

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094042.D
 Acq On : 30 Mar 2017 2:08
 Operator : SJ/MA
 Sample : I2443-14MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Quant Time: Mar 30 03:26:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	169138	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	677969	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	302584	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	491768	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	302032	20.00	ng	-0.03
86) Perylene-d12	16.28	264	276349	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.47	112	1292640	129.08	ng	0.00
7) Phenol-d6	5.54	99	1643198	132.64	ng	-0.01
23) Nitrobenzene-d5	6.58	82	1014160	85.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	294105	123.00	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1535424	77.40	ng	-0.02
78) Terphenyl-d14	13.37	244	967296	71.79	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	179993	37.41	ng	99
3) Pyridine	2.82	79	538662	41.08	ng	99
4) n-Nitrosodimethylamine	2.78	42	243816	45.19	ng	88
6) Aniline	5.55	93	204256	11.85	ng	# 1
8) 2-Chlorophenol	5.69	128	520802	47.32	ng	97
9) Benzaldehyde	5.42	77	104144	12.45	ng	99
10) Phenol	5.56	94	631127	44.77	ng	91
11) bis(2-Chloroethyl)ether	5.63	93	499849	45.37	ng	97
12) 1,3-Dichlorobenzene	5.86	146	549949	44.54	ng	99
13) 1,4-Dichlorobenzene	5.95	146	559085	44.71	ng	98
14) 1,2-Dichlorobenzene	6.12	146	515583	44.77	ng	96
15) Benzyl Alcohol	6.10	79	412888	45.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.26	45	680049	40.06	ng	96
17) 2-Methylphenol	6.24	107	436695	46.33	ng	95
18) Hexachloroethane	6.52	117	183620	41.78	ng	89
19) n-Nitroso-di-n-propylamine	6.42	70	363371	45.64	ng	97
20) 3+4-Methylphenols	6.42	107	575500	50.41	ng	# 63
22) Acetophenone	6.40	105	740315	48.99	ng	# 87
24) Nitrobenzene	6.60	77	536253	45.77	ng	95
25) Isophorone	6.89	82	963242	46.14	ng	96
26) 2-Nitrophenol	6.97	139	187909	33.63	ng	94
27) 2,4-Dimethylphenol	7.05	122	475964	49.44	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	634506	46.09	ng	98
29) 2,4-Dichlorophenol	7.27	162	439842	48.86	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	431920	46.59	ng	99
31) Naphthalene	7.46	128	1501163	46.05	ng	100
32) Benzoic acid	7.14	122	23872	3.72	ng	89
33) 4-Chloroaniline	7.52	127	112402	8.51	ng	# 93
34) Hexachlorobutadiene	7.61	225	215120	45.24	ng	99
35) Caprolactam	7.99	113	115713	40.31	ng	93
36) 4-Chloro-3-methylphenol	8.15	107	457343	48.62	ng	87
37) 2-Methylnaphthalene	8.30	142	1016337	46.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	382956	46.26	ng	99
40) Hexachlorocyclopentadiene	8.49	237	126275	32.60	ng	99

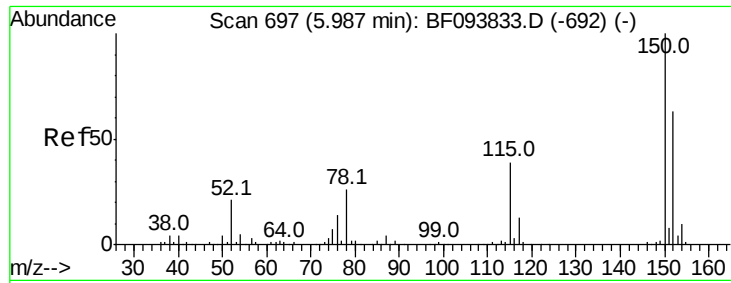
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	292921	50.02	nq	97
43) 2,4,5-Trichlorophenol	8.71	196	288483	45.52	nq	93
45) 1,1'-Biphenyl	8.87	154	1105821	45.31	nq	98
46) 2-Chloronaphthalene	8.89	162	874138	45.75	nq	94
47) 2-Nitroaniline	9.02	65	302611	53.39	nq	88
48) Acenaphthylene	9.40	152	1387098	43.69	nq	99
49) Dimethylphthalate	9.26	163	1172408	54.51	nq	100
50) 2,6-Dinitrotoluene	9.33	165	203385	41.25	nq	# 90
51) Acenaphthene	9.62	154	824149	44.48	nq	100
52) 3-Nitroaniline	9.53	138	224651	38.80	nq	83
53) 2,4-Dinitrophenol	9.66	184	6940	7.14	nq	# 75
54) Dibenzofuran	9.83	168	1197878	47.50	nq	100
55) 4-Nitrophenol	9.77	139	302253	66.66	nq	# 74
56) 2,4-Dinitrotoluene	9.82	165	226526	36.57	nq	# 70
57) Fluorene	10.25	166	880254	42.09	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	197899	45.51	nq	# 97
59) Diethylphthalate	10.13	149	1012615	47.63	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	375384	42.13	nq	89
61) 4-Nitroaniline	10.29	138	284349	51.18	nq	97
62) Azobenzene	10.45	77	946386	47.06	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	12969	4.31	nq	# 76
65) n-Nitrosodiphenylamine	10.40	169	834771	49.09	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	235011	48.59	nq	97
67) Hexachlorobenzene	10.93	284	232403	47.47	nq	# 90
68) Atrazine	11.07	200	210676	41.36	nq	95
69) Pentachlorophenol	11.17	266	192724	63.24	nq	98
70) Phenanthrene	11.43	178	1428652	52.22	nq	100
71) Anthracene	11.49	178	1292747	45.90	nq	99
72) Carbazole	11.69	167	1171801	40.57	nq	99
73) Di-n-butylphthalate	12.14	149	1452557	48.36	nq	99
74) Fluoranthene	12.89	202	1356802	48.44	nq	99
76) Benzidine	13.06	184	177729	14.87	nq	# 92
77) Pyrene	13.17	202	1372192	62.60	nq	100
79) Butylbenzylphthalate	13.98	149	528174	56.55	nq	# 85
80) Benzo(a)anthracene	14.64	228	926329	52.60	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	178978	28.43	nq	# 98
82) Chrysene	14.69	228	840099	51.40	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	708761	55.62	nq	# 98
84) Di-n-octyl phthalate	15.46	149	1123880	52.80	nq	100
85) Indeno(1,2,3-cd)pyrene	17.65	276	783039	55.32	nq	99
87) Benzo(b)fluoranthene	15.87	252	940640	55.53	nq	98
88) Benzo(k)fluoranthene	15.90	252	696666	42.03	nq	97
89) Benzo(a)pyrene	16.23	252	858203	55.02	nq	99
90) Dibenzo(a,h)anthracene	17.67	278	618039	46.78	nq	99
91) Benzo(g,h,i)perylene	18.06	276	669039	50.25	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF094042.D

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Instrument :

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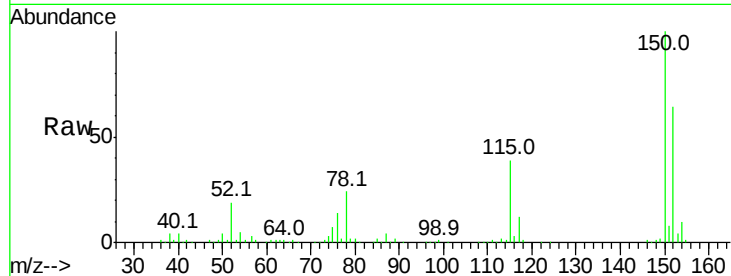
Tot Ion:152 Resp: 169138

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

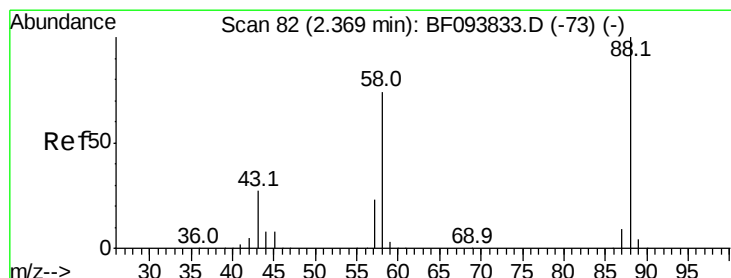
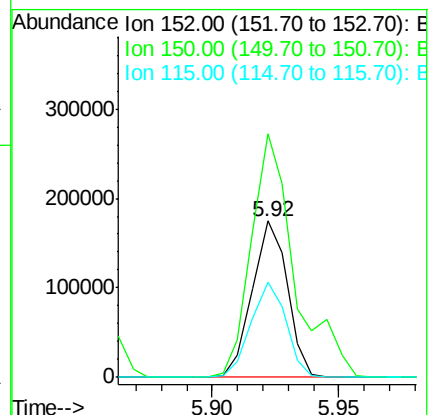
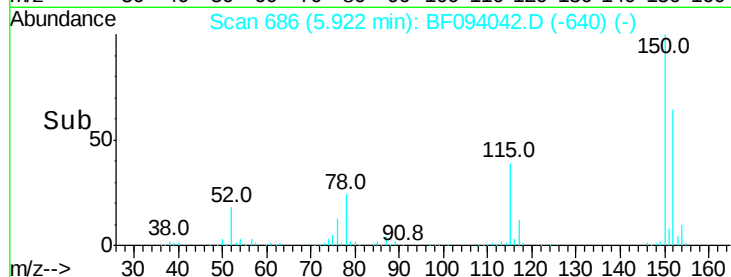
115 60.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.41 ng

RT: 2.33 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

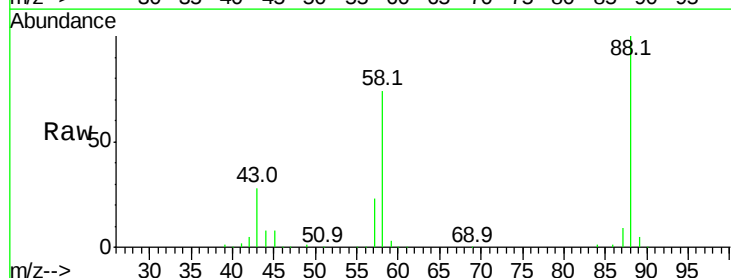
Tgt Ion: 88 Resp: 179993

Ion Ratio Lower Upper

88 100

58 75.6 61.4 92.0

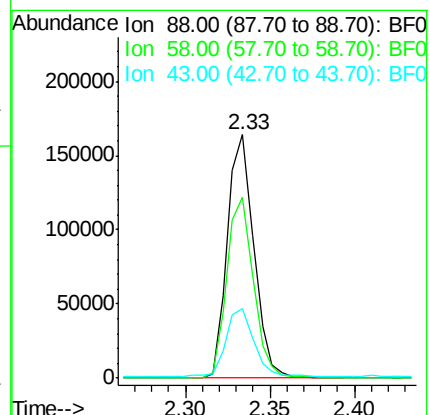
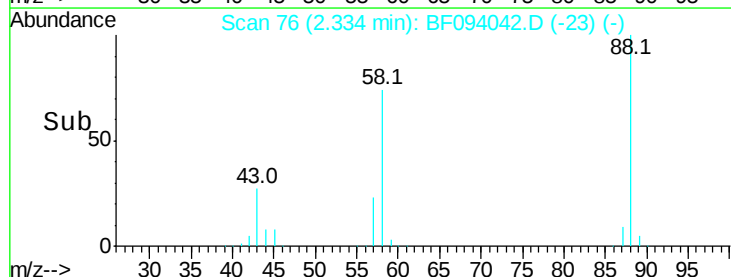
43 28.8 23.4 35.0

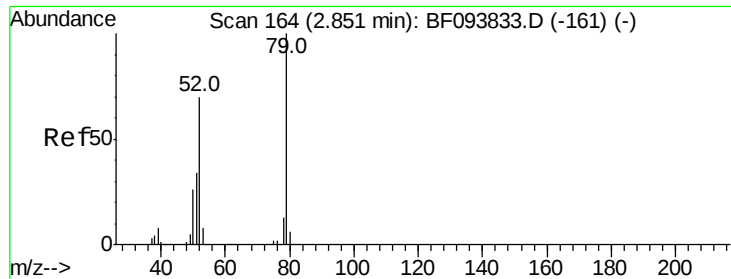


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.08 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

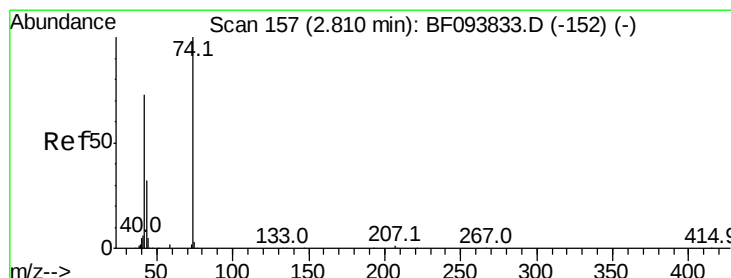
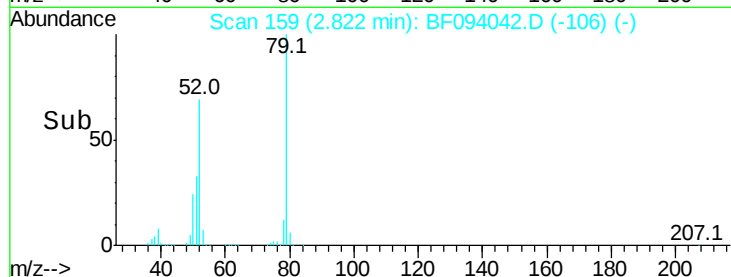
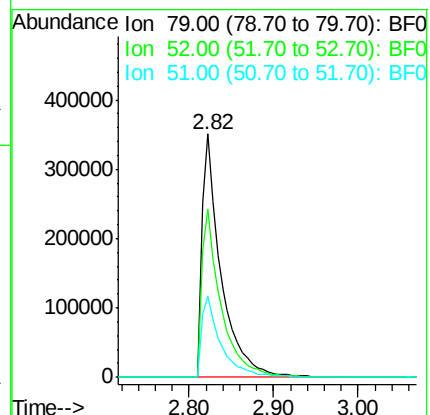
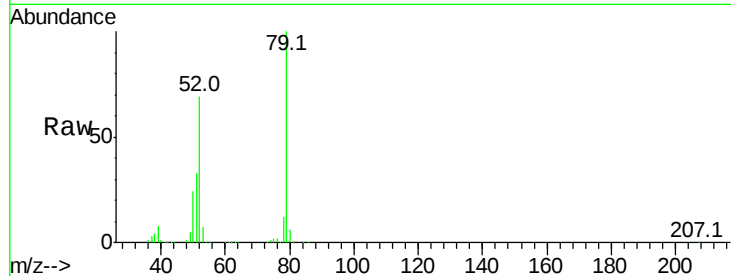
Tot Ion: 79 Resp: 538662

Ion Ratio Lower Upper

79 100

52 69.0 54.8 82.2

51 33.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 45.19 ng

RT: 2.78 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

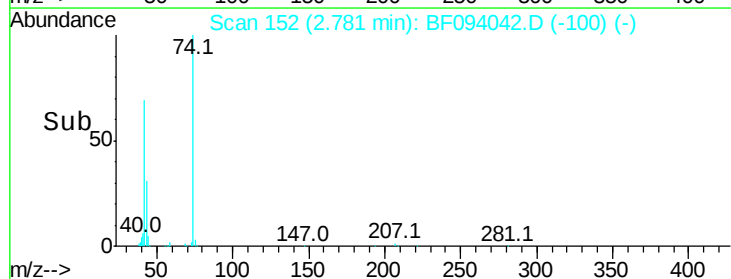
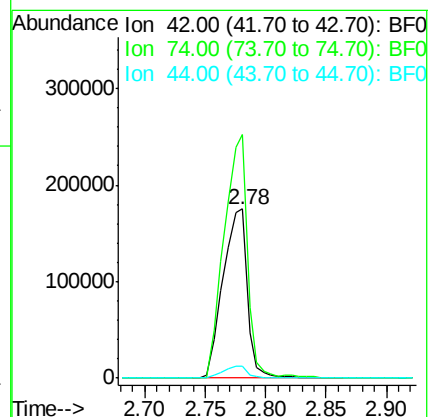
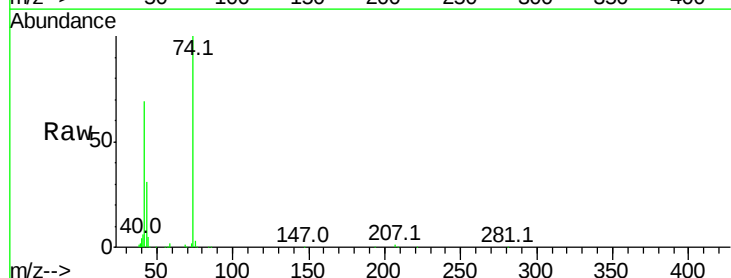
Tgt Ion: 42 Resp: 243816

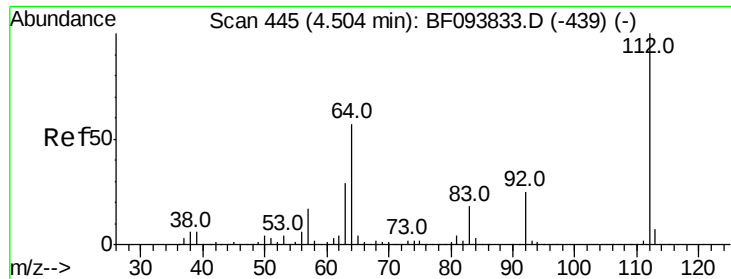
Ion Ratio Lower Upper

42 100

74 144.3 103.9 155.9

44 6.9 5.7 8.5

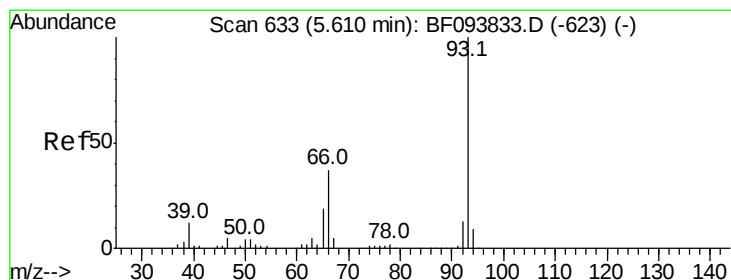
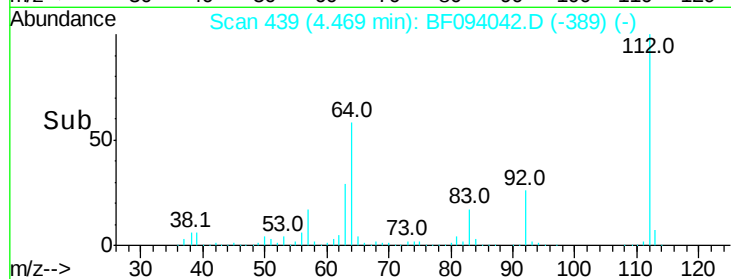
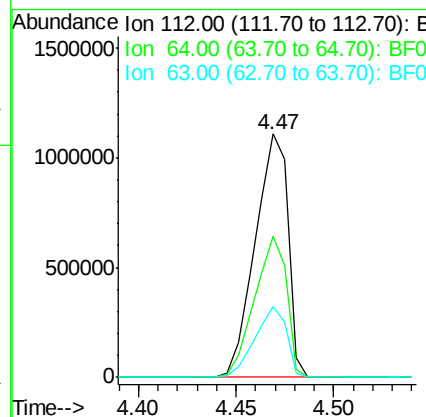
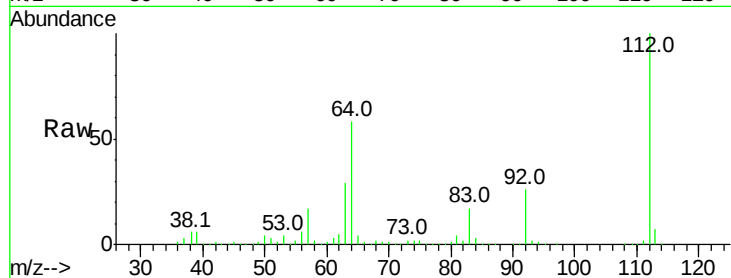




#5
 2-Fluorophenol
 Concen: 129.08 ng
 RT: 4.47 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

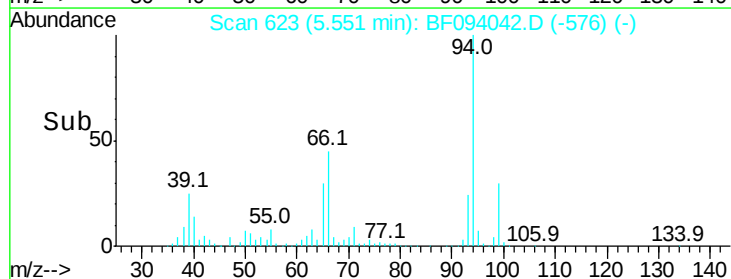
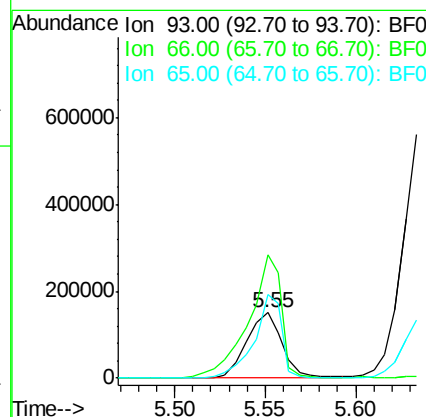
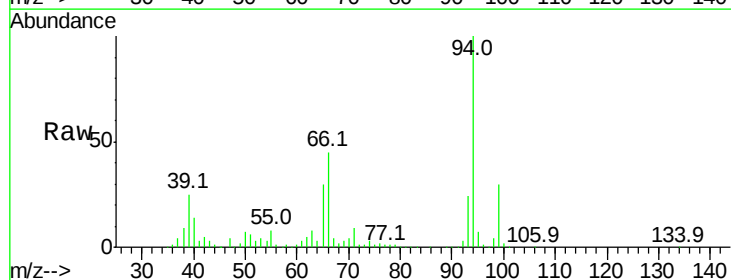
Instrument :
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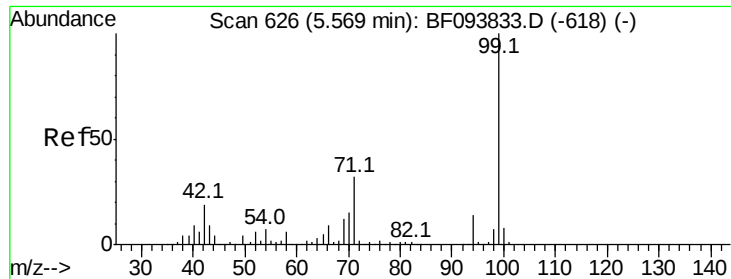
Tot Ion:112 Resp: 1292640
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.0 69.0
 63 29.2 23.4 35.0



#6
 Aniline
 Concen: 11.85 ng
 RT: 5.55 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion: 93 Resp: 204256
 Ion Ratio Lower Upper
 93 100
 66 188.8 32.9 49.3#
 65 128.4 16.0 24.0#





#7

Phenol-d6

Concen: 132.64 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

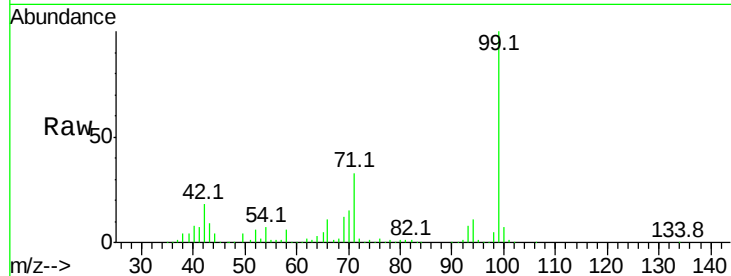
BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion: 99 Resp: 1643198

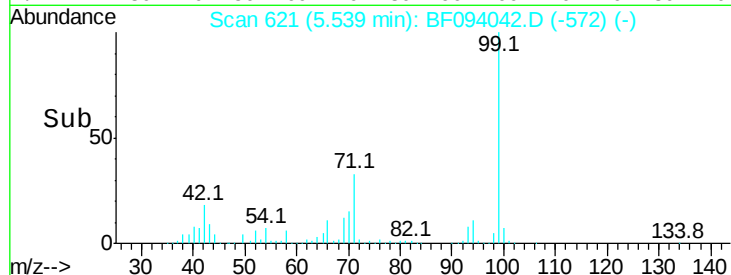
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.5	24.5	36.7



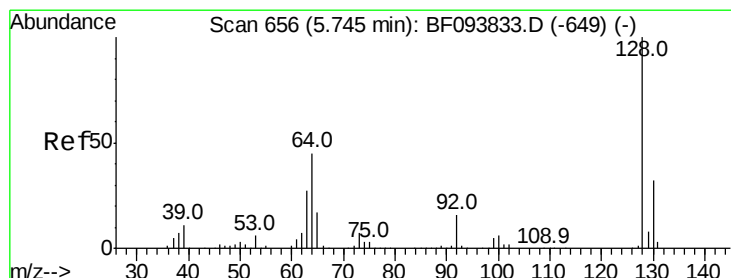
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 47.32 ng

RT: 5.69 min Scan# 647

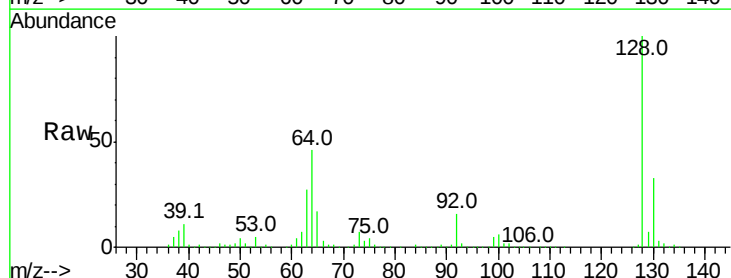
Delta R.T. -0.02 min

Lab File: BF094042.D

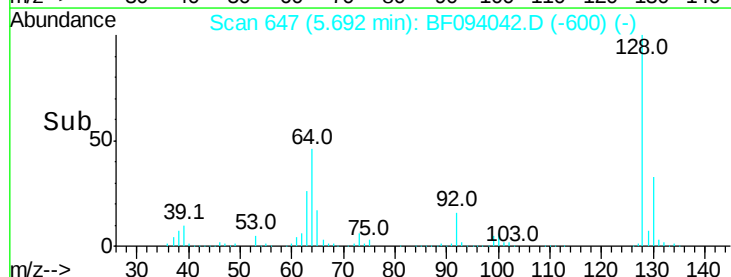
Acq: 30 Mar 2017 2:08

Tgt Ion:128 Resp: 520802

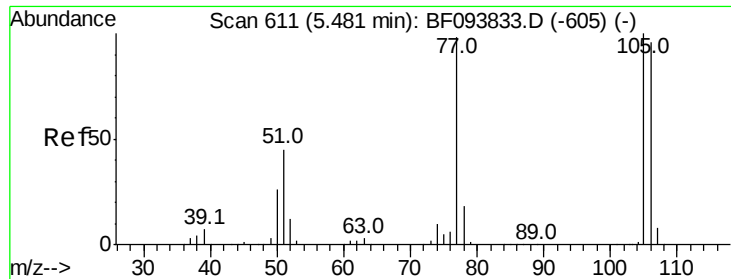
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	45.8	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E



Time-->



#9

Benzaldehyde

Concen: 12.45 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

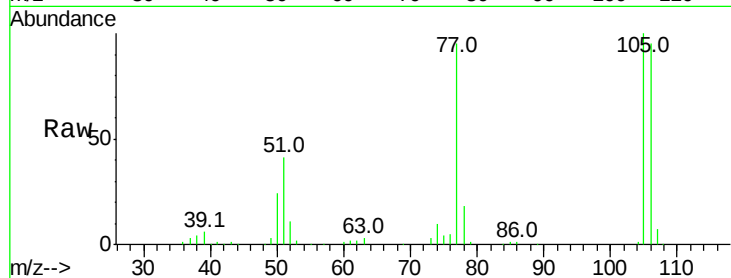
Tot Ion: 77 Resp: 104144

Ion Ratio Lower Upper

77 100

105 105.4 83.8 123.8

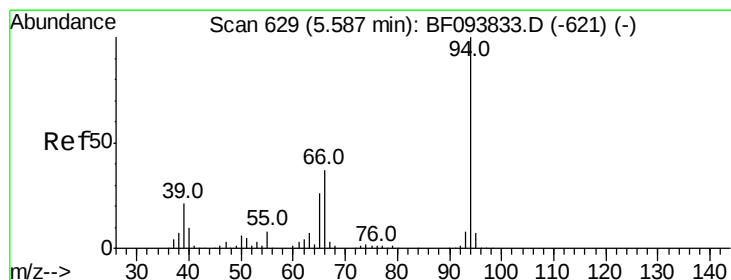
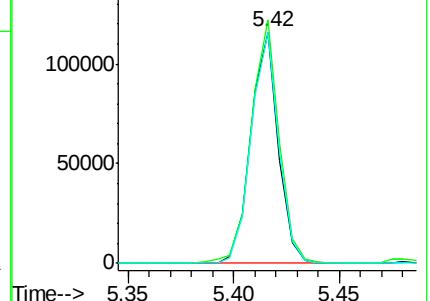
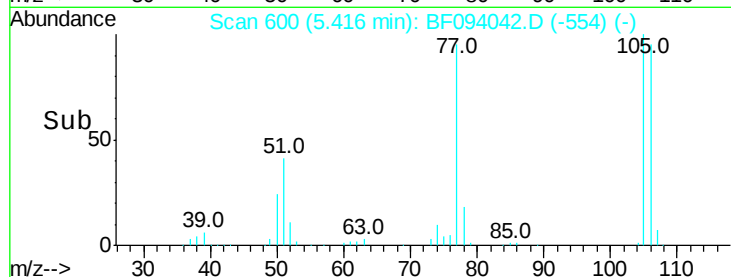
106 99.8 79.1 119.1



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: 44.77 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

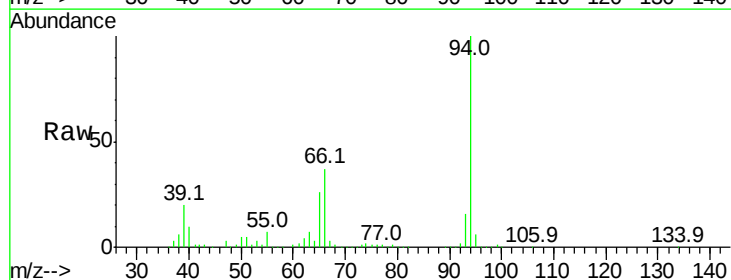
Tgt Ion: 94 Resp: 631127

Ion Ratio Lower Upper

94 100

65 26.1 9.9 49.9

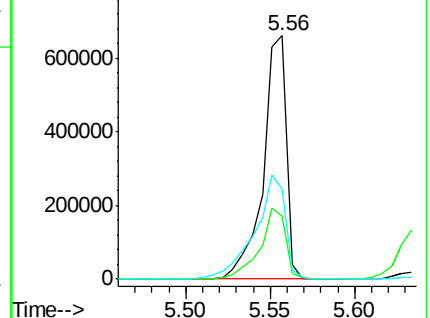
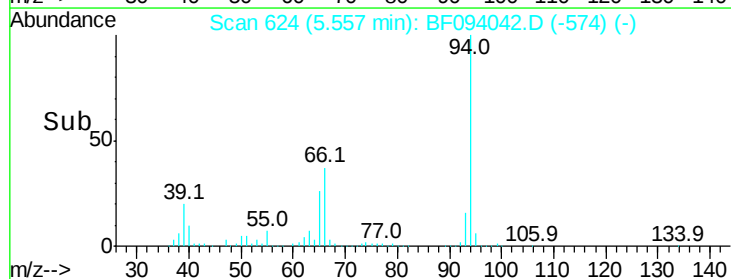
66 36.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

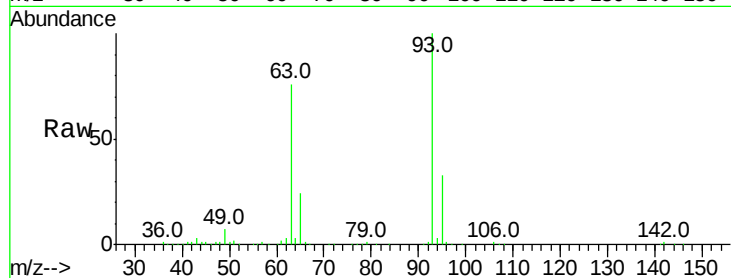




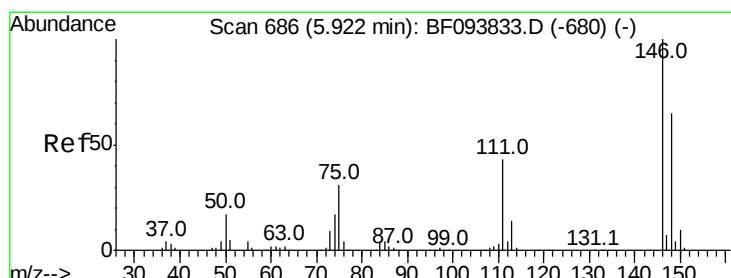
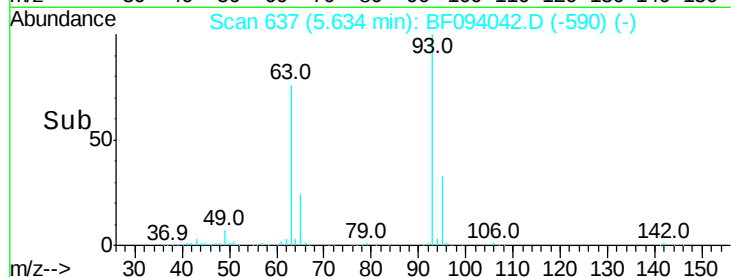
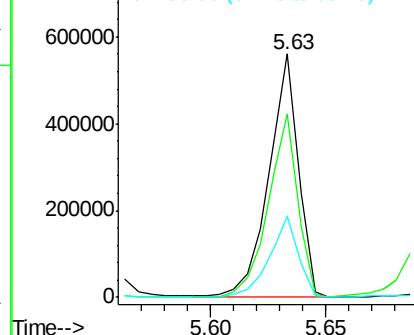
#11
bis(2-Chloroethyl)ether
Concen: 45.37 ng
RT: 5.63 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion: 93 Resp: 499849
Ion Ratio Lower Upper
93 100
63 75.6 59.2 99.2
95 33.0 12.8 52.8

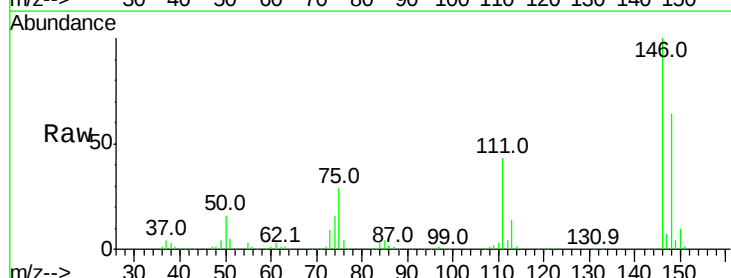


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

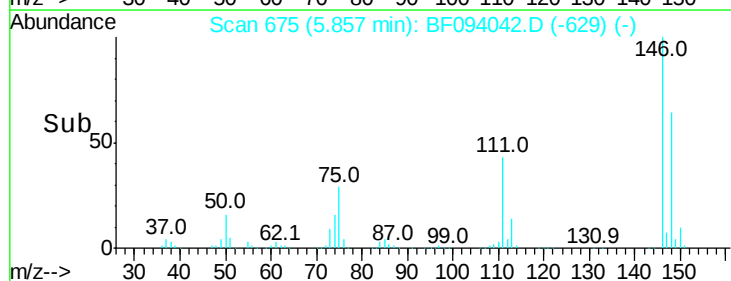
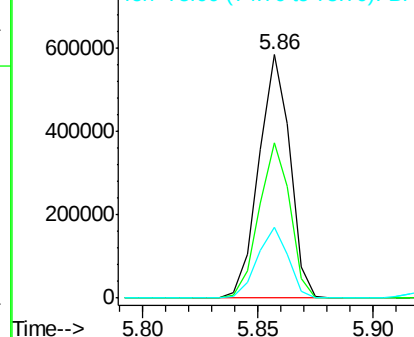


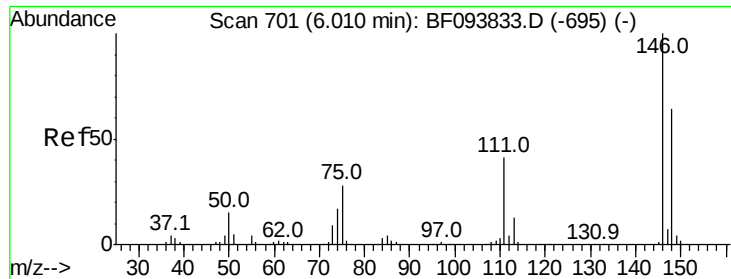
#12
1,3-Dichlorobenzene
Concen: 44.54 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion: 146 Resp: 549949
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
75 29.1 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

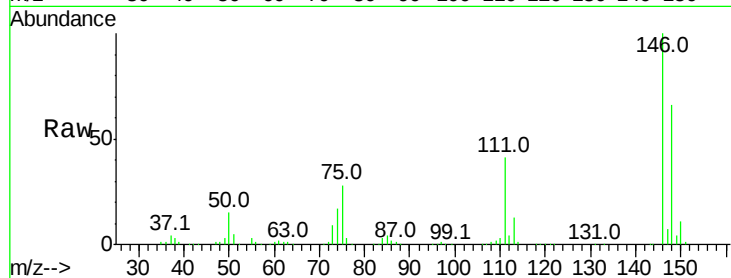




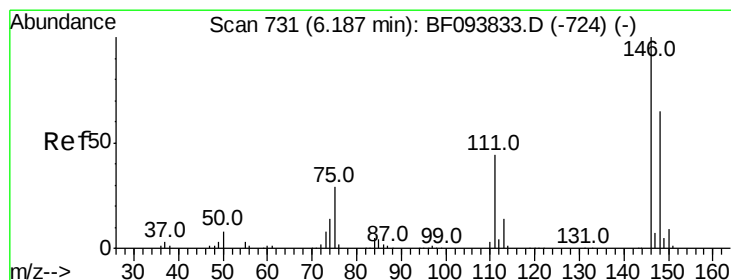
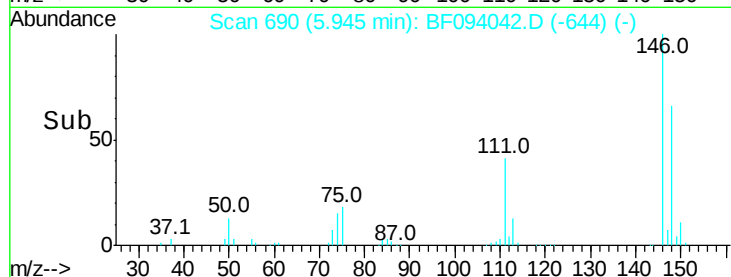
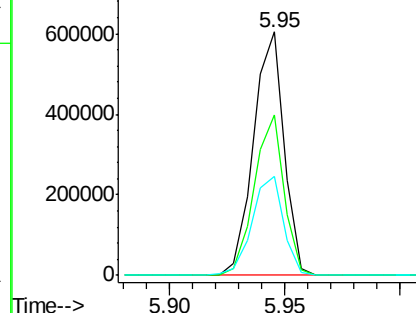
#13
 1,4-Dichlorobenzene
 Concen: 44.71 ng
 RT: 5.95 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

Tot Ion:146 Resp: 559085
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.2
 111 40.8 30.3 45.5

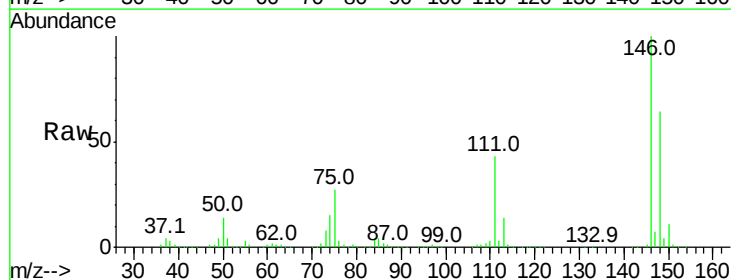


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

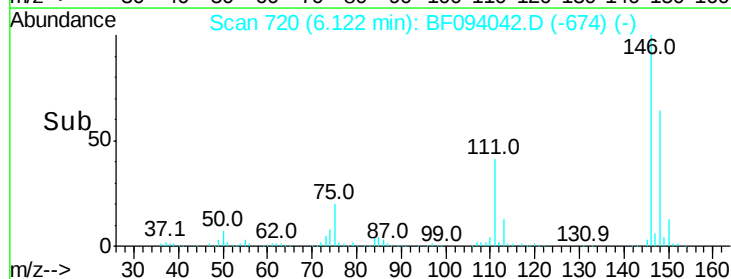
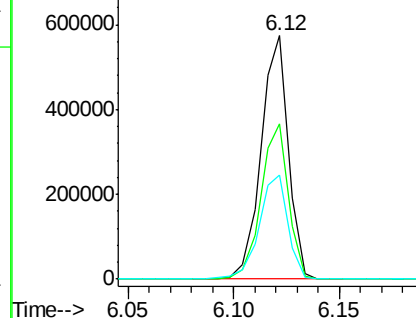


#14
 1,2-Dichlorobenzene
 Concen: 44.77 ng
 RT: 6.12 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:146 Resp: 515583
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.54 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

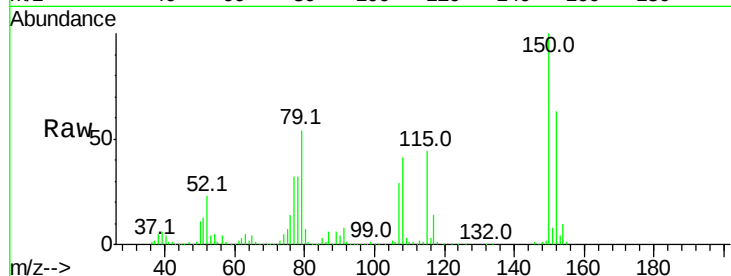
Tot Ion: 79 Resp: 412888

Ion Ratio Lower Upper

79 100

108 76.6 63.4 95.0

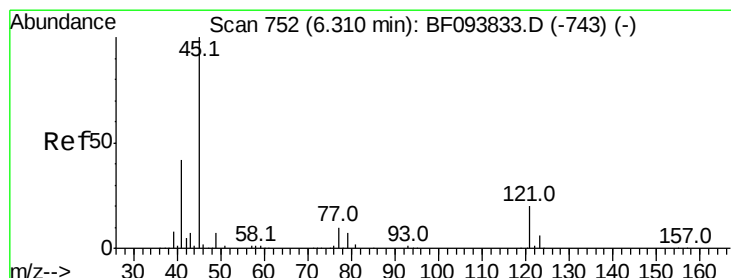
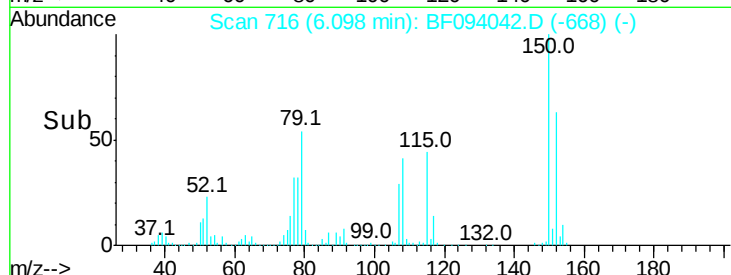
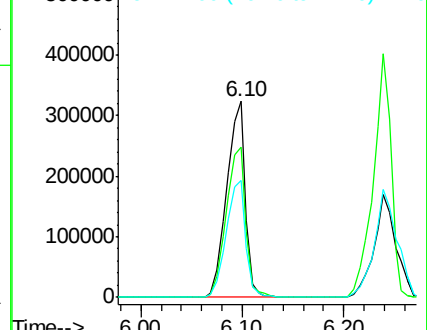
77 59.9 49.2 73.8



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: 40.06 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

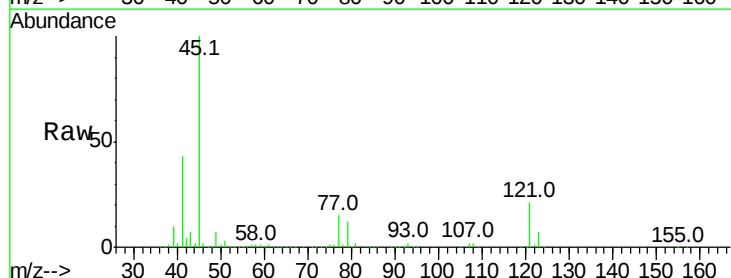
Tgt Ion: 45 Resp: 680049

Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.2

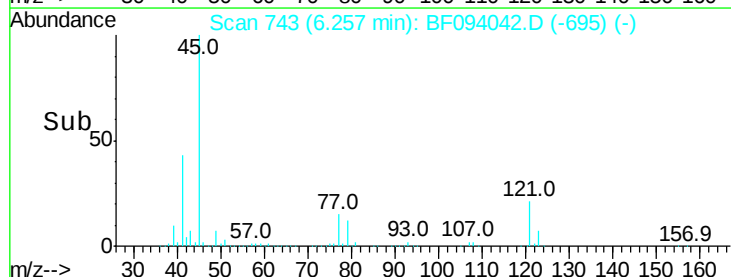
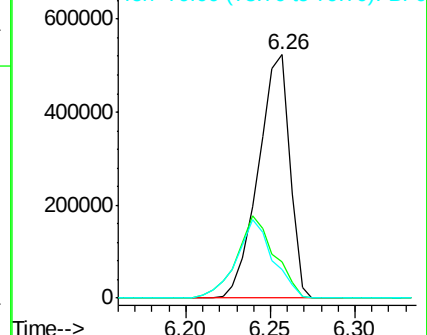
79 11.6 0.0 30.0

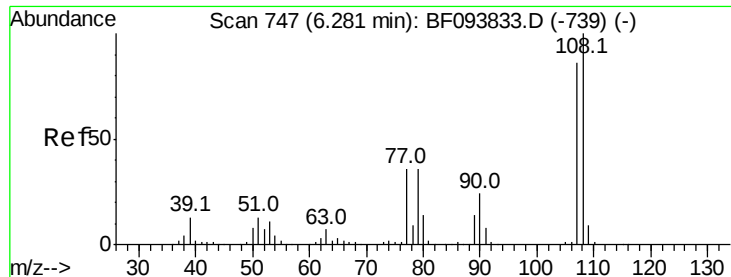


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

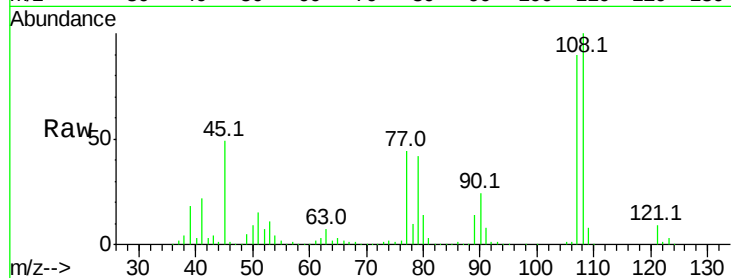




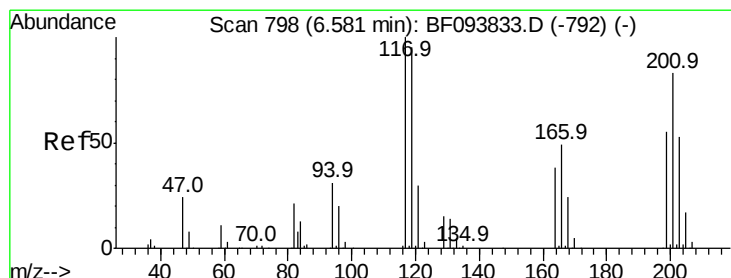
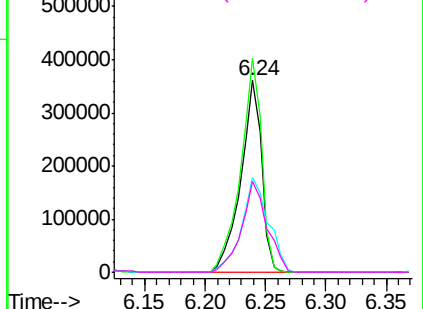
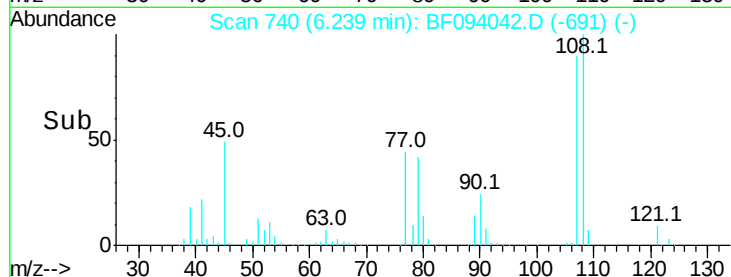
#17
2-Methylphenol
Concen: 46.33 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion:107 Resp: 436695
Ion Ratio Lower Upper
107 100
108 111.4 93.4 140.0
77 49.2 35.8 53.6
79 47.1 34.8 52.2

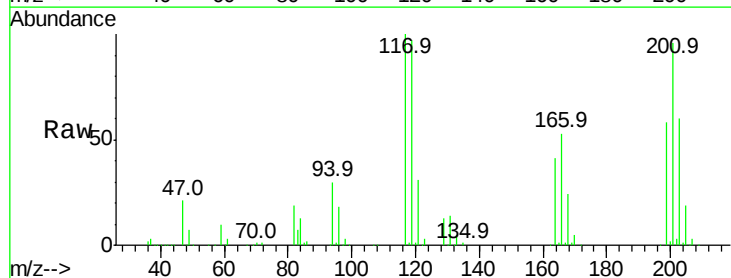


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

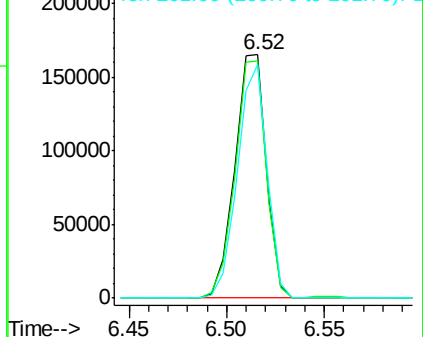
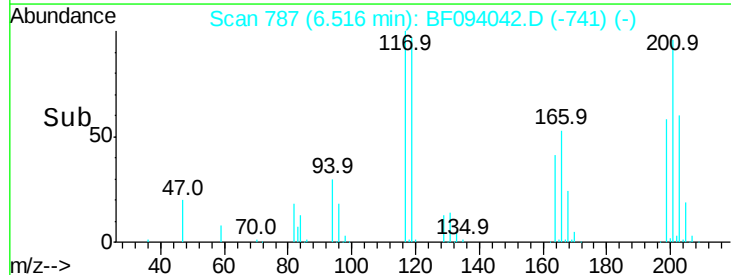


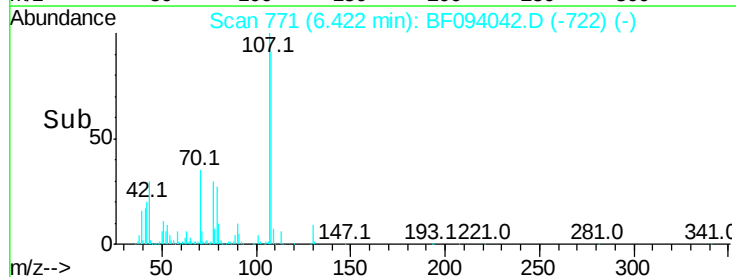
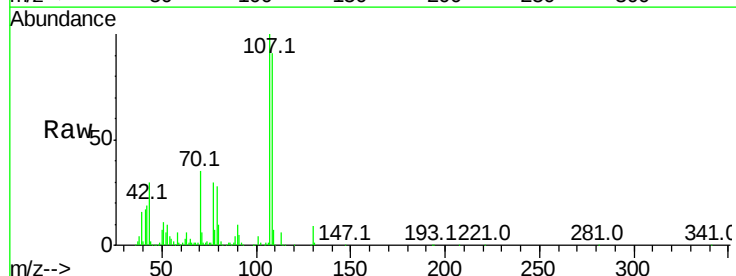
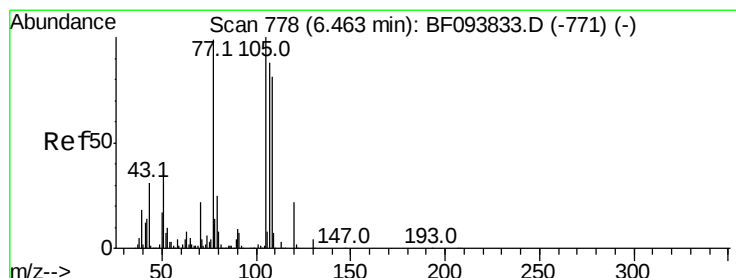
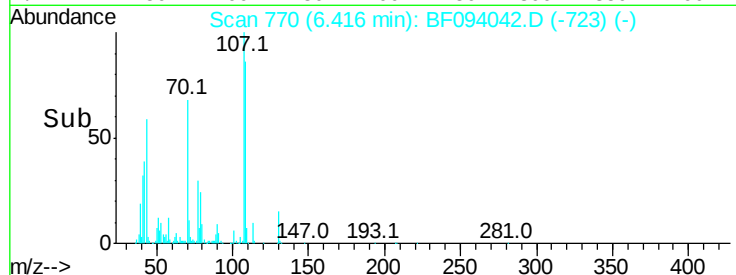
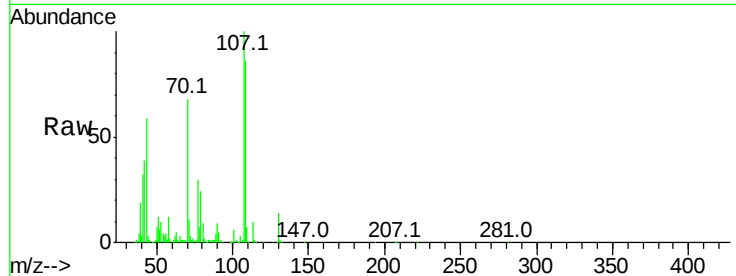
#18
Hexachloroethane
Concen: 41.78 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:117 Resp: 183620
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
201 96.0 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: 45.64 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.02 min

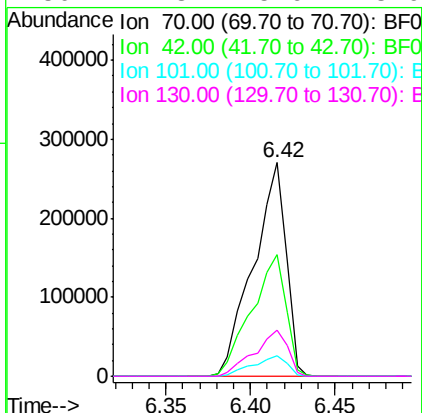
Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion: 70 Resp: 363371

Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.2	70.8
101	9.4	7.2	10.8
130	21.3	15.9	23.9



#20

3+4-Methylphenols

Concen: 50.41 ng

RT: 6.42 min Scan# 771

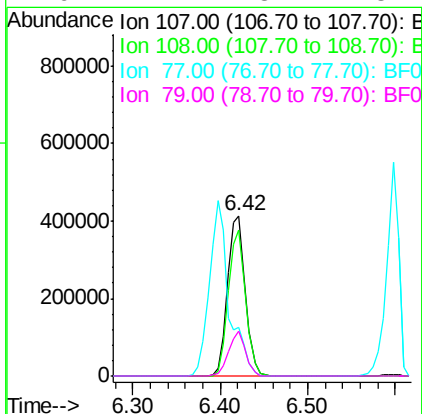
Delta R.T. -0.01 min

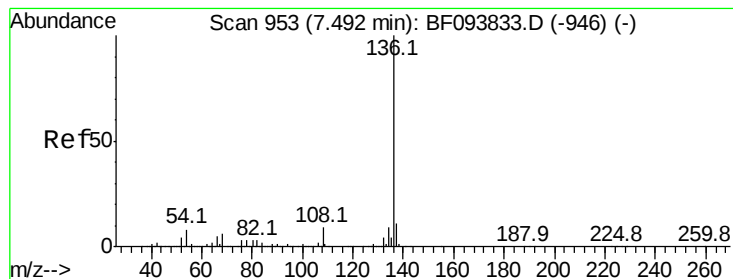
Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion: 107 Resp: 575500

Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.0	111.0
77	30.0	90.5	130.5#
79	27.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

Tot Ion:136 Resp: 677969

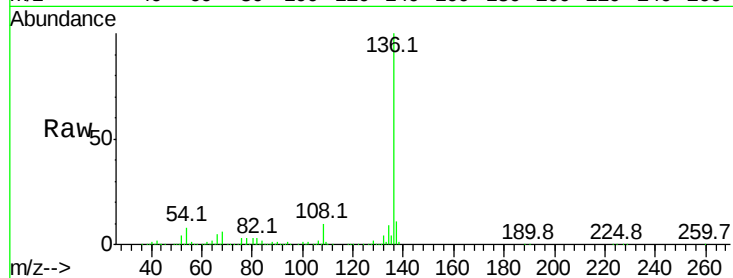
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.7 4.9 7.3#

68 5.9 4.1 6.1

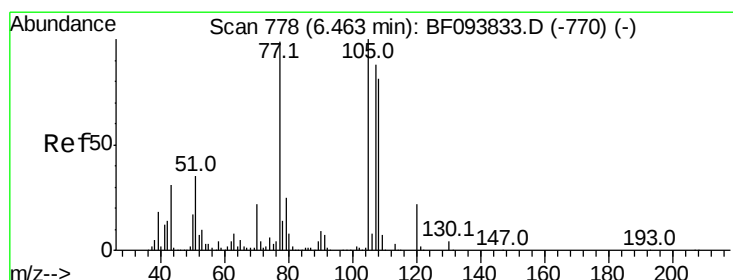
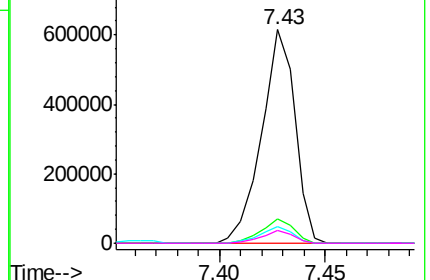
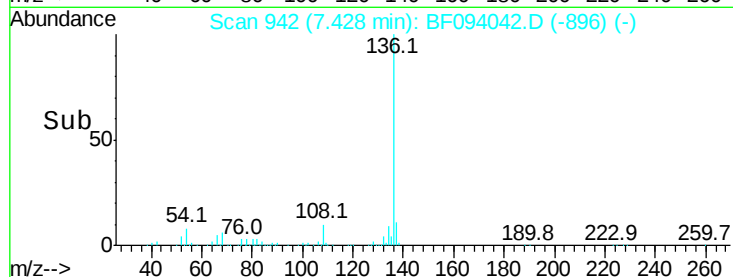


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.99 ng

RT: 6.40 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:105 Resp: 740315

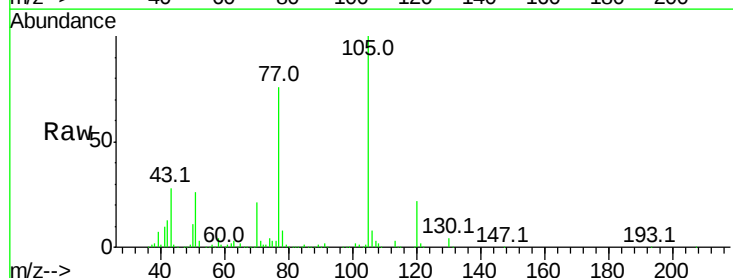
Ion Ratio Lower Upper

105 100

71 3.3 2.8 4.2

51 25.7 30.7 46.1#

120 22.0 17.4 26.0

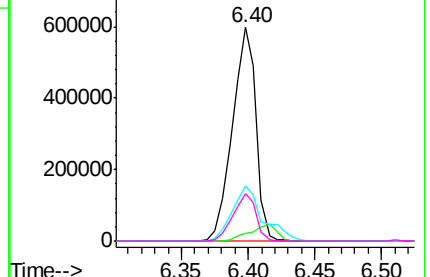
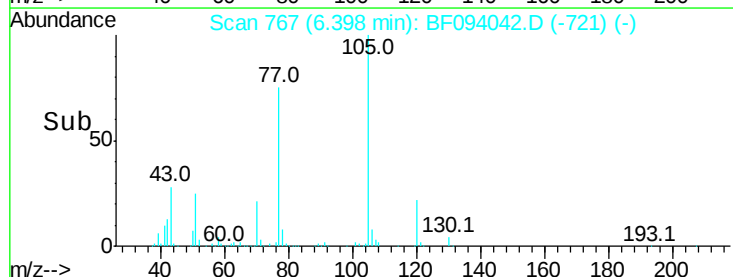


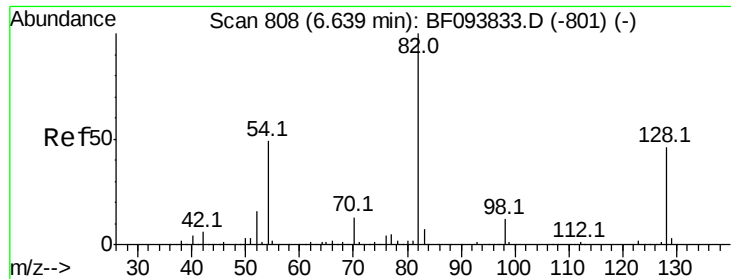
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

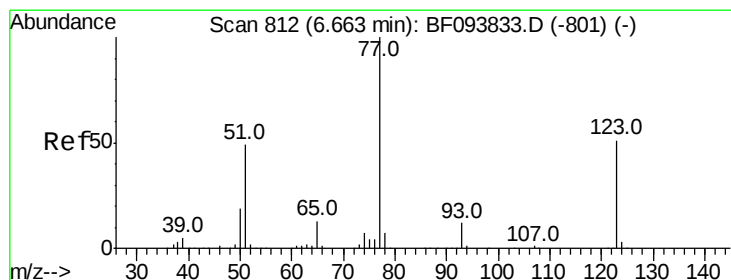
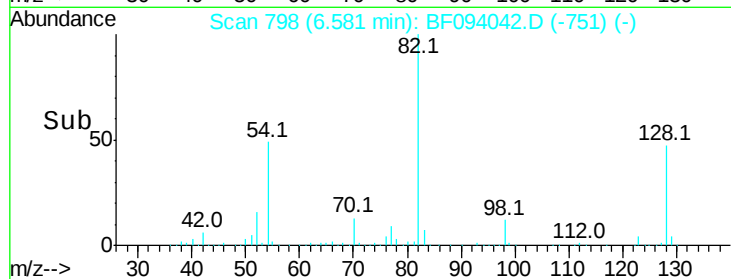
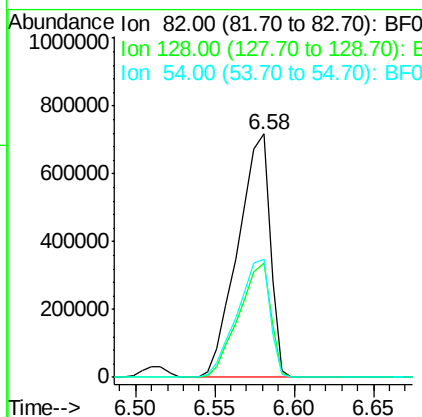
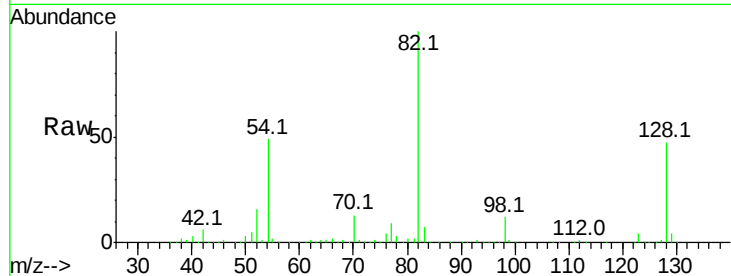




#23
 Nitrobenzene-d5
 Concen: 85.37 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

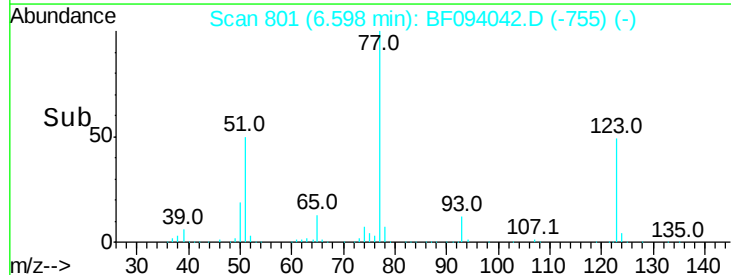
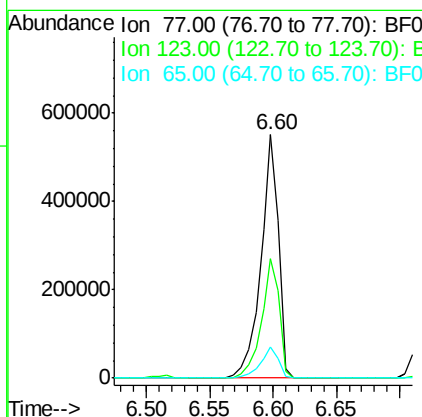
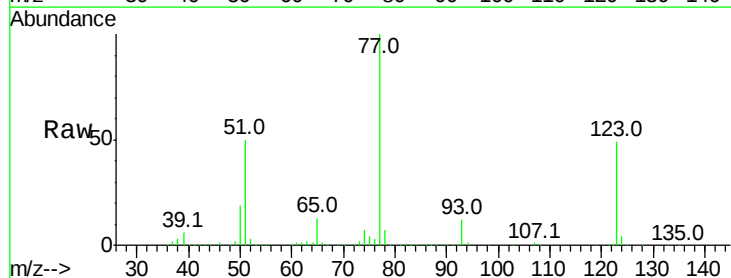
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

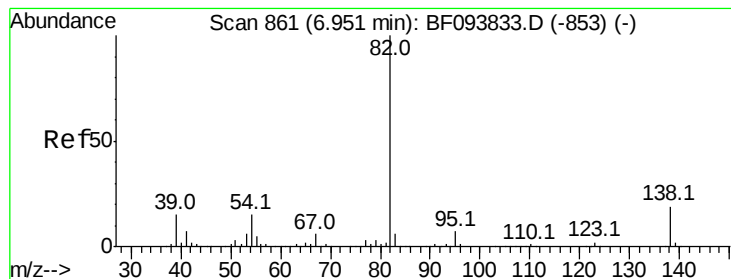
Tot Ion: 82 Resp: 1014160
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 48.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 45.77 ng
 RT: 6.60 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion: 77 Resp: 536253
 Ion Ratio Lower Upper
 77 100
 123 48.8 35.8 53.8
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 46.14 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

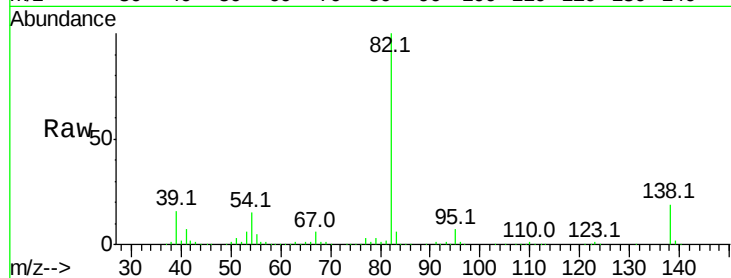
Tot Ion: 82 Resp: 963242

Ion Ratio Lower Upper

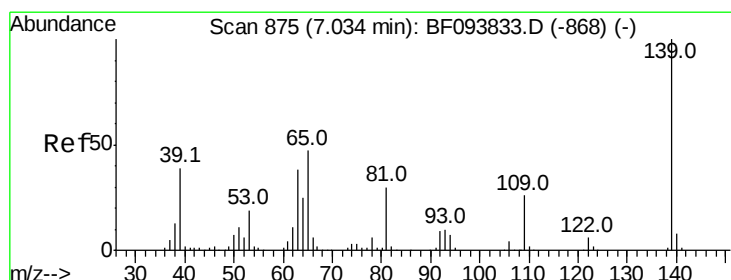
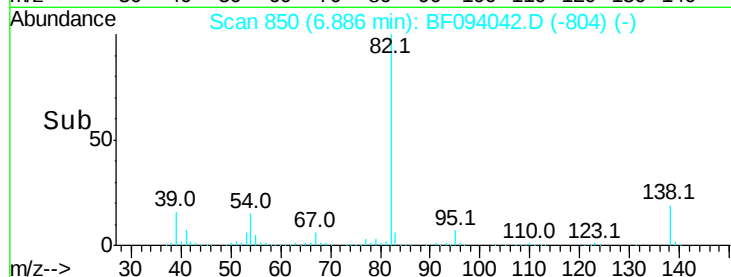
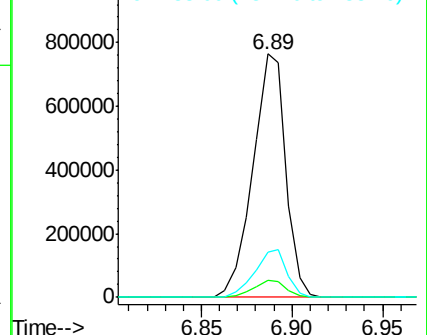
82 100

95 6.8 5.3 7.9

138 18.8 13.1 19.7



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



#26

2-Nitrophenol

Concen: 33.63 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

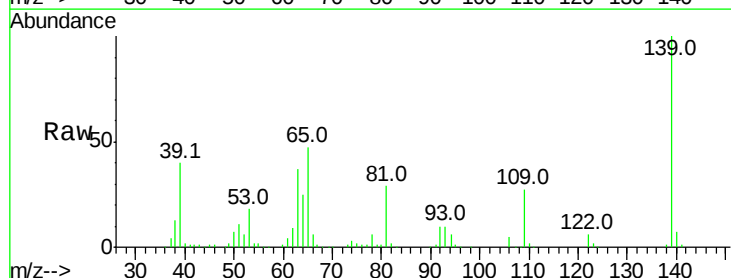
Tgt Ion:139 Resp: 187909

Ion Ratio Lower Upper

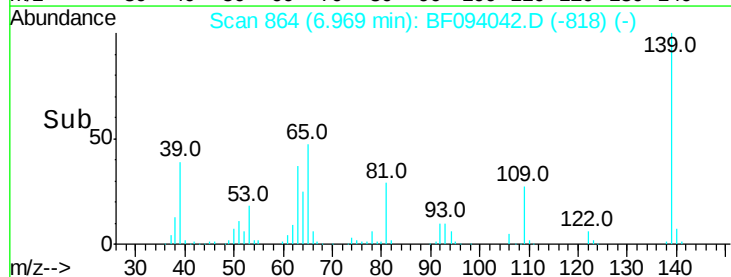
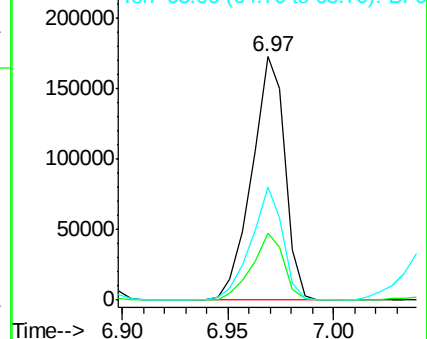
139 100

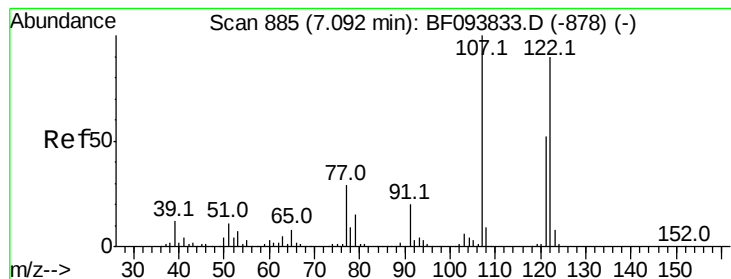
109 27.4 21.0 31.6

65 46.6 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 49.44 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

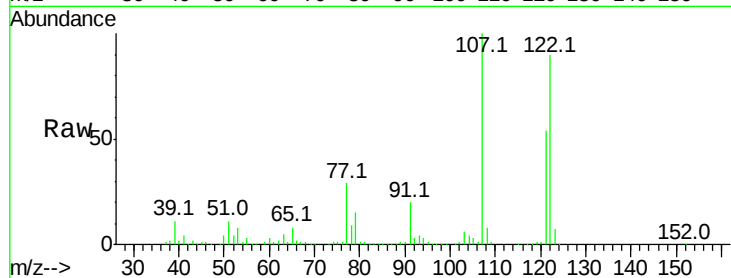
Tot Ion:122 Resp: 475964

Ion Ratio Lower Upper

122 100

107 111.2 89.2 133.8

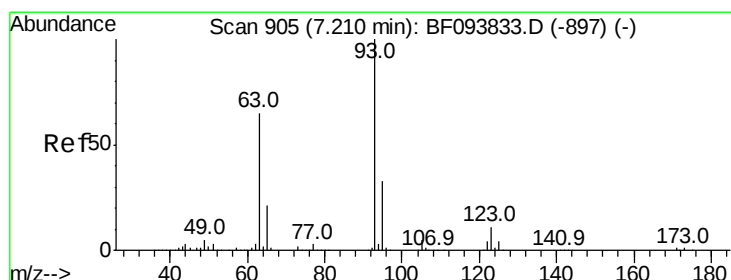
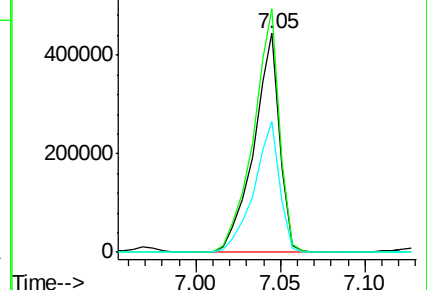
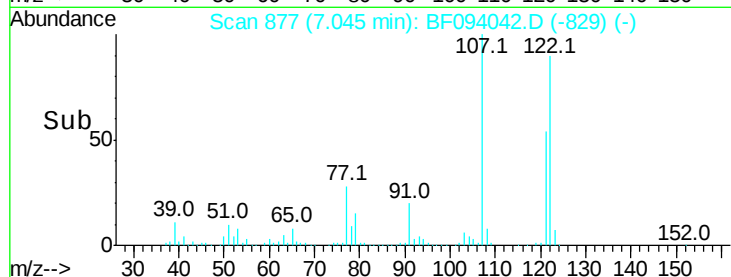
121 59.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.09 ng

RT: 7.15 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

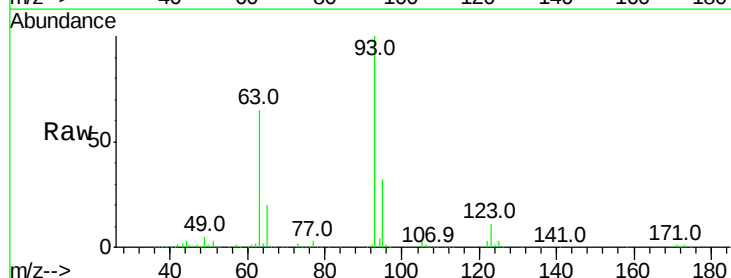
Tgt Ion: 93 Resp: 634506

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

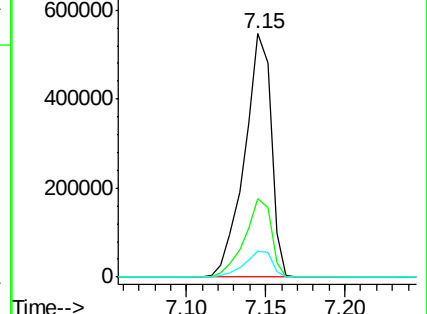
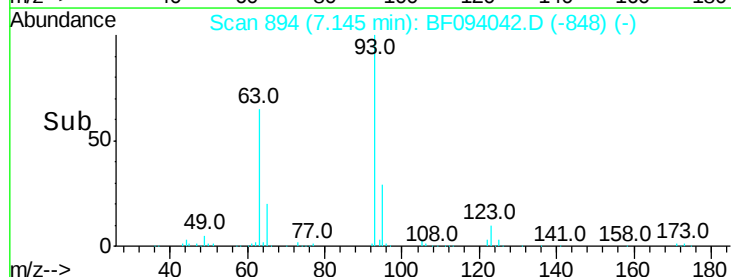
123 10.9 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

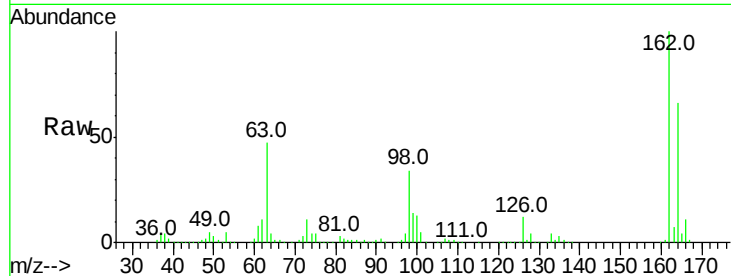




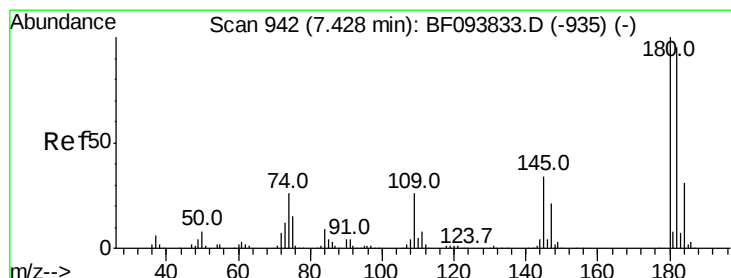
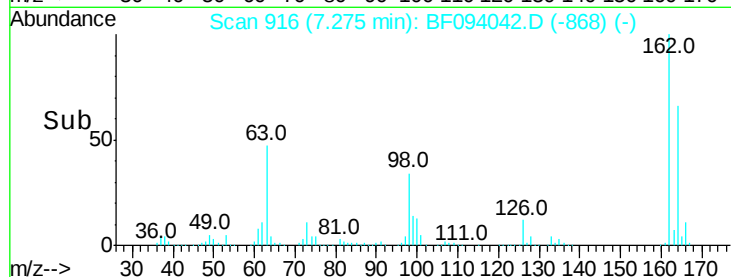
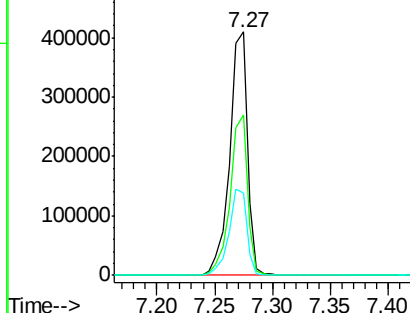
#29
 2,4-Dichlorophenol
 Concen: 48.86 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.6	84.6
98	33.8	14.8	54.8

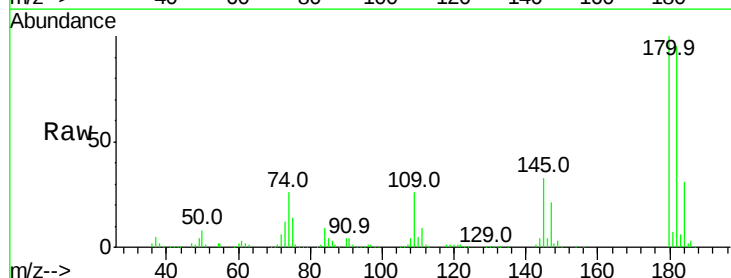


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

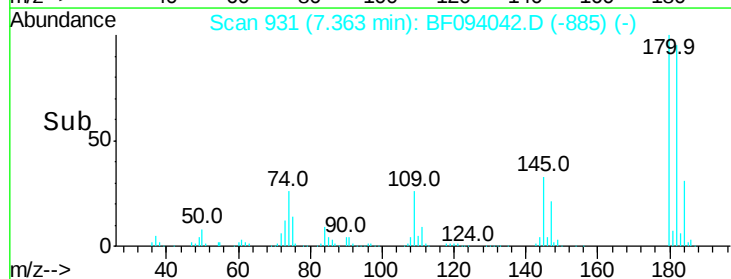
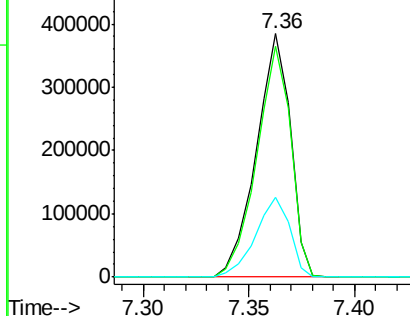


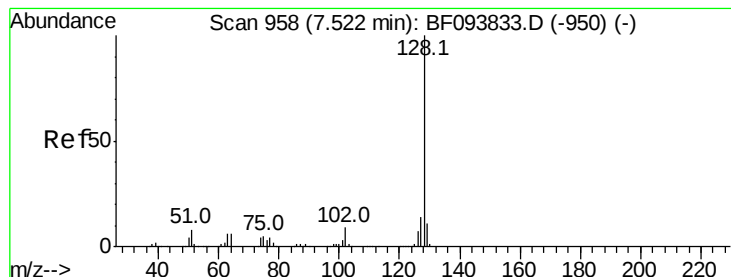
#30
 1,2,4-Trichlorobenzene
 Concen: 46.59 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	32.9	25.3	37.9



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





#31

Naphthalene

Concen: 46.05 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

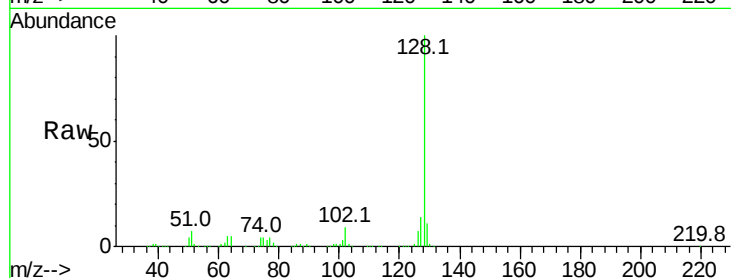
Tot Ion:128 Resp: 1501163

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

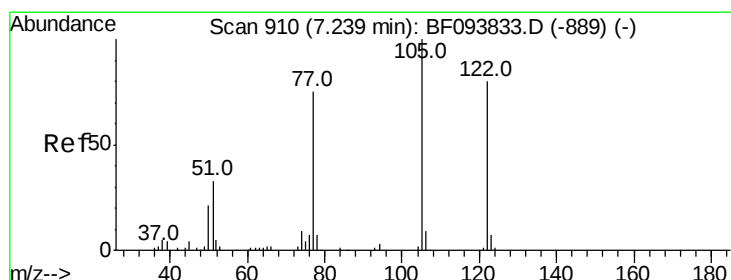
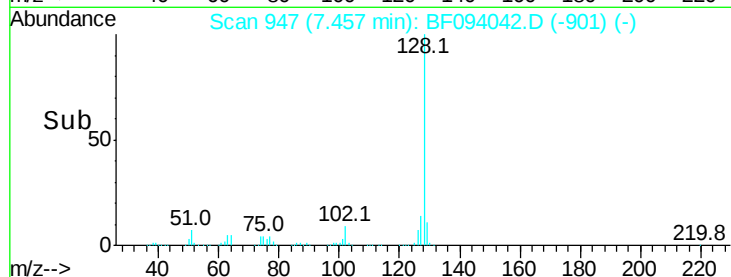
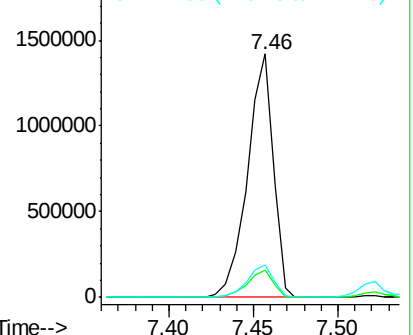
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.72 ng

RT: 7.14 min Scan# 893

Delta R.T. -0.08 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

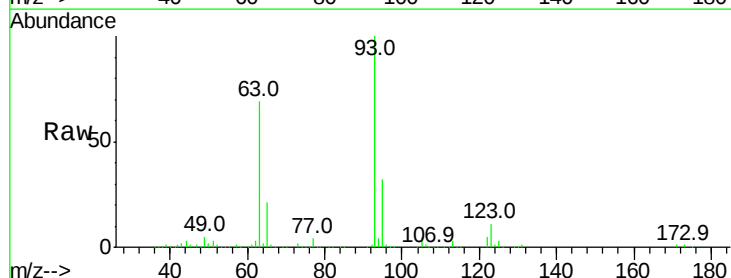
Tgt Ion:122 Resp: 23872

Ion Ratio Lower Upper

122 100

105 109.7 103.3 143.3

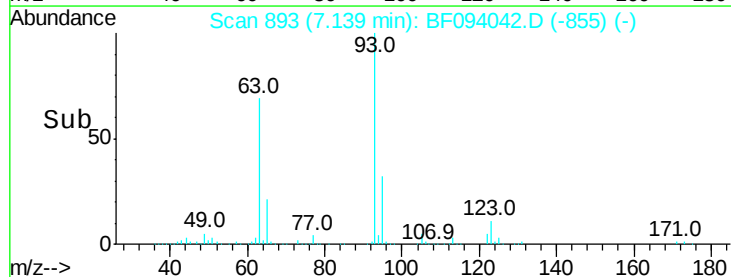
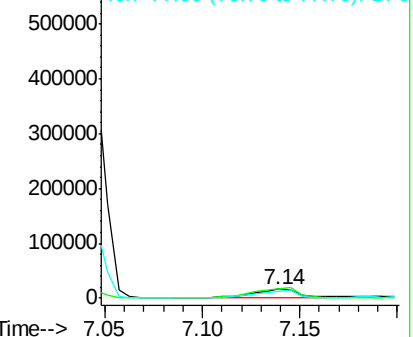
77 83.5 73.7 113.7

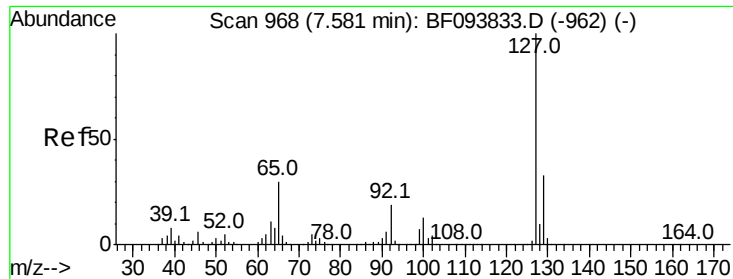


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

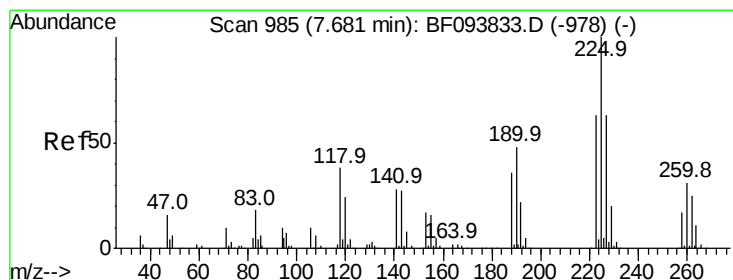
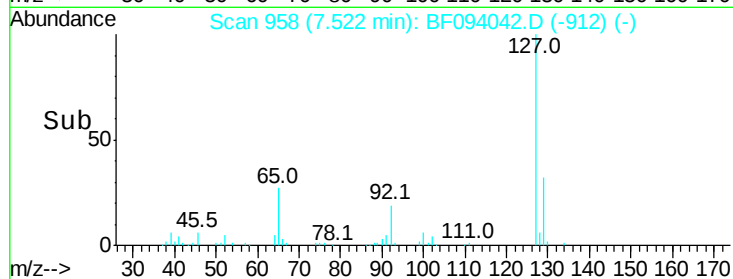
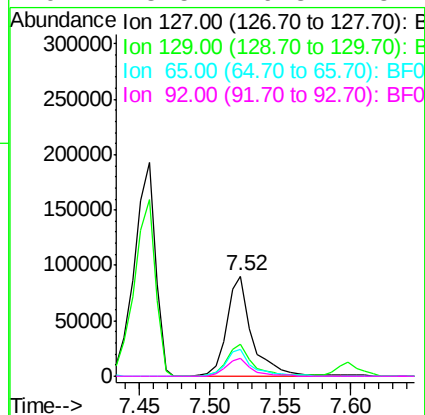
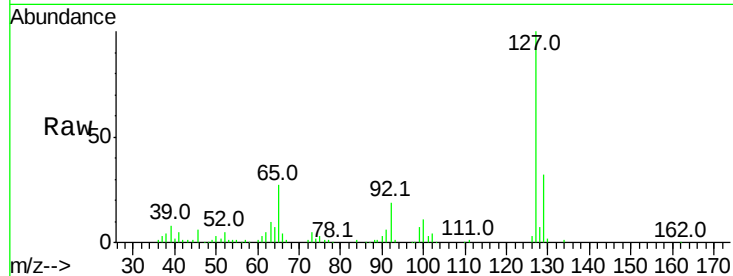




#33
4-Chloroaniline
Concen: 8.51 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

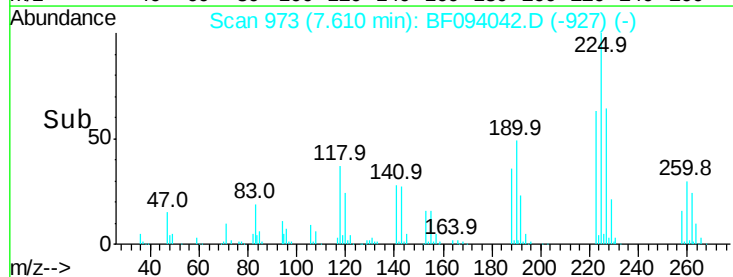
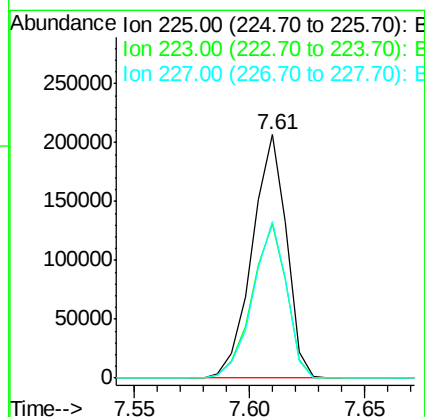
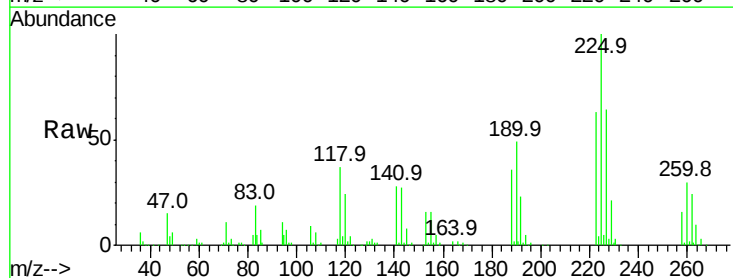
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

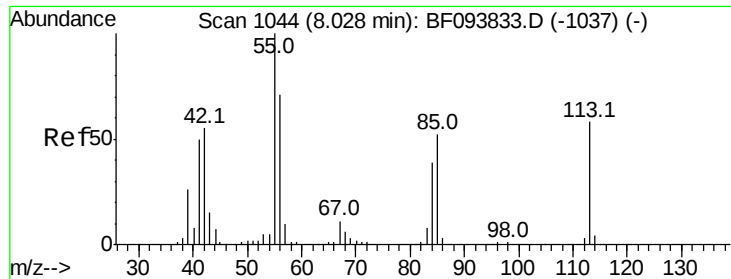
Tot Ion:	127	Resp:	112402
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	27.2	27.8	41.8#
92	18.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.24 ng
RT: 7.61 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:	225	Resp:	215120
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	64.1	51.1	76.7

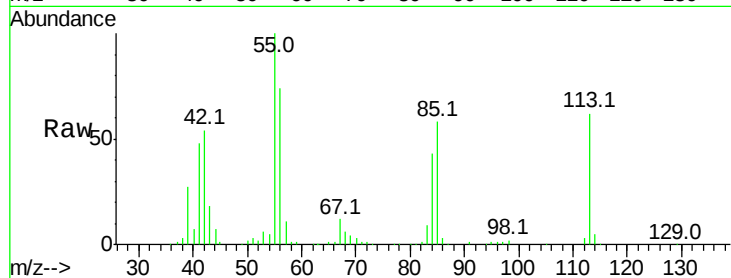




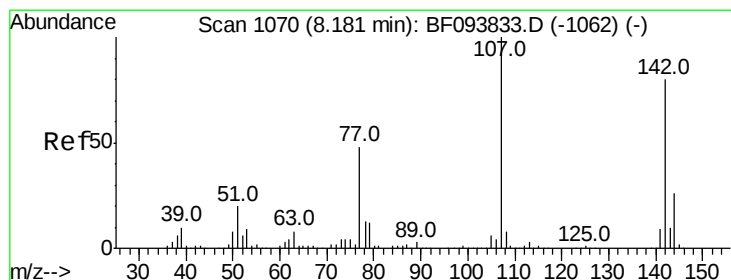
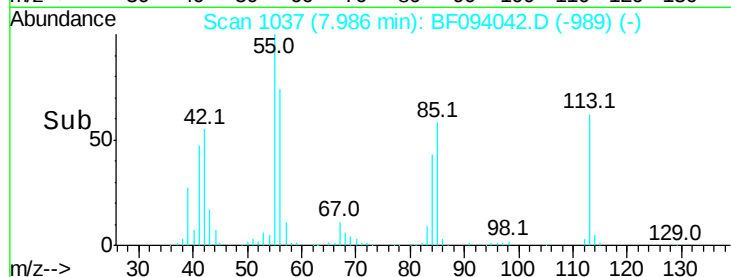
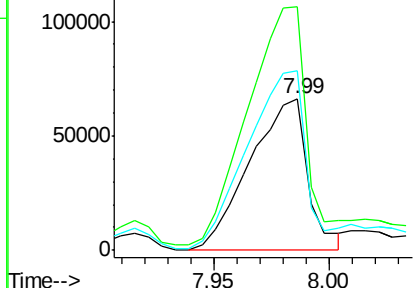
#35
 Caprolactam
 Concen: 40.31 ng
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

Tot Ion:113 Resp: 115713
 Ion Ratio Lower Upper
 113 100
 55 160.6 150.2 190.2
 56 118.4 107.8 147.8

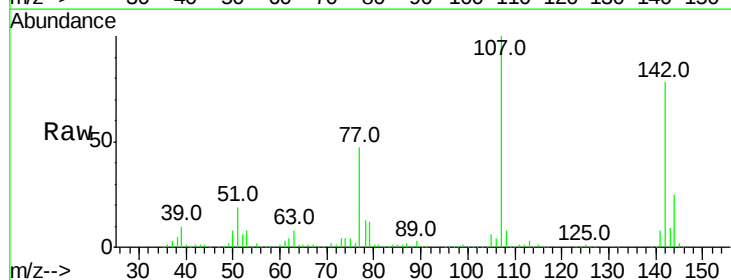


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

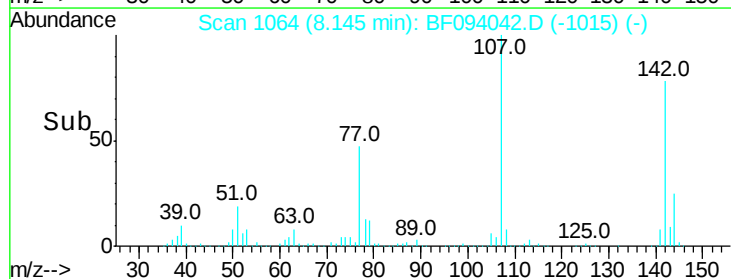
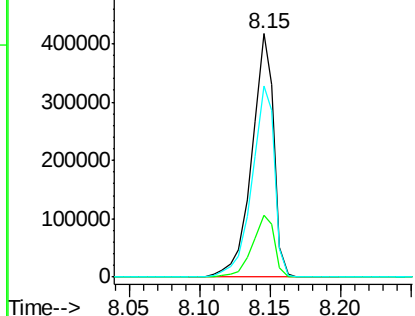


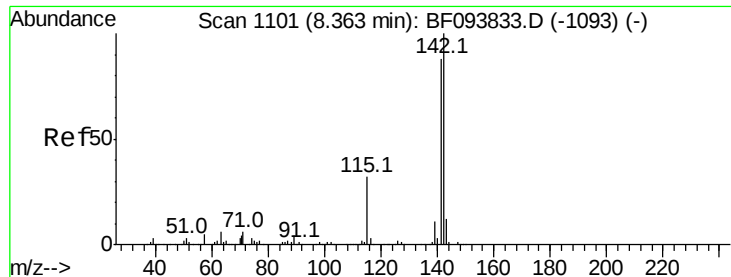
#36
 4-Chloro-3-methylphenol
 Concen: 48.62 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:107 Resp: 457343
 Ion Ratio Lower Upper
 107 100
 144 25.2 24.2 36.4
 142 78.3 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.77 ng

RT: 8.30 min Scan# 1090

Delta R.T. -0.03 min

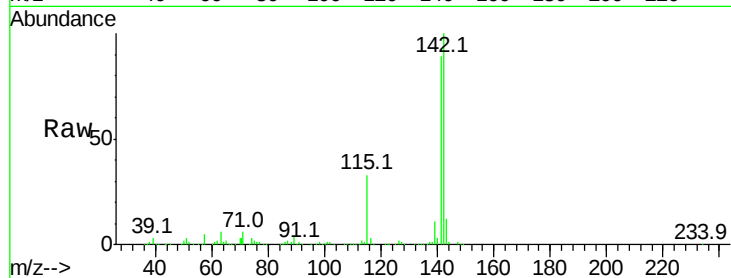
Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion:142 Resp: 1016337

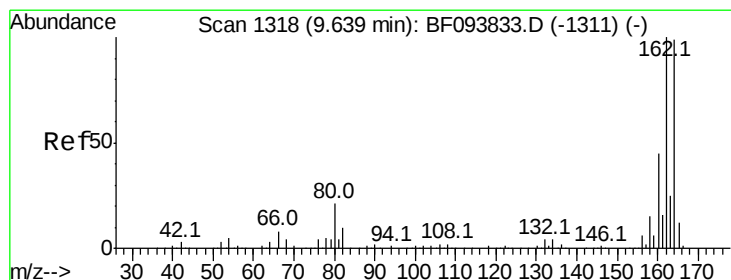
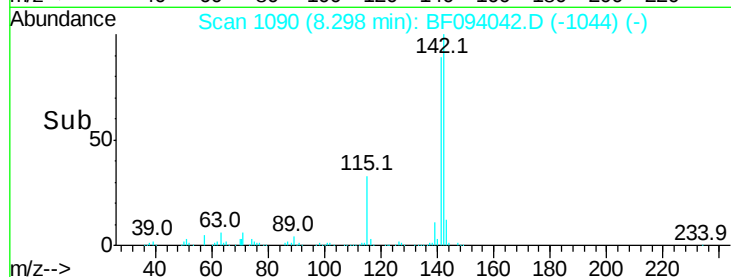
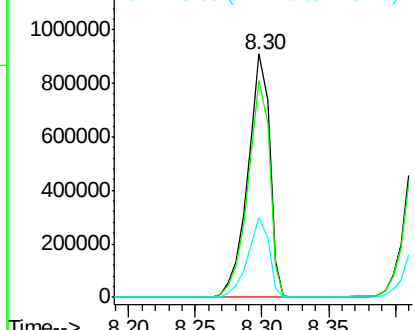
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	32.9	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1307

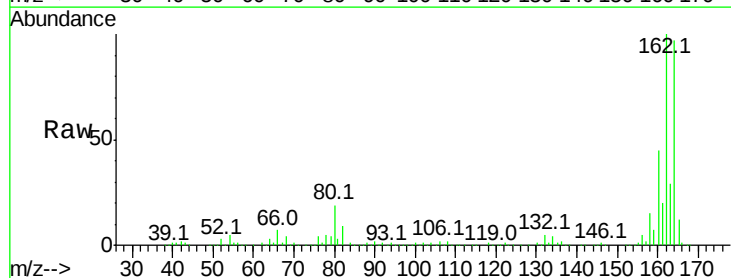
Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:164 Resp: 302584

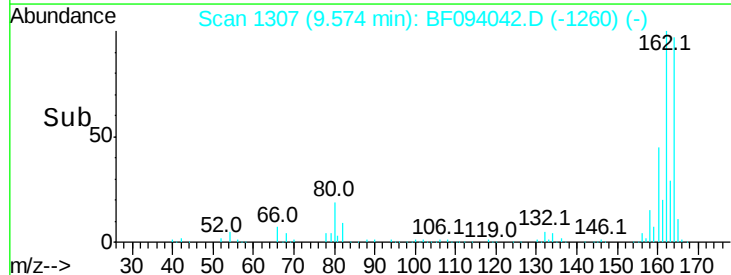
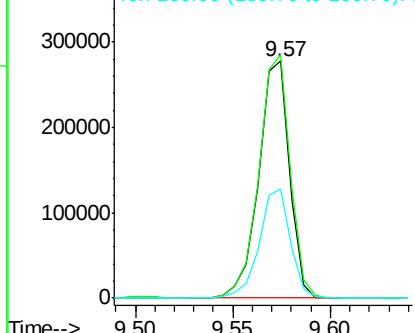
Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.4	36.2	54.2

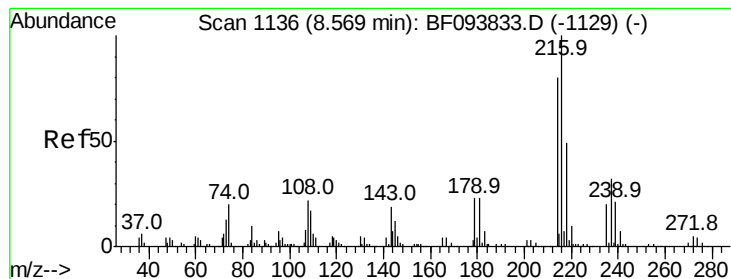


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.26 ng

RT: 8.50 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:216 Resp: 382956

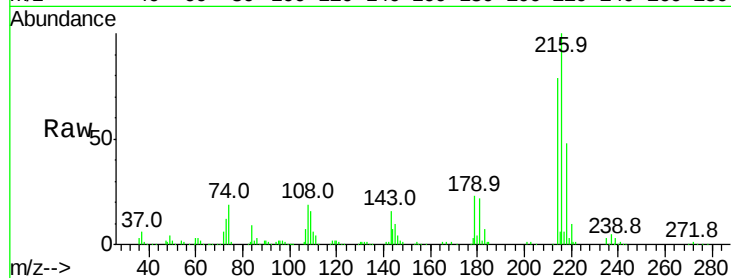
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.2 17.9 26.9

108 19.7 16.5 24.7

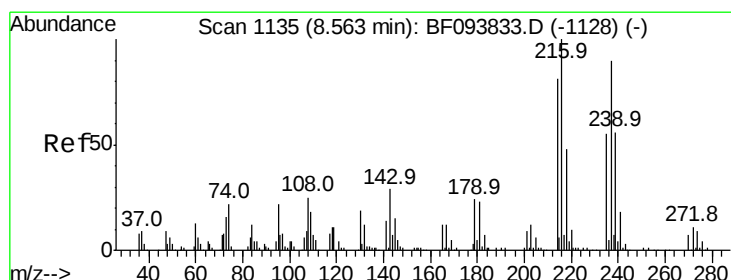
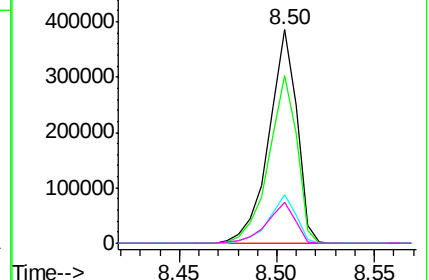
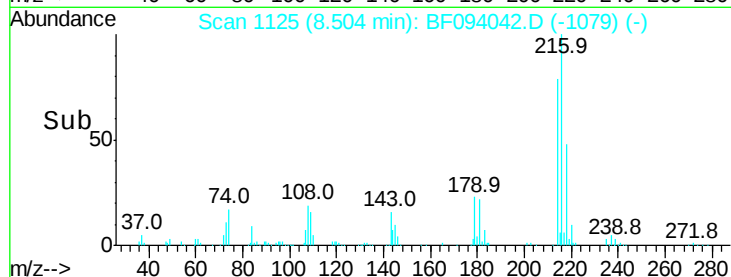


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.60 ng

RT: 8.49 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

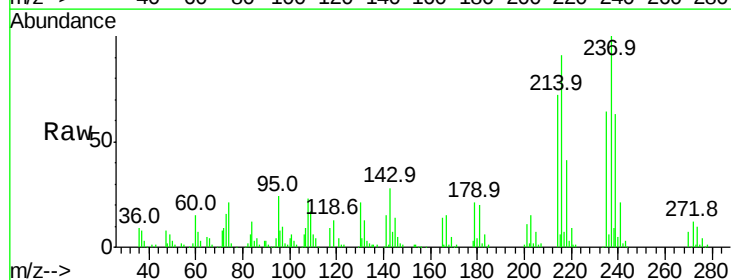
Tgt Ion:237 Resp: 126275

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

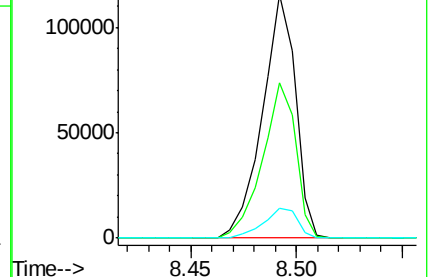
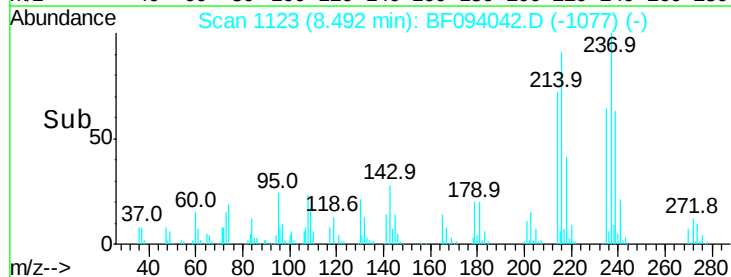
272 12.1 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

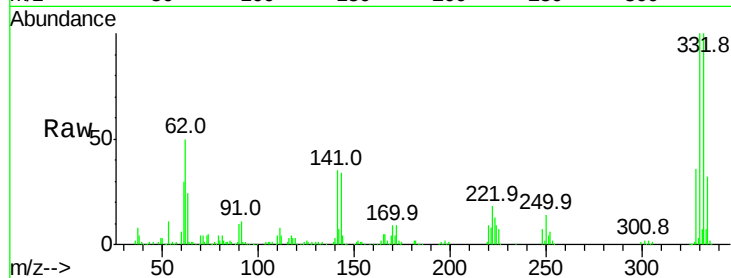




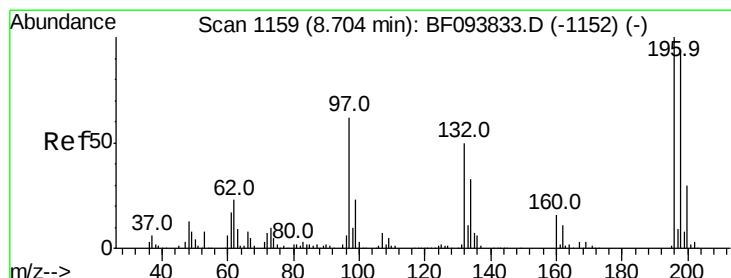
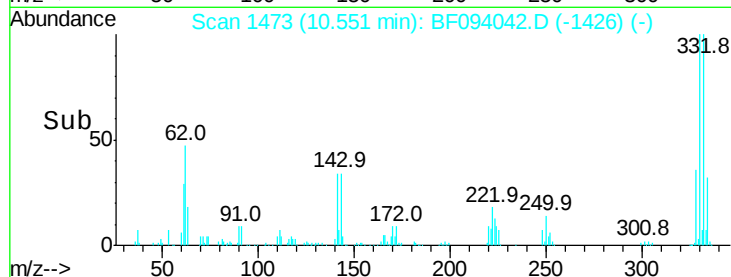
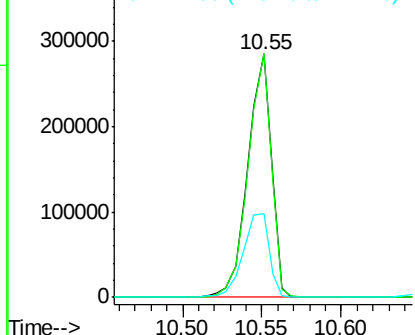
#41
 2,4,6-Tribromophenol
 Concen: 123.00 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	38.7	31.4	47.2

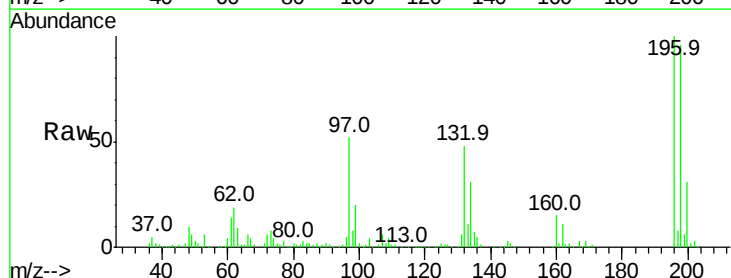


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

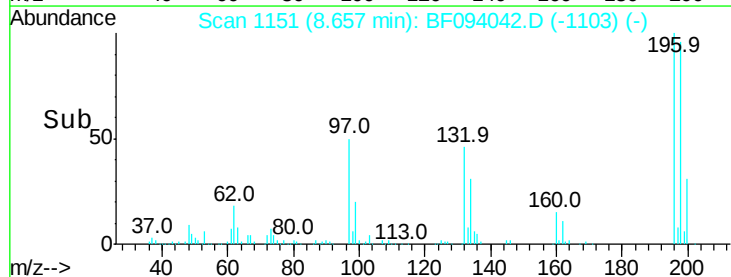
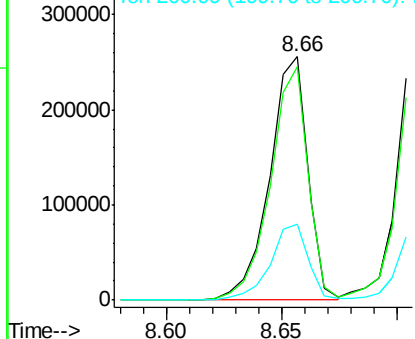


#42
 2,4,6-Trichlorophenol
 Concen: 50.02 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
200	31.2	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

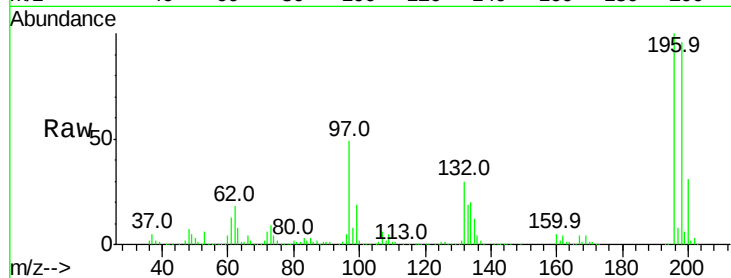




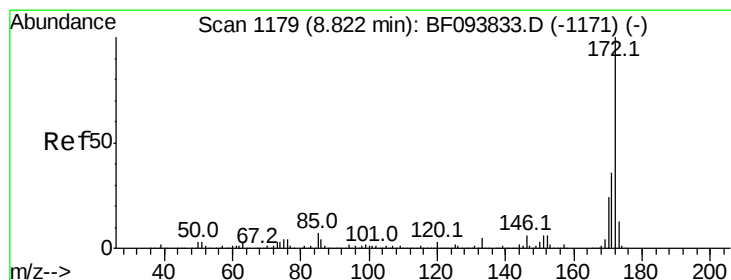
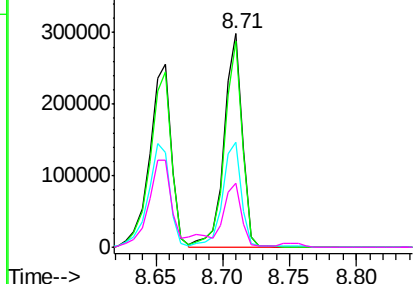
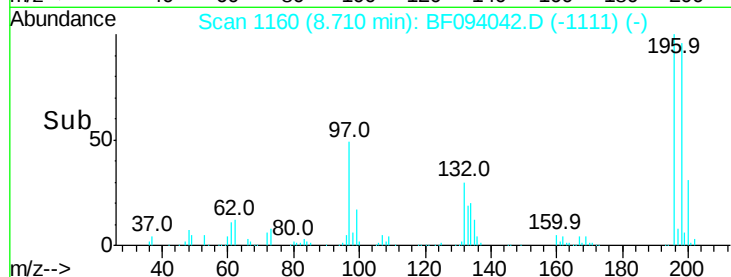
#43
 2,4,5-Trichlorophenol
 Concen: 45.52 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion:196 Resp: 288483
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 97 49.1 47.7 71.5
 132 30.3 28.0 42.0

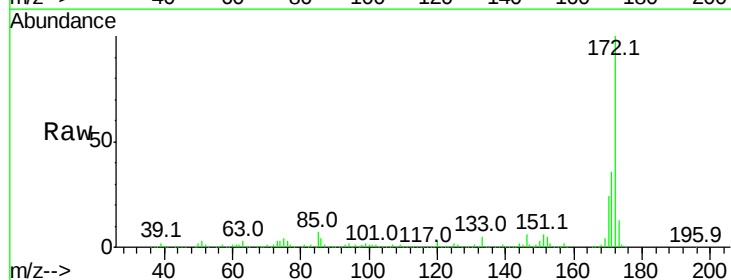


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

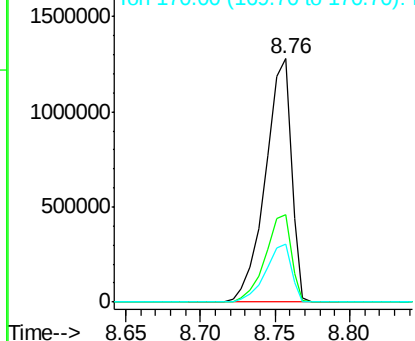
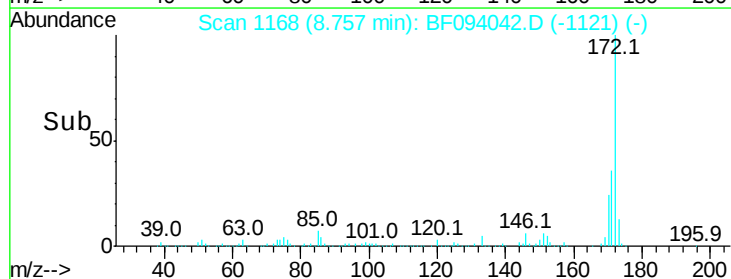


#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:172 Resp: 1535424
 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

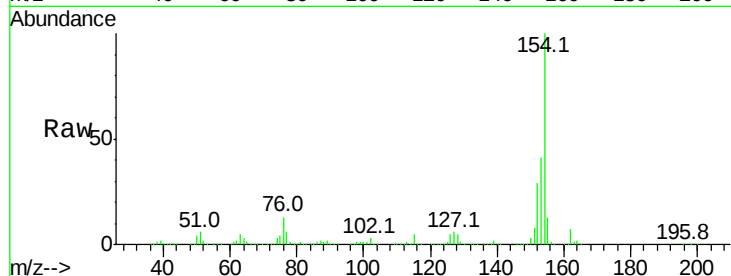




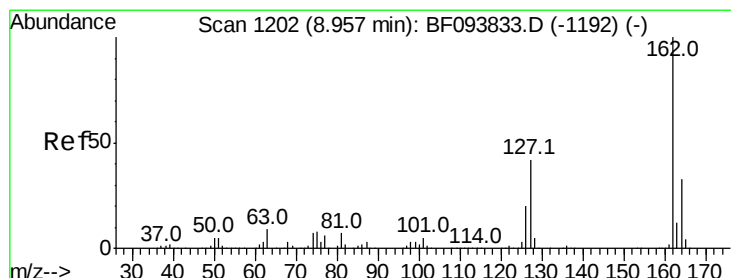
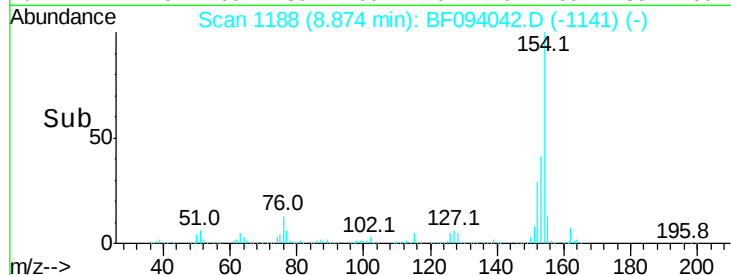
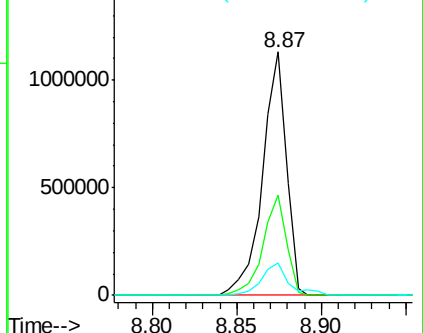
#45
 1,1'-Biphenyl
 Concen: 45.31 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion:154 Resp: 1105821
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 13.4 0.0 29.9

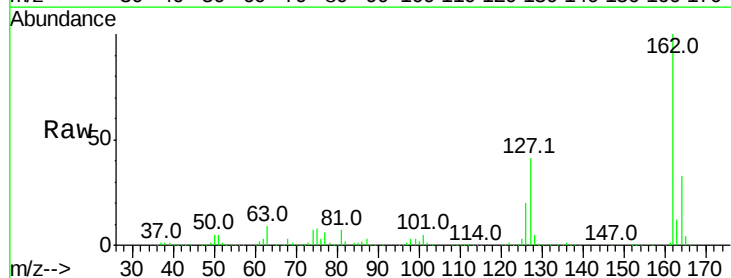


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

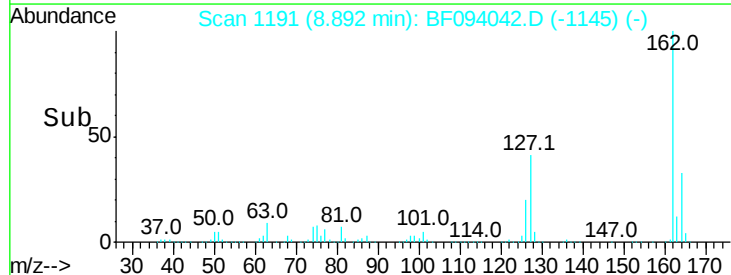
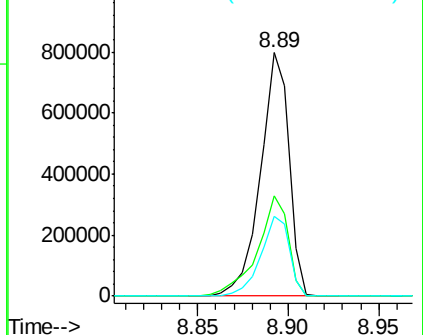


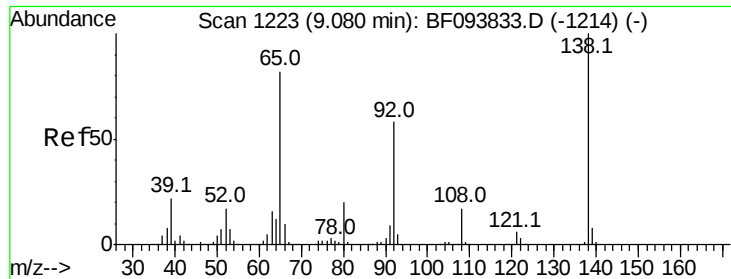
#46
 2-Chloronaphthalene
 Concen: 45.75 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:162 Resp: 874138
 Ion Ratio Lower Upper
 162 100
 127 41.2 28.3 42.5
 164 32.7 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

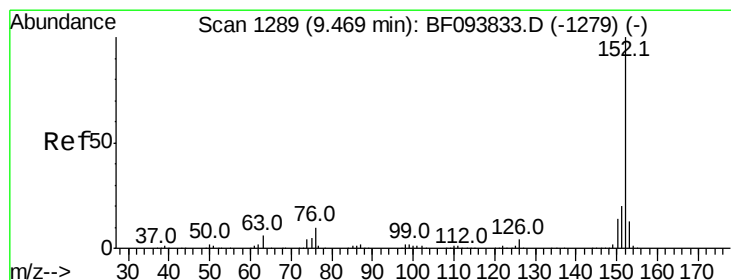
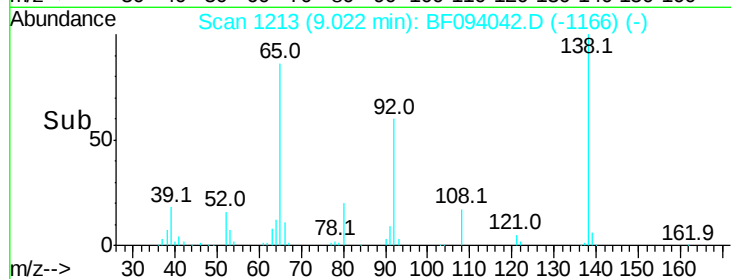
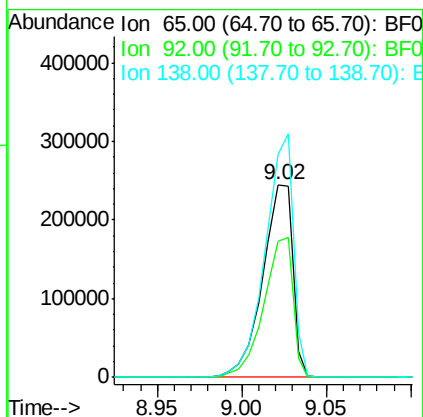
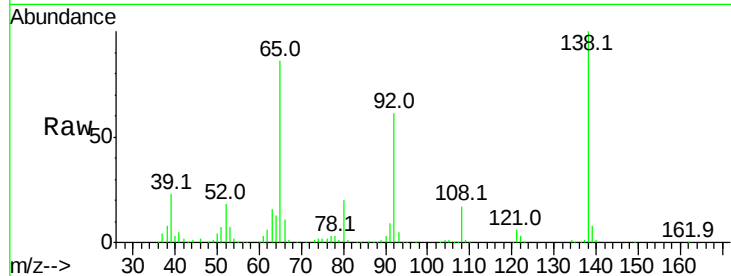




#47
 2-Nitroaniline
 Concen: 53.39 ng
 RT: 9.02 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

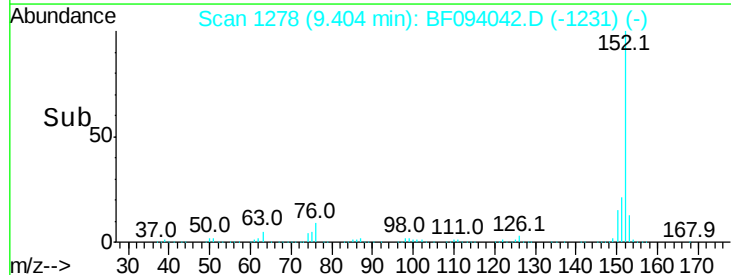
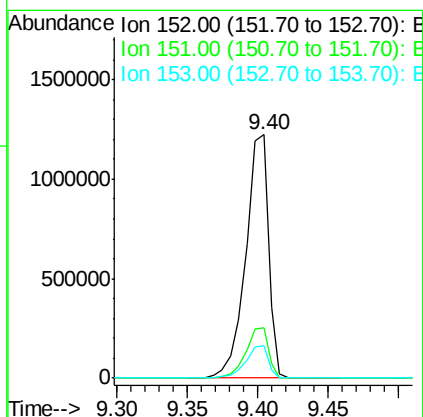
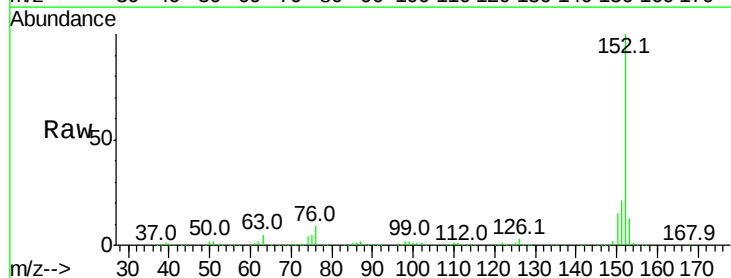
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

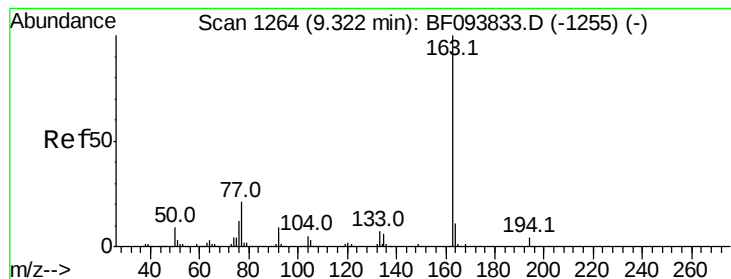
Tot Ion: 65 Resp: 302611
 Ion Ratio Lower Upper
 65 100
 92 70.5 53.9 80.9
 138 115.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 43.69 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:152 Resp: 1387098
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 54.51 ng

RT: 9.26 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

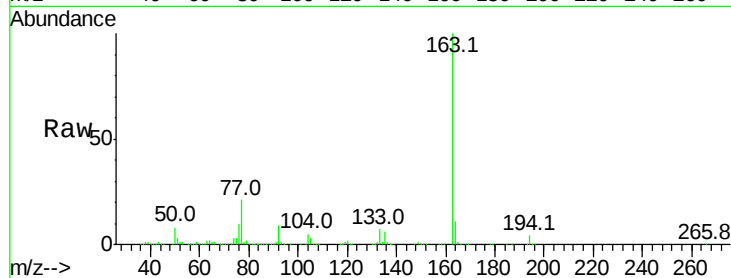
Tot Ion:163 Resp: 1172408

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

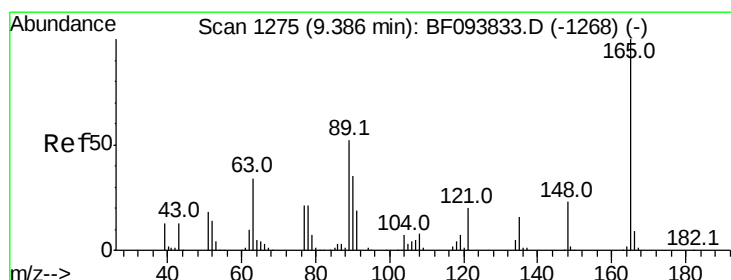
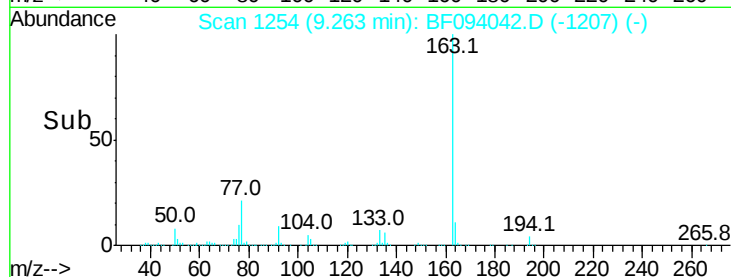
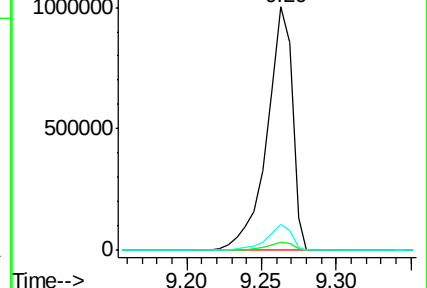
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.25 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

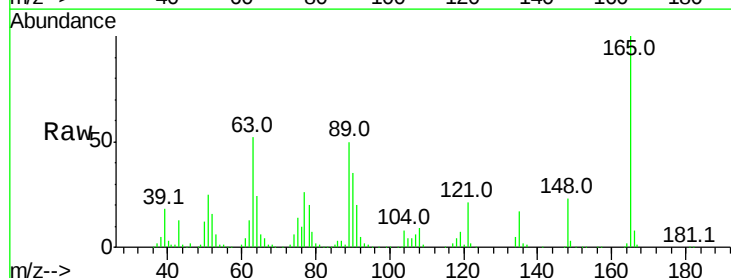
Tgt Ion:165 Resp: 203385

Ion Ratio Lower Upper

165 100

63 52.1 34.3 51.5#

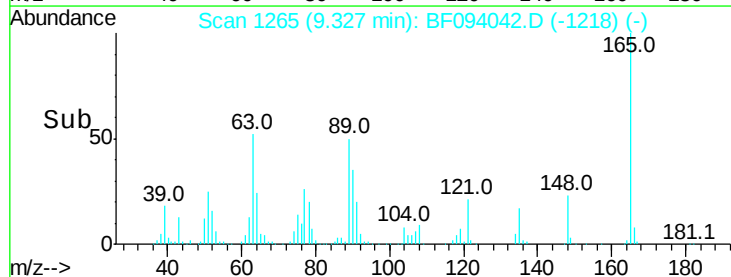
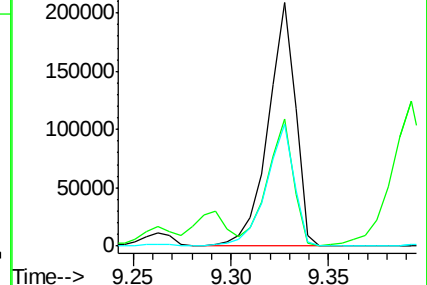
89 50.2 37.1 55.7

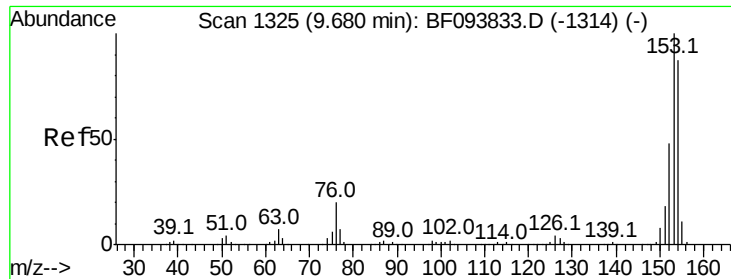


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.48 ng

RT: 9.62 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

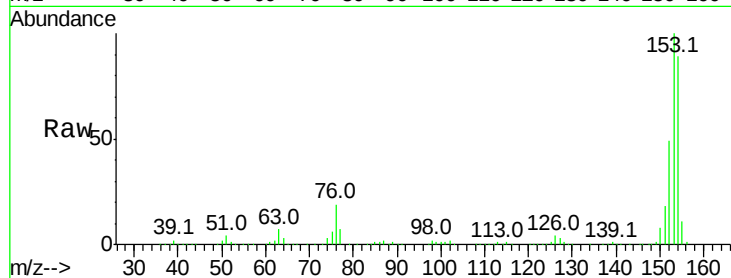
Tot Ion:154 Resp: 824149

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

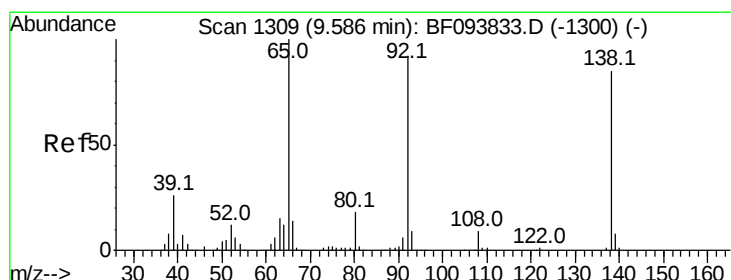
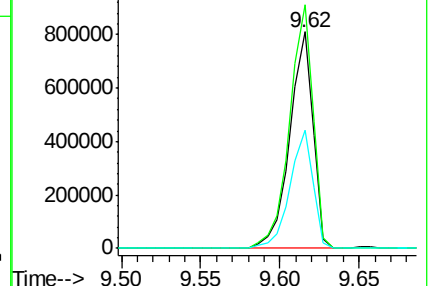
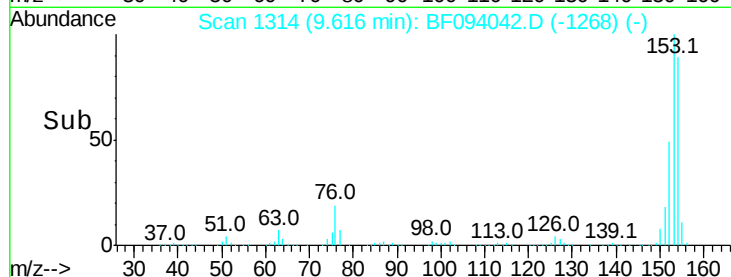
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.80 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

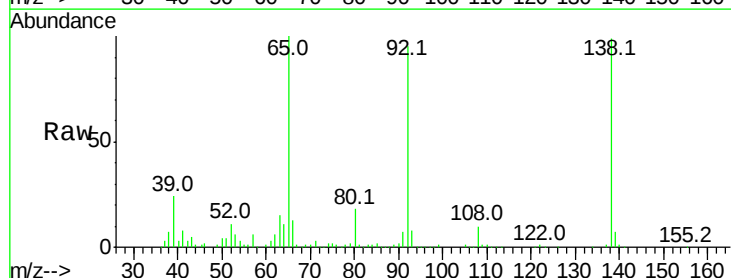
Tgt Ion:138 Resp: 224651

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

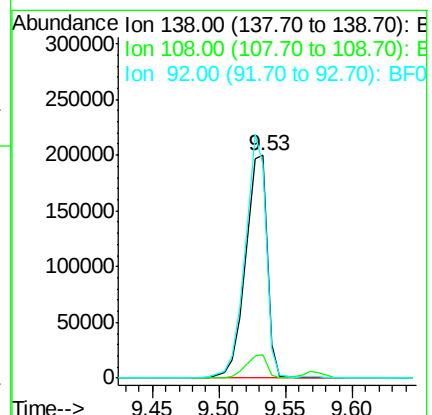
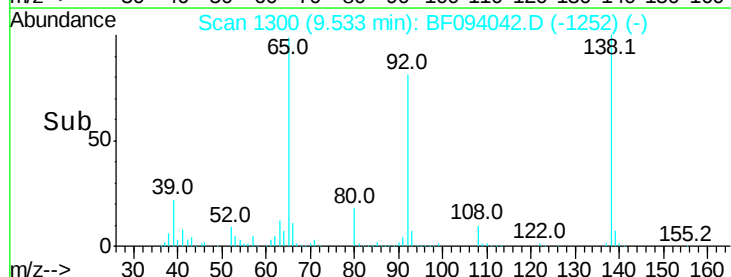
92 96.4 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

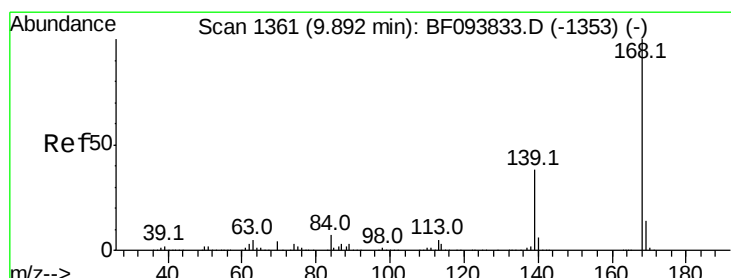
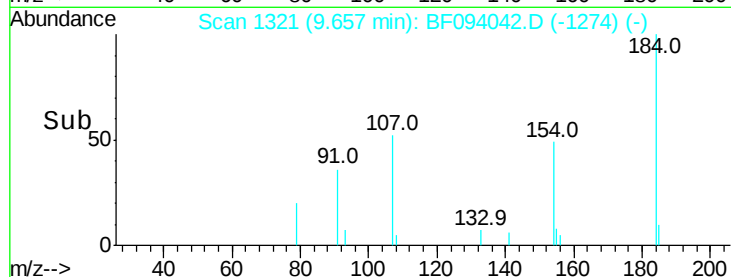
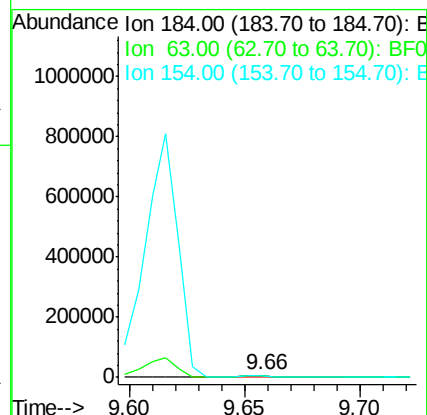
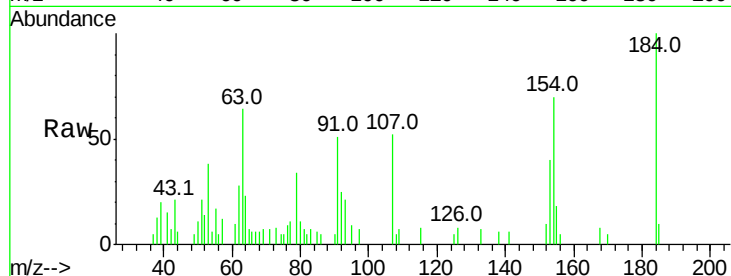




#53
 2,4-Dinitrophenol
 Concen: 7.14 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

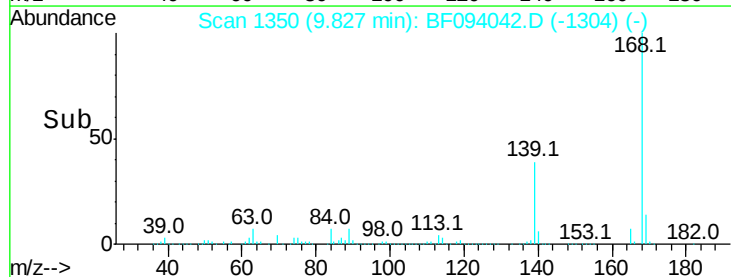
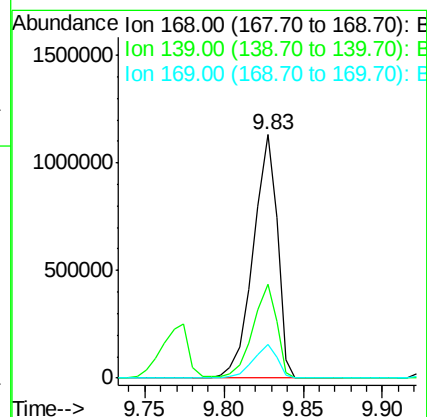
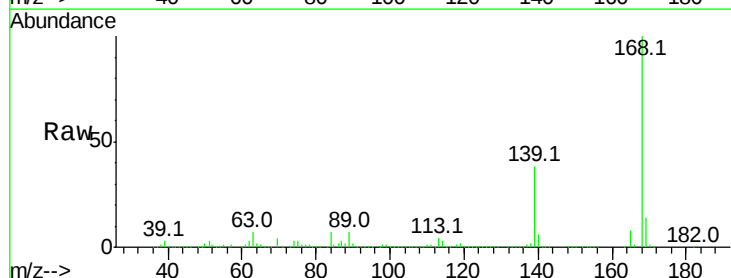
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

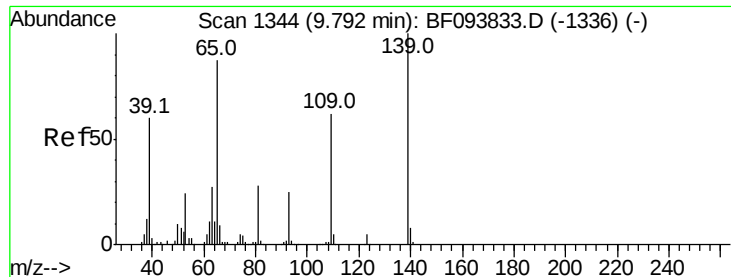
Tot Ion:184 Resp: 6940
 Ion Ratio Lower Upper
 184 100
 63 64.3 62.7 94.1
 154 69.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 47.50 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:168 Resp: 1197878
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 66.66 ng

RT: 9.77 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

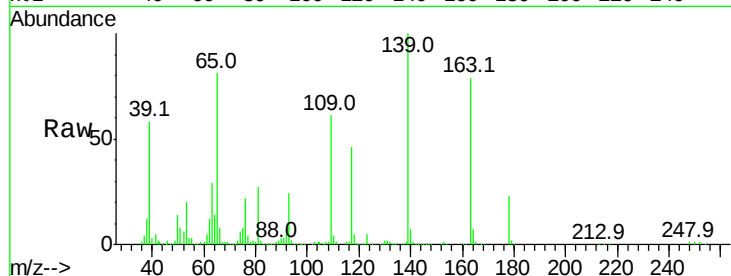
Tot Ion:139 Resp: 302253

Ion Ratio Lower Upper

139 100

109 60.5 34.1 74.1

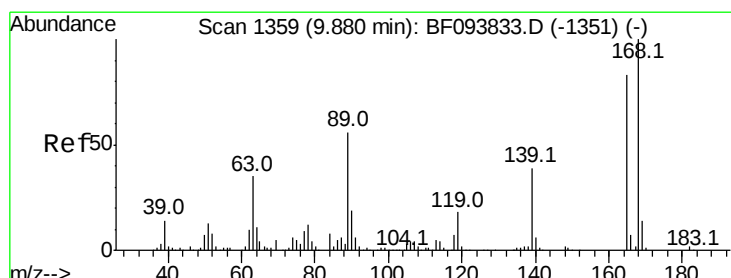
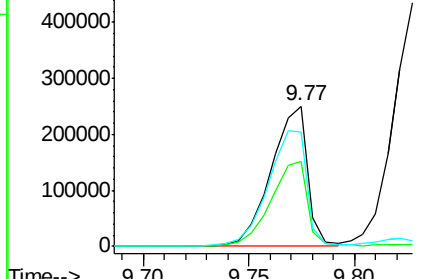
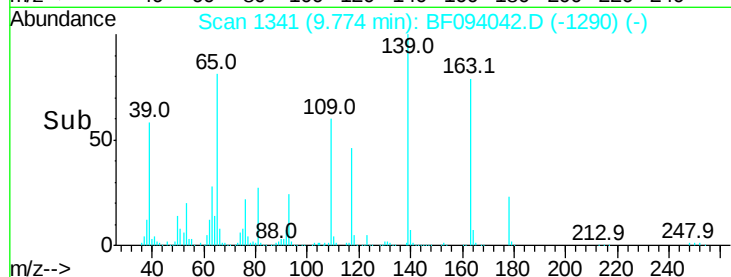
65 81.4 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.57 ng

RT: 9.82 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:165 Resp: 226526

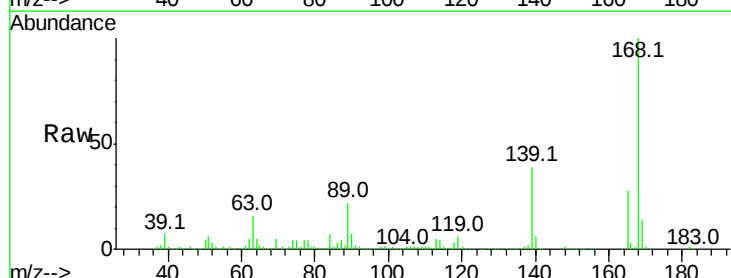
Ion Ratio Lower Upper

165 100

63 56.0 25.4 38.0#

89 75.6 46.4 69.6#

182 2.5 1.8 2.6

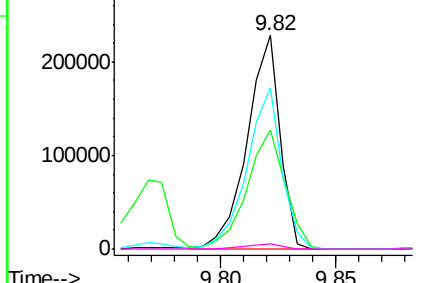
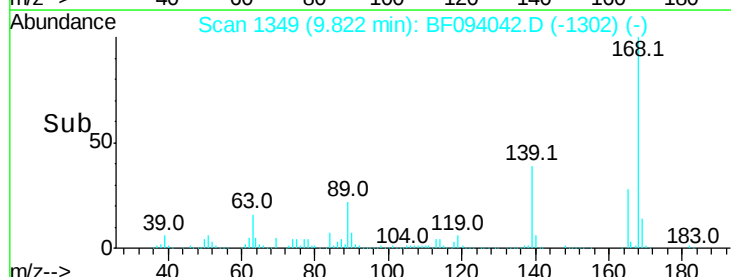


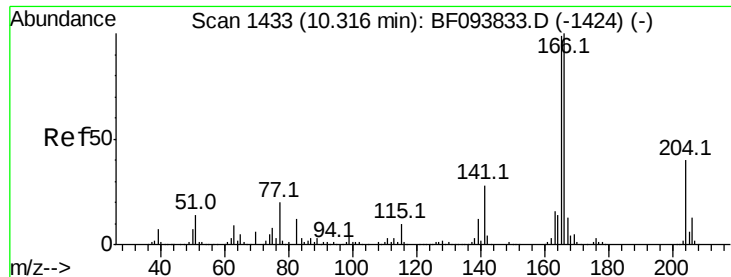
Abundance Ion 165.00 (164.70 to 165.70): E

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

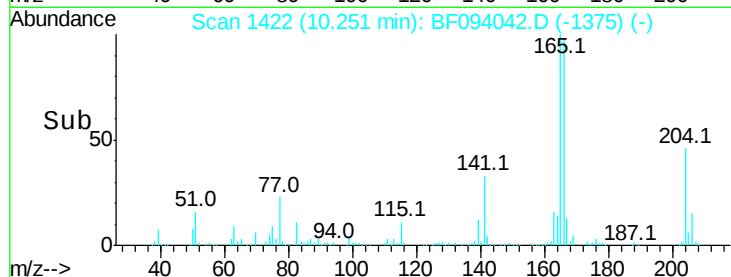
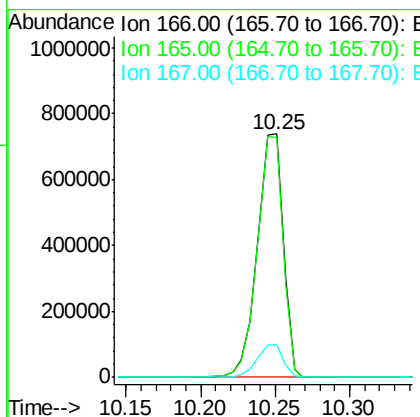
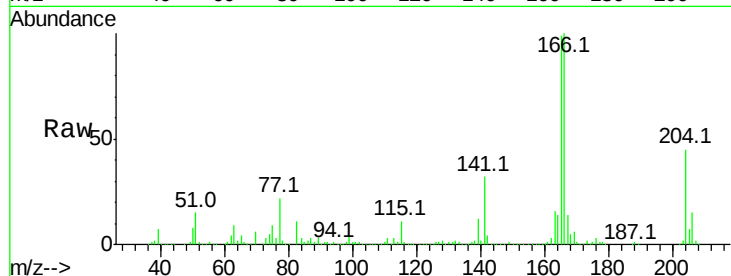




#57
Fluorene
 Concen: 42.09 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

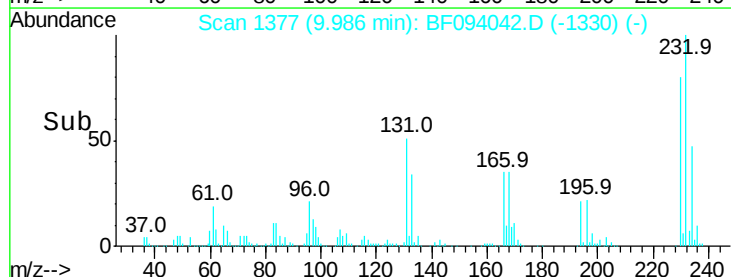
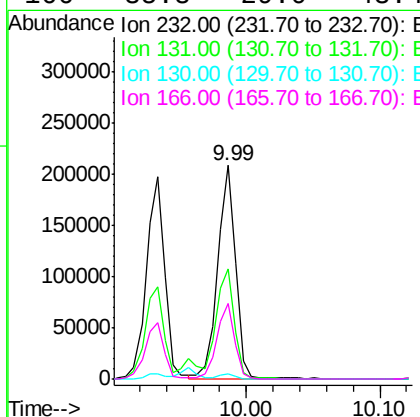
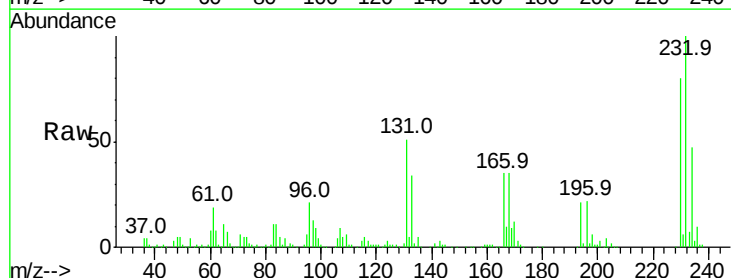
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

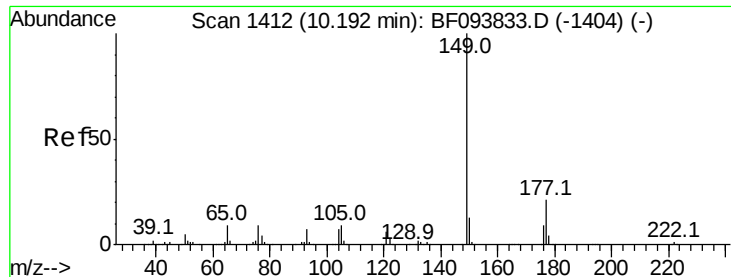
Tot Ion:166 Resp: 880254
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.5 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.51 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:232 Resp: 197899
 Ion Ratio Lower Upper
 232 100
 131 58.9 44.8 67.2
 130 2.1 2.3 3.5#
 166 35.8 29.0 43.4

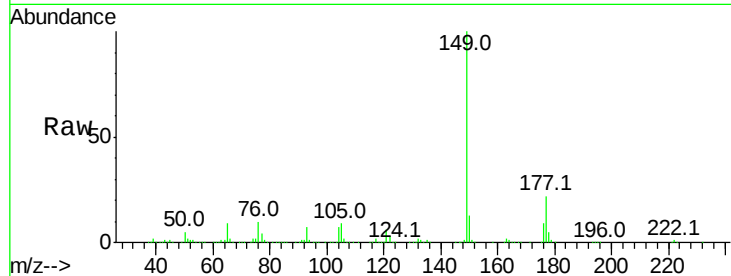




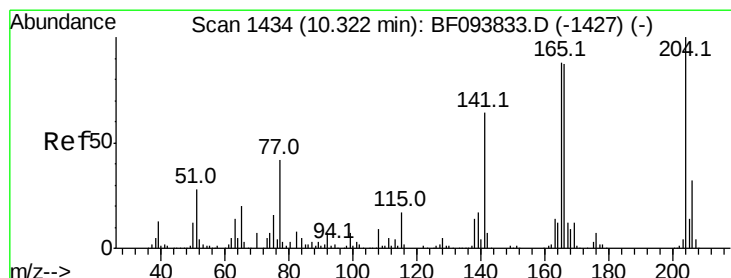
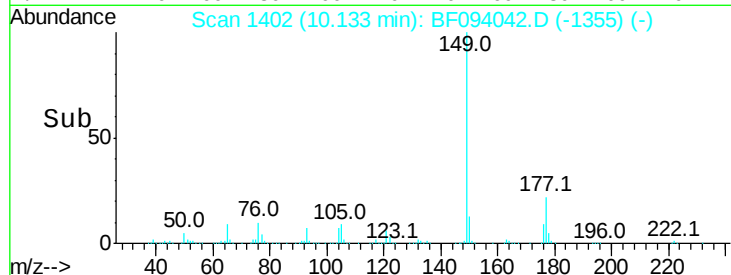
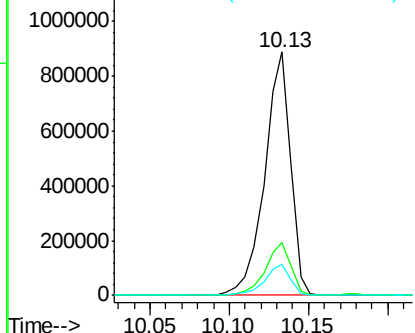
#59
Diethylphthalate
Concen: 47.63 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion:149 Resp: 1012615
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.8 10.2 15.2

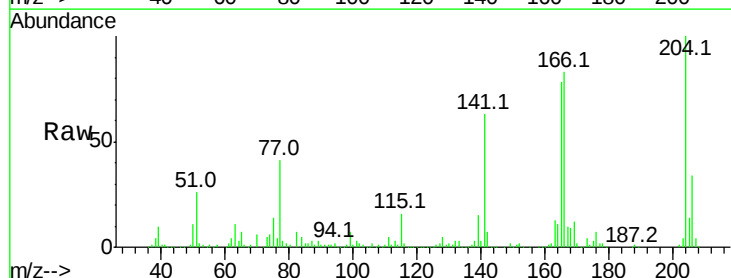


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

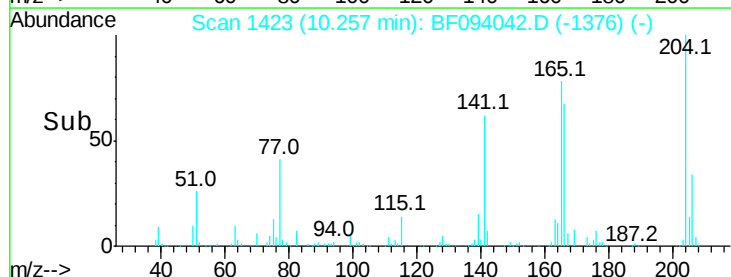
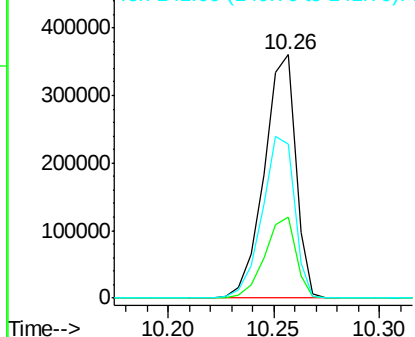


#60
4-Chlorophenyl-phenylether
Concen: 42.13 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:204 Resp: 375384
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 63.4 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: 51.18 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

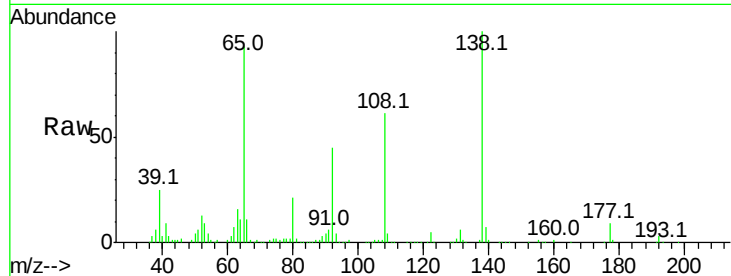
Tot Ion:138 Resp: 284349

Ion Ratio Lower Upper

138 100

92 44.6 21.8 61.8

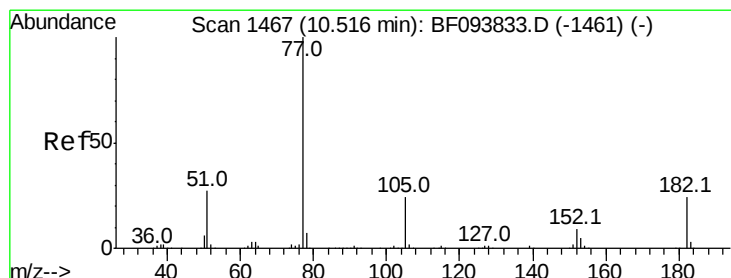
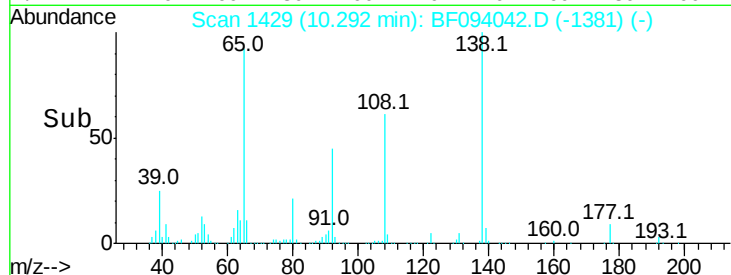
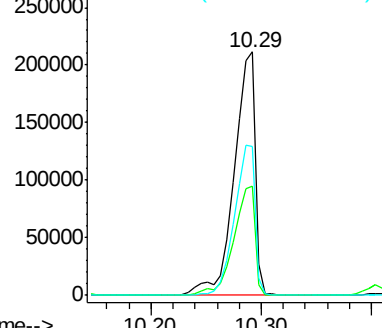
108 61.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.06 ng

RT: 10.45 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion: 77 Resp: 946386

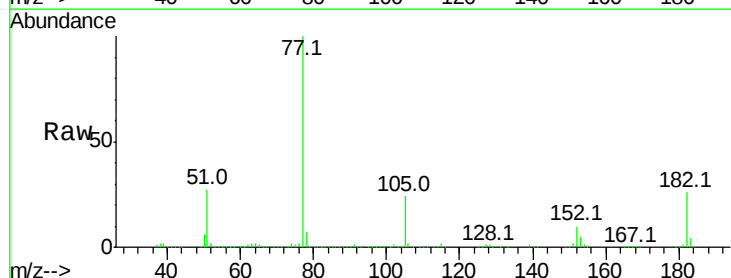
Ion Ratio Lower Upper

77 100

182 26.0 0.1 40.1

105 24.1 3.6 43.6

51 27.3 9.4 49.4

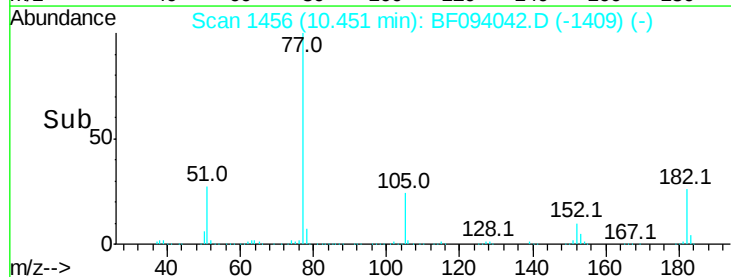
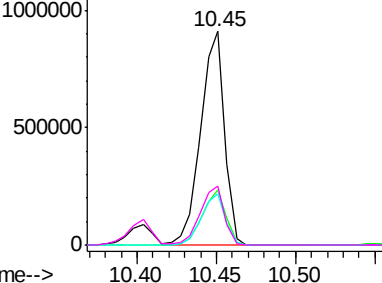


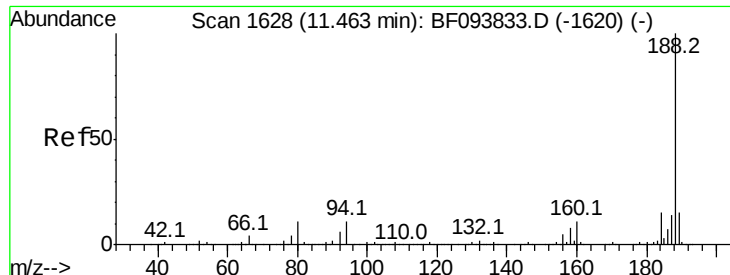
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

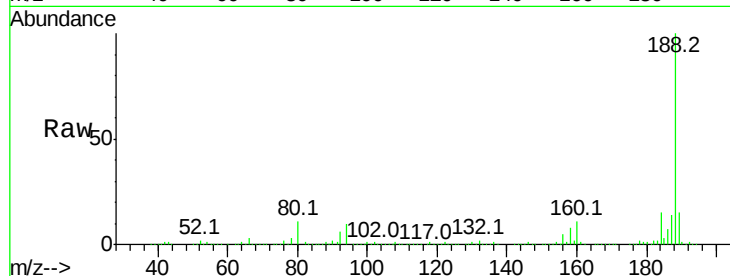




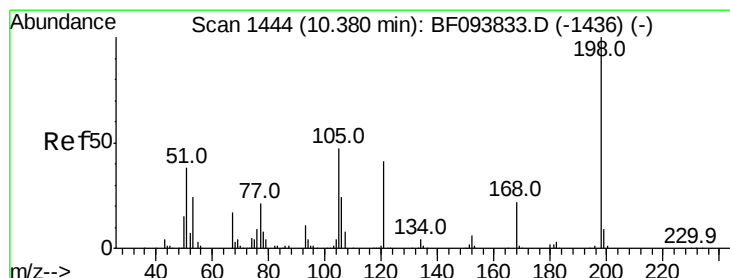
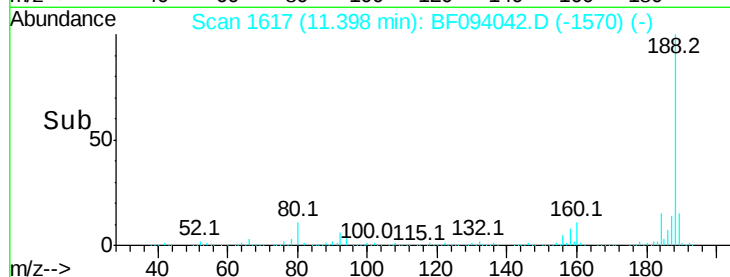
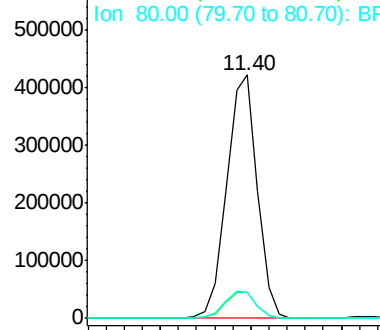
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion:188 Resp: 491768
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.8 10.2 15.2

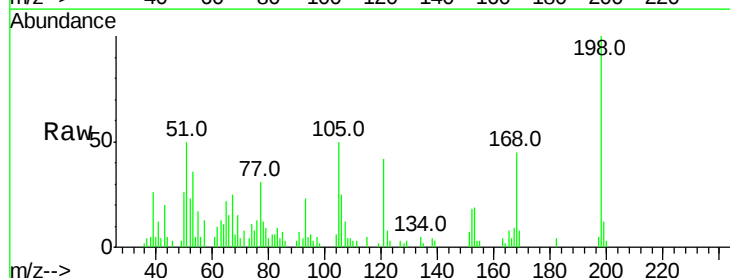


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

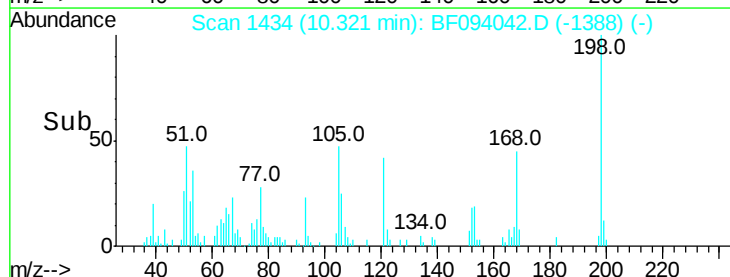
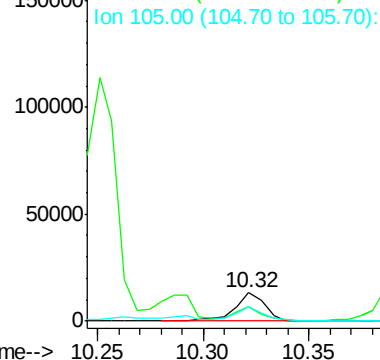


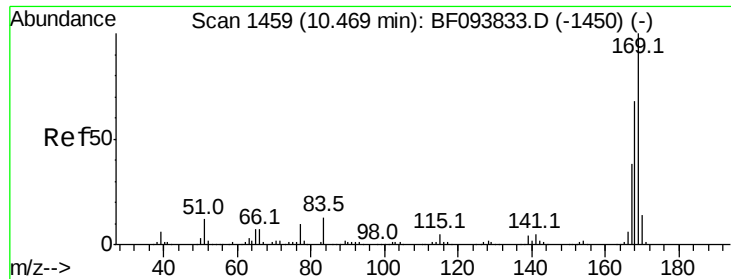
#64
4,6-Dinitro-2-methylphenol
Concen: 4.31 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:198 Resp: 12969
Ion Ratio Lower Upper
198 100
51 49.7 53.2 93.2#
105 49.9 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: 49.09 ng

RT: 10.40 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

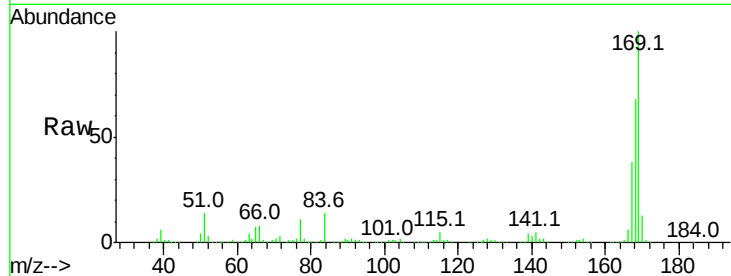
Tot Ion:169 Resp: 834771

Ion Ratio Lower Upper

169 100

168 68.4 53.2 79.8

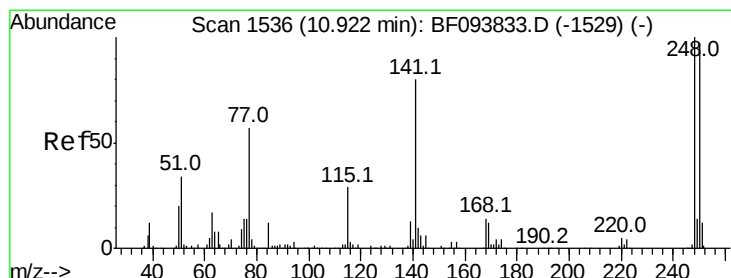
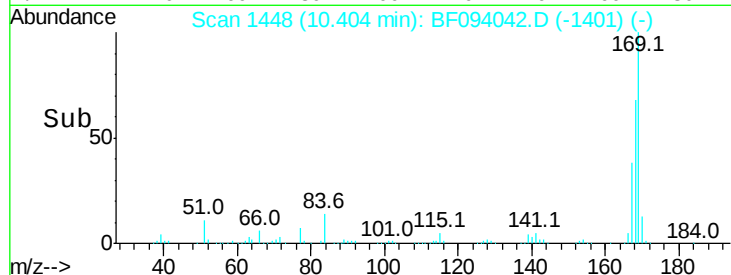
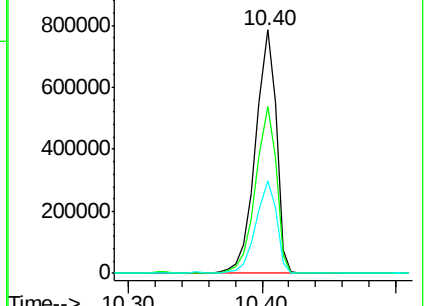
167 37.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.59 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

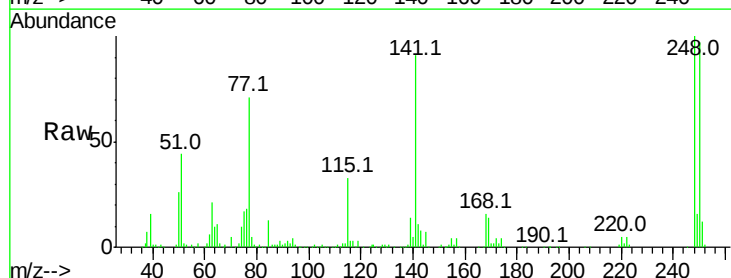
Tgt Ion:248 Resp: 235011

Ion Ratio Lower Upper

248 100

250 97.1 76.8 115.2

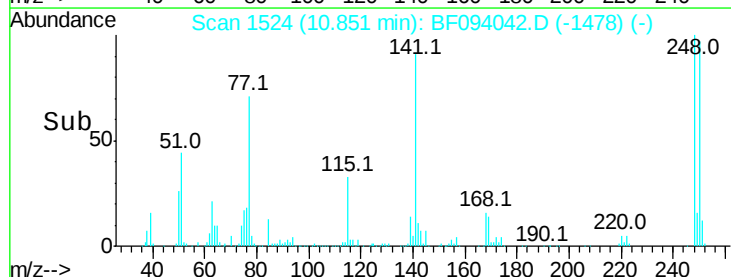
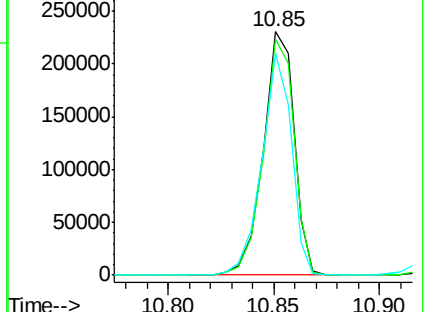
141 91.3 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

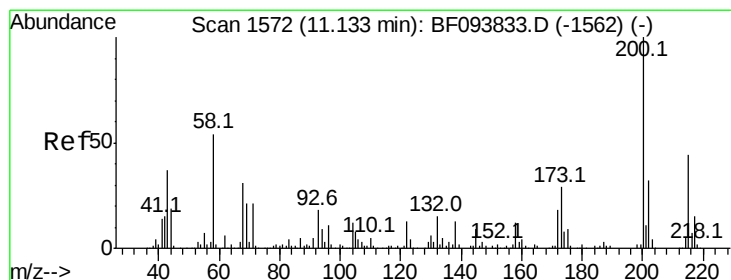
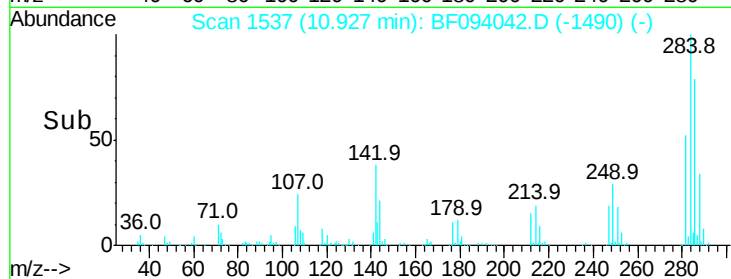
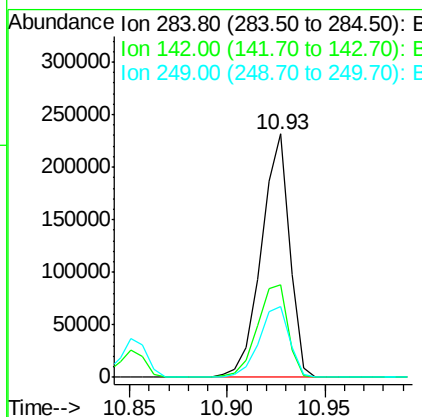
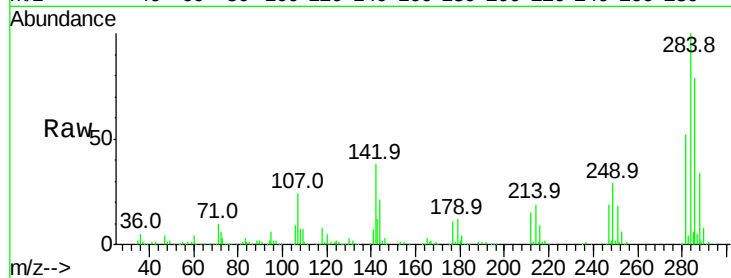




#67
Hexachlorobenzene
Concen: 47.47 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

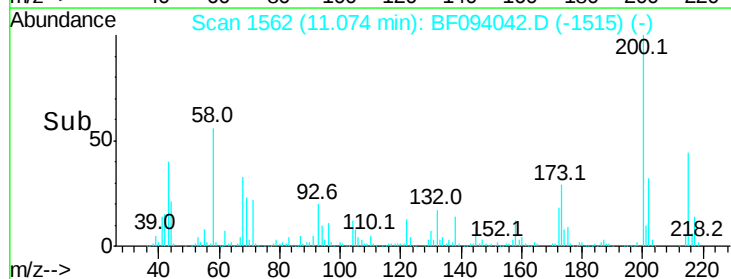
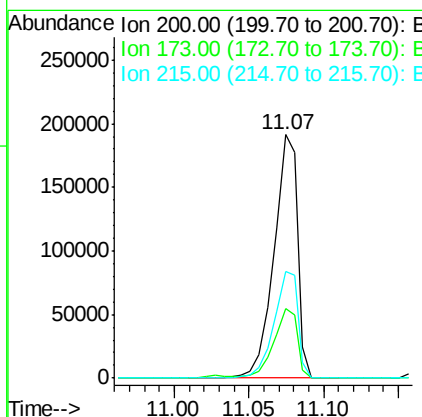
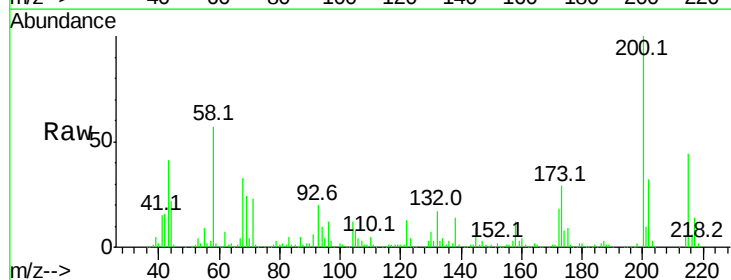
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

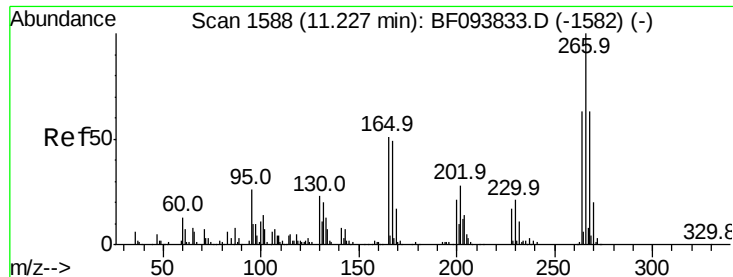
Tot Ion:284 Resp: 232403
Ion Ratio Lower Upper
284 100
142 38.2 22.8 34.2#
249 29.3 24.0 36.0



#68
Atrazine
Concen: 41.36 ng
RT: 11.07 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:200 Resp: 210676
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 43.9 27.2 67.2

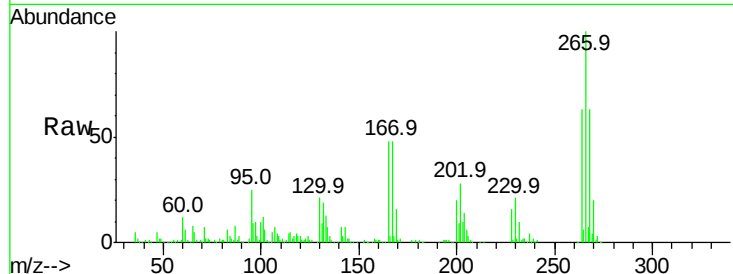




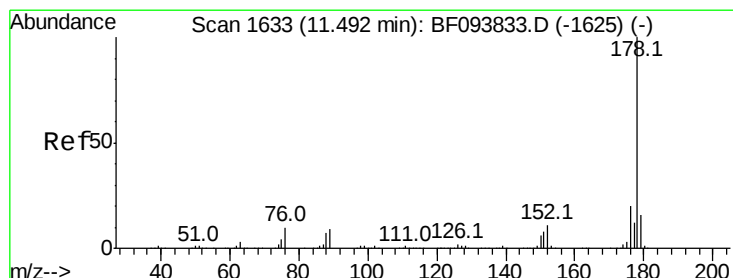
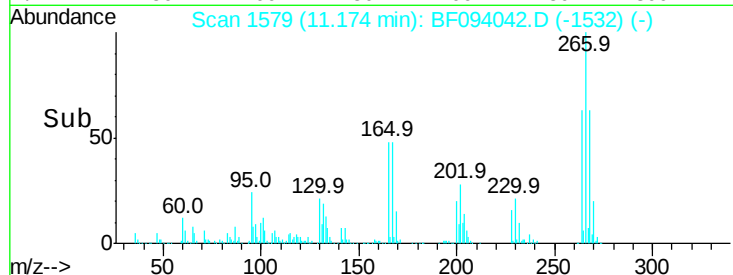
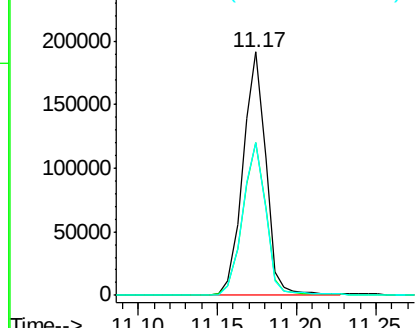
#69
 Pentachlorophenol
 Concen: 63.24 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

Tot Ion:266 Resp: 192724
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 62.7 51.7 77.5

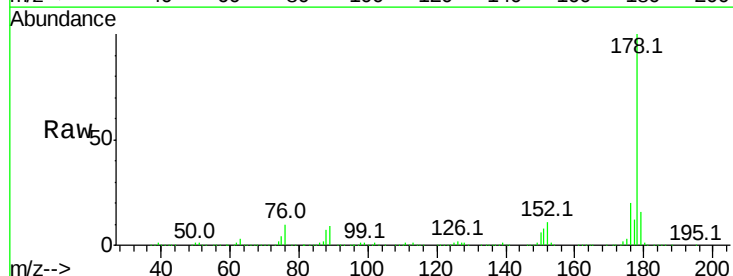


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

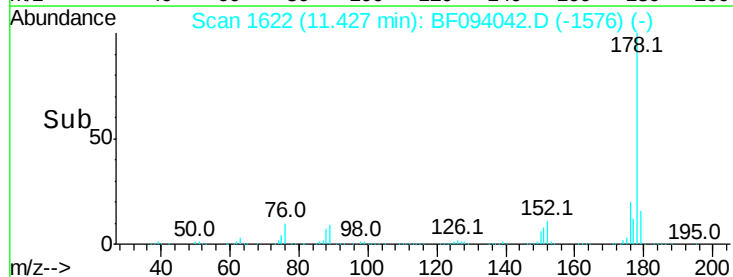
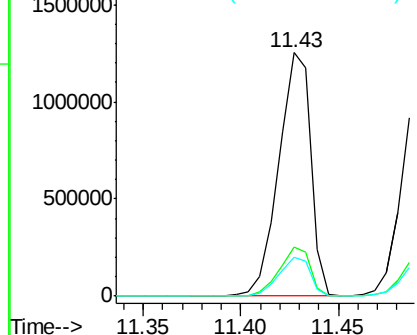


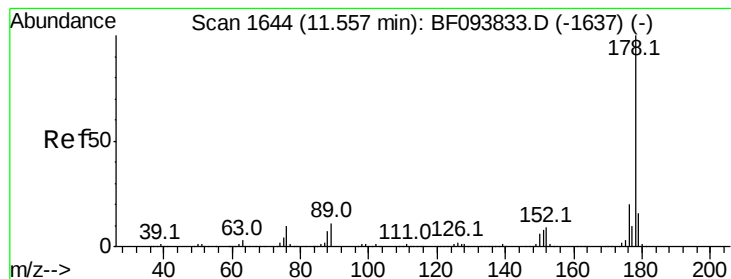
#70
 Phenanthrene
 Concen: 52.22 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:178 Resp: 1428652
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.90 ng

RT: 11.49 min Scan# 1633

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

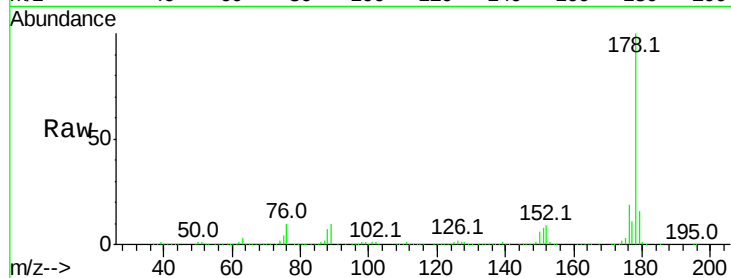
BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:178 Resp: 1292747

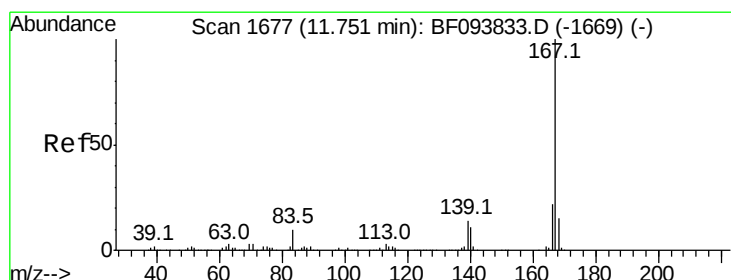
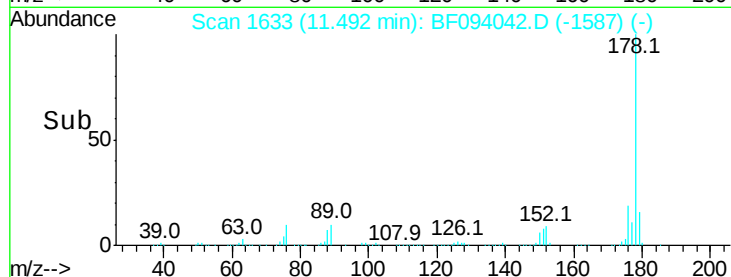
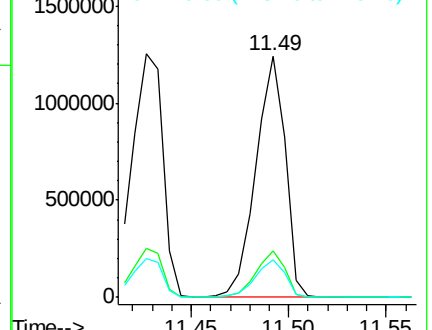
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	12.7	19.1



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: 40.57 ng

RT: 11.69 min Scan# 1667

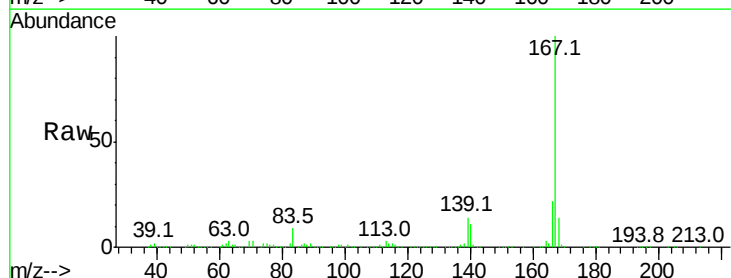
Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:167 Resp: 1171801

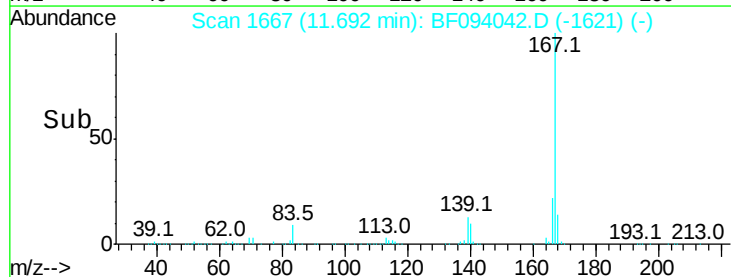
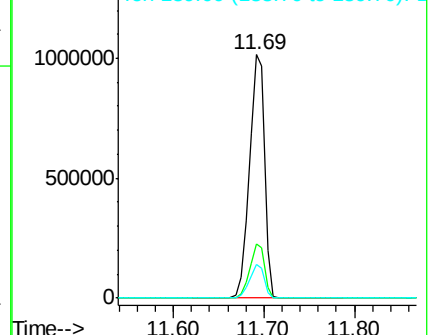
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.0	11.7	17.5

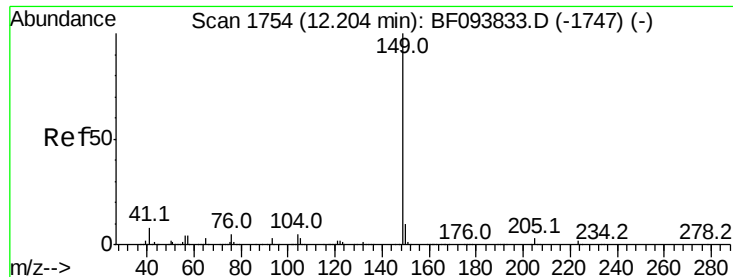


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.36 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

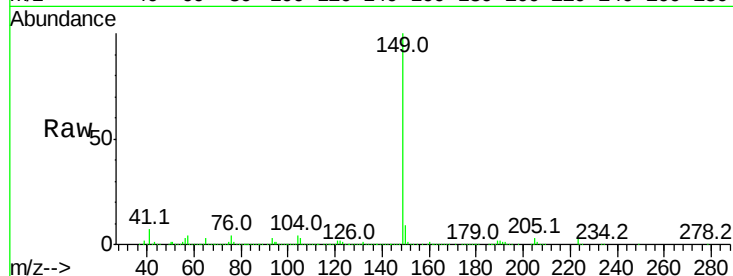
Tot Ion:149 Resp: 1452557

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

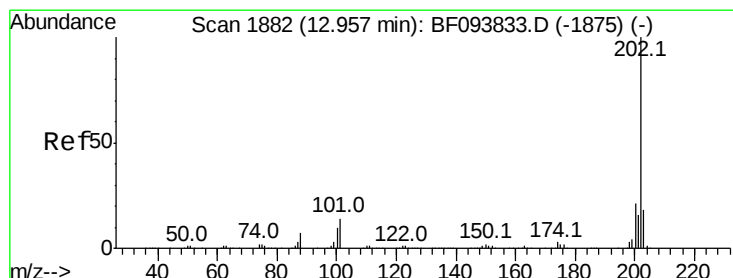
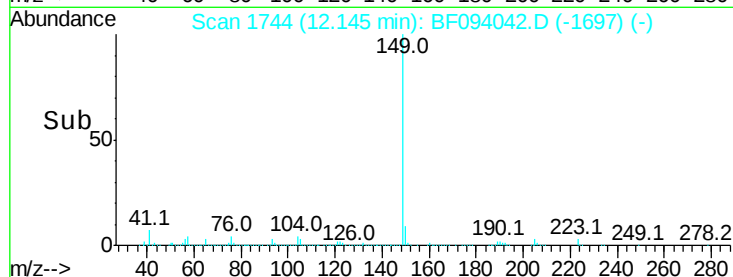
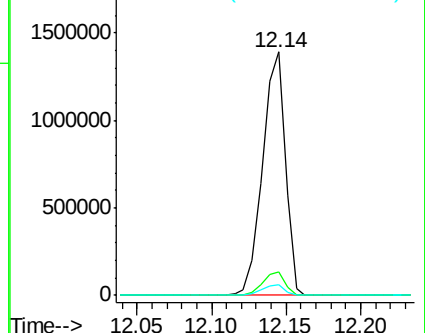
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.44 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

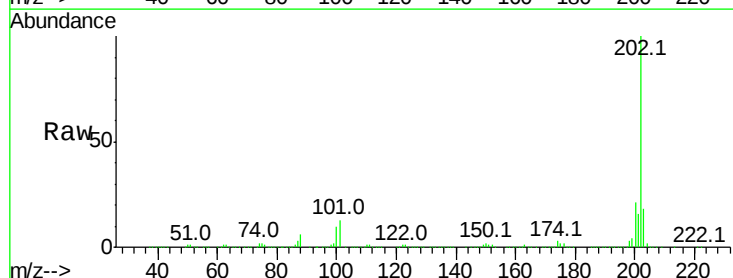
Tgt Ion:202 Resp: 1356802

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

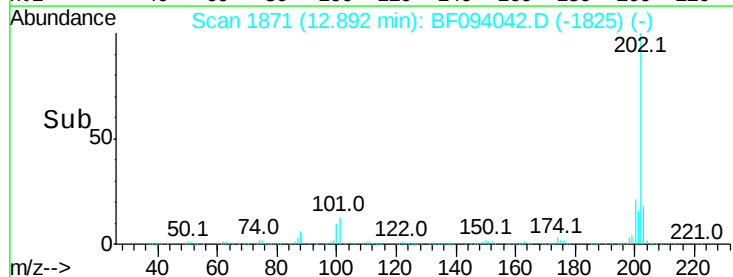
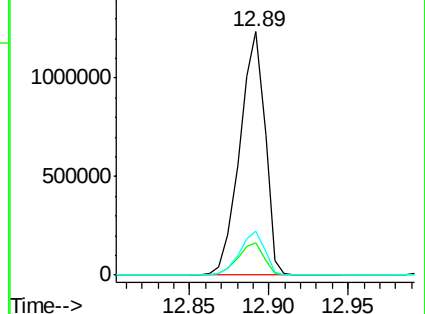
203 17.8 0.0 38.1

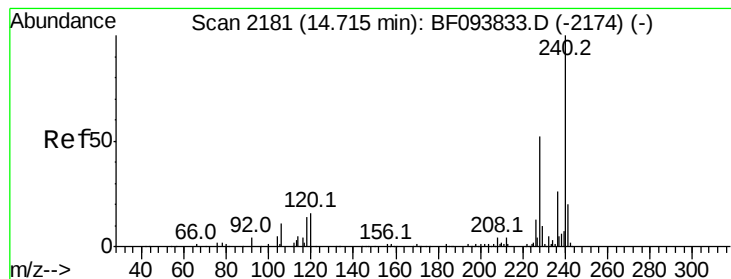


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

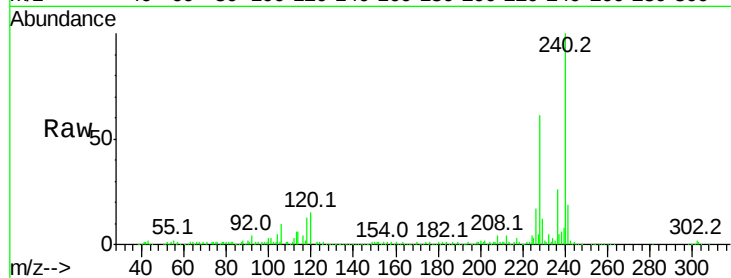
Tot Ion:240 Resp: 302032

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

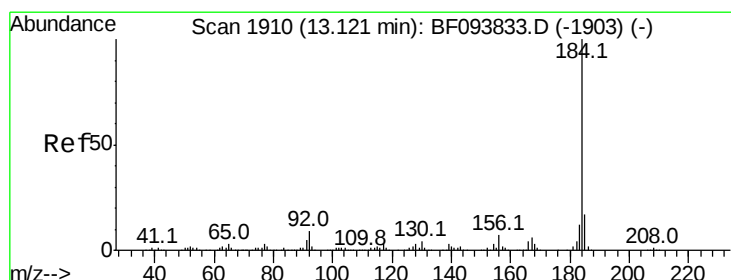
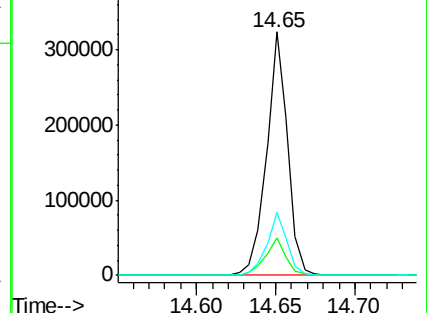
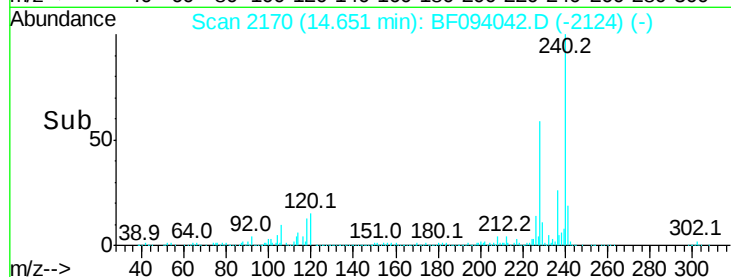
236 26.0 20.5 30.7



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: 14.87 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

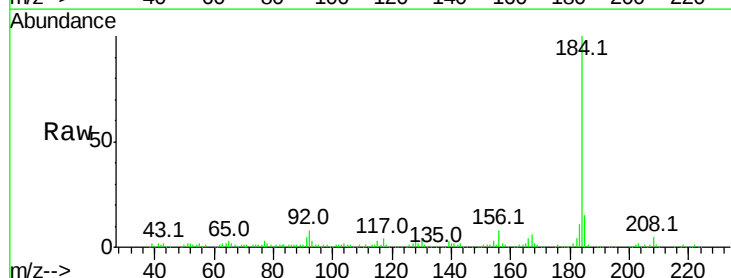
Tgt Ion:184 Resp: 177729

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

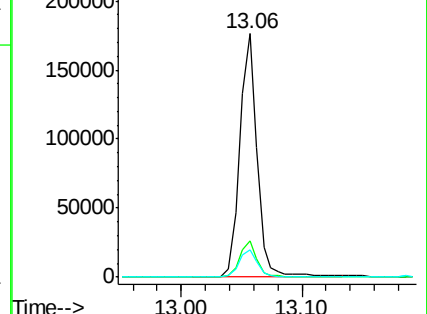
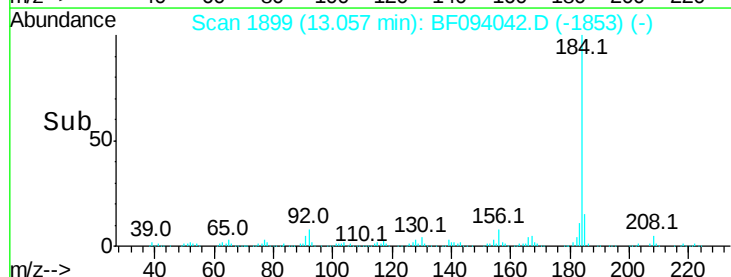
183 11.0 9.8 14.6

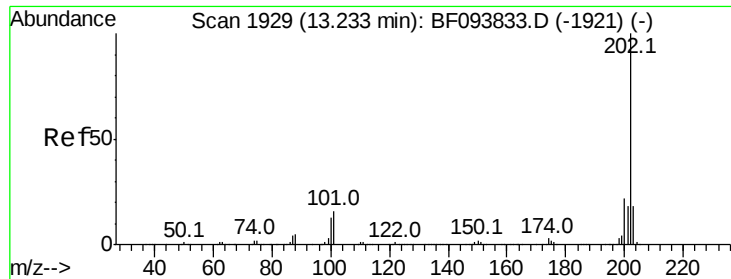


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



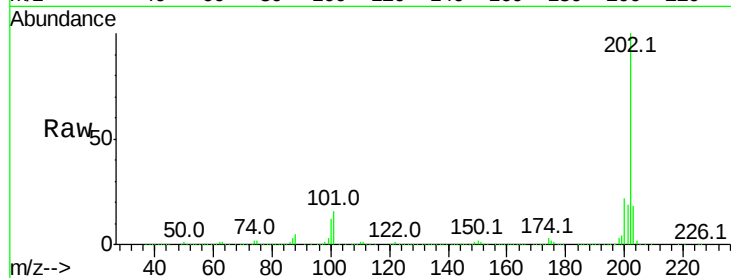


#77
Pvrene
Concen: 62.60 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

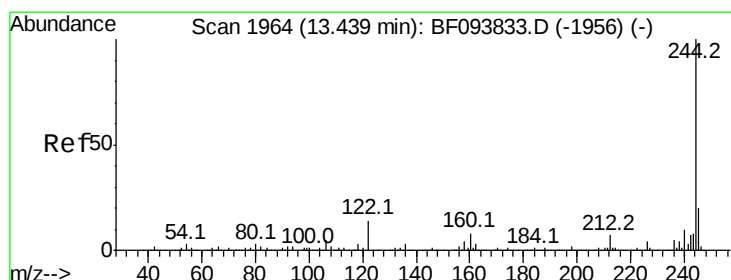
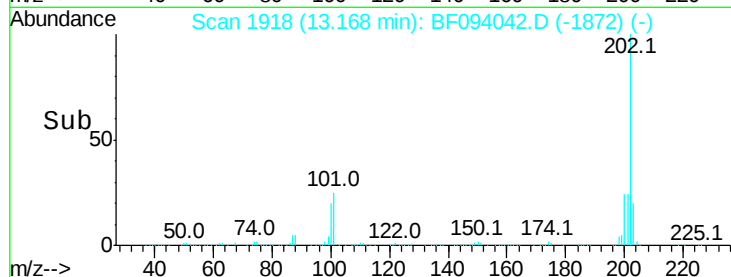
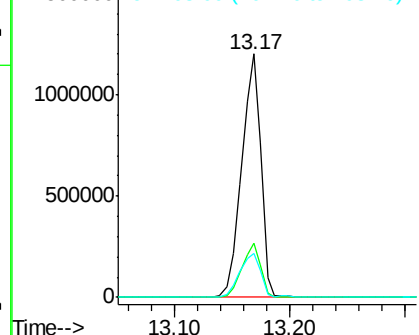
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion:202 Resp: 1372192

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.0	14.4	21.6



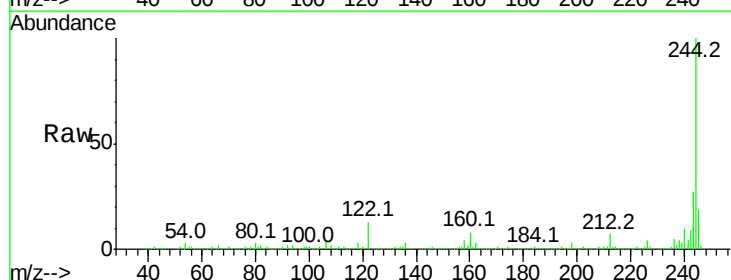
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



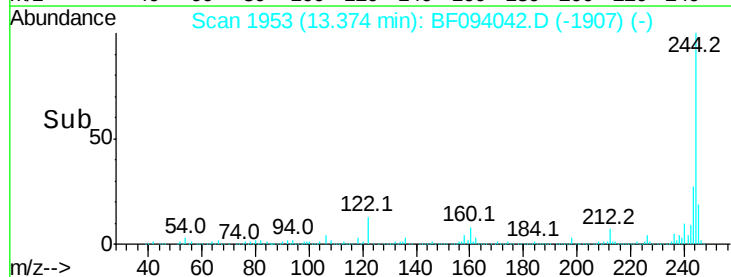
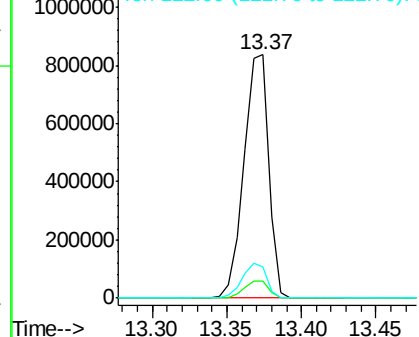
#78
Terphenyl-d14
Concen: 71.79 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:244 Resp: 967296

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.0	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.55 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

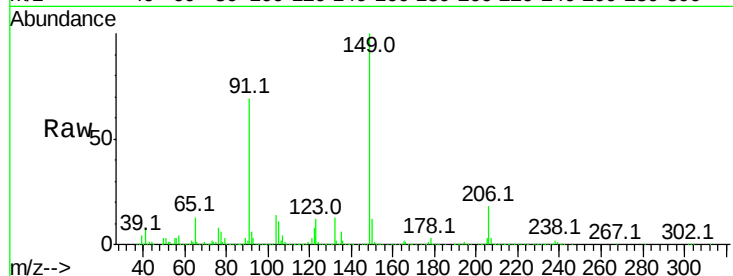
Tot Ion:149 Resp: 528174

Ion Ratio Lower Upper

149 100

91 69.0 45.0 67.4#

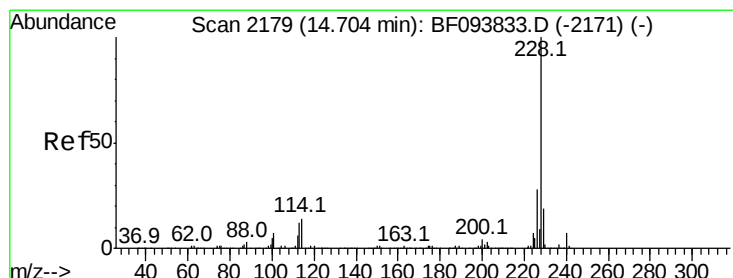
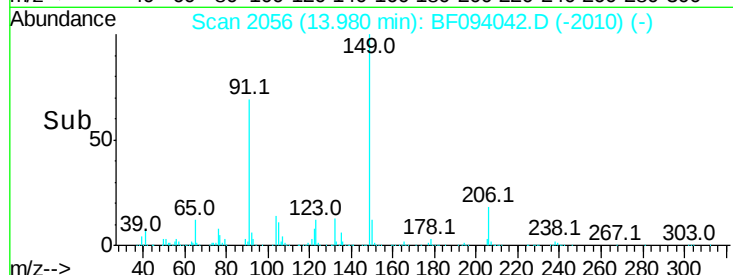
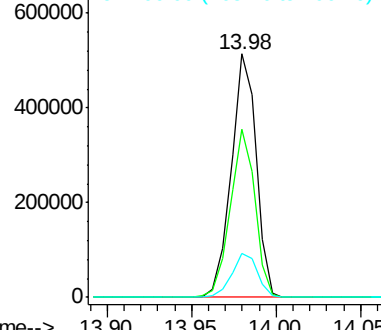
206 18.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 52.60 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

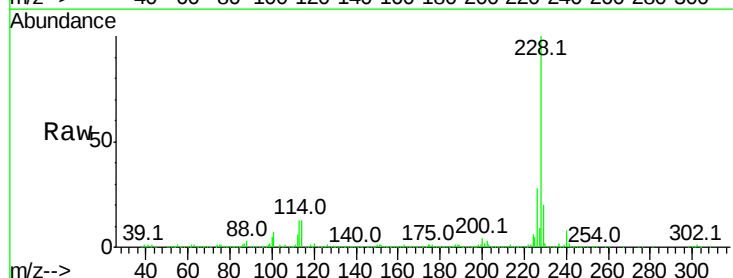
Tgt Ion:228 Resp: 926329

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

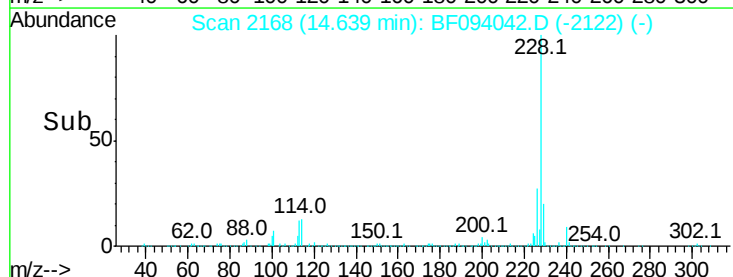
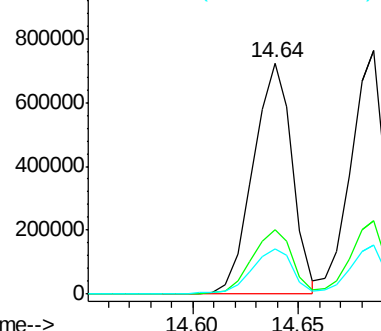
229 19.7 16.3 24.5

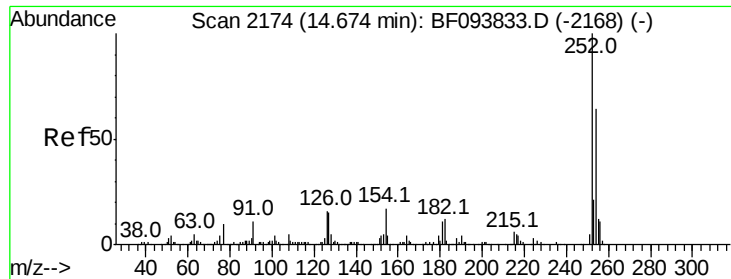


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

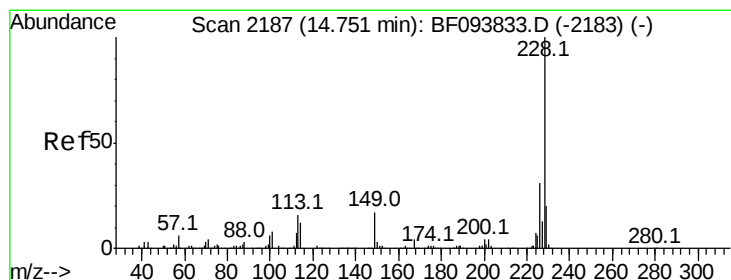
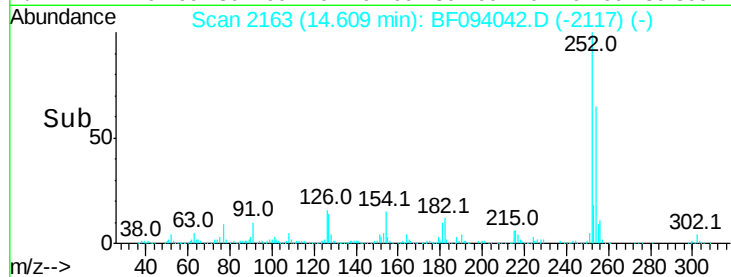
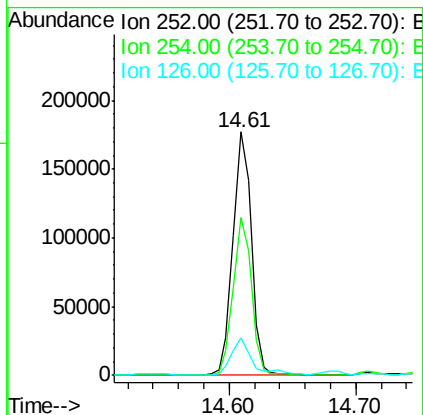
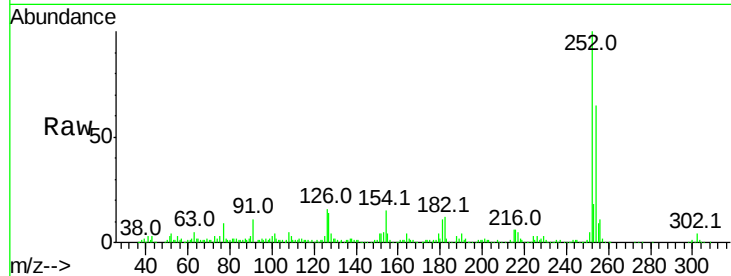




#81
 3,3'-Dichlorobenzidine
 Concen: 28.43 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

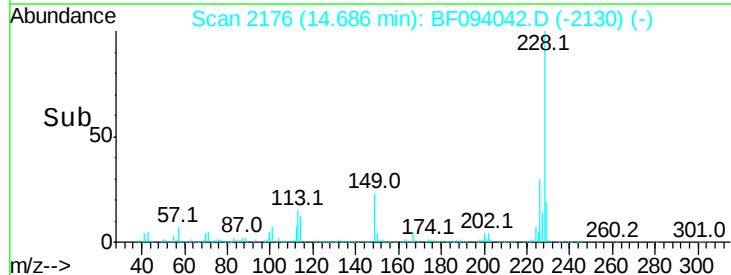
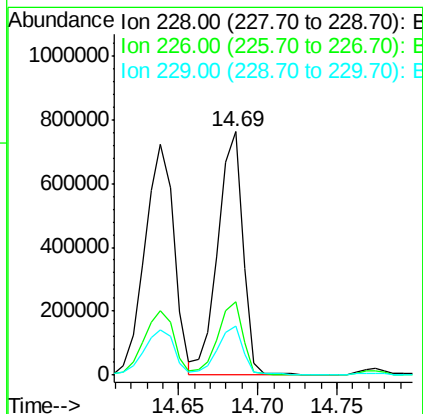
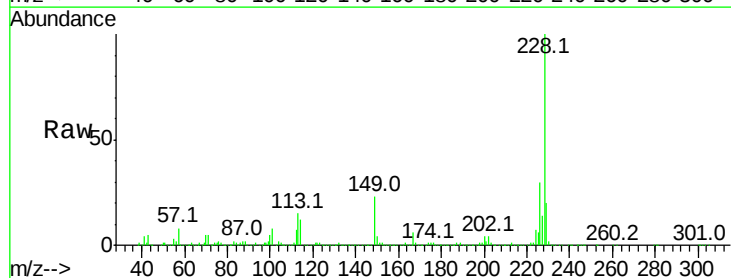
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

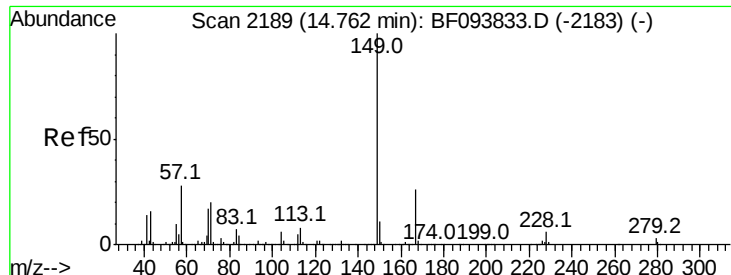
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	15.7	15.8	23.8#



#82
 Chrysene
 Concen: 51.40 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.1	15.8	23.6

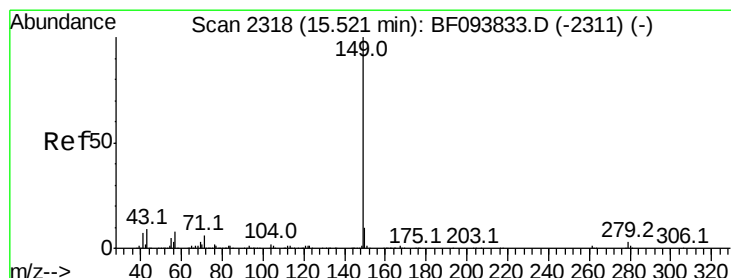
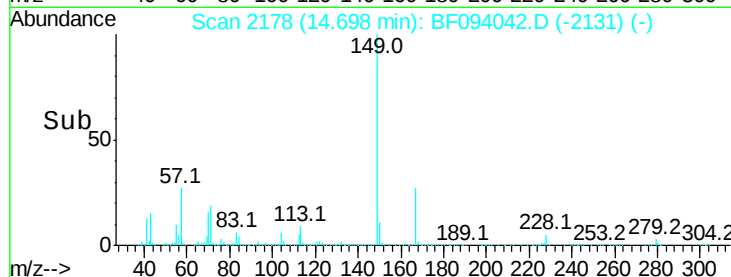
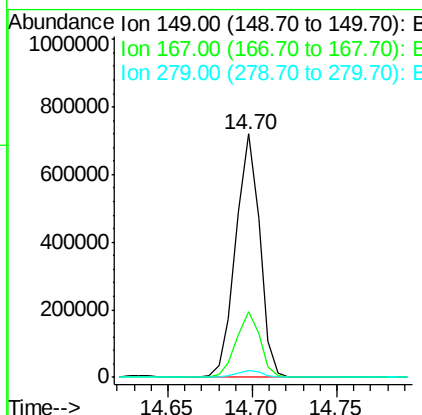
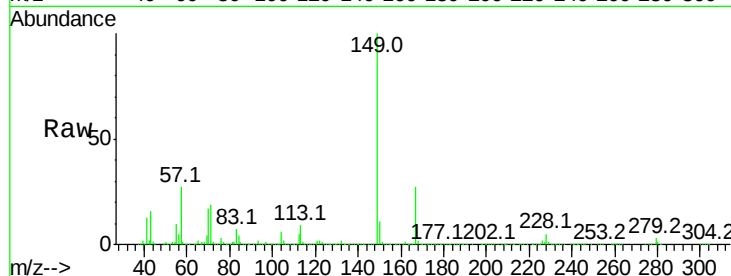




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.62 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

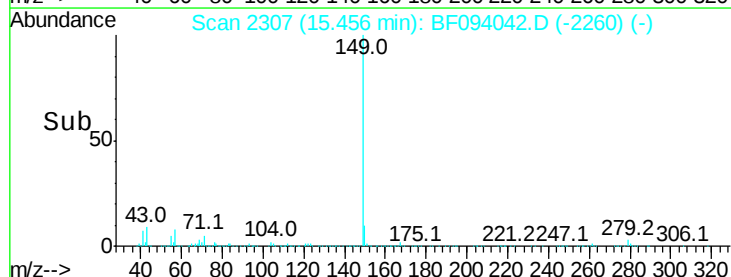
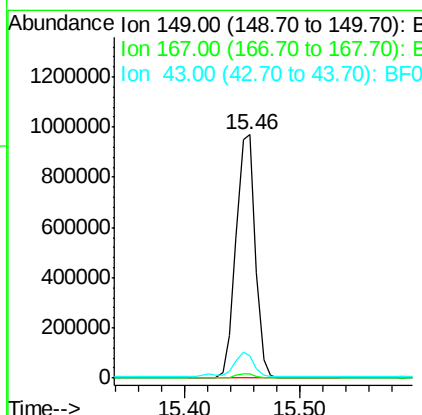
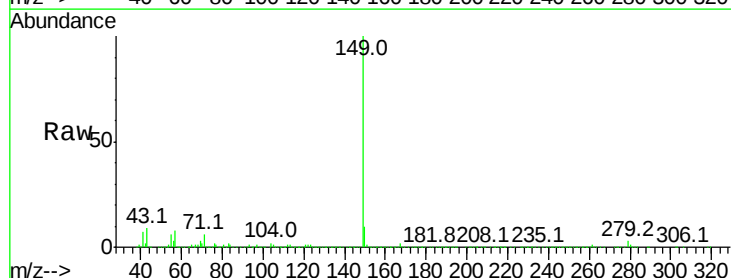
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

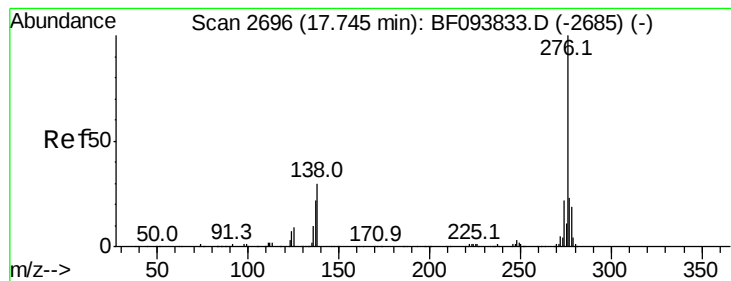
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.0	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 52.80 ng
 RT: 15.46 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.4	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 55.32 ng

RT: 17.65 min Scan# 2680

Delta R.T. -0.04 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

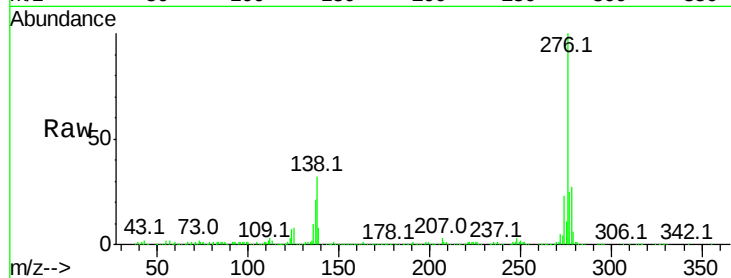
Tot Ion:276 Resp: 783039

Ion Ratio Lower Upper

276 100

138 34.9 27.8 41.6

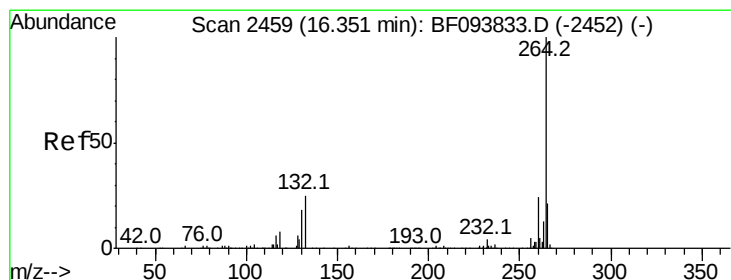
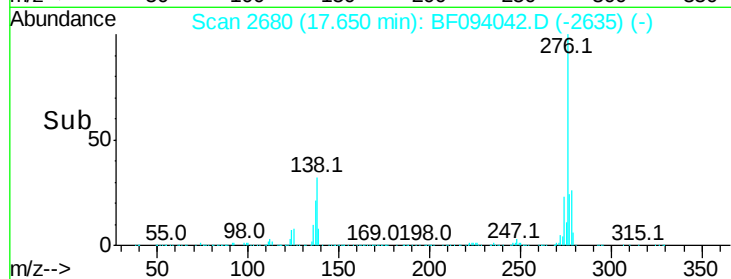
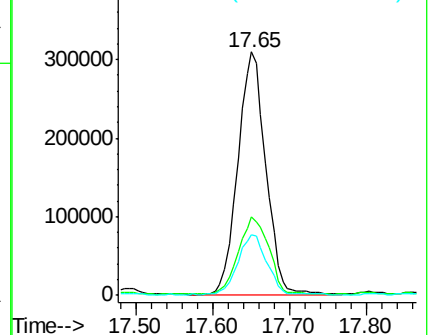
277 26.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.28 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

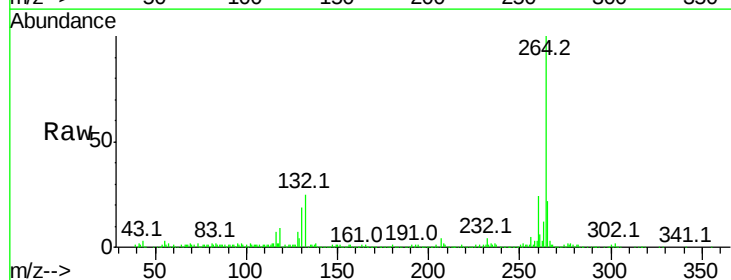
Tgt Ion:264 Resp: 276349

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

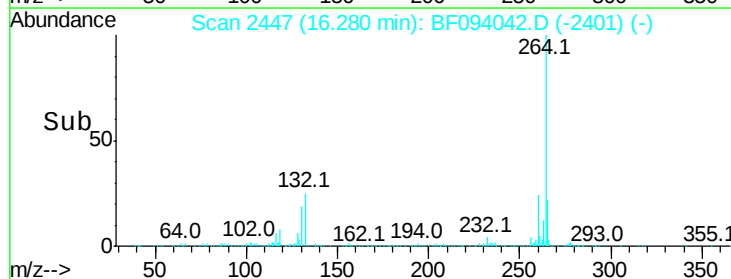
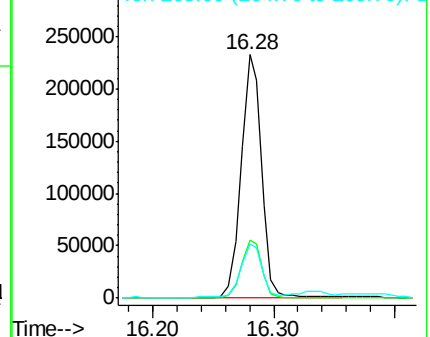
265 22.3 17.2 25.8

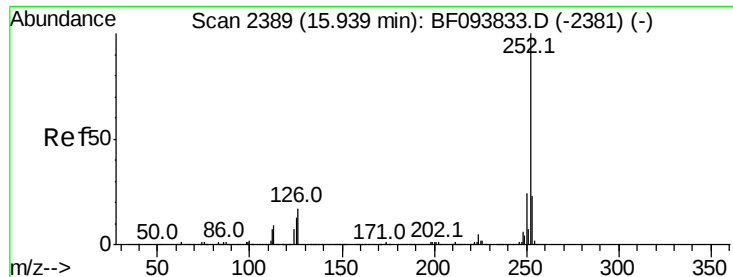


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 55.53 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

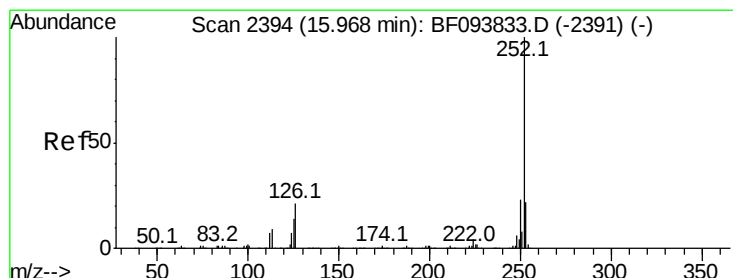
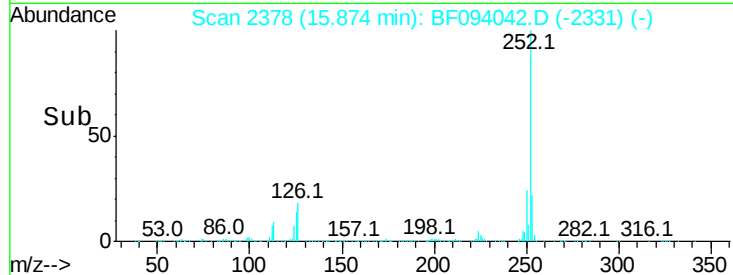
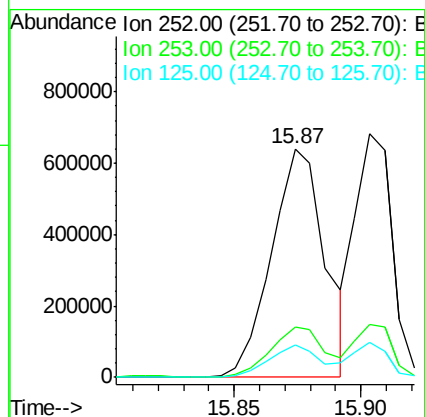
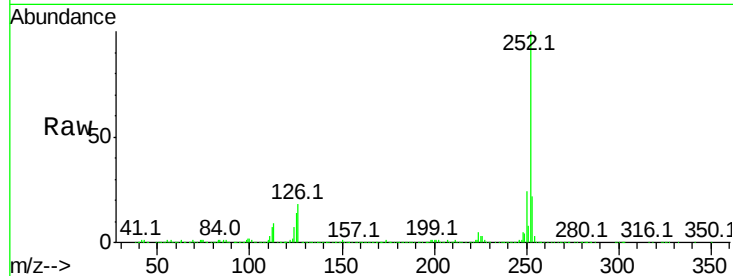
Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion:252 Resp: 940640

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.3	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 42.03 ng

RT: 15.90 min Scan# 2383

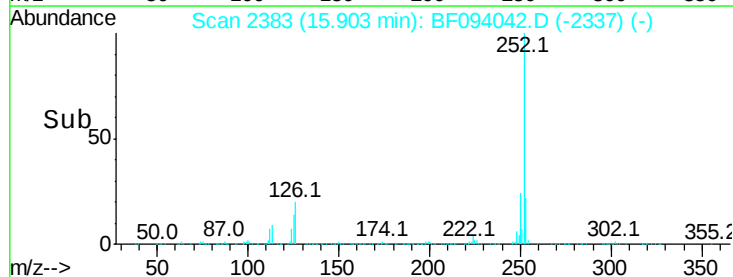
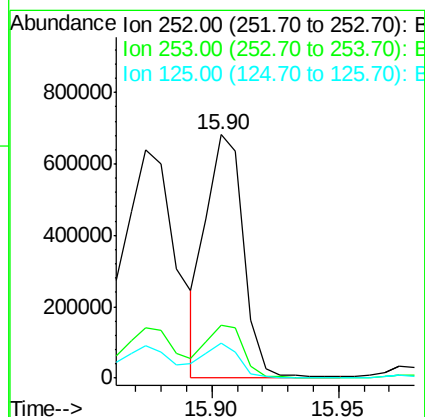
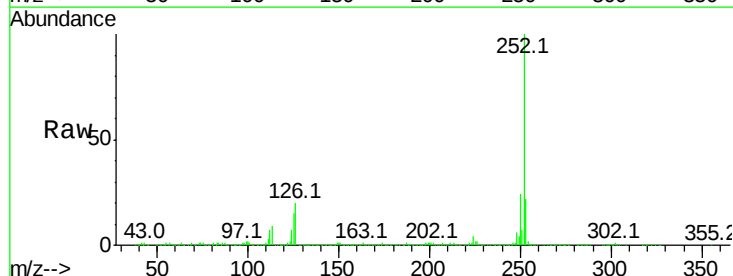
Delta R.T. -0.03 min

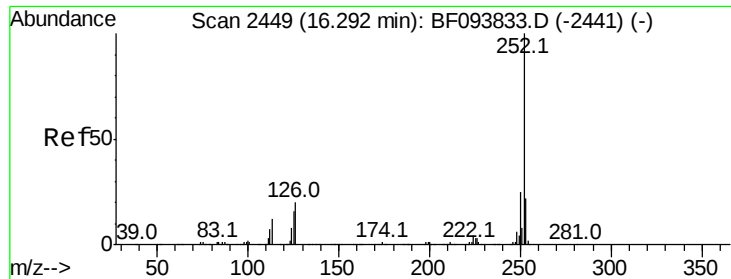
Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:252 Resp: 696666

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	14.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 55.02 ng

RT: 16.23 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

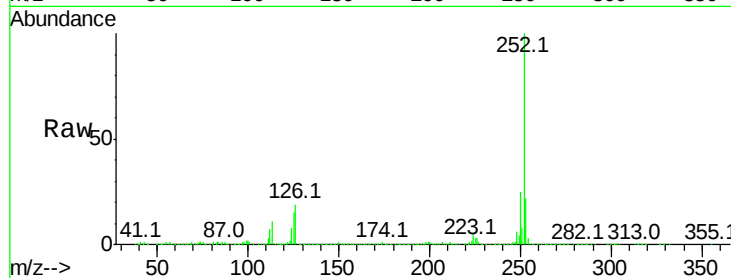
Tot Ion:252 Resp: 858203

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

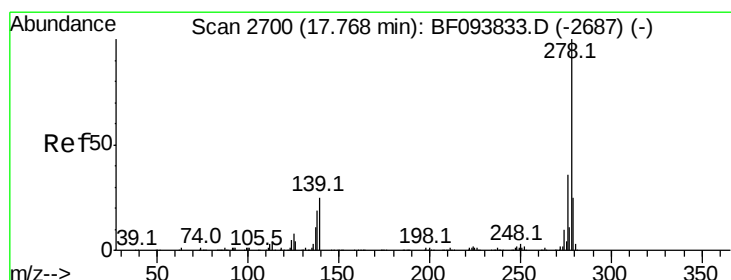
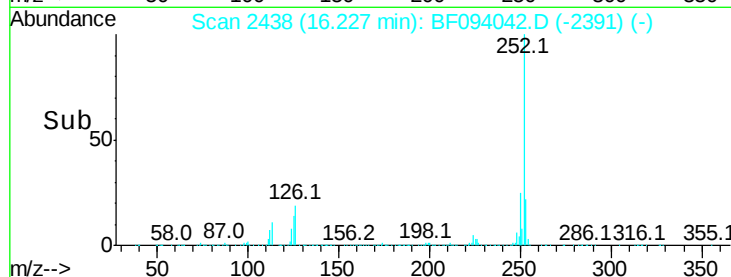
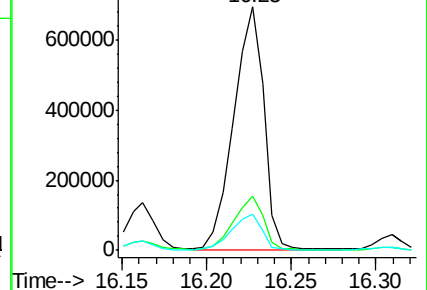
125 14.7 11.0 16.4



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: 46.78 ng

RT: 17.67 min Scan# 2684

Delta R.T. -0.04 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

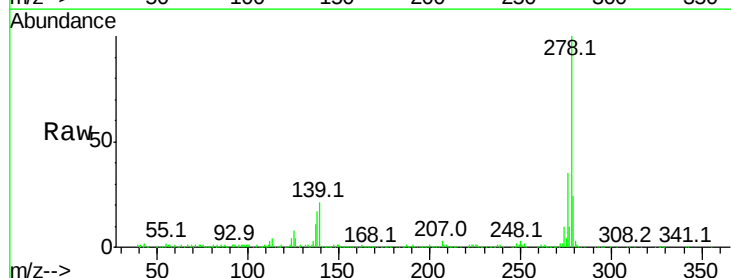
Tgt Ion:278 Resp: 618039

Ion Ratio Lower Upper

278 100

139 21.3 16.6 24.8

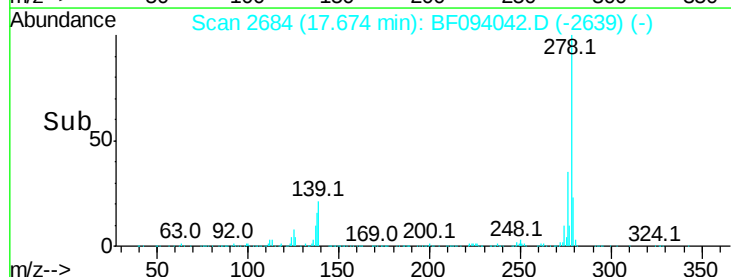
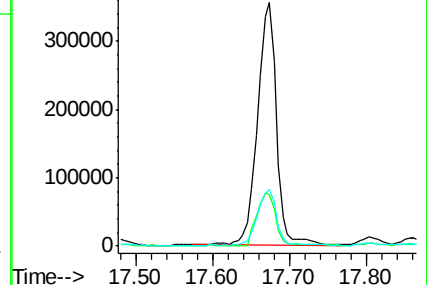
279 23.6 19.3 28.9

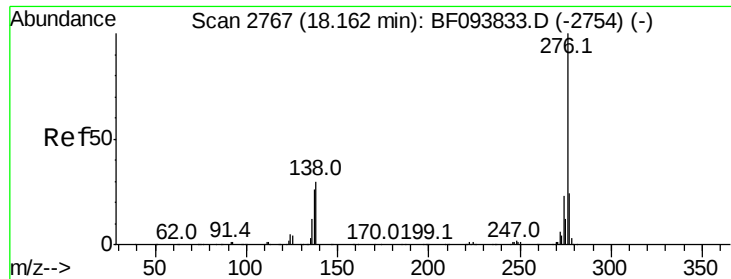


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.25 ng

RT: 18.06 min Scan# 2749

Delta R.T. -0.04 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

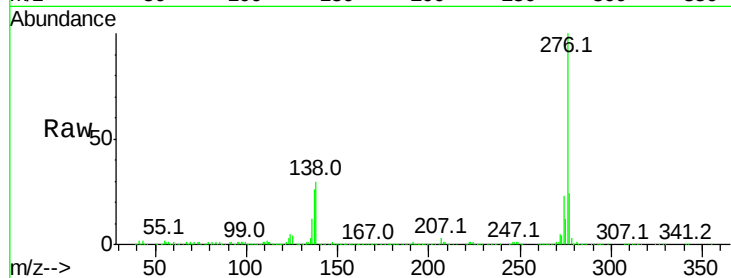
Tot Ion:276 Resp: 669039

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.7 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

