

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
 Data File : BF094074.D
 Acq On : 30 Mar 2017 22:43
 Operator : SJ/MA
 Sample : I2417-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Quant Time: Mar 31 03:49:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	189858	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	779156	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	358724	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	612677	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	422469	20.00	ng	-0.04
86) Perylene-d12	16.27	264	318301	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1607160	142.98	ng	-0.01
7) Phenol-d6	5.53	99	2099074	150.95	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1345273	98.53	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	439166	154.93	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	2255145	95.89	ng	-0.04
78) Terphenyl-d14	13.37	244	1757848	93.27	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	226011	41.85	ng	96
3) Pyridine	2.83	79	113438	7.71	ng	96
4) n-Nitrosodimethylamine	2.77	42	299504	49.46	ng	90
6) Aniline	5.55	93	304401	15.74	ng	# 1
8) 2-Chlorophenol	5.69	128	654711	52.99	ng	96
9) Benzaldehyde	5.40	77	166580	17.74	ng	99
10) Phenol	5.55	94	781238	49.37	ng	98
11) bis(2-Chloroethyl)ether	5.63	93	643381	52.03	ng	95
12) 1,3-Dichlorobenzene	5.85	146	696389	50.25	ng	99
13) 1,4-Dichlorobenzene	5.93	146	710777	50.64	ng	97
14) 1,2-Dichlorobenzene	6.11	146	652833	50.50	ng	97
15) Benzyl Alcohol	6.09	79	540048	53.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	866399	45.47	ng	93
17) 2-Methylphenol	6.23	107	563470	53.25	ng	# 91
18) Hexachloroethane	6.50	117	248712	50.41	ng	# 86
19) n-Nitroso-di-n-propylamine	6.40	70	471228	52.73	ng	97
20) 3+4-Methylphenols	6.41	107	719618	56.15	ng	# 63
22) Acetophenone	6.39	105	961569	55.37	ng	# 87
24) Nitrobenzene	6.59	77	691964	51.39	ng	91
25) Isophorone	6.88	82	1287474	53.67	ng	94
26) 2-Nitrophenol	6.96	139	393078	61.21	ng	95
27) 2,4-Dimethylphenol	7.03	122	623687	56.37	ng	99
28) bis(2-Chloroethoxy)methane	7.14	93	837062	52.91	ng	100
29) 2,4-Dichlorophenol	7.26	162	595900	57.60	ng	98
30) 1,2,4-Trichlorobenzene	7.35	180	573376	53.81	ng	98
31) Naphthalene	7.45	128	1899595	50.70	ng	99
32) Benzoic acid	7.16	122	133561	18.13	ng	96
33) 4-Chloroaniline	7.51	127	165457	10.90	ng	93
34) Hexachlorobutadiene	7.60	225	286463	52.42	ng	99
35) Caprolactam	7.97	113	174580m	52.92	ng	
36) 4-Chloro-3-methylphenol	8.14	107	634511	58.70	ng	88
37) 2-Methylnaphthalene	8.29	142	1330285	53.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	491033	50.04	ng	99
40) Hexachlorocyclopentadiene	8.49	237	486725	105.99	ng	99

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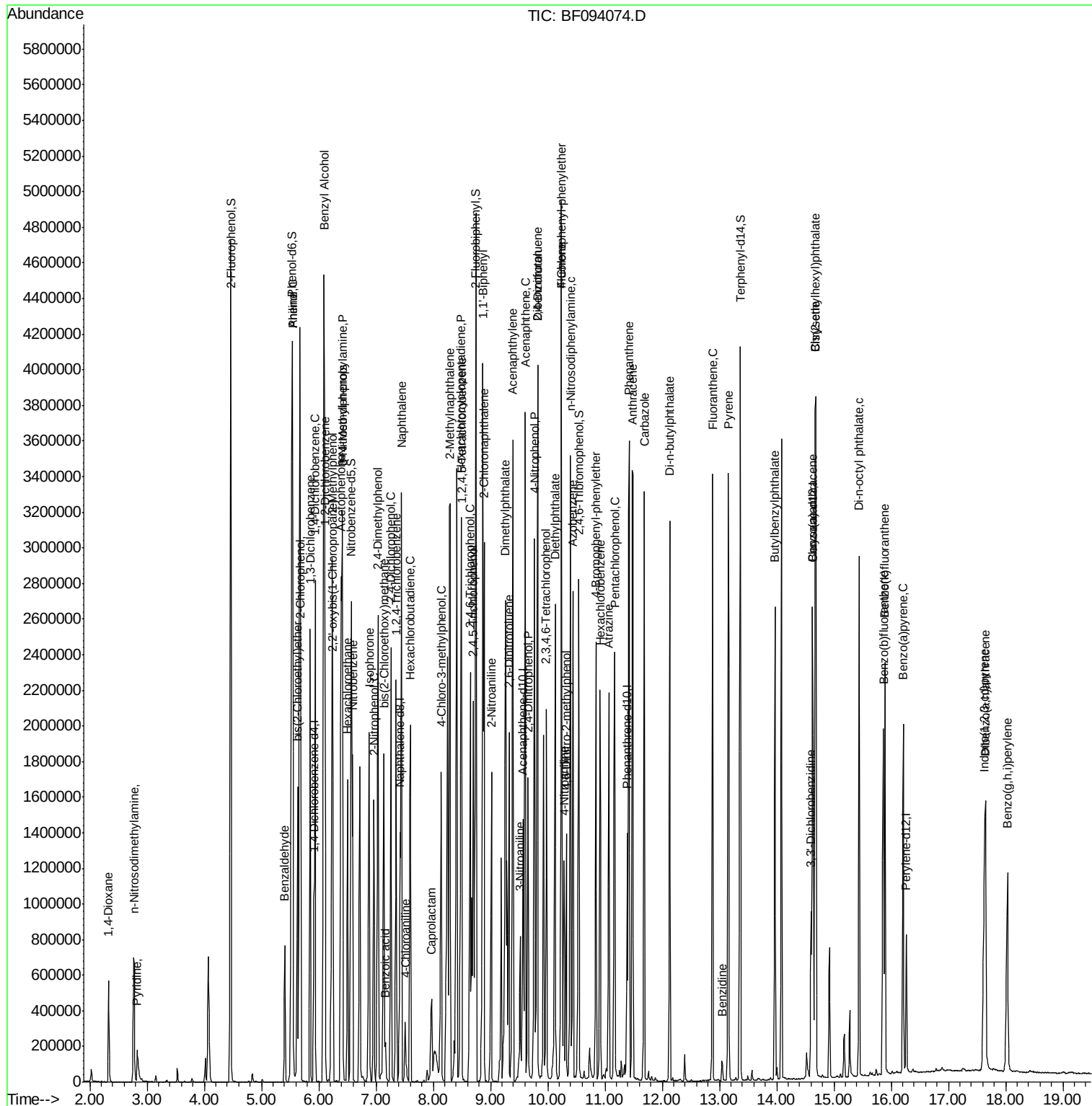
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	406584	58.56	ng	100
43) 2,4,5-Trichlorophenol	8.70	196	396955	52.84	ng	97
45) 1,1'-Biphenyl	8.86	154	1461598	50.51	ng	97
46) 2-Chloronaphthalene	8.89	162	1166818	51.52	ng	95
47) 2-Nitroaniline	9.02	65	355548	52.92	ng	# 81
48) Acenaphthylene	9.39	152	1798430	47.78	ng	99
49) Dimethylphthalate	9.26	163	1536474	60.25	ng	100
50) 2,6-Dinitrotoluene	9.32	165	316445	54.14	ng	90
51) Acenaphthene	9.60	154	1076122	48.99	ng	99
52) 3-Nitroaniline	9.52	138	160045	23.32	ng	96
53) 2,4-Dinitrophenol	9.66	184	273144	86.89	ng	# 71
54) Dibenzofuran	9.82	168	1530836	51.20	ng	100
55) 4-Nitrophenol	9.77	139	476390	88.62	ng	# 69
56) 2,4-Dinitrotoluene	9.82	165	373453	50.86	ng	# 65
57) Fluorene	10.24	166	1133551	45.72	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	294606	57.15	ng	97
59) Diethylphthalate	10.13	149	1324089	52.54	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	500406	47.37	ng	93
61) 4-Nitroaniline	10.29	138	308619	46.85	ng	96
62) Azobenzene	10.44	77	1264519	53.04	ng	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	220833	58.85	ng	# 72
65) n-Nitrosodiphenylamine	10.40	169	1098469	51.84	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	324251	53.81	ng	98
67) Hexachlorobenzene	10.92	284	329538	54.02	ng	# 87
68) Atrazine	11.07	200	329376	51.90	ng	97
69) Pentachlorophenol	11.17	266	338486	89.15	ng	97
70) Phenanthrene	11.42	178	1661080	48.74	ng	100
71) Anthracene	11.49	178	1716204	48.91	ng	98
72) Carbazole	11.69	167	1628493	45.26	ng	99
73) Di-n-butylphthalate	12.13	149	1938045	51.79	ng	100
74) Fluoranthene	12.88	202	1658130	47.51	ng	99
76) Benzidine	13.04	184	37587	2.25	ng	# 91
77) Pyrene	13.16	202	1671412	54.51	ng	100
79) Butylbenzylphthalate	13.97	149	809532	61.97	ng	90
80) Benzo(a)anthracene	14.63	228	1282669	52.07	ng	99
81) 3,3'-Dichlorobenzidine	14.60	252	187036	21.24	ng	# 95
82) Chrysene	14.67	228	1072719	46.92	ng	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	1080369	60.62	ng	# 99
84) Di-n-octyl phthalate	15.44	149	1716964	57.67	ng	97
85) Indeno(1,2,3-cd)pyrene	17.63	276	1014140	51.22	ng	100
87) Benzo(b)fluoranthene	15.86	252	1015536	52.05	ng	98
88) Benzo(k)fluoranthene	15.89	252	961405	50.36	ng	97
89) Benzo(a)pyrene	16.21	252	933117	51.93	ng	99
90) Dibenzo(a,h)anthracene	17.65	278	831902	54.67	ng	98
91) Benzo(g,h,i)perylene	18.03	276	853952	55.69	ng	98

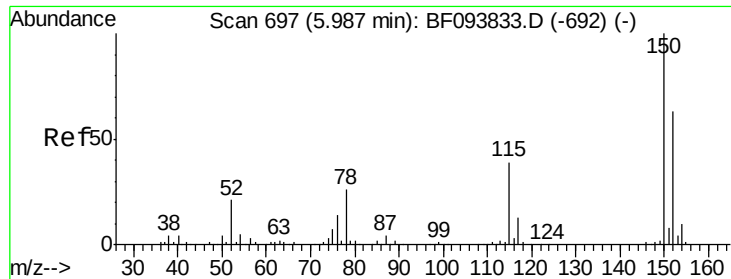
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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Sample    : I2417-04MSD  
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ALS Vial  : 13      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

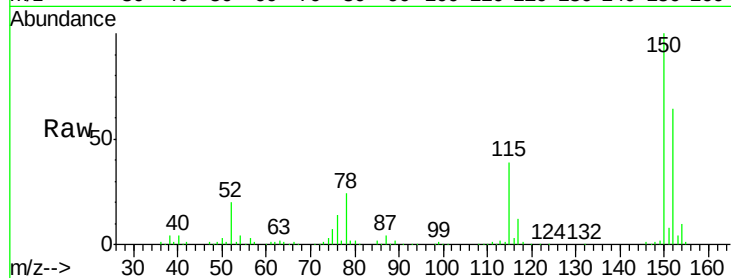
Tgt Ion:152 Resp: 189858

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

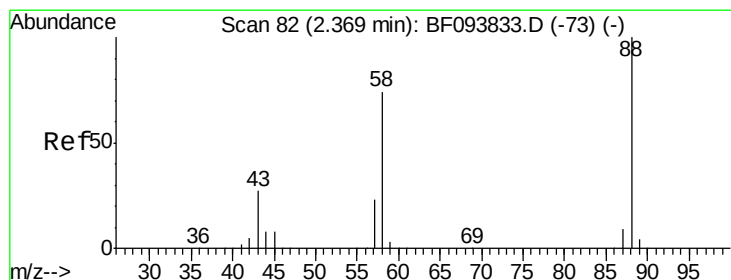
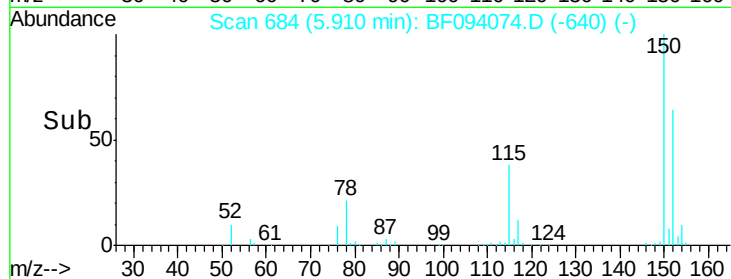
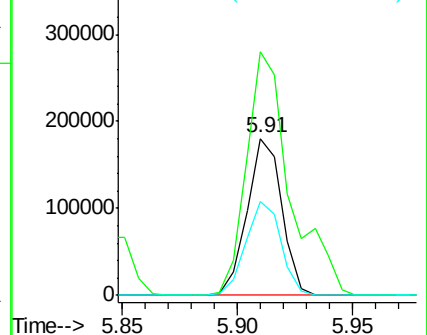
115 60.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.85 ng

RT: 2.33 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

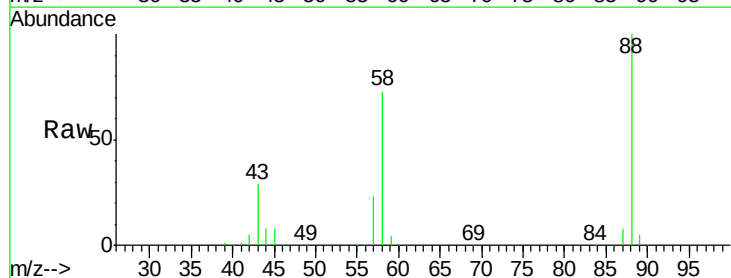
Tgt Ion: 88 Resp: 226011

Ion Ratio Lower Upper

88 100

58 73.4 61.4 92.0

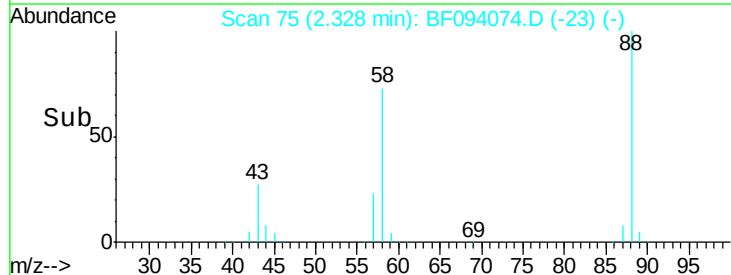
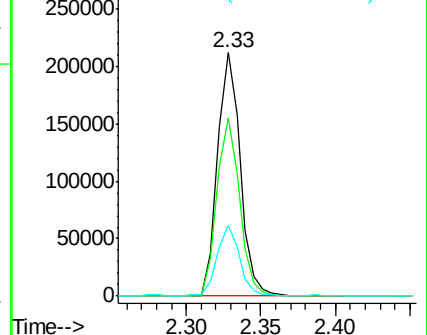
43 27.6 23.4 35.0

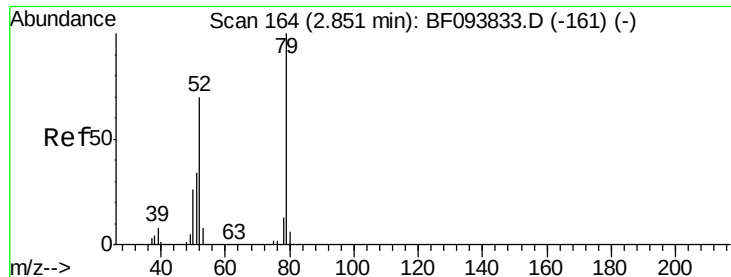


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

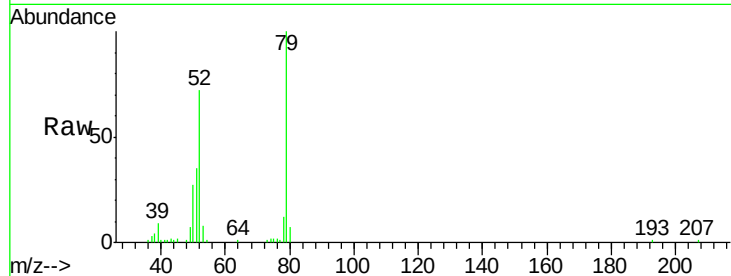




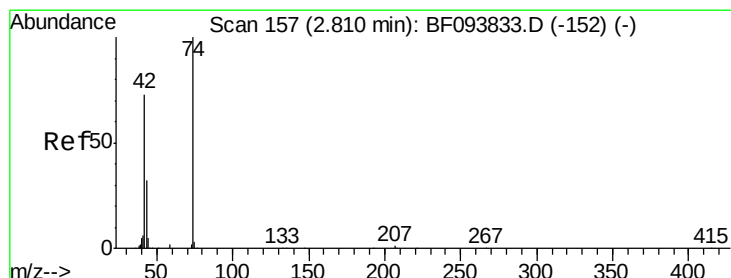
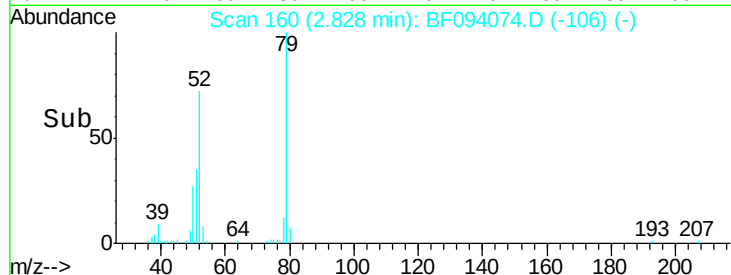
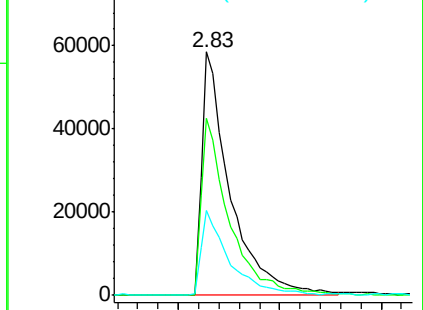
#3
 Pyridine
 Concen: 7.71 ng
 RT: 2.83 min Scan# 160
 Delta R.T. 0.02 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion: 79 Resp: 113438
 Ion Ratio Lower Upper
 79 100
 52 72.5 54.8 82.2
 51 34.7 27.0 40.4

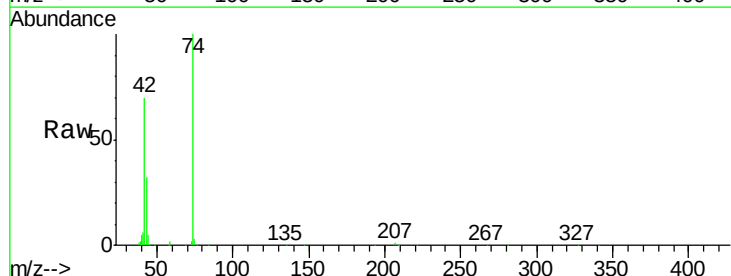


Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0

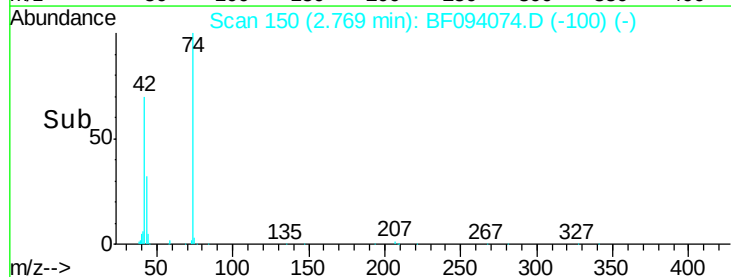
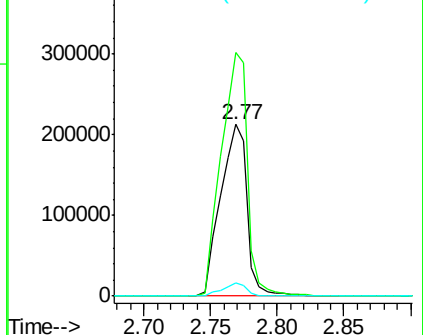


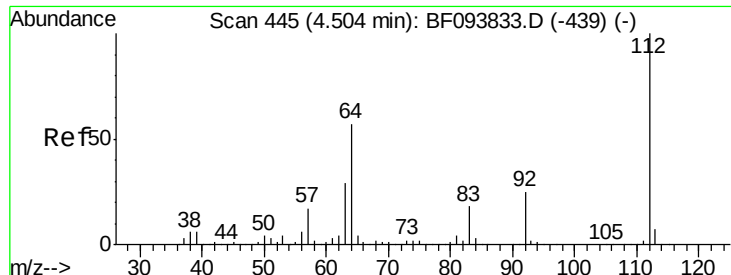
#4
 n-Nitrosodimethylamine
 Concen: 49.46 ng
 RT: 2.77 min Scan# 150
 Delta R.T. -0.01 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion: 42 Resp: 299504
 Ion Ratio Lower Upper
 42 100
 74 142.0 103.9 155.9
 44 7.3 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 142.98 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

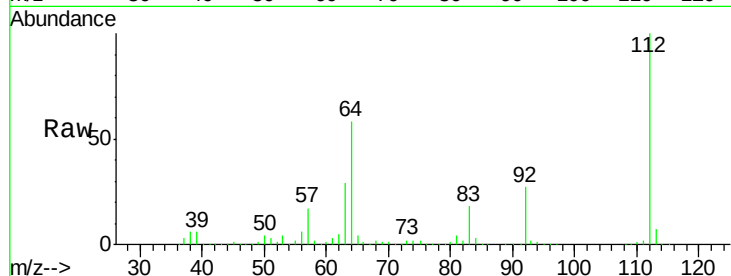
Tgt Ion: 112 Resp: 1607160

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

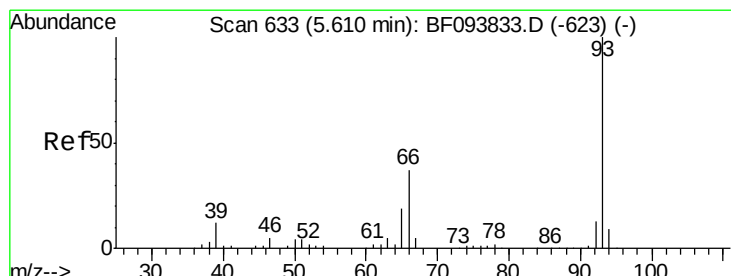
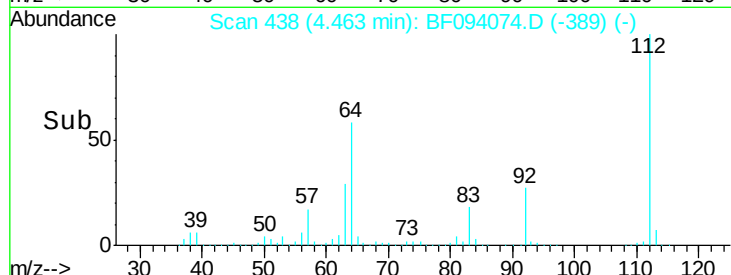
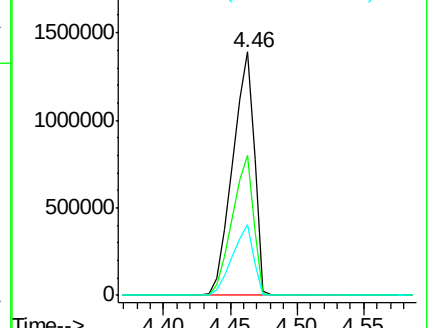
63 29.3 23.4 35.0



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: 15.74 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

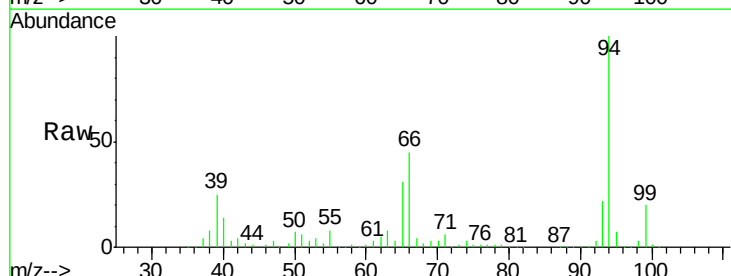
Tgt Ion: 93 Resp: 304401

Ion Ratio Lower Upper

93 100

66 202.8 32.9 49.3#

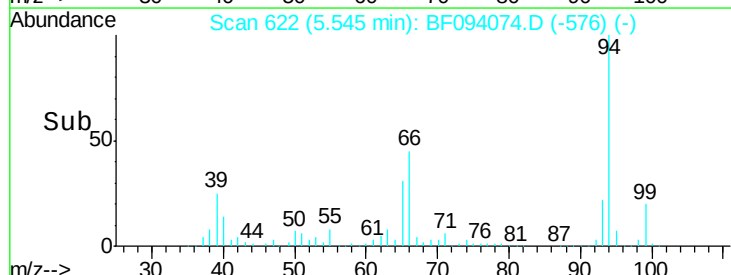
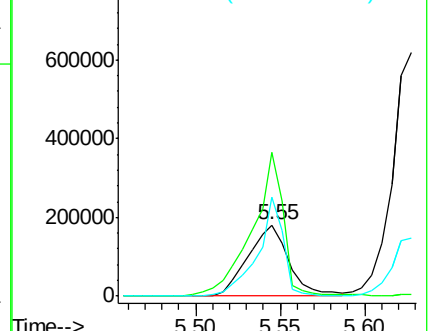
65 138.7 16.0 24.0#

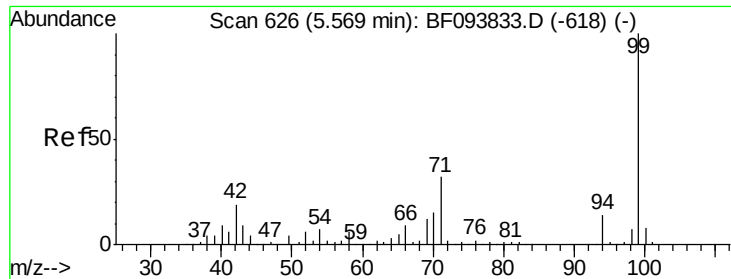


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.95 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

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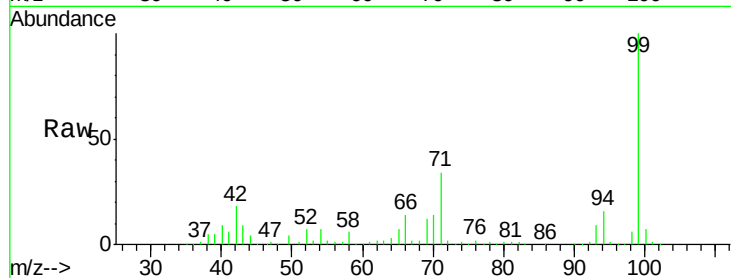
Tgt Ion: 99 Resp: 2099074

Ion Ratio Lower Upper

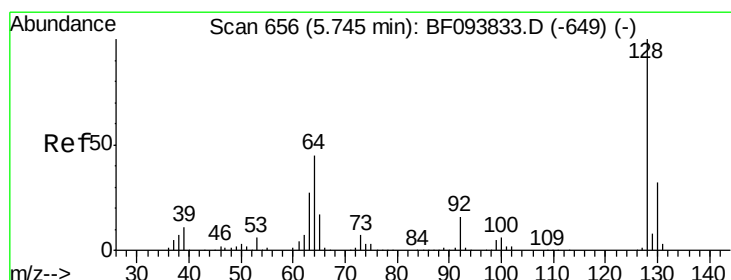
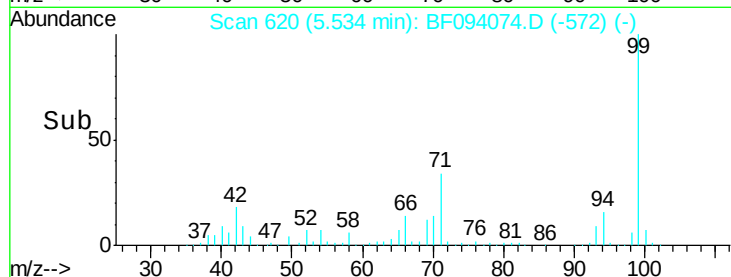
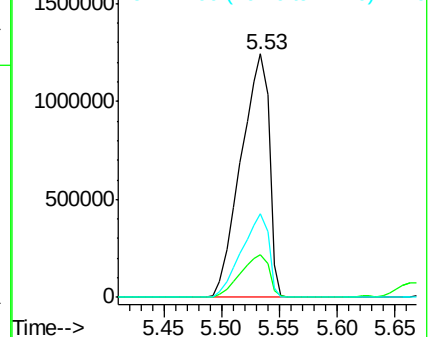
99 100

42 17.7 13.5 20.3

71 34.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 52.99 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

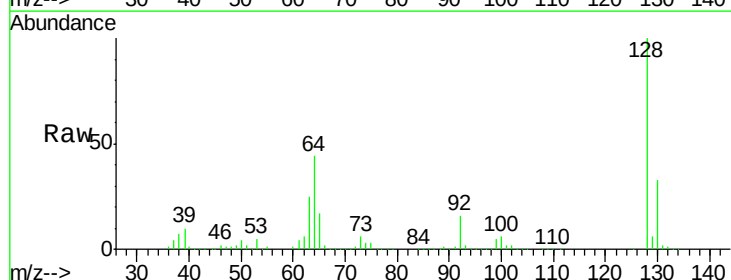
Tgt Ion: 128 Resp: 654711

Ion Ratio Lower Upper

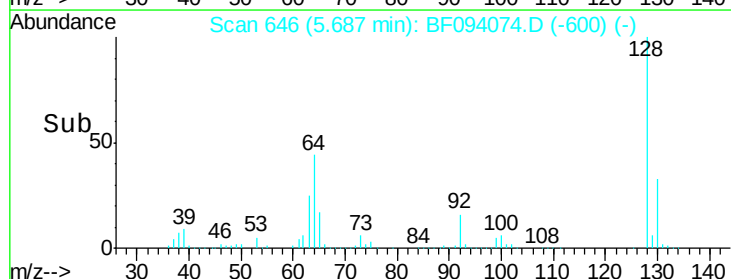
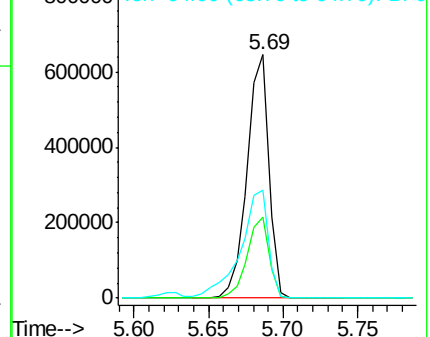
128 100

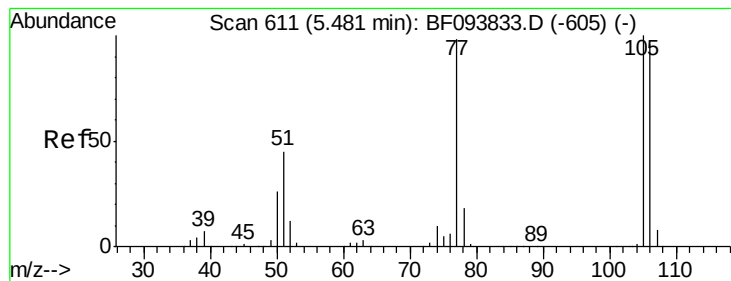
130 33.5 12.9 52.9

64 44.2 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: 17.74 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.04 min

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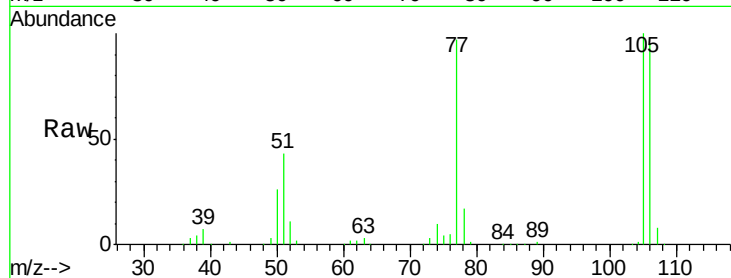
Tgt Ion: 77 Resp: 166580

Ion Ratio Lower Upper

77 100

105 103.5 83.8 123.8

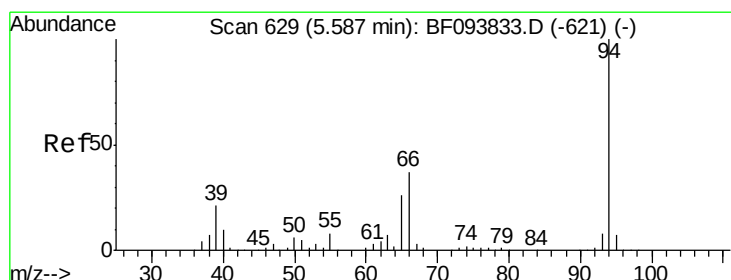
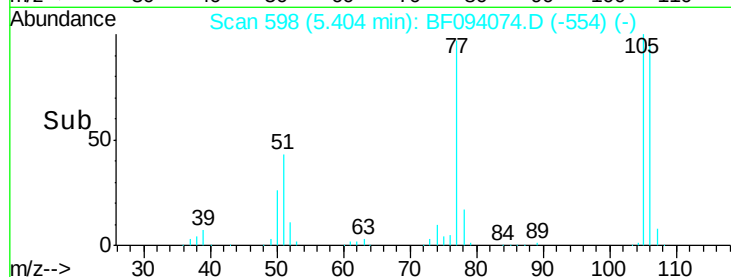
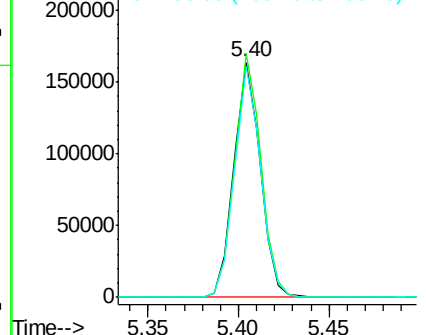
106 98.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 49.37 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

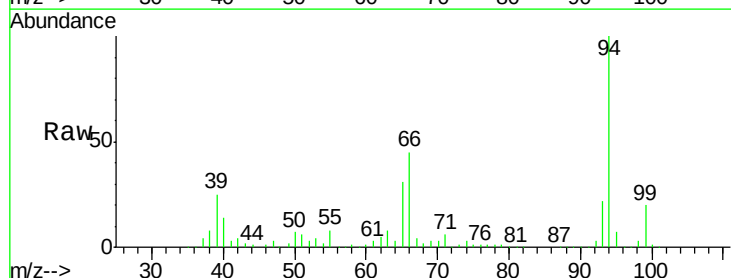
Tgt Ion: 94 Resp: 781238

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

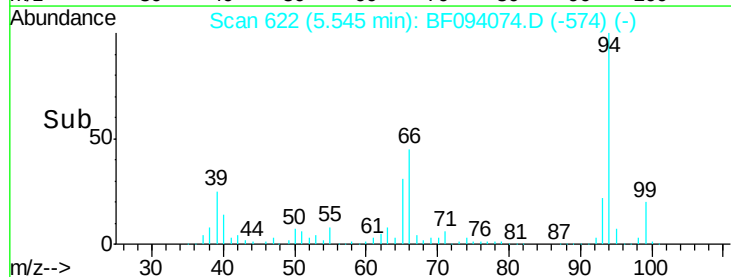
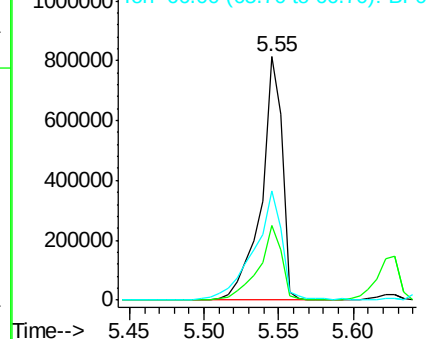
66 45.0 23.1 63.1

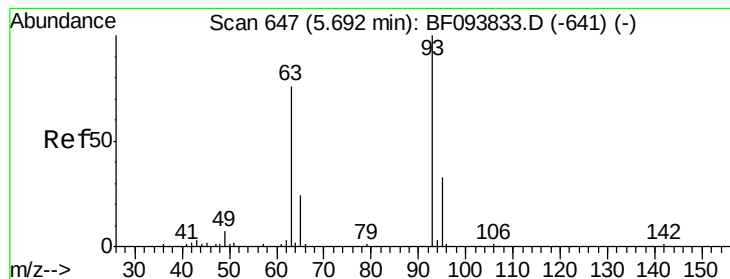


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 52.03 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

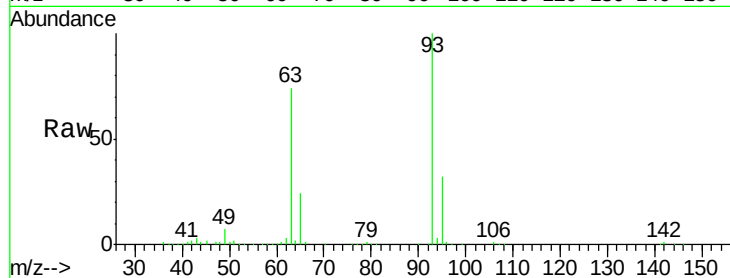
Tgt Ion: 93 Resp: 643381

Ion Ratio Lower Upper

93 100

63 73.6 59.2 99.2

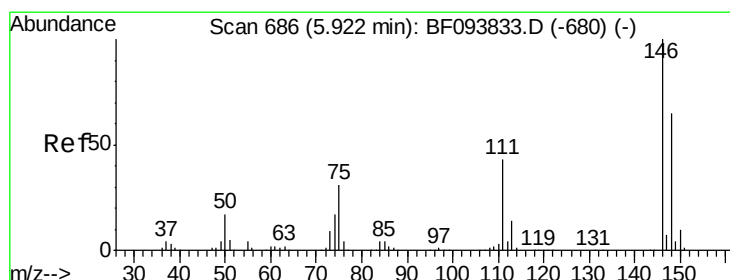
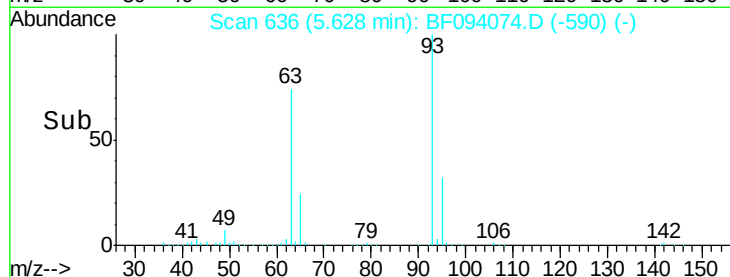
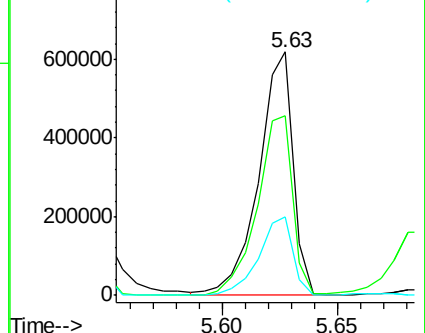
95 32.4 12.8 52.8



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: 50.25 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

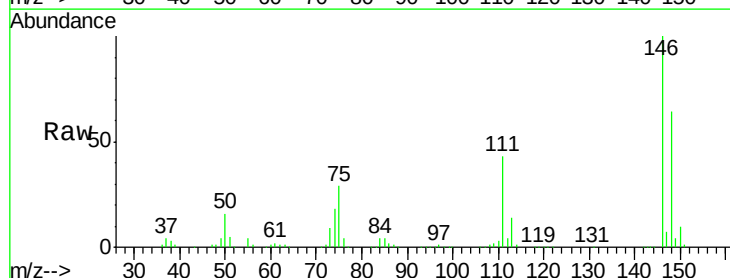
Tgt Ion: 146 Resp: 696389

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

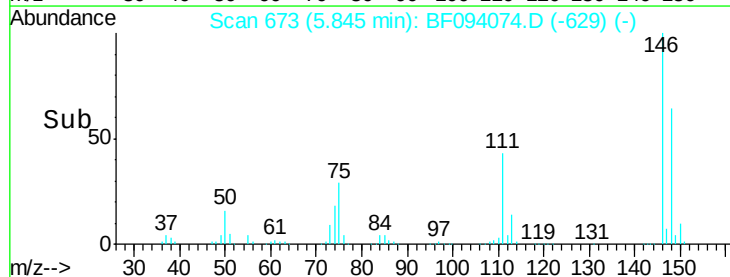
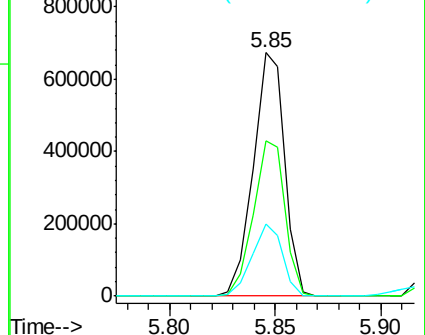
75 29.5 23.1 34.7

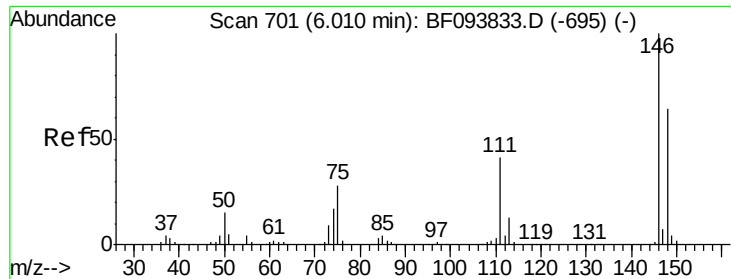


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

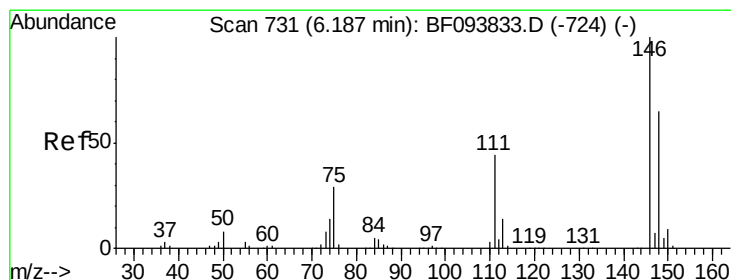
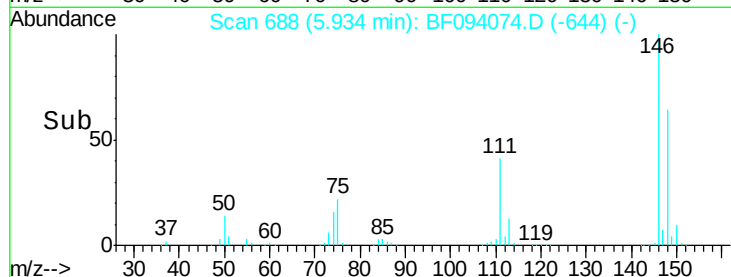
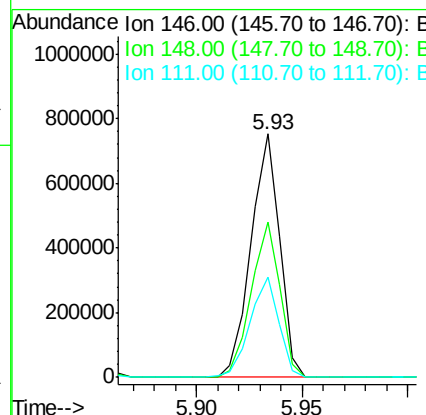
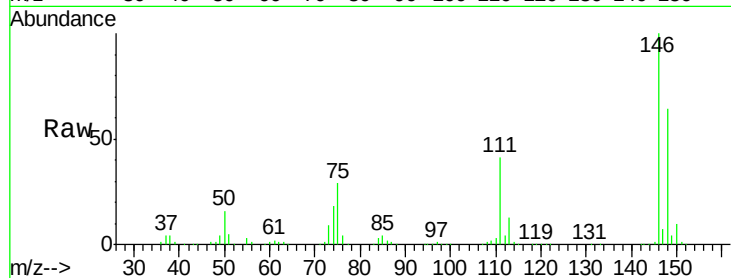




#13
 1,4-Dichlorobenzene
 Concen: 50.64 ng
 RT: 5.93 min Scan# 688
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

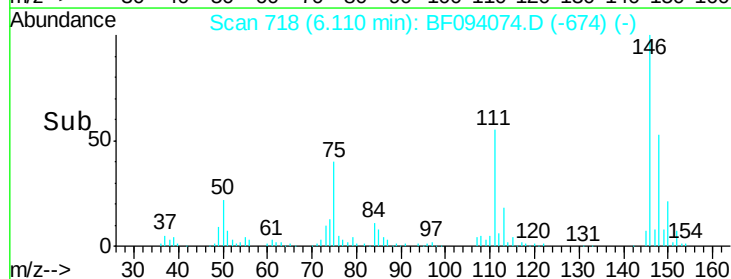
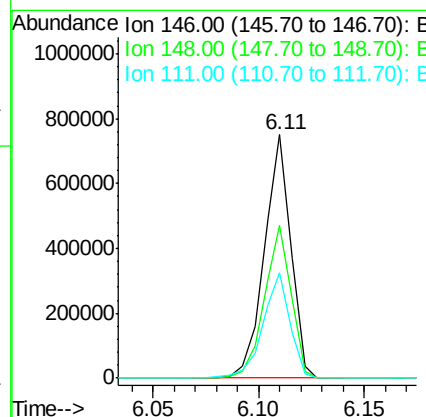
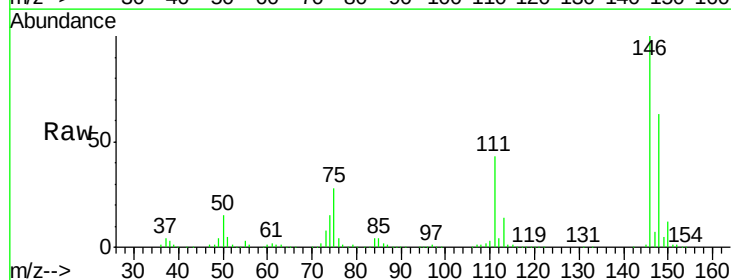
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

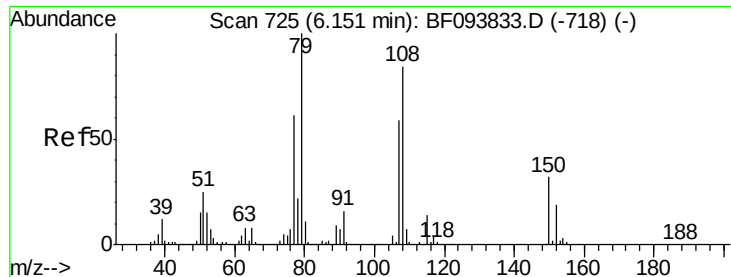
Tgt Ion:146 Resp: 710777
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 40.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 50.50 ng
 RT: 6.11 min Scan# 718
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:146 Resp: 652833
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 43.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 53.06 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

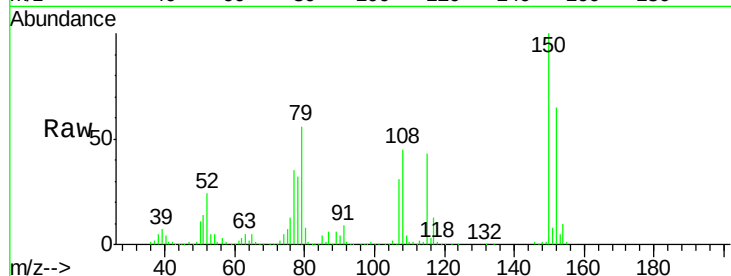
Tgt Ion: 79 Resp: 540048

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.0

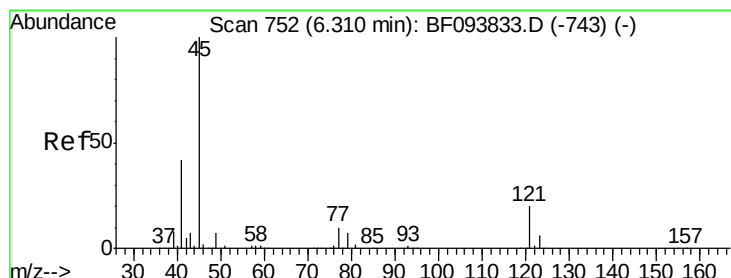
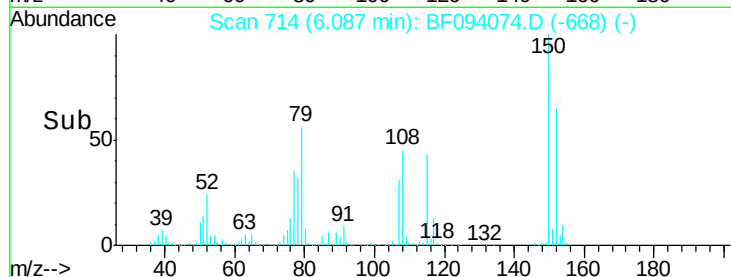
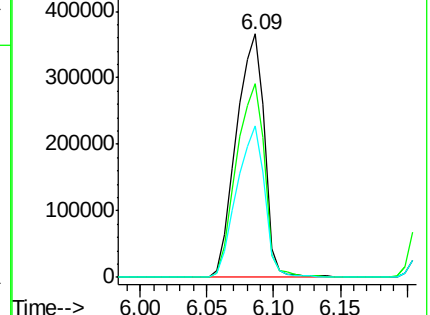
77 62.2 49.2 73.8



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: 45.47 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

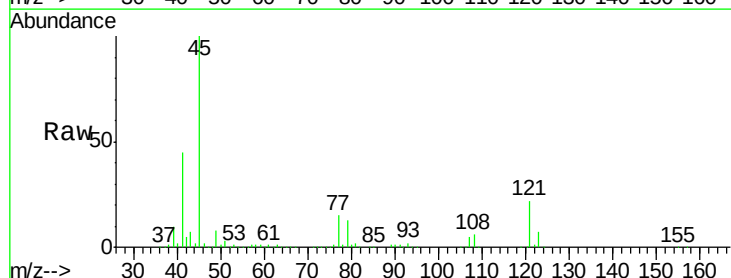
Tgt Ion: 45 Resp: 866399

Ion Ratio Lower Upper

45 100

77 15.4 0.0 33.2

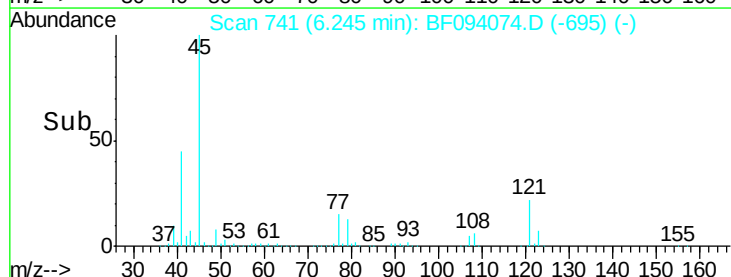
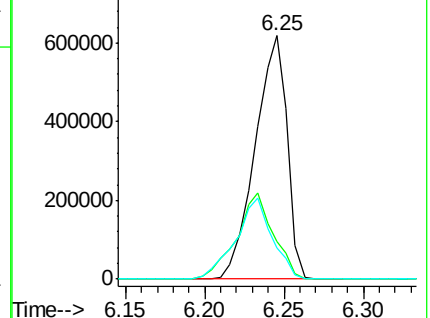
79 13.0 0.0 30.0

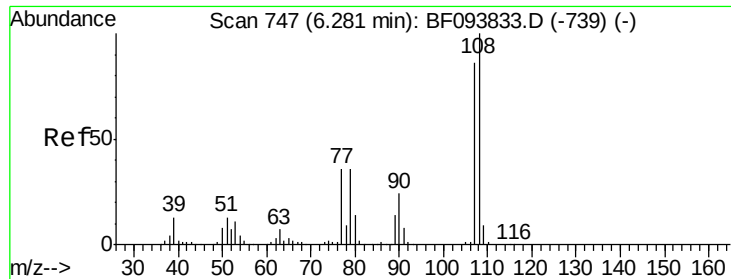


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

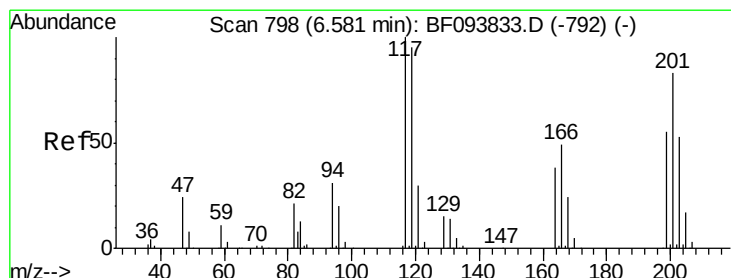
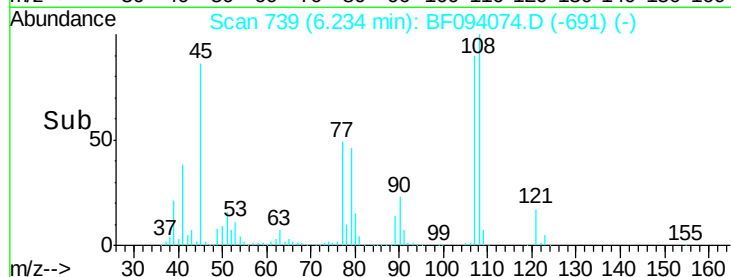
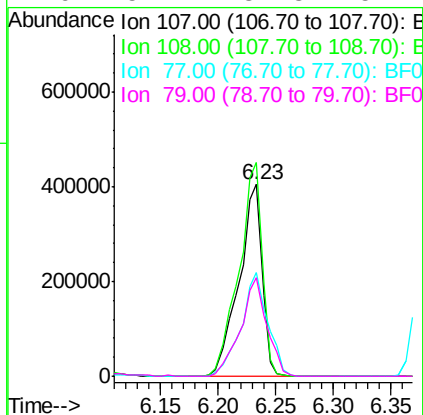
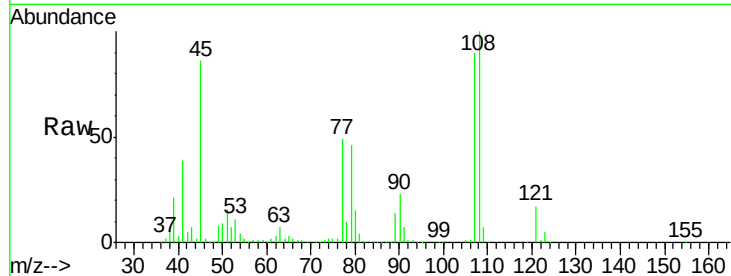




#17
2-Methylphenol
Concen: 53.25 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

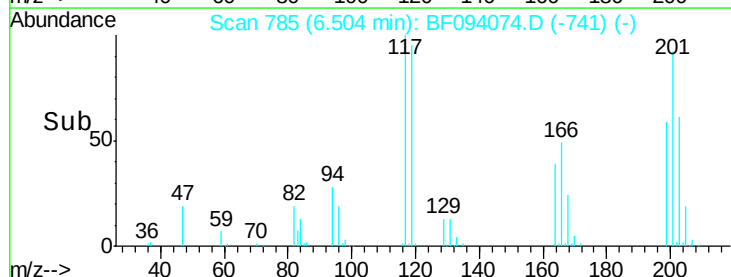
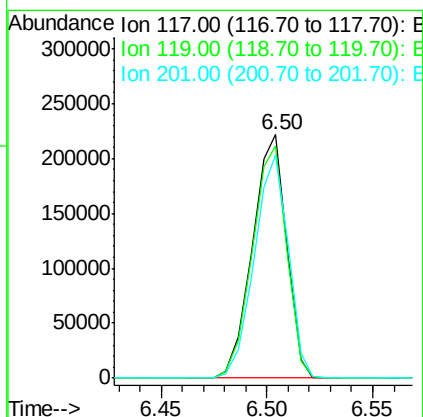
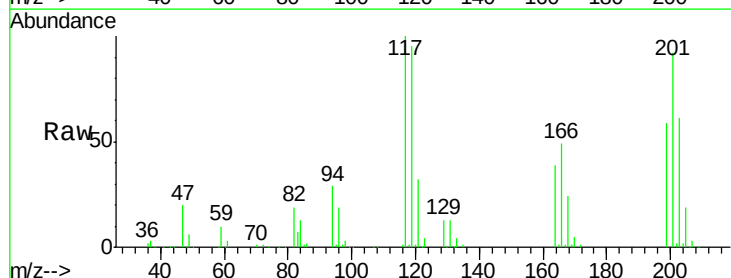
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

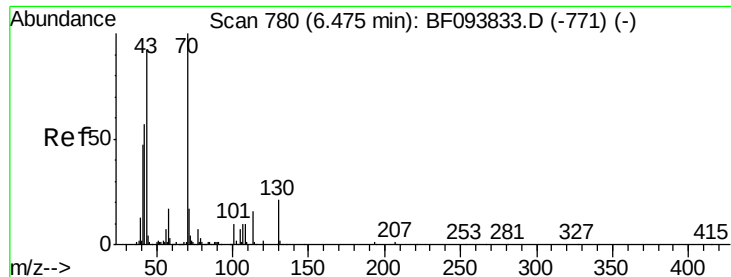
Tgt Ion:107 Resp: 563470
Ion Ratio Lower Upper
107 100
108 111.4 93.4 140.0
77 54.3 35.8 53.6#
79 51.2 34.8 52.2



#18
Hexachloroethane
Concen: 50.41 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:117 Resp: 248712
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 91.8 94.6 141.8#

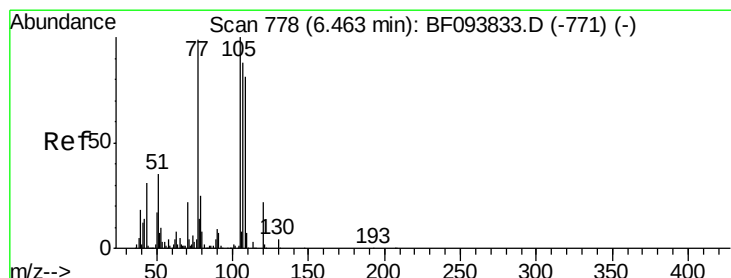
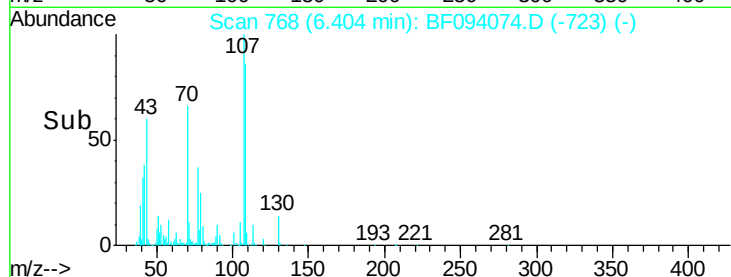
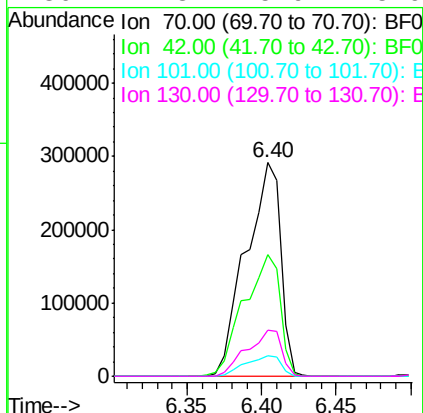
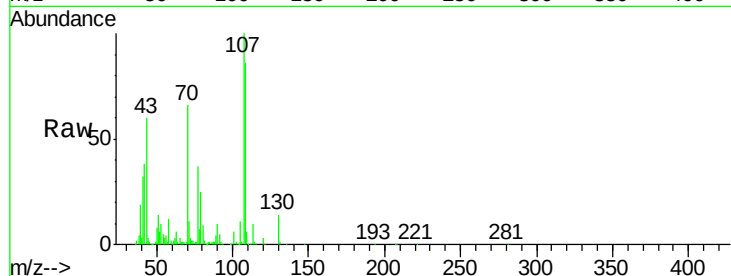




#19
n-Nitroso-di-n-propylamine
Concen: 52.73 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

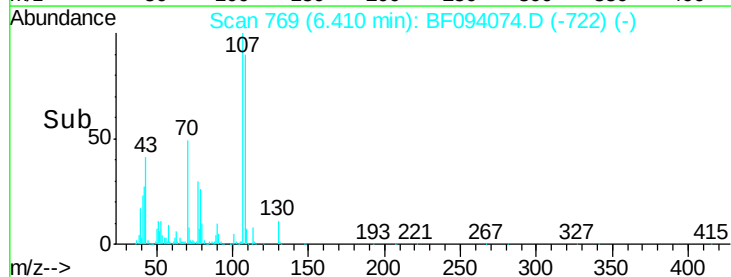
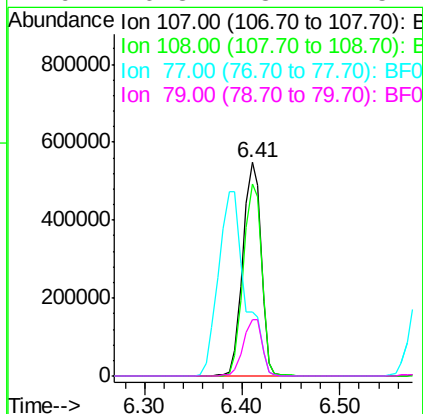
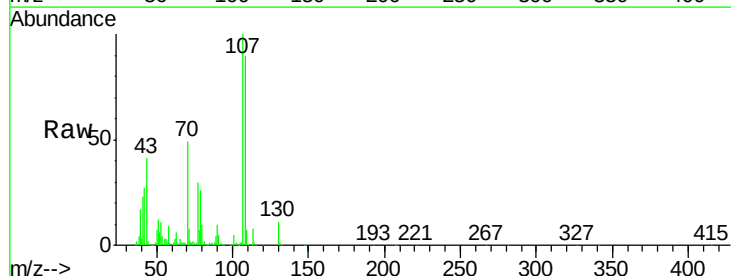
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

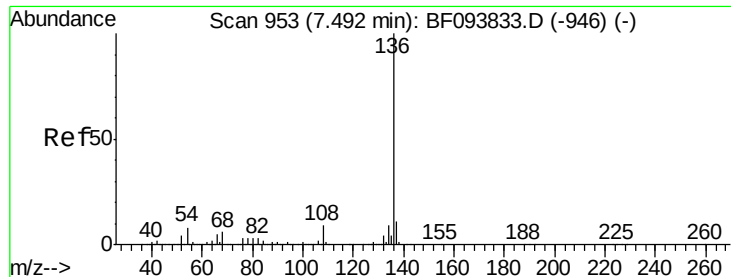
Tgt Ion:	70	Resp:	471228
Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.2	70.8
101	9.8	7.2	10.8
130	21.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 56.15 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:	107	Resp:	719618
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	30.2	90.5	130.5#
79	26.3	8.4	48.4

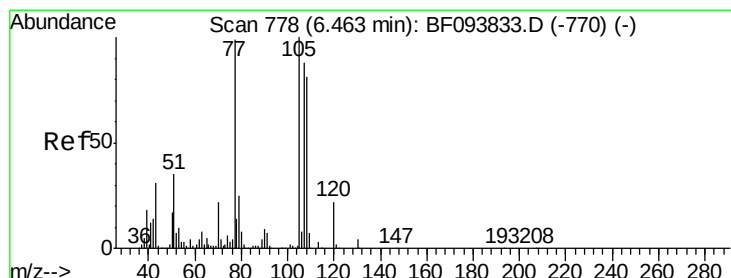
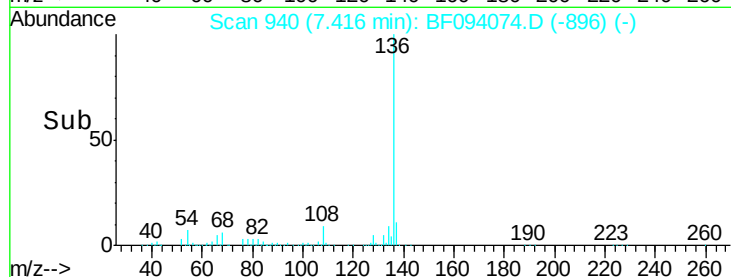
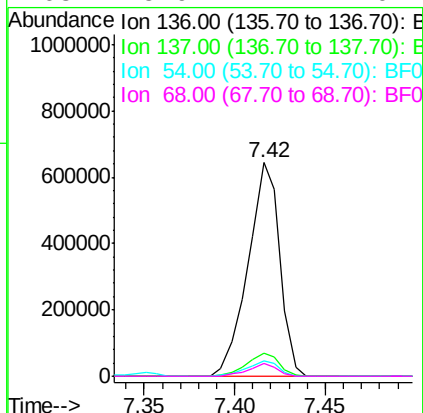
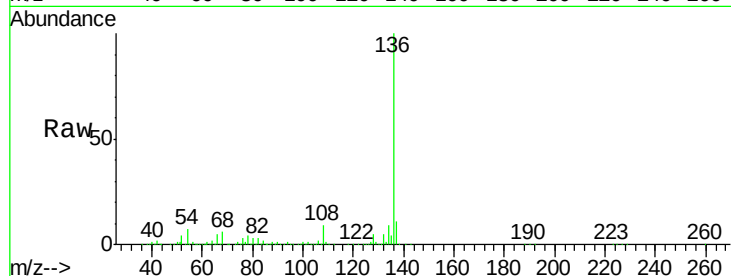




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

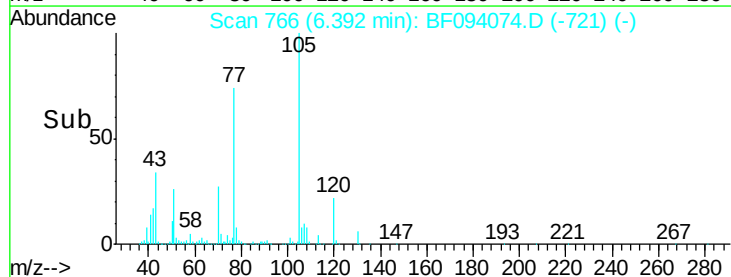
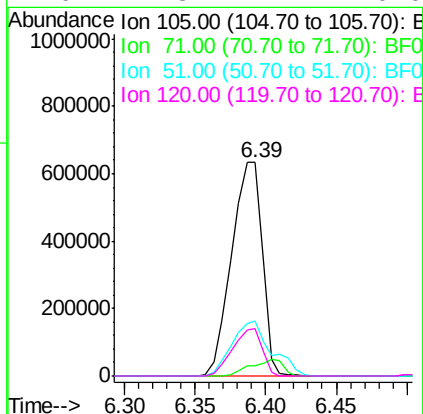
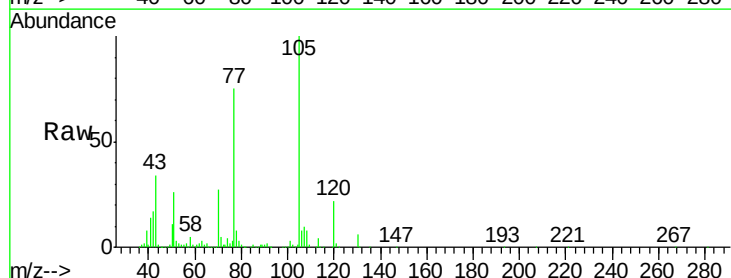
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

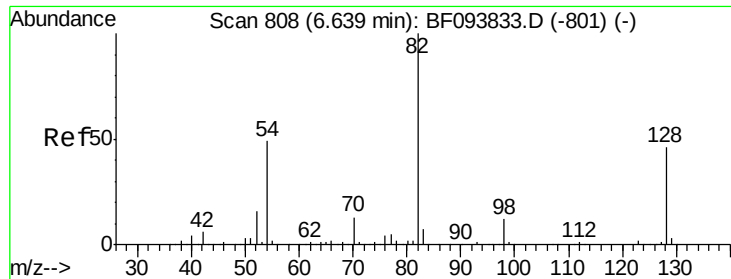
Tgt Ion:	136	Resp:	779156
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	5.9	4.1	6.1



#22
Acetophenone
Concen: 55.37 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:	105	Resp:	961569
Ion	Ratio	Lower	Upper
105	100		
71	4.6	2.8	4.2#
51	25.7	30.7	46.1#
120	22.3	17.4	26.0

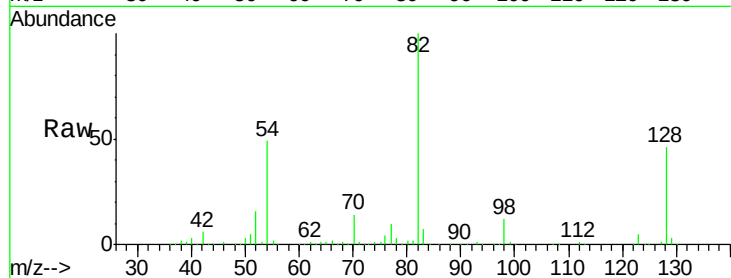




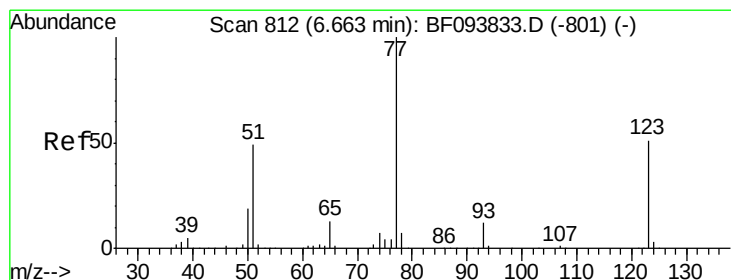
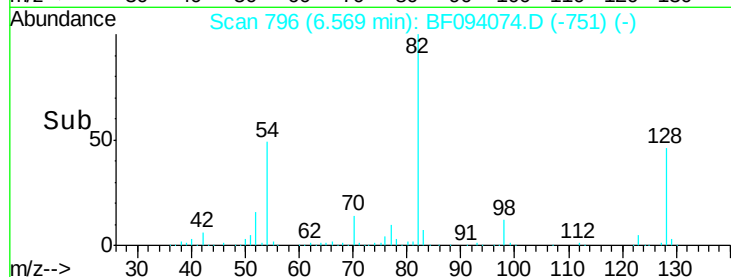
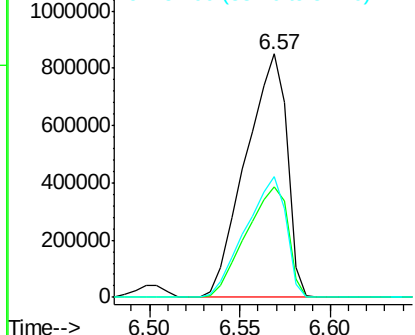
#23
 Nitrobenzene-d5
 Concen: 98.53 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion: 82 Resp: 1345273
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 49.4 42.2 63.2

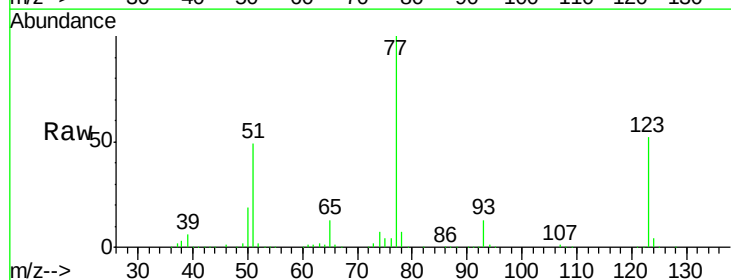


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

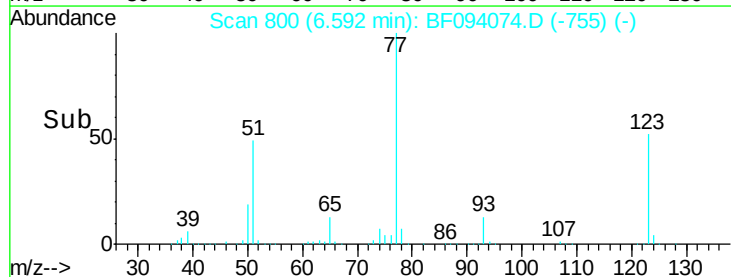
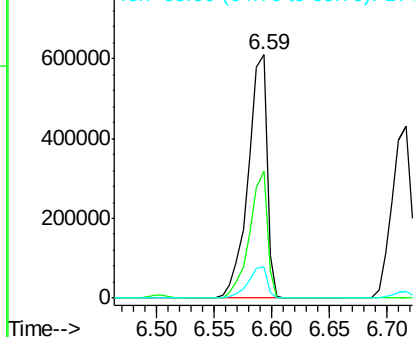


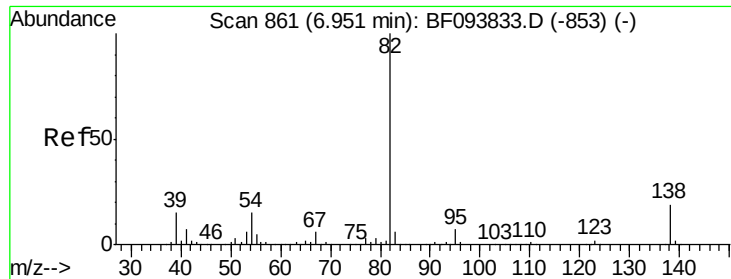
#24
 Nitrobenzene
 Concen: 51.39 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion: 77 Resp: 691964
 Ion Ratio Lower Upper
 77 100
 123 52.2 35.8 53.8
 65 13.0 10.6 15.8



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





#25

Isophorone

Concen: 53.67 ng

RT: 6.88 min Scan# 849

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

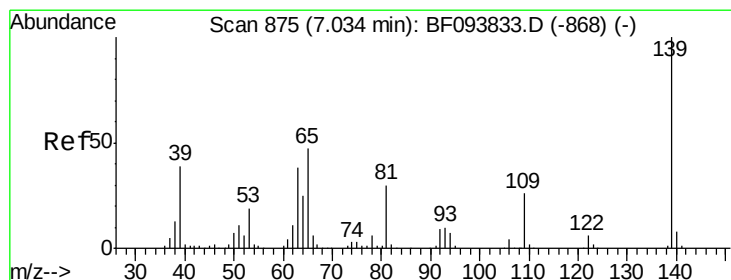
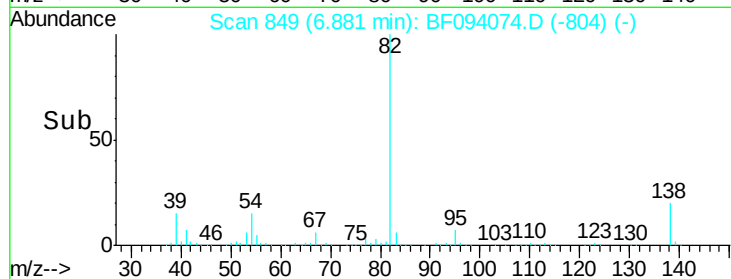
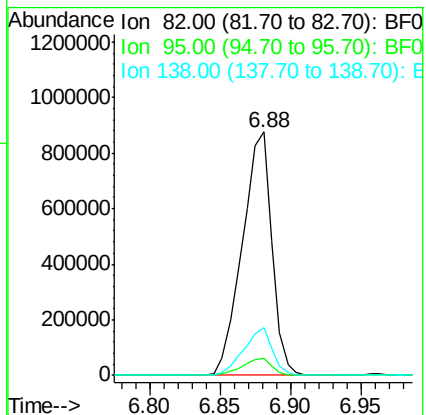
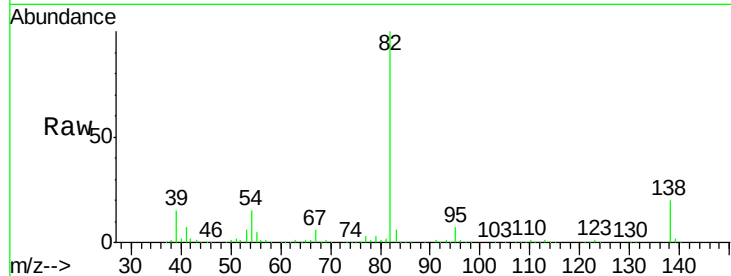
Tgt Ion: 82 Resp: 1287474

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 61.21 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

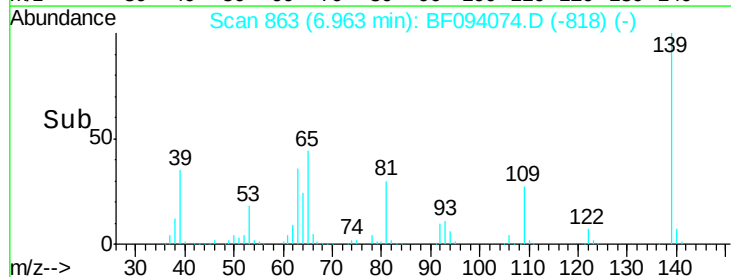
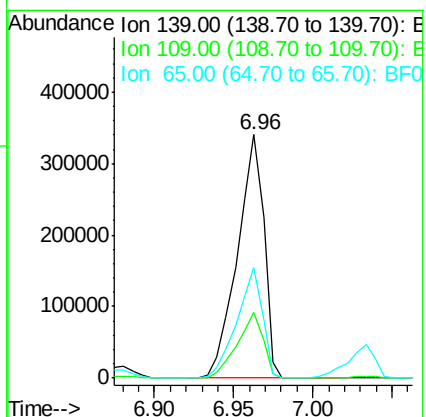
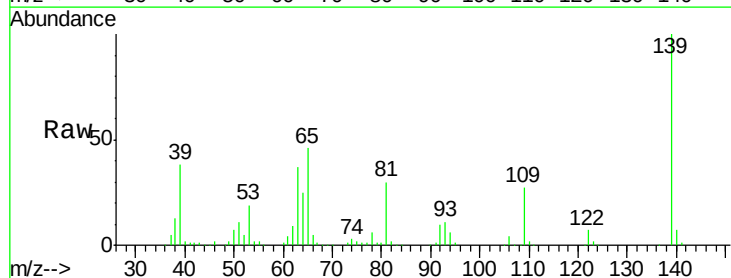
Tgt Ion: 139 Resp: 393078

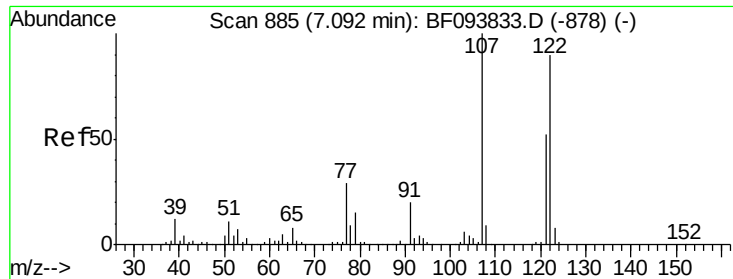
Ion Ratio Lower Upper

139 100

109 27.1 21.0 31.6

65 45.6 33.0 49.6

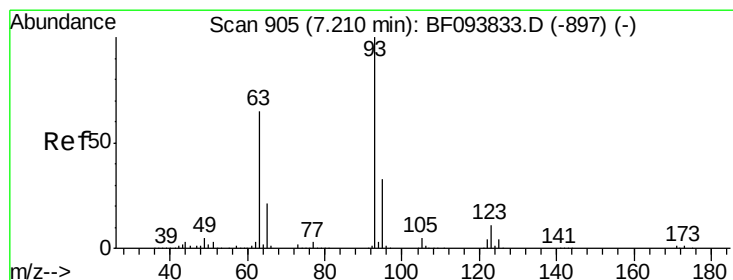
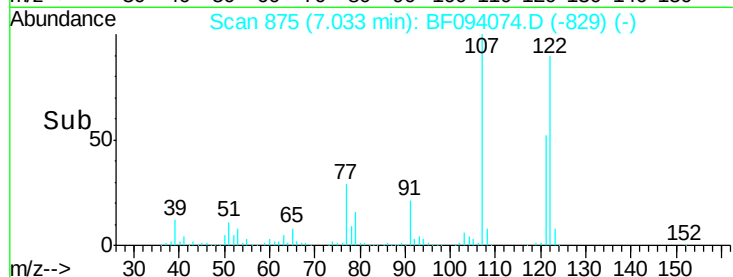
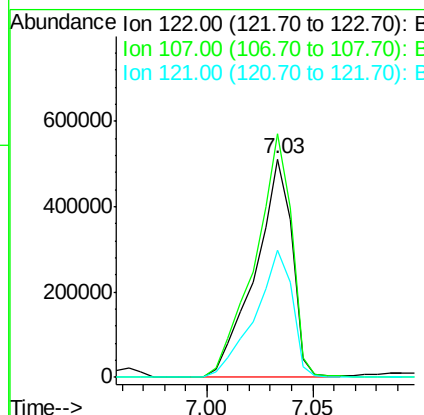
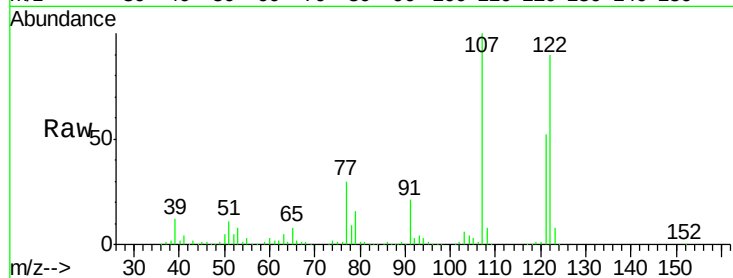




#27
2,4-Dimethylphenol
Concen: 56.37 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

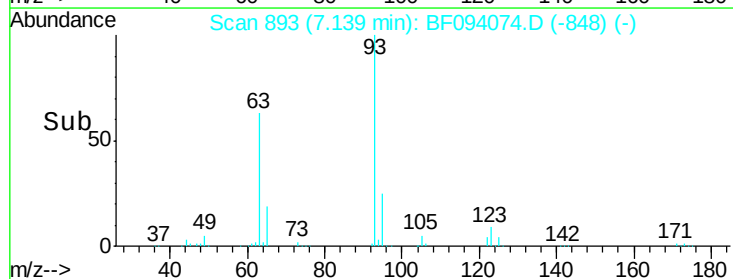
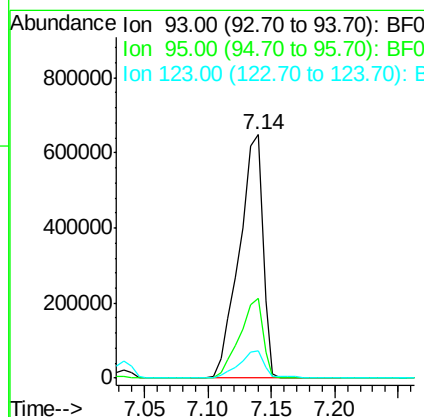
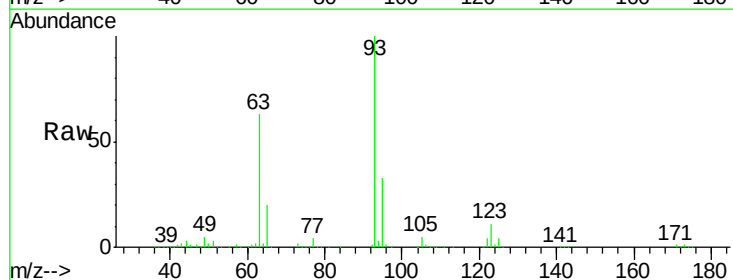
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

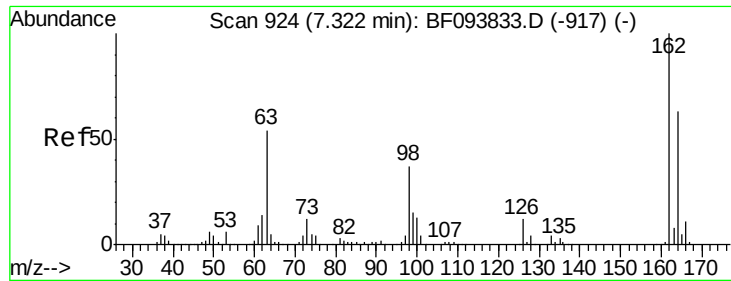
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.4	89.2	133.8
121	58.2	45.2	67.8



#28
bis(2-Chloroethoxy)methane
Concen: 52.91 ng
RT: 7.14 min Scan# 893
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.2	9.0	13.4

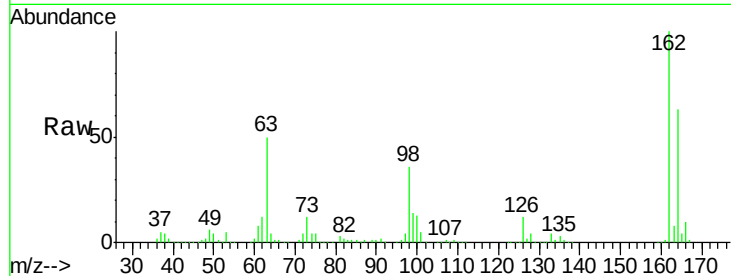




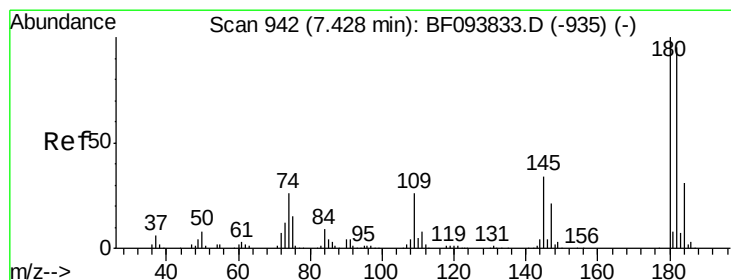
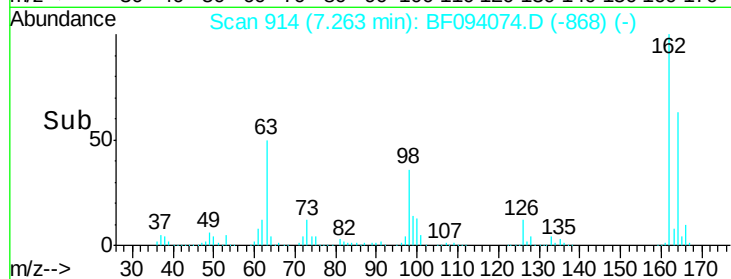
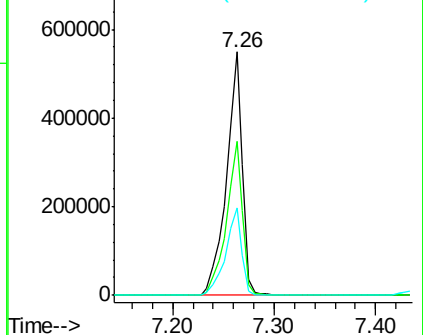
#29
 2,4-Dichlorophenol
 Concen: 57.60 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	35.7	14.8	54.8

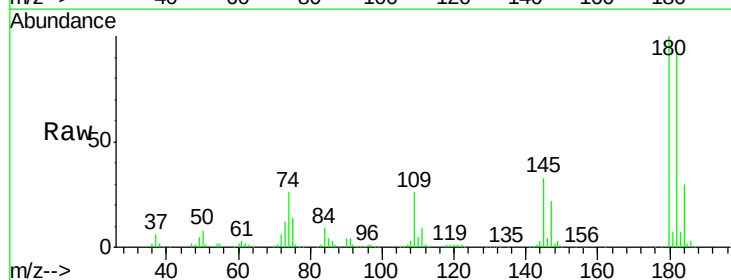


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

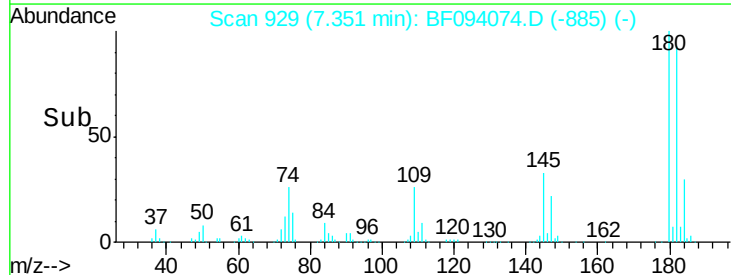
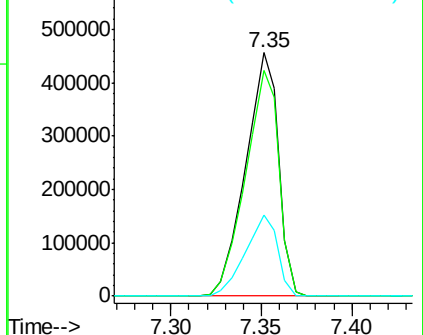


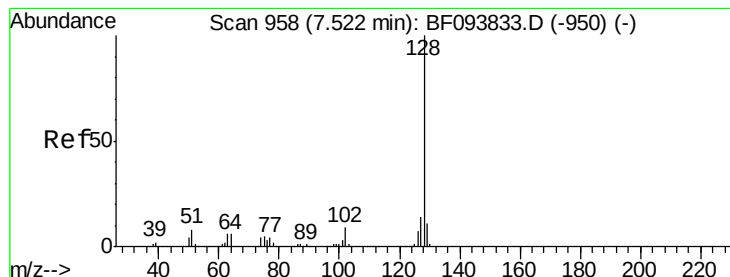
#30
 1,2,4-Trichlorobenzene
 Concen: 53.81 ng
 RT: 7.35 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.6
145	33.2	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: 50.70 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

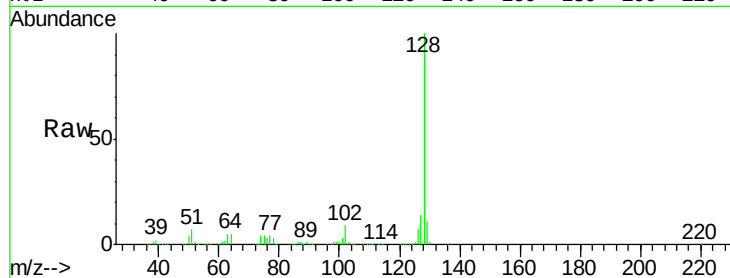
Tgt Ion:128 Resp: 1899595

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

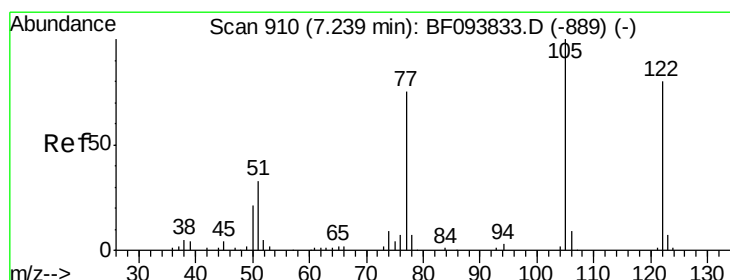
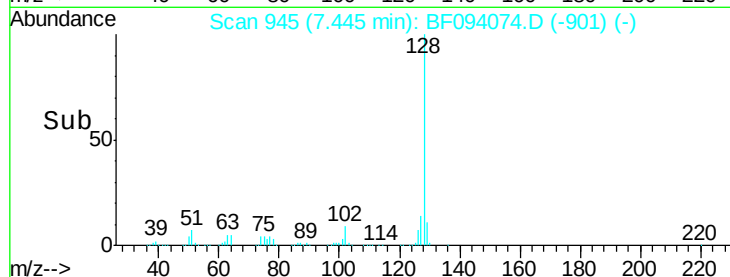
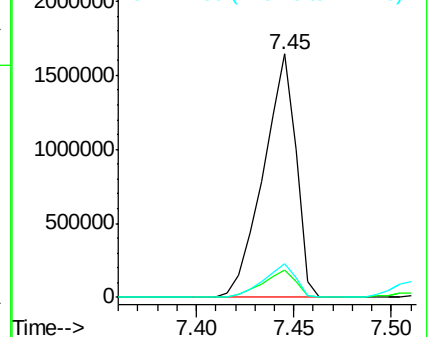
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.13 ng

RT: 7.16 min Scan# 897

Delta R.T. -0.05 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

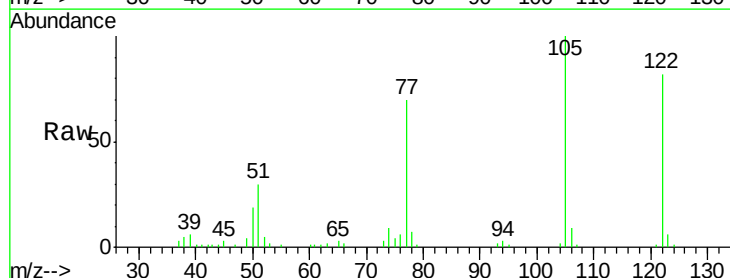
Tgt Ion:122 Resp: 133561

Ion Ratio Lower Upper

122 100

105 122.4 103.3 143.3

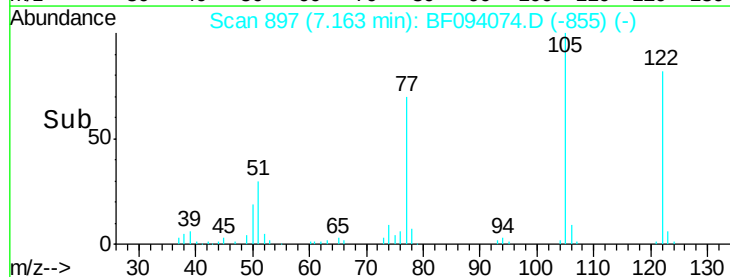
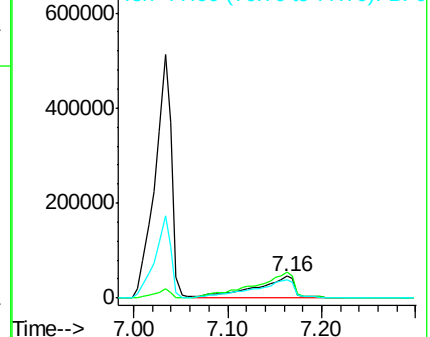
77 85.8 73.7 113.7

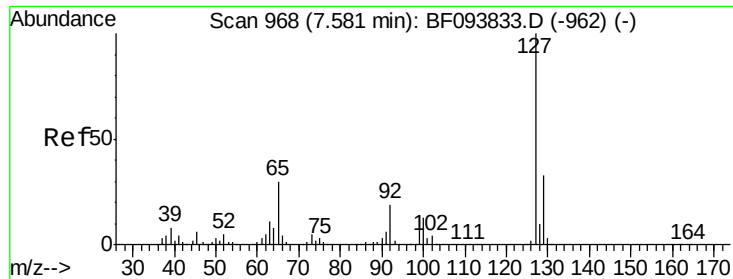


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

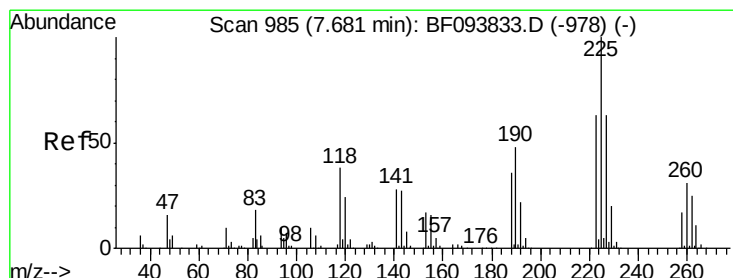
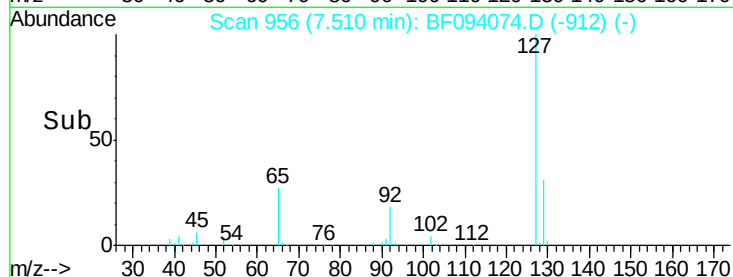
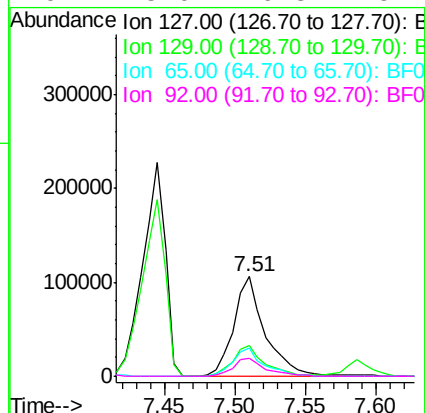
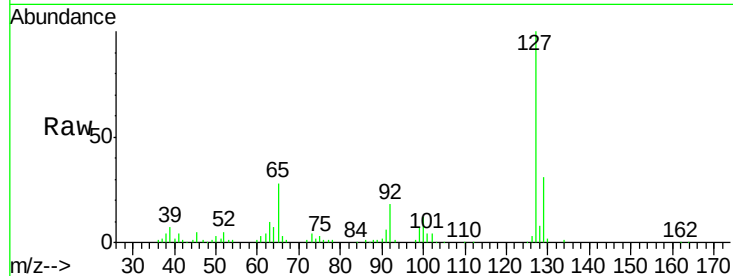




#33
4-Chloroaniline
Concen: 10.90 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

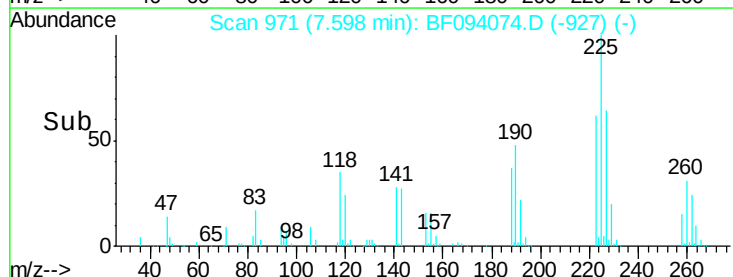
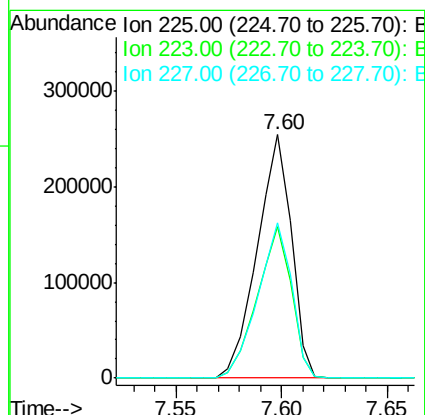
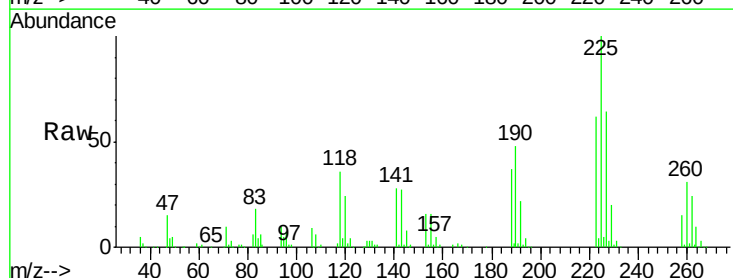
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

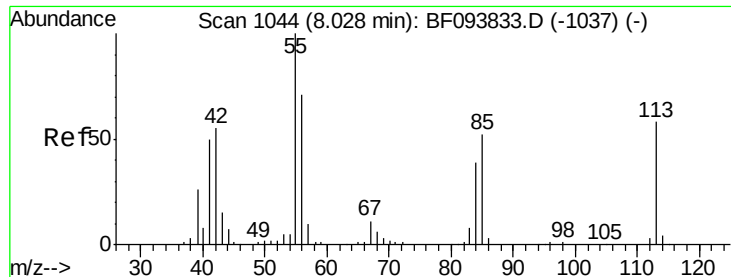
Tgt Ion:	127	Resp:	165457
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	28.1	27.8	41.8
92	18.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 52.42 ng
RT: 7.60 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:	225	Resp:	286463
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	63.8	51.1	76.7

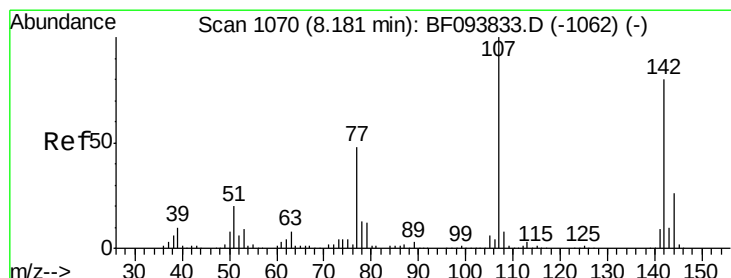
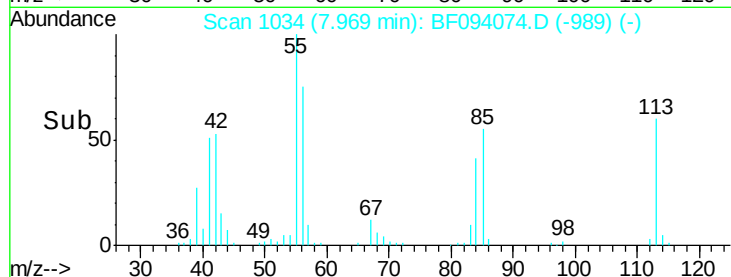
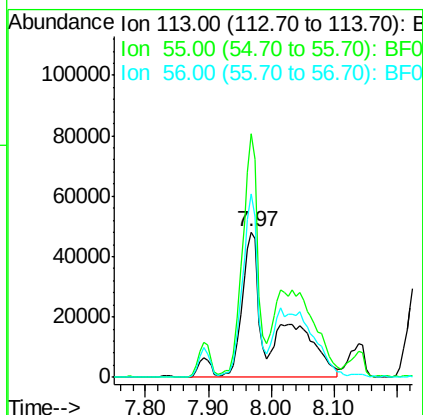
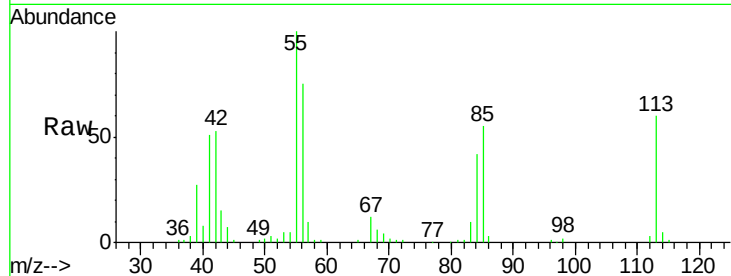




#35
 Caprolactam
 Concen: 52.92 ng m
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

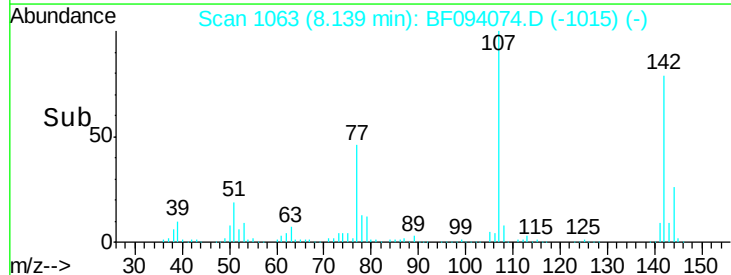
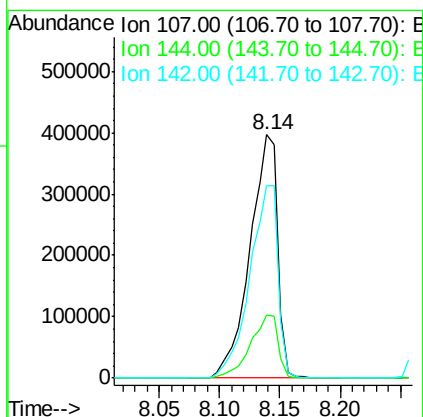
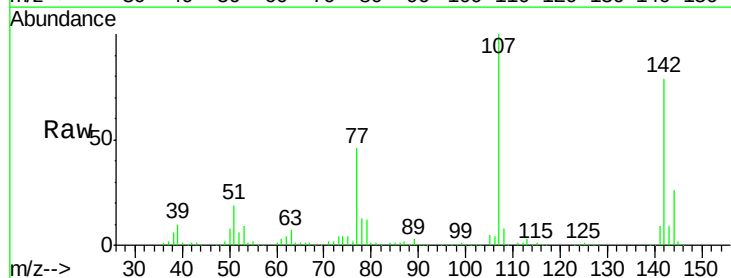
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

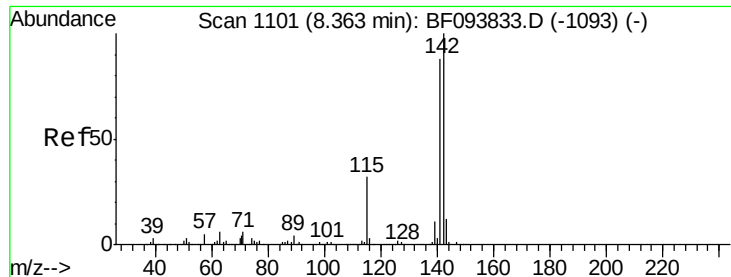
Tgt Ion:113 Resp: 174580
 Ion Ratio Lower Upper
 113 100
 55 167.7 150.2 190.2
 56 126.2 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 58.70 ng
 RT: 8.14 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:107 Resp: 634511
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 78.8 73.4 110.0

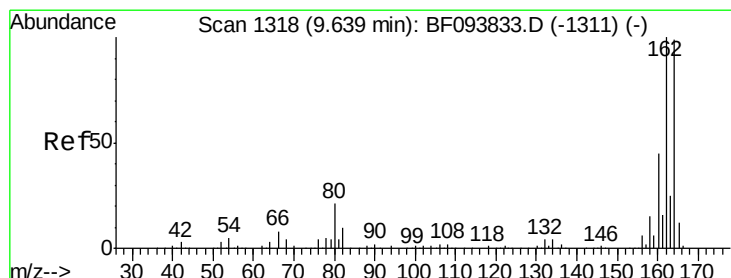
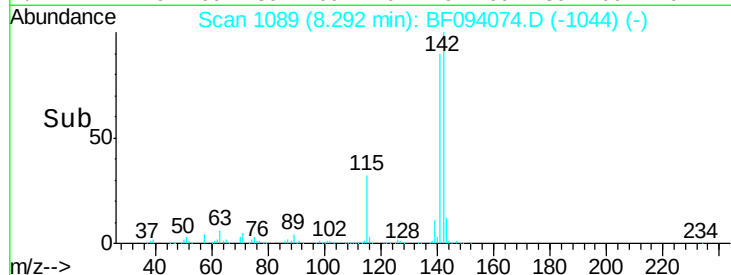
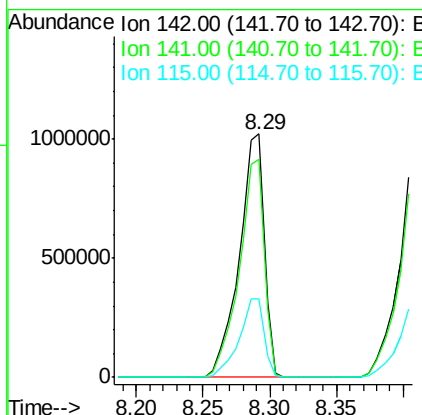
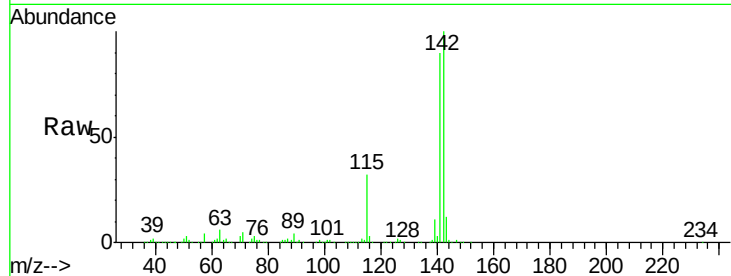




#37
 2-Methylnaphthalene
 Concen: 53.27 ng
 RT: 8.29 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

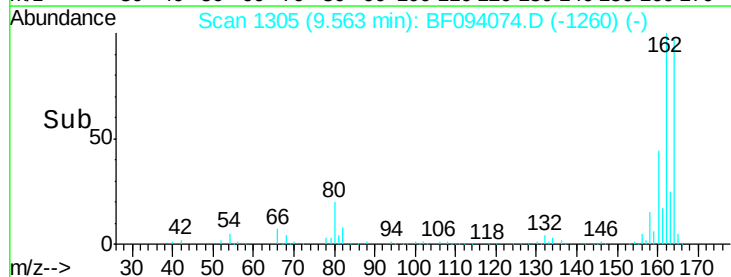
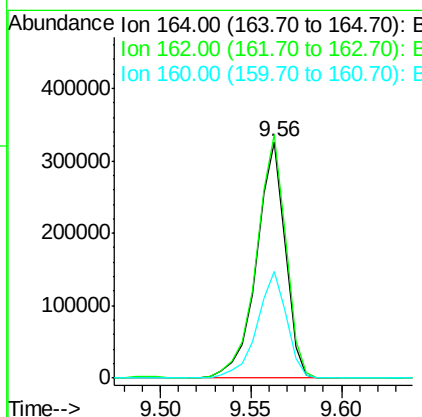
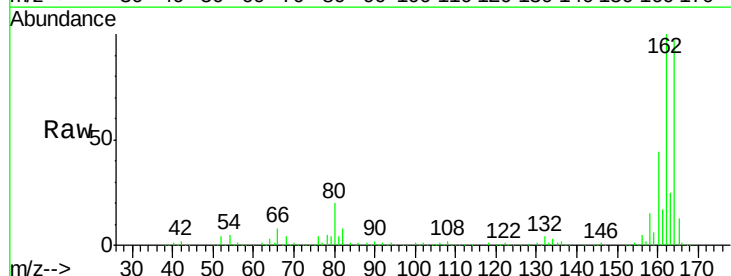
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

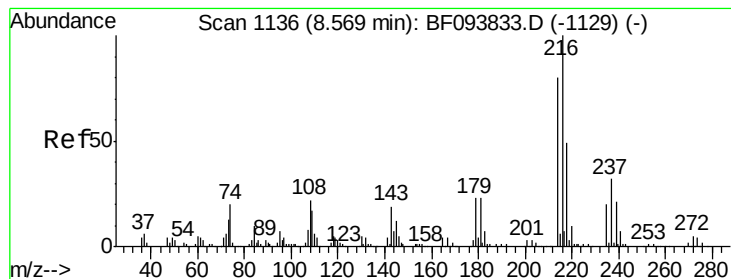
Tgt Ion:142 Resp: 1330285
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.3 106.9
 115 32.0 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:164 Resp: 358724
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.4 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.04 ng

RT: 8.50 min Scan# 1124

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

Tgt Ion:216 Resp: 491033

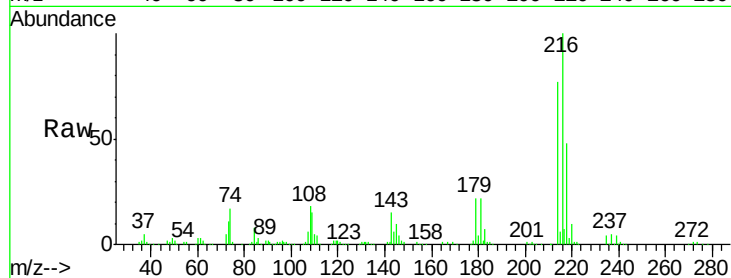
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.0 17.9 26.9

108 22.6 16.5 24.7

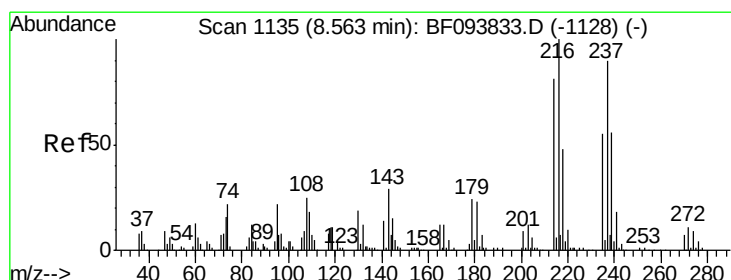
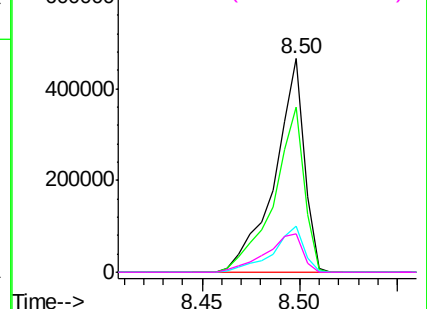
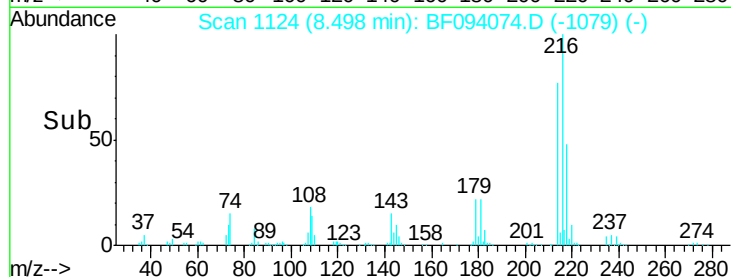


Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.99 ng

RT: 8.49 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

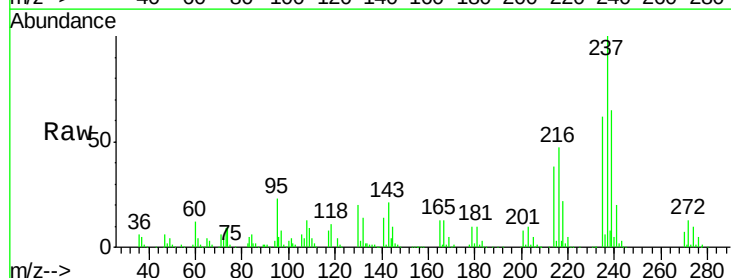
Tgt Ion:237 Resp: 486725

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

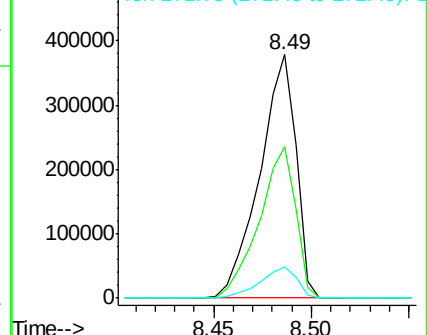
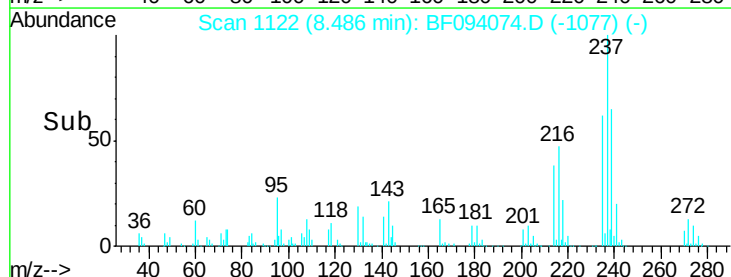
272 12.9 0.0 31.9

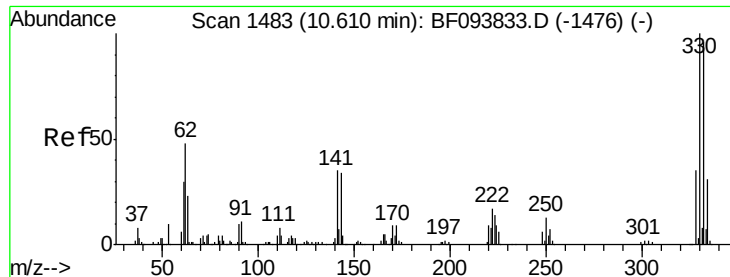


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

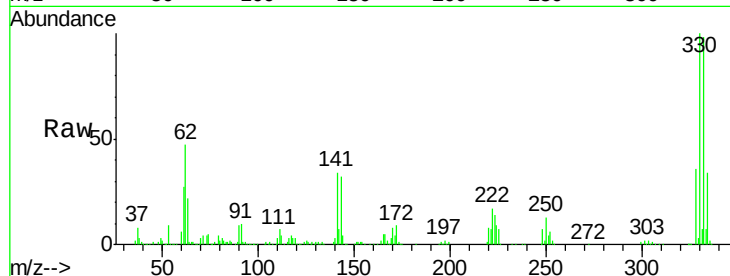




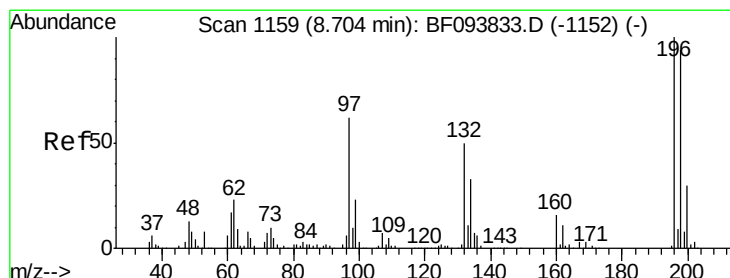
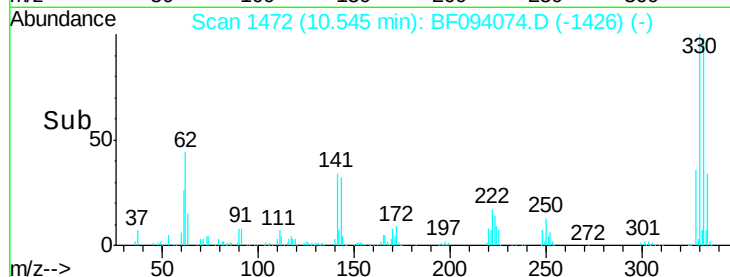
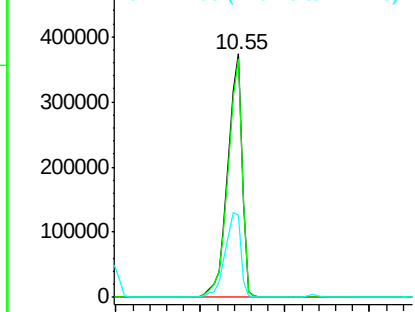
#41
 2,4,6-Tribromophenol
 Concen: 154.93 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion:330 Resp: 439166
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.5 31.4 47.2

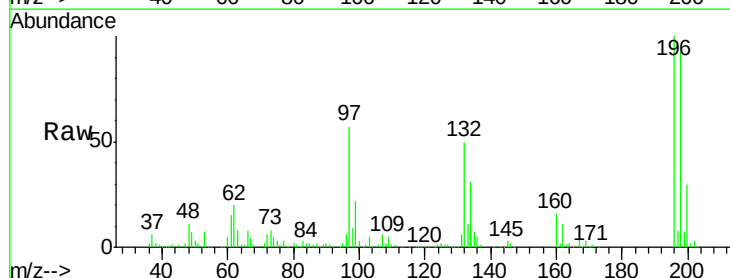


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

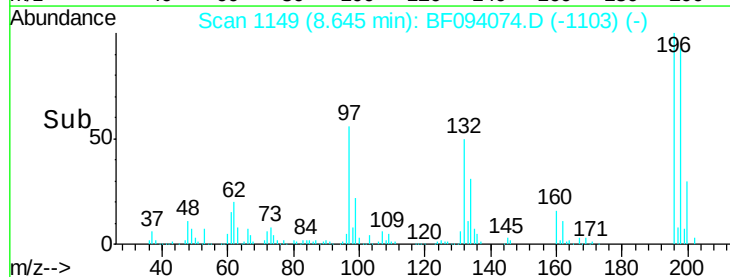
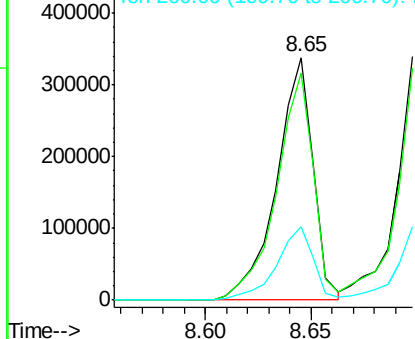


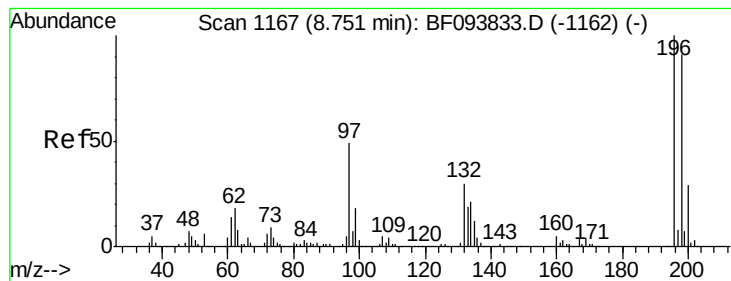
#42
 2,4,6-Trichlorophenol
 Concen: 58.56 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:196 Resp: 406584
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.2 111.4
 200 30.1 24.0 36.0



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





#43

2,4,5-Trichlorophenol

Concen: 52.84 ng

RT: 8.70 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

Tgt Ion:196 Resp: 396955

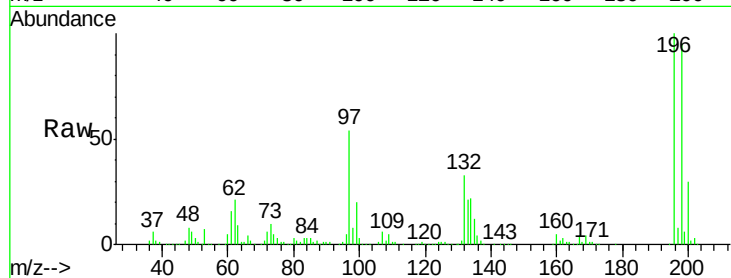
Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

97 54.2 47.7 71.5

132 33.0 28.0 42.0

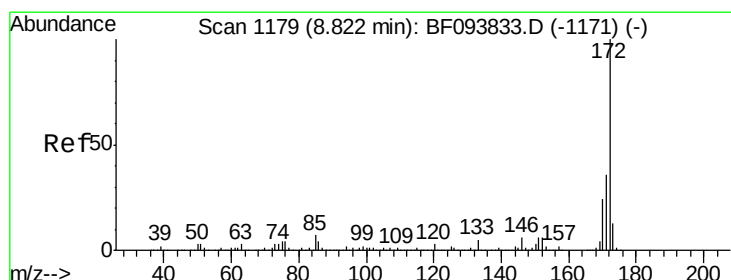
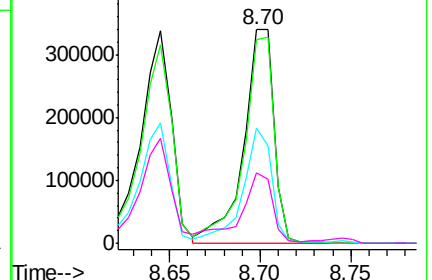
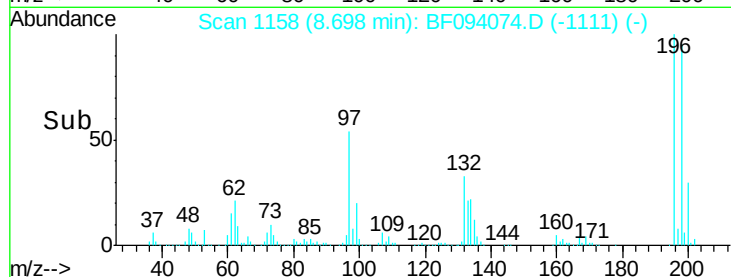


Abundance Ion 196.00 (195.70 to 196.70): E

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: 95.89 ng

RT: 8.75 min Scan# 1166

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

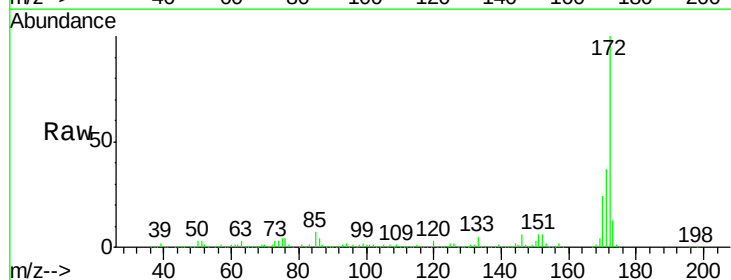
Tgt Ion:172 Resp: 2255145

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

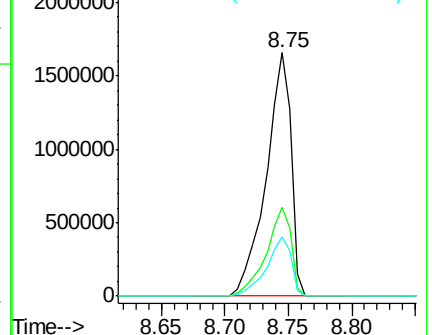
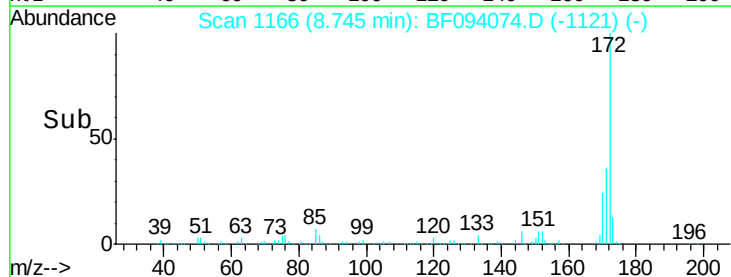
170 24.1 19.8 29.8

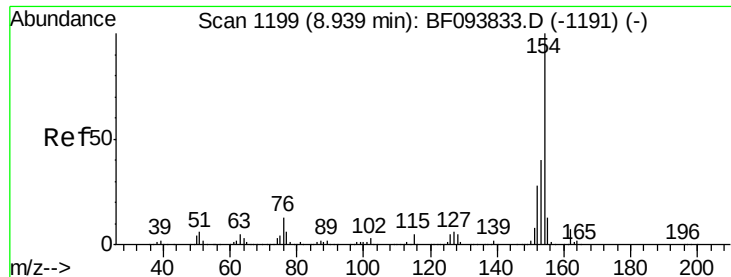


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

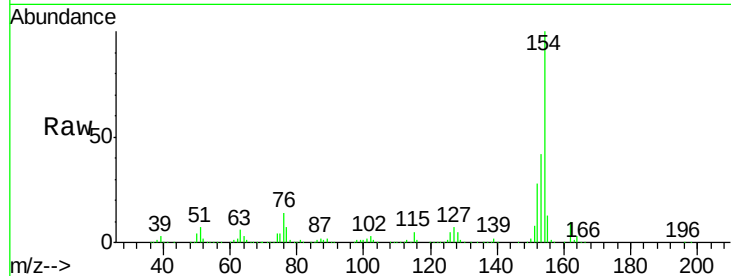




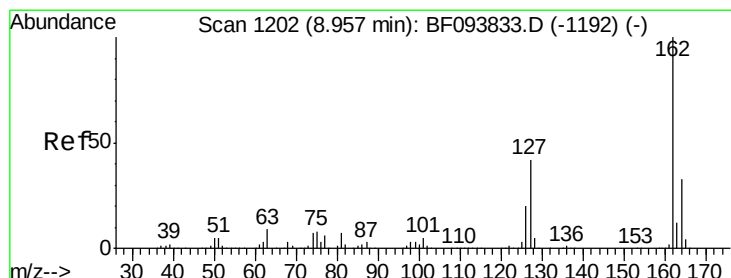
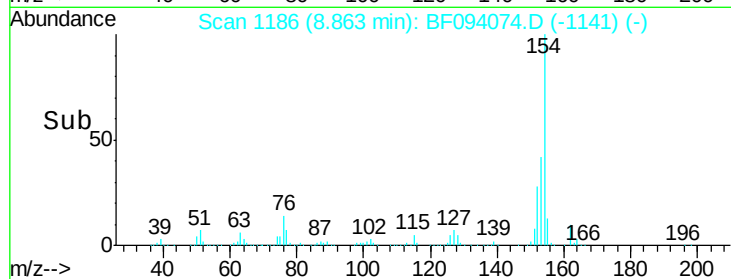
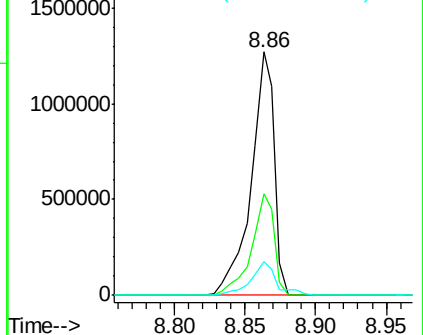
#45
 1,1'-Biphenyl
 Concen: 50.51 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion:154 Resp: 1461598
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.2 61.2
 76 14.0 0.0 29.9

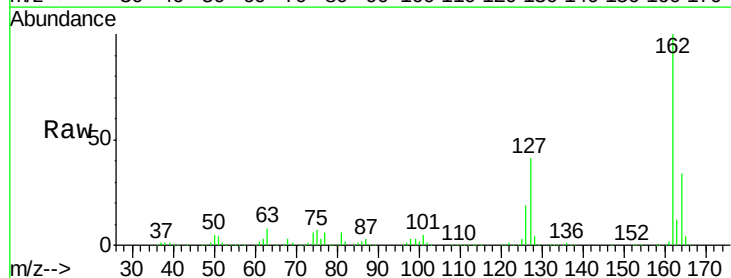


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

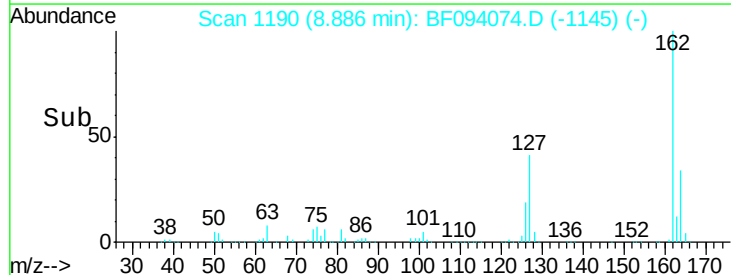
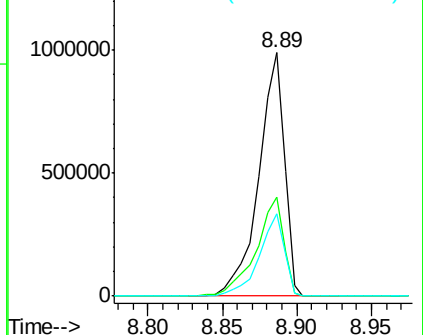


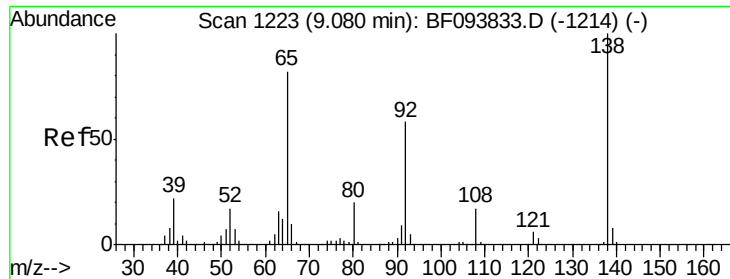
#46
 2-Chloronaphthalene
 Concen: 51.52 ng
 RT: 8.89 min Scan# 1190
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:162 Resp: 1166818
 Ion Ratio Lower Upper
 162 100
 127 40.8 28.3 42.5
 164 33.7 27.0 40.4



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





#47

2-Nitroaniline

Concen: 52.92 ng

RT: 9.02 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

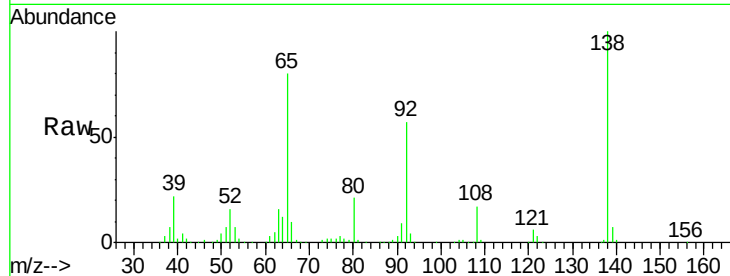
Tgt Ion: 65 Resp: 355548

Ion Ratio Lower Upper

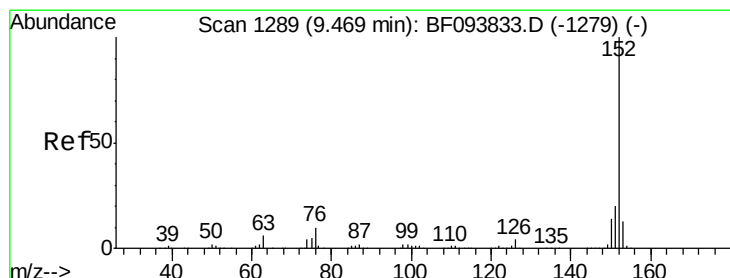
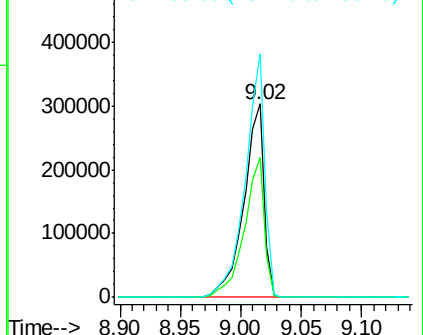
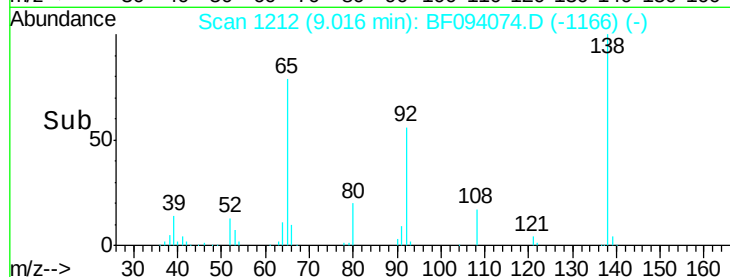
65 100

92 72.2 53.9 80.9

138 125.8 78.8 118.2#



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



#48

Acenaphthylene

Concen: 47.78 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

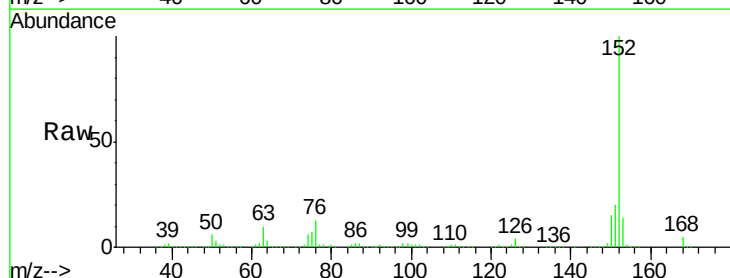
Tgt Ion: 152 Resp: 1798430

Ion Ratio Lower Upper

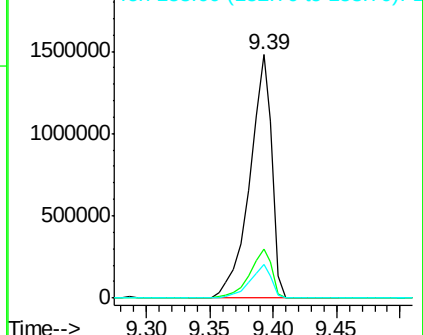
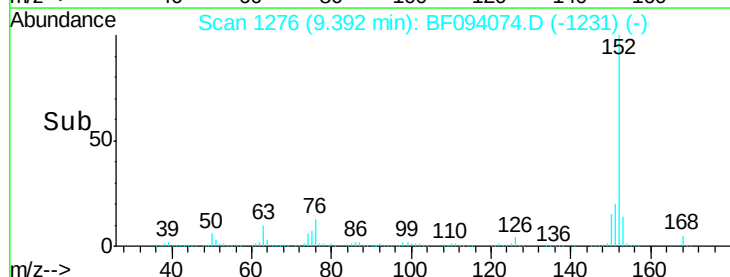
152 100

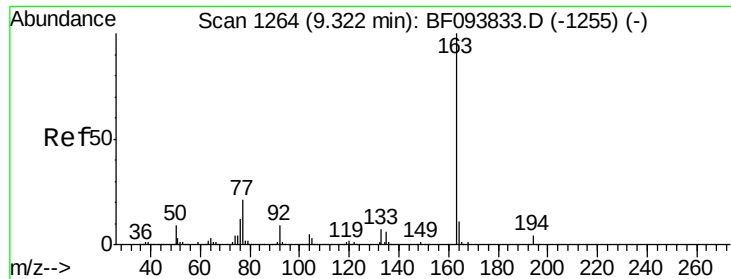
151 20.4 16.8 25.2

153 13.7 10.8 16.2



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

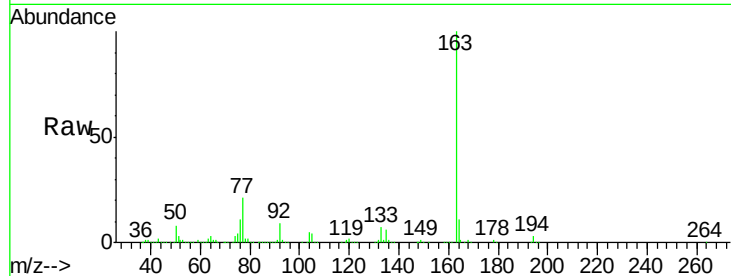




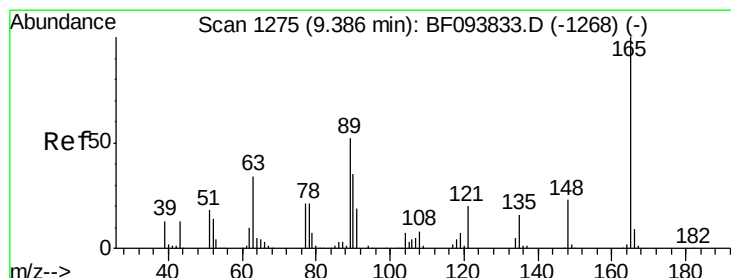
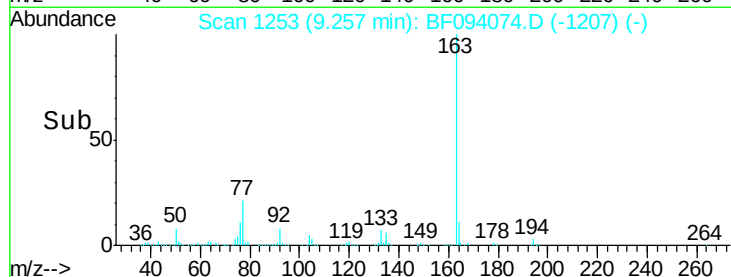
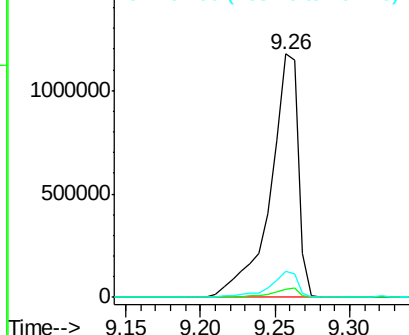
#49
Dimethylphthalate
Concen: 60.25 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

Tgt Ion:163 Resp: 1536474
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6

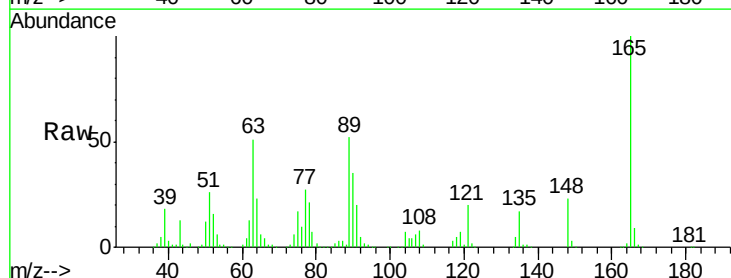


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

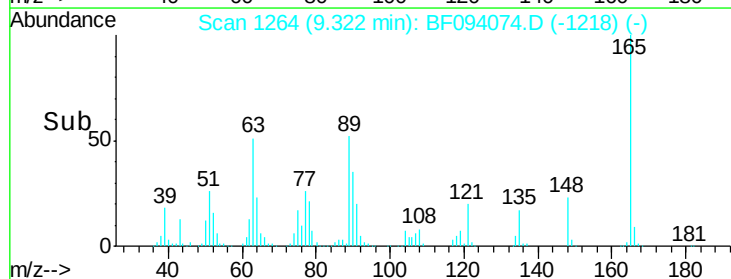
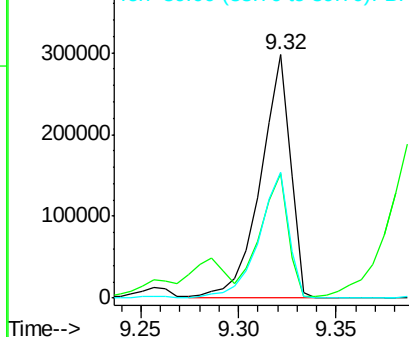


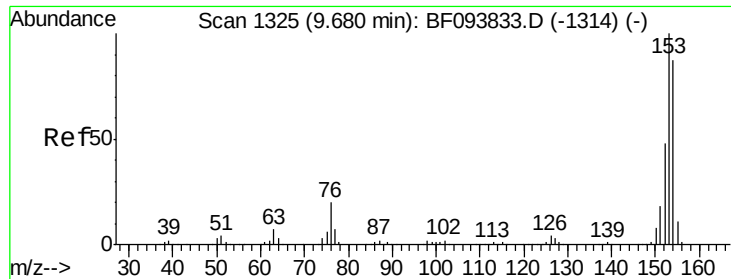
#50
2,6-Dinitrotoluene
Concen: 54.14 ng
RT: 9.32 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:165 Resp: 316445
Ion Ratio Lower Upper
165 100
63 51.3 34.3 51.5
89 51.6 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.99 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

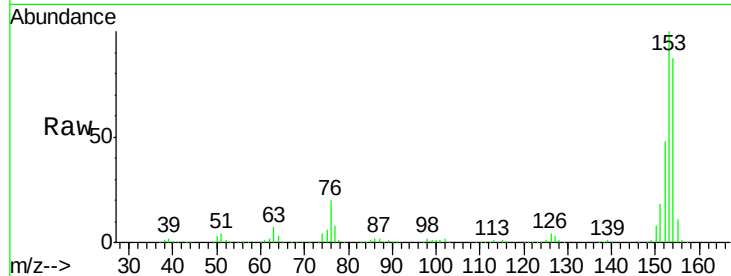
Tgt Ion:154 Resp: 1076122

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

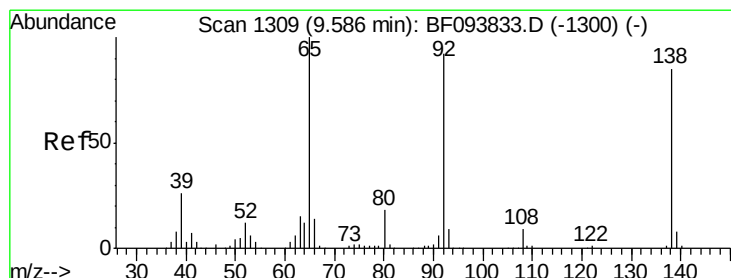
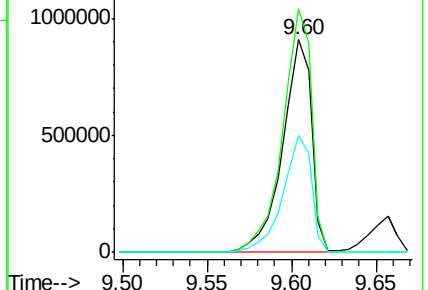
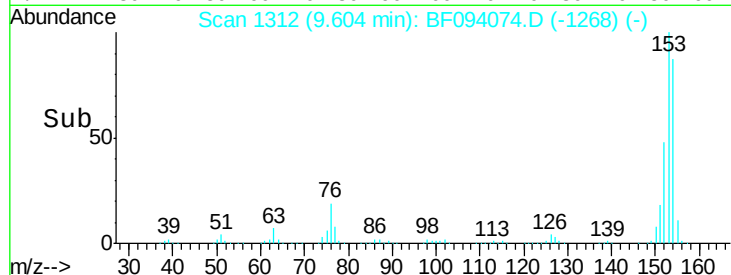
152 54.8 43.6 65.4



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: 23.32 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

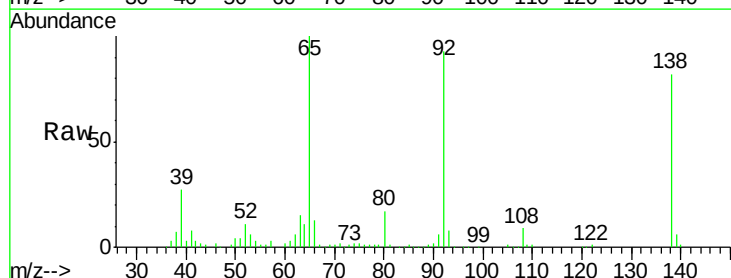
Tgt Ion:138 Resp: 160045

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

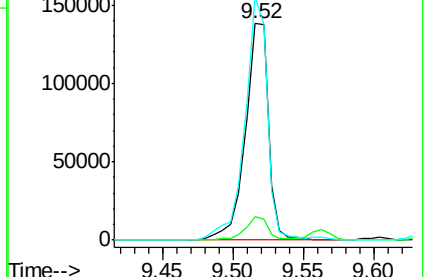
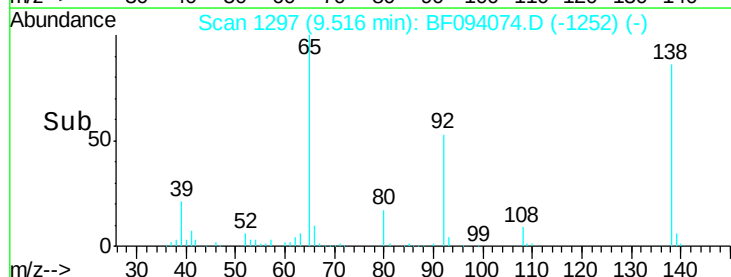
92 112.5 93.8 140.6

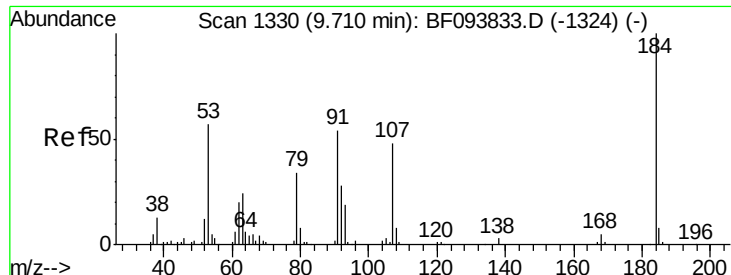


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

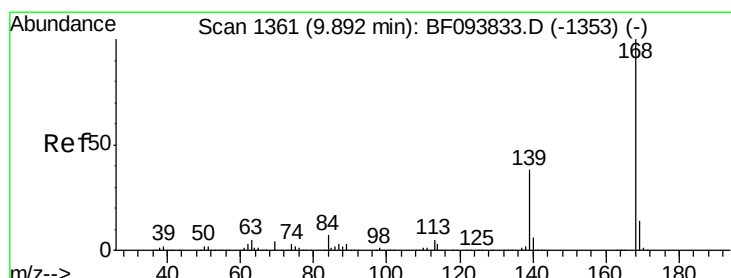
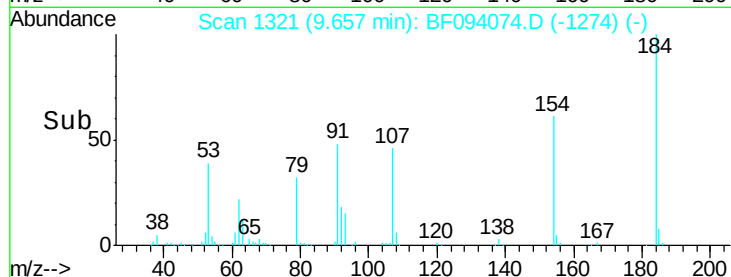
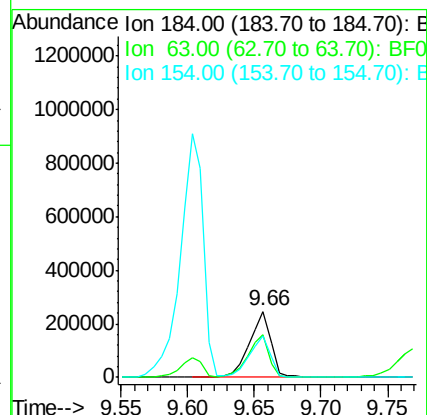
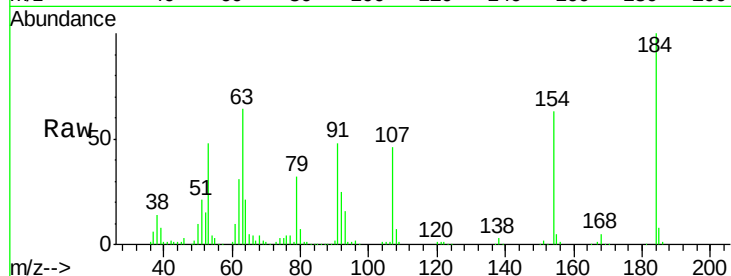




#53
 2,4-Dinitrophenol
 Concen: 86.89 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

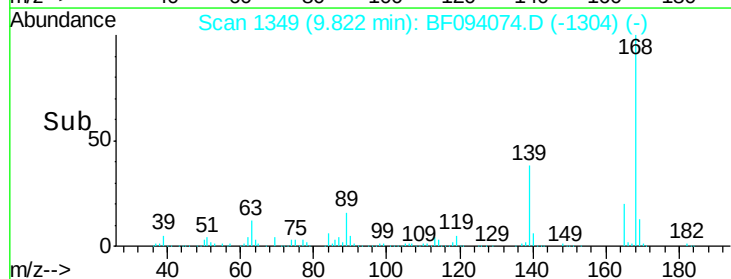
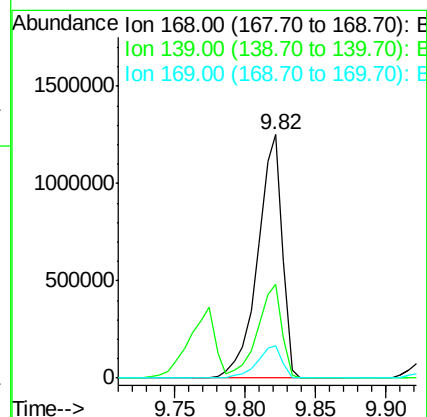
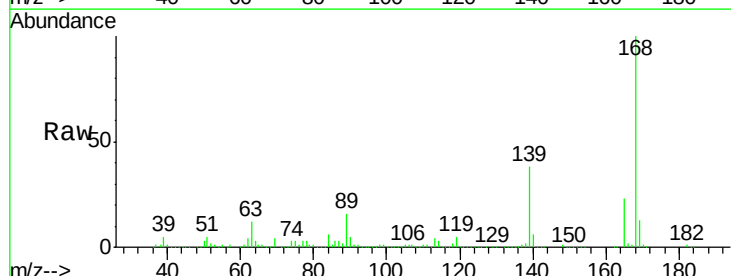
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

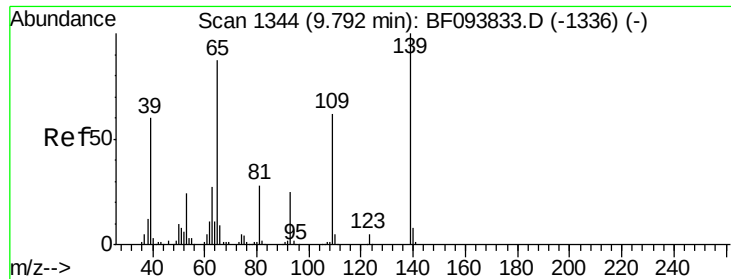
Tgt Ion:184 Resp: 273144
 Ion Ratio Lower Upper
 184 100
 63 63.6 62.7 94.1
 154 63.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 51.20 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:168 Resp: 1530836
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.6 45.8
 169 13.3 10.8 16.2

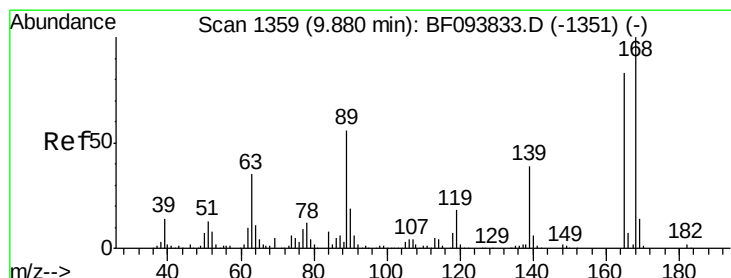
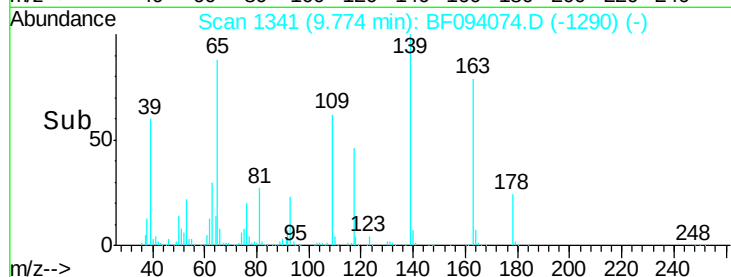
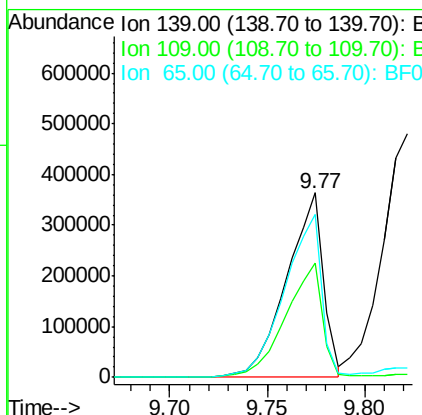
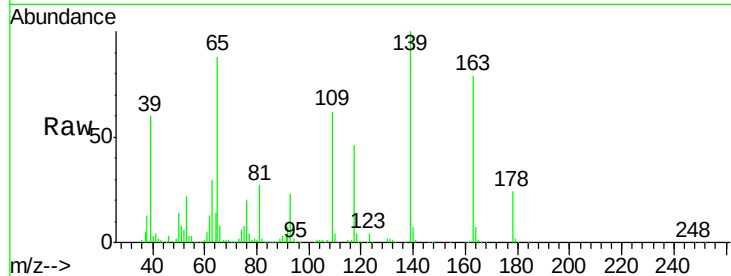




#55
4-Nitrophenol
Concen: 88.62 ng
RT: 9.77 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

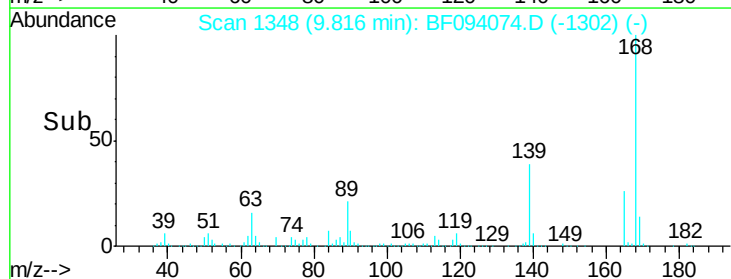
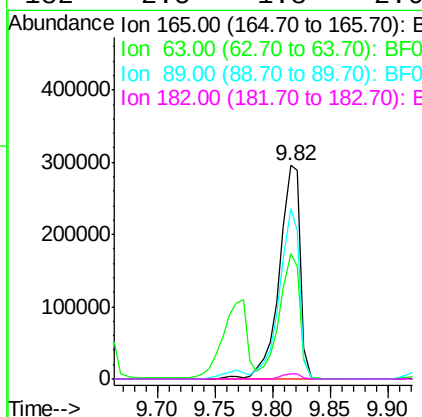
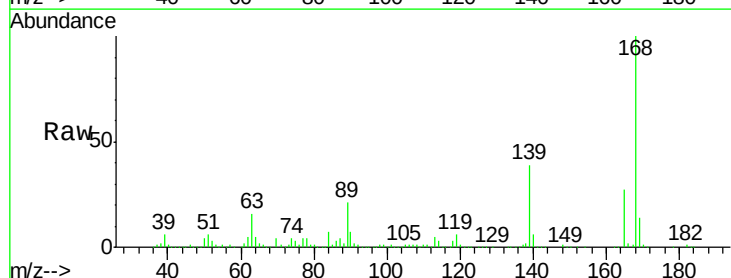
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

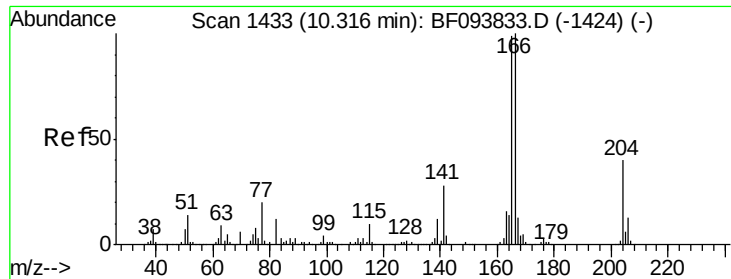
Tgt Ion:139 Resp: 476390
Ion Ratio Lower Upper
139 100
109 62.3 34.1 74.1
65 88.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.86 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:165 Resp: 373453
Ion Ratio Lower Upper
165 100
63 58.7 25.4 38.0#
89 79.6 46.4 69.6#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 45.72 ng

RT: 10.24 min Scan# 1420

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

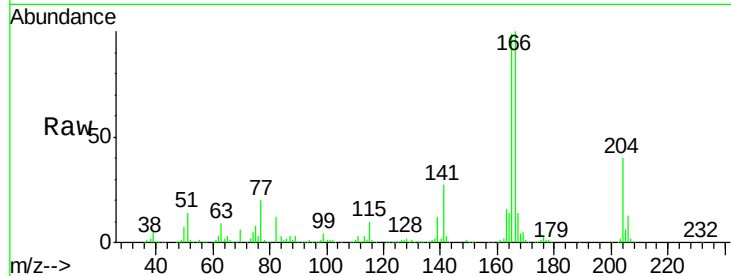
Tgt Ion:166 Resp: 1133551

Ion Ratio Lower Upper

166 100

165 98.9 78.8 118.2

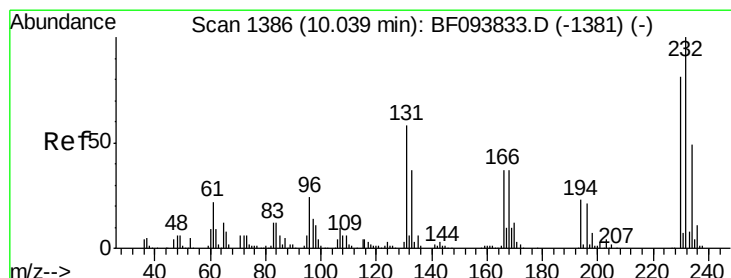
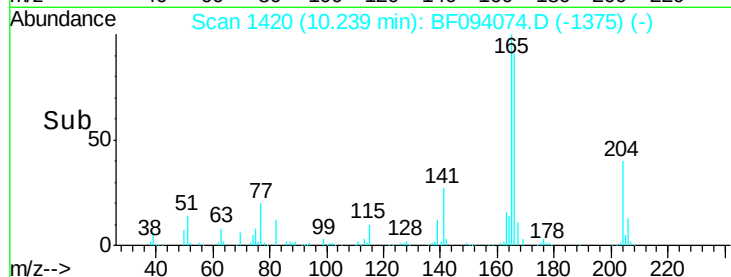
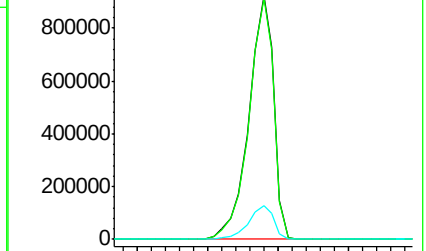
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.15 ng

RT: 9.98 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Tgt Ion:232 Resp: 294606

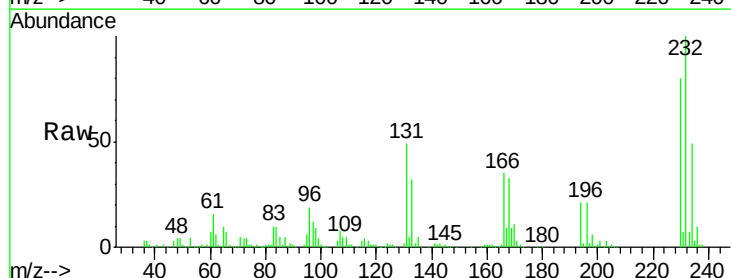
Ion Ratio Lower Upper

232 100

131 53.0 44.8 67.2

130 2.5 2.3 3.5

166 35.8 29.0 43.4

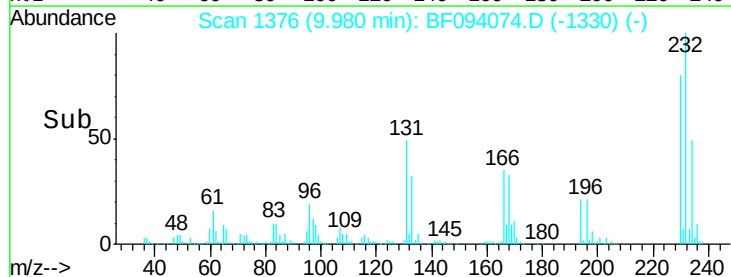
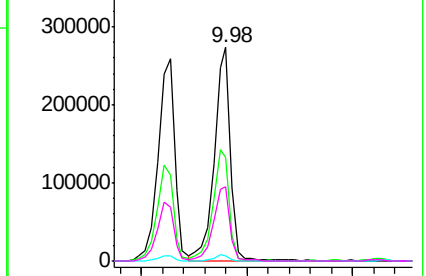


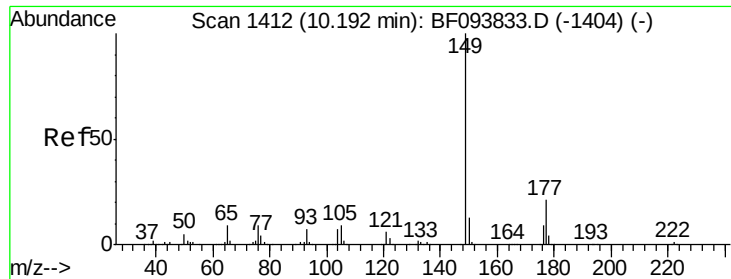
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

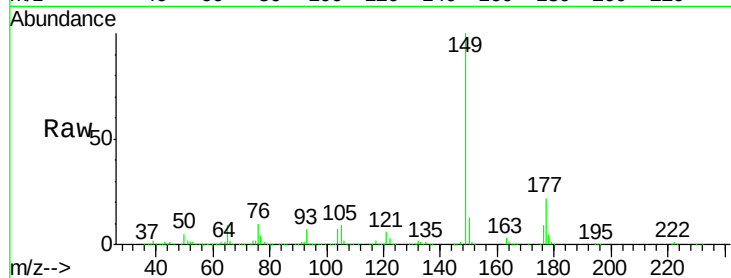




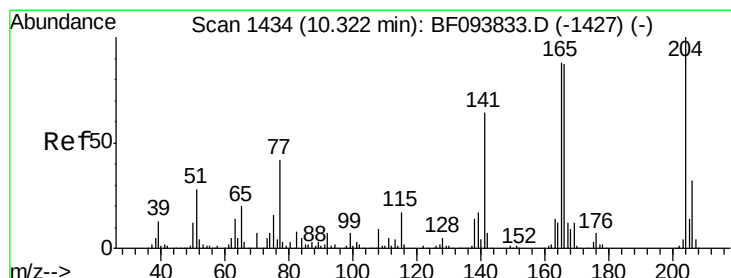
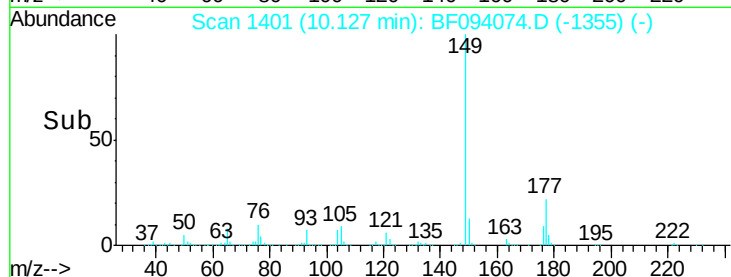
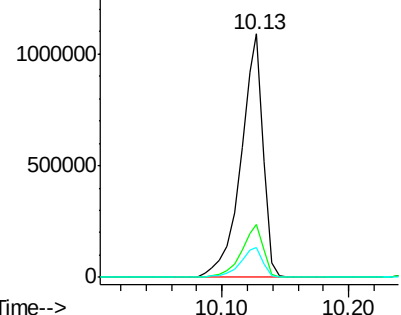
#59
Diethylphthalate
Concen: 52.54 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

Tgt Ion:149 Resp: 1324089
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.5 10.2 15.2

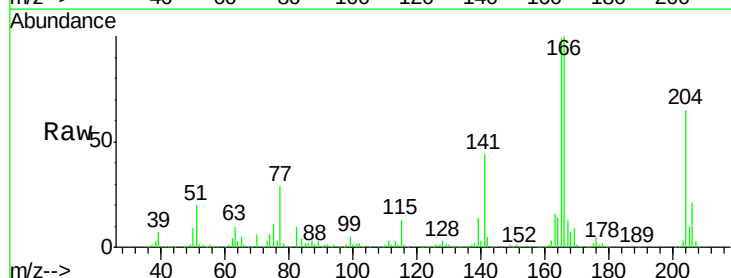


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

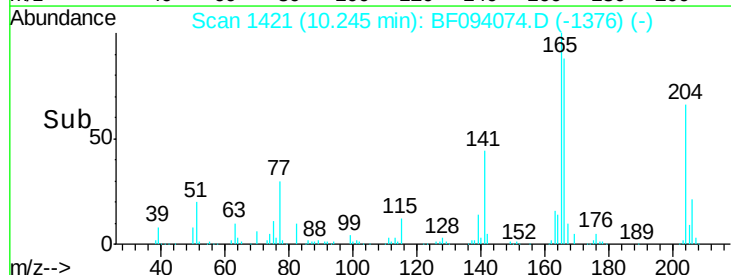
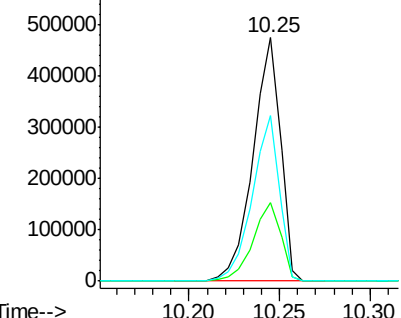


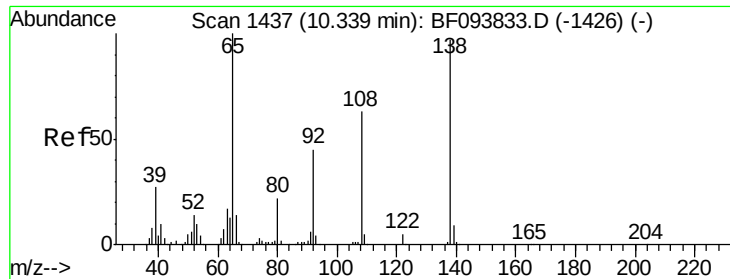
#60
4-Chlorophenyl-phenylether
Concen: 47.37 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:204 Resp: 500406
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 67.8 60.8 91.2



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

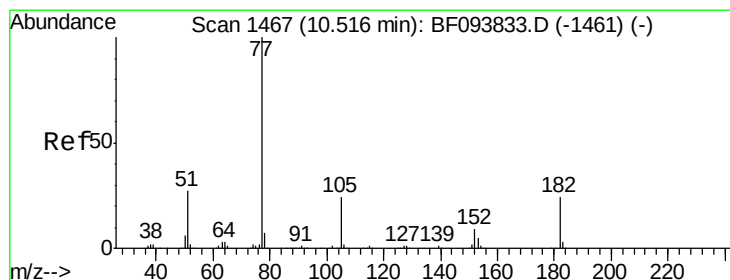
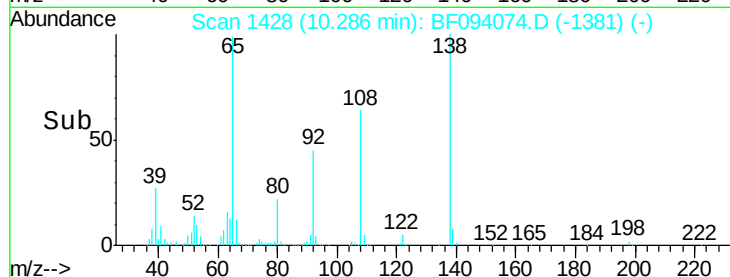
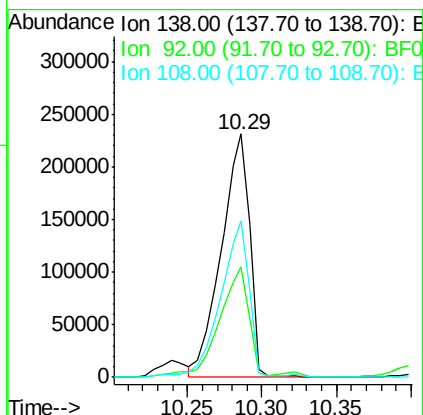
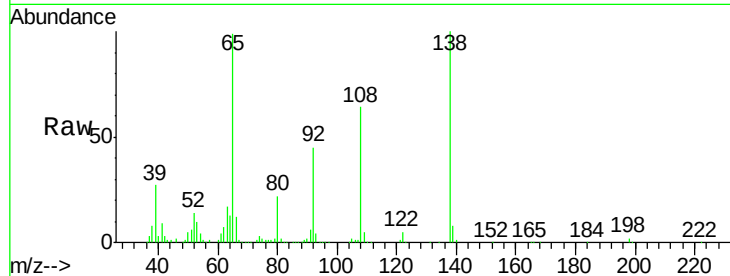




#61
4-Nitroaniline
Concen: 46.85 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

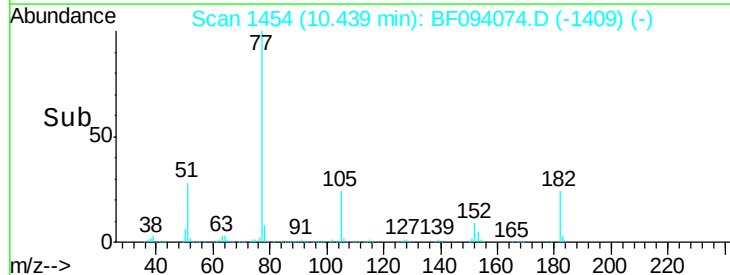
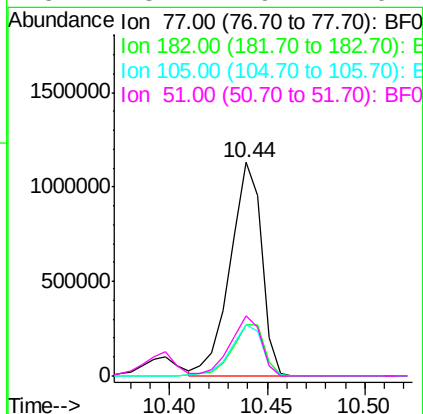
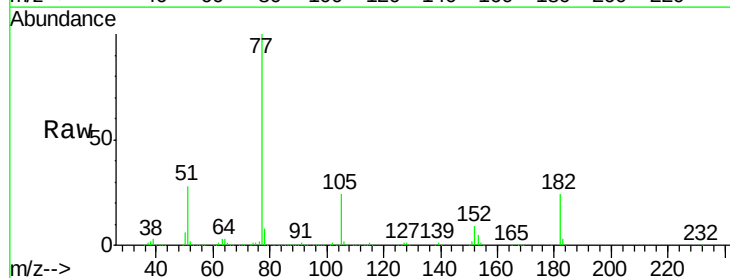
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

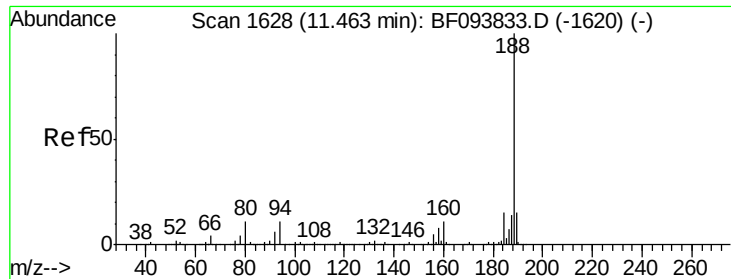
Tgt Ion: 138 Resp: 308619
Ion Ratio Lower Upper
138 100
92 45.3 21.8 61.8
108 64.4 42.3 82.3



#62
Azobenzene
Concen: 53.04 ng
RT: 10.44 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion: 77 Resp: 1264519
Ion Ratio Lower Upper
77 100
182 24.1 0.1 40.1
105 23.9 3.6 43.6
51 28.4 9.4 49.4

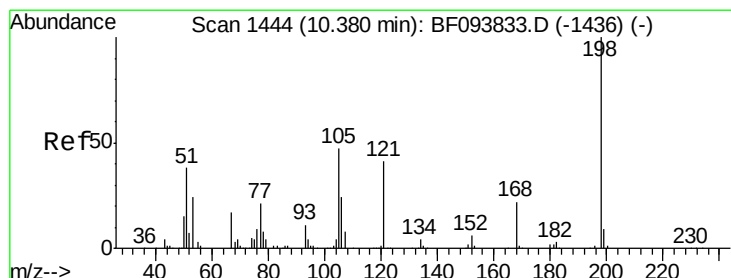
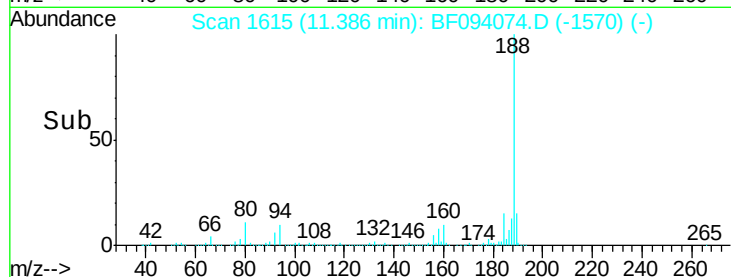
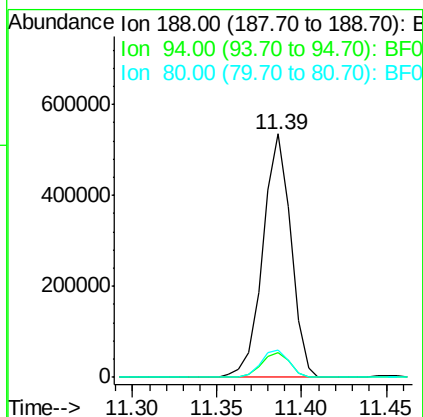
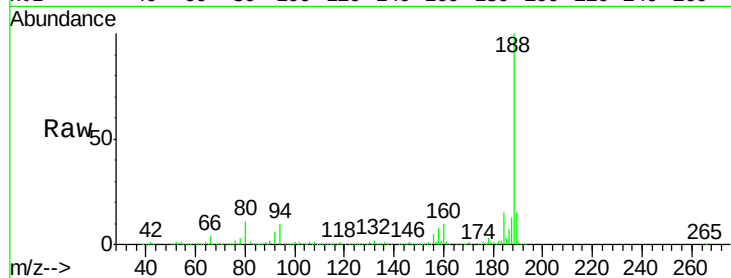




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

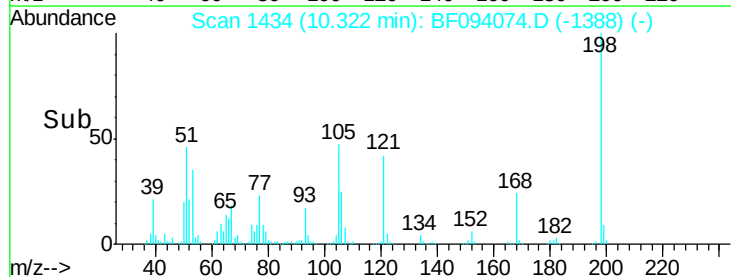
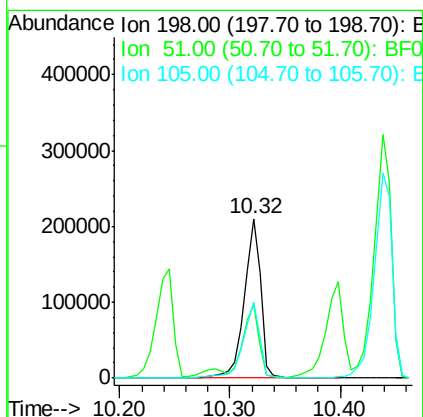
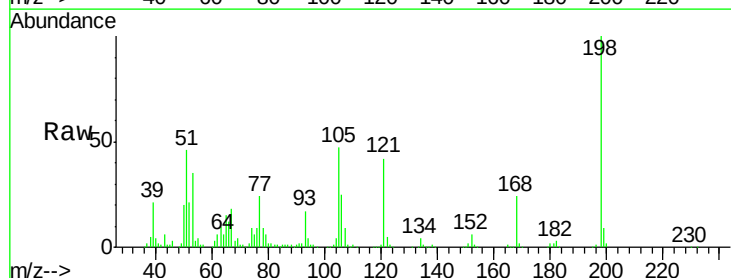
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

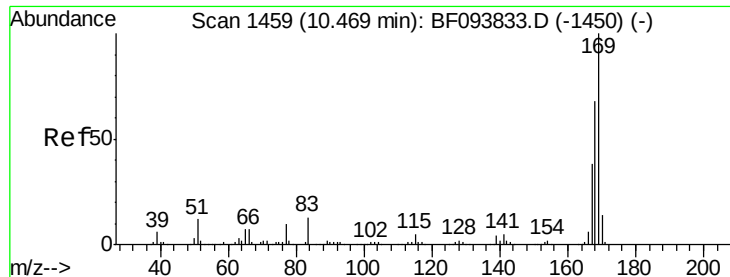
Tgt Ion:188 Resp: 612677
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 58.85 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:198 Resp: 220833
Ion Ratio Lower Upper
198 100
51 46.1 53.2 93.2#
105 47.4 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 51.84 ng

RT: 10.40 min Scan# 1447

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

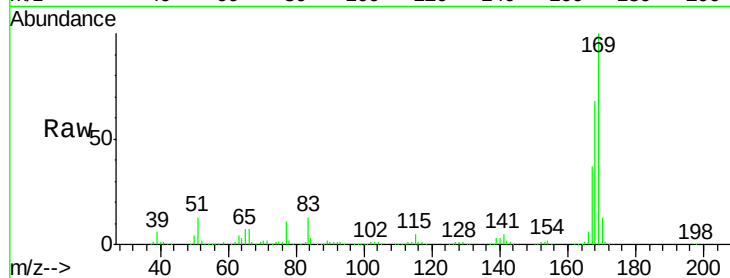
Tgt Ion:169 Resp: 1098469

Ion Ratio Lower Upper

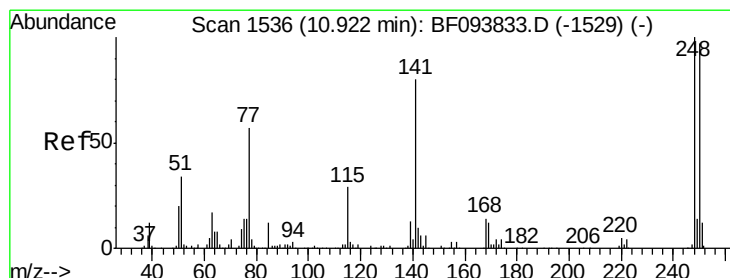
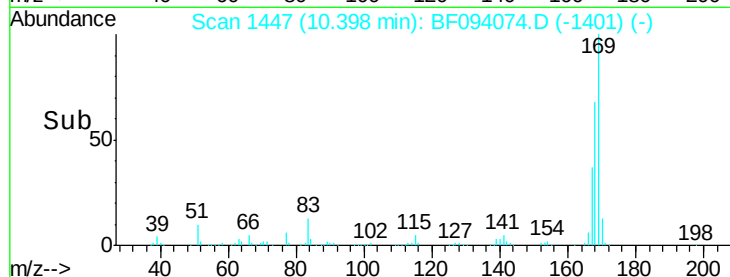
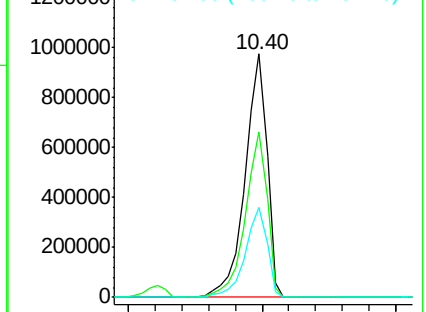
169 100

168 68.1 53.2 79.8

167 37.0 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 53.81 ng

RT: 10.85 min Scan# 1523

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

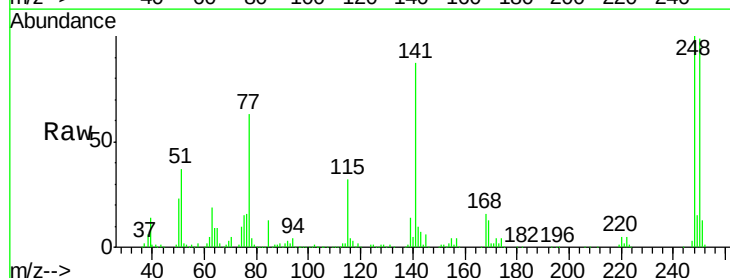
Tgt Ion:248 Resp: 324251

Ion Ratio Lower Upper

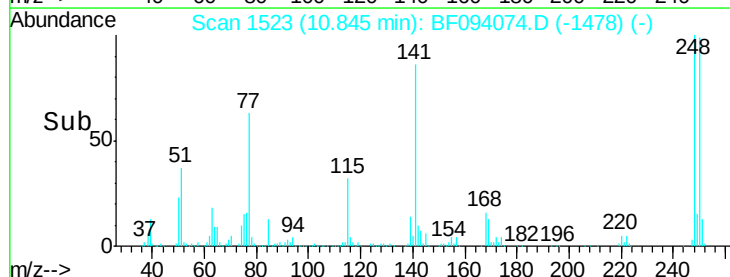
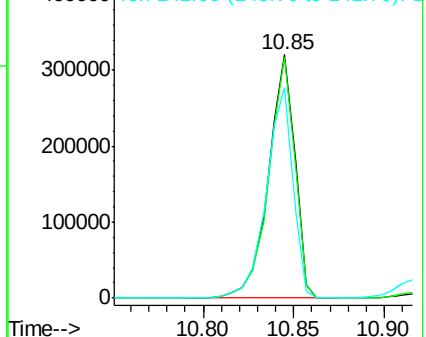
248 100

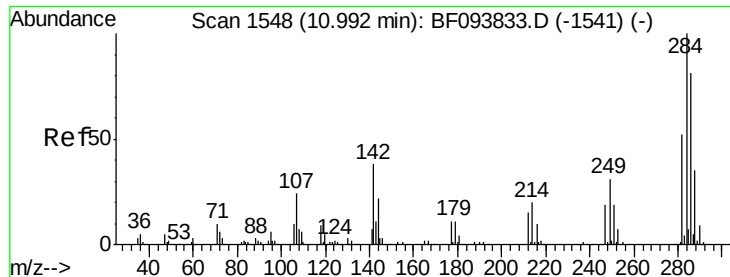
250 98.8 76.8 115.2

141 86.5 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 54.02 ng

RT: 10.92 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

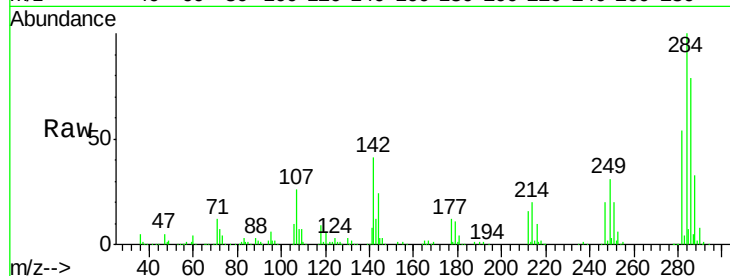
Tgt Ion: 284 Resp: 329538

Ion Ratio Lower Upper

284 100

142 40.9 22.8 34.2#

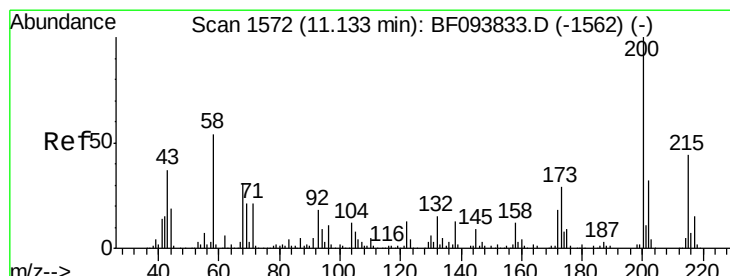
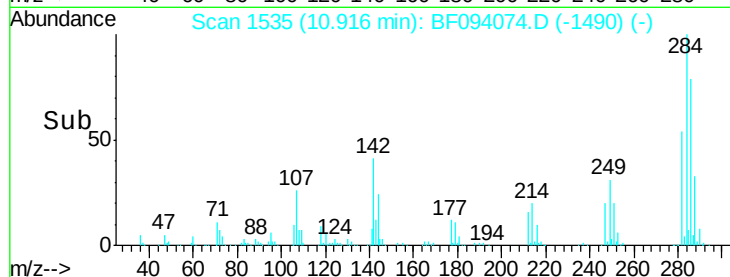
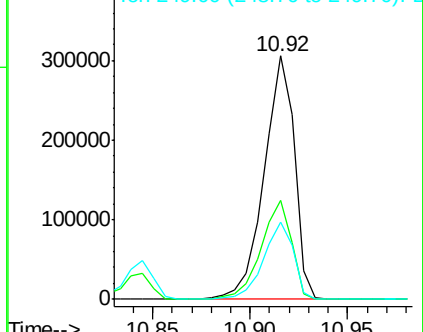
249 31.5 24.0 36.0



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: 51.90 ng

RT: 11.07 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

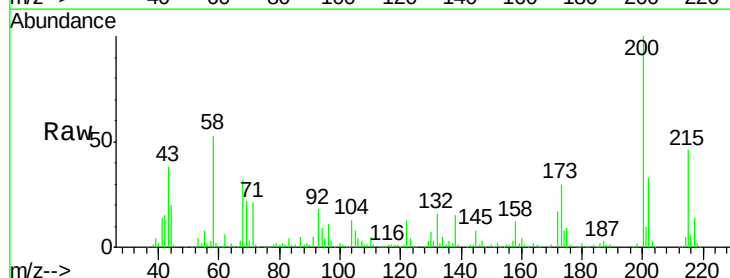
Tgt Ion: 200 Resp: 329376

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

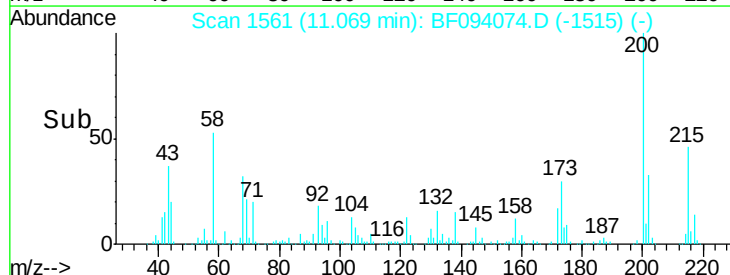
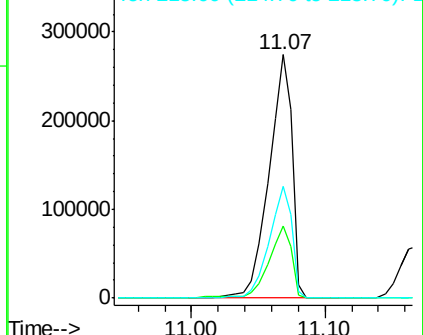
215 46.2 27.2 67.2

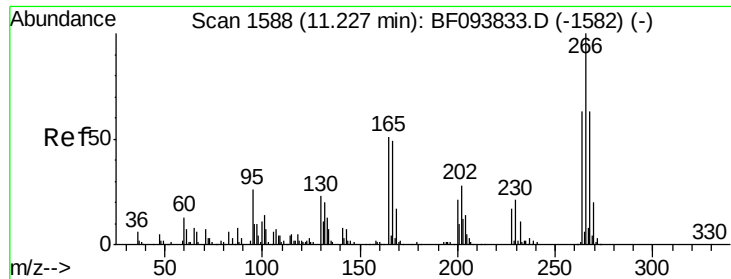


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

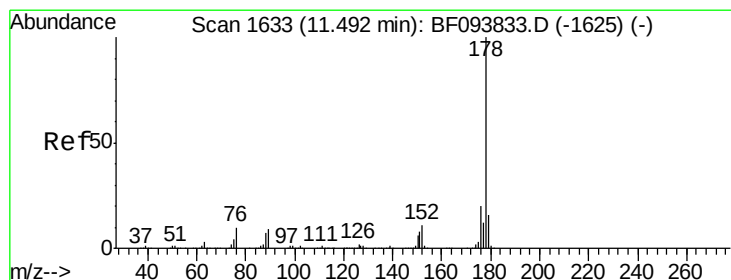
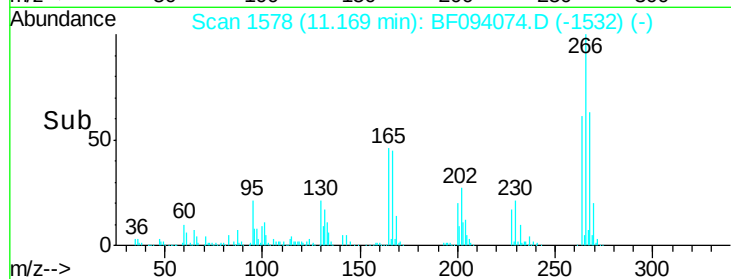
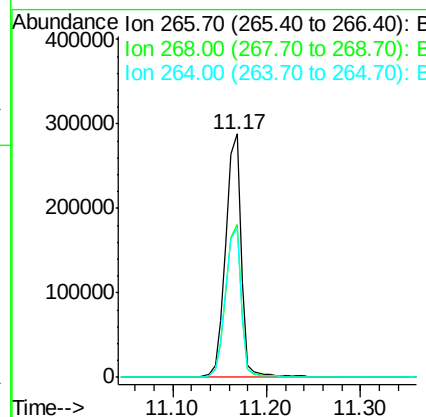
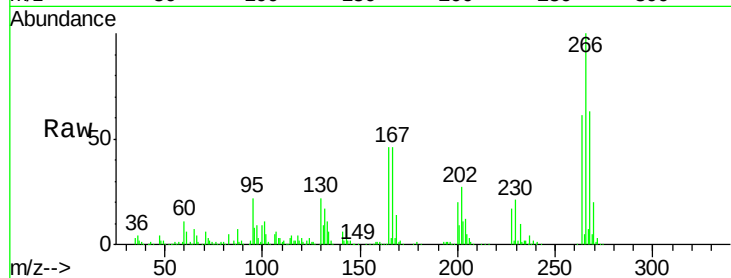




#69
 Pentachlorophenol
 Concen: 89.15 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

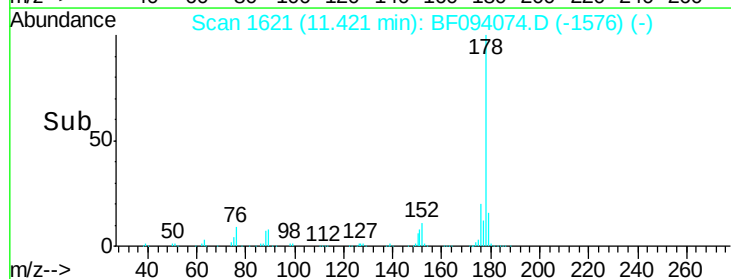
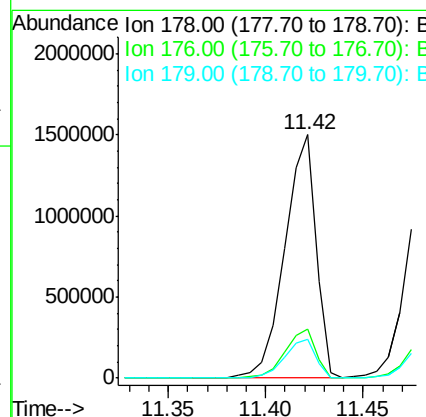
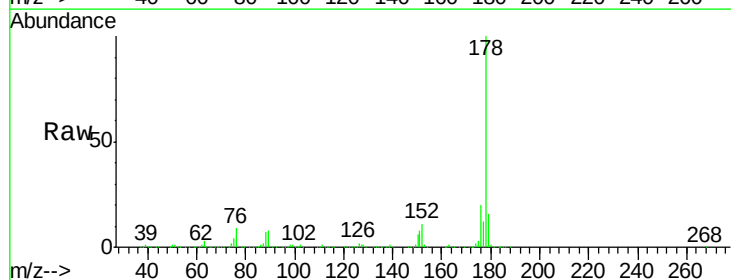
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

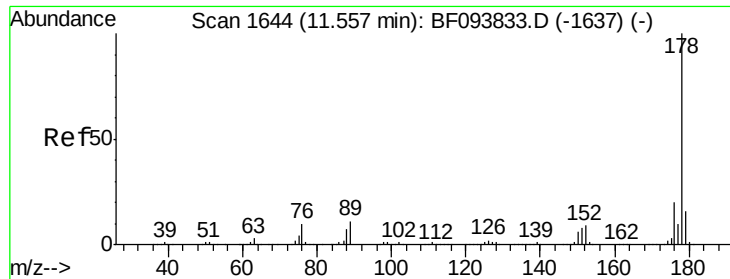
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.1	51.7	77.5



#70
 Phenanthrene
 Concen: 48.74 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.1	12.6	19.0

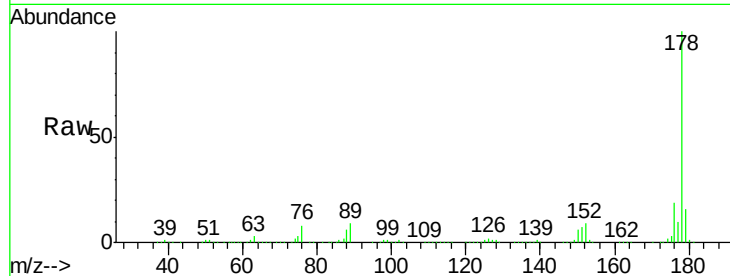




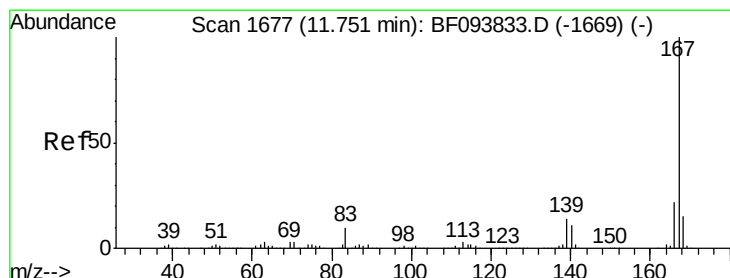
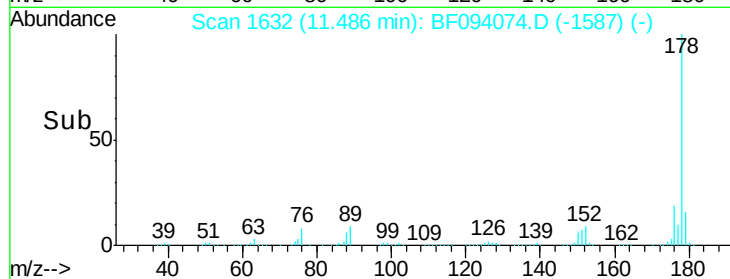
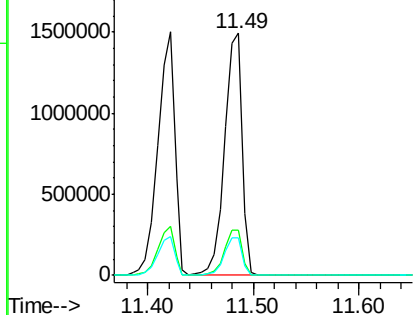
#71
 Anthracene
 Concen: 48.91 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion:178 Resp: 1716204
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 12.7 19.1

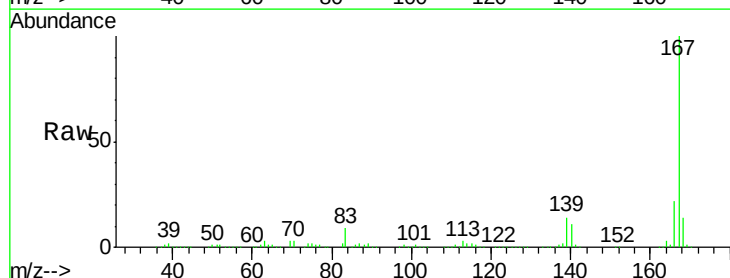


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

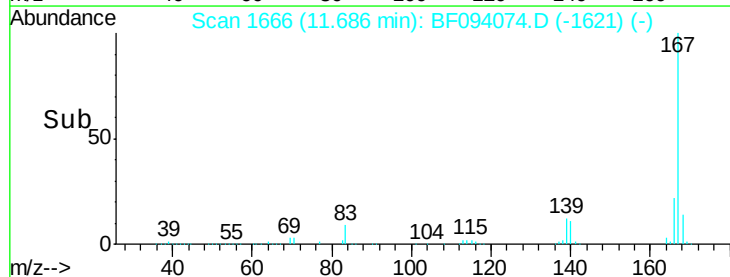
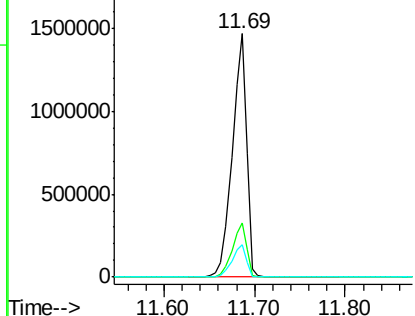


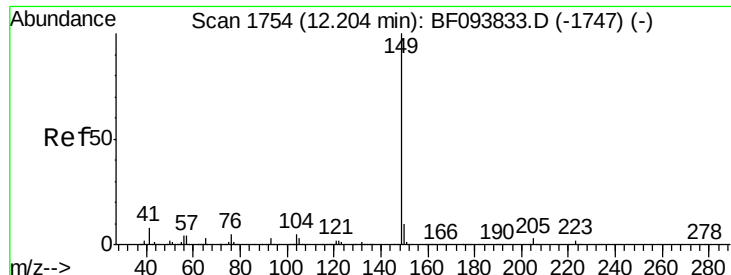
#72
 Carbazole
 Concen: 45.26 ng
 RT: 11.69 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:167 Resp: 1628493
 Ion Ratio Lower Upper
 167 100
 166 22.4 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: 51.79 ng

RT: 12.13 min Scan# 1742

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

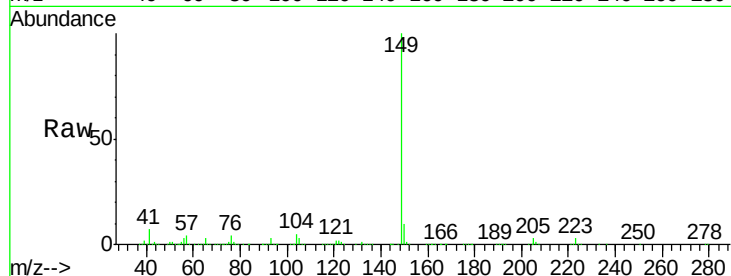
Tgt Ion:149 Resp: 1938045

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

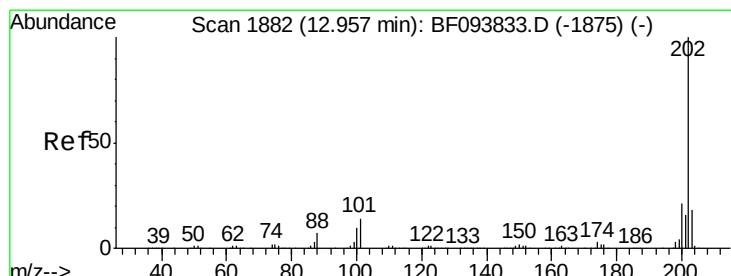
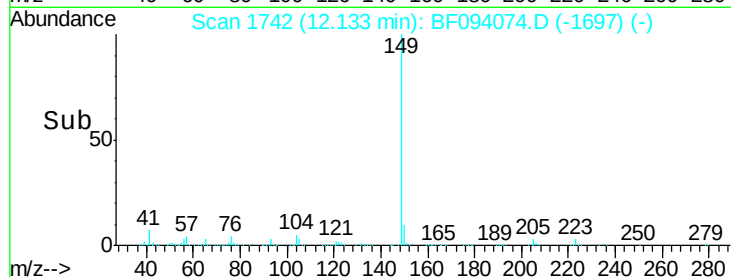
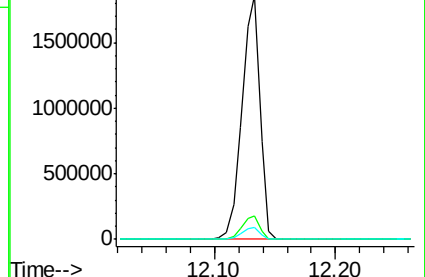
104 4.7 4.0 6.0



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: 47.51 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

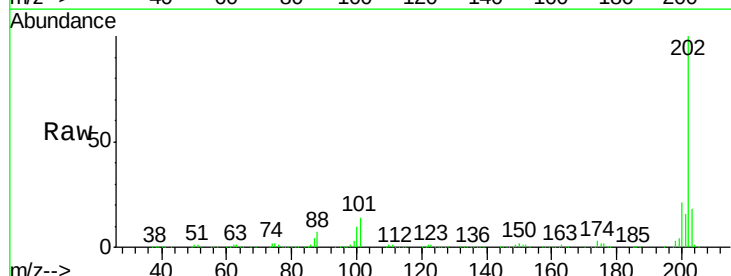
Tgt Ion:202 Resp: 1658130

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

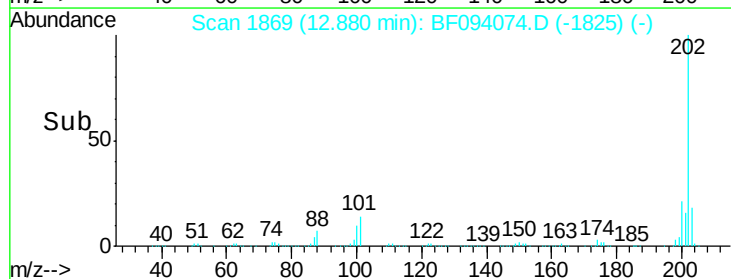
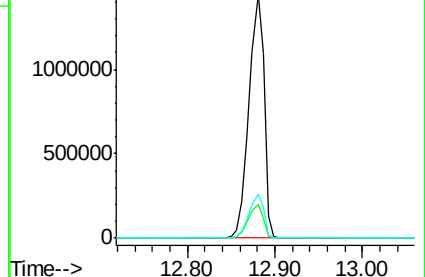
203 18.0 0.0 38.1

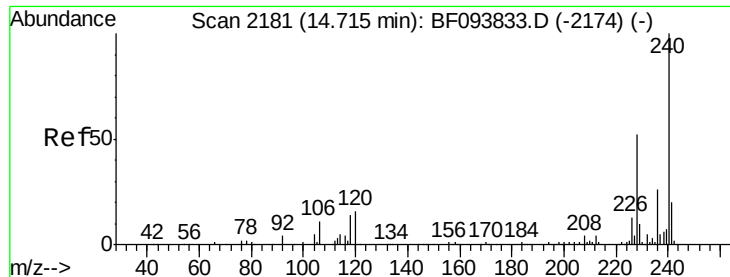


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

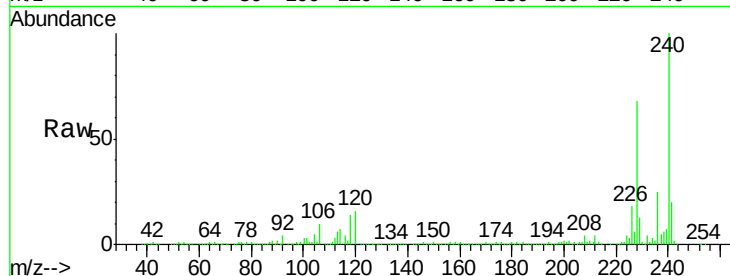
Tgt Ion:240 Resp: 422469

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

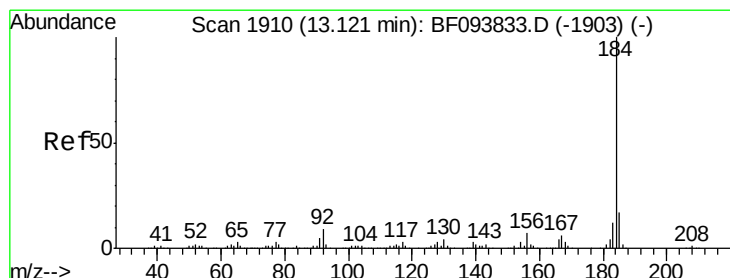
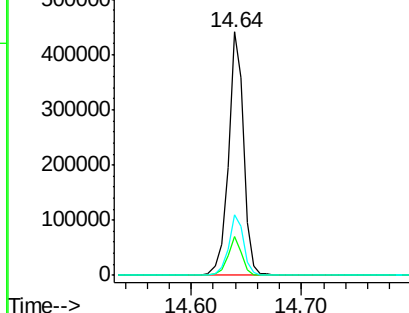
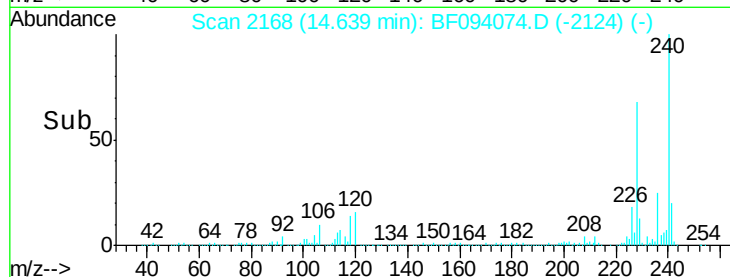
236 25.1 20.5 30.7



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: 2.25 ng

RT: 13.04 min Scan# 1897

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

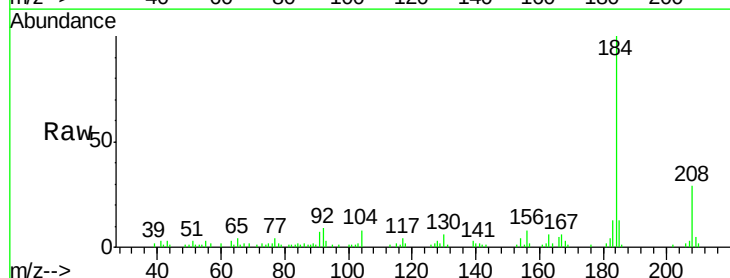
Tgt Ion:184 Resp: 37587

Ion Ratio Lower Upper

184 100

185 12.8 15.5 23.3#

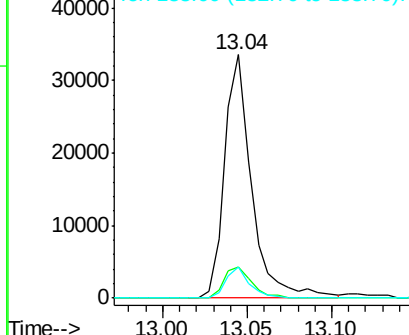
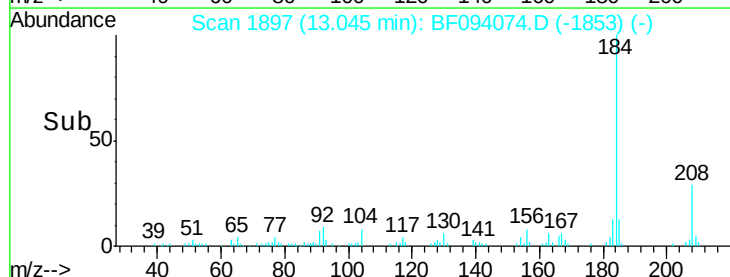
183 12.7 9.8 14.6

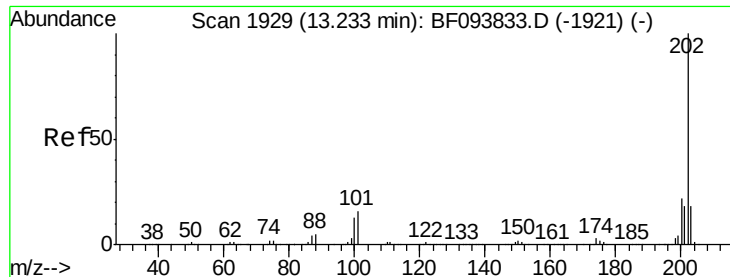


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



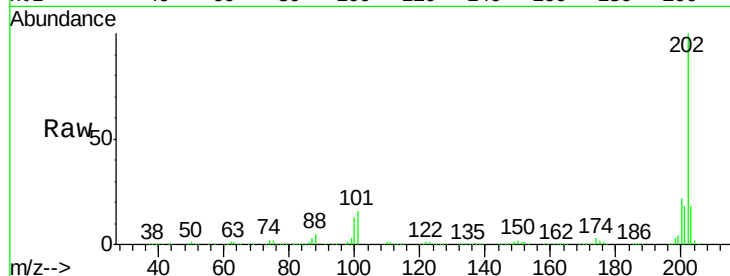


#77
Pyrene
 Concen: 54.51 ng
 RT: 13.16 min Scan# 1916
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

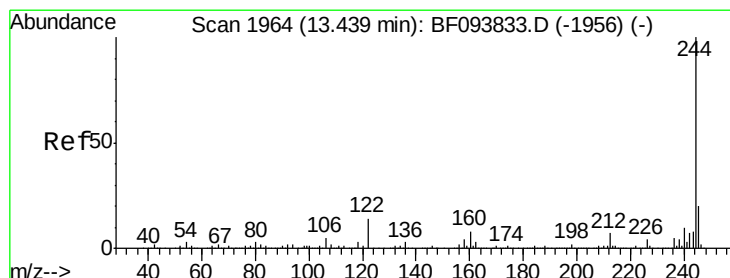
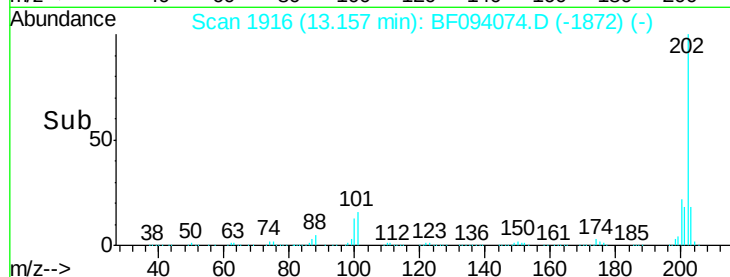
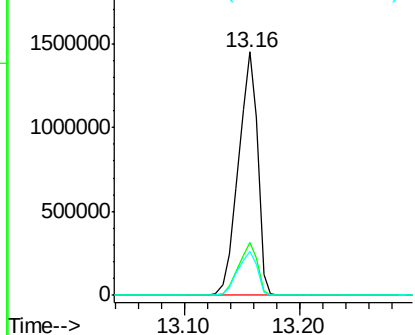
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion: 202 Resp: 1671412

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.1	14.4	21.6



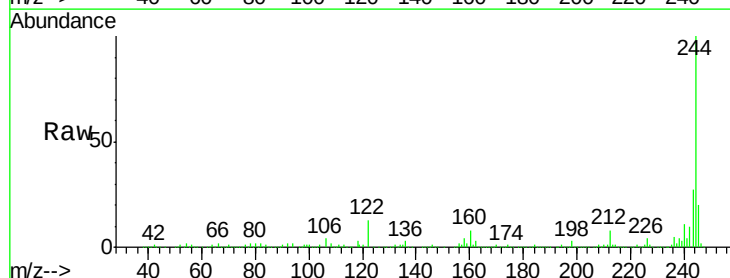
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



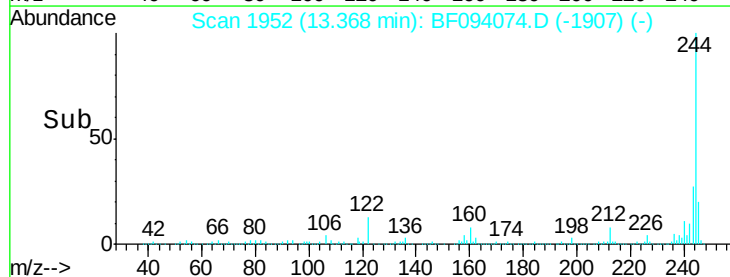
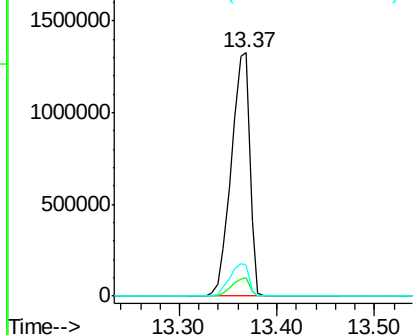
#78
Terphenyl-d14
 Concen: 93.27 ng
 RT: 13.37 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

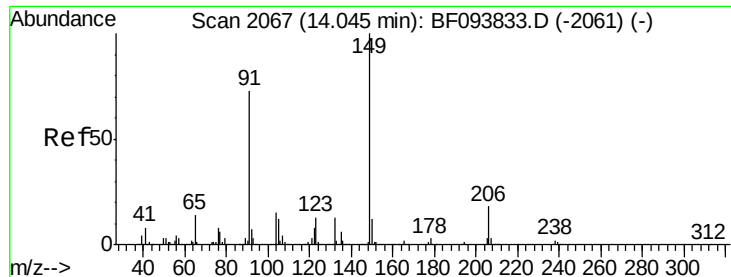
Tgt Ion: 244 Resp: 1757848

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.8	10.3	15.5



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

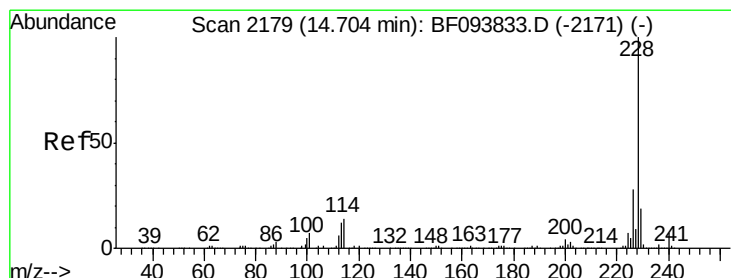
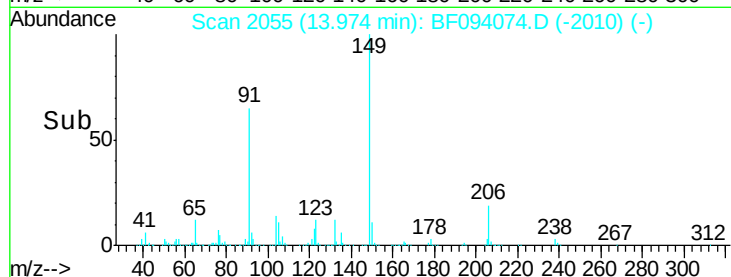
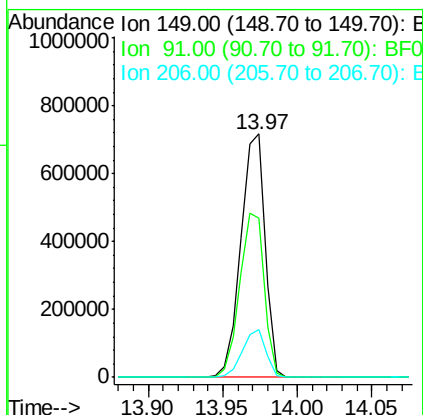
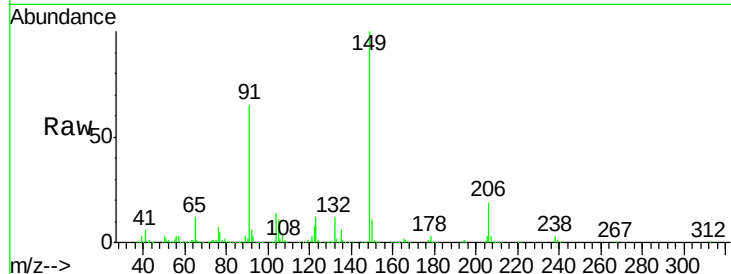




#79
Butylbenzylphthalate
Concen: 61.97 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

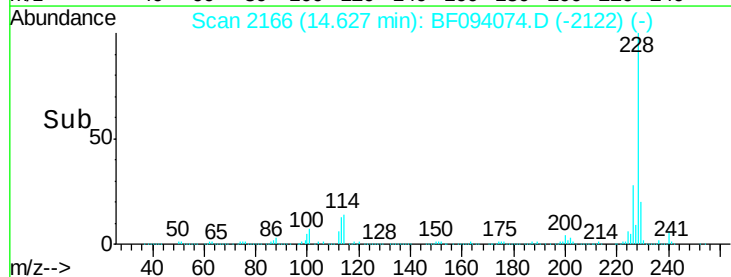
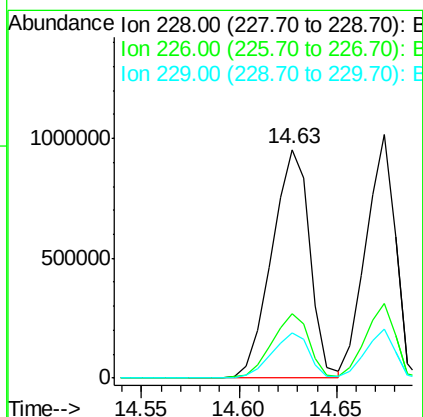
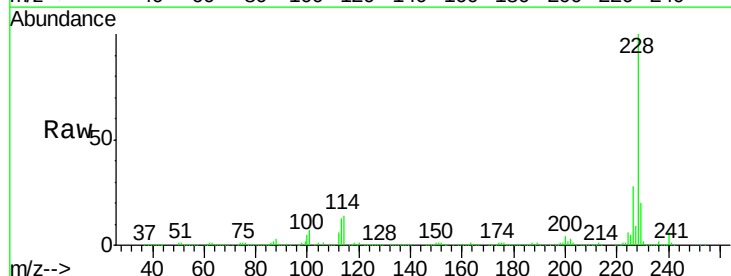
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

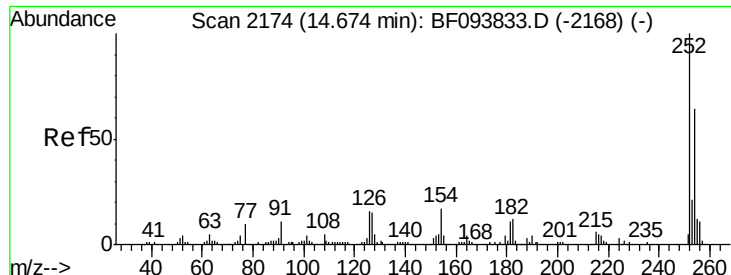
Tgt Ion:149 Resp: 809532
Ion Ratio Lower Upper
149 100
91 65.2 45.0 67.4
206 19.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 52.07 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:228 Resp: 1282669
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.9 16.3 24.5

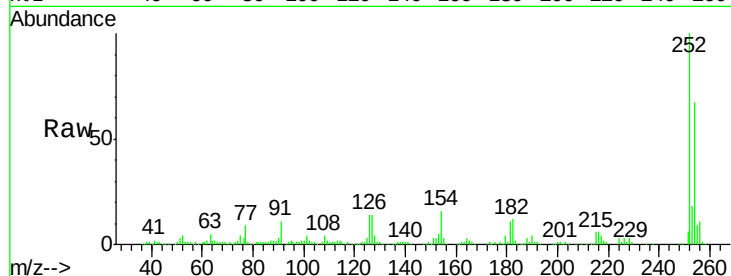




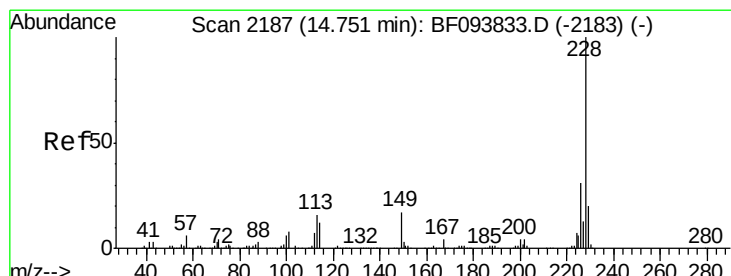
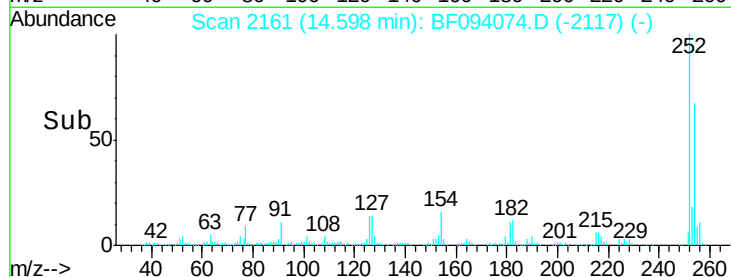
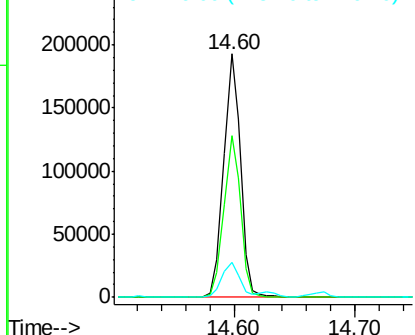
#81
 3,3'-Dichlorobenzidine
 Concen: 21.24 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion:252 Resp: 187036
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.5 77.3
 126 14.4 15.8 23.8#

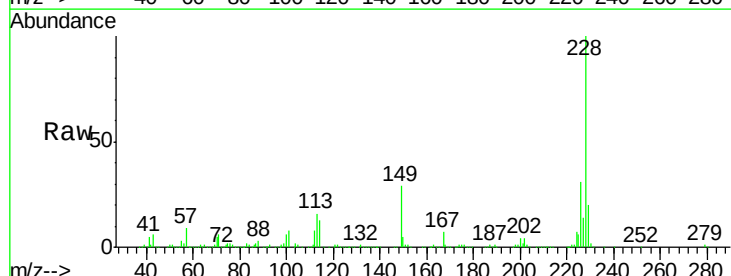


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

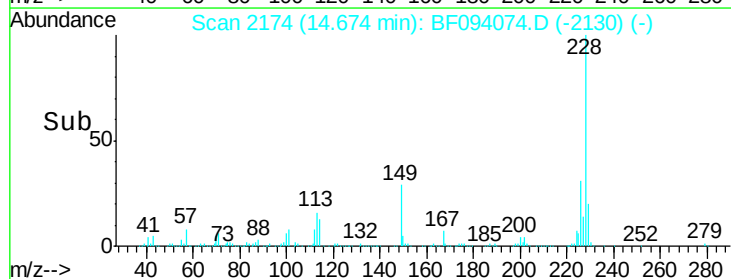
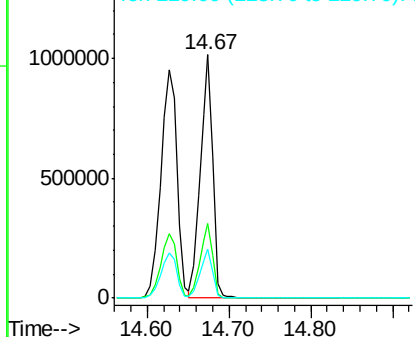


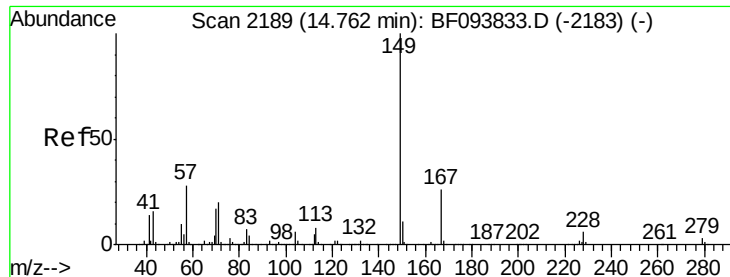
#82
 Chrysene
 Concen: 46.92 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:228 Resp: 1072719
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.3 15.8 23.6



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

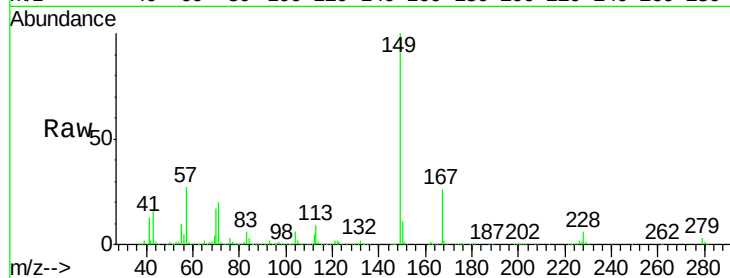




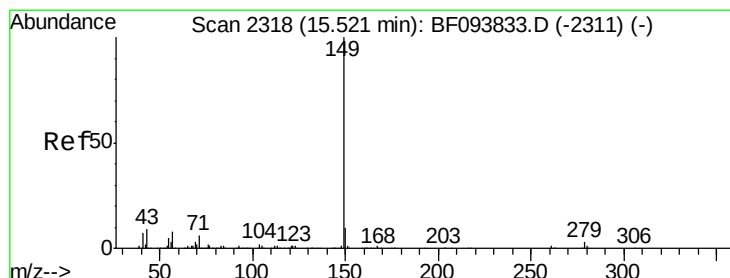
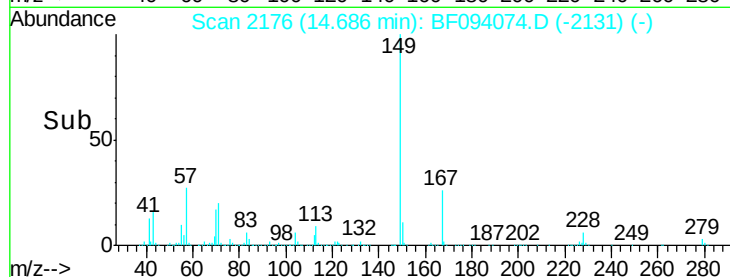
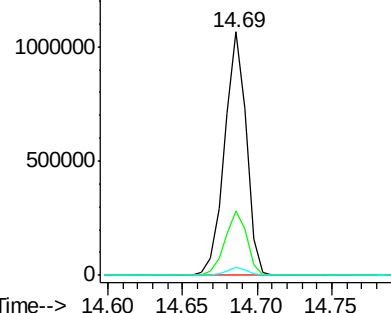
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.62 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Tgt Ion:149 Resp: 1080369
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.1 1.9 2.9#

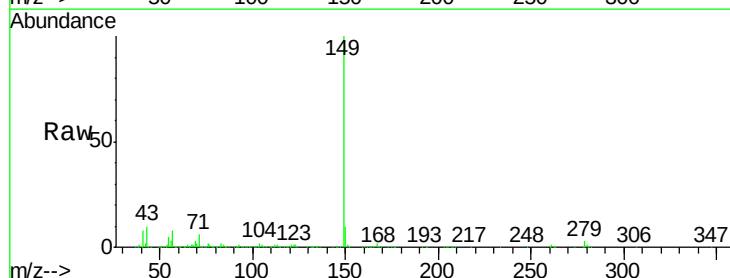


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

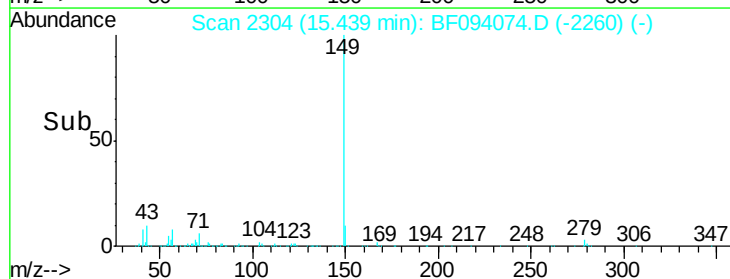
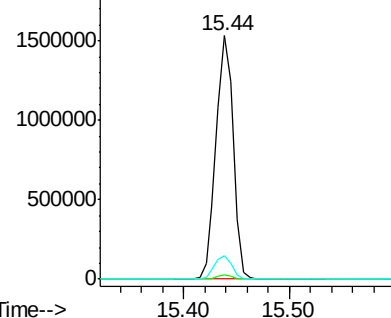


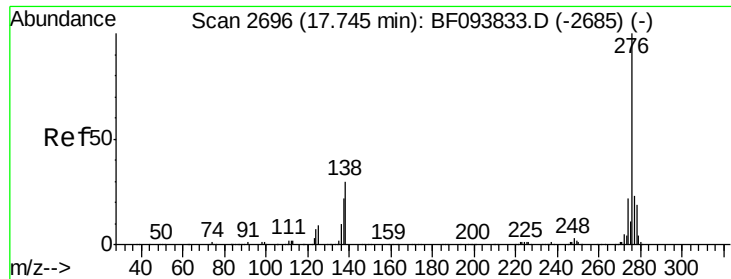
#84
 Di-n-octyl phthalate
 Concen: 57.67 ng
 RT: 15.44 min Scan# 2304
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:149 Resp: 1716964
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

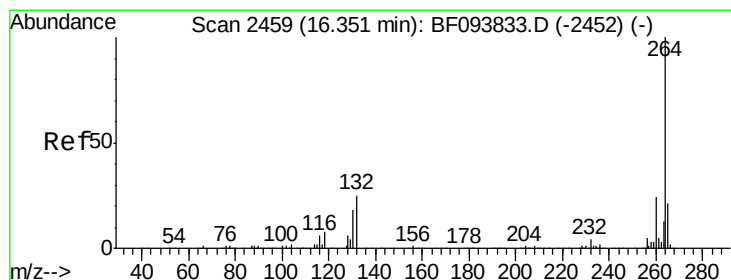
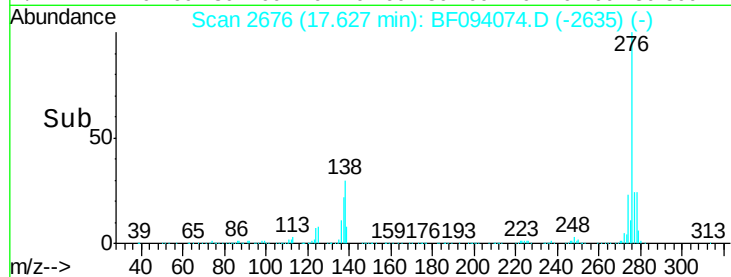
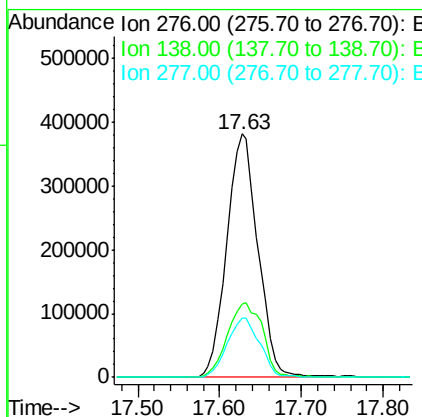
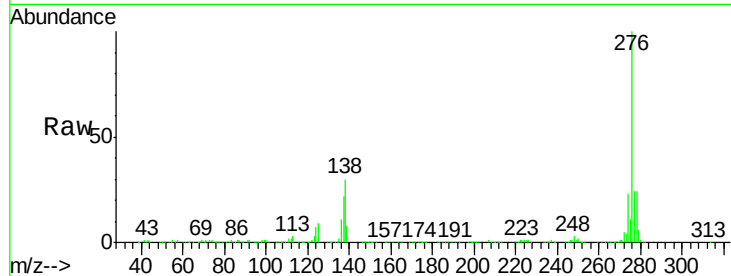




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.22 ng
 RT: 17.63 min Scan# 2676
 Delta R.T. -0.06 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

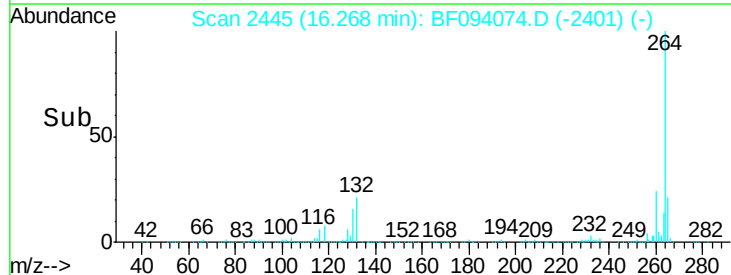
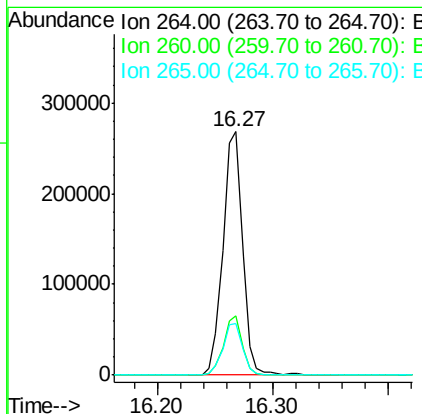
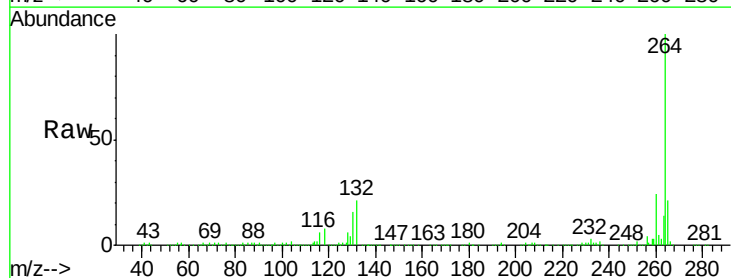
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

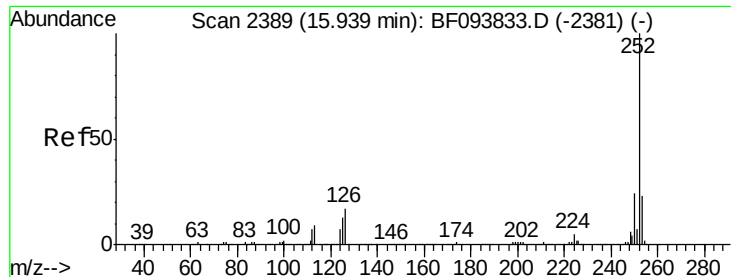
Tgt Ion:276 Resp: 1014140
 Ion Ratio Lower Upper
 276 100
 138 34.5 27.8 41.6
 277 25.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2445
 Delta R.T. -0.04 min
 Lab File: BF094074.D
 Acq: 30 Mar 2017 22:43

Tgt Ion:264 Resp: 318301
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.1 17.2 25.8

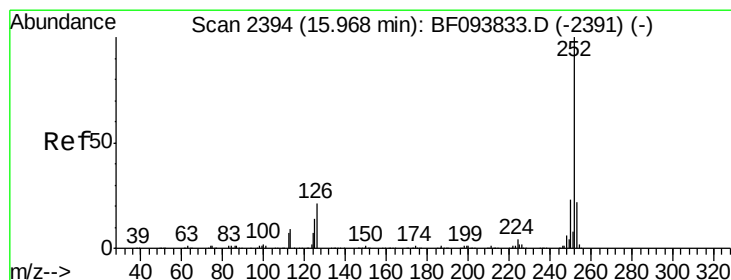
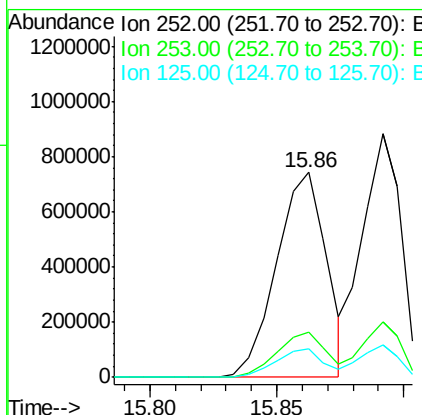
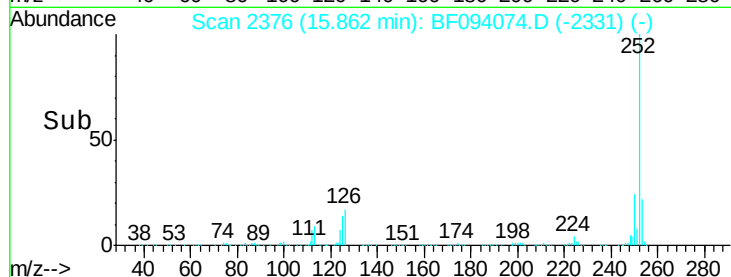
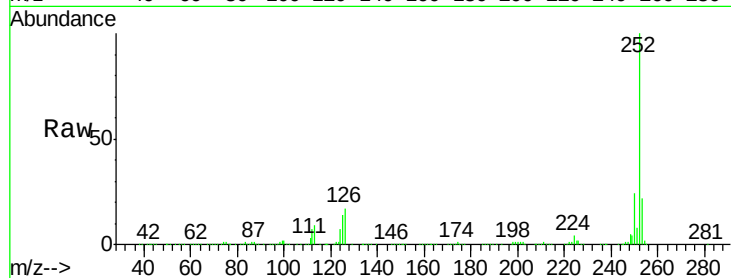




#87
Benzo(b)fluoranthene
Concen: 52.05 ng
RT: 15.86 min Scan# 2376
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

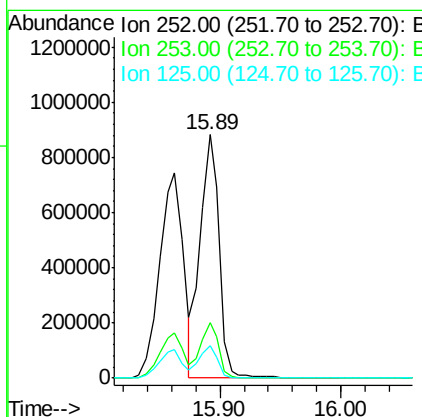
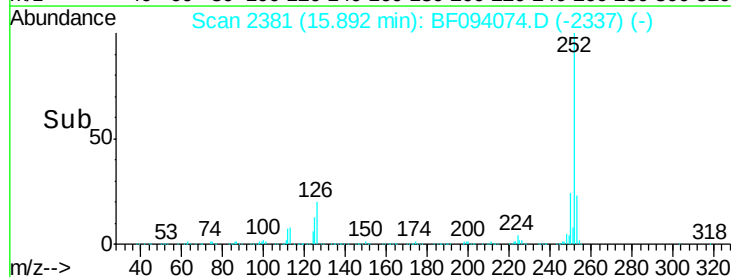
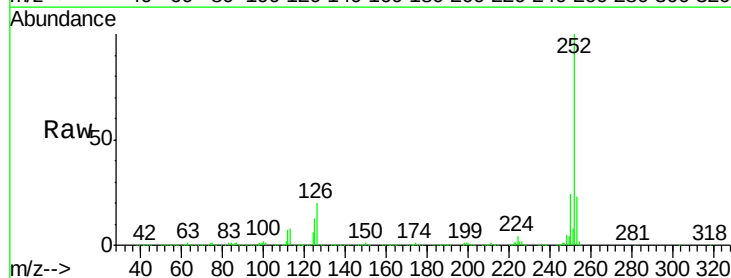
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MSD

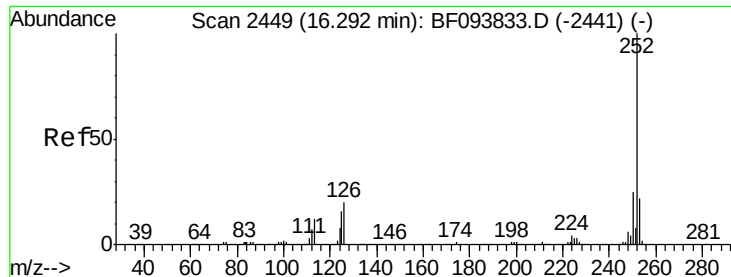
Tgt Ion:252 Resp: 1015536
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 50.36 ng
RT: 15.89 min Scan# 2381
Delta R.T. -0.04 min
Lab File: BF094074.D
Acq: 30 Mar 2017 22:43

Tgt Ion:252 Resp: 961405
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 13.5 13.1 19.7





#89

Benzo(a)pyrene

Concen: 51.93 ng

RT: 16.21 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

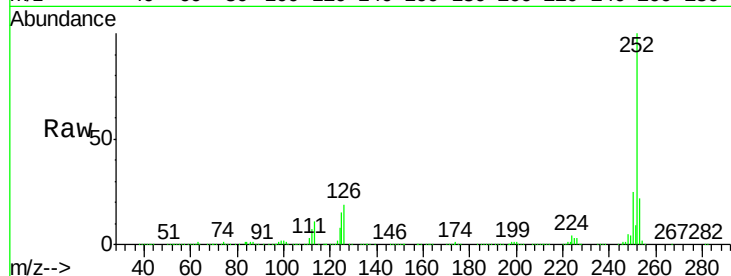
Tgt Ion:252 Resp: 933117

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

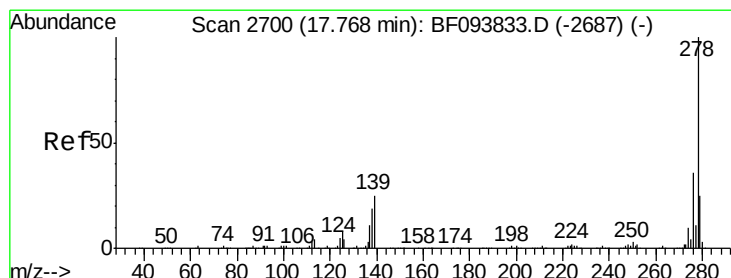
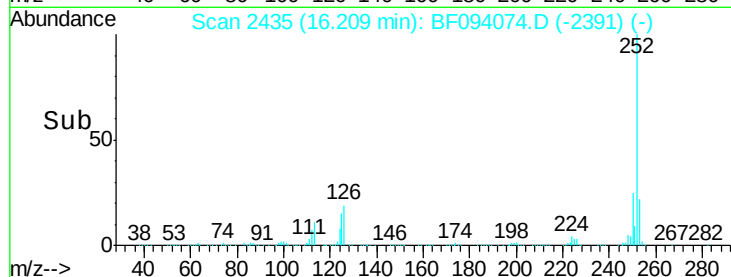
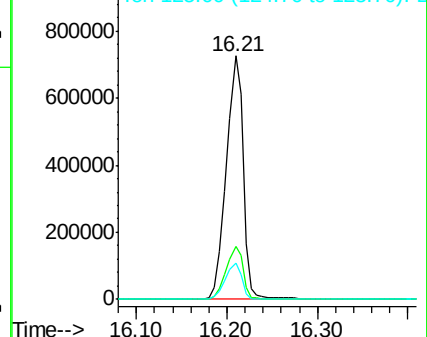
125 15.1 11.0 16.4



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: 54.67 ng

RT: 17.65 min Scan# 2680

Delta R.T. -0.06 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

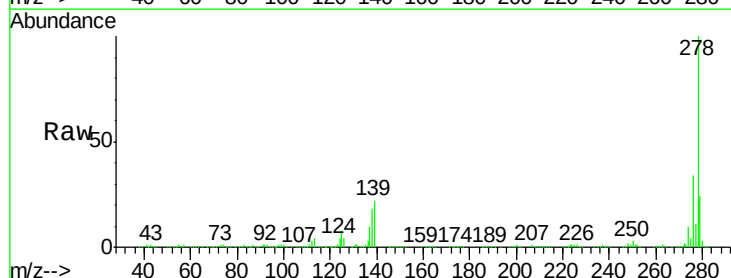
Tgt Ion:278 Resp: 831902

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

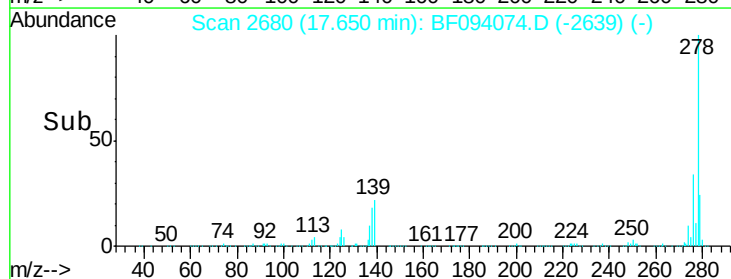
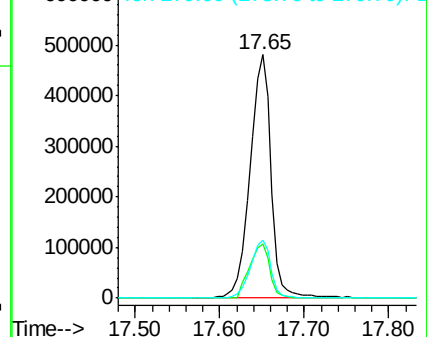
279 23.8 19.3 28.9

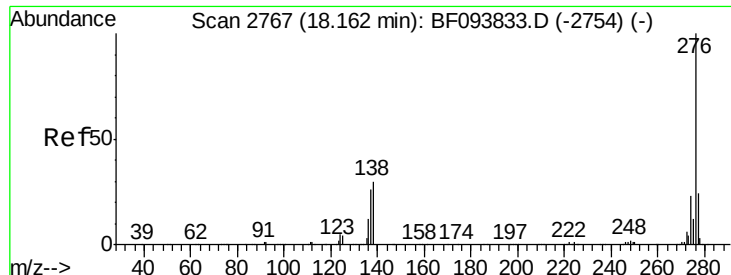


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 55.69 ng

RT: 18.03 min Scan# 2745

Delta R.T. -0.06 min

Lab File: BF094074.D

Acq: 30 Mar 2017 22:43

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MSD

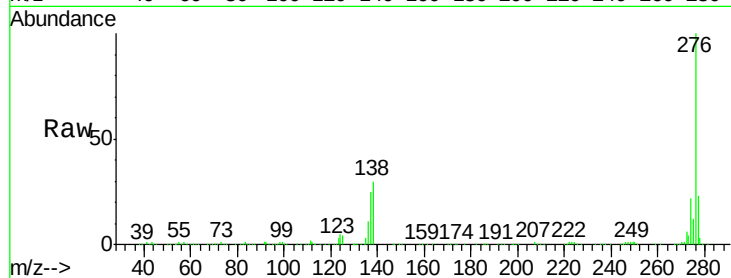
Tgt Ion:276 Resp: 853952

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.8 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

