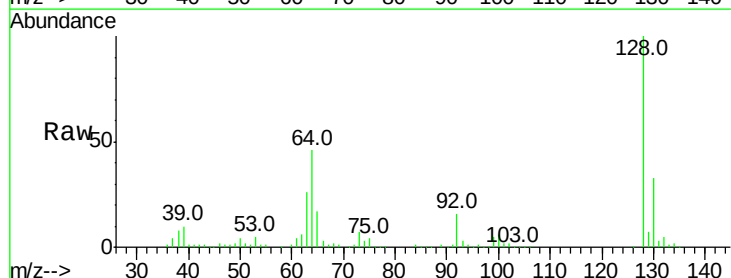
Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion: 128 Resp: 339316

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	45.5	28.4	68.4

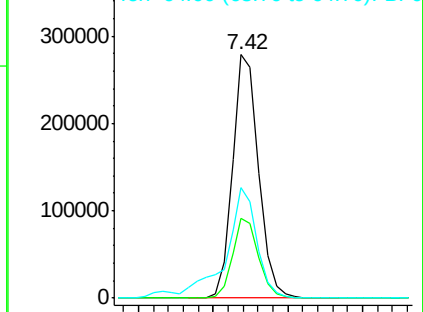
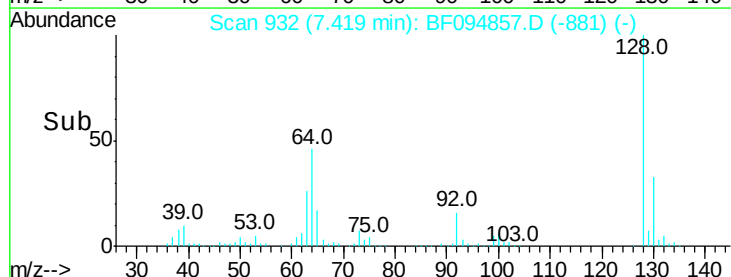


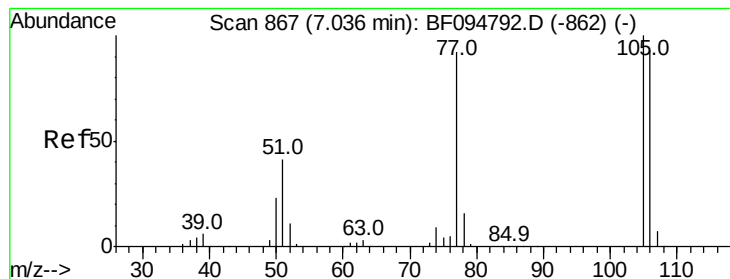
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.22 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

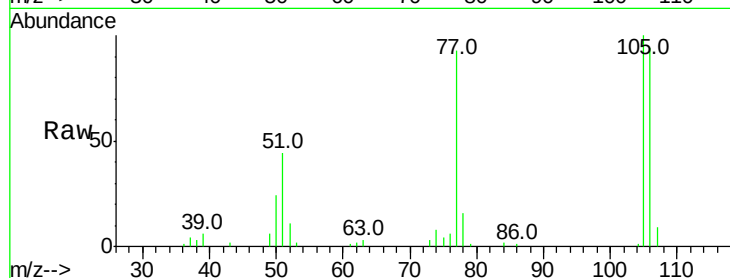
Tot Ion: 77 Resp: 57487

Ion Ratio Lower Upper

77 100

105 107.6 83.8 123.8

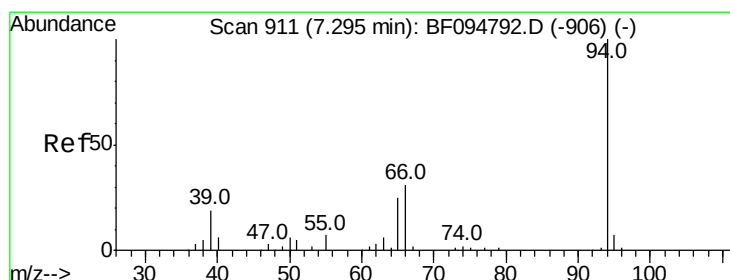
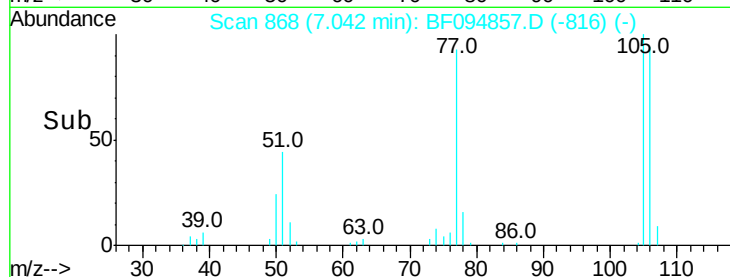
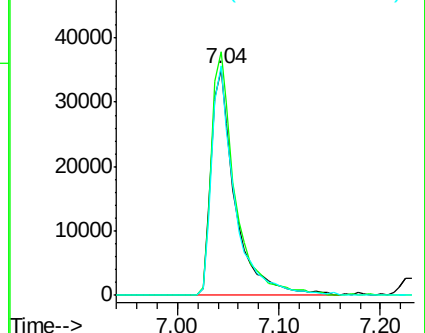
106 101.4 79.1 119.1



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: 53.73 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

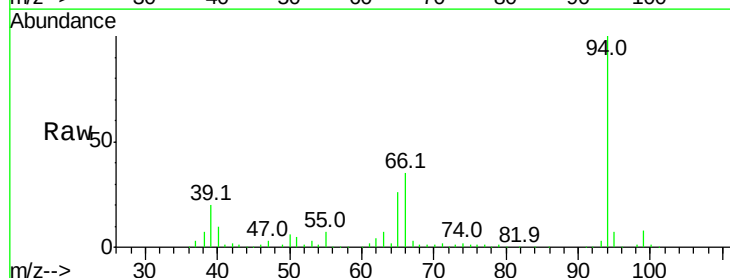
Tgt Ion: 94 Resp: 403200

Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

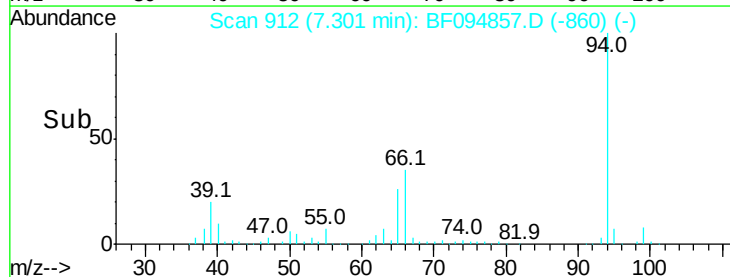
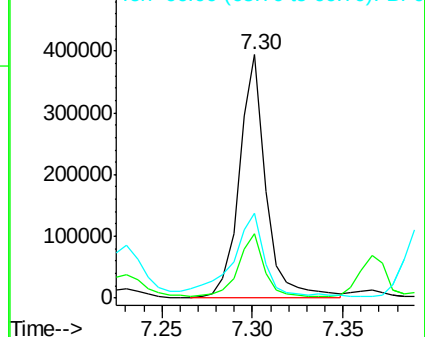
66 34.8 23.1 63.1

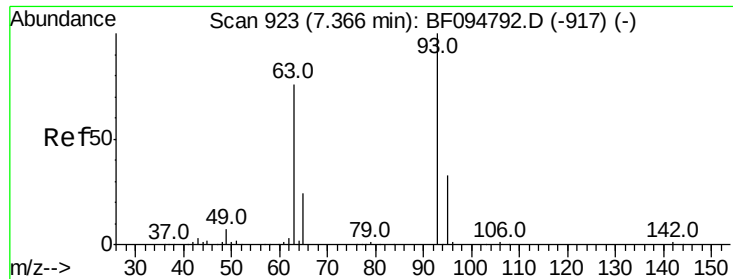


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 48.07 ng

RT: 7.37 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

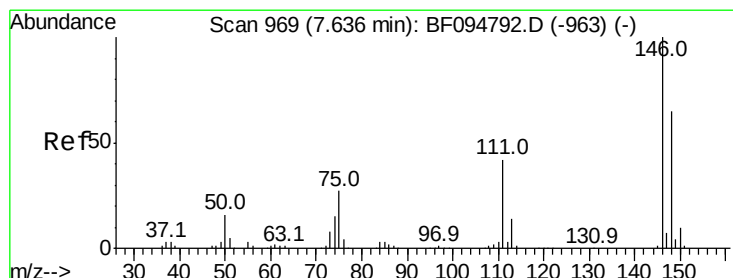
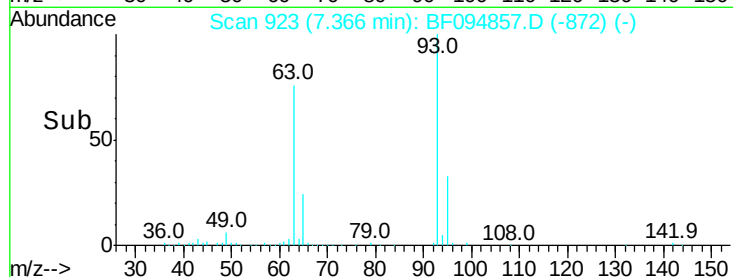
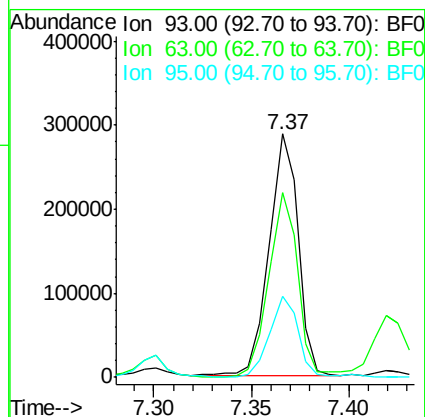
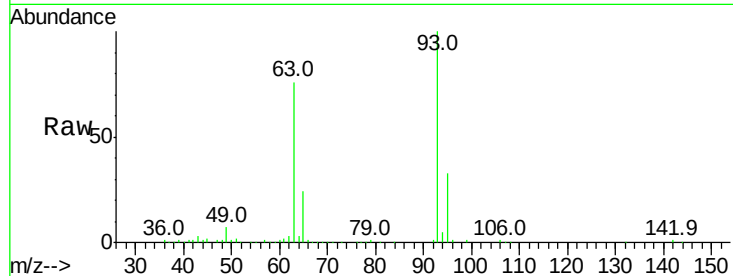
Tot Ion: 93 Resp: 297827

Ion Ratio Lower Upper

93 100

63 75.6 59.2 99.2

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 45.21 ng

RT: 7.64 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

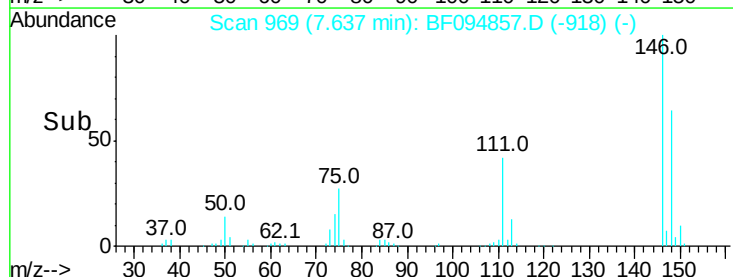
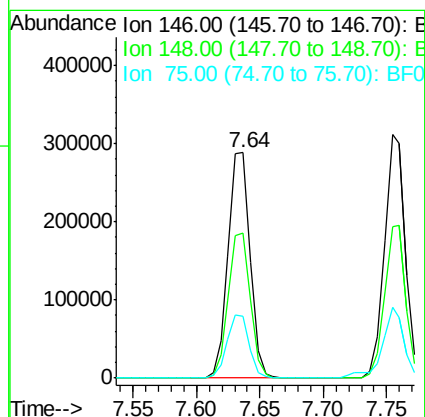
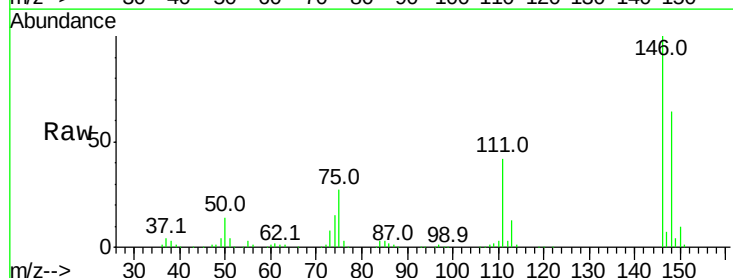
Tgt Ion: 146 Resp: 346436

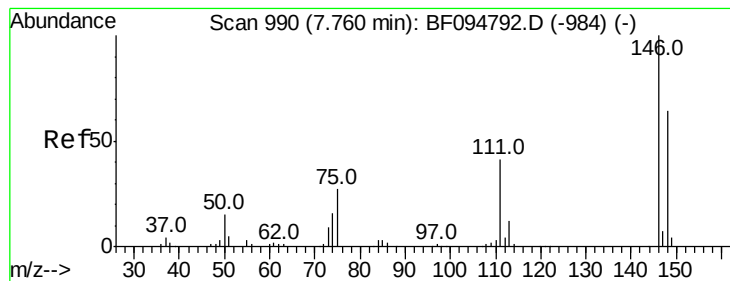
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 27.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 46.61 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

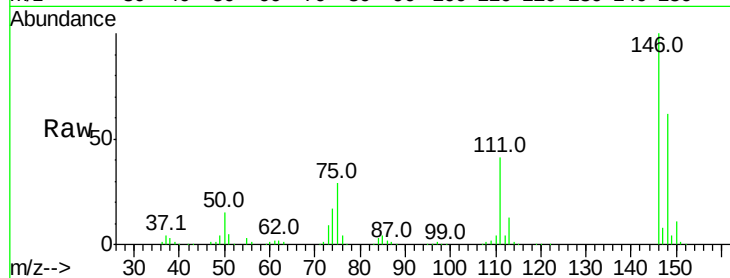
Tot Ion:146 Resp: 362217

Ion Ratio Lower Upper

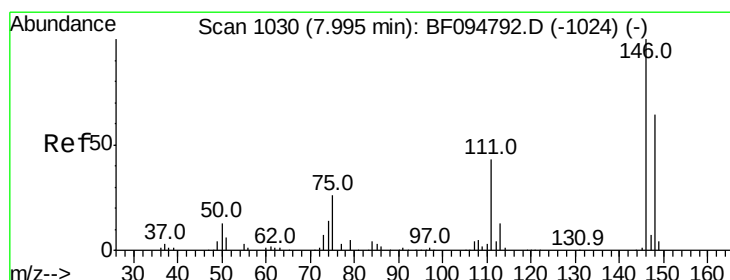
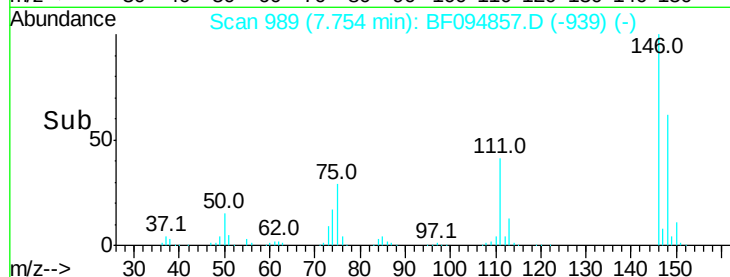
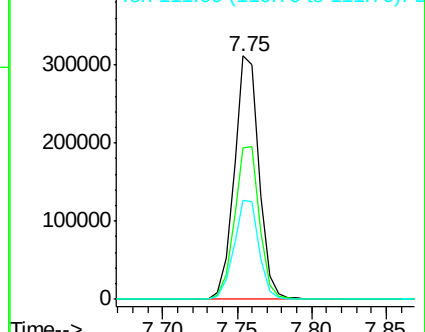
146 100

148 62.4 52.2 78.2

111 40.7 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: 45.48 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

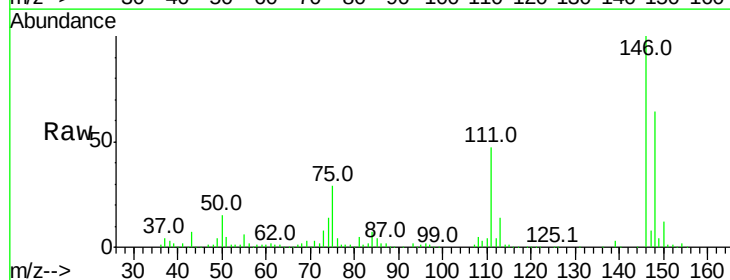
Tgt Ion:146 Resp: 329908

Ion Ratio Lower Upper

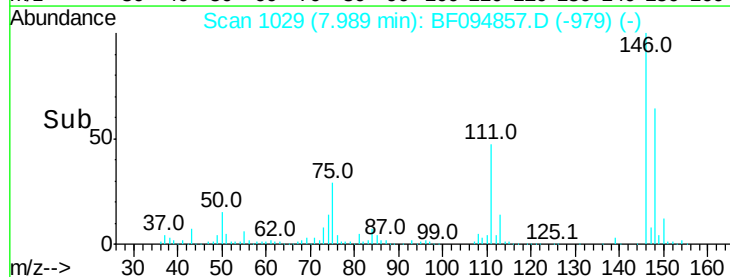
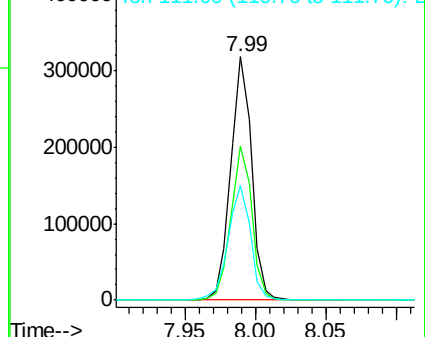
146 100

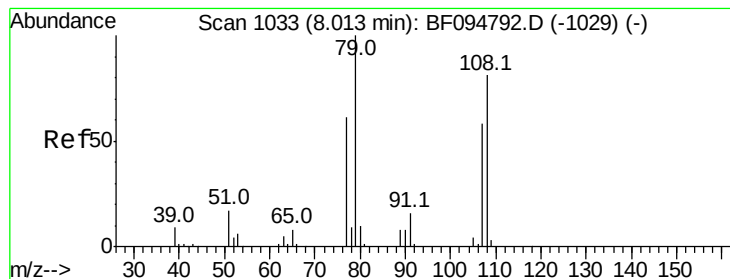
148 63.5 50.4 75.6

111 46.7 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: 58.11 ng

RT: 8.01 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

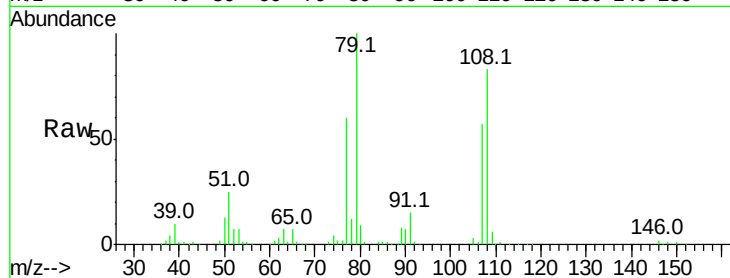
Tot Ion: 79 Resp: 266191

Ion Ratio Lower Upper

79 100

108 82.9 63.4 95.0

77 59.7 49.2 73.8

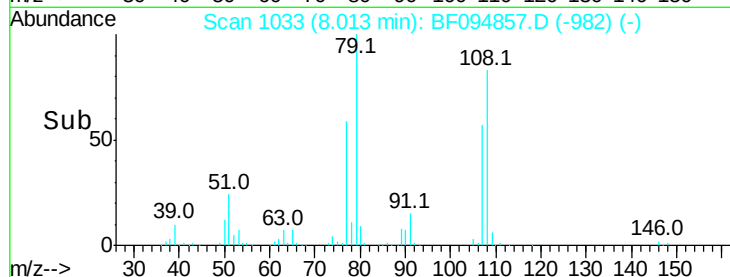


Abundance Ion 79.00 (78.70 to 79.70): BF0

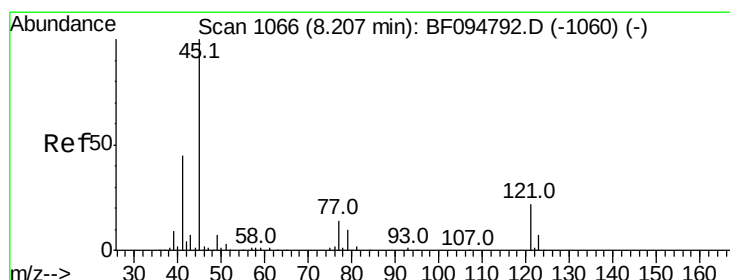
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.20 ng

RT: 8.22 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

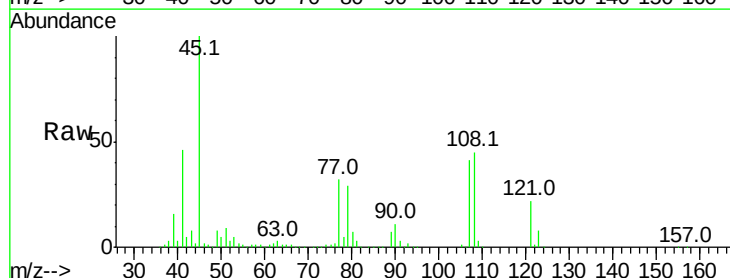
Tgt Ion: 45 Resp: 387523

Ion Ratio Lower Upper

45 100

77 31.6 0.0 33.2

79 28.6 0.0 30.0

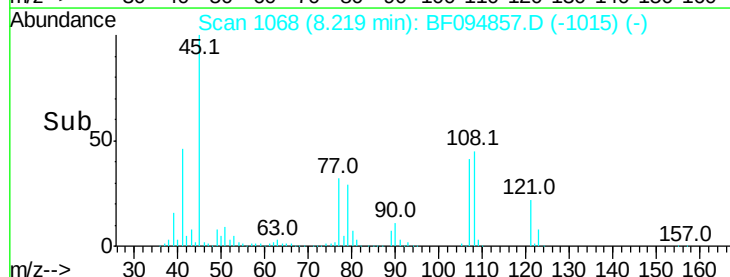


Abundance Ion 45.00 (44.70 to 45.70): BF0

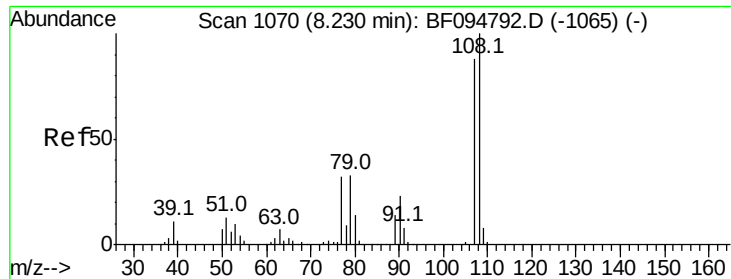
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



Time-->



#17

2-Methylphenol

Concen: 48.50 ng

RT: 8.22 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF094857.D

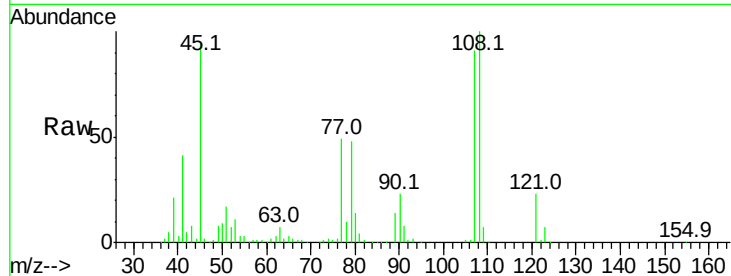
Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	268152
Ion	Ratio	Lower	Upper
107	100		
108	109.4	93.4	140.0
77	53.7	35.8	53.6#
79	52.5	34.8	52.2#

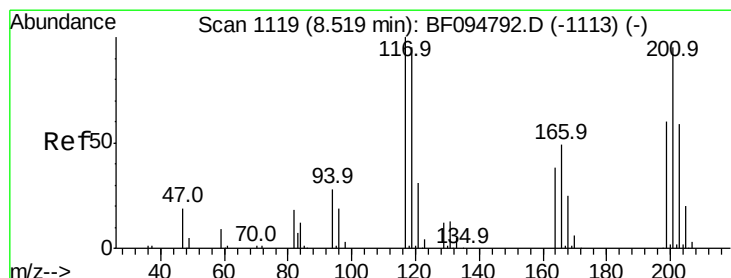
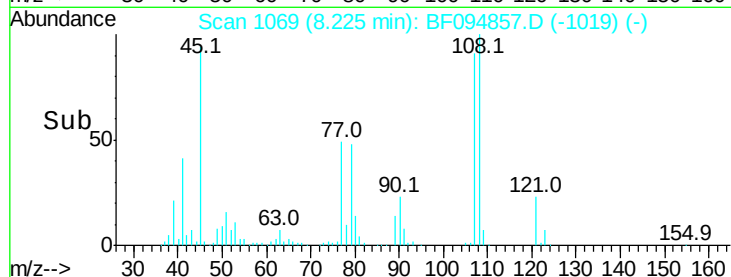
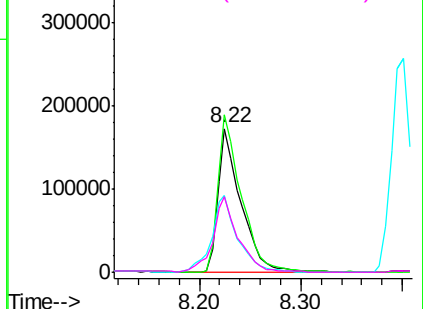


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.93 ng

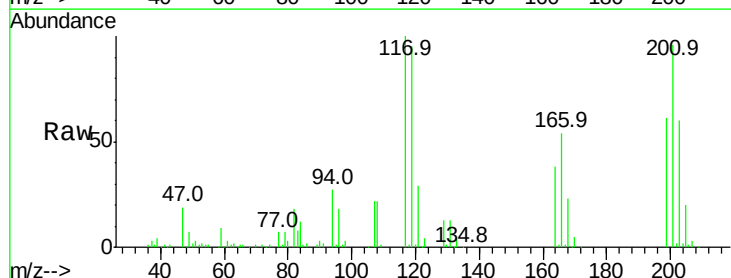
RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

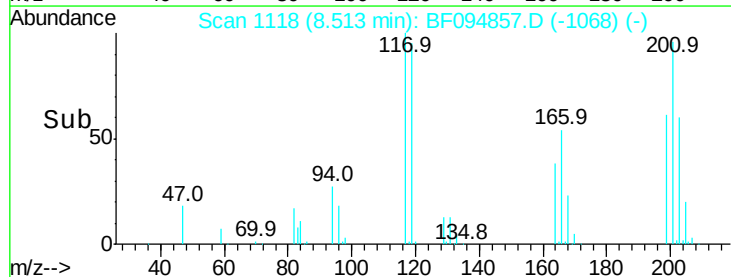
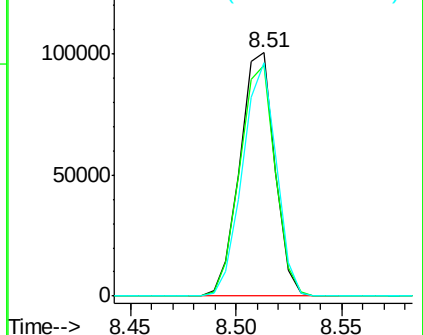
Tgt Ion:	117	Resp:	115650
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
201	95.6	94.6	141.8

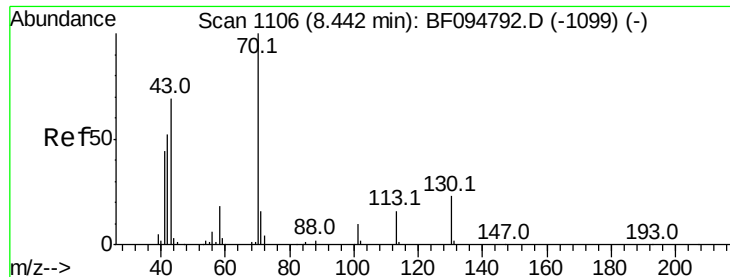


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

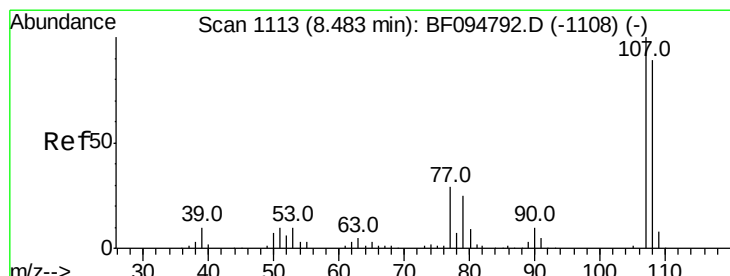
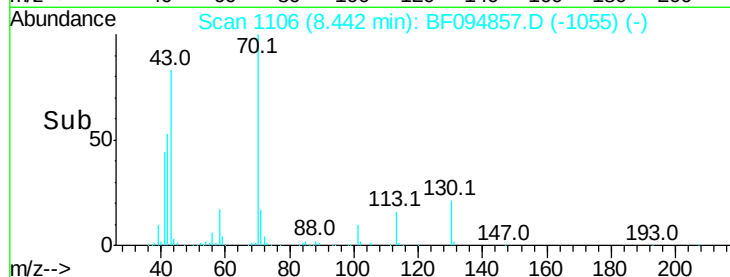
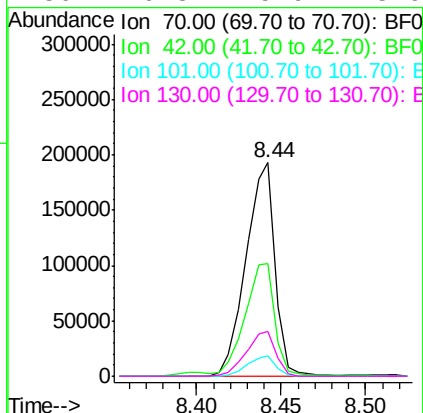
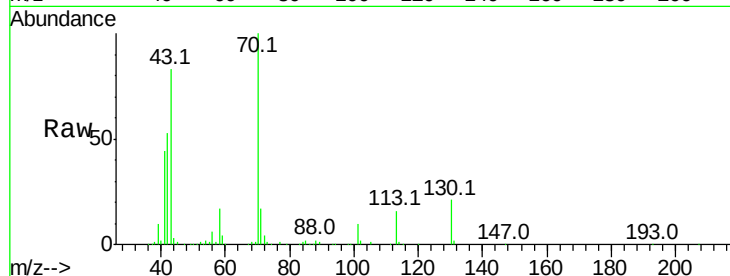




#19
n-Nitroso-di-n-propylamine
Concen: 48.06 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

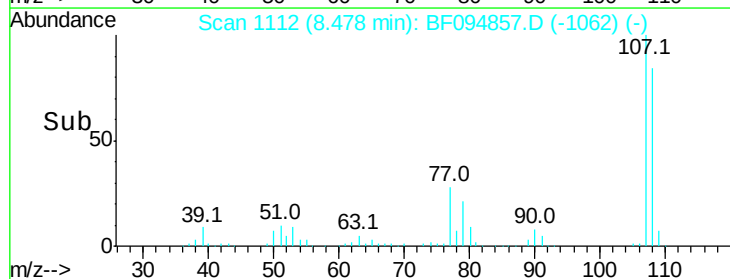
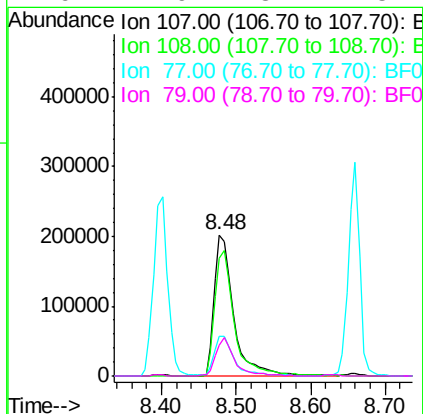
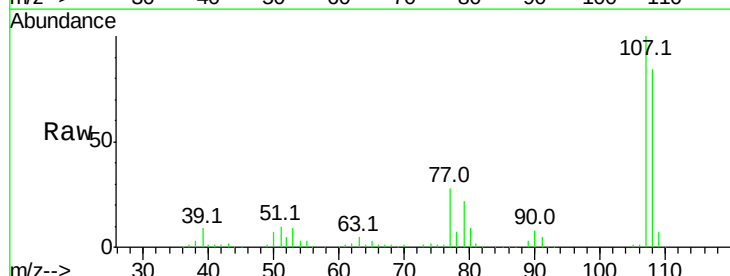
Instrument :
BNA_F
ClientSampled :

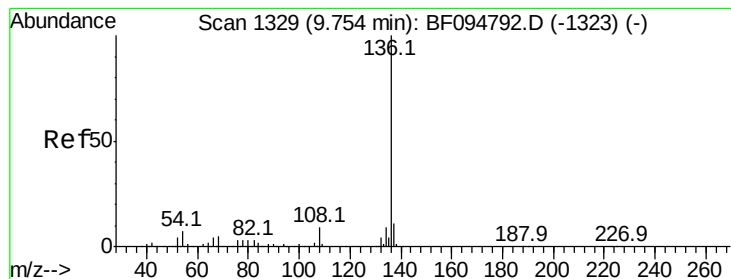
Tot Ion: 70 Resp: 231460
Ion Ratio Lower Upper
70 100
42 52.8 47.2 70.8
101 9.8 7.2 10.8
130 20.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 48.64 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:107 Resp: 365382
Ion Ratio Lower Upper
107 100
108 84.1 71.0 111.0
77 28.5 90.5 130.5#
79 21.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 389712

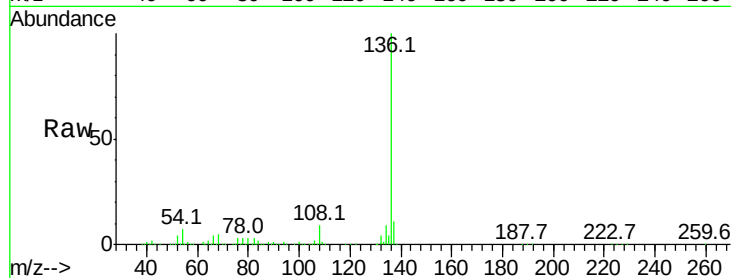
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

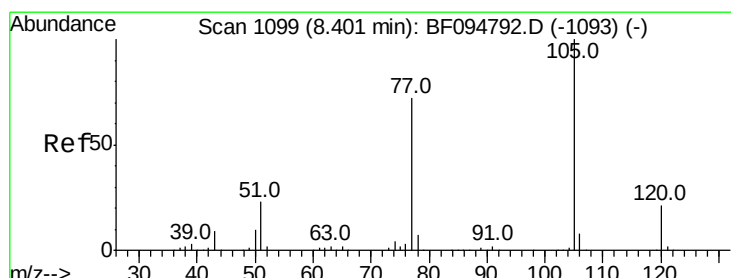
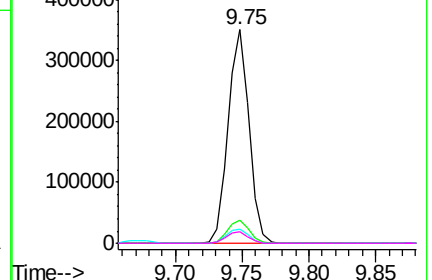
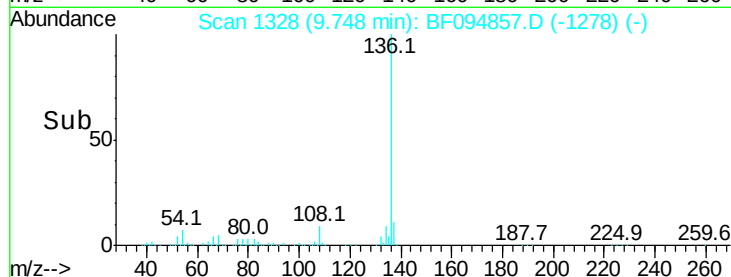


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.22 ng

RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:105 Resp: 469561

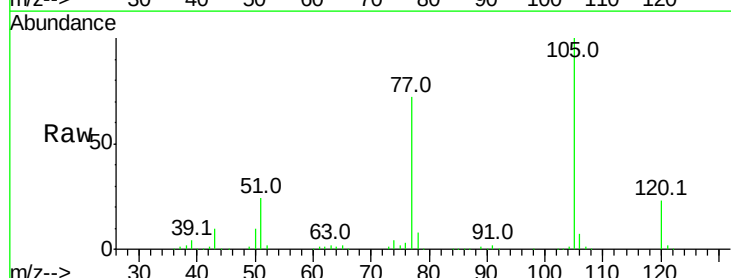
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

120 22.9 17.4 26.0

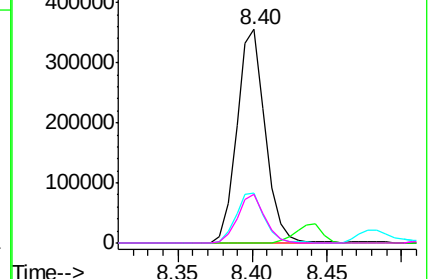
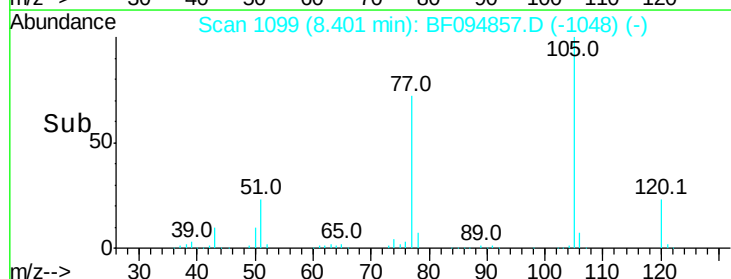


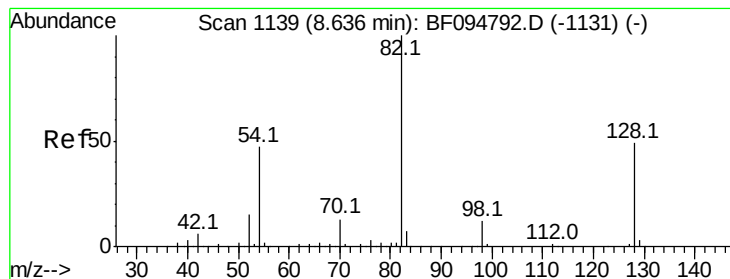
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 94.96 ng

RT: 8.63 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

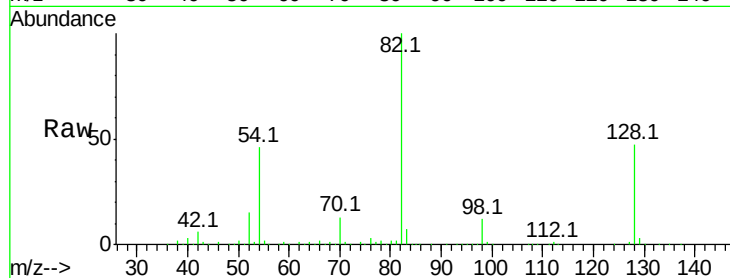
Tot Ion: 82 Resp: 586893

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

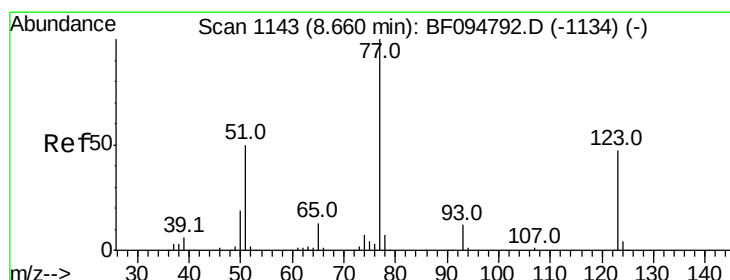
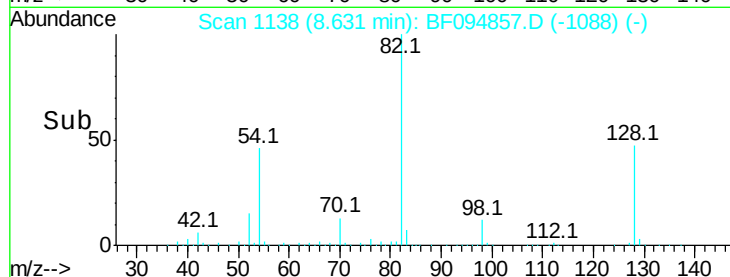
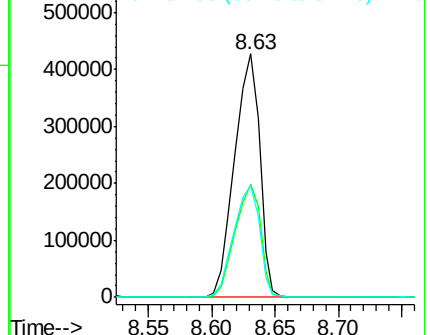
54 46.2 42.2 63.2



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: 50.26 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

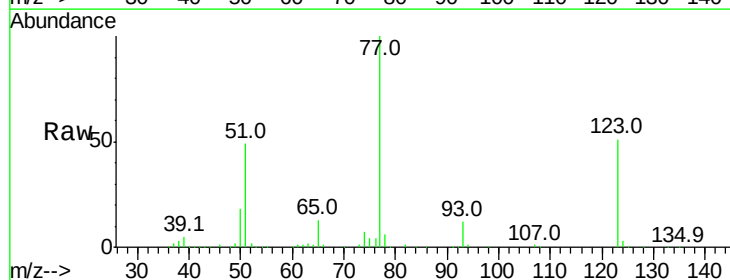
Tgt Ion: 77 Resp: 325576

Ion Ratio Lower Upper

77 100

123 51.4 35.8 53.8

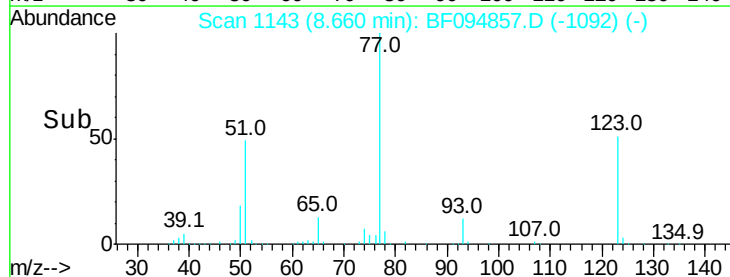
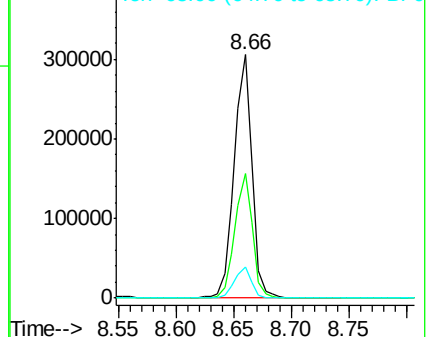
65 12.8 10.6 15.8

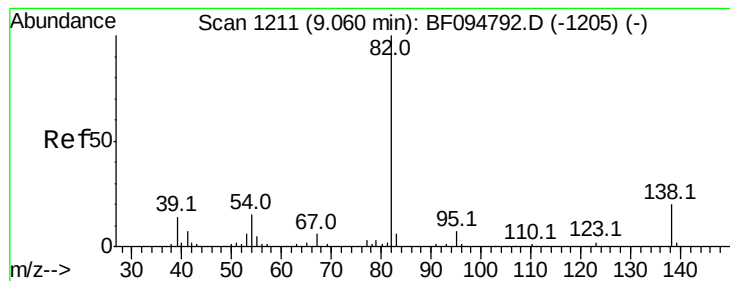


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.51 ng

RT: 9.06 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

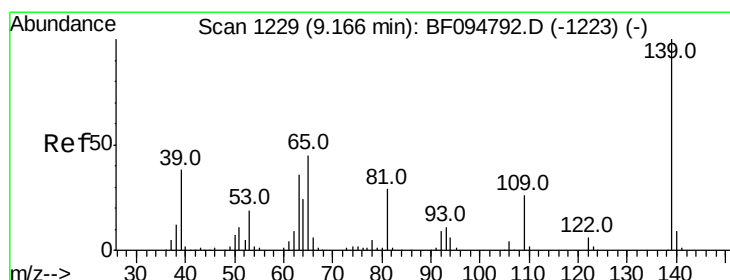
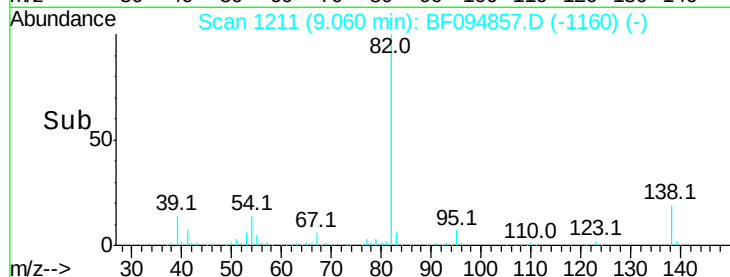
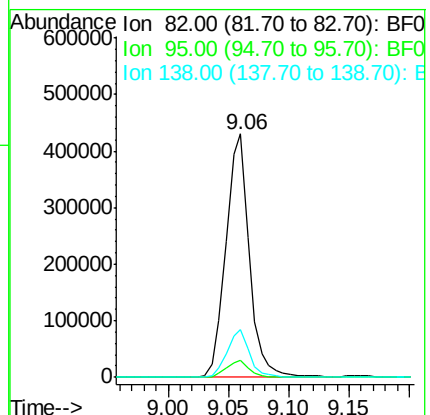
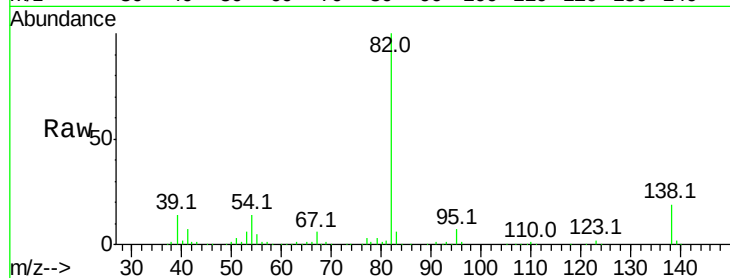
Tot Ion: 82 Resp: 579415

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 53.84 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

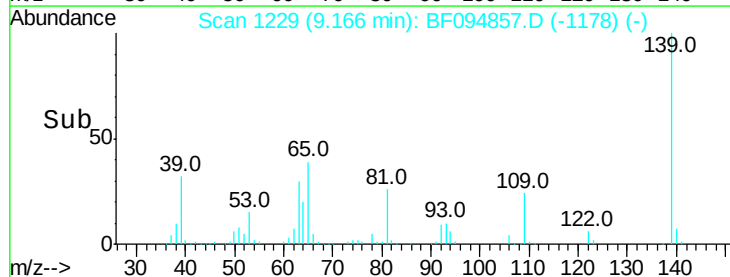
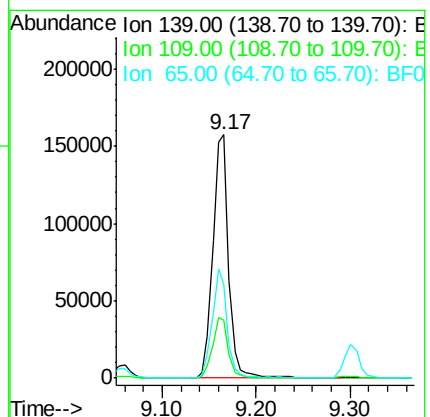
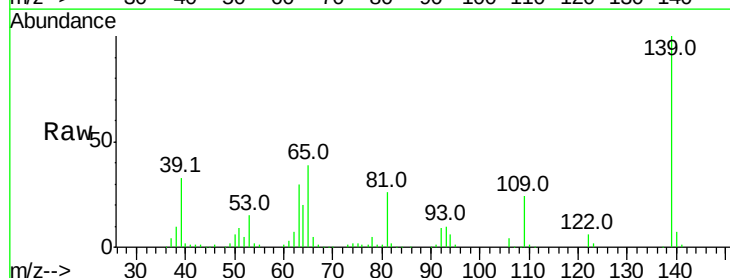
Tgt Ion: 139 Resp: 188200

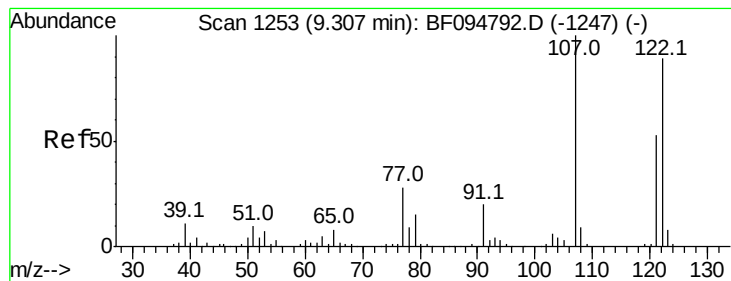
Ion Ratio Lower Upper

139 100

109 23.6 21.0 31.6

65 38.8 33.0 49.6

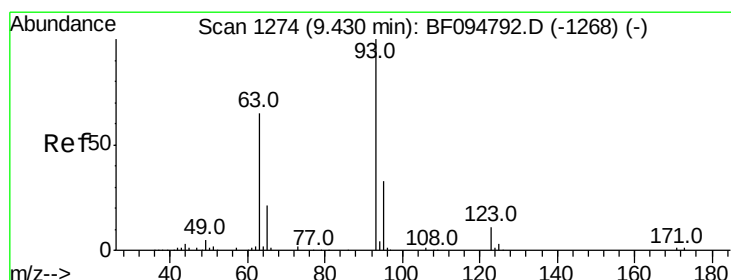
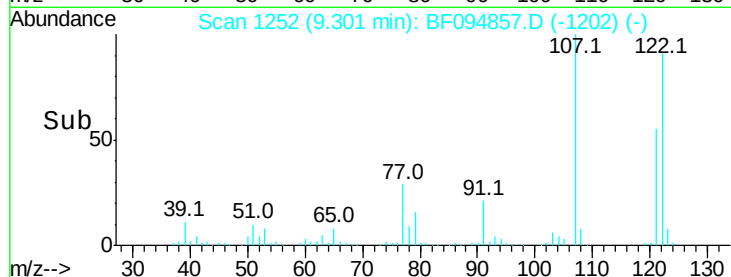
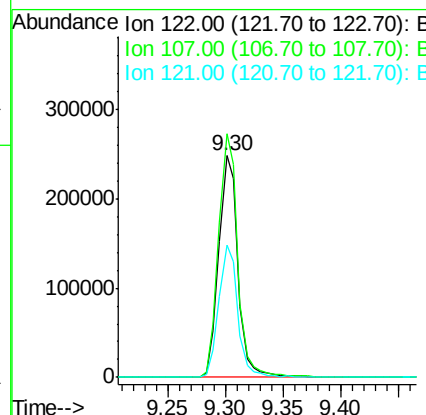
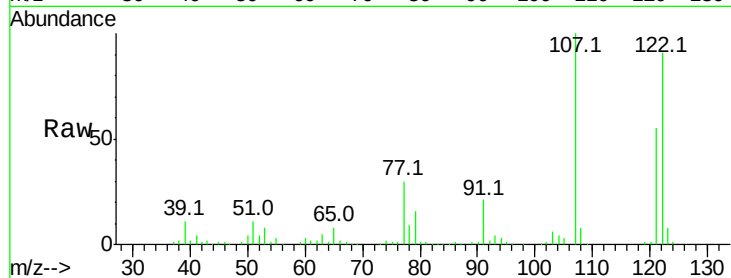




#27
 2,4-Dimethylphenol
 Concen: 50.98 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

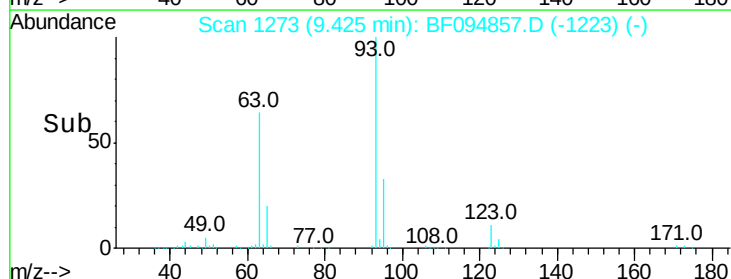
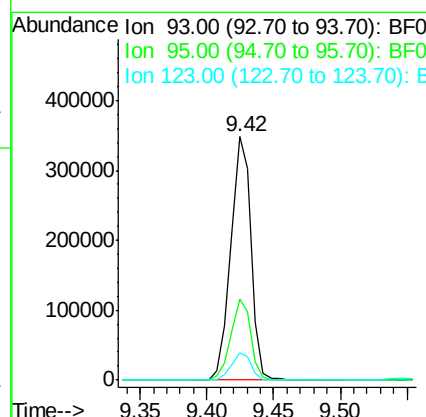
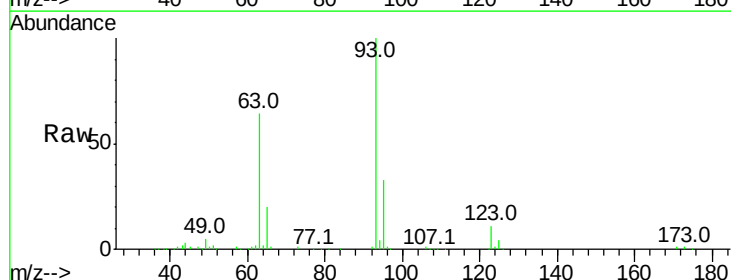
Instrument :
 BNA_F
 ClientSampleId :

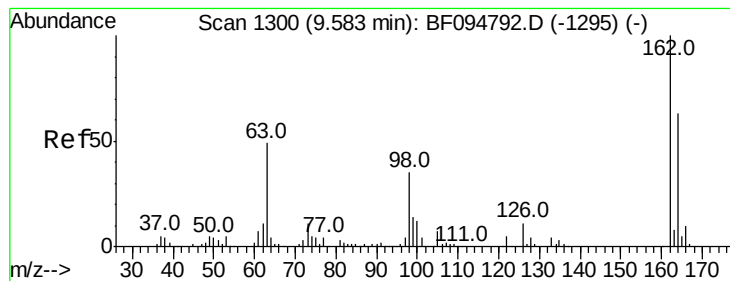
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.2	133.8
121	60.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.26 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	11.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 54.36 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

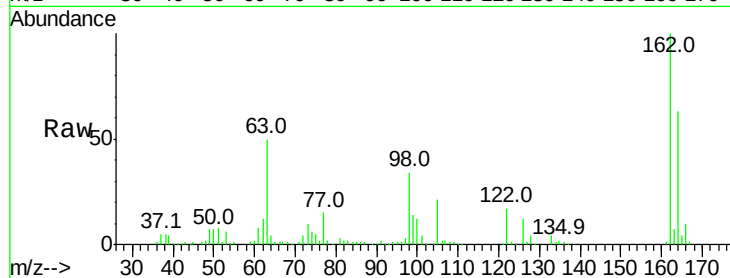
Tot Ion:162 Resp: 290068

Ion Ratio Lower Upper

162 100

164 63.3 44.6 84.6

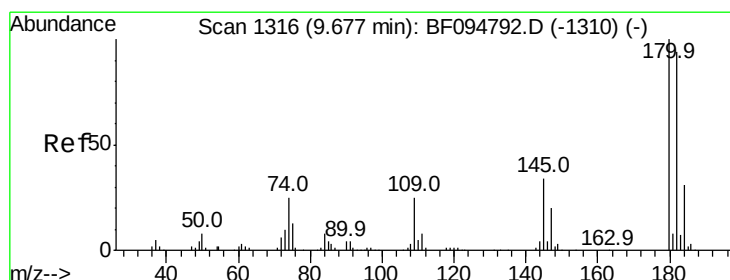
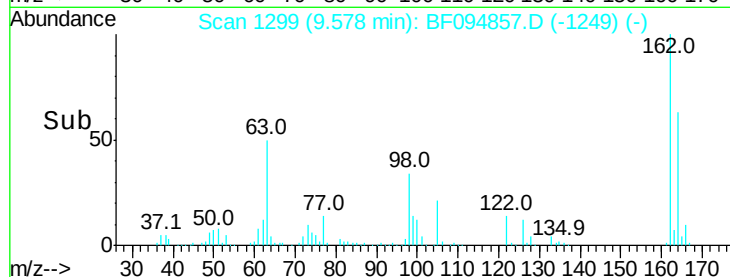
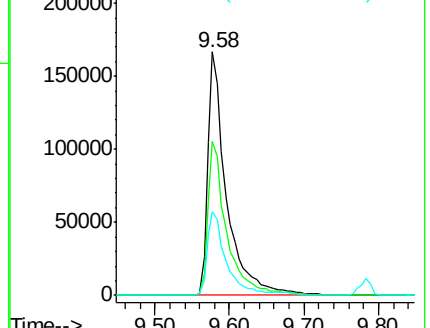
98 34.5 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 49.54 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

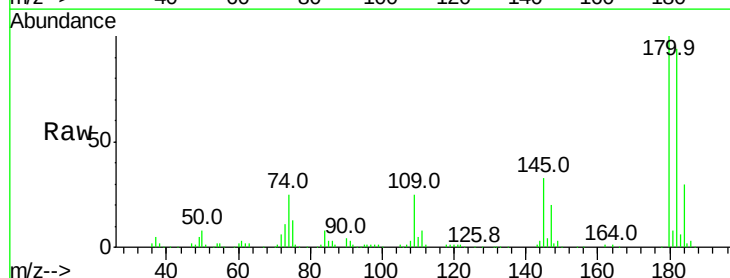
Tgt Ion:180 Resp: 283190

Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

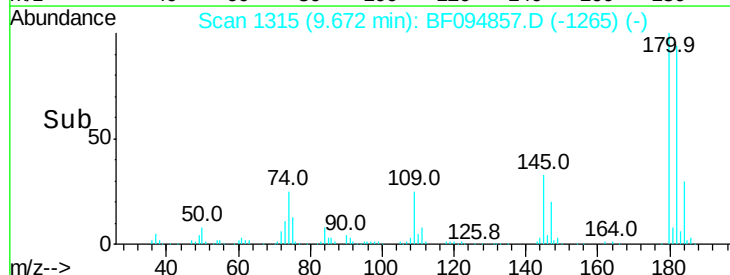
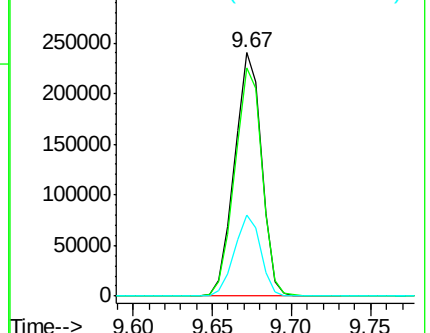
145 33.3 25.3 37.9

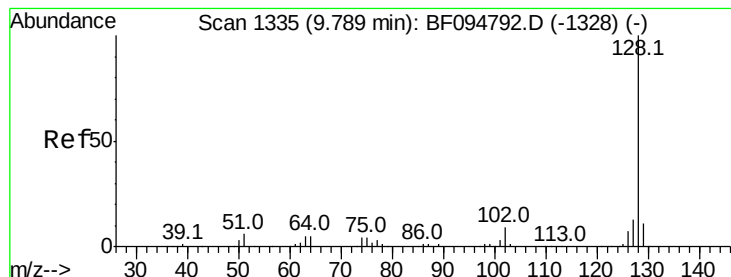


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.85 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

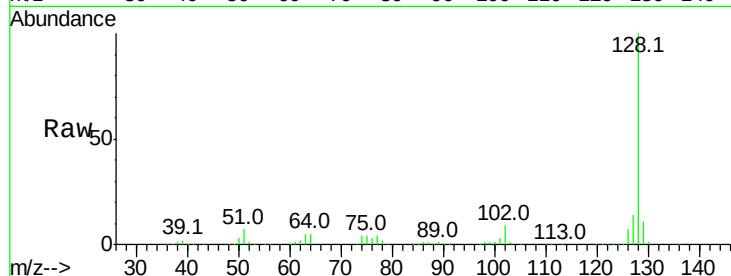
Tot Ion:128 Resp: 937256

Ion Ratio Lower Upper

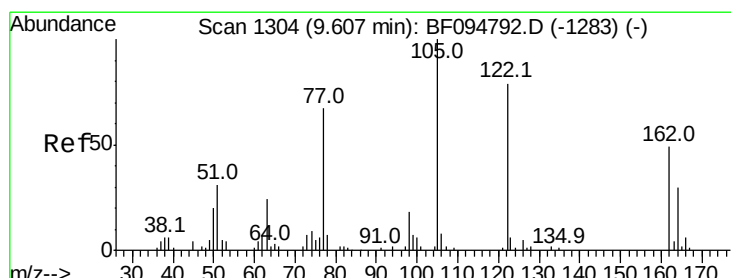
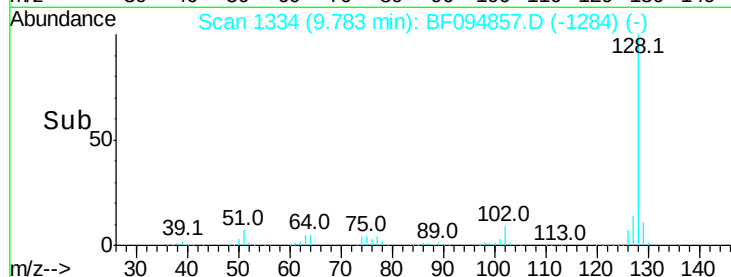
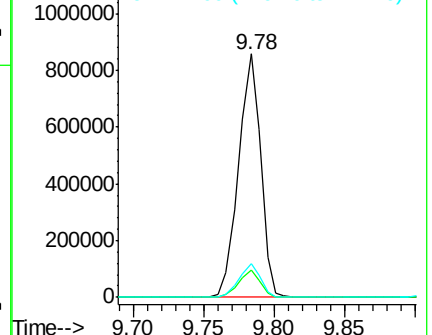
128 100

129 11.0 9.0 13.6

127 13.8 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: 36.97 ng

RT: 9.60 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

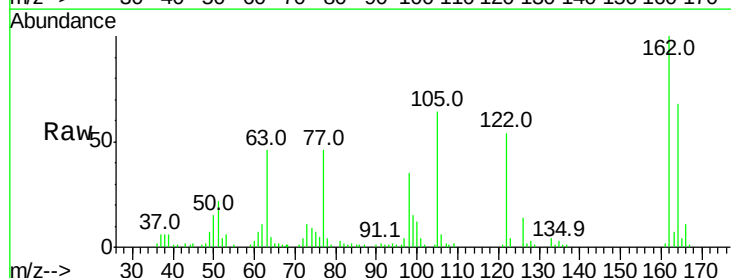
Tgt Ion:122 Resp: 132316

Ion Ratio Lower Upper

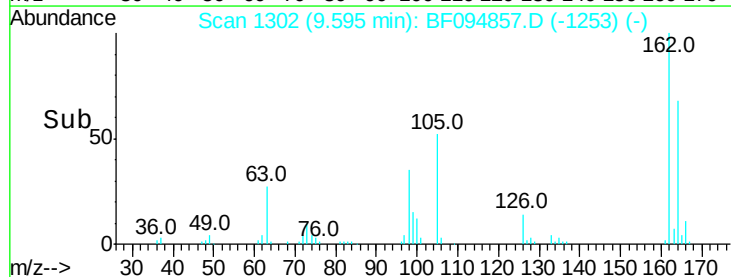
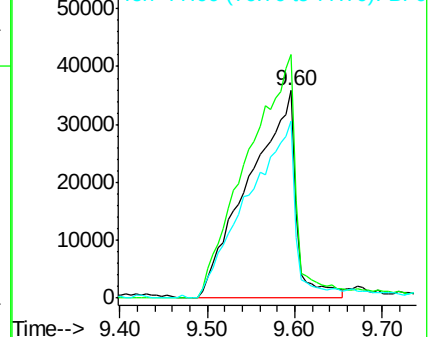
122 100

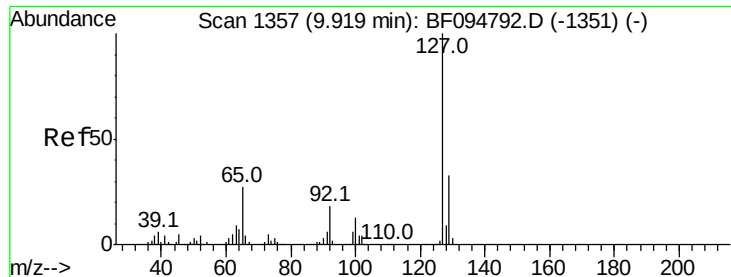
105 117.3 103.3 143.3

77 85.1 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

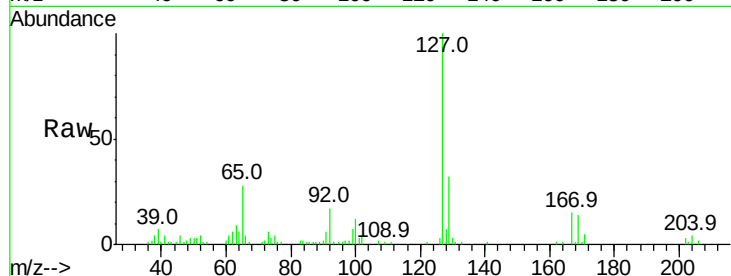




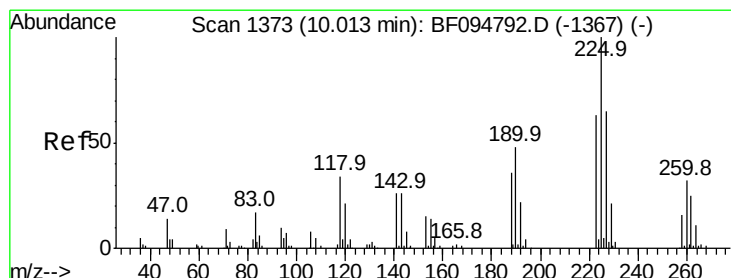
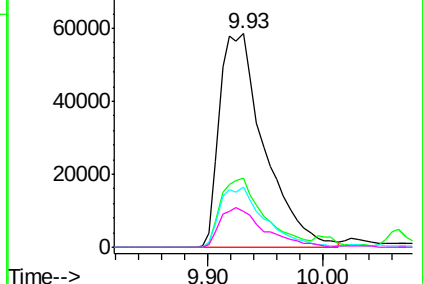
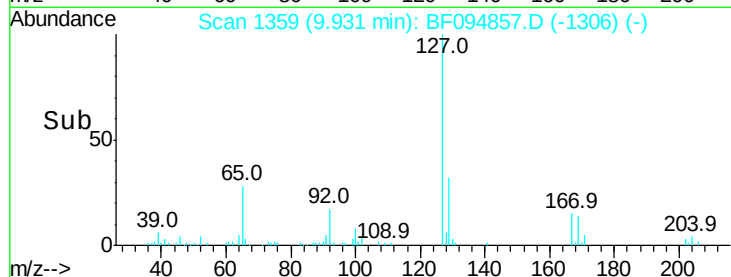
#33
4-Chloroaniline
Concen: 21.59 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	157614
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	28.2	27.8	41.8
92	17.0	16.8	25.2

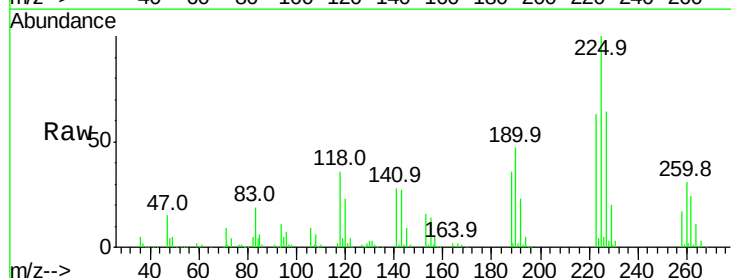


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

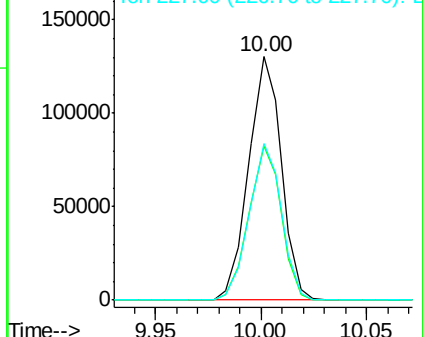
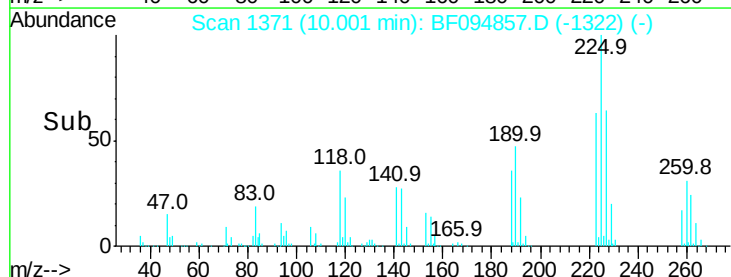


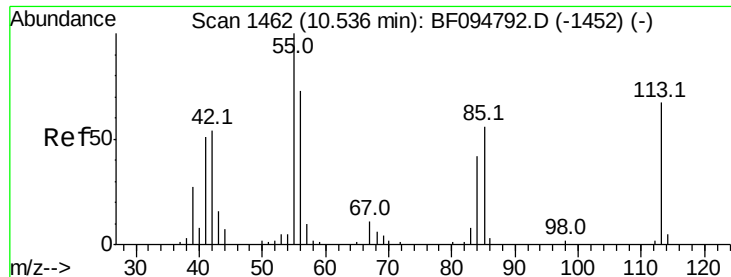
#34
Hexachlorobutadiene
Concen: 46.59 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:	225	Resp:	140549
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	64.2	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: 2.92 ng

RT: 10.71 min Scan# 1491

Delta R.T. 0.17 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

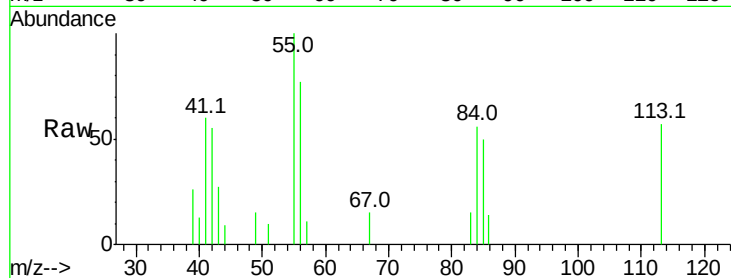
Tot Ion:113 Resp: 4676

Ion Ratio Lower Upper

113 100

55 176.2 150.2 190.2

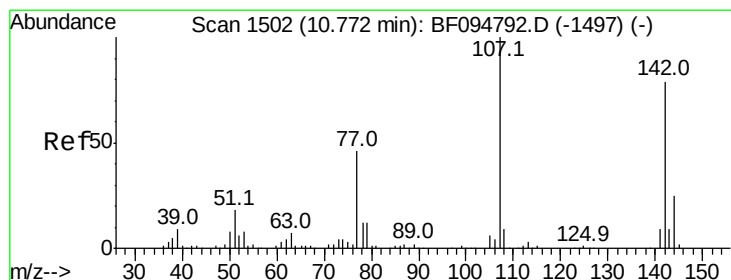
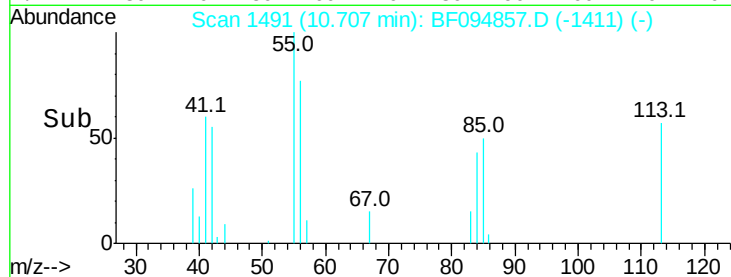
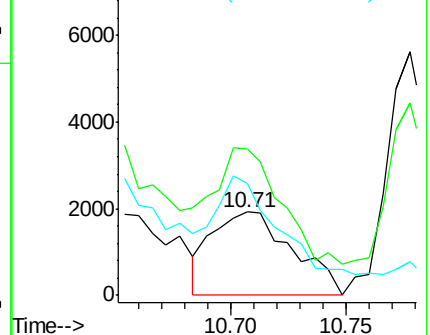
56 135.1 107.8 147.8



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: 50.64 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

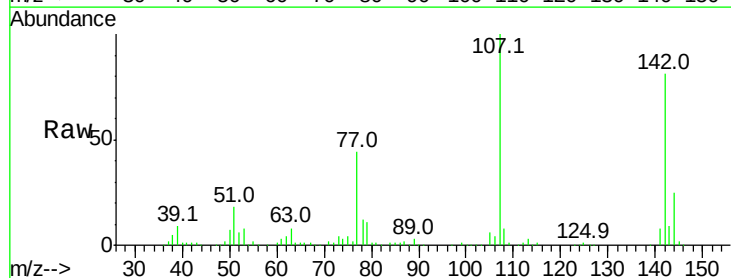
Tgt Ion:107 Resp: 288917

Ion Ratio Lower Upper

107 100

144 25.1 24.2 36.4

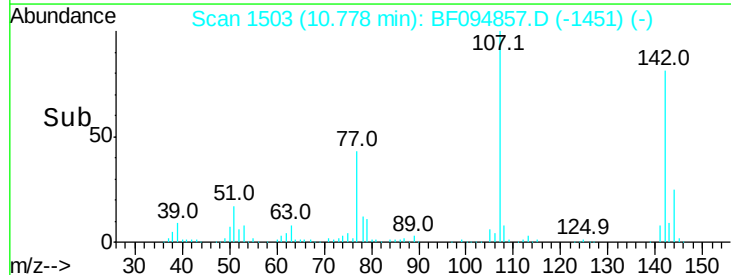
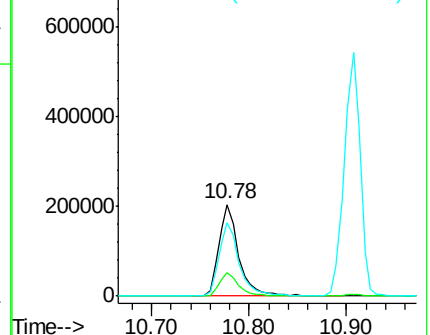
142 80.7 73.4 110.0

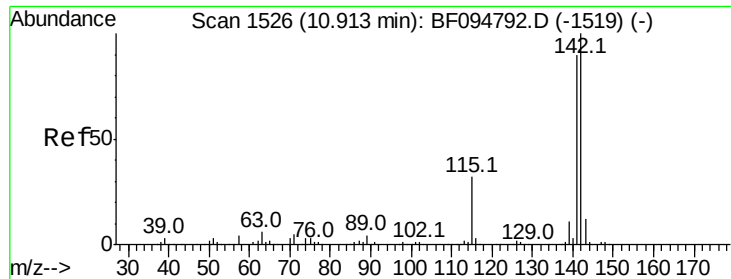


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

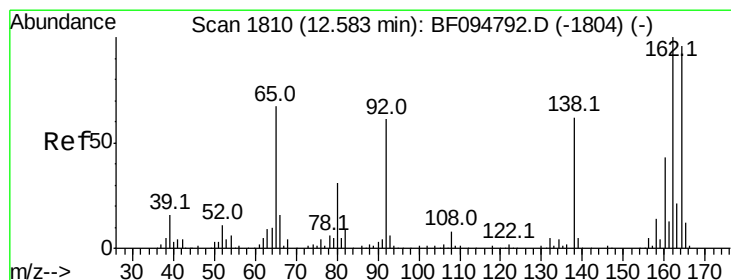
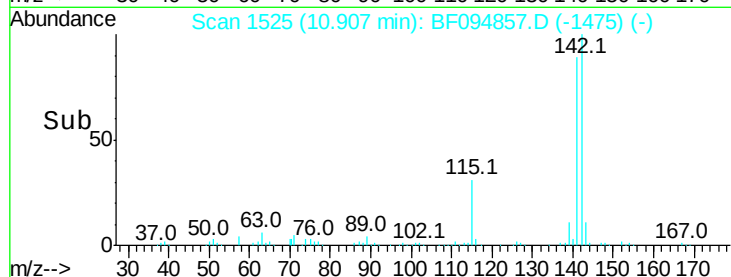
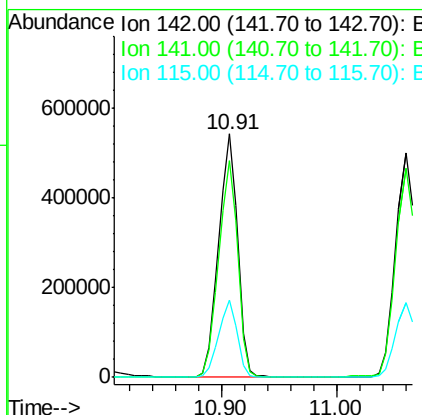
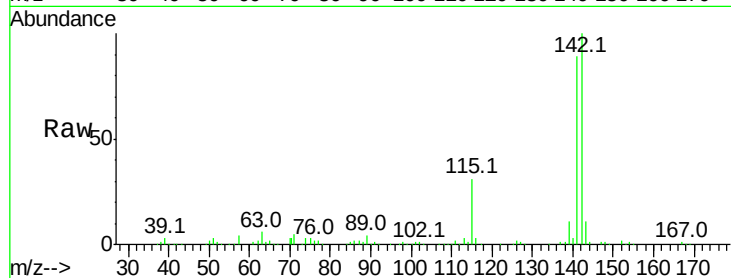




#37
2-Methylnaphthalene
Concen: 48.40 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

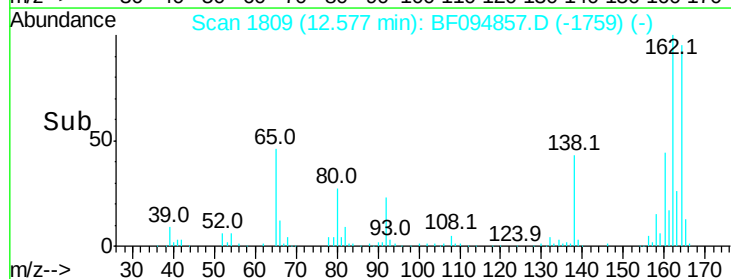
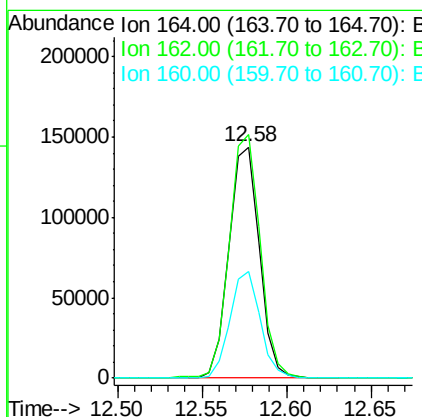
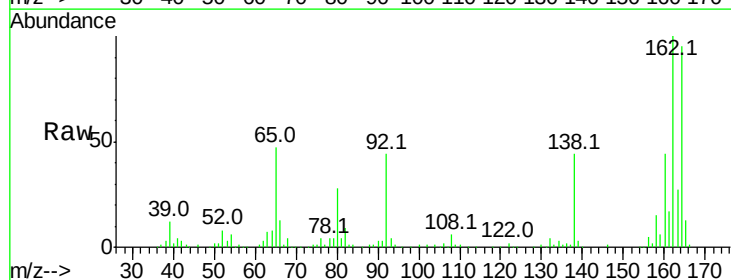
Instrument :
BNA_F
ClientSampleId :

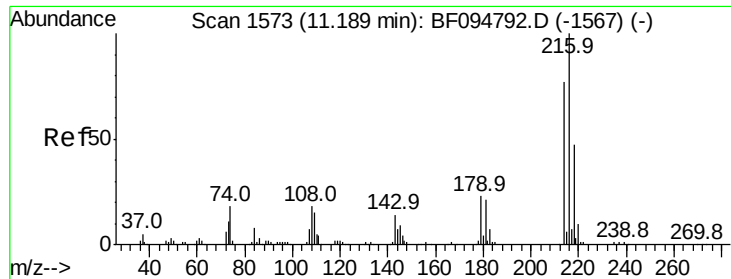
Tot Ion:142 Resp: 622130
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 31.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:164 Resp: 180131
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 45.9 36.2 54.2

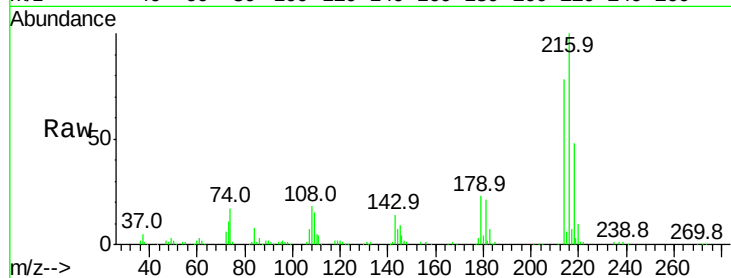




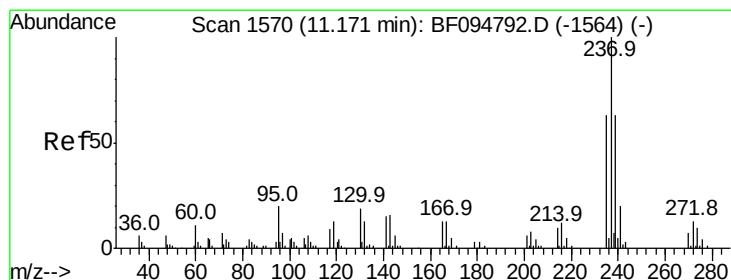
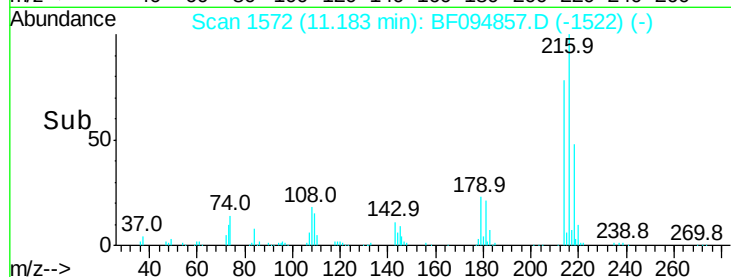
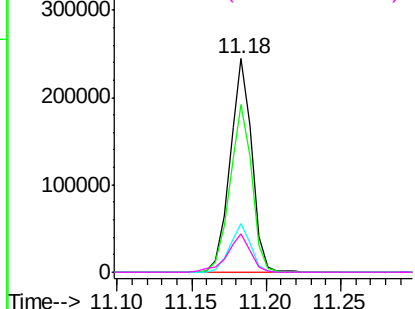
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.36 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	251247
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	22.1	17.9	26.9
108	18.9	16.5	24.7

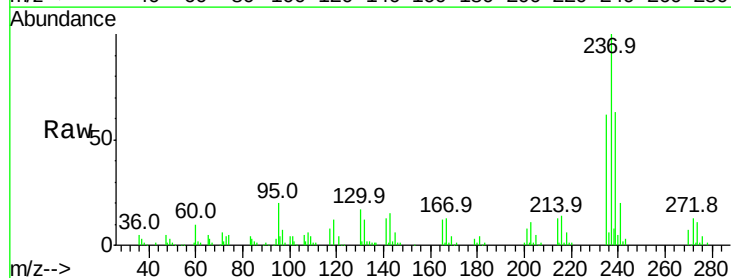


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

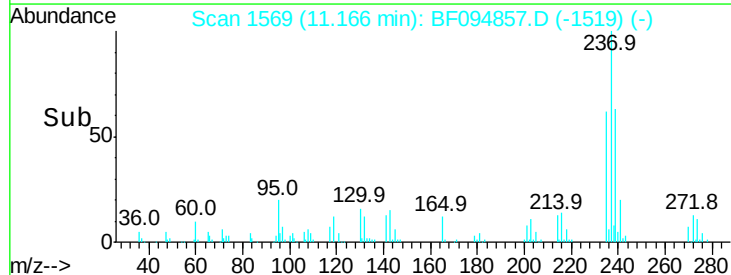
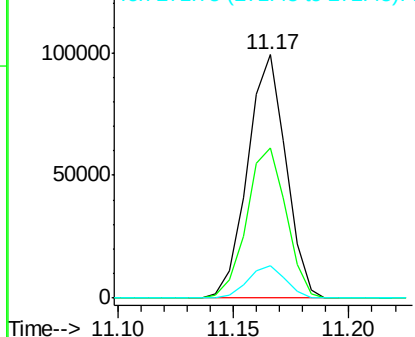


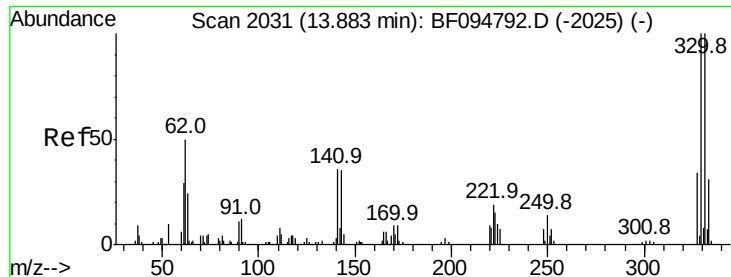
#40
 Hexachlorocyclopentadiene
 Concen: 51.64 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:	237	Resp:	114843
Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.6	82.6
272	13.1	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

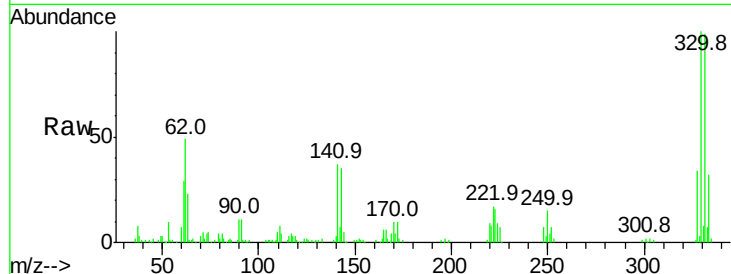




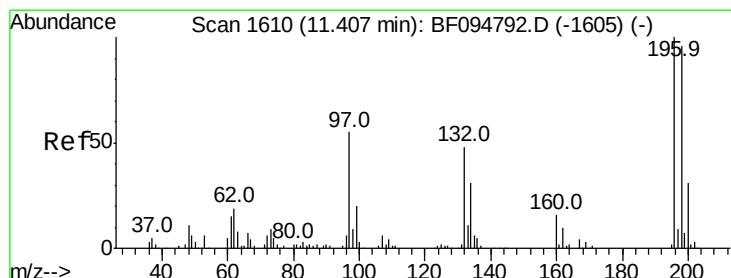
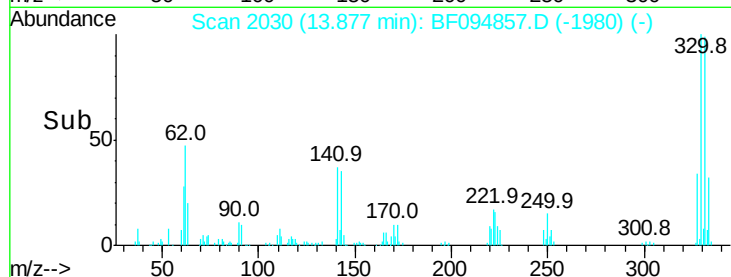
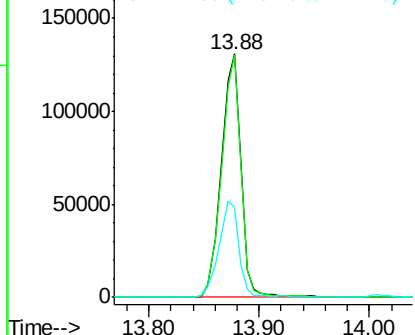
#41
 2,4,6-Tribromophenol
 Concen: 111.10 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 163891
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.6 31.4 47.2

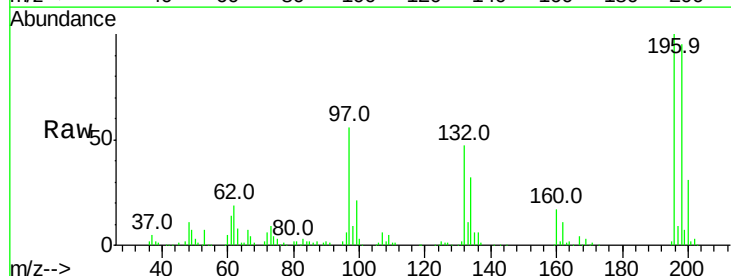


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

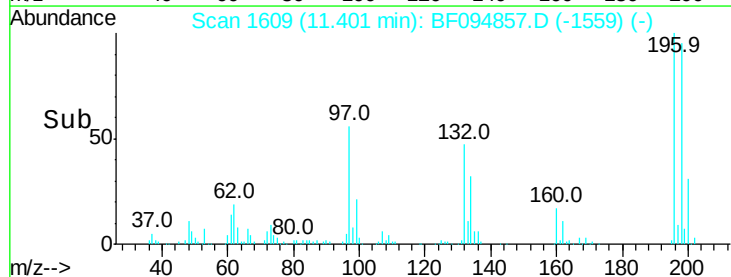
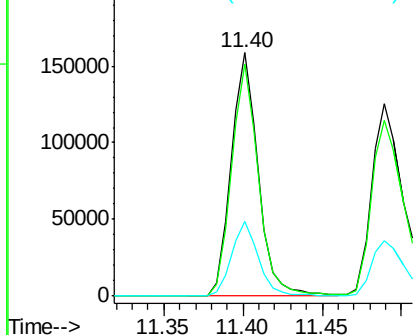


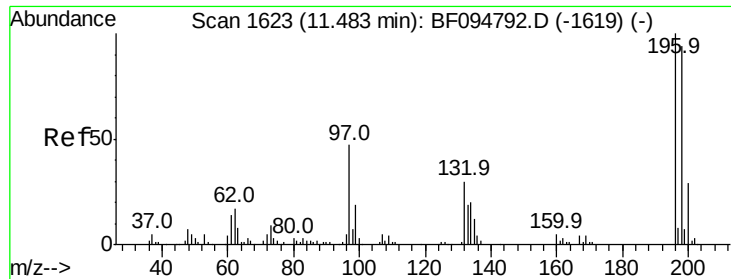
#42
 2,4,6-Trichlorophenol
 Concen: 50.67 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:196 Resp: 187411
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 30.7 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

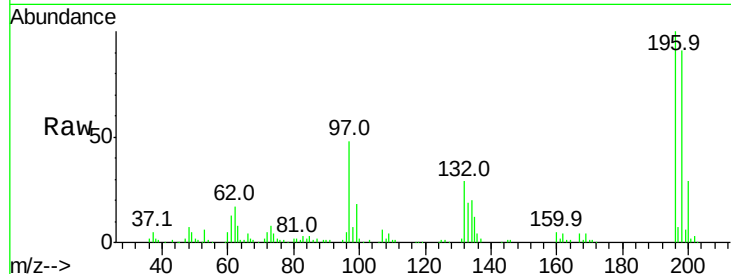




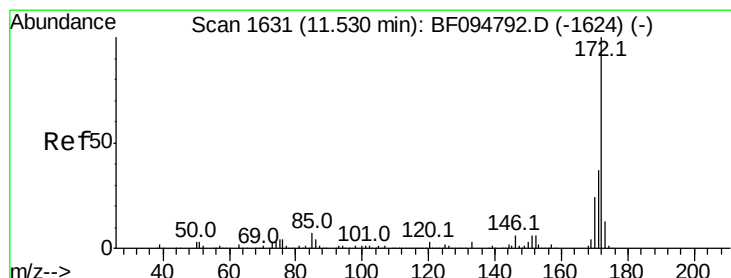
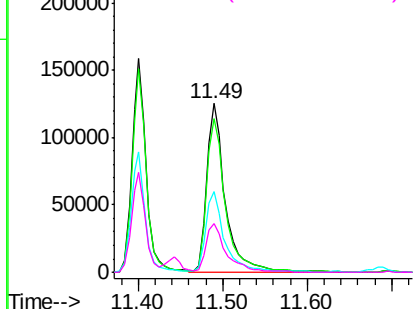
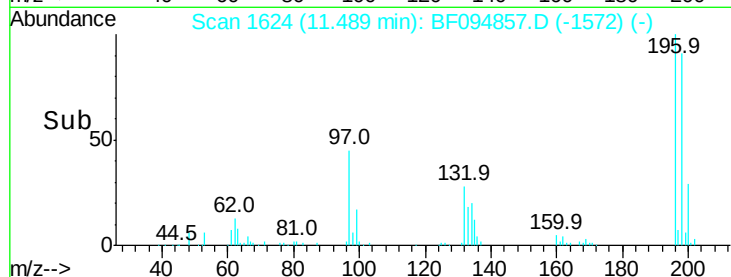
#43
 2,4,5-Trichlorophenol
 Concen: 48.82 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 194072
 Ion Ratio Lower Upper
 196 100
 198 91.1 75.7 113.5
 97 47.8 47.7 71.5
 132 28.8 28.0 42.0

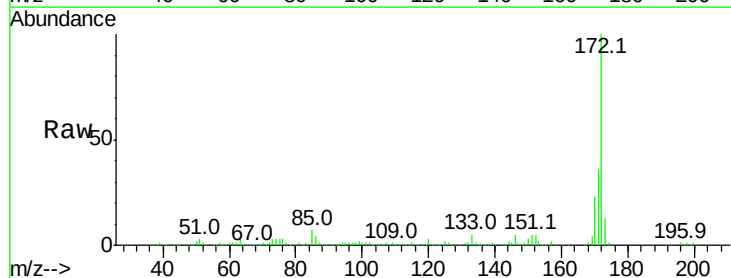


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

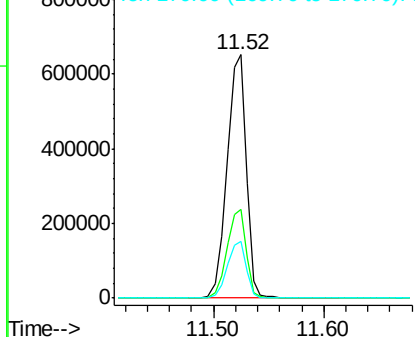
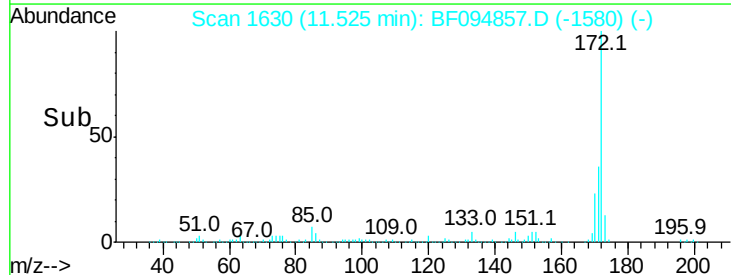


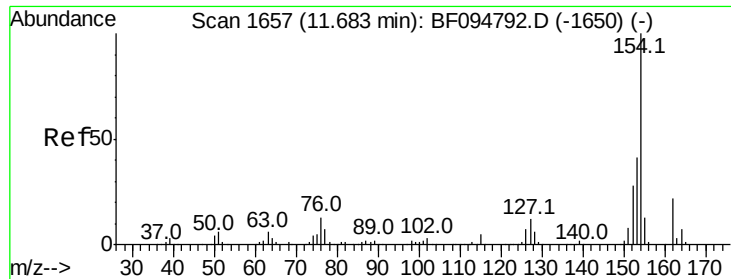
#44
 2-Fluorobiphenyl
 Concen: 63.64 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:172 Resp: 796414
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.4 19.8 29.8



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

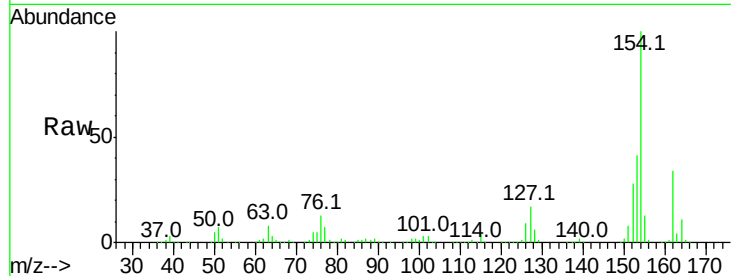




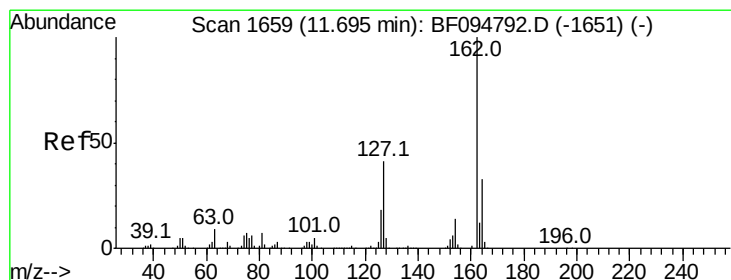
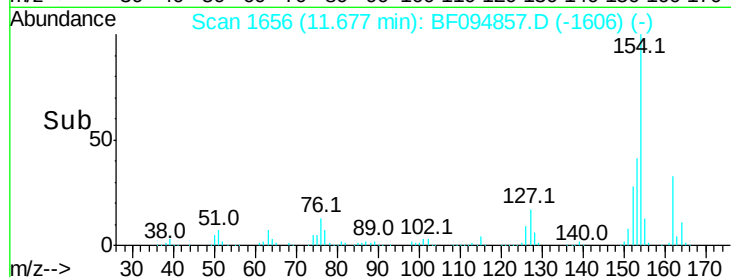
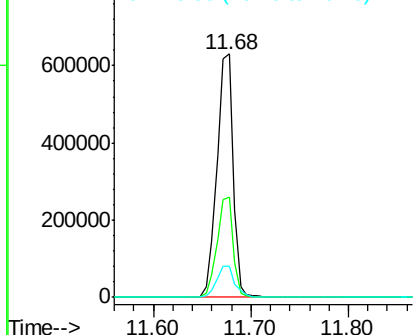
#45
 1,1'-Biphenyl
 Concen: 48.20 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 730953
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 12.8 0.0 29.9

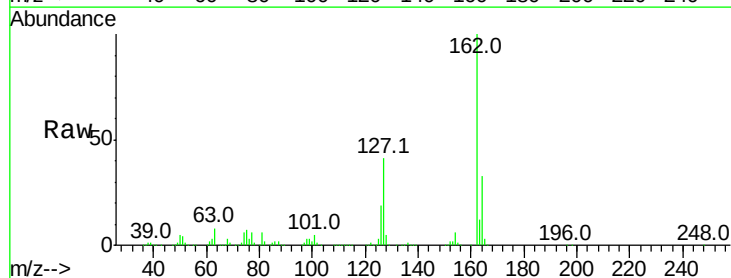


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

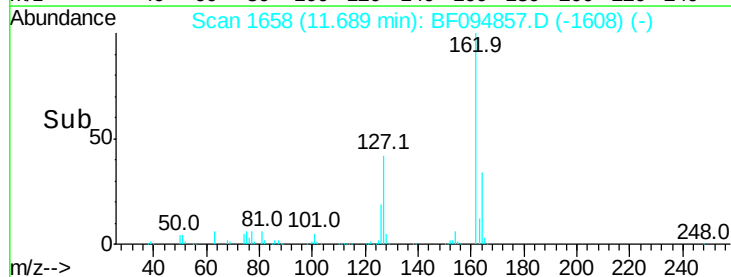
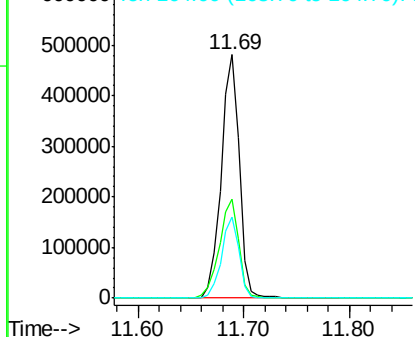


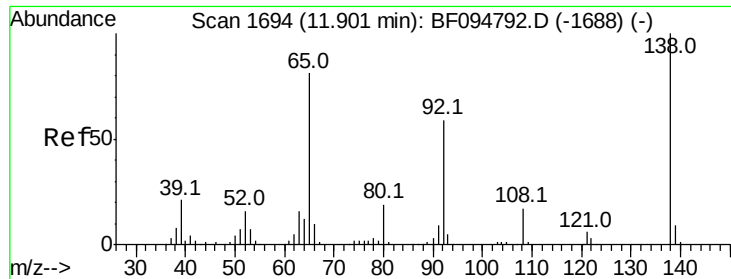
#46
 2-Chloronaphthalene
 Concen: 47.23 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:162 Resp: 578416
 Ion Ratio Lower Upper
 162 100
 127 40.6 28.3 42.5
 164 33.1 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

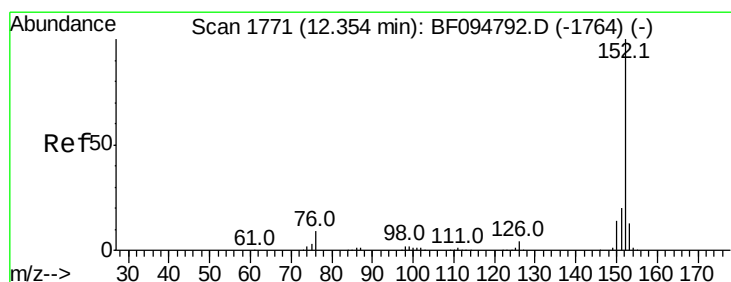
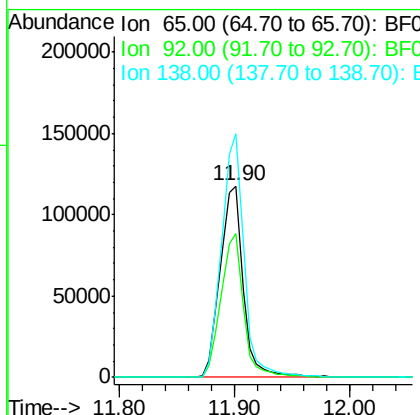
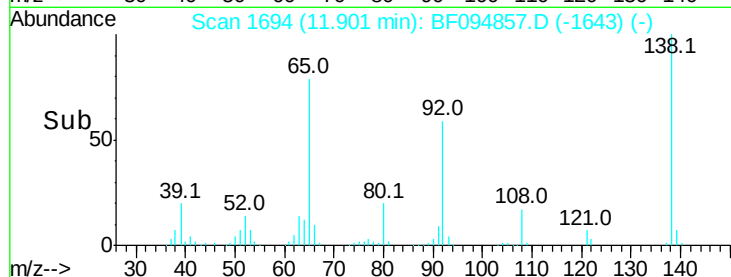
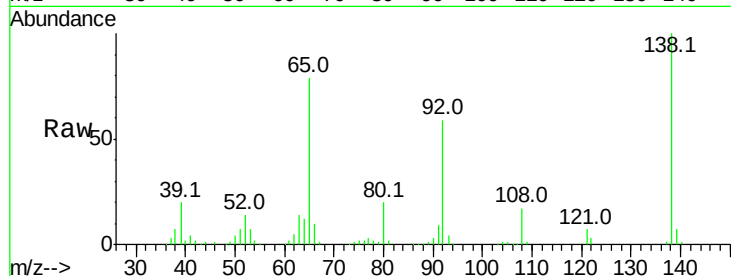




#47
 2-Nitroaniline
 Concen: 48.93 ng
 RT: 11.90 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

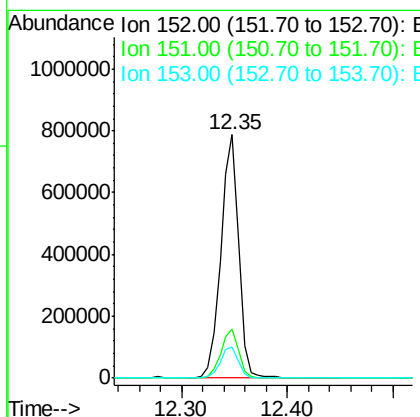
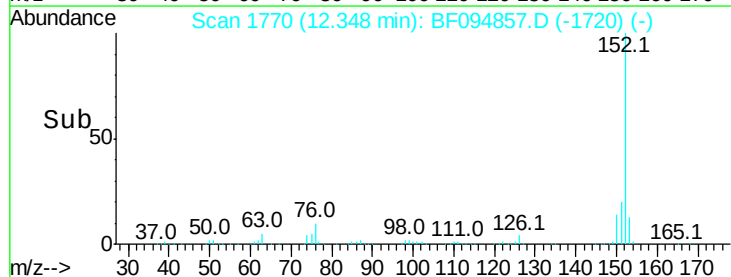
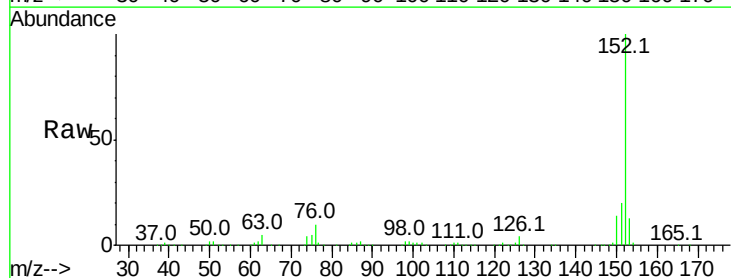
Instrument :
 BNA_F
 ClientSampleId :

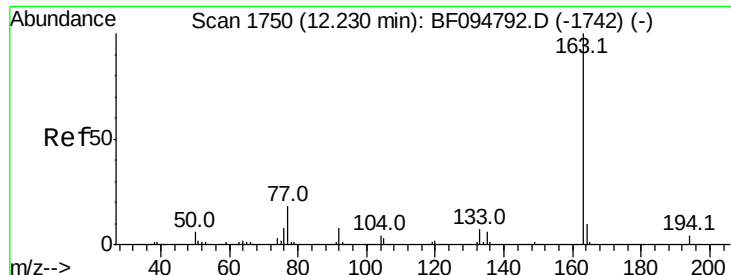
Tot Ion: 65 Resp: 163998
 Ion Ratio Lower Upper
 65 100
 92 75.3 53.9 80.9
 138 127.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 48.15 ng
 RT: 12.35 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:152 Resp: 923468
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 64.54 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

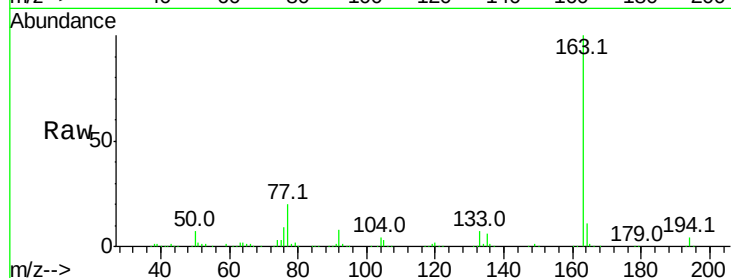
Tot Ion:163 Resp: 954363

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

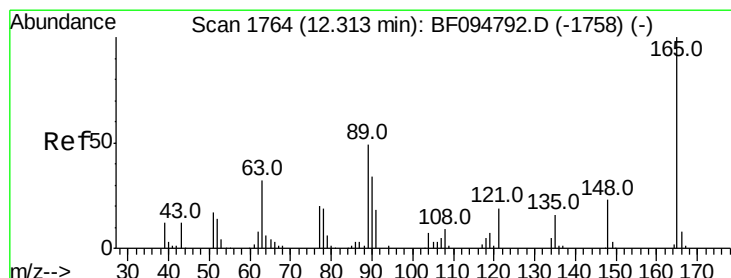
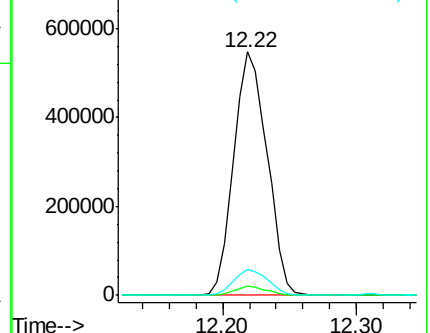
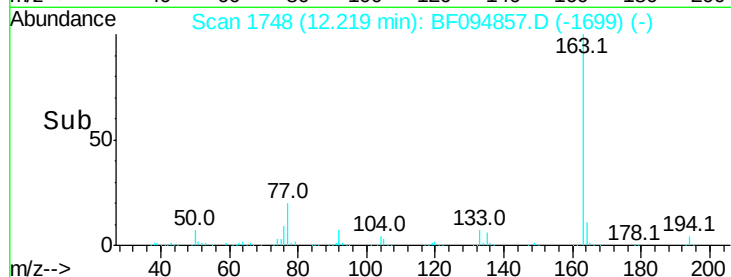
164 10.6 8.4 12.6



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: 51.39 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

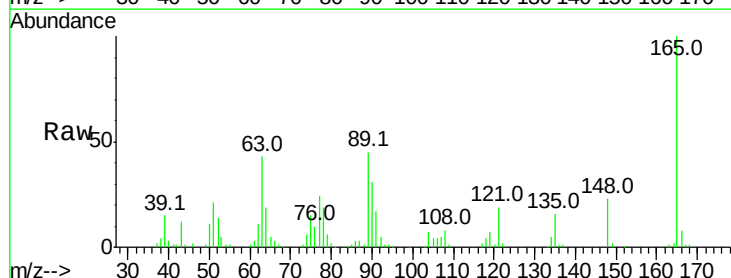
Tgt Ion:165 Resp: 155031

Ion Ratio Lower Upper

165 100

63 43.3 34.3 51.5

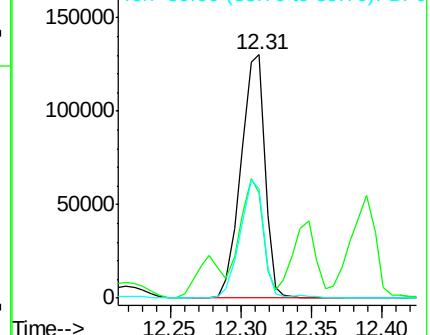
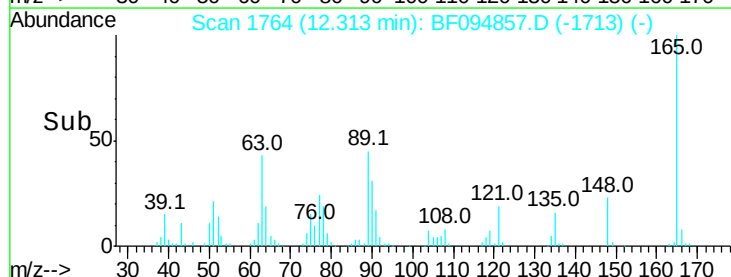
89 44.6 37.1 55.7

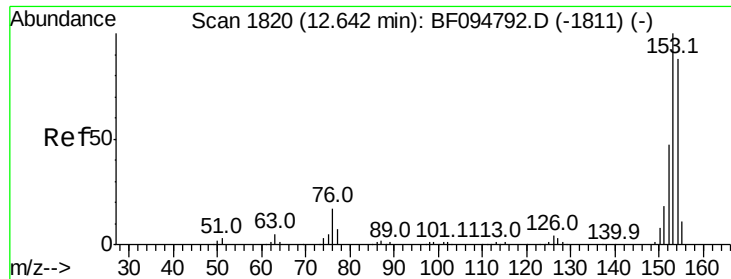


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.33 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

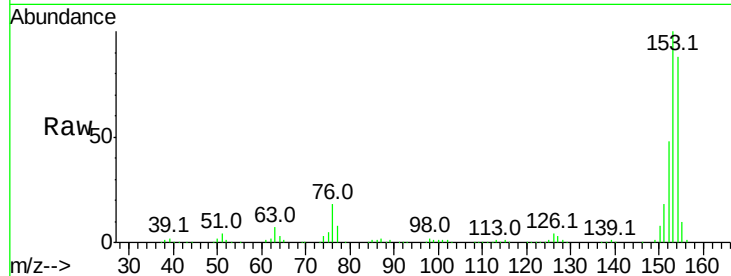
Tot Ion:154 Resp: 542198

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

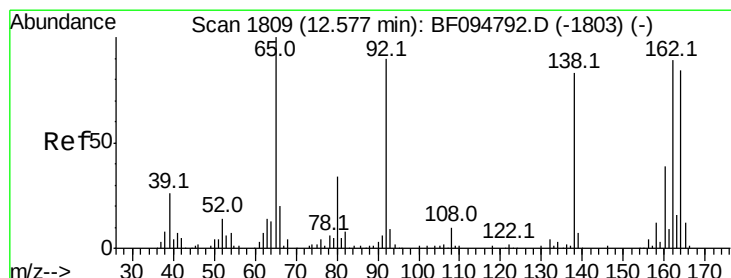
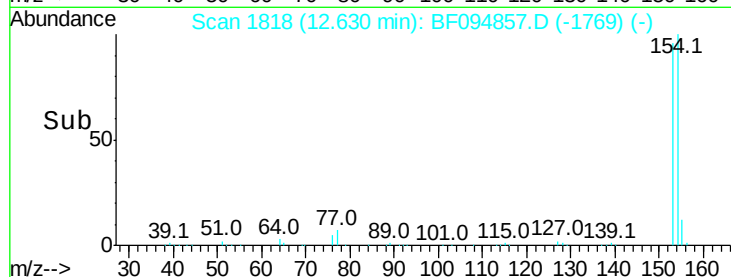
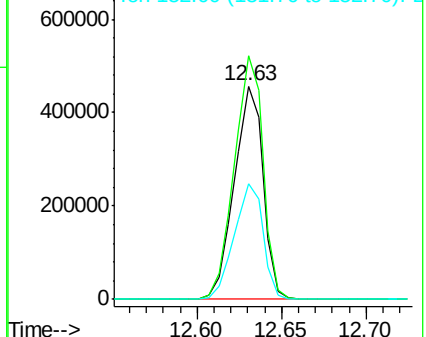
152 54.3 43.6 65.4



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: 27.97 ng

RT: 12.58 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

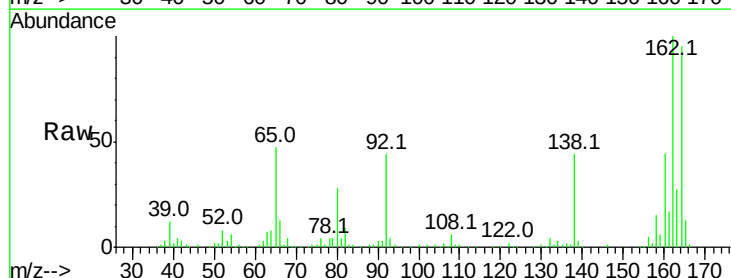
Tgt Ion:138 Resp: 90562

Ion Ratio Lower Upper

138 100

108 13.3 9.1 13.7

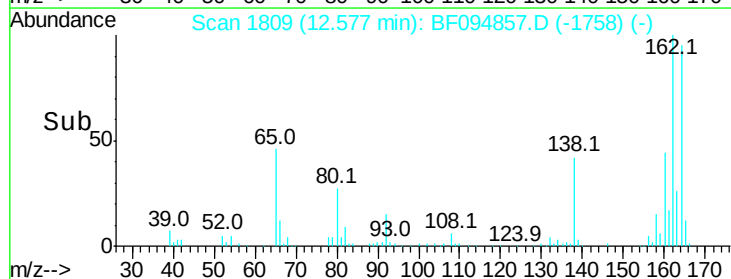
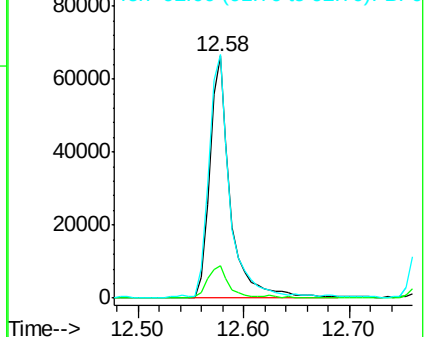
92 100.6 93.8 140.6

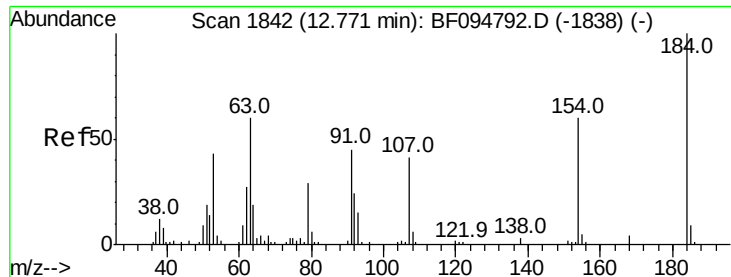


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

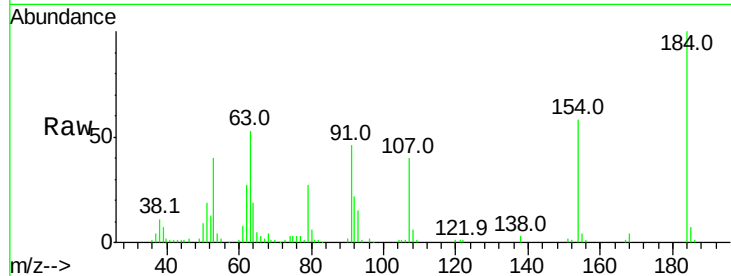




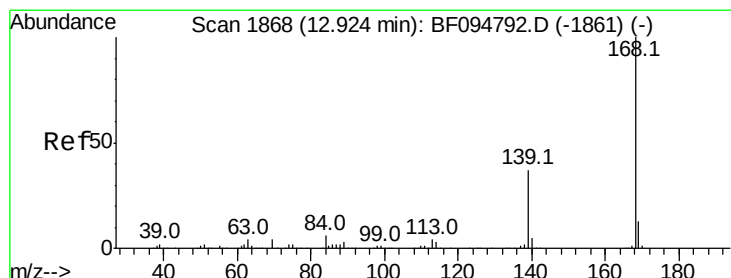
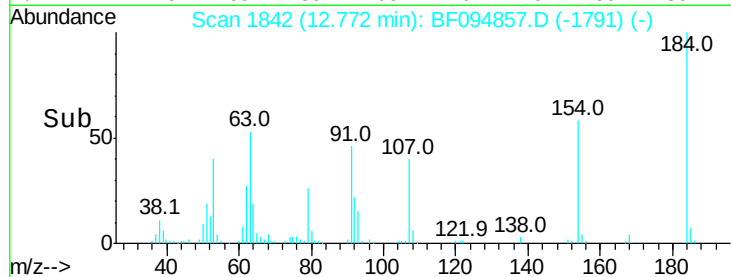
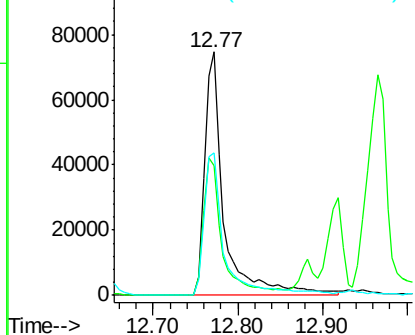
#53
 2,4-Dinitrophenol
 Concen: 71.86 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 118266
 Ion Ratio Lower Upper
 184 100
 63 53.5 62.7 94.1#
 154 58.3 81.1 121.7#

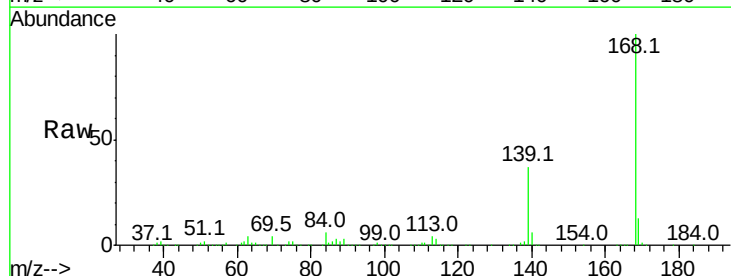


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

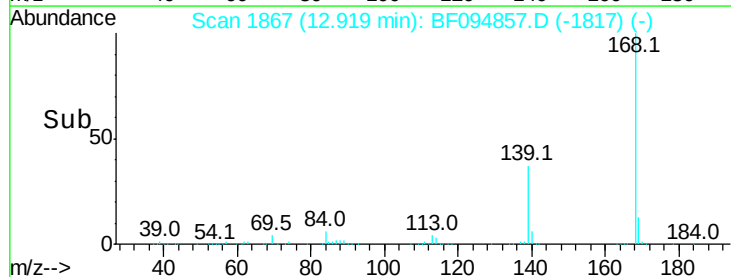
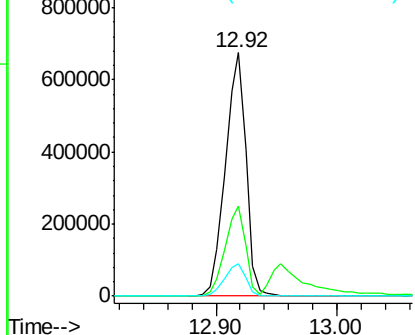


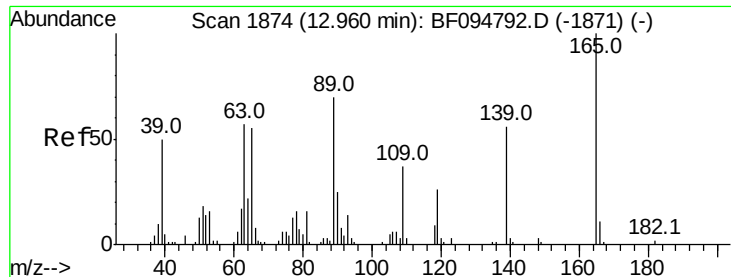
#54
 Dibenzofuran
 Concen: 50.27 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:168 Resp: 796925
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

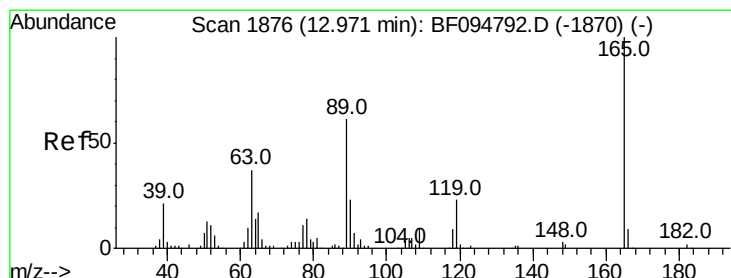
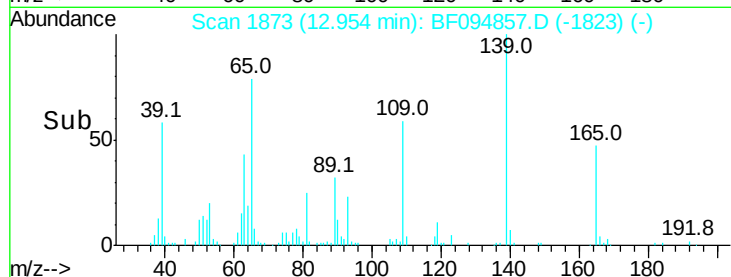
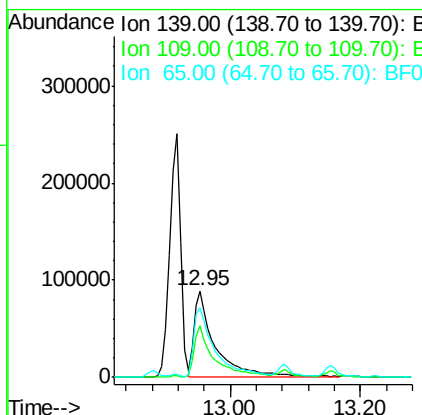
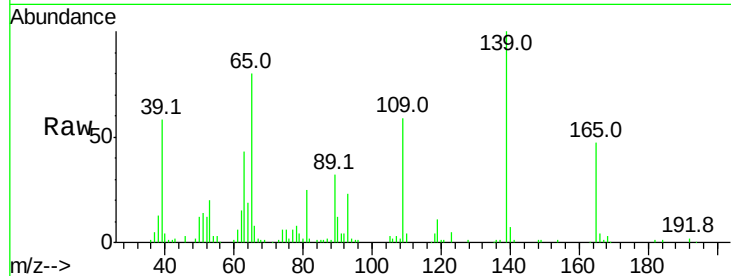




#55
4-Nitrophenol
Concen: 100.57 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

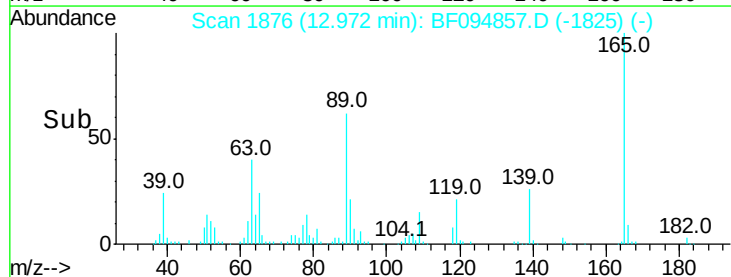
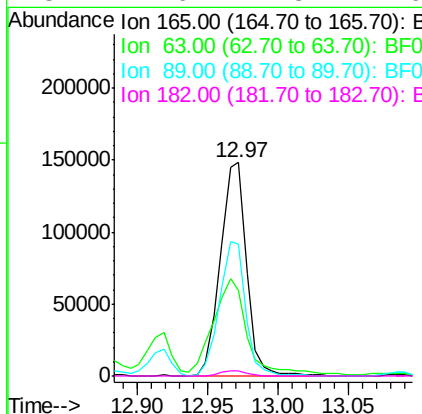
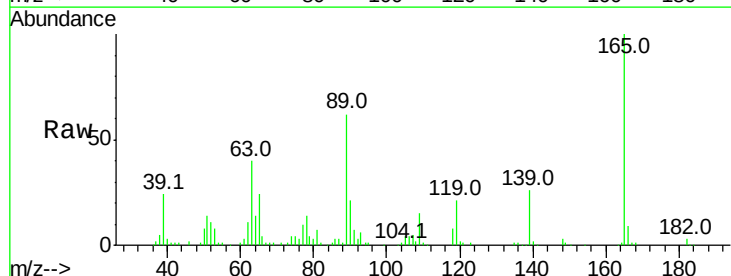
Instrument :
BNA_F
ClientSampleId :

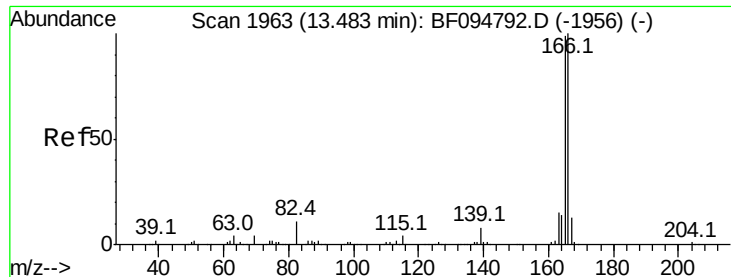
Tot Ion:139 Resp: 195600
Ion Ratio Lower Upper
139 100
109 59.5 34.1 74.1
65 80.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 49.36 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:165 Resp: 191332
Ion Ratio Lower Upper
165 100
63 40.5 25.4 38.0#
89 61.5 46.4 69.6
182 2.6 1.8 2.6

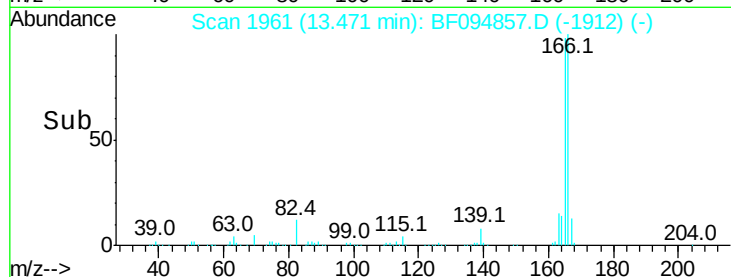
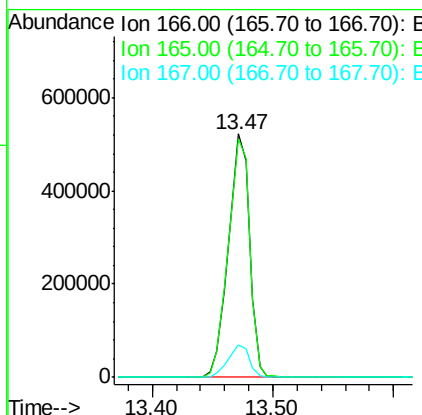
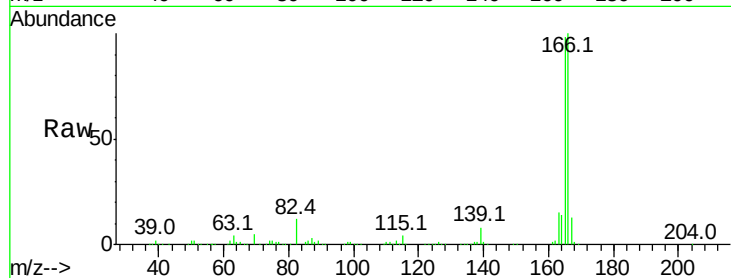




#57
 Fluorene
 Concen: 46.35 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

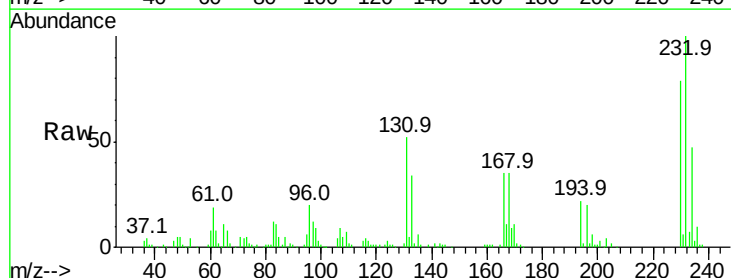
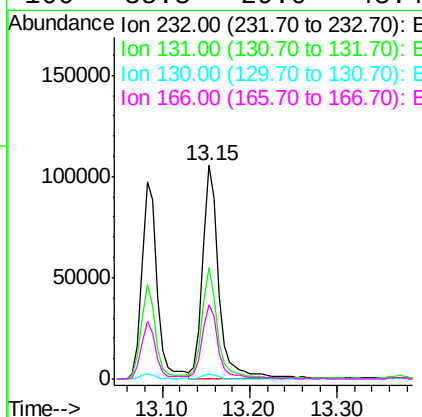
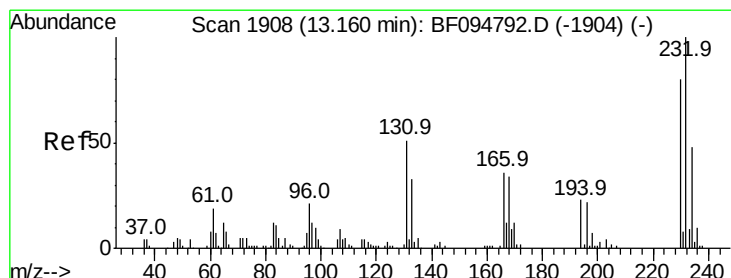
Instrument :
 BNA_F
 ClientSampleId :

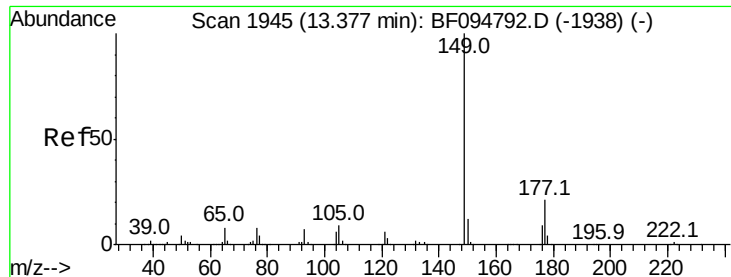
Tot Ion:166 Resp: 638956
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.52 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:232 Resp: 136411
 Ion Ratio Lower Upper
 232 100
 131 51.5 44.8 67.2
 130 2.2 2.3 3.5#
 166 35.3 29.0 43.4

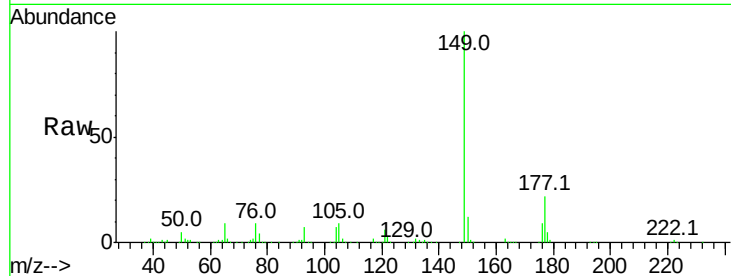




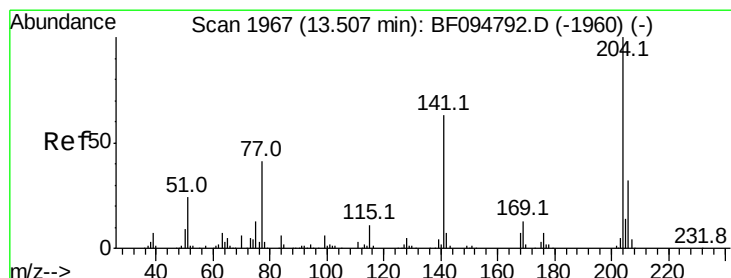
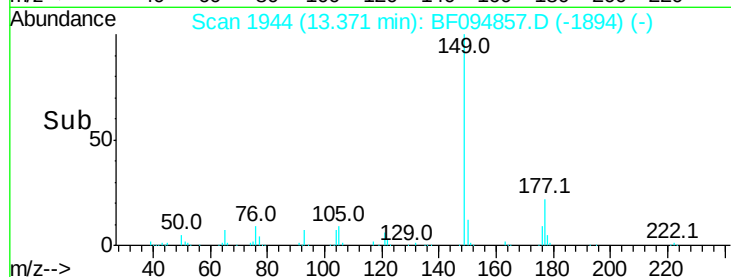
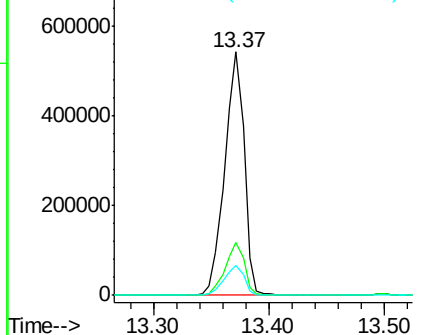
#59
Diethylphthalate
Concen: 44.78 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 634744
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.3 10.2 15.2

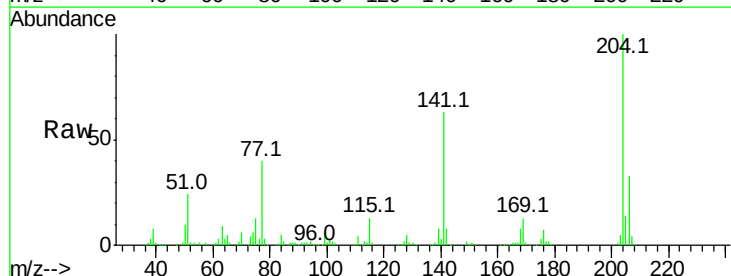


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

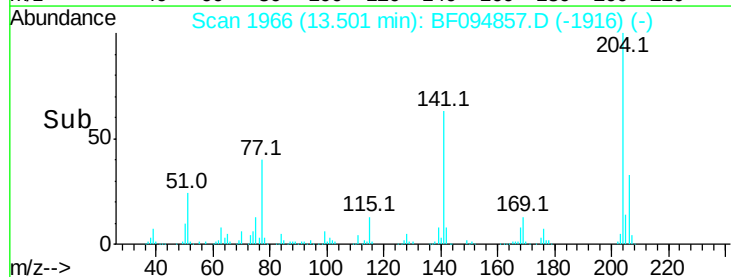
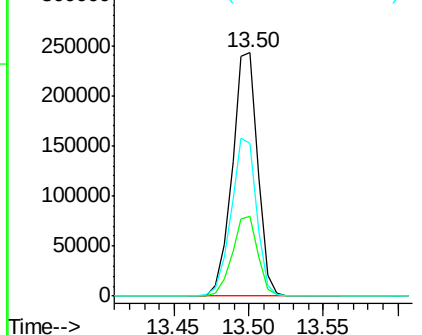


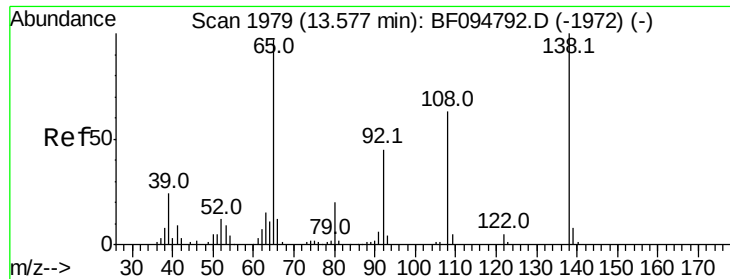
#60
4-Chlorophenyl-phenylether
Concen: 48.02 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:204 Resp: 290954
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 62.6 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

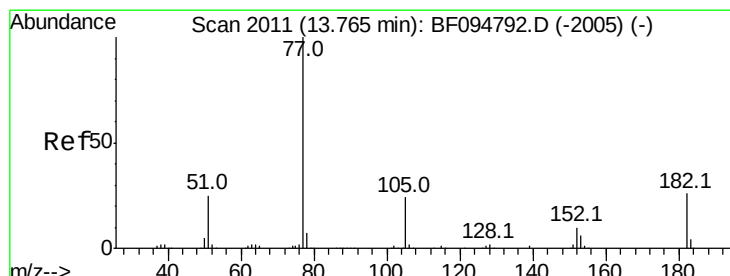
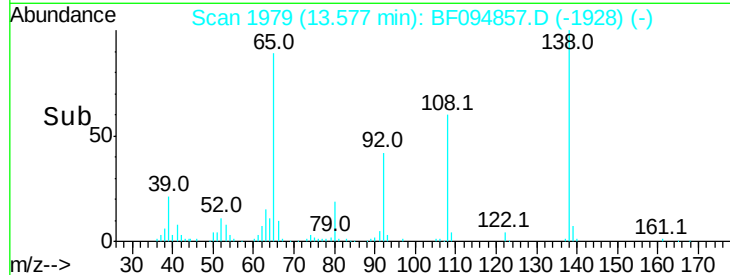
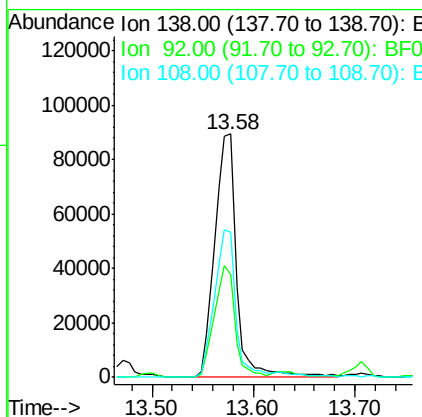
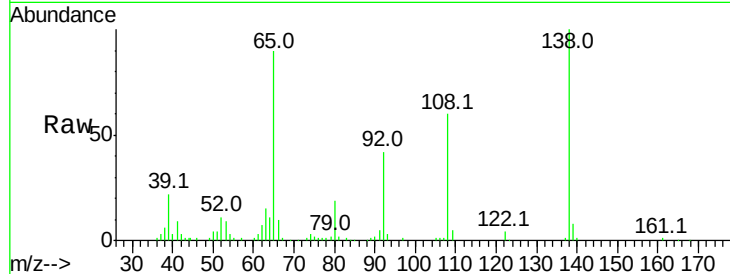




#61
 4-Nitroaniline
 Concen: 45.21 ng
 RT: 13.58 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

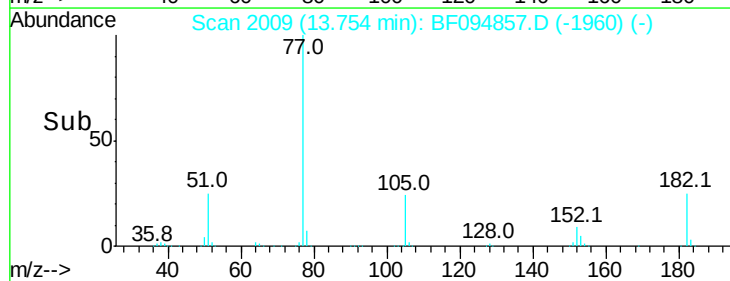
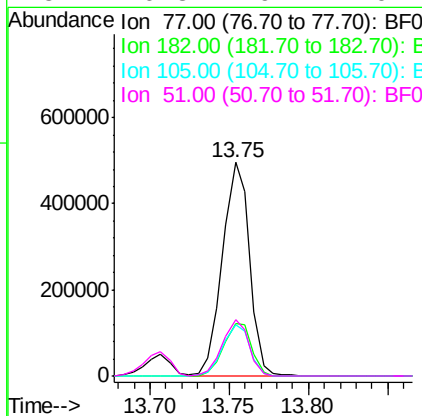
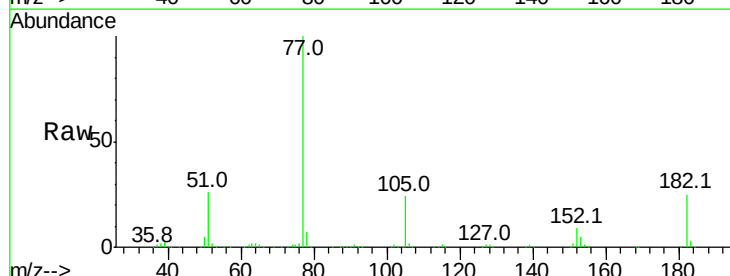
Instrument :
 BNA_F
 ClientSampleID :

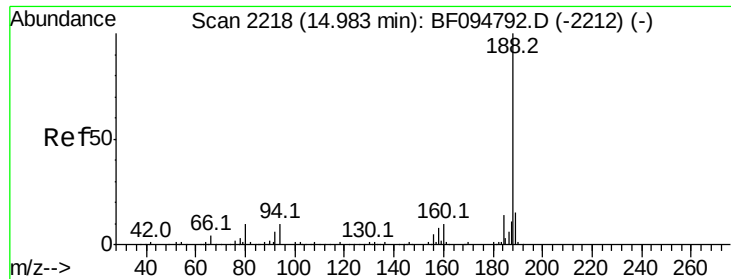
Tot Ion:138 Resp: 134389
 Ion Ratio Lower Upper
 138 100
 92 42.4 21.8 61.8
 108 59.6 42.3 82.3



#62
 Azobenzene
 Concen: 51.43 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion: 77 Resp: 585720
 Ion Ratio Lower Upper
 77 100
 182 24.9 0.1 40.1
 105 24.0 3.6 43.6
 51 26.3 9.4 49.4

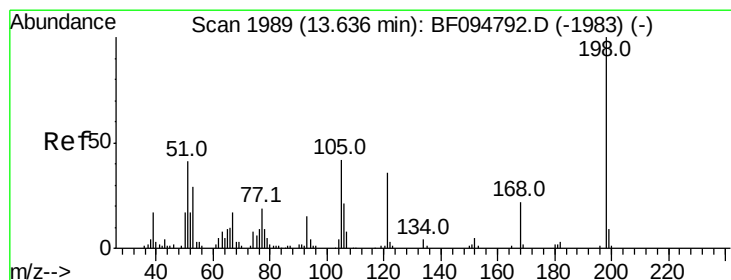
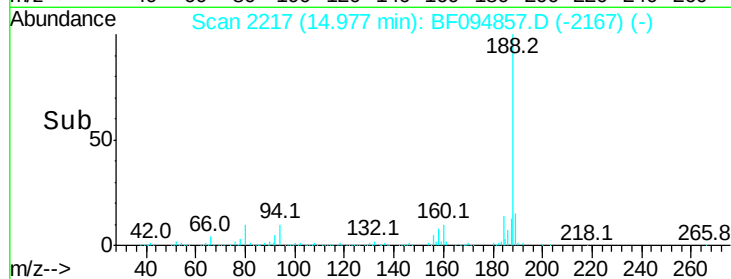
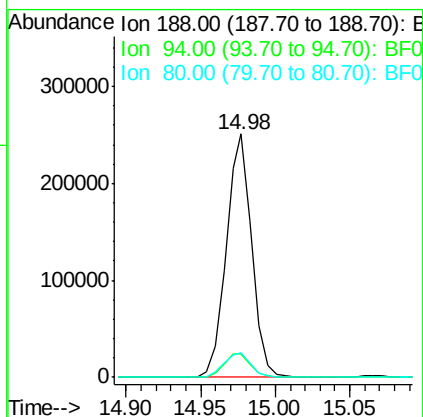
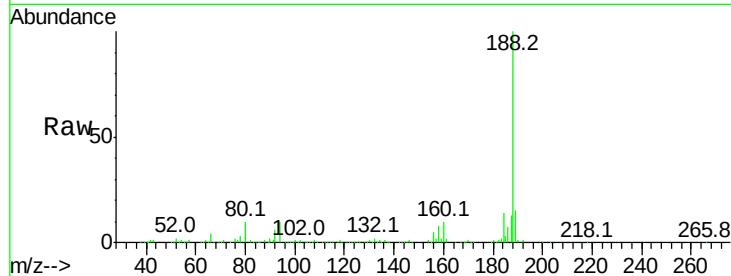




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

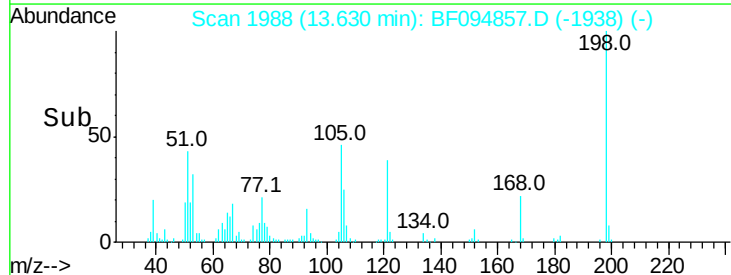
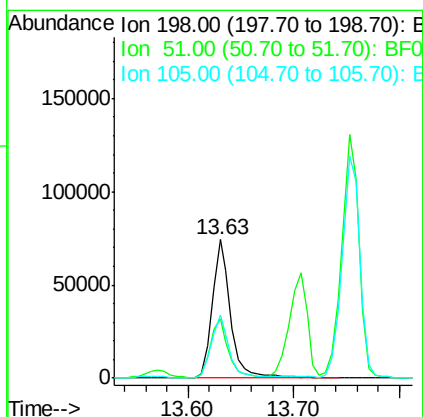
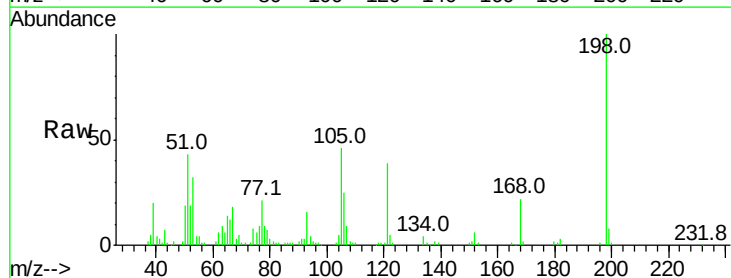
Instrument :
BNA_F
ClientSampleId :

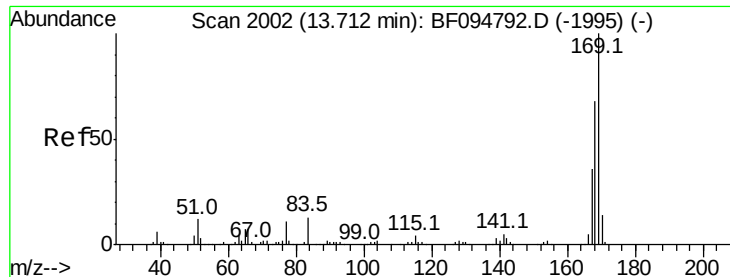
Tot Ion:188 Resp: 299840
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.0 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.16 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:198 Resp: 90770
Ion Ratio Lower Upper
198 100
51 43.0 53.2 93.2#
105 45.7 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 50.04 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

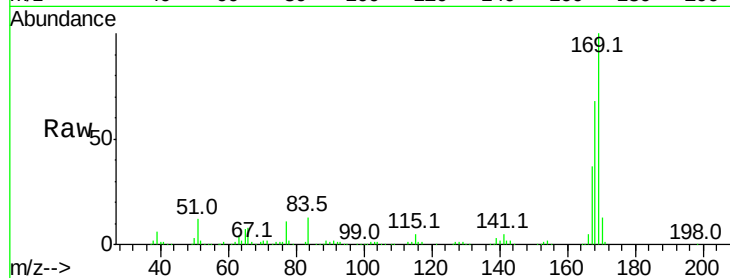
Tot Ion:169 Resp: 544537

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

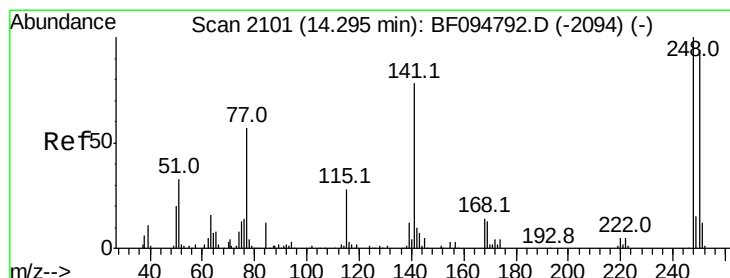
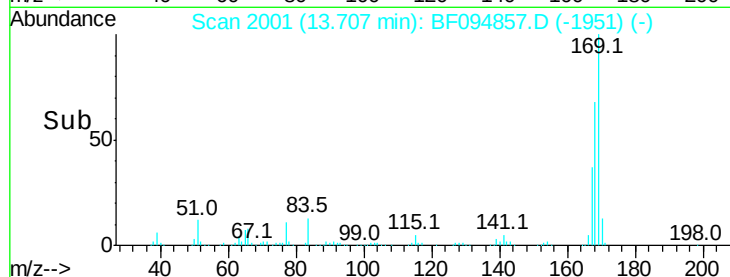
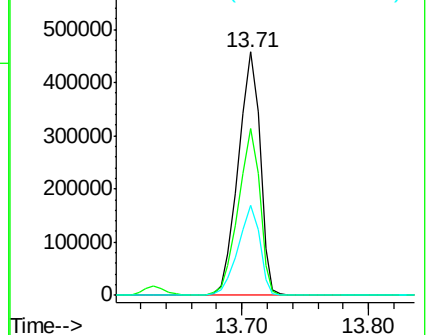
167 37.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.50 ng

RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

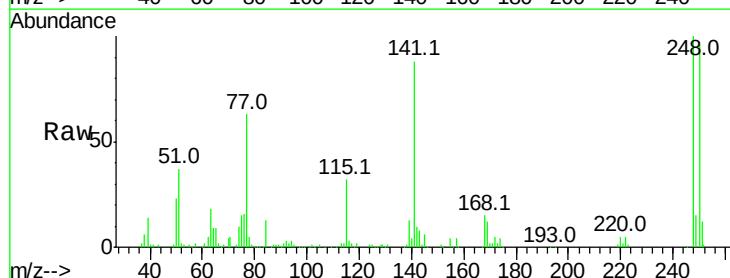
Tgt Ion:248 Resp: 156818

Ion Ratio Lower Upper

248 100

250 96.1 76.8 115.2

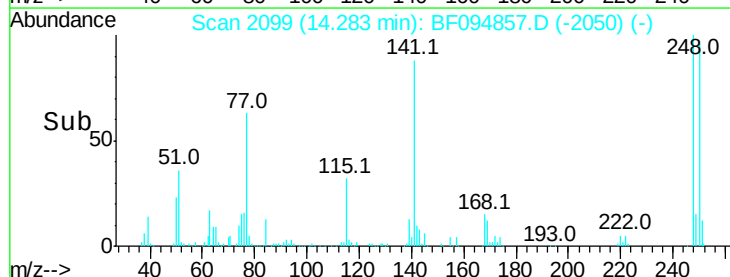
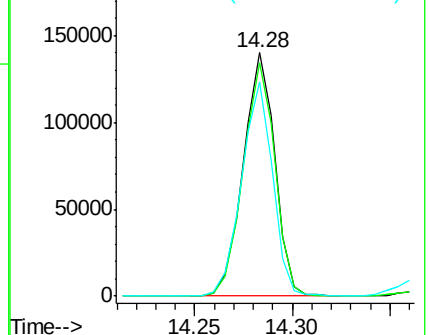
141 87.8 68.6 103.0

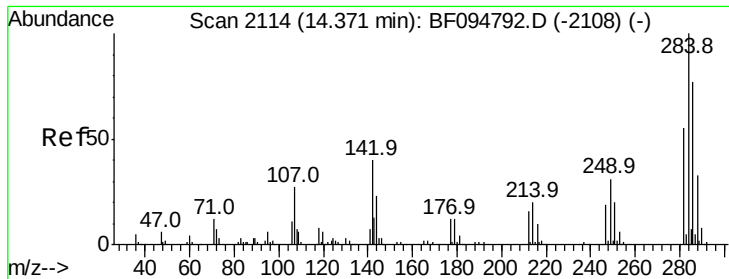


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.05 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

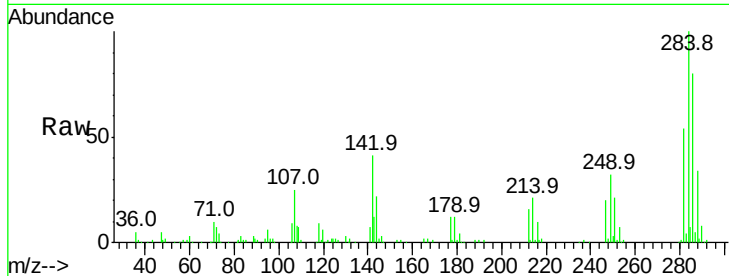
Tot Ion:284 Resp: 155982

Ion Ratio Lower Upper

284 100

142 40.7 22.8 34.2#

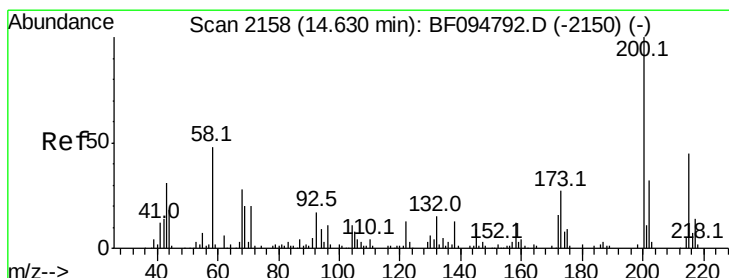
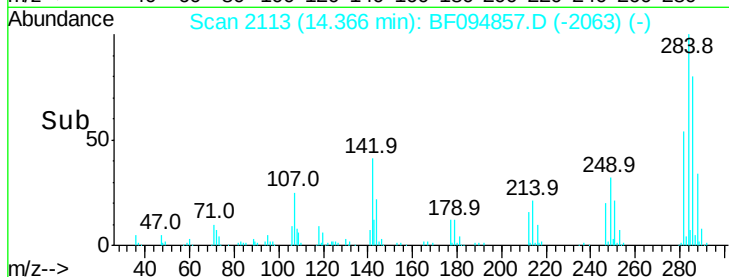
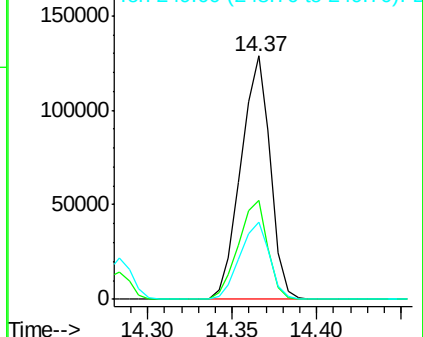
249 31.9 24.0 36.0



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: 50.40 ng

RT: 14.62 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

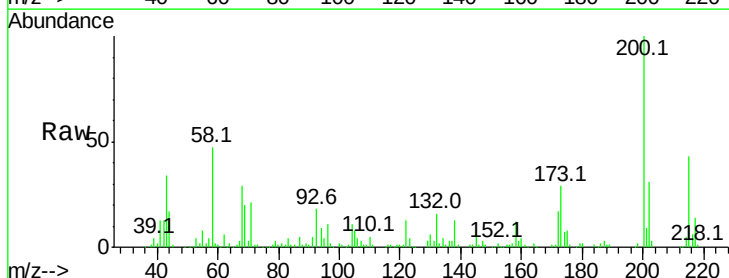
Tgt Ion:200 Resp: 154852

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

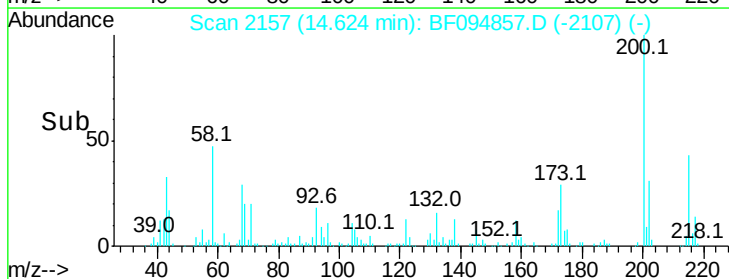
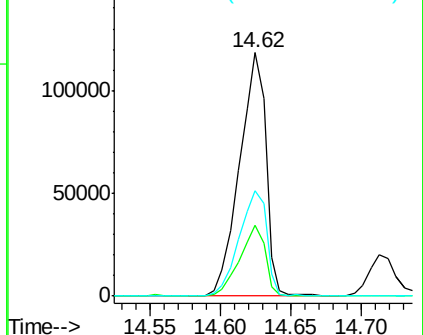
215 43.4 27.2 67.2

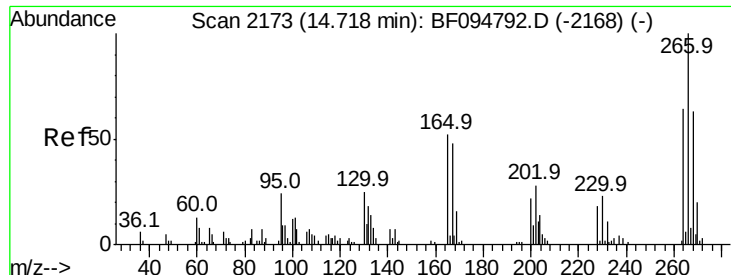


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

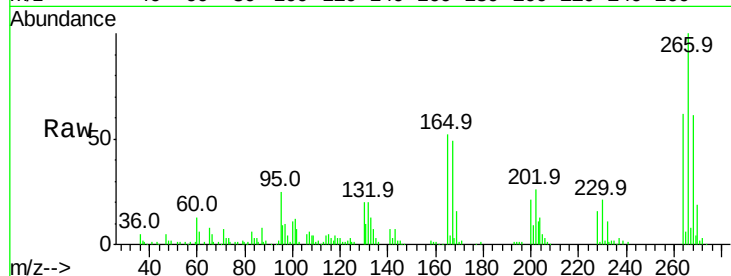




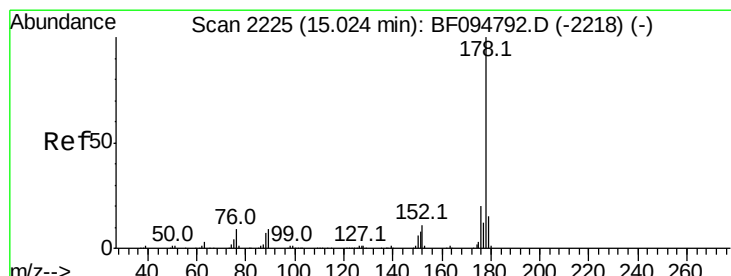
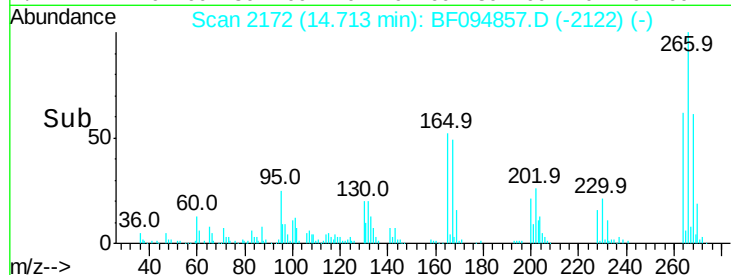
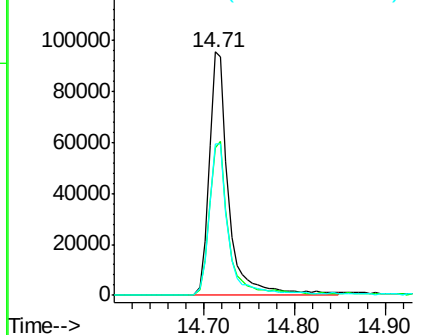
#69
 Pentachlorophenol
 Concen: 96.98 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 144333
 Ion Ratio Lower Upper
 266 100
 268 60.7 51.1 76.7
 264 62.1 51.7 77.5

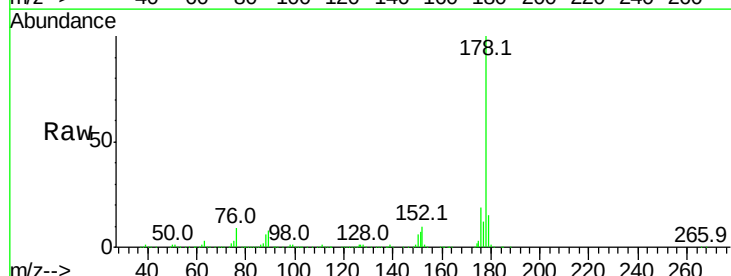


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

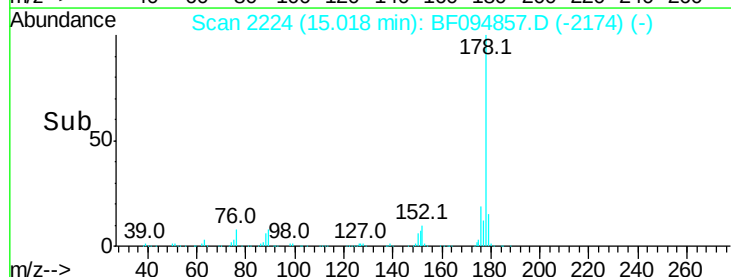
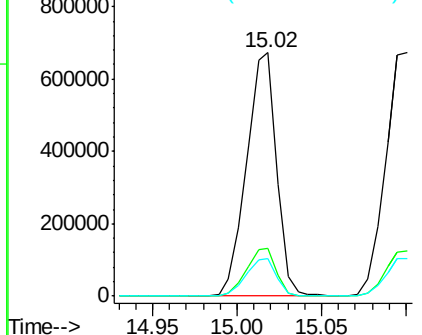


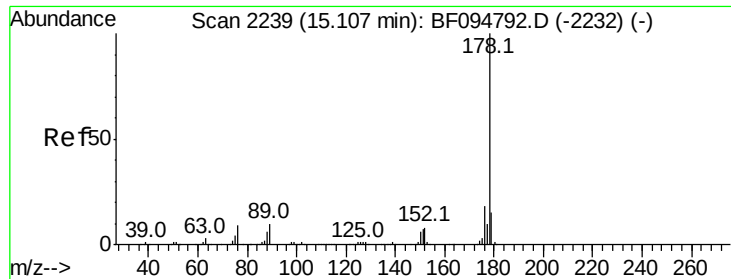
#70
 Phenanthrene
 Concen: 48.50 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:178 Resp: 835497
 Ion Ratio Lower Upper
 178 100
 176 19.5 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

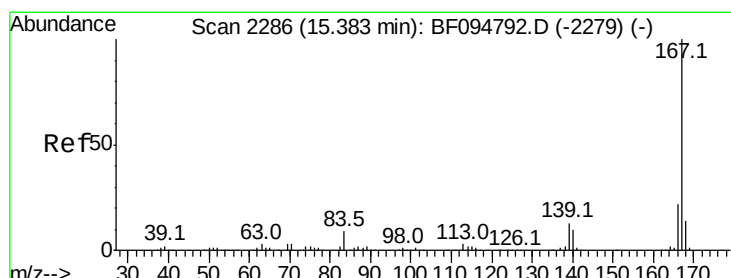
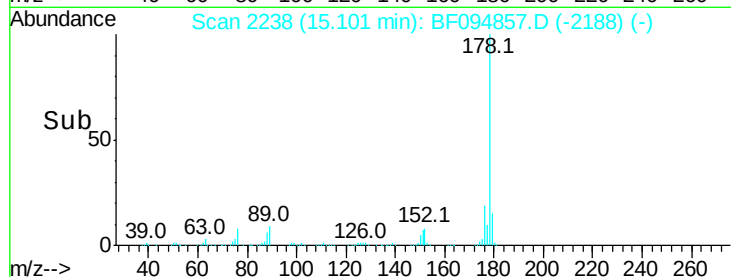
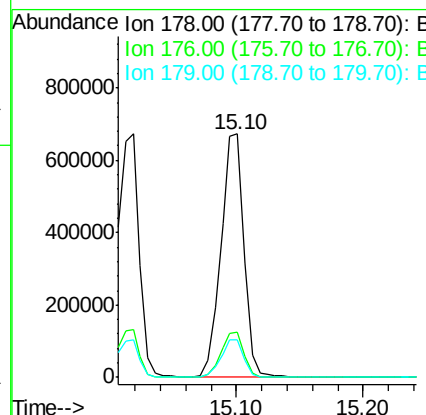
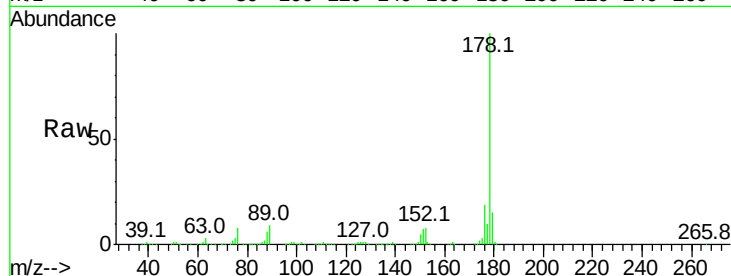




#71
 Anthracene
 Concen: 48.40 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

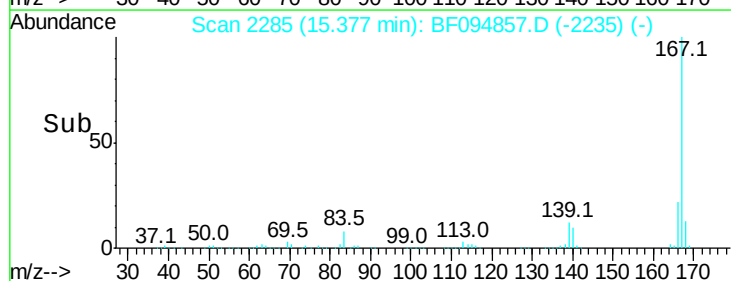
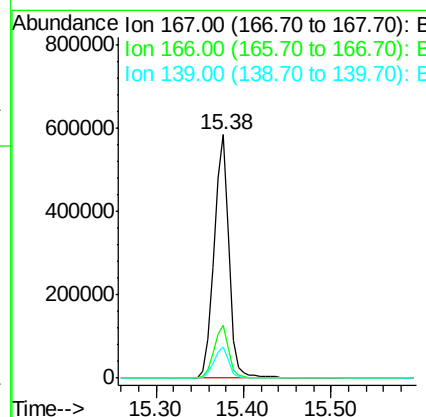
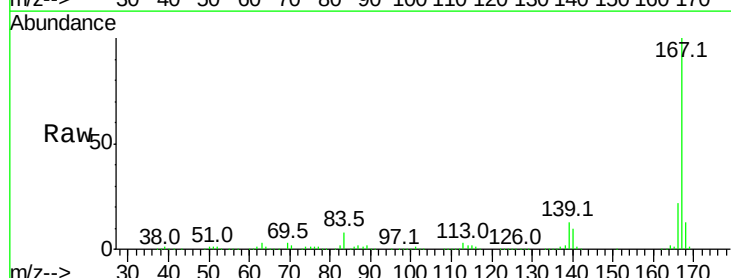
Instrument :
 BNA_F
 ClientSampleId :

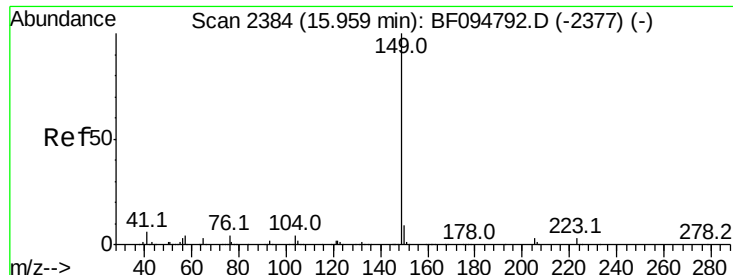
Tot Ion:178 Resp: 851690
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 43.19 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:167 Resp: 691623
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.9 11.7 17.5

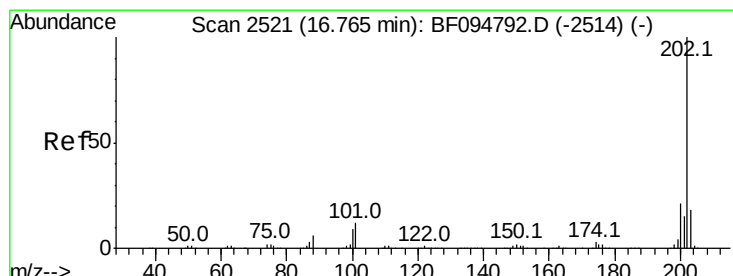
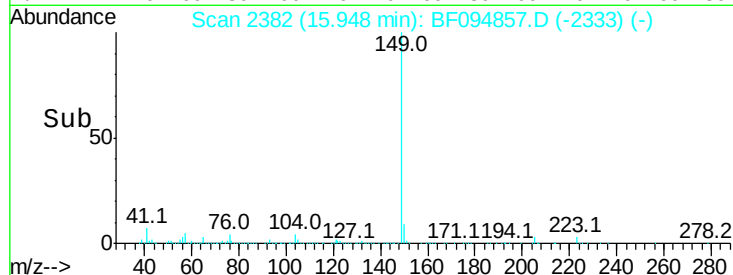
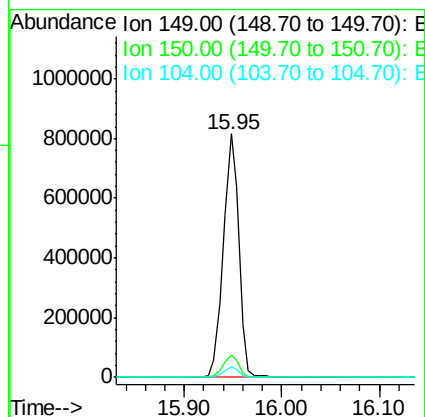
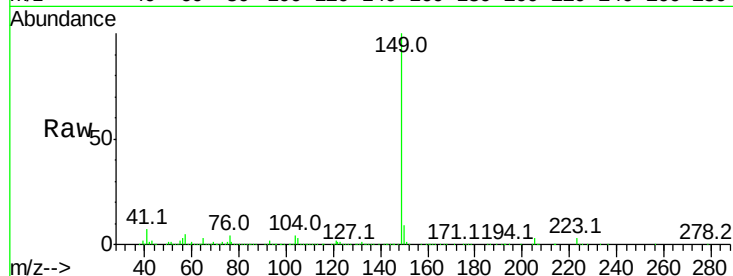




#73
Di-n-butylphthalate
Concen: 44.99 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

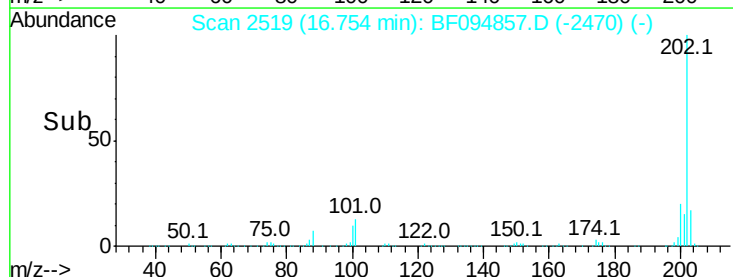
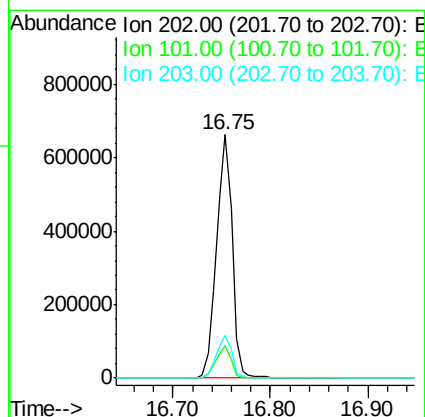
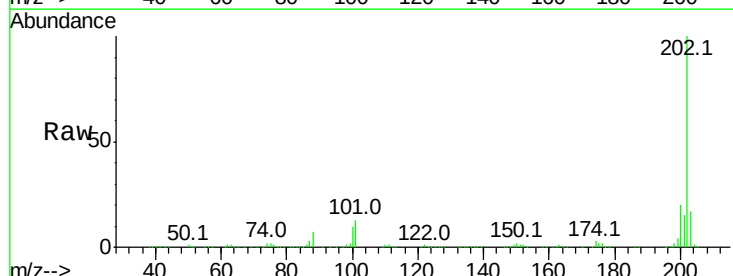
Instrument :
BNA_F
ClientSampleId :

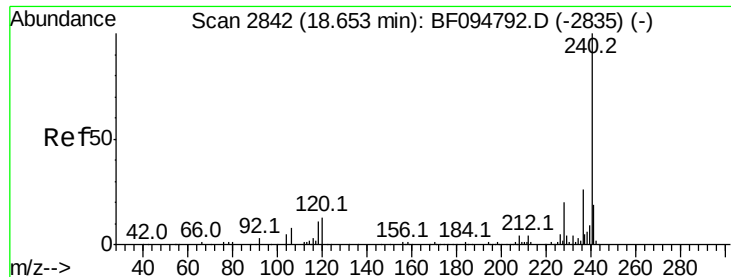
Tot Ion:149 Resp: 898402
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 41.93 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:202 Resp: 740965
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

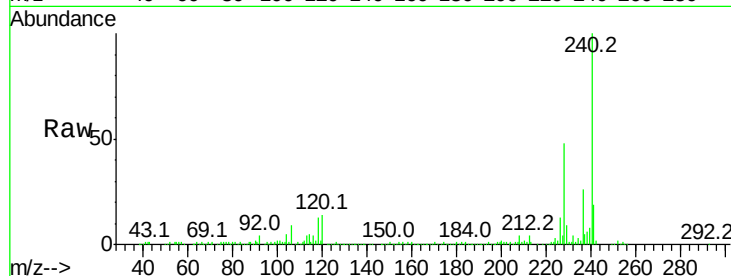
Tot Ion:240 Resp: 192599

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

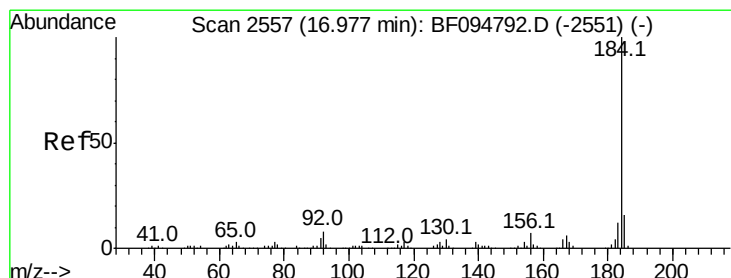
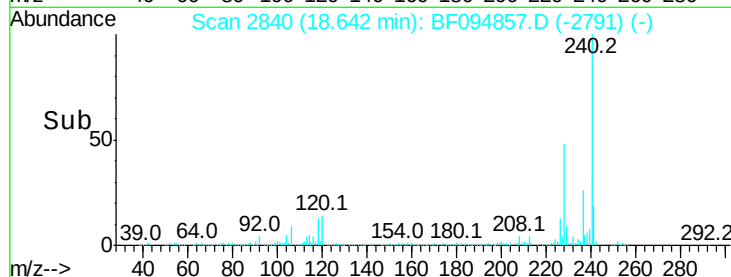
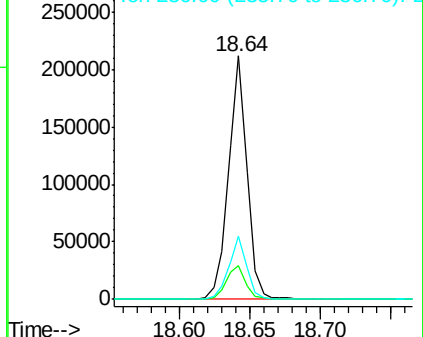
236 25.8 20.5 30.7



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: 26.26 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

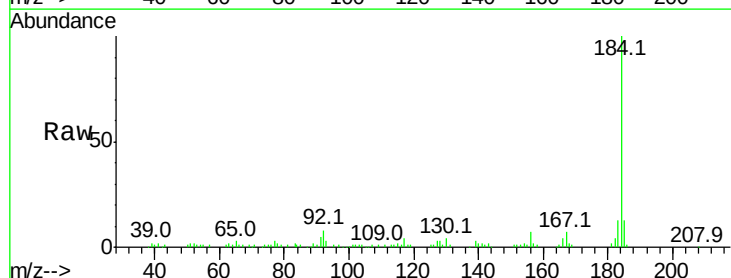
Tgt Ion:184 Resp: 118748

Ion Ratio Lower Upper

184 100

185 13.0 15.5 23.3#

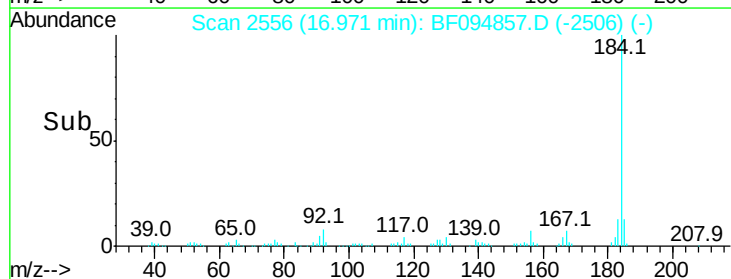
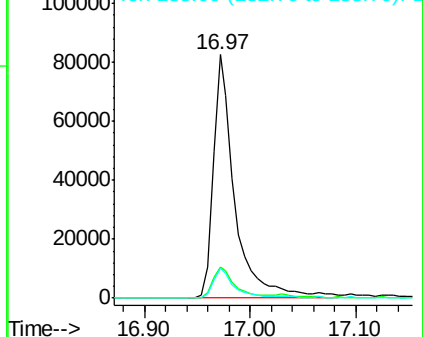
183 12.5 9.8 14.6

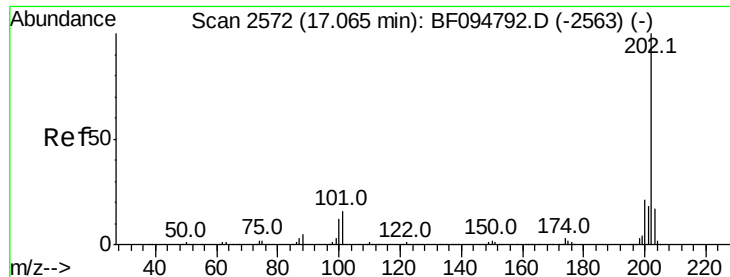


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.56 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

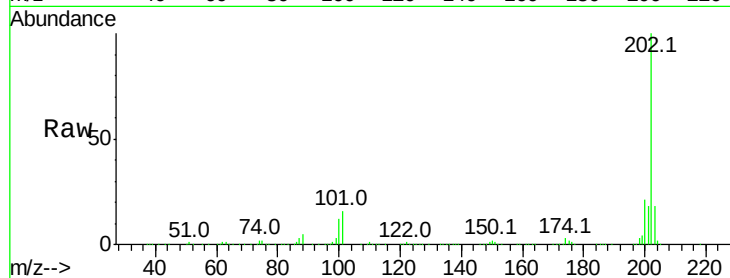
Tot Ion:202 Resp: 728274

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

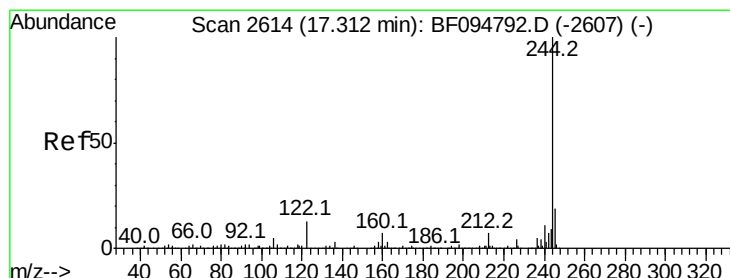
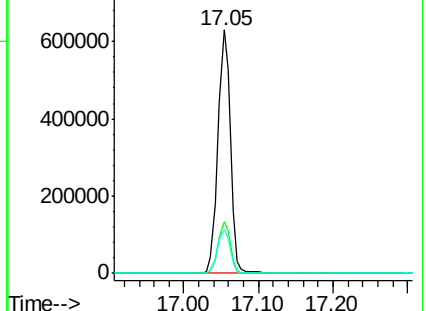
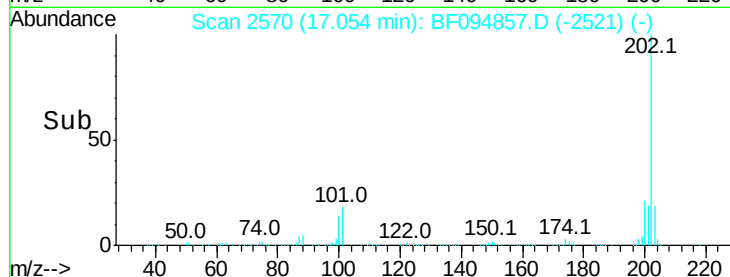
203 18.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 51.40 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

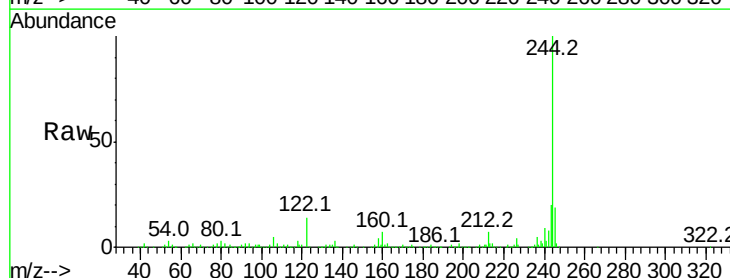
Tgt Ion:244 Resp: 449447

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

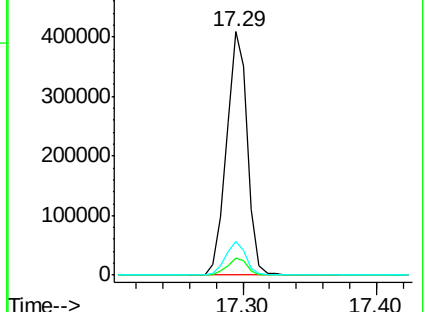
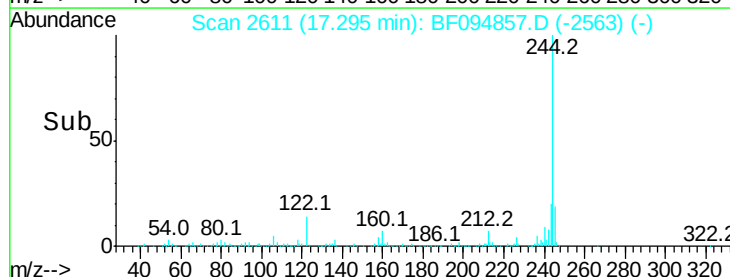
122 14.0 10.3 15.5

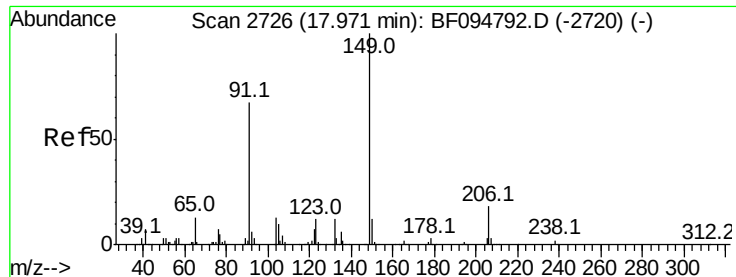


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

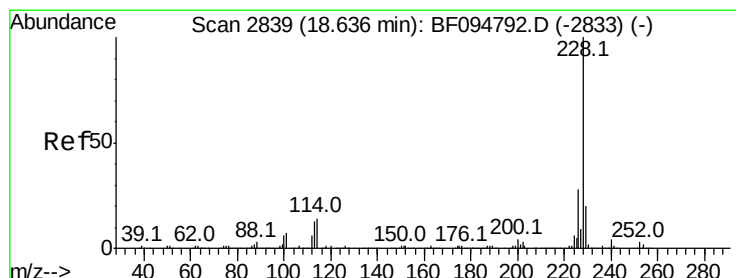
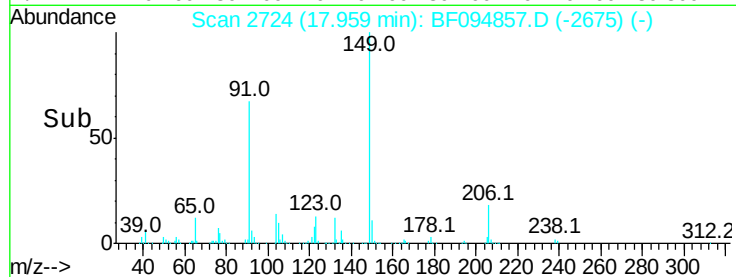
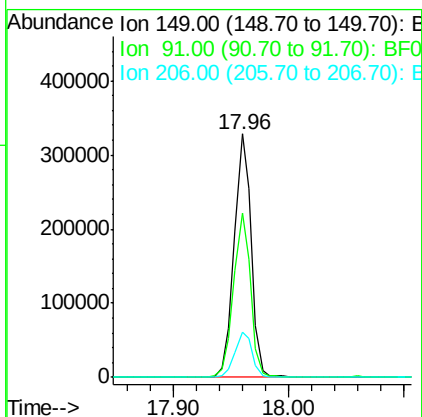
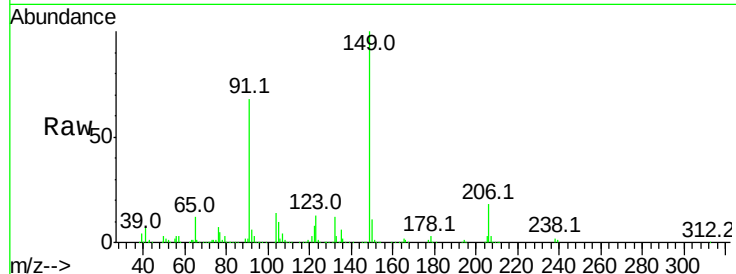




#79
Butylbenzylphthalate
Concen: 50.14 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

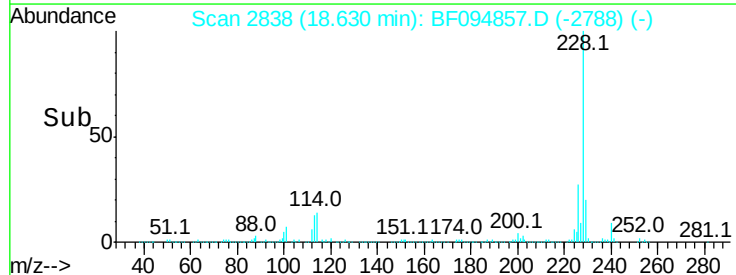
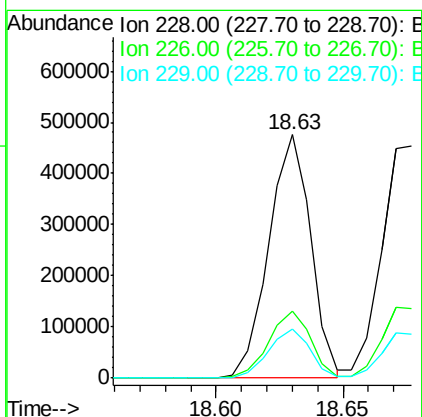
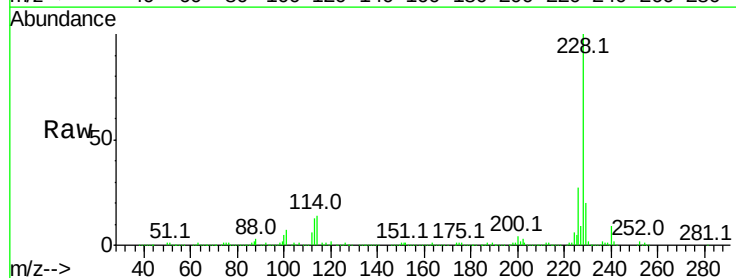
Instrument :
BNA_F
ClientSampleId :

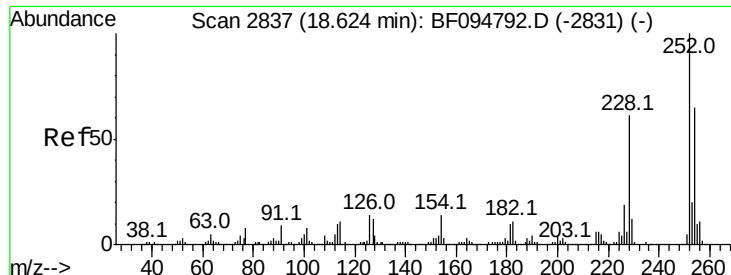
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	45.0	67.4#
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 49.28 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.0	16.3	24.5

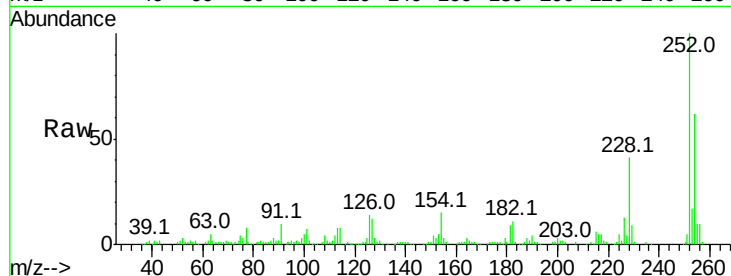




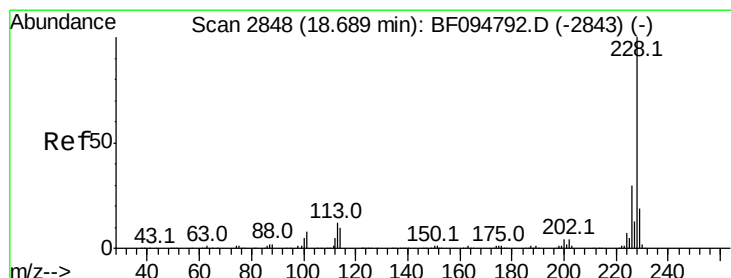
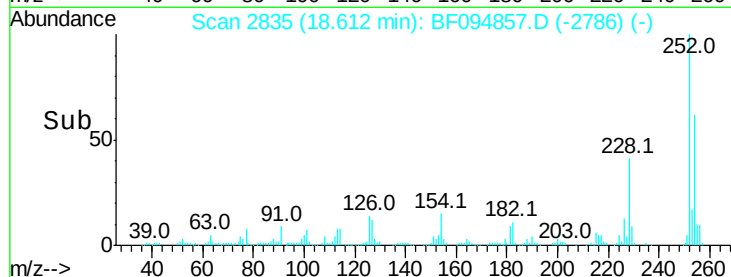
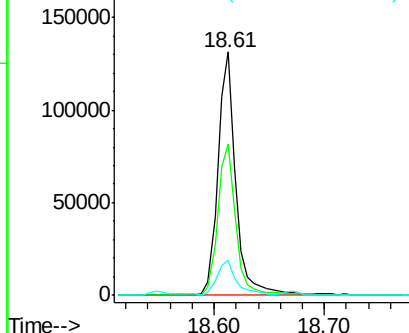
#81
 3,3'-Dichlorobenzidine
 Concen: 38.32 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 148337
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.5 77.3
 126 14.3 15.8 23.8#

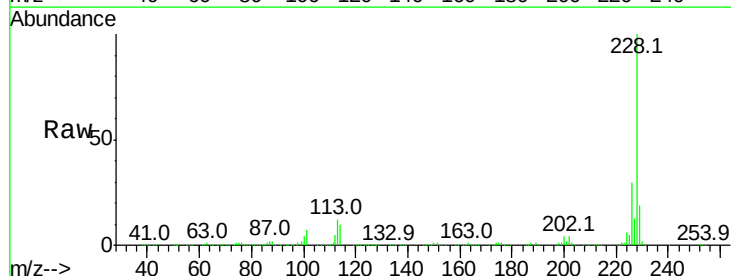


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

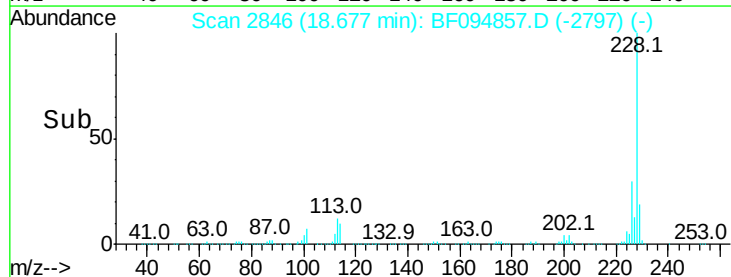
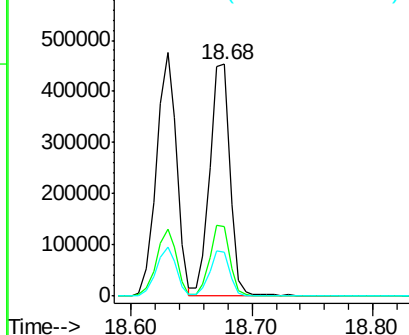


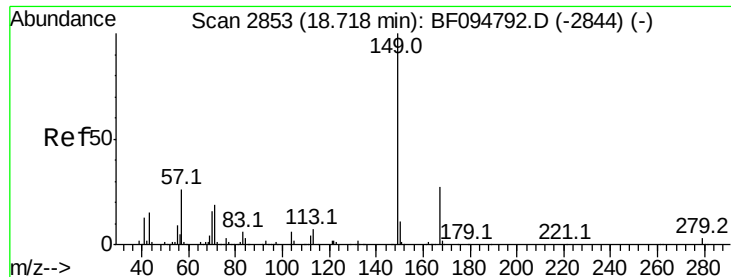
#82
 Chrysene
 Concen: 48.03 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:228 Resp: 520611
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.9 37.3
 229 19.2 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.32 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

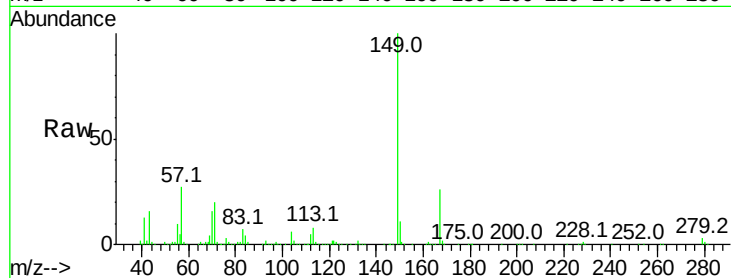
Tot Ion:149 Resp: 480359

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

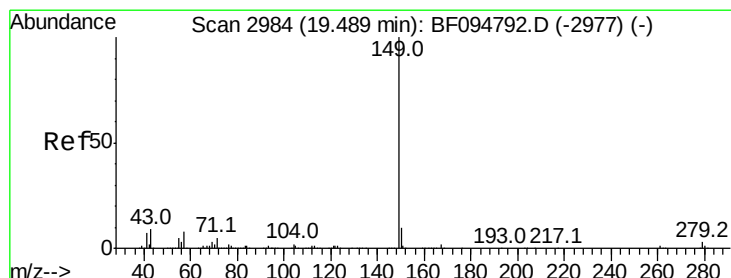
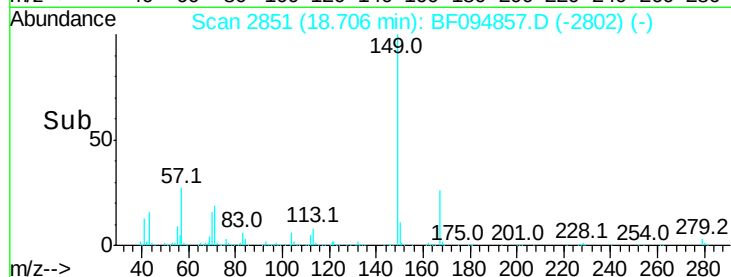
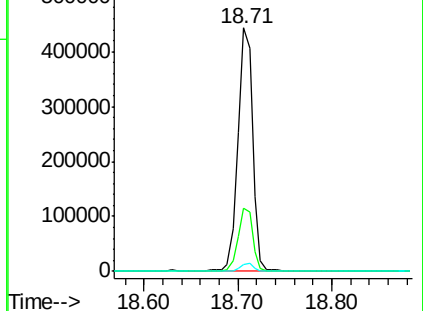
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.79 ng

RT: 19.48 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

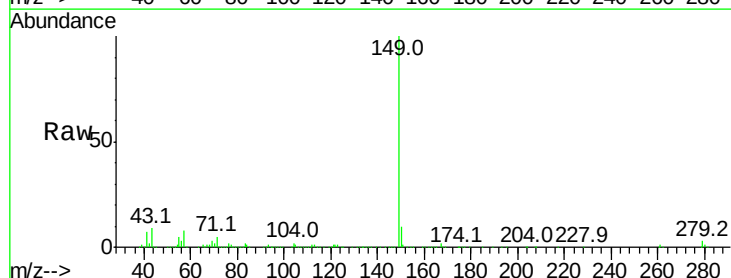
Tgt Ion:149 Resp: 747962

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

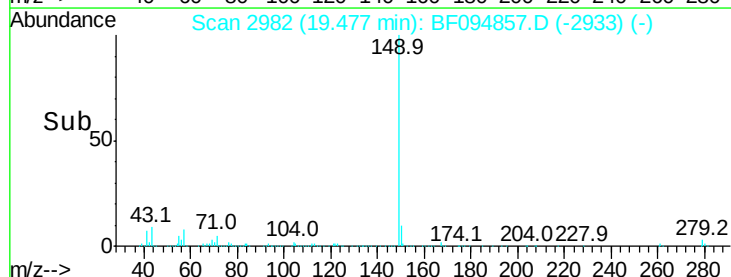
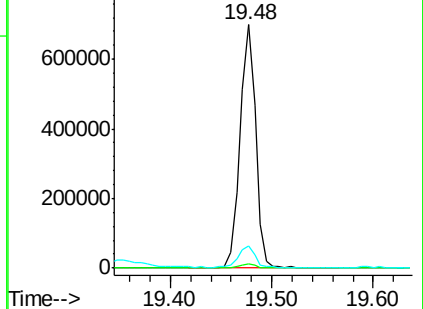
43 9.1 8.5 12.7

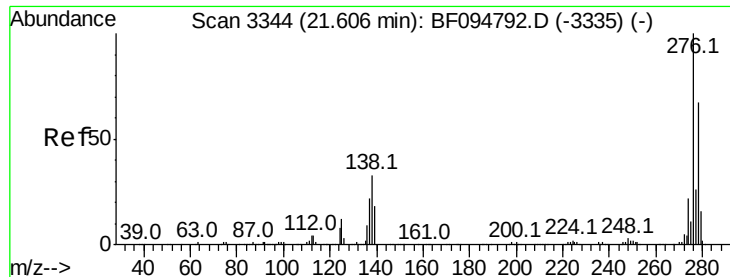


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

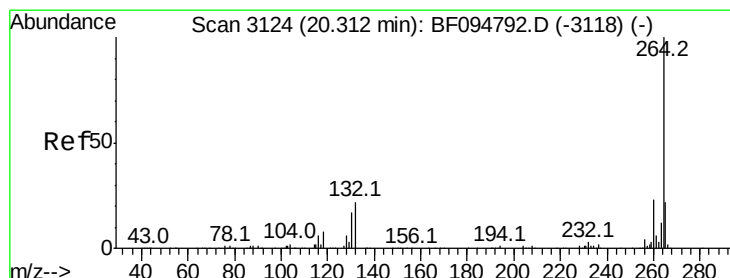
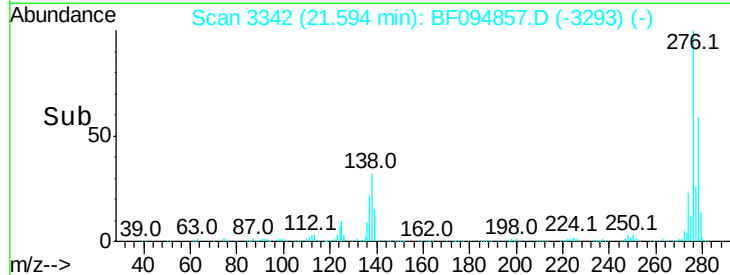
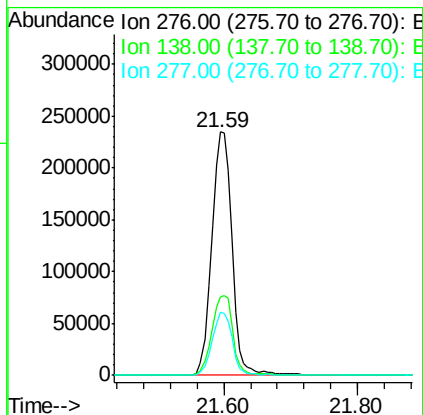
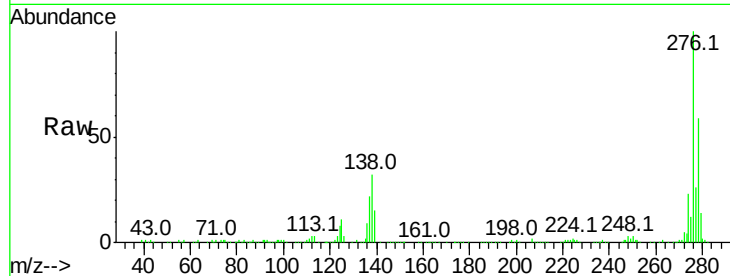




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.32 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

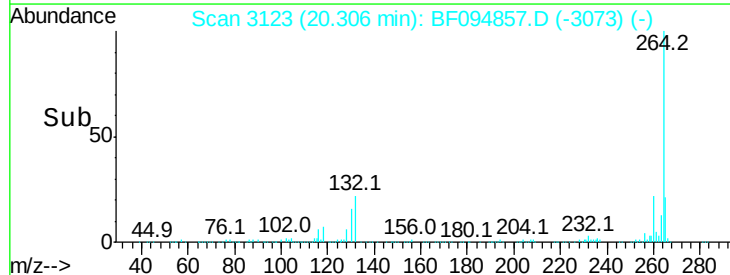
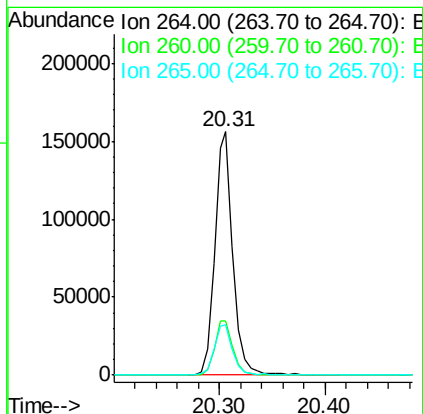
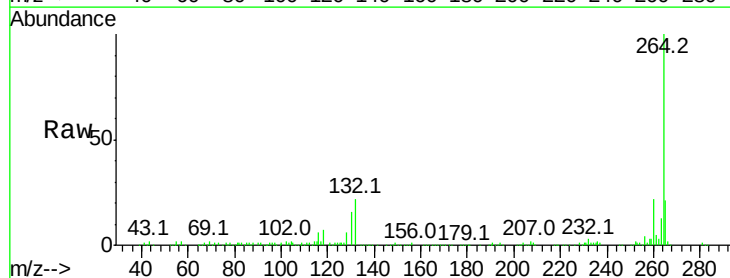
Instrument :
 BNA_F
 ClientSampleId :

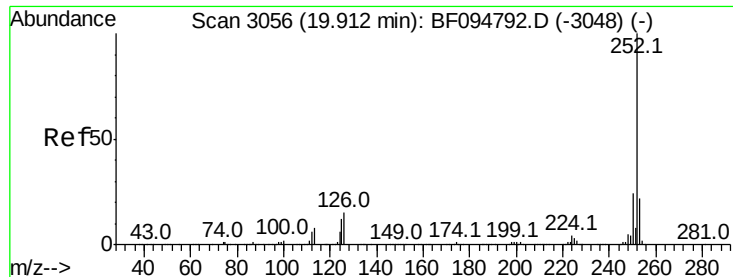
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.8	17.2	25.8

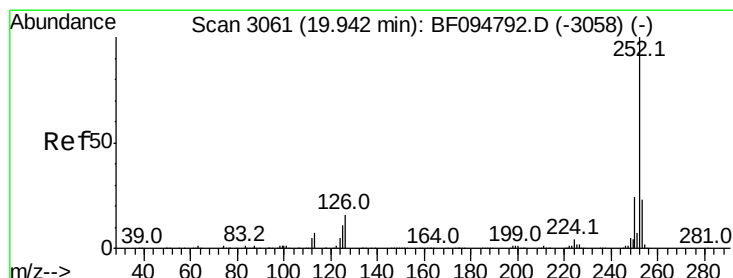
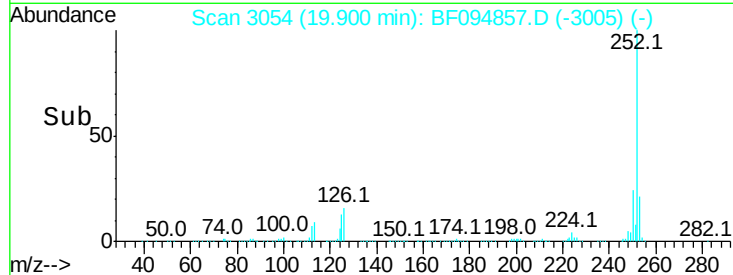
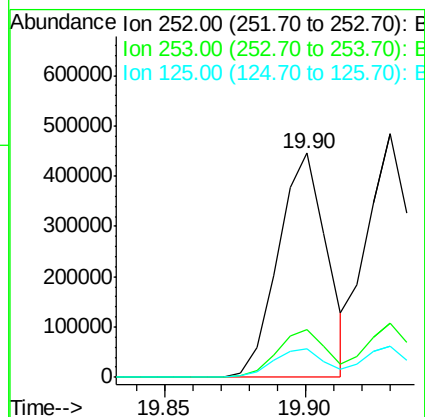
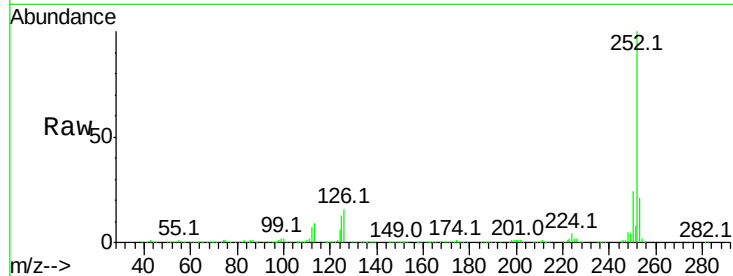




#87
Benzo(b)fluoranthene
Concen: 46.02 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

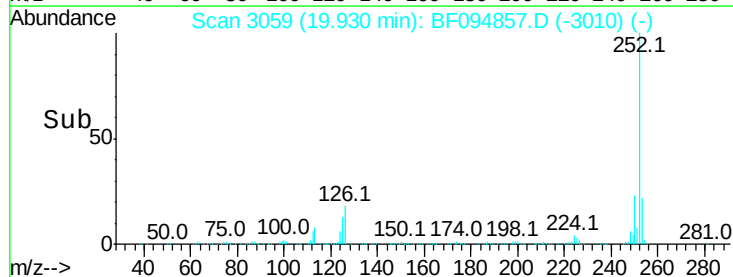
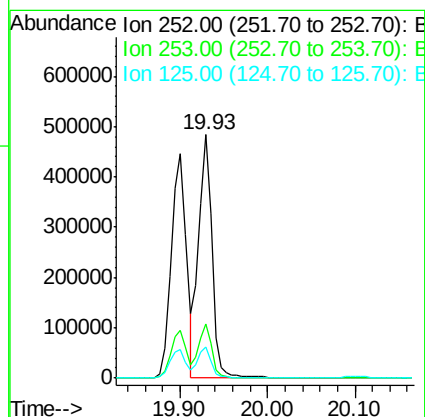
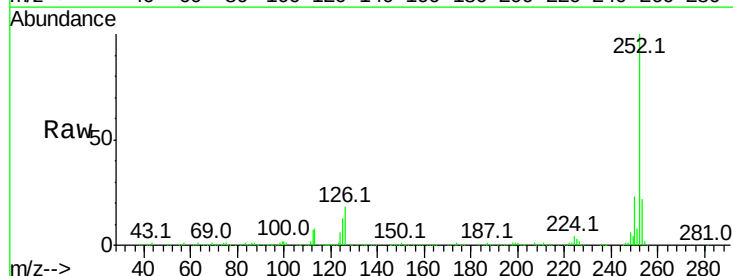
Instrument :
BNA_F
ClientSampleId :

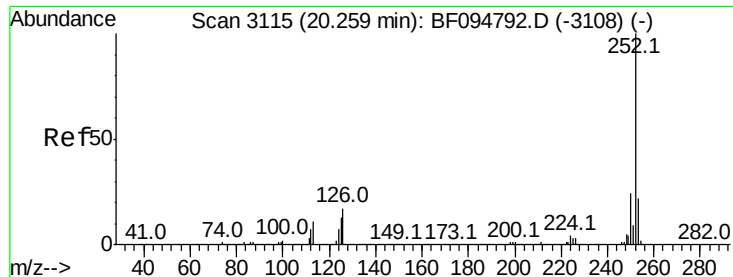
Tot Ion:252 Resp: 530877
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 47.17 ng
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:252 Resp: 524908
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.0 13.1 19.7#

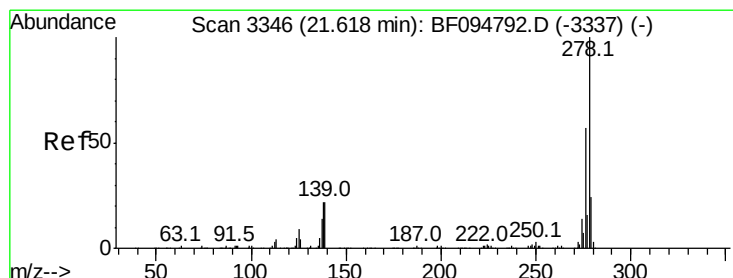
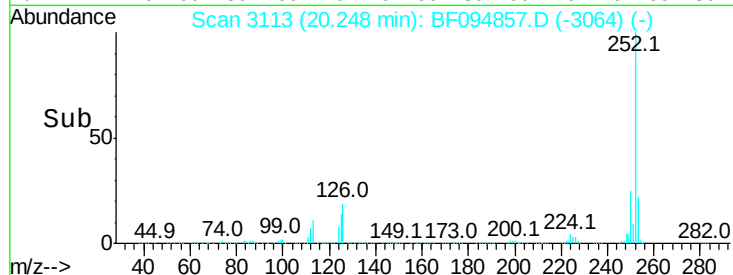
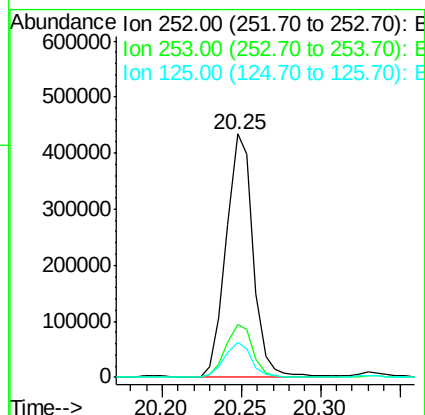
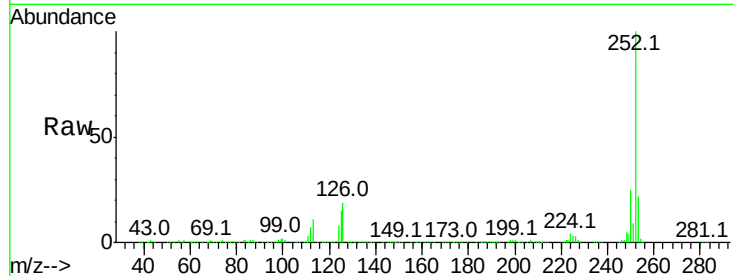




#89
Benzo(a)pyrene
Concen: 48.09 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

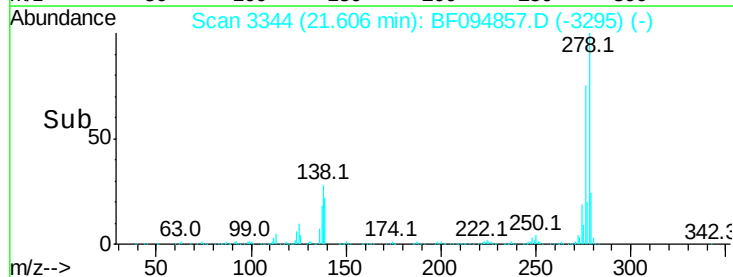
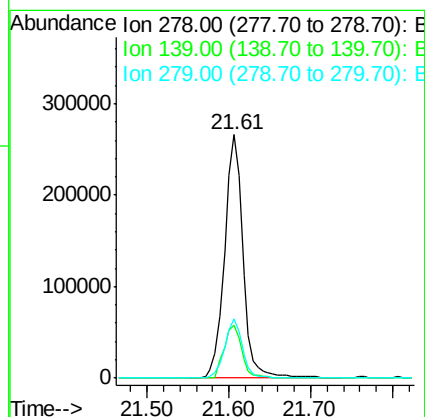
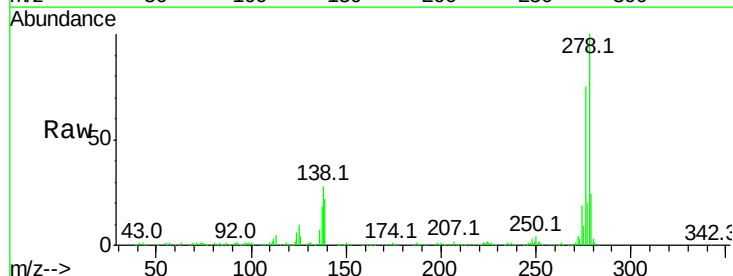
Instrument :
BNA_F
ClientSampleId :

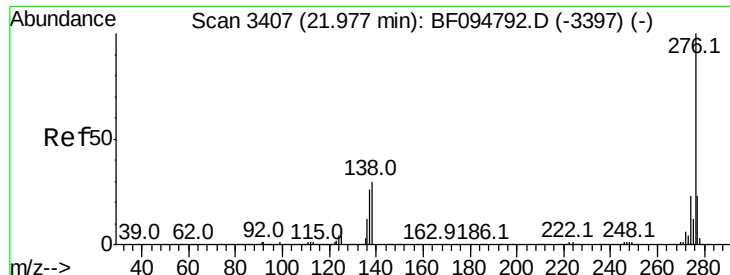
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.69 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	24.3	19.3	28.9

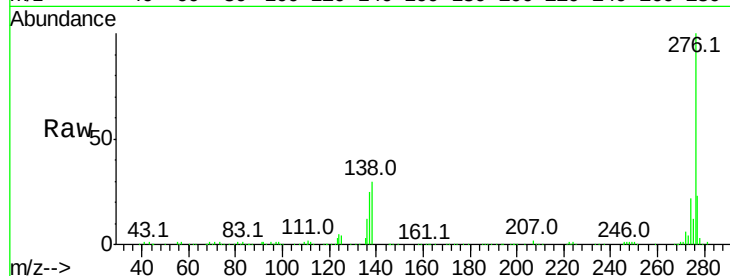




#91
 Benzo(a,h,i)perylene
 Concen: 47.11 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	29.6	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

