

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094041.D
 Acq On : 30 Mar 2017 1:40
 Operator : SJ/MA
 Sample : I2443-14MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 30 03:26:32 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	160998	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	652673	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	291640	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	485576	20.00	ng	-0.02
75) Chrysene-d12	14.66	240	290990	20.00	ng	-0.02
86) Perylene-d12	16.29	264	276062	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1341242	140.71	ng	0.00
7) Phenol-d6	5.55	99	1693298	143.60	ng	0.00
23) Nitrobenzene-d5	6.58	82	1058707	92.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	324560	140.83	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1660662	86.85	ng	-0.02
78) Terphenyl-d14	13.37	244	1123739	86.56	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	177052	38.66	ng	99
3) Pyridine	2.82	79	520677	41.72	ng	99
4) n-Nitrosodimethylamine	2.78	42	249486	48.58	ng	89
6) Aniline	5.55	93	304736	18.58	ng	# 1
8) 2-Chlorophenol	5.69	128	534427	51.01	ng	98
9) Benzaldehyde	5.42	77	107016	13.44	ng	96
10) Phenol	5.56	94	634324	47.27	ng	97
11) bis(2-Chloroethyl)ether	5.63	93	505926	48.24	ng	99
12) 1,3-Dichlorobenzene	5.86	146	555344	47.25	ng	99
13) 1,4-Dichlorobenzene	5.95	146	565127	47.48	ng	97
14) 1,2-Dichlorobenzene	6.12	146	516433	47.11	ng	96
15) Benzyl Alcohol	6.10	79	424451	49.18	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	686950	42.51	ng	95
17) 2-Methylphenol	6.24	107	442383	49.30	ng	95
18) Hexachloroethane	6.52	117	184875	44.19	ng	90
19) n-Nitroso-di-n-propylamine	6.42	70	370487	48.88	ng	99
20) 3+4-Methylphenols	6.42	107	580632	53.43	ng	# 63
22) Acetophenone	6.40	105	756852	52.03	ng	# 87
24) Nitrobenzene	6.60	77	545847	48.39	ng	96
25) Isophorone	6.89	82	986274	49.08	ng	94
26) 2-Nitrophenol	6.97	139	184997	34.39	ng	96
27) 2,4-Dimethylphenol	7.05	122	488352	52.69	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	643130	48.53	ng	99
29) 2,4-Dichlorophenol	7.27	162	456327	52.66	ng	99
30) 1,2,4-Trichlorobenzene	7.36	180	434353	48.66	ng	98
31) Naphthalene	7.46	128	1618485	51.57	ng	100
32) Benzoic acid	7.15	122	23661	3.83	ng	95
33) 4-Chloroaniline	7.52	127	162693	12.79	ng	# 93
34) Hexachlorobutadiene	7.61	225	210621	46.01	ng	96
35) Caprolactam	7.99	113	125247	45.32	ng	93
36) 4-Chloro-3-methylphenol	8.15	107	469454	51.84	ng	91
37) 2-Methylnaphthalene	8.30	142	1054788	50.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	382606	47.96	ng	100
40) Hexachlorocyclopentadiene	8.49	237	143491	38.43	ng	99

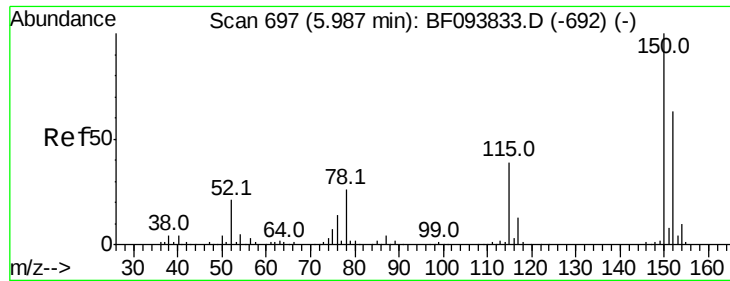
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	300892	53.31	nq	98
43) 2,4,5-Trichlorophenol	8.71	196	295546	48.39	nq	94
45) 1,1'-Biphenyl	8.87	154	1125941	47.86	nq	98
46) 2-Chloronaphthalene	8.89	162	881601	47.88	nq	94
47) 2-Nitroaniline	9.02	65	315700	57.79	nq	90
48) Acenaphthylene	9.40	152	1413767	46.20	nq	100
49) Dimethylphthalate	9.26	163	1177430	56.80	nq	100
50) 2,6-Dinitrotoluene	9.33	165	209563	44.10	nq	# 88
51) Acenaphthene	9.62	154	950005	53.20	nq	100
52) 3-Nitroaniline	9.53	138	263130	47.15	nq	89
53) 2,4-Dinitrophenol	9.66	184	7674	7.50	nq	93
54) Dibenzofuran	9.83	168	1313456	54.03	nq	99
55) 4-Nitrophenol	9.77	139	321564	73.58	nq	# 71
56) 2,4-Dinitrotoluene	9.82	165	238546	39.96	nq	# 70
57) Fluorene	10.25	166	980238	48.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	207960	49.62	nq	99
59) Diethylphthalate	10.13	149	1038796	50.70	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	370924	43.19	nq	88
61) 4-Nitroaniline	10.29	138	302197	56.43	nq	94
62) Azobenzene	10.45	77	949283	48.98	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	12502	4.20	nq	# 70
65) n-Nitrosodiphenylamine	10.40	169	863131	51.40	nq	97
66) 4-Bromophenyl-phenylether	10.85	248	242006	50.67	nq	96
67) Hexachlorobenzene	10.93	284	239379	49.52	nq	# 90
68) Atrazine	11.08	200	228207	45.37	nq	97
69) Pentachlorophenol	11.18	266	205759	68.38	nq	98
70) Phenanthrene	11.44	178	2465604	91.28	nq	99
71) Anthracene	11.50	178	1608306	57.83	nq	99
72) Carbazole	11.70	167	1349467	47.32	nq	99
73) Di-n-butylphthalate	12.15	149	1472213	49.64	nq	98
74) Fluoranthene	12.90	202	2221298	80.31	nq	99
76) Benzidine	13.06	184	224996	19.54	nq	# 93
77) Pyrene	13.17	202	2118672	100.32	nq	100
79) Butylbenzylphthalate	13.99	149	546373	60.72	nq	90
80) Benzo(a)anthracene	14.64	228	1229624	72.46	nq	99
81) 3,3'-Dichlorobenzidine	14.62	252	201121	33.16	nq	# 95
82) Chrysene	14.69	228	1032034	65.54	nq	98
83) Bis(2-ethylhexyl)phthalate	14.70	149	713653	58.13	nq	# 99
84) Di-n-octyl phthalate	15.46	149	1172666	57.18	nq	99
85) Indeno(1,2,3-cd)pyrene	17.66	276	928930	68.11	nq	99
87) Benzo(b)fluoranthene	15.88	252	1150395	67.98	nq	97
88) Benzo(k)fluoranthene	15.88	252	1150395	69.48	nq	98
89) Benzo(a)pyrene	16.23	252	1051382	67.47	nq	99
90) Dibenzo(a,h)anthracene	17.67	278	613994	46.53	nq	98
91) Benzo(g,h,i)perylene	18.06	276	798494	60.04	nq	99

(#) = 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

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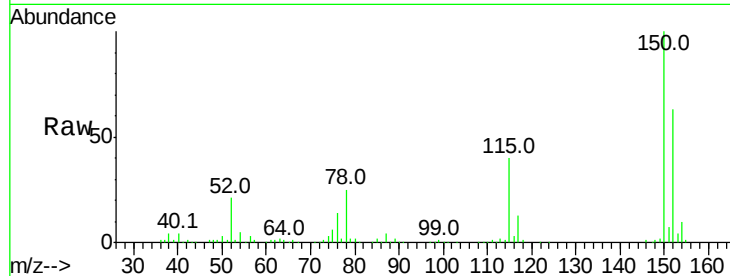
Tot Ion:152 Resp: 160998

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

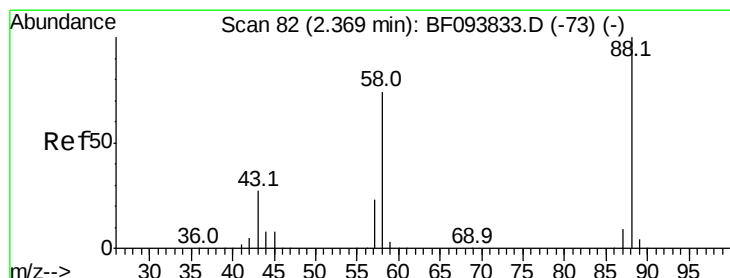
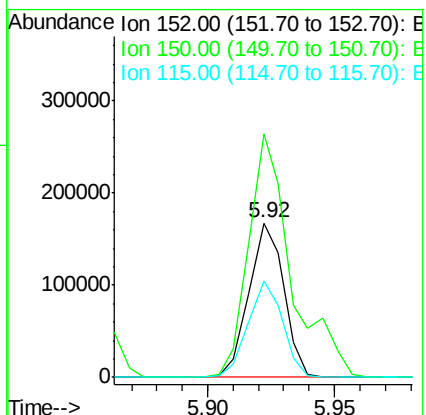
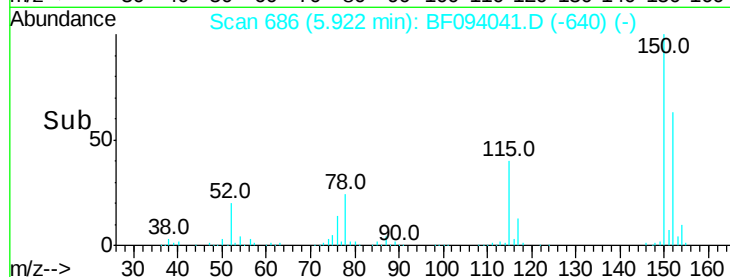
115 62.7 52.2 78.2



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: 38.66 ng

RT: 2.32 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

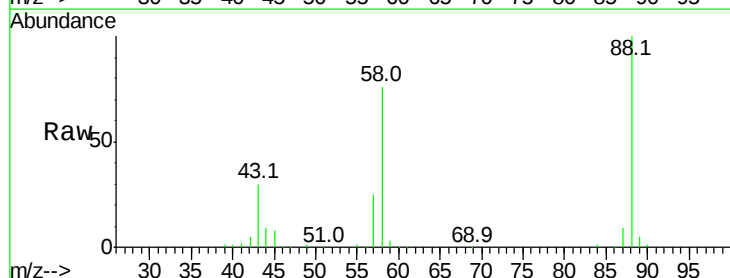
Tgt Ion: 88 Resp: 177052

Ion Ratio Lower Upper

88 100

58 75.9 61.4 92.0

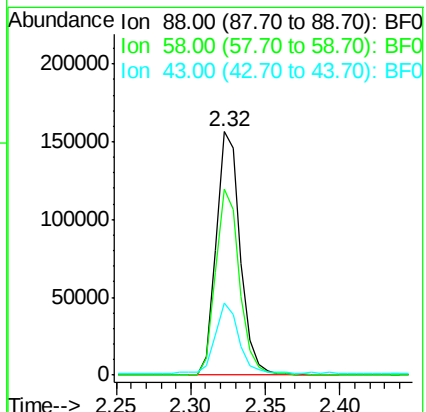
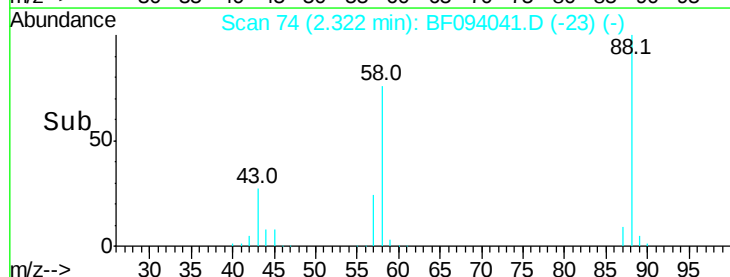
43 28.2 23.4 35.0

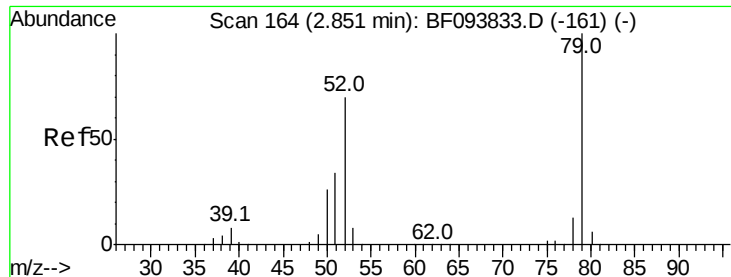


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

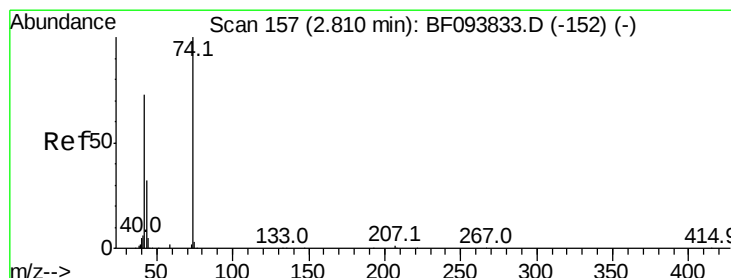
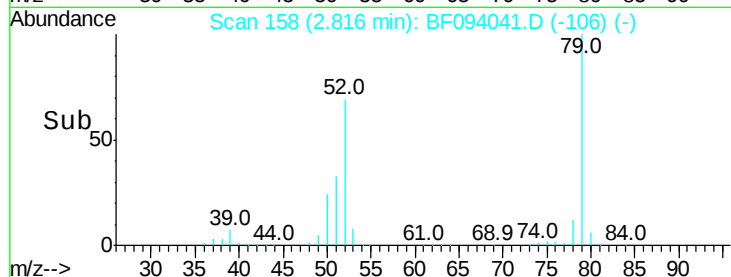
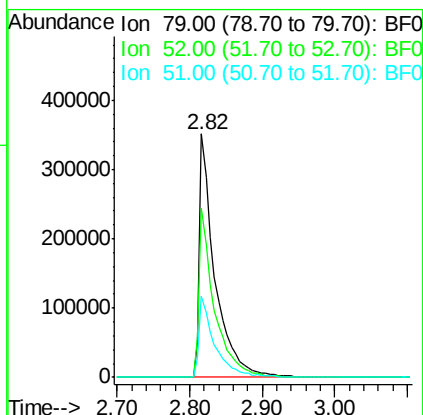
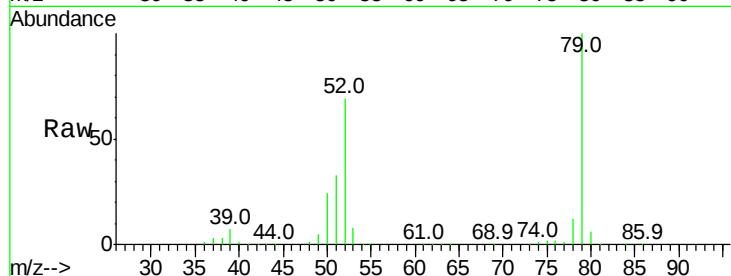




#3
 Pvridine
 Concen: 41.72 ng
 RT: 2.82 min Scan# 158
 Delta R.T. 0.01 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

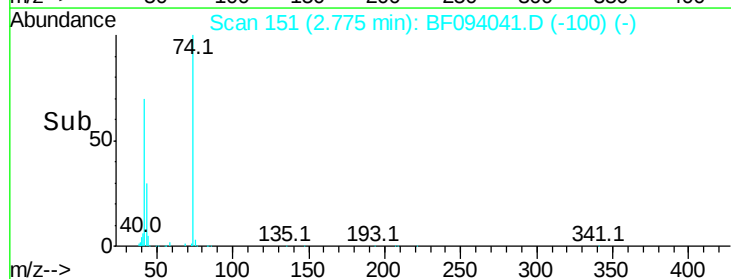
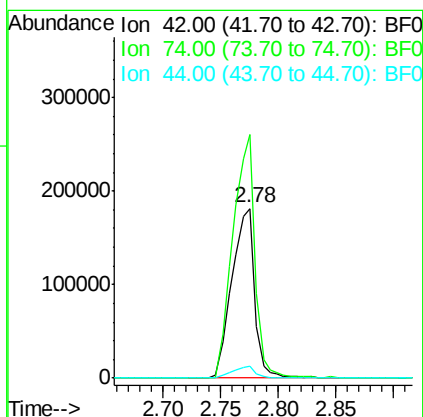
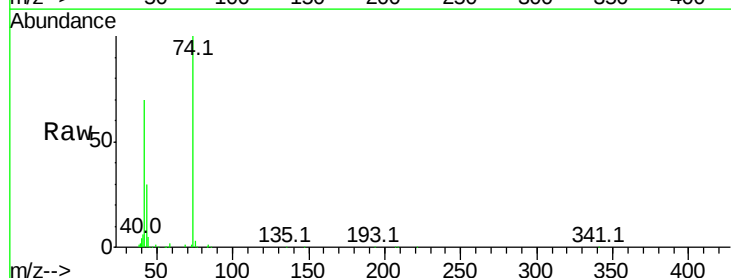
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMS

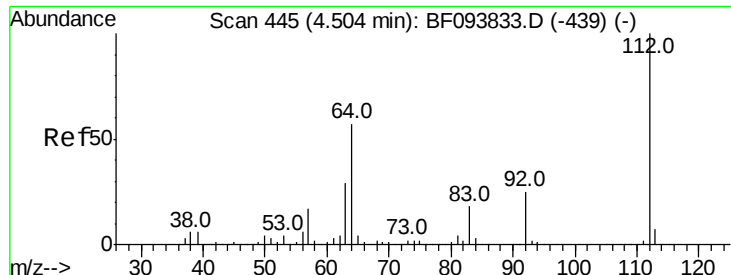
Tot Ion: 79 Resp: 520677
 Ion Ratio Lower Upper
 79 100
 52 69.4 54.8 82.2
 51 33.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 48.58 ng
 RT: 2.78 min Scan# 151
 Delta R.T. 0.00 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion: 42 Resp: 249486
 Ion Ratio Lower Upper
 42 100
 74 143.3 103.9 155.9
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 140.71 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

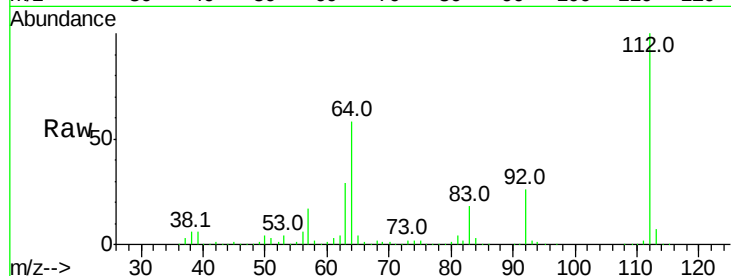
Tot Ion:112 Resp: 1341242

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

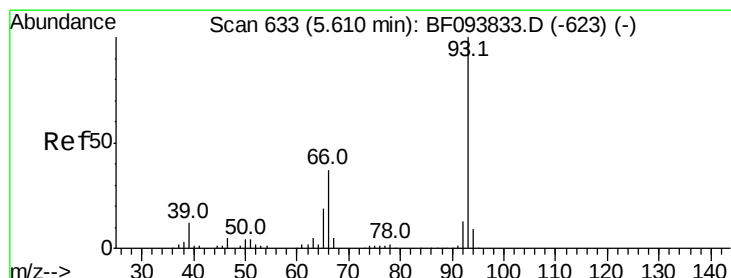
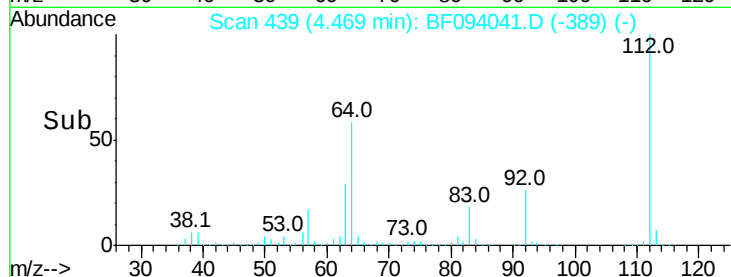
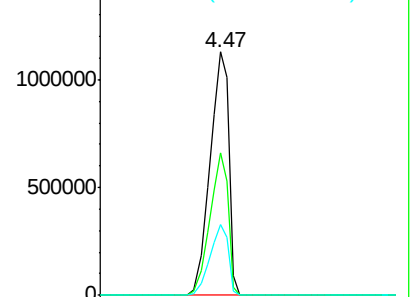
63 29.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.58 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

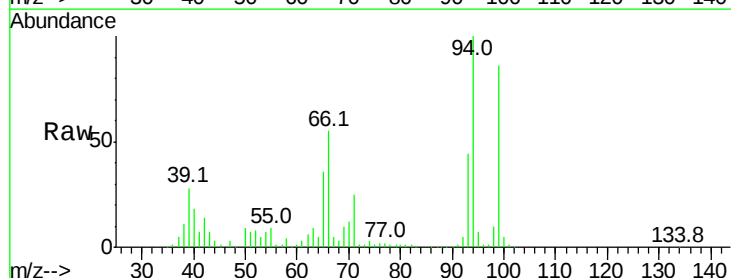
Tgt Ion: 93 Resp: 304736

Ion Ratio Lower Upper

93 100

66 126.9 32.9 49.3#

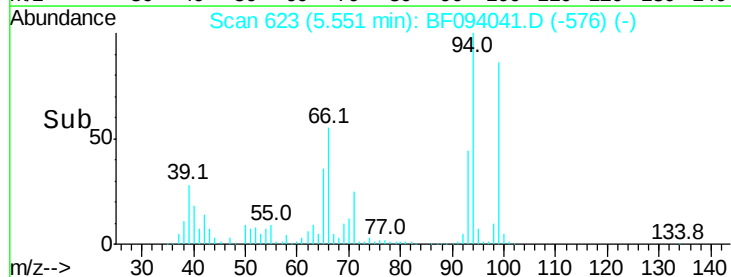
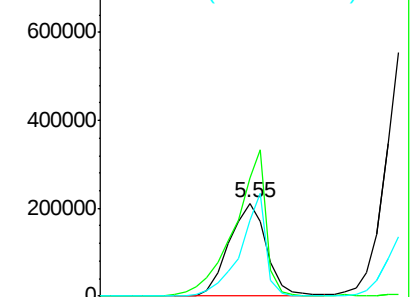
65 82.2 16.0 24.0#

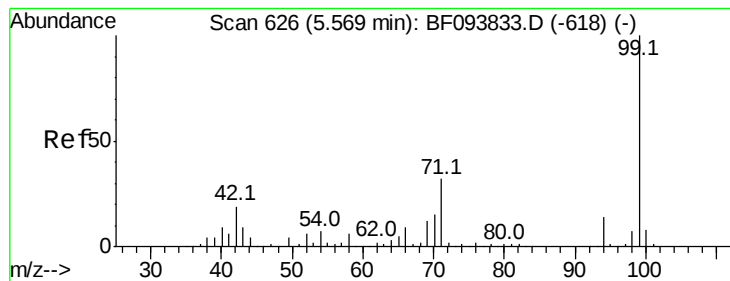


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.60 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

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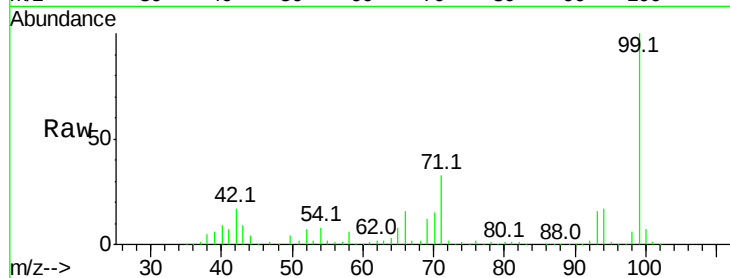
Tot Ion: 99 Resp: 1693298

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

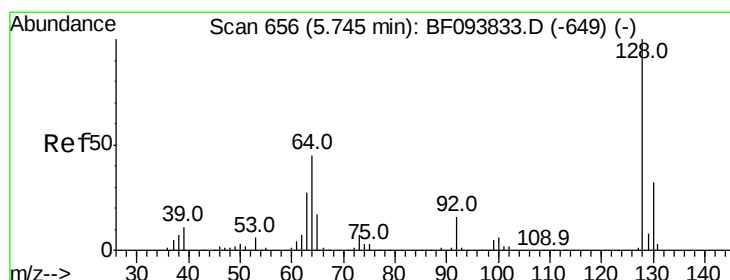
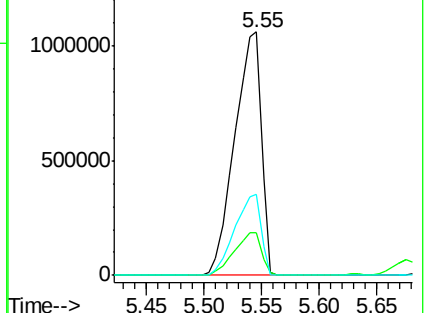
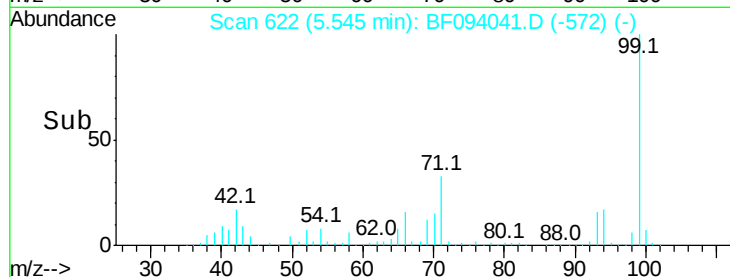
71 33.5 24.5 36.7



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



#8

2-Chlorophenol

Concen: 51.01 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

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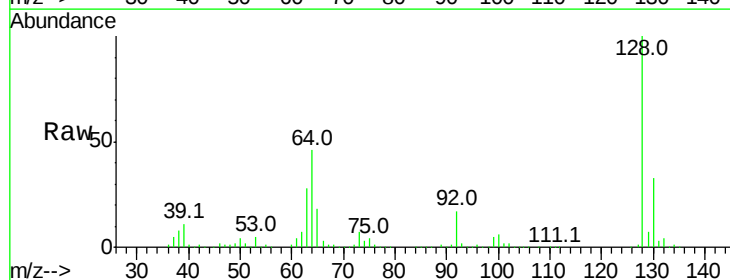
Tgt Ion:128 Resp: 534427

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

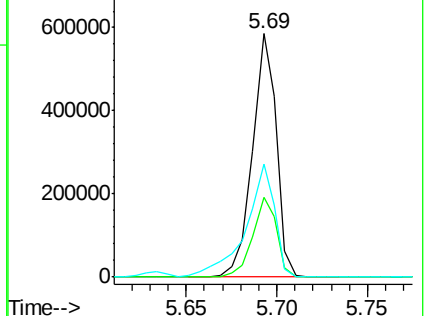
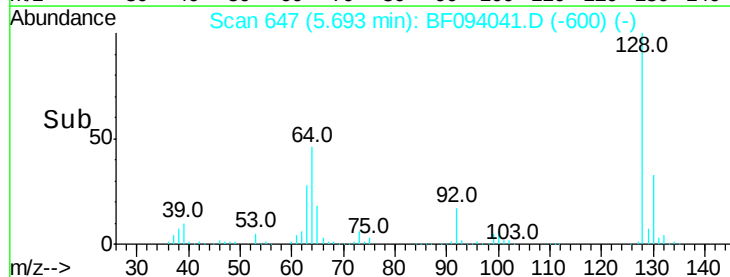
64 46.3 28.4 68.4

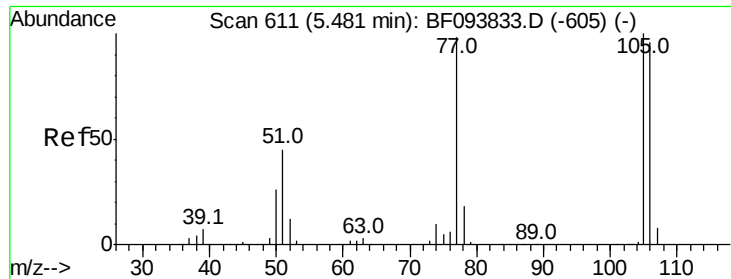


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.44 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.03 min

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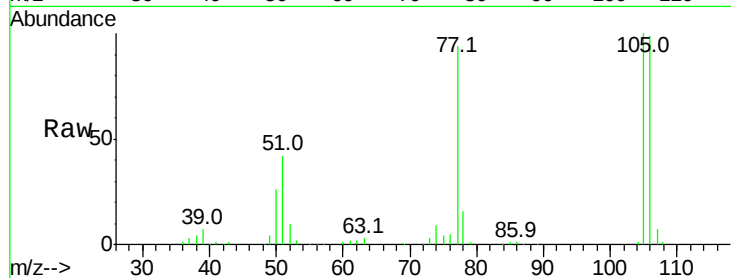
Tot Ion: 77 Resp: 107016

Ion Ratio Lower Upper

77 100

105 106.1 83.8 123.8

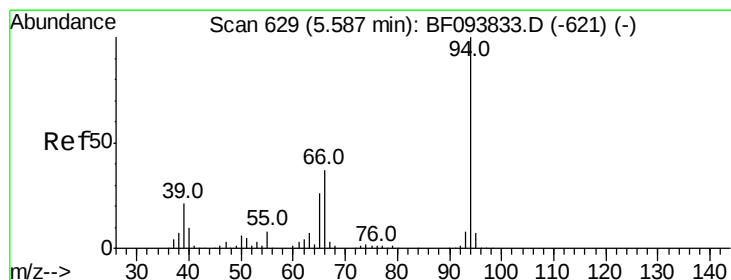
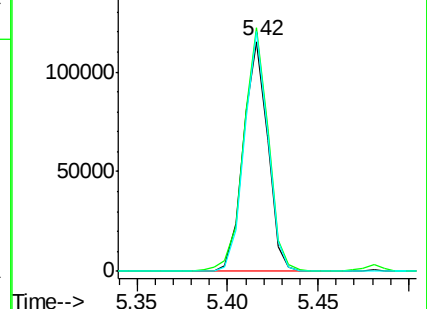
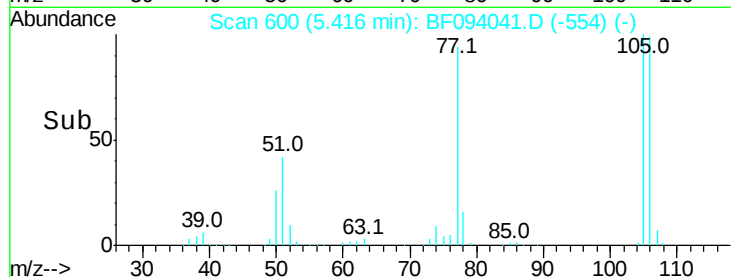
106 104.6 79.1 119.1



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: 47.27 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

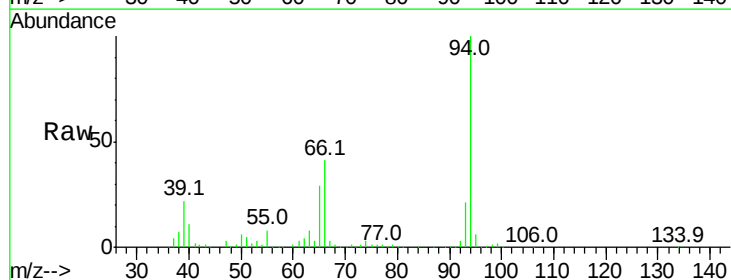
Tgt Ion: 94 Resp: 634324

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

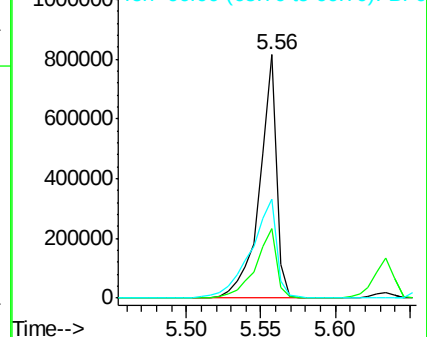
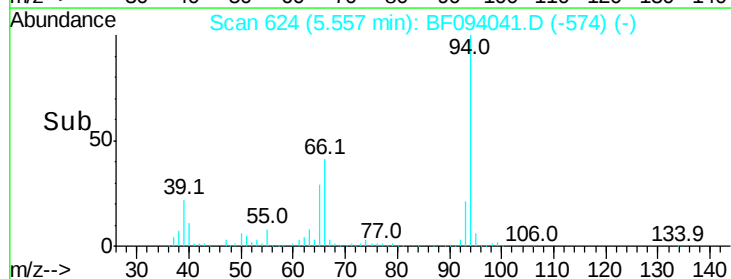
66 40.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 48.24 ng

RT: 5.63 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

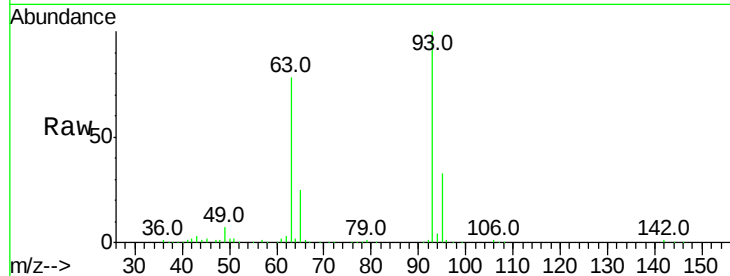
Tot Ion: 93 Resp: 505926

Ion Ratio Lower Upper

93 100

63 78.3 59.2 99.2

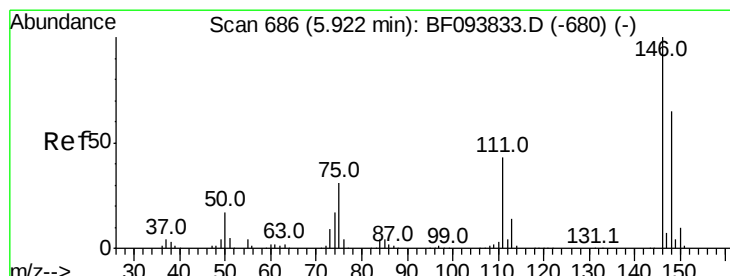
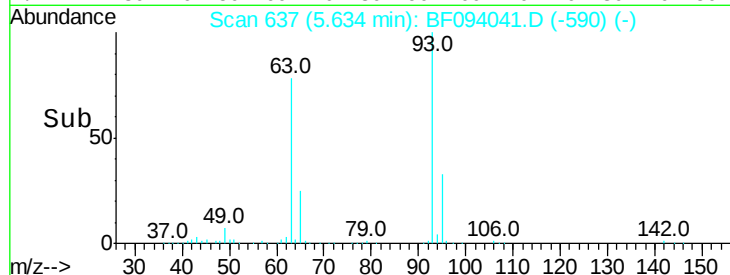
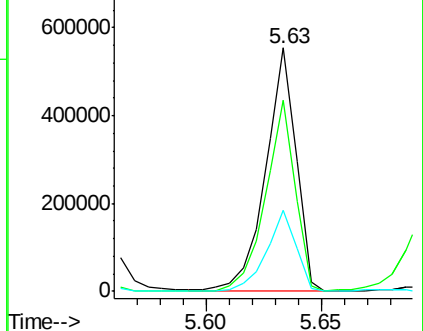
95 33.1 12.8 52.8



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: 47.25 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

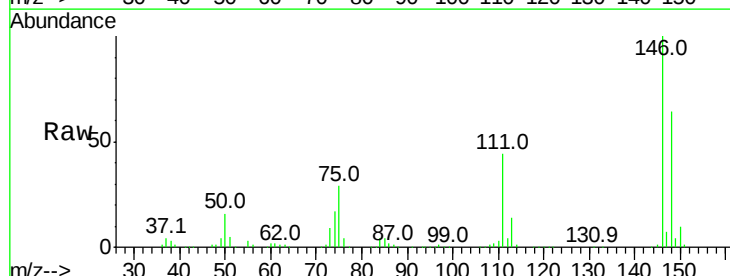
Tgt Ion: 146 Resp: 555344

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

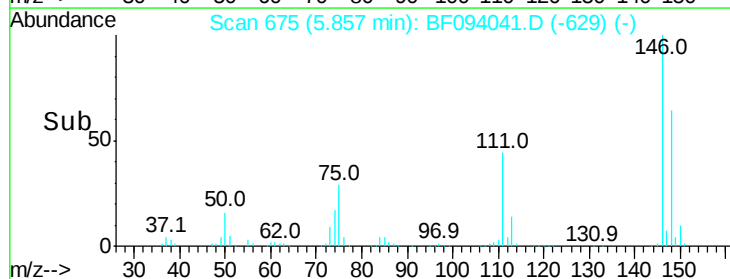
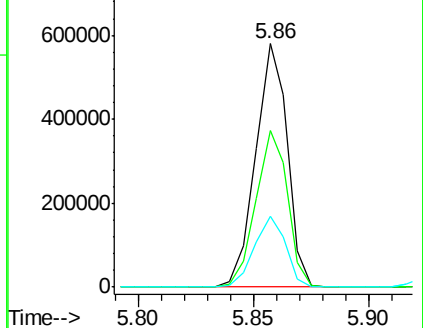
75 29.3 23.1 34.7

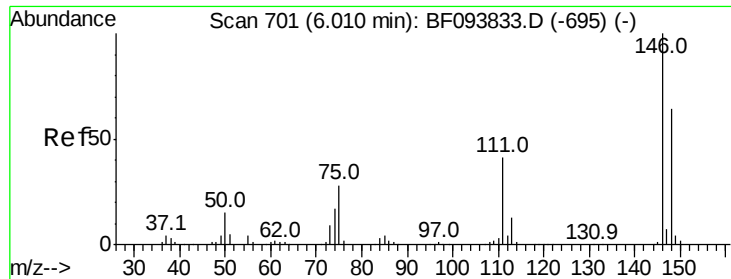


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 47.48 ng

RT: 5.95 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

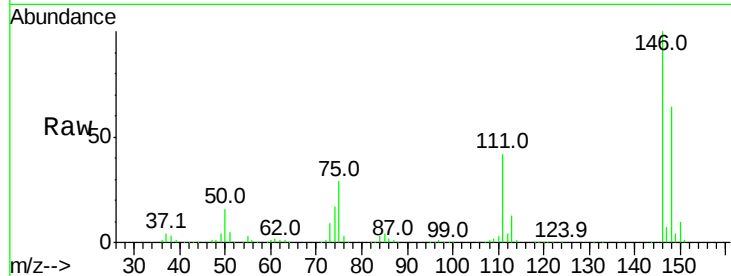
Tot Ion:146 Resp: 565127

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

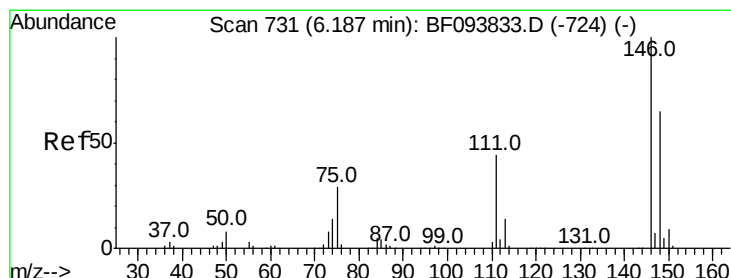
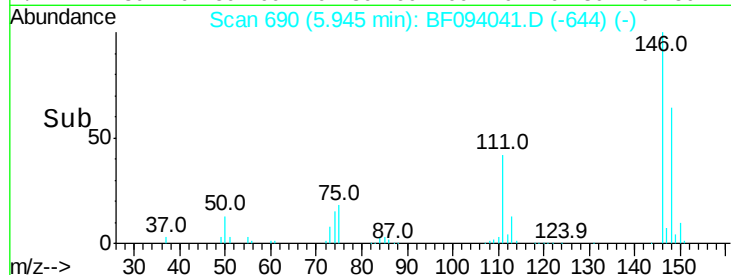
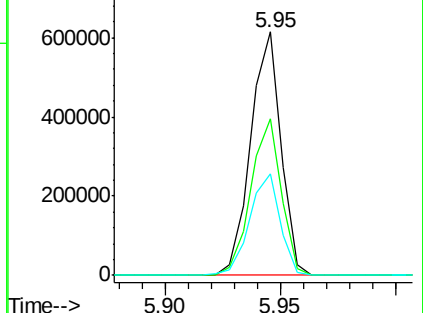
111 41.7 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.11 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

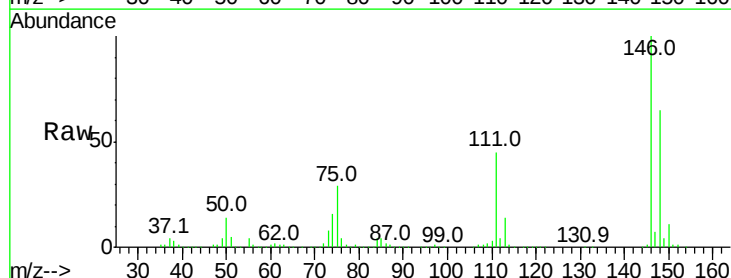
Tgt Ion:146 Resp: 516433

Ion Ratio Lower Upper

146 100

148 65.4 50.4 75.6

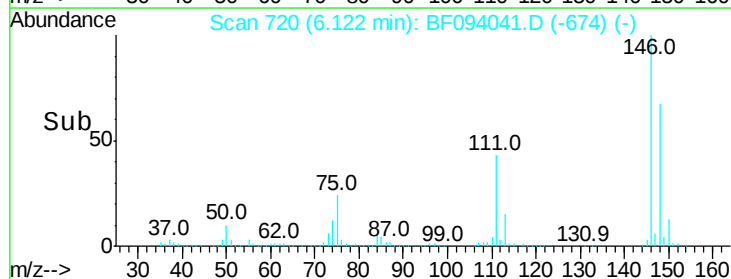
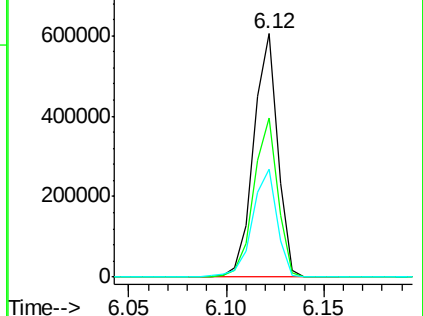
111 44.6 38.2 57.4



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: 49.18 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

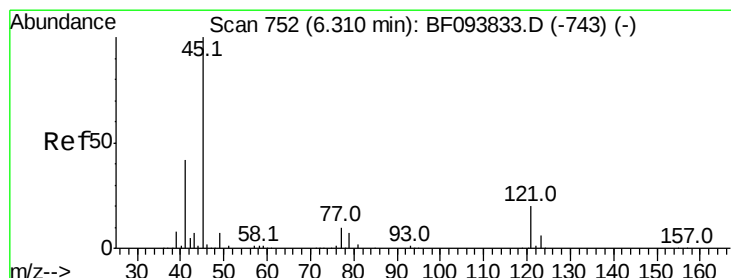
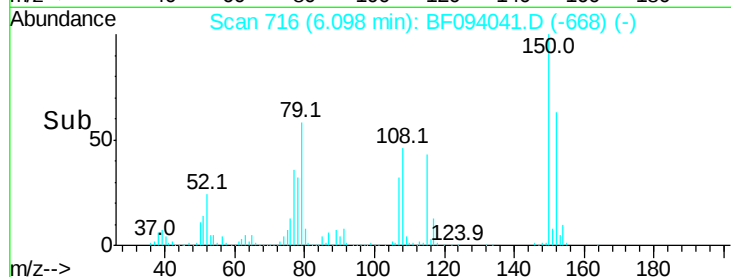
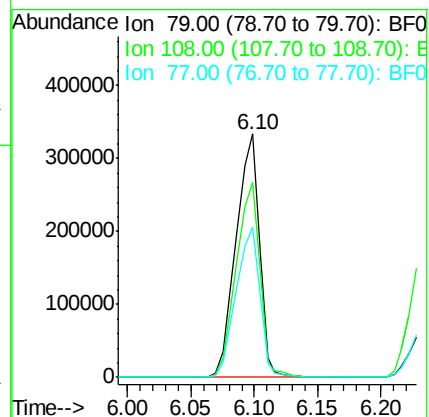
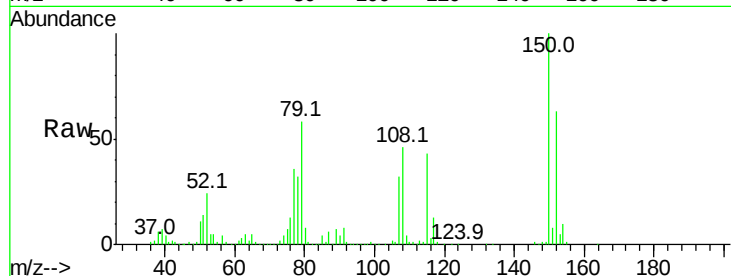
Tot Ion: 79 Resp: 424451

Ion Ratio Lower Upper

79 100

108 80.2 63.4 95.0

77 61.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.51 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

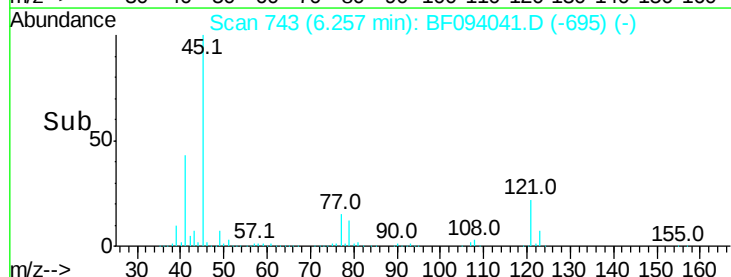
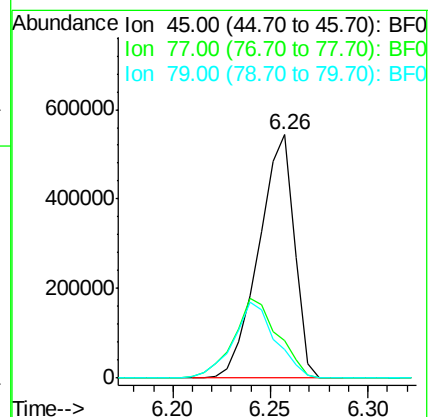
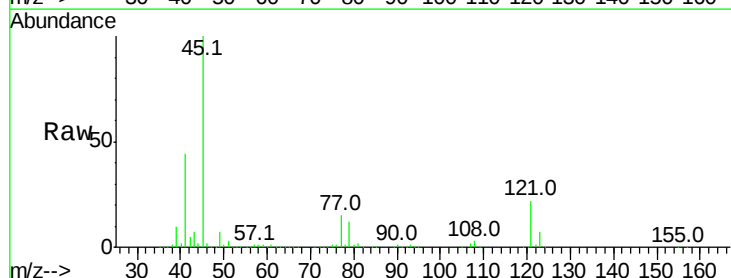
Tgt Ion: 45 Resp: 686950

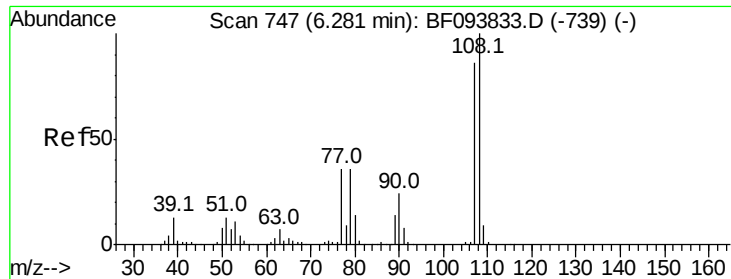
Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.2

79 11.8 0.0 30.0

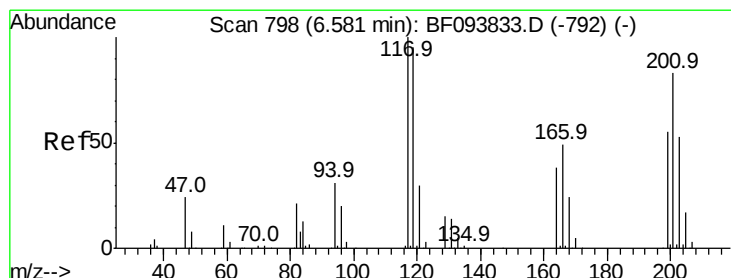
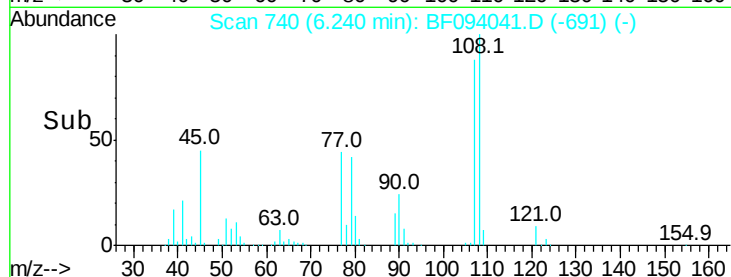
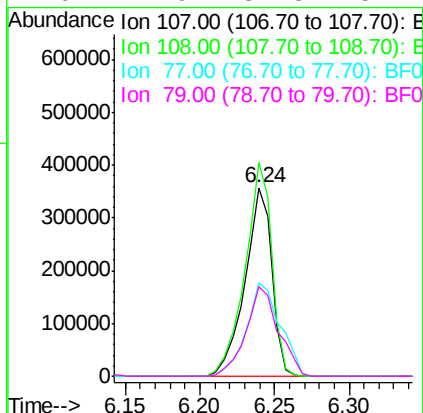
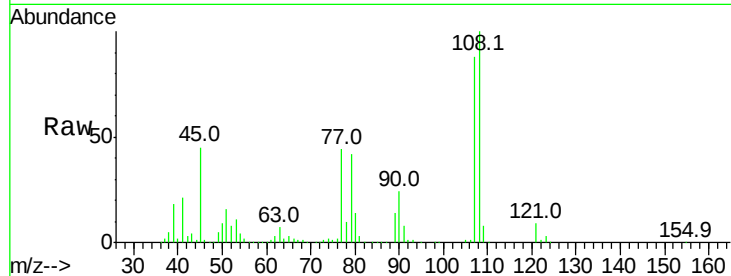




#17
2-Methylphenol
Concen: 49.30 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

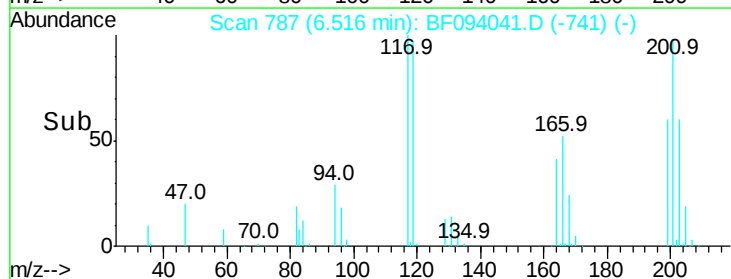
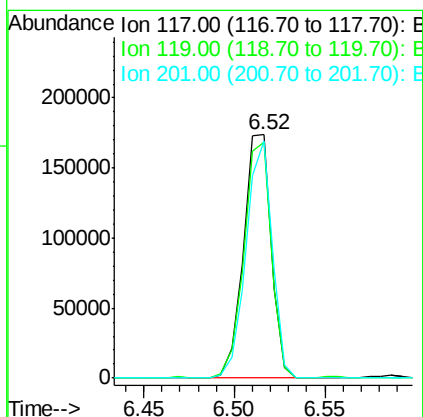
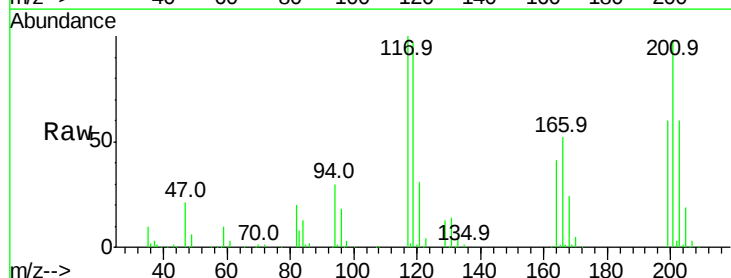
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMS

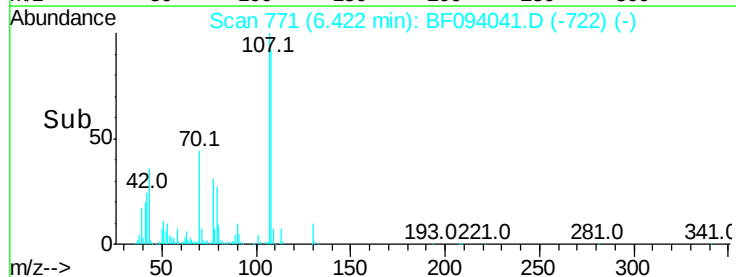
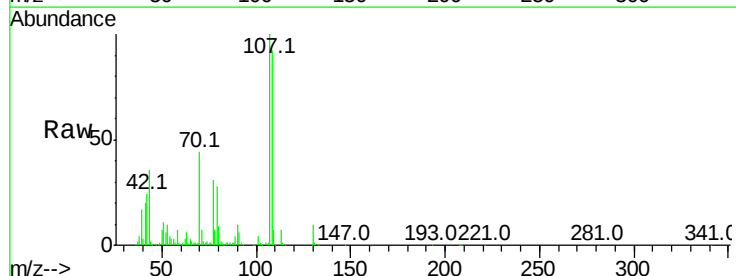
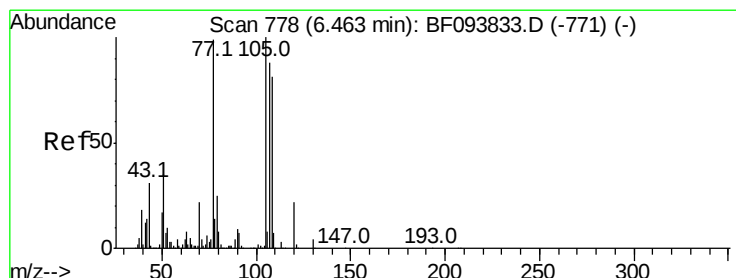
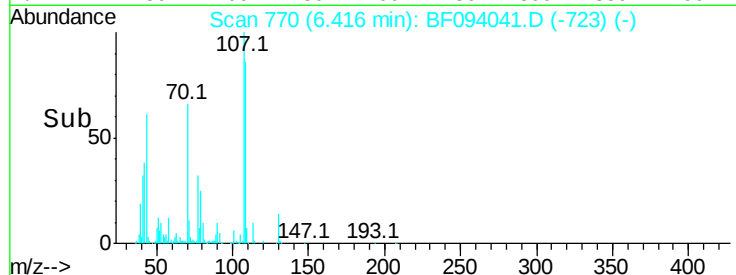
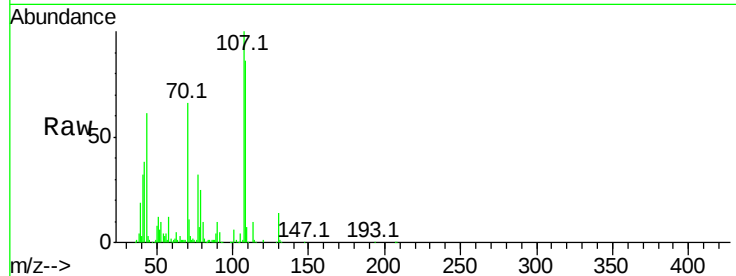
Tot Ion:	107	Resp:	442383
Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.4	140.0
77	49.7	35.8	53.6
79	47.9	34.8	52.2



#18
Hexachloroethane
Concen: 44.19 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:	117	Resp:	184875
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	97.6	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 48.88 ng

RT: 6.42 min Scan# 770

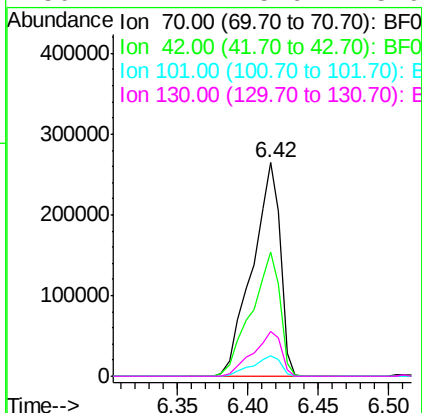
Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.4	47.2	70.8	
101	9.9	7.2	10.8	
130	21.2	15.9	23.9	



#20

3+4-Methylphenols

Concen: 53.43 ng

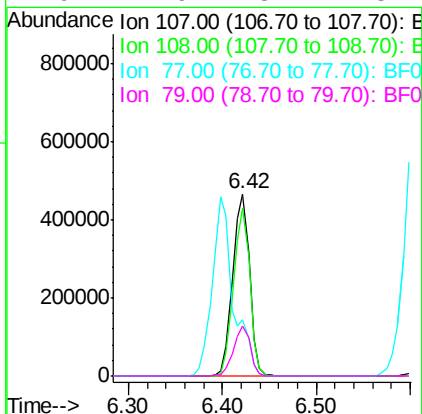
RT: 6.42 min Scan# 771

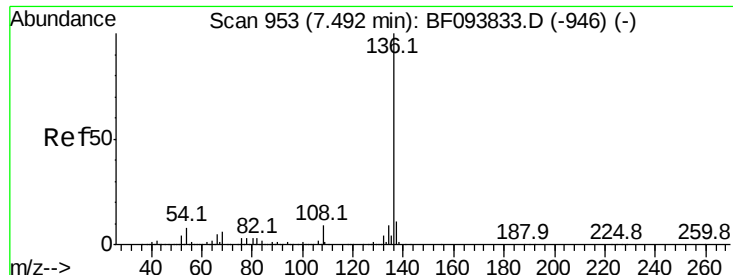
Delta R.T. -0.01 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	71.0	111.0	
77	30.8	90.5	130.5#	
79	27.6	8.4	48.4	

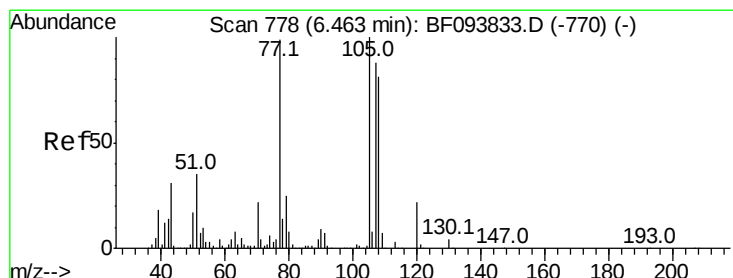
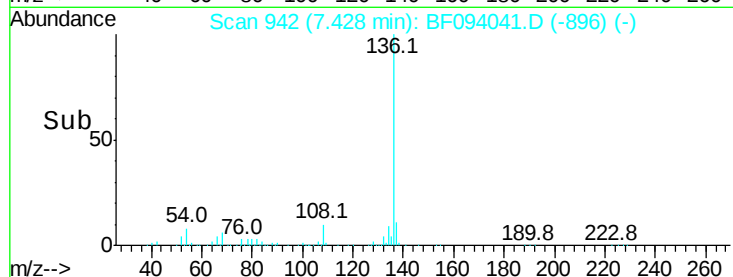
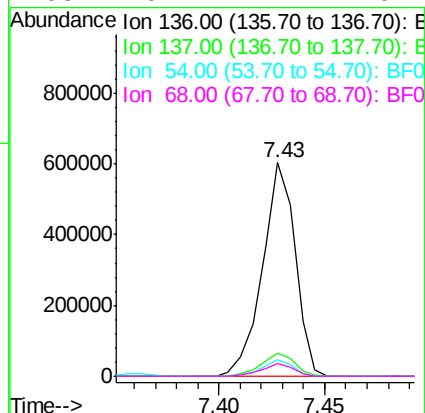
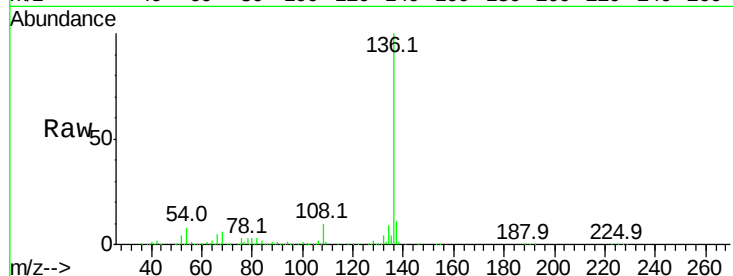




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

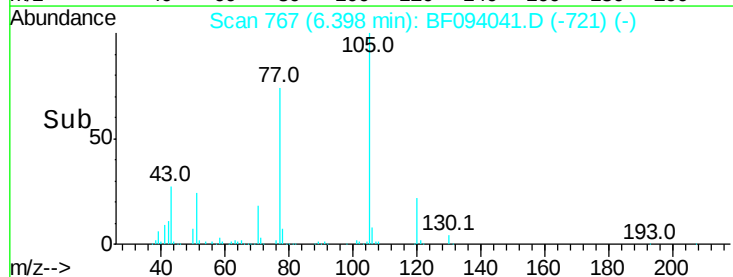
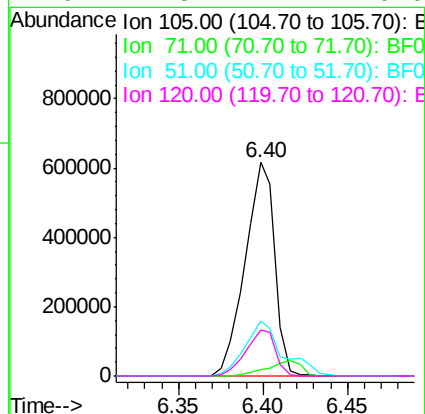
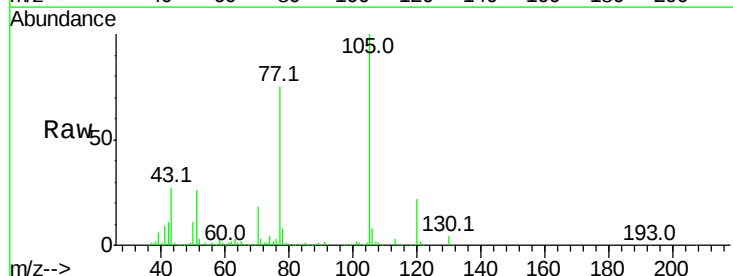
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMS

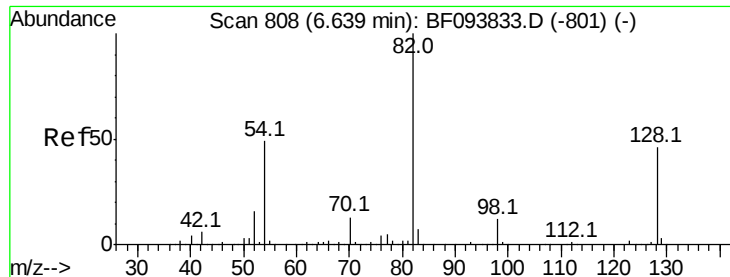
Tot Ion:	136	Resp:	652673
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.6	4.9	7.3#
68	6.1	4.1	6.1



#22
Acetophenone
Concen: 52.03 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:	105	Resp:	756852
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	25.8	30.7	46.1#
120	21.8	17.4	26.0

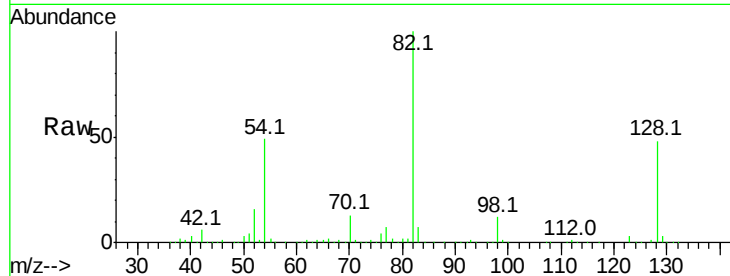




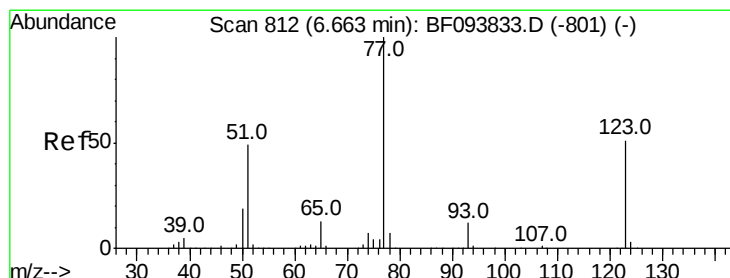
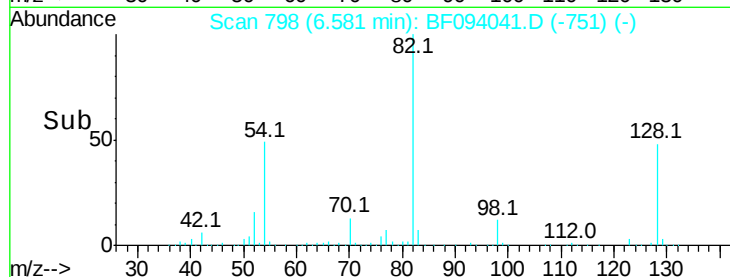
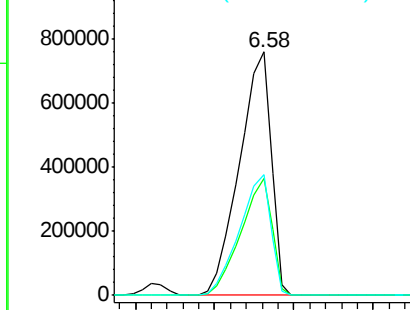
#23
Nitrobenzene-d5
Concen: 92.57 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

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

Tot Ion: 82 Resp: 1058707
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 49.5 42.2 63.2

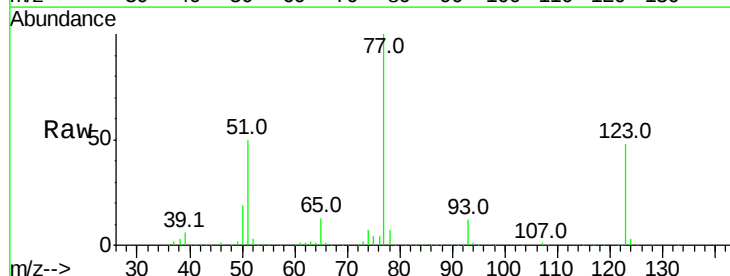


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

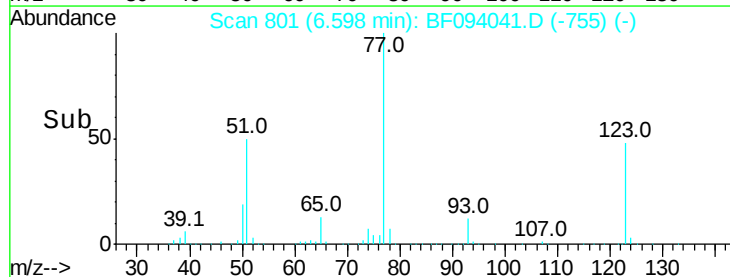
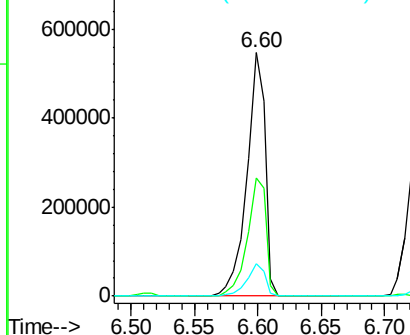


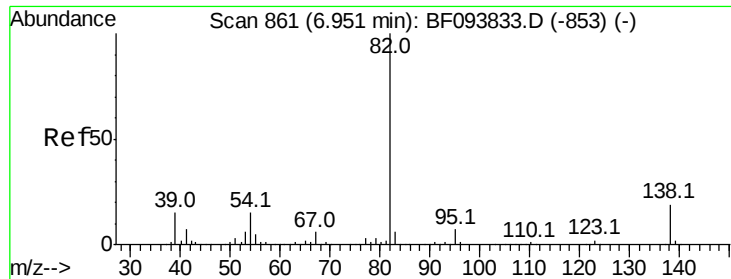
#24
Nitrobenzene
Concen: 48.39 ng
RT: 6.60 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion: 77 Resp: 545847
Ion Ratio Lower Upper
77 100
123 48.3 35.8 53.8
65 13.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.08 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

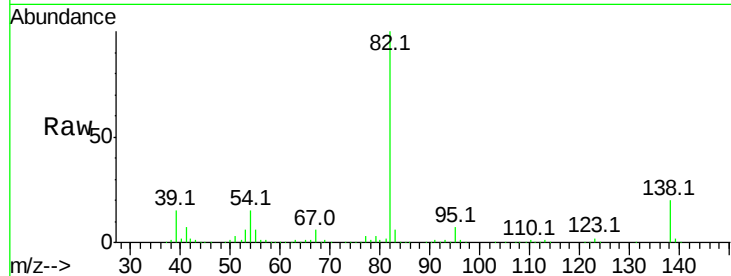
Tot Ion: 82 Resp: 986274

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

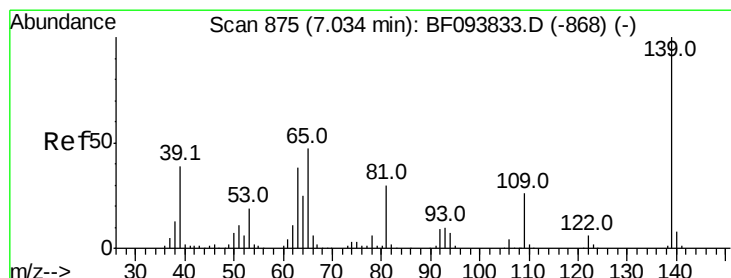
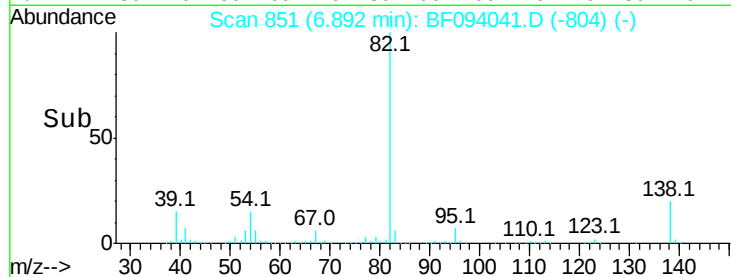
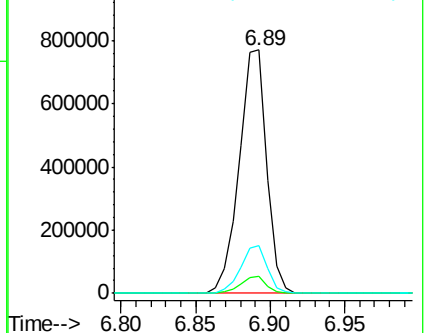
138 19.7 13.1 19.7



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: 34.39 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

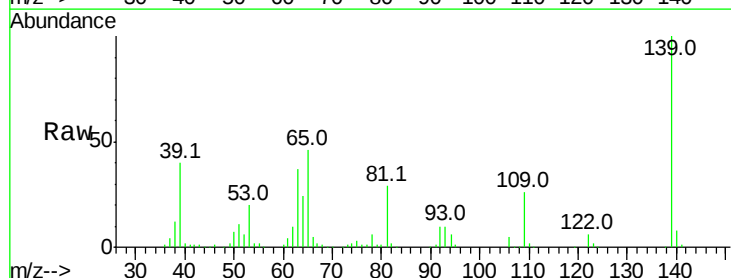
Tgt Ion: 139 Resp: 184997

Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

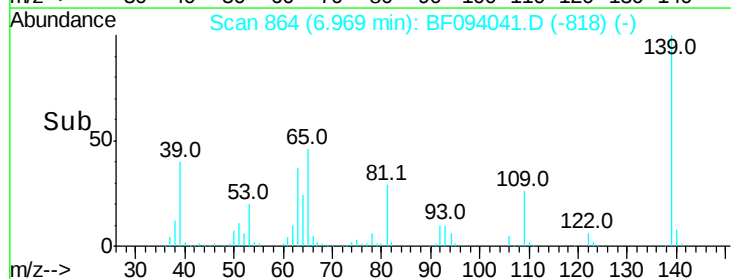
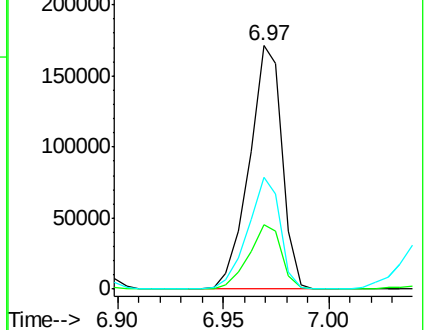
65 45.9 33.0 49.6

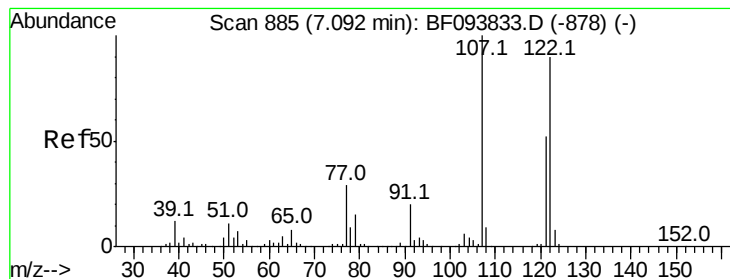


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 52.69 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

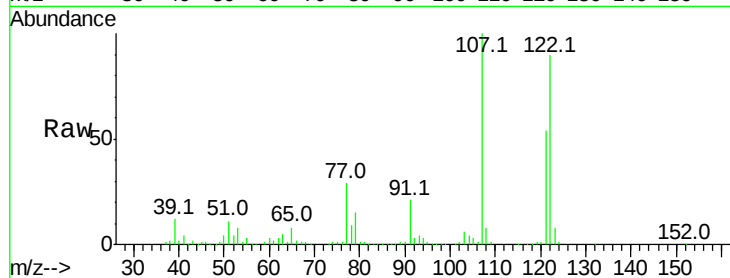
Tot Ion:122 Resp: 488352

Ion Ratio Lower Upper

122 100

107 111.6 89.2 133.8

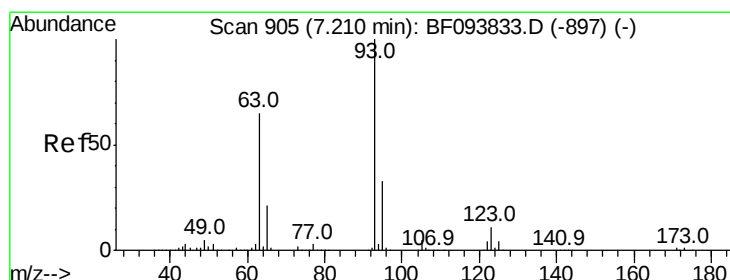
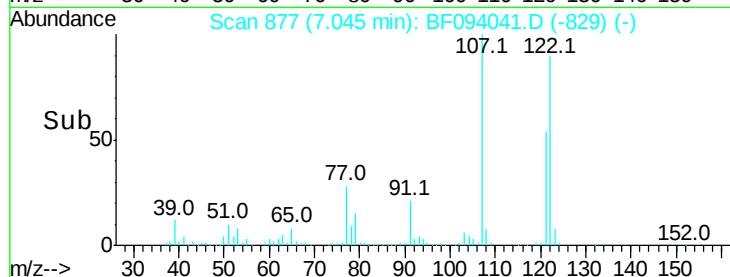
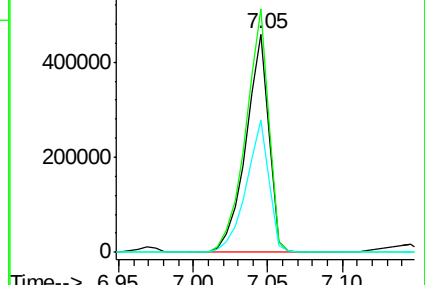
121 60.4 45.2 67.8



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: 48.53 ng

RT: 7.15 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

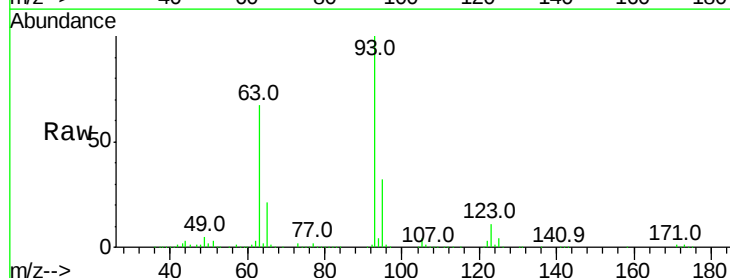
Tgt Ion: 93 Resp: 643130

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

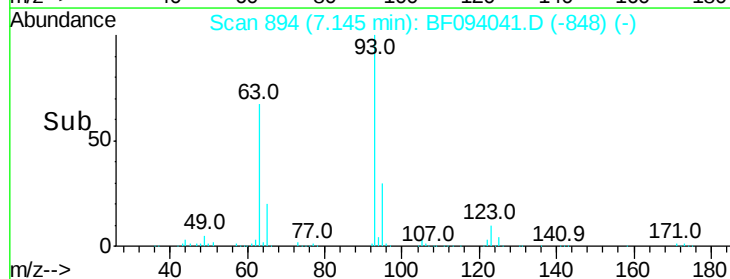
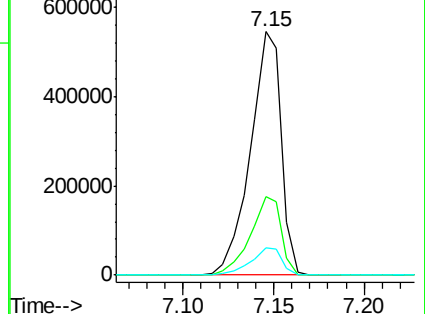
123 11.0 9.0 13.4

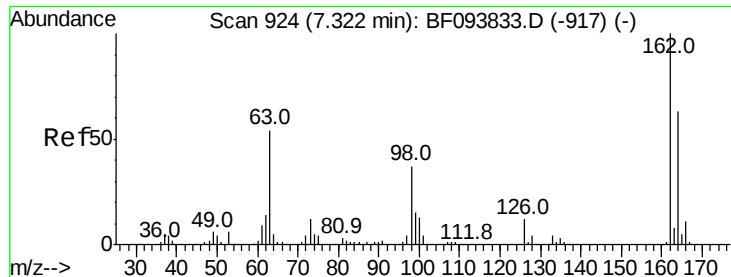


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

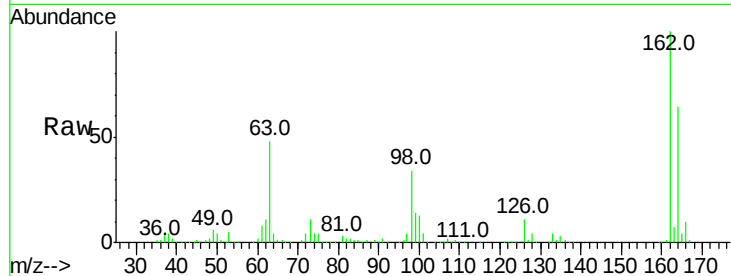




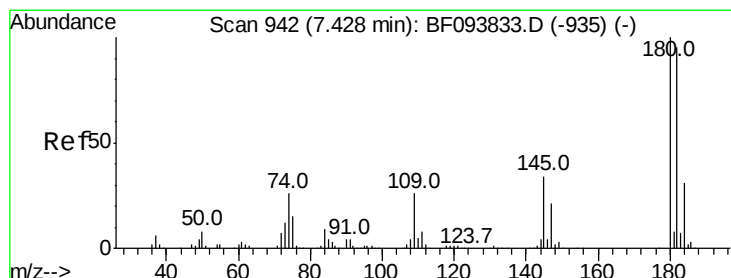
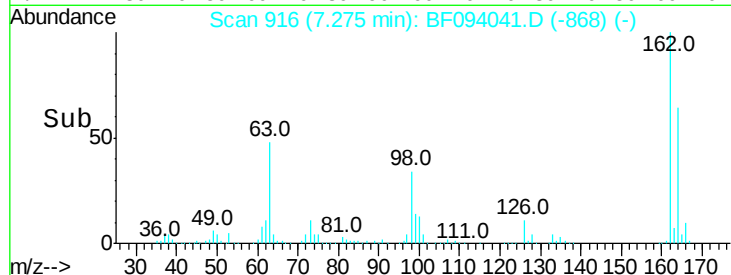
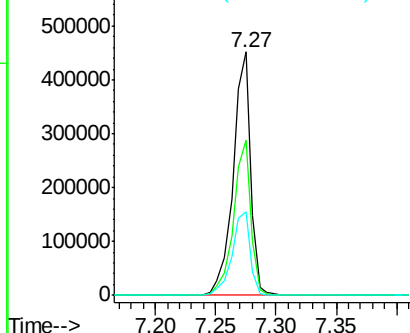
#29
 2,4-Dichlorophenol
 Concen: 52.66 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	34.5	14.8	54.8

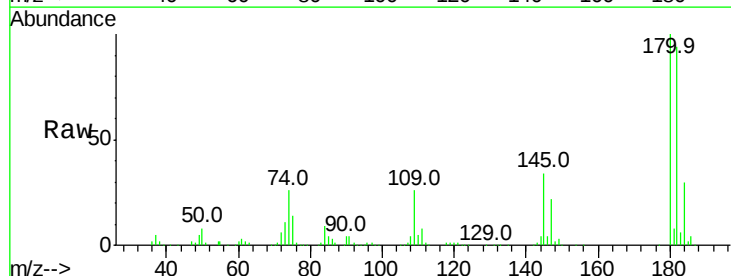


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

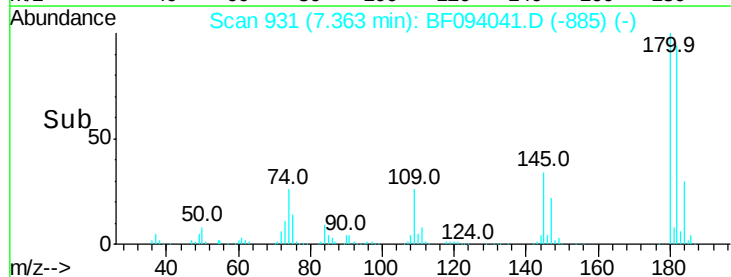
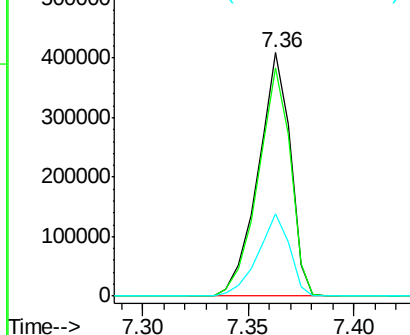


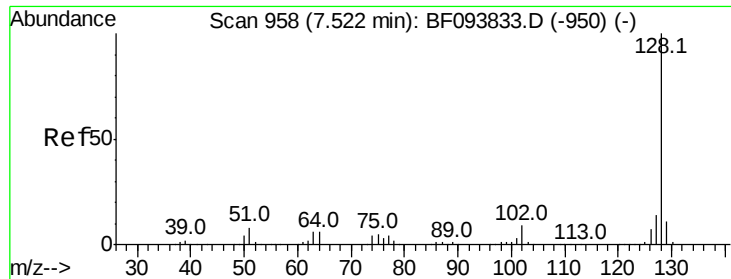
#30
 1,2,4-Trichlorobenzene
 Concen: 48.66 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	33.9	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

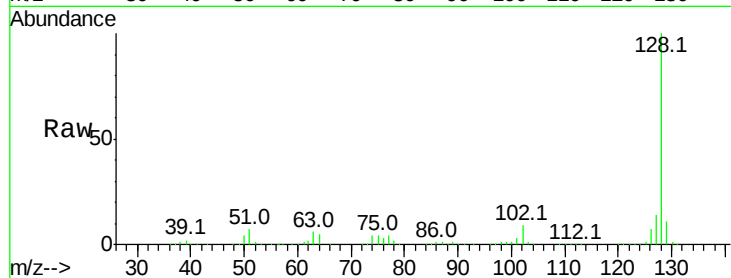




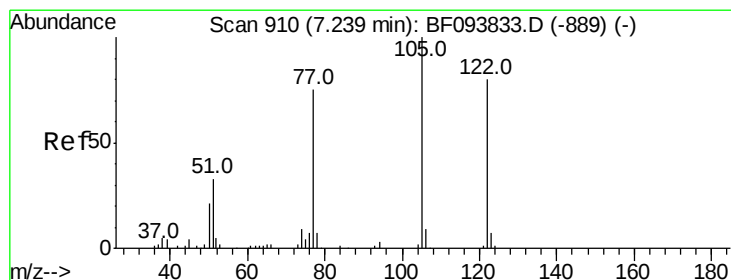
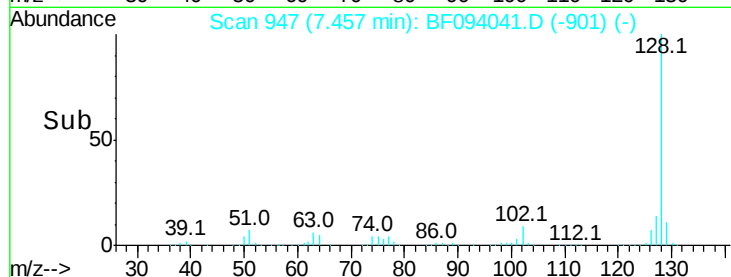
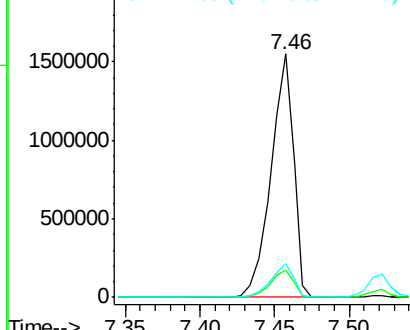
#31
Naphthalene
Concen: 51.57 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

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

Tot Ion:128 Resp: 1618485
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2

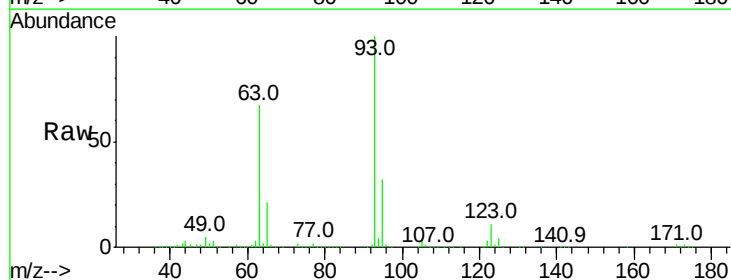


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

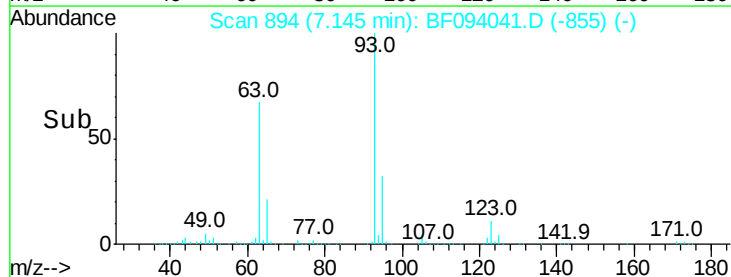
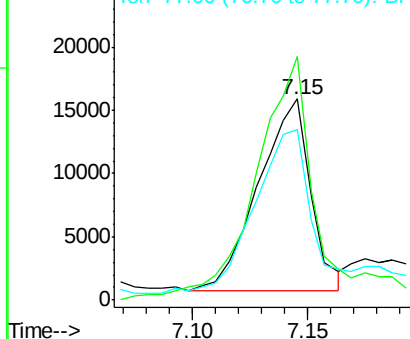


#32
Benzoic acid
Concen: 3.83 ng
RT: 7.15 min Scan# 894
Delta R.T. -0.07 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:122 Resp: 23661
Ion Ratio Lower Upper
122 100
105 121.1 103.3 143.3
77 85.1 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.79 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

Tot Ion:127 Resp: 162693

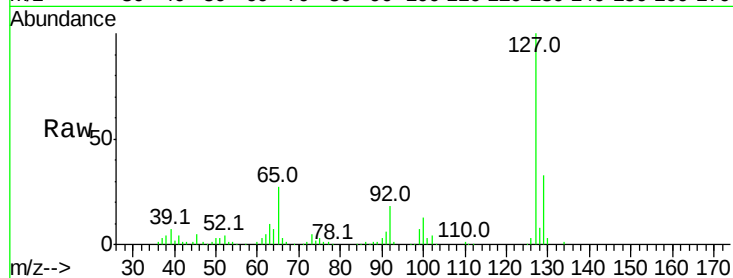
Ion Ratio Lower Upper

127 100

129 32.7 26.2 39.2

65 27.0 27.8 41.8#

92 17.8 16.8 25.2

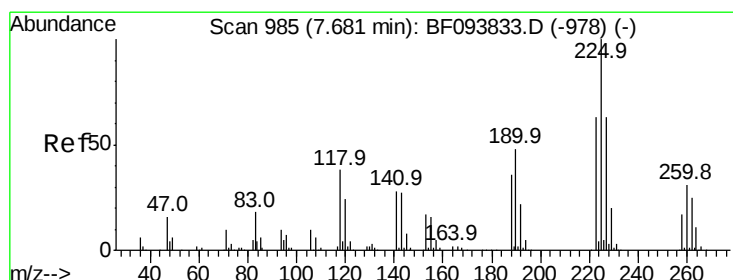
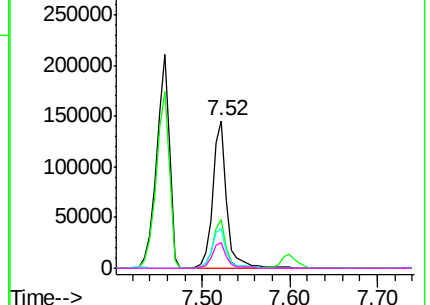
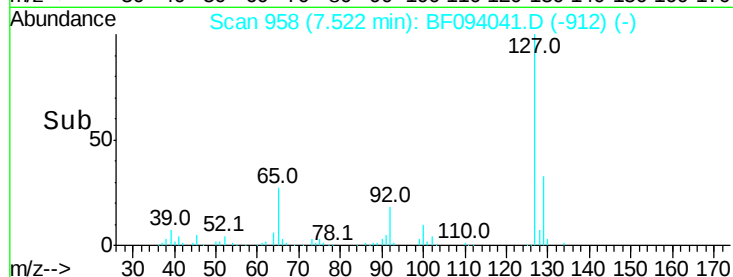


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.01 ng

RT: 7.61 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

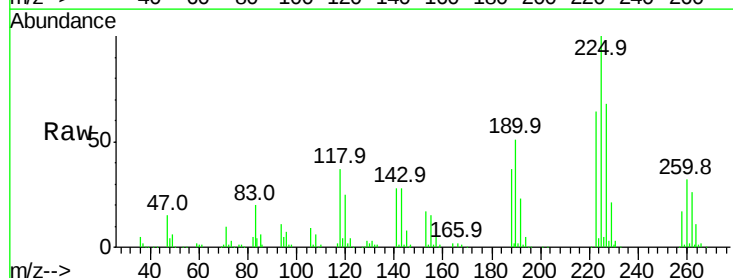
Tgt Ion:225 Resp: 210621

Ion Ratio Lower Upper

225 100

223 63.7 48.8 73.2

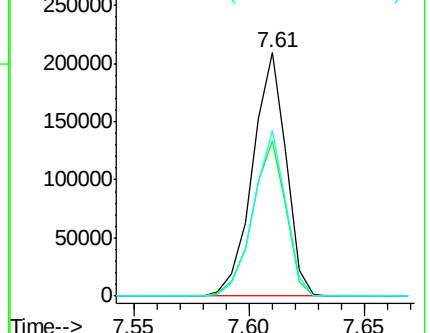
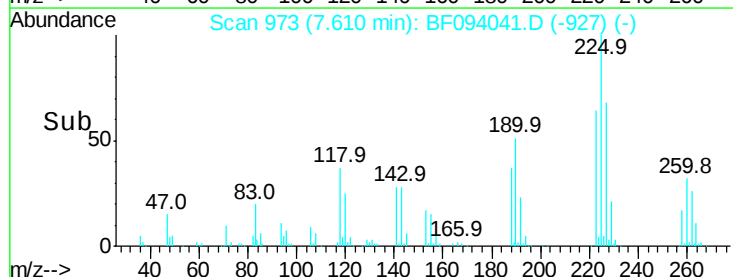
227 67.8 51.1 76.7

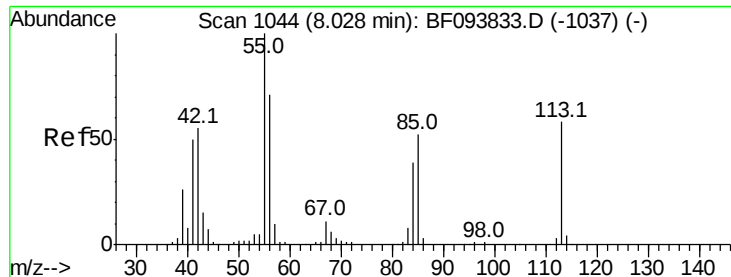


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

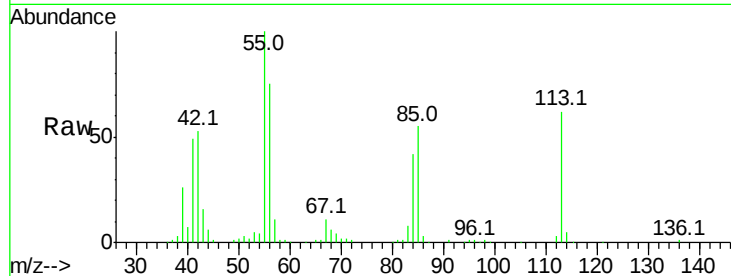




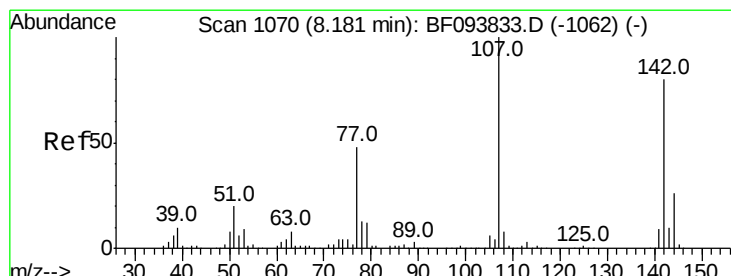
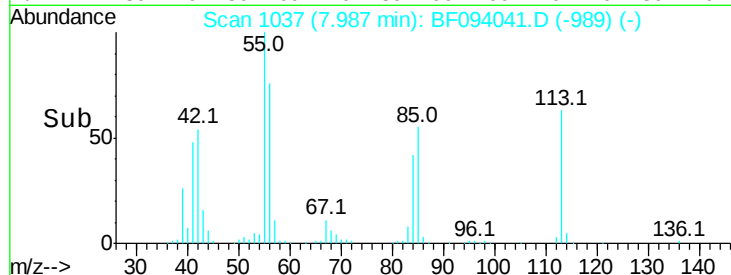
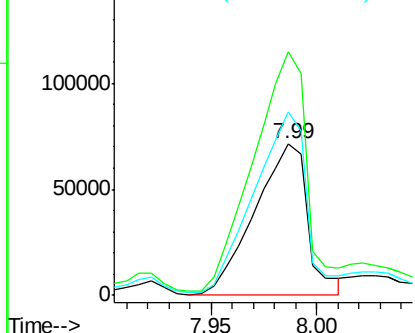
#35
 Caprolactam
 Concen: 45.32 ng
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

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

Tot Ion:113 Resp: 125247
 Ion Ratio Lower Upper
 113 100
 55 160.4 150.2 190.2
 56 120.9 107.8 147.8

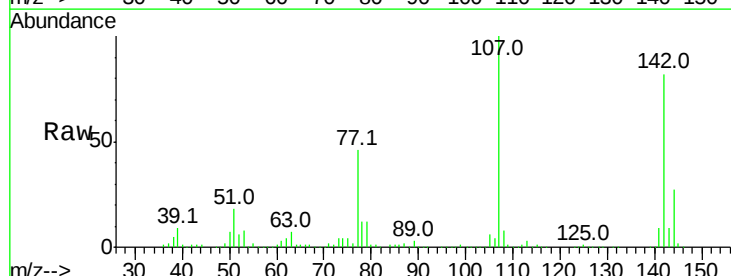


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

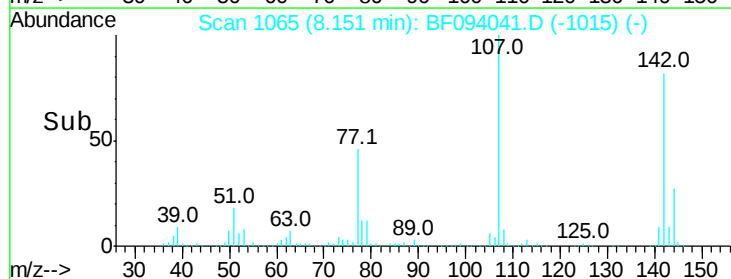
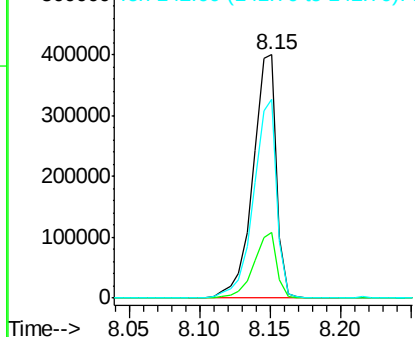


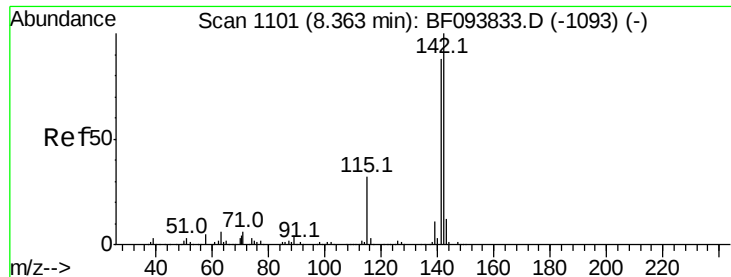
#36
 4-Chloro-3-methylphenol
 Concen: 51.84 ng
 RT: 8.15 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion:107 Resp: 469454
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 81.9 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: 50.42 ng

RT: 8.30 min Scan# 1090

Delta R.T. -0.03 min

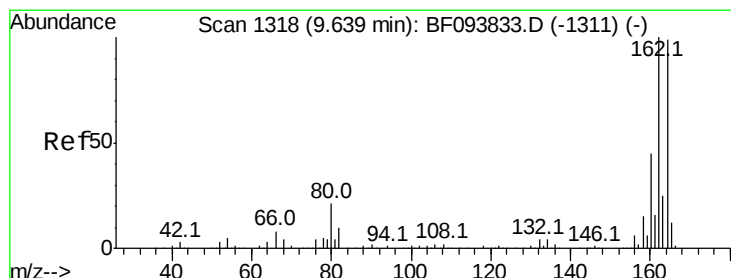
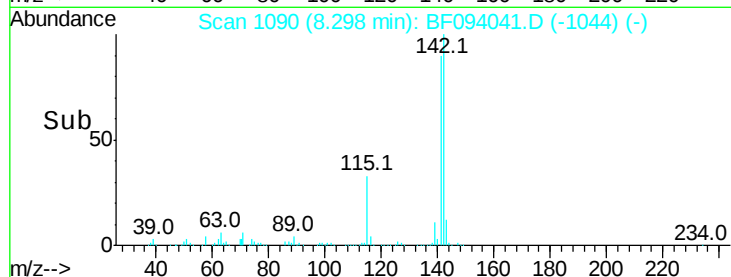
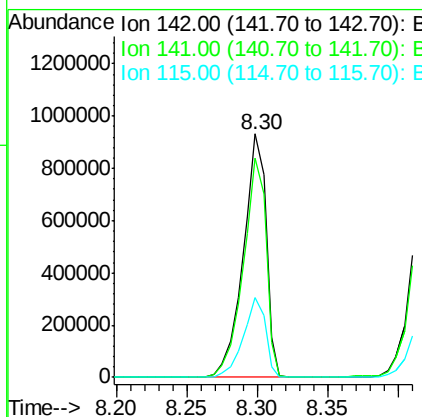
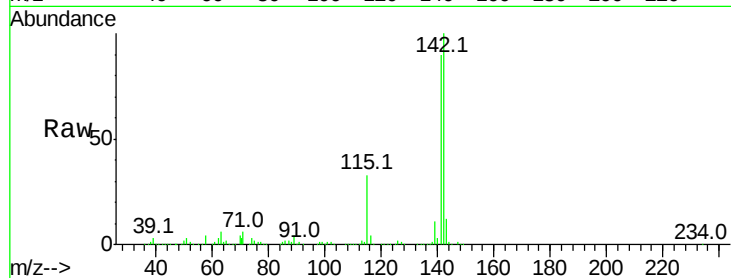
Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

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

Tot Ion:142 Resp: 1054788

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	32.7	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1307

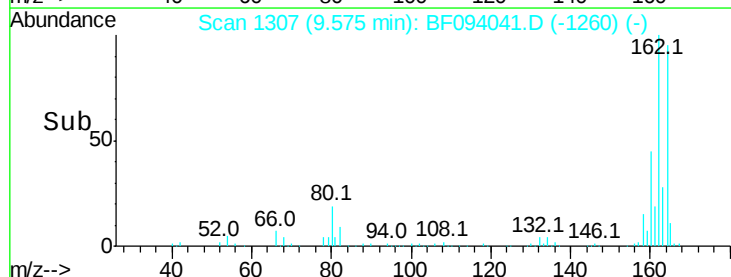
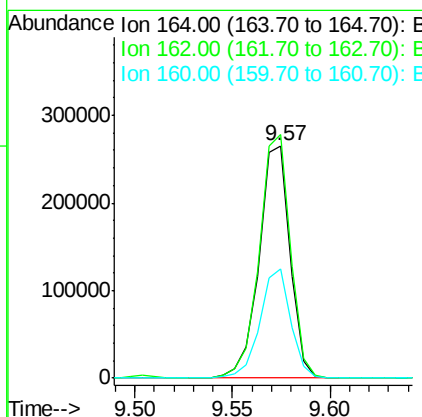
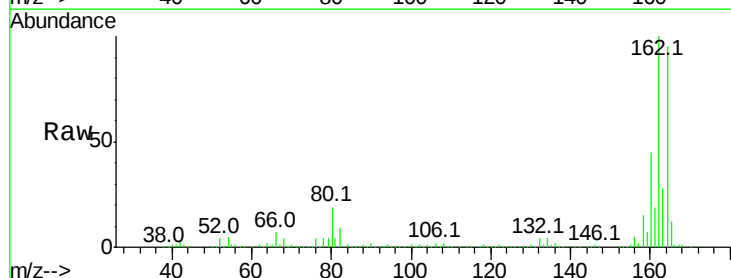
Delta R.T. -0.02 min

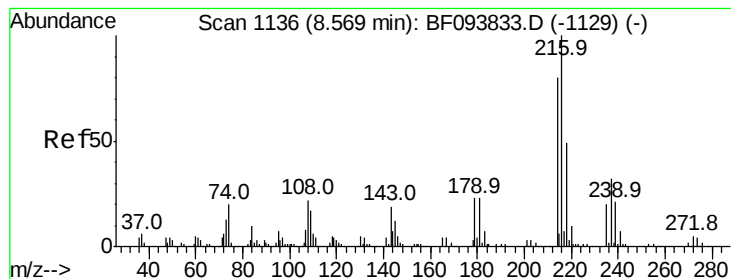
Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Tgt Ion:164 Resp: 291640

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	46.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.96 ng

RT: 8.50 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

Tot Ion:216 Resp: 382606

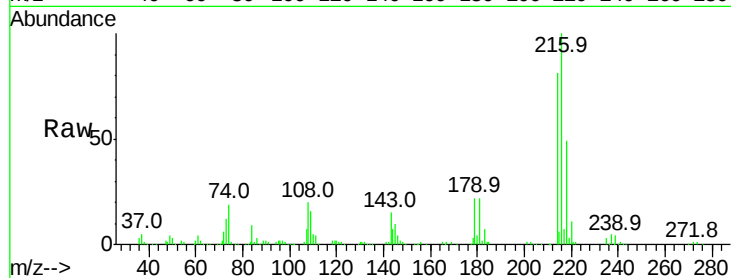
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 22.3 17.9 26.9

108 20.4 16.5 24.7

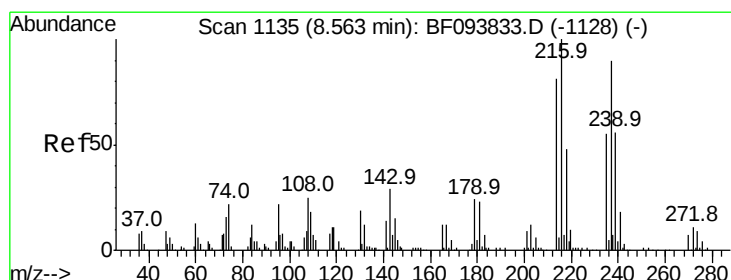
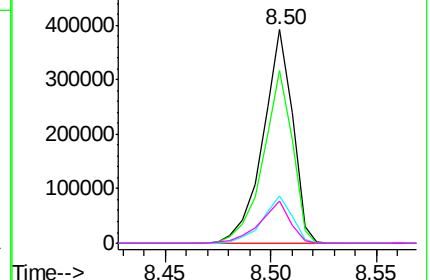
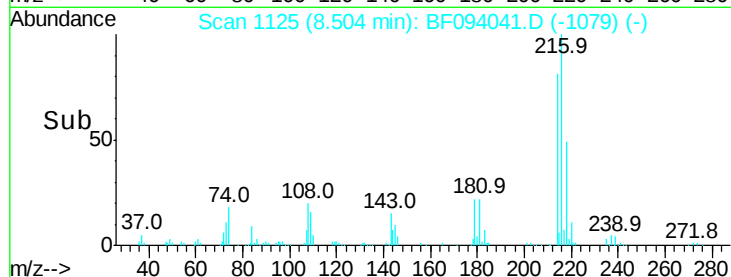


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.43 ng

RT: 8.49 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

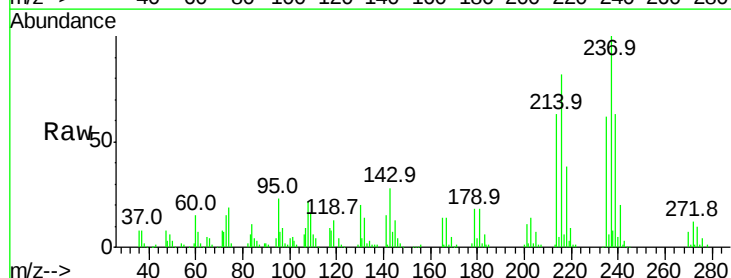
Tgt Ion:237 Resp: 143491

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

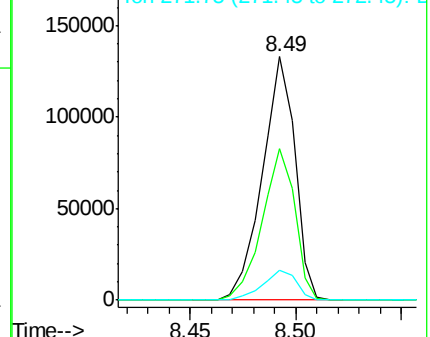
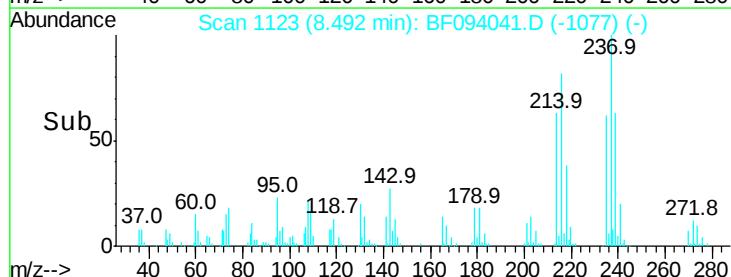
272 12.4 0.0 31.9

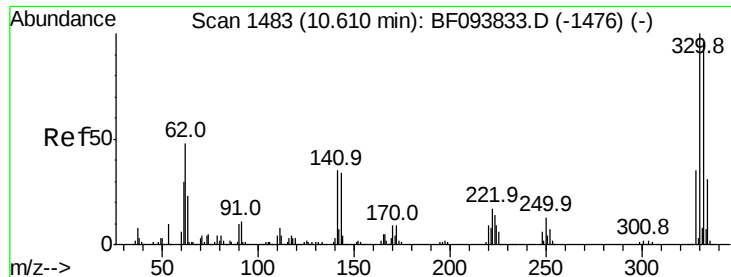


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

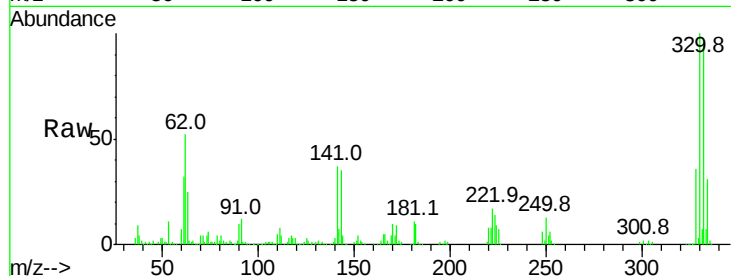




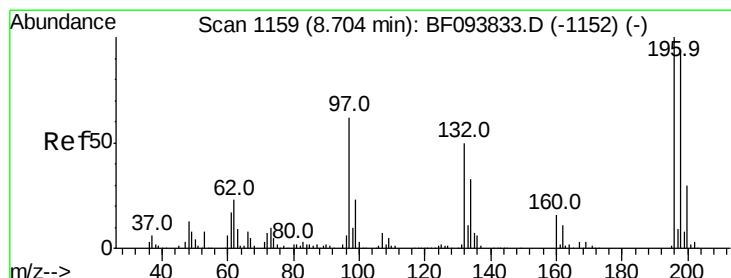
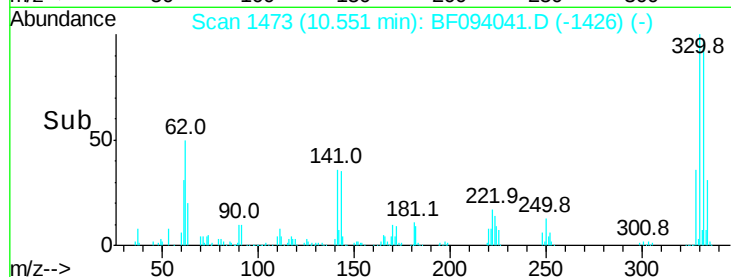
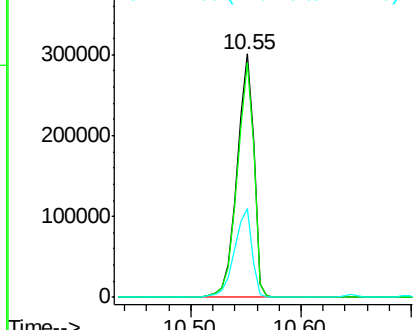
#41
 2,4,6-Tribromophenol
 Concen: 140.83 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

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

Tot Ion:330 Resp: 324560
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.9 31.4 47.2

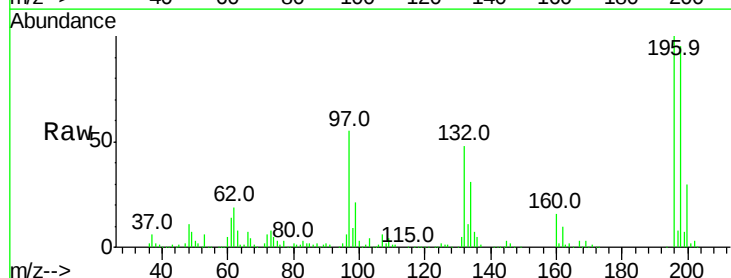


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

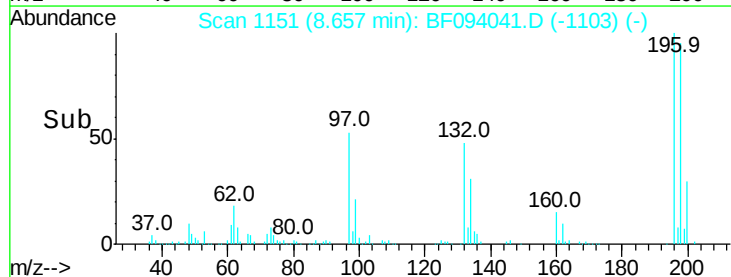
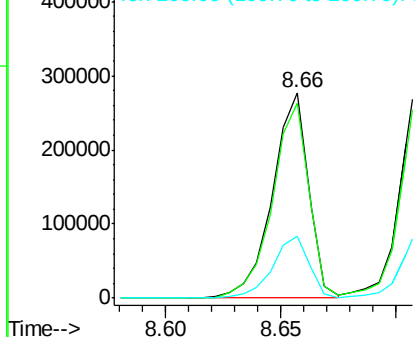


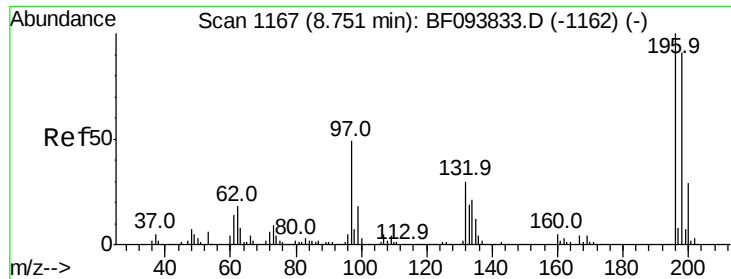
#42
 2,4,6-Trichlorophenol
 Concen: 53.31 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion:196 Resp: 300892
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 30.0 24.0 36.0



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

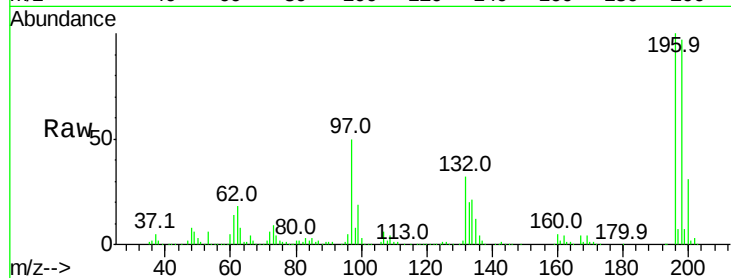




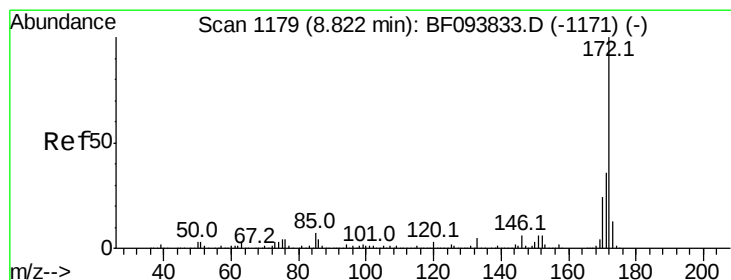
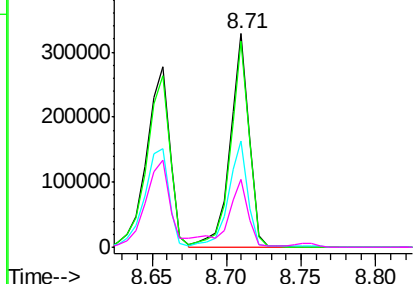
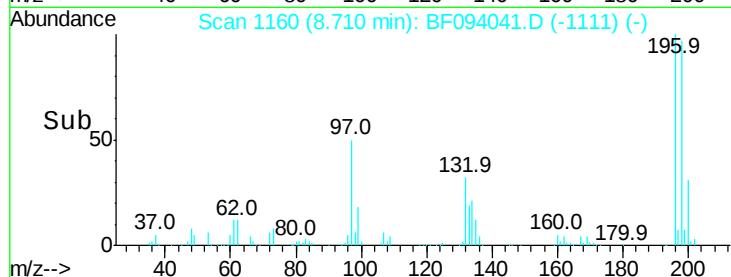
#43
 2,4,5-Trichlorophenol
 Concen: 48.39 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

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

Tot Ion:196 Resp: 295546
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 97 49.9 47.7 71.5
 132 31.8 28.0 42.0

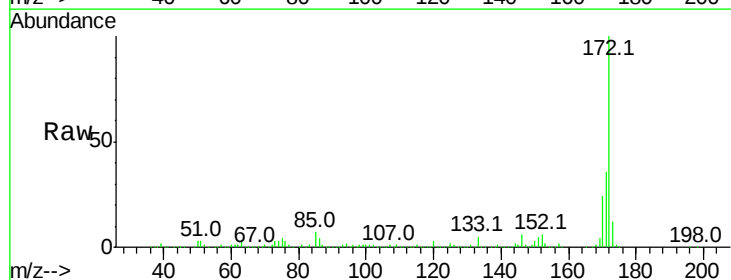


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

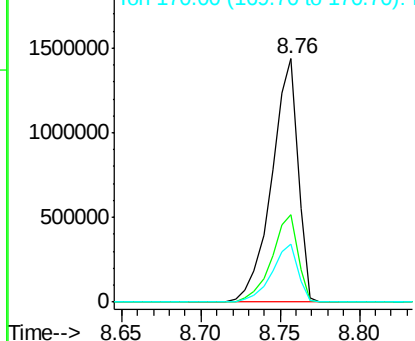
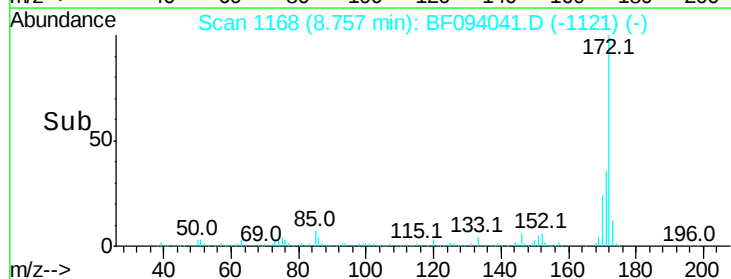


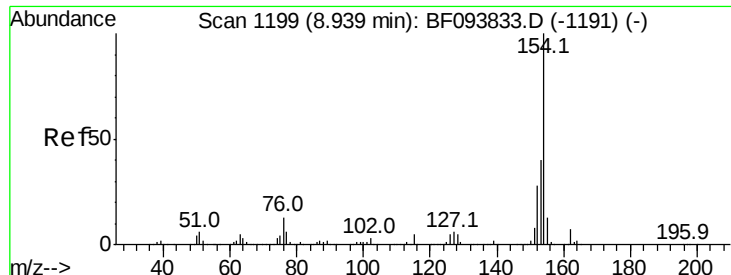
#44
 2-Fluorobiphenyl
 Concen: 86.85 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion:172 Resp: 1660662
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.6 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

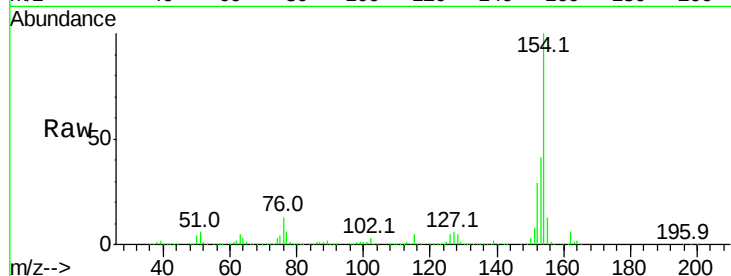




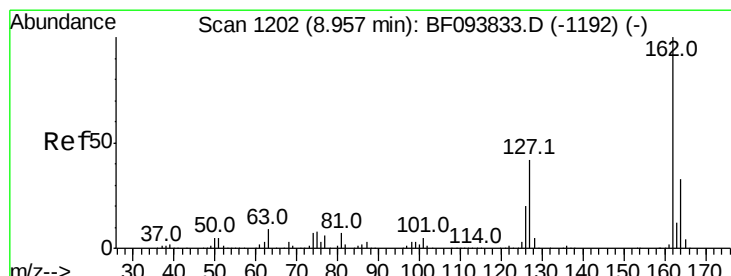
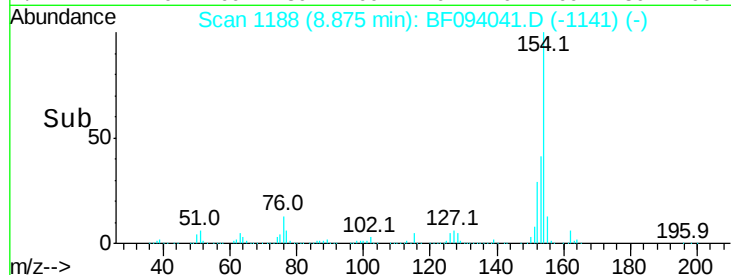
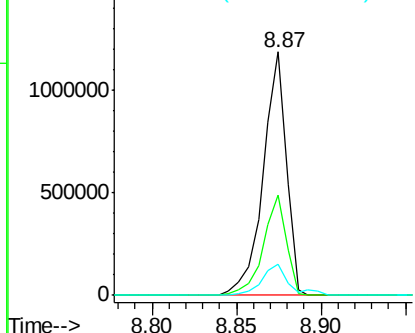
#45
 1,1'-Biphenyl
 Concen: 47.86 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

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

Tot Ion:154 Resp: 1125941
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.2 61.2
 76 12.8 0.0 29.9

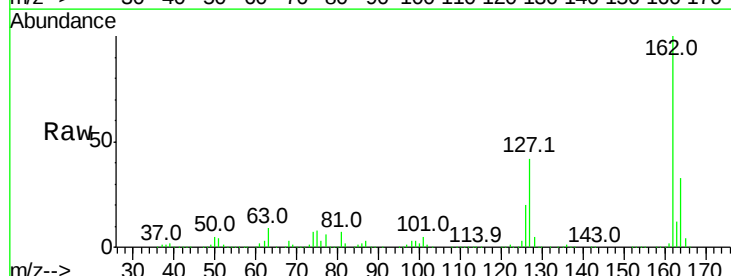


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

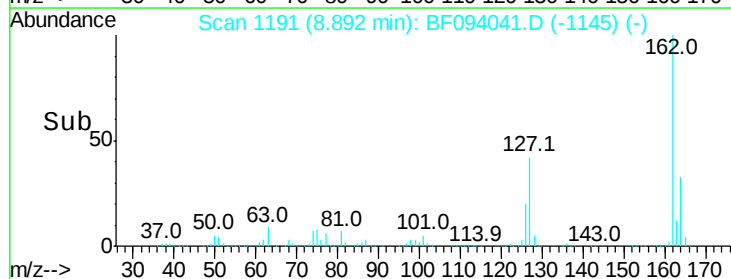
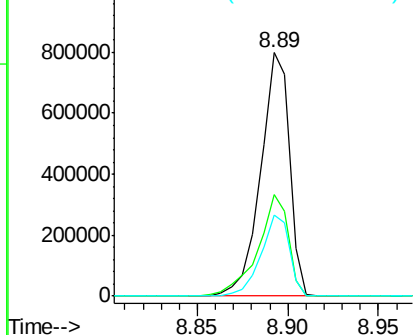


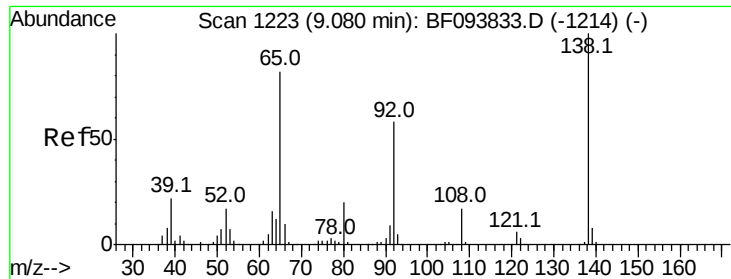
#46
 2-Chloronaphthalene
 Concen: 47.88 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion:162 Resp: 881601
 Ion Ratio Lower Upper
 162 100
 127 41.9 28.3 42.5
 164 33.0 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

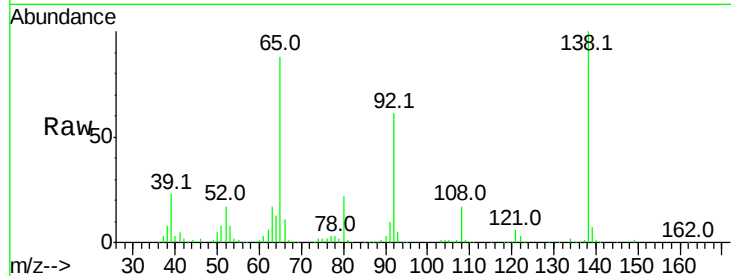




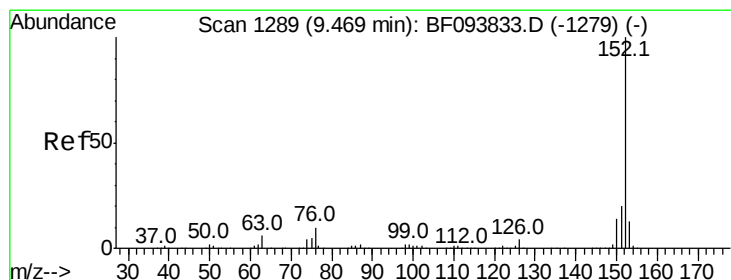
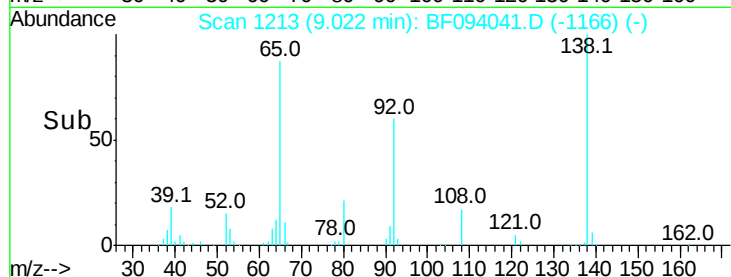
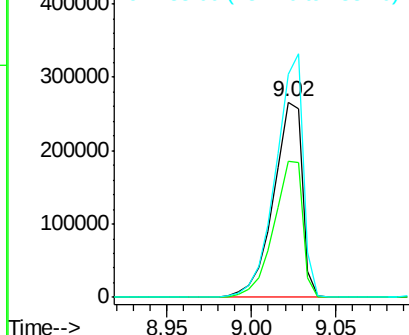
#47
 2-Nitroaniline
 Concen: 57.79 ng
 RT: 9.02 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

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

Tot Ion: 65 Resp: 315700
 Ion Ratio Lower Upper
 65 100
 92 69.7 53.9 80.9
 138 114.0 78.8 118.2

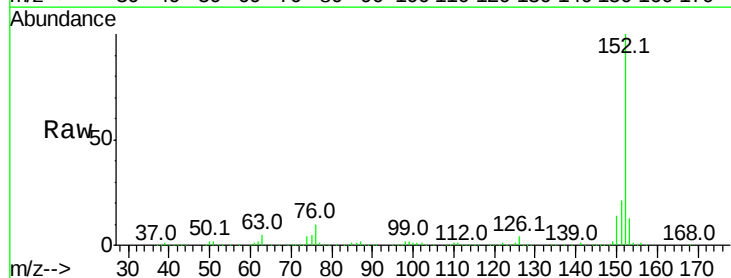


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

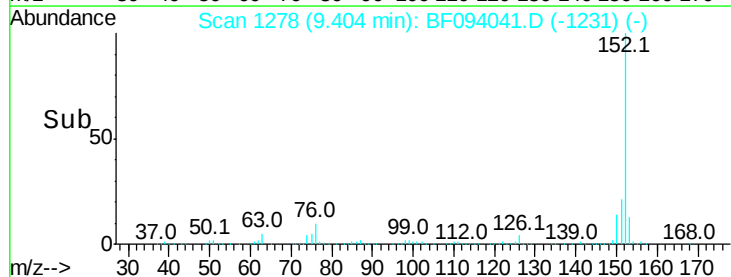
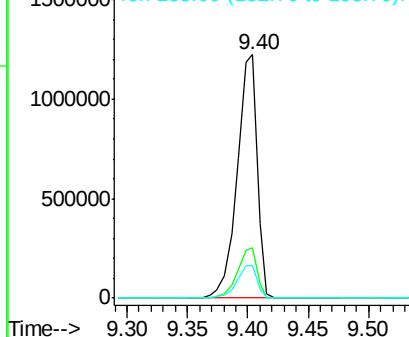


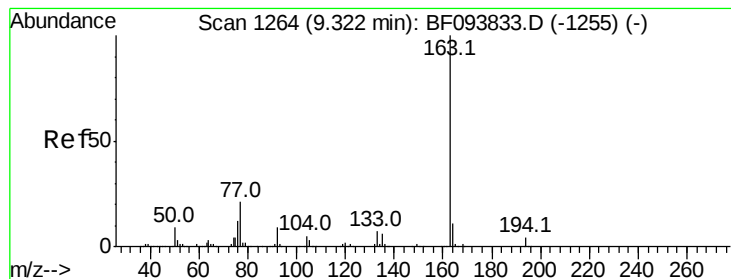
#48
 Acenaphthylene
 Concen: 46.20 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion: 152 Resp: 1413767
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 56.80 ng

RT: 9.26 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

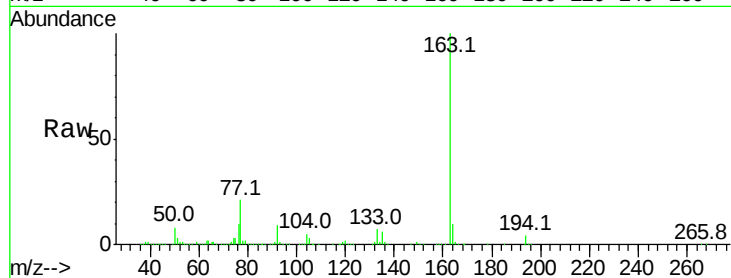
Tot Ion:163 Resp: 1177430

Ion Ratio Lower Upper

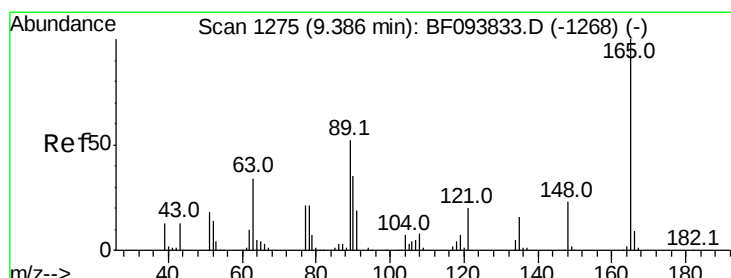
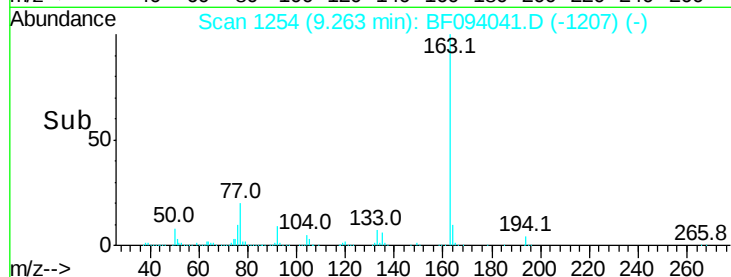
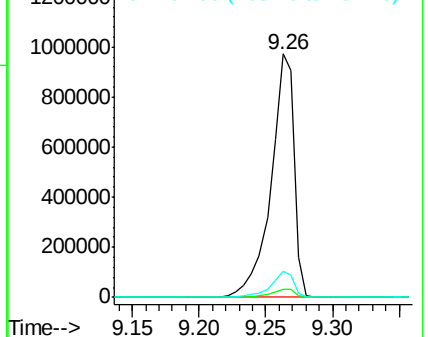
163 100

194 3.5 2.6 4.0

164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.10 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

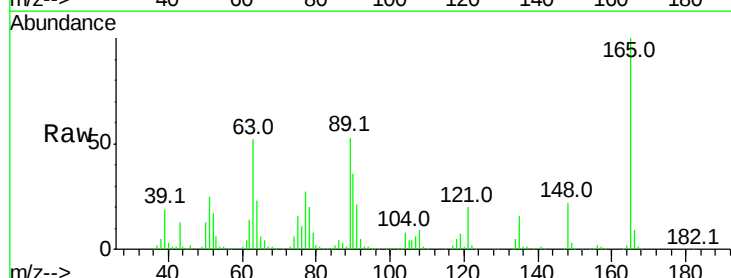
Tgt Ion:165 Resp: 209563

Ion Ratio Lower Upper

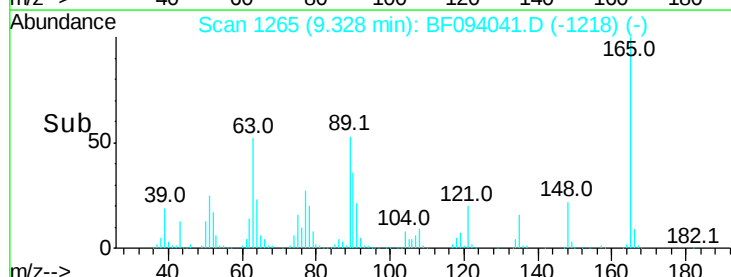
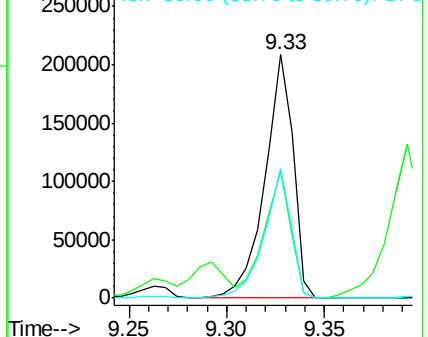
165 100

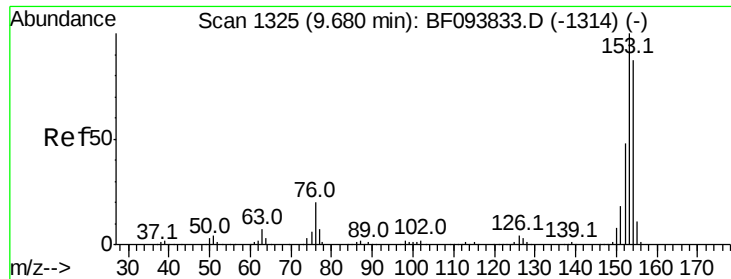
63 52.1 34.3 51.5#

89 53.2 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: 53.20 ng

RT: 9.62 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

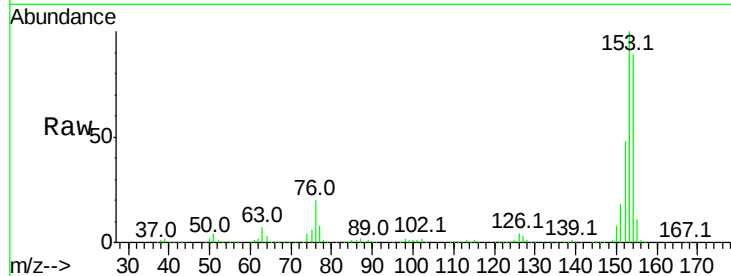
Tot Ion:154 Resp: 950005

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

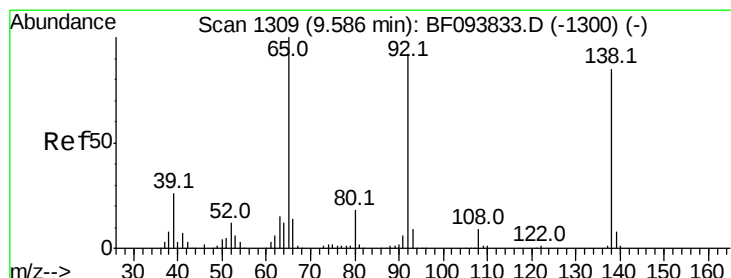
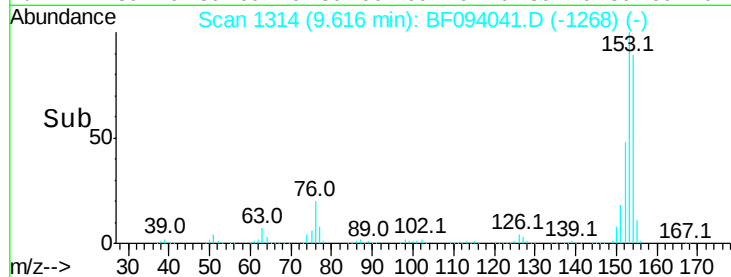
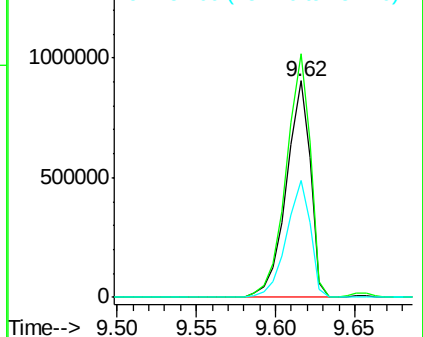
152 54.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.15 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

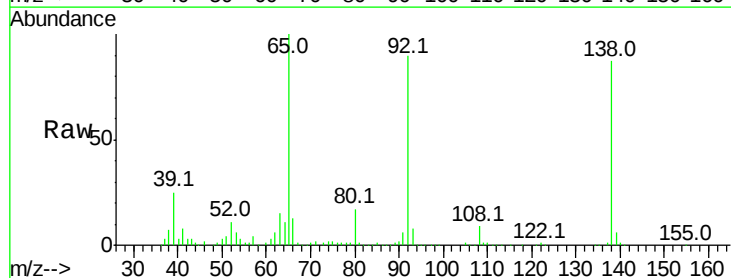
Tgt Ion:138 Resp: 263130

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

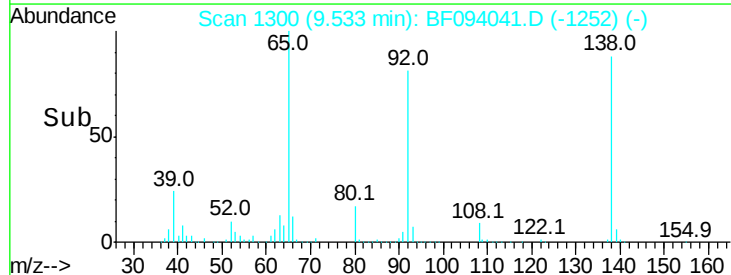
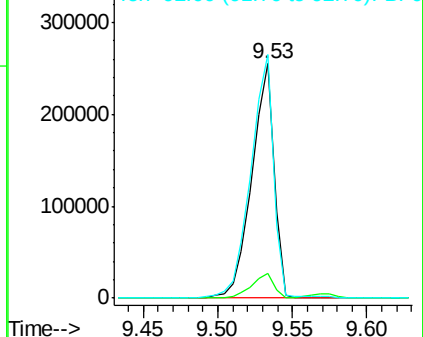
92 104.0 93.8 140.6



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

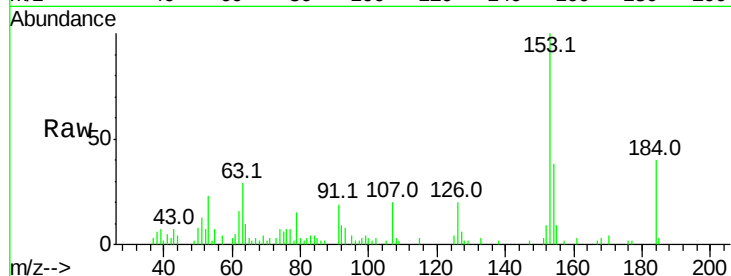




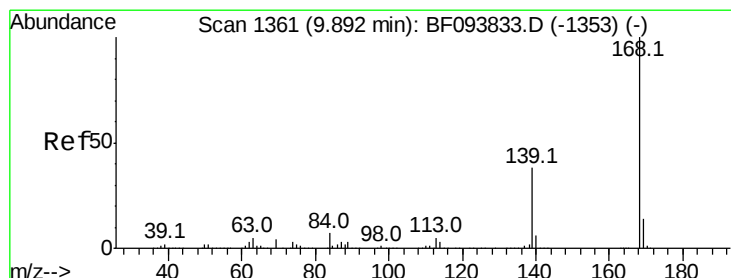
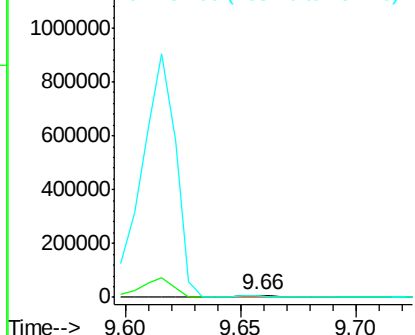
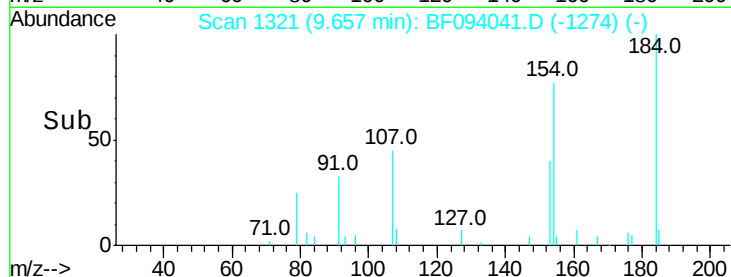
#53
2,4-Dinitrophenol
Concen: 7.50 ng
RT: 9.66 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

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

Tot Ion:184 Resp: 7674
Ion Ratio Lower Upper
184 100
63 71.3 62.7 94.1
154 95.2 81.1 121.7

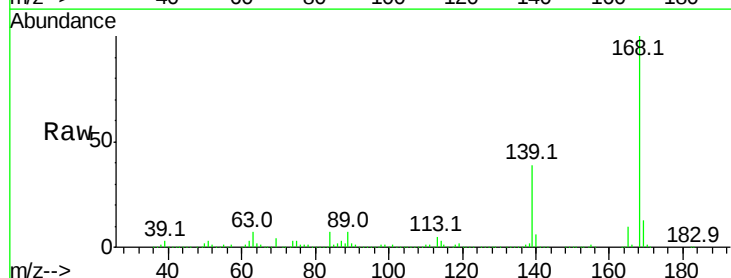


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

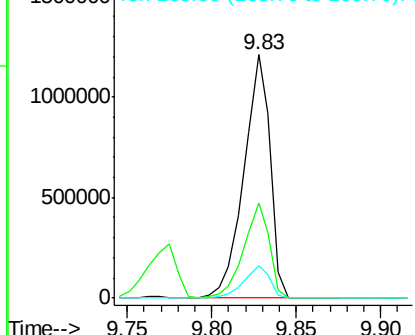
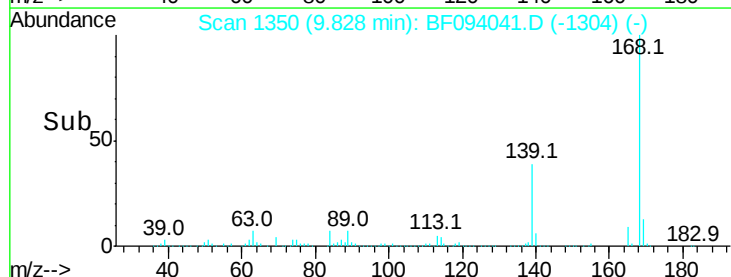


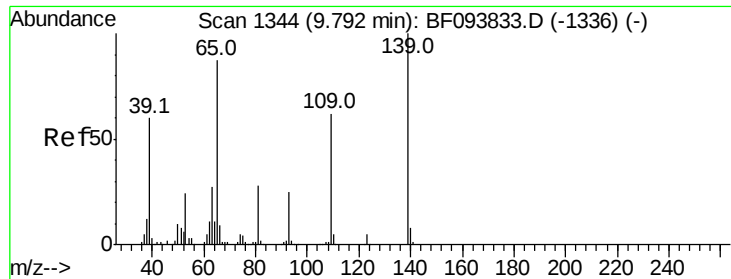
#54
Dibenzofuran
Concen: 54.03 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:168 Resp: 1313456
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.5 10.8 16.2



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

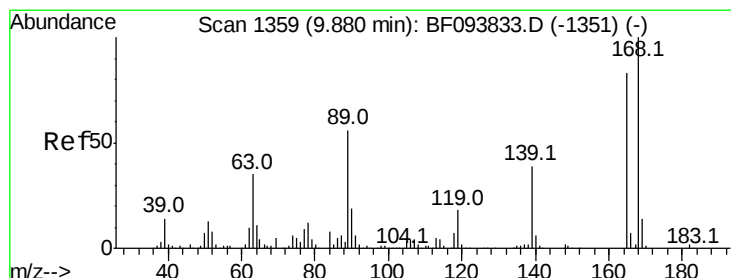
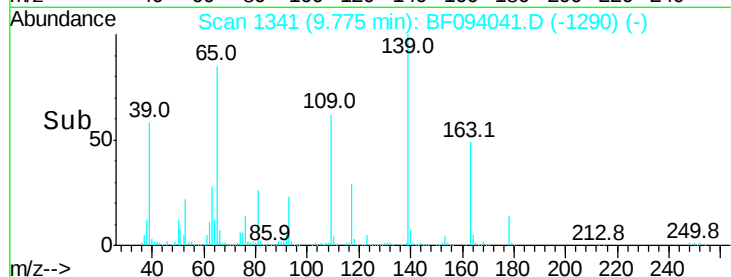
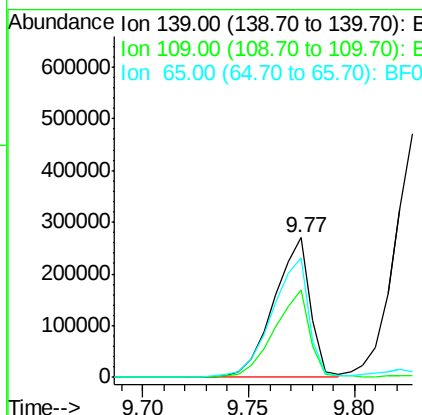
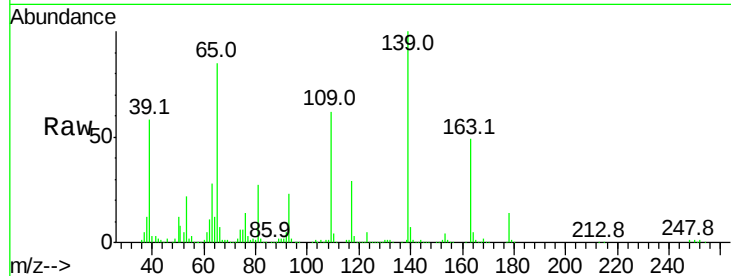




#55
4-Nitrophenol
Concen: 73.58 ng
RT: 9.77 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

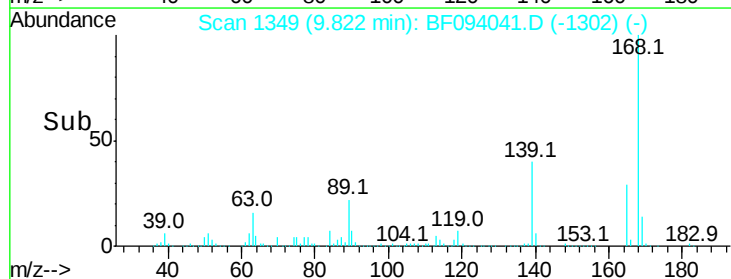
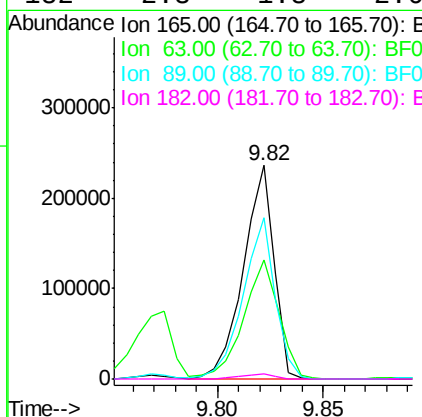
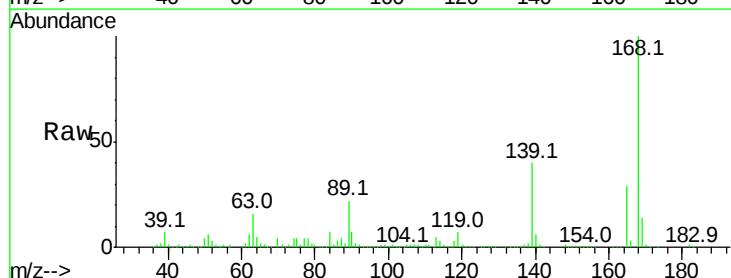
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMS

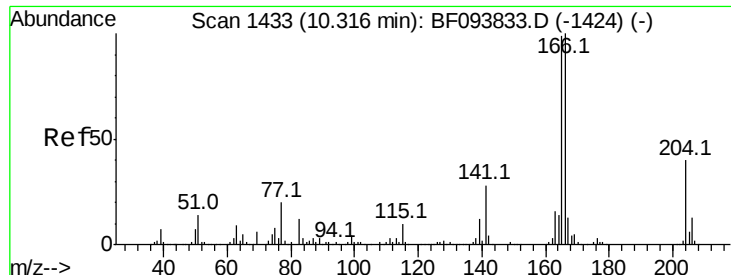
Tot Ion:139 Resp: 321564
Ion Ratio Lower Upper
139 100
109 62.3 34.1 74.1
65 85.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.96 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:165 Resp: 238546
Ion Ratio Lower Upper
165 100
63 56.0 25.4 38.0#
89 75.4 46.4 69.6#
182 2.3 1.8 2.6

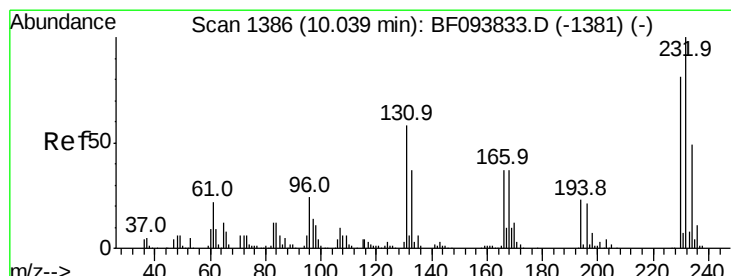
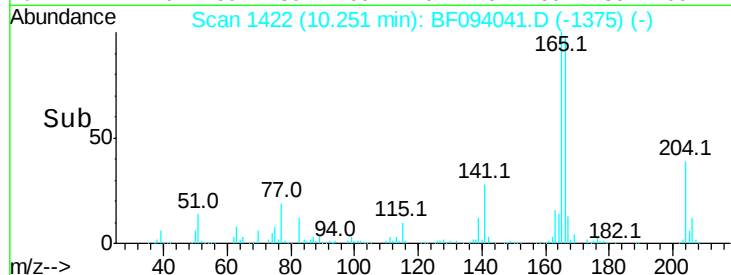
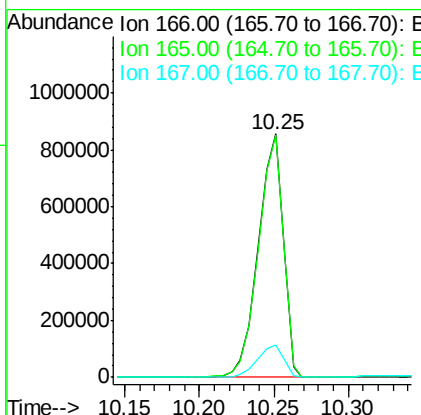
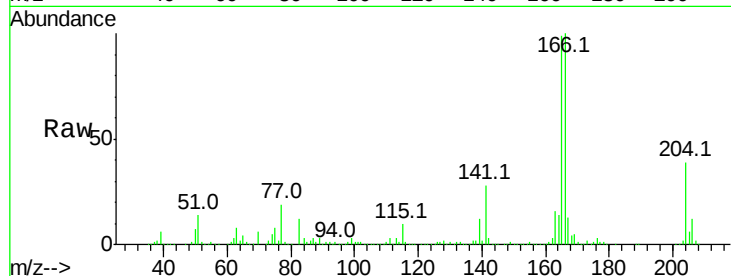




#57
Fluorene
 Concen: 48.63 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

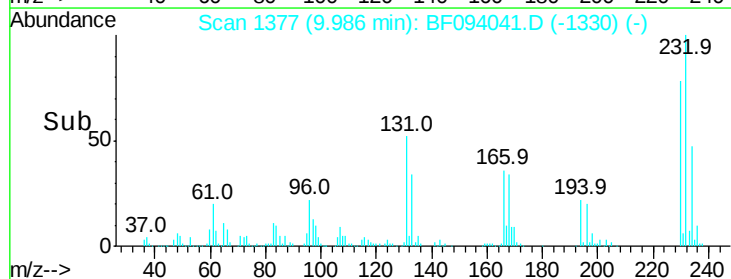
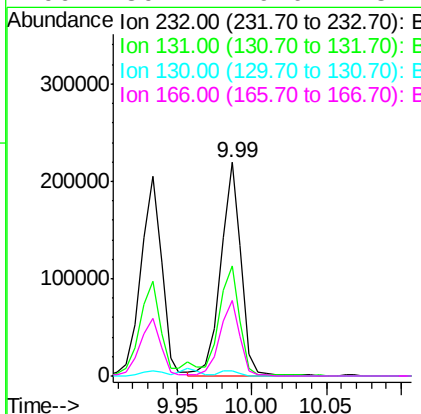
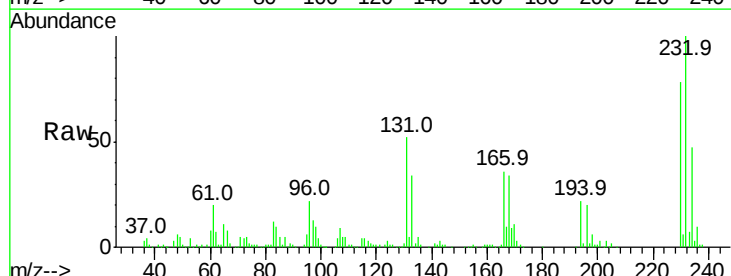
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMS

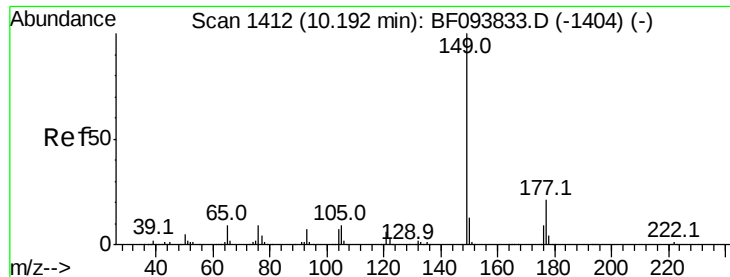
Tot Ion:166 Resp: 980238
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.4 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.62 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion:232 Resp: 207960
 Ion Ratio Lower Upper
 232 100
 131 56.7 44.8 67.2
 130 2.8 2.3 3.5
 166 36.1 29.0 43.4

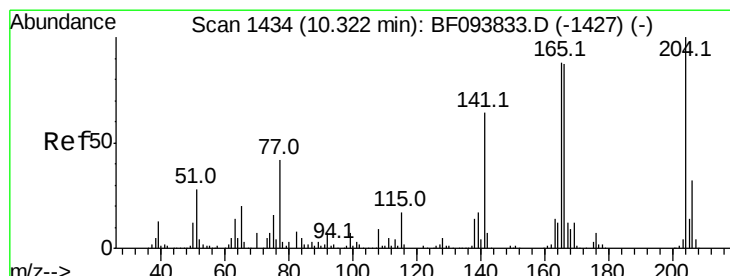
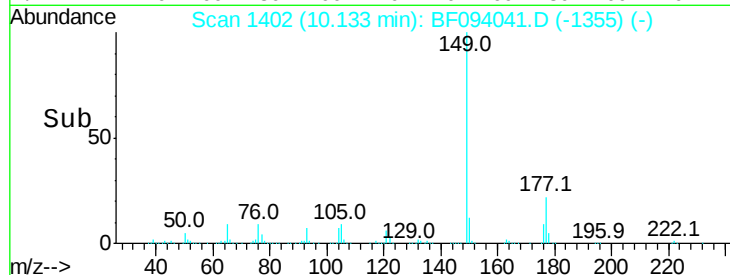
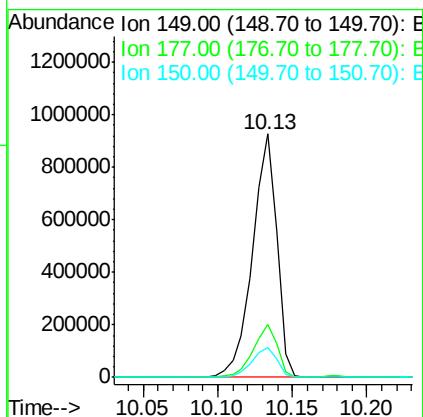
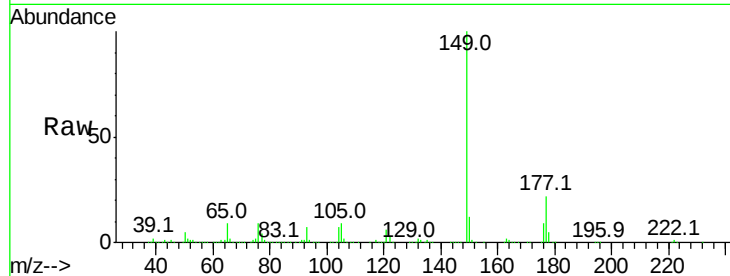




#59
Diethylphthalate
Concen: 50.70 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

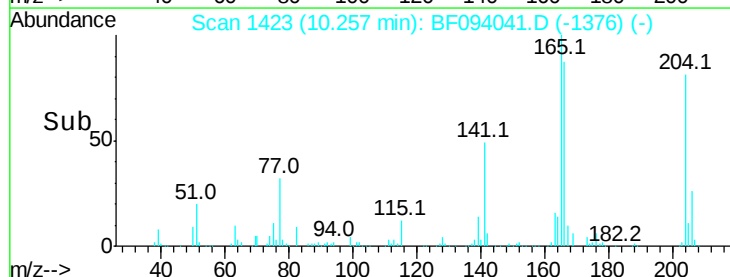
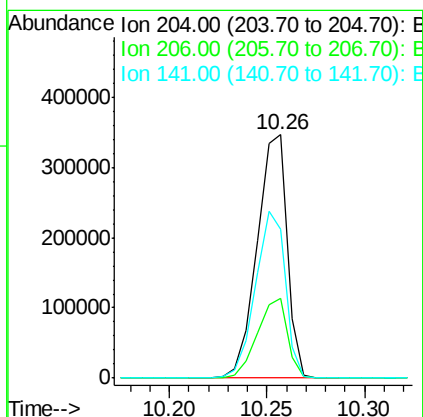
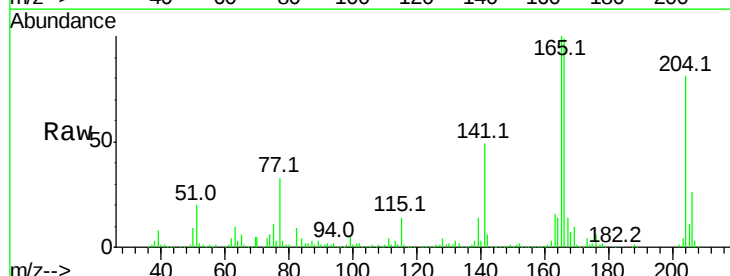
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMS

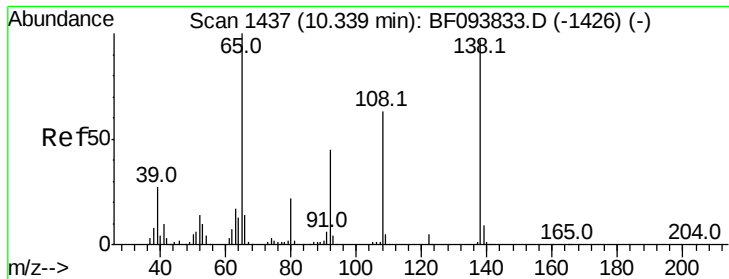
Tot Ion:149 Resp: 1038796
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.19 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:204 Resp: 370924
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 61.3 60.8 91.2





#61

4-Nitroaniline

Concen: 56.43 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

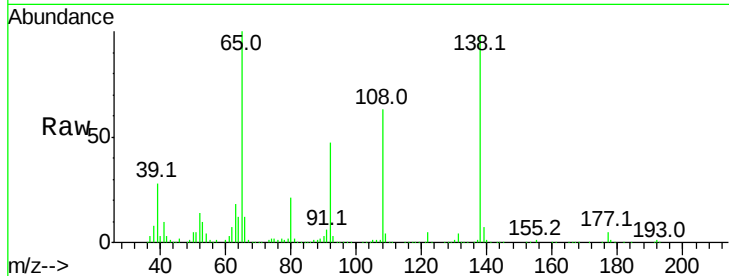
Tot Ion:138 Resp: 302197

Ion Ratio Lower Upper

138 100

92 47.9 21.8 61.8

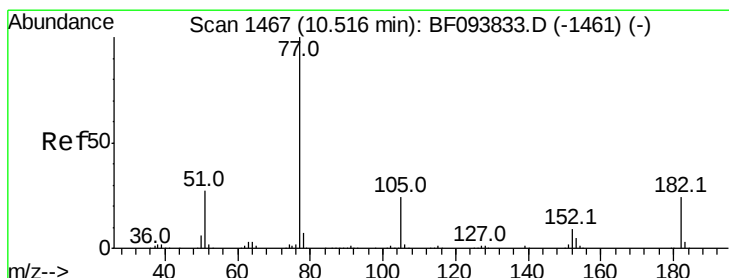
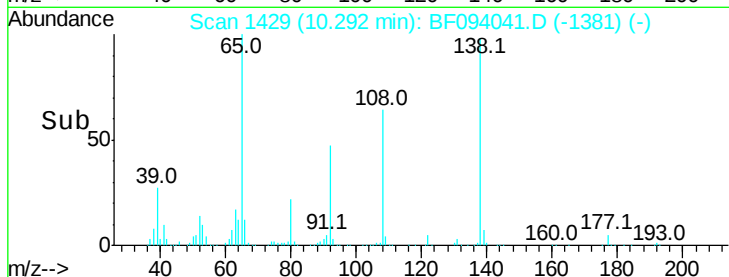
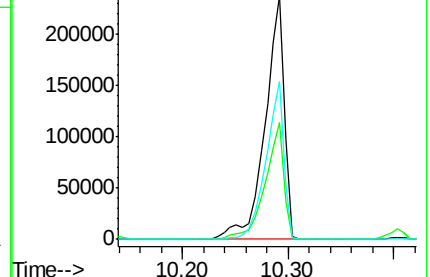
108 64.6 42.3 82.3



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: 48.98 ng

RT: 10.45 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Tgt Ion: 77 Resp: 949283

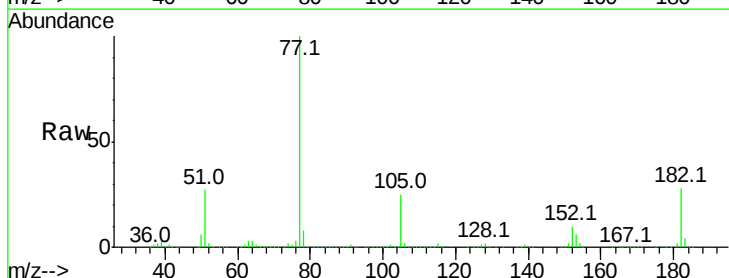
Ion Ratio Lower Upper

77 100

182 28.1 0.1 40.1

105 24.9 3.6 43.6

51 27.0 9.4 49.4

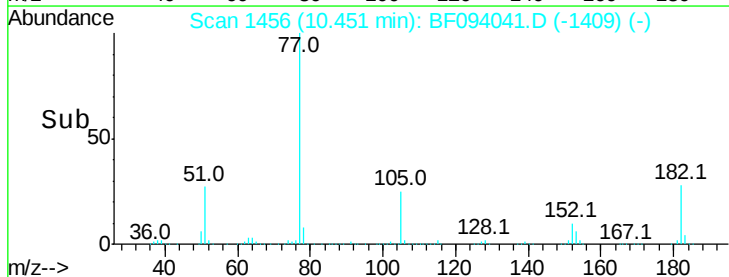
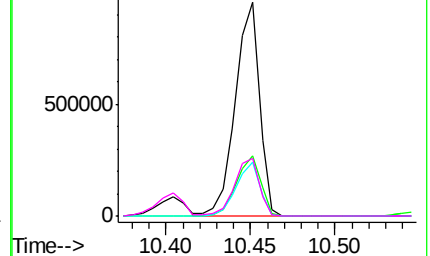


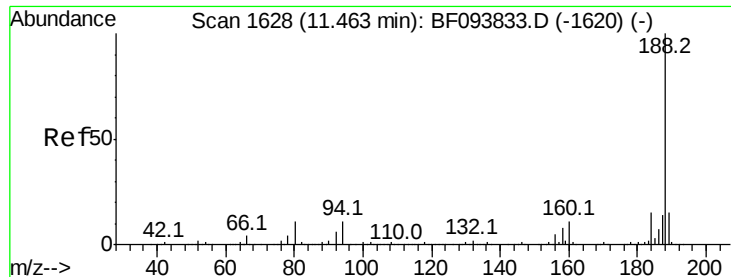
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

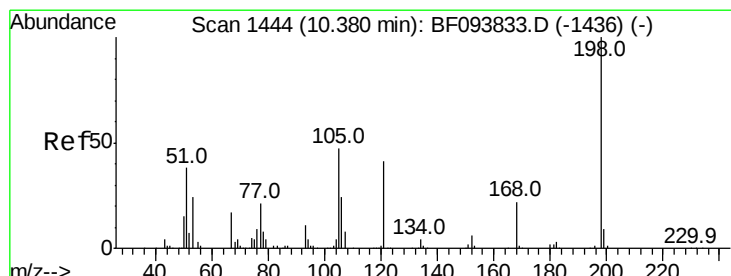
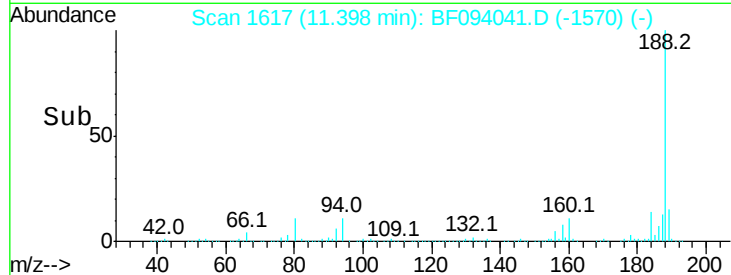
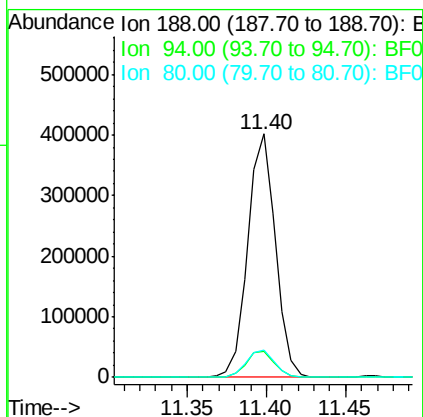
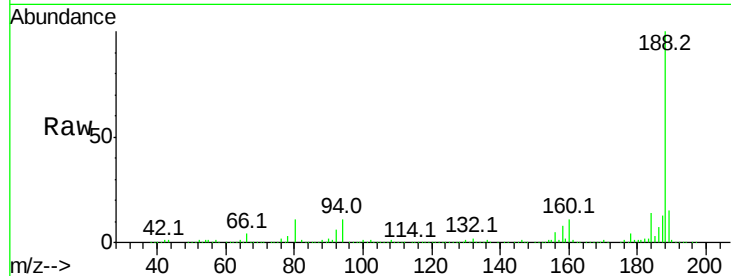




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

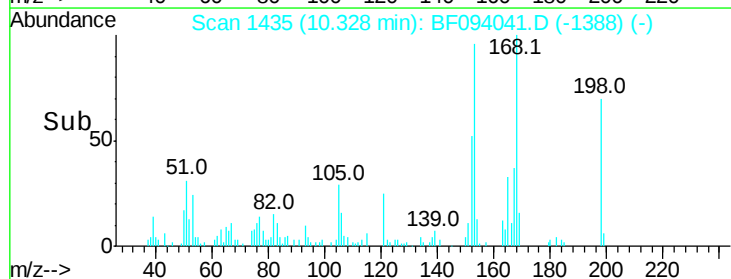
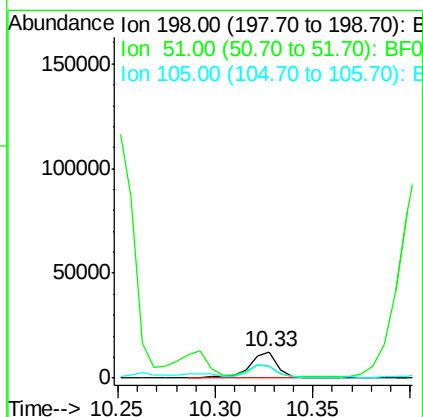
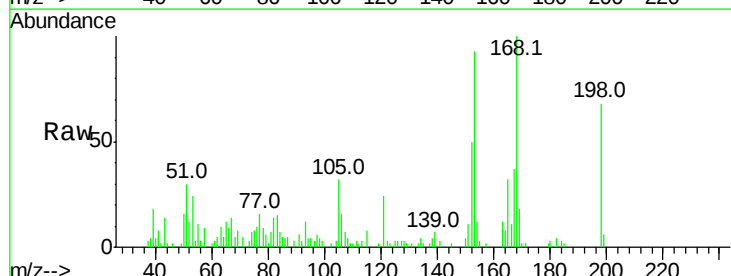
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMS

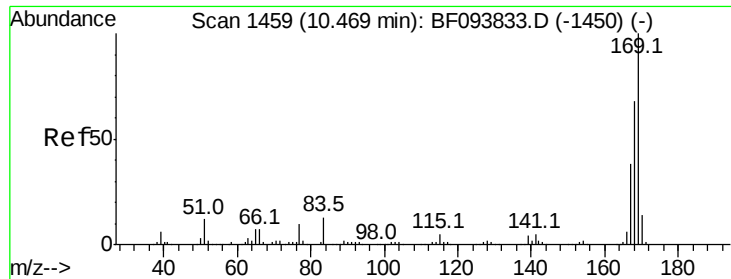
Tot Ion:188 Resp: 485576
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 4.20 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:198 Resp: 12502
Ion Ratio Lower Upper
198 100
51 43.6 53.2 93.2#
105 46.6 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 51.40 ng

RT: 10.40 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

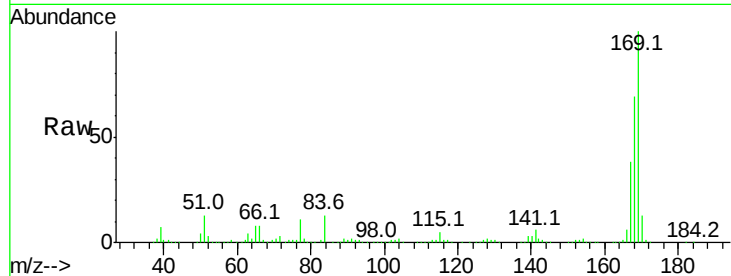
Tot Ion:169 Resp: 863131

Ion Ratio Lower Upper

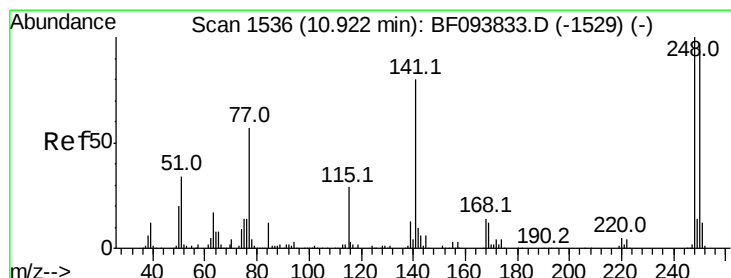
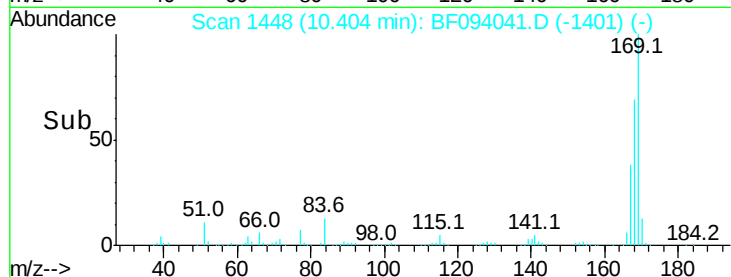
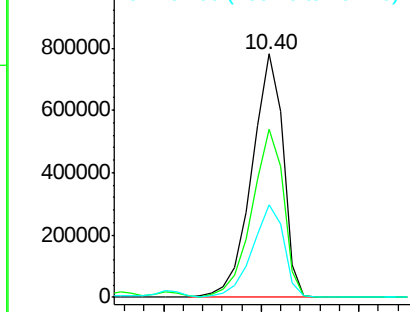
169 100

168 68.8 53.2 79.8

167 38.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.67 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

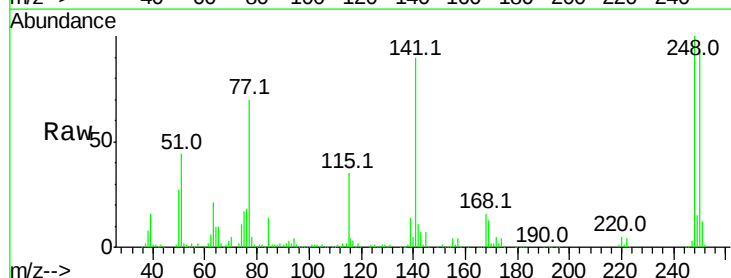
Tgt Ion:248 Resp: 242006

Ion Ratio Lower Upper

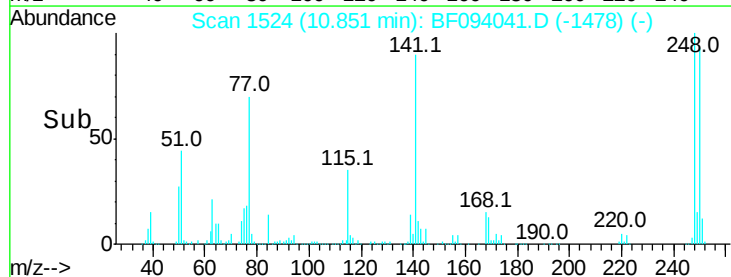
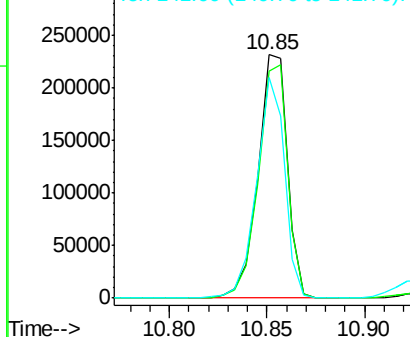
248 100

250 93.4 76.8 115.2

141 90.5 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

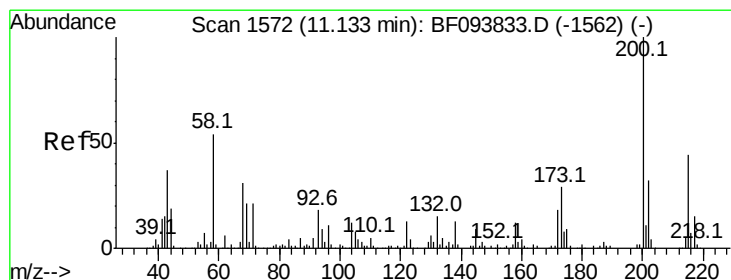
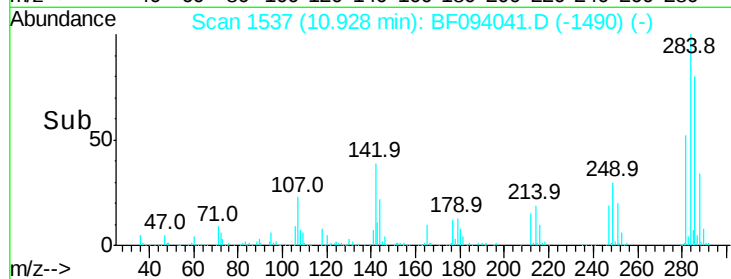
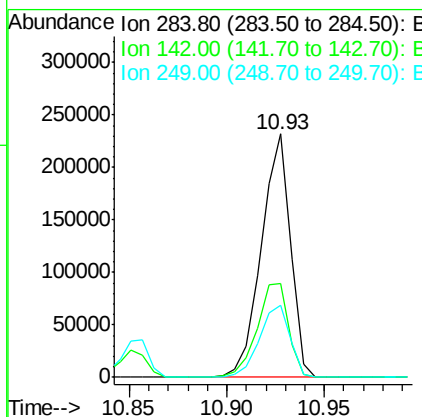
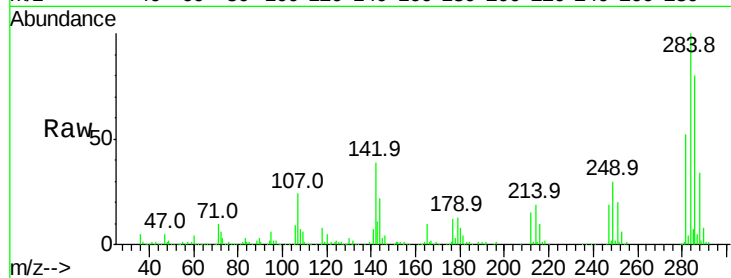




#67
Hexachlorobenzene
Concen: 49.52 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

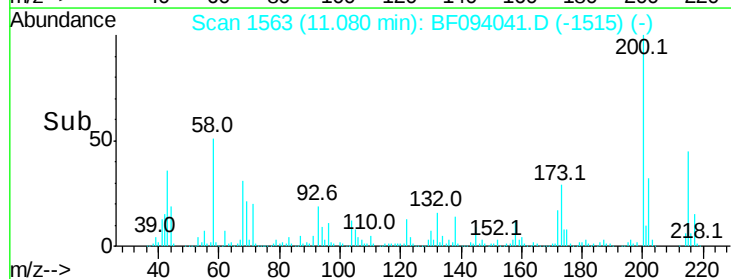
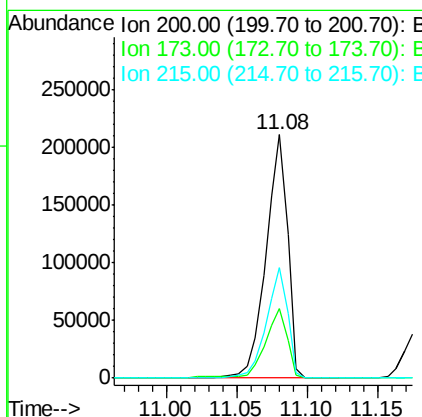
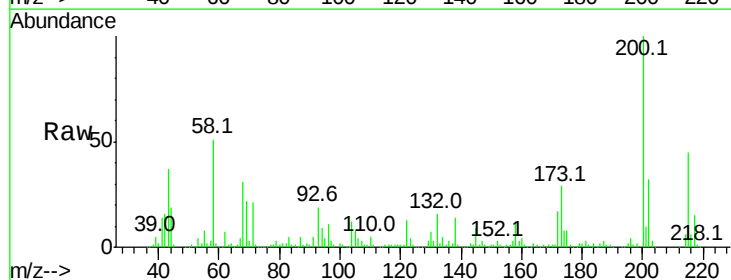
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMS

Tot Ion:284 Resp: 239379
Ion Ratio Lower Upper
284 100
142 38.8 22.8 34.2#
249 29.8 24.0 36.0



#68
Atrazine
Concen: 45.37 ng
RT: 11.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:200 Resp: 228207
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 45.4 27.2 67.2





#69

Pentachlorophenol

Concen: 68.38 ng

RT: 11.18 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

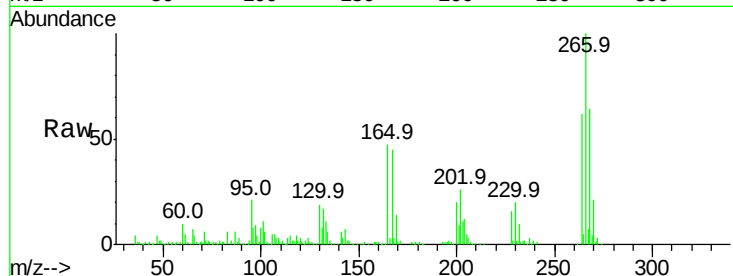
Tot Ion:266 Resp: 205759

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

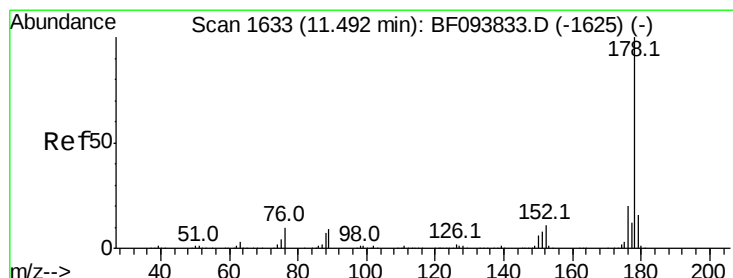
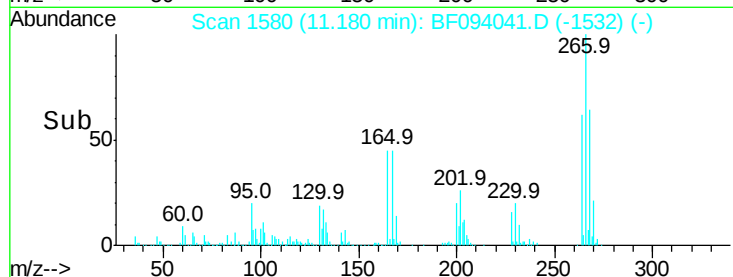
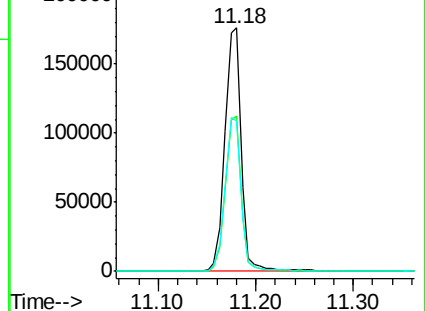
264 61.7 51.7 77.5



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: 91.28 ng

RT: 11.44 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

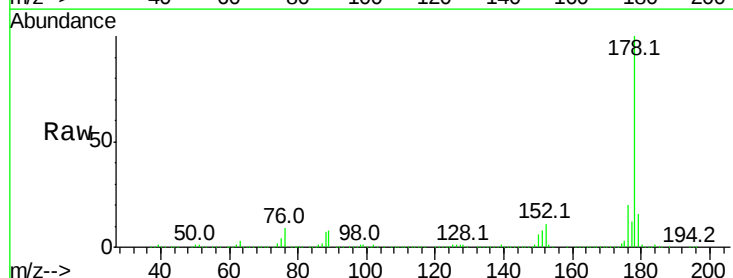
Tgt Ion:178 Resp: 2465604

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

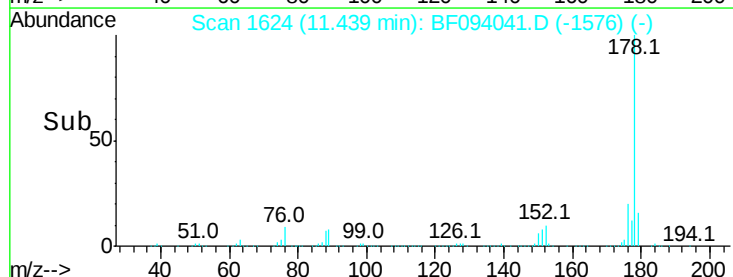
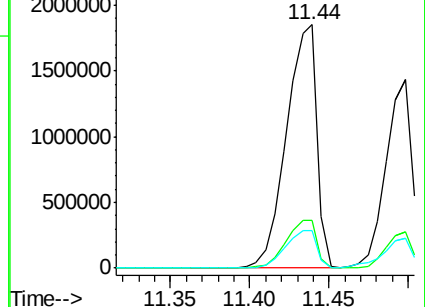
179 15.6 12.6 19.0

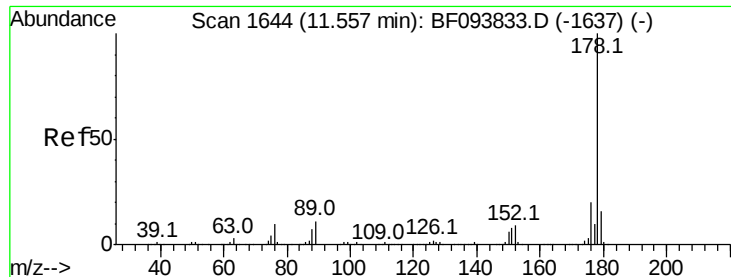


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

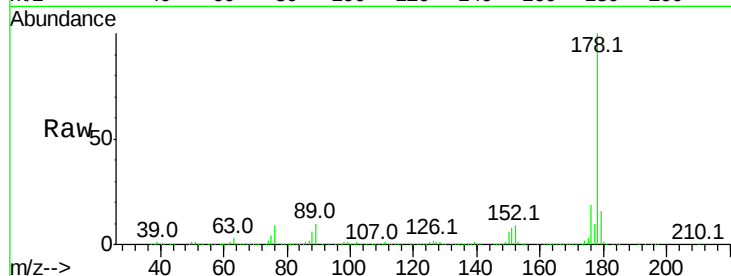




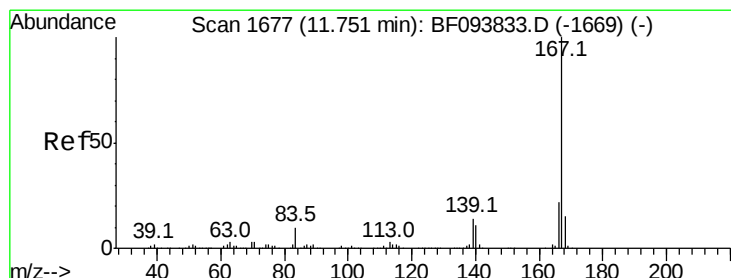
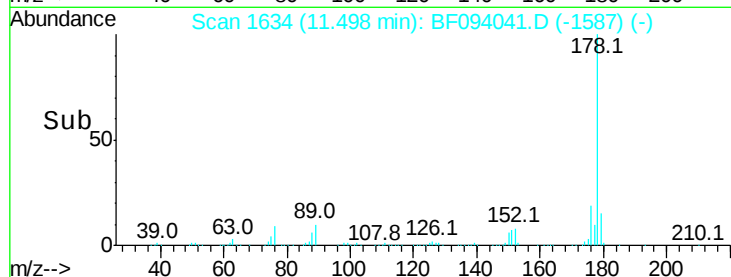
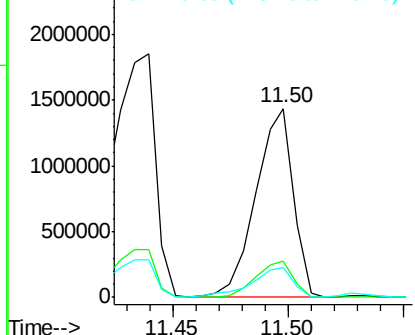
#71
 Anthracene
 Concen: 57.83 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

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

Tot Ion:178 Resp: 1608306
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 12.7 19.1

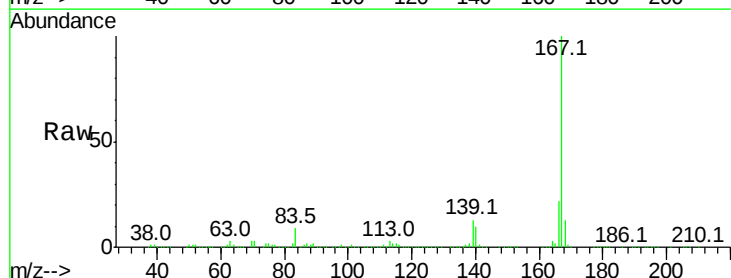


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

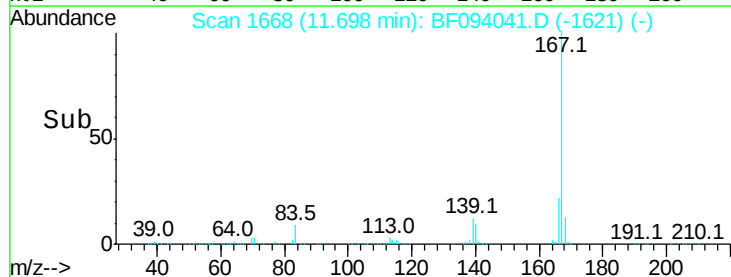
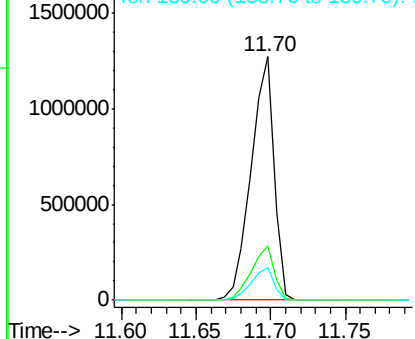


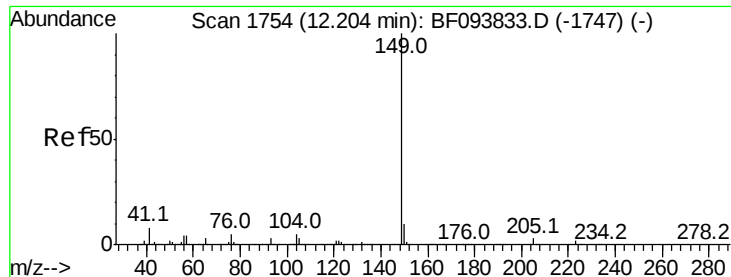
#72
 Carbazole
 Concen: 47.32 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion:167 Resp: 1349467
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.5 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: 49.64 ng

RT: 12.15 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

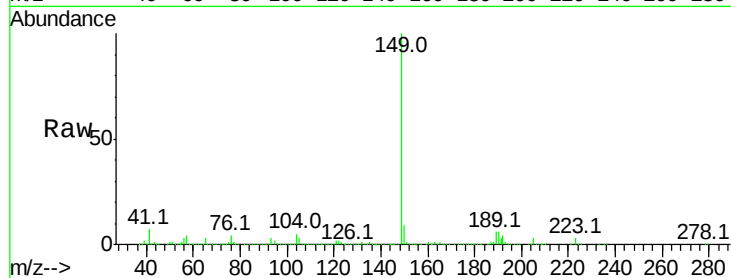
Tot Ion:149 Resp: 1472213

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

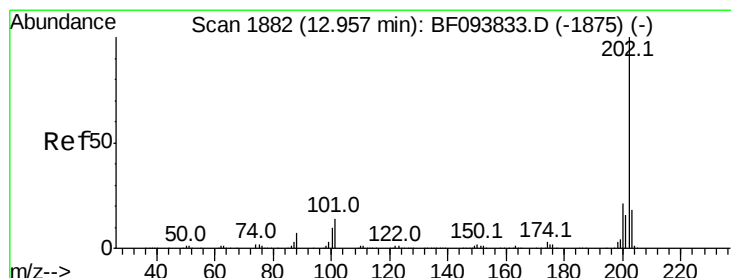
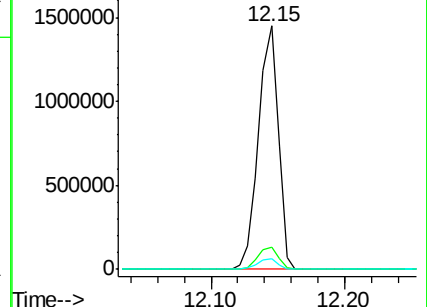
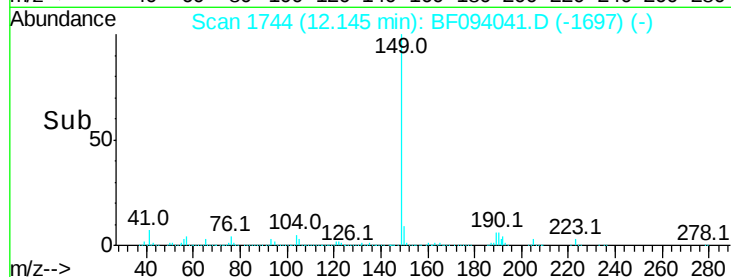
104 4.5 4.0 6.0



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: 80.31 ng

RT: 12.90 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

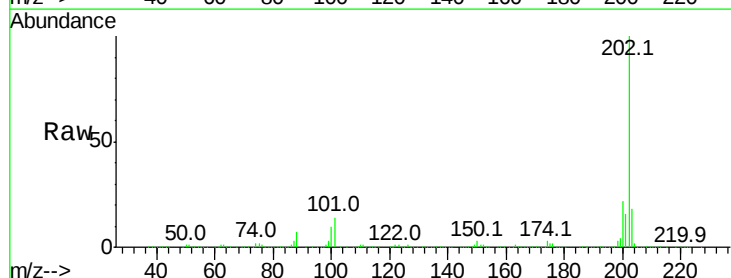
Tgt Ion:202 Resp: 2221298

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

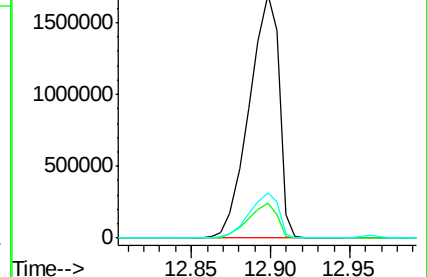
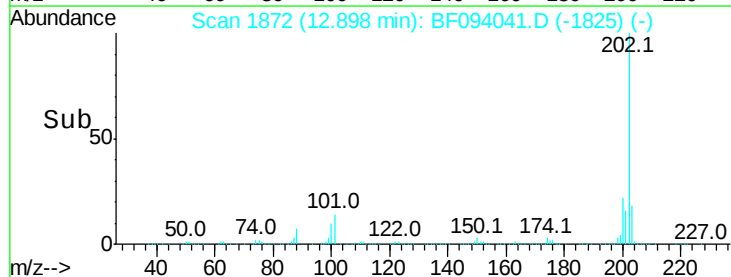
203 18.4 0.0 38.1

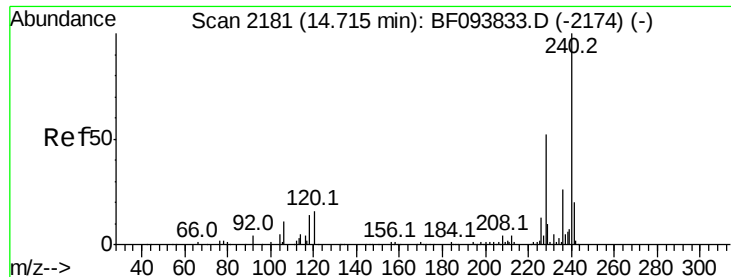


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.66 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

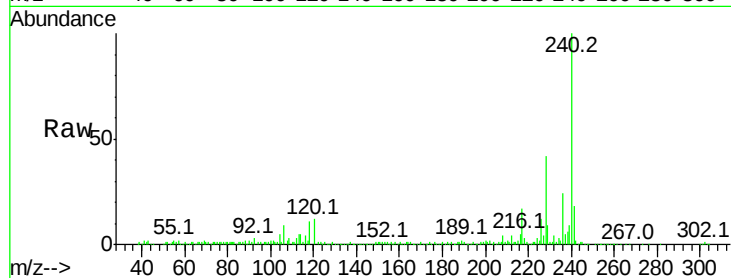
Tot Ion:240 Resp: 290990

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

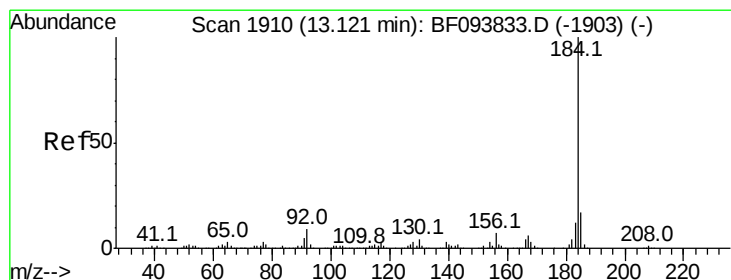
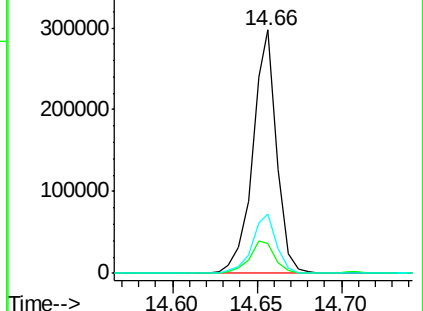
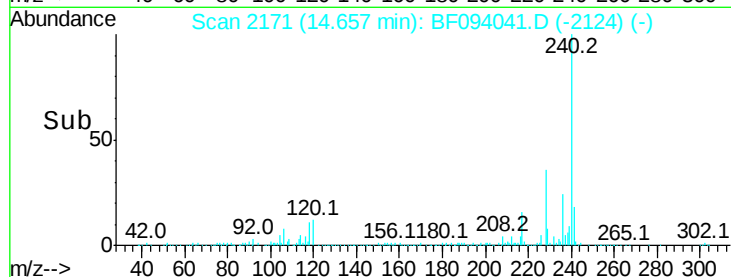
236 24.4 20.5 30.7



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: 19.54 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

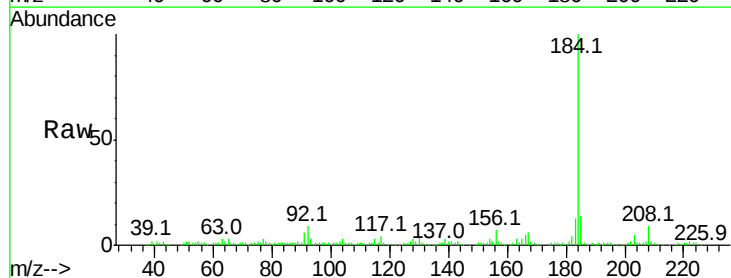
Tgt Ion:184 Resp: 224996

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

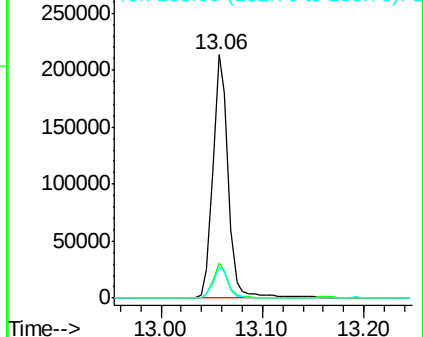
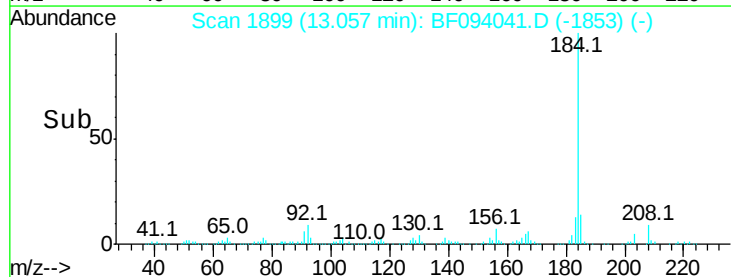
183 12.6 9.8 14.6

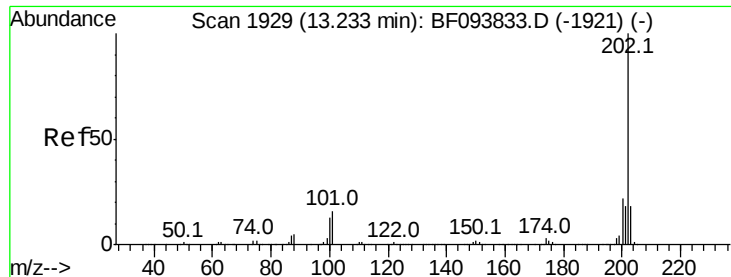


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 100.32 ng

RT: 13.17 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

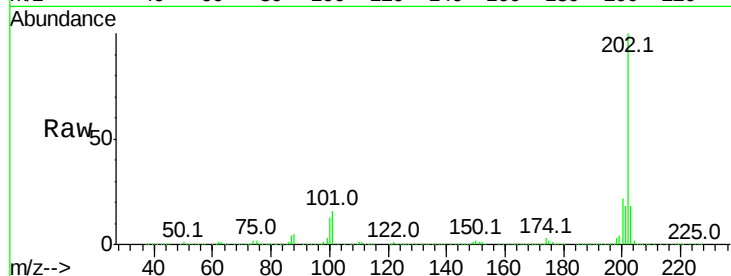
Tot Ion:202 Resp: 2118672

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

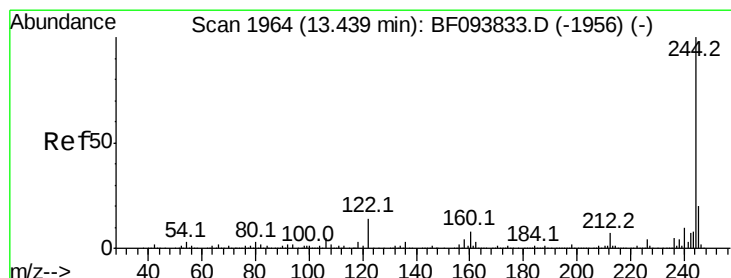
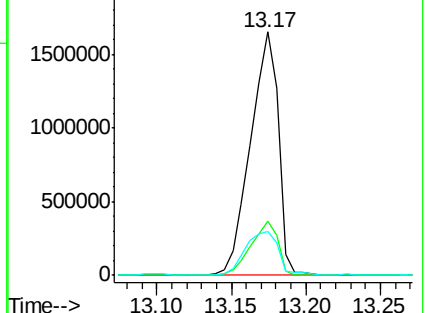
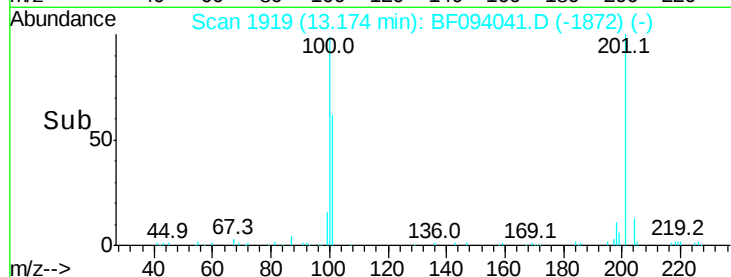
203 18.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.56 ng

RT: 13.37 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

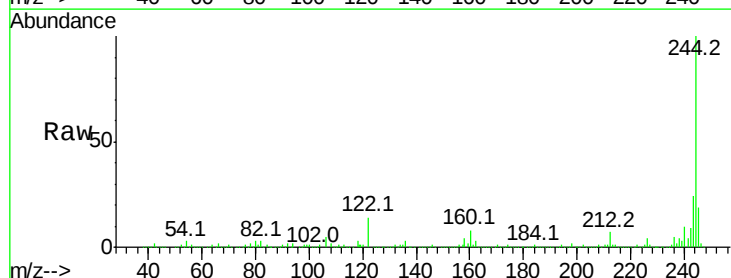
Tgt Ion:244 Resp: 1123739

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

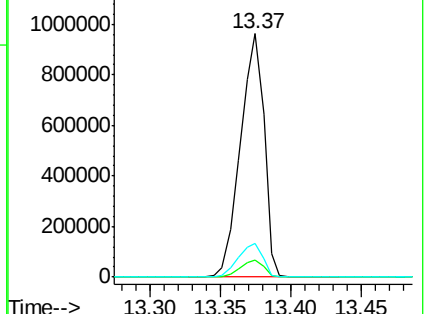
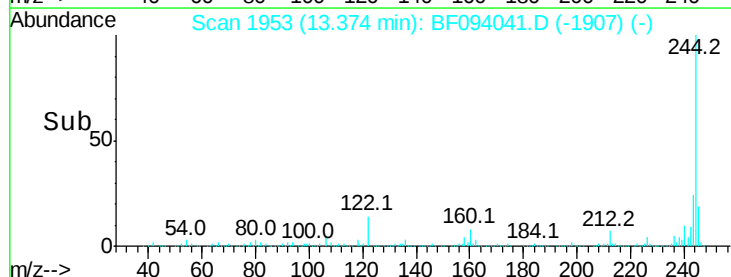
122 13.8 10.3 15.5



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

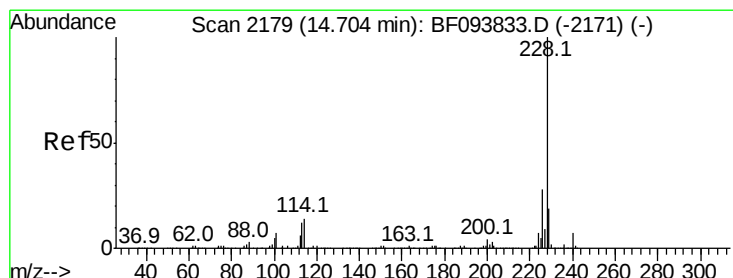
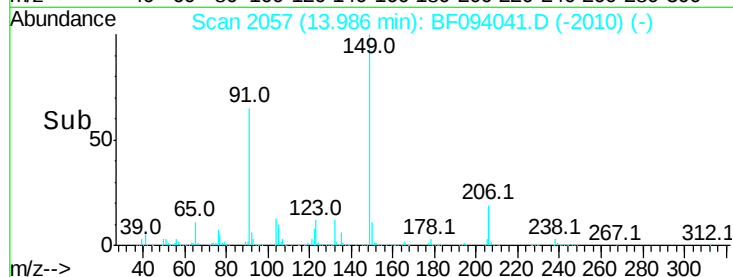
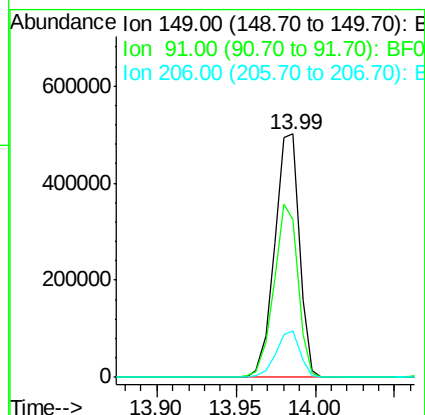
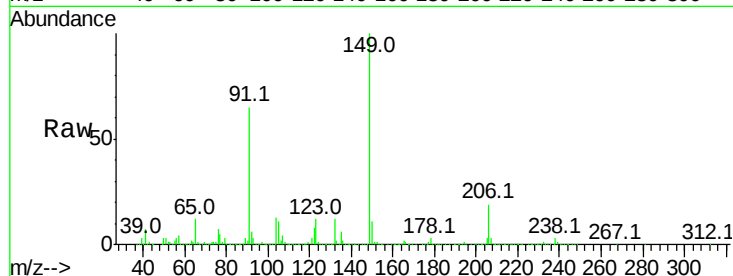




#79
Butylbenzylphthalate
Concen: 60.72 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

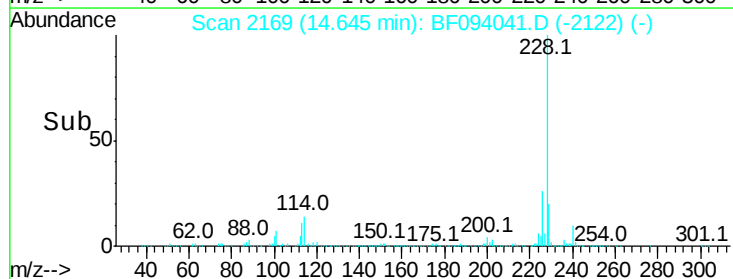
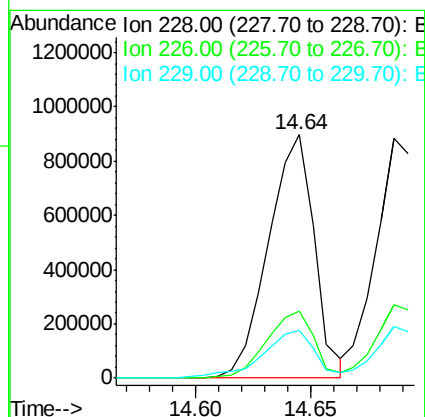
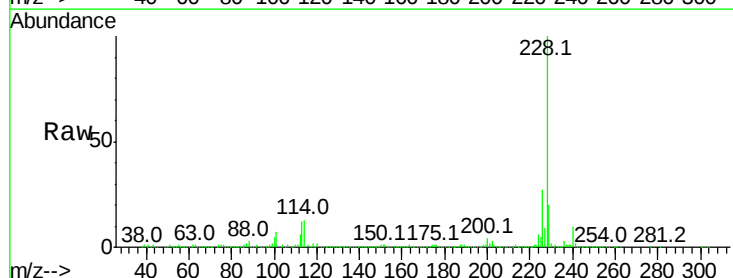
Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMS

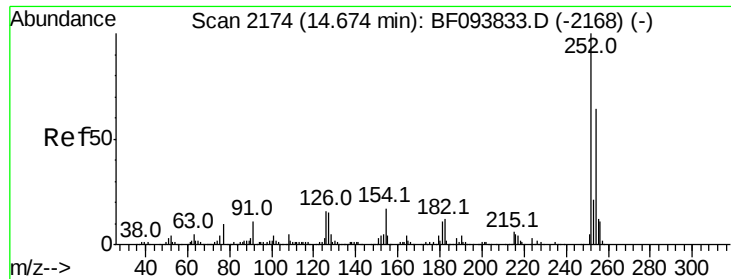
Tot Ion:149 Resp: 546373
Ion Ratio Lower Upper
149 100
91 65.1 45.0 67.4
206 19.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 72.46 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094041.D
Acq: 30 Mar 2017 1:40

Tgt Ion:228 Resp: 1229624
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.7 16.3 24.5

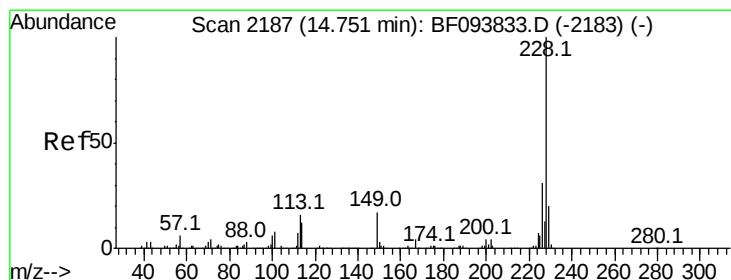
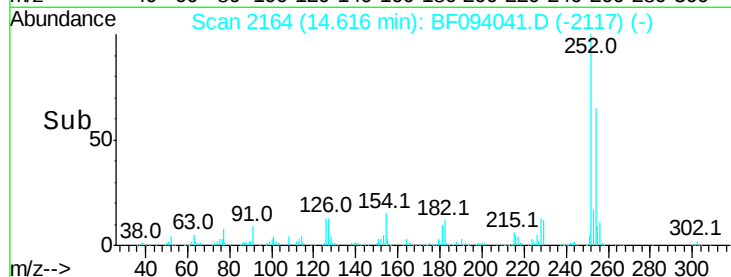
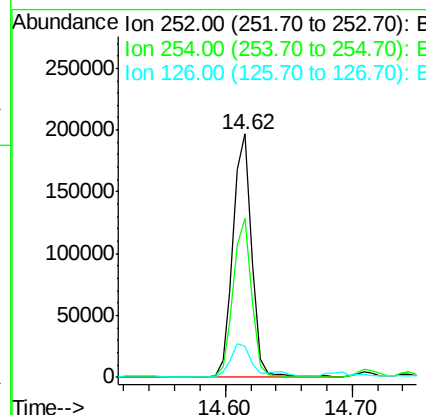
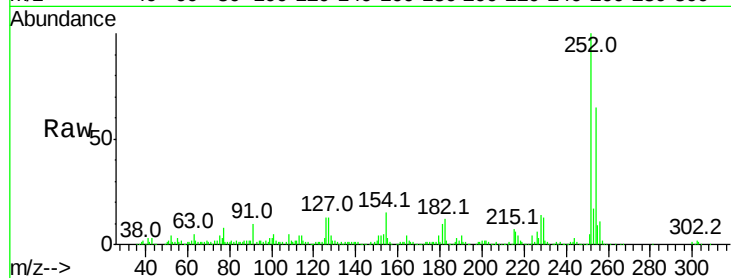




#81
 3,3'-Dichlorobenzidine
 Concen: 33.16 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

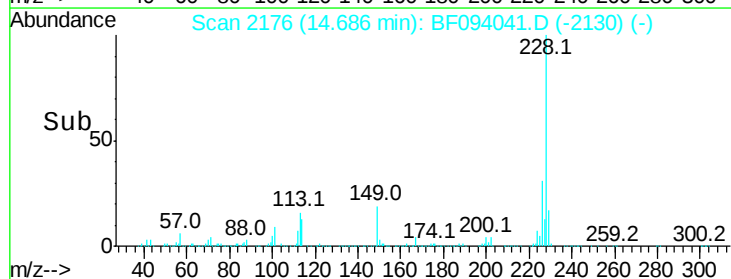
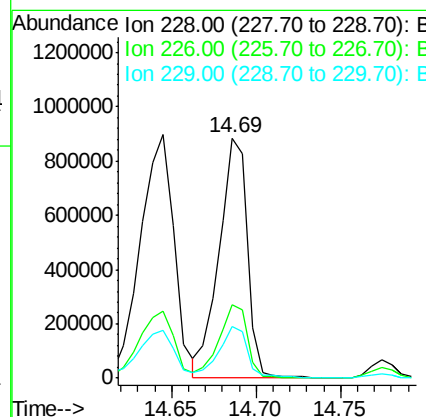
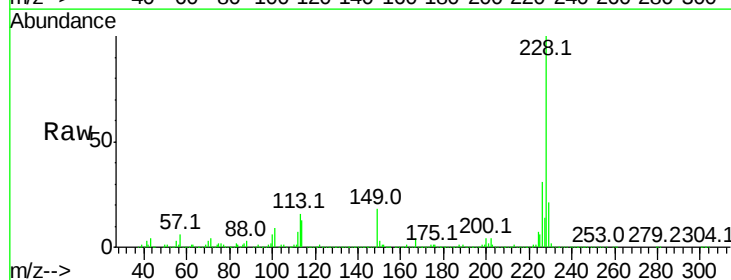
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMS

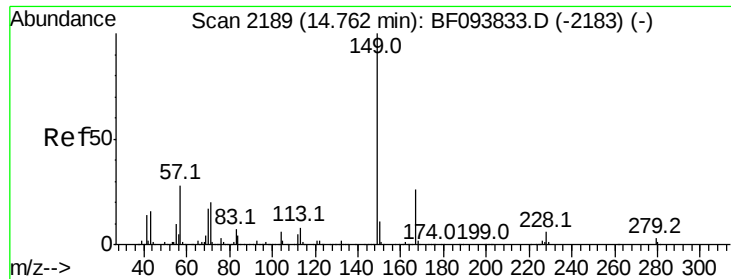
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	13.0	15.8	23.8



#82
 Chrysene
 Concen: 65.54 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.3	15.8	23.6

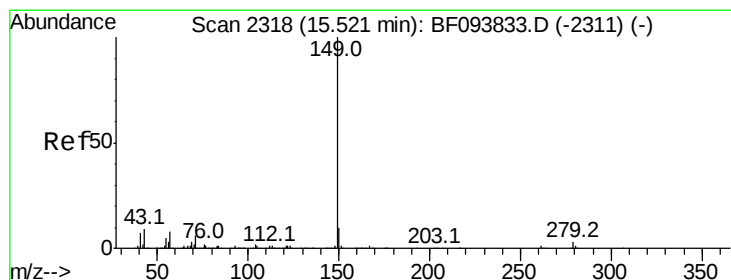
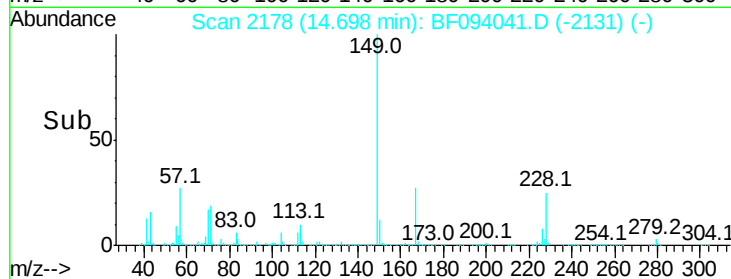
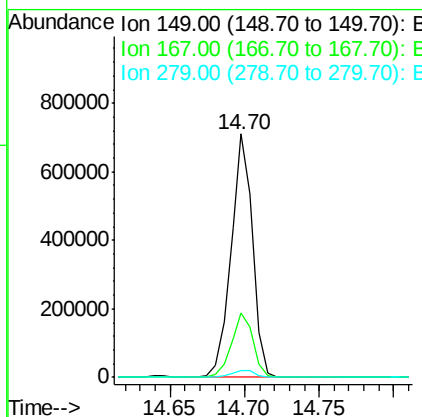
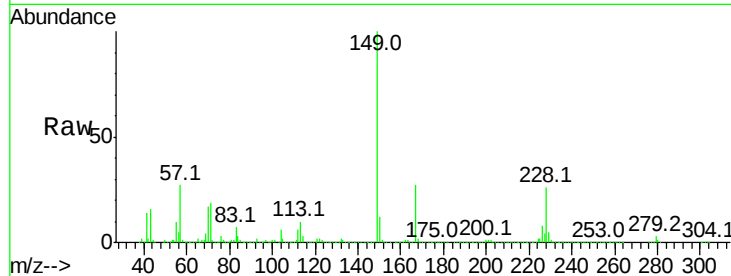




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.13 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

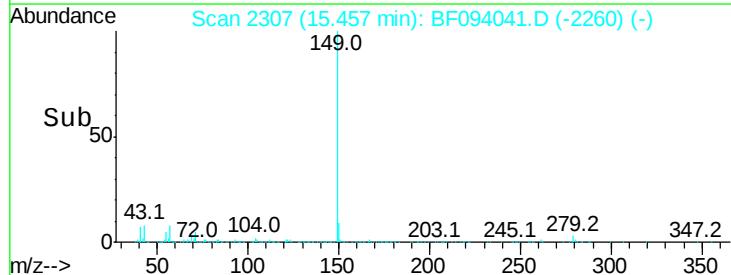
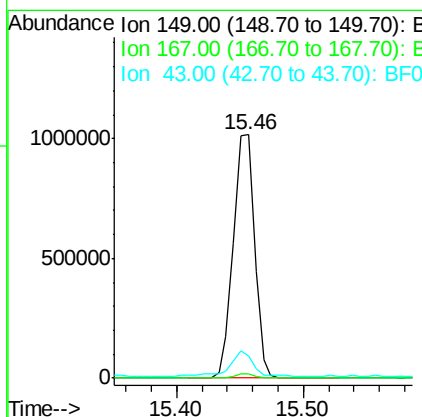
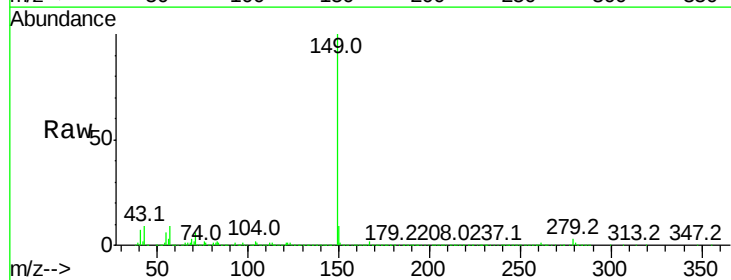
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMS

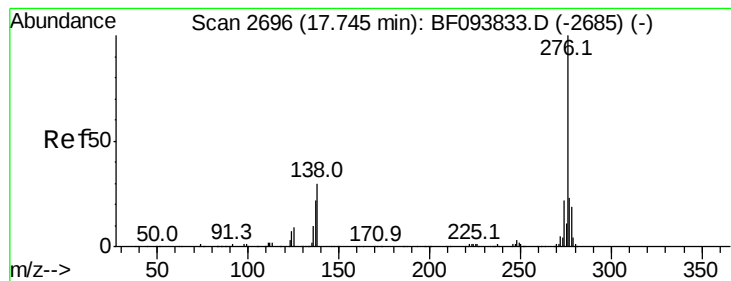
Tot Ion:149 Resp: 713653
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 57.18 ng
 RT: 15.46 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BF094041.D
 Acq: 30 Mar 2017 1:40

Tgt Ion:149 Resp: 1172666
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.1 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 68.11 ng

RT: 17.66 min Scan# 2681

Delta R.T. -0.03 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

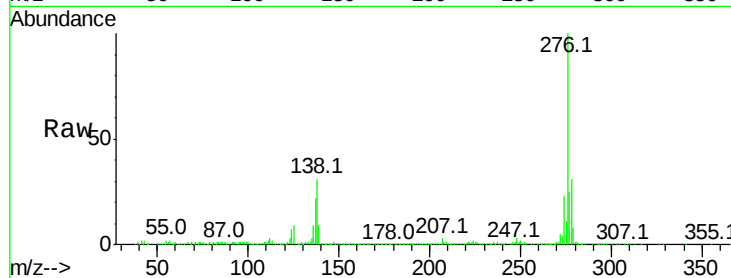
Tot Ion:276 Resp: 928930

Ion Ratio Lower Upper

276 100

138 34.4 27.8 41.6

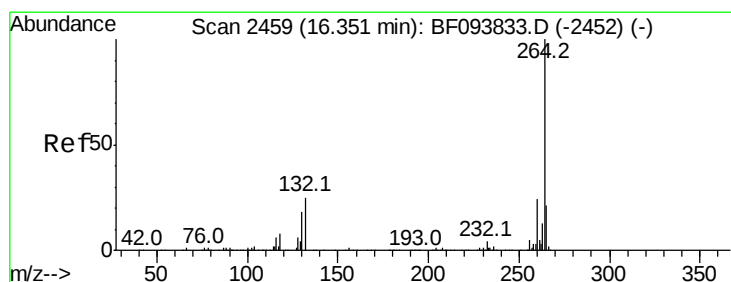
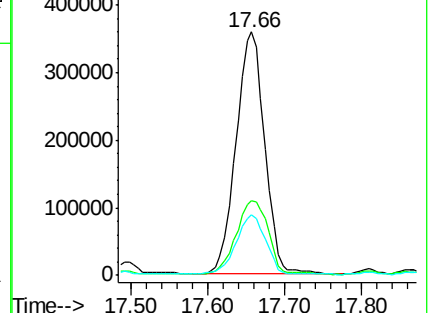
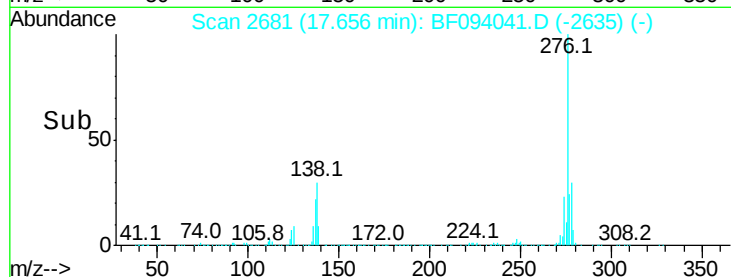
277 24.9 20.2 30.4



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: 16.29 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

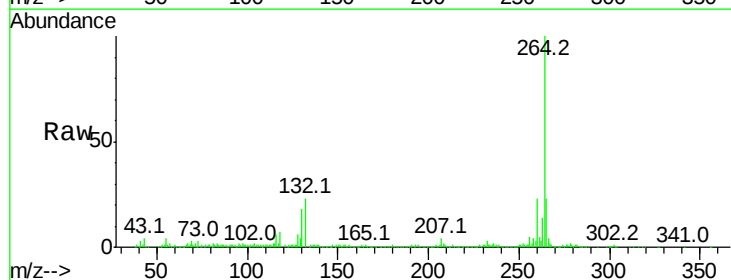
Tgt Ion:264 Resp: 276062

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

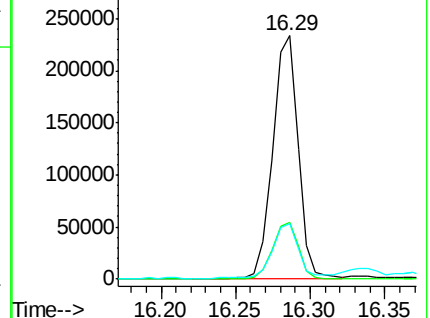
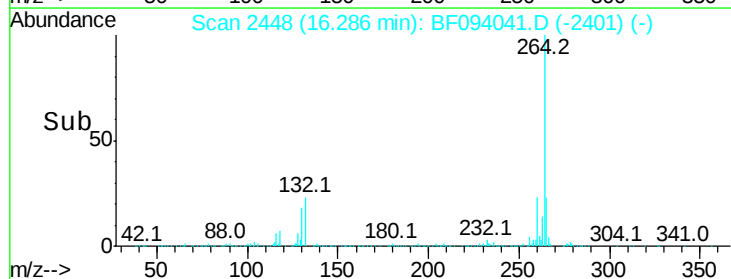
265 22.8 17.2 25.8

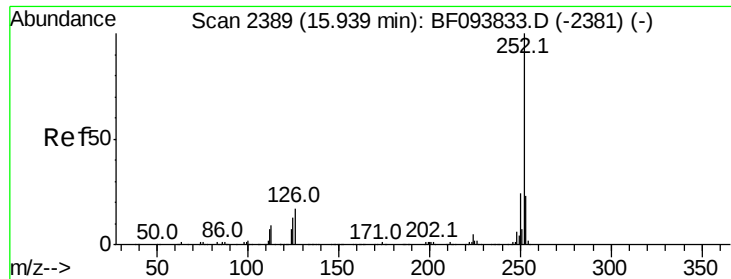


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 67.98 ng

RT: 15.88 min Scan# 2379

Delta R.T. -0.02 min

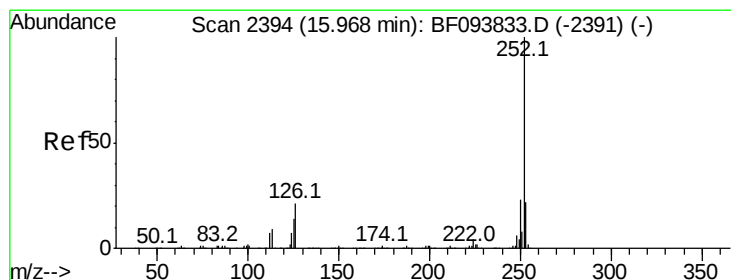
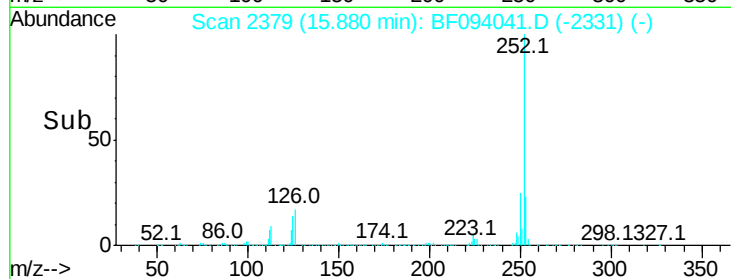
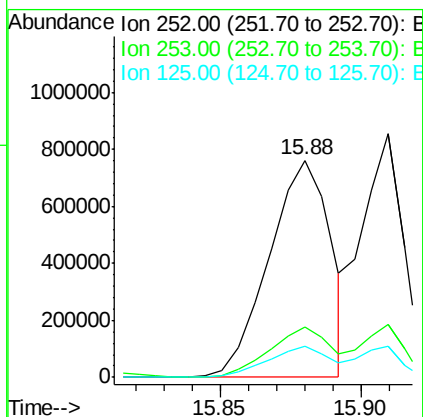
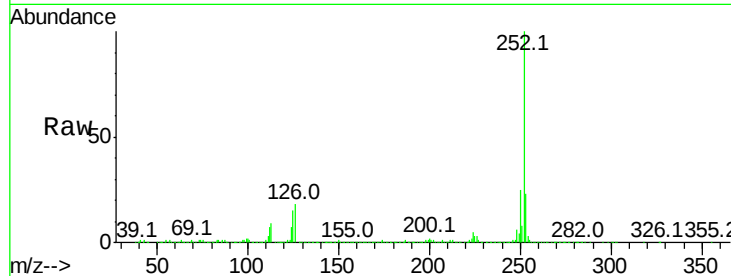
Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

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

Tot Ion:252 Resp: 1150395

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.6	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 69.48 ng

RT: 15.88 min Scan# 2379

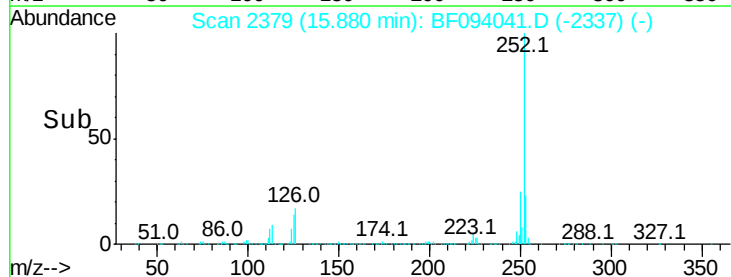
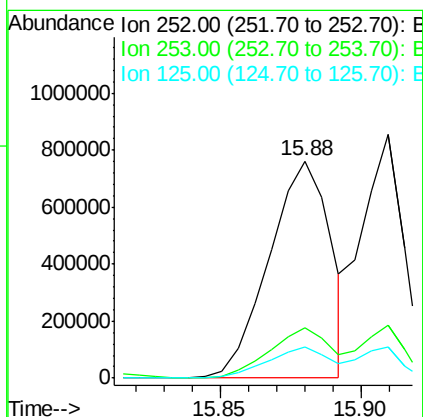
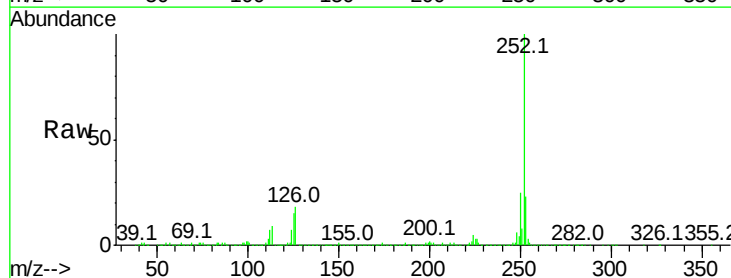
Delta R.T. -0.05 min

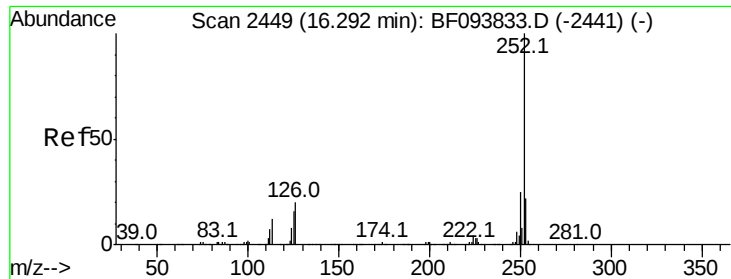
Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Tgt Ion:252 Resp: 1150395

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	14.6	13.1	19.7





#89

Benzo(a)pyrene

Concen: 67.47 ng

RT: 16.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

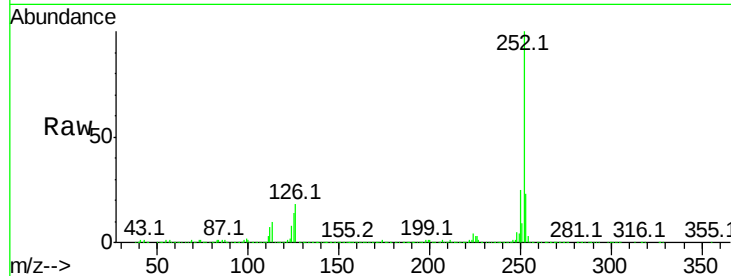
Tot Ion:252 Resp: 1051382

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

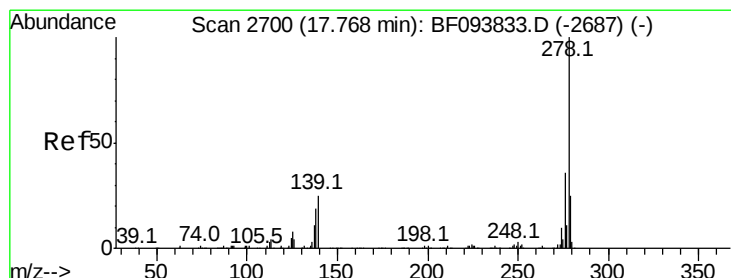
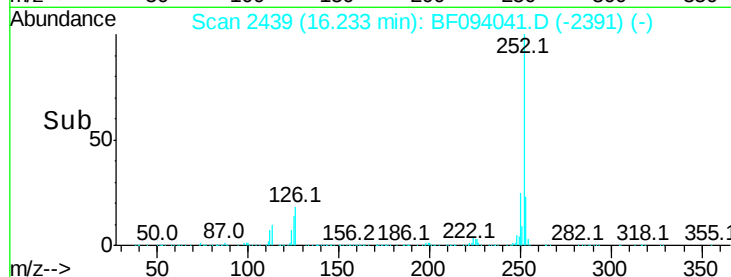
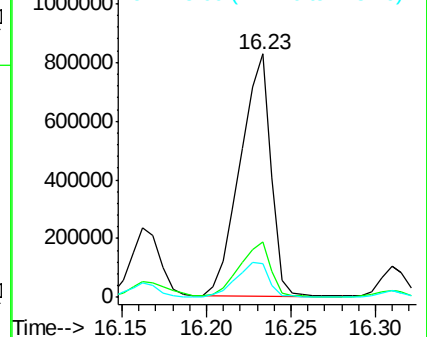
125 14.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.53 ng

RT: 17.67 min Scan# 2684

Delta R.T. -0.04 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

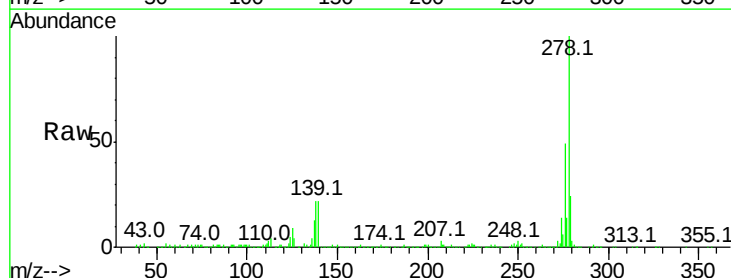
Tgt Ion:278 Resp: 613994

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

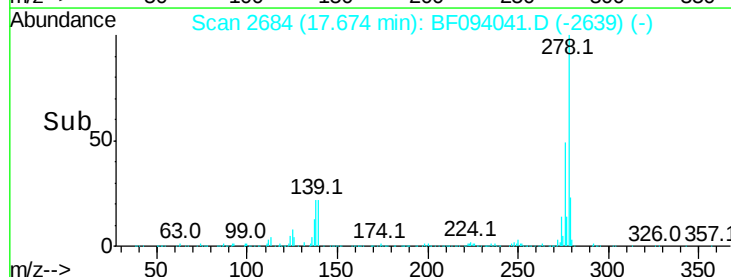
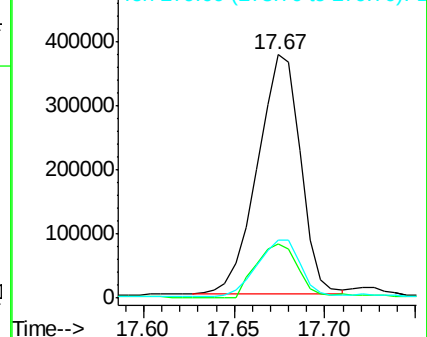
279 23.9 19.3 28.9

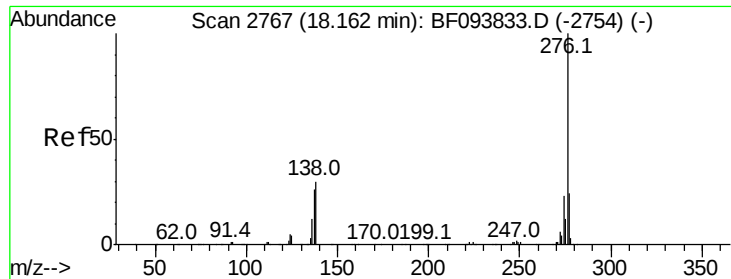


Abundance Ion 278.00 (277.70 to 278.70): E

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: 60.04 ng

RT: 18.06 min Scan# 2750

Delta R.T. -0.04 min

Lab File: BF094041.D

Acq: 30 Mar 2017 1:40

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMS

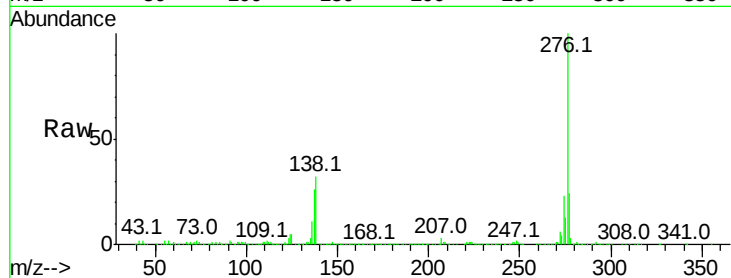
Tot Ion: 276 Resp: 798494

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

