

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094309.D
 Acq On : 10 Apr 2017 14:21
 Operator : SJ/MA
 Sample : PB98131BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:45:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	162048	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	646642	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	293929	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	509593	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	403907	20.00	ng	-0.01
86) Perylene-d12	16.19	264	284944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.41	112	1135157	118.32	ng	0.02
7) Phenol-d6	5.48	99	1425538	120.11	ng	0.02
23) Nitrobenzene-d5	6.49	82	897213	79.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	307545	132.41	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1655241	85.89	ng	-0.02
78) Terphenyl-d14	13.29	244	1362670	75.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	155600	33.76	ng	98
3) Pyridine	2.73	79	450956	35.90	ng	98
4) n-Nitrosodimethylamine	2.69	42	206417	39.93	ng	89
6) Aniline	5.46	93	242578	14.69	ng	95
8) 2-Chlorophenol	5.62	128	445556	42.25	ng	97
9) Benzaldehyde	5.33	77	153957	19.21	ng	99
10) Phenol	5.50	94	536032	39.69	ng	88
11) bis(2-Chloroethyl)ether	5.55	93	424241	40.19	ng	97
12) 1,3-Dichlorobenzene	5.77	146	479805	40.56	ng	97
13) 1,4-Dichlorobenzene	5.86	146	481653	40.20	ng	96
14) 1,2-Dichlorobenzene	6.03	146	439154	39.80	ng	96
15) Benzyl Alcohol	6.02	79	333947	38.44	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	565831	34.79	ng	53
17) 2-Methylphenol	6.18	107	362870	40.18	ng	95
18) Hexachloroethane	6.43	117	170385	40.46	ng	# 87
19) n-Nitroso-di-n-propylamine	6.33	70	318743	41.78	ng	98
20) 3+4-Methylphenols	6.36	107	506403	46.30	ng	# 61
22) Acetophenone	6.32	105	617728	42.86	ng	# 86
24) Nitrobenzene	6.52	77	451171	40.37	ng	92
25) Isophorone	6.80	82	804484	40.41	ng	96
26) 2-Nitrophenol	6.89	139	251796	47.25	ng	97
27) 2,4-Dimethylphenol	6.97	122	404990	44.10	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	537835	40.96	ng	98
29) 2,4-Dichlorophenol	7.20	162	380590	44.33	ng	98
30) 1,2,4-Trichlorobenzene	7.28	180	373825	42.27	ng	99
31) Naphthalene	7.37	128	1254908	40.36	ng	100
32) Benzoic acid	7.15	122	214194	35.04	ng	96
33) 4-Chloroaniline	7.44	127	110958	8.80	ng	# 94
34) Hexachlorobutadiene	7.52	225	189826	41.86	ng	99
35) Caprolactam	7.89	113	67805	24.76	ng	86
36) 4-Chloro-3-methylphenol	8.08	107	399484	44.53	ng	87
37) 2-Methylnaphthalene	8.22	142	888605	42.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	329168	40.94	ng	99
40) Hexachlorocyclopentadiene	8.41	237	322543	85.72	ng	96

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

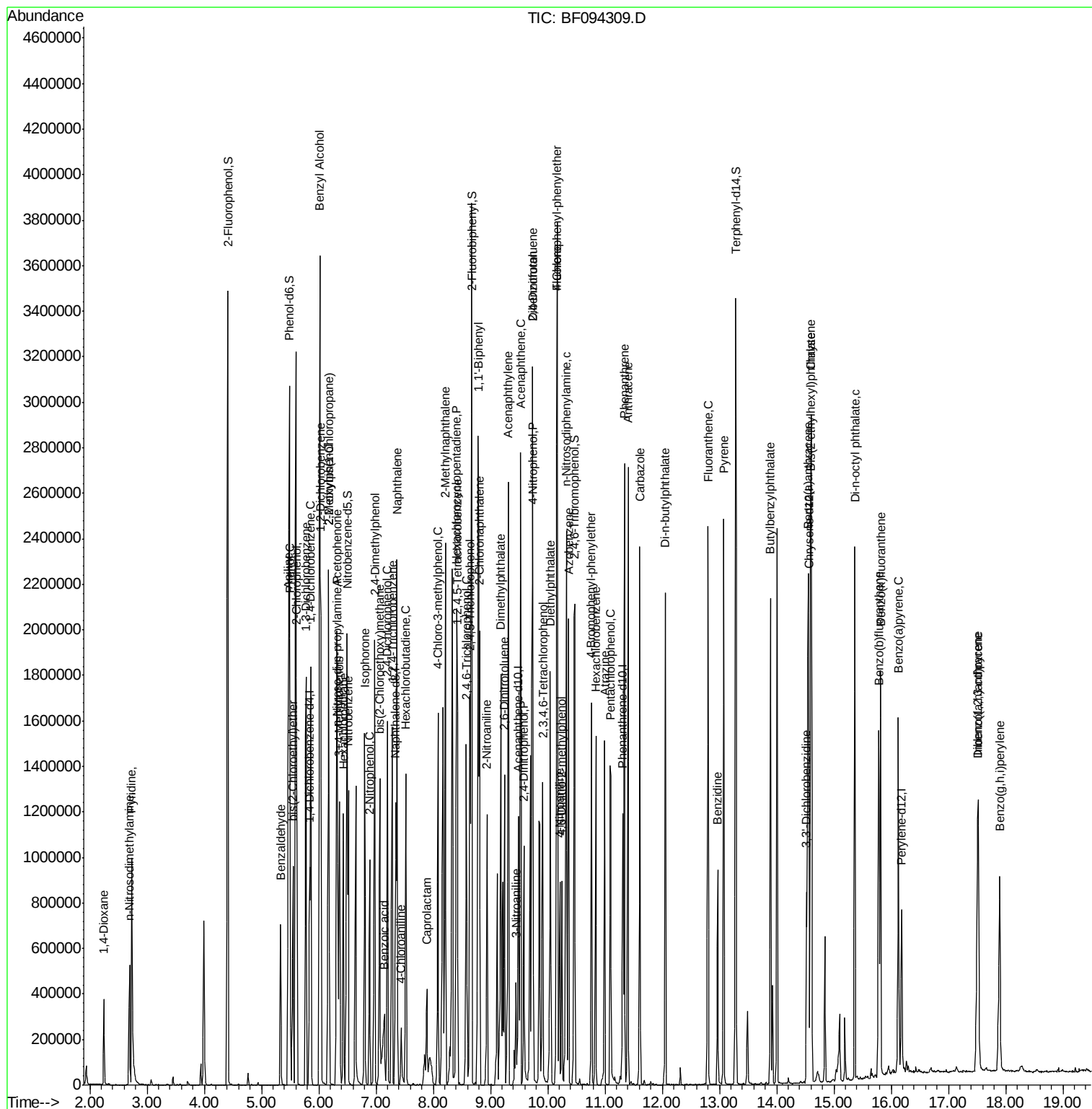
42) 2,4,6-Trichlorophenol	8.58	196	254404	44.72	nq	96
43) 2,4,5-Trichlorophenol	8.64	196	258268	41.96	nq	# 93
45) 1,1'-Biphenyl	8.79	154	994614	41.95	nq	98
46) 2-Chloronaphthalene	8.81	162	784916	42.29	nq	96
47) 2-Nitroaniline	8.94	65	235962	42.86	nq	91
48) Acenaphthylene	9.32	152	1227270	39.79	nq	99
49) Dimethylphthalate	9.18	163	932194	44.62	nq	98
50) 2,6-Dinitrotoluene	9.25	165	207535	43.33	nq	# 90
51) Acenaphthene	9.53	154	731092	40.62	nq	100
52) 3-Nitroaniline	9.45	138	81750	14.54	nq	93
53) 2,4-Dinitrophenol	9.59	184	181508	71.35	nq	# 68
54) Dibenzofuran	9.74	168	1039317	42.42	nq	98
55) 4-Nitrophenol	9.73	139	699066	158.72	nq	89
56) 2,4-Dinitrotoluene	9.74	165	247658	41.16	nq	# 67
57) Fluorene	10.16	166	817763	40.25	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	193023	45.70	nq	96
59) Diethylphthalate	10.05	149	898228	43.50	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	349118	40.34	nq	90
61) 4-Nitroaniline	10.21	138	202924	37.60	nq	95
62) Azobenzene	10.36	77	864332	44.25	nq	96
64) 4,6-Dinitro-2-methylphenol	10.25	198	136299	43.67	nq	# 76
65) n-Nitrosodiphenylamine	10.32	169	753605	42.76	nq	97
66) 4-Bromophenyl-phenylether	10.77	248	215961	43.09	nq	94
67) Hexachlorobenzene	10.84	284	223829	44.12	nq	# 88
68) Atrazine	11.00	200	222465	42.15	nq	98
69) Pentachlorophenol	11.10	266	185571	58.76	nq	100
70) Phenanthrene	11.34	178	1186647	41.86	nq	99
71) Anthracene	11.40	178	1238440	42.43	nq	99
72) Carbazole	11.61	167	1162292	38.83	nq	98
73) Di-n-butylphthalate	12.05	149	1379143	44.31	nq	100
74) Fluoranthene	12.80	202	1226640	42.26	nq	98
76) Benzidine	12.97	184	372536	23.30	nq	# 92
77) Pyrene	13.07	202	1225815	41.82	nq	99
79) Butylbenzylphthalate	13.89	149	590561	47.28	nq	# 84
80) Benzo(a)anthracene	14.55	228	1003950	42.62	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	162969	19.36	nq	# 97
82) Chrysene	14.59	228	878408	40.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	802424	47.09	nq	# 99
84) Di-n-octyl phthalate	15.36	149	1328360	46.66	nq	98
85) Indeno(1,2,3-cd)pyrene	17.51	276	714842	37.76	nq	100
87) Benzo(b)fluoranthene	15.79	252	801610	45.90	nq	98
88) Benzo(k)fluoranthene	15.82	252	727324	42.56	nq	# 96
89) Benzo(a)pyrene	16.13	252	687586	42.75	nq	98
90) Dibenzo(a,h)anthracene	17.53	278	587475	43.13	nq	98
91) Benzo(g,h,i)perylene	17.90	276	609863	44.43	nq	99

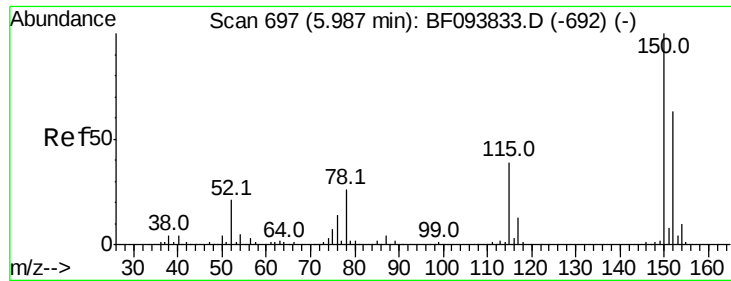
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 8      Sample Multiplier: 1
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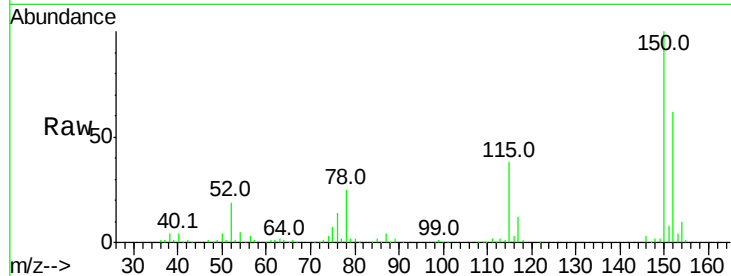


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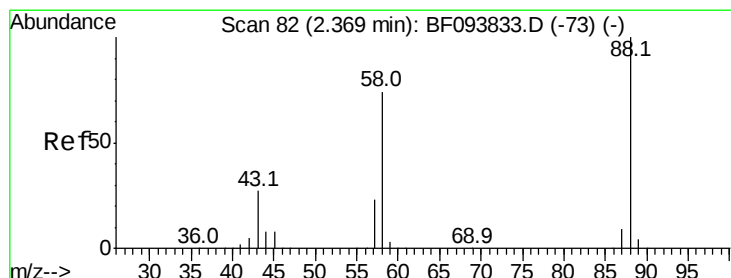
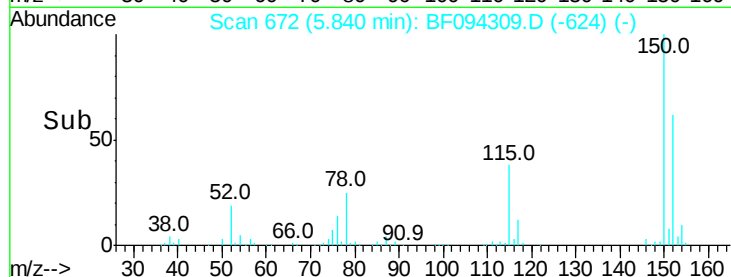
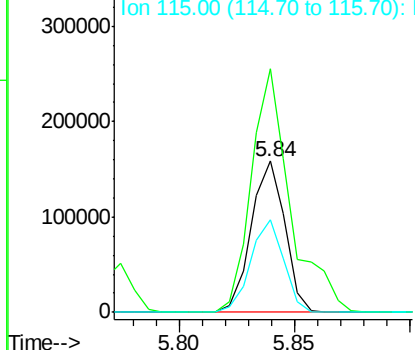
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162048
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 61.5 52.2 78.2



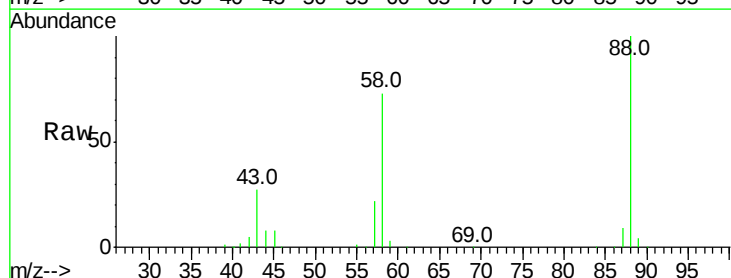
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



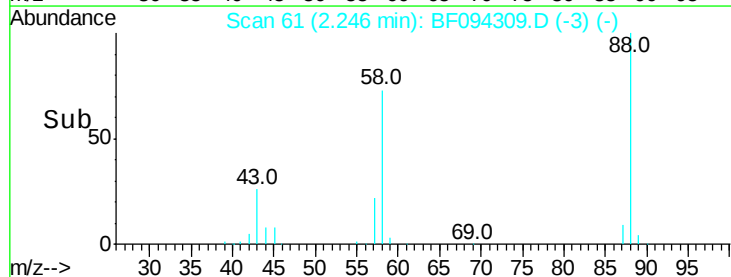
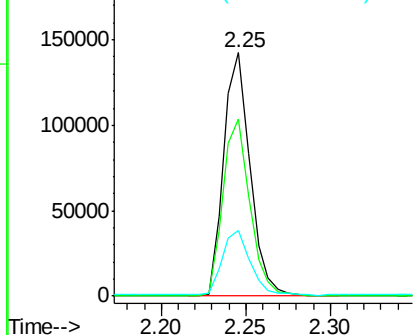
#2

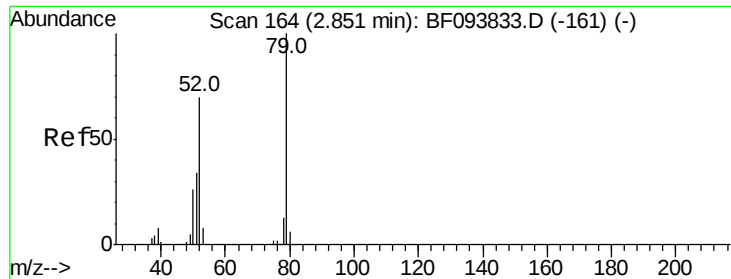
1,4-Dioxane
Concen: 33.76 ng
RT: 2.25 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion: 88 Resp: 155600
Ion Ratio Lower Upper
88 100
58 74.4 61.4 92.0
43 28.7 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

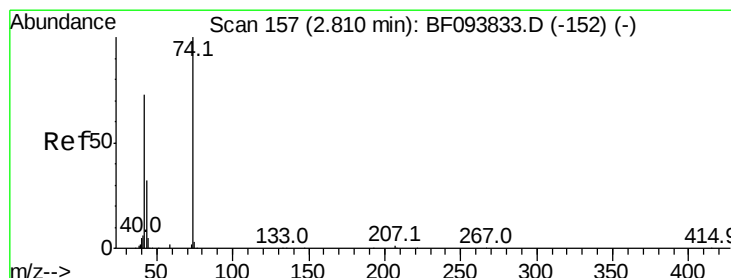
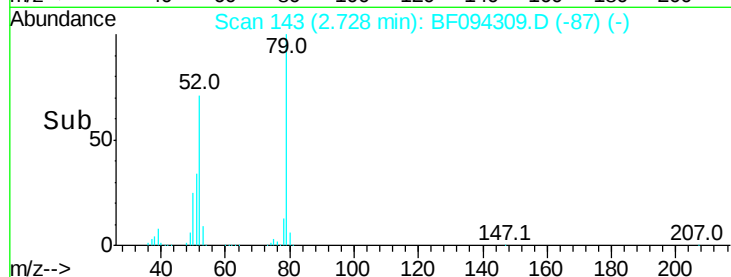
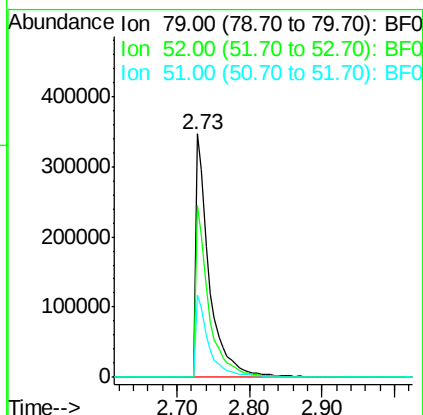
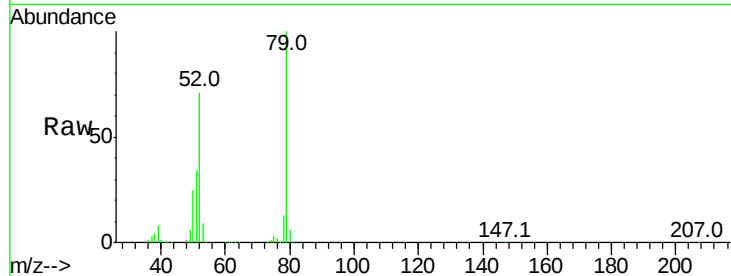




#3
 Pvridine
 Concen: 35.90 ng
 RT: 2.73 min Scan# 143
 Delta R.T. 0.03 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

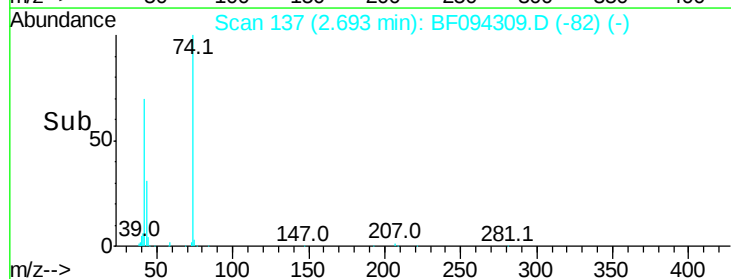
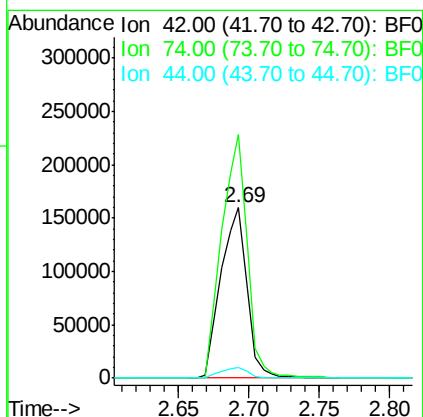
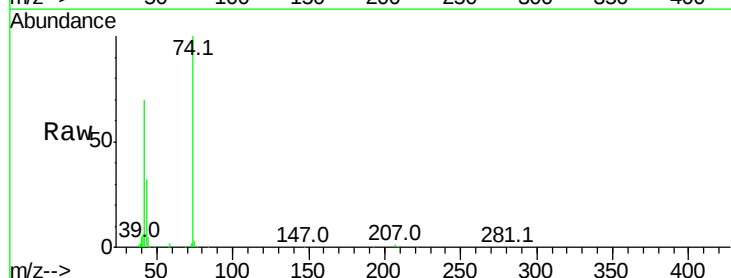
Instrument :
 BNA_F
 ClientSampleId :

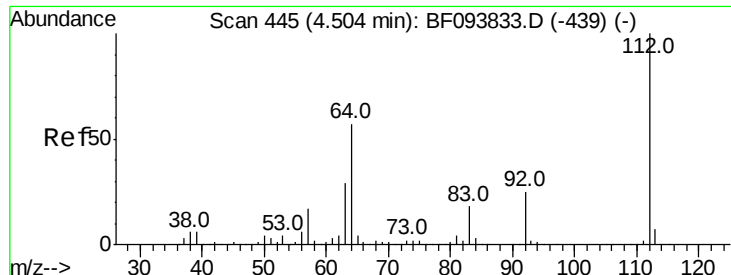
Tot Ion: 79 Resp: 450956
 Ion Ratio Lower Upper
 79 100
 52 70.8 54.8 82.2
 51 33.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 39.93 ng
 RT: 2.69 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion: 42 Resp: 206417
 Ion Ratio Lower Upper
 42 100
 74 142.7 103.9 155.9
 44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 118.32 ng

RT: 4.41 min Scan# 429

Delta R.T. 0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampled :

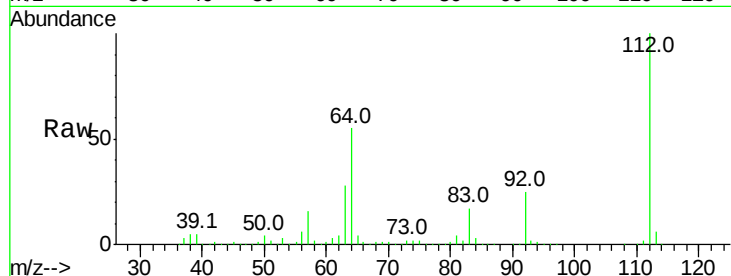
Tot Ion:112 Resp: 1135157

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

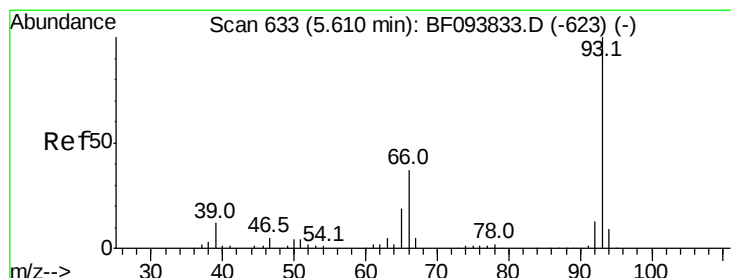
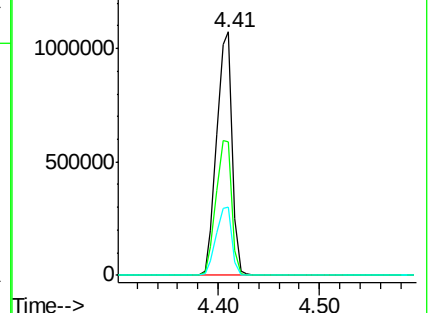
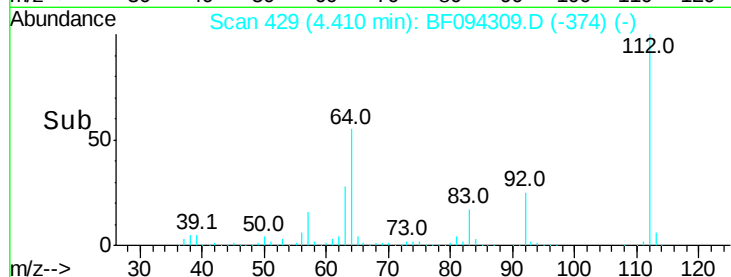
63 27.8 23.4 35.0



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: 14.69 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

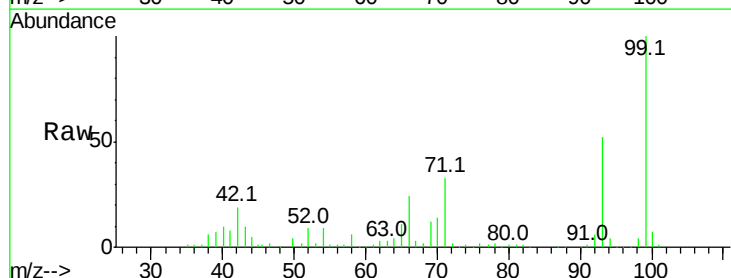
Tgt Ion: 93 Resp: 242578

Ion Ratio Lower Upper

93 100

66 46.0 32.9 49.3

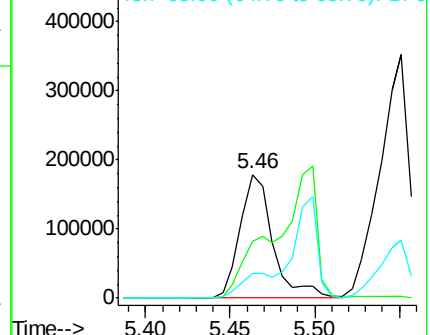
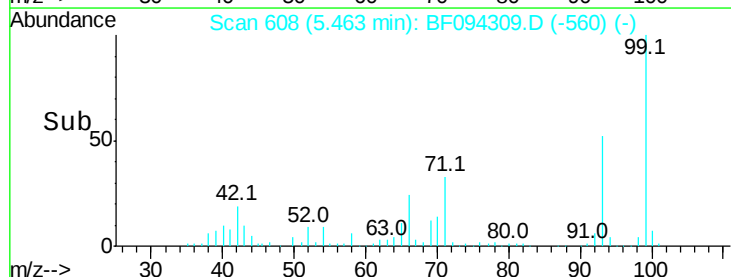
65 20.3 16.0 24.0

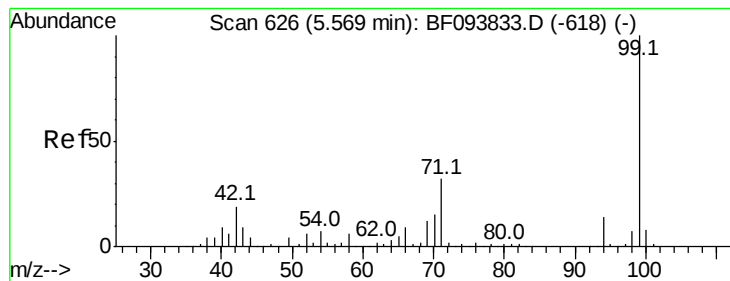


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.11 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

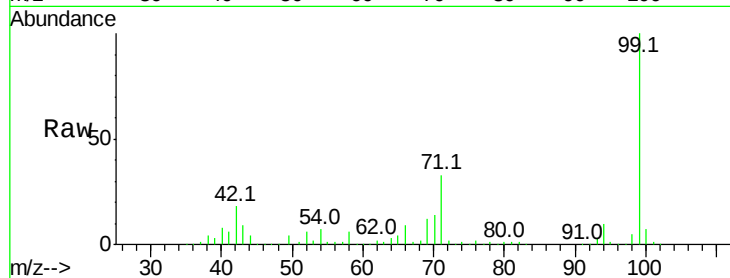
Tot Ion: 99 Resp: 1425538

Ion Ratio Lower Upper

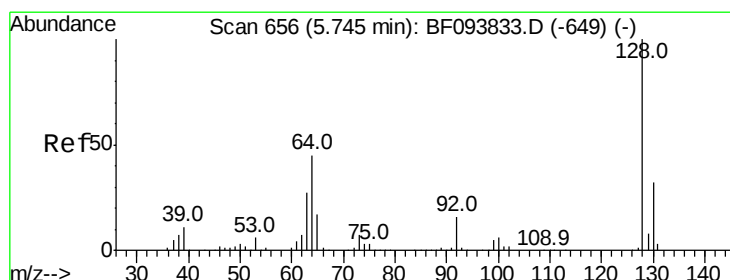
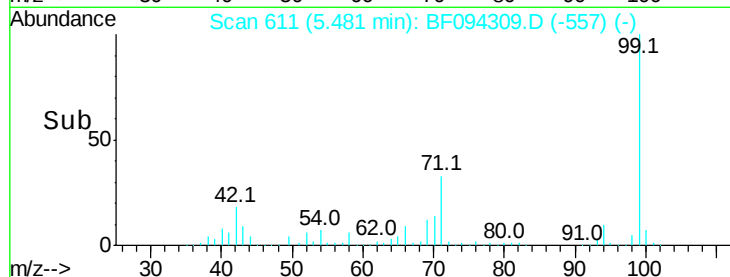
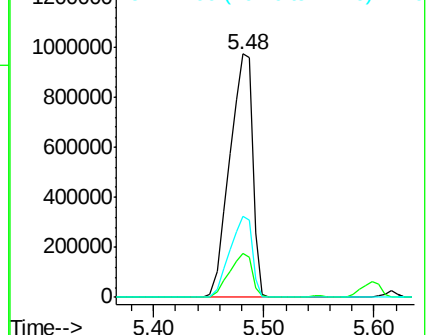
99 100

42 18.1 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: 42.25 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

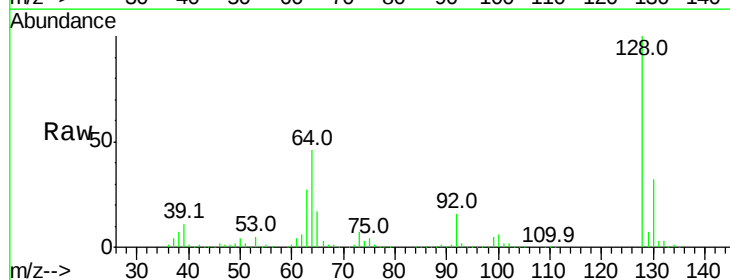
Tgt Ion: 128 Resp: 445556

Ion Ratio Lower Upper

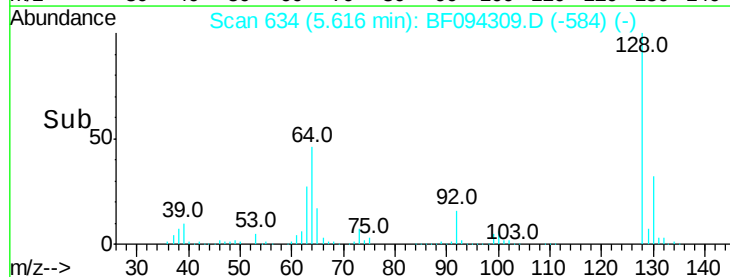
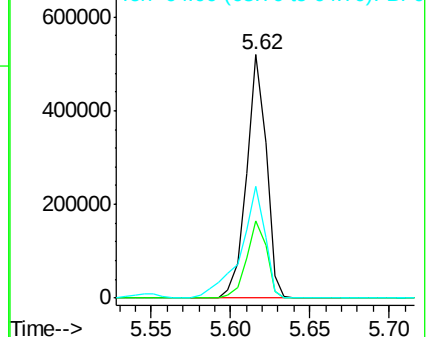
128 100

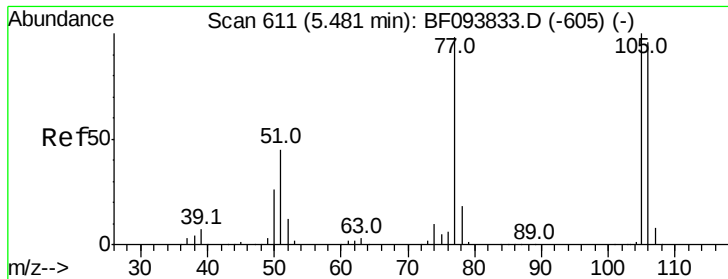
130 31.7 12.9 52.9

64 46.1 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: 19.21 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

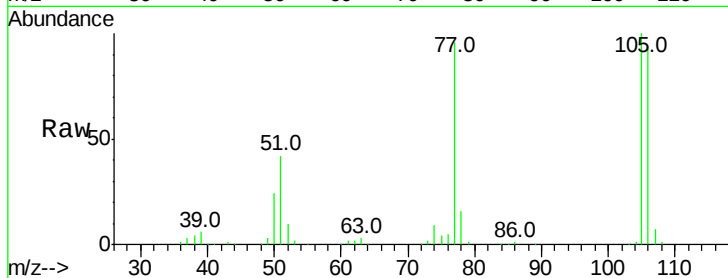
Tot Ion: 77 Resp: 153957

Ion Ratio Lower Upper

77 100

105 104.1 83.8 123.8

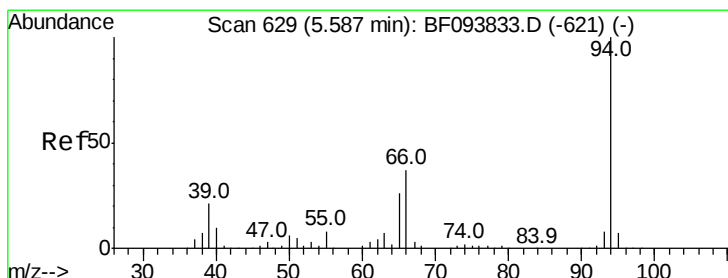
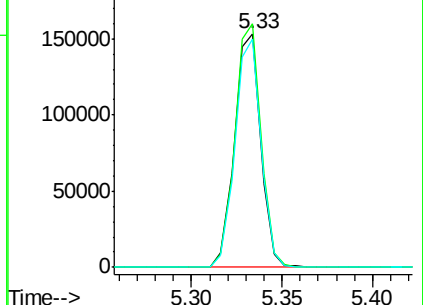
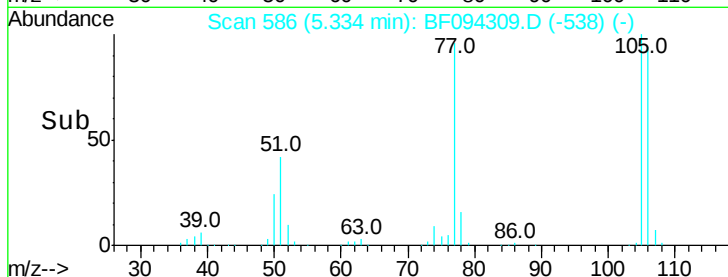
106 97.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.69 ng

RT: 5.50 min Scan# 614

Delta R.T. 0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

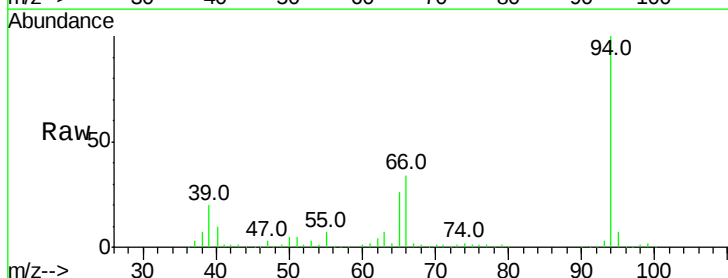
Tgt Ion: 94 Resp: 536032

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

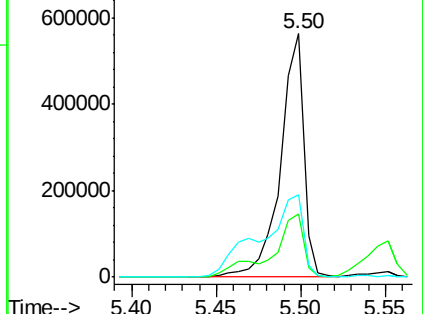
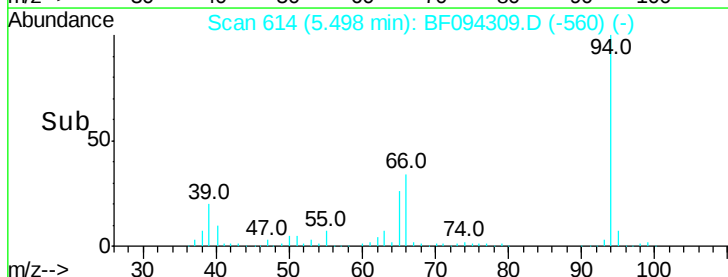
66 33.8 23.1 63.1



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

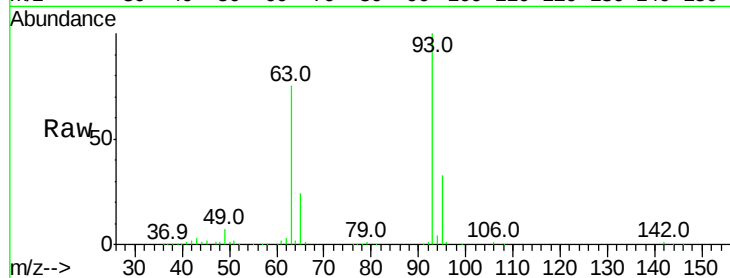




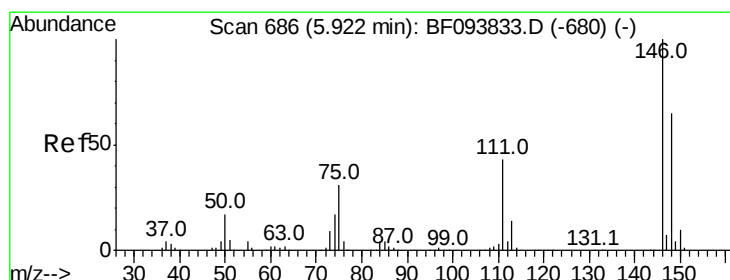
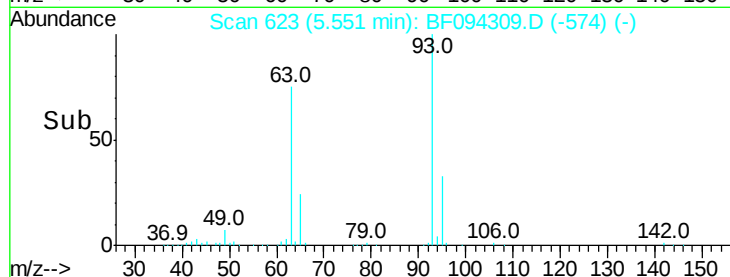
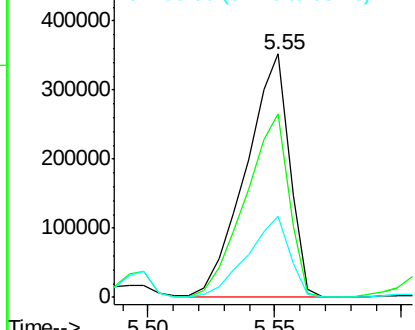
#11
bis(2-Chloroethyl)ether
Concen: 40.19 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 424241
Ion Ratio Lower Upper
93 100
63 75.3 59.2 99.2
95 33.2 12.8 52.8

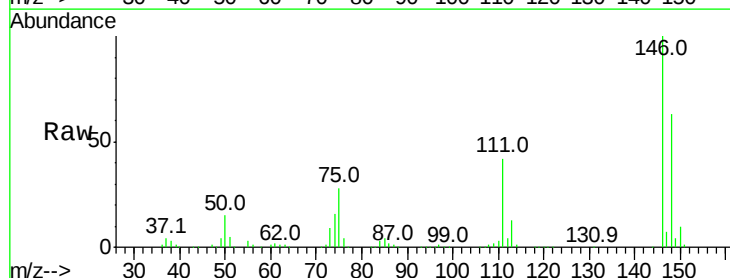


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

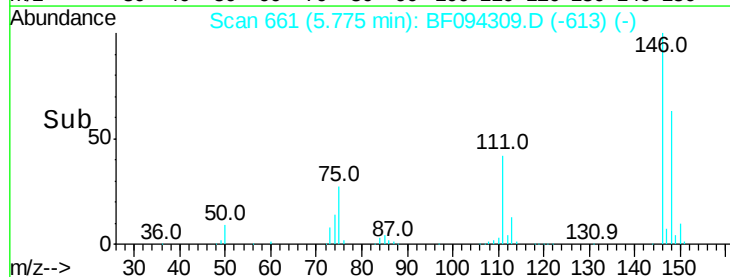
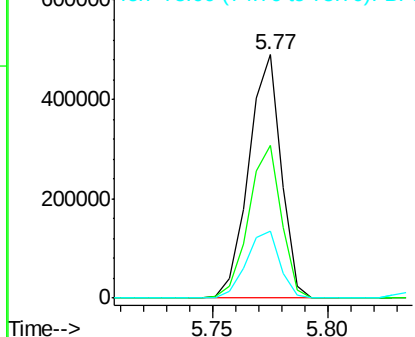


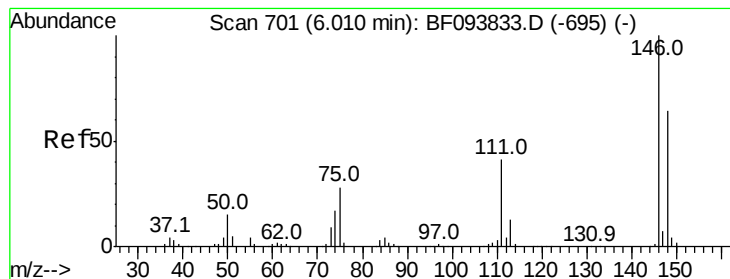
#12
1,3-Dichlorobenzene
Concen: 40.56 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion: 146 Resp: 479805
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.6
75 27.6 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: 40.20 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

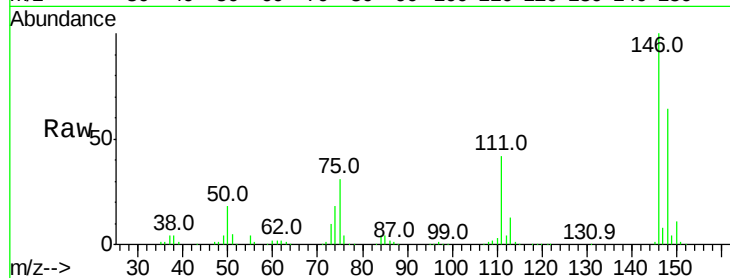
Tot Ion:146 Resp: 481653

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

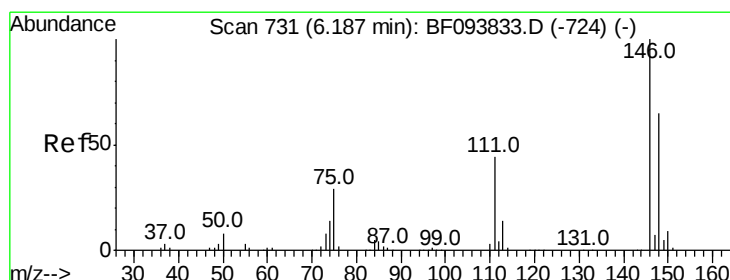
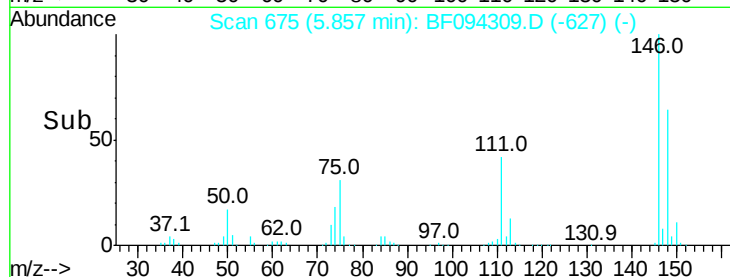
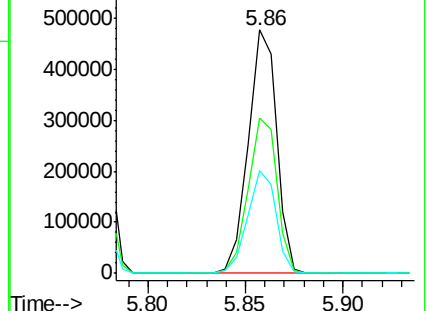
111 42.1 30.3 45.5



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: 39.80 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

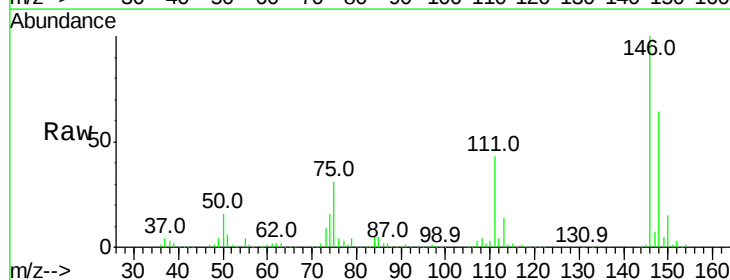
Tgt Ion:146 Resp: 439154

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

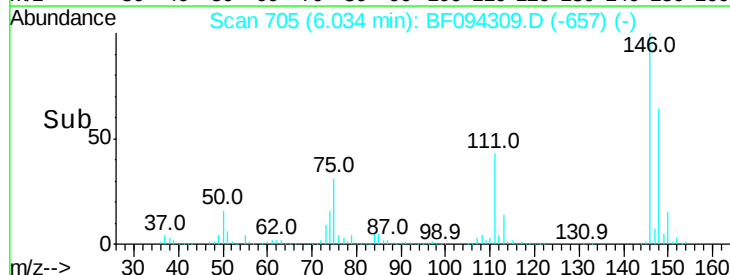
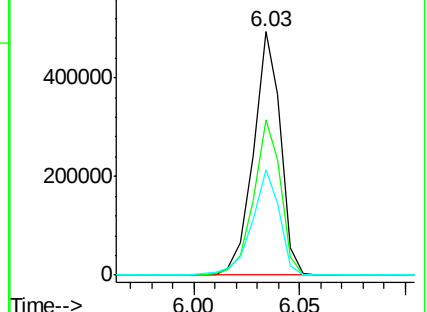
111 43.2 38.2 57.4



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: 38.44 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

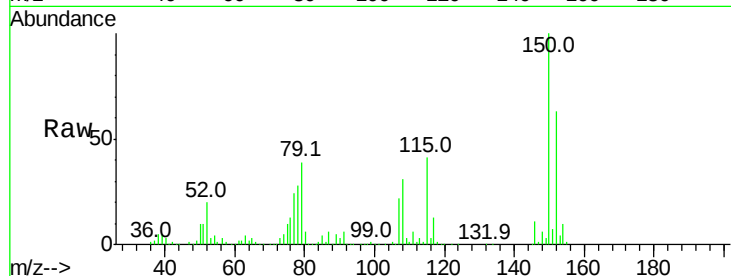
Tot Ion: 79 Resp: 333947

Ion Ratio Lower Upper

79 100

108 79.0 63.4 95.0

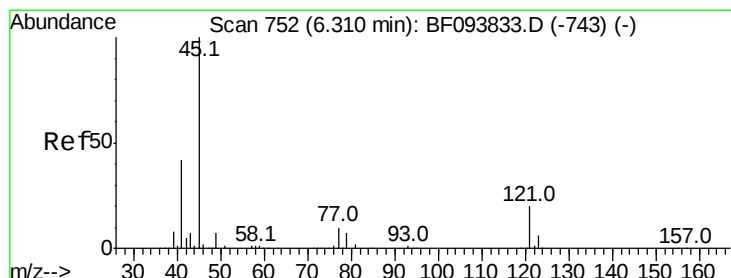
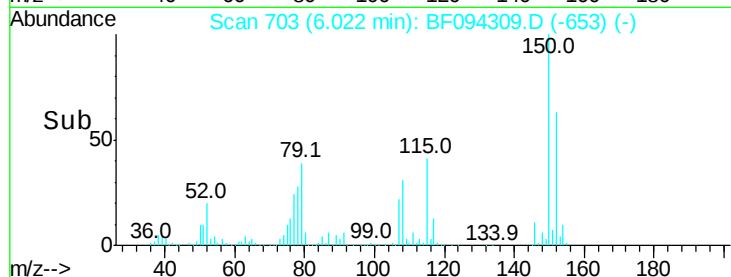
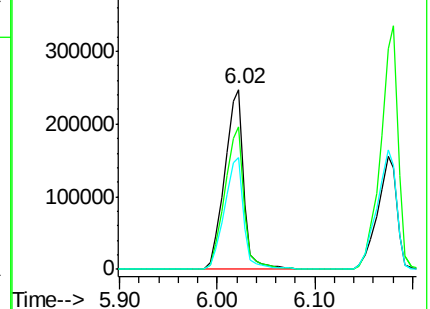
77 62.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.79 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

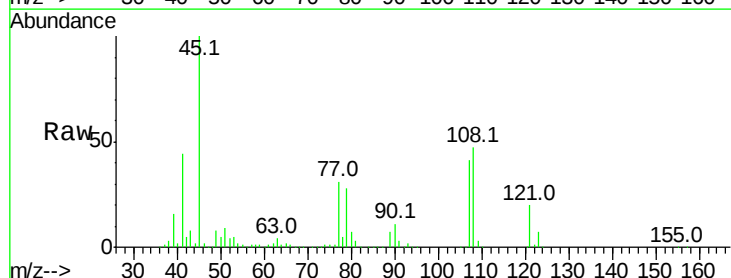
Tgt Ion: 45 Resp: 565831

Ion Ratio Lower Upper

45 100

77 31.2 0.0 33.2

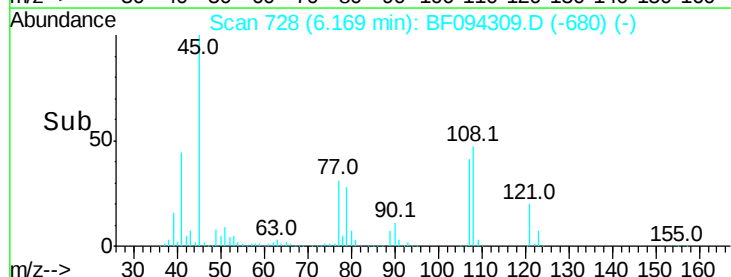
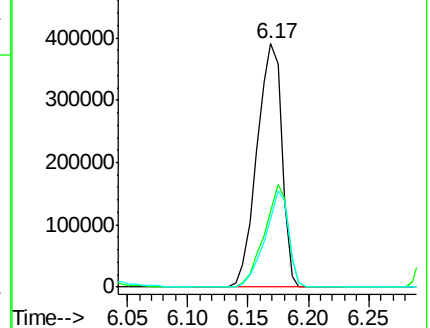
79 28.2 0.0 30.0

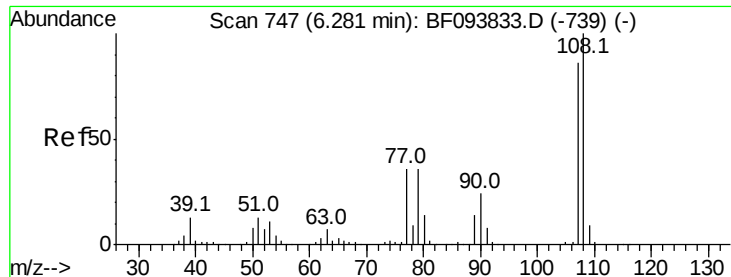


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

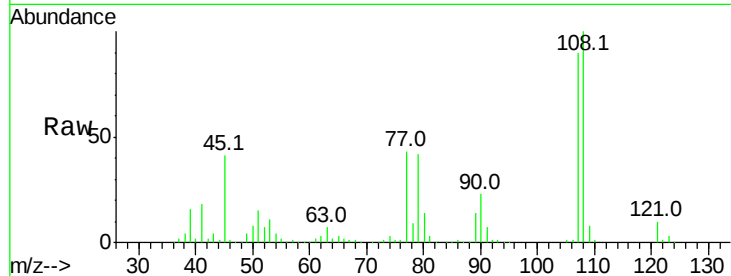




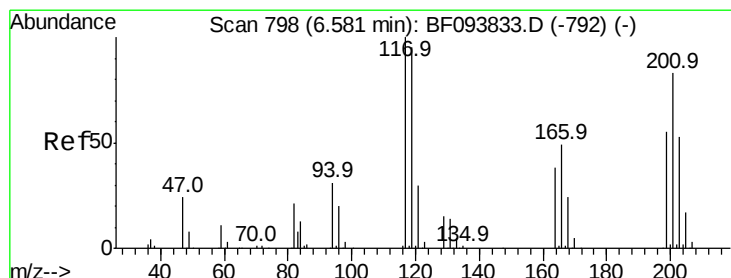
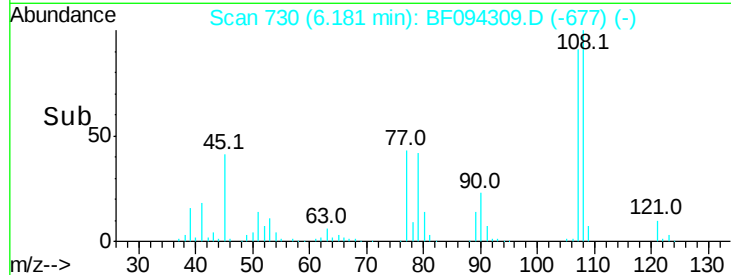
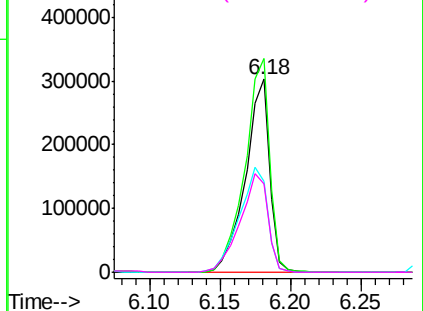
#17
2-Methylphenol
Concen: 40.18 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 362870
Ion Ratio Lower Upper
107 100
108 110.5 93.4 140.0
77 47.1 35.8 53.6
79 45.9 34.8 52.2

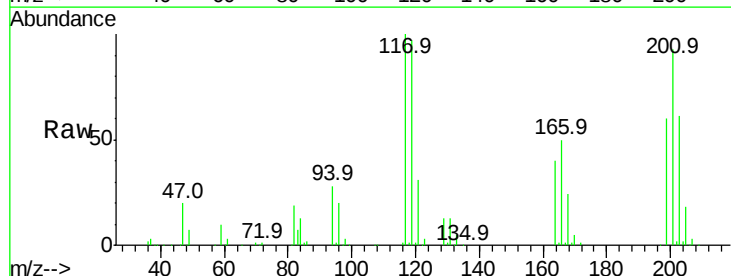


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

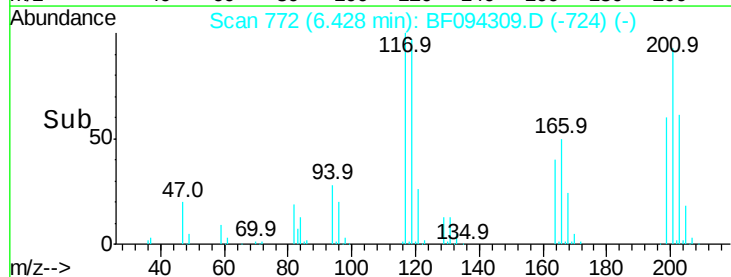
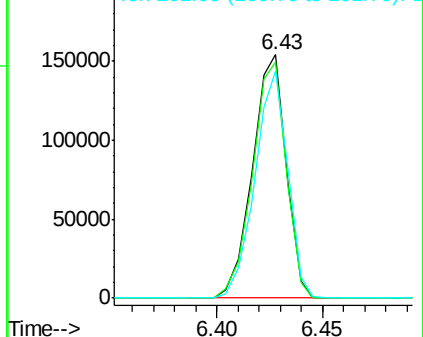


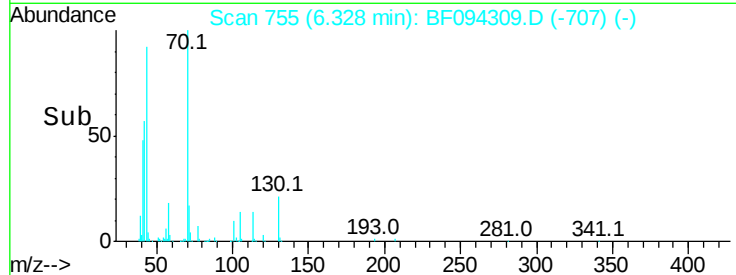
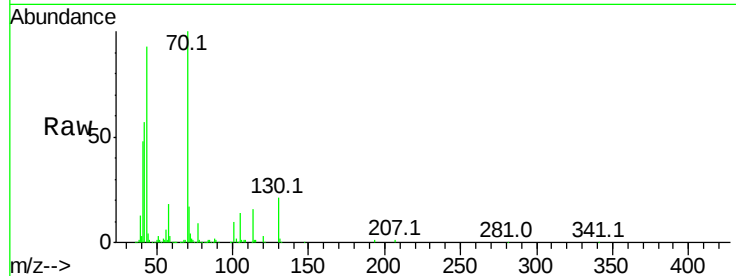
#18
Hexachloroethane
Concen: 40.46 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:117 Resp: 170385
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 93.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

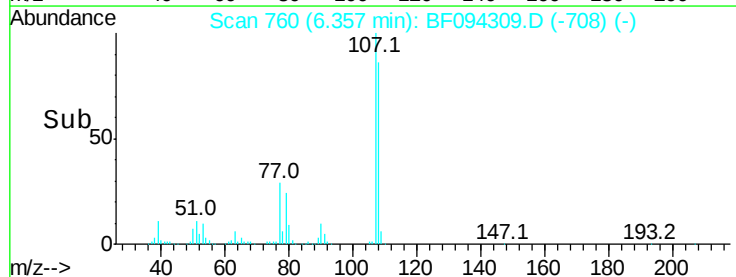
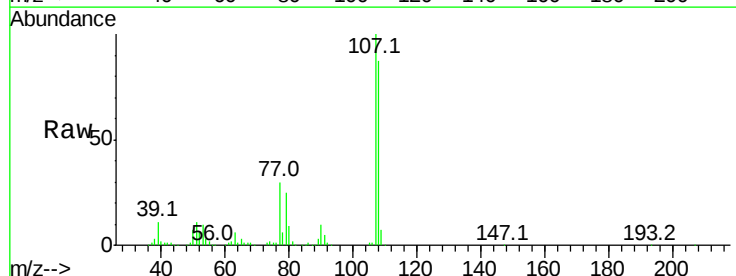
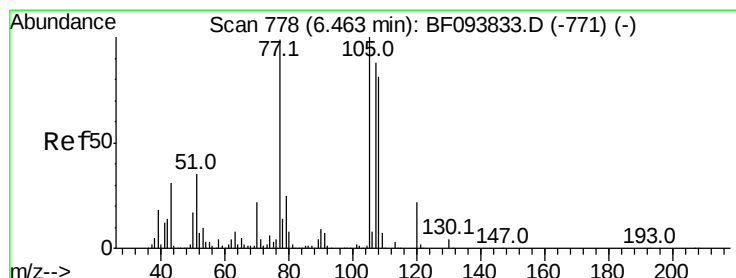
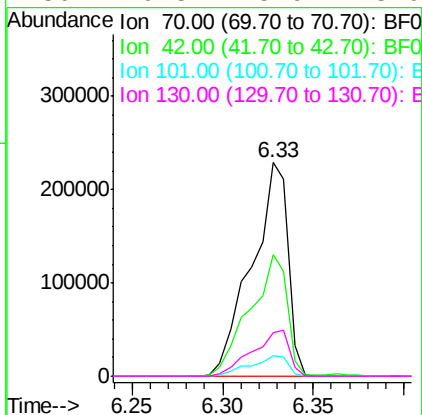




#19
n-Nitroso-di-n-propylamine
Concen: 41.78 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

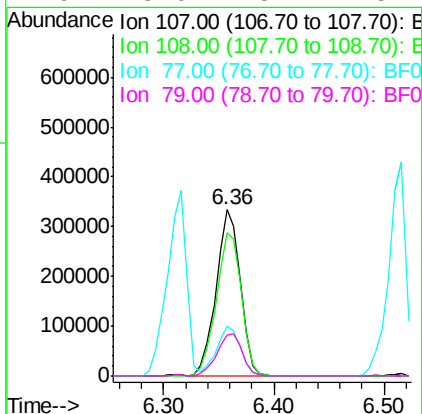
Instrument :
BNA_F
ClientSampleId :

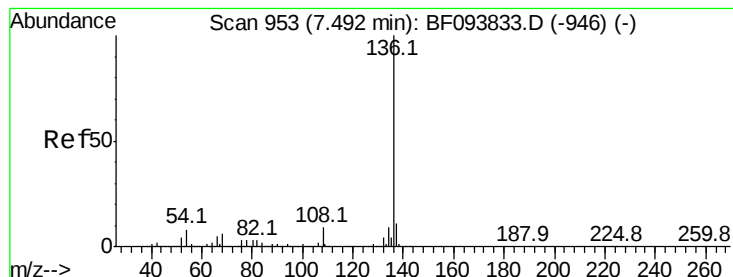
Tot Ion: 70	Resp: 318743
Ion Ratio	Lower Upper
70 100	
42 57.2	47.2 70.8
101 9.9	7.2 10.8
130 20.5	15.9 23.9



#20
3+4-Methylphenols
Concen: 46.30 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt	Ion:107	Resp:	506403
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.0	111.0
77	30.2	90.5	130.5#
79	25.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 646642

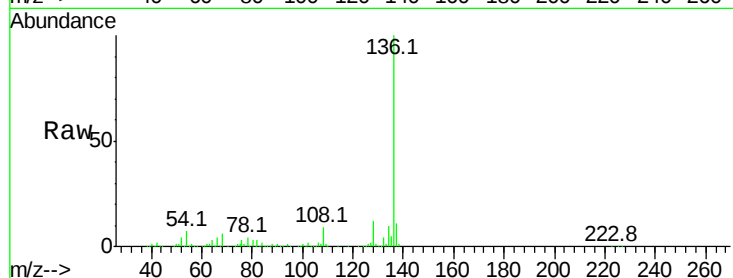
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

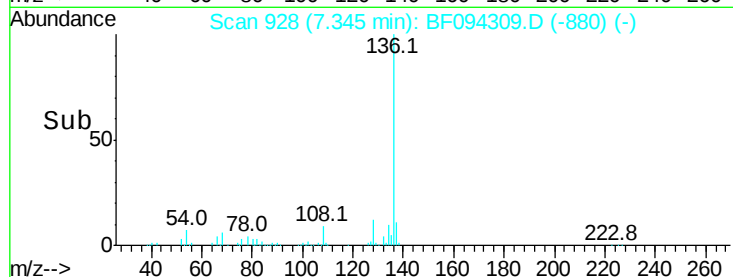


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance

800000

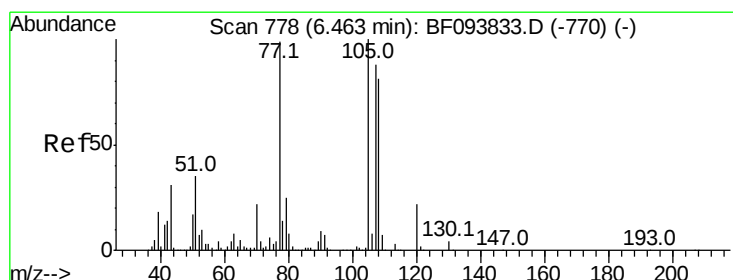
600000

400000

200000

0

Time-->



#22

Acetophenone

Concen: 42.86 ng

RT: 6.32 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:105 Resp: 617728

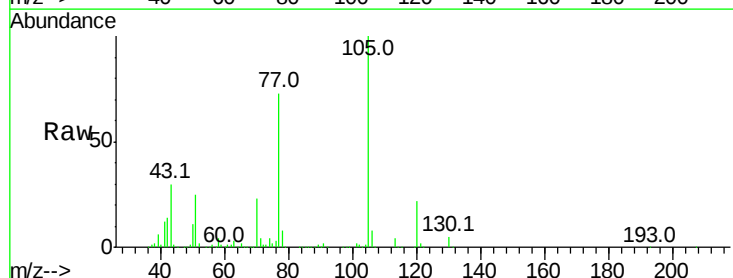
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 24.6 30.7 46.1#

120 21.6 17.4 26.0

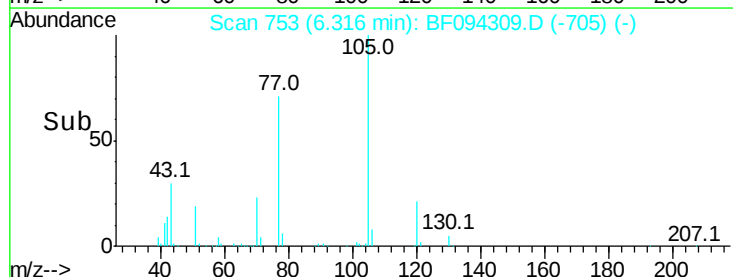


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Abundance

800000

600000

400000

200000

0

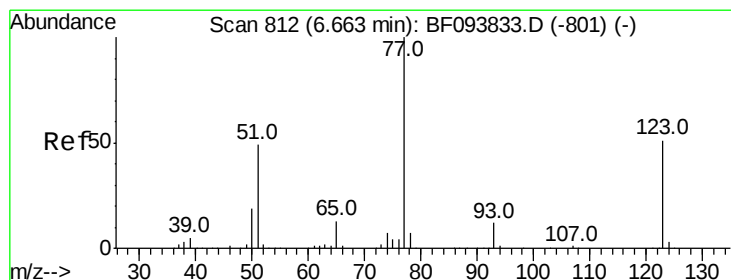
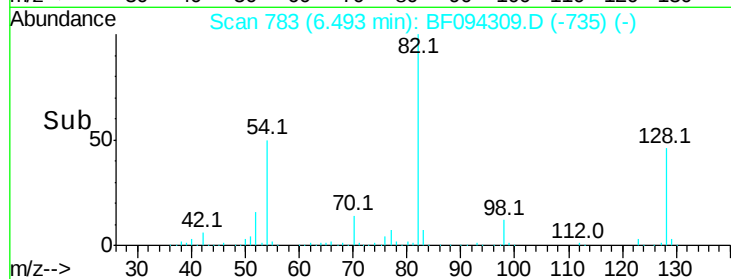
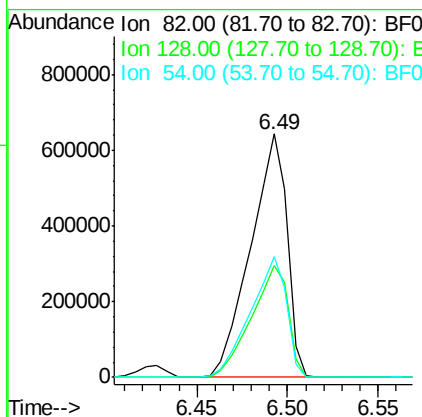
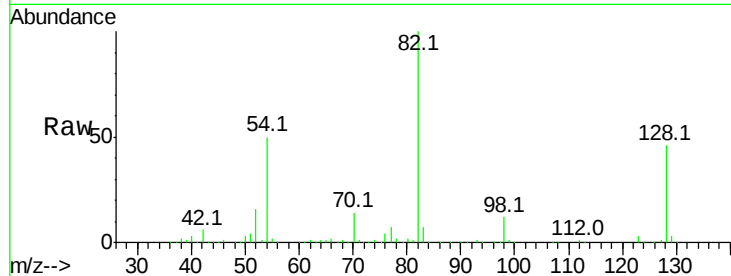
Time-->



#23
 Nitrobenzene-d5
 Concen: 79.18 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

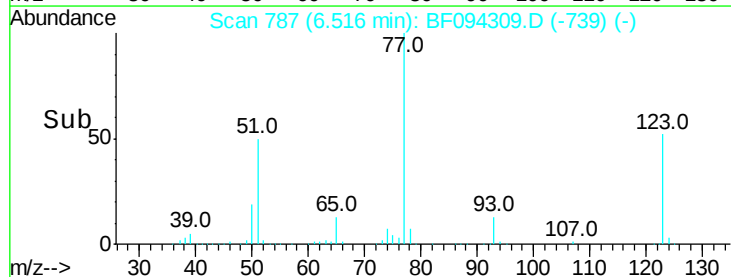
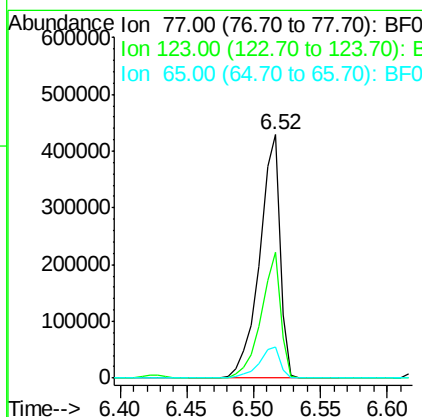
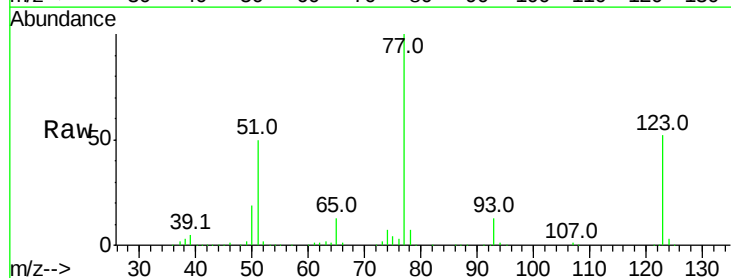
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	897213
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.0	51.0
54	49.6	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.37 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	77	Resp	451171
Ion Ratio	Lower	Upper	
77	100		
123	51.7	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 40.41 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

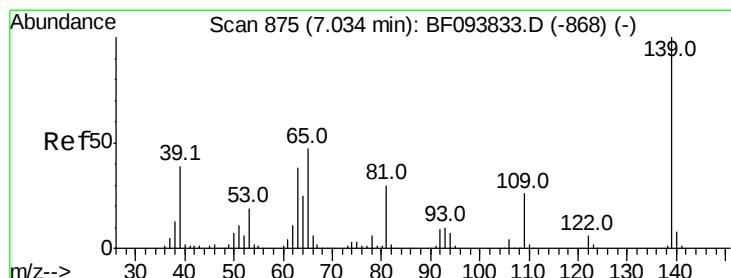
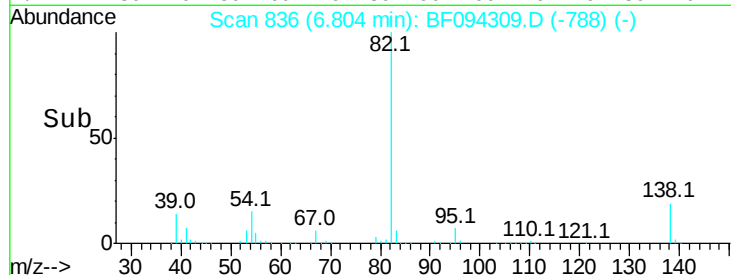
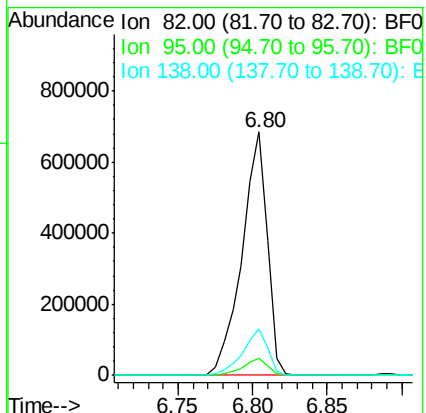
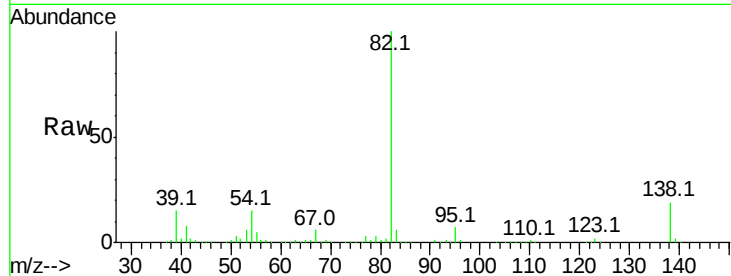
Tot Ion: 82 Resp: 804484

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 47.25 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

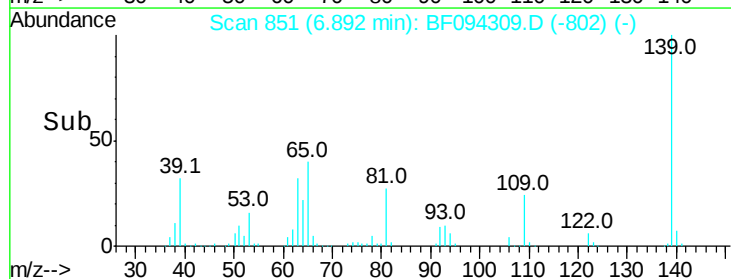
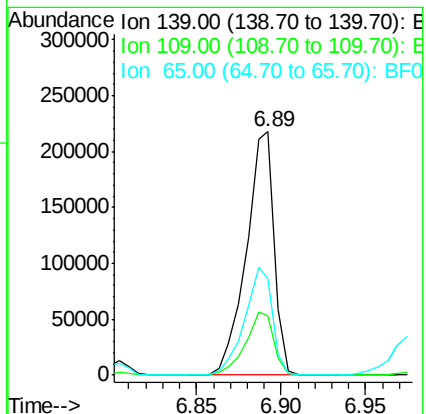
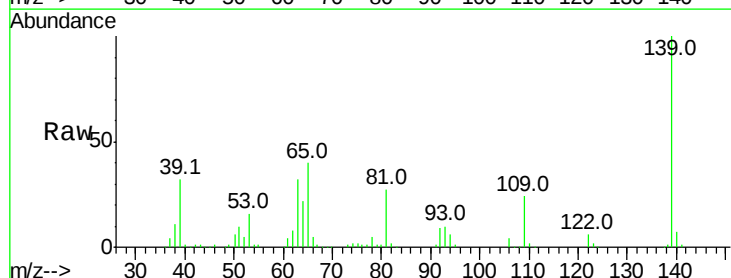
Tgt Ion:139 Resp: 251796

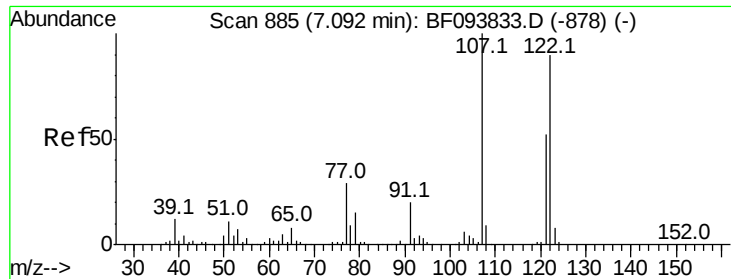
Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 39.7 33.0 49.6

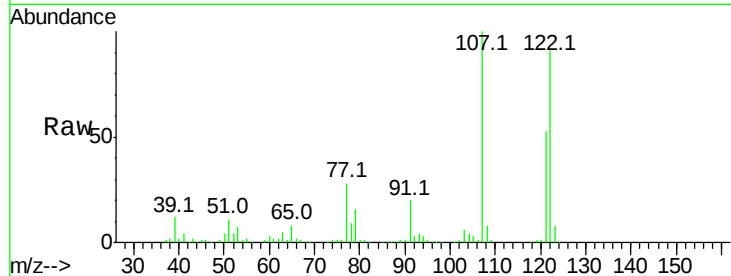




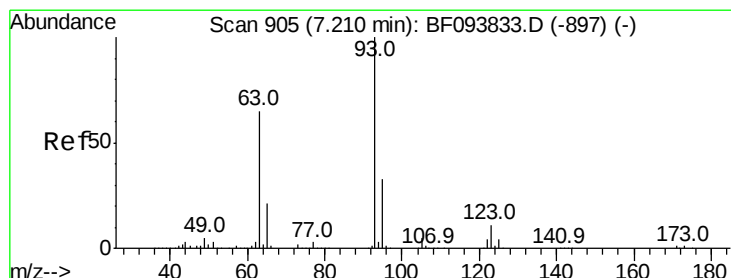
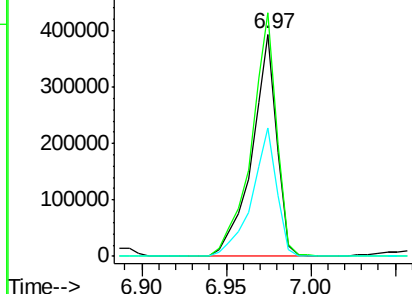
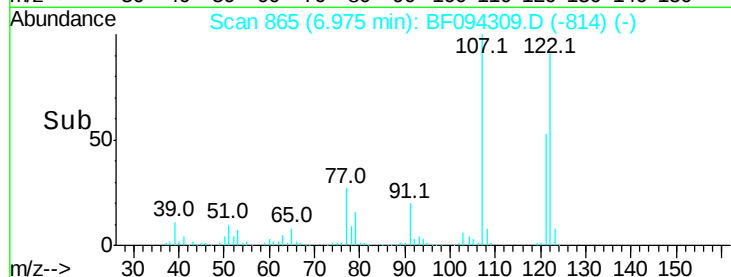
#27
 2,4-Dimethylphenol
 Concen: 44.10 ng
 RT: 6.97 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	89.2	133.8
121	58.0	45.2	67.8

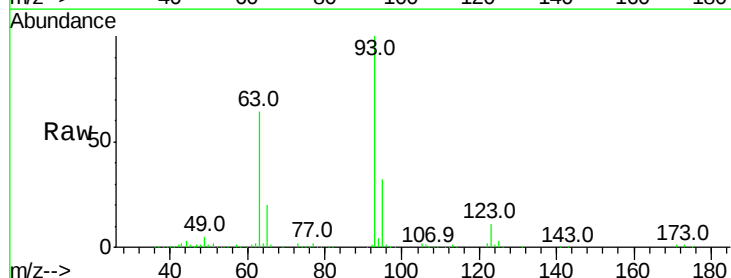


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

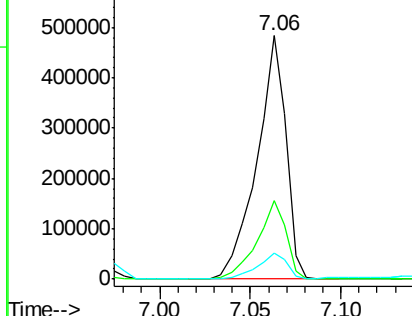
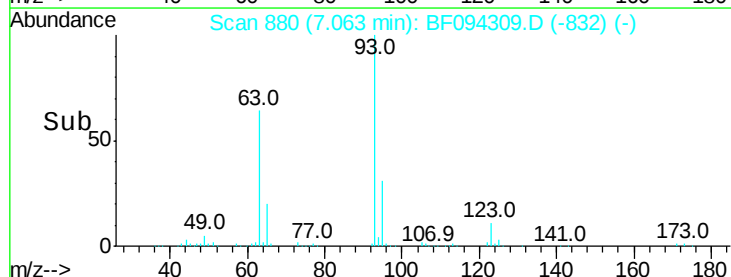


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.96 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	10.9	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

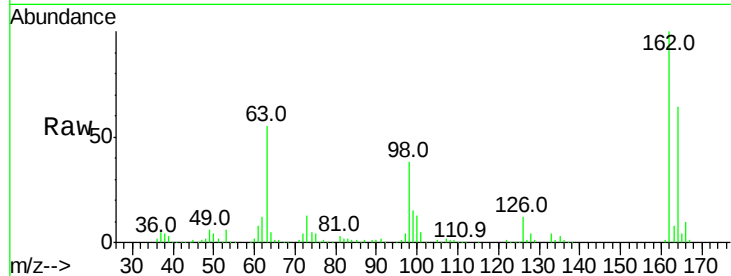




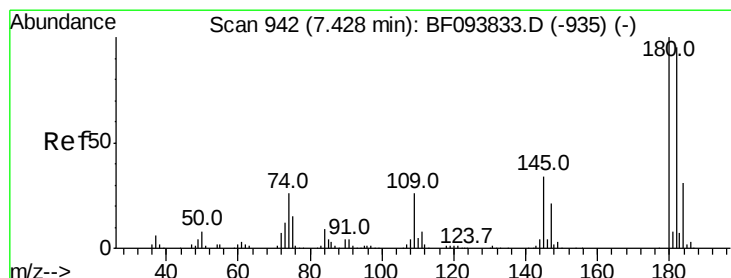
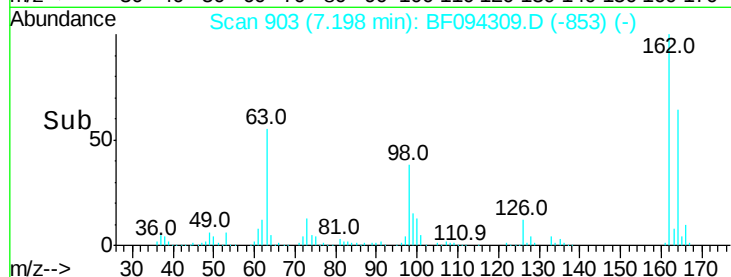
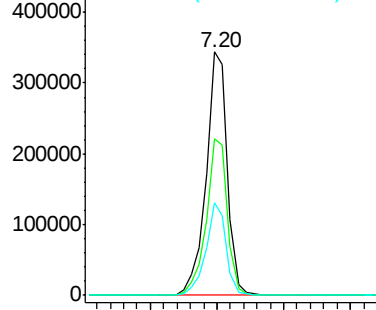
#29
 2,4-Dichlorophenol
 Concen: 44.33 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	38.2	14.8	54.8

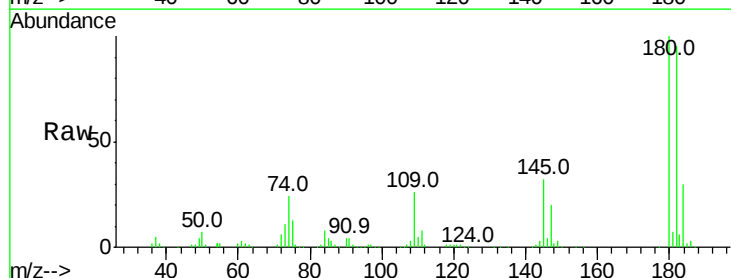


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

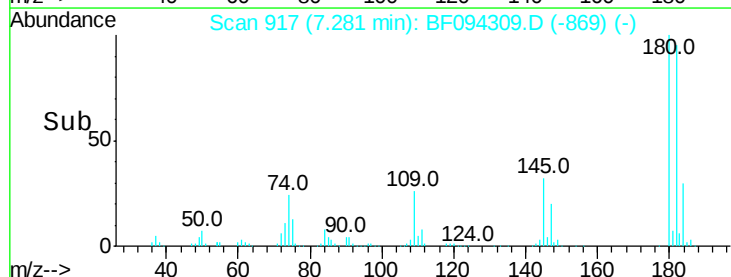
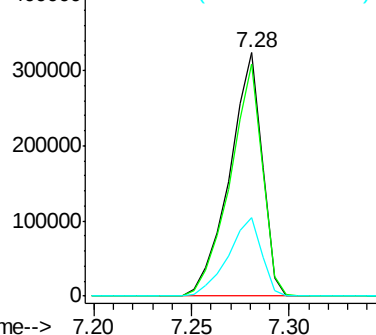


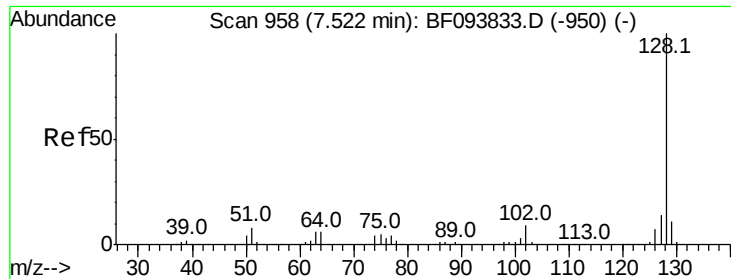
#30
 1,2,4-Trichlorobenzene
 Concen: 42.27 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	32.3	25.3	37.9



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

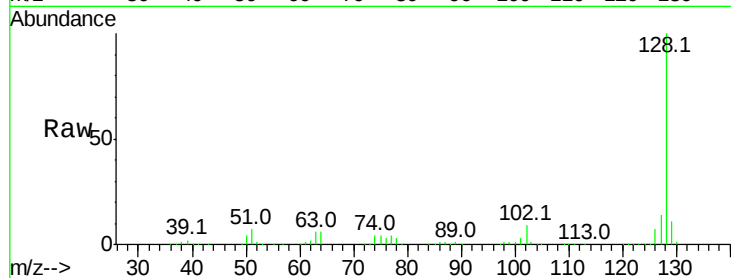




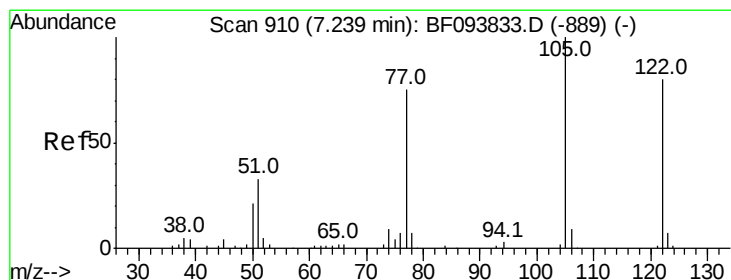
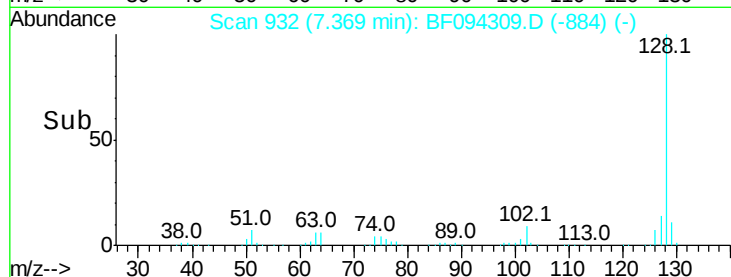
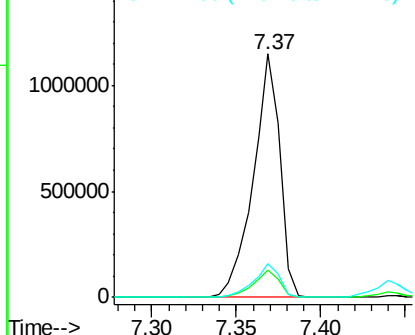
#31
Naphthalene
Concen: 40.36 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1254908
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

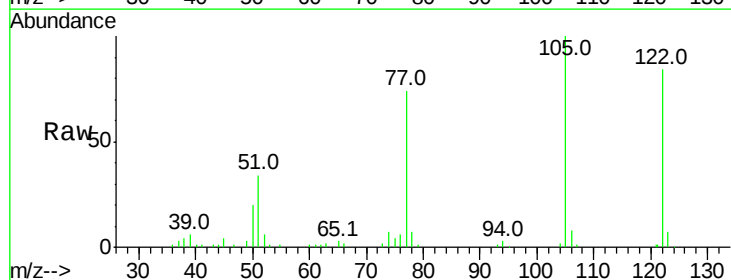


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

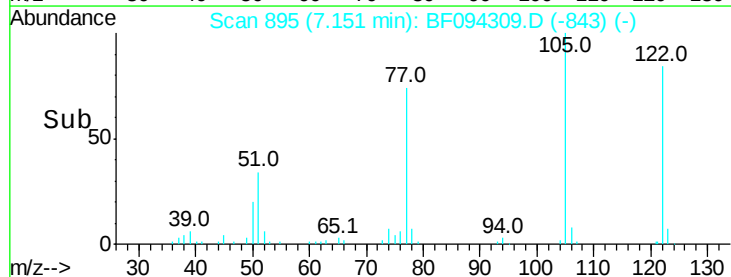
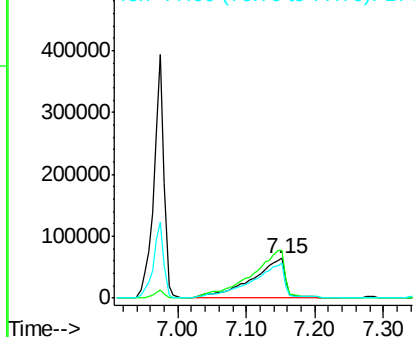


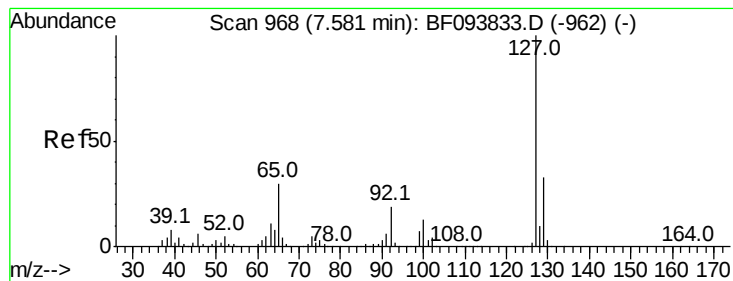
#32
Benzoic acid
Concen: 35.04 ng
RT: 7.15 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:122 Resp: 214194
Ion Ratio Lower Upper
122 100
105 119.7 103.3 143.3
77 88.7 73.7 113.7



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





#33

4-Chloroaniline

Concen: 8.80 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF094309.D

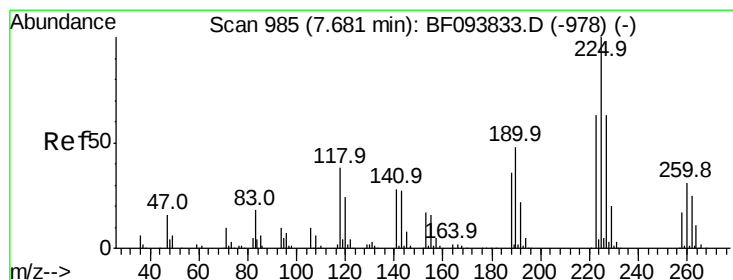
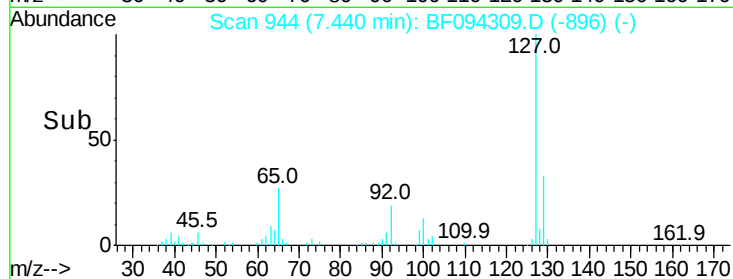
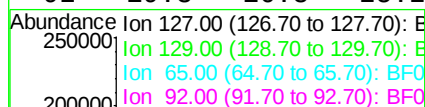
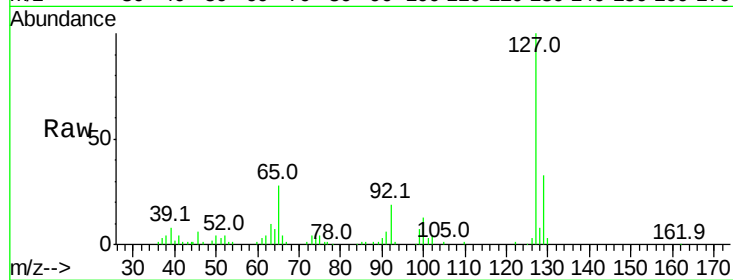
Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	110958
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	27.5	27.8	41.8#
92	19.3	16.8	25.2



#34

Hexachlorobutadiene

Concen: 41.86 ng

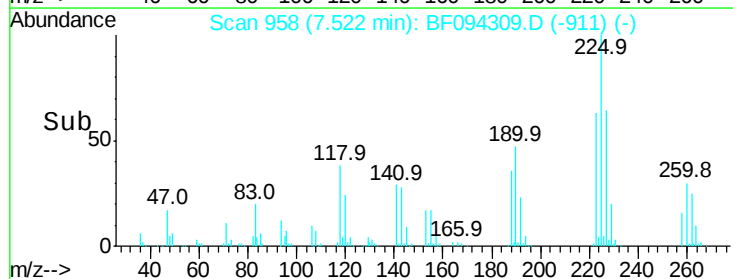
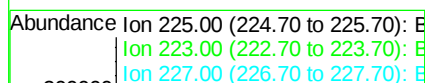
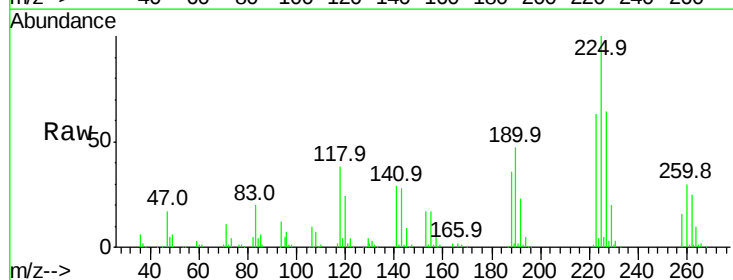
RT: 7.52 min Scan# 958

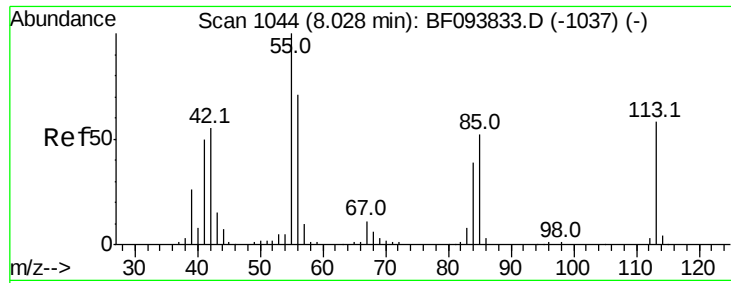
Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:	225	Resp:	189826
Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.8	73.2
227	63.8	51.1	76.7

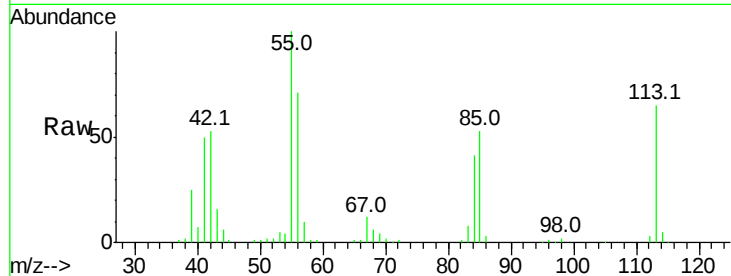




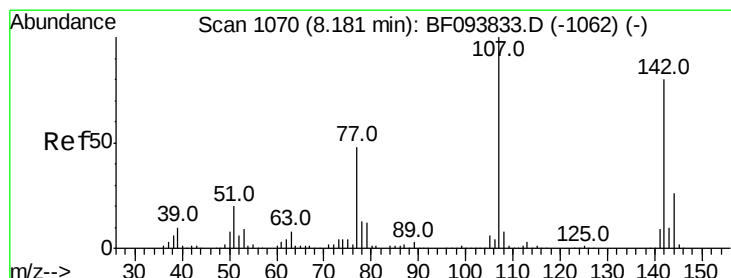
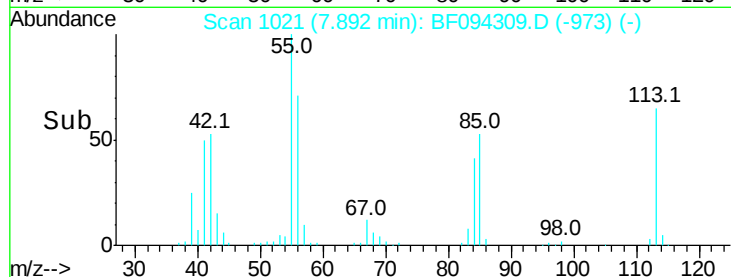
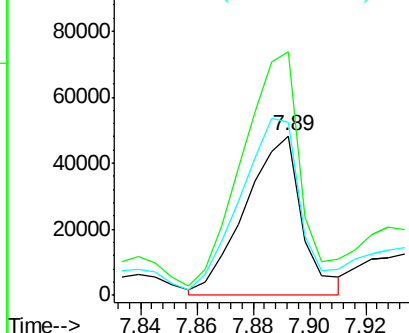
#35
 Caprolactam
 Concen: 24.76 ng
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 67805
 Ion Ratio Lower Upper
 113 100
 55 153.0 150.2 190.2
 56 108.7 107.8 147.8

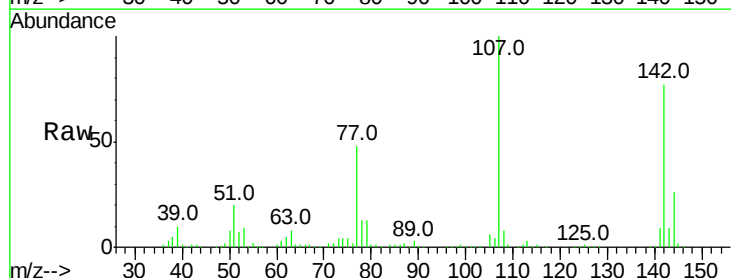


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

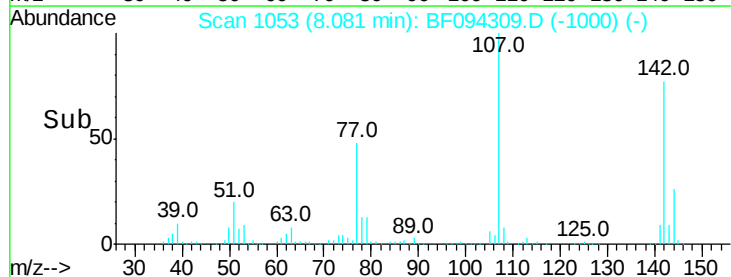
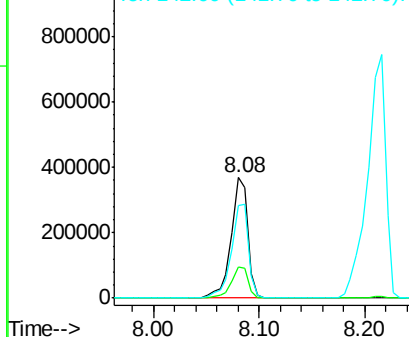


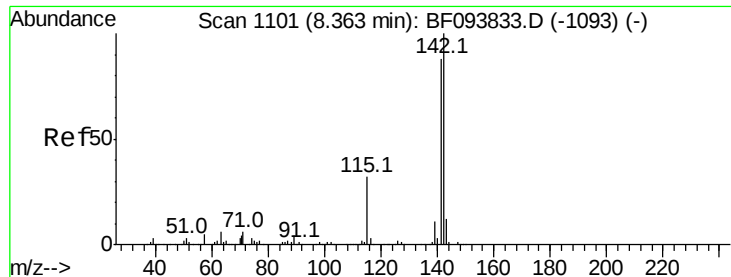
#36
 4-Chloro-3-methylphenol
 Concen: 44.53 ng
 RT: 8.08 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion:107 Resp: 399484
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 77.4 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: 42.87 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampled :

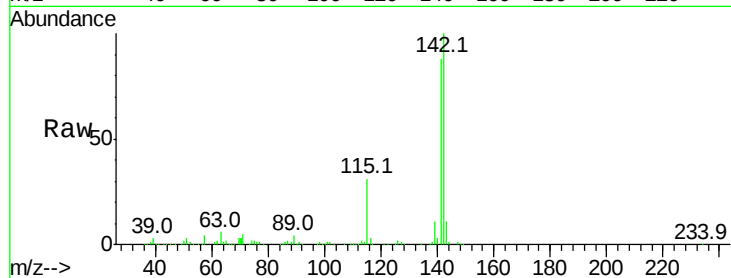
Tot Ion:142 Resp: 888605

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9

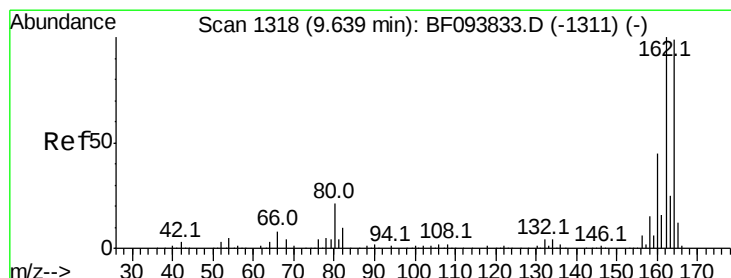
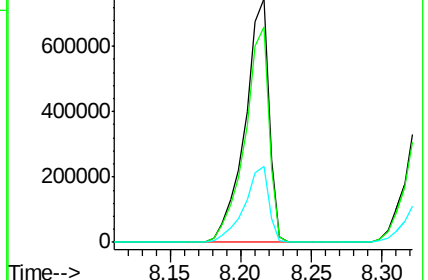
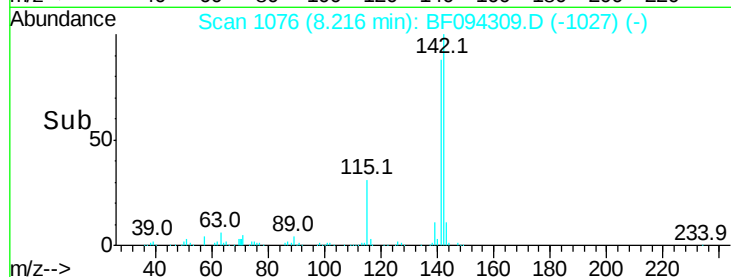
115 31.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

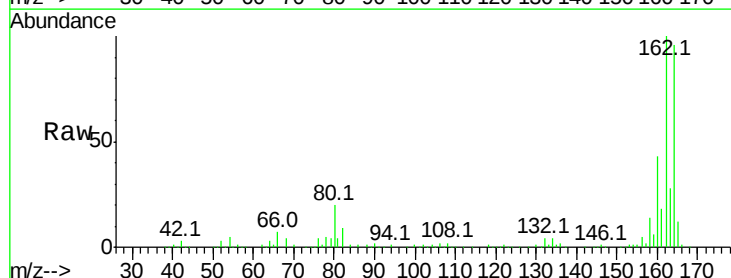
Tgt Ion:164 Resp: 293929

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

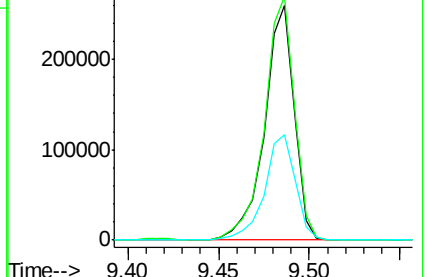
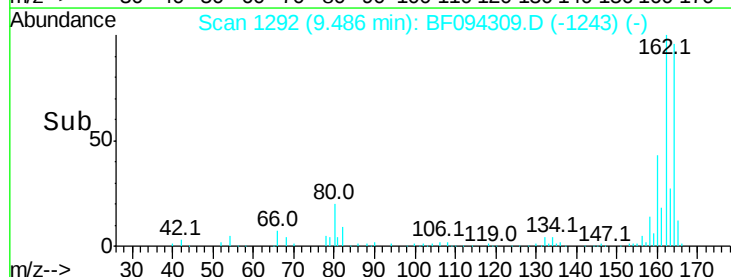
160 45.0 36.2 54.2

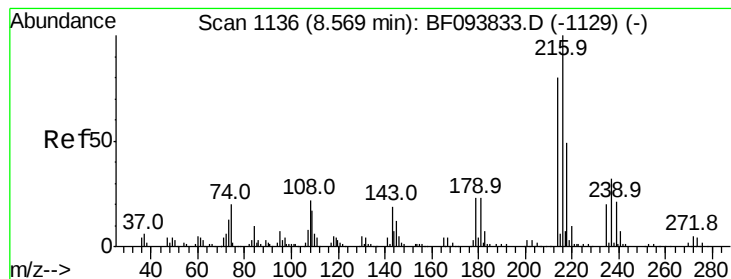


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.94 ng

RT: 8.42 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 329168

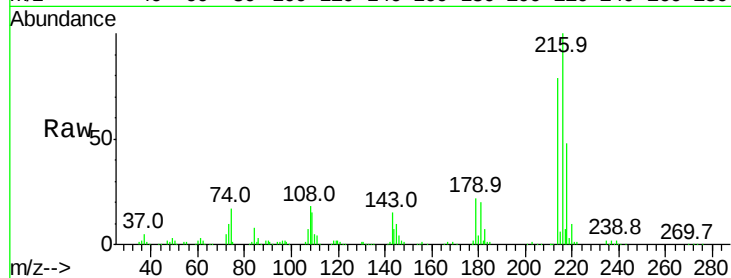
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 22.2 17.9 26.9

108 22.4 16.5 24.7

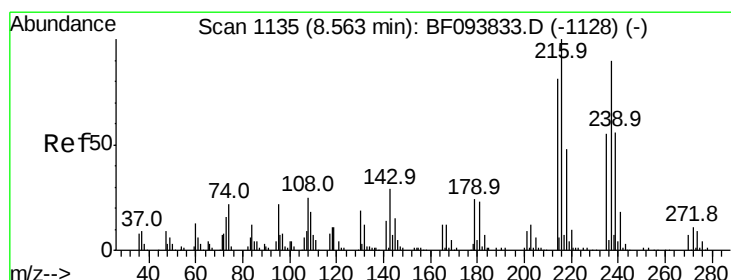
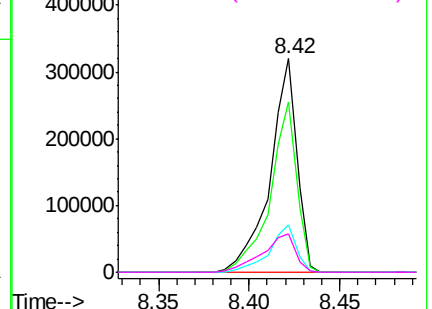
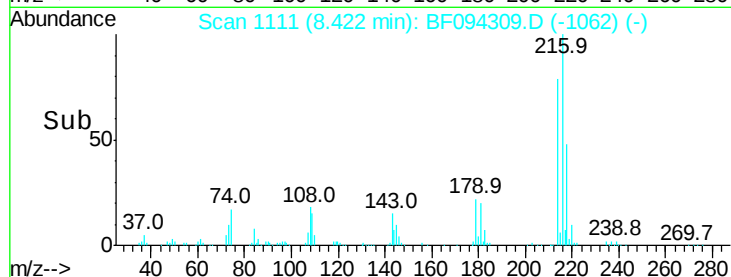


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.72 ng

RT: 8.41 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

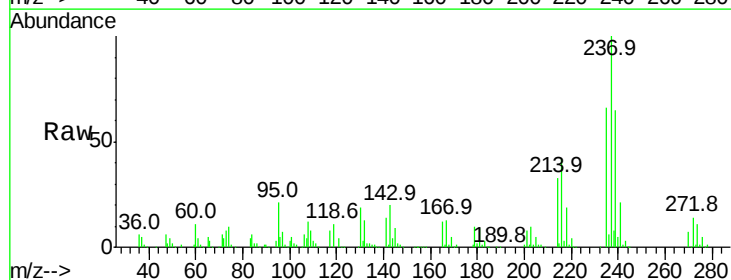
Tgt Ion:237 Resp: 322543

Ion Ratio Lower Upper

237 100

235 65.7 42.6 82.6

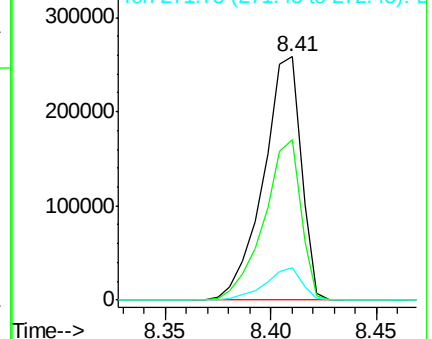
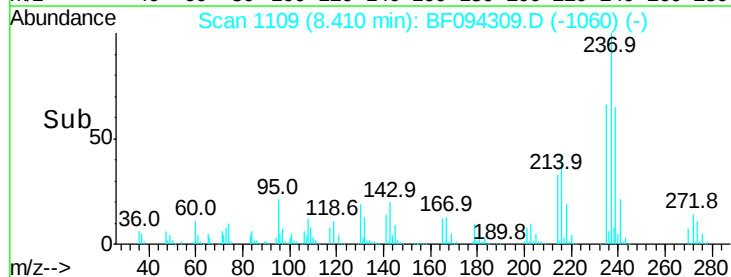
272 13.6 0.0 31.9

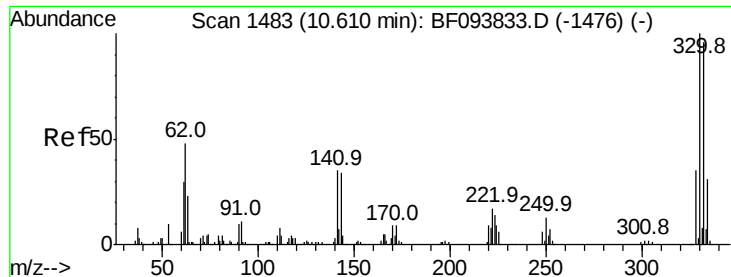


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

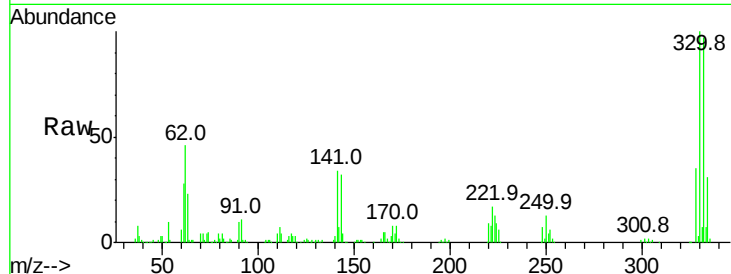




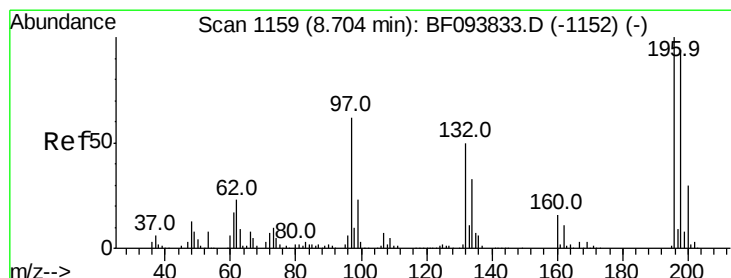
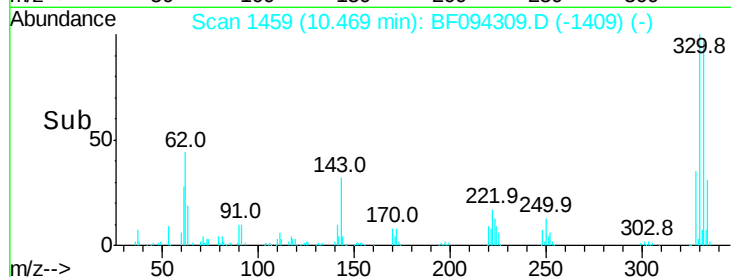
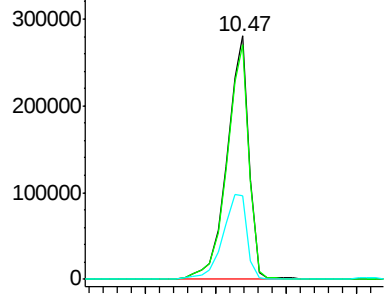
#41
 2,4,6-Tribromophenol
 Concen: 132.41 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 307545
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 38.8 31.4 47.2

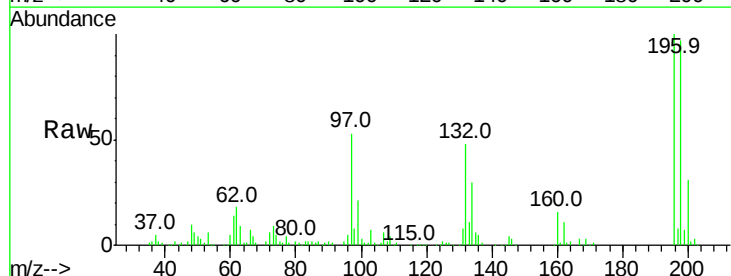


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

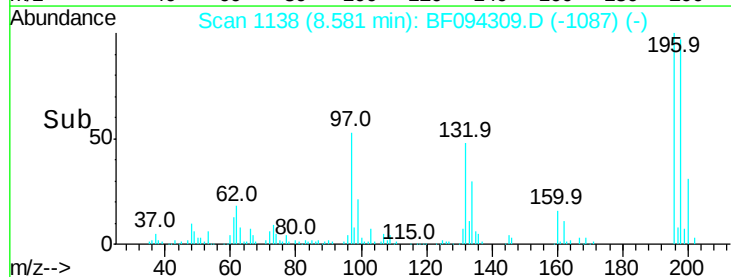
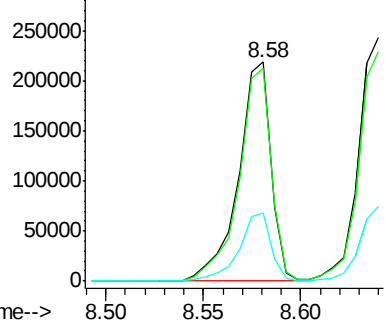


#42
 2,4,6-Trichlorophenol
 Concen: 44.72 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion:196 Resp: 254404
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.2 111.4
 200 31.0 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

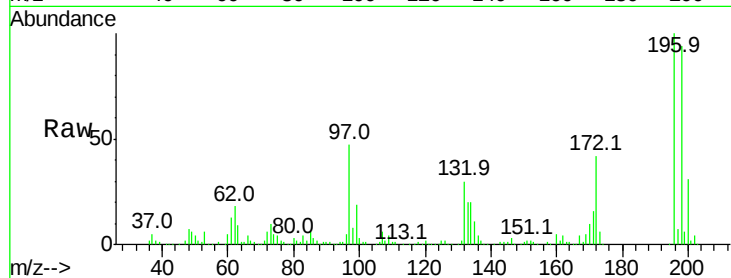




#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	258268		
198	94.1		75.7	113.5
97	47.1		47.7	71.5#
132	30.1		28.0	42.0



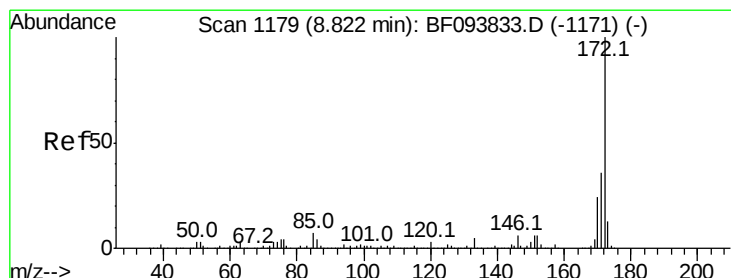
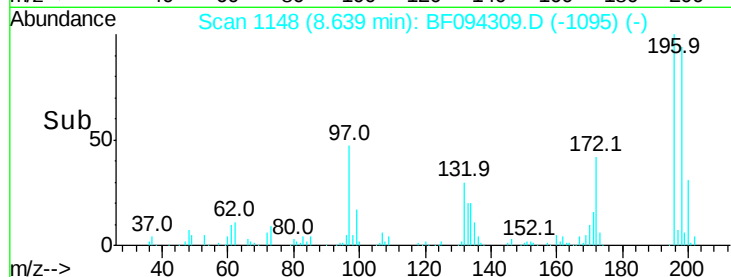
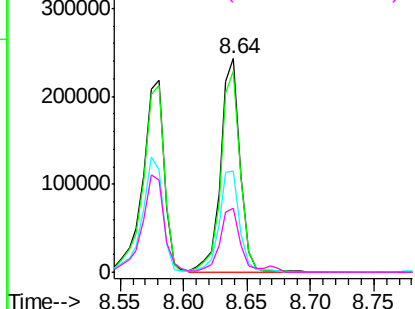
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

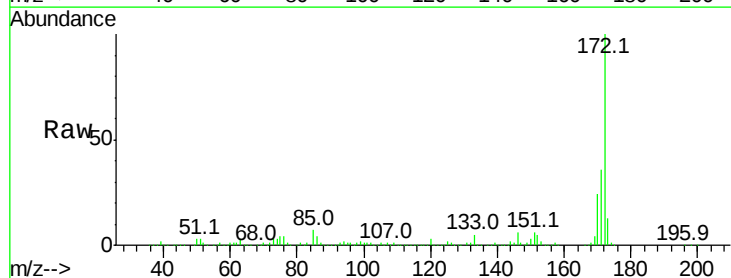
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.89 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1655241		
171	35.5		29.6	44.4
170	23.5		19.8	29.8

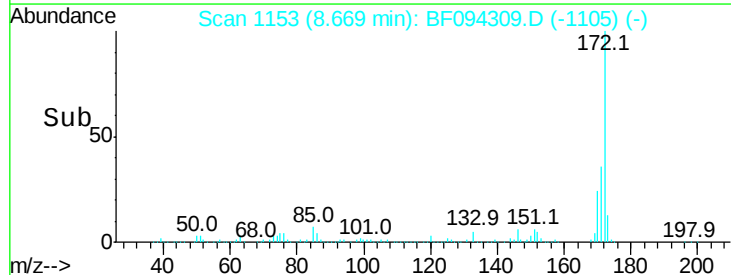
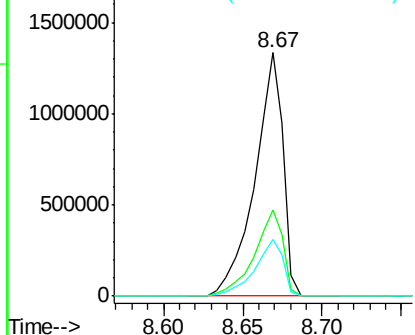


Abundance

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: 41.95 ng

RT: 8.79 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

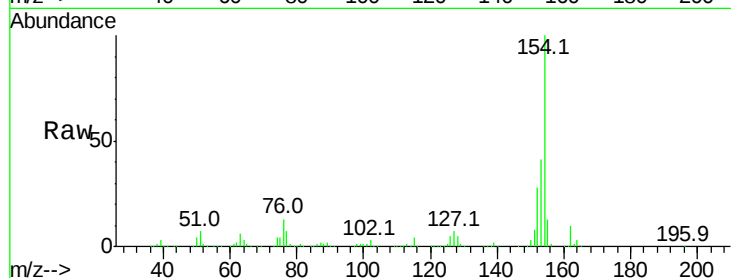
Tot Ion:154 Resp: 994614

Ion Ratio Lower Upper

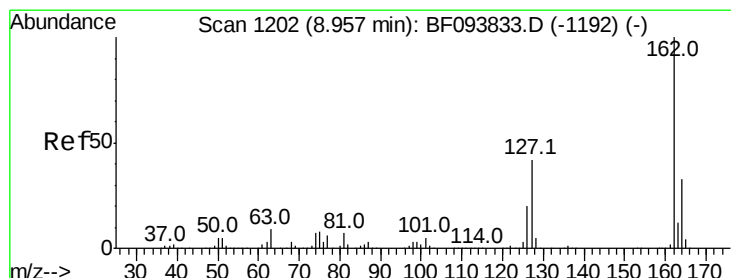
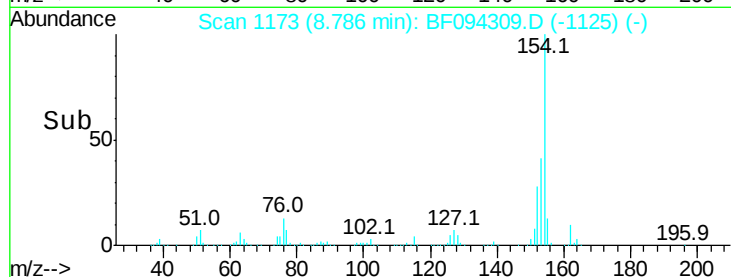
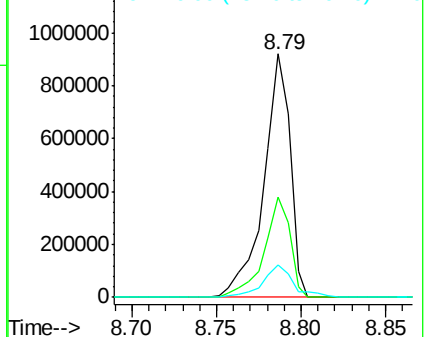
154 100

153 41.0 21.2 61.2

76 13.4 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 42.29 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

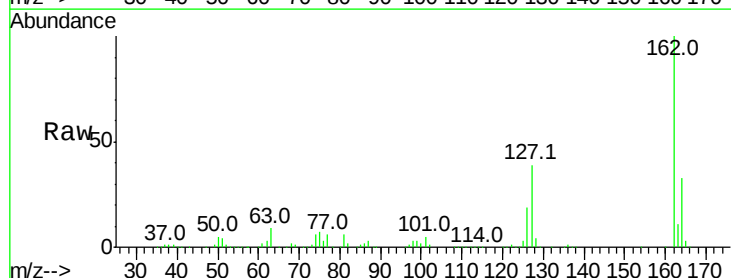
Tgt Ion:162 Resp: 784916

Ion Ratio Lower Upper

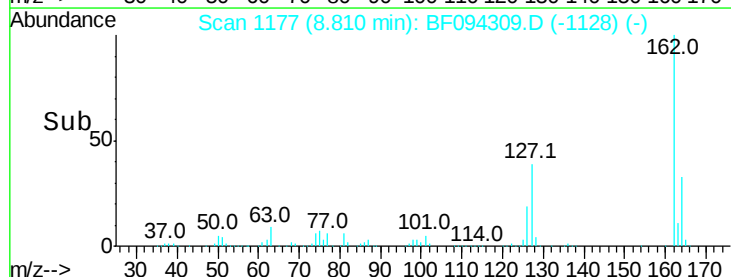
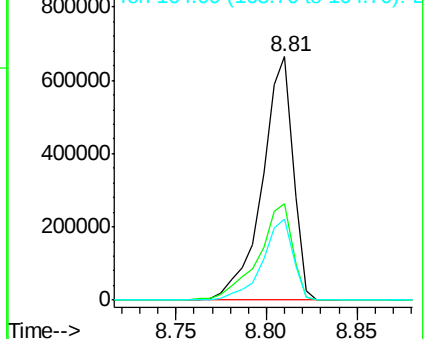
162 100

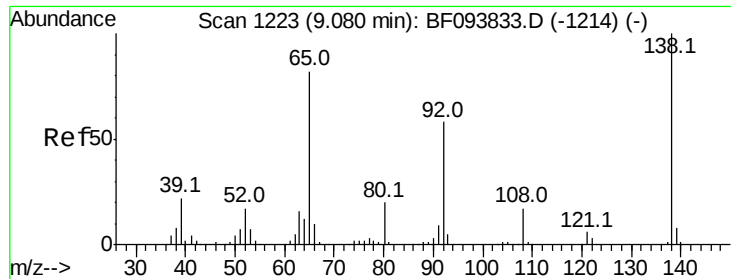
127 39.4 28.3 42.5

164 33.3 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

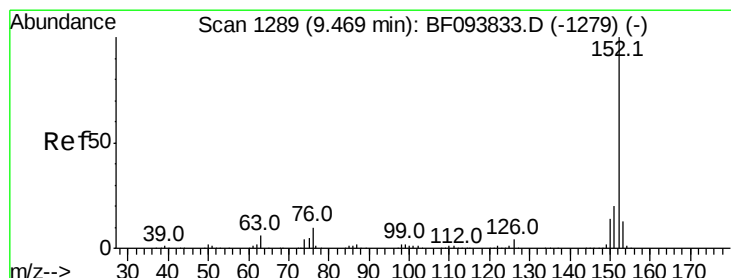
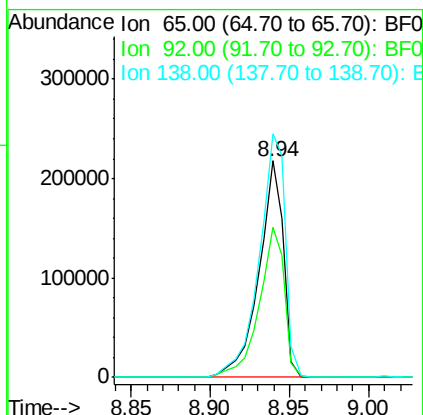
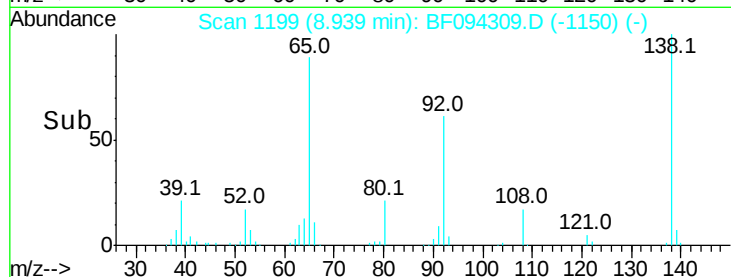
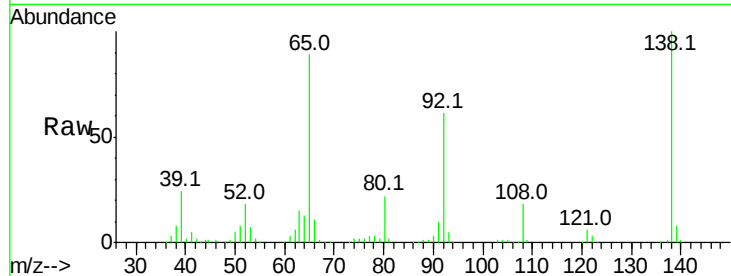




#47
2-Nitroaniline
Concen: 42.86 ng
RT: 8.94 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

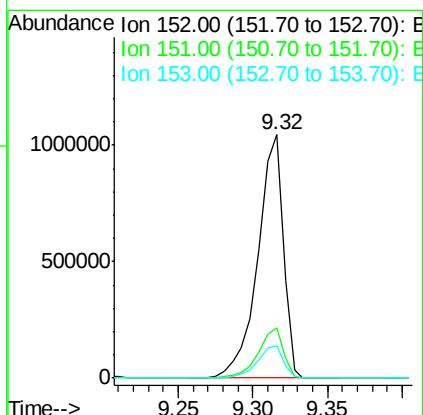
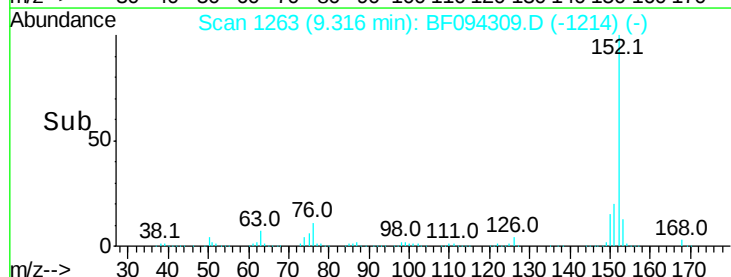
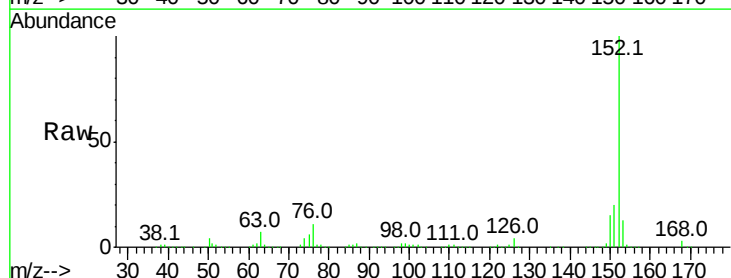
Instrument :
BNA_F
ClientSampleId :

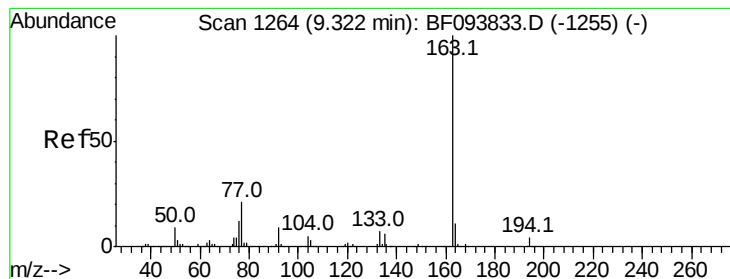
Tot Ion: 65 Resp: 235962
Ion Ratio Lower Upper
65 100
92 69.1 53.9 80.9
138 112.4 78.8 118.2



#48
Acenaphthylene
Concen: 39.79 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:152 Resp: 1227270
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 44.62 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

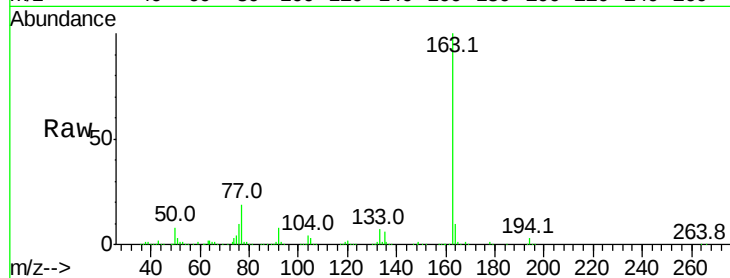
Tot Ion:163 Resp: 932194

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

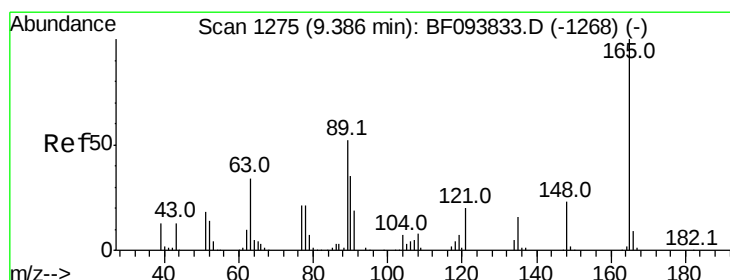
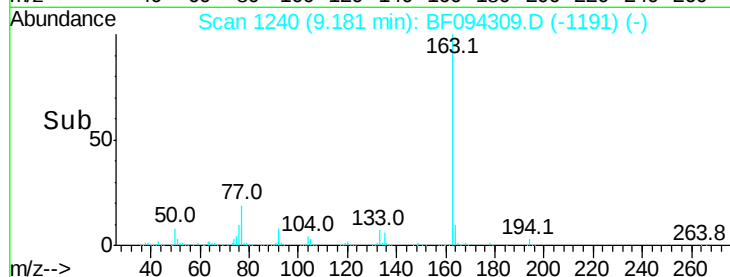
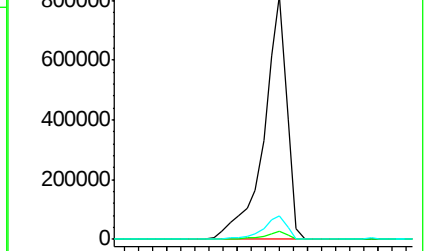
164 9.8 8.4 12.6



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: 43.33 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

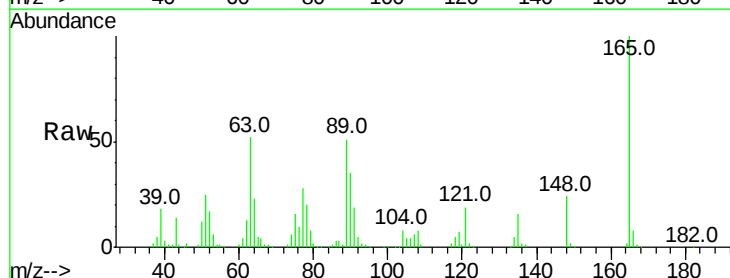
Tgt Ion:165 Resp: 207535

Ion Ratio Lower Upper

165 100

63 51.6 34.3 51.5#

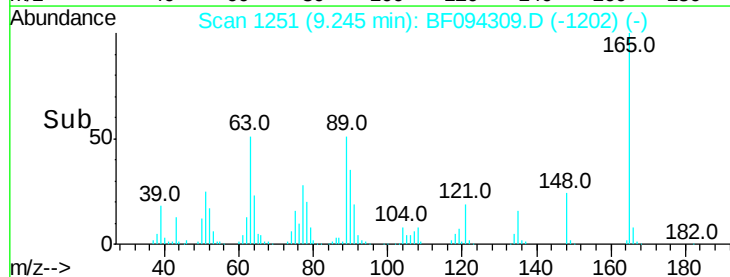
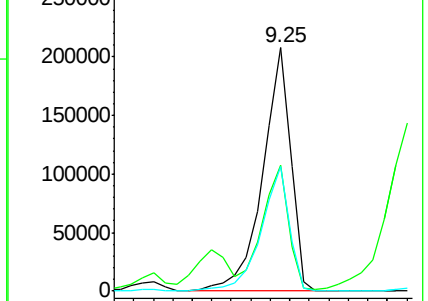
89 51.3 37.1 55.7

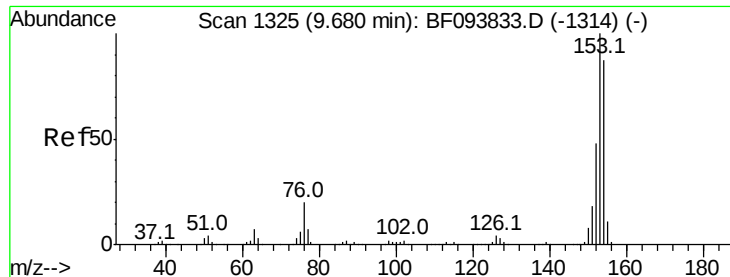


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.62 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

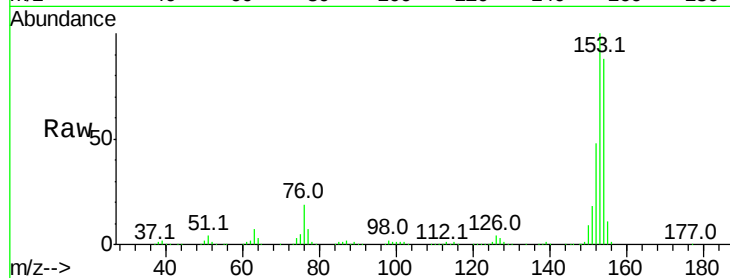
Tot Ion:154 Resp: 731092

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

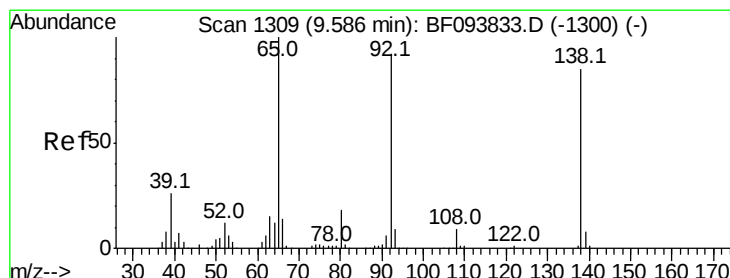
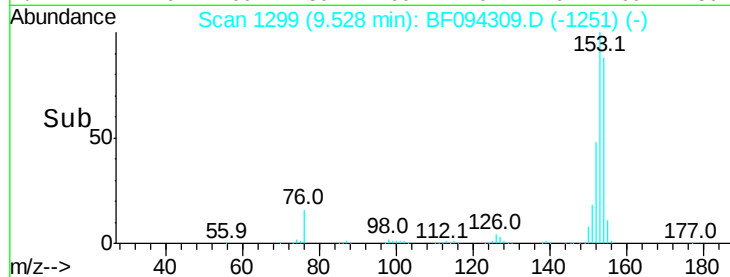
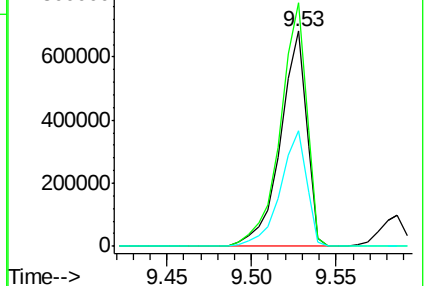
152 53.9 43.6 65.4



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: 14.54 ng

RT: 9.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

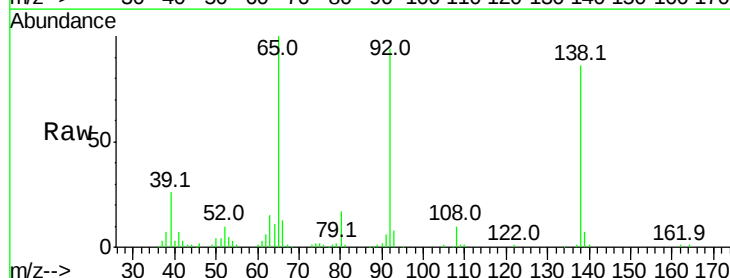
Tgt Ion:138 Resp: 81750

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

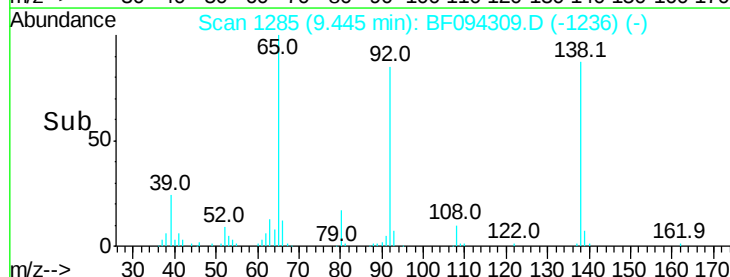
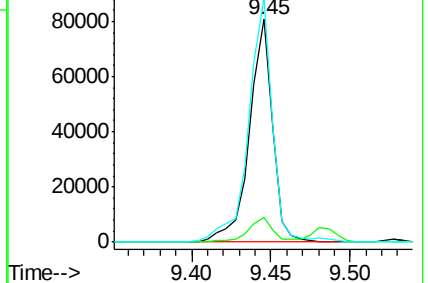
92 109.3 93.8 140.6

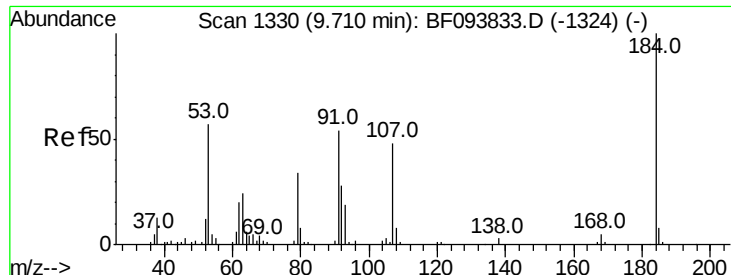


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

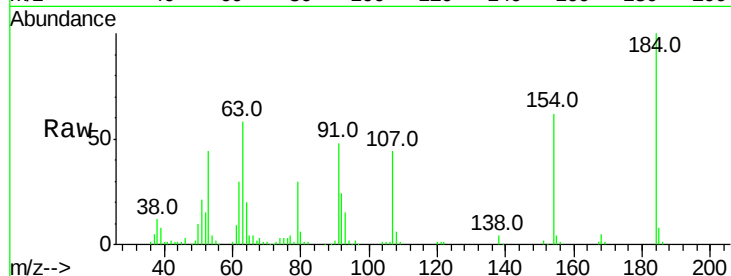




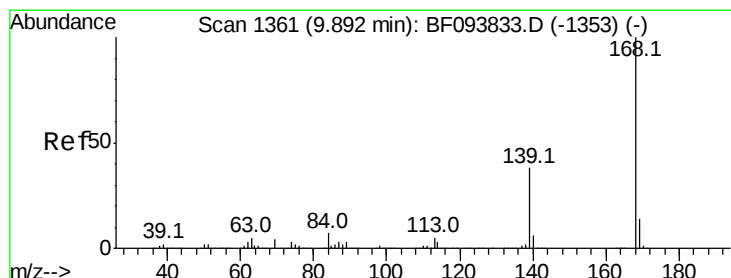
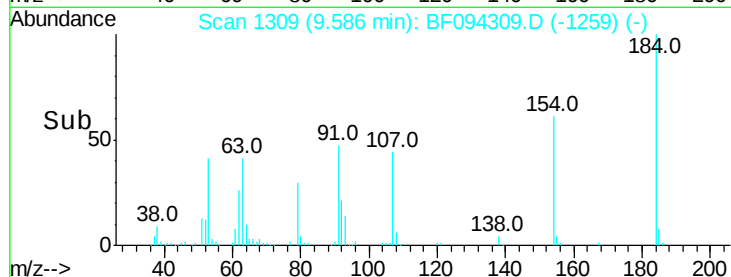
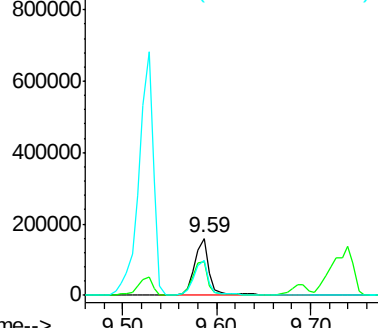
#53
2,4-Dinitrophenol
Concen: 71.35 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 181508
Ion Ratio Lower Upper
184 100
63 58.2 62.7 94.1#
154 62.0 81.1 121.7#

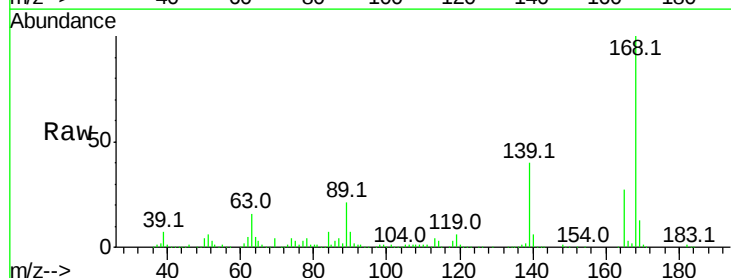


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

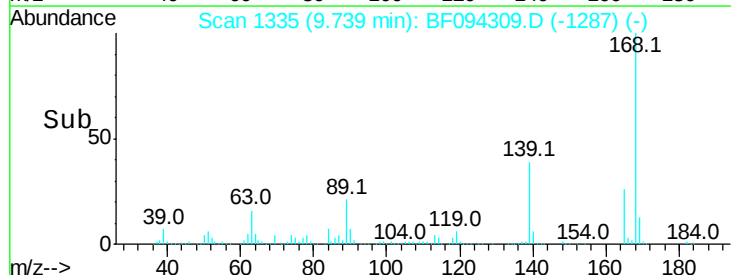
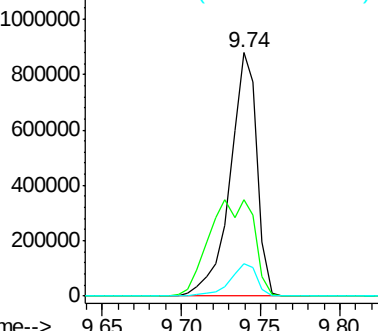


#54
Dibenzofuran
Concen: 42.42 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:168 Resp: 1039317
Ion Ratio Lower Upper
168 100
139 39.6 30.6 45.8
169 13.3 10.8 16.2



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





#55

4-Nitrophenol

Concen: 158.72 ng

RT: 9.73 min Scan# 1333

Delta R.T. 0.04 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampled :

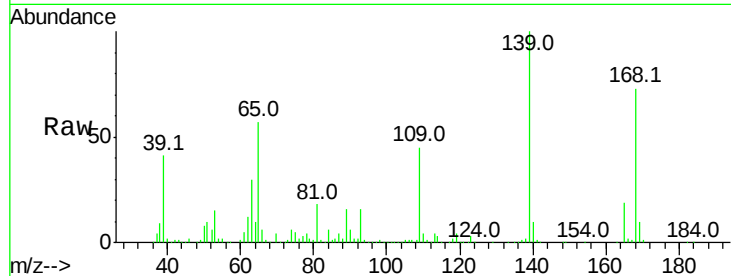
Tot Ion:139 Resp: 699066

Ion Ratio Lower Upper

139 100

109 45.0 34.1 74.1

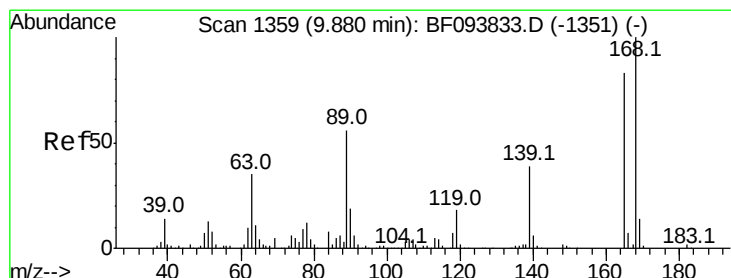
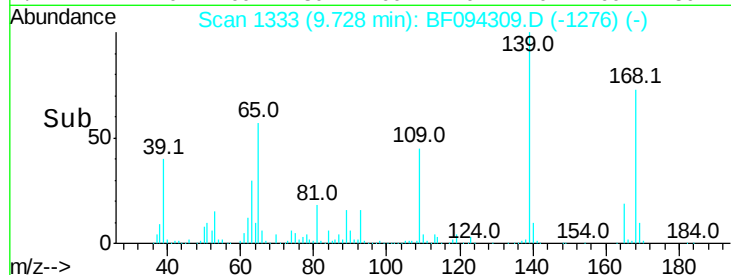
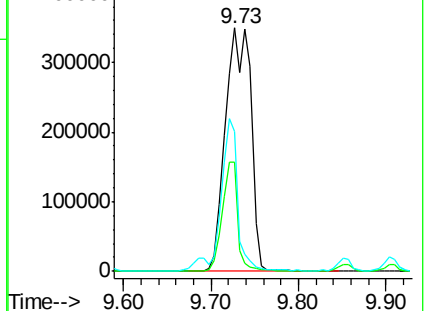
65 57.4 31.4 71.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.16 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:165 Resp: 247658

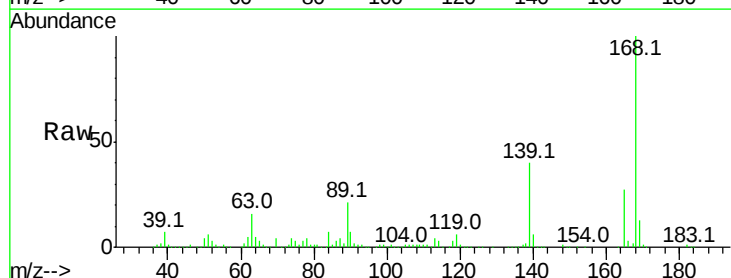
Ion Ratio Lower Upper

165 100

63 58.8 25.4 38.0#

89 77.6 46.4 69.6#

182 2.4 1.8 2.6

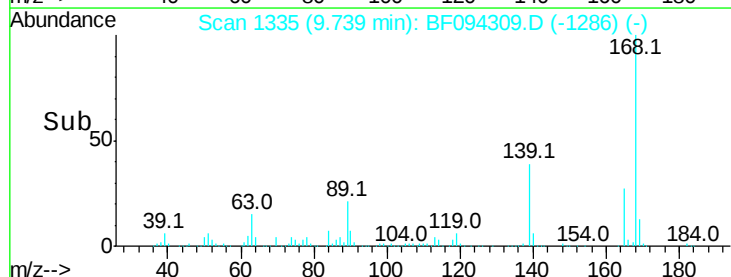
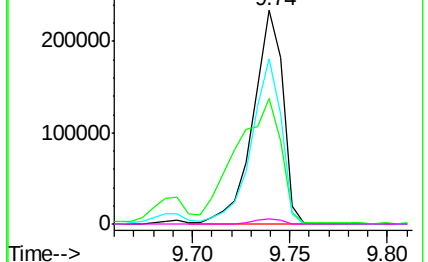


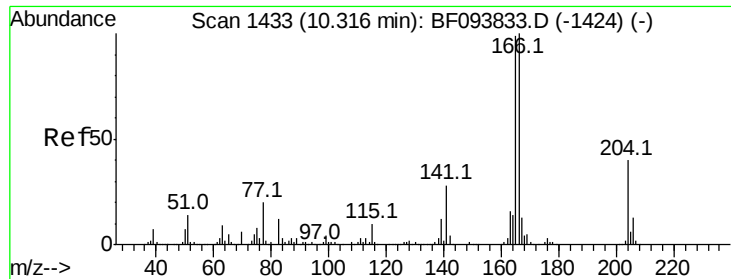
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

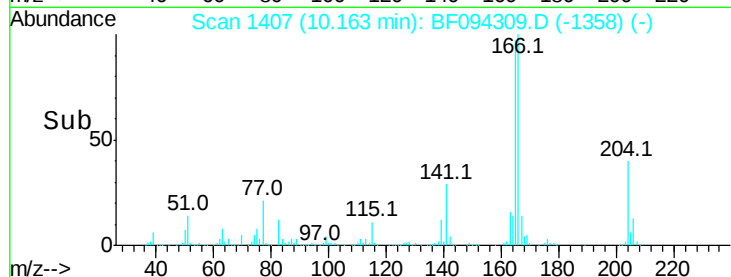
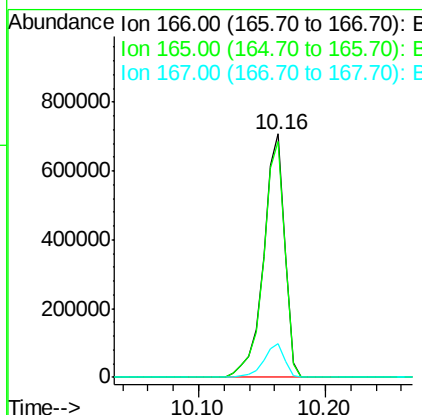
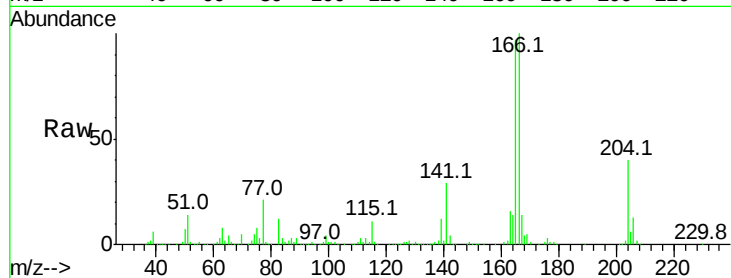




#57
Fluorene
 Concen: 40.25 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

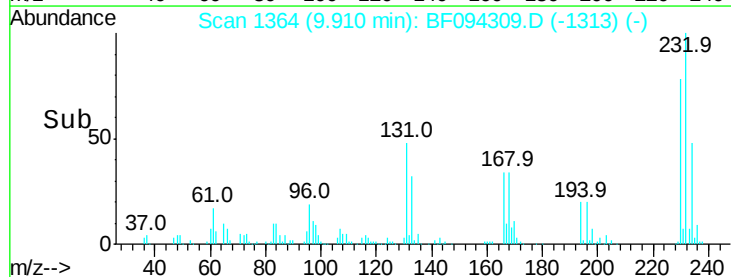
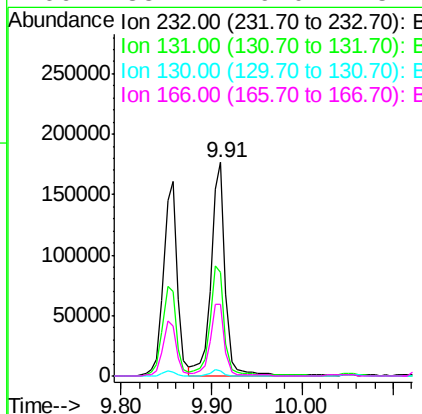
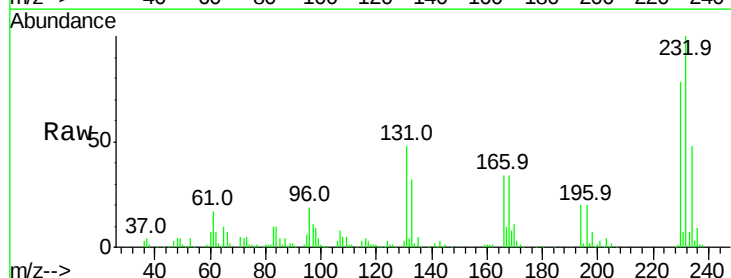
Instrument :
 BNA_F
 ClientSampleId :

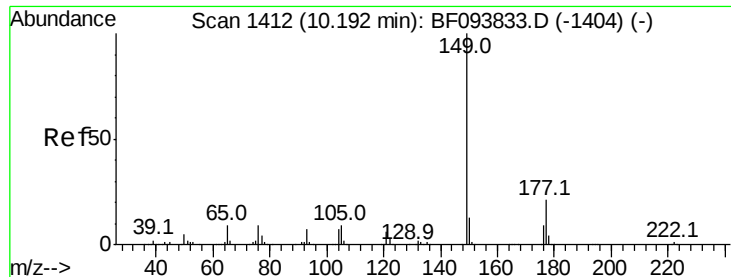
Tot Ion:166 Resp: 817763
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.8 118.2
 167 13.8 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.70 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion:232 Resp: 193023
 Ion Ratio Lower Upper
 232 100
 131 52.1 44.8 67.2
 130 2.5 2.3 3.5
 166 35.7 29.0 43.4

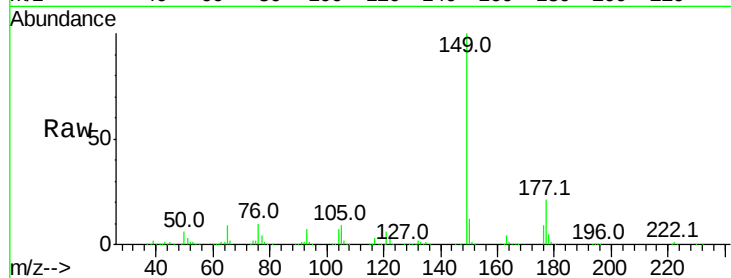




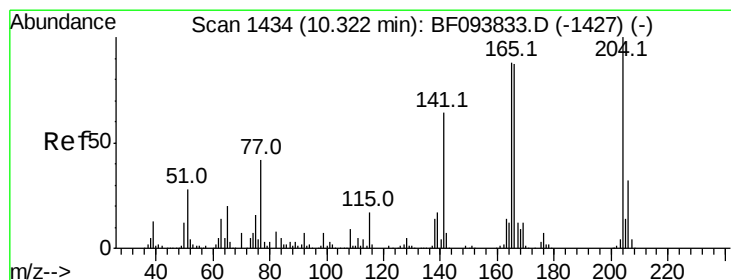
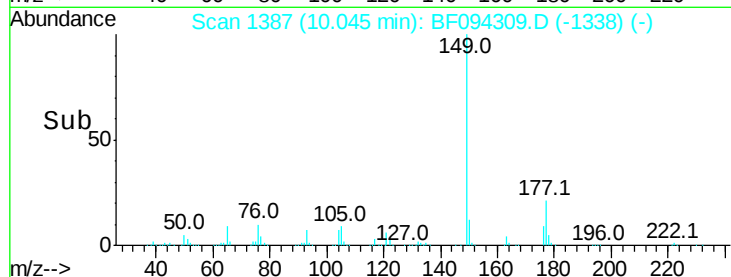
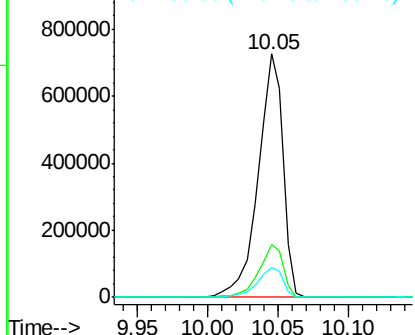
#59
Diethylphthalate
Concen: 43.50 ng
RT: 10.05 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 898228
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.3 10.2 15.2

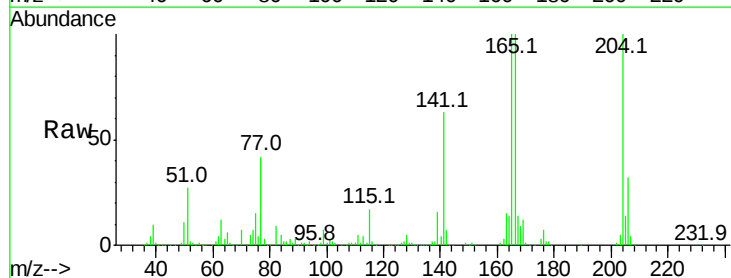


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

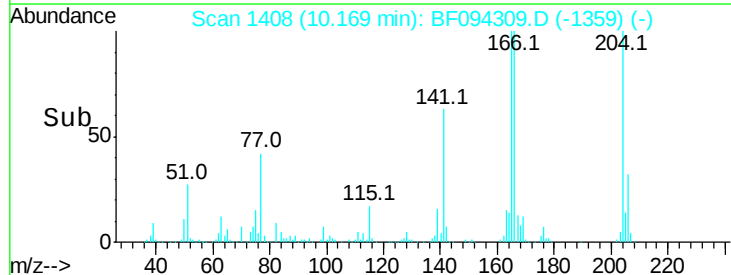
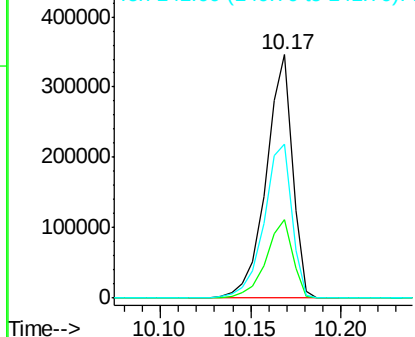


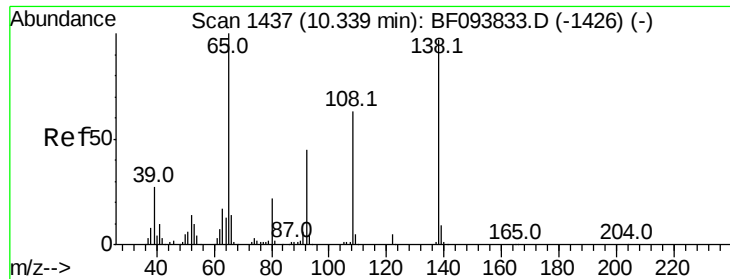
#60
4-Chlorophenyl-phenylether
Concen: 40.34 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:204 Resp: 349118
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 63.4 60.8 91.2



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

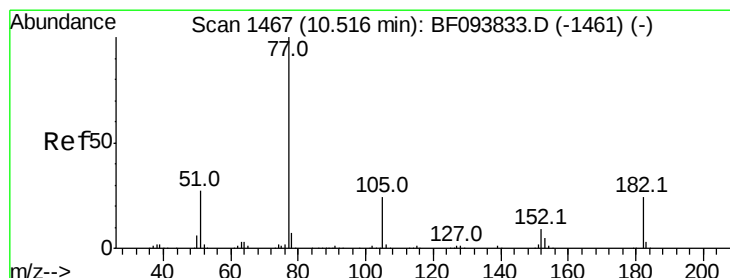
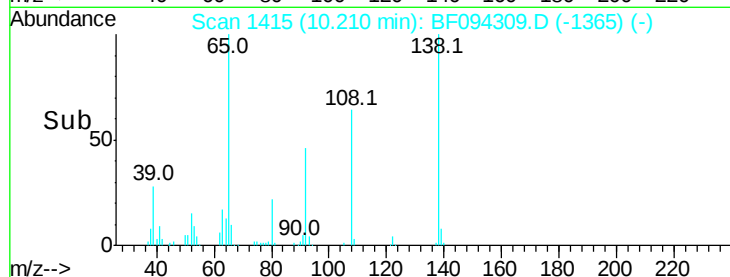
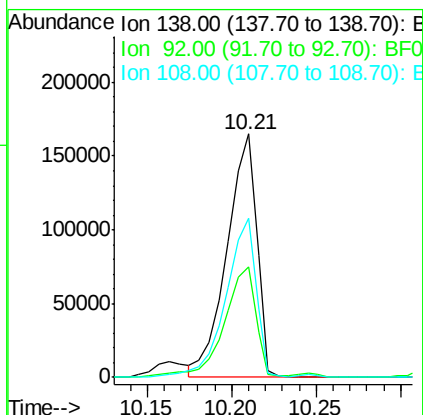
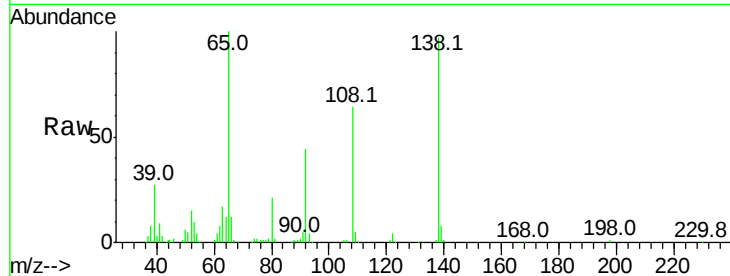




#61
4-Nitroaniline
Concen: 37.60 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

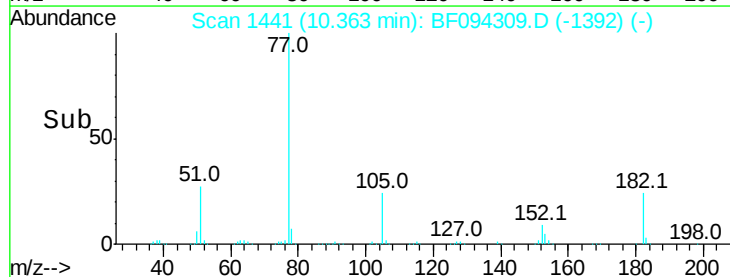
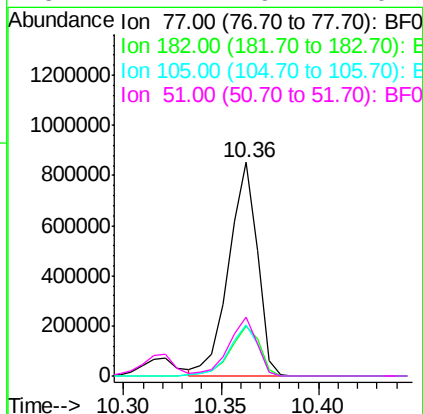
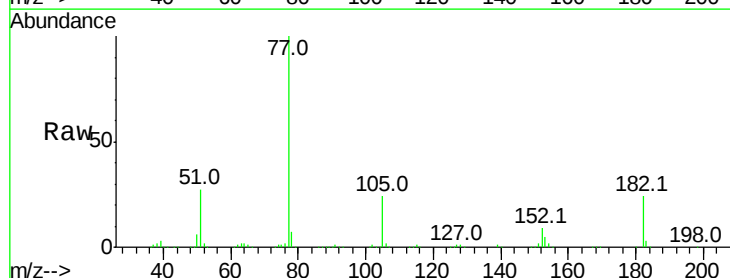
Instrument :
BNA_F
ClientSampled :

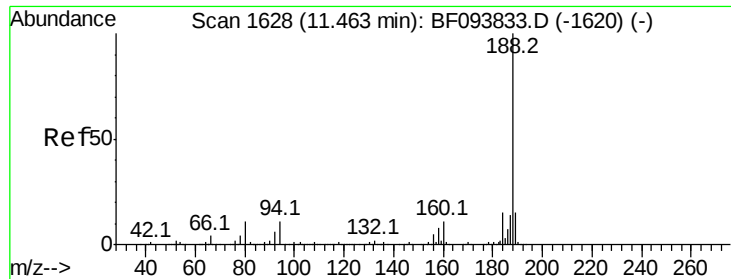
Tot Ion:138 Resp: 202924
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 65.3 42.3 82.3



#62
Azobenzene
Concen: 44.25 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion: 77 Resp: 864332
Ion Ratio Lower Upper
77 100
182 23.7 0.1 40.1
105 24.1 3.6 43.6
51 27.4 9.4 49.4

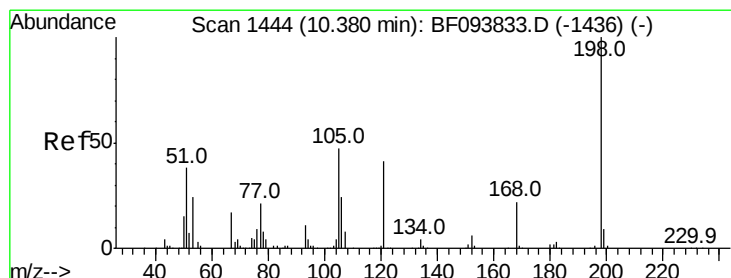
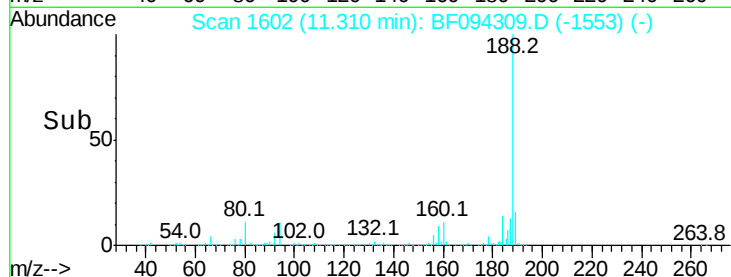
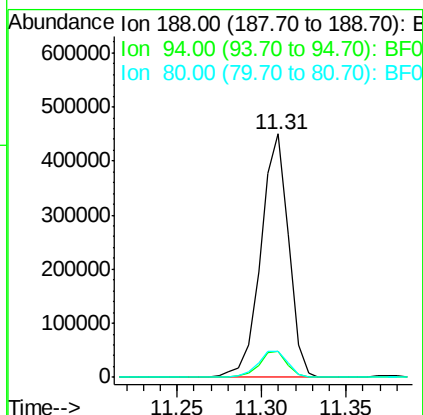
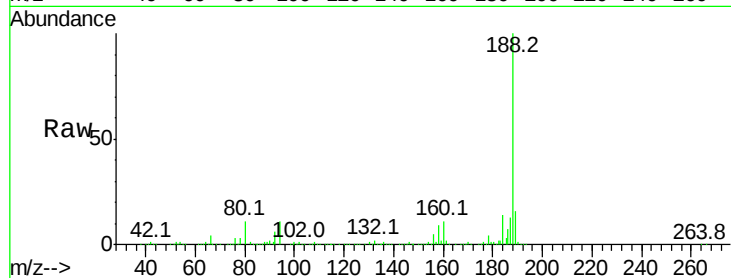




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

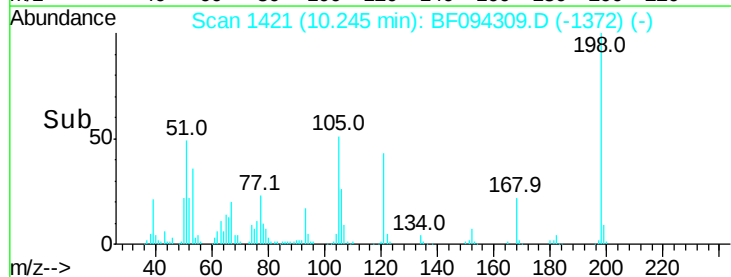
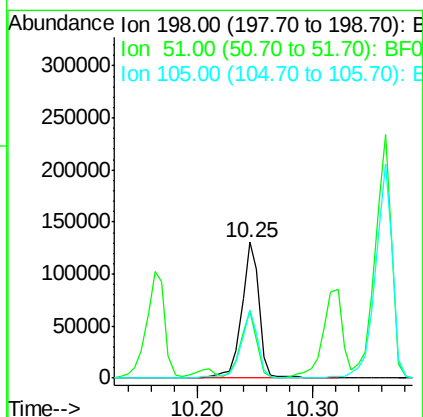
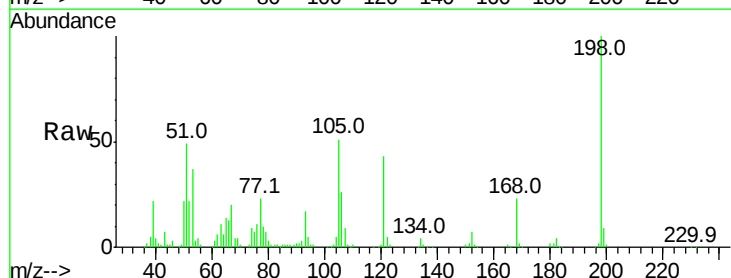
Instrument :
BNA_F
ClientSampleId :

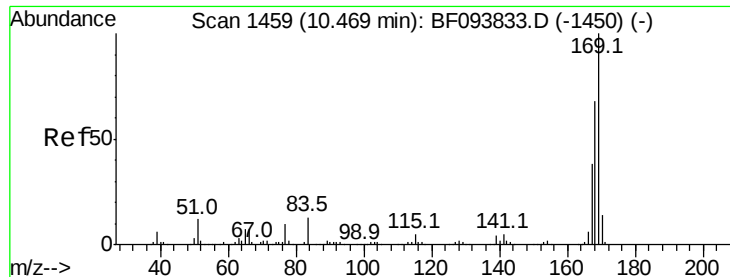
Tot Ion:188 Resp: 509593
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.67 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:198 Resp: 136299
Ion Ratio Lower Upper
198 100
51 48.9 53.2 93.2#
105 50.5 45.8 85.8

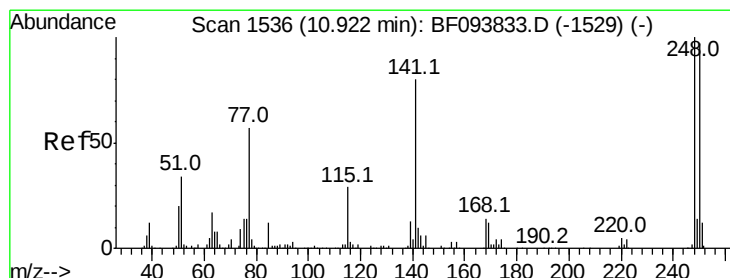
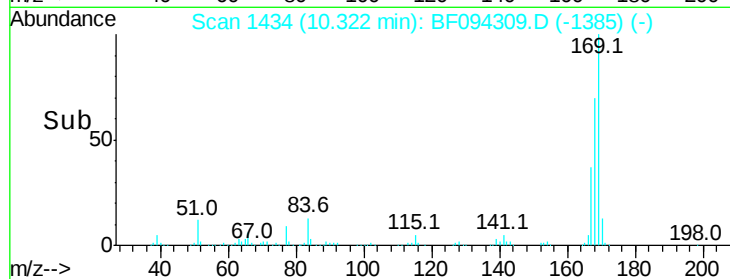
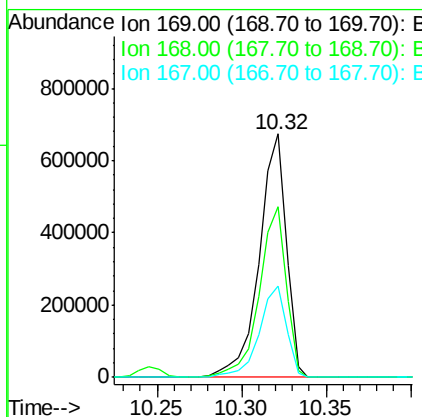
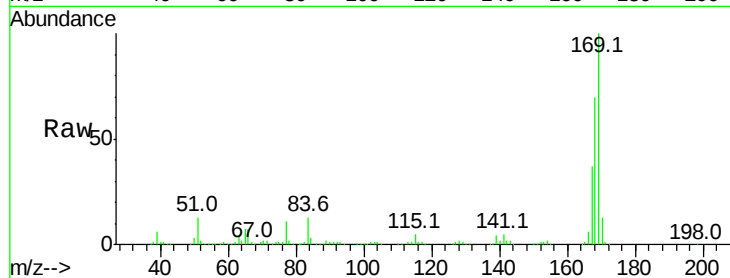




#65
 n-Nitrosodiphenylamine
 Concen: 42.76 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

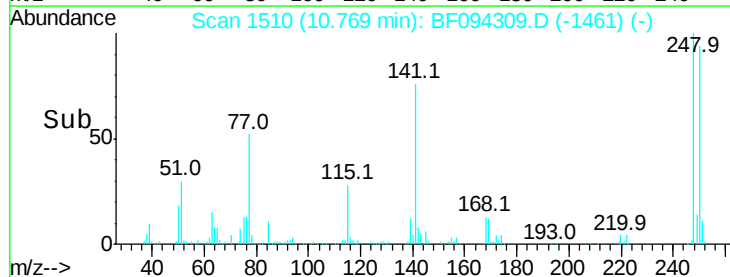
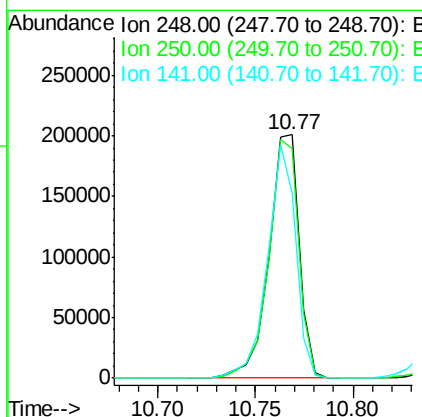
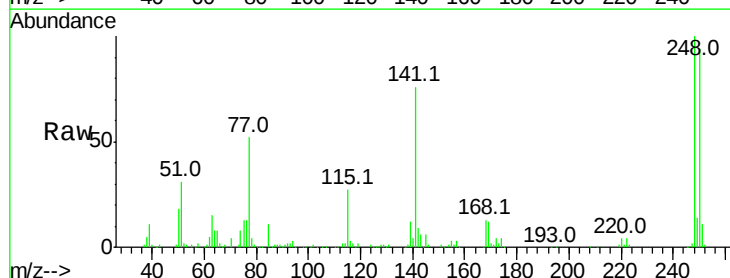
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 753605
 Ion Ratio Lower Upper
 169 100
 168 70.0 53.2 79.8
 167 37.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.09 ng
 RT: 10.77 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion:248 Resp: 215961
 Ion Ratio Lower Upper
 248 100
 250 94.2 76.8 115.2
 141 76.1 68.6 103.0





#67

Hexachlorobenzene

Concen: 44.12 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

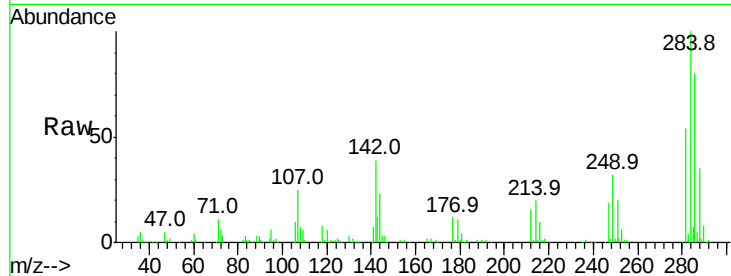
Tot Ion:284 Resp: 223829

Ion Ratio Lower Upper

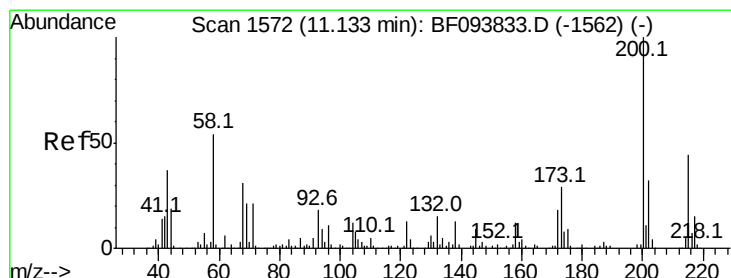
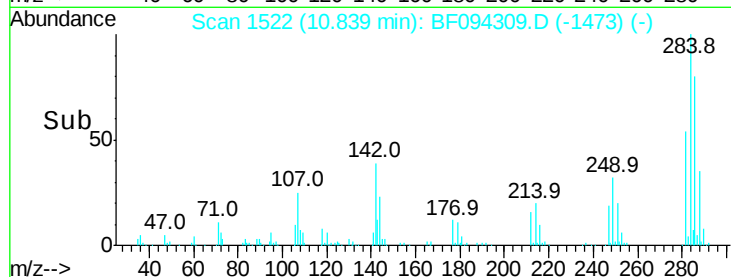
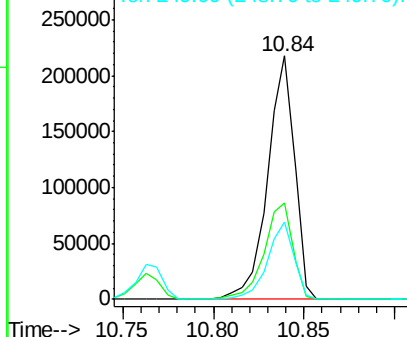
284 100

142 39.5 22.8 34.2#

249 31.5 24.0 36.0



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



#68

Atrazine

Concen: 42.15 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

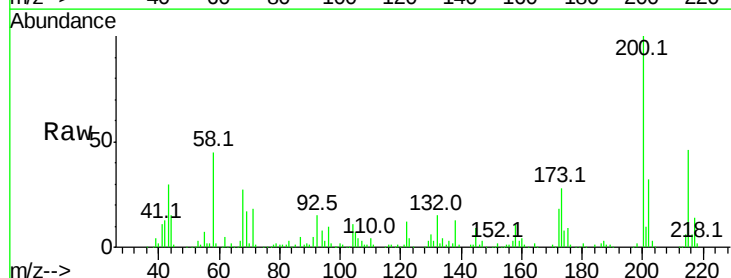
Tgt Ion:200 Resp: 222465

Ion Ratio Lower Upper

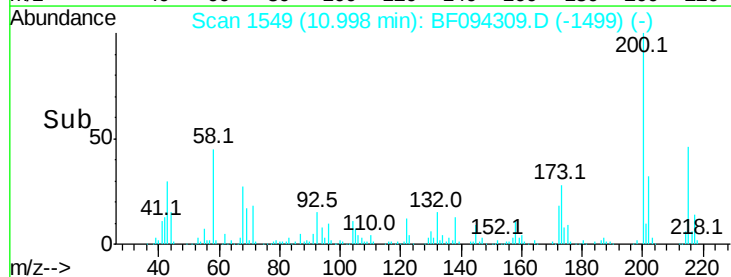
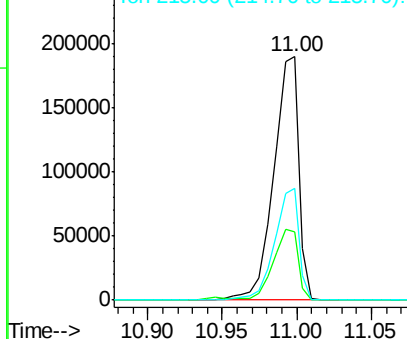
200 100

173 28.1 6.3 46.3

215 46.1 27.2 67.2



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

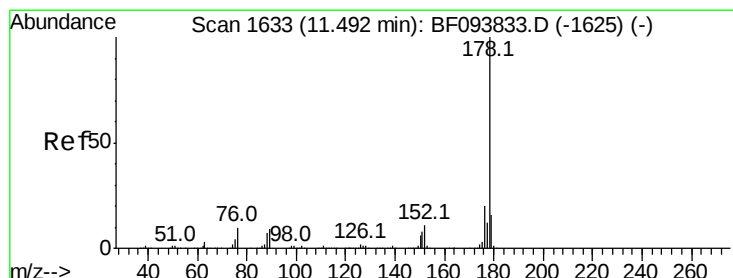
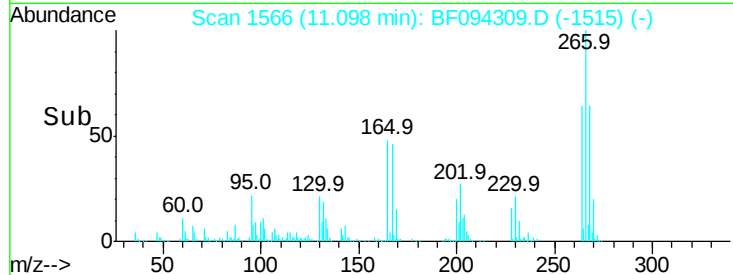
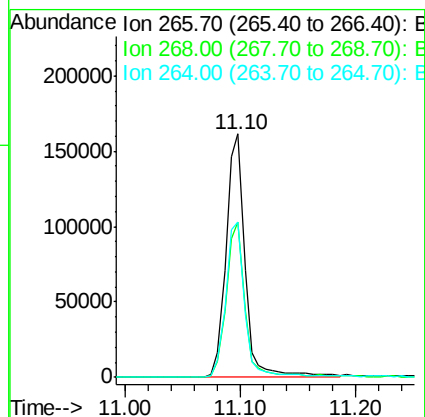
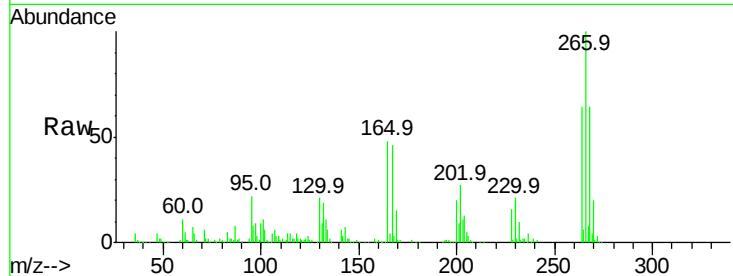




#69
 Pentachlorophenol
 Concen: 58.76 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

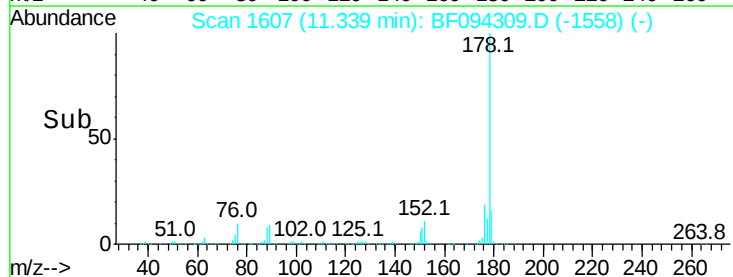
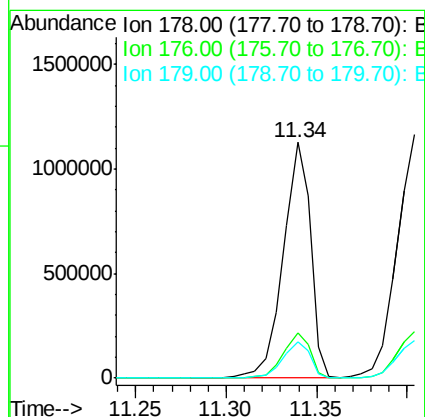
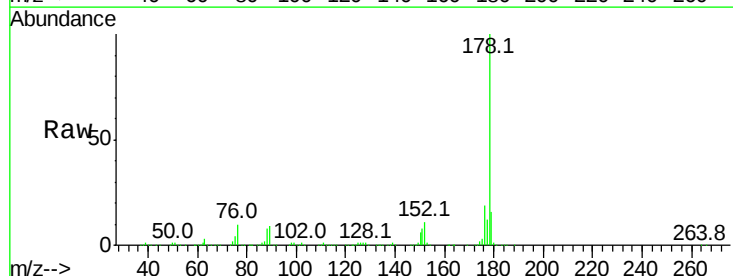
Instrument :
 BNA_F
 ClientSampled :

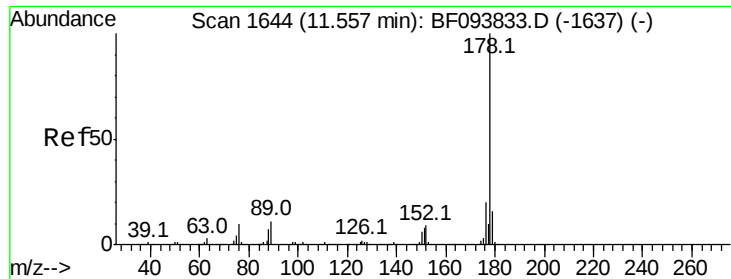
Tot Ion:266 Resp: 185571
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 64.0 51.7 77.5



#70
 Phenanthrene
 Concen: 41.86 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion:178 Resp: 1186647
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.6 12.6 19.0





#71

Anthracene

Concen: 42.43 ng

RT: 11.40 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

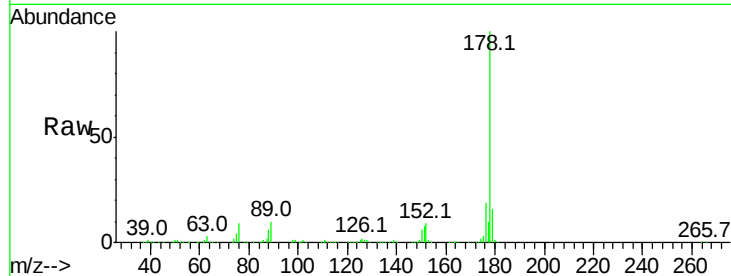
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1238440

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.6	12.7	19.1

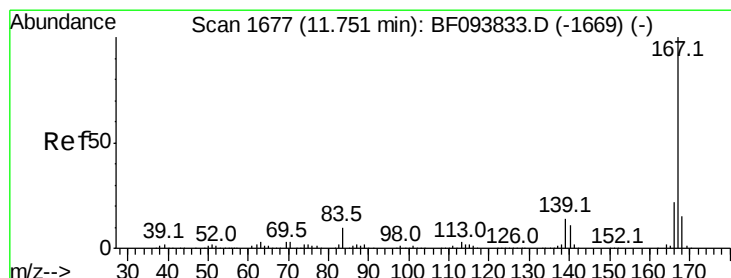
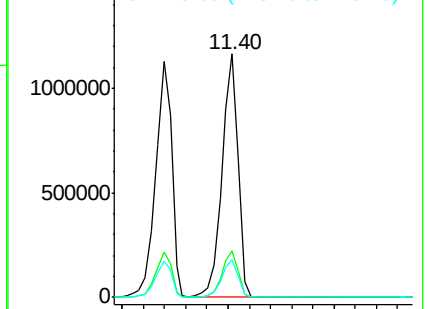
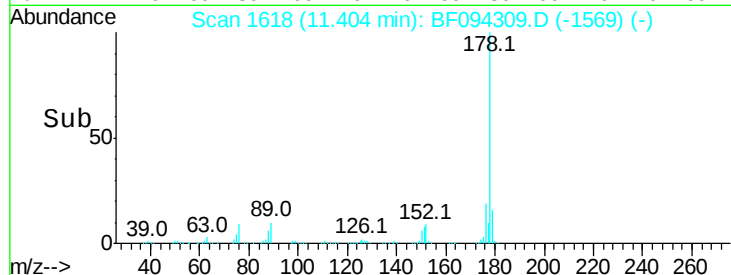


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.83 ng

RT: 11.61 min Scan# 1653

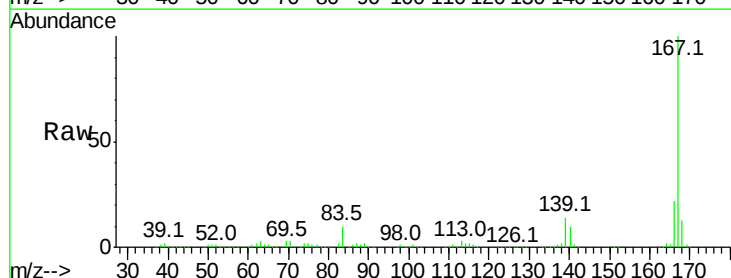
Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:167 Resp: 1162292

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.5	11.7	17.5

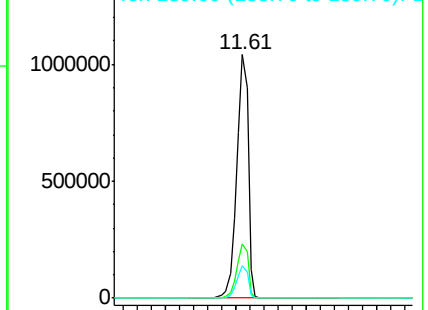
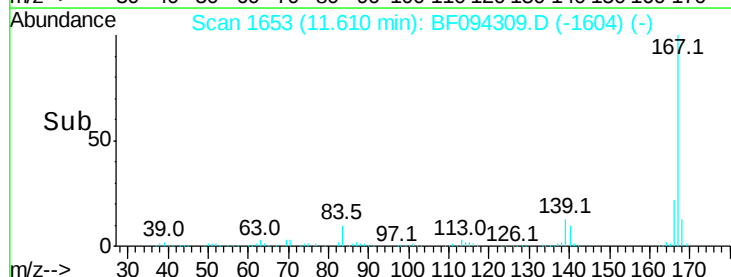


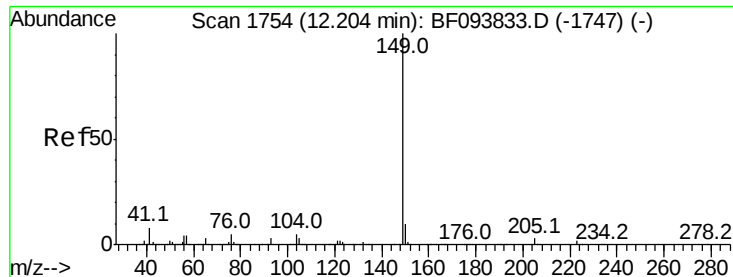
Abundance

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: 44.31 ng

RT: 12.05 min Scan# 1728

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

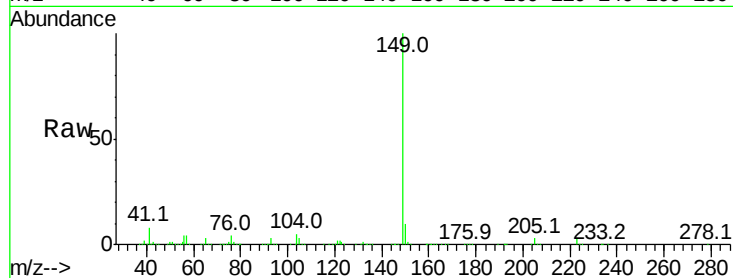
Tot Ion:149 Resp: 1379143

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

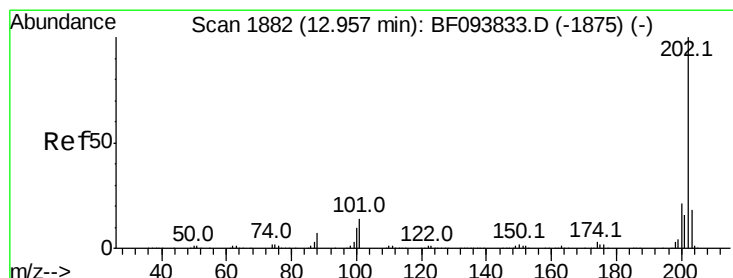
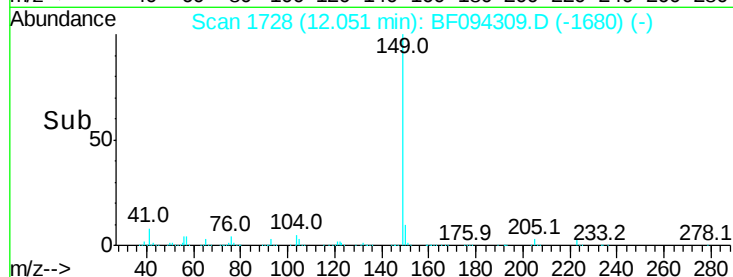
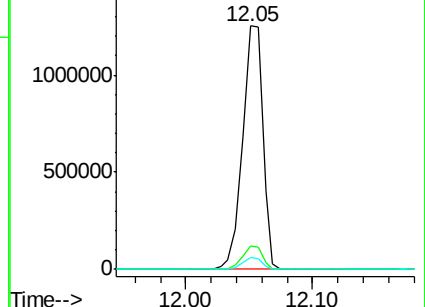
104 4.7 4.0 6.0



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: 42.26 ng

RT: 12.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

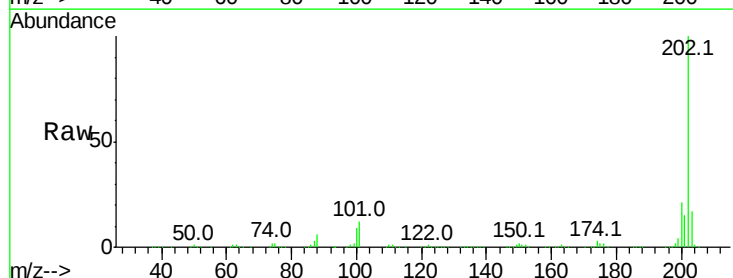
Tgt Ion:202 Resp: 1226640

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

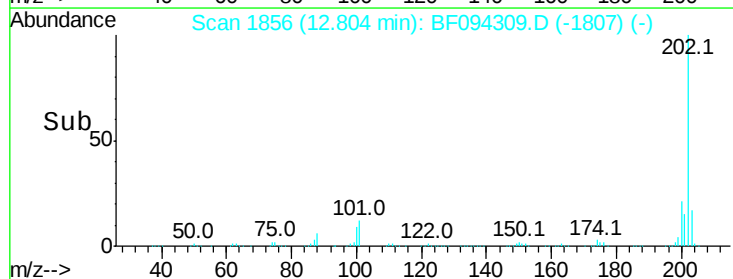
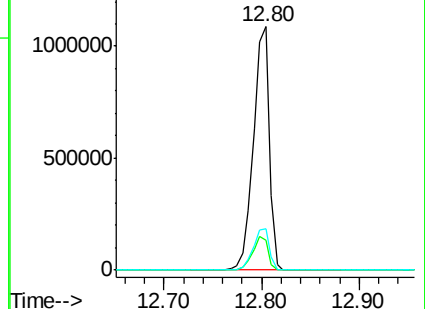
203 17.1 0.0 38.1

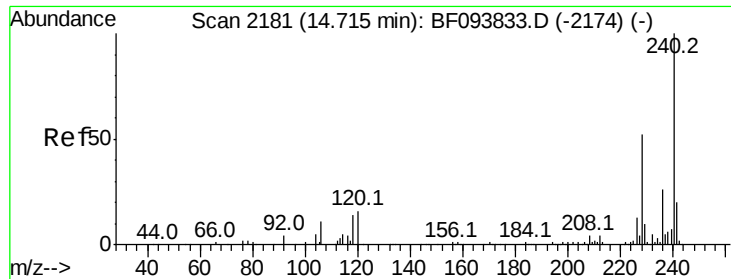


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

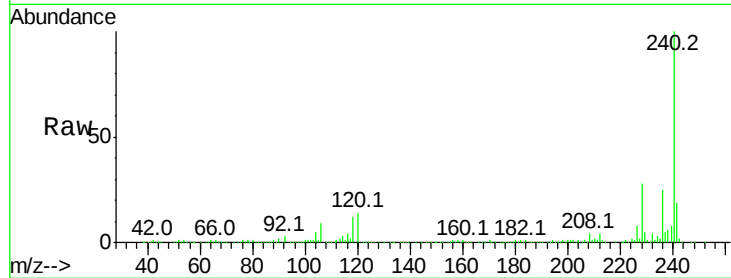
Tot Ion:240 Resp: 403907

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

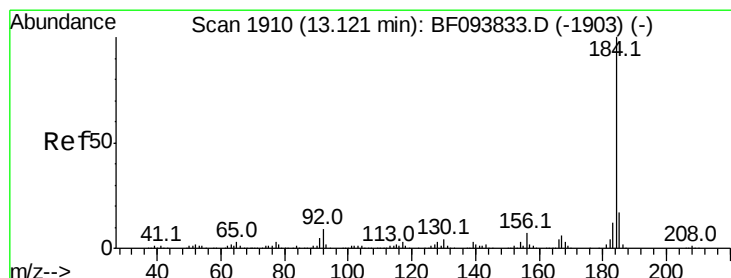
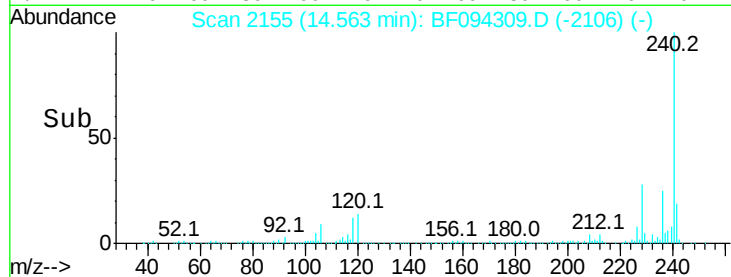
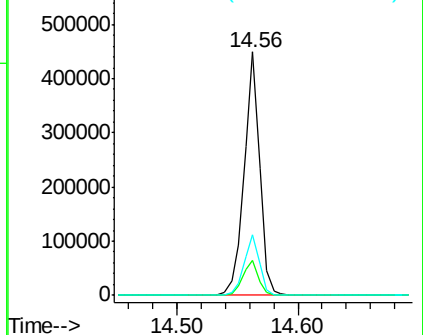
236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.30 ng

RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

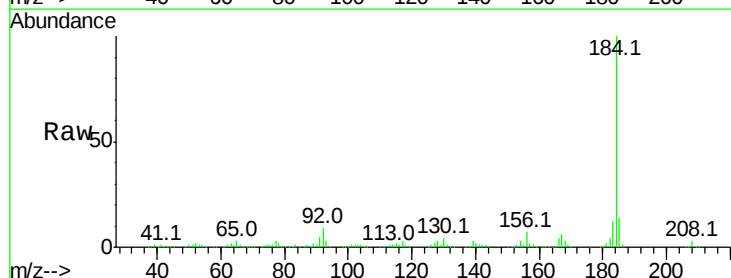
Tgt Ion:184 Resp: 372536

Ion Ratio Lower Upper

184 100

185 13.8 15.5 23.3#

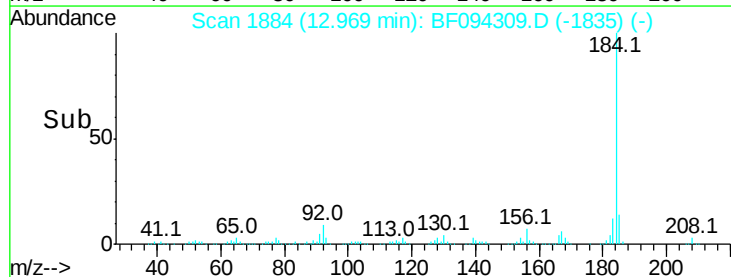
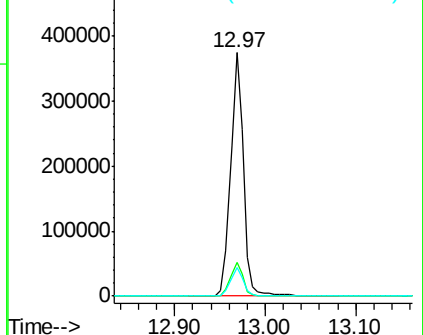
183 11.6 9.8 14.6

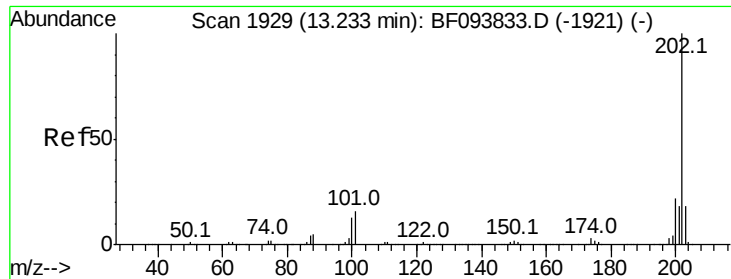


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

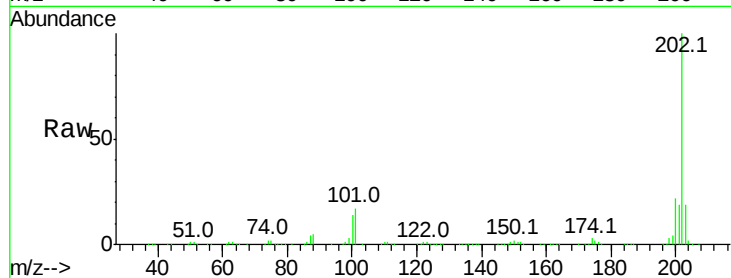




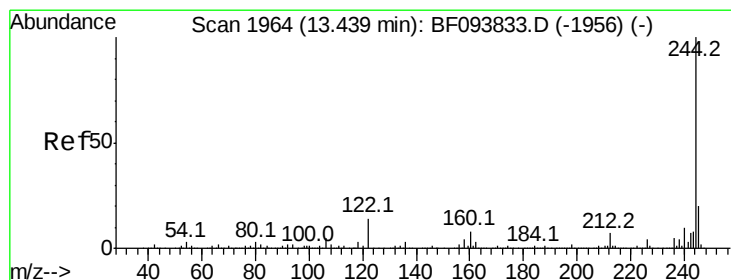
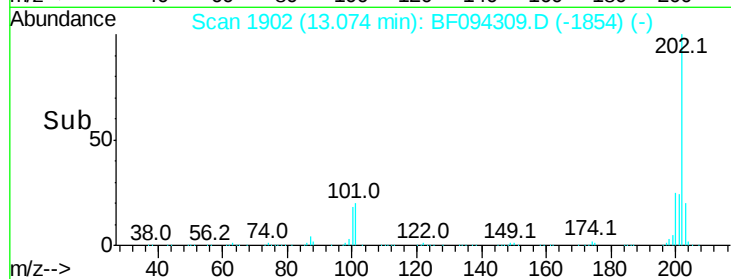
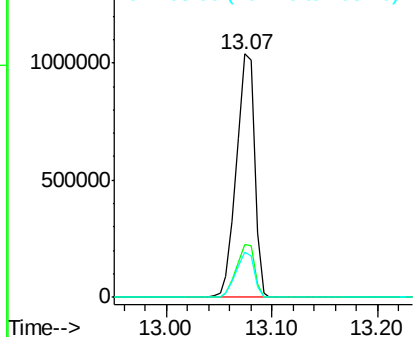
#77
Pvrene
Concen: 41.82 ng
RT: 13.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1225815
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.8 14.4 21.6

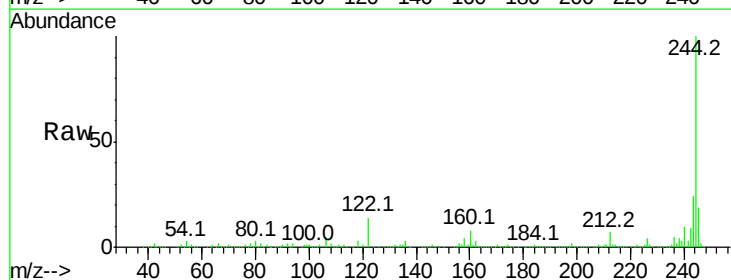


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

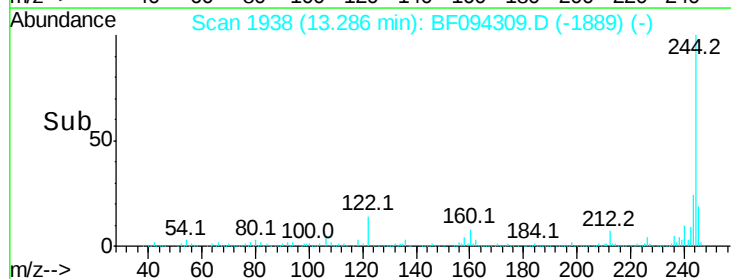
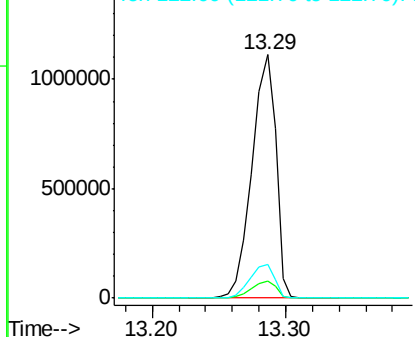


#78
Terphenyl-d14
Concen: 75.62 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:244 Resp: 1362670
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.7 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: 47.28 ng

RT: 13.89 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF094309.D

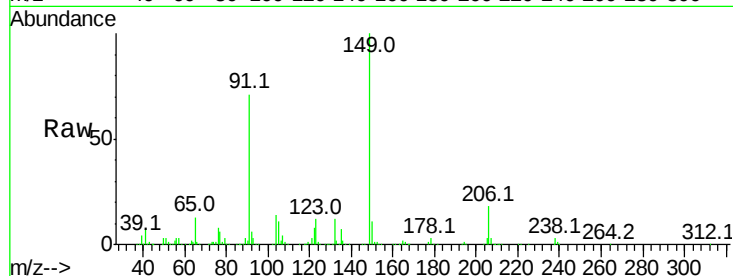
Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

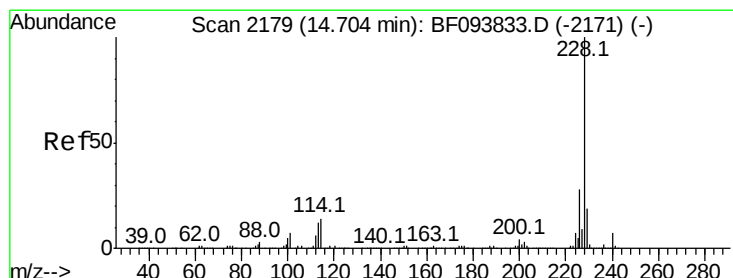
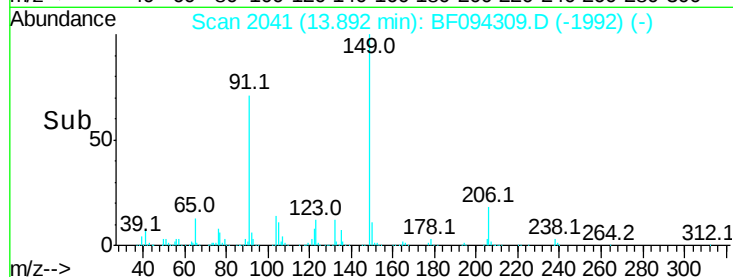
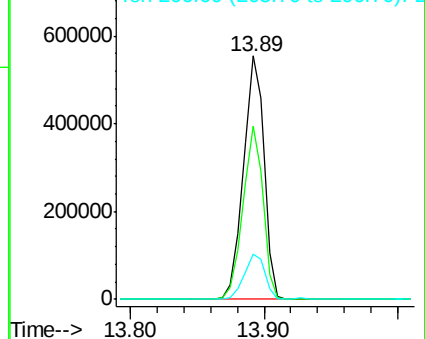
Tot Ion:	149	Resp:	590561
Ion	Ratio	Lower	Upper
149	100		
91	70.9	45.0	67.4#
206	18.4	17.0	25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.62 ng

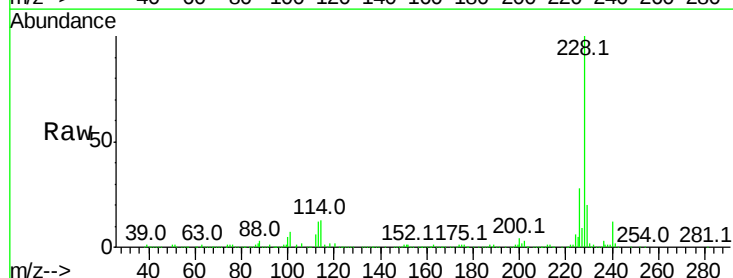
RT: 14.55 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

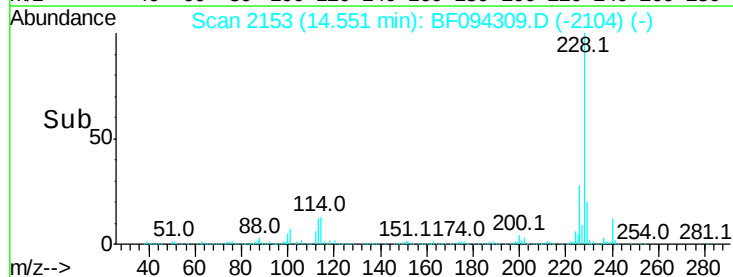
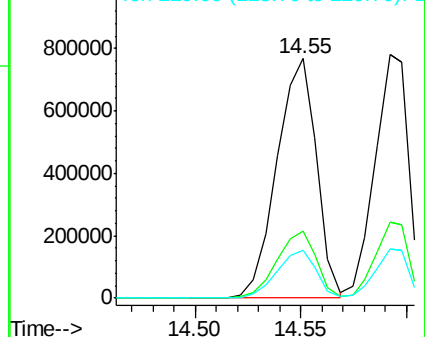
Tgt Ion:	228	Resp:	1003950
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.8	16.3	24.5

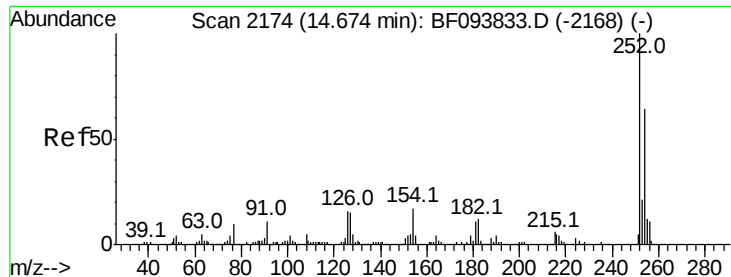


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

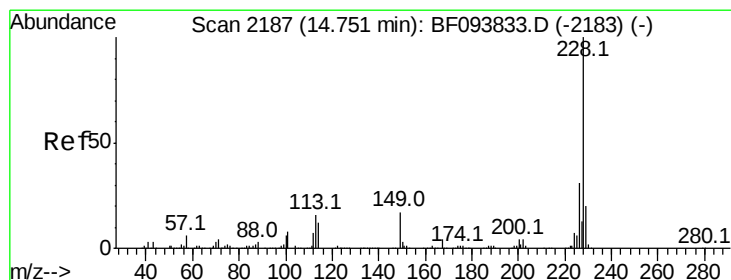
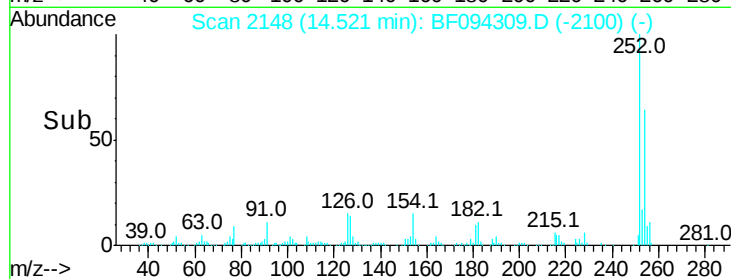
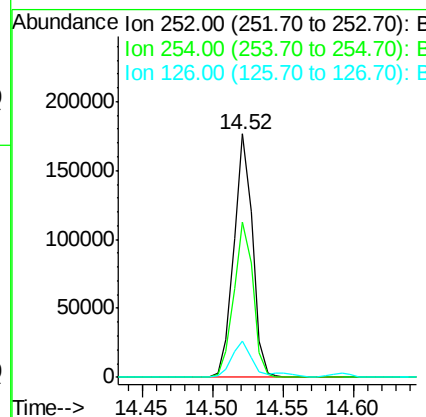
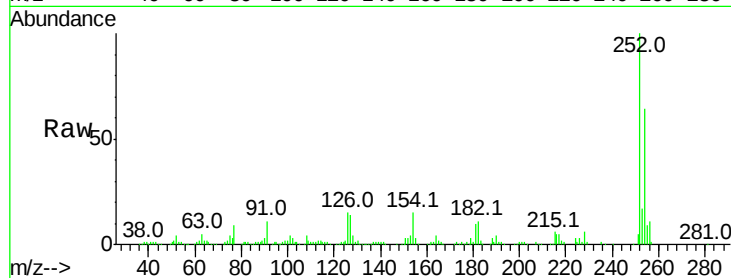




#81
 3,3'-Dichlorobenzidine
 Concen: 19.36 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

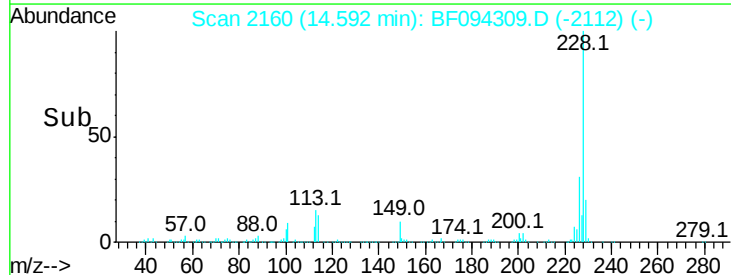
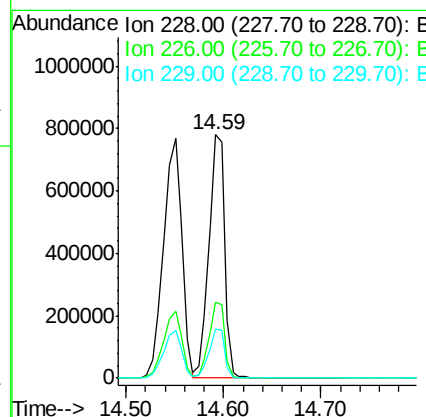
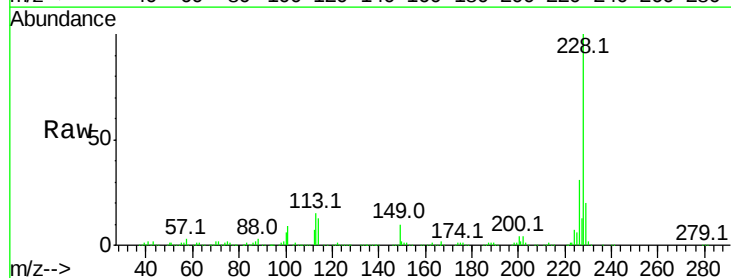
Instrument :
 BNA_F
 ClientSampleId :

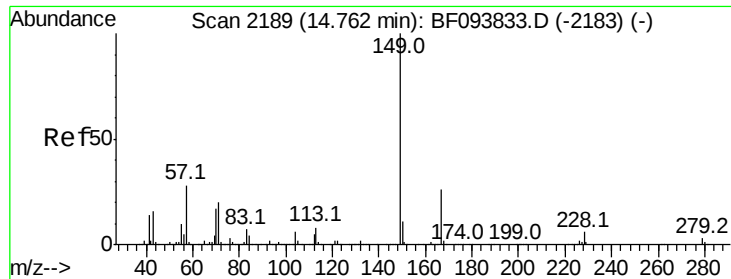
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	14.9	15.8	23.8



#82
 Chrysene
 Concen: 40.19 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.0	15.8	23.6

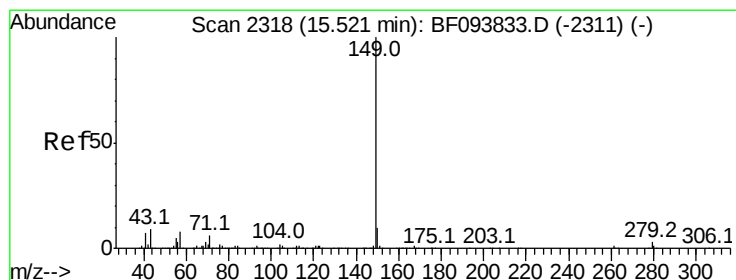
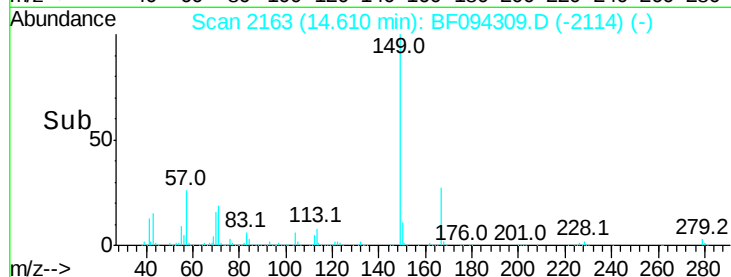
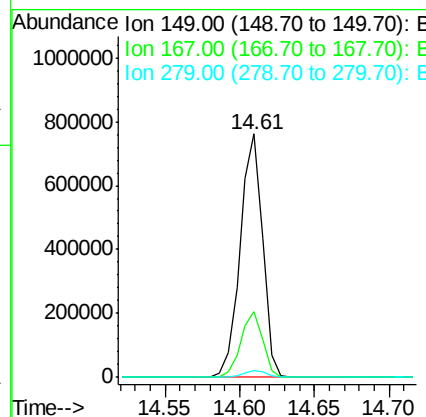
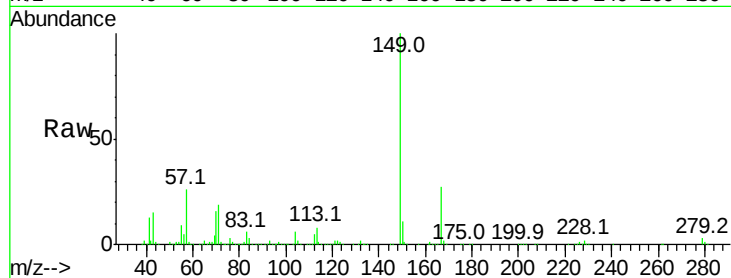




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.09 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

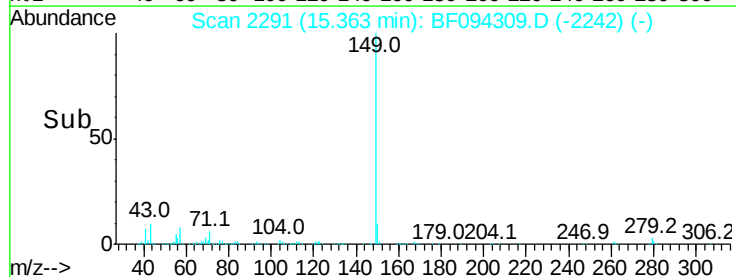
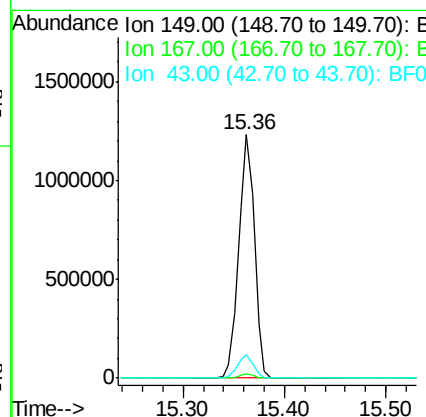
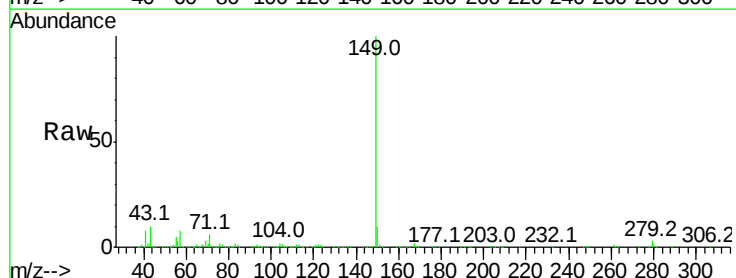
Instrument :
 BNA_F
 ClientSampleId :

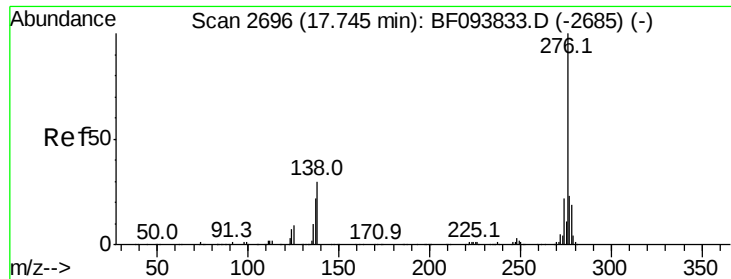
Tot Ion:149 Resp: 802424
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.66 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion:149 Resp: 1328360
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.6 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.76 ng

RT: 17.51 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

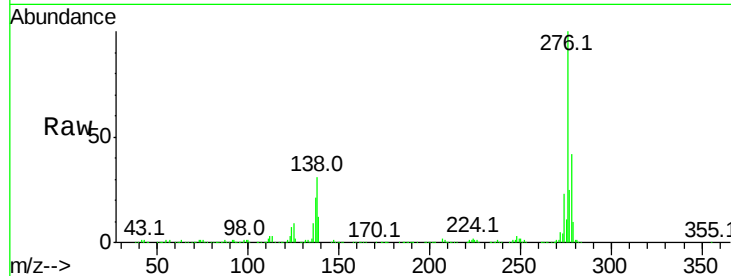
Tot Ion:276 Resp: 714842

Ion Ratio Lower Upper

276 100

138 35.0 27.8 41.6

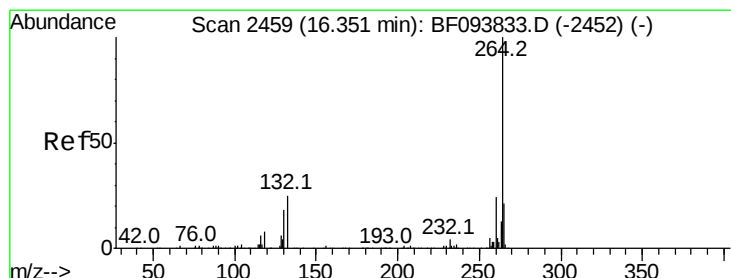
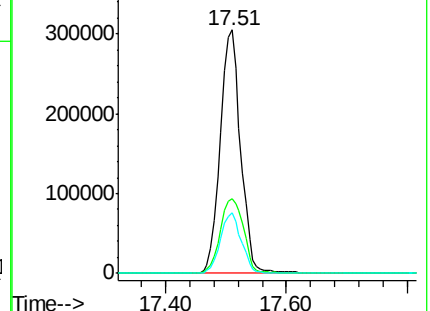
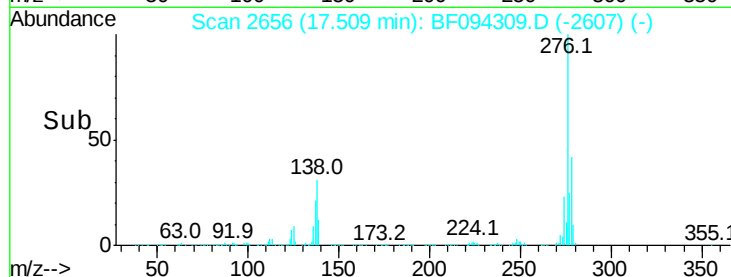
277 25.5 20.2 30.4



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: 16.19 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

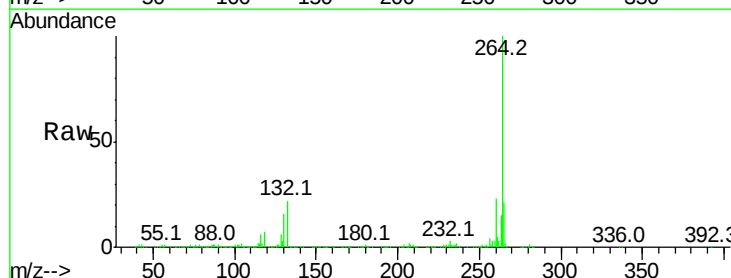
Tgt Ion:264 Resp: 284944

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

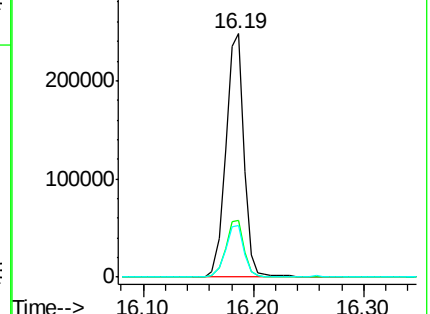
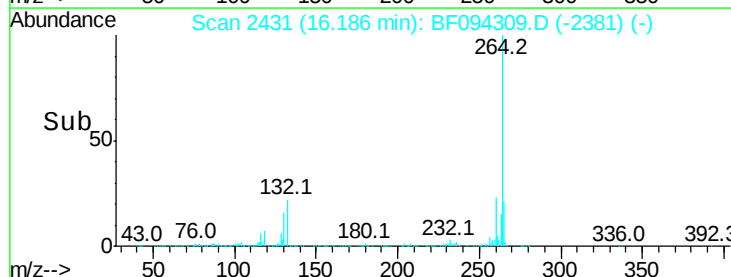
265 21.2 17.2 25.8

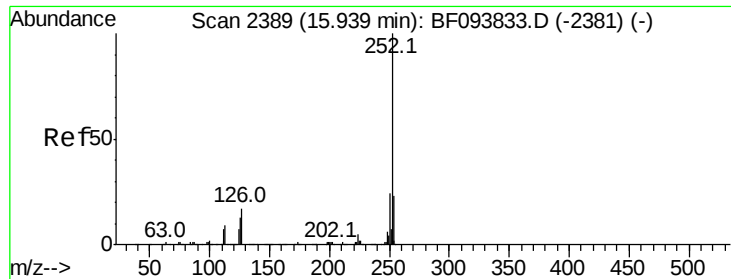


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

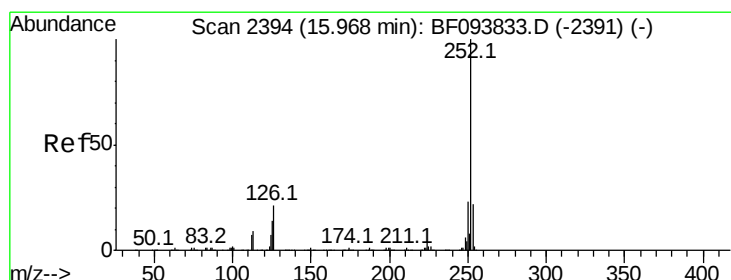
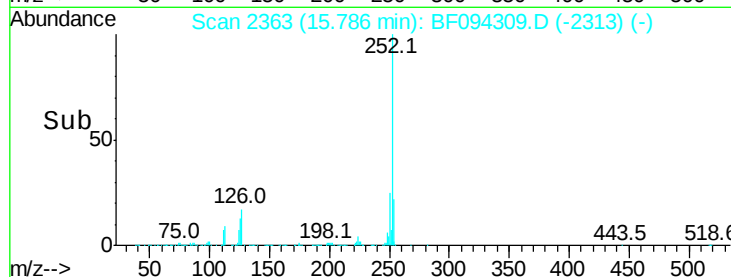
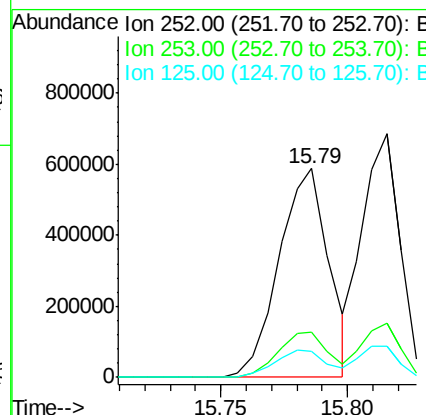
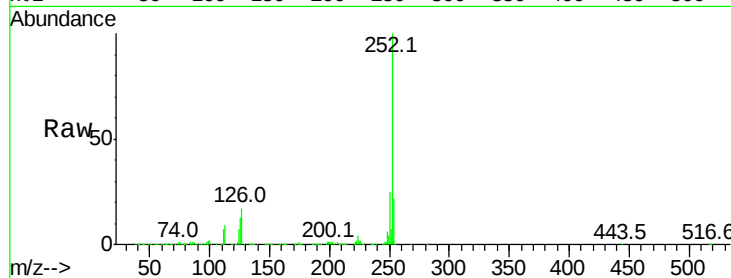




#87
Benzo(b)fluoranthene
Concen: 45.90 ng
RT: 15.79 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

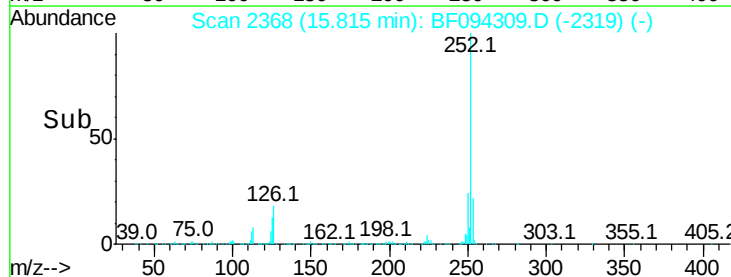
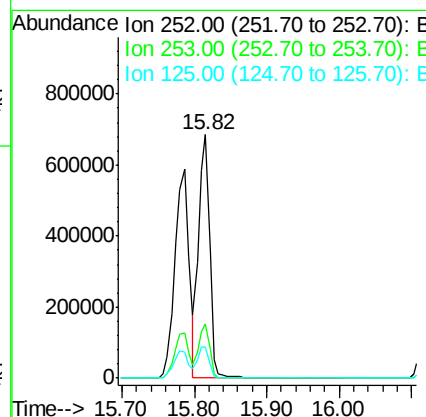
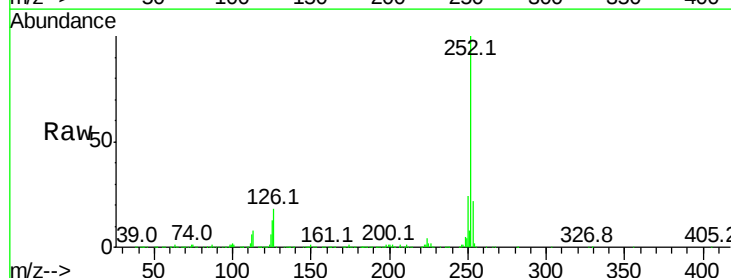
Instrument :
BNA_F
ClientSampleId :

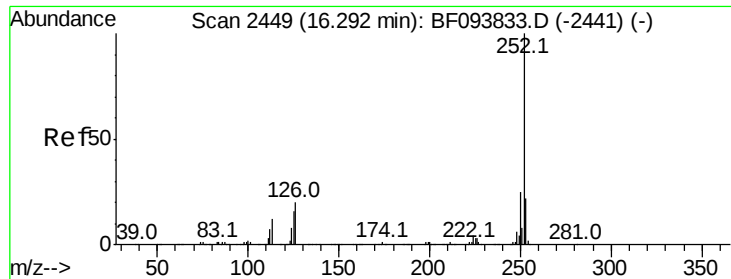
Tot Ion:252 Resp: 801610
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 12.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.56 ng
RT: 15.82 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:252 Resp: 727324
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 12.8 13.1 19.7#

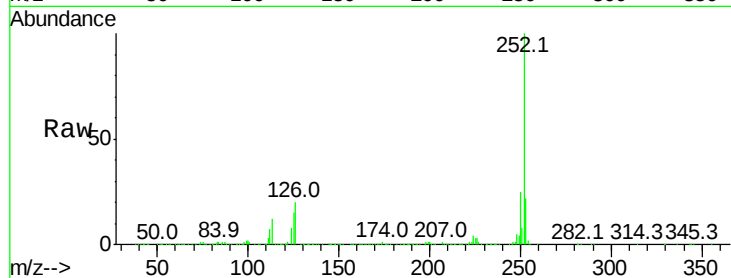




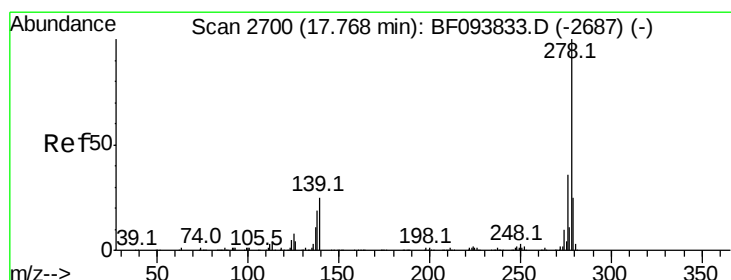
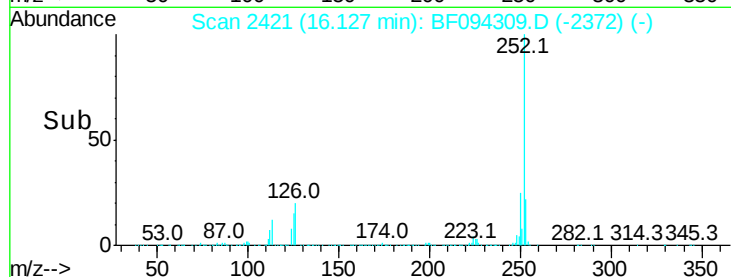
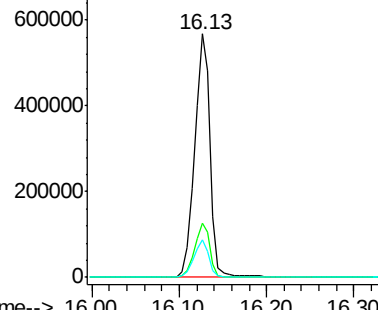
#89
Benzo(a)pyrene
Concen: 42.75 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.4	11.0	16.4

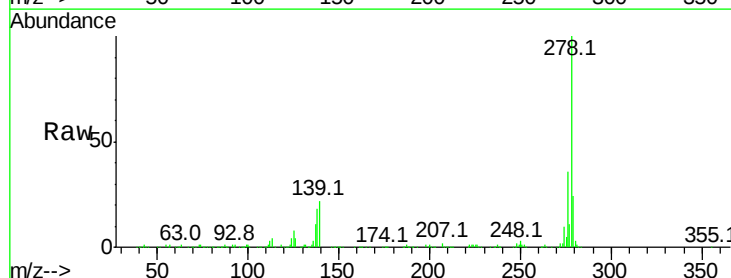


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

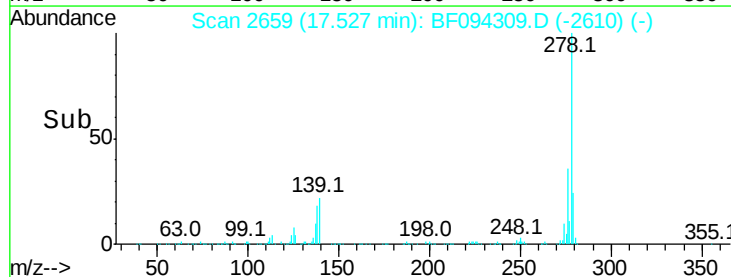
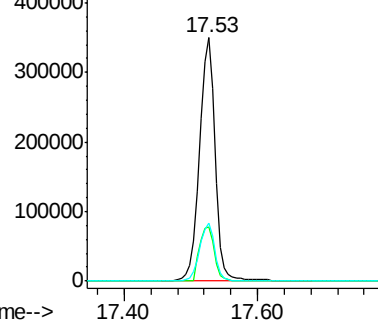


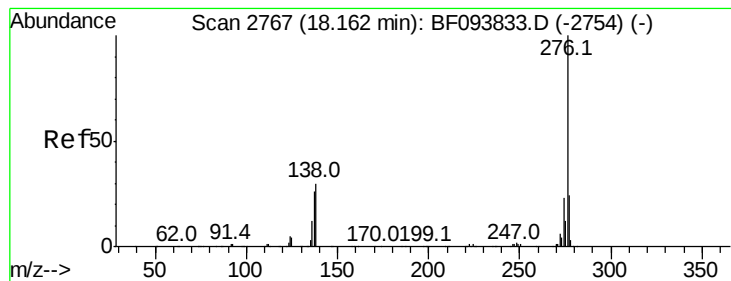
#90
Dibenzo(a,h)anthracene
Concen: 43.13 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	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: 44.43 ng

RT: 17.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

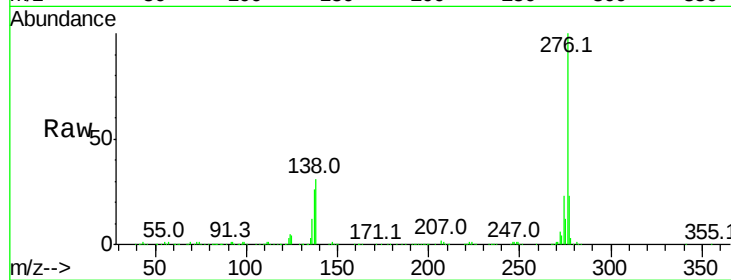
Tot Ion:276 Resp: 609863

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 31.1 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

