

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094067.D
 Acq On : 30 Mar 2017 19:31
 Operator : SJ/MA
 Sample : I2384-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Quant Time: Mar 31 01:50:52 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	198494	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	809261	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	380776	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	647100	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	458722	20.00	ng	-0.04
86) Perylene-d12	16.27	264	223503	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1409164	119.91	ng	0.00
7) Phenol-d6	5.53	99	1691264	116.33	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1195477	84.30	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	431396	143.37	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	2350563	94.16	ng	-0.04
78) Terphenyl-d14	13.37	244	1788589	87.40	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	198124	35.09	ng	# 83
3) Pyridine	2.88	79	499009	32.43	ng	99
4) n-Nitrosodimethylamine	2.82	42	257676	40.70	ng	90
6) Aniline	5.55	93	95093	4.70	ng	# 1
8) 2-Chlorophenol	5.69	128	571623	44.25	ng	95
9) Benzaldehyde	5.41	77	45047	4.59	ng	98
10) Phenol	5.55	94	609848	36.86	ng	96
11) bis(2-Chloroethyl)ether	5.62	93	566395	43.81	ng	99
12) 1,3-Dichlorobenzene	5.85	146	581456	40.13	ng	98
13) 1,4-Dichlorobenzene	5.93	146	598417	40.78	ng	97
14) 1,2-Dichlorobenzene	6.11	146	637943	47.20	ng	96
15) Benzyl Alcohol	6.09	79	405412	38.10	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.24	45	806861	40.50	ng	76
17) 2-Methylphenol	6.23	107	484770	43.82	ng	# 92
18) Hexachloroethane	6.50	117	215178	41.72	ng	# 85
19) n-Nitroso-di-n-propylamine	6.40	70	418702	44.81	ng	97
20) 3+4-Methylphenols	6.41	107	633609	47.29	ng	# 64
22) Acetophenone	6.39	105	849156	47.08	ng	# 86
24) Nitrobenzene	6.59	77	609530	43.58	ng	94
25) Isophorone	6.87	82	1131768	45.42	ng	95
26) 2-Nitrophenol	6.96	139	338822	50.80	ng	95
27) 2,4-Dimethylphenol	7.03	122	568796	49.49	ng	98
28) bis(2-Chloroethoxy)methane	7.13	93	715514	43.54	ng	99
29) 2,4-Dichlorophenol	7.26	162	537602	50.03	ng	97
30) 1,2,4-Trichlorobenzene	7.35	180	506309	45.75	ng	99
31) Naphthalene	7.45	128	2569478	66.03	ng	100
32) Benzoic acid	7.19	122	379105	49.55	ng	86
33) 4-Chloroaniline	7.53	127	35134	2.23	ng	94
34) Hexachlorobutadiene	7.60	225	250248	44.09	ng	96
35) Caprolactam	7.97	113	72376	21.12	ng	96
36) 4-Chloro-3-methylphenol	8.14	107	560547	49.93	ng	88
37) 2-Methylnaphthalene	8.29	142	1432647	55.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	453808	43.57	ng	98
40) Hexachlorocyclopentadiene	8.49	237	439171	90.10	ng	99

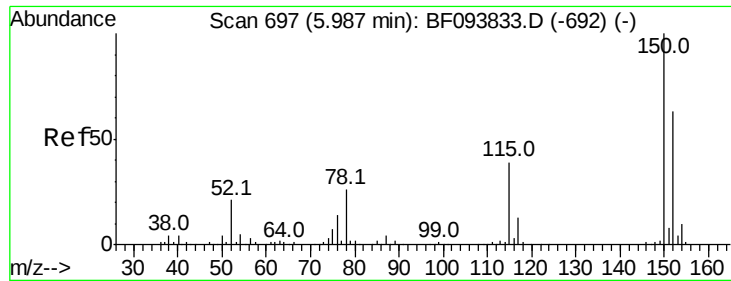
Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094067.D
 Acq On : 30 Mar 2017 19:31
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	365031	49.53	nq	97
43) 2,4,5-Trichlorophenol	8.70	196	359209	45.05	nq #	93
45) 1,1'-Biphenyl	8.86	154	1404277	45.72	nq	98
46) 2-Chloronaphthalene	8.89	162	1077899	44.83	nq	96
47) 2-Nitroaniline	9.02	65	310127	43.48	nq #	80
48) Acenaphthylene	9.39	152	1706315	42.70	nq	100
49) Dimethylphthalate	9.26	163	1316848	48.65	nq	99
50) 2,6-Dinitrotoluene	9.32	165	294330	47.44	nq	92
51) Acenaphthene	9.60	154	1049918	45.03	nq	98
52) 3-Nitroaniline	9.52	138	37958	5.21	nq	87
53) 2,4-Dinitrophenol	9.66	184	318619	95.03	nq #	73
54) Dibenzofuran	9.82	168	1498894	47.23	nq	99
55) 4-Nitrophenol	9.77	139	389825	68.32	nq #	69
56) 2,4-Dinitrotoluene	9.82	165	353205	45.32	nq #	68
57) Fluorene	10.24	166	1124414	42.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	270371	49.41	nq	98
59) Diethylphthalate	10.13	149	1282650	47.95	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	485425	43.29	nq	92
61) 4-Nitroaniline	10.27	138	155553	22.25	nq	97
62) Azobenzene	10.44	77	1172449	46.33	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	210319	53.07	nq #	66
65) n-Nitrosodiphenylamine	10.40	169	707752	31.63	nq	96
66) 4-Bromophenyl-phenylether	10.85	248	309060	48.56	nq	99
67) Hexachlorobenzene	10.92	284	312626	48.53	nq #	87
68) Atrazine	11.06	200	98096	14.64	nq	97
69) Pentachlorophenol	11.17	266	320482	79.92	nq	100
70) Phenanthrene	11.42	178	1616953	44.92	nq	99
71) Anthracene	11.49	178	1663566	44.88	nq	99
72) Carbazole	11.68	167	929291	24.45	nq	98
73) Di-n-butylphthalate	12.13	149	1929265	48.81	nq	99
74) Fluoranthene	12.88	202	1620363	43.96	nq	99
77) Pyrene	13.16	202	1599525	48.05	nq	100
79) Butylbenzylphthalate	13.97	149	782138	55.14	nq	88
80) Benzo(a)anthracene	14.63	228	1263042	47.22	nq	99
82) Chrysene	14.67	228	1090874	43.95	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	1044848	53.99	nq #	100
84) Di-n-octyl phthalate	15.44	149	1722882	53.29	nq	97
85) Indeno(1,2,3-cd)pyrene	17.63	276	884611	41.15	nq	100
87) Benzo(b)fluoranthene	15.86	252	970142	70.81	nq	98
88) Benzo(k)fluoranthene	15.86	252	970142	72.37	nq	96
89) Benzo(a)pyrene	16.22	252	847405	67.17	nq	99
90) Dibenzo(a,h)anthracene	17.65	278	761841	71.30	nq	98
91) Benzo(g,h,i)perylene	18.03	276	717255	66.61	nq	98

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

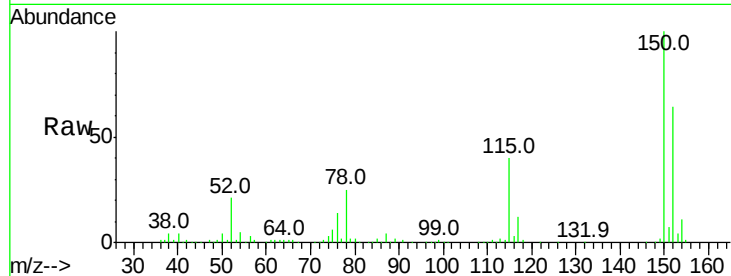


#1

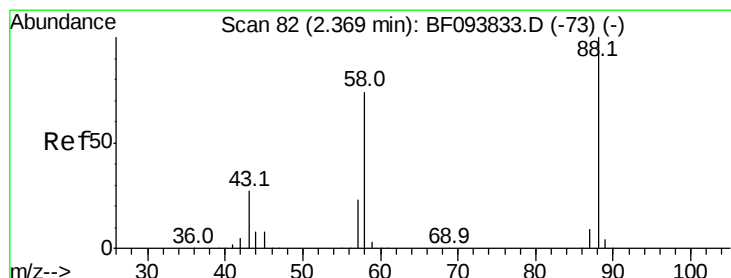
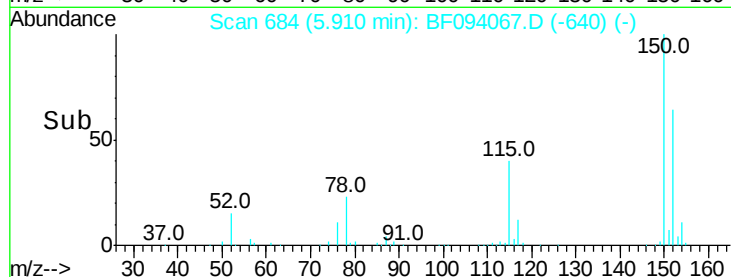
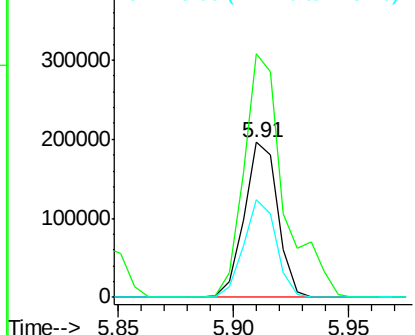
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion:152 Resp: 198494
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 62.9 52.2 78.2



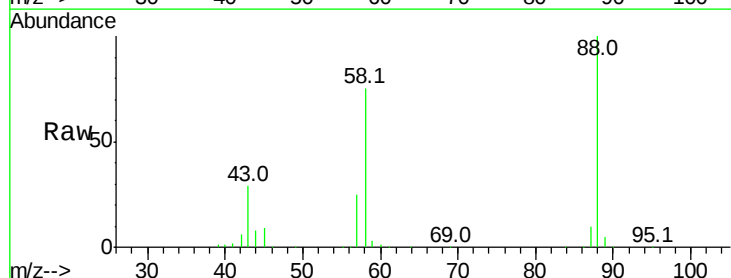
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



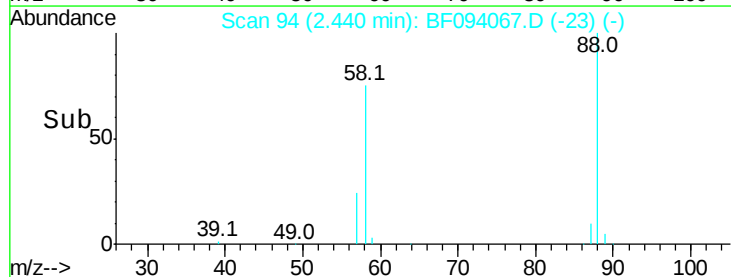
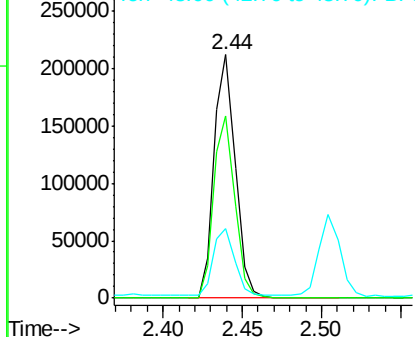
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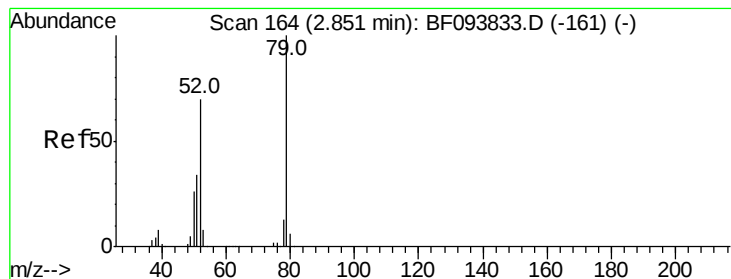
1,4-Dioxane
 Concen: 35.09 ng
 RT: 2.44 min Scan# 94
 Delta R.T. 0.12 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion: 88 Resp: 198124
 Ion Ratio Lower Upper
 88 100
 58 74.8 61.4 92.0
 43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.43 ng

RT: 2.88 min Scan# 168

Delta R.T. 0.06 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

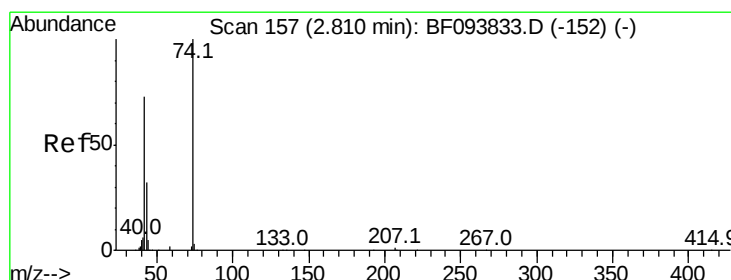
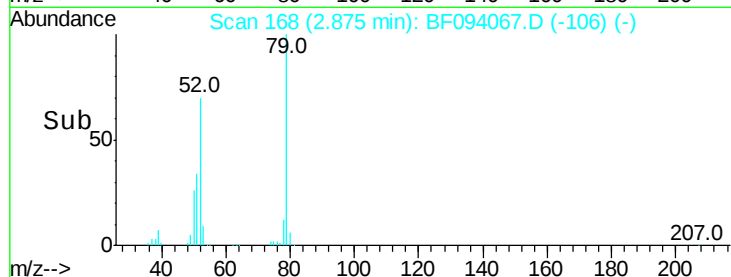
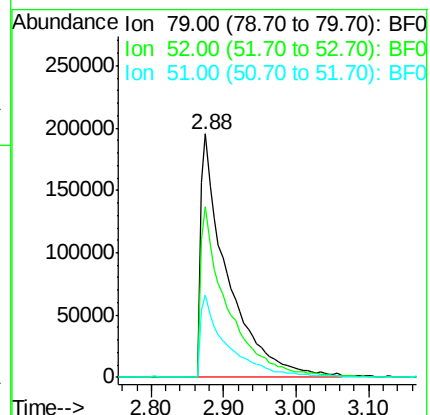
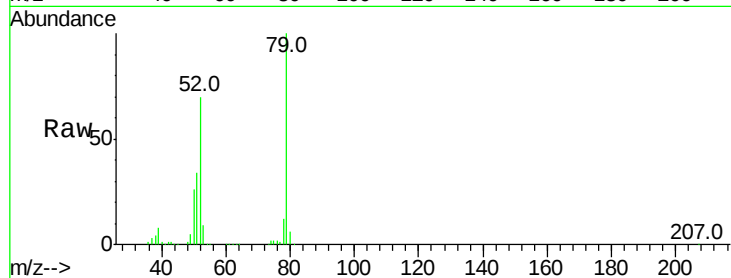
Tot Ion: 79 Resp: 499009

Ion Ratio Lower Upper

79 100

52 70.1 54.8 82.2

51 33.9 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.70 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.05 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

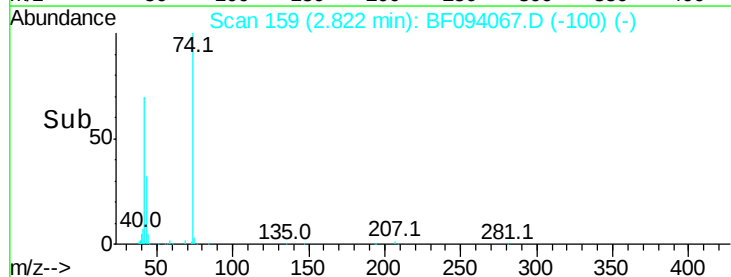
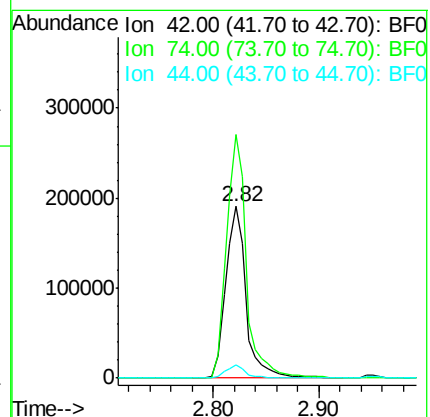
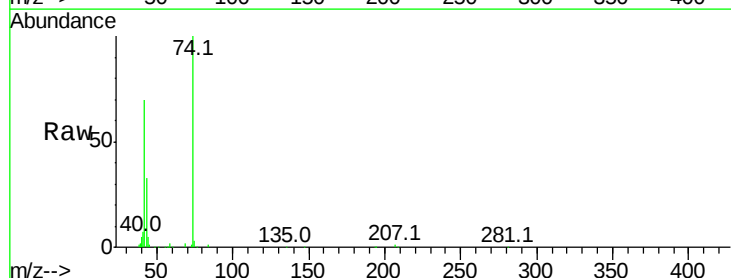
Tgt Ion: 42 Resp: 257676

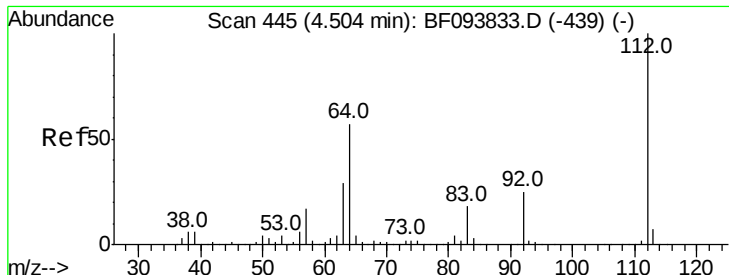
Ion Ratio Lower Upper

42 100

74 142.1 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 119.91 ng

RT: 4.47 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

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ClientSampleId :

WC-B42-B51-001MSD

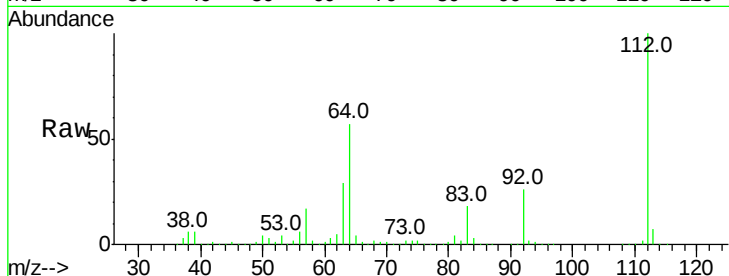
Tot Ion:112 Resp: 1409164

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

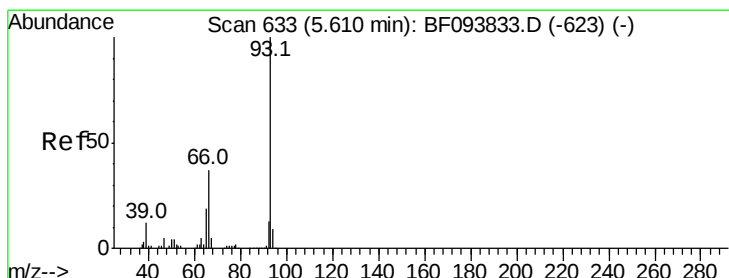
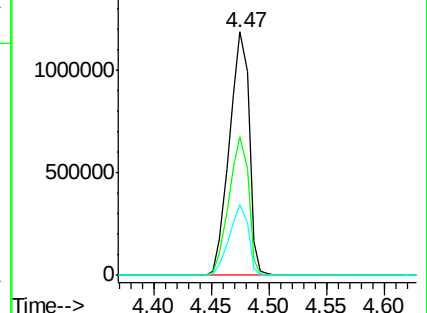
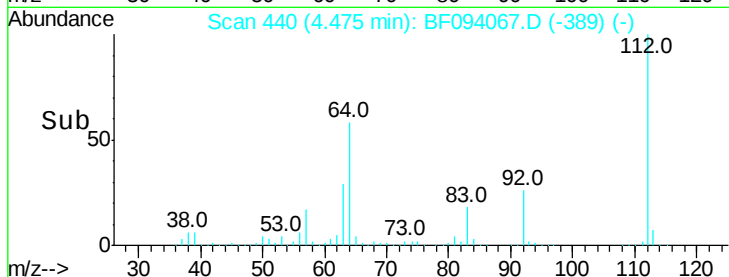
63 29.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.70 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

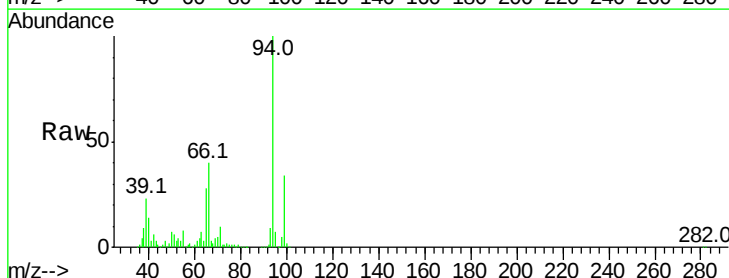
Tgt Ion: 93 Resp: 95093

Ion Ratio Lower Upper

93 100

66 439.3 32.9 49.3#

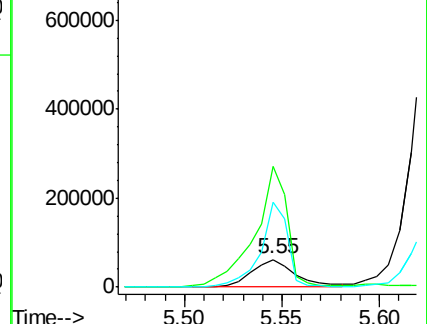
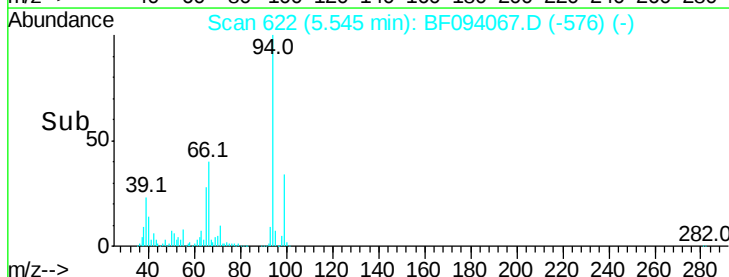
65 306.8 16.0 24.0#

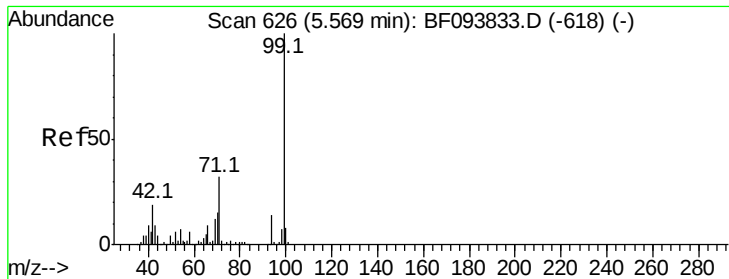


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.33 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

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WC-B42-B51-001MSD

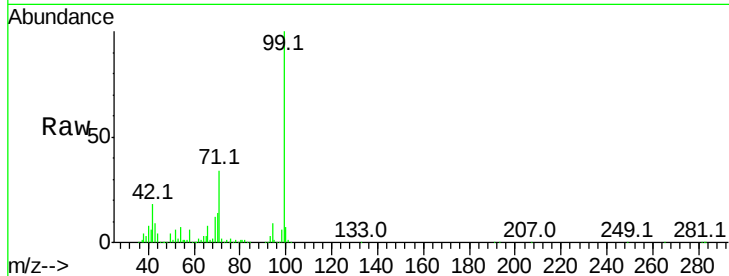
Tot Ion: 99 Resp: 1691264

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

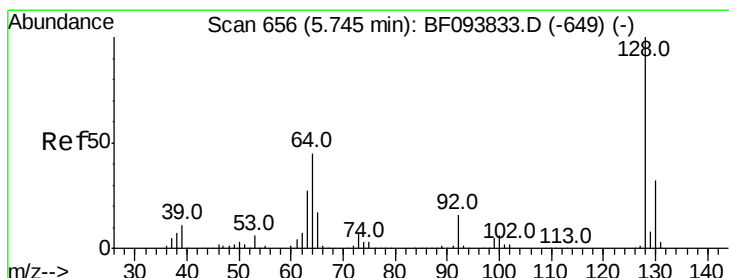
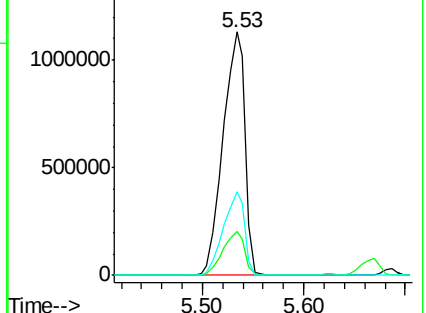
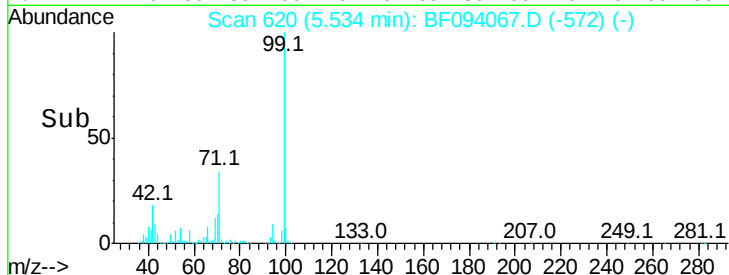
71 34.3 24.5 36.7



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: 44.25 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

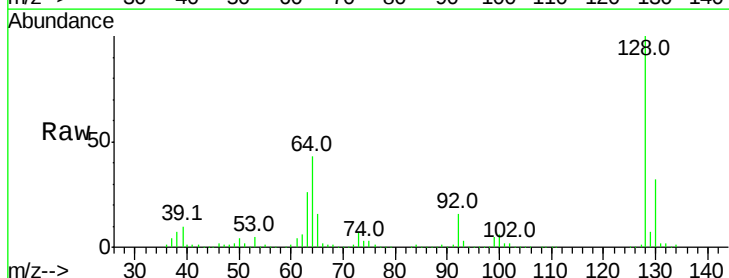
Tgt Ion:128 Resp: 571623

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

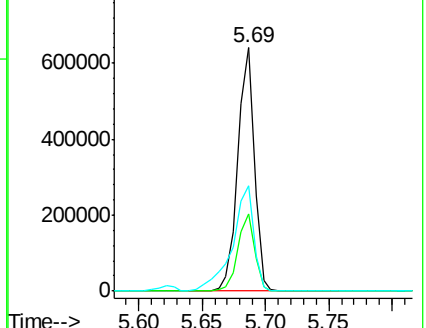
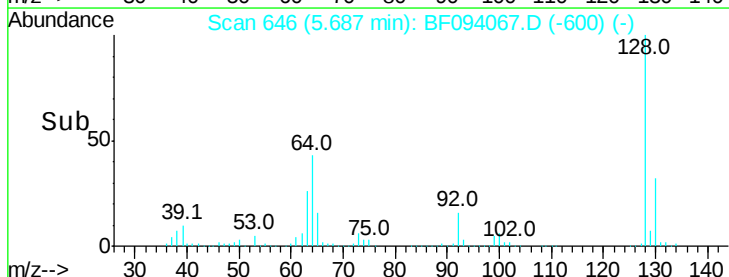
64 43.5 28.4 68.4

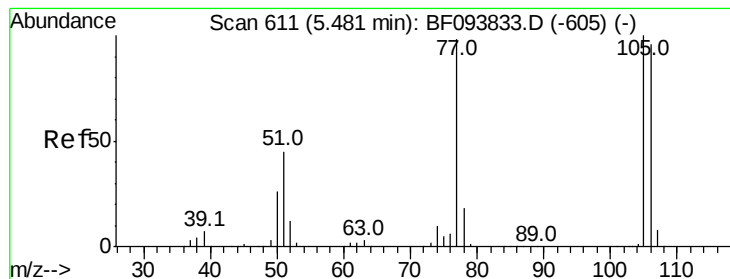


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.59 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

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ClientSampleId :

WC-B42-B51-001MSD

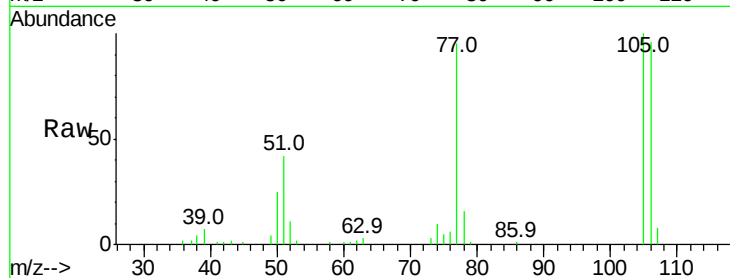
Tot Ion: 77 Resp: 45047

Ion Ratio Lower Upper

77 100

105 105.1 83.8 123.8

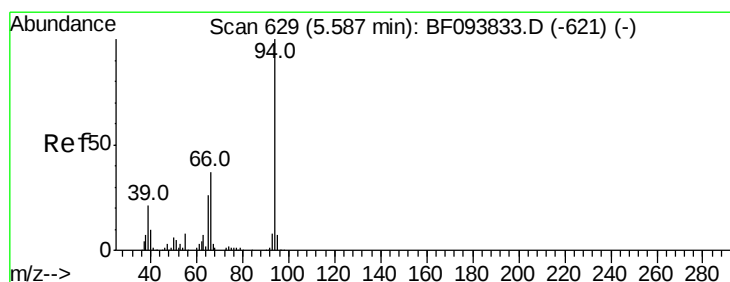
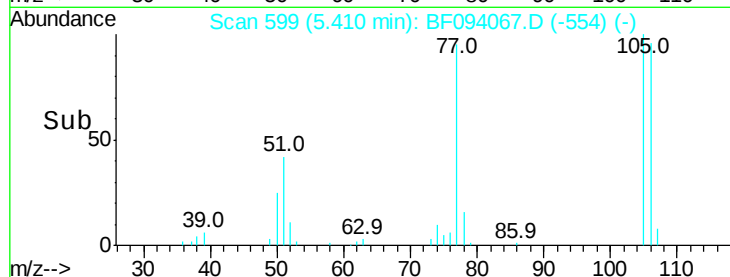
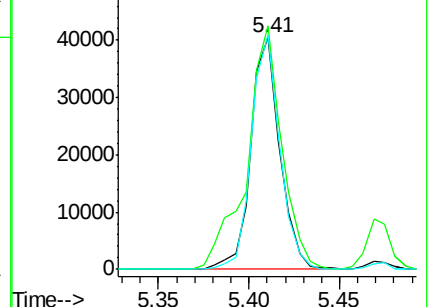
106 101.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.86 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

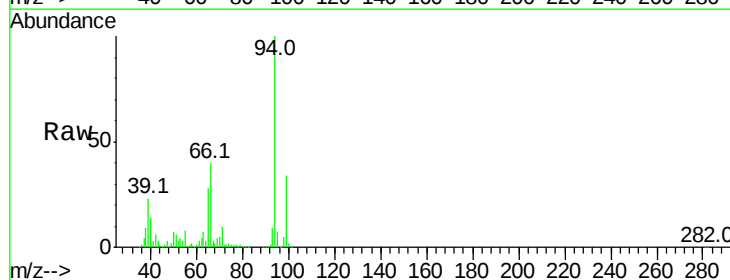
Tgt Ion: 94 Resp: 609848

Ion Ratio Lower Upper

94 100

65 28.0 9.9 49.9

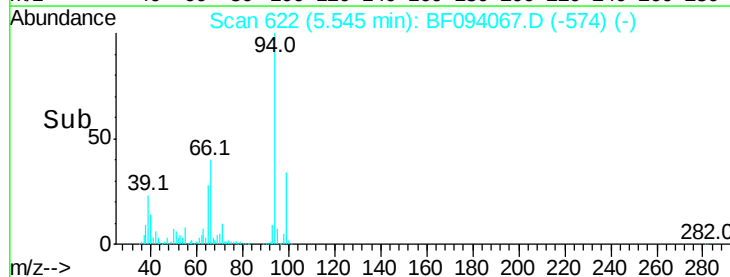
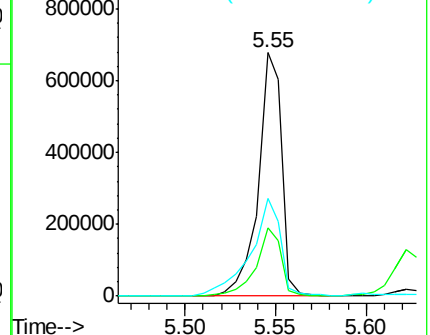
66 40.1 23.1 63.1

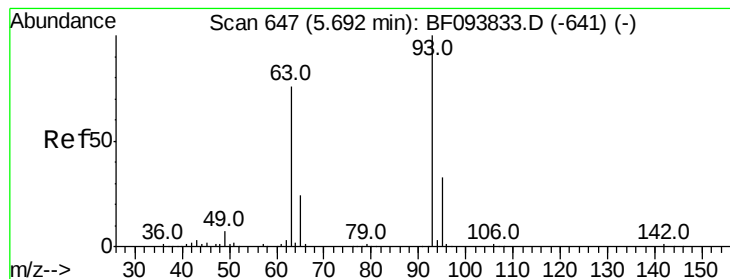


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.81 ng

RT: 5.62 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

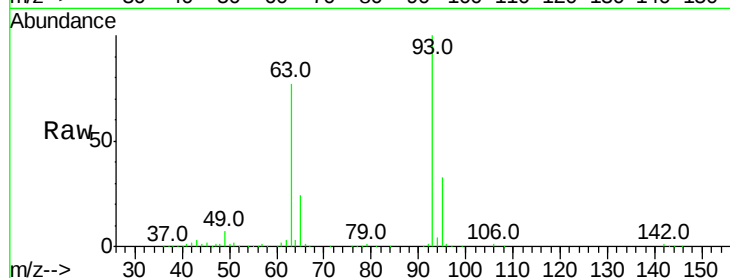
Tot Ion: 93 Resp: 566395

Ion Ratio Lower Upper

93 100

63 77.5 59.2 99.2

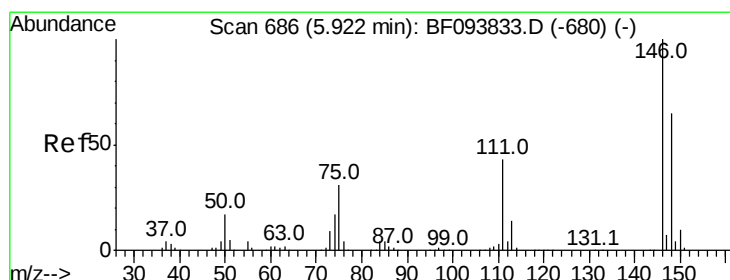
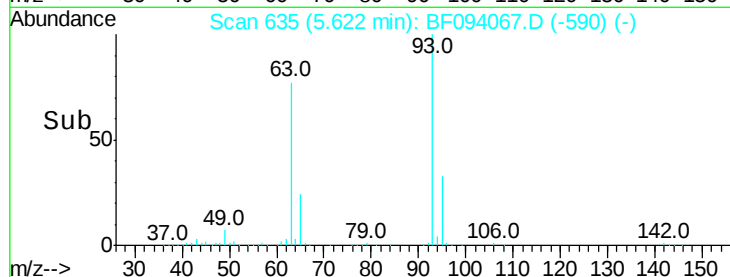
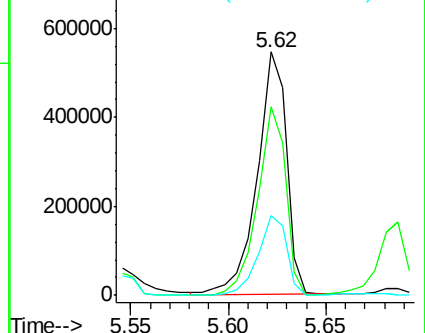
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.13 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

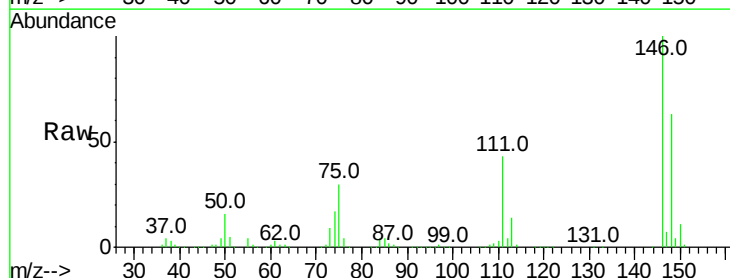
Tgt Ion: 146 Resp: 581456

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

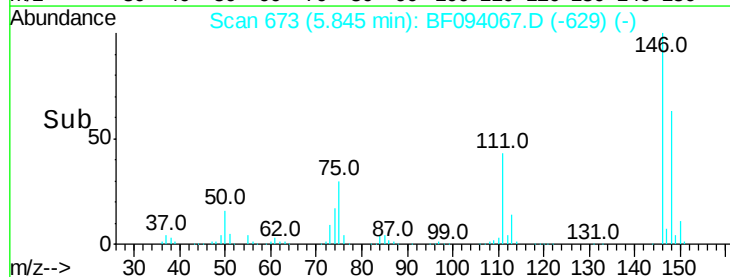
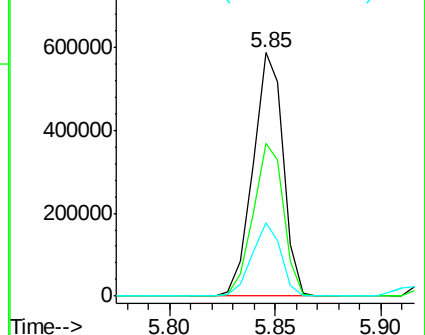
75 30.0 23.1 34.7

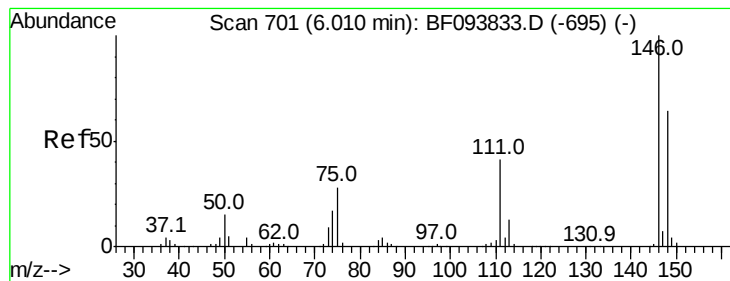


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.78 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

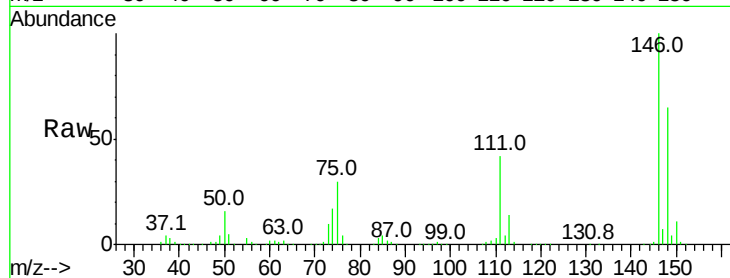
Tot Ion:146 Resp: 598417

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

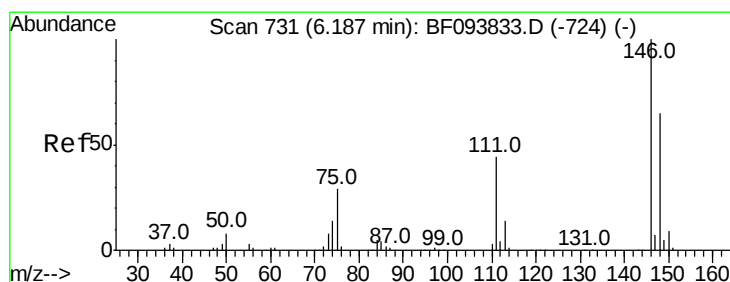
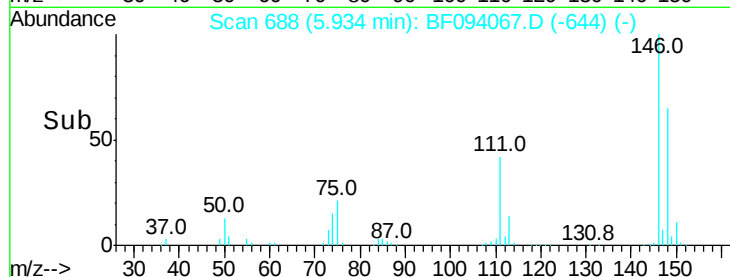
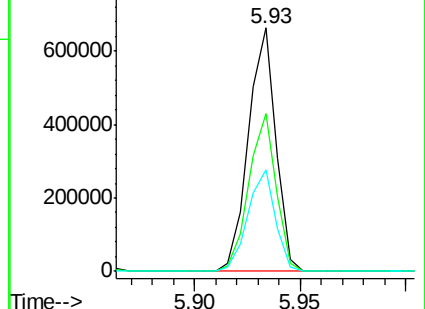
111 41.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.20 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

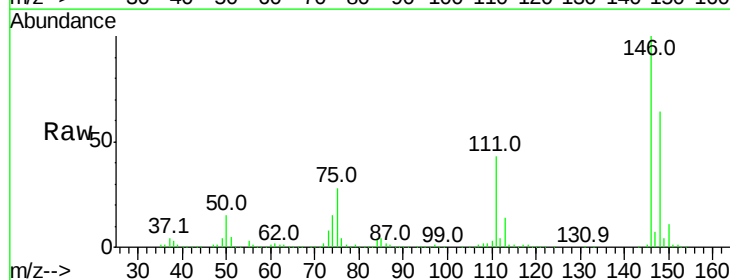
Tgt Ion:146 Resp: 637943

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

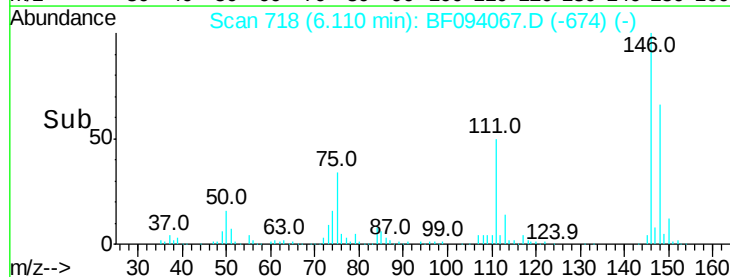
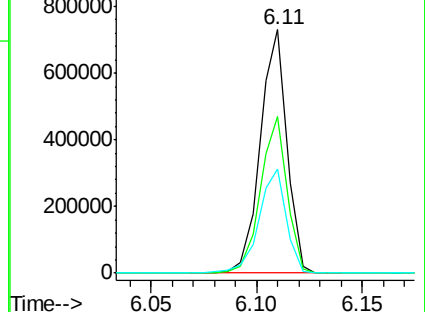
111 43.0 38.2 57.4

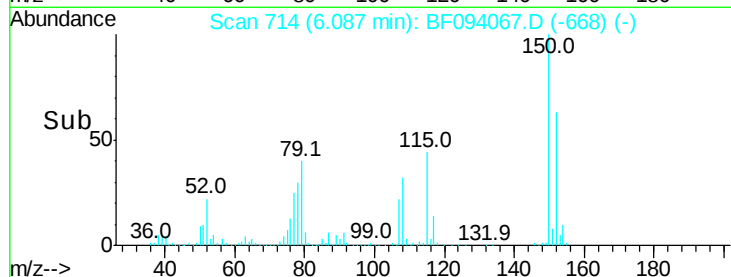
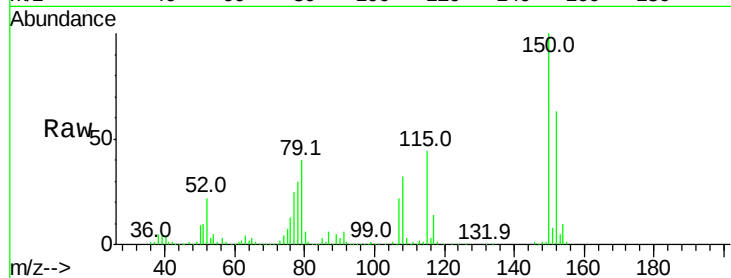
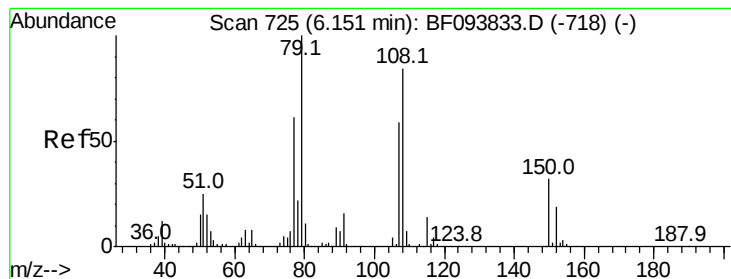


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.10 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

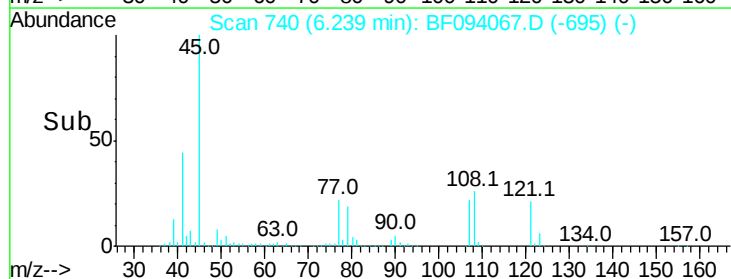
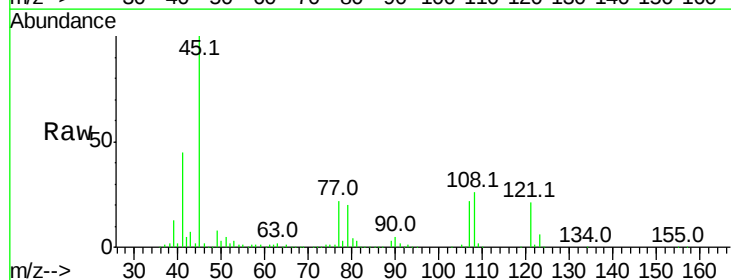
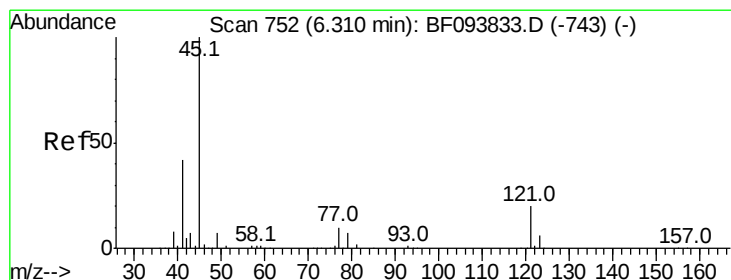
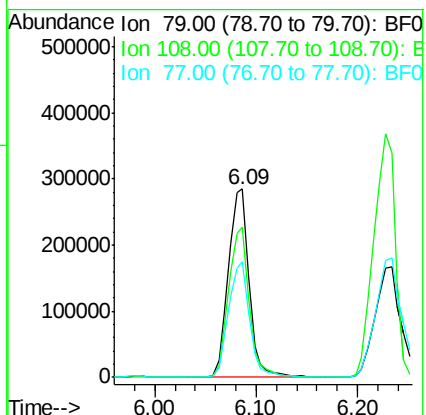
Tot Ion: 79 Resp: 405412

Ion Ratio Lower Upper

79 100

108 79.4 63.4 95.0

77 61.4 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.50 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

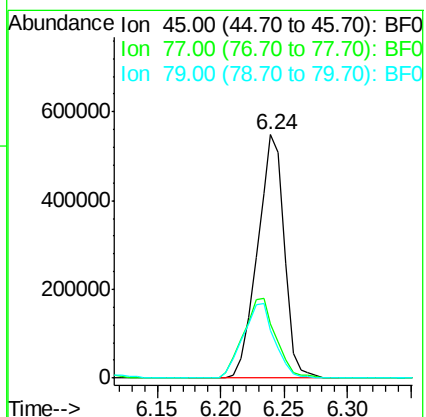
Tgt Ion: 45 Resp: 806861

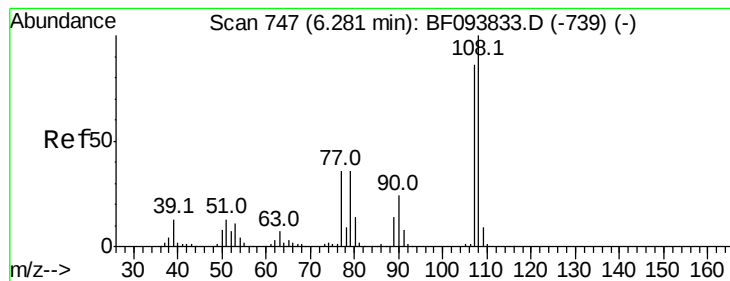
Ion Ratio Lower Upper

45 100

77 22.4 0.0 33.2

79 19.6 0.0 30.0

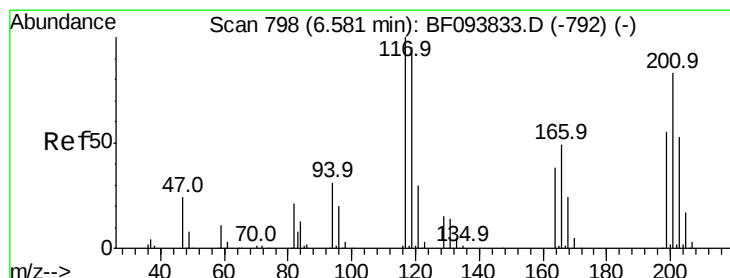
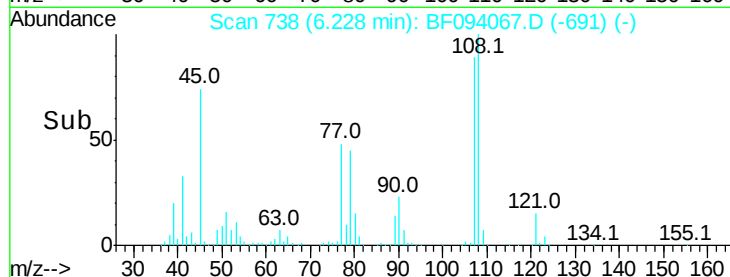
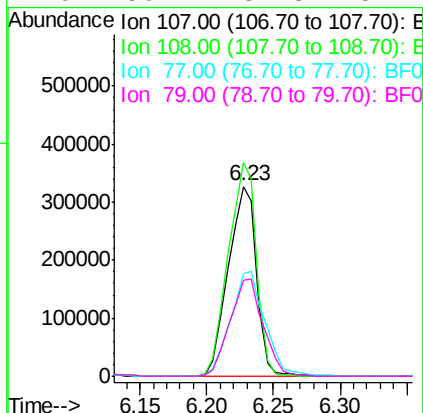
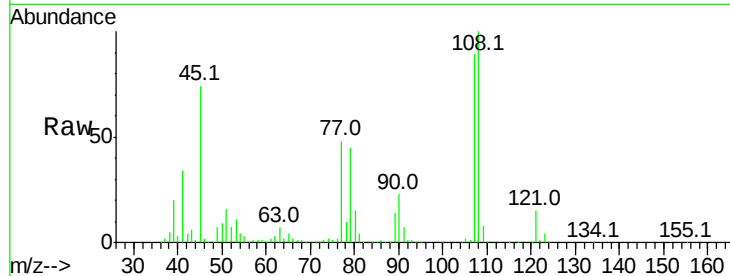




#17
2-Methylphenol
Concen: 43.82 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

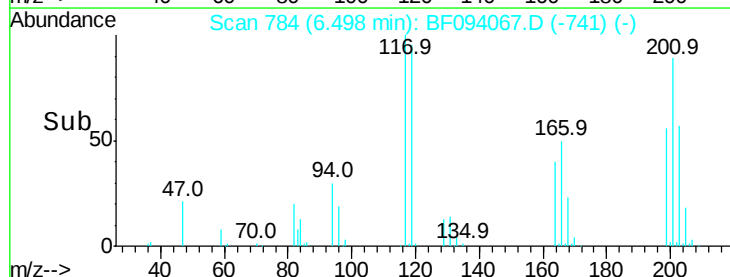
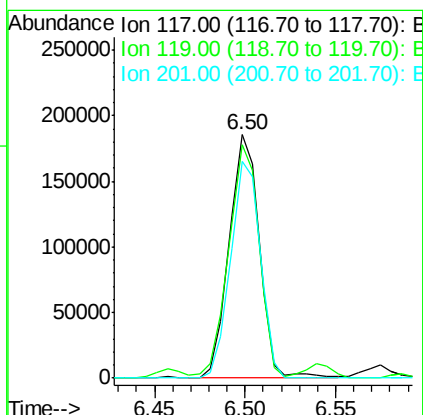
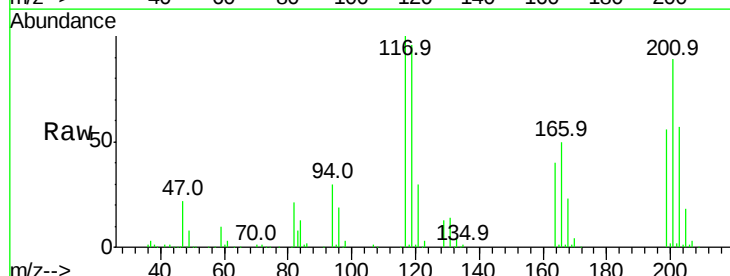
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

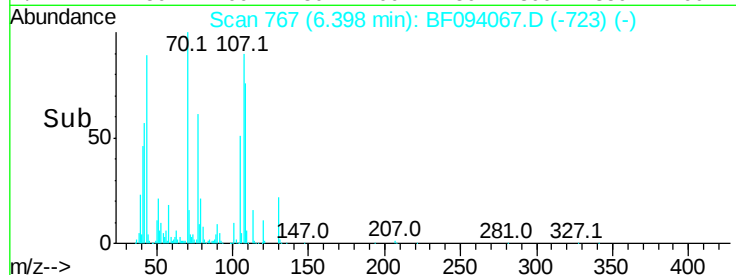
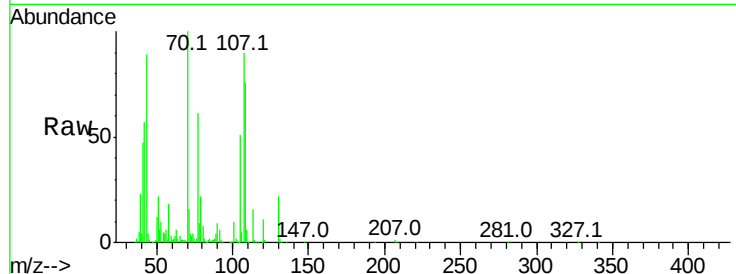
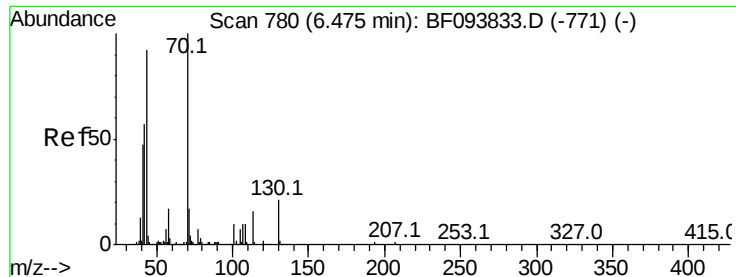
Tot Ion:107 Resp: 484770
Ion Ratio Lower Upper
107 100
108 112.5 93.4 140.0
77 54.1 35.8 53.6#
79 50.2 34.8 52.2



#18
Hexachloroethane
Concen: 41.72 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.05 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Tgt Ion:117 Resp: 215178
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
201 89.2 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 44.81 ng

RT: 6.40 min Scan# 767

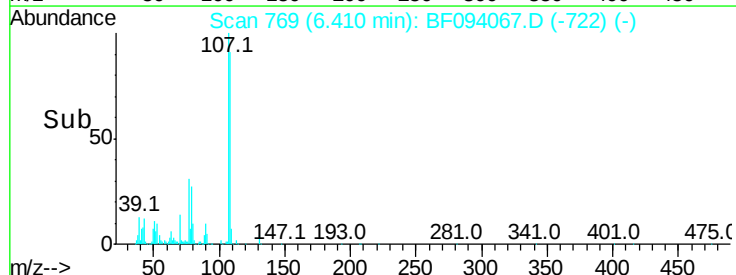
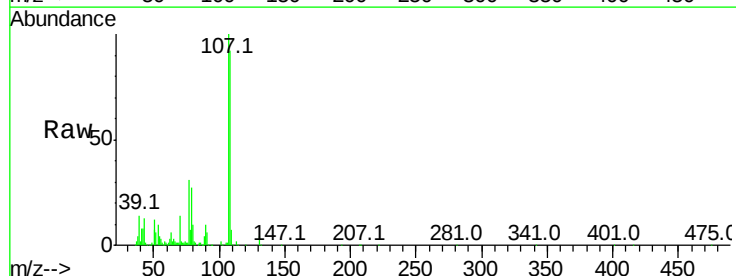
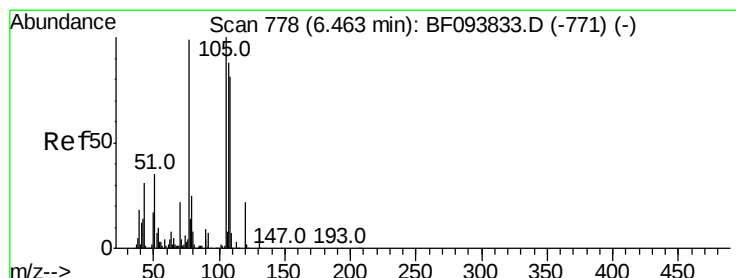
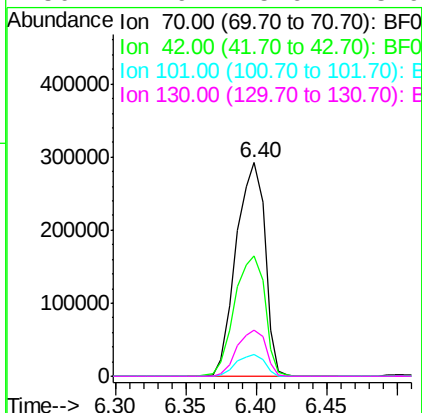
Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:	70	Resp:	418702
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.2	70.8
101	9.9	7.2	10.8
130	21.6	15.9	23.9



#20

3+4-Methylphenols

Concen: 47.29 ng

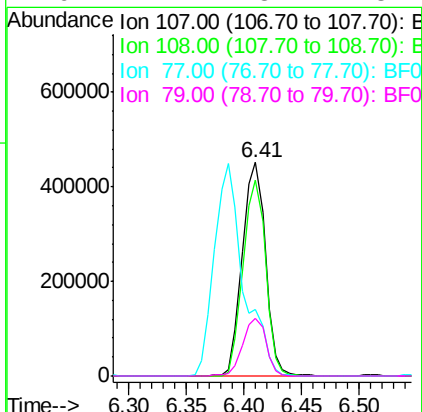
RT: 6.41 min Scan# 769

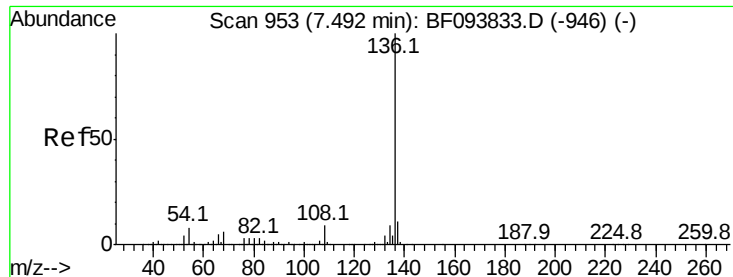
Delta R.T. -0.02 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Tgt Ion:	107	Resp:	633609
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	31.4	90.5	130.5#
79	27.2	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: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

Tot Ion:136 Resp: 809261

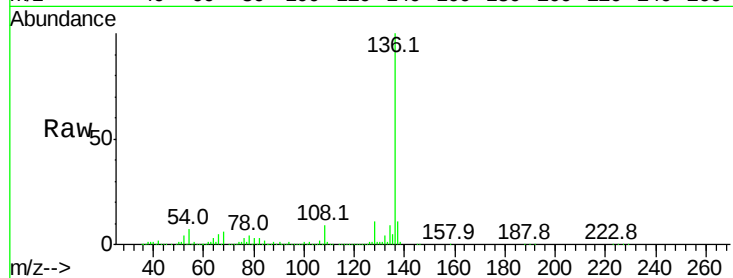
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.0 4.9 7.3

68 5.9 4.1 6.1

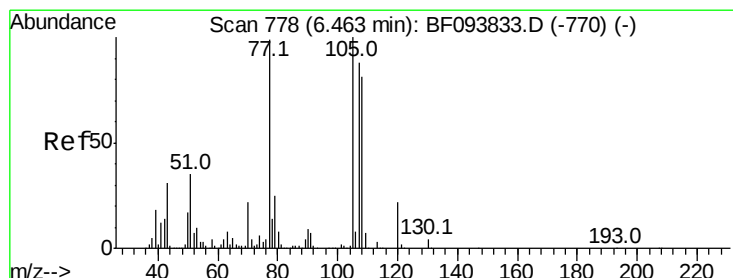
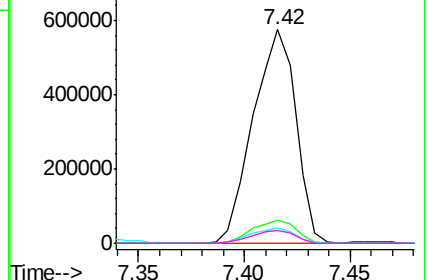
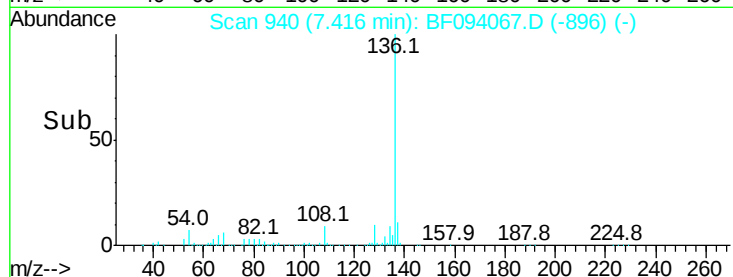


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.08 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Tgt Ion:105 Resp: 849156

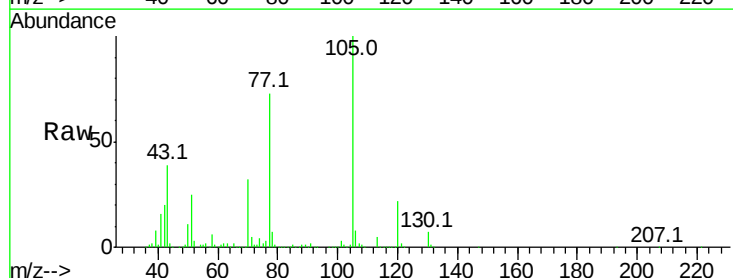
Ion Ratio Lower Upper

105 100

71 5.2 2.8 4.2#

51 24.9 30.7 46.1#

120 22.0 17.4 26.0

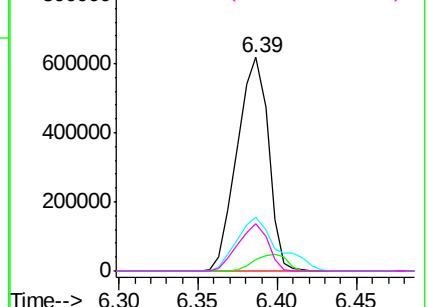
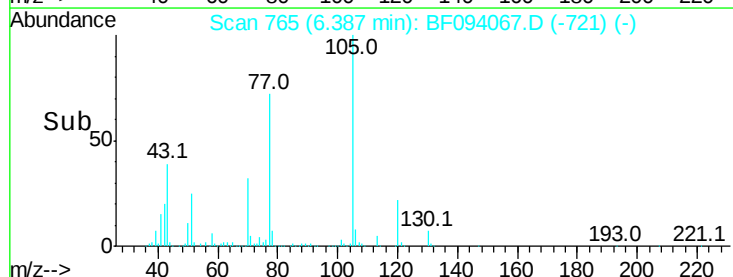


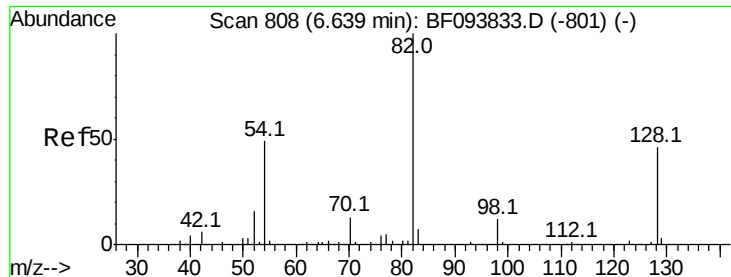
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



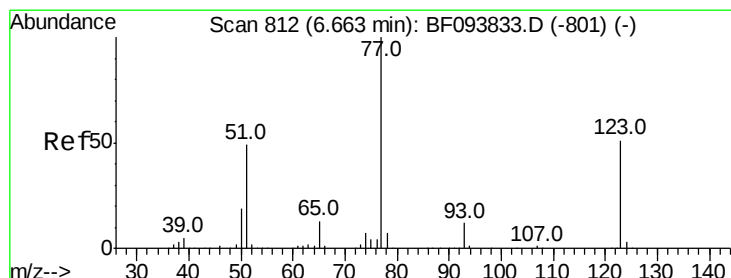
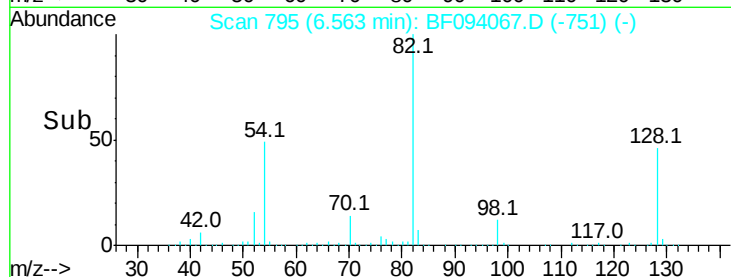
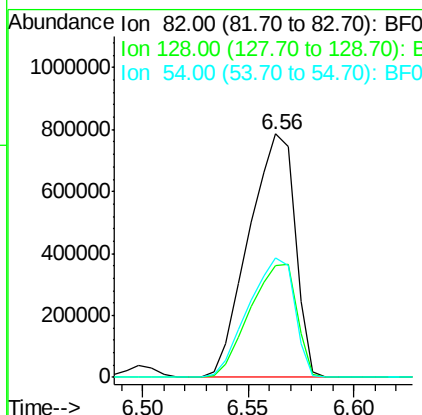
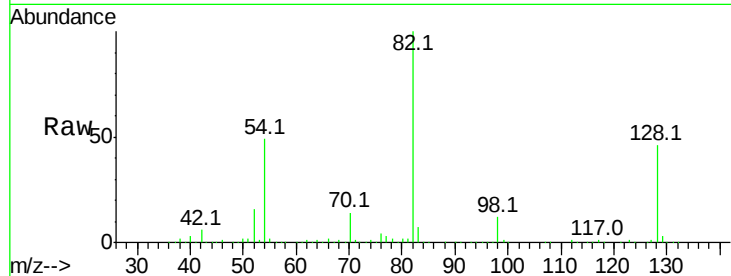


#23
 Nitrobenzene-d5
 Concen: 84.30 ng
 RT: 6.56 min Scan# 795
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion: 82 Resp: 1195477

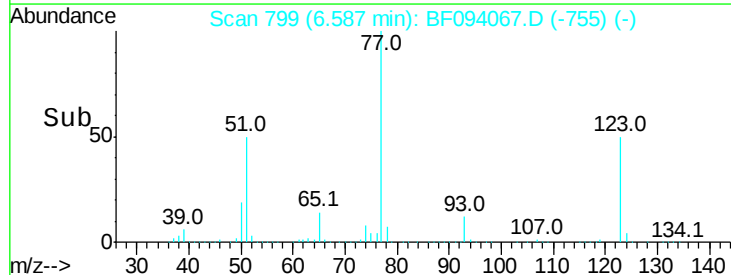
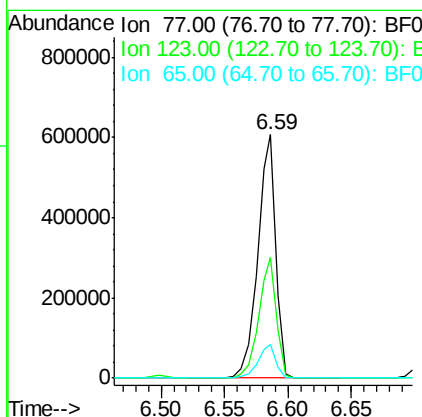
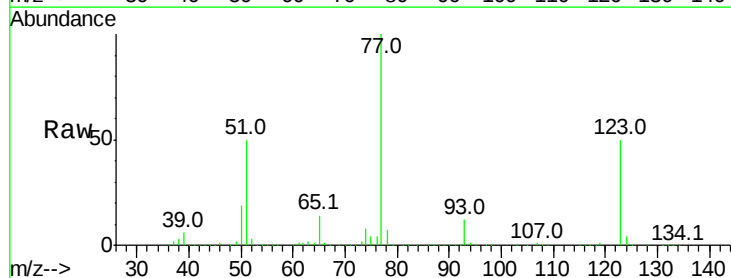
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	48.9	42.2	63.2

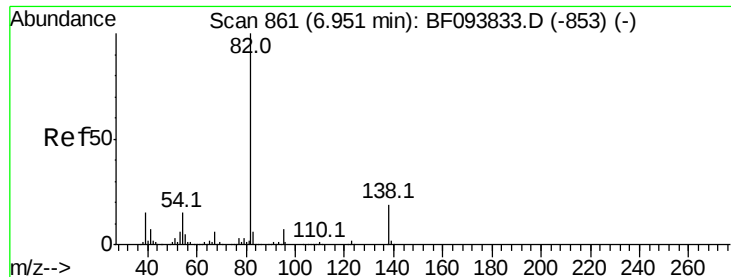


#24
 Nitrobenzene
 Concen: 43.58 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion: 77 Resp: 609530

Ion	Ratio	Lower	Upper
77	100		
123	49.8	35.8	53.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 45.42 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

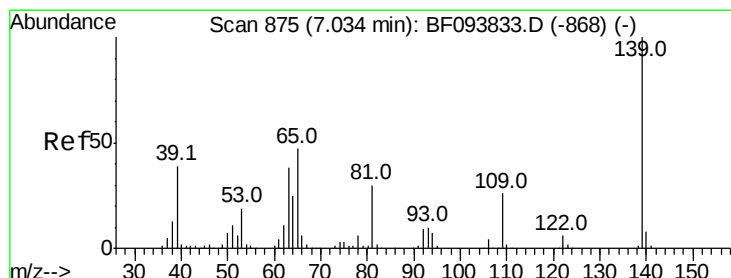
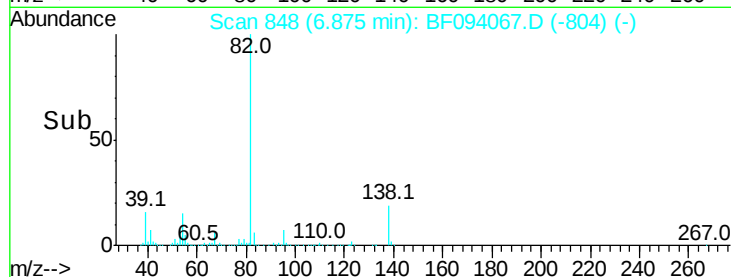
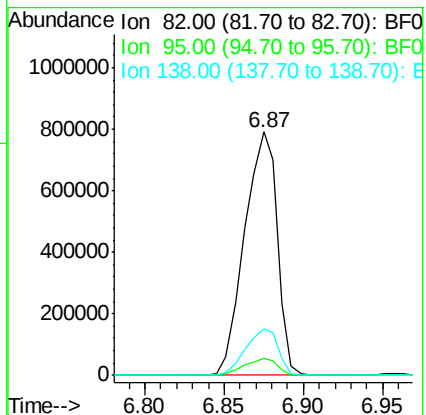
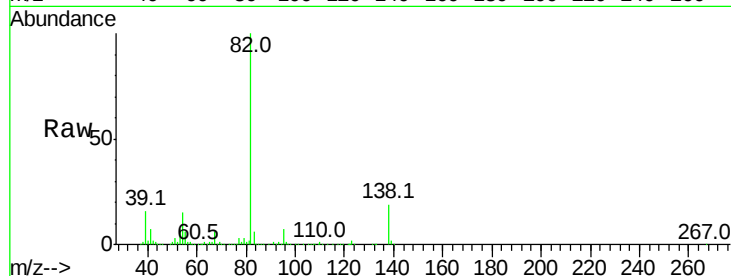
Tot Ion: 82 Resp: 1131768

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 50.80 ng

RT: 6.96 min Scan# 862

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

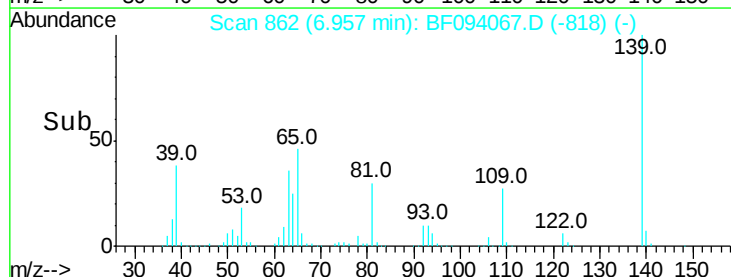
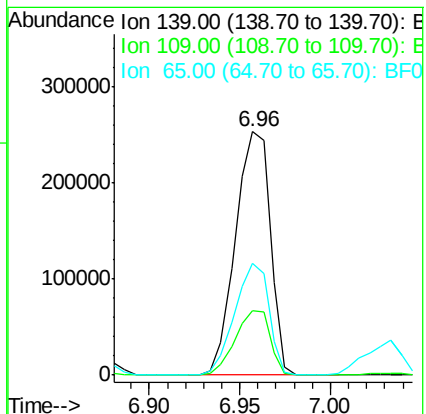
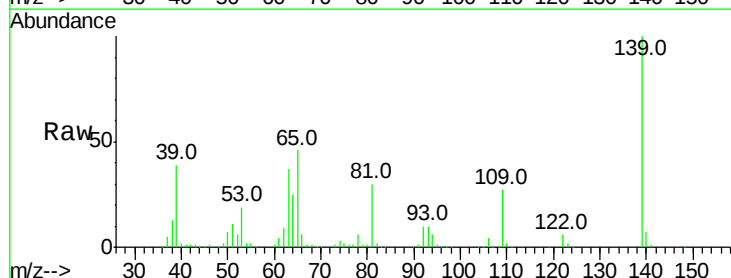
Tgt Ion: 139 Resp: 338822

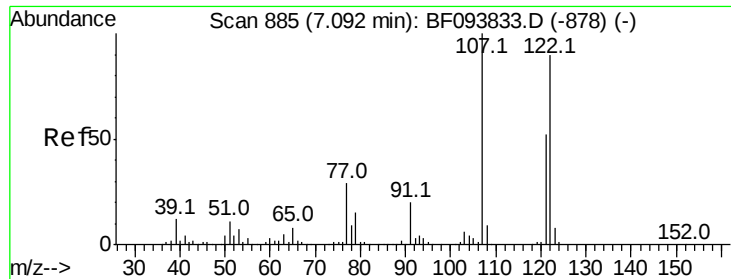
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 46.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 49.49 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

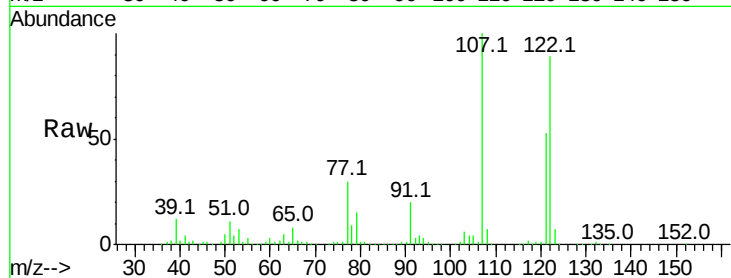
Tot Ion:122 Resp: 568796

Ion Ratio Lower Upper

122 100

107 112.0 89.2 133.8

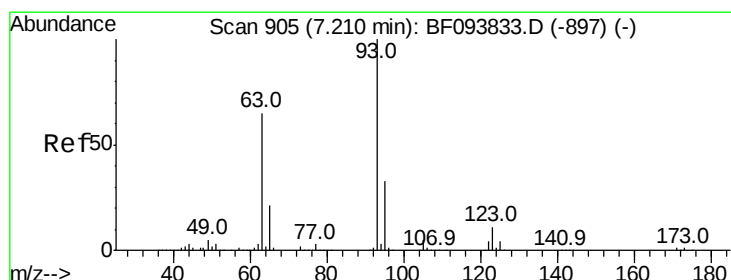
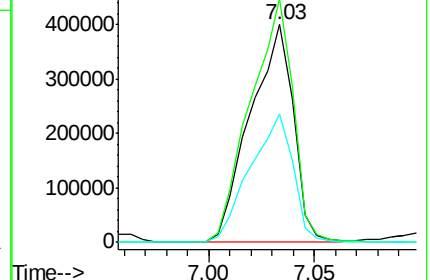
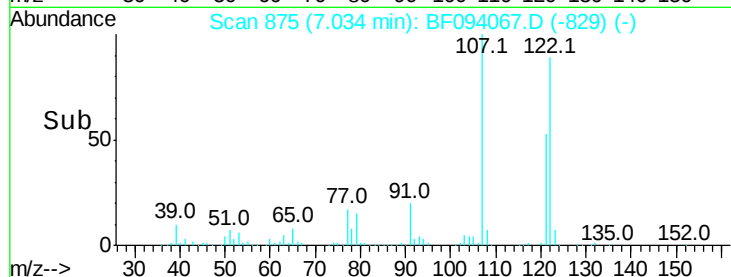
121 59.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.54 ng

RT: 7.13 min Scan# 892

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

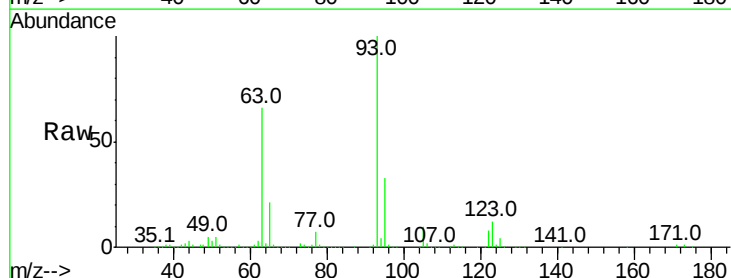
Tgt Ion: 93 Resp: 715514

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

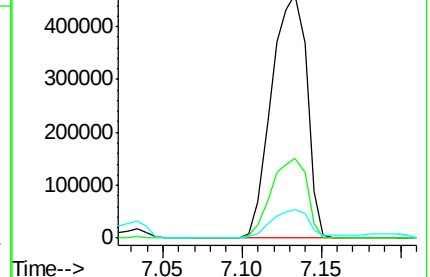
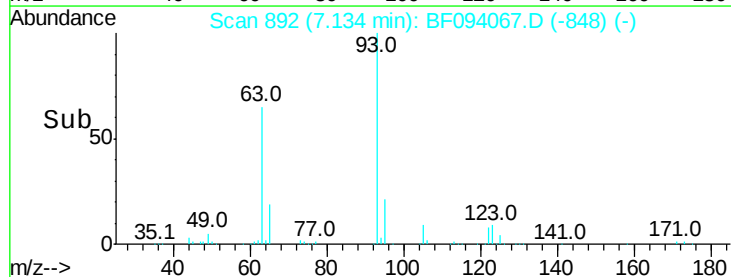
123 11.9 9.0 13.4

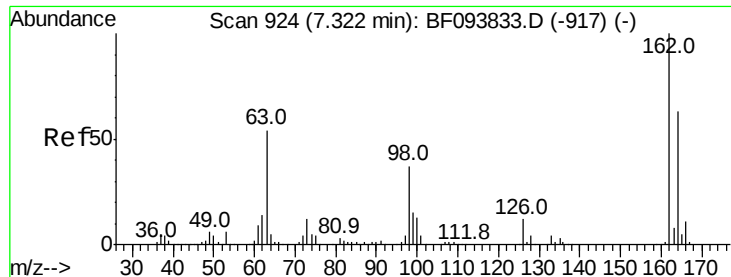


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

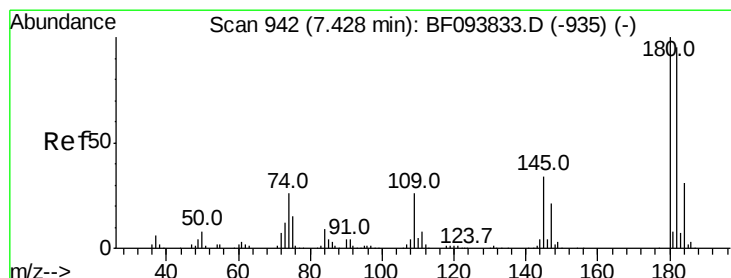
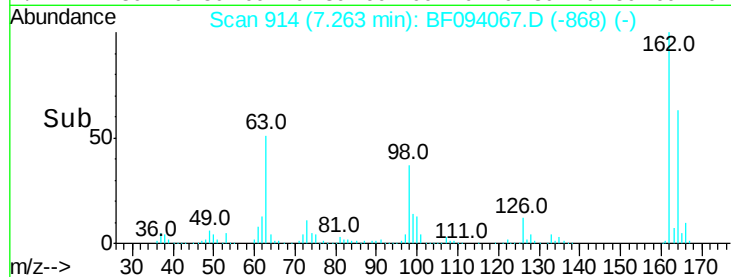
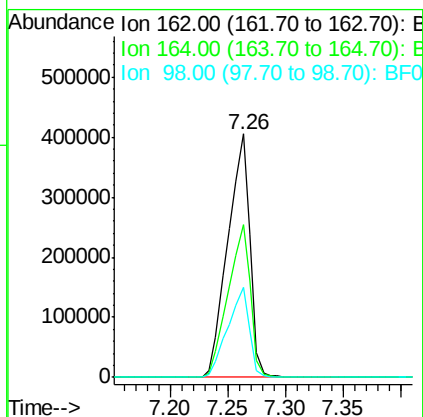
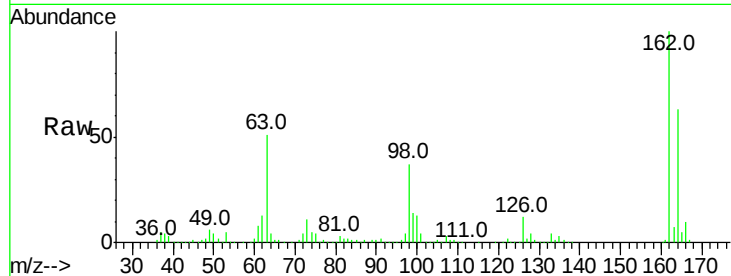




#29
 2,4-Dichlorophenol
 Concen: 50.03 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

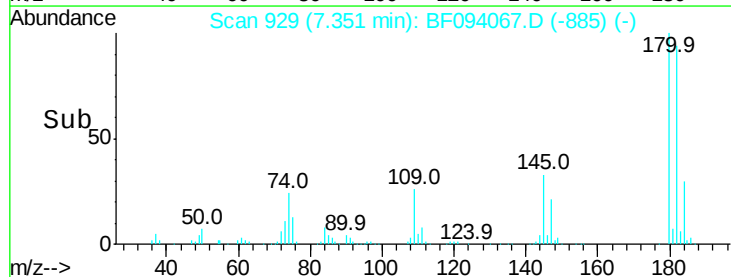
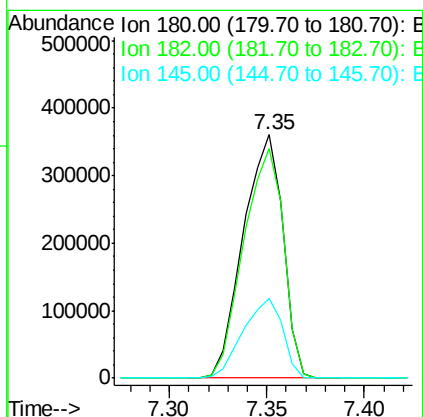
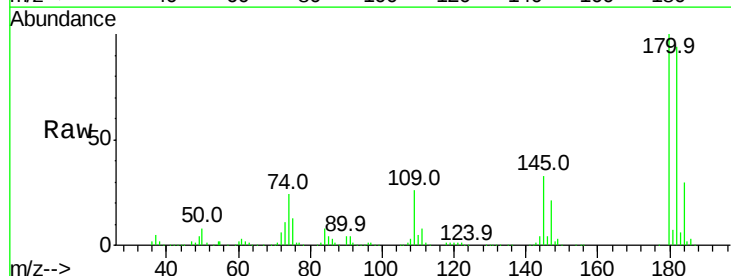
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

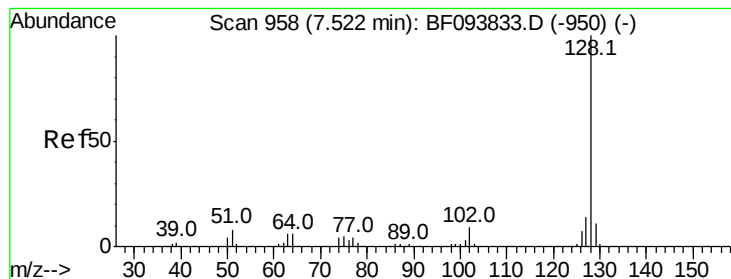
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	36.9	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 45.75 ng
 RT: 7.35 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	33.0	25.3	37.9





#31

Naphthalene

Concen: 66.03 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

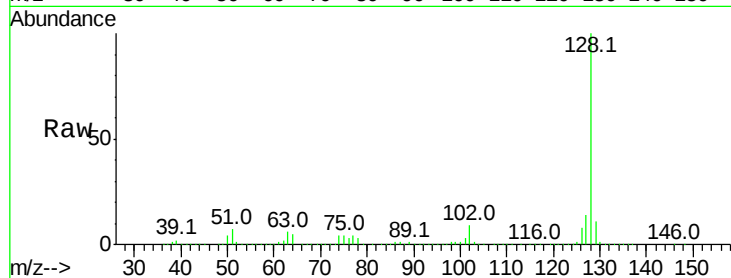
Tot Ion:128 Resp: 2569478

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

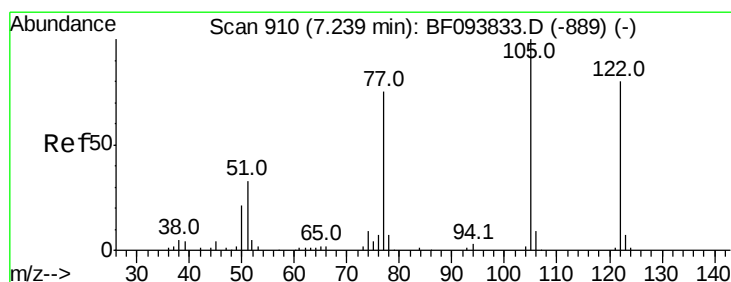
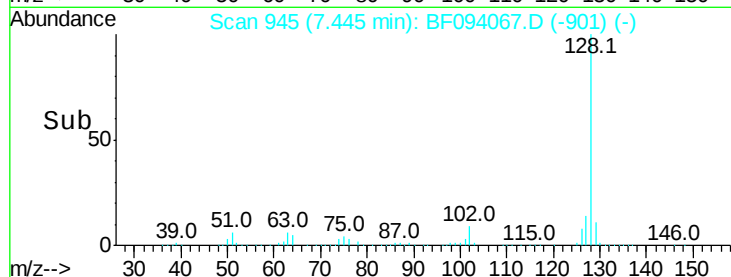
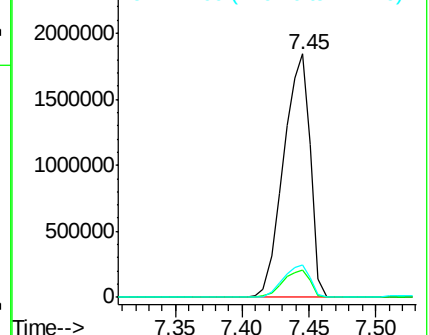
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.55 ng

RT: 7.19 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

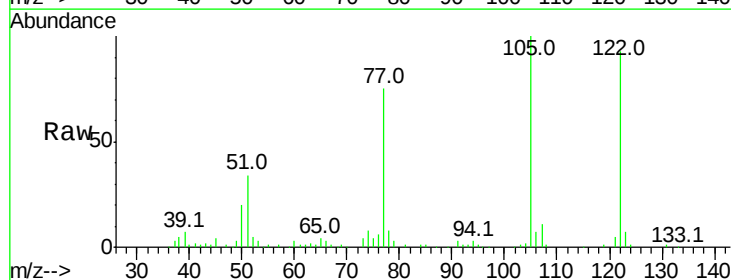
Tgt Ion:122 Resp: 379105

Ion Ratio Lower Upper

122 100

105 107.3 103.3 143.3

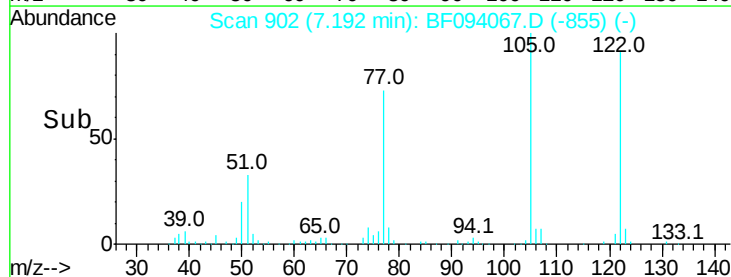
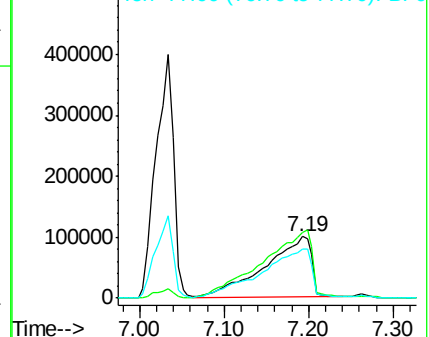
77 80.2 73.7 113.7

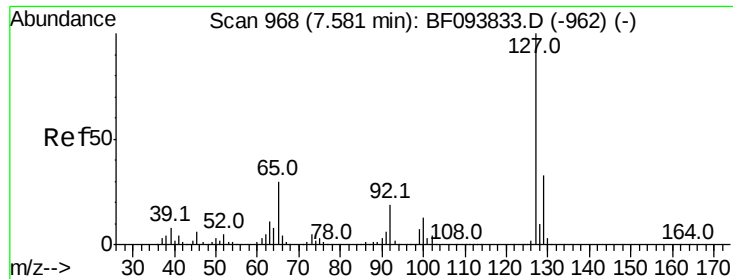


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

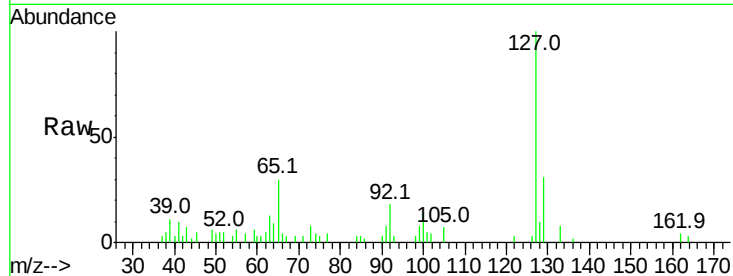




#33
4-Chloroaniline
Concen: 2.23 ng
RT: 7.53 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:	127	Resp:	35134
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	30.4	27.8	41.8
92	18.1	16.8	25.2



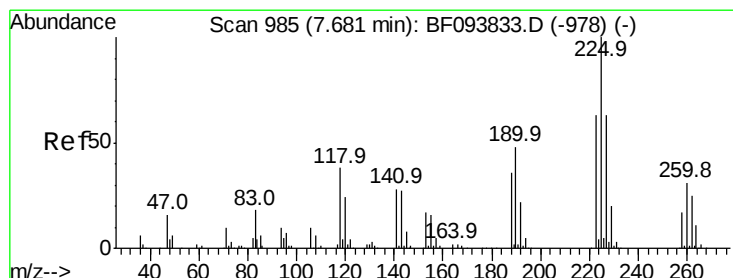
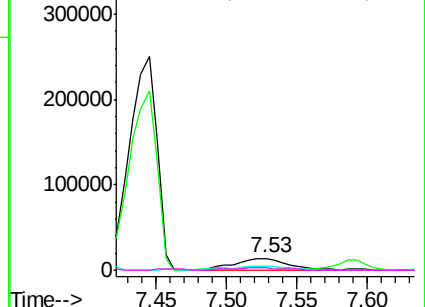
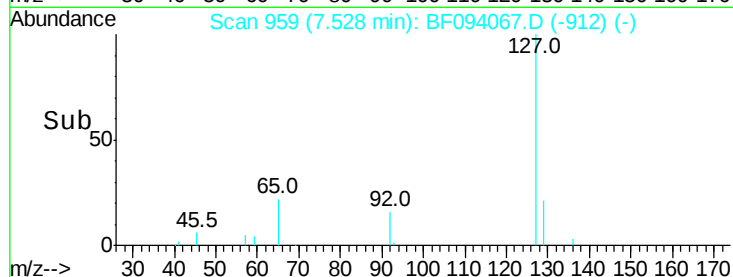
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

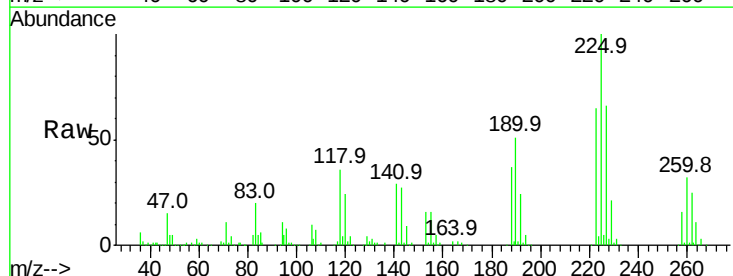
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 44.09 ng
RT: 7.60 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Tgt Ion:	225	Resp:	250248
Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.8	73.2
227	66.5	51.1	76.7

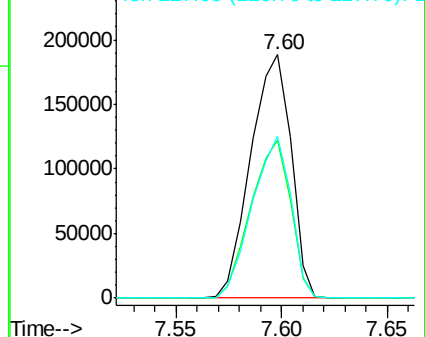
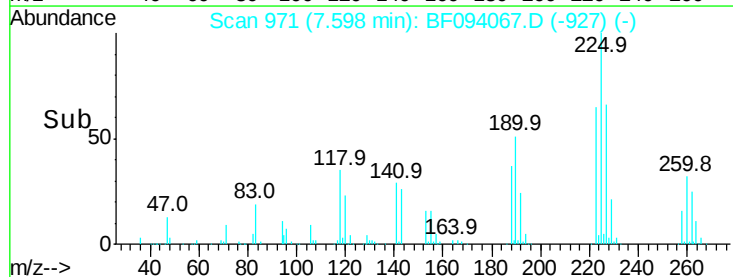


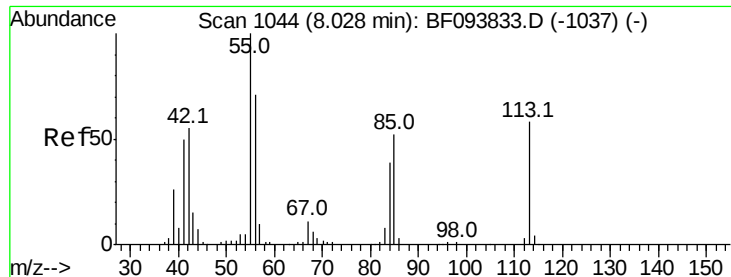
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.12 ng

RT: 7.97 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

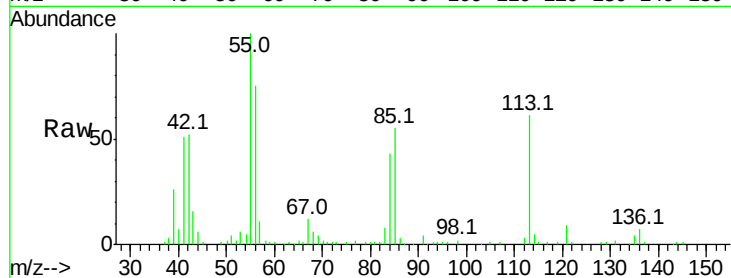
Tot Ion:113 Resp: 72376

Ion Ratio Lower Upper

113 100

55 164.5 150.2 190.2

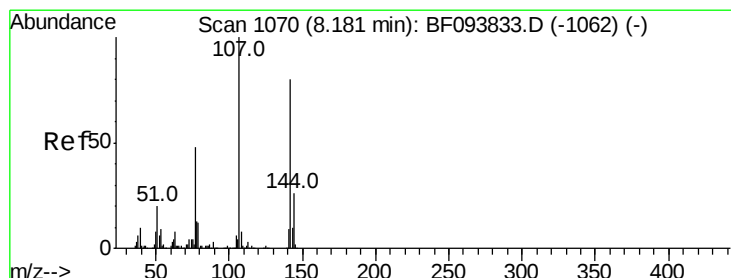
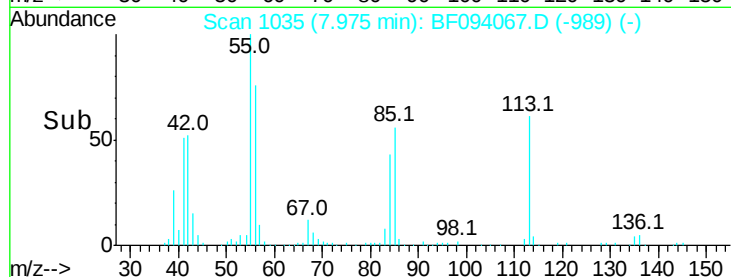
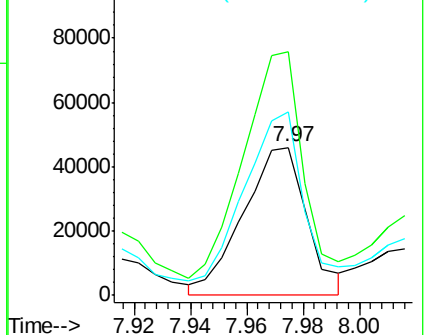
56 123.7 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.93 ng

RT: 8.14 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

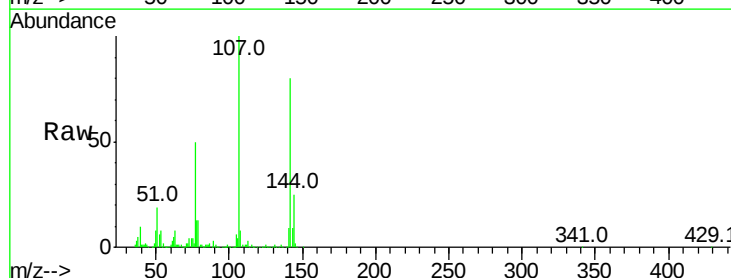
Tgt Ion:107 Resp: 560547

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

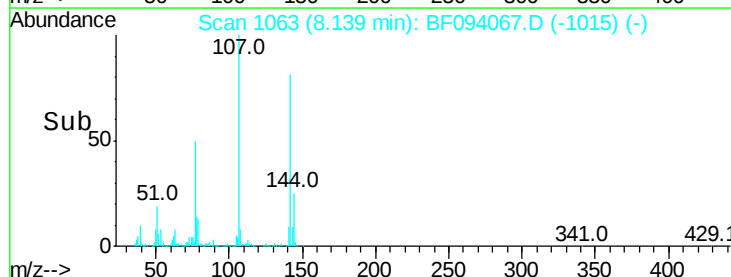
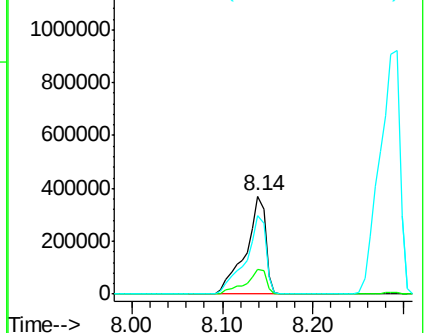
142 79.9 73.4 110.0

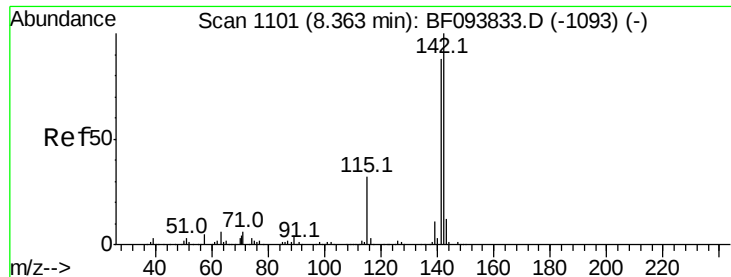


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 55.23 ng

RT: 8.29 min Scan# 1089

Delta R.T. -0.04 min

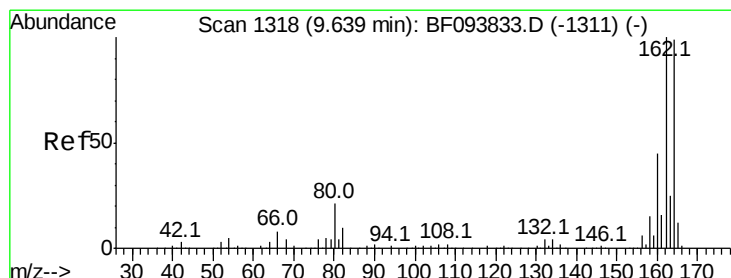
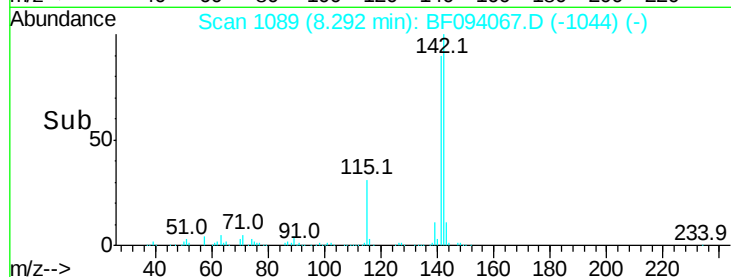
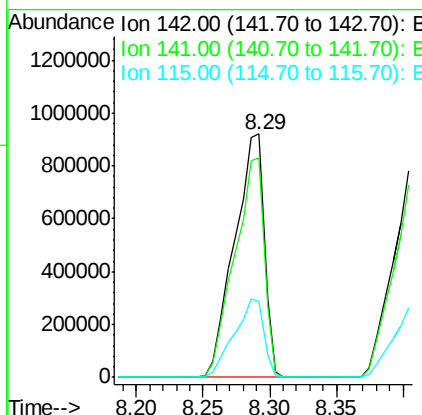
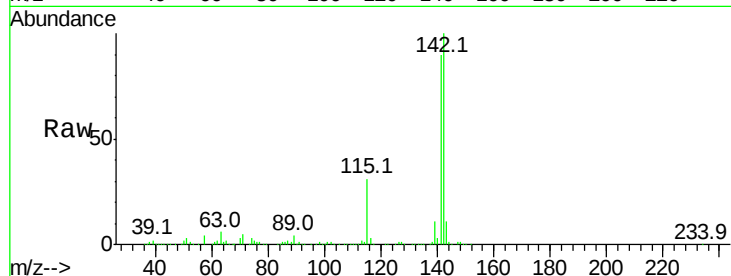
Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:142 Resp: 1432647

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	31.3	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 1305

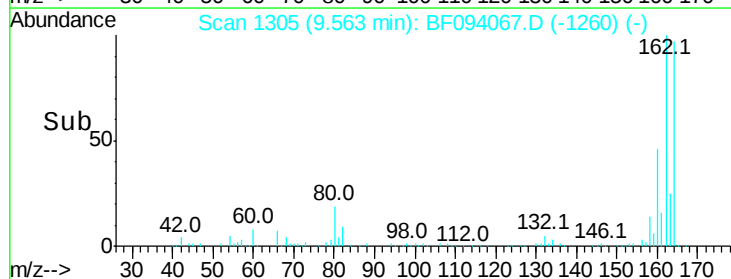
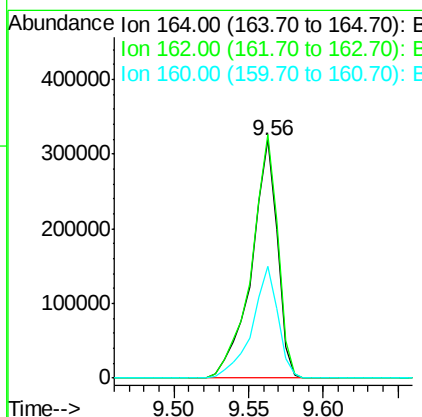
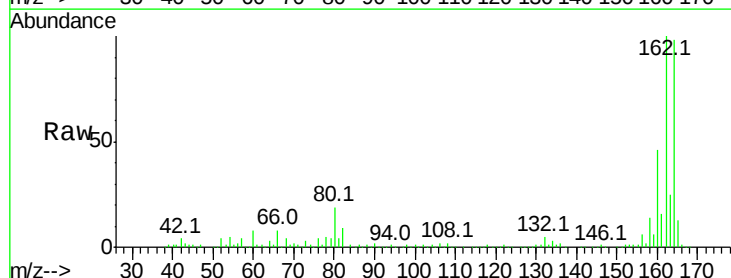
Delta R.T. -0.04 min

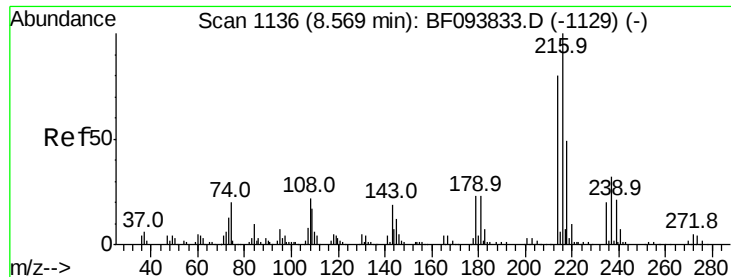
Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Tgt Ion:164 Resp: 380776

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	46.9	36.2	54.2

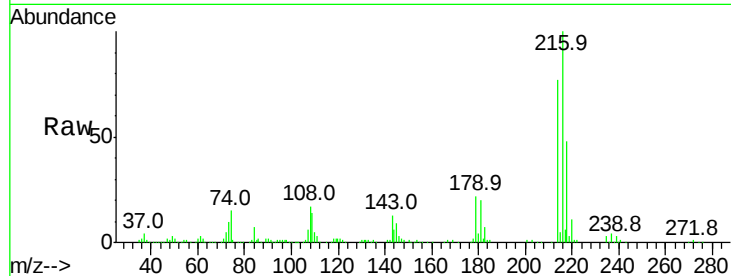




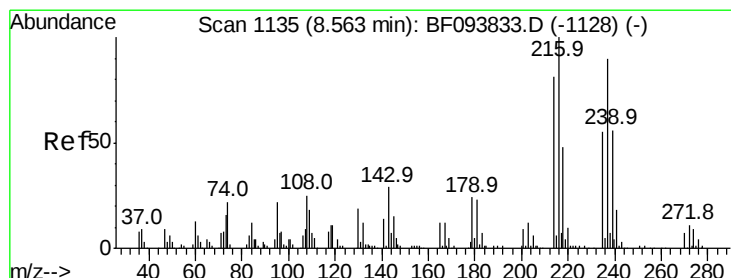
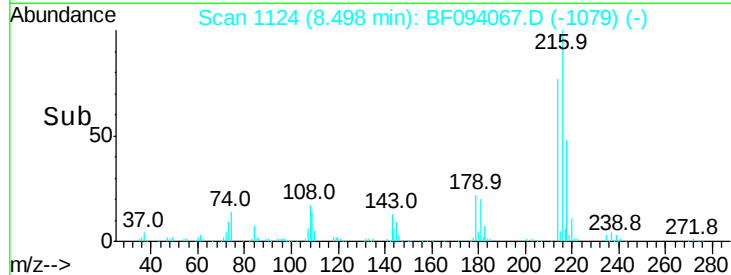
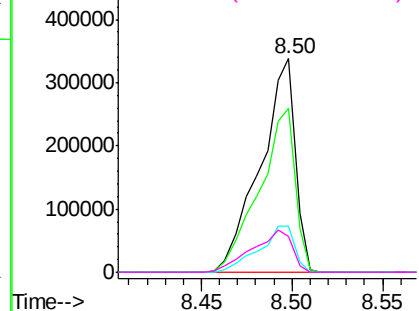
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.57 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion:	216	Resp:	453808
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	22.2	17.9	26.9
108	22.8	16.5	24.7

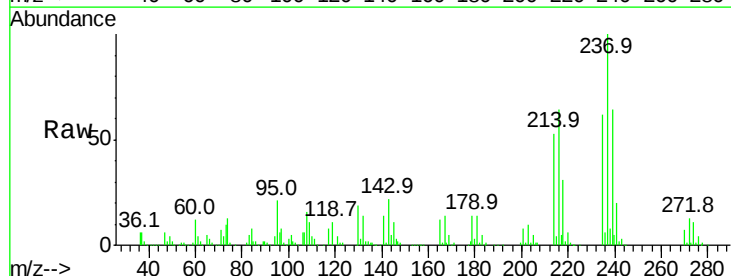


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

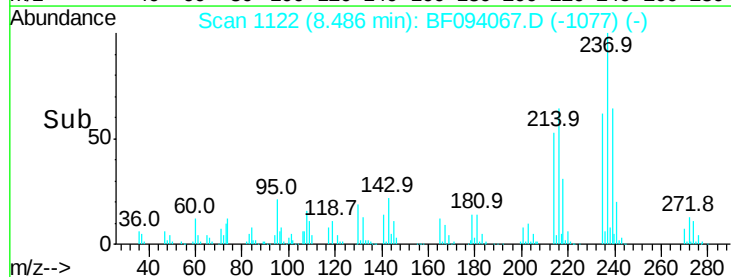
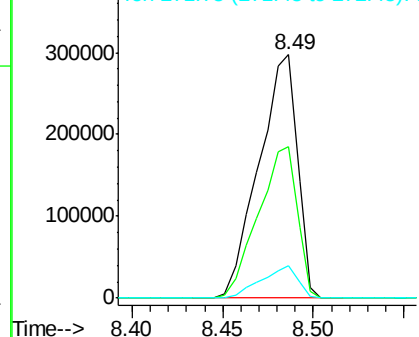


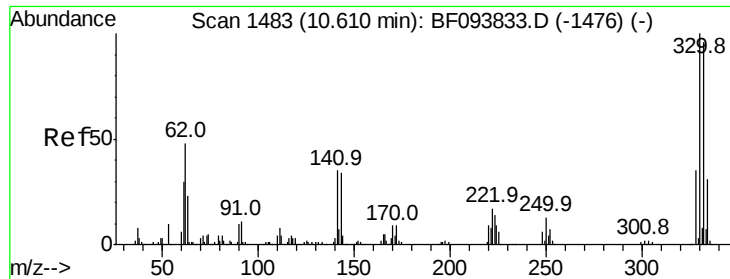
#40
 Hexachlorocyclopentadiene
 Concen: 90.10 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:	237	Resp:	439171
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.6	82.6
272	13.3	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

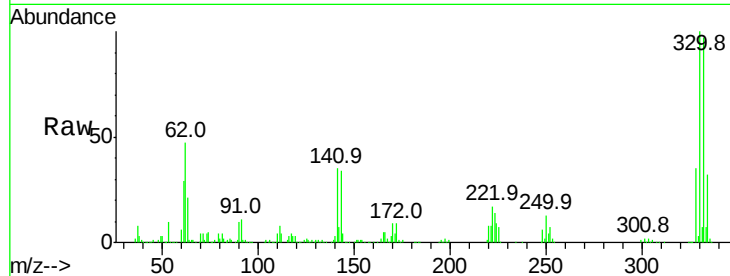




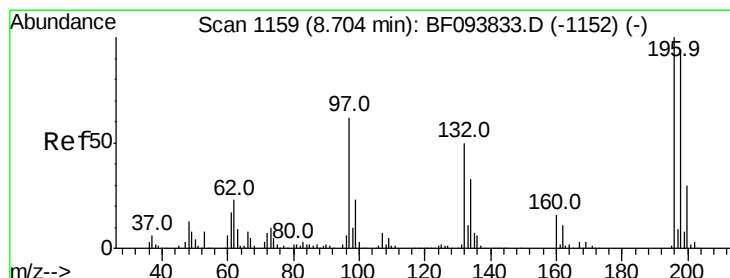
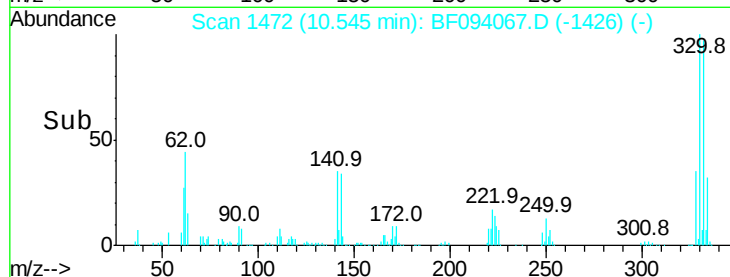
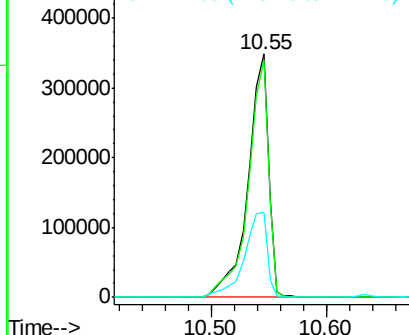
#41
 2,4,6-Tribromophenol
 Concen: 143.37 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.9	31.4	47.2

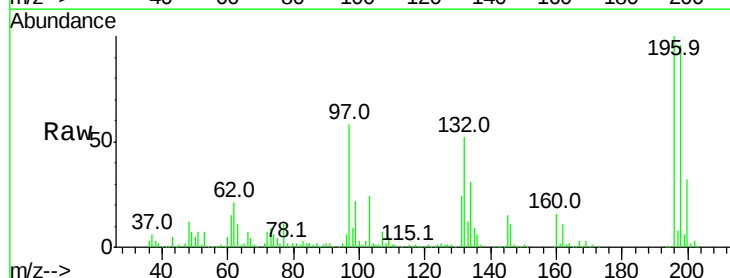


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

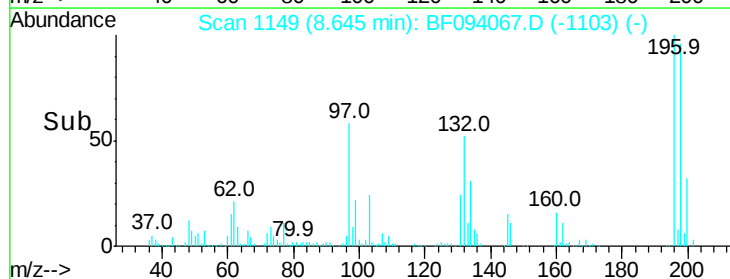
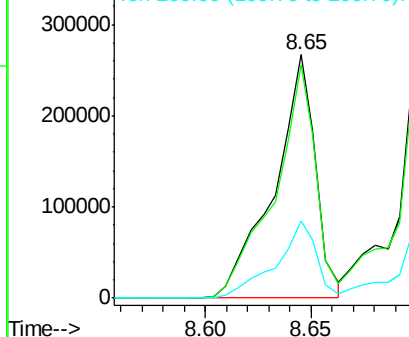


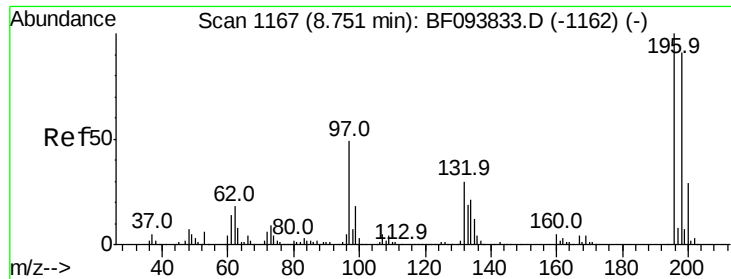
#42
 2,4,6-Trichlorophenol
 Concen: 49.53 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
200	31.8	24.0	36.0



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

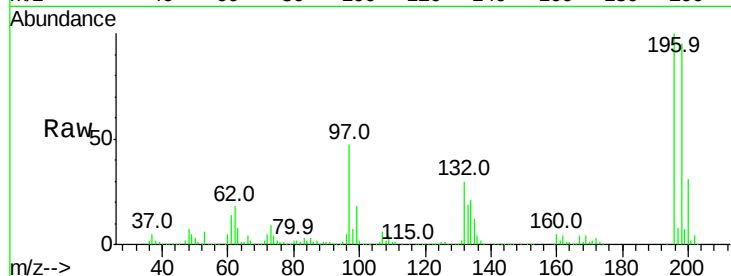




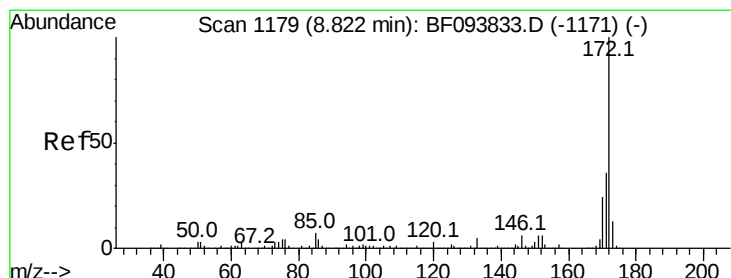
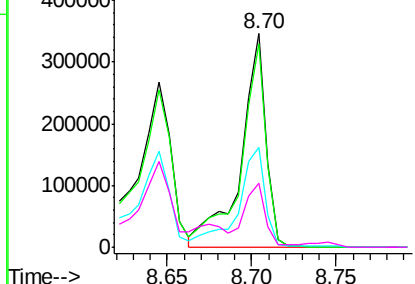
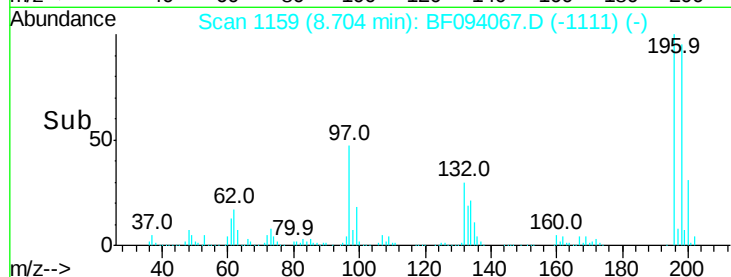
#43
 2,4,5-Trichlorophenol
 Concen: 45.05 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion:196 Resp: 359209
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 46.9 47.7 71.5#
 132 30.2 28.0 42.0

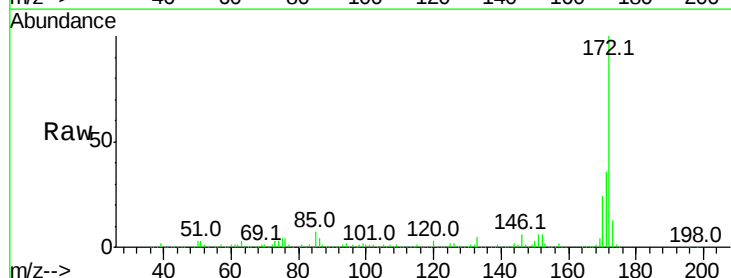


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

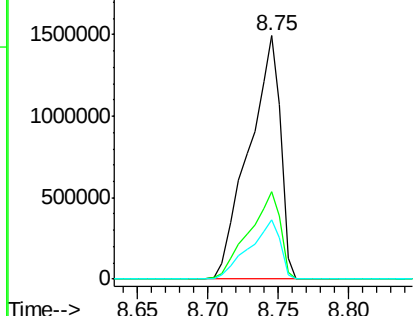
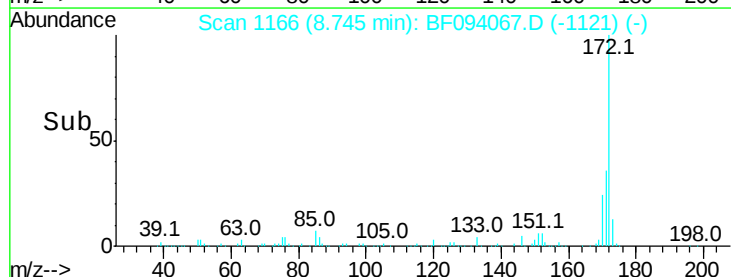


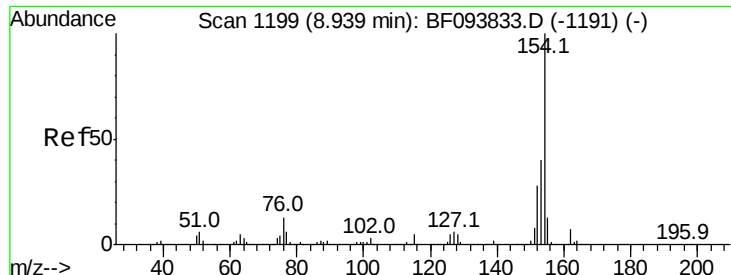
#44
 2-Fluorobiphenyl
 Concen: 94.16 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:172 Resp: 2350563
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 45.72 ng

RT: 8.86 min Scan# 1186

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

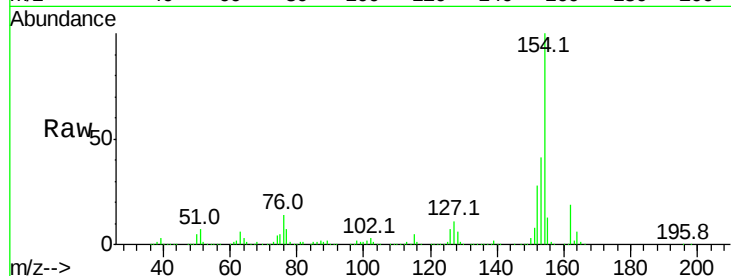
Tot Ion:154 Resp: 1404277

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

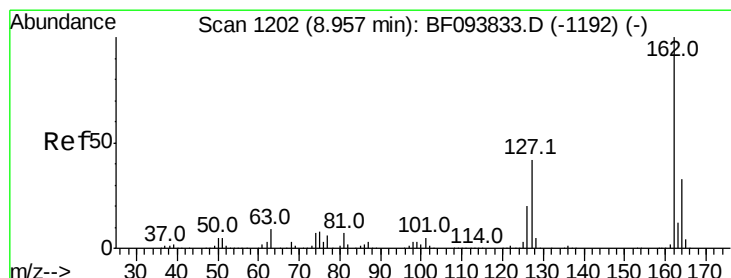
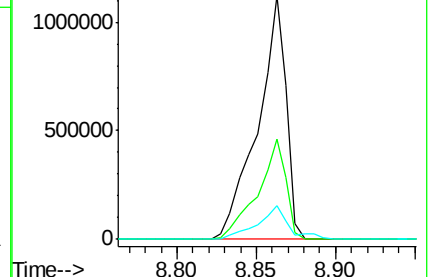
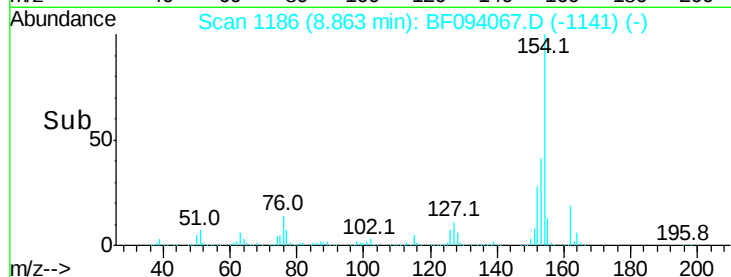
76 13.7 0.0 29.9



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: 44.83 ng

RT: 8.89 min Scan# 1190

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

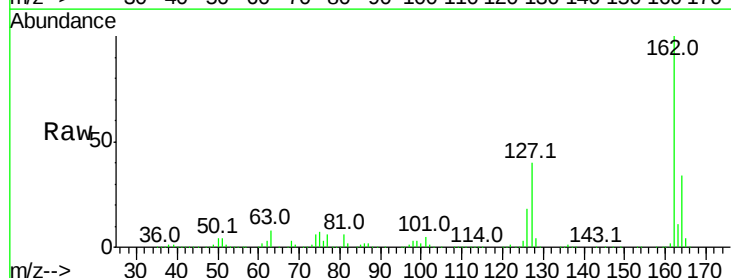
Tgt Ion:162 Resp: 1077899

Ion Ratio Lower Upper

162 100

127 40.0 28.3 42.5

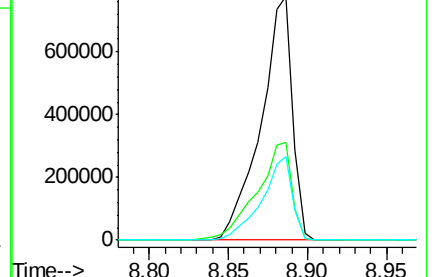
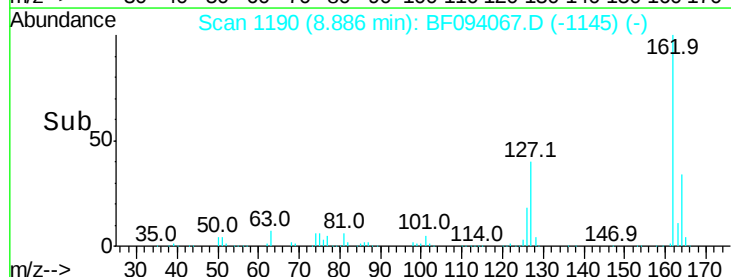
164 34.1 27.0 40.4

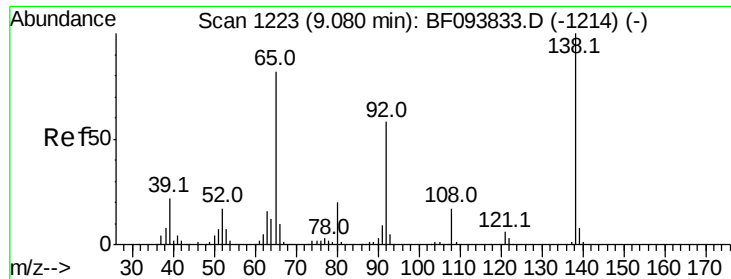


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

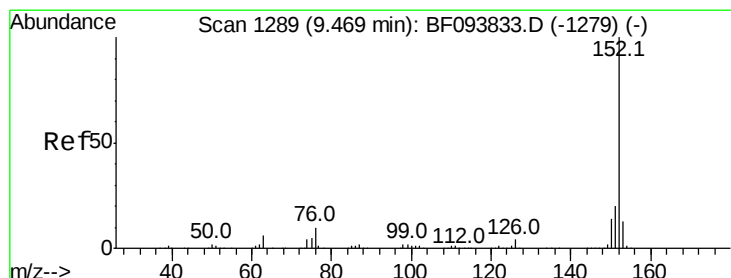
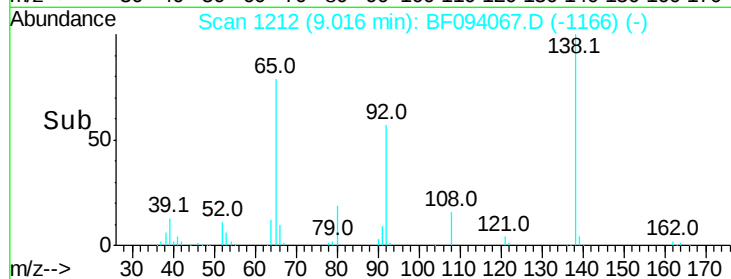
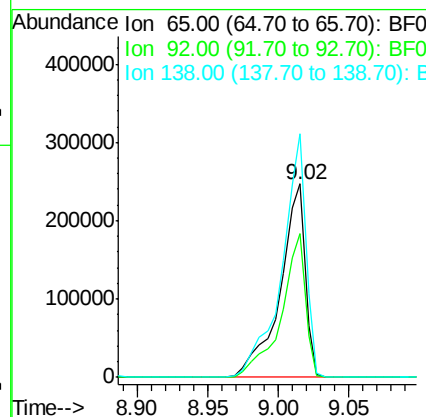
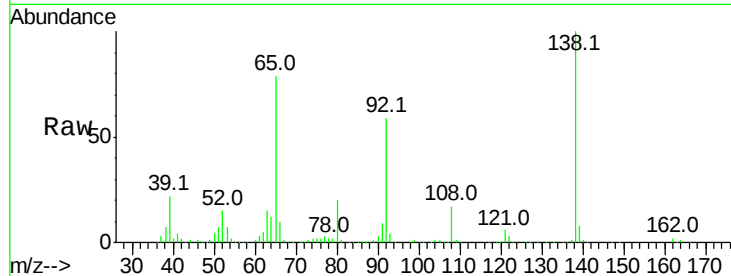




#47
 2-Nitroaniline
 Concen: 43.48 ng
 RT: 9.02 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

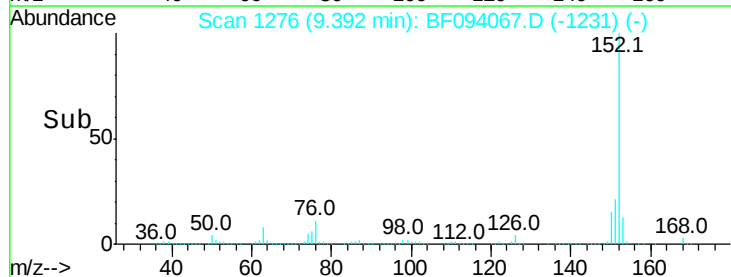
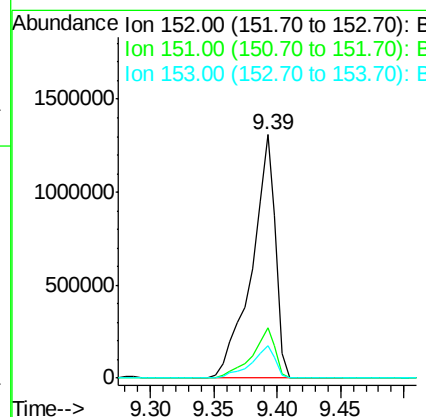
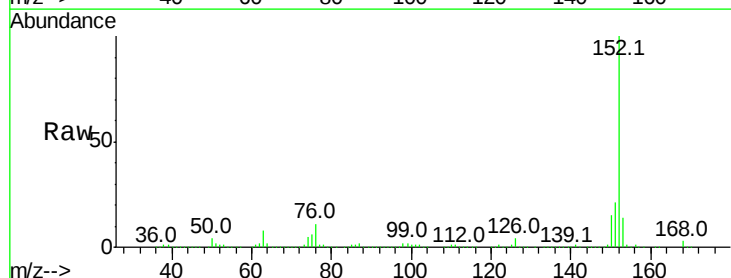
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

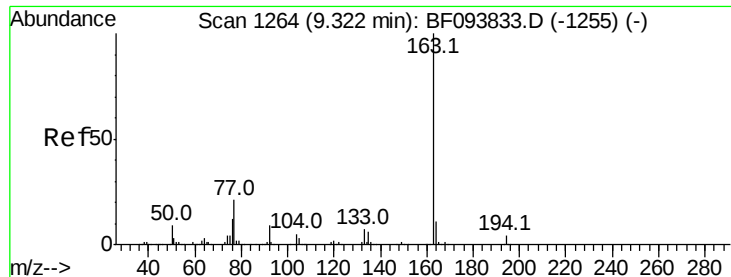
Tot Ion: 65 Resp: 310127
 Ion Ratio Lower Upper
 65 100
 92 74.1 53.9 80.9
 138 125.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.70 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:152 Resp: 1706315
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.6 10.8 16.2



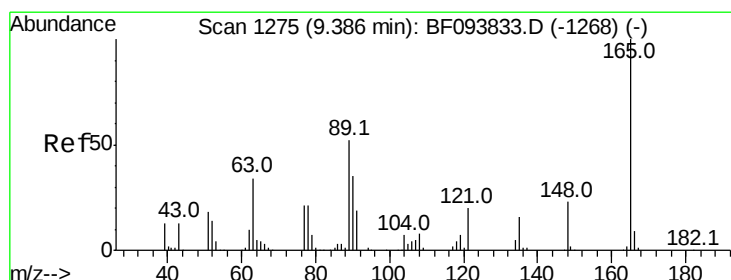
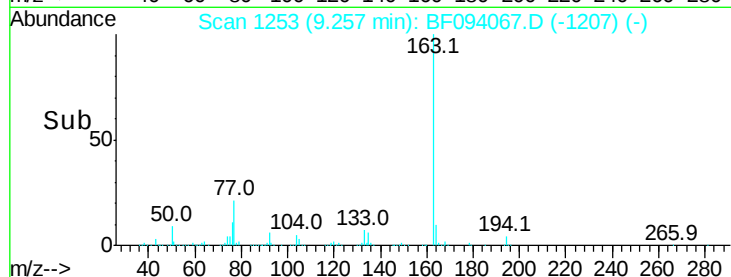
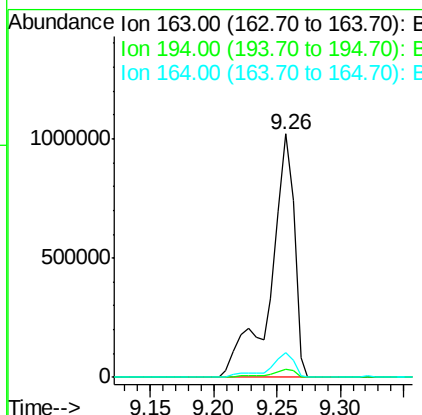
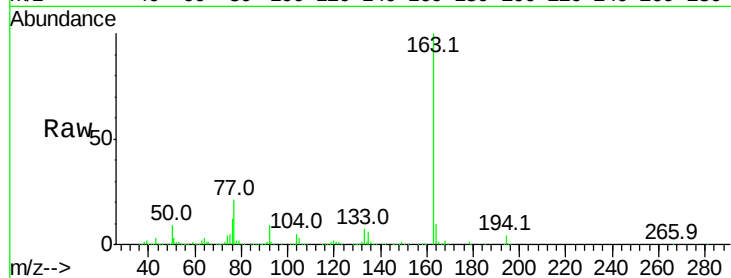


#49
 Dimethylphthalate
 Concen: 48.65 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion:163 Resp: 1316848

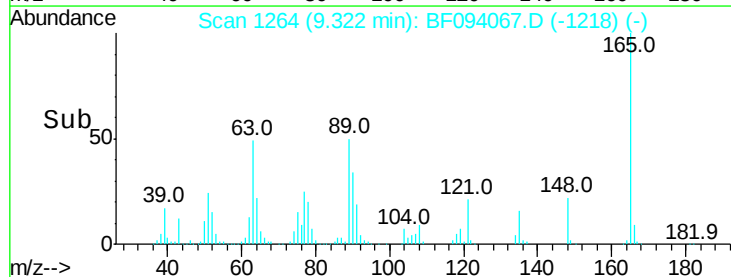
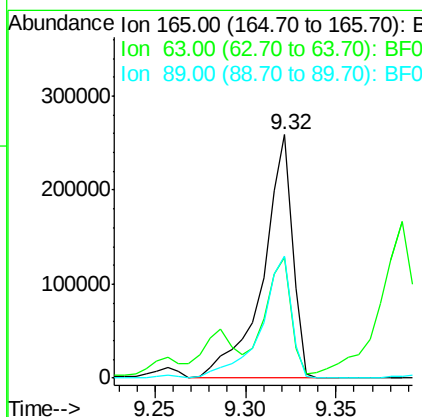
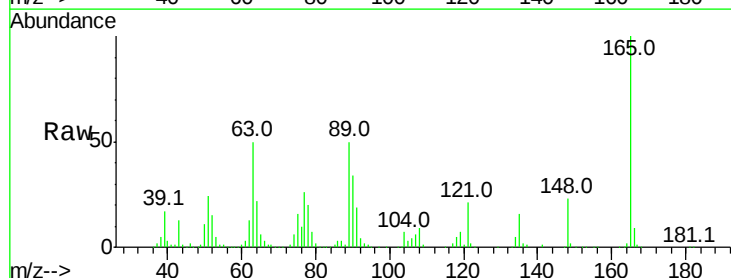
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6

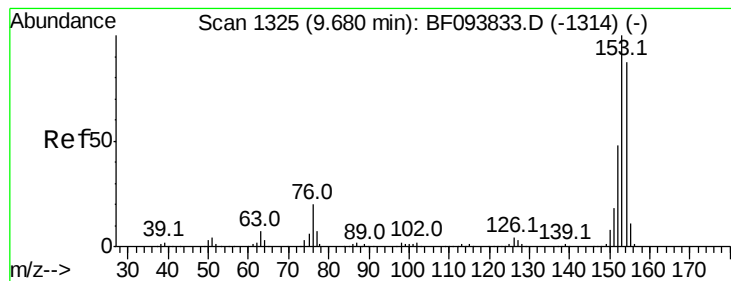


#50
 2,6-Dinitrotoluene
 Concen: 47.44 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:165 Resp: 294330

Ion	Ratio	Lower	Upper
165	100		
63	49.7	34.3	51.5
89	50.1	37.1	55.7





#51

Acenaphthene

Concen: 45.03 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

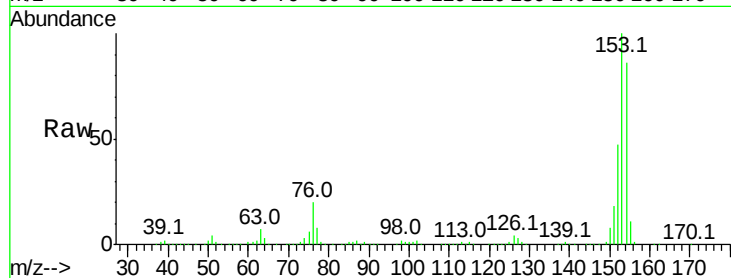
Tot Ion:154 Resp: 1049918

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

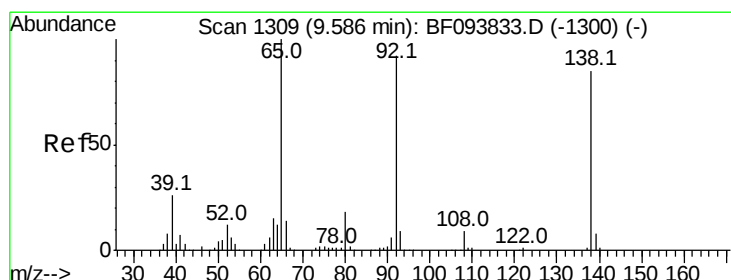
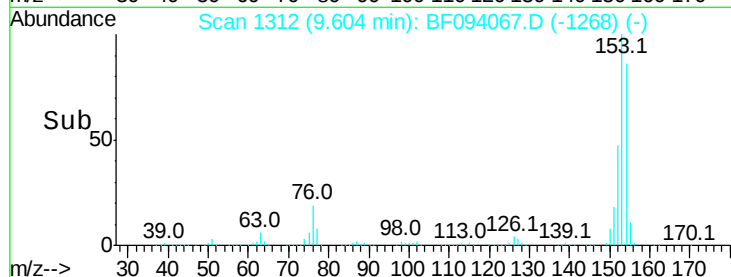
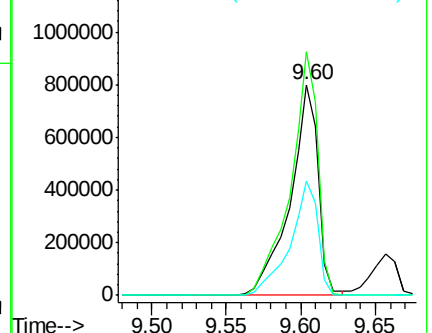
152 54.5 43.6 65.4



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: 5.21 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

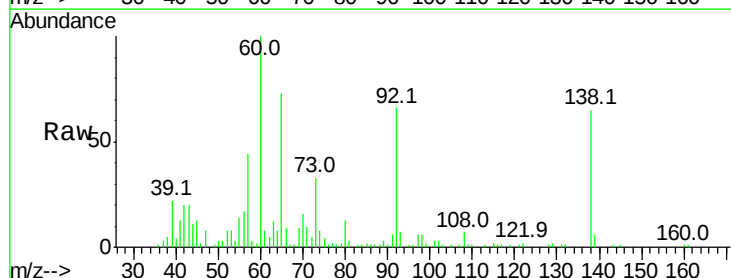
Tgt Ion:138 Resp: 37958

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

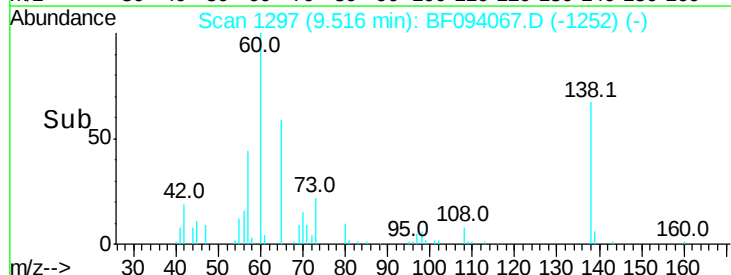
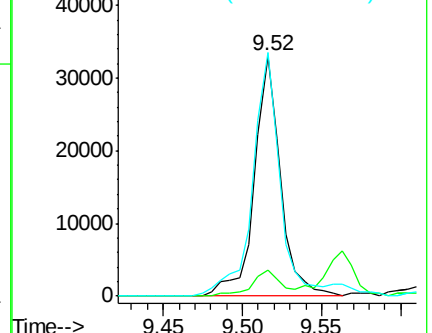
92 101.5 93.8 140.6

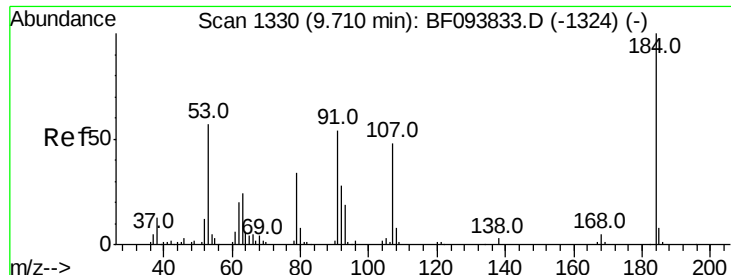


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

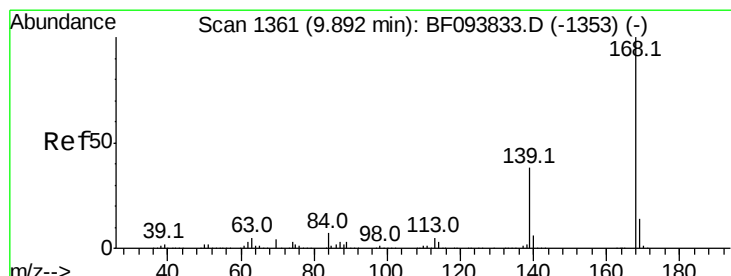
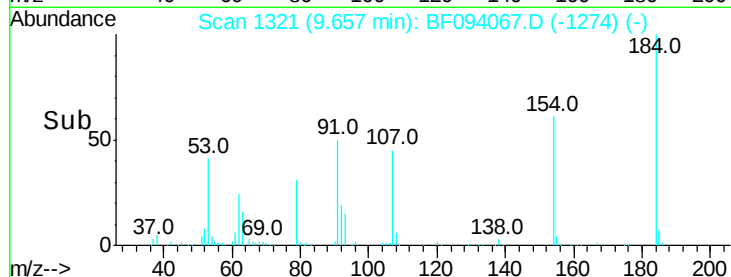
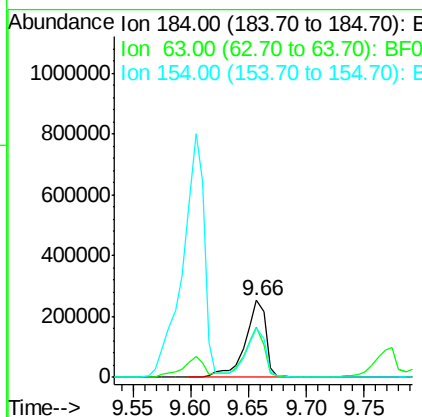
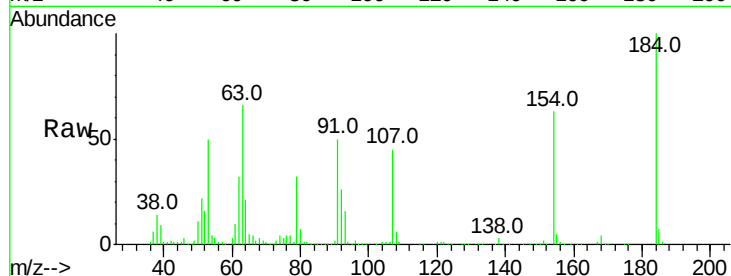




#53
 2,4-Dinitrophenol
 Concen: 95.03 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

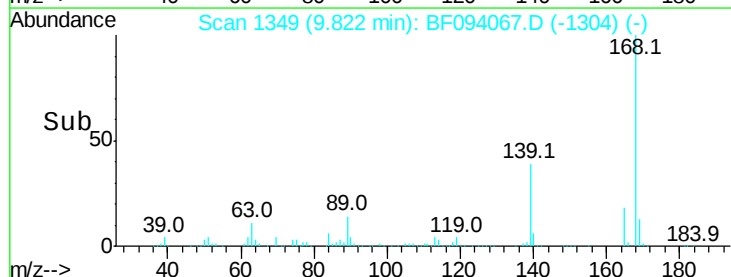
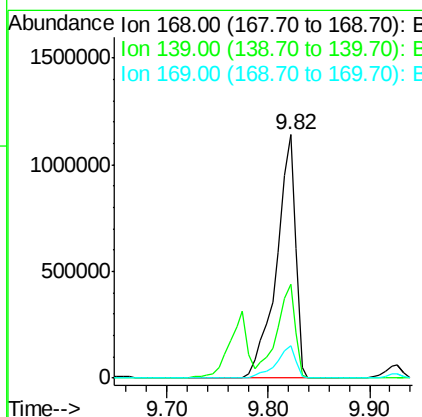
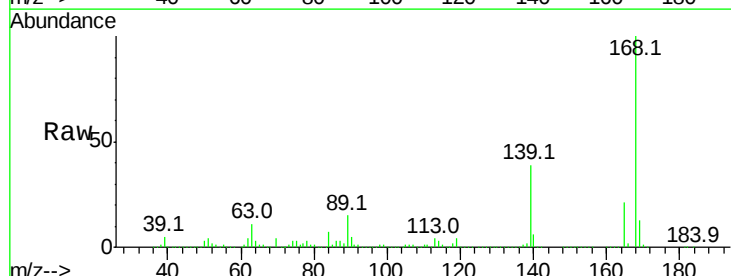
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

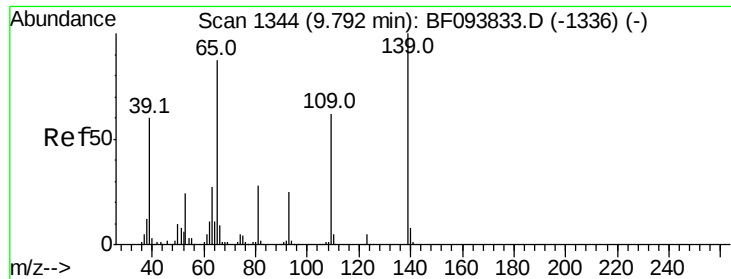
Tot Ion:184 Resp: 318619
 Ion Ratio Lower Upper
 184 100
 63 66.2 62.7 94.1
 154 63.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 47.23 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:168 Resp: 1498894
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.6 45.8
 169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 68.32 ng

RT: 9.77 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

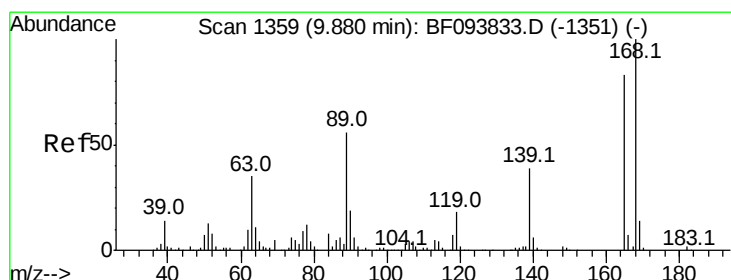
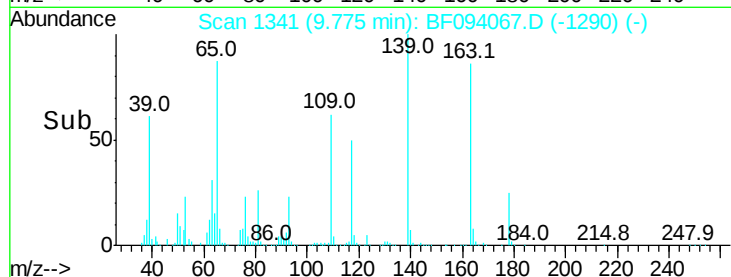
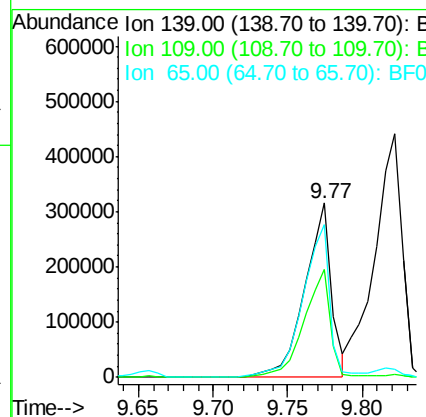
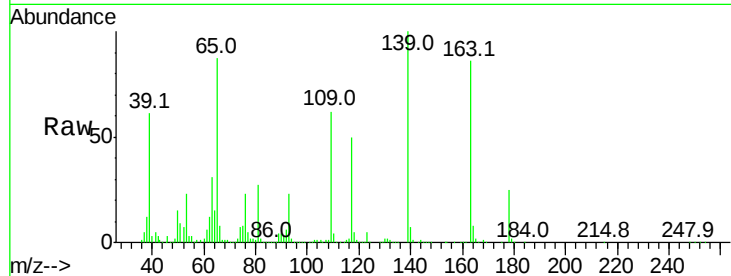
Tot Ion:139 Resp: 389825

Ion Ratio Lower Upper

139 100

109 62.2 34.1 74.1

65 87.4 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 45.32 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.03 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Tgt Ion:165 Resp: 353205

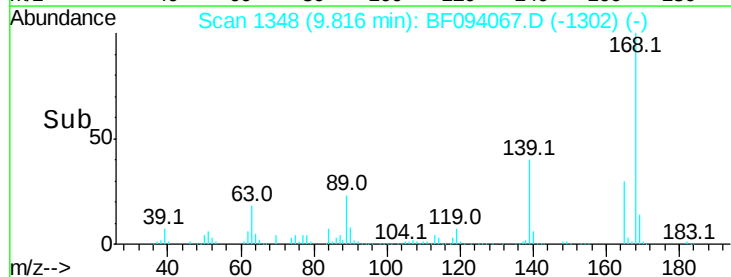
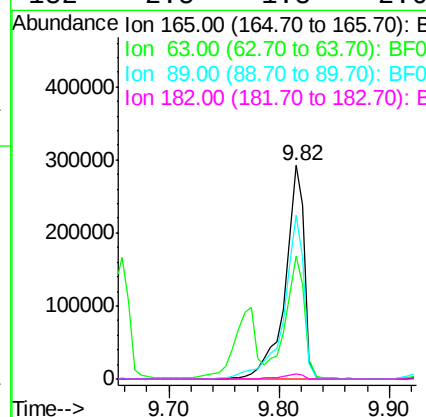
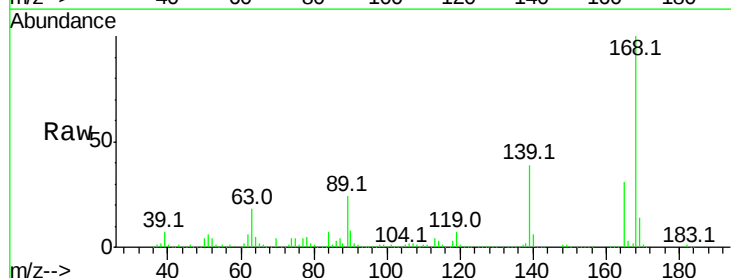
Ion Ratio Lower Upper

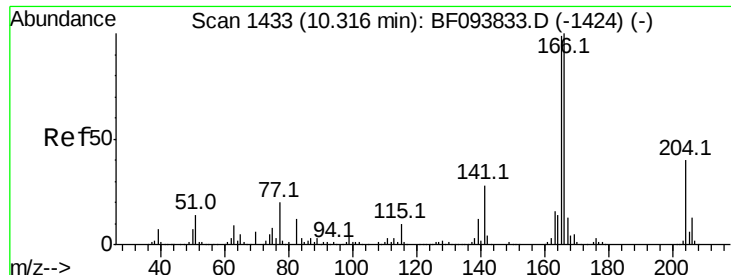
165 100

63 57.7 25.4 38.0#

89 76.5 46.4 69.6#

182 2.5 1.8 2.6

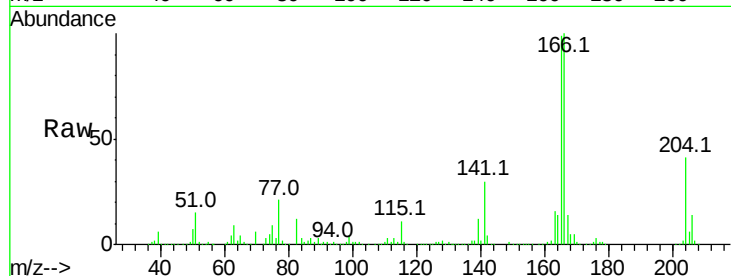




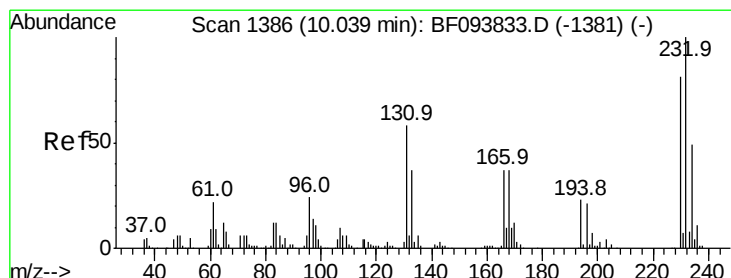
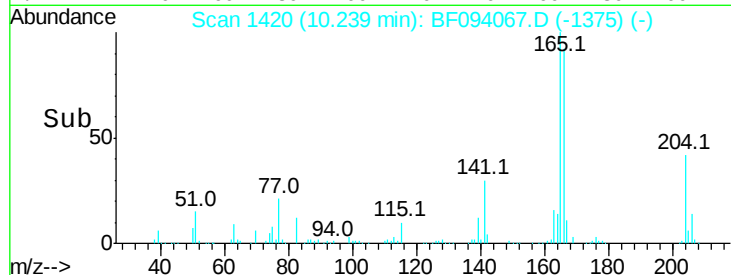
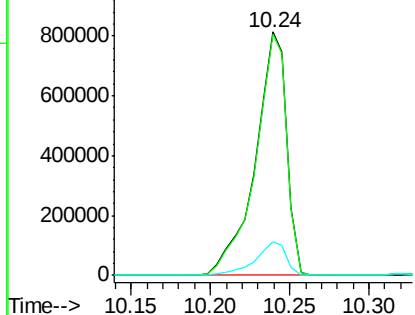
#57
Fluorene
 Concen: 42.72 ng
 RT: 10.24 min Scan# 1420
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion:166 Resp: 1124414
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.7 10.6 16.0



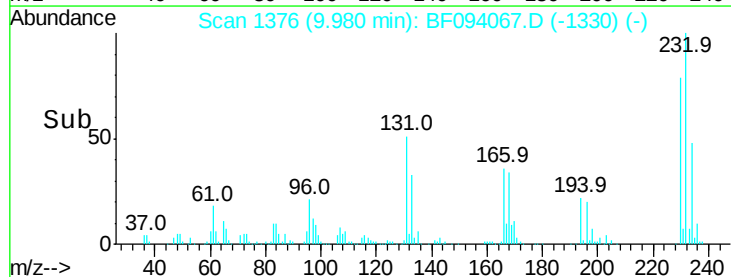
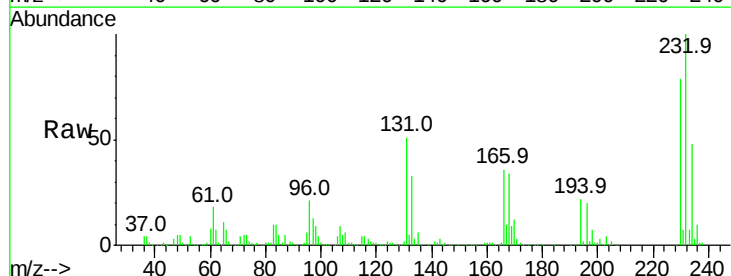
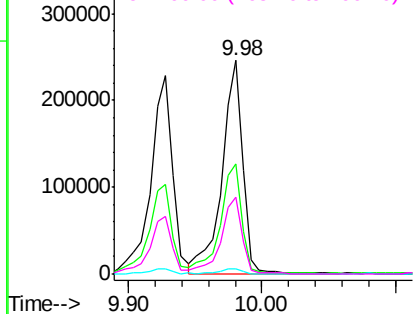
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

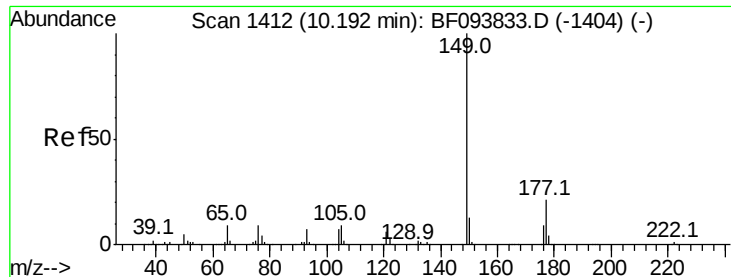


#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.41 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:232 Resp: 270371
 Ion Ratio Lower Upper
 232 100
 131 53.5 44.8 67.2
 130 2.7 2.3 3.5
 166 35.9 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

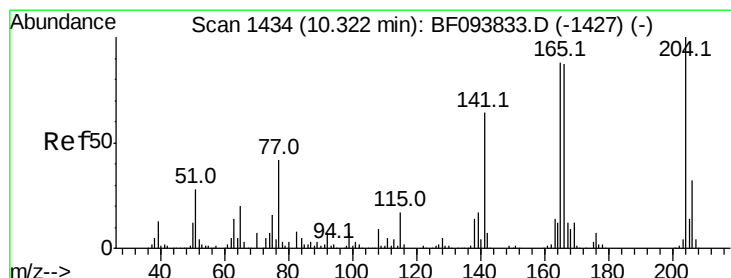
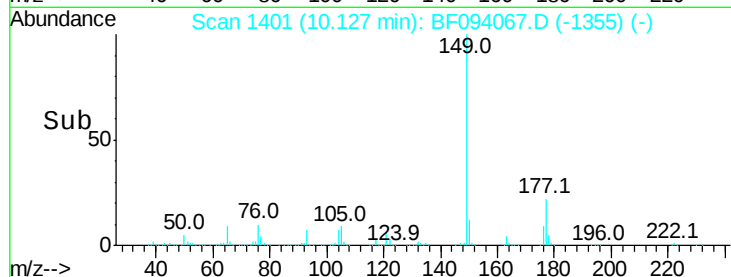
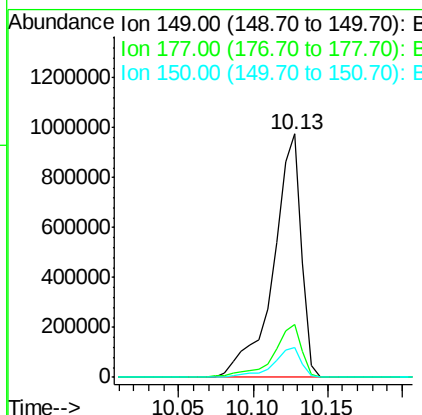
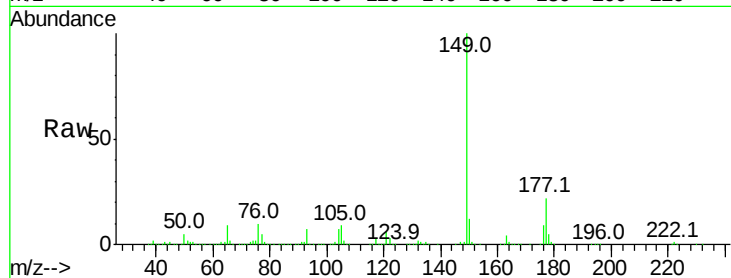




#59
Diethylphthalate
Concen: 47.95 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

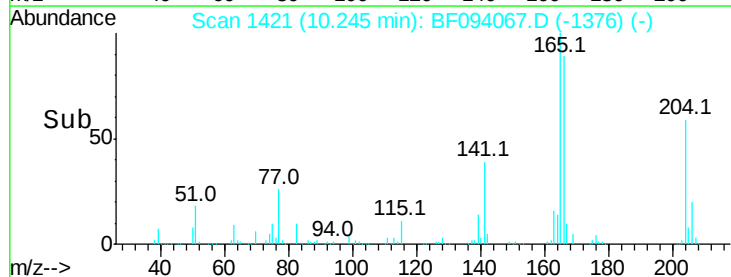
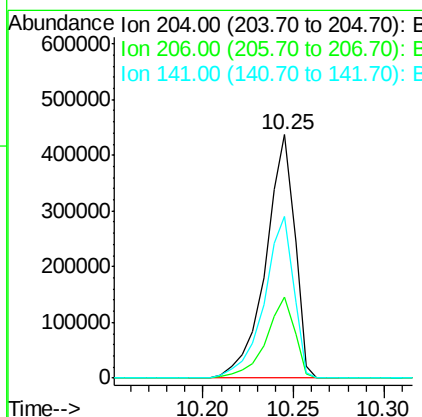
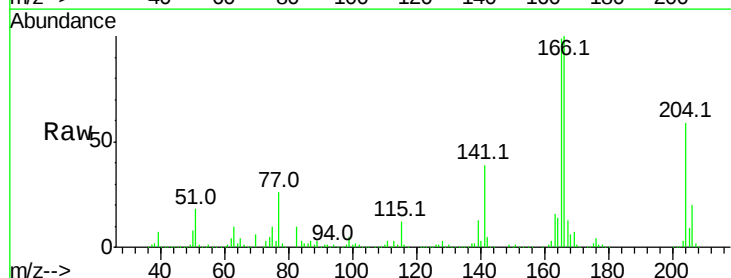
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

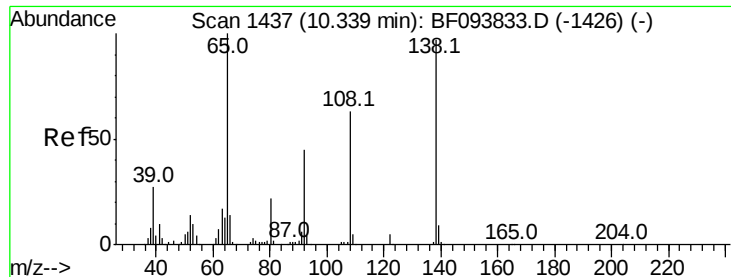
Tot Ion:149 Resp: 1282650
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.29 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Tgt Ion:204 Resp: 485425
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 66.7 60.8 91.2





#61

4-Nitroaniline

Concen: 22.25 ng

RT: 10.27 min Scan# 1426

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

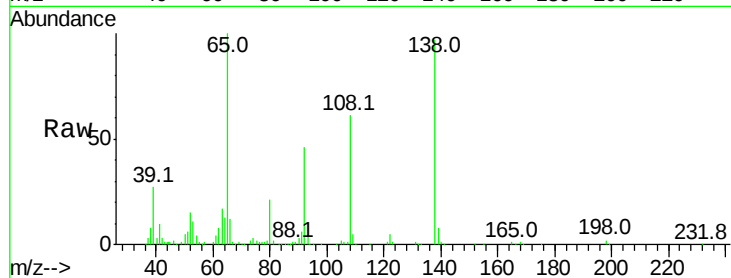
Tot Ion:138 Resp: 155553

Ion Ratio Lower Upper

138 100

92 46.8 21.8 61.8

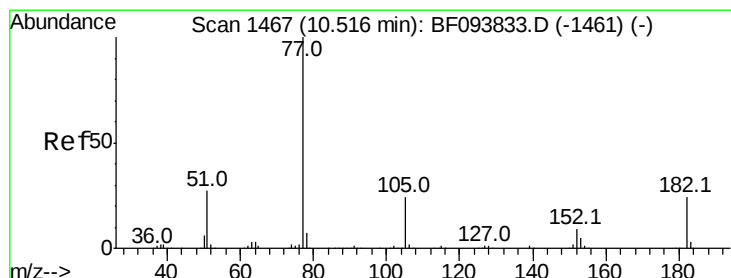
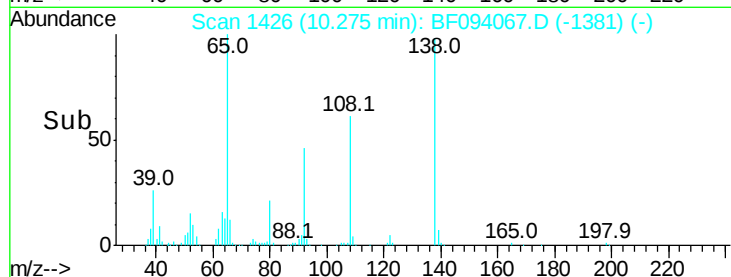
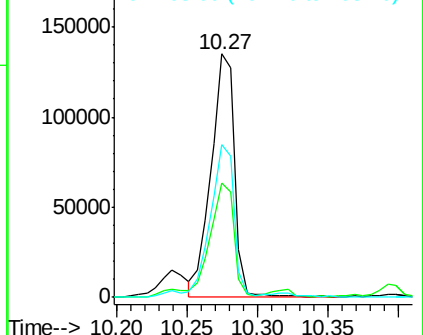
108 62.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.33 ng

RT: 10.44 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Tgt Ion: 77 Resp: 1172449

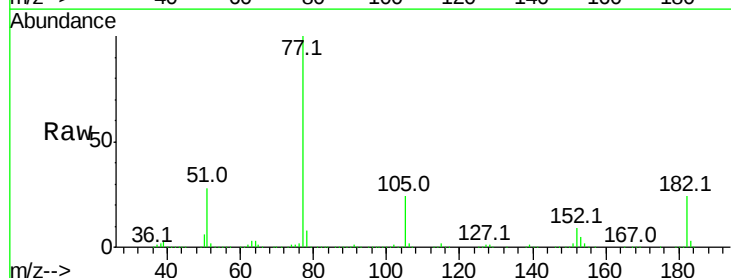
Ion Ratio Lower Upper

77 100

182 24.1 0.1 40.1

105 24.0 3.6 43.6

51 27.9 9.4 49.4

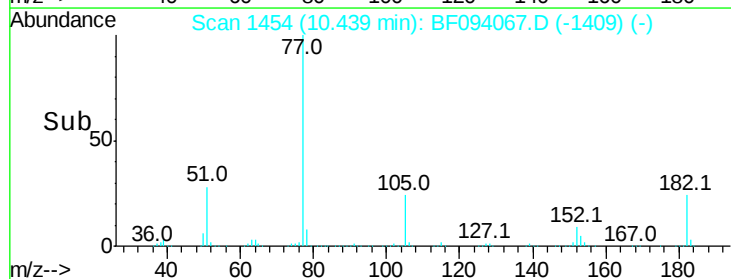
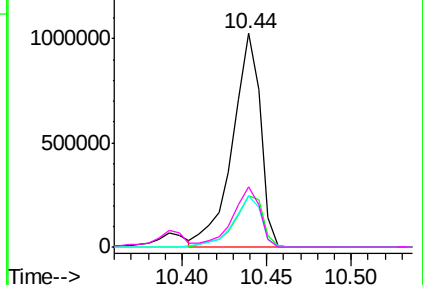


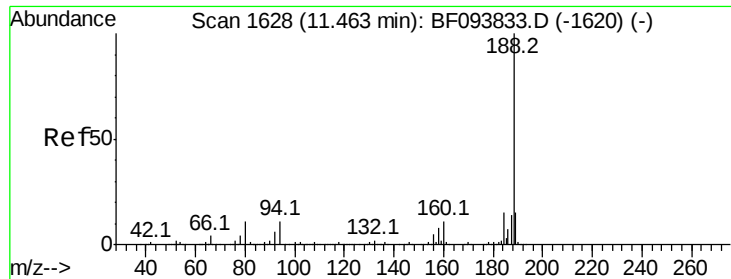
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

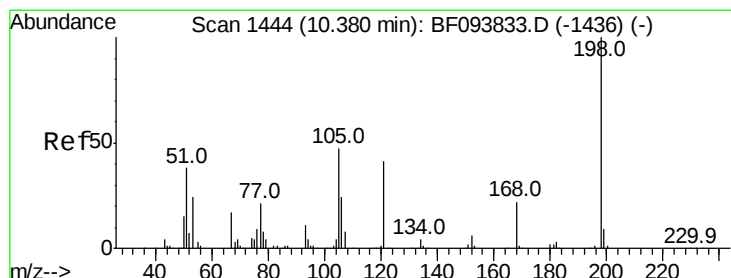
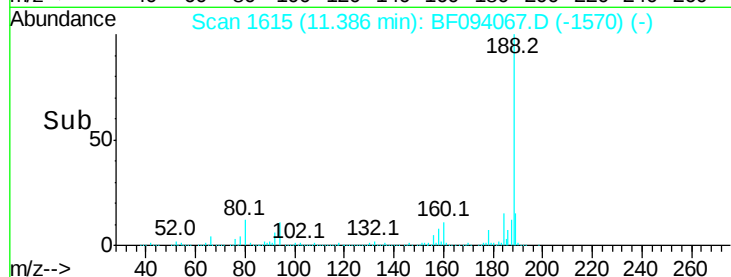
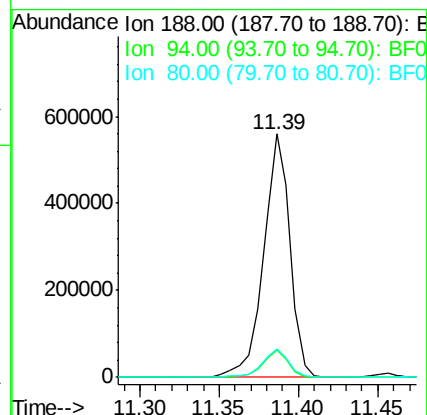
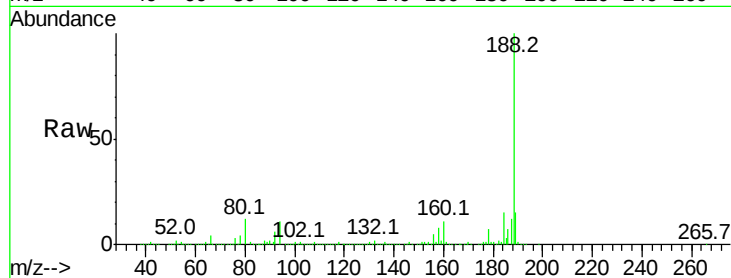




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

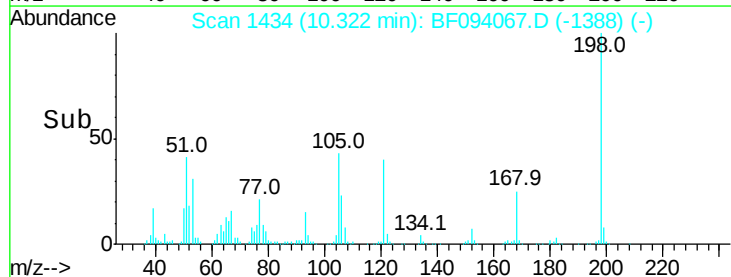
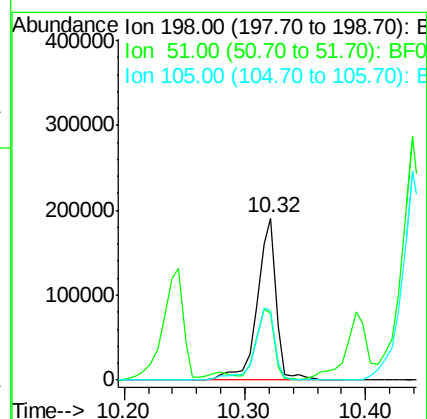
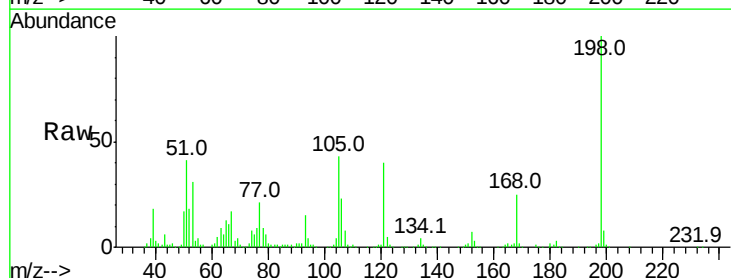
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

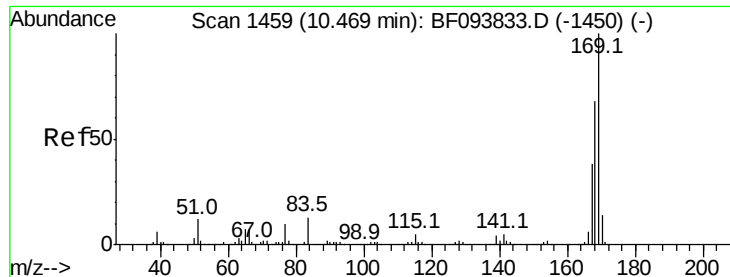
Tot Ion:188 Resp: 647100
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 53.07 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Tgt Ion:198 Resp: 210319
Ion Ratio Lower Upper
198 100
51 41.0 53.2 93.2#
105 43.2 45.8 85.8#

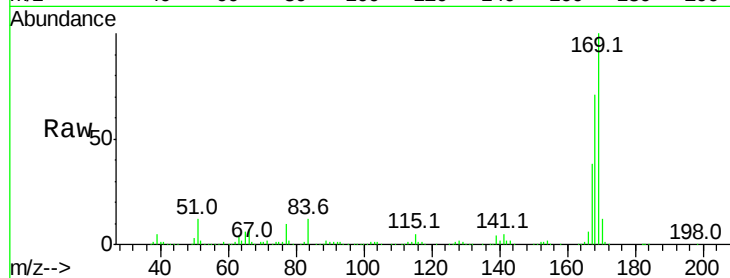




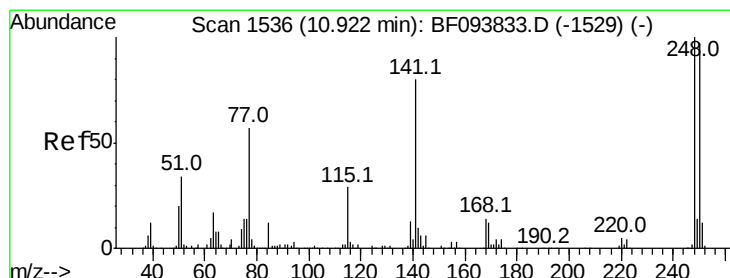
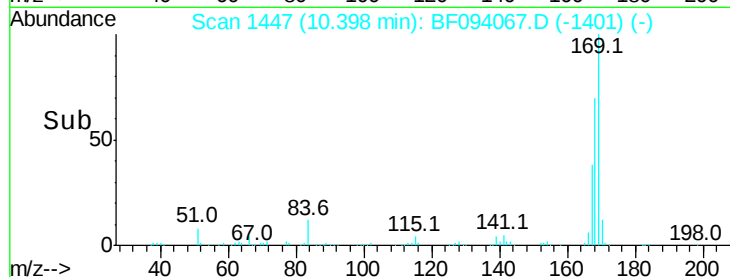
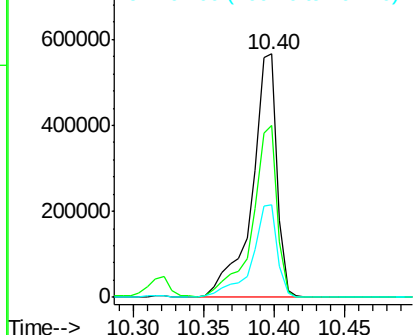
#65
 n-Nitrosodiphenylamine
 Concen: 31.63 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion:169 Resp: 707752
 Ion Ratio Lower Upper
 169 100
 168 70.5 53.2 79.8
 167 38.2 29.5 44.3

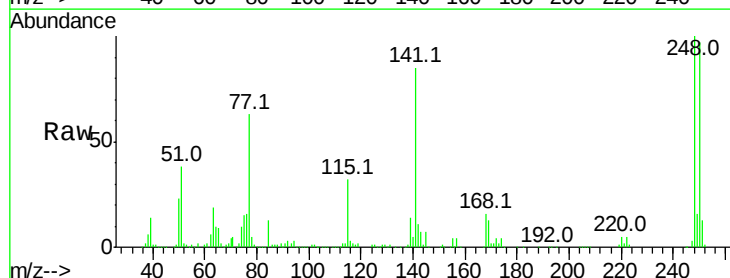


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

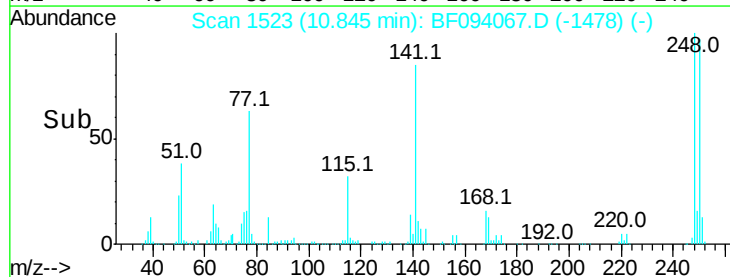
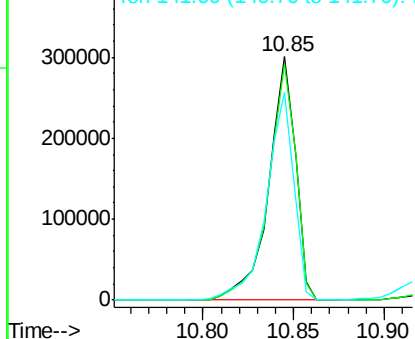


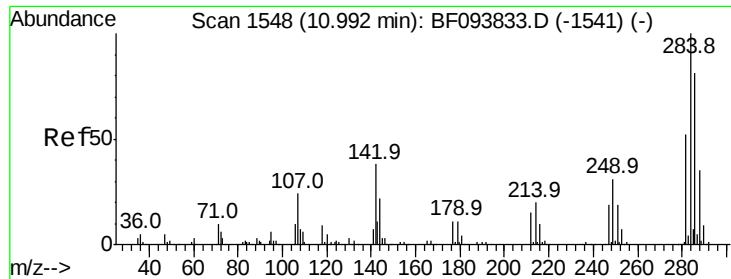
#66
 4-Bromophenyl-phenylether
 Concen: 48.56 ng
 RT: 10.85 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:248 Resp: 309060
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.8 115.2
 141 85.5 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: 48.53 ng

RT: 10.92 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

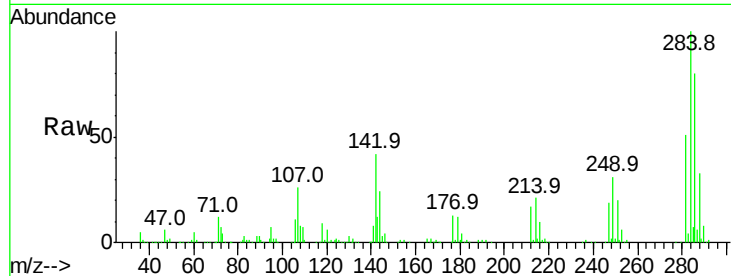
Tot Ion:284 Resp: 312626

Ion Ratio Lower Upper

284 100

142 42.2 22.8 34.2#

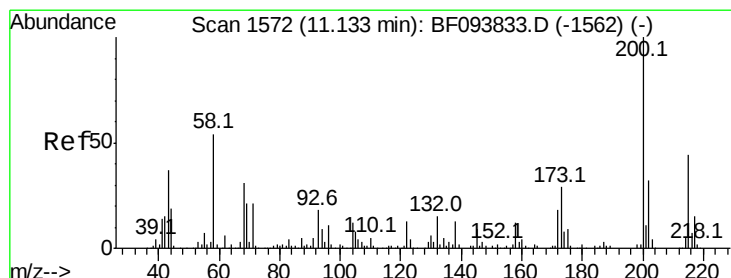
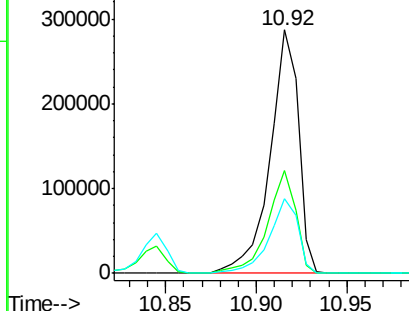
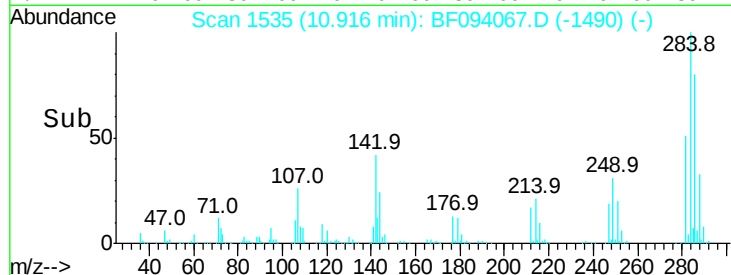
249 30.8 24.0 36.0



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: 14.64 ng

RT: 11.06 min Scan# 1560

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

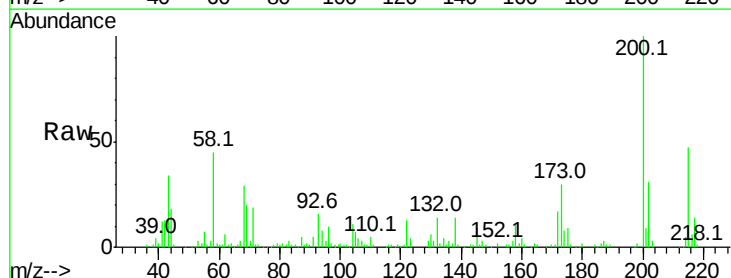
Tgt Ion:200 Resp: 98096

Ion Ratio Lower Upper

200 100

173 30.1 6.3 46.3

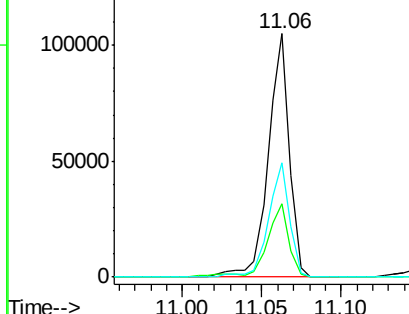
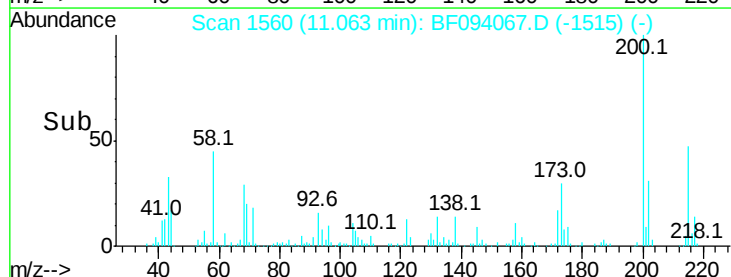
215 46.9 27.2 67.2

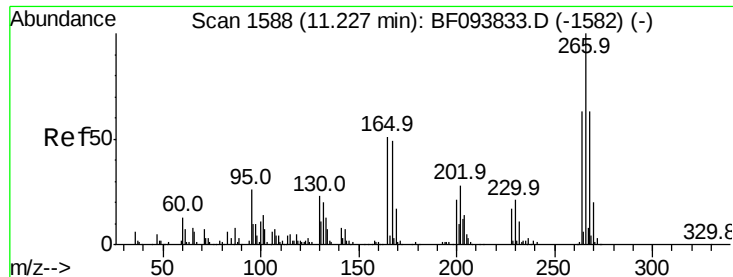


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

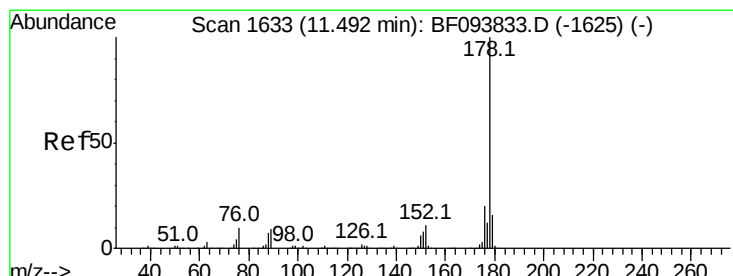
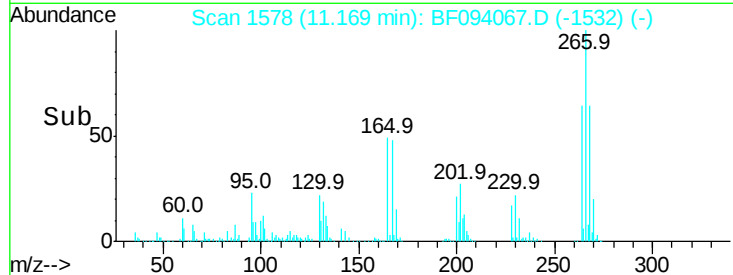
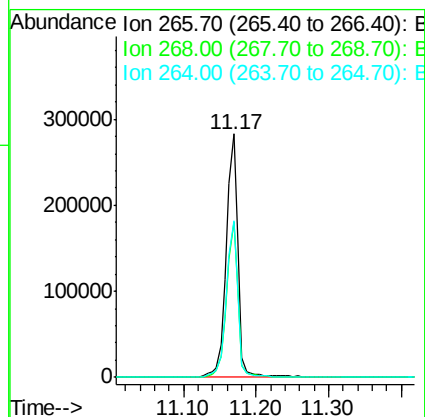
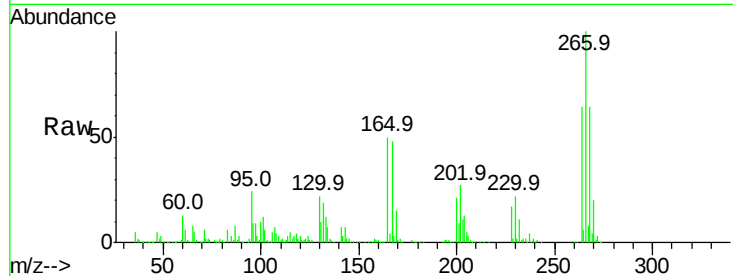




#69
 Pentachlorophenol
 Concen: 79.92 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

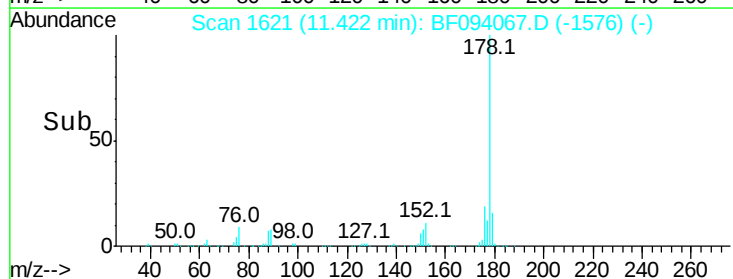
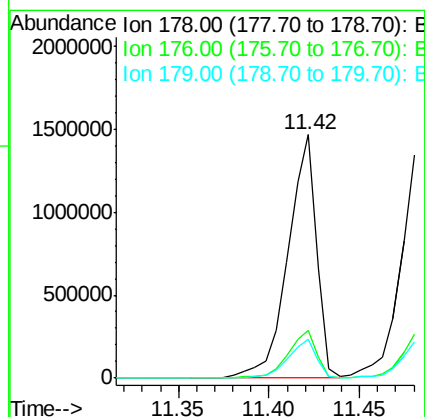
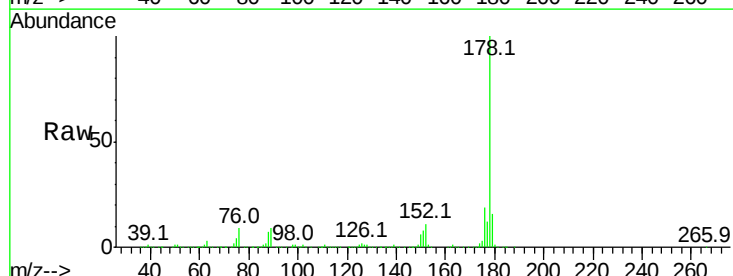
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

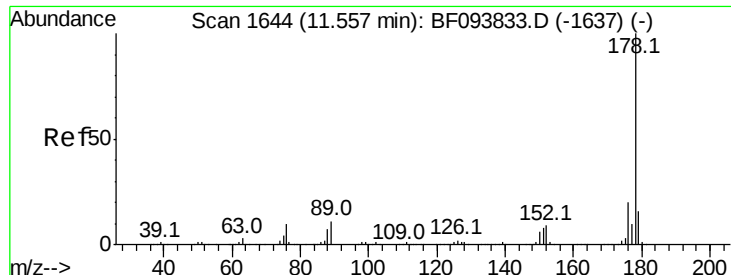
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	64.3	51.7	77.5



#70
 Phenanthrene
 Concen: 44.92 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0





#71

Anthracene

Concen: 44.88 ng

RT: 11.49 min Scan# 1632

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

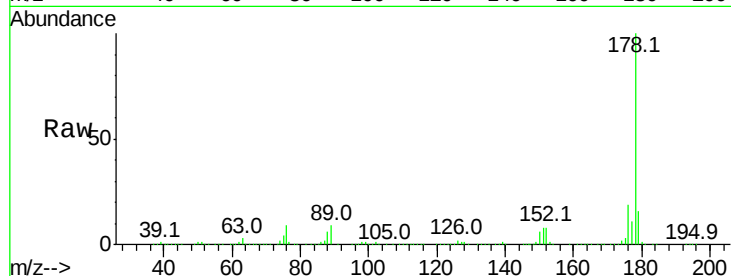
Tot Ion:178 Resp: 1663566

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

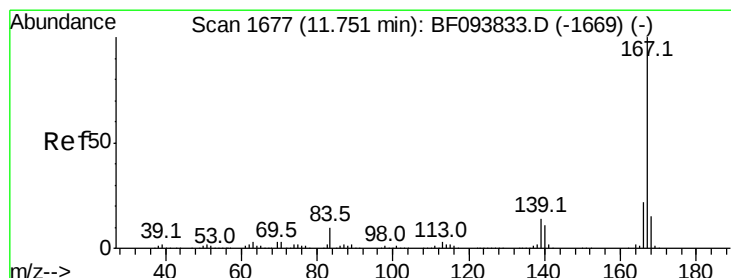
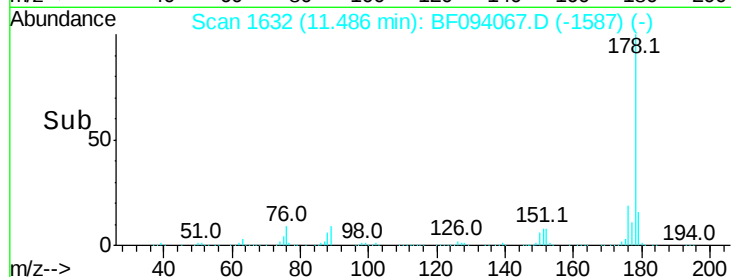
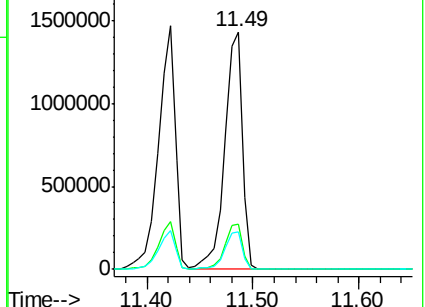
179 15.6 12.7 19.1



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: 24.45 ng

RT: 11.68 min Scan# 1665

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

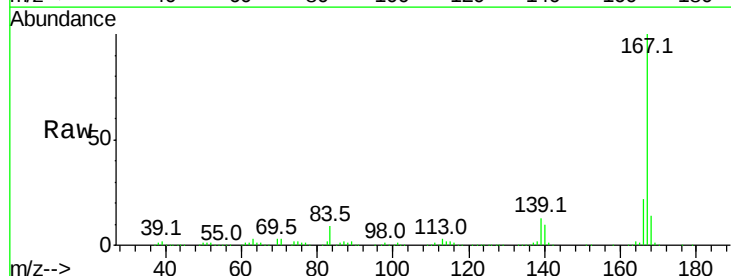
Tgt Ion:167 Resp: 929291

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

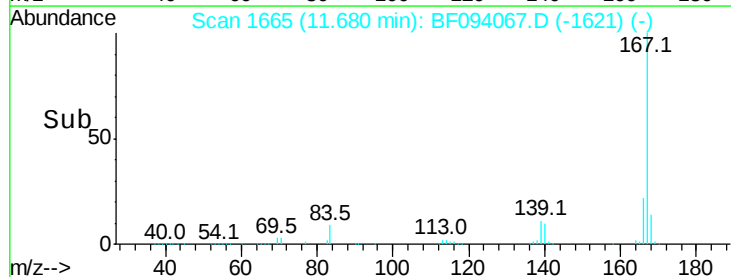
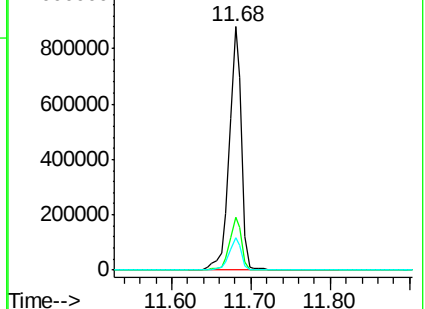
139 13.2 11.7 17.5

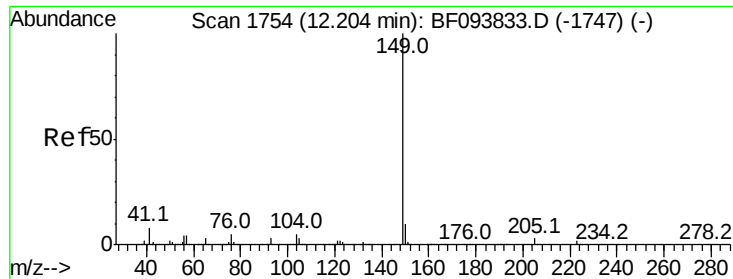


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

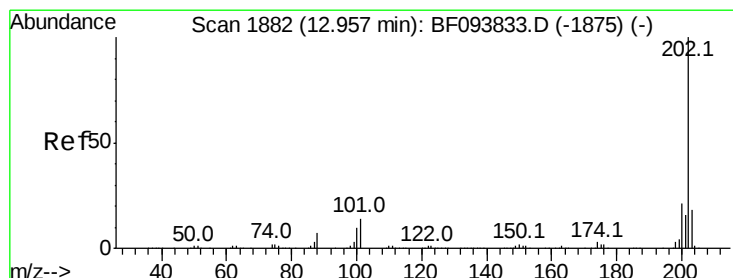
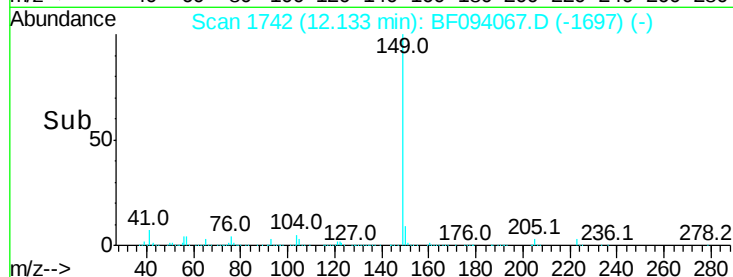
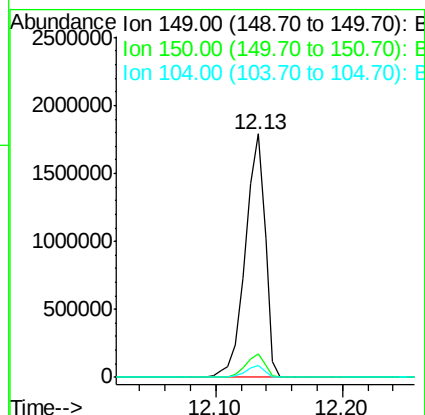
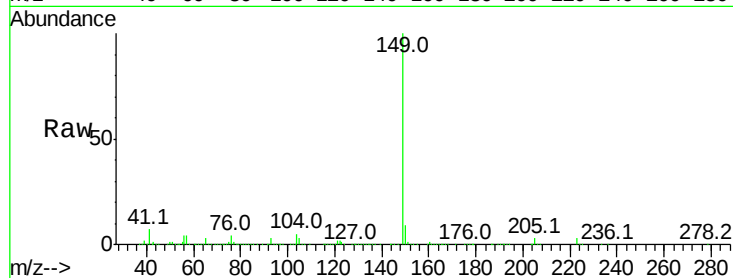




#73
Di-n-butylphthalate
Concen: 48.81 ng
RT: 12.13 min Scan# 1742
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

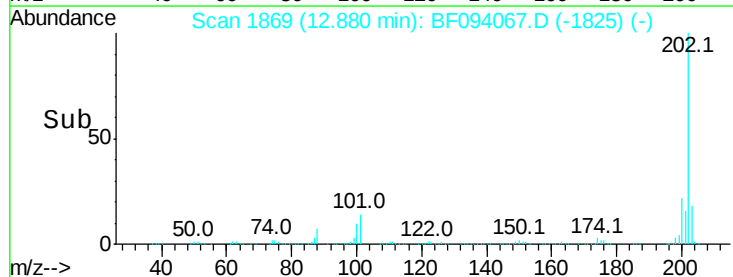
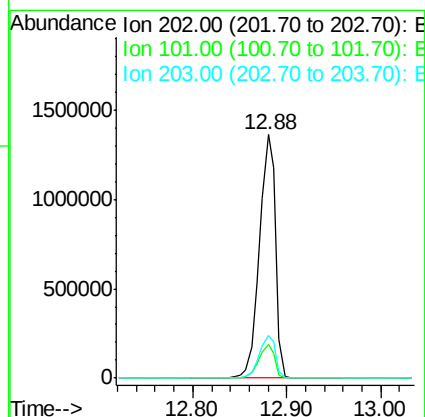
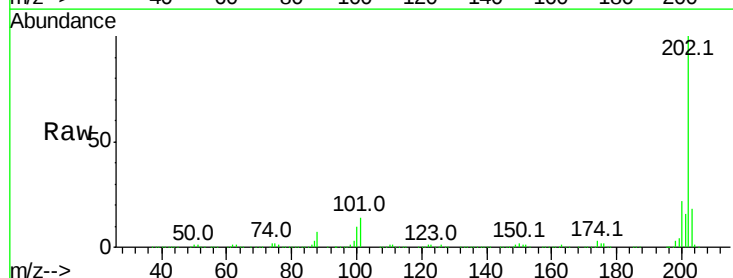
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

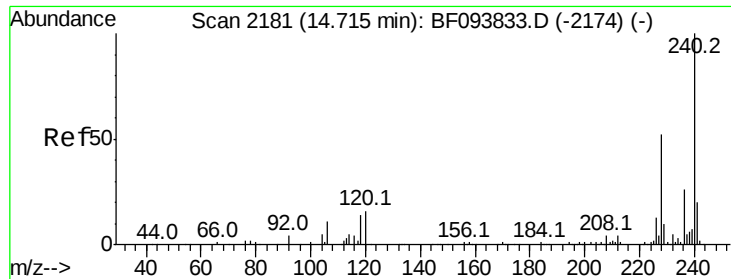
Tot Ion:149 Resp: 1929265
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.7 4.0 6.0



#74
Fluoranthene
Concen: 43.96 ng
RT: 12.88 min Scan# 1869
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Tgt Ion:202 Resp: 1620363
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

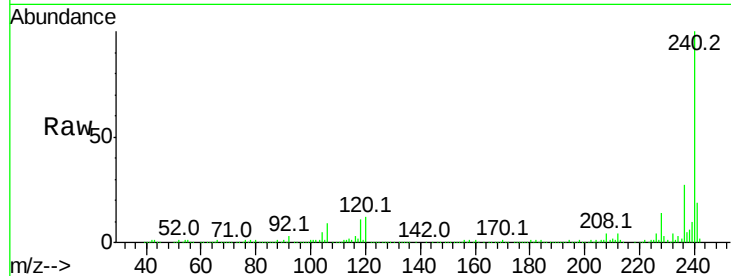
Tot Ion:240 Resp: 458722

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

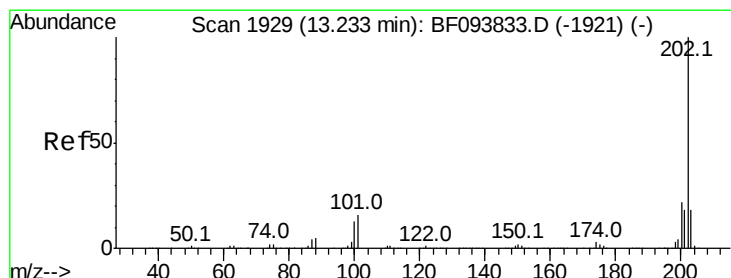
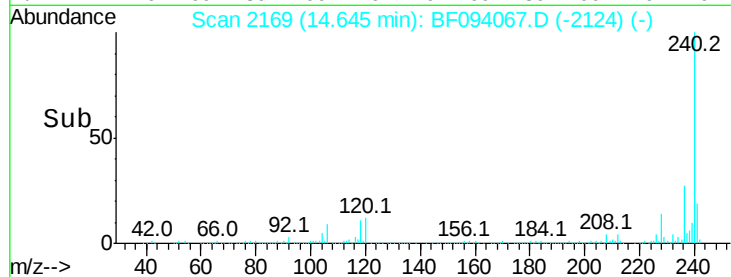
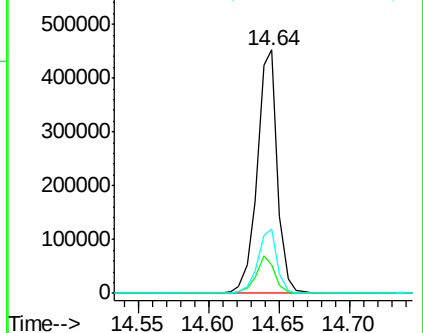
236 26.5 20.5 30.7



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



#77

Pyrene

Concen: 48.05 ng

RT: 13.16 min Scan# 1916

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

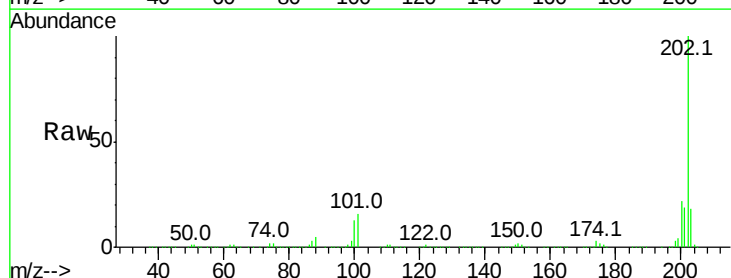
Tgt Ion:202 Resp: 1599525

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

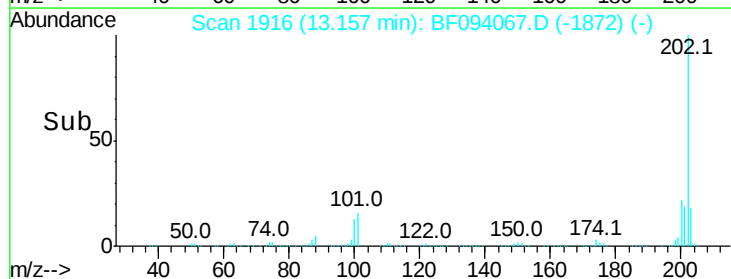
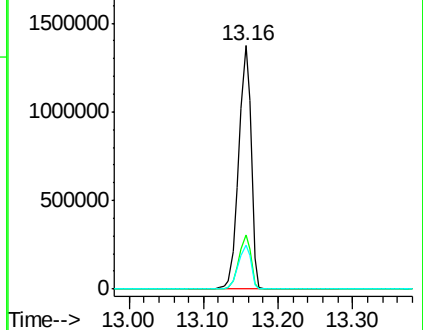
203 17.8 14.4 21.6

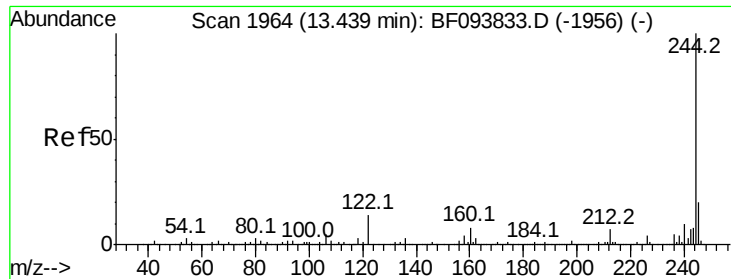


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.40 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

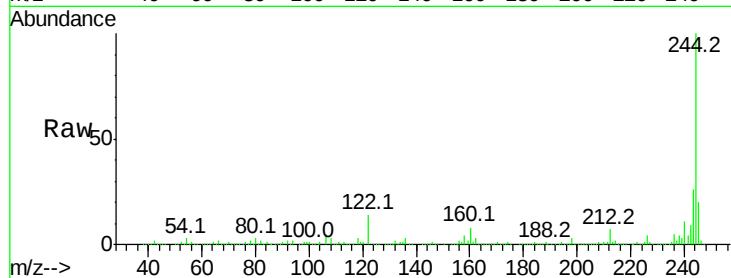
Tot Ion:244 Resp: 1788589

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

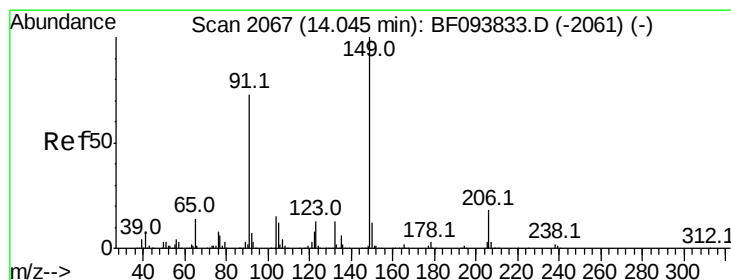
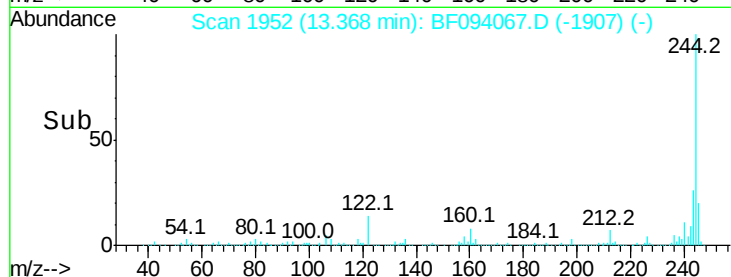
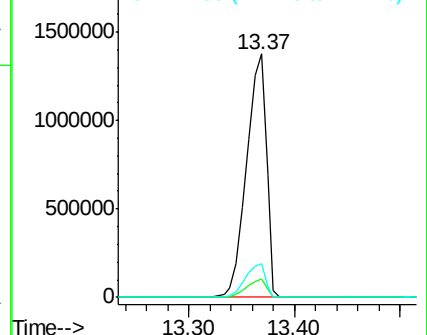
122 13.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 55.14 ng

RT: 13.97 min Scan# 2055

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

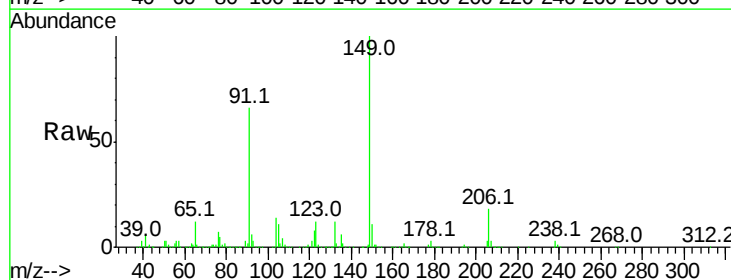
Tgt Ion:149 Resp: 782138

Ion Ratio Lower Upper

149 100

91 66.2 45.0 67.4

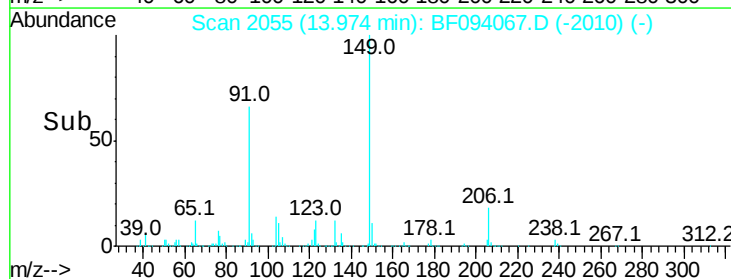
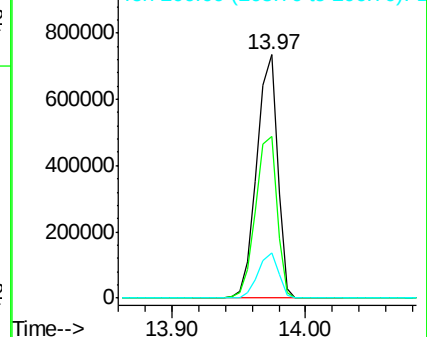
206 18.5 17.0 25.6

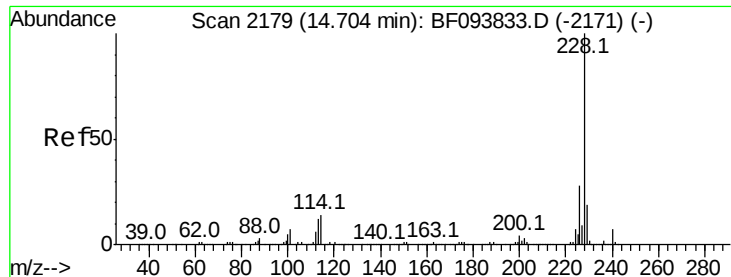


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

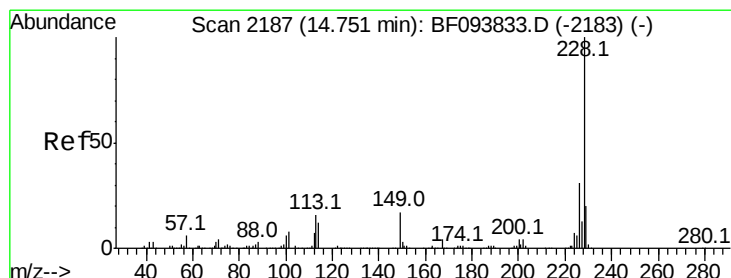
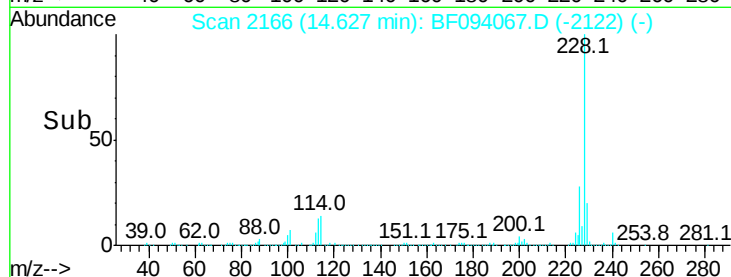
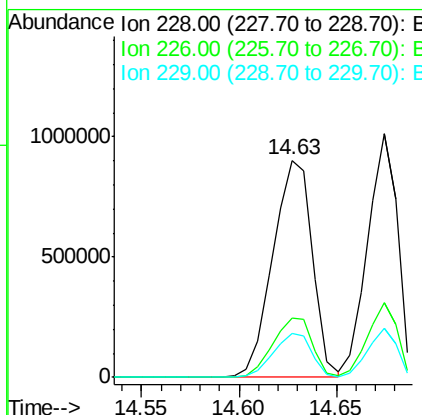
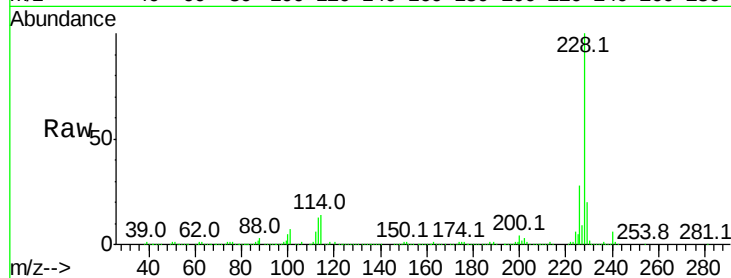




#80
Benzo(a)anthracene
Concen: 47.22 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

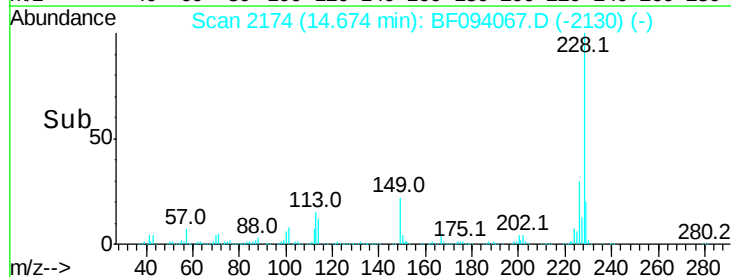
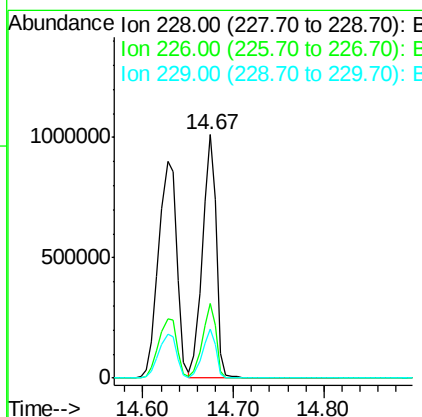
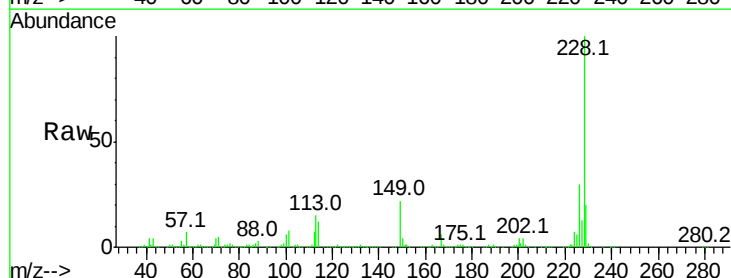
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

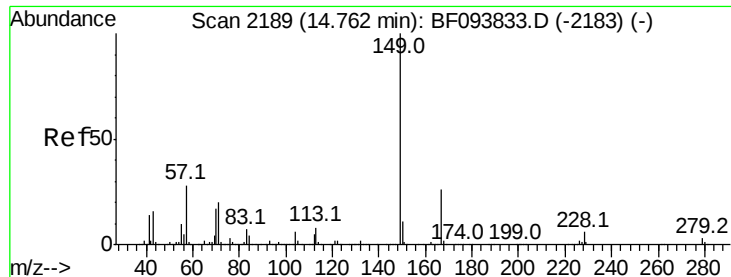
Tot Ion:228 Resp: 1263042
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.3 16.3 24.5



#82
Chrysene
Concen: 43.95 ng
RT: 14.67 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Tgt Ion:228 Resp: 1090874
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 20.2 15.8 23.6

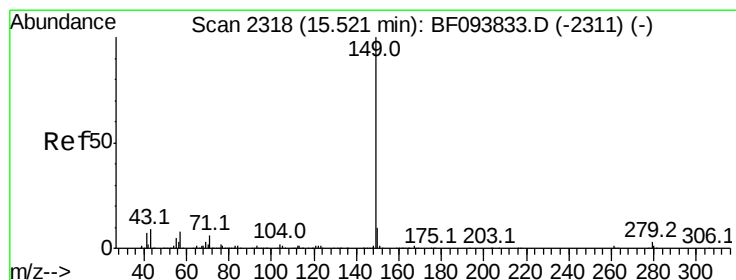
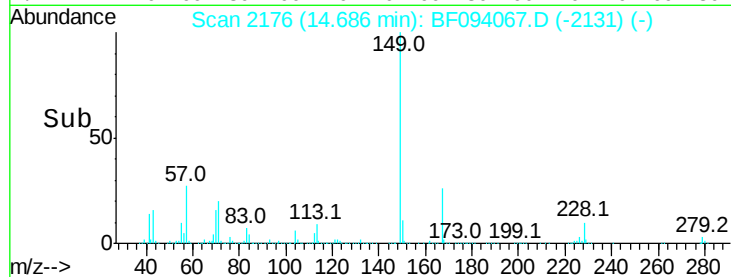
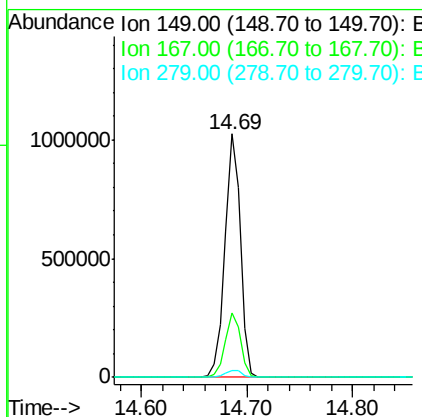
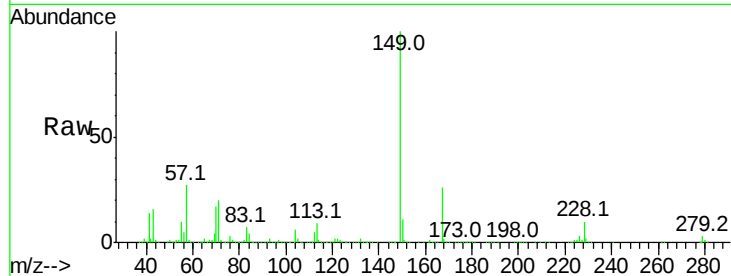




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.99 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

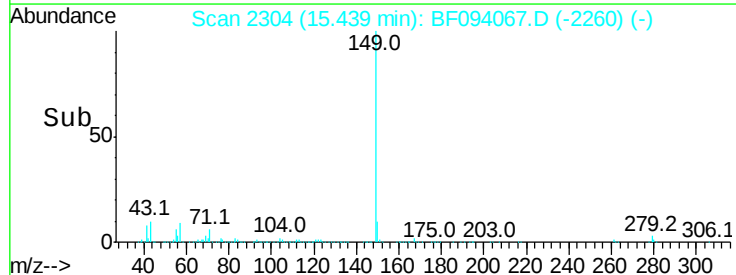
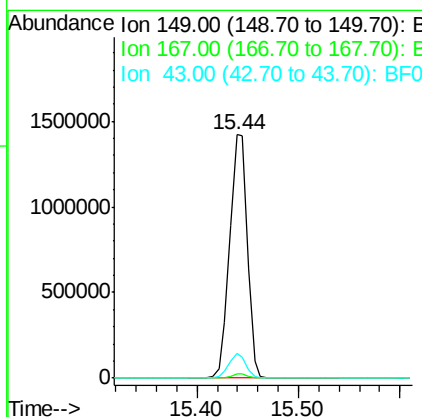
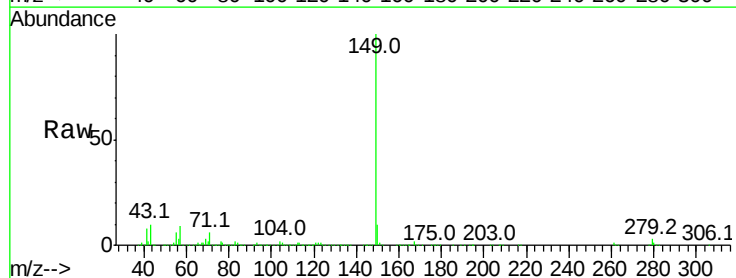
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

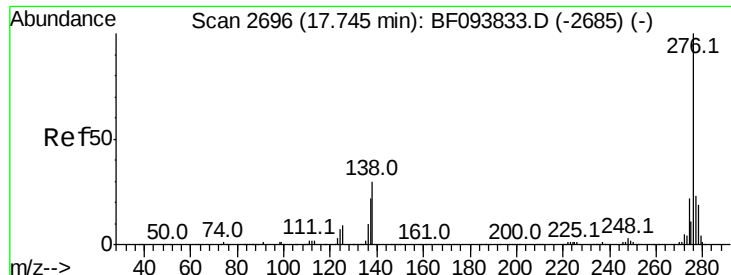
Tot Ion:149 Resp: 1044848
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.29 ng
 RT: 15.44 min Scan# 2304
 Delta R.T. -0.04 min
 Lab File: BF094067.D
 Acq: 30 Mar 2017 19:31

Tgt Ion:149 Resp: 1722882
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.15 ng

RT: 17.63 min Scan# 2677

Delta R.T. -0.05 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

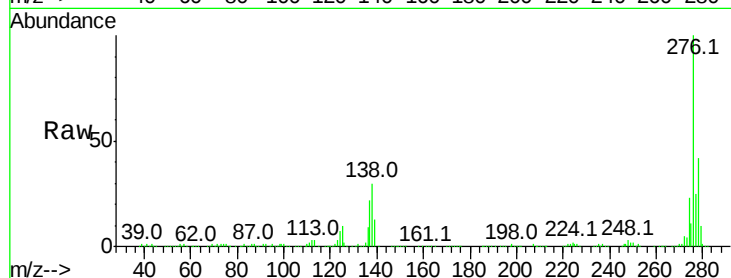
Tot Ion:276 Resp: 884611

Ion Ratio Lower Upper

276 100

138 34.7 27.8 41.6

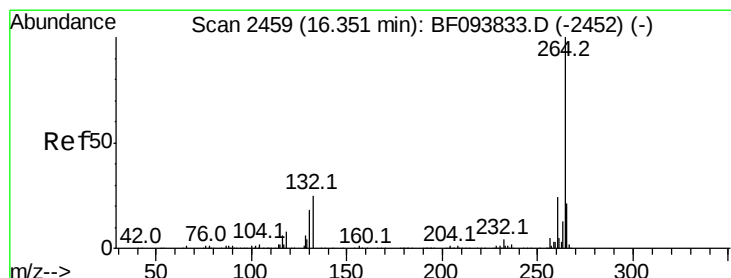
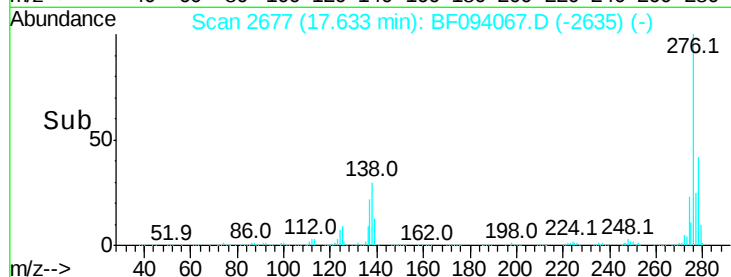
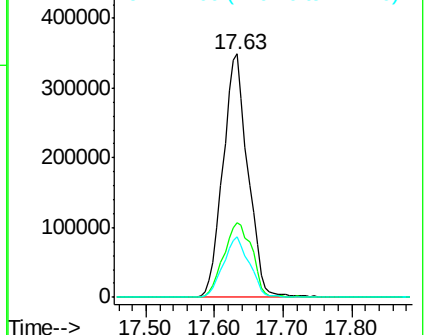
277 25.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 2445

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

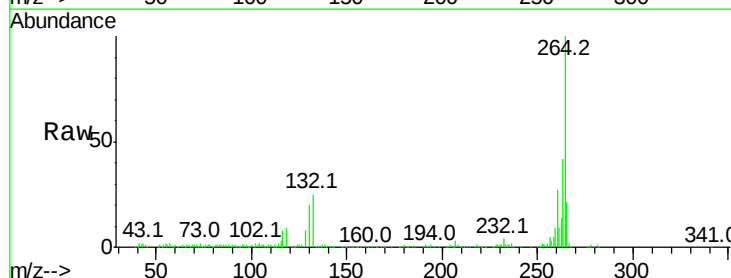
Tgt Ion:264 Resp: 223503

Ion Ratio Lower Upper

264 100

260 26.8 19.5 29.3

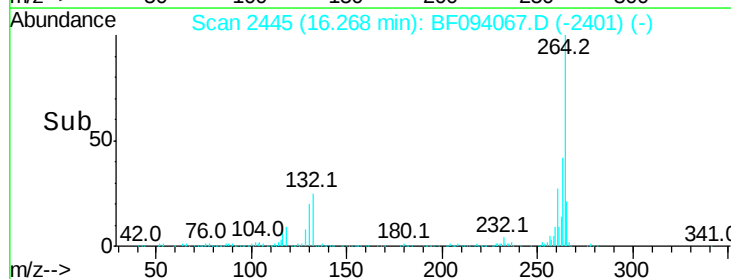
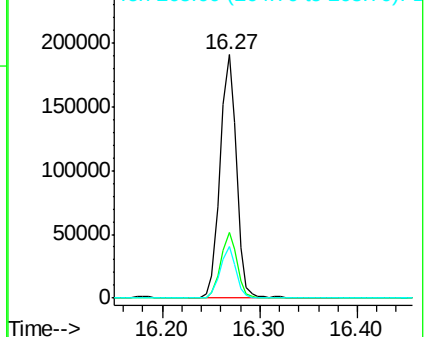
265 21.1 17.2 25.8

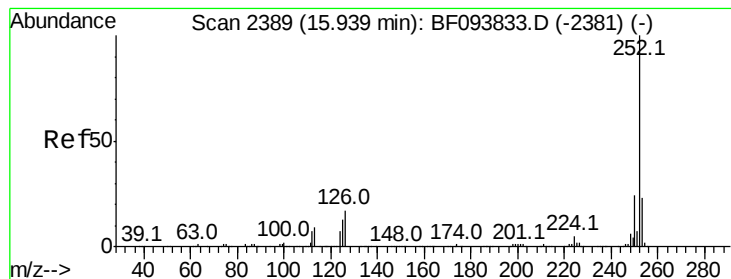


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 70.81 ng

RT: 15.86 min Scan# 2376

Delta R.T. -0.04 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

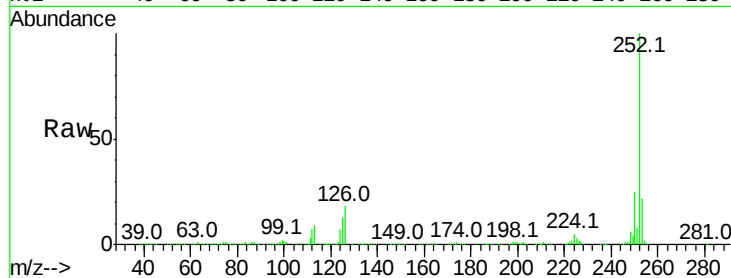
Tot Ion:252 Resp: 970142

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

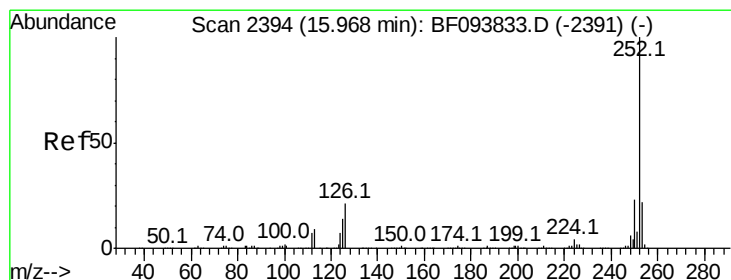
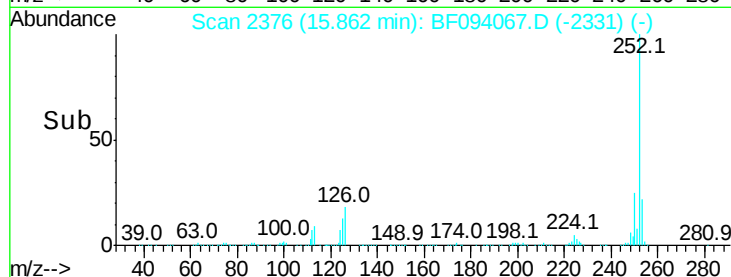
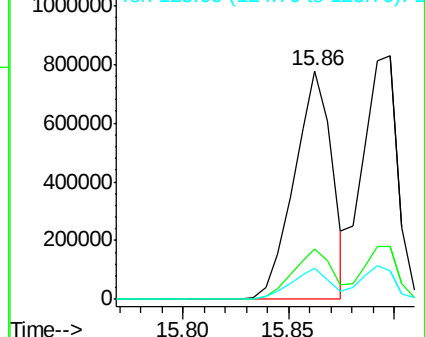
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 72.37 ng

RT: 15.86 min Scan# 2376

Delta R.T. -0.07 min

Lab File: BF094067.D

Acq: 30 Mar 2017 19:31

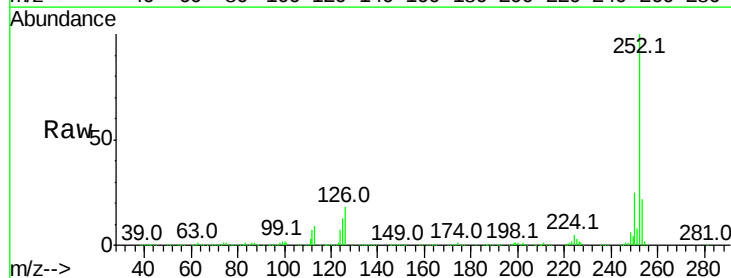
Tgt Ion:252 Resp: 970142

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

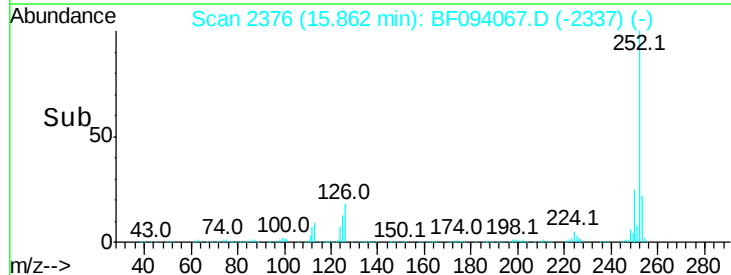
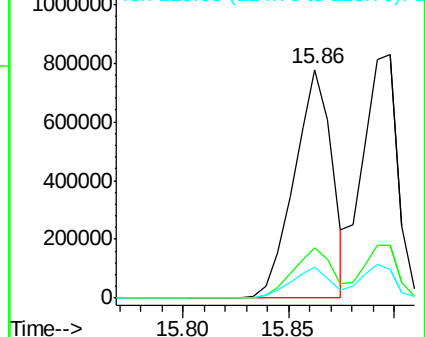
125 13.4 13.1 19.7

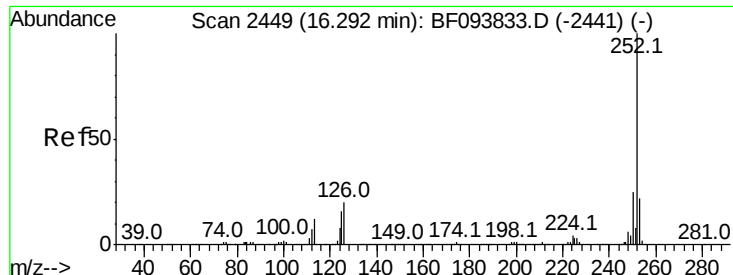


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

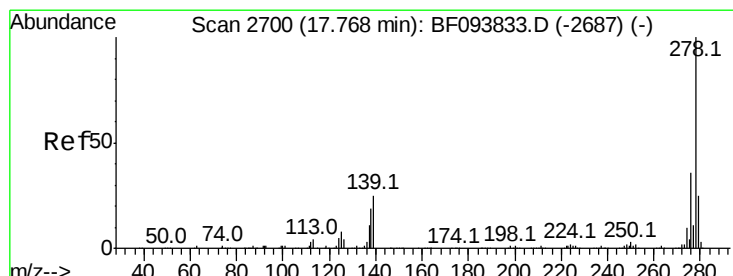
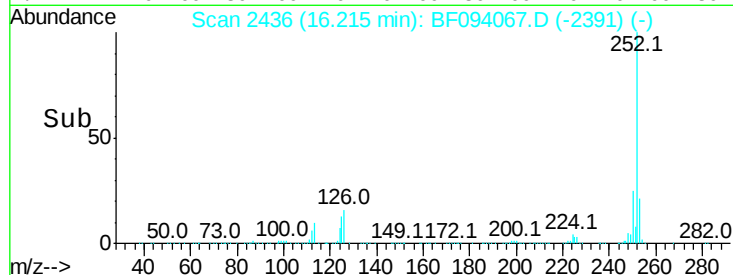
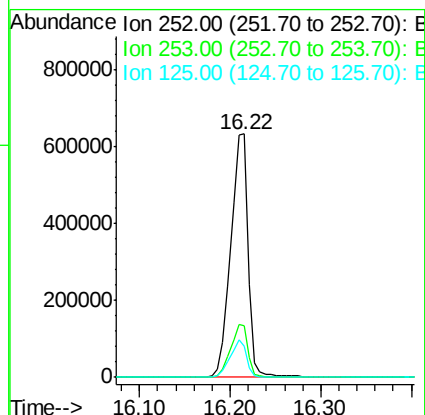
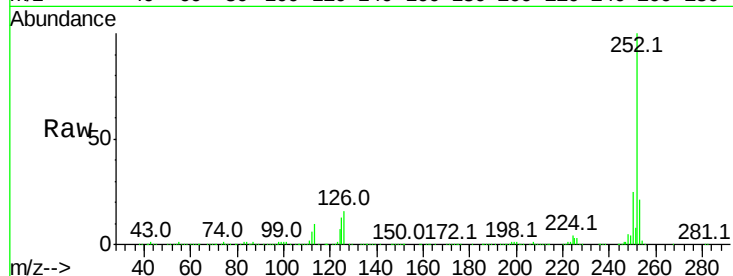




#89
Benzo(a)pyrene
Concen: 67.17 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

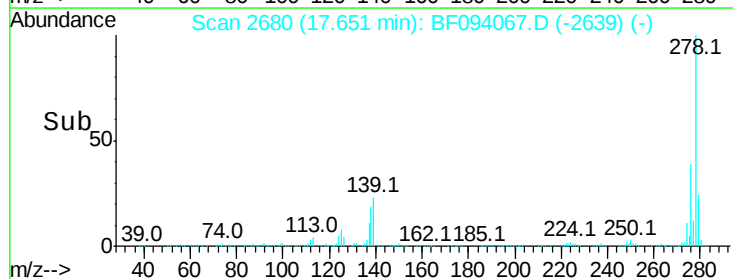
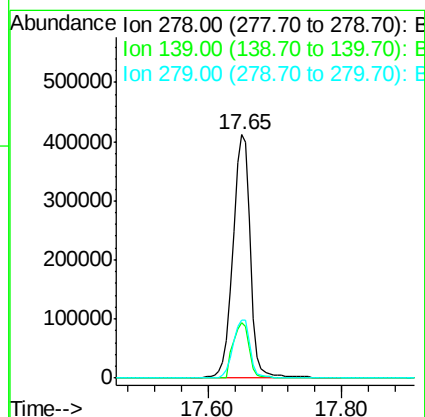
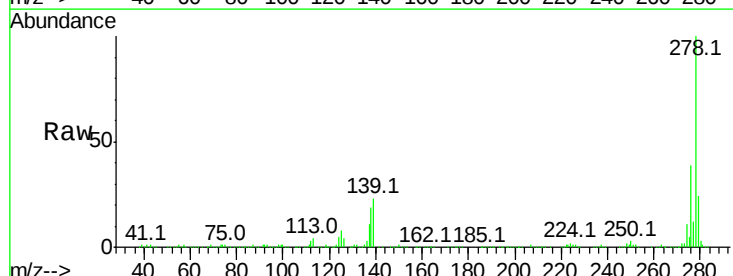
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

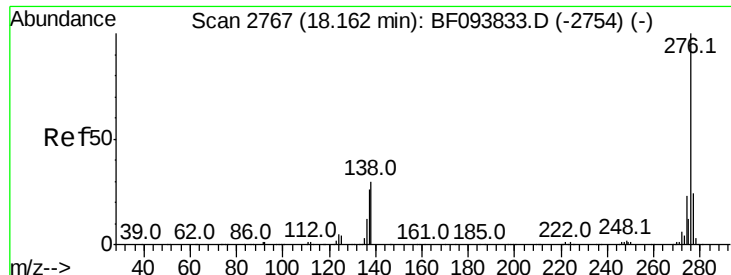
Tot Ion:252 Resp: 847405
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 13.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 71.30 ng
RT: 17.65 min Scan# 2680
Delta R.T. -0.06 min
Lab File: BF094067.D
Acq: 30 Mar 2017 19:31

Tgt Ion:278 Resp: 761841
Ion Ratio Lower Upper
278 100
139 22.9 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 66.61 ng

RT: 18.03 min Scan# 2745

Delta R.T. -0.06 min

Lab File: BF094067.D

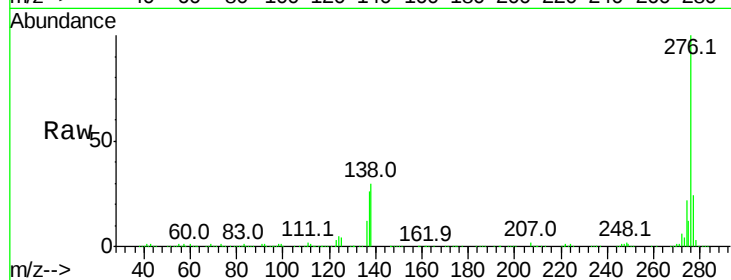
Acq: 30 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD



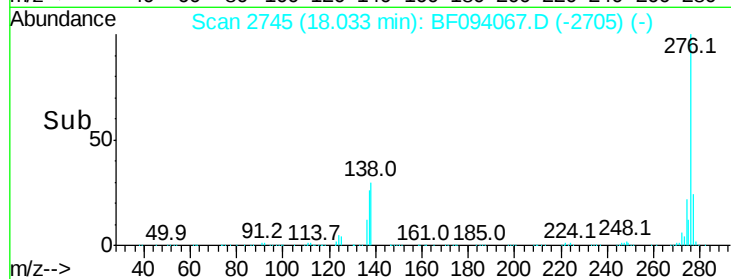
Tot Ion:276 Resp: 717255

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

