

Data Path : Z:\HPCHEM1\BNA F\Data\BF042817\
 Data File : BF094682.D
 Acq On : 28 Apr 2017 14:38
 Operator : SJ/MA
 Sample : PB98544BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 18:52:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99863	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	409843	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	190625	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	333954	20.00	ng	0.00
75) Chrysene-d12	14.47	240	266726	20.00	ng	0.00
86) Perylene-d12	16.09	264	195089	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	987201	164.01	ng	0.04
7) Phenol-d6	5.41	99	1193667	168.21	ng	0.01
23) Nitrobenzene-d5	6.42	82	730649	110.08	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	253829	170.24	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1351249	104.30	ng	0.00
78) Terphenyl-d14	13.20	244	1200687	120.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	124605	35.60	ng	96
3) Pyridine	2.71	79	359631	47.01	ng	99
4) n-Nitrosodimethylamine	2.65	42	160886	50.82	ng	88
6) Aniline	5.41	93	245776	26.06	ng	# 38
8) 2-Chlorophenol	5.55	128	378596	55.27	ng	96
9) Benzaldehyde	5.28	77	99092	18.36	ng	96
10) Phenol	5.42	94	450728	51.70	ng	99
11) bis(2-Chloroethyl)ether	5.49	93	354764	55.71	ng	97
12) 1,3-Dichlorobenzene	5.71	146	403299	53.15	ng	98
13) 1,4-Dichlorobenzene	5.80	146	409960	53.70	ng	97
14) 1,2-Dichlorobenzene	5.97	146	371462	52.82	ng	96
15) Benzyl Alcohol	5.95	79	286248	54.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	449751	53.87	ng	# 45
17) 2-Methylphenol	6.10	107	302888	56.15	ng	94
18) Hexachloroethane	6.35	117	141129	53.92	ng	90
19) n-Nitroso-di-n-propylamine	6.27	70	258502	54.98	ng	94
20) 3+4-Methylphenols	6.28	107	412220	56.23	ng	# 62
22) Acetophenone	6.25	105	528447	53.03	ng	# 85
24) Nitrobenzene	6.45	77	373927	53.50	ng	94
25) Isophorone	6.74	82	667551	54.26	ng	95
26) 2-Nitrophenol	6.82	139	213537	56.87	ng	98
27) 2,4-Dimethylphenol	6.90	122	332621	54.53	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	433345	54.45	ng	99
29) 2,4-Dichlorophenol	7.12	162	325646	57.39	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	312680	53.30	ng	99
31) Naphthalene	7.29	128	1038345	52.70	ng	99
32) Benzoic acid	7.09	122	188961	58.58	ng	95
33) 4-Chloroaniline	7.38	127	80727	9.85	ng	# 93
34) Hexachlorobutadiene	7.44	225	158091	54.05	ng	99
35) Caprolactam	7.85	113	57025	31.99	ng	88
36) 4-Chloro-3-methylphenol	8.00	107	338425	56.91	ng	92
37) 2-Methylnaphthalene	8.13	142	727949	54.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	283166	52.17	ng	99
40) Hexachlorocyclopentadiene	8.32	237	266259	121.25	ng	99

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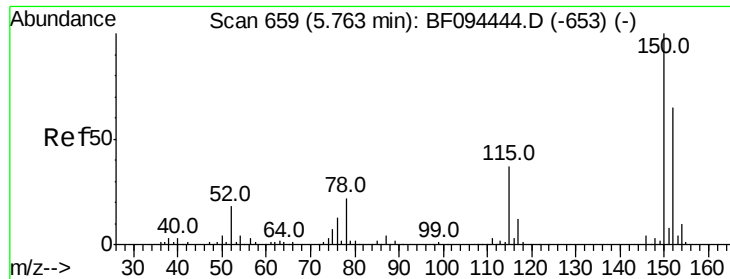
Instrument :
 BNA_F
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Quant Time: Apr 28 18:52:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.49	196	213463	56.00	nq	100
43) 2,4,5-Trichlorophenol	8.55	196	218181	55.74	nq	# 92
45) 1,1'-Biphenyl	8.71	154	833753	53.53	nq	99
46) 2-Chloronaphthalene	8.72	162	663281	53.56	nq	95
47) 2-Nitroaniline	8.87	65	184025	51.66	nq	# 83
48) Acenaphthylene	9.22	152	1038748	53.81	nq	99
49) Dimethylphthalate	9.10	163	807726	56.86	nq	100
50) 2,6-Dinitrotoluene	9.17	165	177286	55.60	nq	94
51) Acenaphthene	9.44	154	614036	53.10	nq	99
52) 3-Nitroaniline	9.38	138	69668	18.88	nq	91
53) 2,4-Dinitrophenol	9.52	184	166990	95.32	nq	# 63
54) Dibenzofuran	9.65	168	910093	54.15	nq	96
55) 4-Nitrophenol	9.65	139	589515	226.19	nq	# 35
56) 2,4-Dinitrotoluene	9.67	165	236307	60.40	nq	# 90
57) Fluorene	10.08	166	696308	53.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	163779	58.37	nq	94
59) Diethylphthalate	9.97	149	753434	56.21	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	300969	55.26	nq	90
61) 4-Nitroaniline	10.14	138	166664	44.44	nq	96
62) Azobenzene	10.28	77	715634	54.99	nq	95
64) 4,6-Dinitro-2-methylphenol	10.18	198	119248	54.50	nq	# 68
65) n-Nitrosodiphenylamine	10.24	169	651341	56.08	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	187054	56.41	nq	97
67) Hexachlorobenzene	10.75	284	190085	56.88	nq	# 89
68) Atrazine	10.91	200	196504	56.56	nq	97
69) Pentachlorophenol	11.01	266	171422	129.18	nq	98
70) Phenanthrene	11.25	178	1026823	54.60	nq	99
71) Anthracene	11.32	178	1070058	55.01	nq	98
72) Carbazole	11.52	167	977396	53.53	nq	98
73) Di-n-butylphthalate	11.97	149	1192157	59.30	nq	99
74) Fluoranthene	12.71	202	1058700	54.32	nq	99
76) Benzidine	12.89	184	354500	32.83	nq	# 92
77) Pyrene	12.99	202	1078440	57.87	nq	99
79) Butylbenzylphthalate	13.81	149	506076	61.97	nq	# 86
80) Benzo(a)anthracene	14.46	228	867224	55.94	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	149527	27.25	nq	# 97
82) Chrysene	14.51	228	774775	54.68	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	683060	62.29	nq	# 98
84) Di-n-octyl phthalate	15.28	149	1096328	59.61	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	612956	45.47	nq	100
87) Benzo(b)fluoranthene	15.70	252	714270	59.85	nq	97
88) Benzo(k)fluoranthene	15.73	252	648210	57.40	nq	# 94
89) Benzo(a)pyrene	16.04	252	617781	55.64	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	508768	55.19	nq	99
91) Benzo(g,h,i)perylene	17.76	276	506034	53.91	nq	98

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

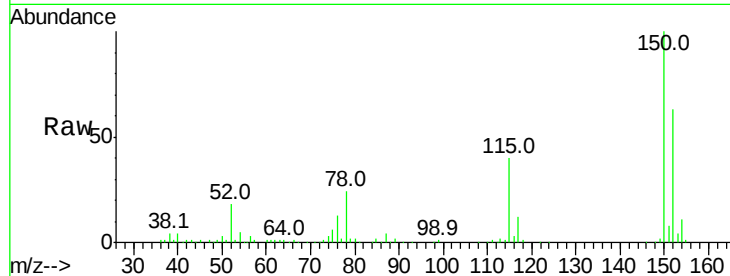


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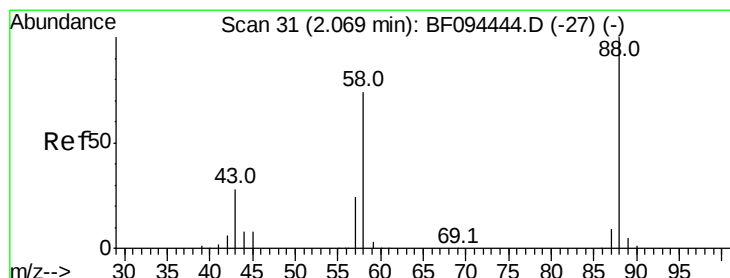
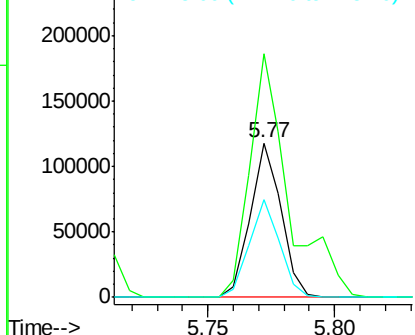
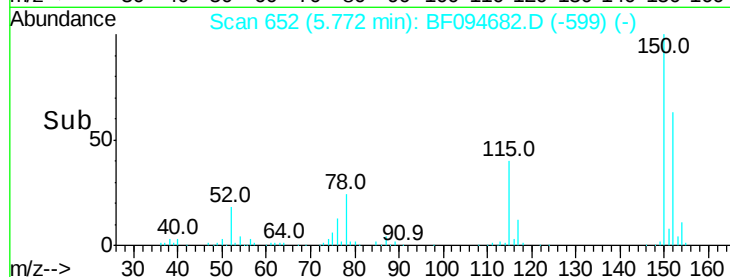
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99863
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 63.0 52.2 78.2



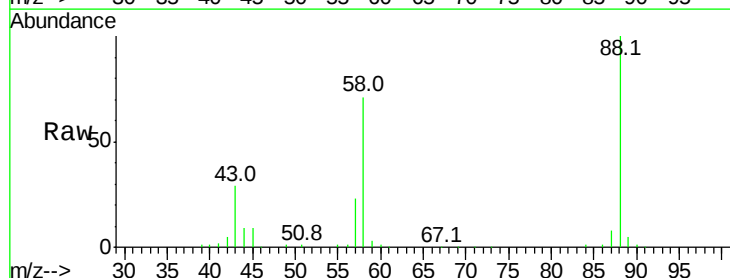
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



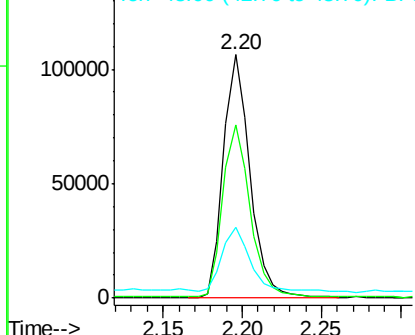
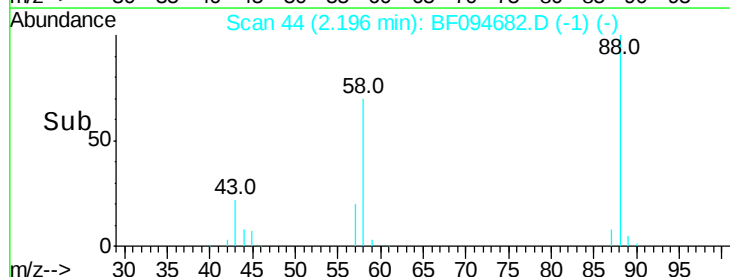
#2

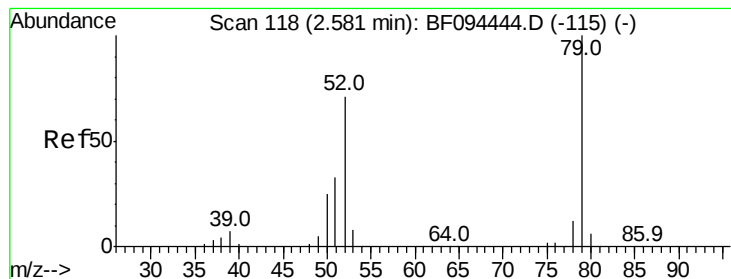
1,4-Dioxane
Concen: 35.60 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.13 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion: 88 Resp: 124605
Ion Ratio Lower Upper
88 100
58 72.6 61.4 92.0
43 28.1 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: 47.01 ng

RT: 2.71 min Scan# 131

Delta R.T. 0.13 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

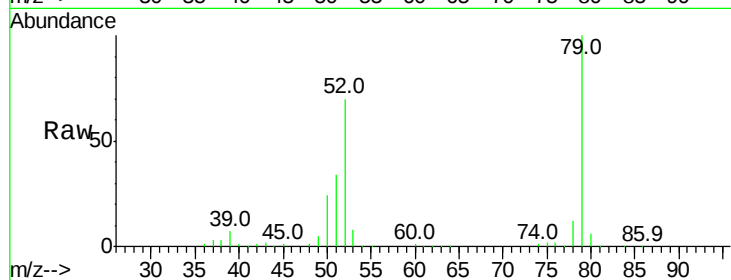
Tot Ion: 79 Resp: 359631

Ion Ratio Lower Upper

79 100

52 69.7 54.8 82.2

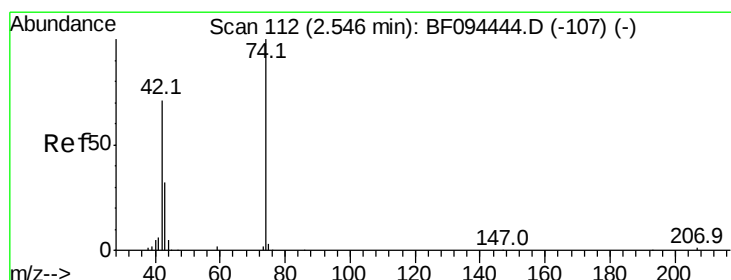
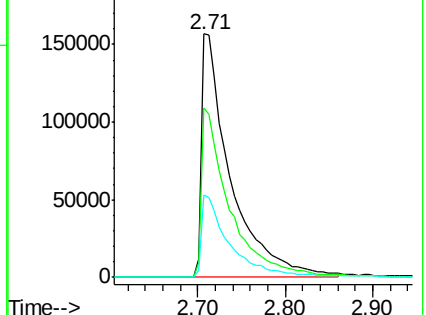
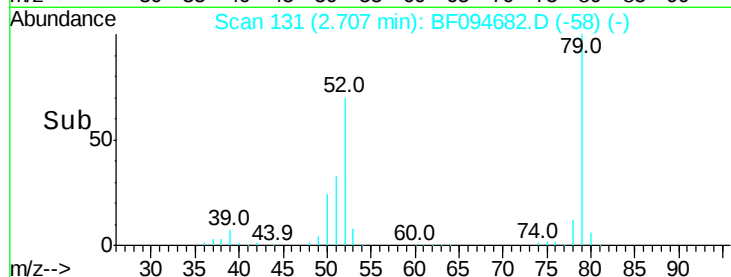
51 33.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 50.82 ng

RT: 2.65 min Scan# 122

Delta R.T. 0.11 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

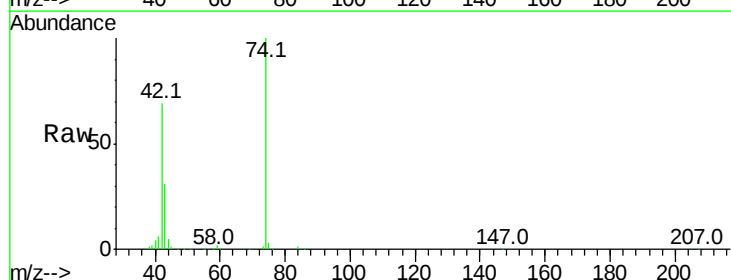
Tgt Ion: 42 Resp: 160886

Ion Ratio Lower Upper

42 100

74 144.8 103.9 155.9

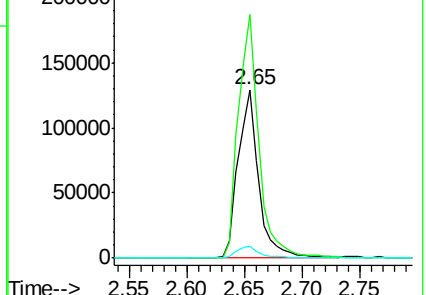
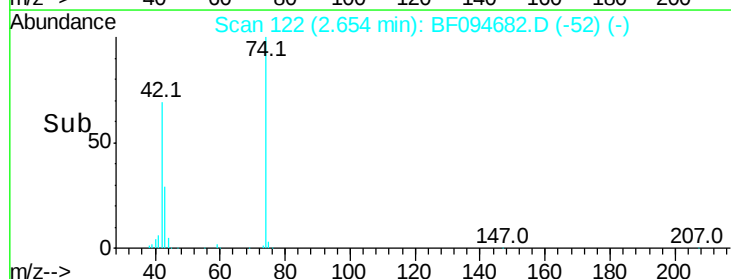
44 7.3 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 164.01 ng

RT: 4.34 min Scan# 409

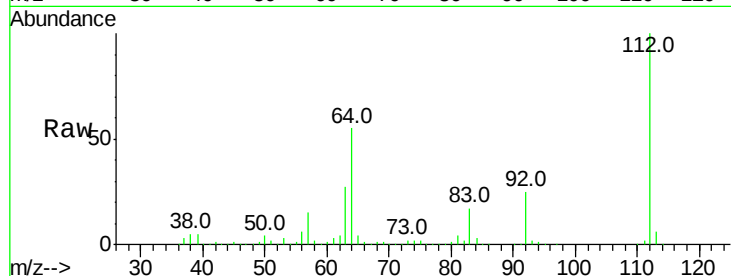
Delta R.T. 0.04 min

Lab File: BF094682.D

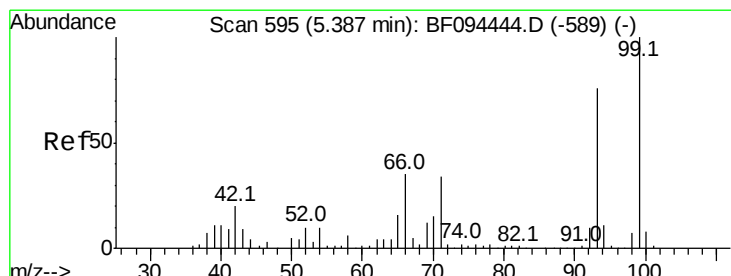
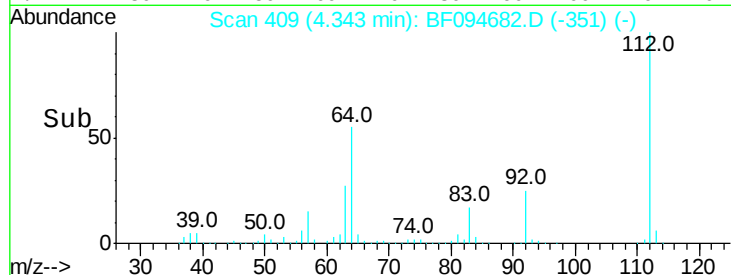
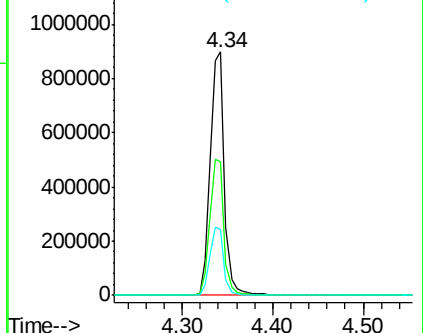
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	987201
Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	27.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 26.06 ng

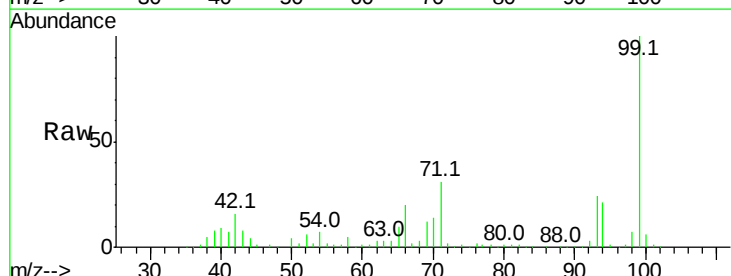
RT: 5.41 min Scan# 591

Delta R.T. 0.03 min

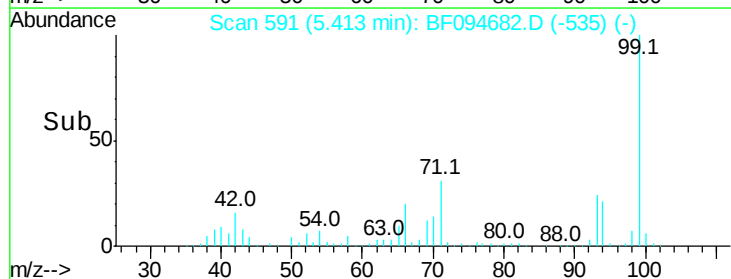
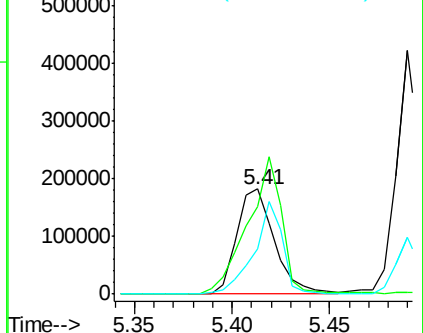
Lab File: BF094682.D

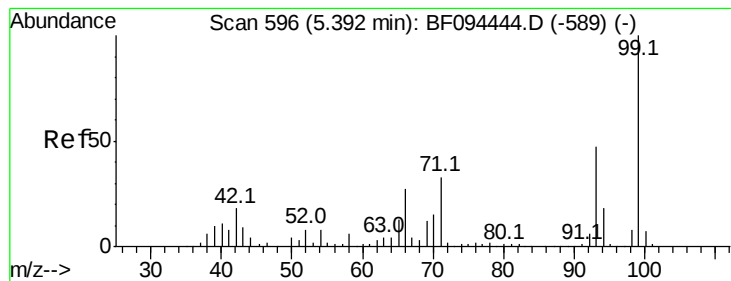
Acq: 28 Apr 2017 14:38

Tgt Ion:	93	Resp:	245776
Ion	Ratio	Lower	Upper
93	100		
66	83.6	32.9	49.3#
65	43.4	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 168.21 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampled :

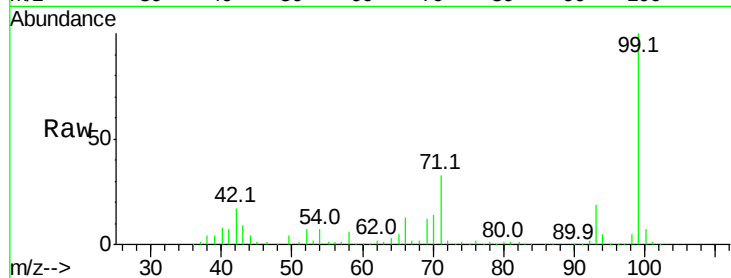
Tot Ion: 99 Resp: 1193667

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.2	24.5	36.7

99 100

42 17.4 13.5 20.3

71 33.2 24.5 36.7

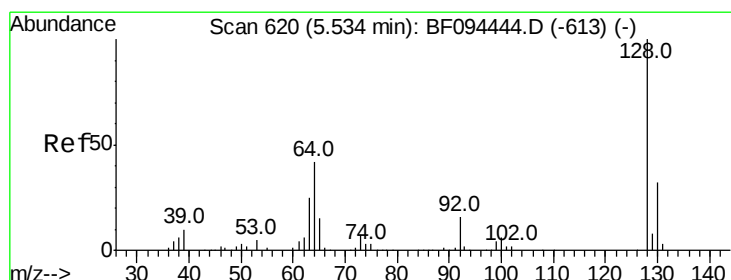
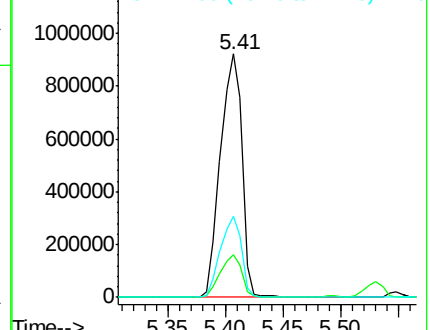
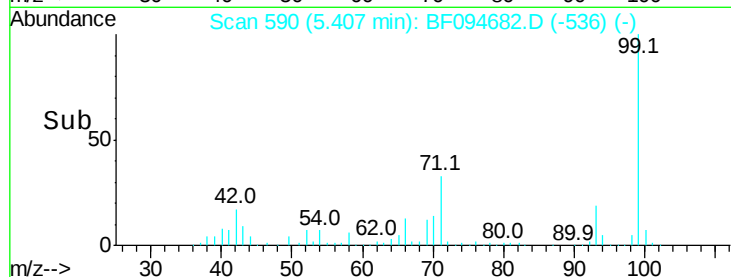


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 55.27 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

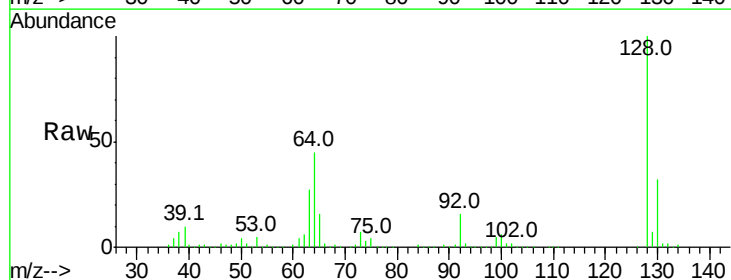
Tgt Ion:128 Resp: 378596

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	44.5	28.4	68.4

128 100

130 32.2 12.9 52.9

64 44.5 28.4 68.4

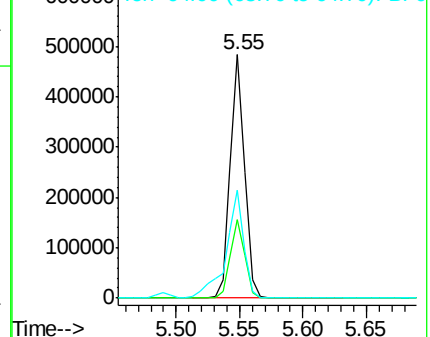
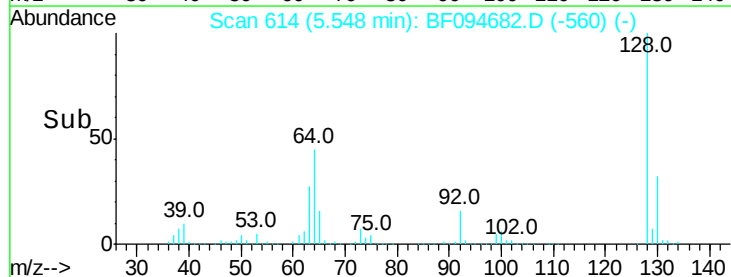


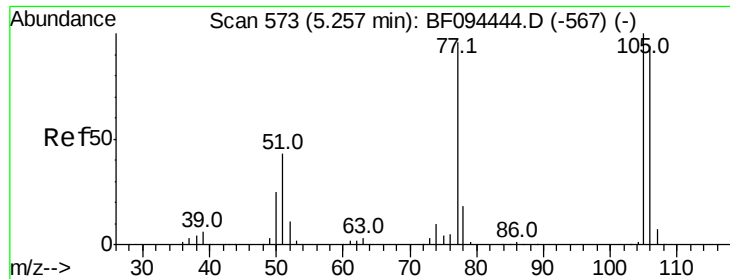
Abundance

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: 18.36 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampled :

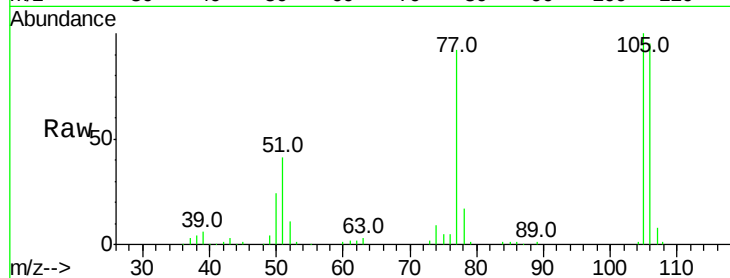
Tot Ion: 77 Resp: 99092

Ion Ratio Lower Upper

77 100

105 108.4 83.8 123.8

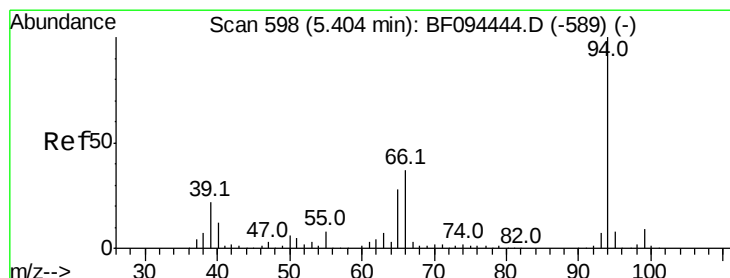
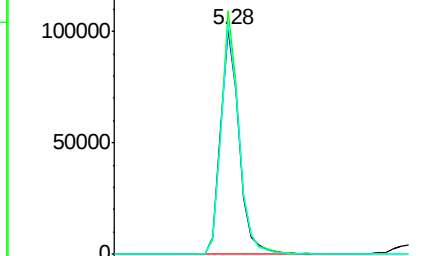
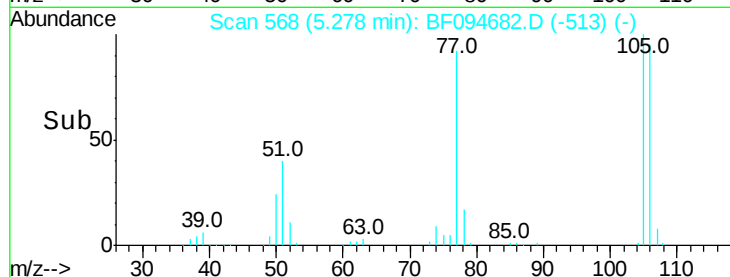
106 102.7 79.1 119.1



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: 51.70 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

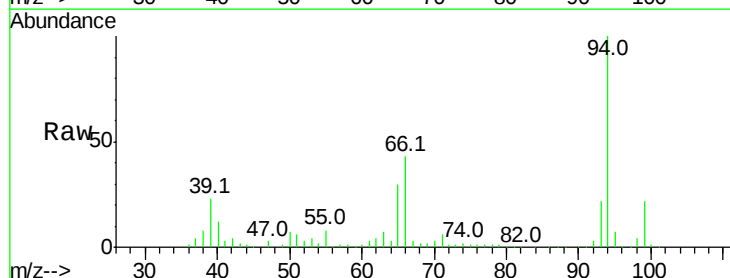
Tgt Ion: 94 Resp: 450728

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

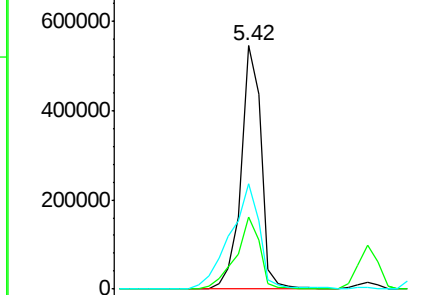
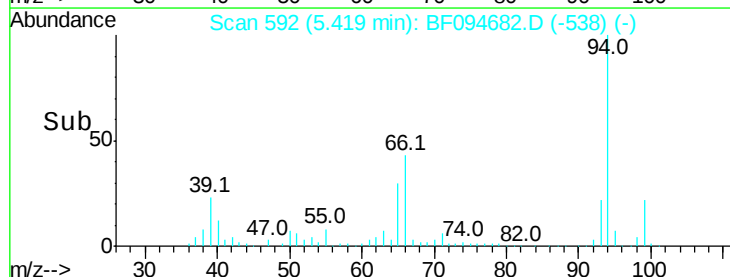
66 43.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

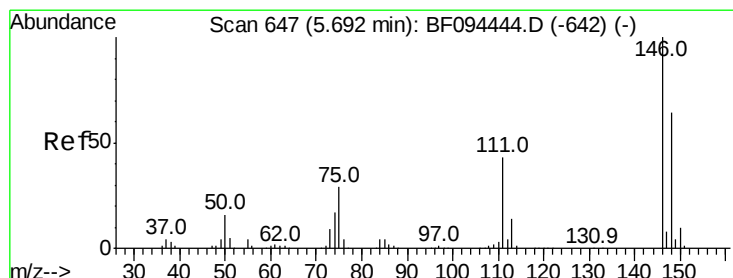
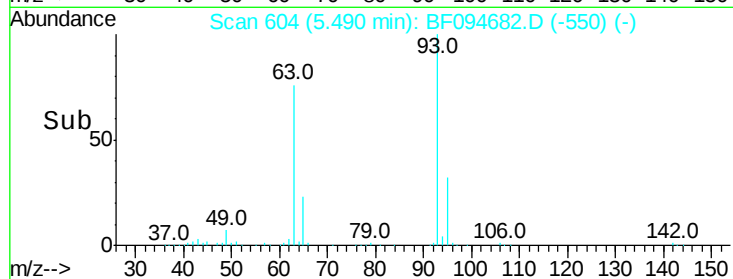
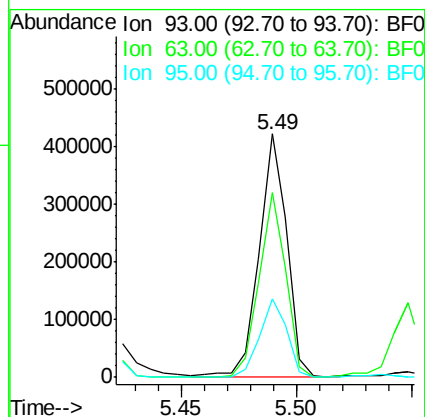
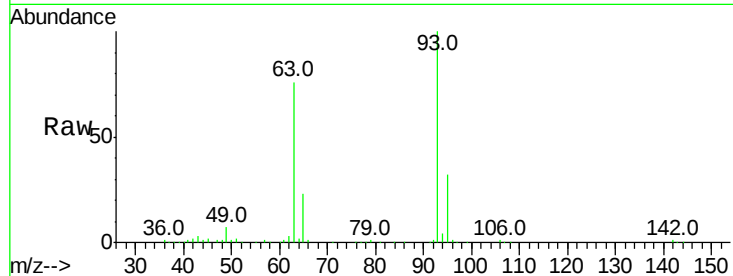




#11
bis(2-Chloroethyl)ether
Concen: 55.71 ng
RT: 5.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

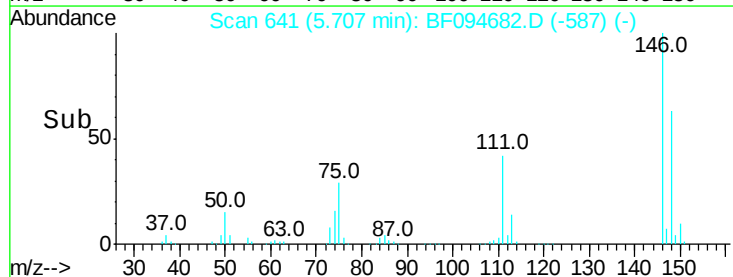
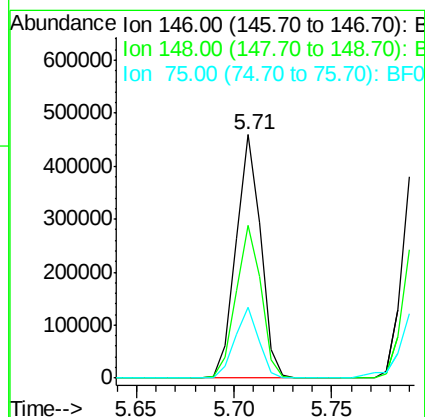
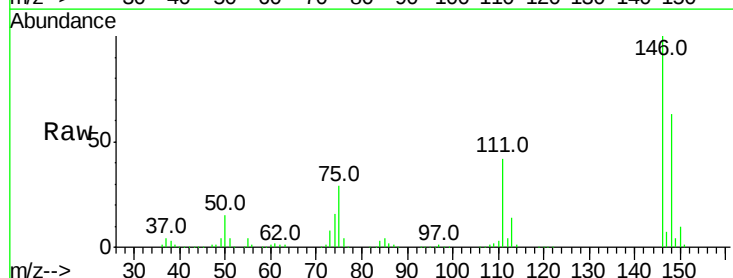
Instrument :
BNA_F
ClientSampleId :

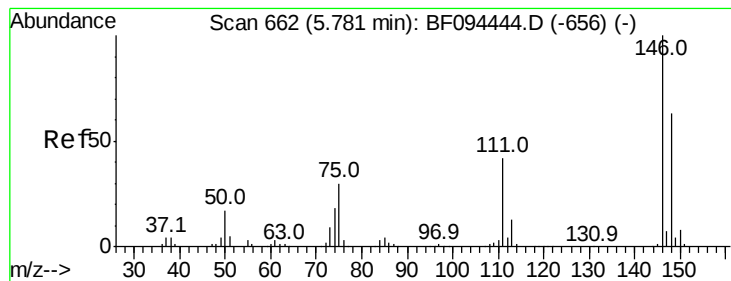
Tot Ion: 93 Resp: 354764
Ion Ratio Lower Upper
93 100
63 75.7 59.2 99.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 53.15 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion: 146 Resp: 403299
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.6
75 29.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 53.70 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

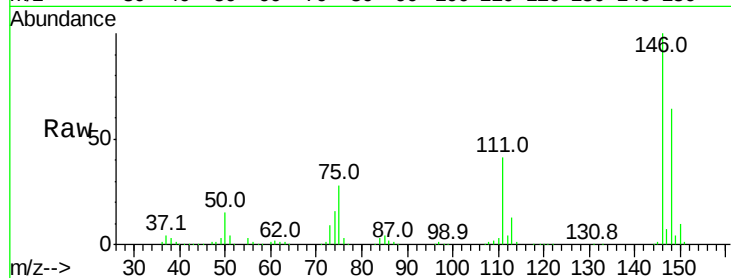
Tot Ion:146 Resp: 409960

Ion Ratio Lower Upper

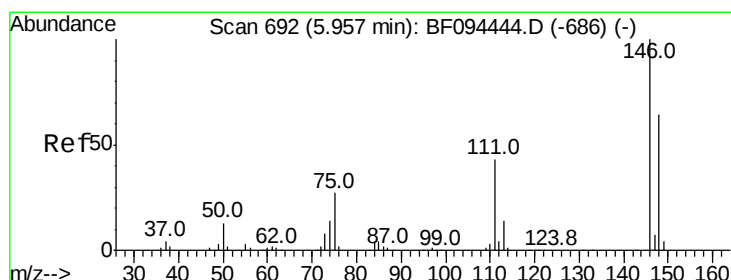
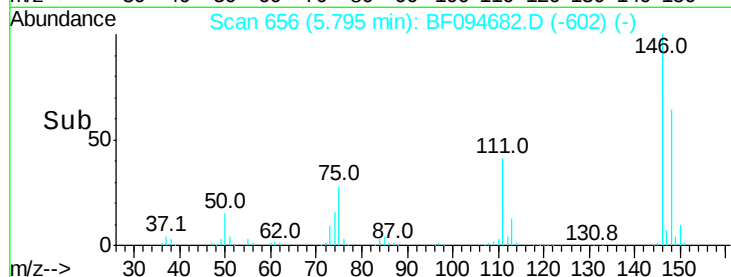
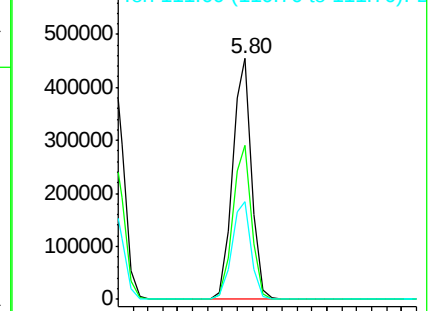
146 100

148 64.0 52.2 78.2

111 40.6 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: 52.82 ng

RT: 5.97 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

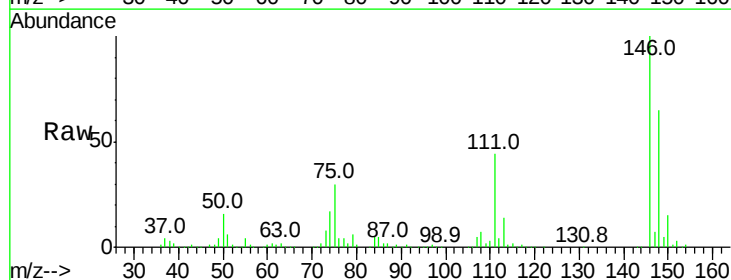
Tgt Ion:146 Resp: 371462

Ion Ratio Lower Upper

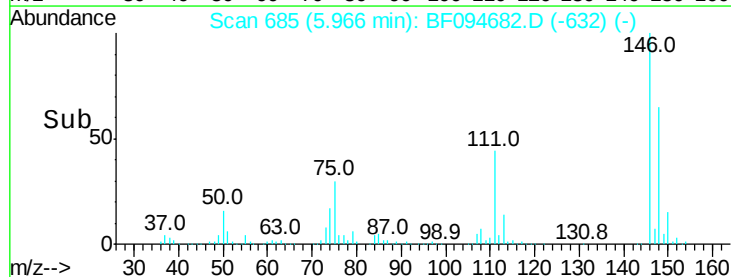
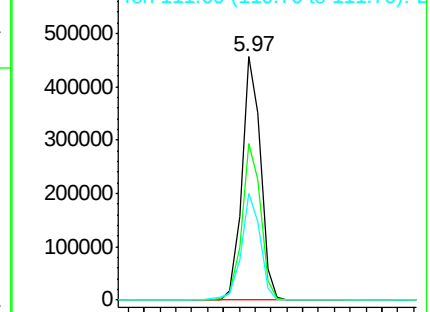
146 100

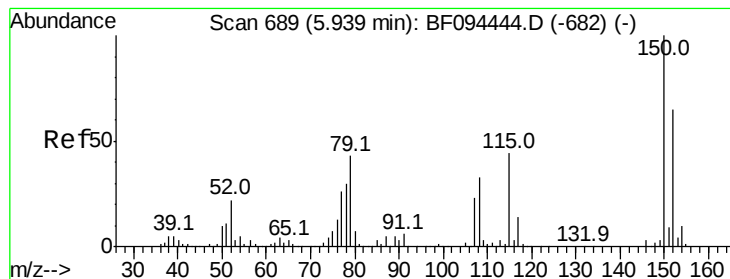
148 64.6 50.4 75.6

111 43.8 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: 54.38 ng

RT: 5.95 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampled :

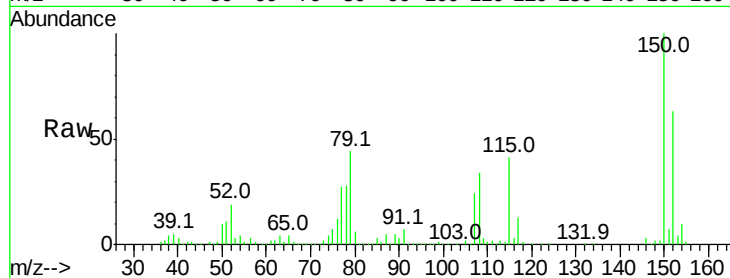
Tot Ion: 79 Resp: 286248

Ion Ratio Lower Upper

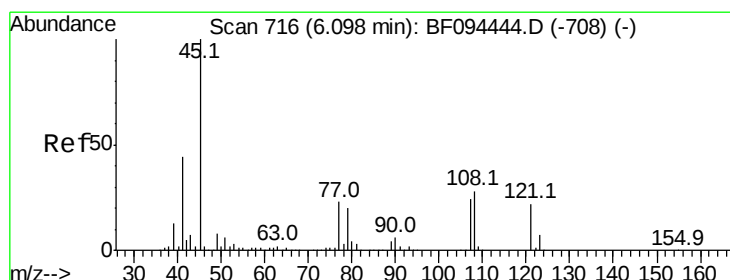
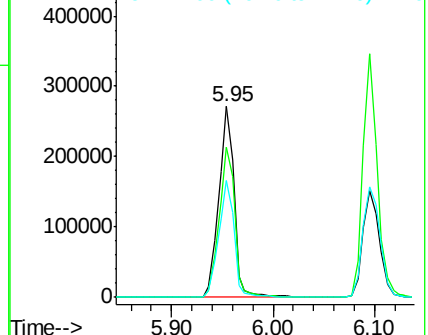
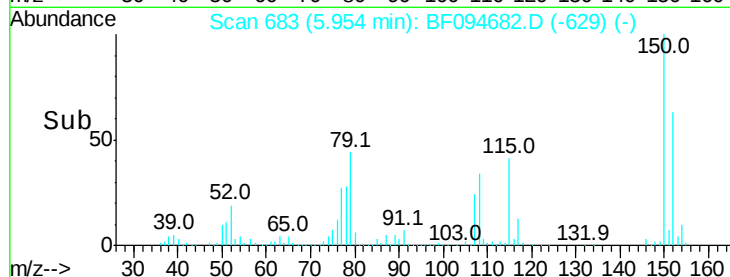
79 100

108 78.6 63.4 95.0

77 60.9 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.87 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

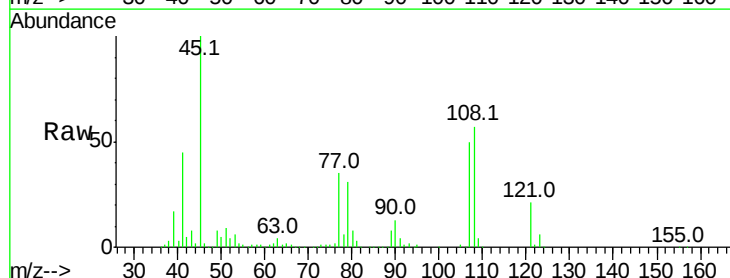
Tgt Ion: 45 Resp: 449751

Ion Ratio Lower Upper

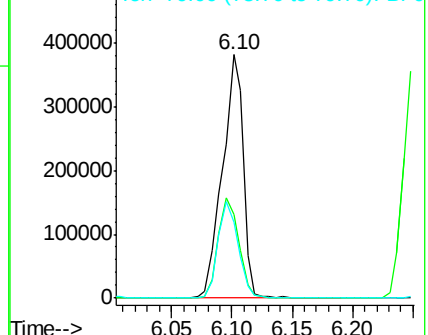
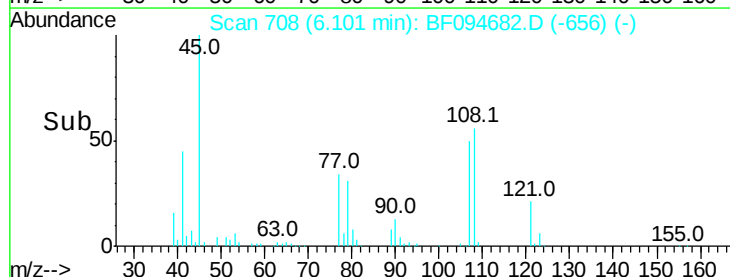
45 100

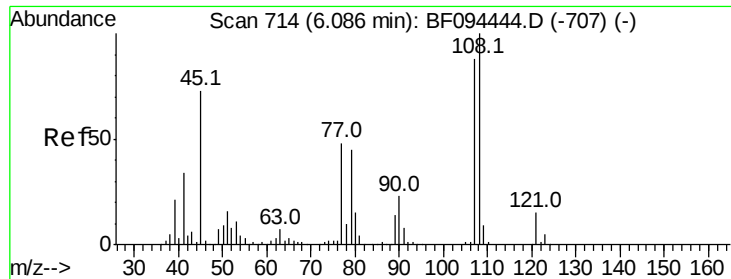
77 34.5 0.0 33.2#

79 31.1 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





#17

2-Methylphenol

Concen: 56.15 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 302888

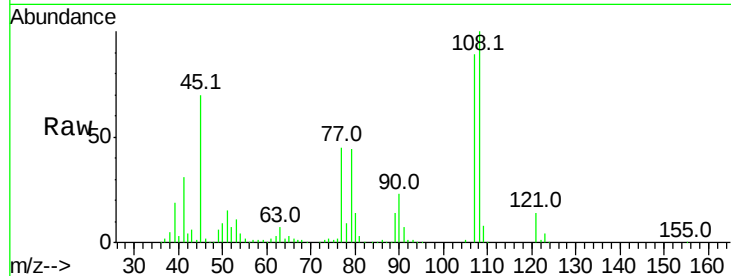
Ion Ratio Lower Upper

107 100

108 112.4 93.4 140.0

77 51.0 35.8 53.6

79 49.4 34.8 52.2

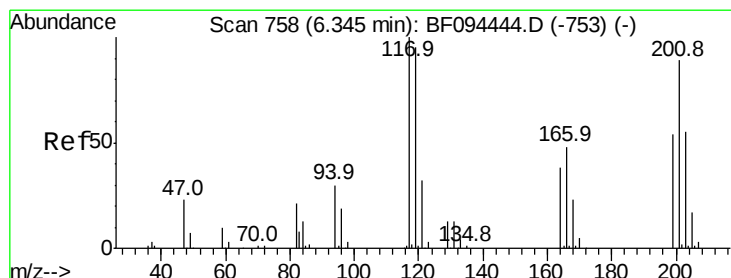
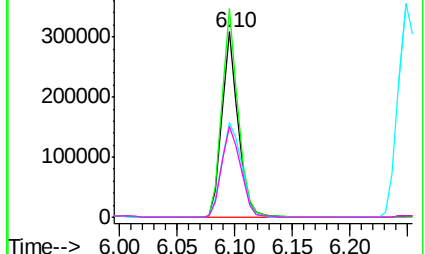
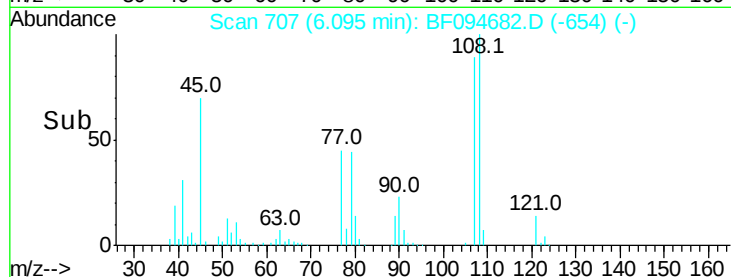


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 53.92 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

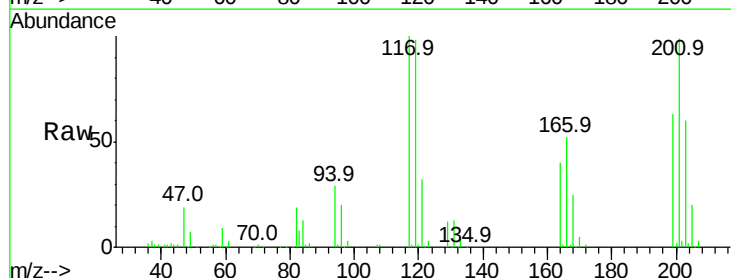
Tgt Ion:117 Resp: 141129

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

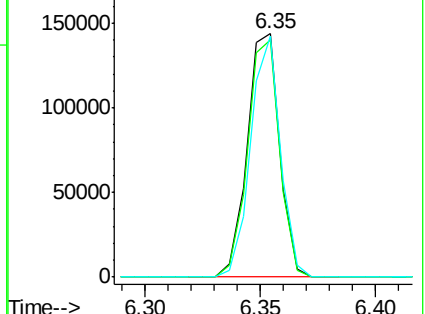
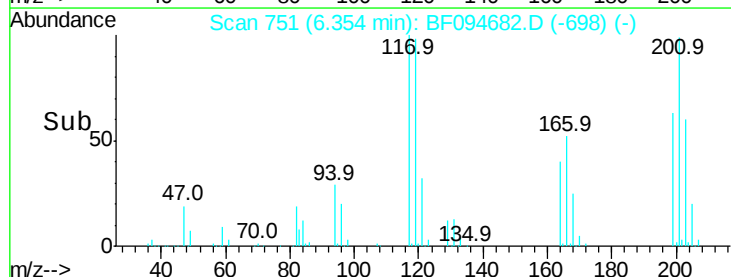
201 99.1 94.6 141.8

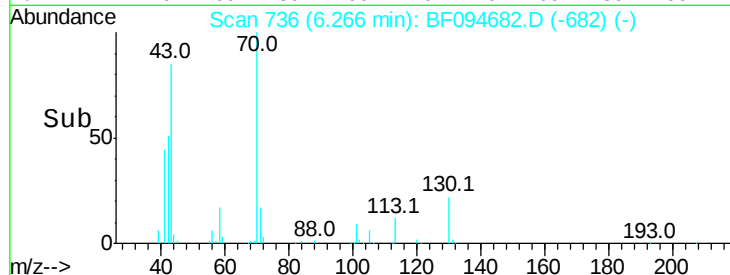
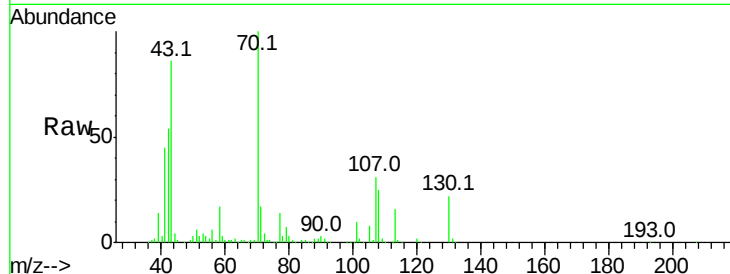
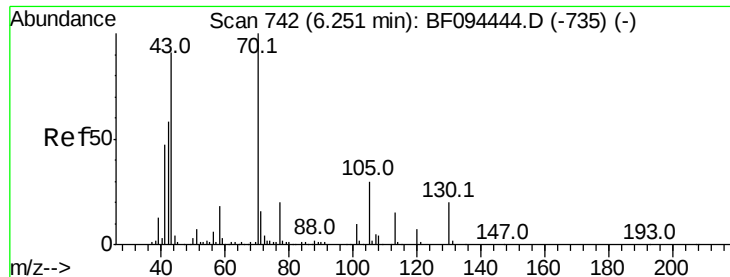


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

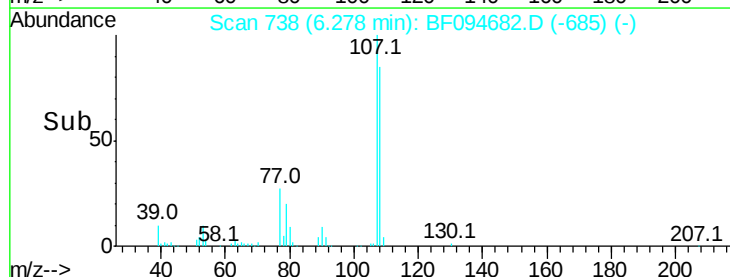
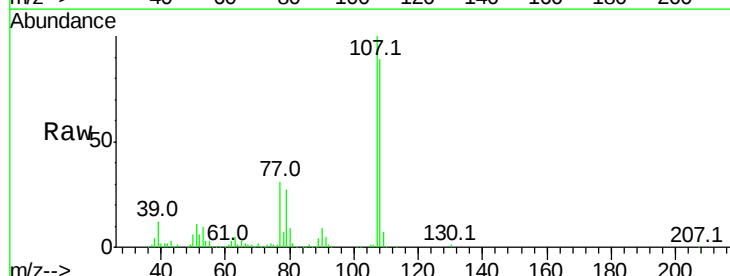
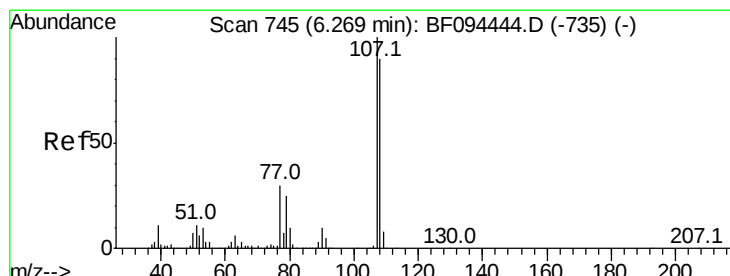
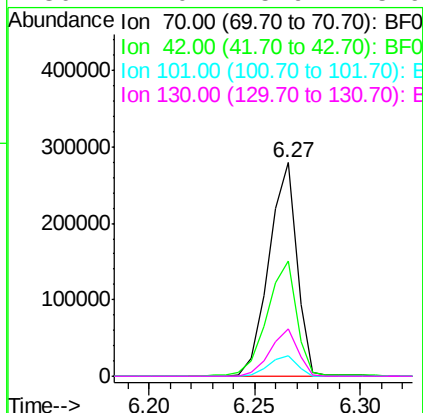




#19
n-Nitroso-di-n-propylamine
Concen: 54.98 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

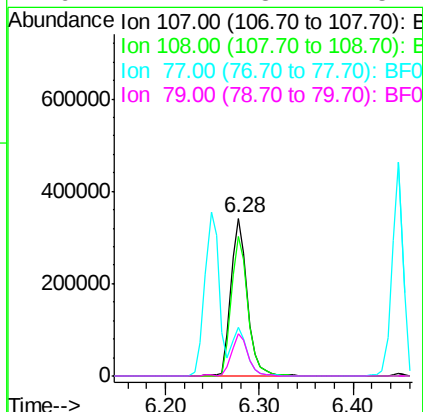
Instrument :
BNA_F
ClientSampleId :

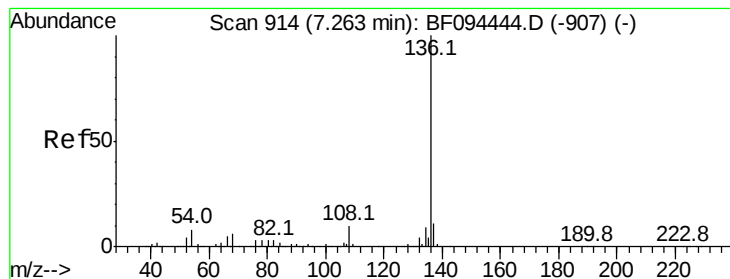
Tot Ion: 70 Resp: 258502
Ion Ratio Lower Upper
70 100
42 54.2 47.2 70.8
101 9.7 7.2 10.8
130 22.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 56.23 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:107 Resp: 412220
Ion Ratio Lower Upper
107 100
108 88.7 71.0 111.0
77 30.6 90.5 130.5#
79 27.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 409843

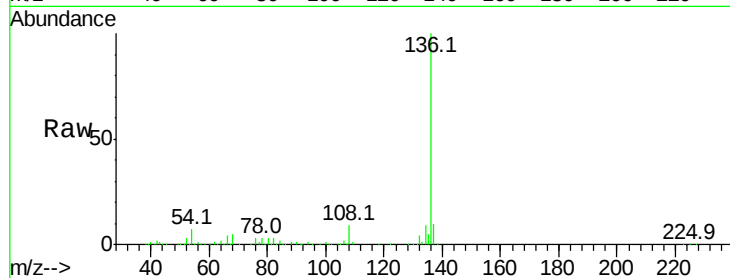
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

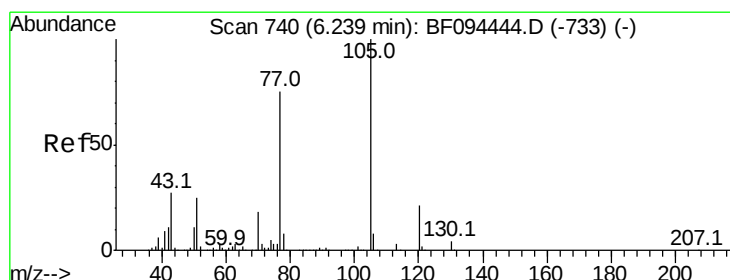
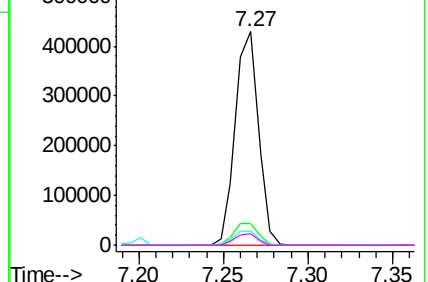
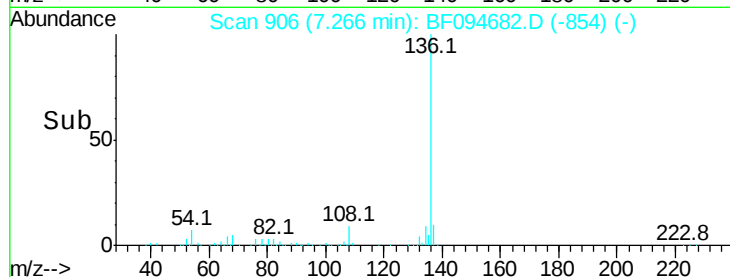


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.03 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:105 Resp: 528447

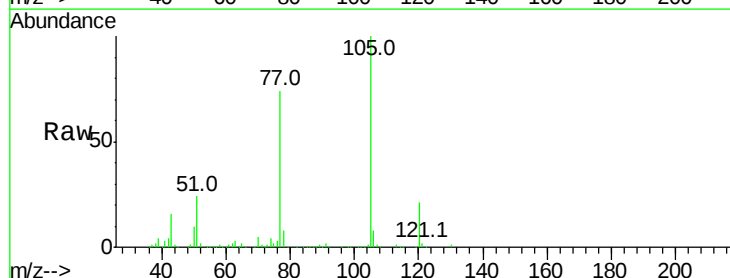
Ion Ratio Lower Upper

105 100

71 1.0 2.8 4.2#

51 24.2 30.7 46.1#

120 21.3 17.4 26.0

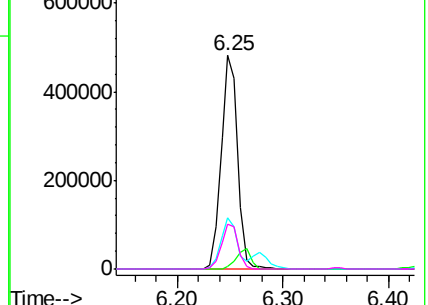
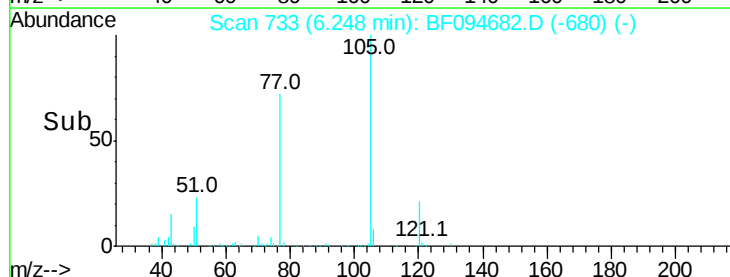


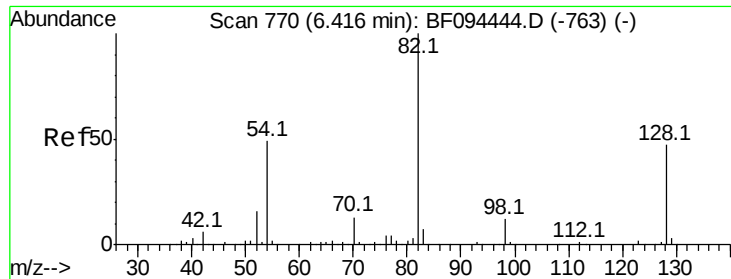
Abundance Ion 105.00 (104.70 to 105.70): E

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

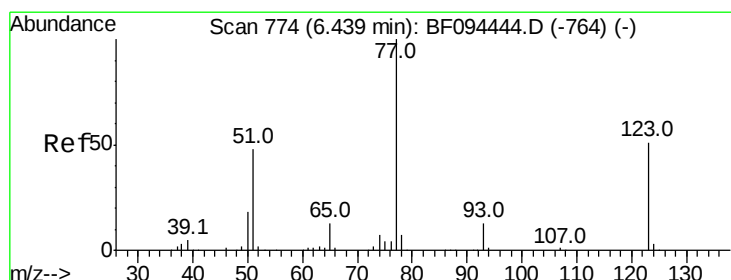
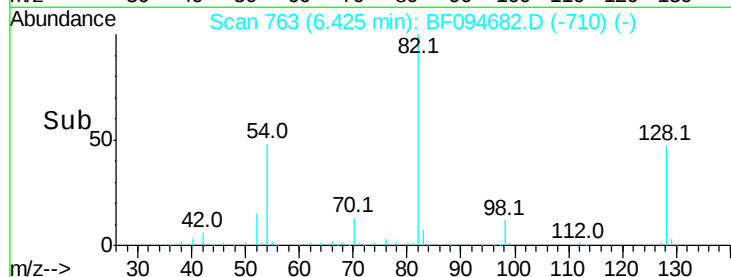
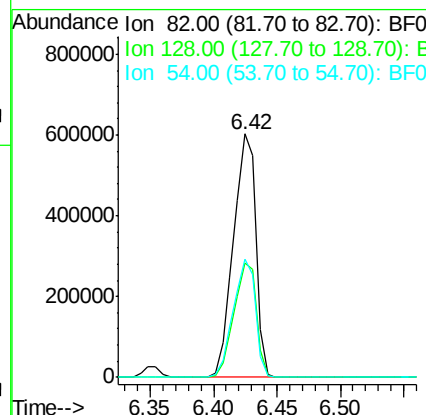
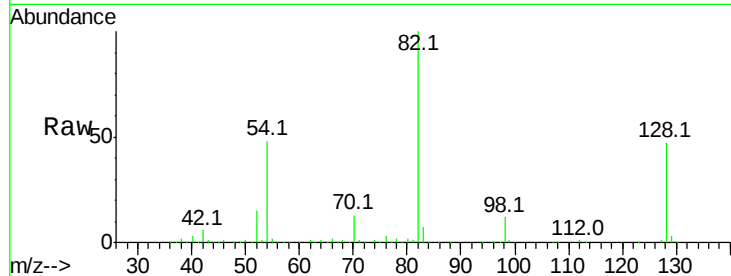




#23
 Nitrobenzene-d5
 Concen: 110.08 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

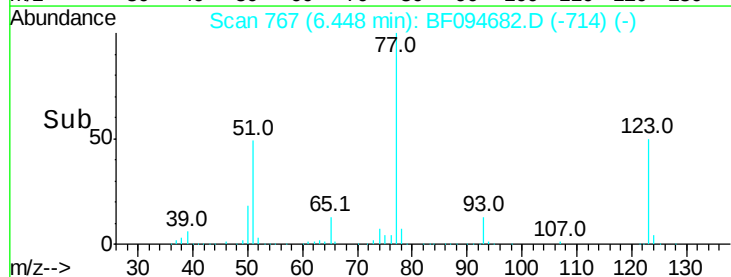
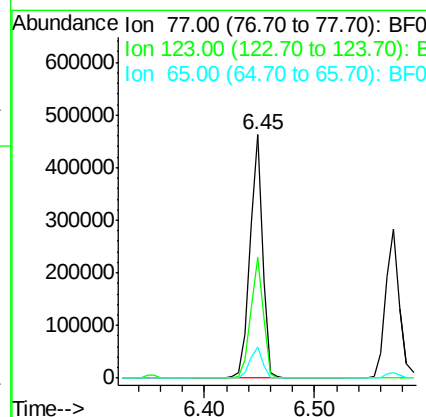
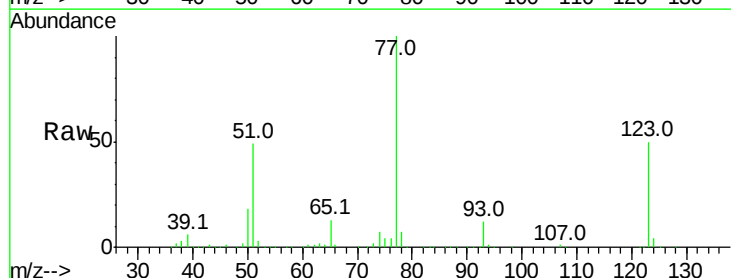
Instrument :
 BNA_F
 ClientSampleId :

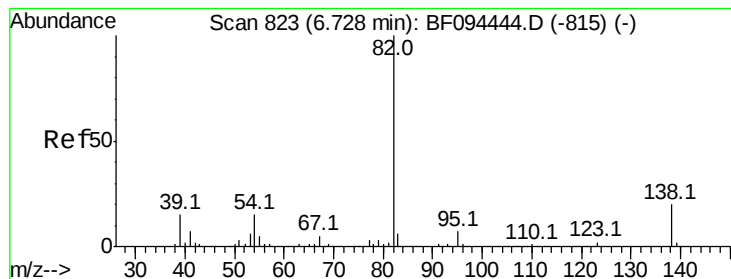
Tot Ion: 82 Resp: 730649
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 48.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 53.50 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion: 77 Resp: 373927
 Ion Ratio Lower Upper
 77 100
 123 49.8 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 54.26 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

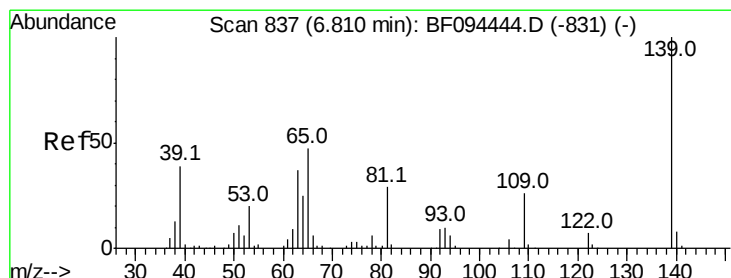
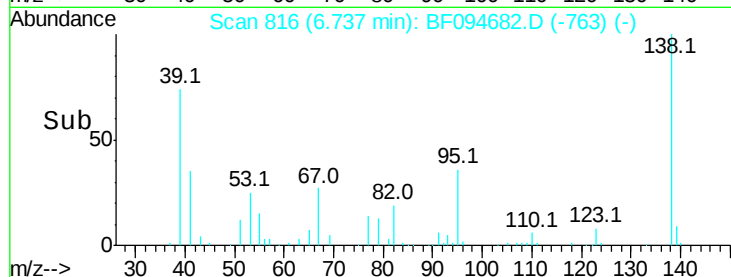
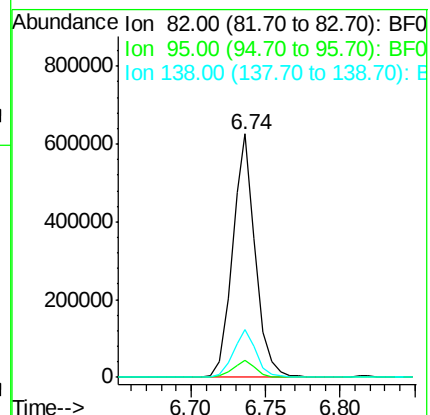
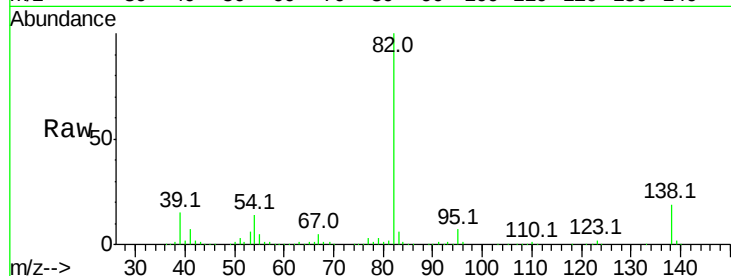
Tot Ion: 82 Resp: 667551

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 56.87 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

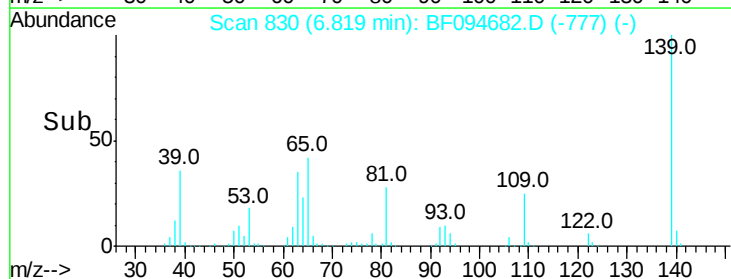
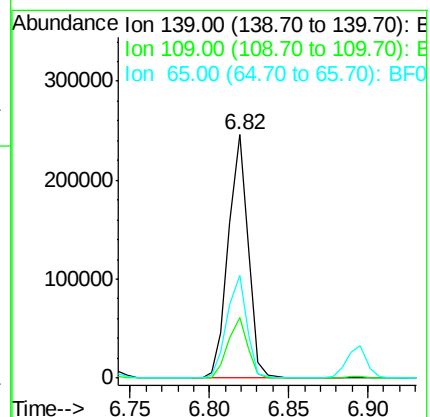
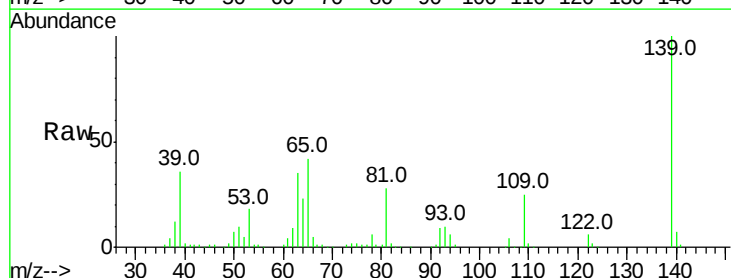
Tgt Ion: 139 Resp: 213537

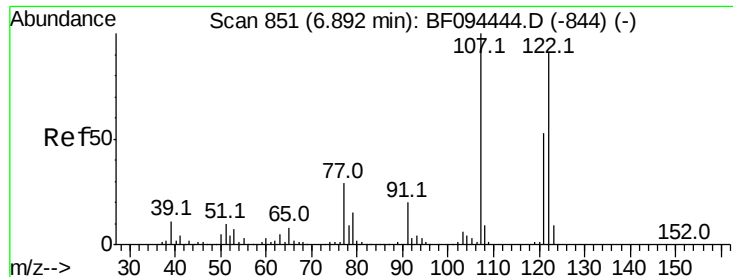
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.6

65 42.4 33.0 49.6

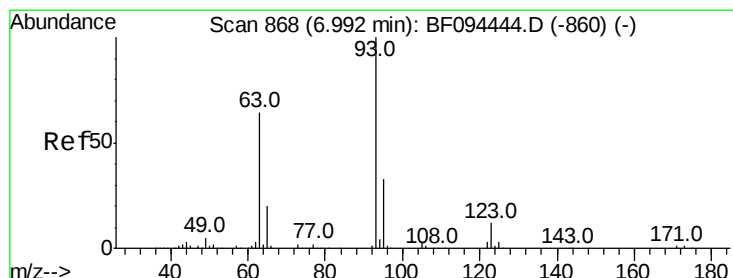
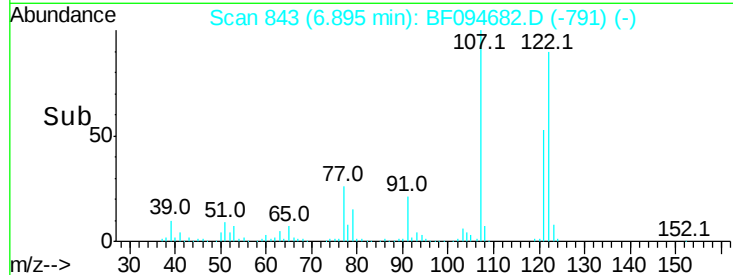
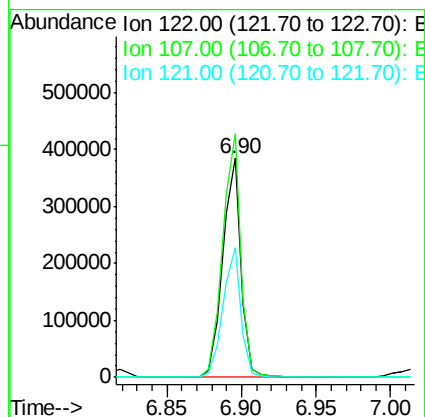
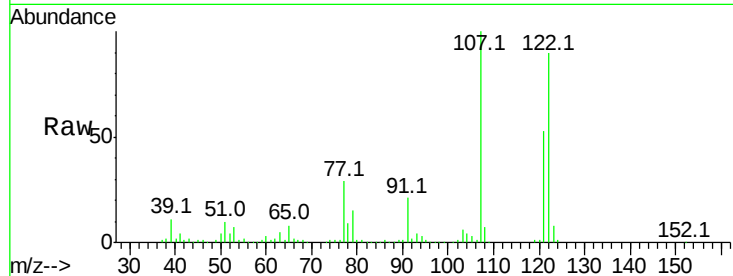




#27
 2,4-Dimethylphenol
 Concen: 54.53 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

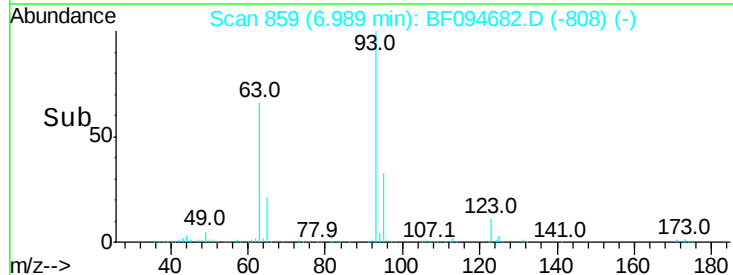
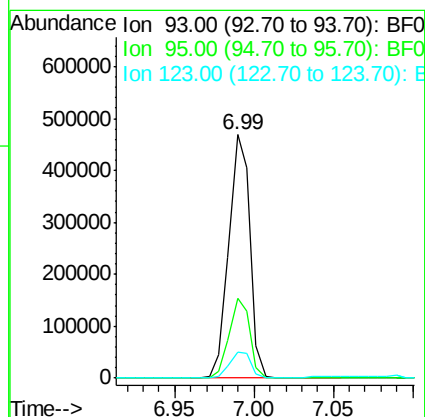
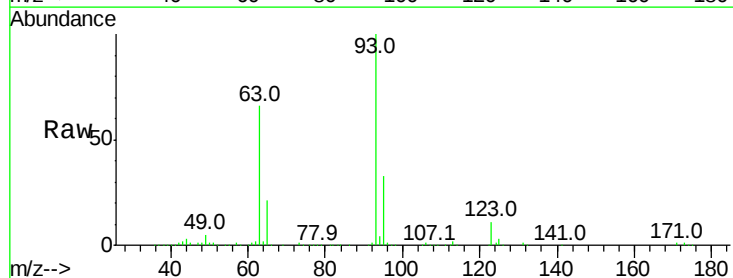
Instrument :
 BNA_F
 ClientSampleId :

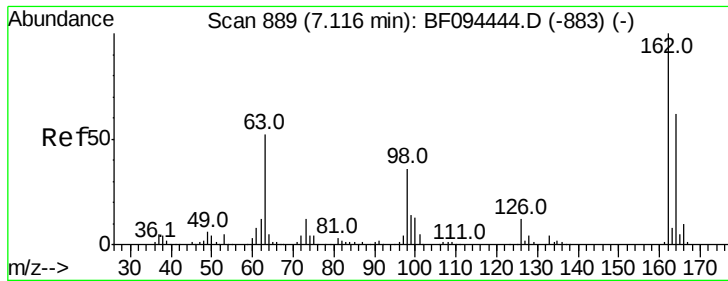
Tot Ion:122 Resp: 332621
 Ion Ratio Lower Upper
 122 100
 107 111.3 89.2 133.8
 121 59.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.45 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion: 93 Resp: 433345
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.9 9.0 13.4

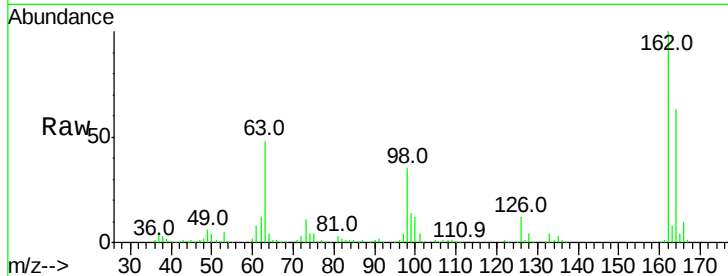




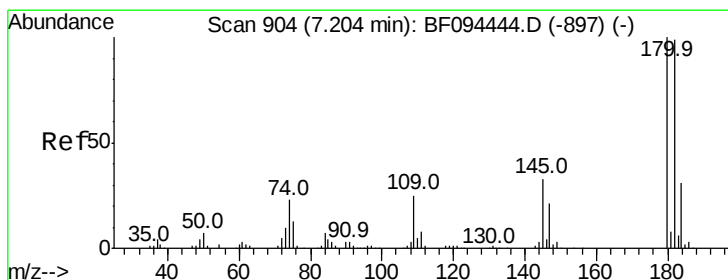
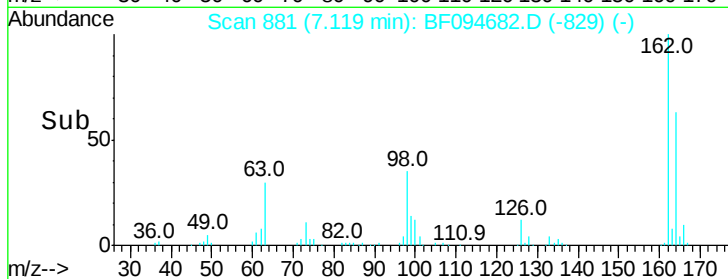
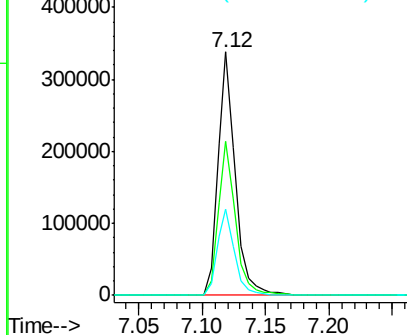
#29
 2,4-Dichlorophenol
 Concen: 57.39 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	35.4	14.8	54.8

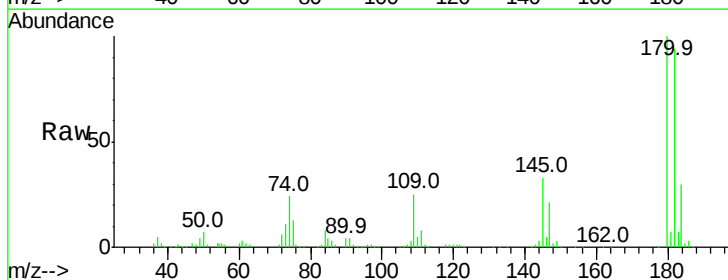


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

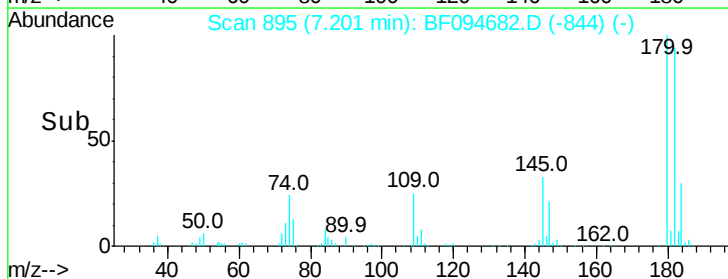
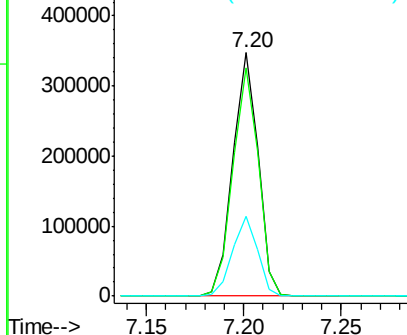


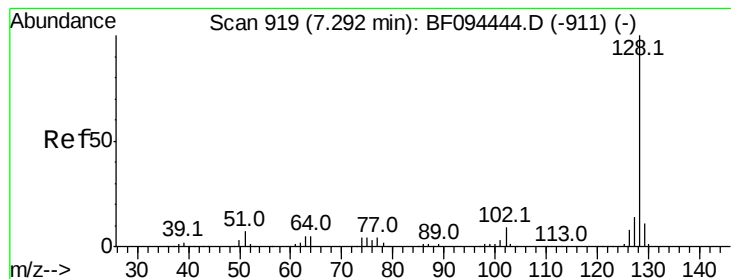
#30
 1,2,4-Trichlorobenzene
 Concen: 53.30 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	32.7	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: 52.70 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampled :

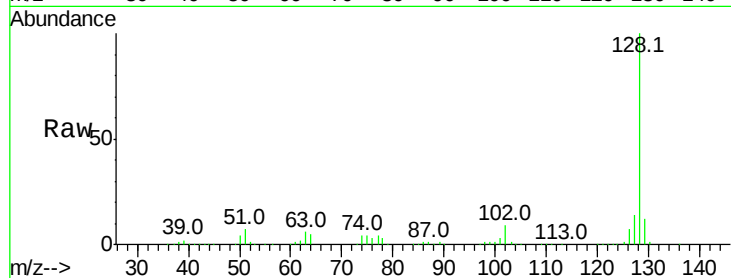
Tot Ion:128 Resp: 1038345

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

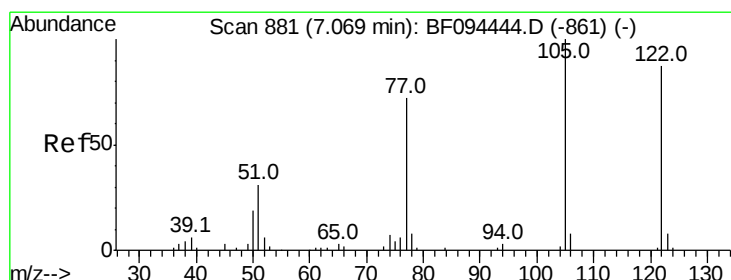
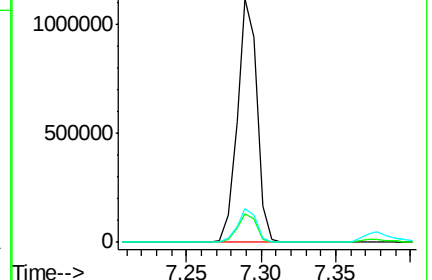
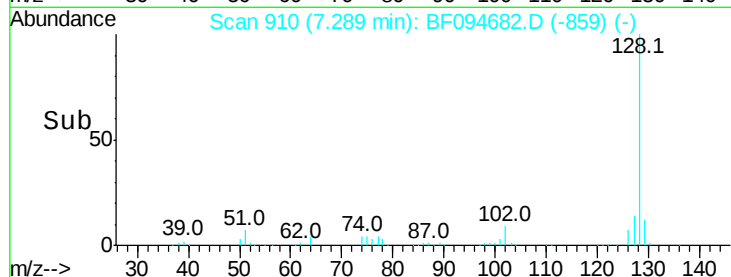
127 13.7 10.8 16.2



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: 58.58 ng

RT: 7.09 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

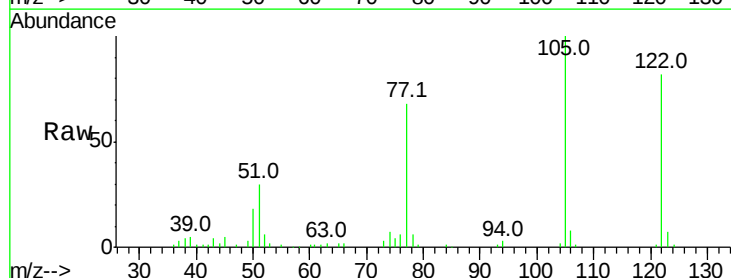
Tgt Ion:122 Resp: 188961

Ion Ratio Lower Upper

122 100

105 122.6 103.3 143.3

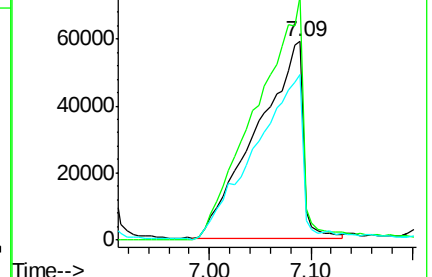
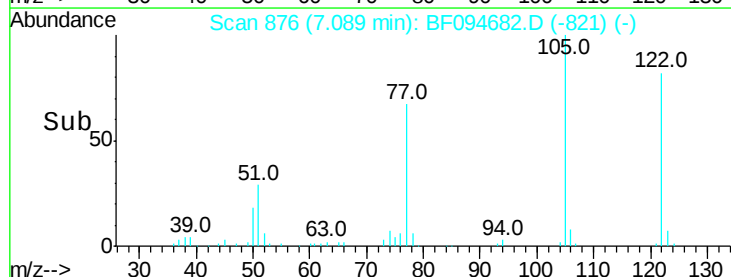
77 83.1 73.7 113.7

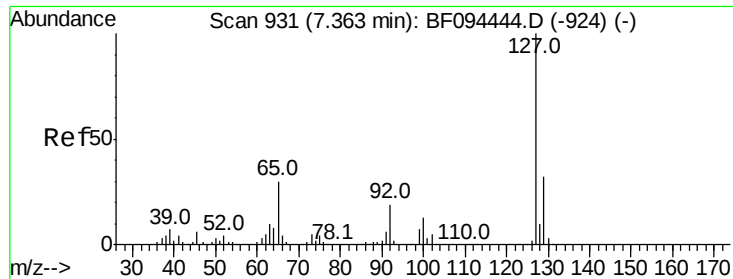


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

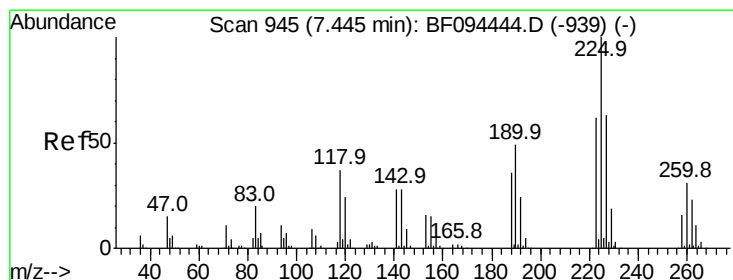
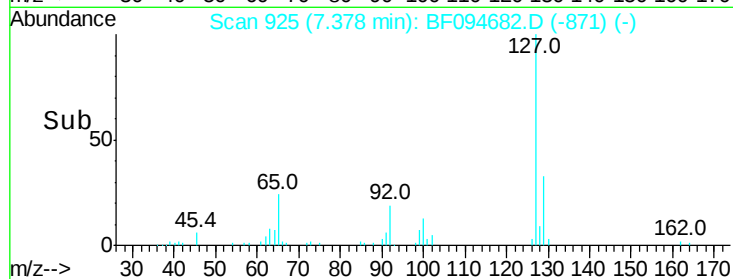
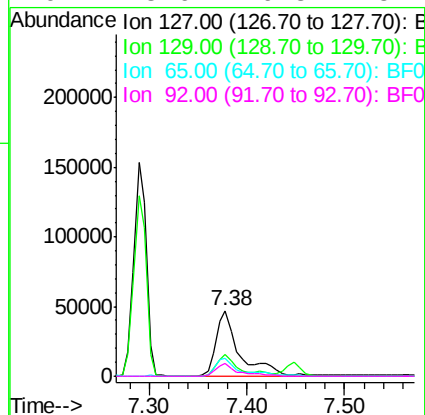
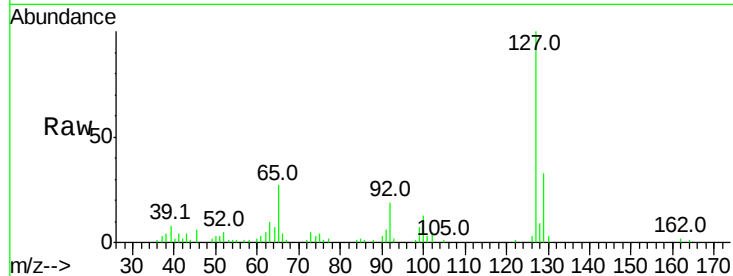




#33
4-Chloroaniline
Concen: 9.85 ng
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

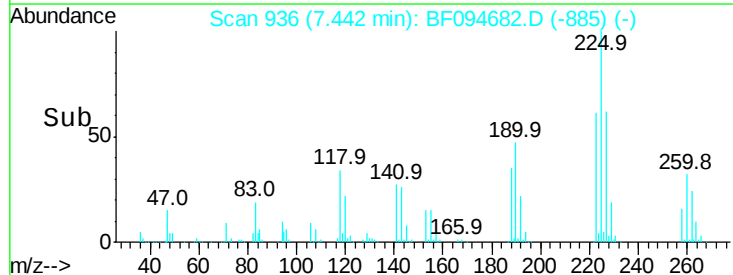
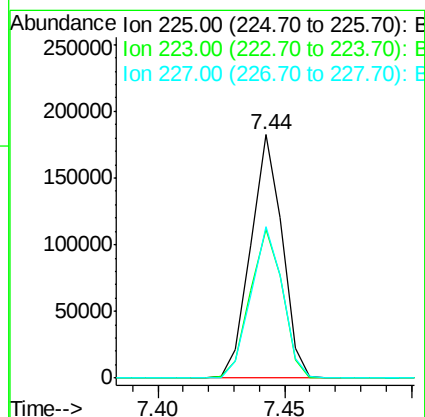
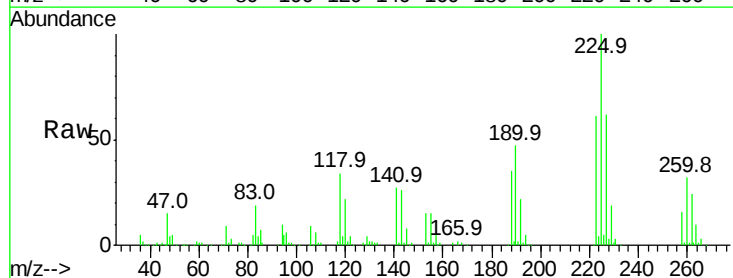
Instrument :
BNA_F
ClientSampled :

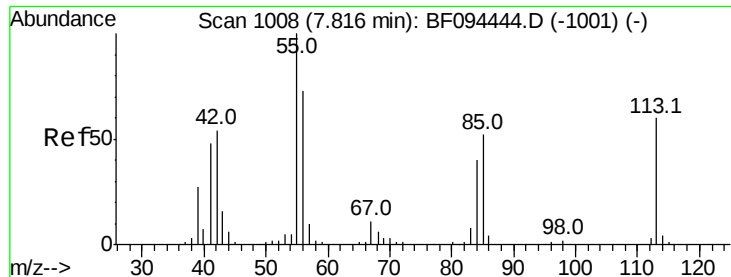
Tot Ion:	127	Resp:	80727
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.1	27.8	41.8#
92	18.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 54.05 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:	225	Resp:	158091
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	62.0	51.1	76.7

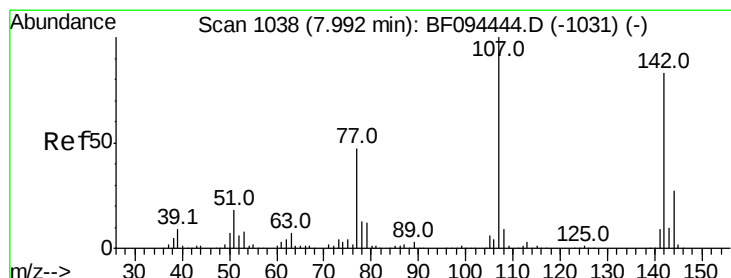
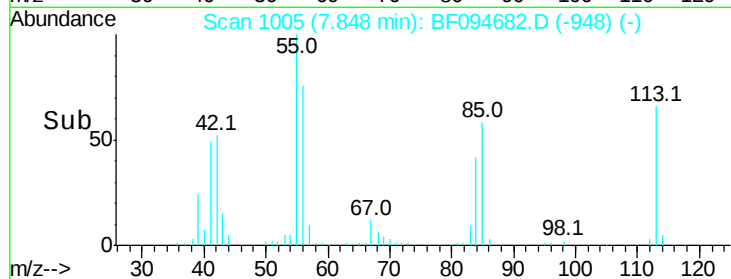
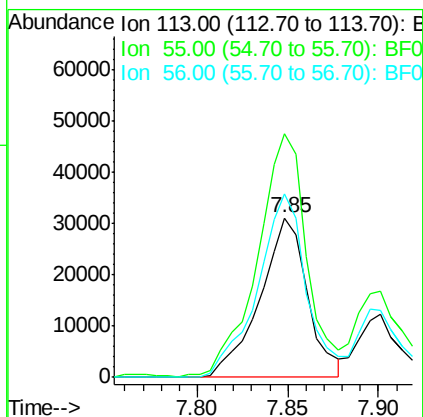
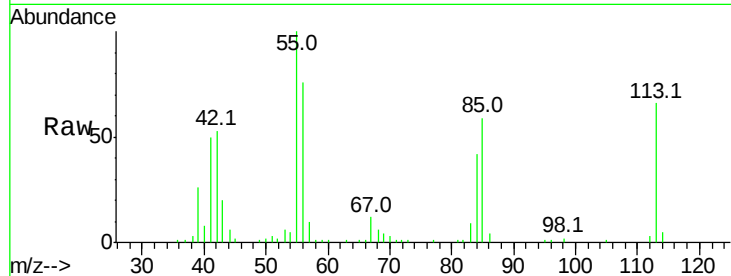




#35
 Caprolactam
 Concen: 31.99 ng
 RT: 7.85 min Scan# 1005
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

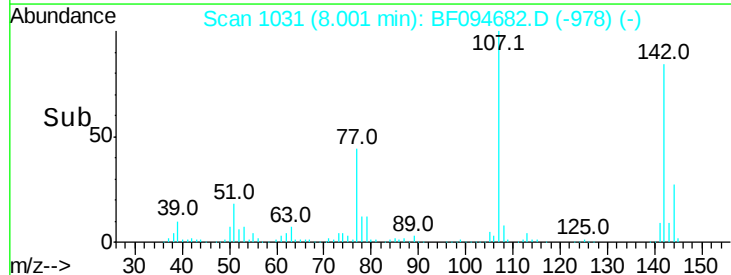
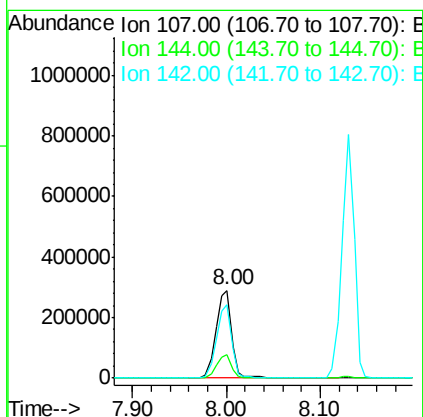
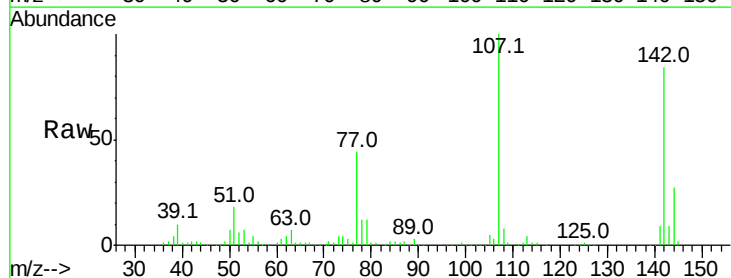
Instrument :
 BNA_F
 ClientSampleId :

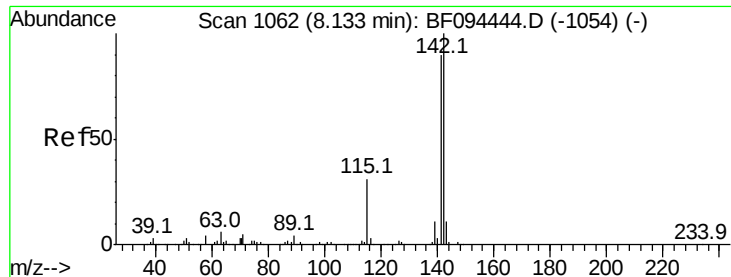
Tot Ion:113 Resp: 57025
 Ion Ratio Lower Upper
 113 100
 55 152.6 150.2 190.2
 56 115.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 56.91 ng
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:107 Resp: 338425
 Ion Ratio Lower Upper
 107 100
 144 27.2 24.2 36.4
 142 84.0 73.4 110.0

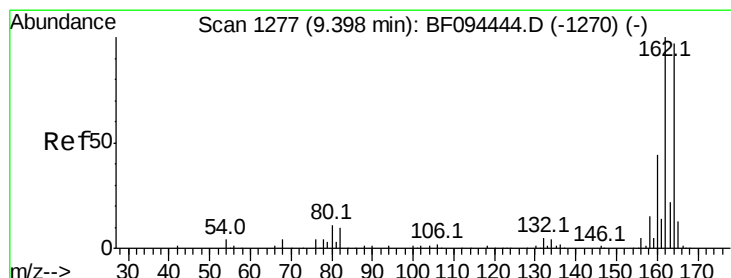
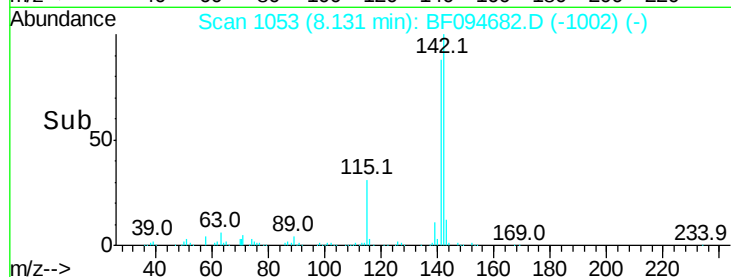
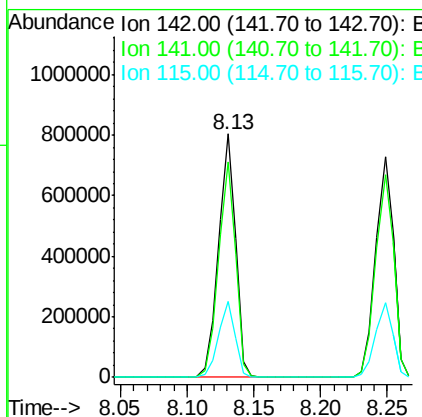
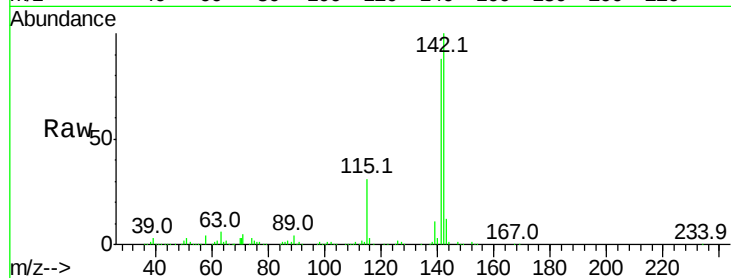




#37
 2-Methylnaphthalene
 Concen: 54.00 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

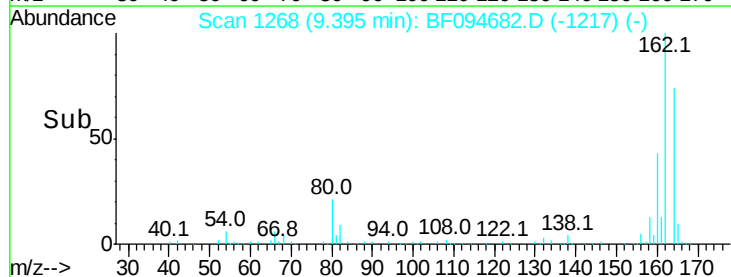
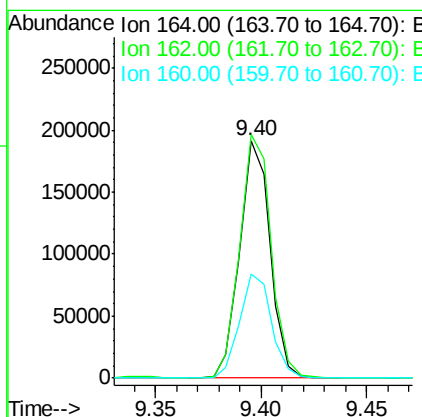
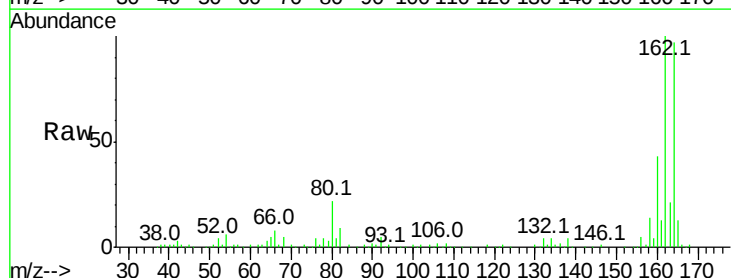
Instrument :
 BNA_F
 ClientSampleId :

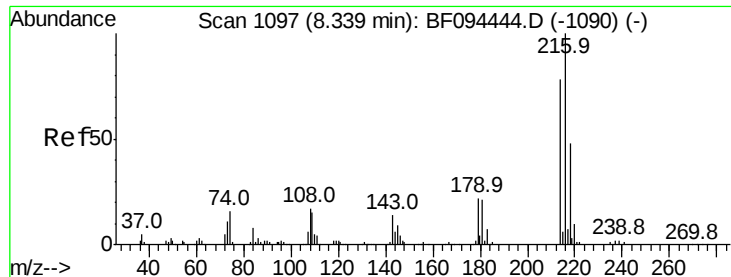
Tot Ion:142 Resp: 727949
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.3 106.9
 115 31.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:164 Resp: 190625
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 44.0 36.2 54.2

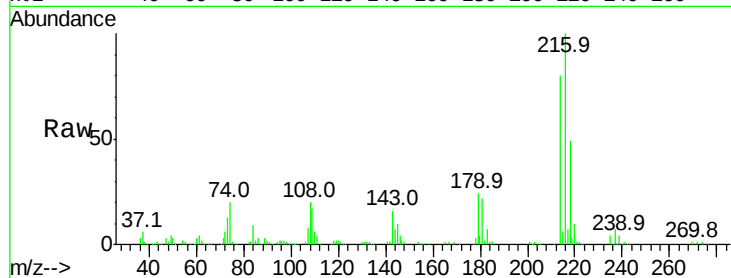




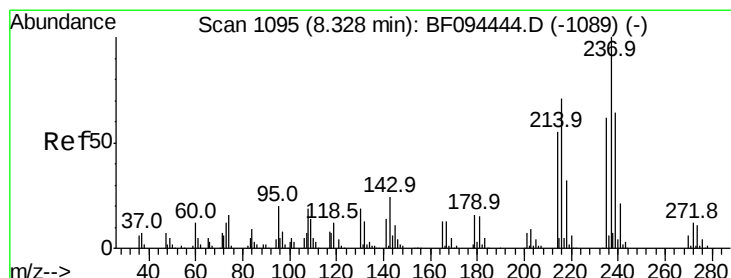
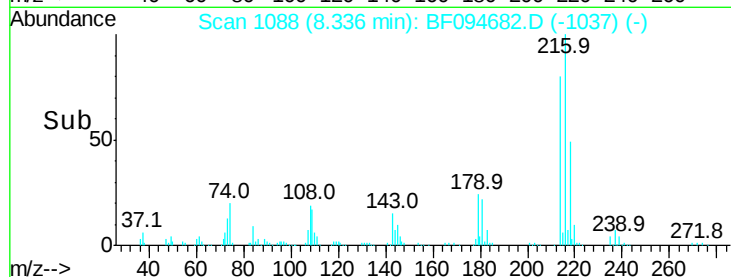
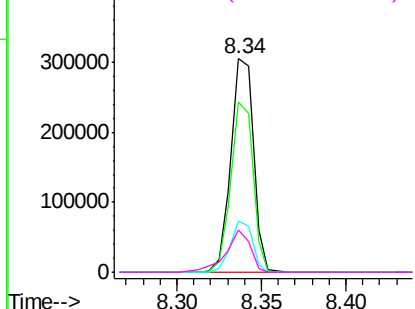
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.17 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	283166
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	23.0	17.9	26.9
108	21.2	16.5	24.7

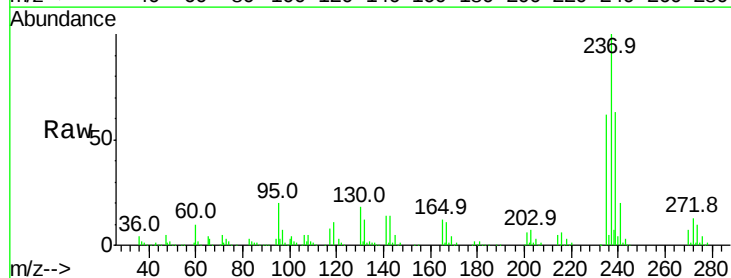


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

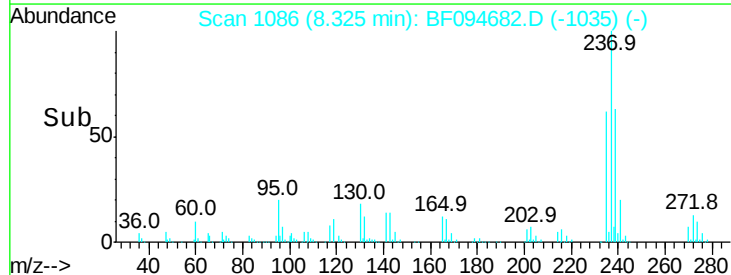
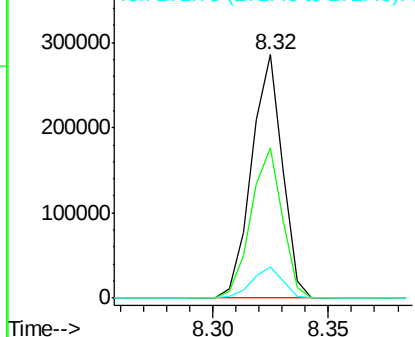


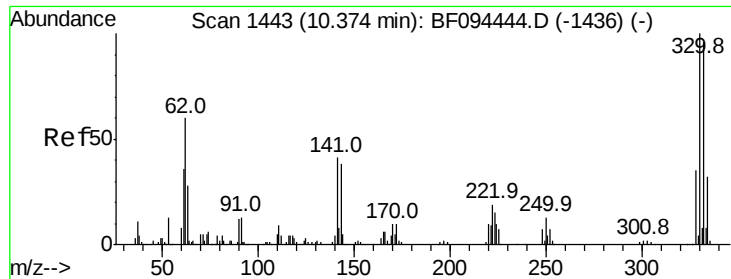
#40
 Hexachlorocyclopentadiene
 Concen: 121.25 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:	237	Resp:	266259
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.6	82.6
272	12.6	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

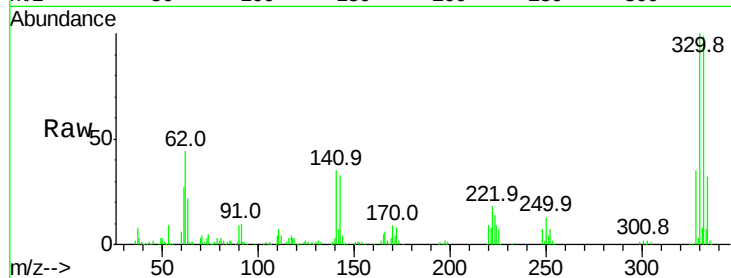




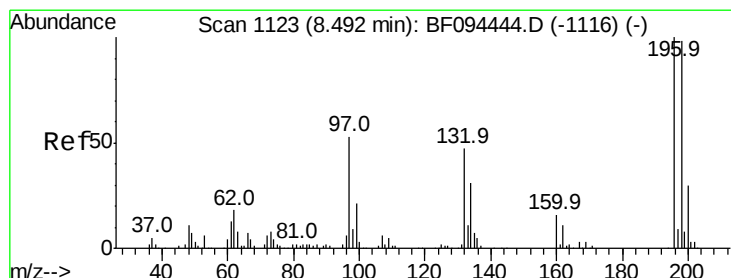
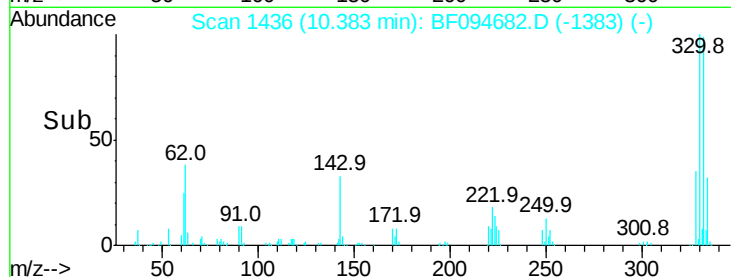
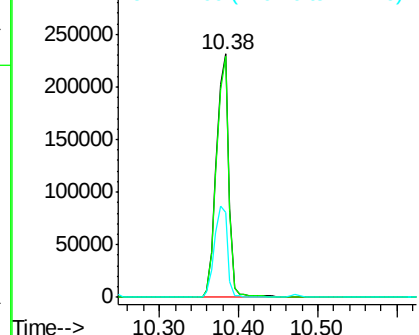
#41
 2,4,6-Tribromophenol
 Concen: 170.24 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 253829
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.4 31.4 47.2

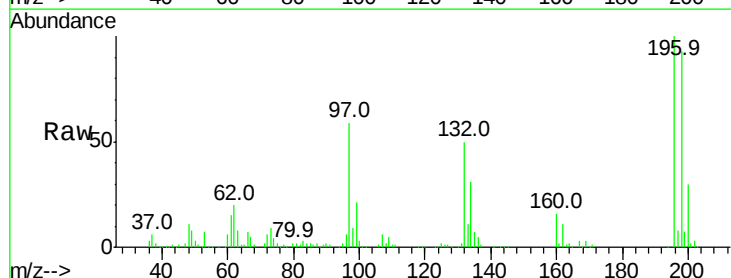


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

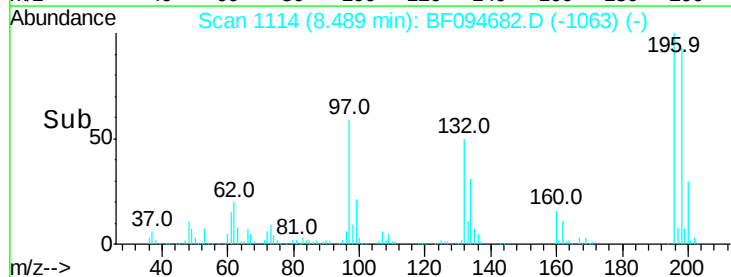
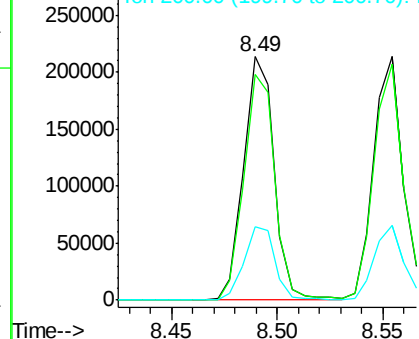


#42
 2,4,6-Trichlorophenol
 Concen: 56.00 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:196 Resp: 213463
 Ion Ratio Lower Upper
 196 100
 198 92.6 74.2 111.4
 200 30.1 24.0 36.0



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

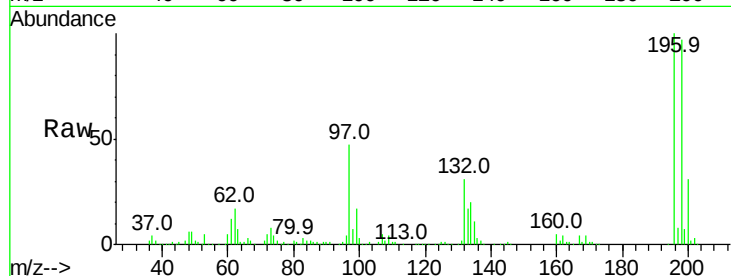




#43
 2,4,5-Trichlorophenol
 Concen: 55.74 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
97	47.2	47.7	71.5#
132	31.3	28.0	42.0



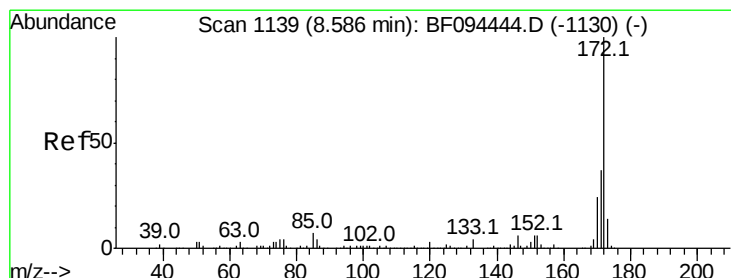
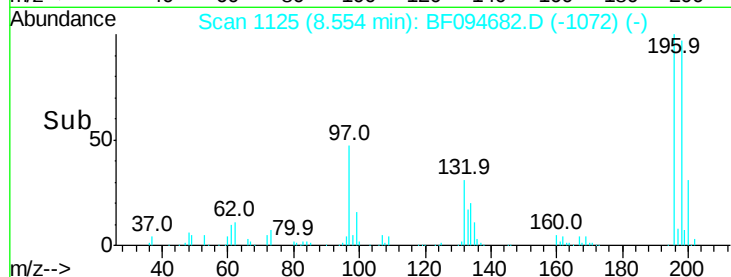
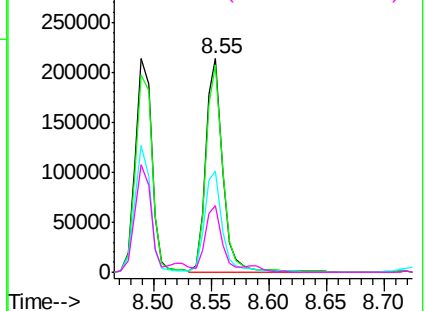
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

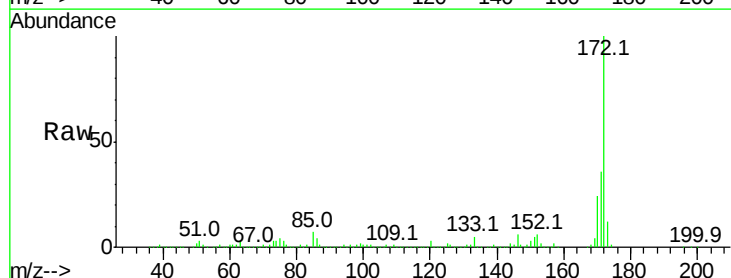
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.30 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.8	19.8	29.8

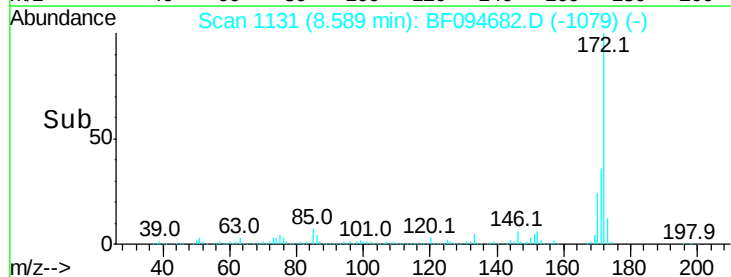
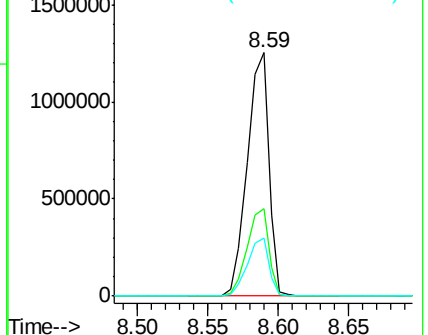


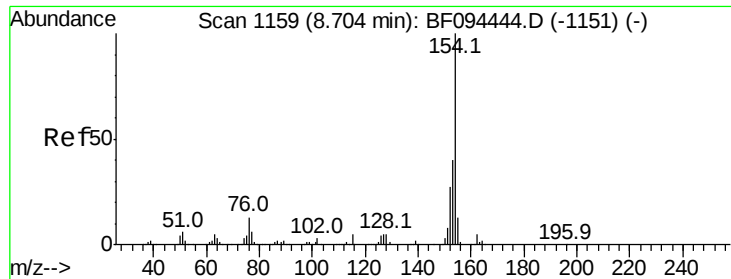
Abundance

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: 53.53 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampled :

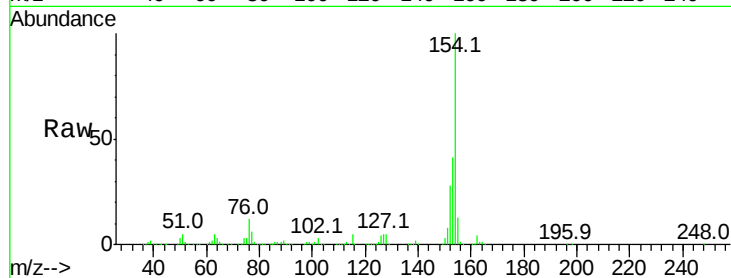
Tot Ion:154 Resp: 833753

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

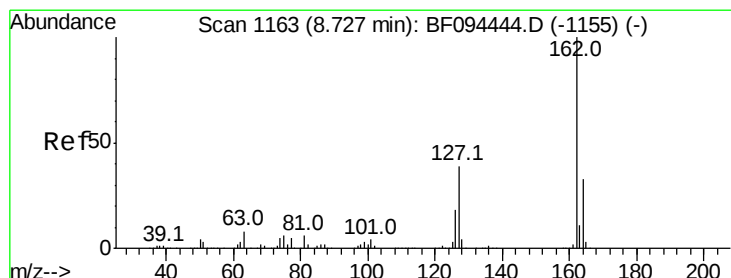
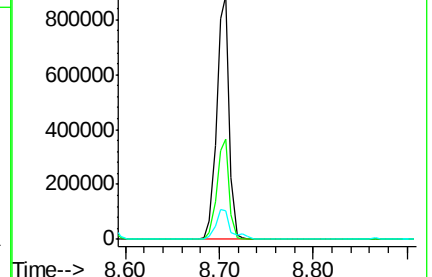
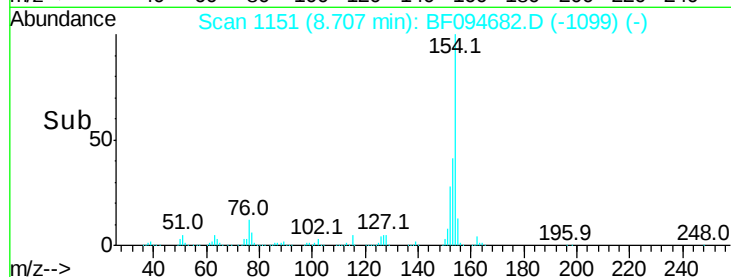
76 11.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 53.56 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

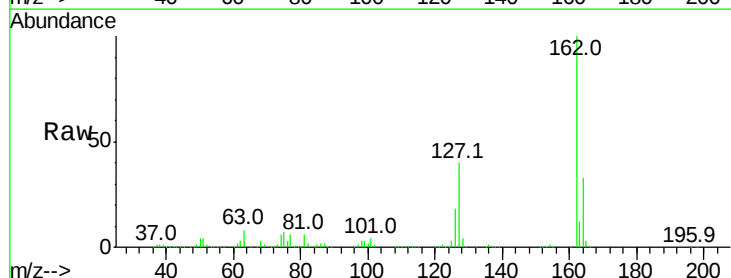
Tgt Ion:162 Resp: 663281

Ion Ratio Lower Upper

162 100

127 40.3 28.3 42.5

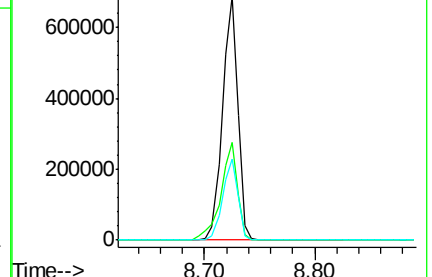
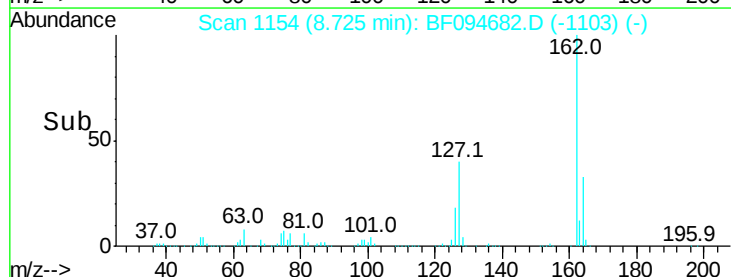
164 33.4 27.0 40.4

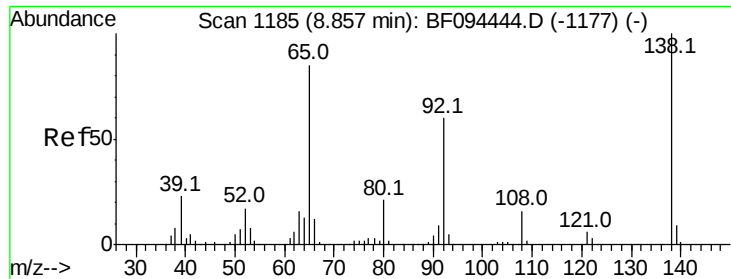


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

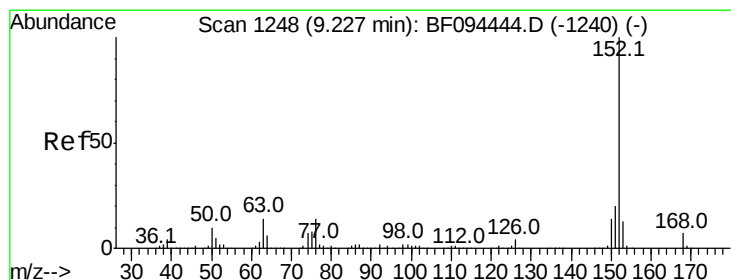
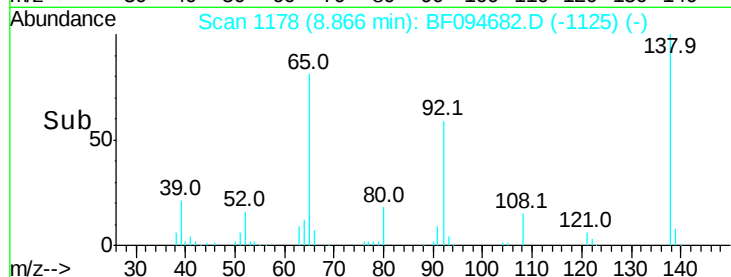
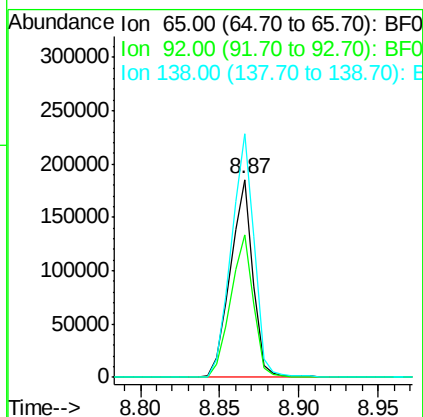
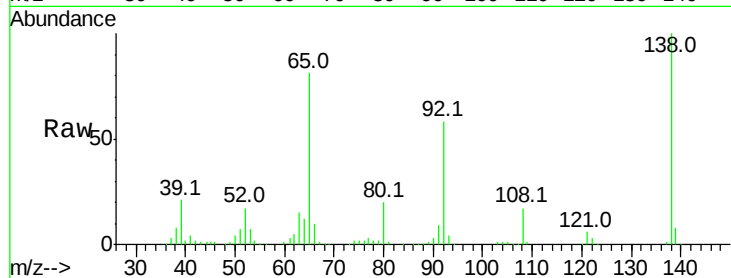




#47
2-Nitroaniline
Concen: 51.66 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

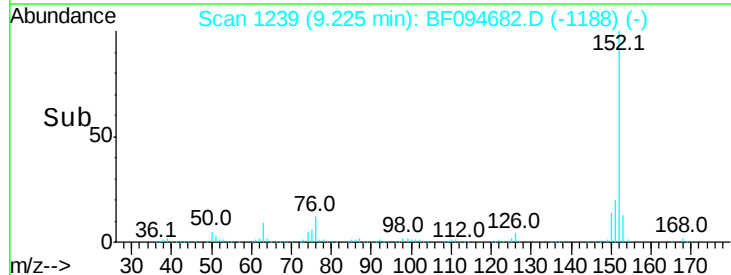
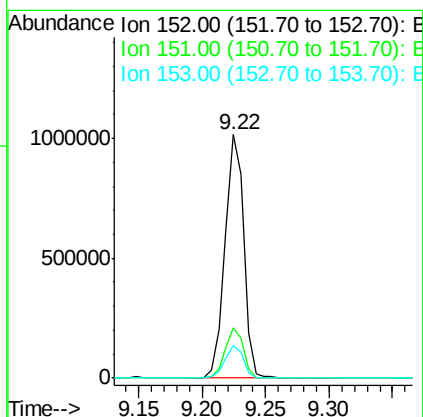
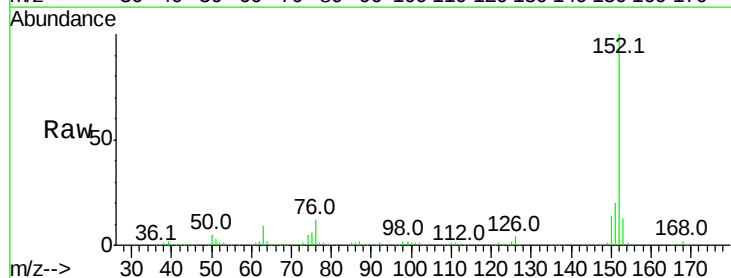
Instrument :
BNA_F
ClientSampleId :

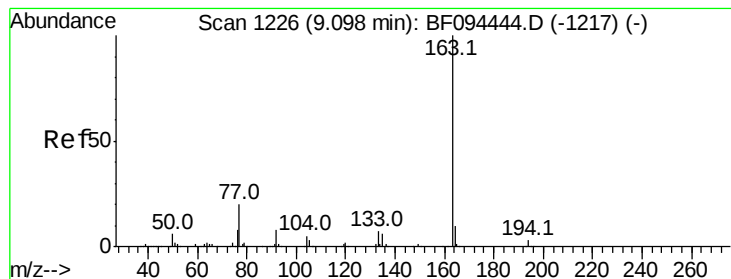
Tot Ion: 65 Resp: 184025
Ion Ratio Lower Upper
65 100
92 71.9 53.9 80.9
138 123.0 78.8 118.2#



#48
Acenaphthylene
Concen: 53.81 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:152 Resp: 1038748
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 56.86 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

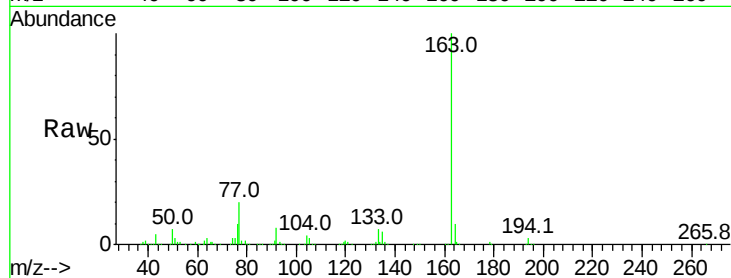
Tot Ion:163 Resp: 807726

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

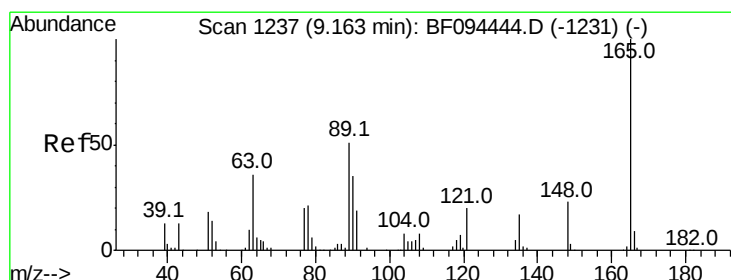
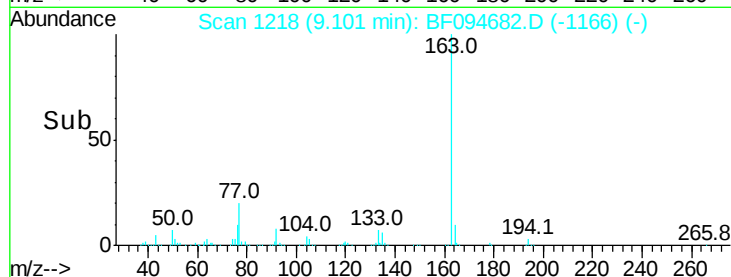
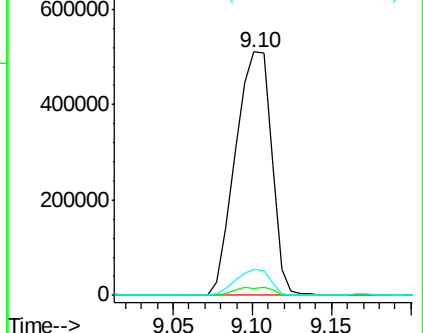
164 10.4 8.4 12.6



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: 55.60 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

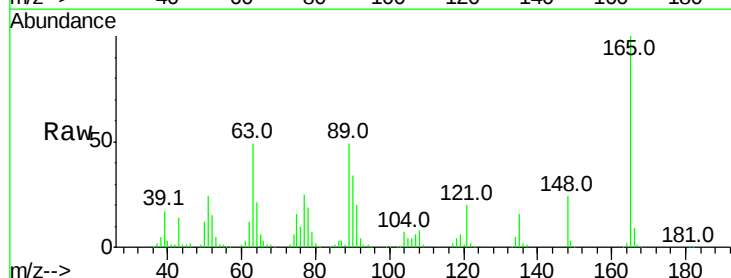
Tgt Ion:165 Resp: 177286

Ion Ratio Lower Upper

165 100

63 48.7 34.3 51.5

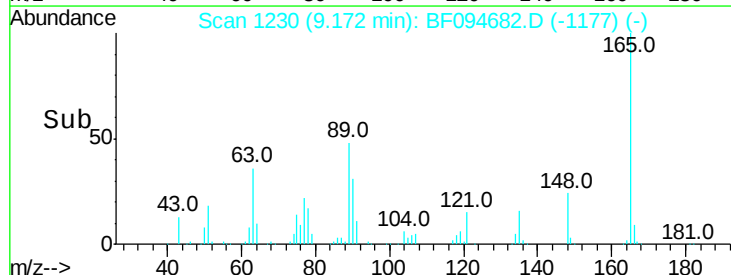
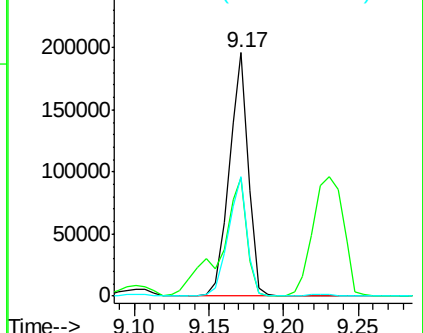
89 48.9 37.1 55.7

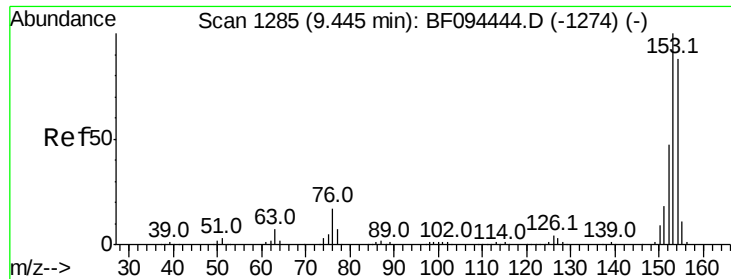


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.10 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampled :

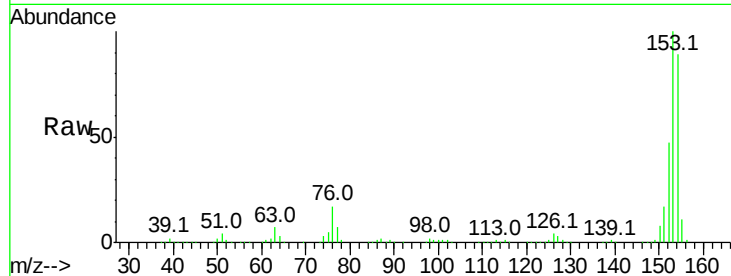
Tot Ion:154 Resp: 614036

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

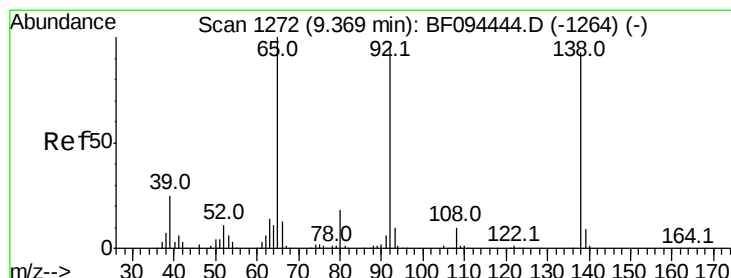
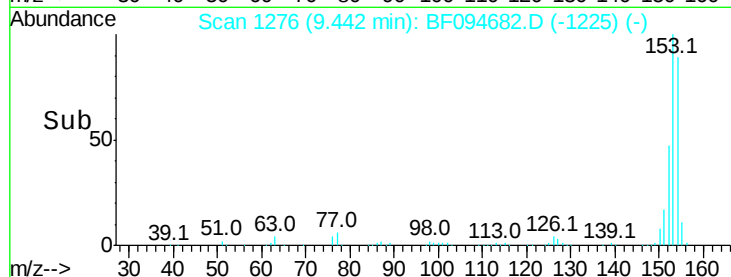
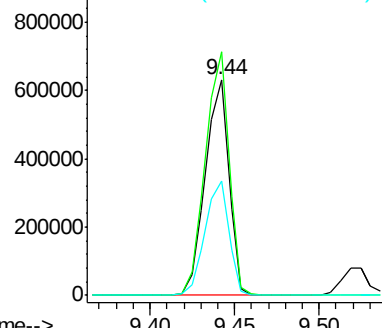
152 53.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.88 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

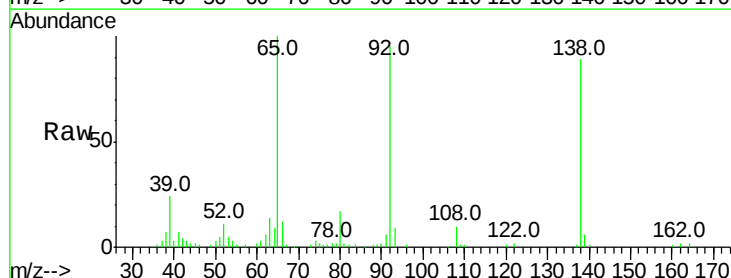
Tgt Ion:138 Resp: 69668

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

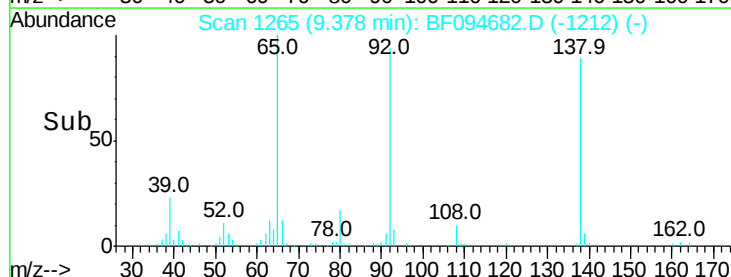
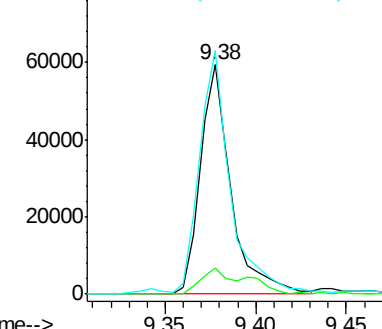
92 106.2 93.8 140.6

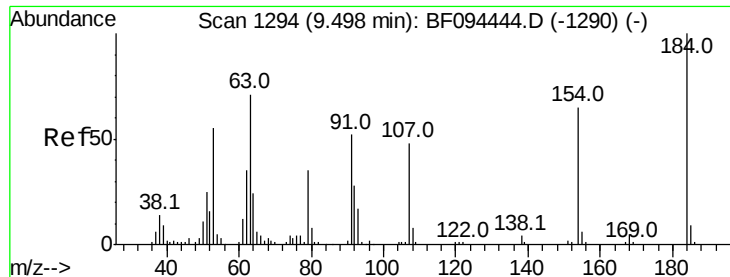


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

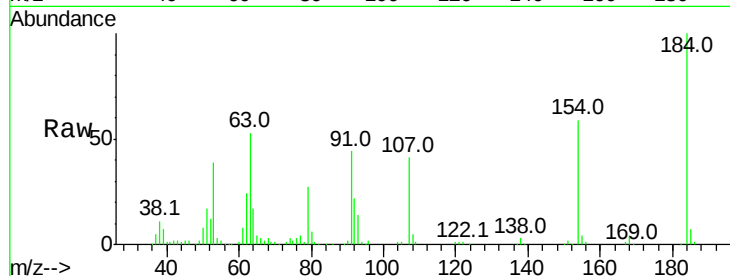




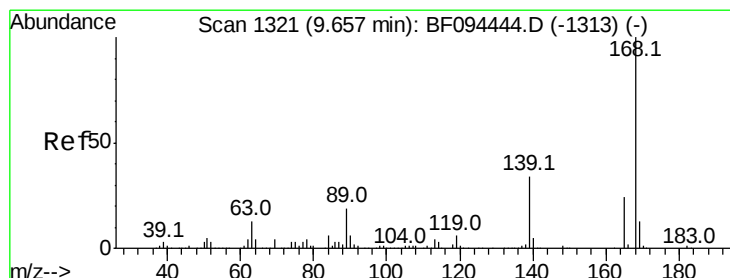
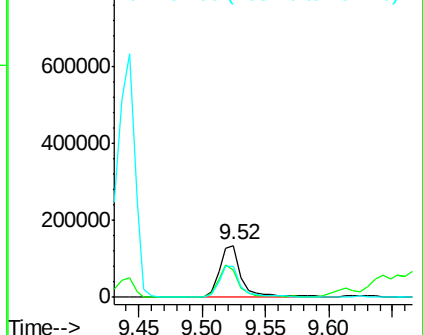
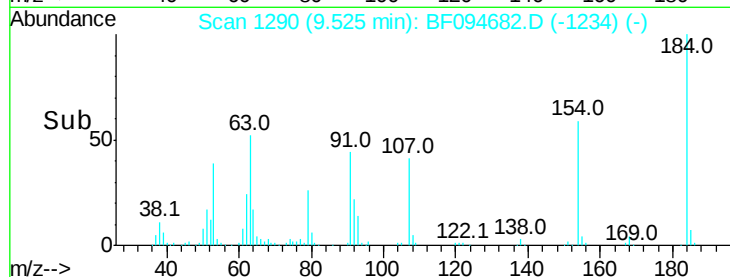
#53
 2,4-Dinitrophenol
 Concen: 95.32 ng
 RT: 9.52 min Scan# 1290
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 166990
 Ion Ratio Lower Upper
 184 100
 63 52.5 62.7 94.1#
 154 58.8 81.1 121.7#

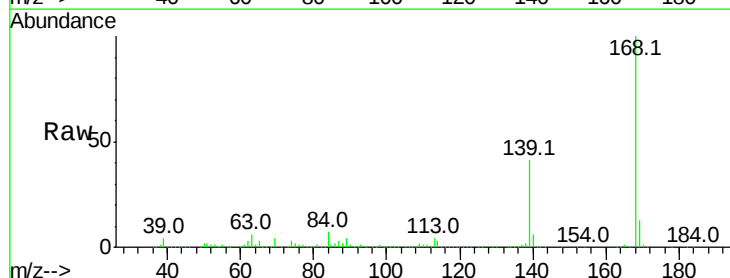


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

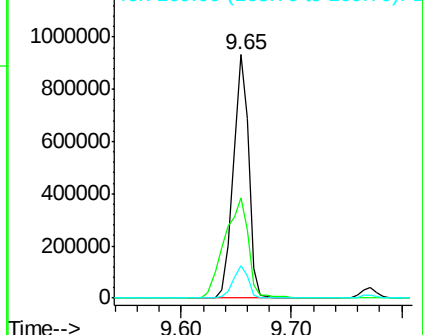
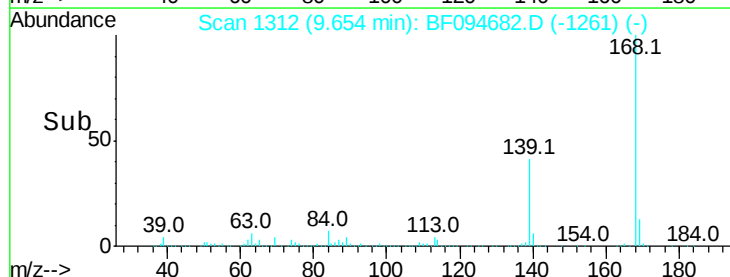


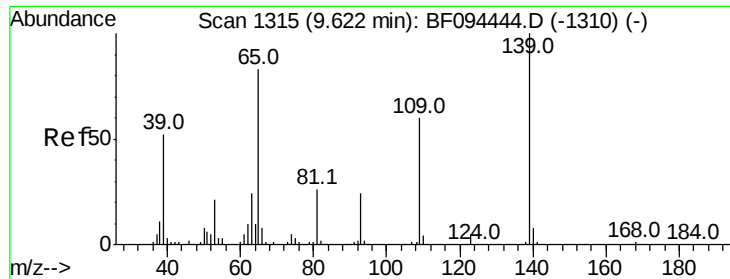
#54
 Dibenzofuran
 Concen: 54.15 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:168 Resp: 910093
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.6 45.8
 169 13.4 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: 226.19 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.03 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

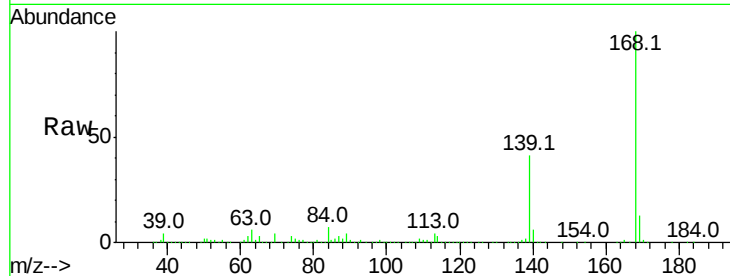
Tot Ion:139 Resp: 589515

Ion Ratio Lower Upper

139 100

109 6.0 34.1 74.1#

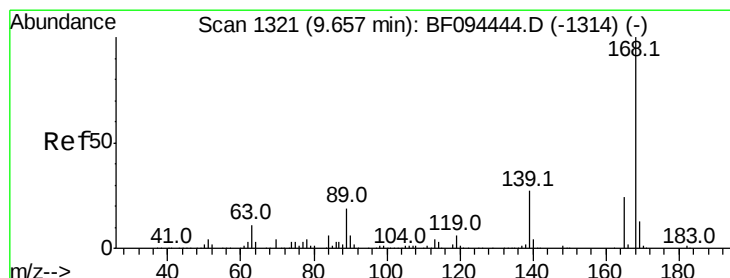
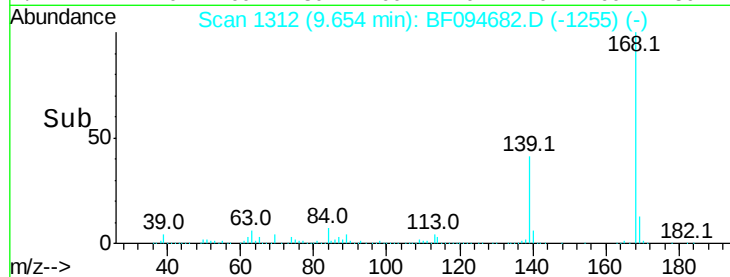
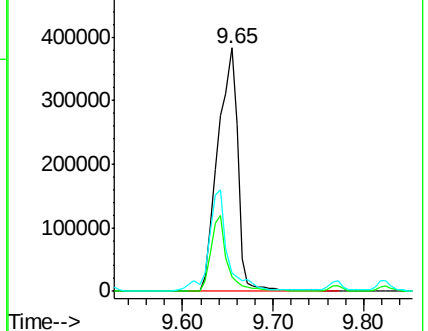
65 7.7 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 60.40 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:165 Resp: 236307

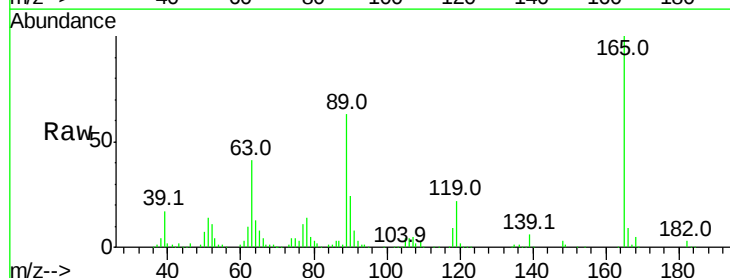
Ion Ratio Lower Upper

165 100

63 41.1 25.4 38.0#

89 63.2 46.4 69.6

182 2.7 1.8 2.6#

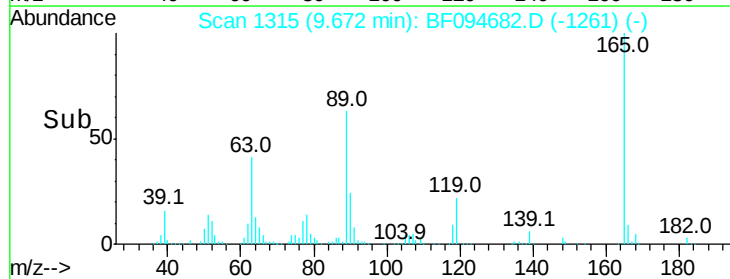
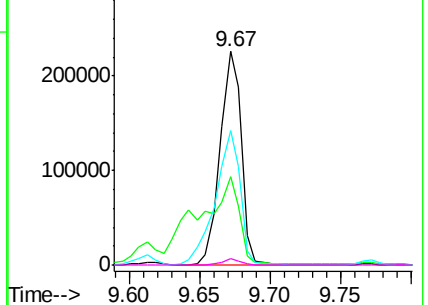


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

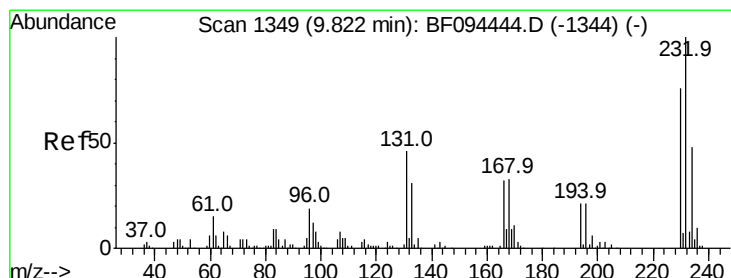
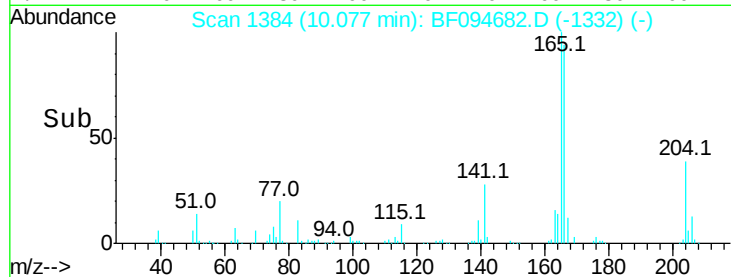
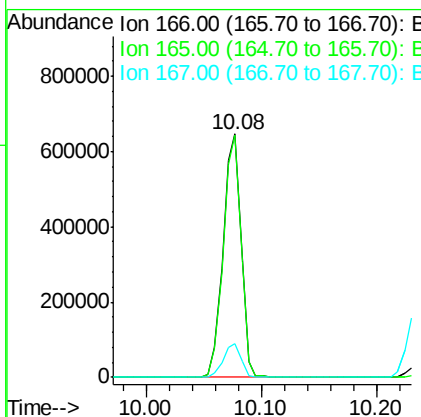
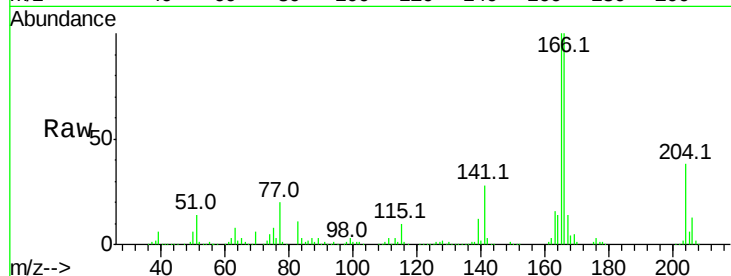




#57
Fluorene
 Concen: 53.21 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

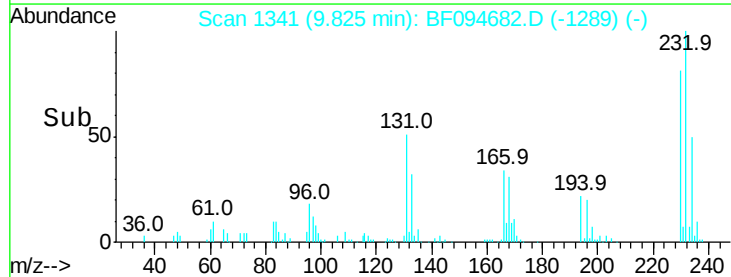
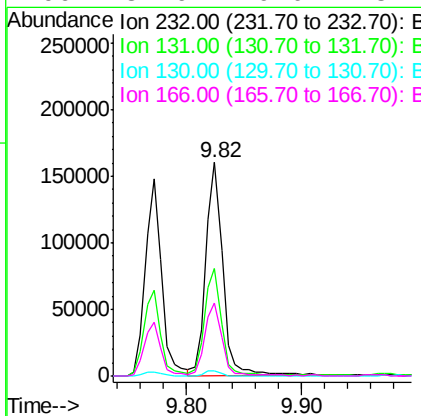
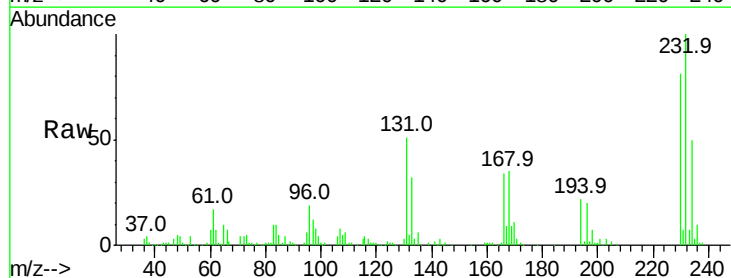
Instrument :
 BNA_F
 ClientSampleId :

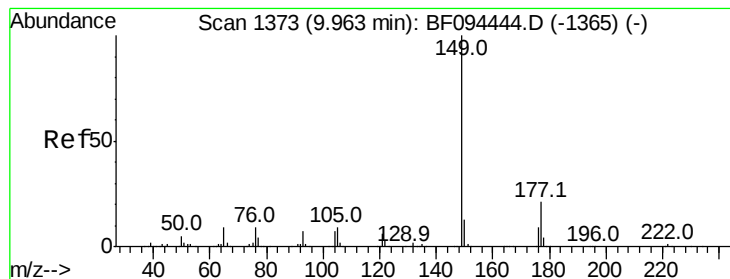
Tot Ion:166 Resp: 696308
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 13.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 58.37 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:232 Resp: 163779
 Ion Ratio Lower Upper
 232 100
 131 50.0 44.8 67.2
 130 2.4 2.3 3.5
 166 34.6 29.0 43.4





#59

Diethylphthalate

Concen: 56.21 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

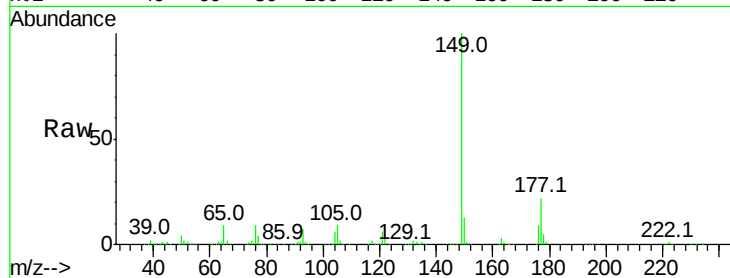
Tot Ion:149 Resp: 753434

Ion Ratio Lower Upper

149 100

177 22.0 16.7 25.1

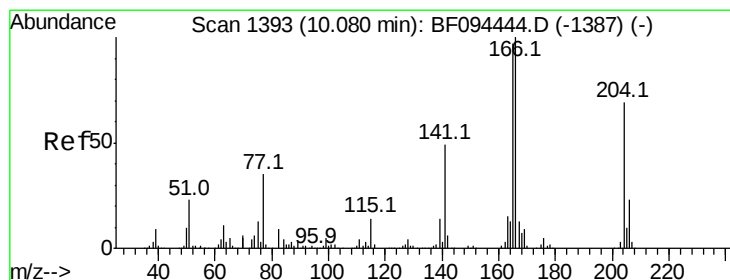
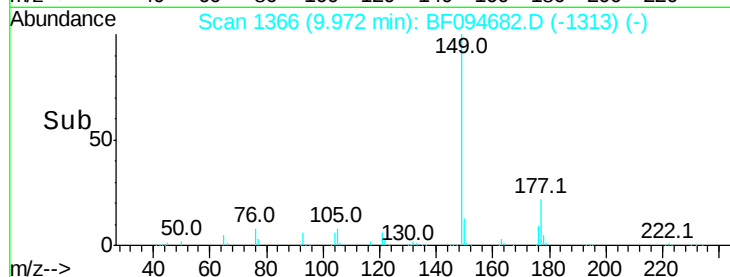
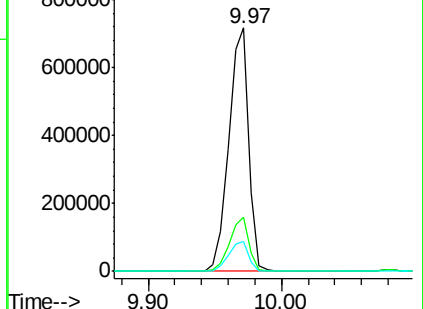
150 12.5 10.2 15.2



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: 55.26 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

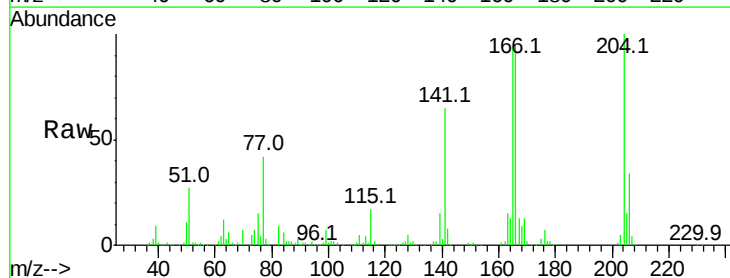
Tgt Ion:204 Resp: 300969

Ion Ratio Lower Upper

204 100

206 33.9 26.2 39.2

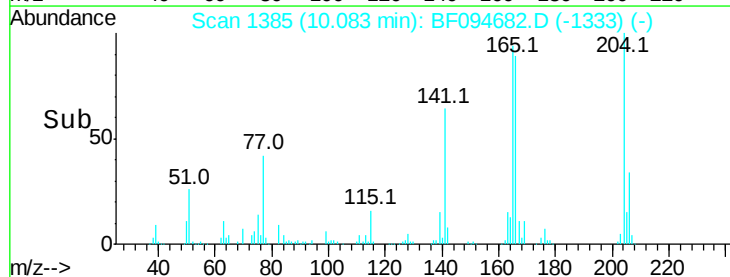
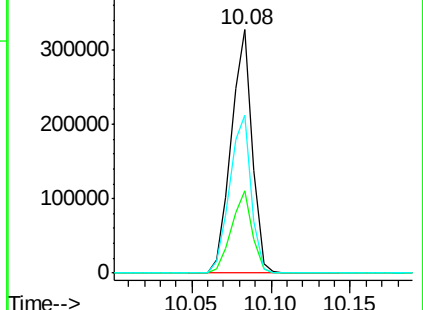
141 64.8 60.8 91.2

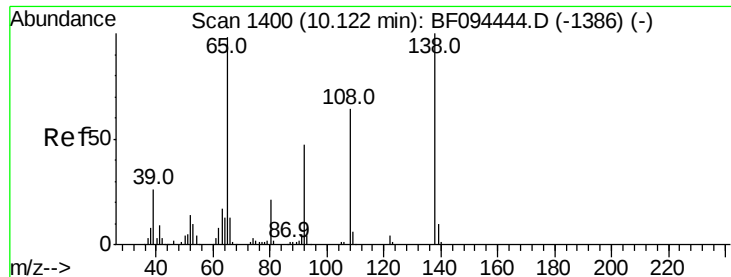


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

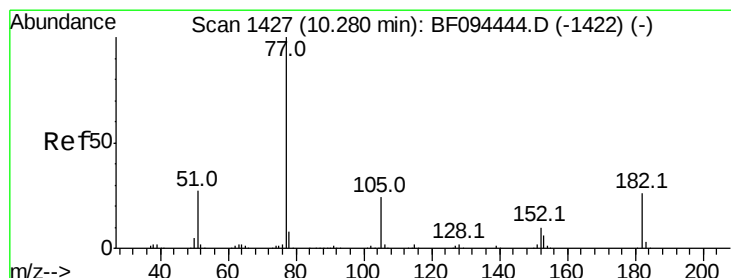
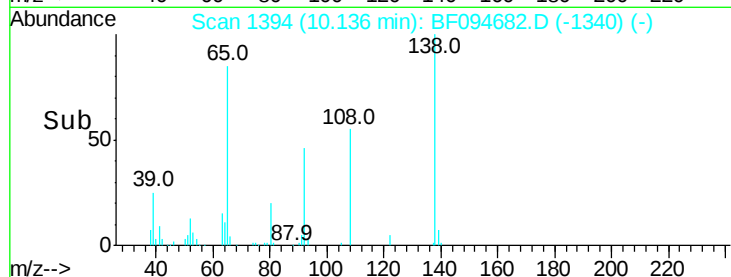
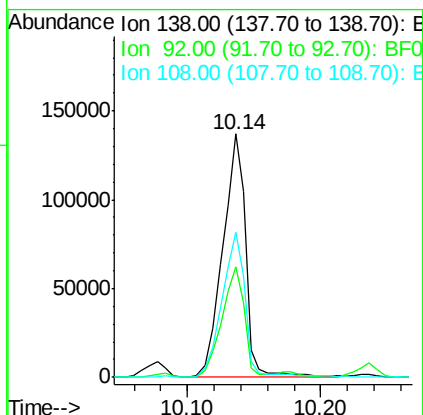
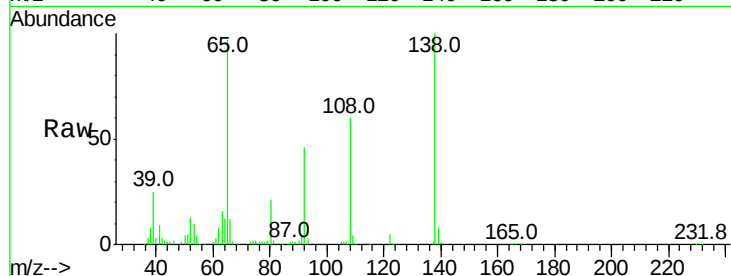




#61
4-Nitroaniline
Concen: 44.44 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

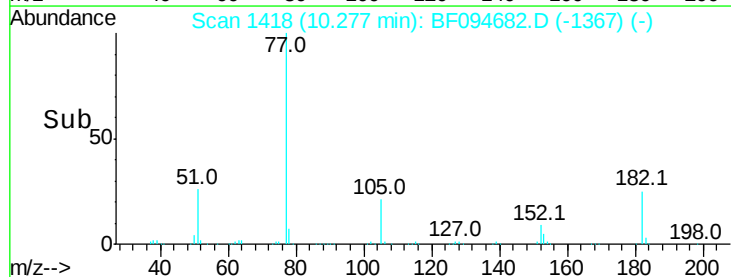
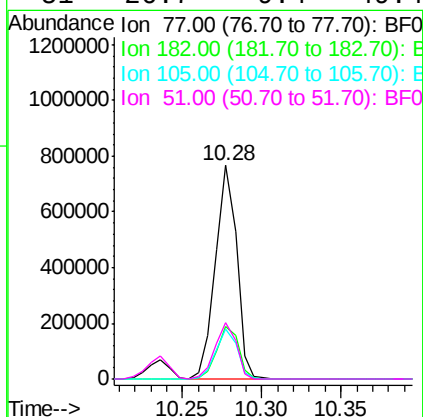
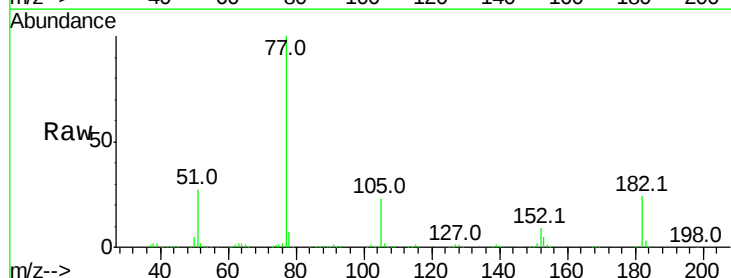
Instrument :
BNA_F
ClientSampleId :

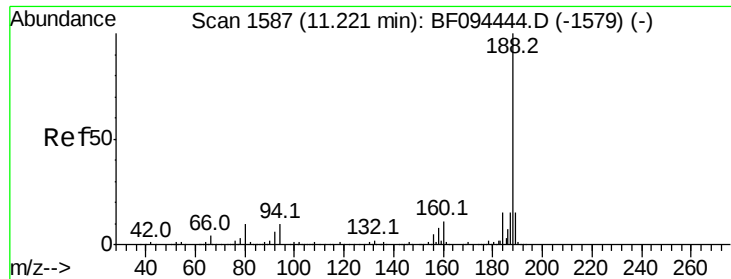
Tot Ion:138 Resp: 166664
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 59.6 42.3 82.3



#62
Azobenzene
Concen: 54.99 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion: 77 Resp: 715634
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 23.3 3.6 43.6
51 26.7 9.4 49.4

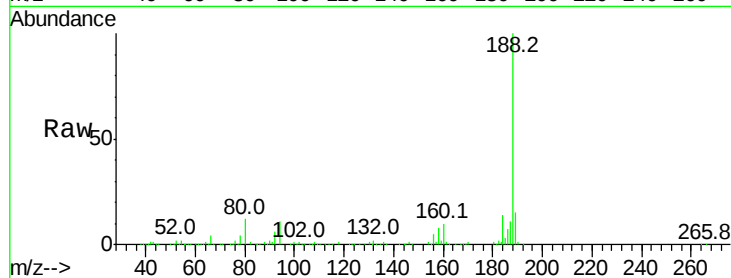




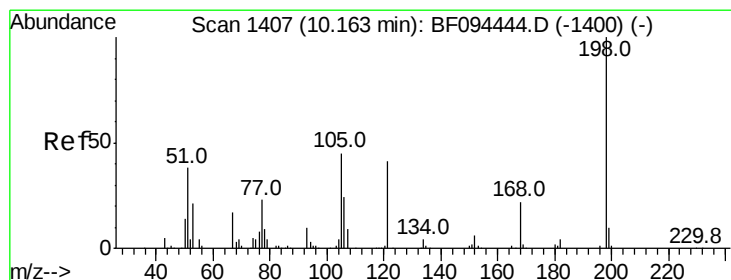
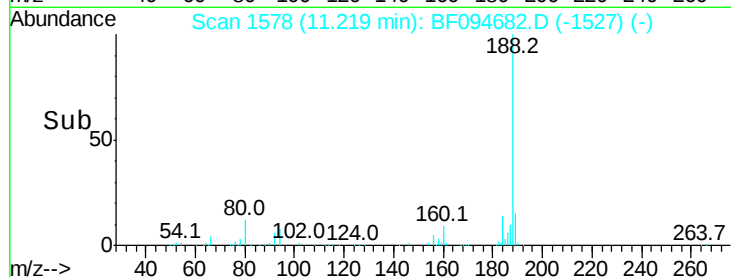
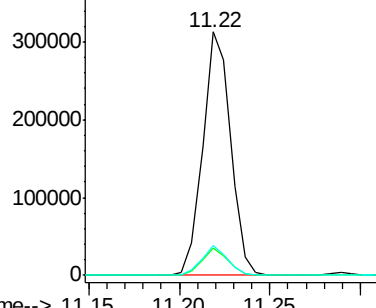
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 333954
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.2 10.2 15.2

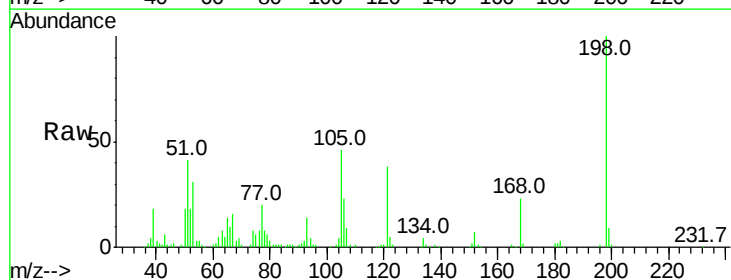


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

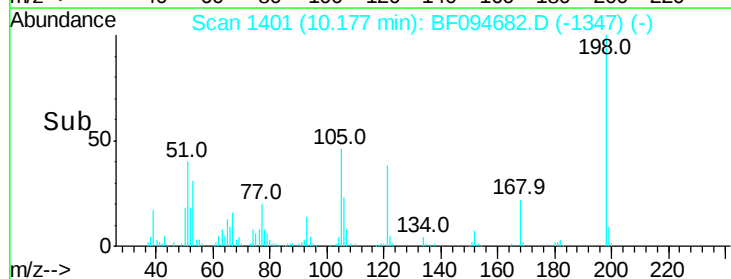
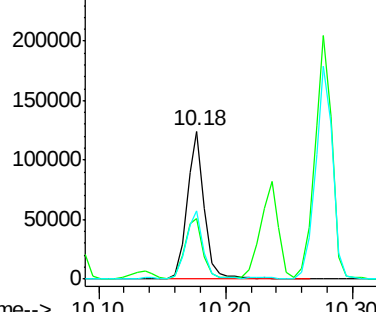


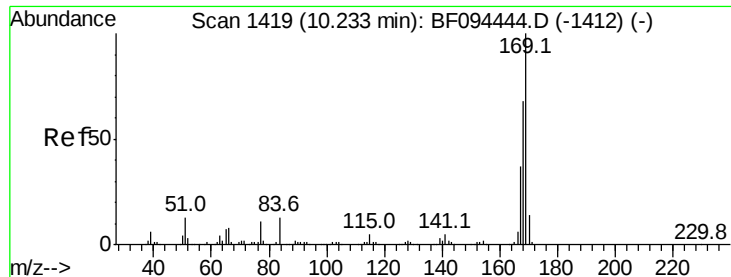
#64
4,6-Dinitro-2-methylphenol
Concen: 54.50 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:198 Resp: 119248
Ion Ratio Lower Upper
198 100
51 40.7 53.2 93.2#
105 46.0 45.8 85.8



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

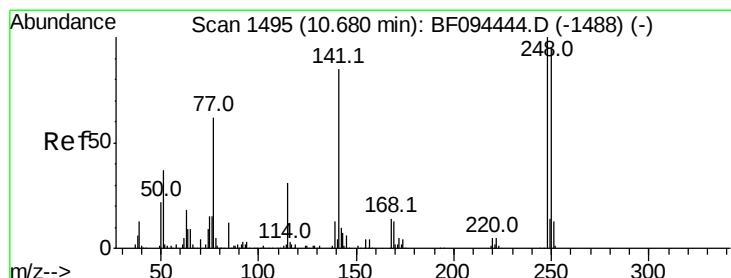
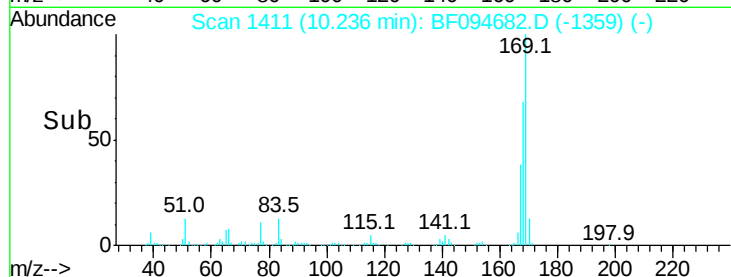
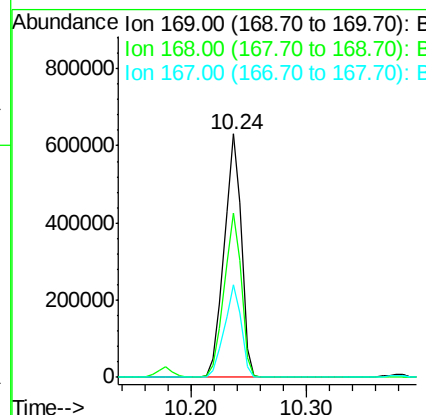
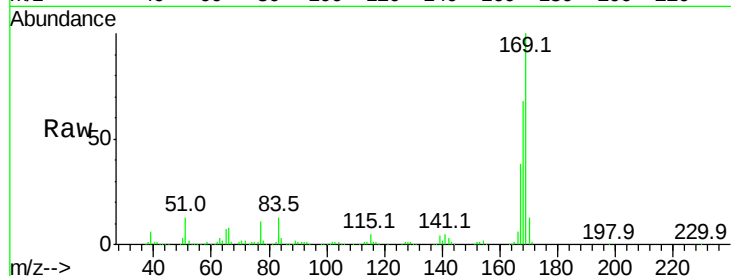




#65
n-Nitrosodiphenylamine
Concen: 56.08 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

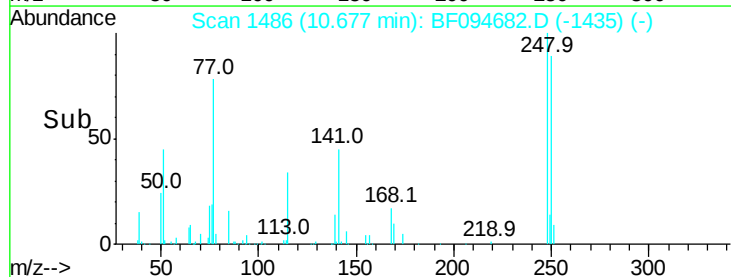
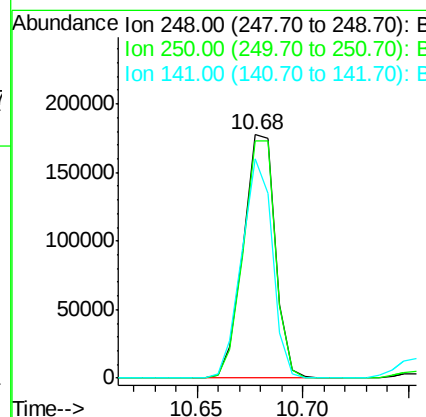
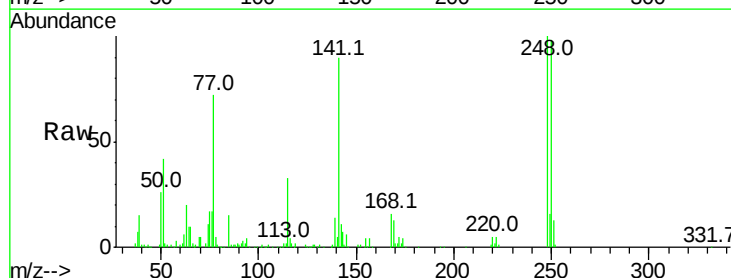
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 651341
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 38.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 56.41 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:248 Resp: 187054
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 89.9 68.6 103.0

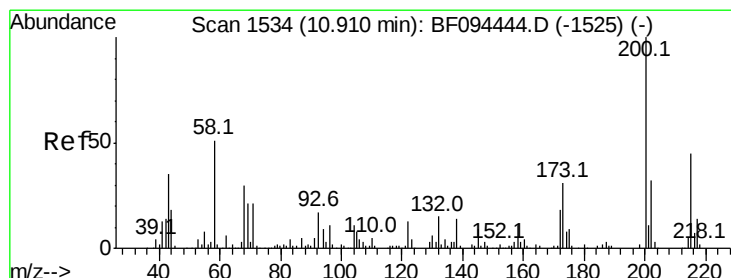
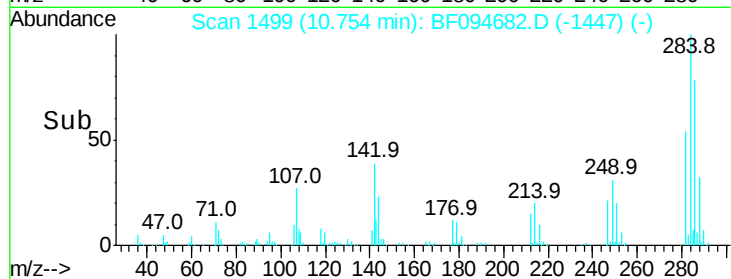
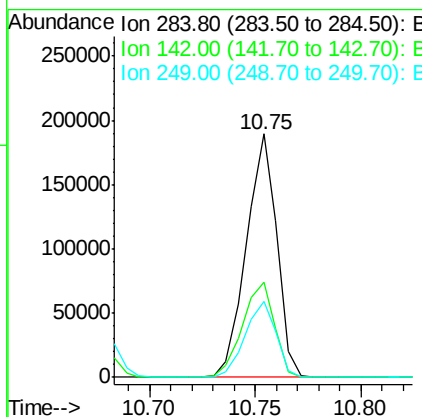
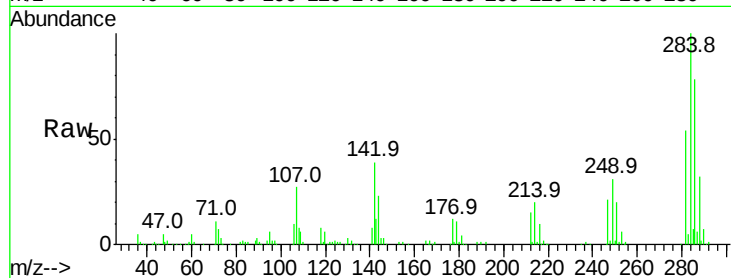




#67
Hexachlorobenzene
Concen: 56.88 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

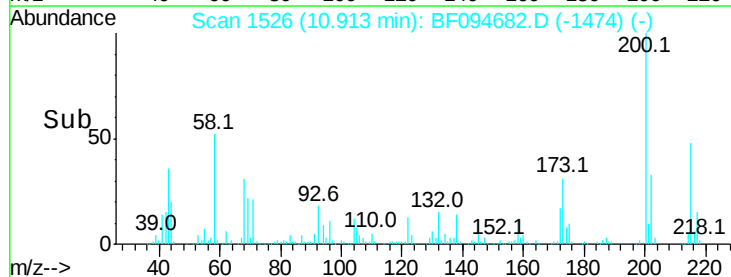
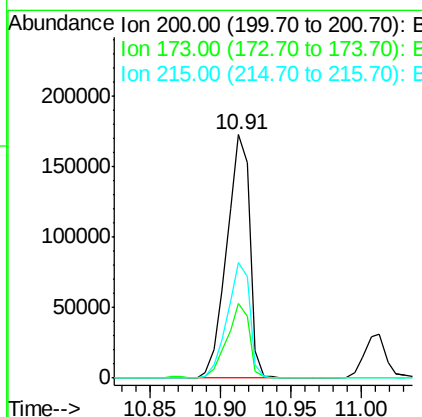
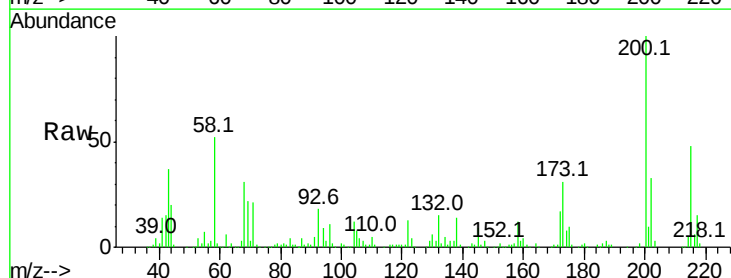
Instrument :
BNA_F
ClientSampleId :

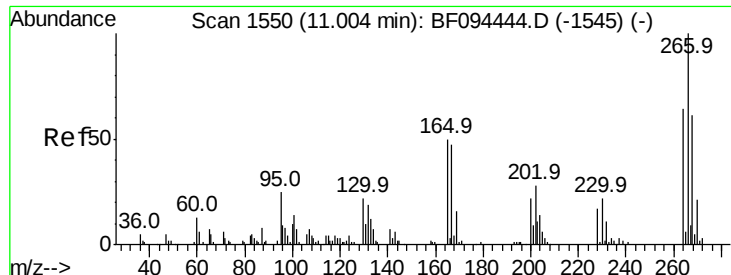
Tot Ion:284 Resp: 190085
Ion Ratio Lower Upper
284 100
142 39.3 22.8 34.2#
249 31.3 24.0 36.0



#68
Atrazine
Concen: 56.56 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:200 Resp: 196504
Ion Ratio Lower Upper
200 100
173 30.6 6.3 46.3
215 47.6 27.2 67.2

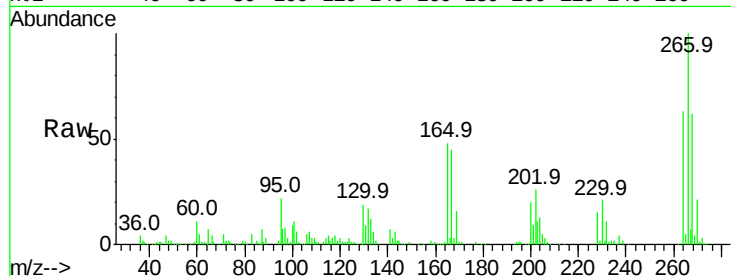




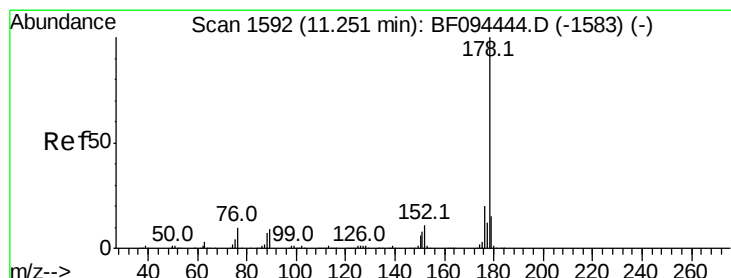
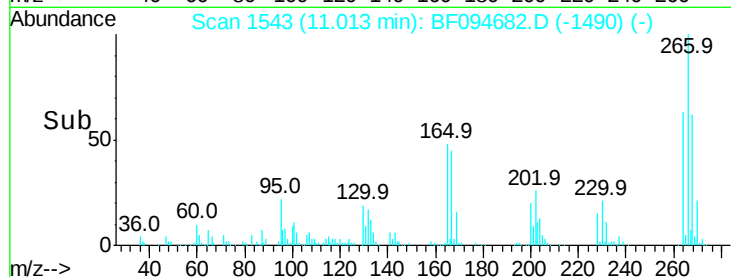
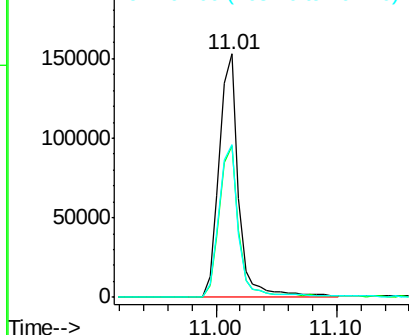
#69
 Pentachlorophenol
 Concen: 129.18 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 171422
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 62.9 51.7 77.5

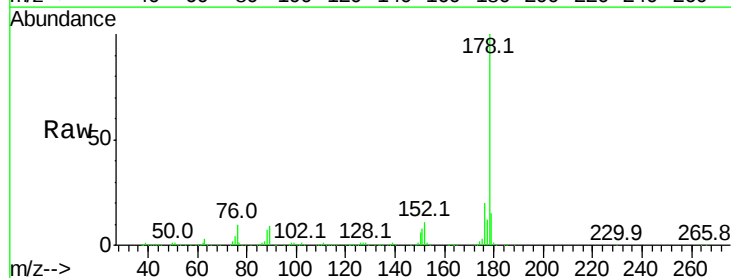


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

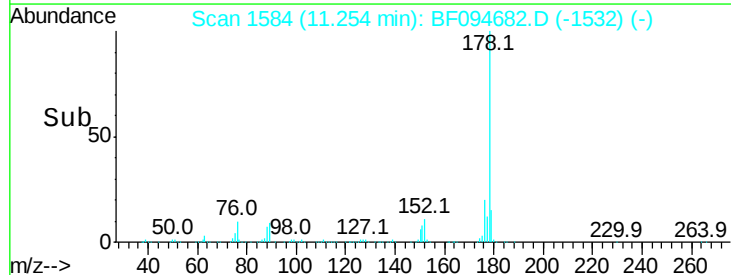
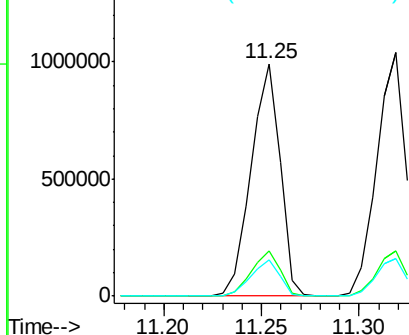


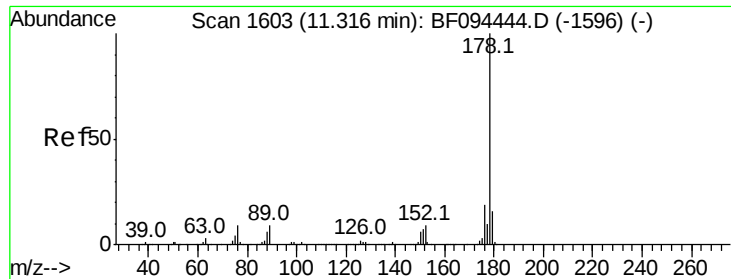
#70
 Phenanthrene
 Concen: 54.60 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:178 Resp: 1026823
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.5 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: 55.01 ng

RT: 11.32 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampled :

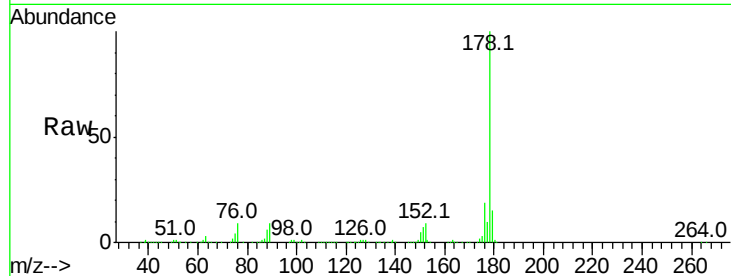
Tot Ion:178 Resp: 1070058

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

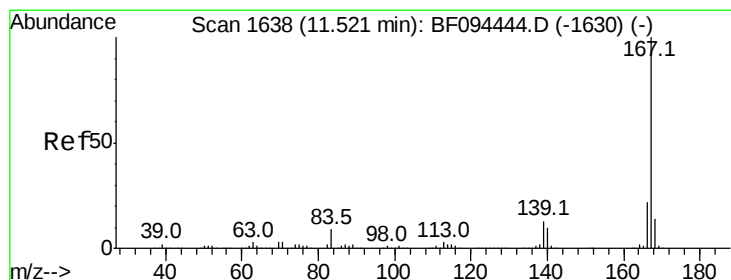
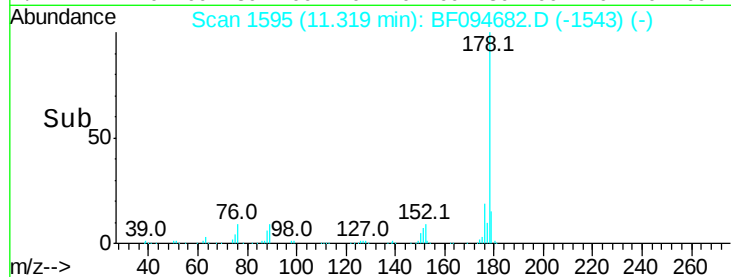
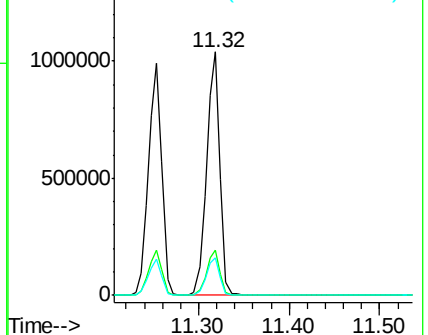
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 53.53 ng

RT: 11.52 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

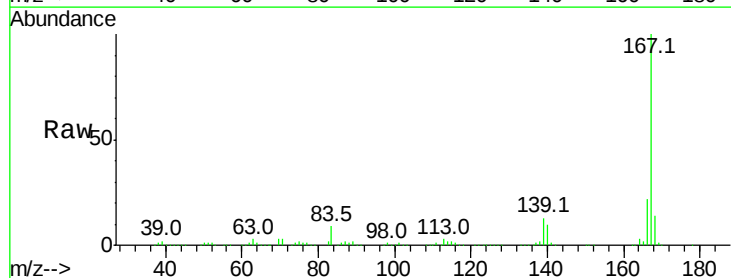
Tgt Ion:167 Resp: 977396

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

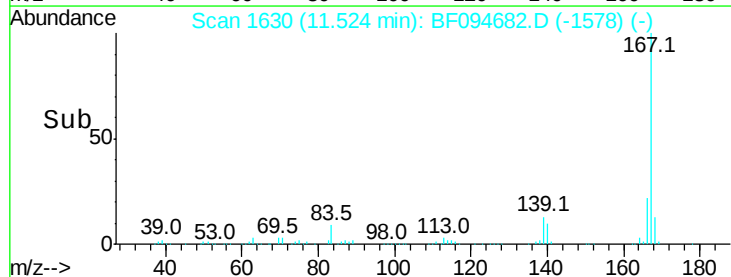
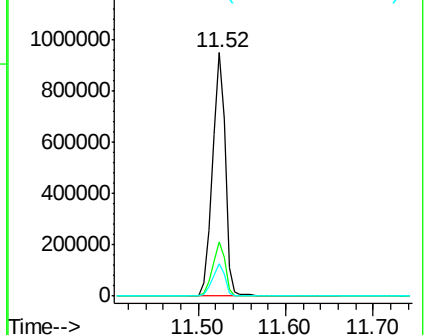
139 13.1 11.7 17.5

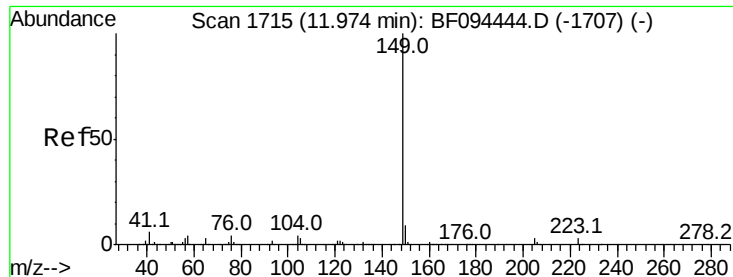


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

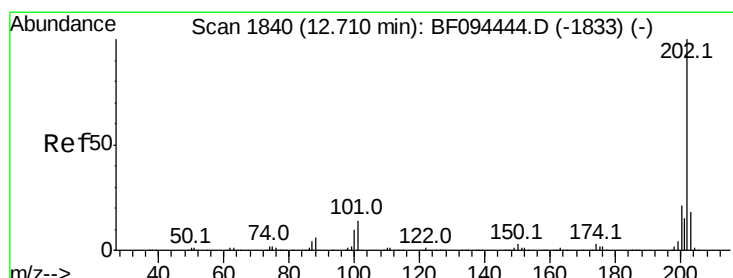
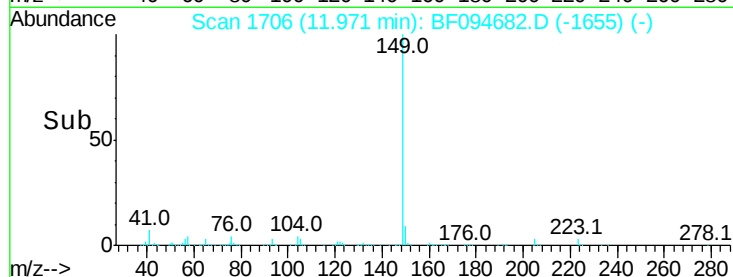
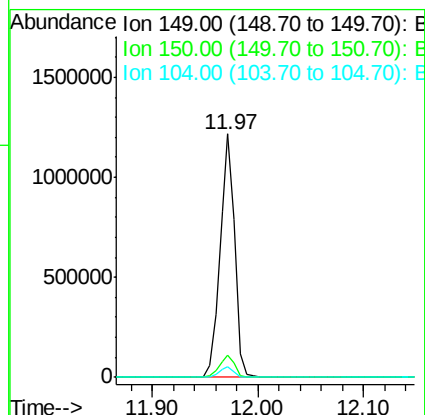
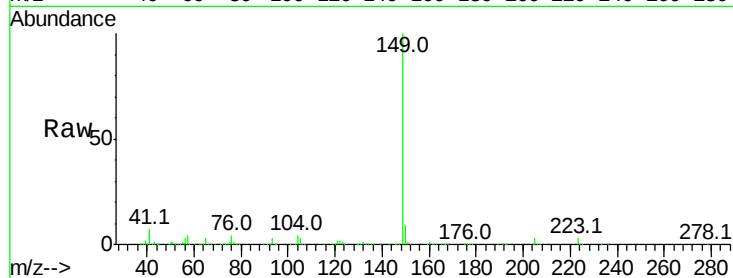




#73
Di-n-butylphthalate
Concen: 59.30 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

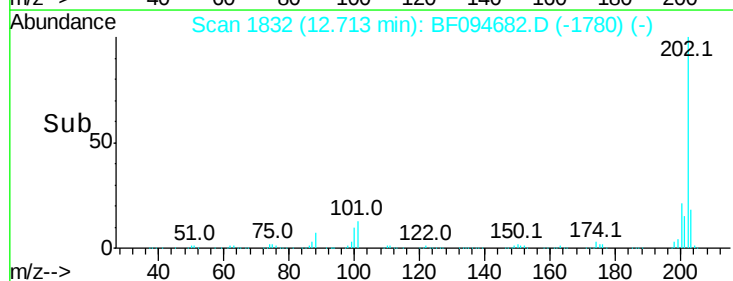
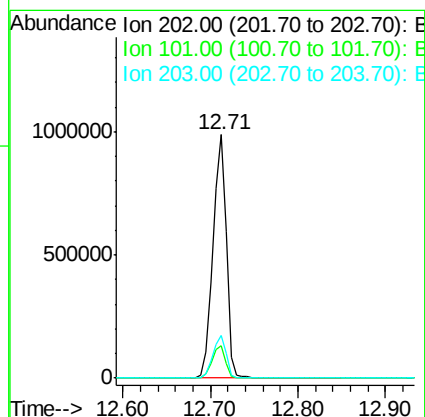
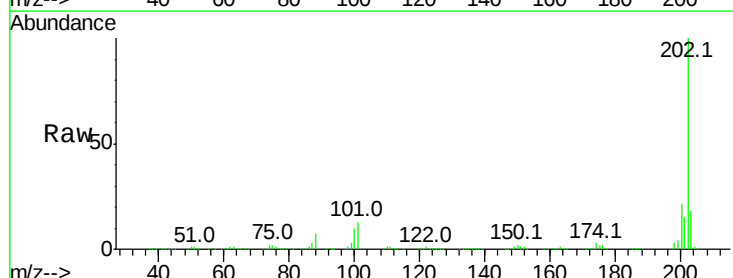
Instrument :
BNA_F
ClientSampleId :

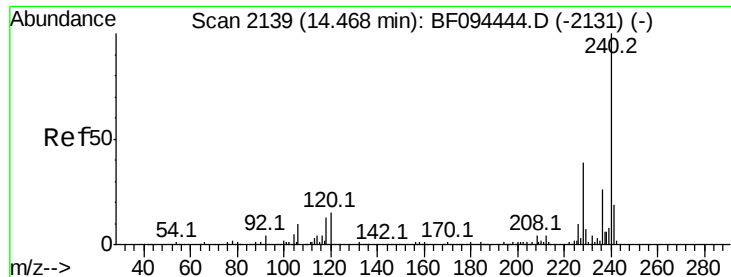
Tot Ion:149 Resp: 1192157
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 54.32 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:202 Resp: 1058700
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

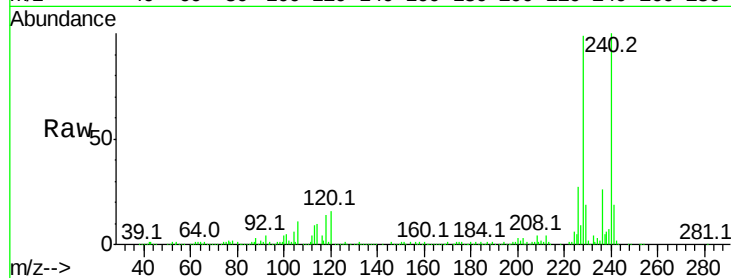
Tot Ion:240 Resp: 266726

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

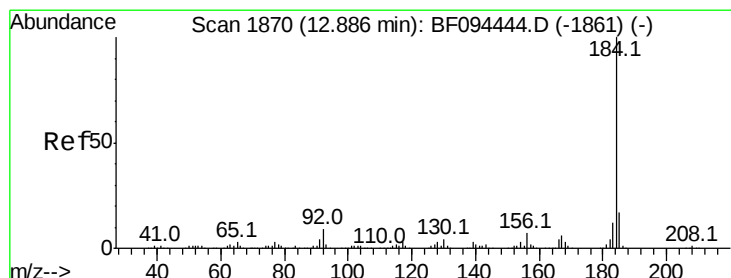
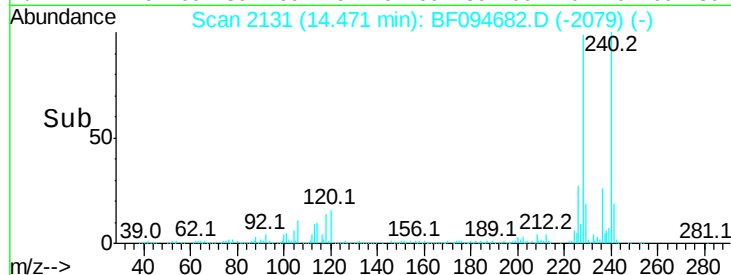
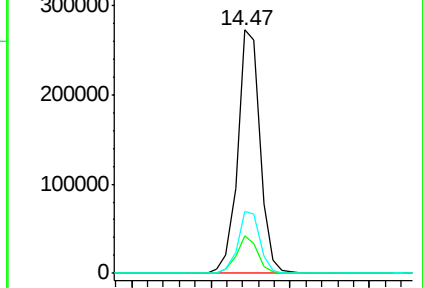
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.83 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

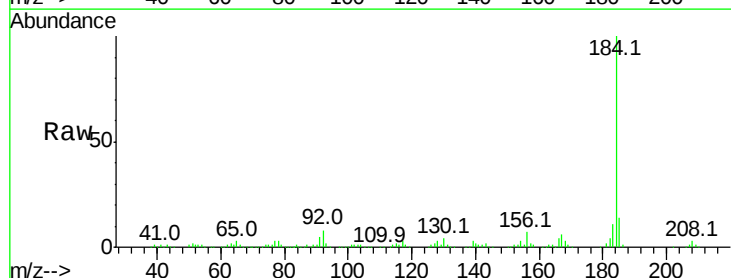
Tgt Ion:184 Resp: 354500

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

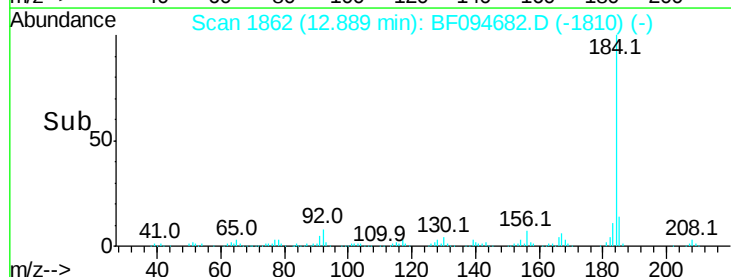
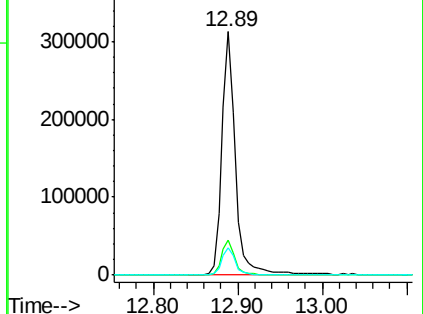
183 11.4 9.8 14.6

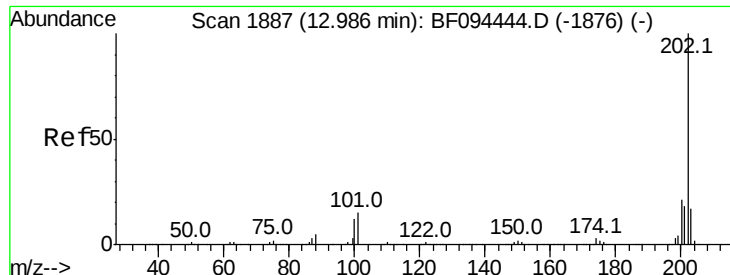


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

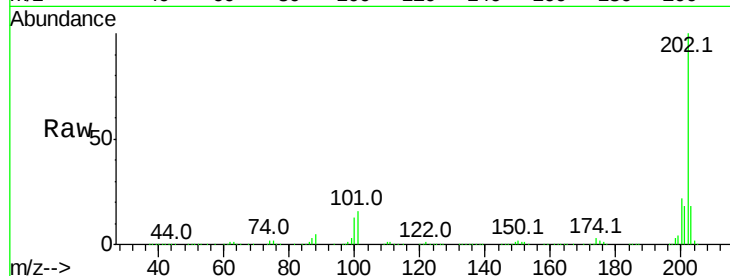




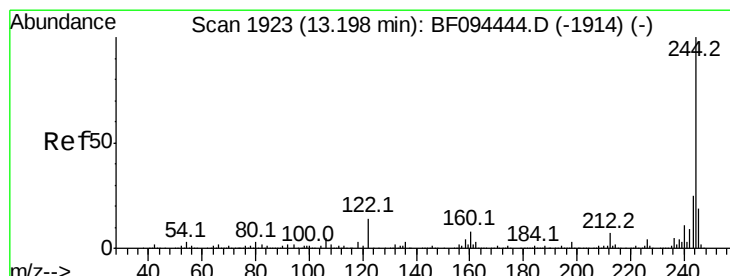
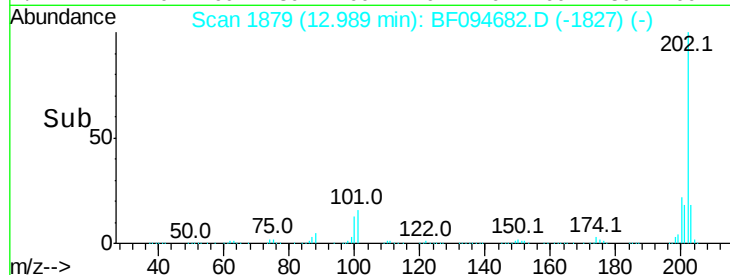
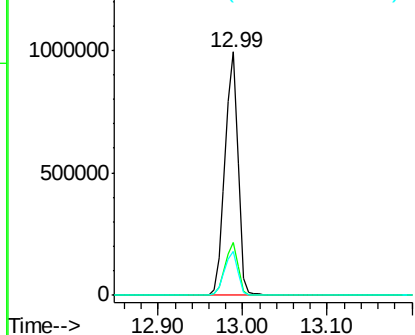
#77
Pvrene
Concen: 57.87 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1078440
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.9 14.4 21.6

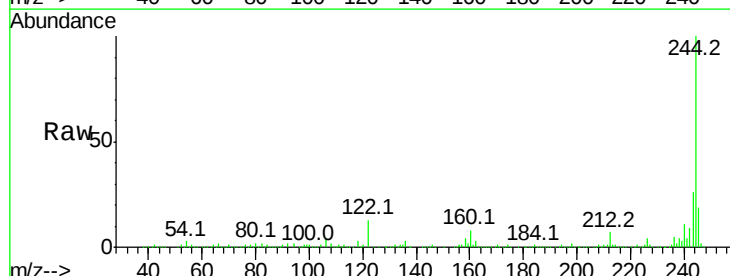


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

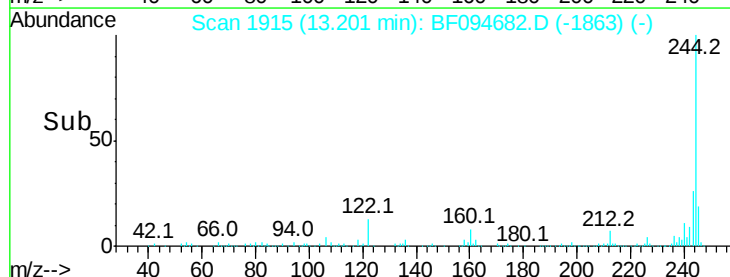
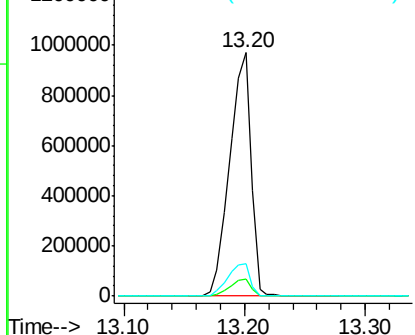


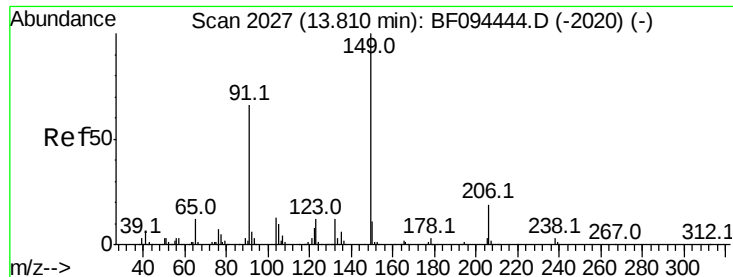
#78
Terphenyl-d14
Concen: 120.32 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:244 Resp: 1200687
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.3 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

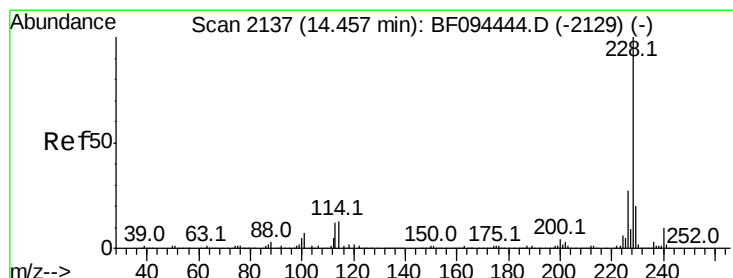
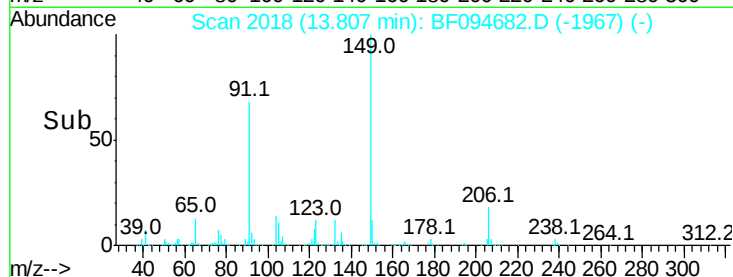
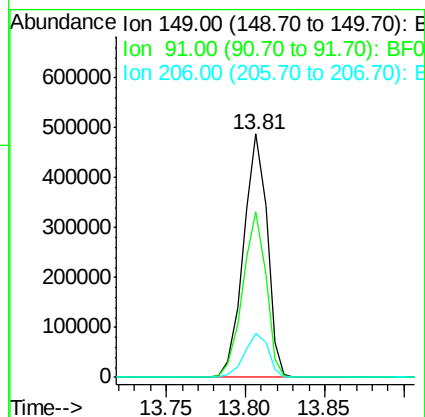
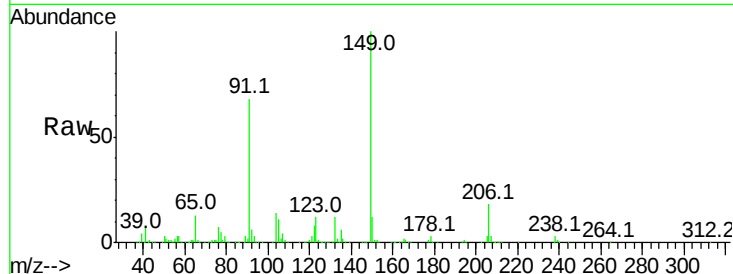




#79
Butylbenzylphthalate
Concen: 61.97 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

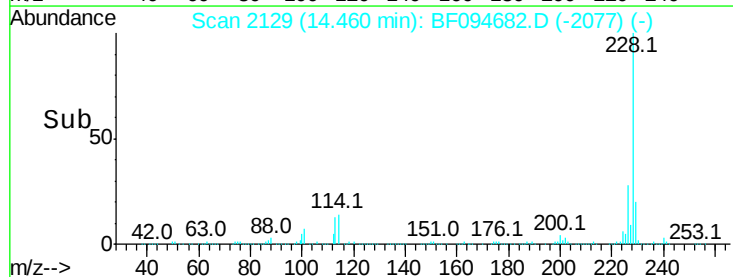
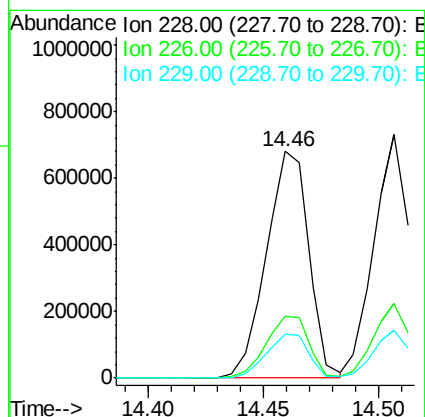
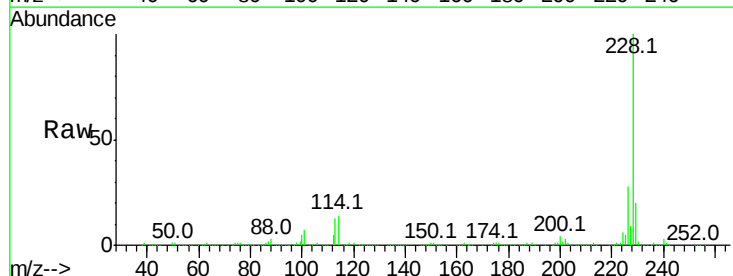
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 506076
Ion Ratio Lower Upper
149 100
91 68.2 45.0 67.4#
206 17.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 55.94 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:228 Resp: 867224
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.6 16.3 24.5

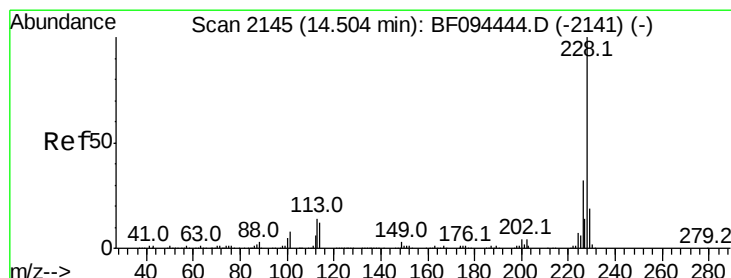
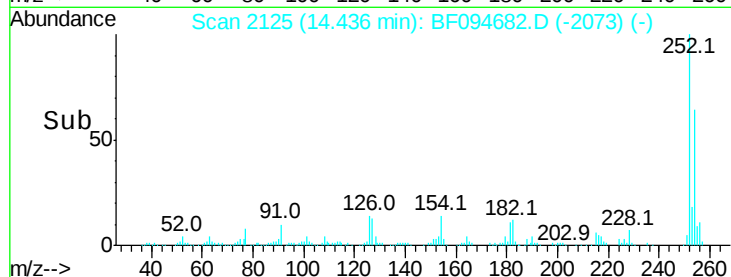
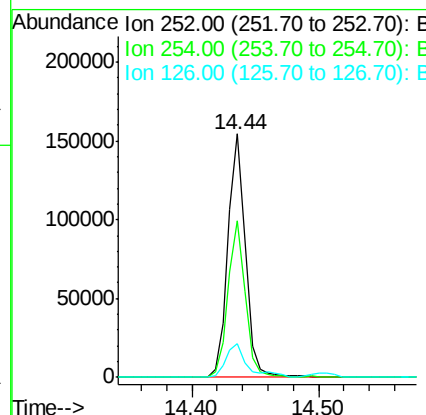
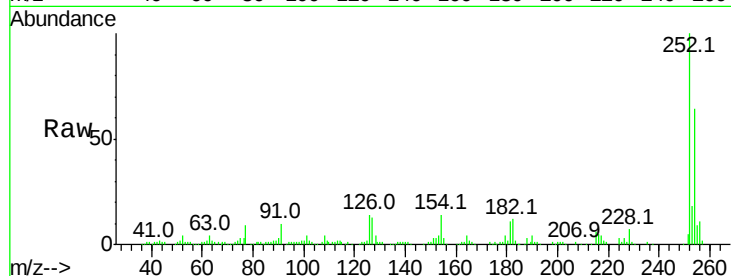




#81
 3,3'-Dichlorobenzidine
 Concen: 27.25 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

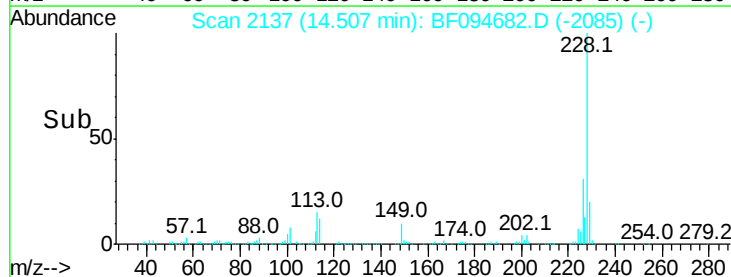
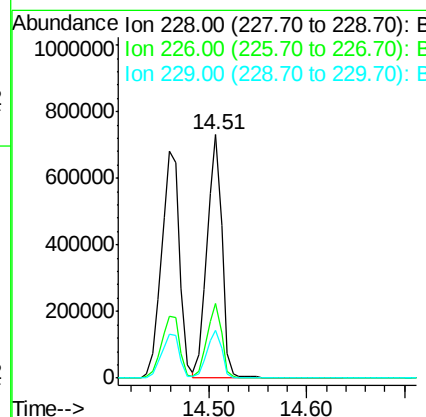
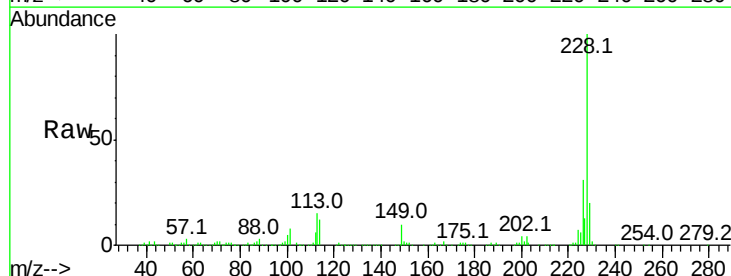
Instrument :
 BNA_F
 ClientSampleId :

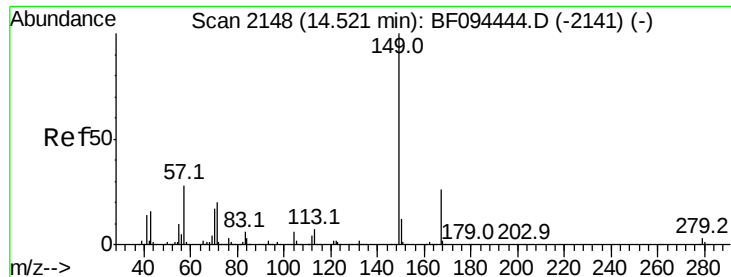
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.9	15.8	23.8#



#82
 Chrysene
 Concen: 54.68 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.29 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

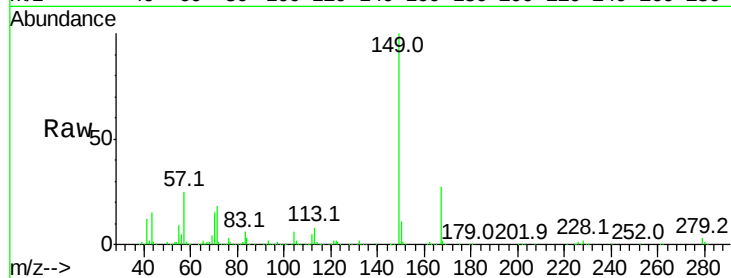
Tot Ion:149 Resp: 683060

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

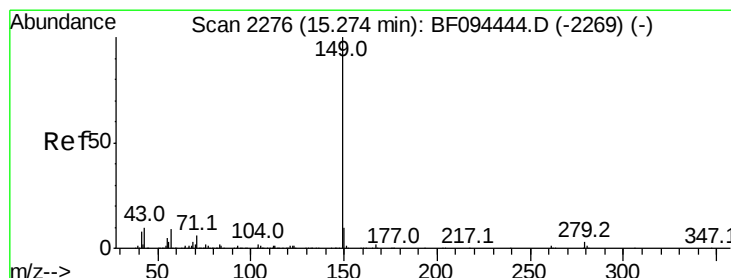
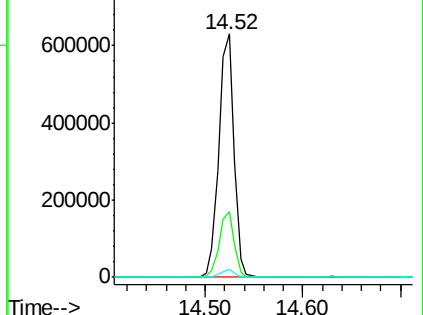
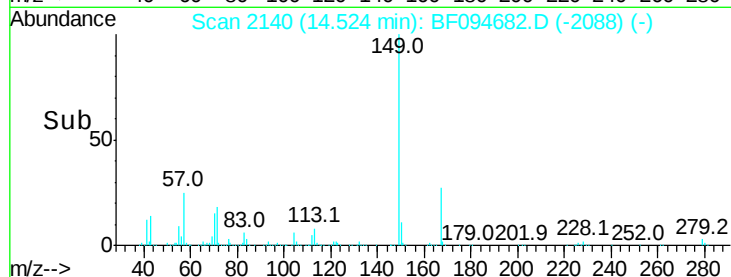
279 3.2 1.9 2.9#



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: 59.61 ng

RT: 15.28 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

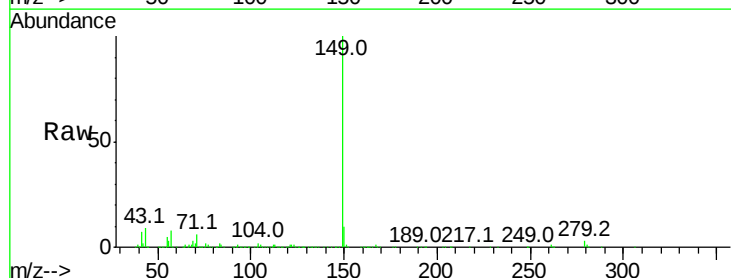
Tgt Ion:149 Resp: 1096328

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

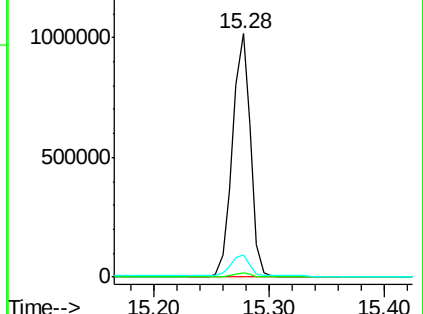
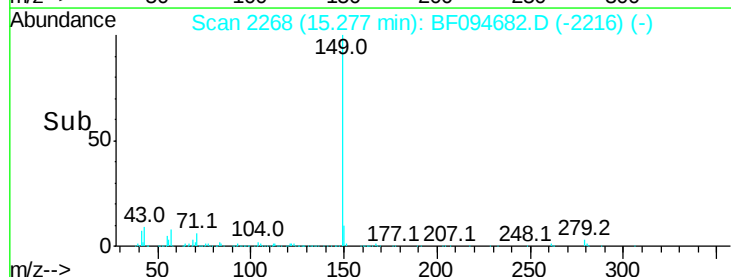
43 9.0 8.5 12.7

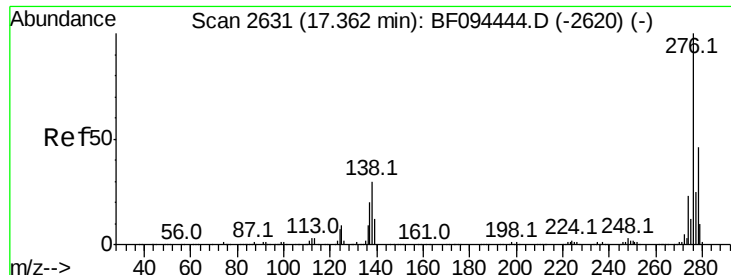


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

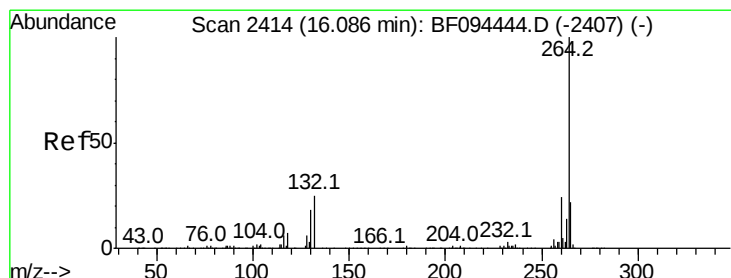
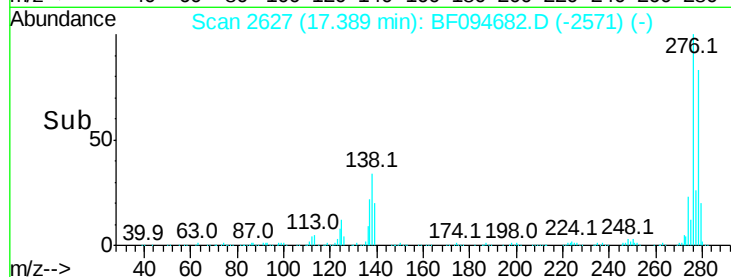
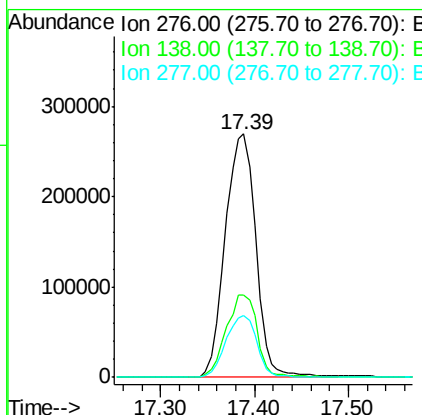
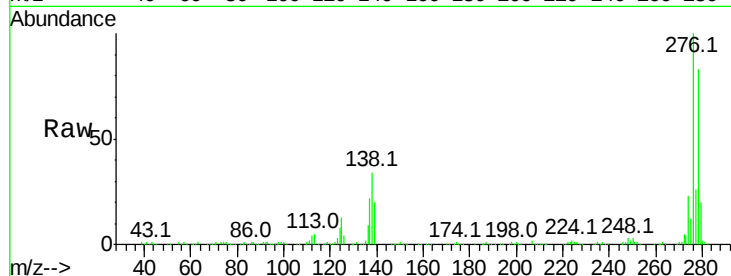




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.47 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

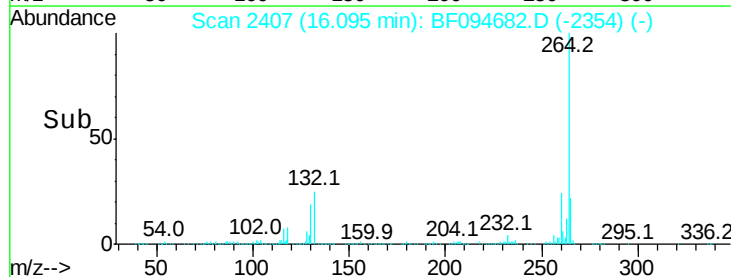
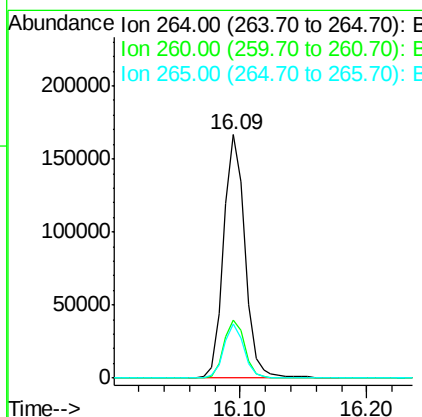
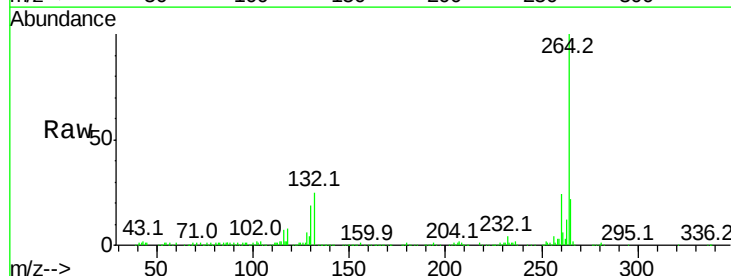
Instrument :
 BNA_F
 ClientSampleId :

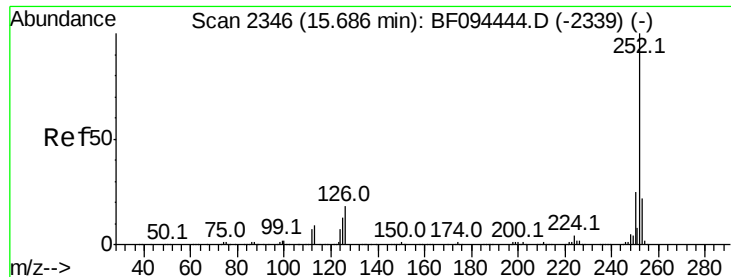
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 59.85 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

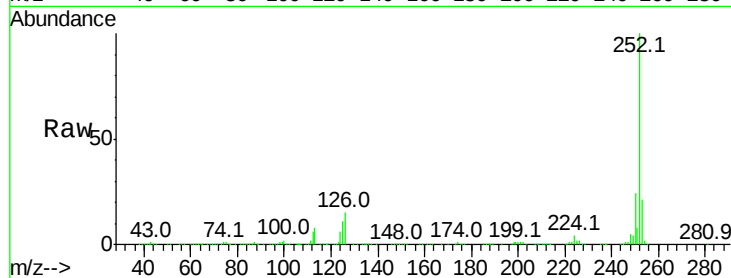
Tot Ion:252 Resp: 714270

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

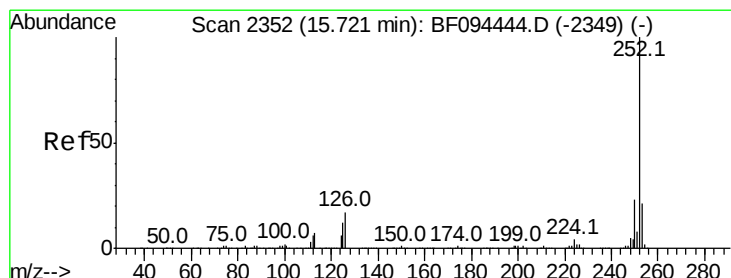
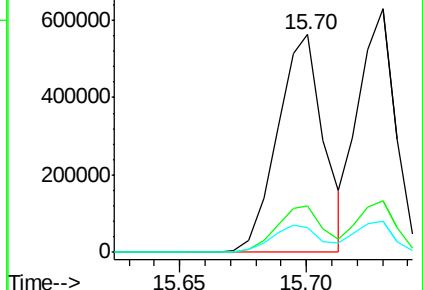
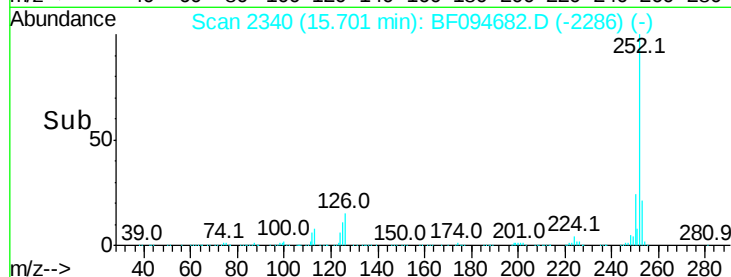
125 11.2 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 57.40 ng

RT: 15.73 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

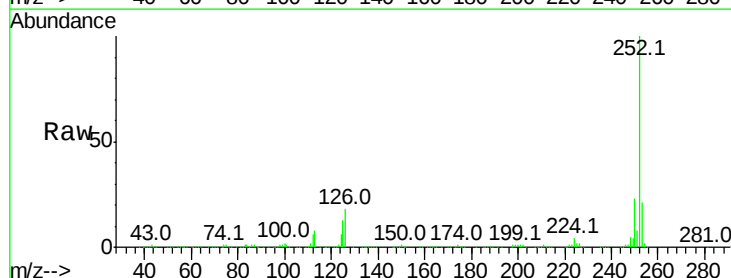
Tgt Ion:252 Resp: 648210

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

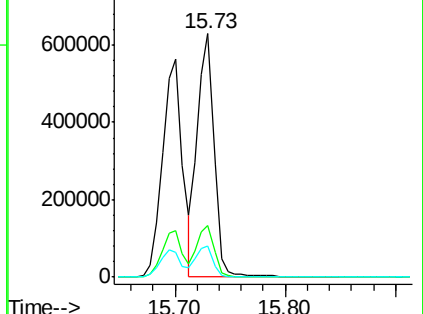
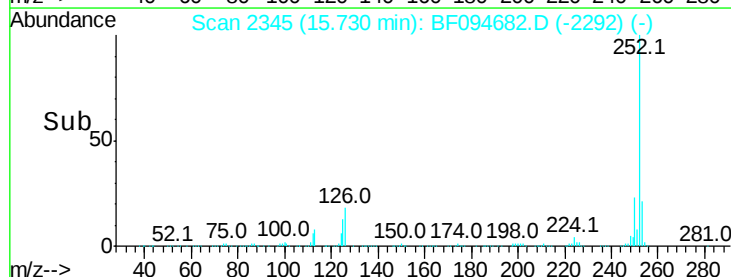
125 12.7 13.1 19.7#

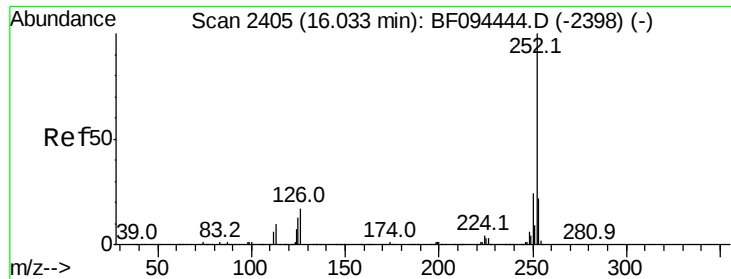


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

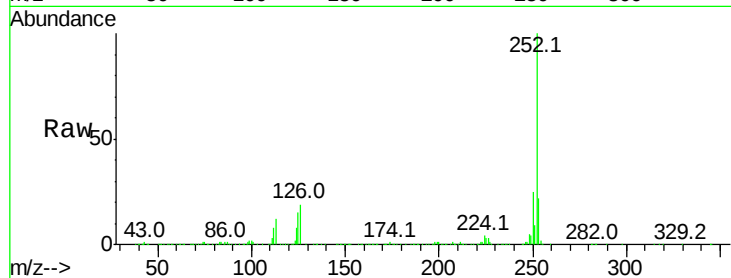




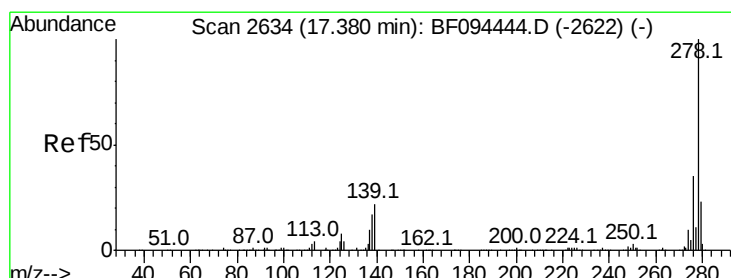
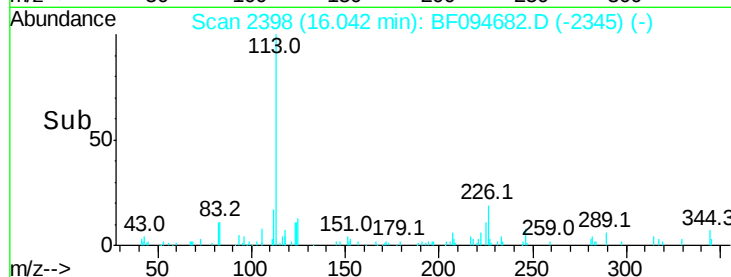
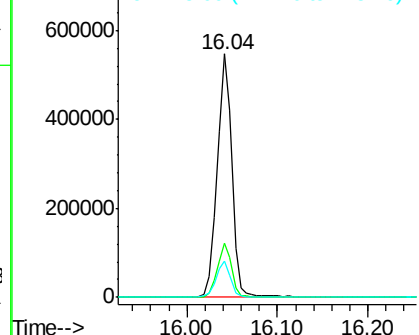
#89
Benzo(a)pyrene
Concen: 55.64 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 617781
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.0 11.0 16.4

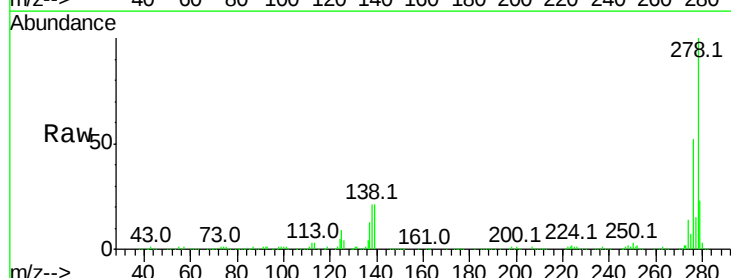


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

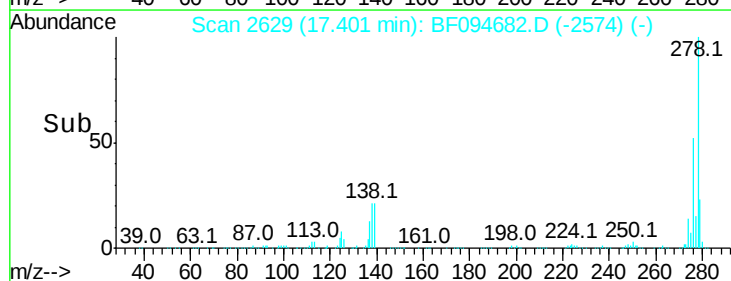
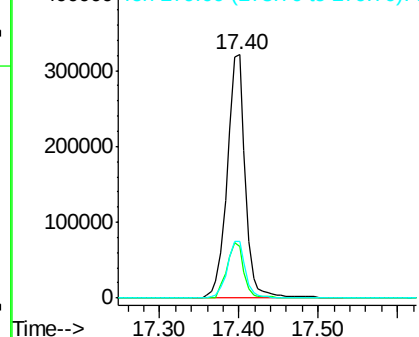


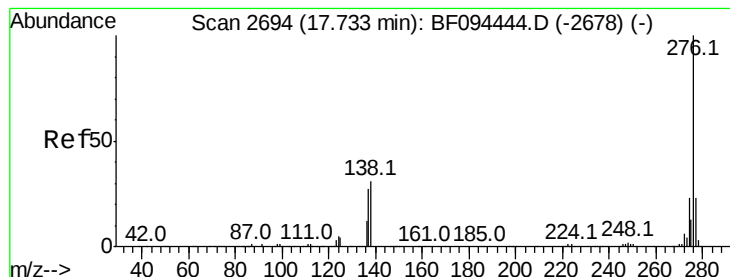
#90
Dibenzo(a,h)anthracene
Concen: 55.19 ng
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:278 Resp: 508768
Ion Ratio Lower Upper
278 100
139 21.0 16.6 24.8
279 23.1 19.3 28.9



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

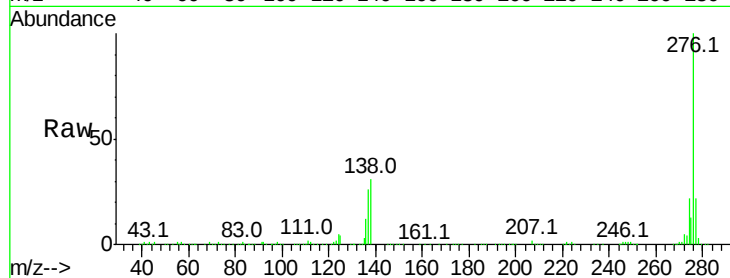




#91
 Benzo(a,h,i)perylene
 Concen: 53.91 ng
 RT: 17.76 min Scan# 2690
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	28.0
138	30.7	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

