

Data Path : Z:\HPCHEM1\BNA F\Data\BF033117\
 Data File : BF094089.D
 Acq On : 31 Mar 2017 11:47
 Operator : SJ/MA
 Sample : I2384-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 31 14:42:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	176374	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	697009	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	319179	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	551906	20.00	ng	0.00
75) Chrysene-d12	14.63	240	414252	20.00	ng	0.00
86) Perylene-d12	16.25	264	228581	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.46	112	1249858	119.69	ng	0.02
7) Phenol-d6	5.52	99	1541787	119.35	ng	0.00
23) Nitrobenzene-d5	6.56	82	1032887	84.57	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	359309	142.46	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1882481	89.96	ng	0.00
78) Terphenyl-d14	13.35	244	1557900	84.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	188889	37.65	ng	# 81
3) Pyridine	2.87	79	401532	29.37	ng	98
4) n-Nitrosodimethylamine	2.81	42	231809	41.20	ng	90
6) Aniline	5.53	93	218423	12.15	ng	# 1
8) 2-Chlorophenol	5.67	128	502986	43.82	ng	98
9) Benzaldehyde	5.39	77	83585	9.58	ng	97
10) Phenol	5.53	94	563720	38.35	ng	98
11) bis(2-Chloroethyl)ether	5.61	93	540569	47.05	ng	98
12) 1,3-Dichlorobenzene	5.83	146	534972	41.55	ng	99
13) 1,4-Dichlorobenzene	5.92	146	550265	42.20	ng	97
14) 1,2-Dichlorobenzene	6.10	146	560572	46.68	ng	97
15) Benzyl Alcohol	6.07	79	395568	41.84	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.23	45	688091	38.87	ng	95
17) 2-Methylphenol	6.22	107	426002	43.34	ng	96
18) Hexachloroethane	6.49	117	192627	42.03	ng	89
19) n-Nitroso-di-n-propylamine	6.39	70	357283	43.03	ng	99
20) 3+4-Methylphenols	6.40	107	542225	45.54	ng	# 63
22) Acetophenone	6.37	105	726962	46.80	ng	# 86
24) Nitrobenzene	6.57	77	526038	43.67	ng	93
25) Isophorone	6.86	82	941891	43.89	ng	95
26) 2-Nitrophenol	6.95	139	289260	50.35	ng	98
27) 2,4-Dimethylphenol	7.02	122	475206	48.01	ng	97
28) bis(2-Chloroethoxy)methane	7.12	93	601356	42.49	ng	99
29) 2,4-Dichlorophenol	7.25	162	443905	47.97	ng	97
30) 1,2,4-Trichlorobenzene	7.34	180	432509	45.37	ng	99
31) Naphthalene	7.43	128	1979306	59.06	ng	100
32) Benzoic acid	7.18	122	257743	39.12	ng	90
33) 4-Chloroaniline	7.50	127	114730	8.45	ng	# 94
34) Hexachlorobutadiene	7.59	225	218265	44.65	ng	97
35) Caprolactam	7.99	113	52457	17.77	ng	86
36) 4-Chloro-3-methylphenol	8.12	107	462641	47.84	ng	90
37) 2-Methylnaphthalene	8.27	142	1134544	50.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	377551	43.24	ng	99
40) Hexachlorocyclopentadiene	8.47	237	333872	81.71	ng	100

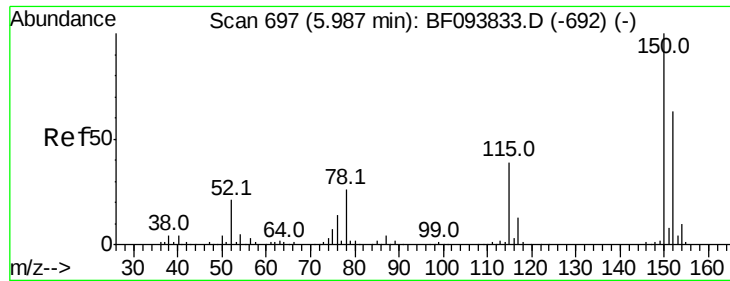
Data Path : Z:\HPCHEM1\BNA F\Data\BF033117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	296101	47.93	nq	97
43) 2,4,5-Trichlorophenol	8.69	196	303856	45.46	nq	# 92
45) 1,1'-Biphenyl	8.85	154	1142779	44.39	nq	98
46) 2-Chloronaphthalene	8.87	162	897317	44.53	nq	95
47) 2-Nitroaniline	9.00	65	267095	44.68	nq	# 78
48) Acenaphthylene	9.37	152	1416976	42.31	nq	99
49) Dimethylphthalate	9.24	163	1061243	46.77	nq	99
50) 2,6-Dinitrotoluene	9.30	165	244263	46.96	nq	94
51) Acenaphthene	9.59	154	868131	44.42	nq	99
52) 3-Nitroaniline	9.50	138	89576	14.67	nq	89
53) 2,4-Dinitrophenol	9.63	184	178946	65.21	nq	# 75
54) Dibenzofuran	9.80	168	1249480	46.97	nq	99
55) 4-Nitrophenol	9.75	139	363693	76.04	nq	# 67
56) 2,4-Dinitrotoluene	9.80	165	292512	44.77	nq	# 69
57) Fluorene	10.22	166	938090	42.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	225056	49.07	nq	97
59) Diethylphthalate	10.11	149	1026304	45.77	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	404241	43.01	nq	94
61) 4-Nitroaniline	10.26	138	199000	33.95	nq	95
62) Azobenzene	10.42	77	974830	45.95	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	139974	41.41	nq	# 73
65) n-Nitrosodiphenylamine	10.38	169	696203	36.48	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	254821	46.95	nq	99
67) Hexachlorobenzene	10.90	284	258580	47.06	nq	# 85
68) Atrazine	11.04	200	73395	12.84	nq	95
69) Pentachlorophenol	11.15	266	267454	78.20	nq	99
70) Phenanthrene	11.40	178	1380005	44.95	nq	99
71) Anthracene	11.47	178	1406941	44.51	nq	98
72) Carbazole	11.67	167	1039071	32.06	nq	98
73) Di-n-butylphthalate	12.12	149	1576380	46.76	nq	99
74) Fluoranthene	12.86	202	1392131	44.28	nq	99
77) Pyrene	13.14	202	1397347	46.48	nq	99
79) Butylbenzylphthalate	13.96	149	665394	51.95	nq	# 85
80) Benzo(a)anthracene	14.62	228	1074632	44.49	nq	99
81) 3,3'-Dichlorobenzidine	14.58	252	26048	3.02	nq	96
82) Chrysene	14.66	228	959158	42.79	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	900392	51.52	nq	# 99
84) Di-n-octyl phthalate	15.43	149	1424738	48.80	nq	98
85) Indeno(1,2,3-cd)pyrene	17.60	276	817964	42.13	nq	100
87) Benzo(b)fluoranthene	15.84	252	868758	62.00	nq	98
88) Benzo(k)fluoranthene	15.84	252	868758	63.37	nq	95
89) Benzo(a)pyrene	16.19	252	725809	56.25	nq	98
90) Dibenzo(a,h)anthracene	17.63	278	680195	62.25	nq	98
91) Benzo(g,h,i)perylene	18.00	276	688185	62.49	nq	99

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

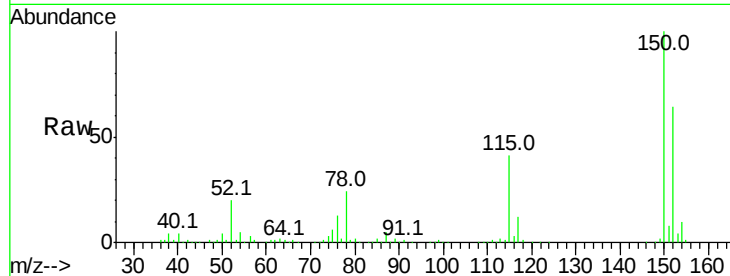


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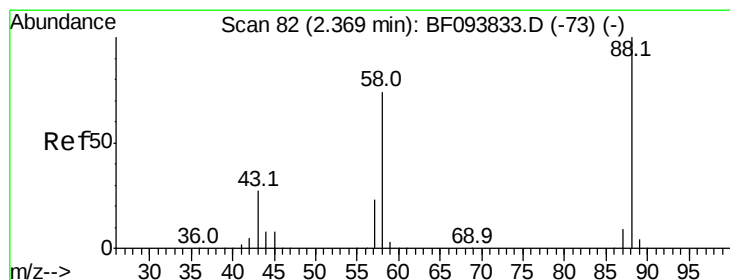
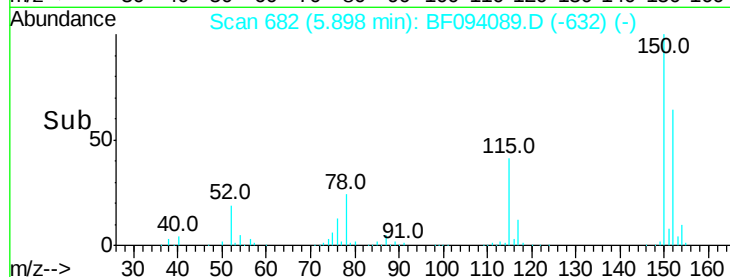
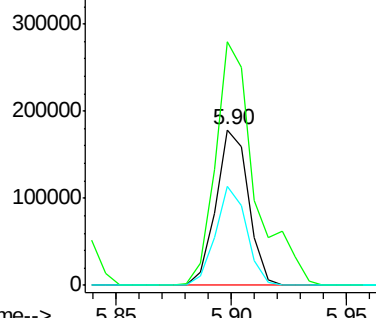
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

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

Tot Ion:152 Resp: 176374
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 63.4 52.2 78.2



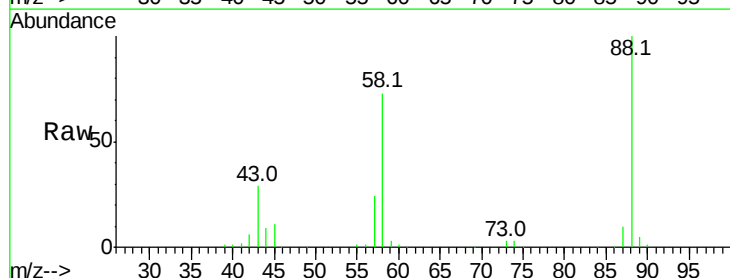
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



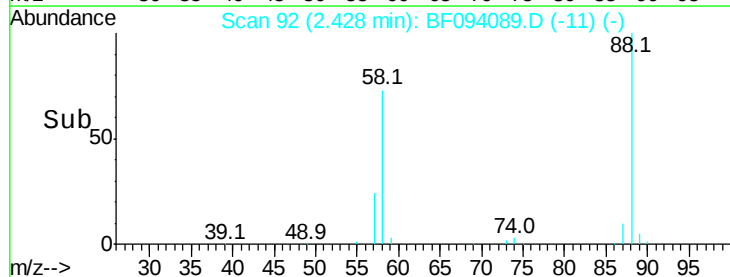
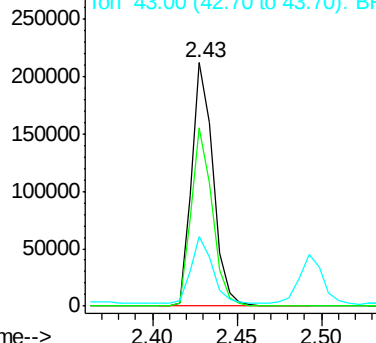
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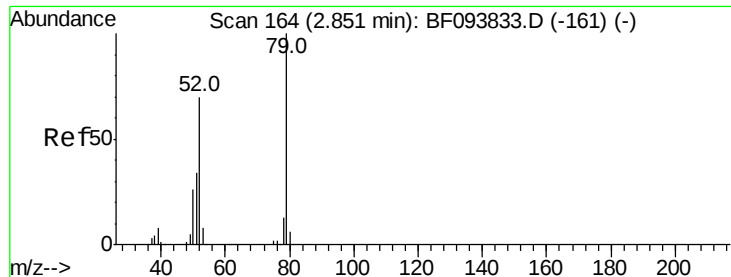
1,4-Dioxane
Concen: 37.65 ng
RT: 2.43 min Scan# 92
Delta R.T. 0.18 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion: 88 Resp: 188889
Ion Ratio Lower Upper
88 100
58 72.5 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: 29.37 ng

RT: 2.87 min Scan# 167

Delta R.T. 0.12 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

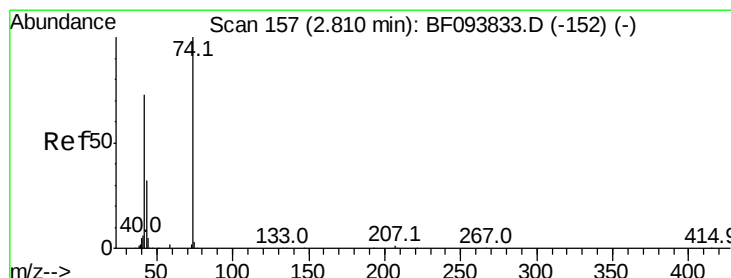
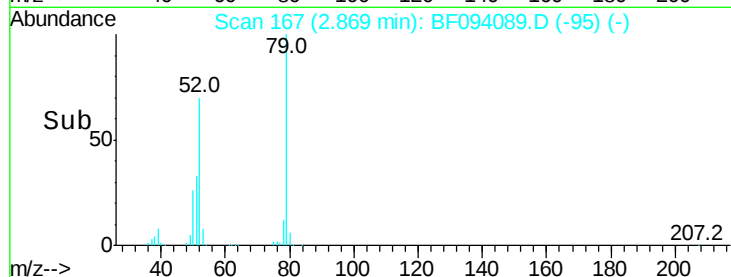
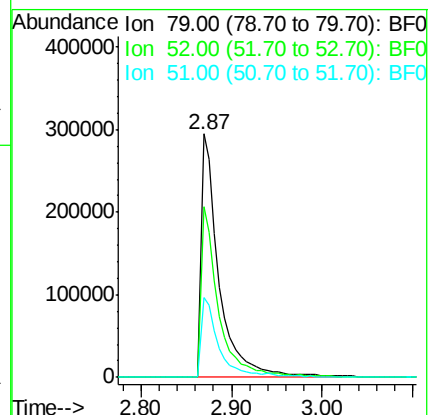
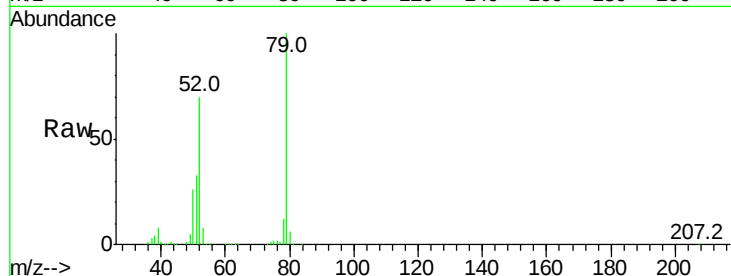
Tot Ion: 79 Resp: 401532

Ion Ratio Lower Upper

79 100

52 70.2 54.8 82.2

51 32.9 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 41.20 ng

RT: 2.81 min Scan# 157

Delta R.T. 0.09 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

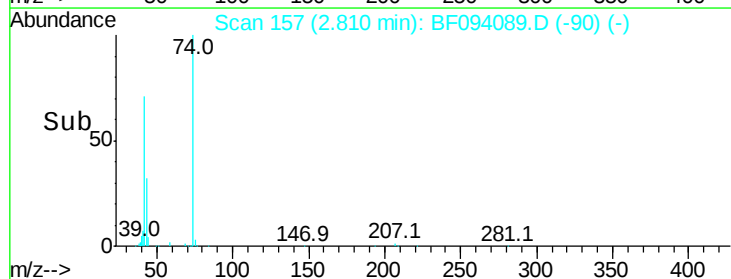
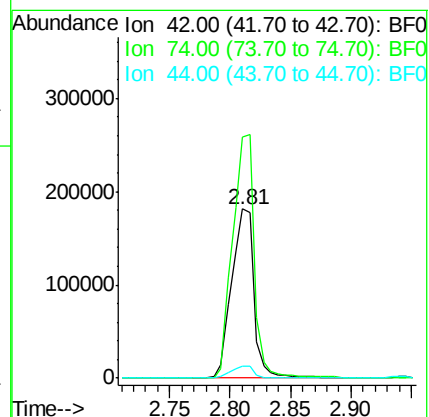
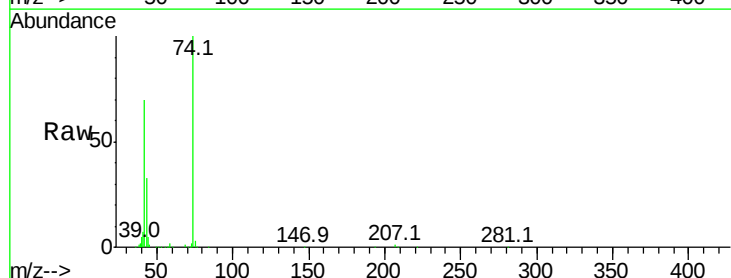
Tgt Ion: 42 Resp: 231809

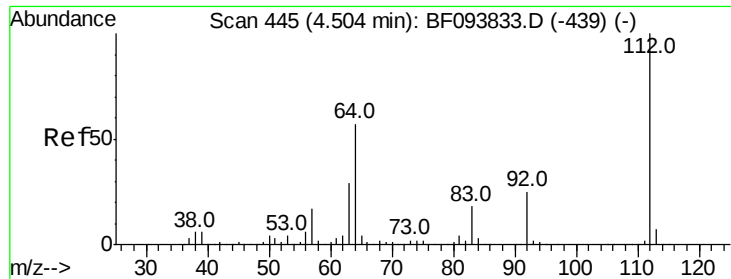
Ion Ratio Lower Upper

42 100

74 142.7 103.9 155.9

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 119.69 ng

RT: 4.46 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

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ClientSampleId :

WC-B42-B51-001MS

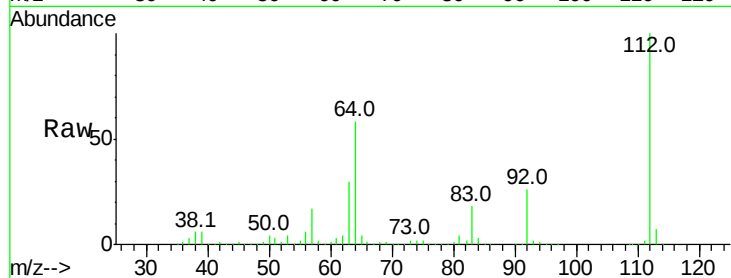
Tot Ion:112 Resp: 1249858

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

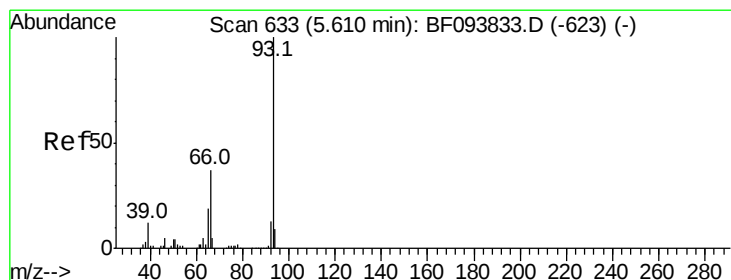
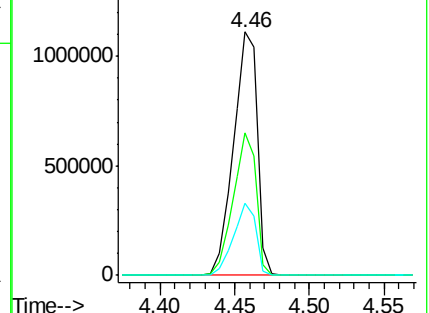
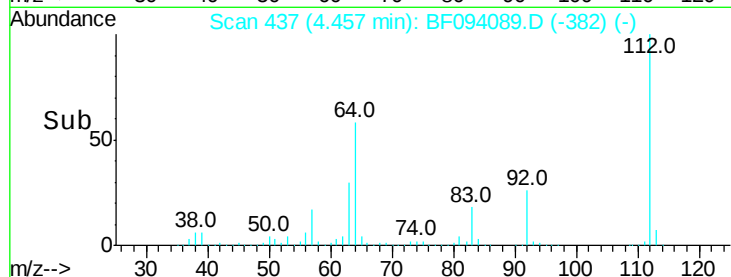
63 29.6 23.4 35.0



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: 12.15 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

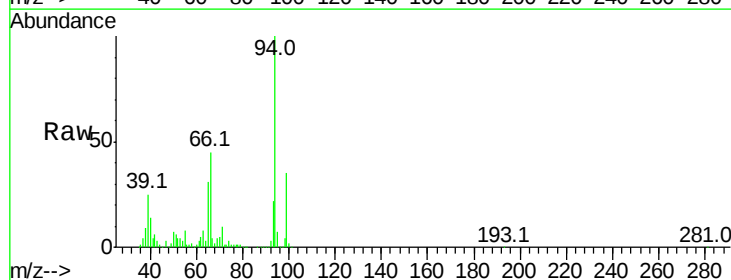
Tgt Ion: 93 Resp: 218423

Ion Ratio Lower Upper

93 100

66 206.6 32.9 49.3#

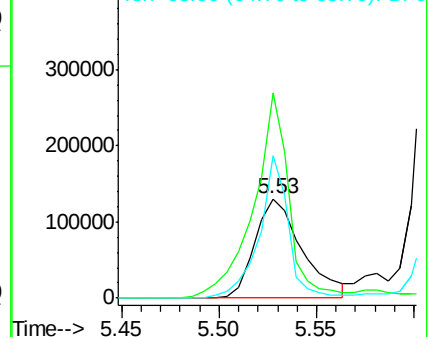
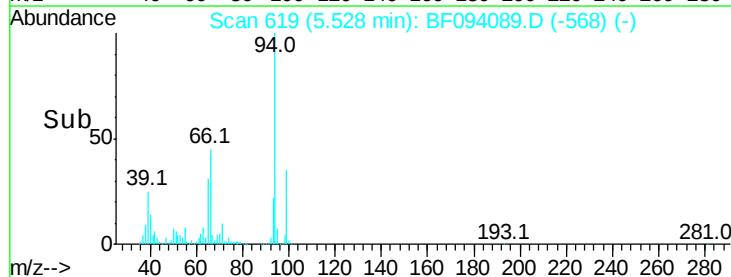
65 143.3 16.0 24.0#

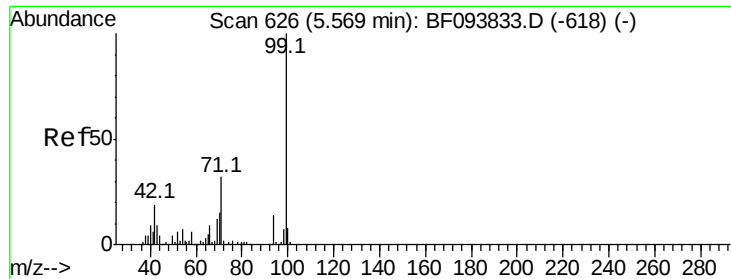


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.35 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

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ClientSampleId :

WC-B42-B51-001MS

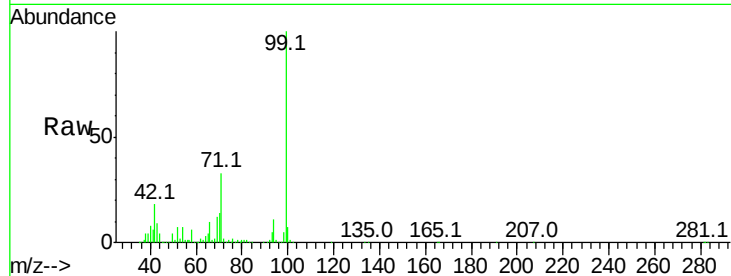
Tot Ion: 99 Resp: 1541787

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

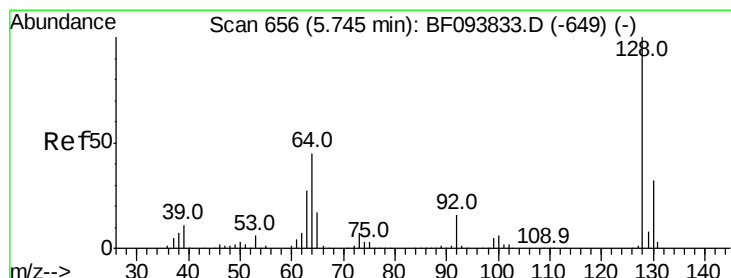
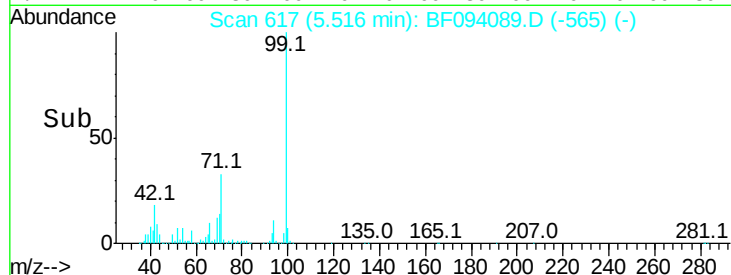
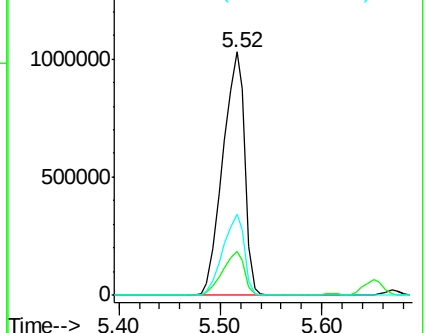
71 33.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.82 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

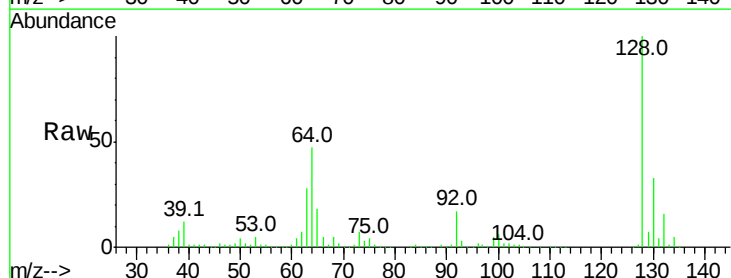
Tgt Ion:128 Resp: 502986

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

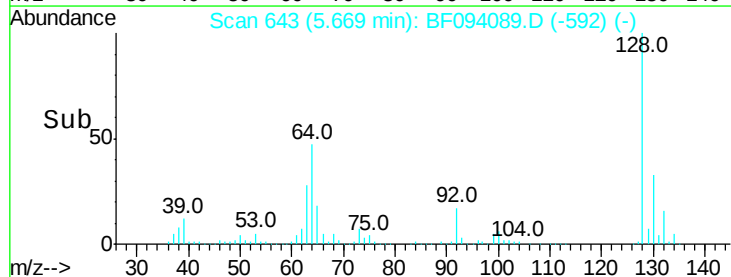
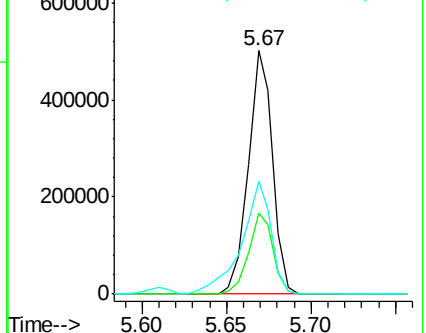
64 46.7 28.4 68.4

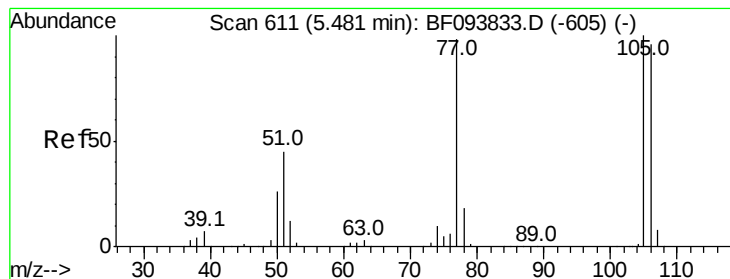


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.58 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

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ClientSampleId :

WC-B42-B51-001MS

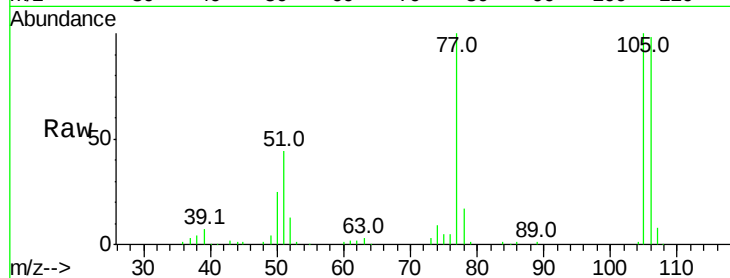
Tot Ion: 77 Resp: 83585

Ion Ratio Lower Upper

77 100

105 100.1 83.8 123.8

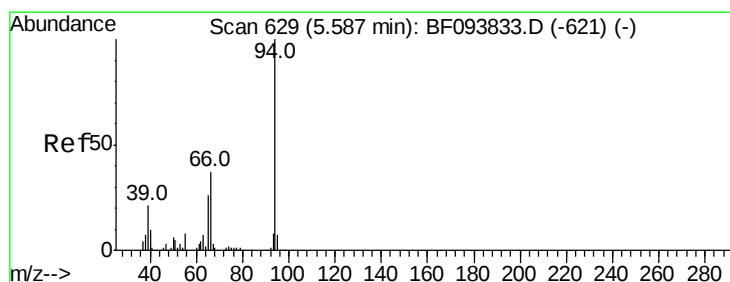
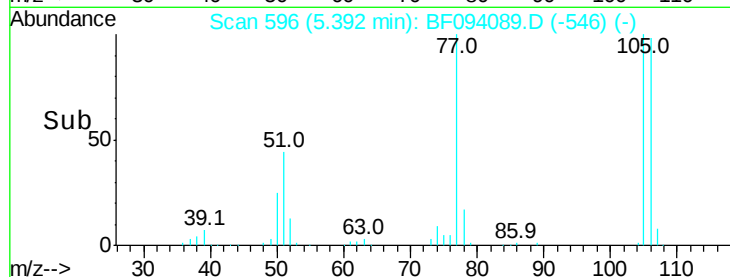
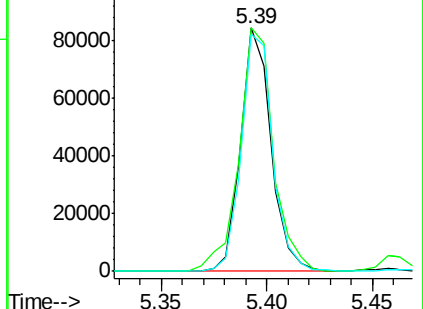
106 97.7 79.1 119.1



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: 38.35 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

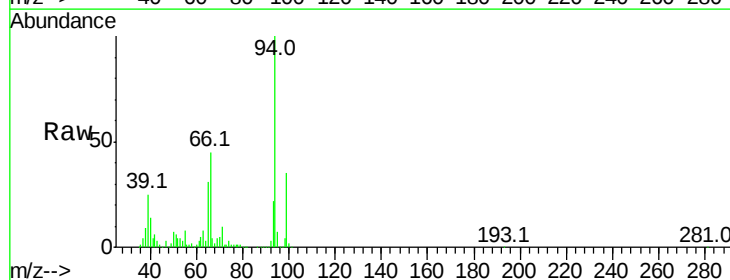
Tgt Ion: 94 Resp: 563720

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

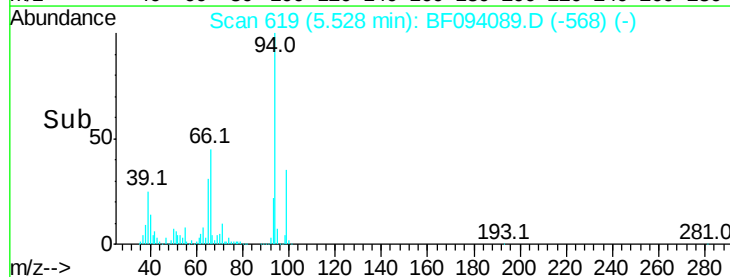
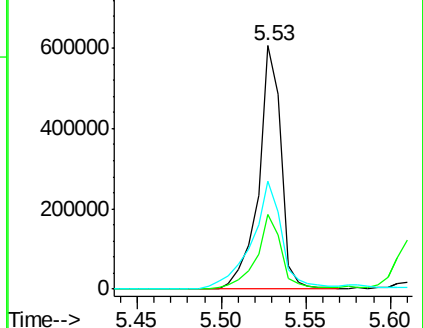
66 44.5 23.1 63.1

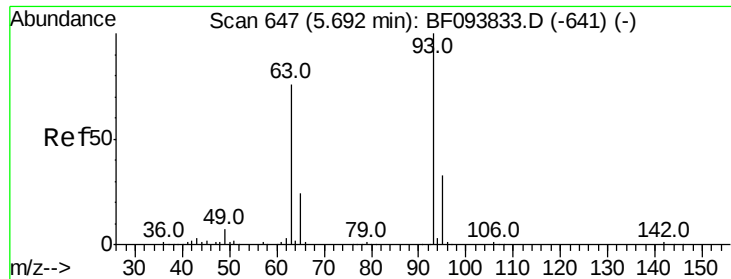


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.05 ng

RT: 5.61 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

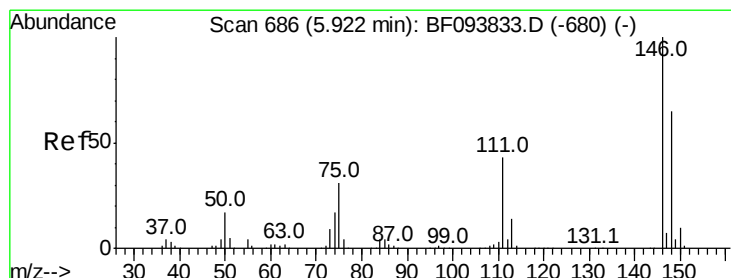
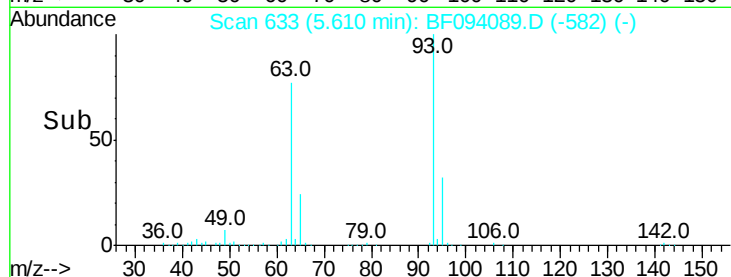
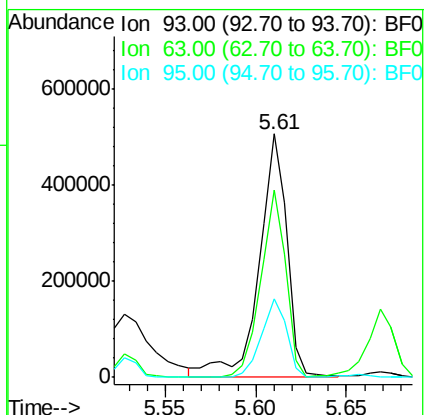
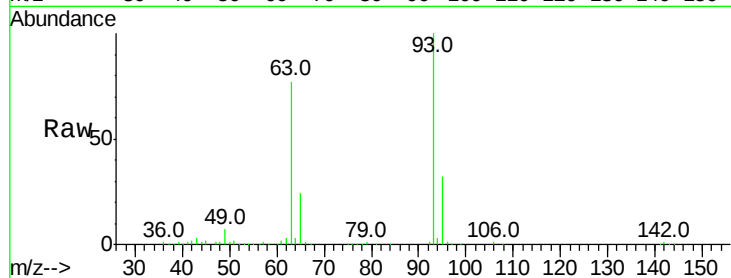
Tot Ion: 93 Resp: 540569

Ion Ratio Lower Upper

93 100

63 76.7 59.2 99.2

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.55 ng

RT: 5.83 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

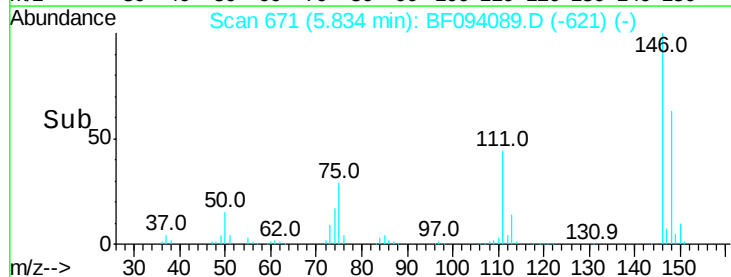
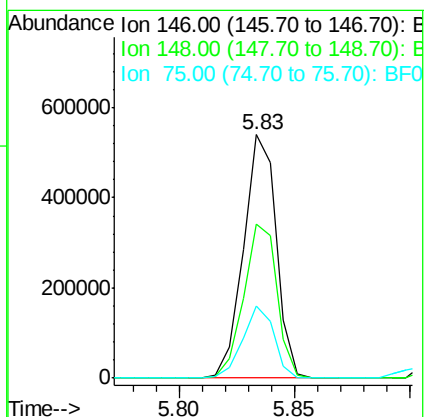
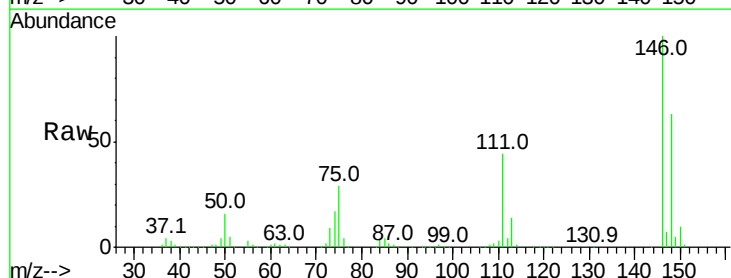
Tgt Ion: 146 Resp: 534972

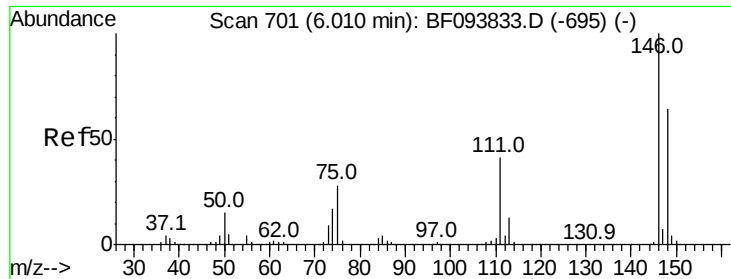
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 29.4 23.1 34.7

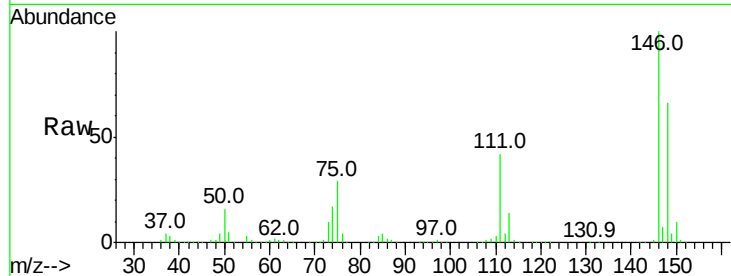




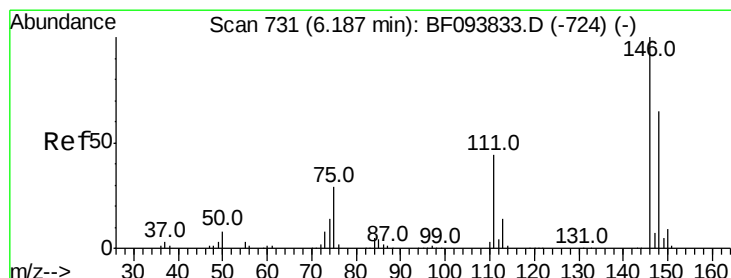
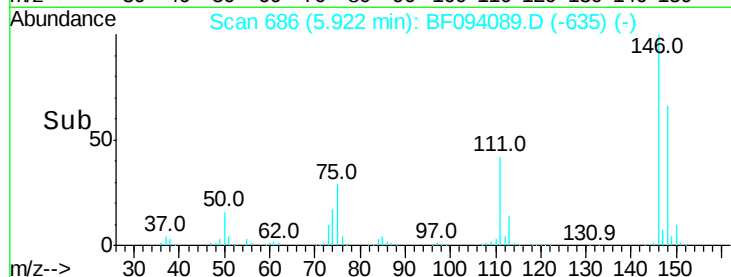
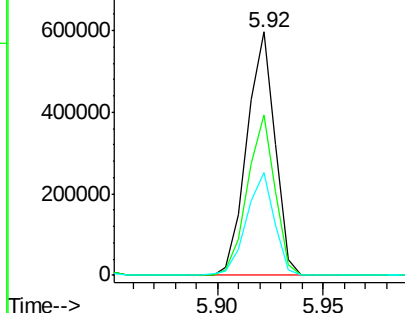
#13
 1,4-Dichlorobenzene
 Concen: 42.20 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
111	42.2	30.3	45.5

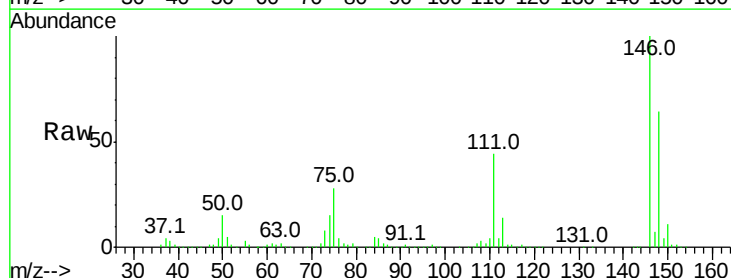


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

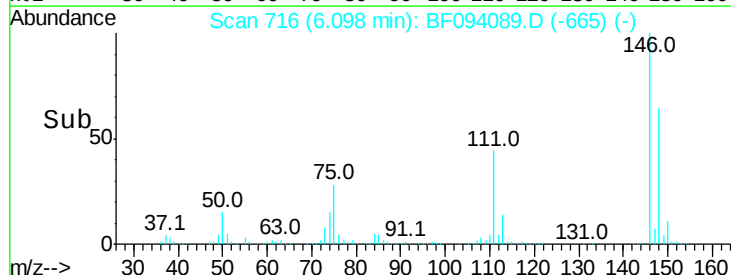
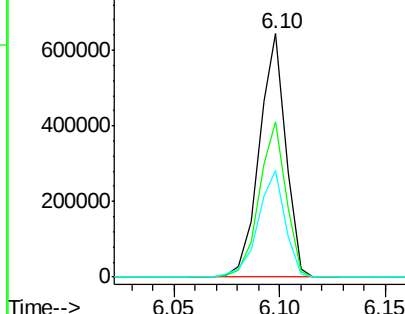


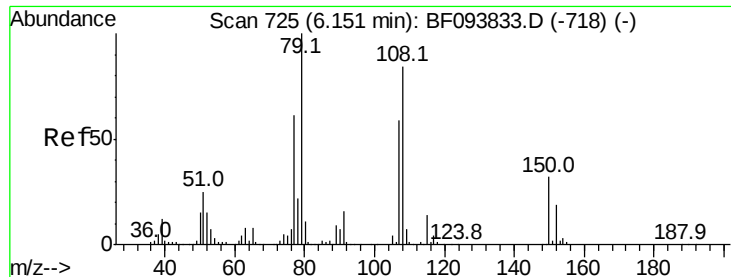
#14
 1,2-Dichlorobenzene
 Concen: 46.68 ng
 RT: 6.10 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	43.6	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 41.84 ng

RT: 6.07 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

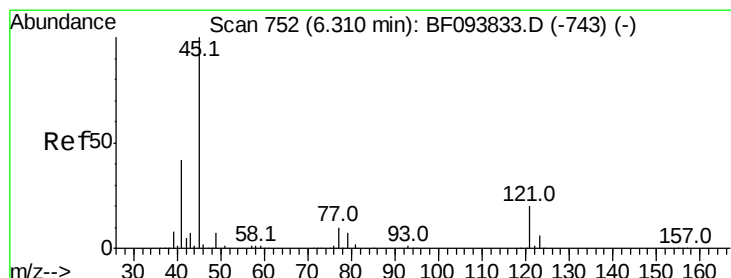
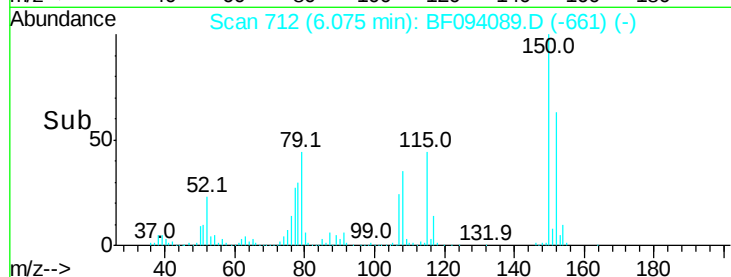
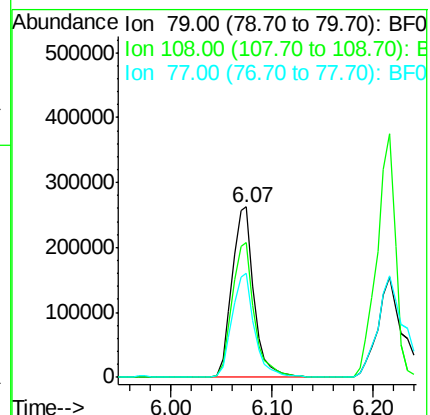
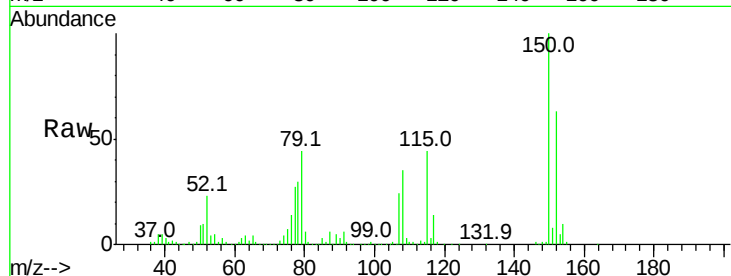
Tot Ion: 79 Resp: 395568

Ion Ratio Lower Upper

79 100

108 79.3 63.4 95.0

77 61.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.87 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

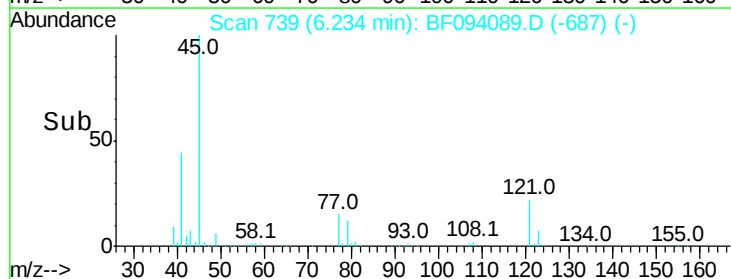
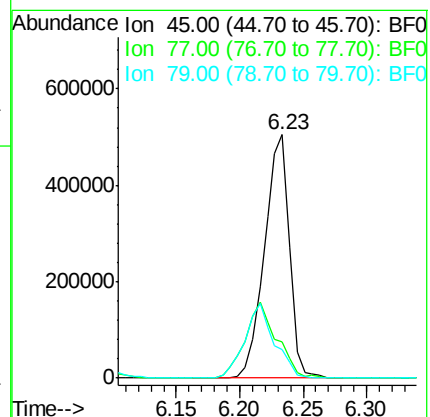
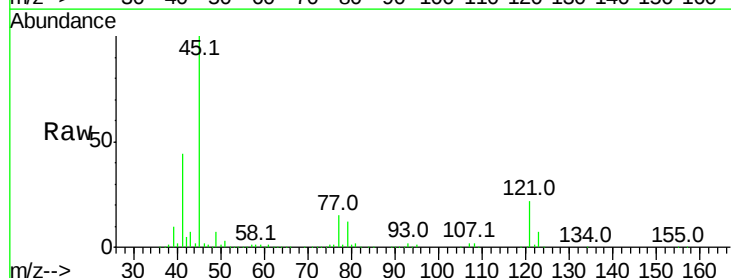
Tgt Ion: 45 Resp: 688091

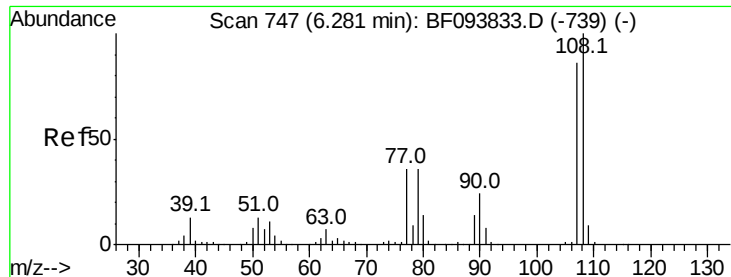
Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.2

79 11.9 0.0 30.0

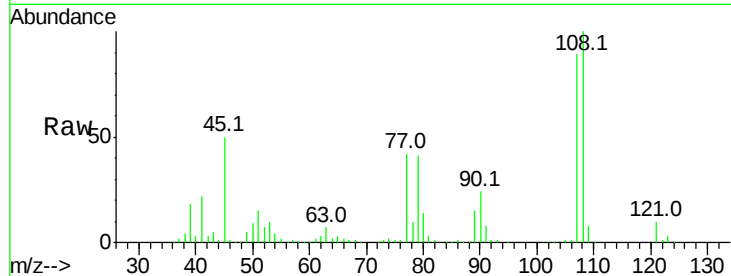




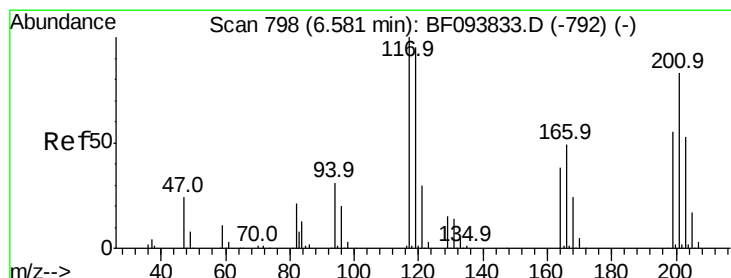
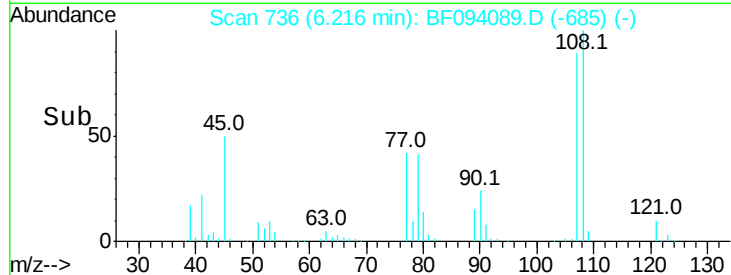
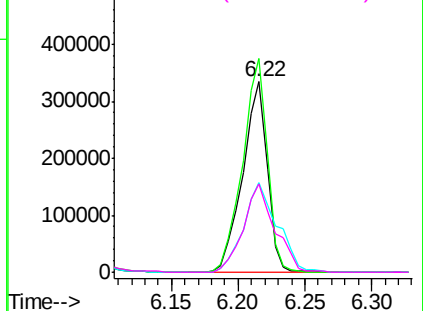
#17
2-Methylphenol
Concen: 43.34 ng
RT: 6.22 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

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

Tot Ion:107 Resp: 426002
Ion Ratio Lower Upper
107 100
108 112.2 93.4 140.0
77 47.0 35.8 53.6
79 46.2 34.8 52.2

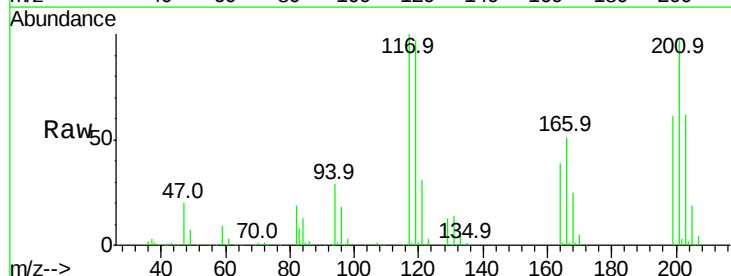


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

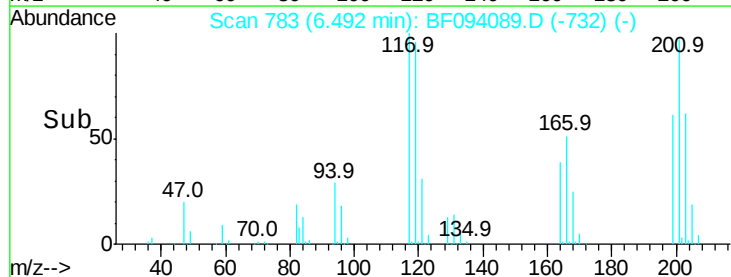
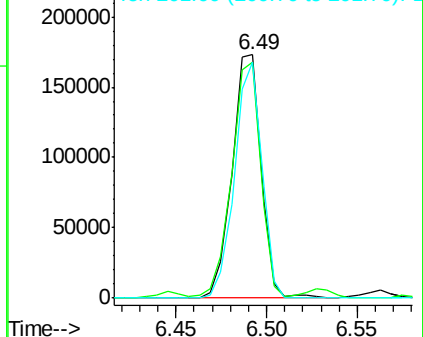


#18
Hexachloroethane
Concen: 42.03 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:117 Resp: 192627
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 96.7 94.6 141.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 43.03 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion: 70 Resp: 357283

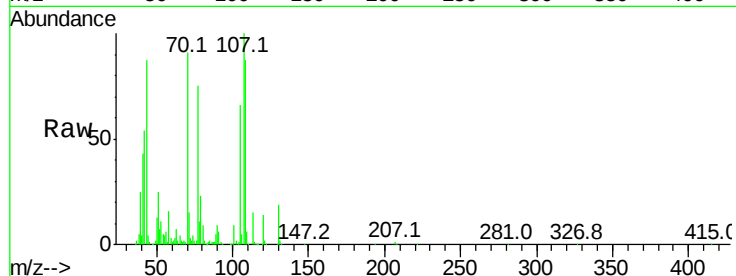
Ion Ratio Lower Upper

70 100

42 59.0 47.2 70.8

101 9.5 7.2 10.8

130 21.3 15.9 23.9

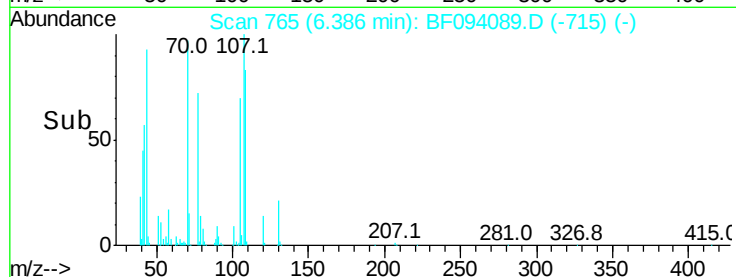
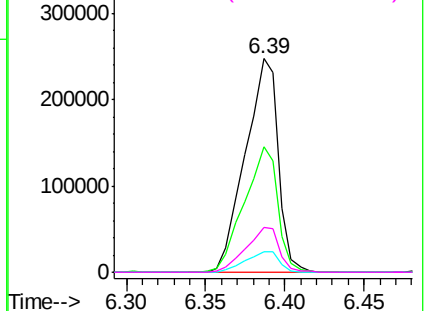


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.54 ng

RT: 6.40 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion: 107 Resp: 542225

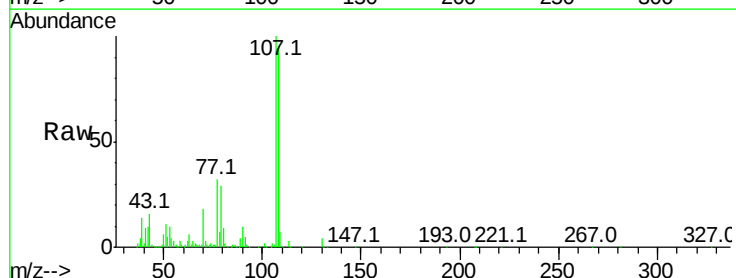
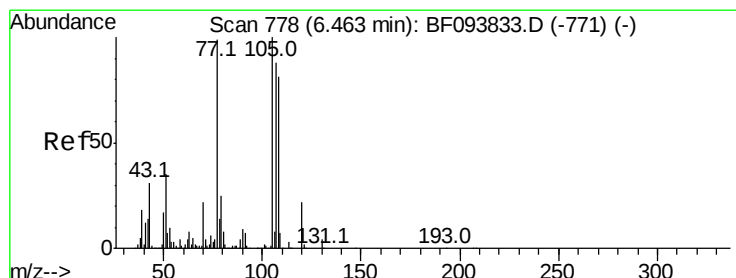
Ion Ratio Lower Upper

107 100

108 94.6 71.0 111.0

77 31.7 90.5 130.5#

79 29.1 8.4 48.4

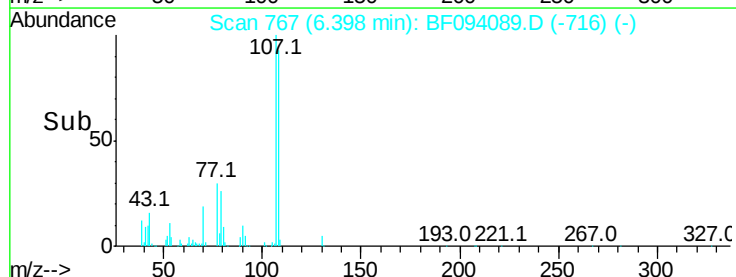
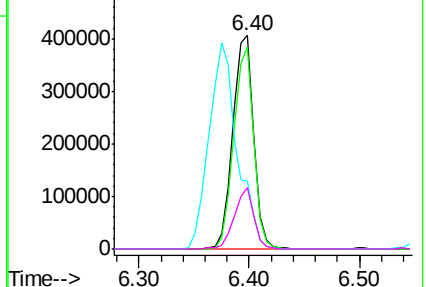


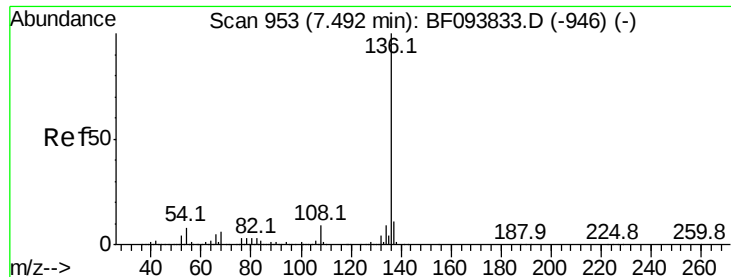
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

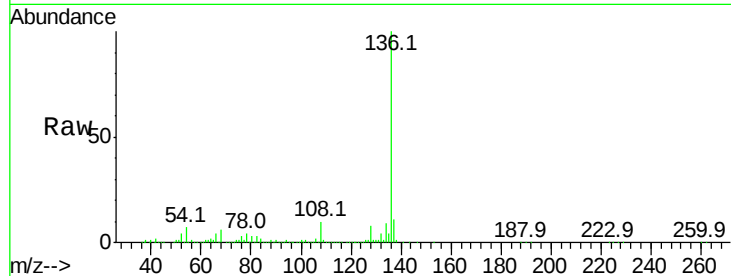




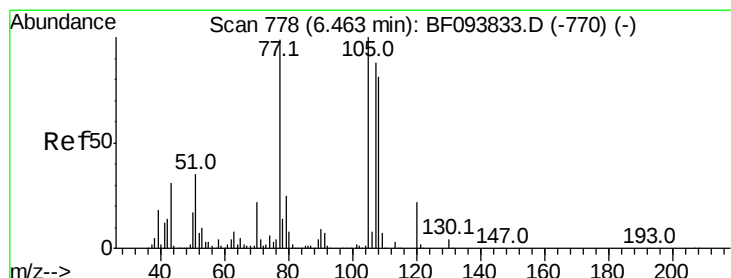
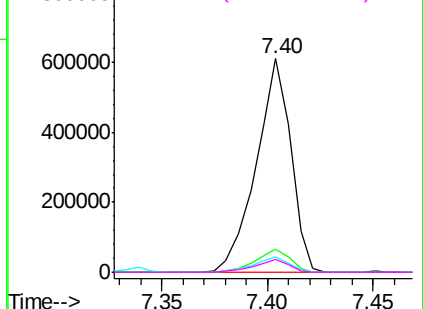
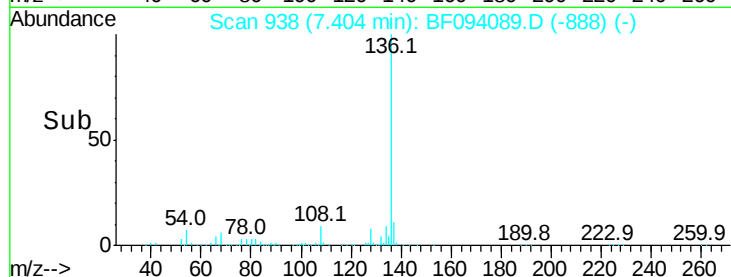
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

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

Tot Ion:	136	Resp:	697009
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.8	4.1	6.1

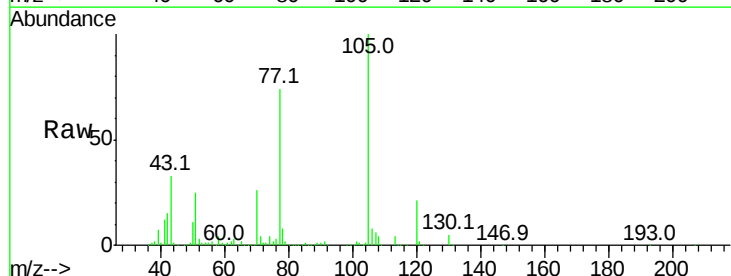


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

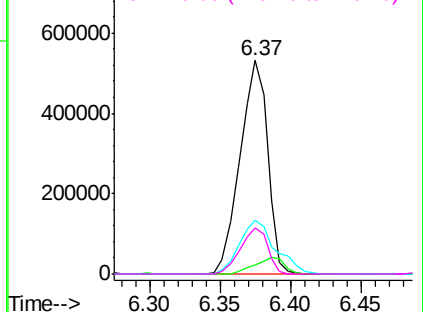
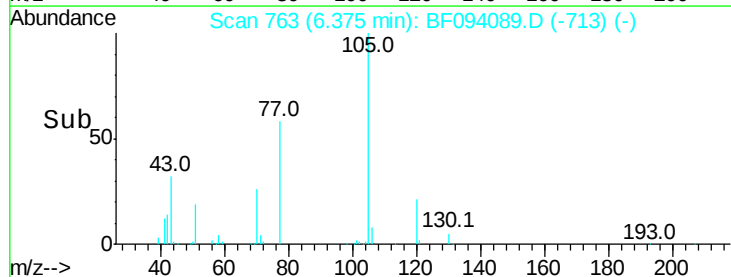


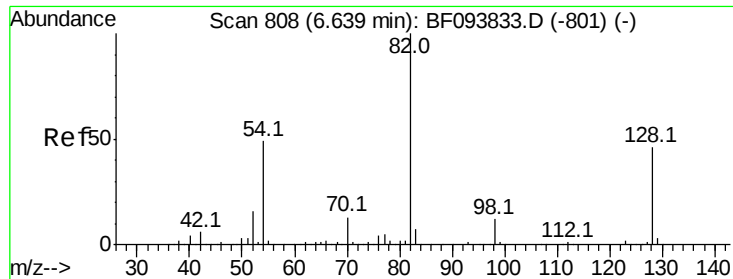
#22
Acetophenone
Concen: 46.80 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:	105	Resp:	726962
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.8	4.2
51	25.0	30.7	46.1#
120	21.4	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



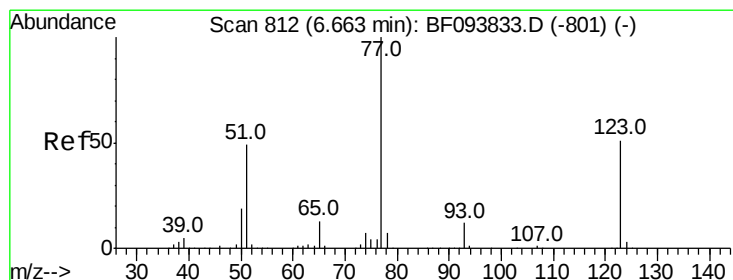
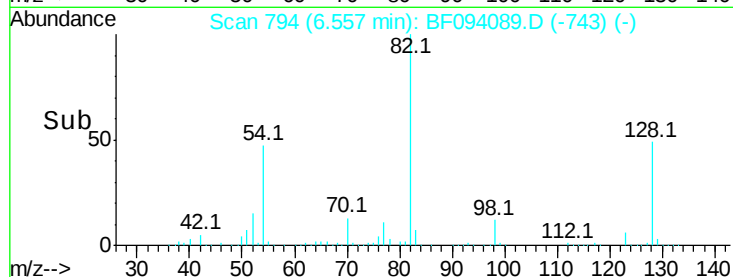
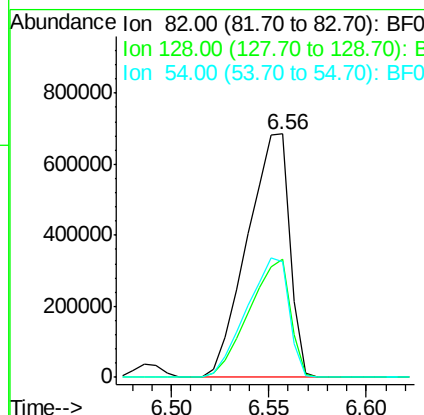
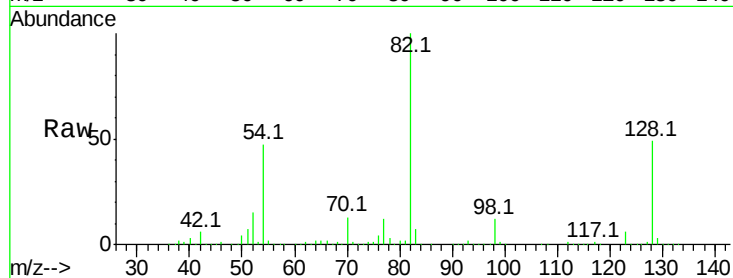


#23
 Nitrobenzene-d5
 Concen: 84.57 ng
 RT: 6.56 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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

Tot Ion: 82 Resp: 1032887

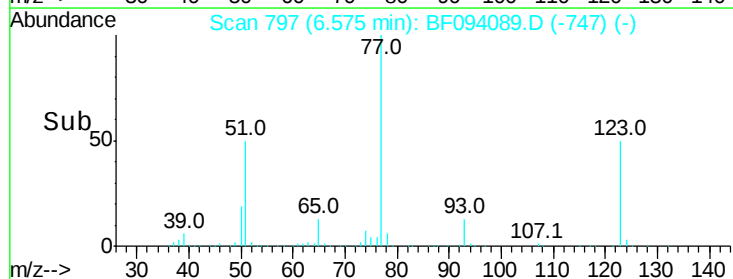
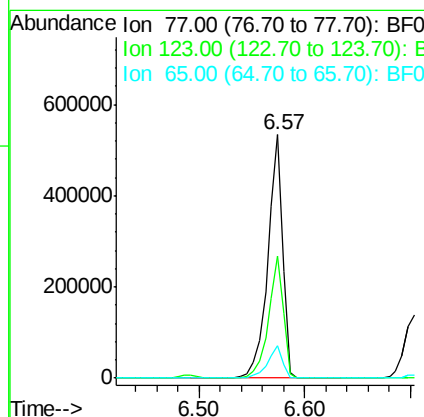
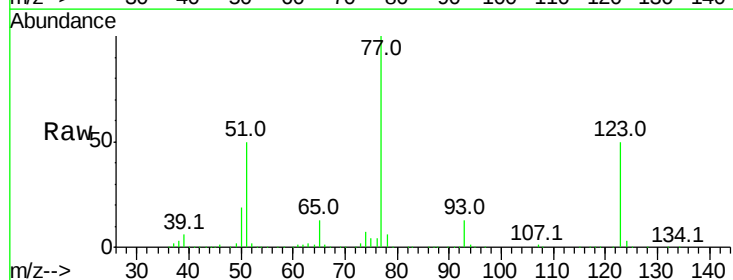
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	47.3	42.2	63.2

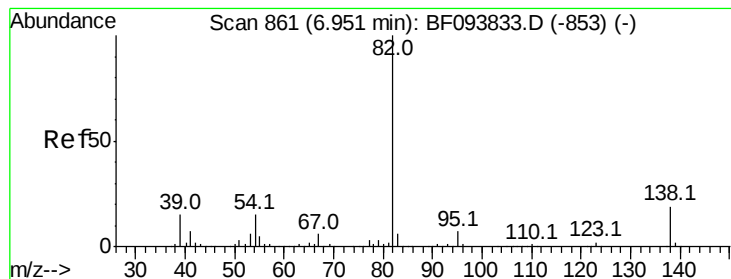


#24
 Nitrobenzene
 Concen: 43.67 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion: 77 Resp: 526038

Ion	Ratio	Lower	Upper
77	100		
123	50.4	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 43.89 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

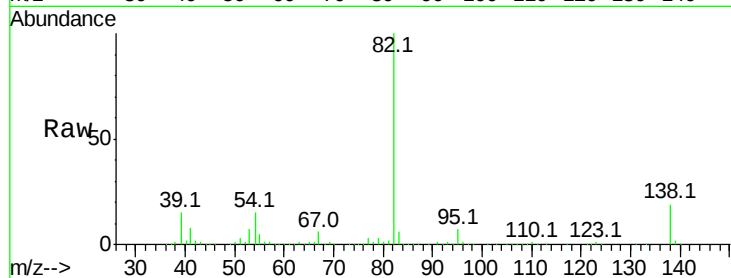
Tot Ion: 82 Resp: 941891

Ion Ratio Lower Upper

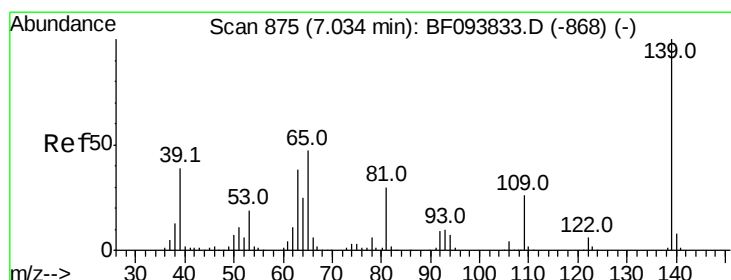
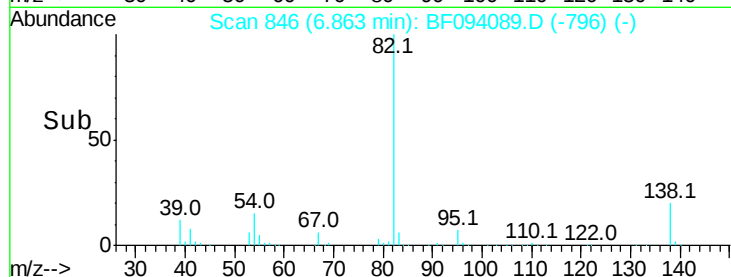
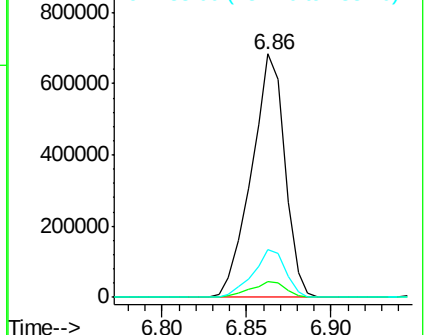
82 100

95 6.7 5.3 7.9

138 19.5 13.1 19.7



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



#26

2-Nitrophenol

Concen: 50.35 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

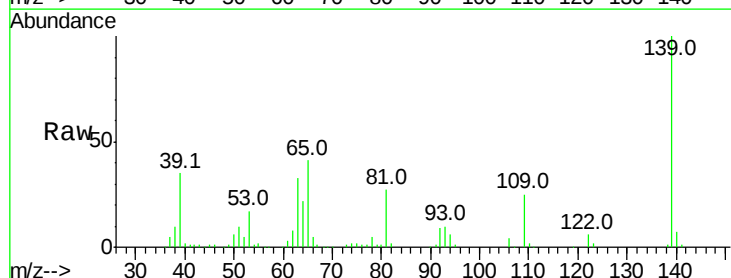
Tgt Ion: 139 Resp: 289260

Ion Ratio Lower Upper

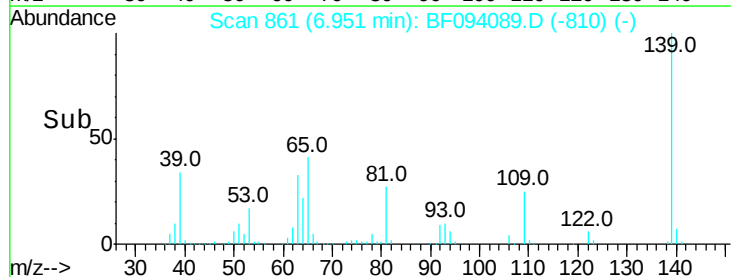
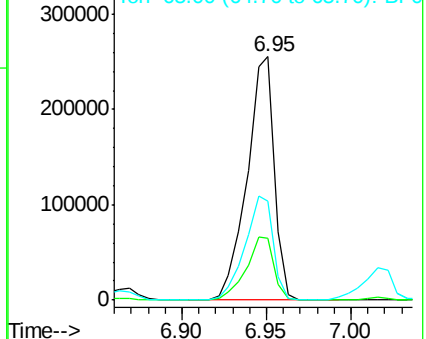
139 100

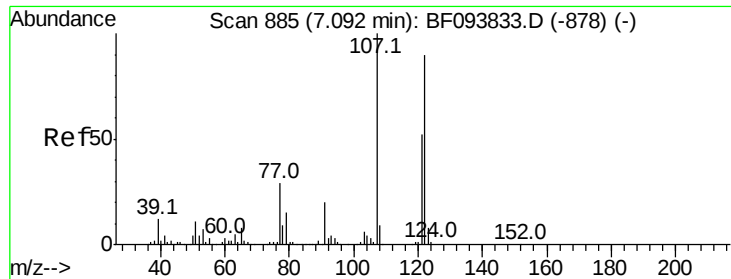
109 25.2 21.0 31.6

65 40.5 33.0 49.6



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

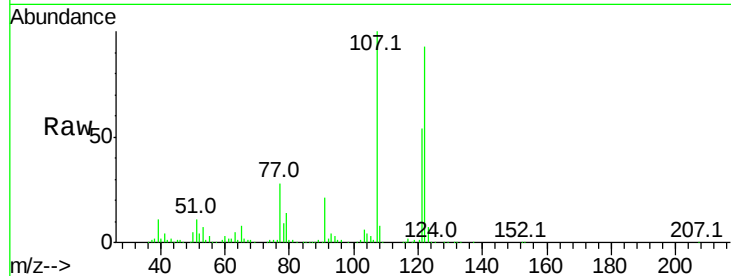




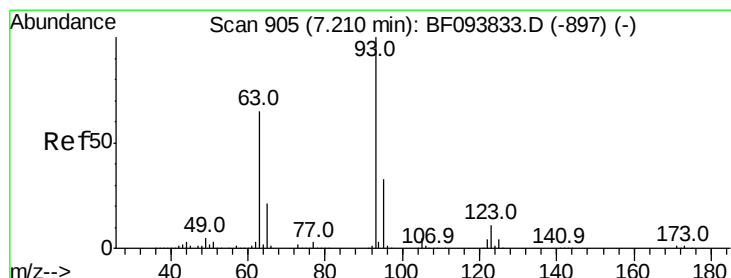
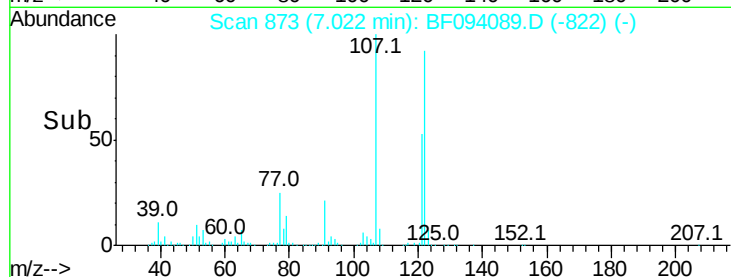
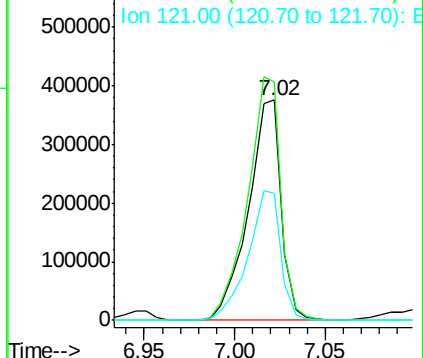
#27
 2,4-Dimethylphenol
 Concen: 48.01 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	89.2	133.8
121	58.0	45.2	67.8

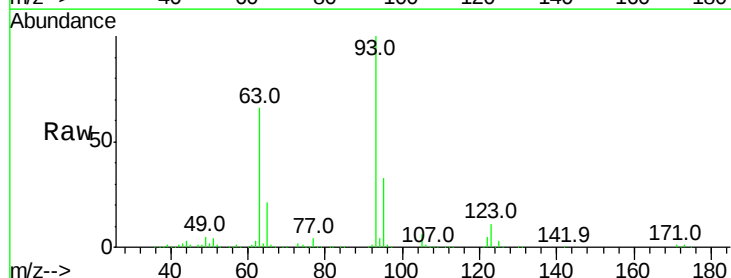


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

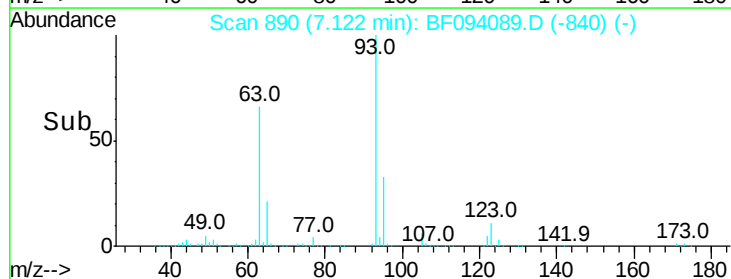
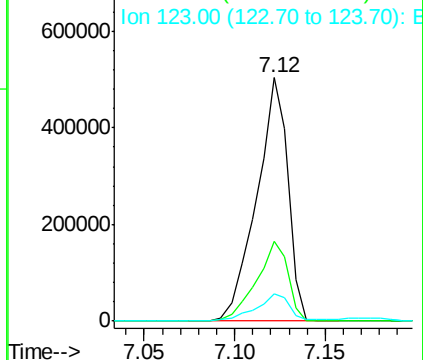


#28
 bis(2-Chloroethoxy)methane
 Concen: 42.49 ng
 RT: 7.12 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.3	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

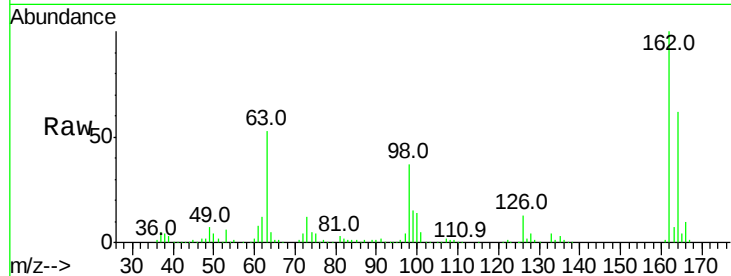




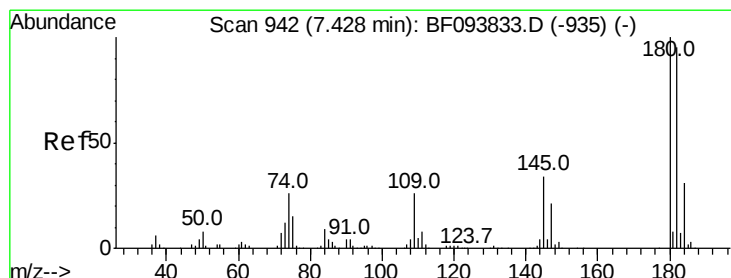
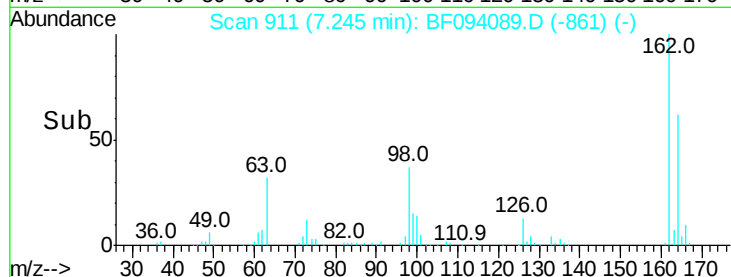
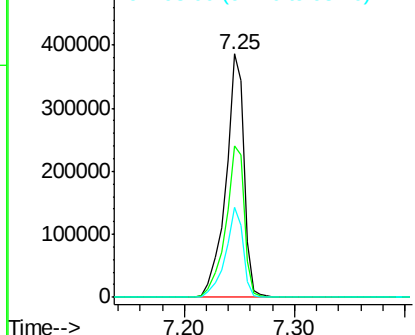
#29
 2,4-Dichlorophenol
 Concen: 47.97 ng
 RT: 7.25 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.6	84.6
98	37.1	14.8	54.8

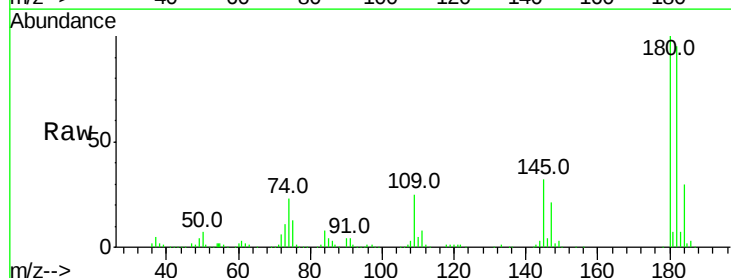


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

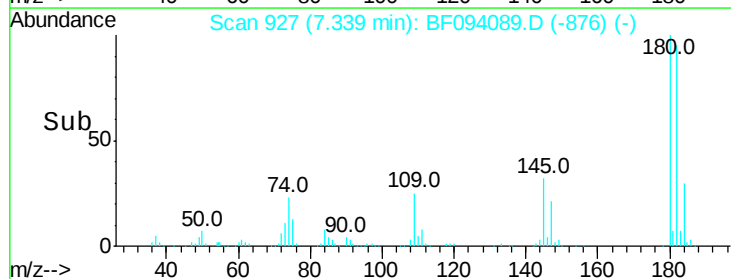
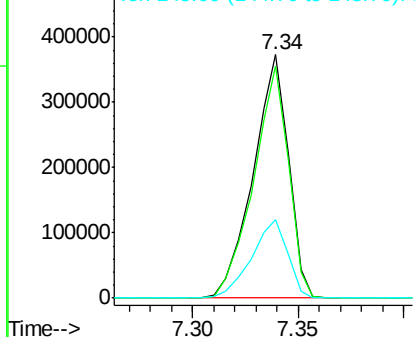


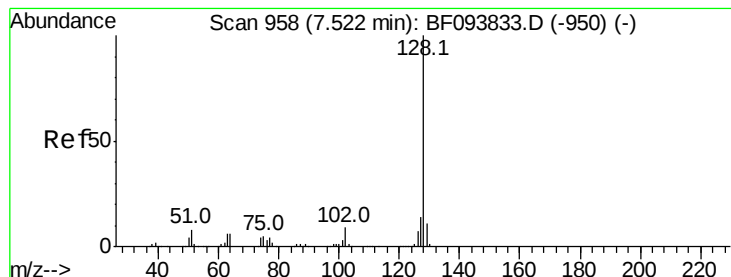
#30
 1,2,4-Trichlorobenzene
 Concen: 45.37 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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



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





#31

Naphthalene

Concen: 59.06 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

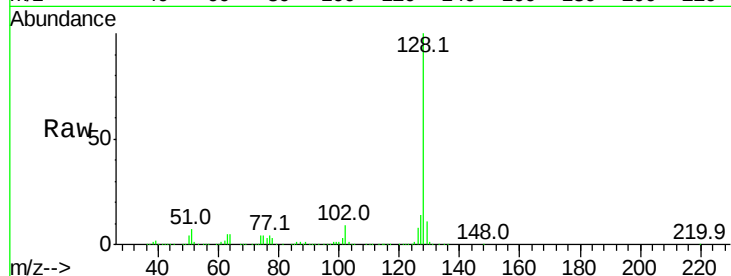
Tot Ion:128 Resp: 1979306

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

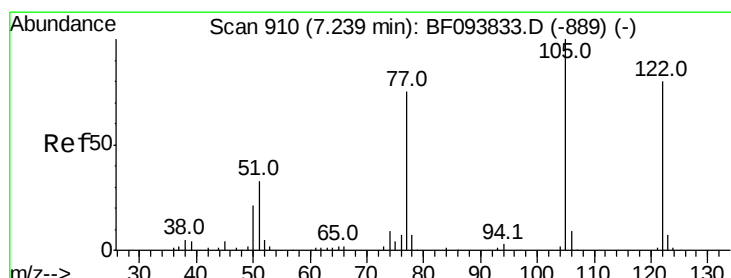
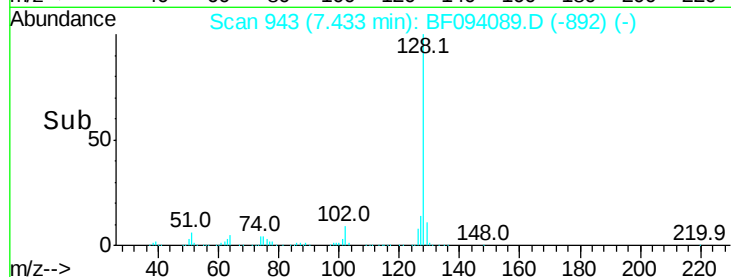
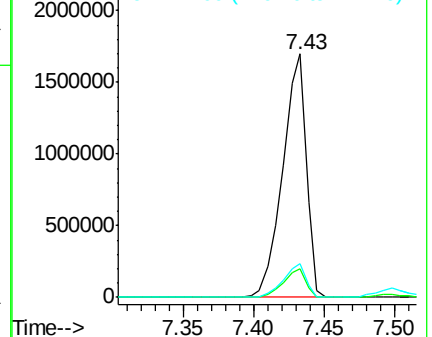
127 13.6 10.8 16.2



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: 39.12 ng

RT: 7.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

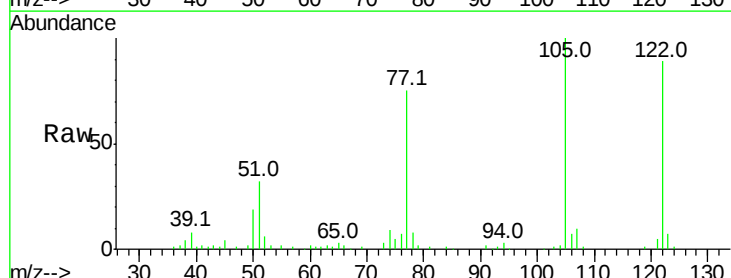
Tgt Ion:122 Resp: 257743

Ion Ratio Lower Upper

122 100

105 112.1 103.3 143.3

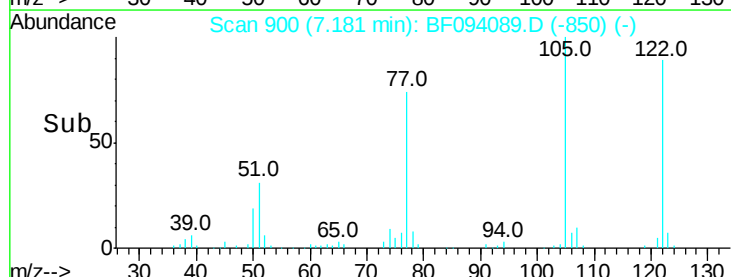
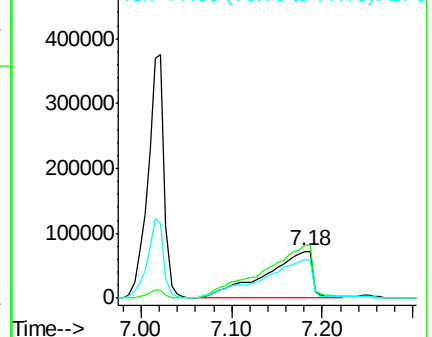
77 84.0 73.7 113.7

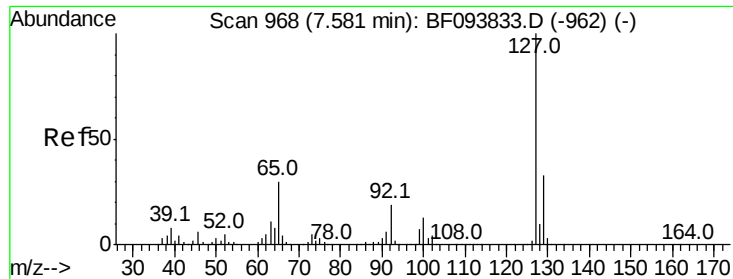


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

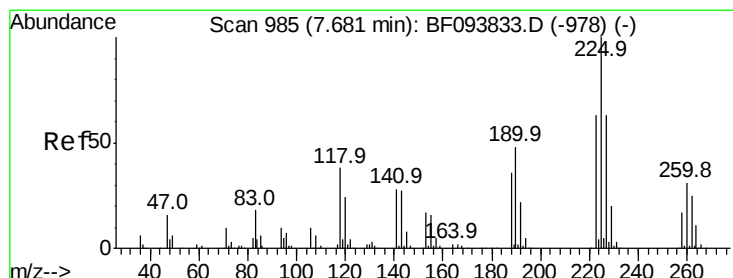
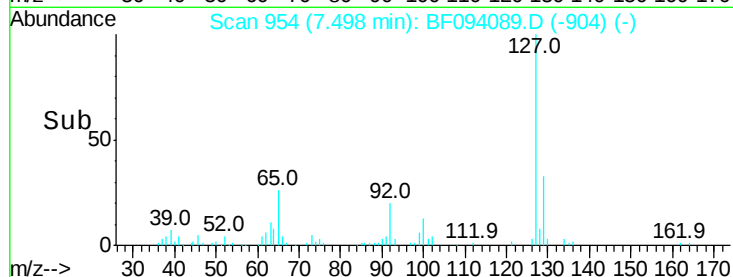
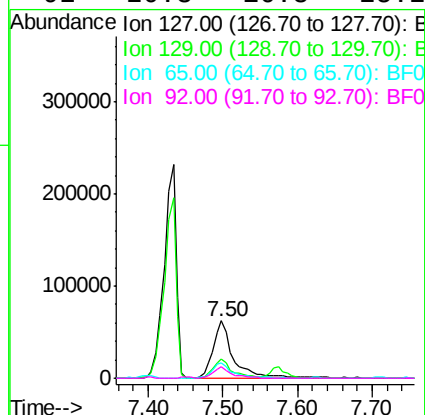
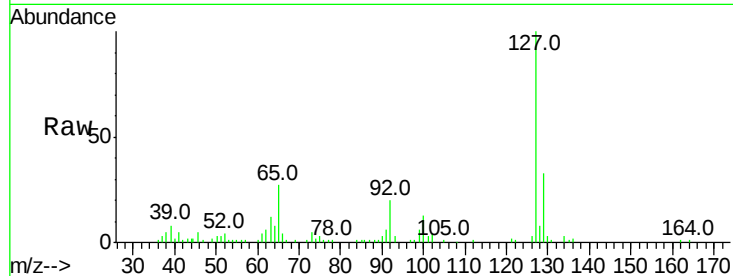




#33
4-Chloroaniline
Concen: 8.45 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

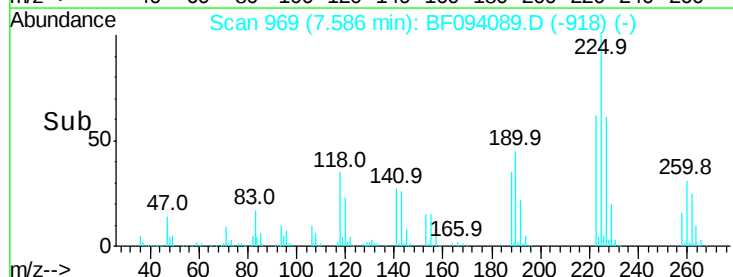
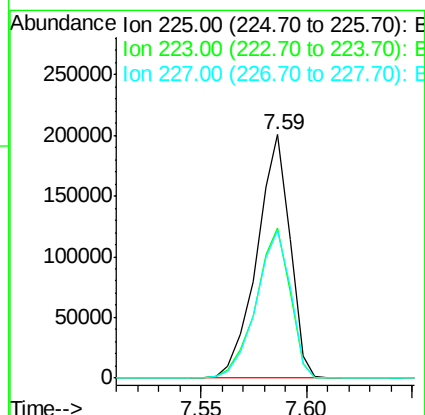
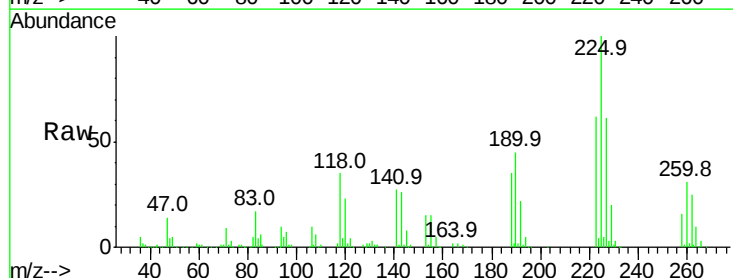
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

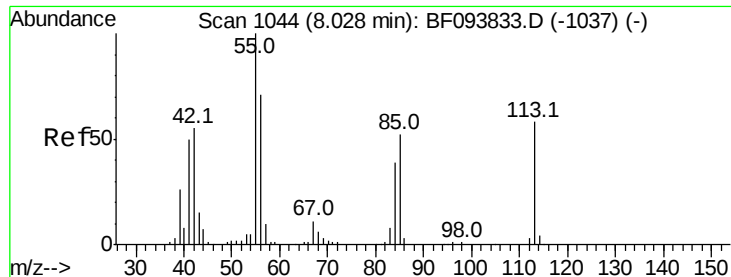
Tot Ion:	127	Resp:	114730
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	27.4	27.8	41.8#
92	20.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.65 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:	225	Resp:	218265
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	60.7	51.1	76.7

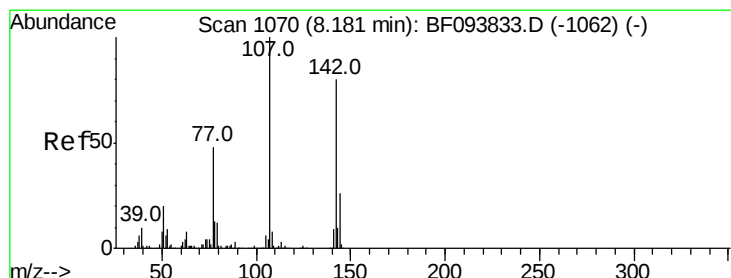
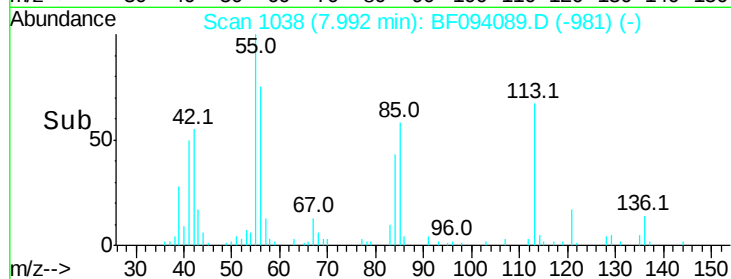
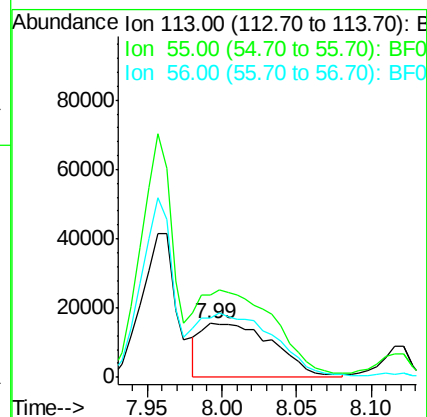
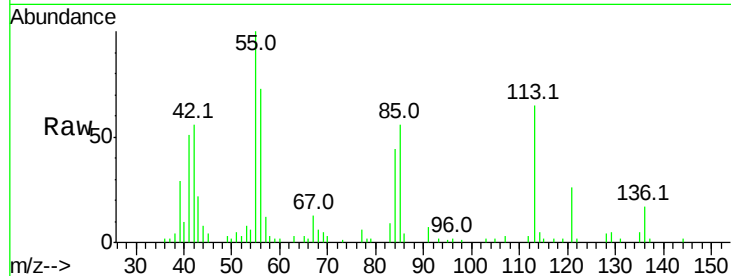




#35
 Caprolactam
 Concen: 17.77 ng
 RT: 7.99 min Scan# 1038
 Delta R.T. 0.04 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

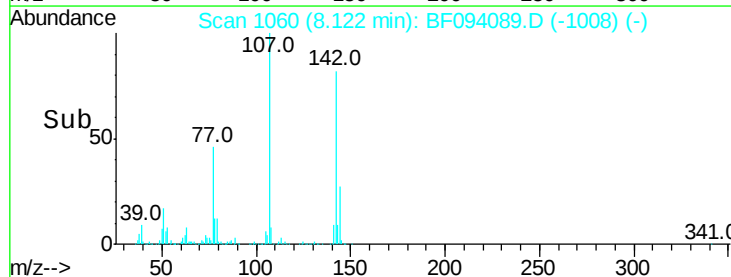
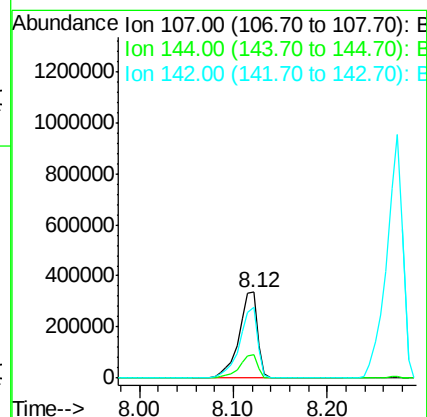
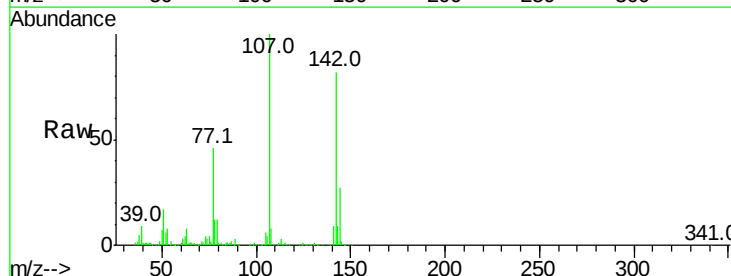
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

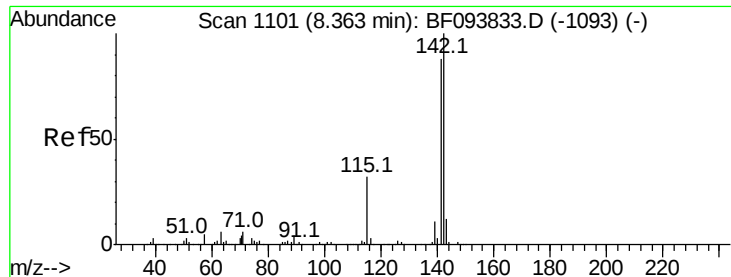
Tot Ion:113 Resp: 52457
 Ion Ratio Lower Upper
 113 100
 55 152.8 150.2 190.2
 56 110.9 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.84 ng
 RT: 8.12 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion:107 Resp: 462641
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 81.6 73.4 110.0





#37

2-Methylnaphthalene

Concen: 50.78 ng

RT: 8.27 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF094089.D

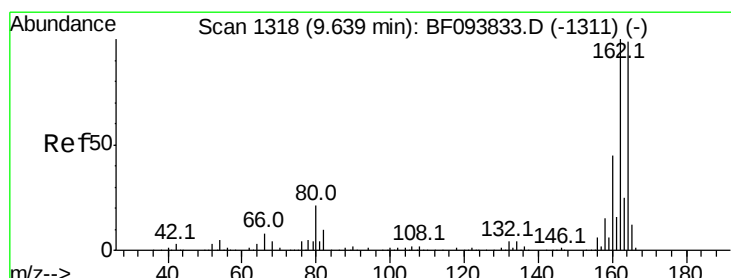
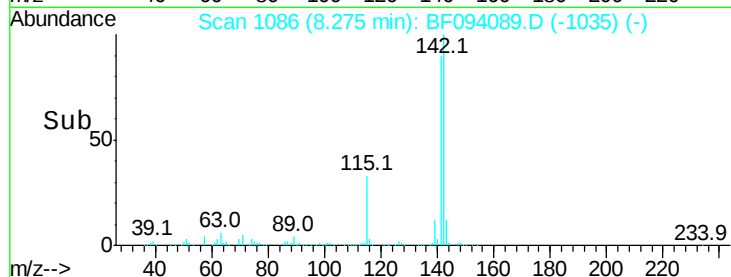
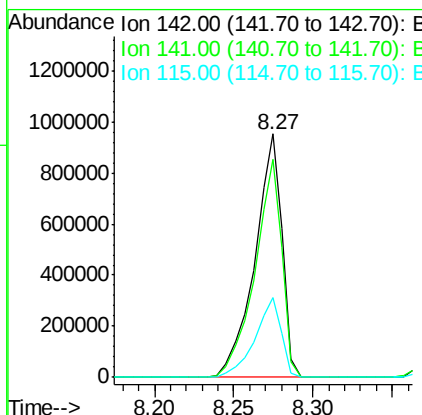
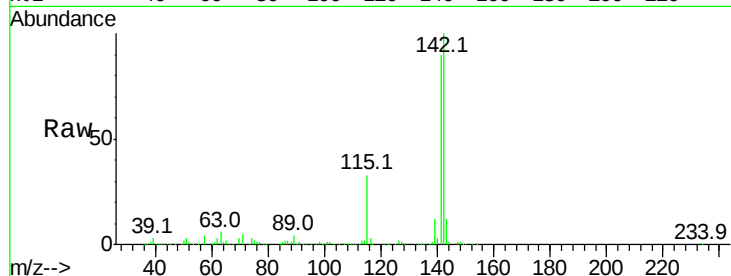
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F

ClientSampleId :
WC-B42-B51-001MS

Tot Ion:142 Resp: 1134544

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	32.6	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 1302

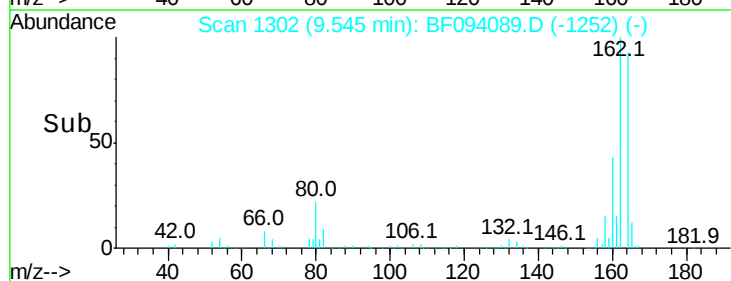
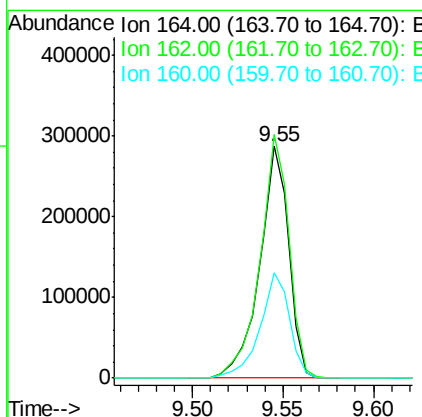
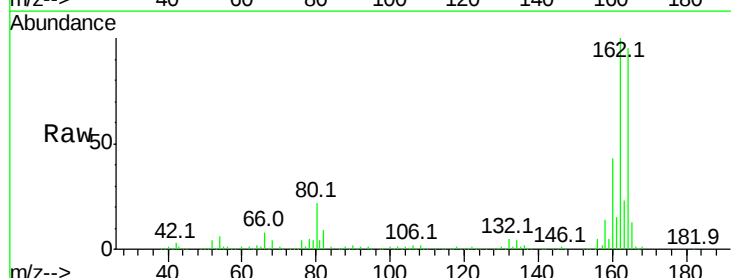
Delta R.T. -0.01 min

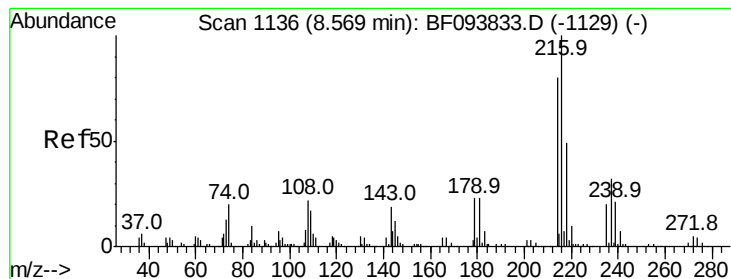
Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion:164 Resp: 319179

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	45.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.24 ng

RT: 8.48 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:216 Resp: 377551

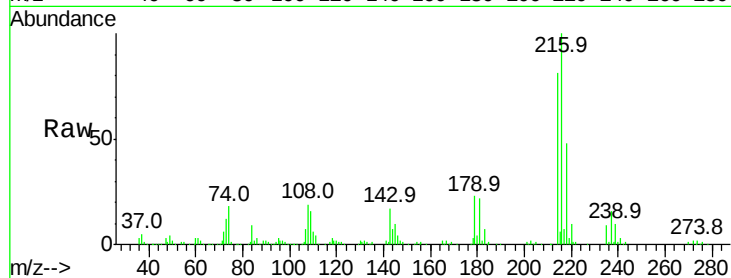
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 22.6 17.9 26.9

108 22.1 16.5 24.7

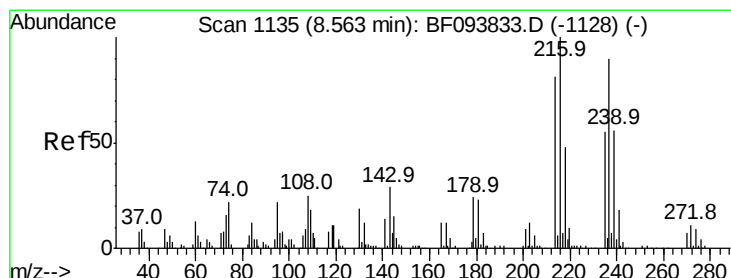
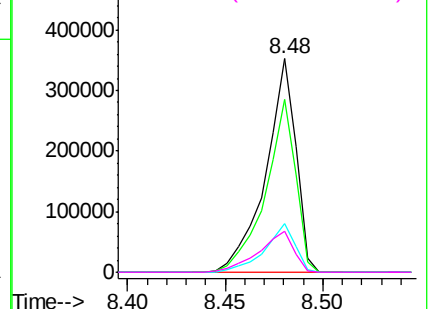
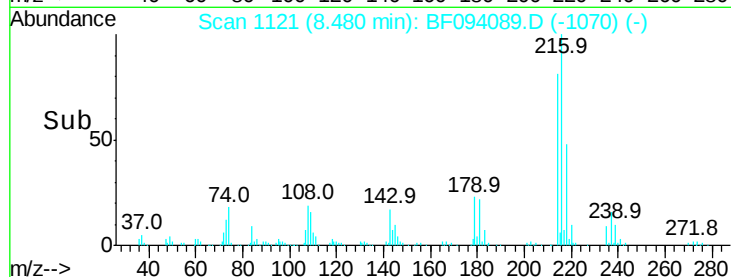


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.71 ng

RT: 8.47 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

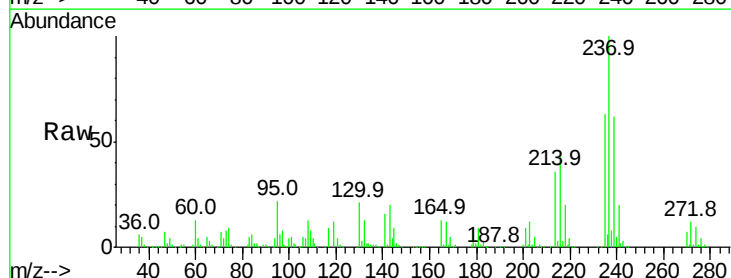
Tgt Ion:237 Resp: 333872

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

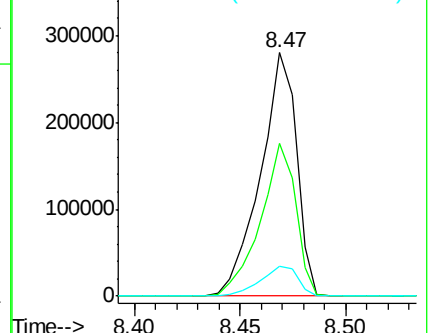
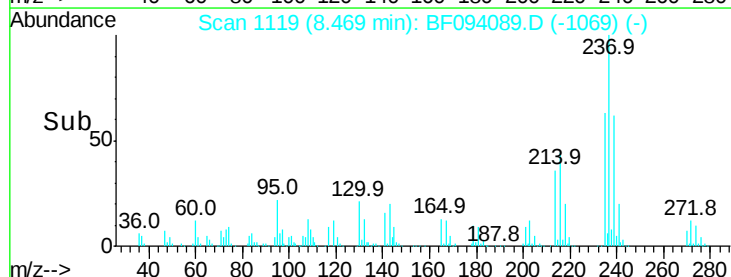
272 12.2 0.0 31.9

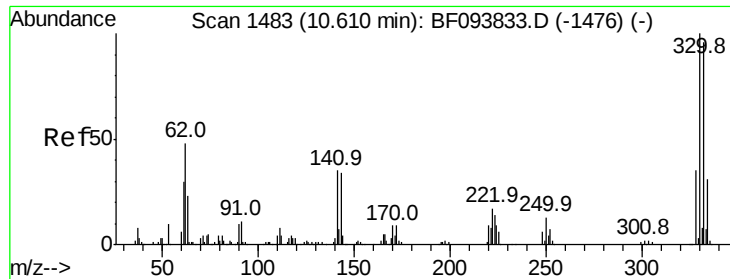


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

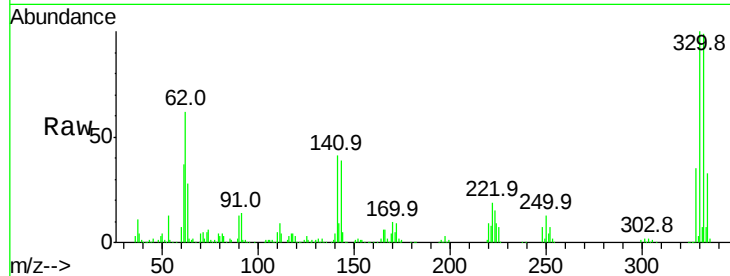




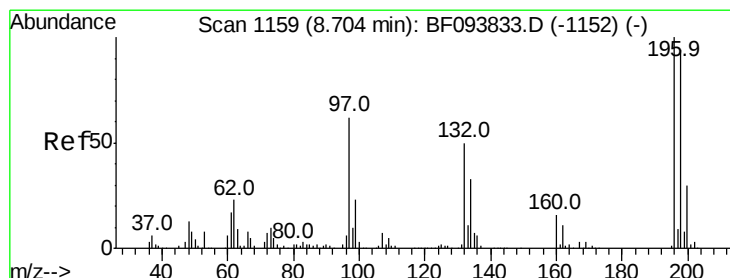
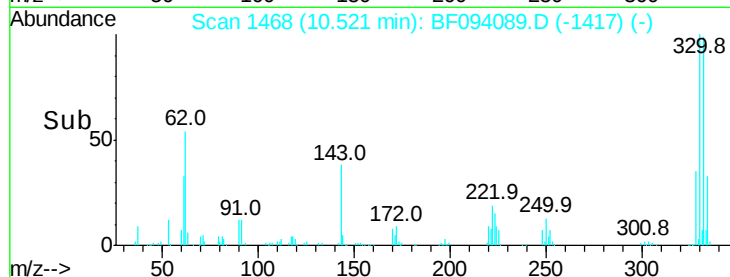
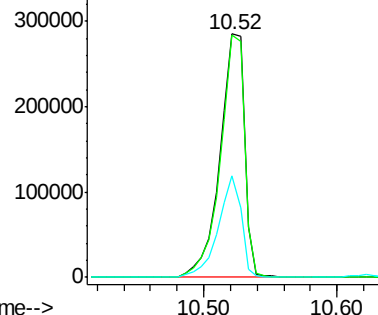
#41
 2,4,6-Tribromophenol
 Concen: 142.46 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.1	31.4	47.2

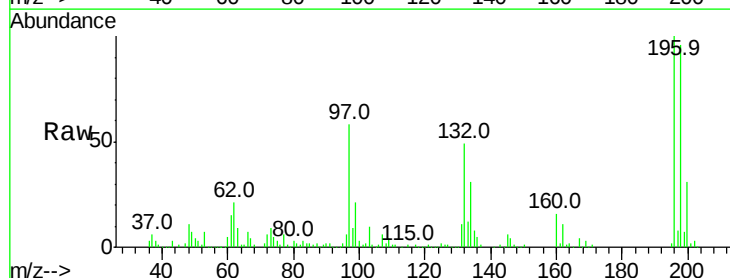


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

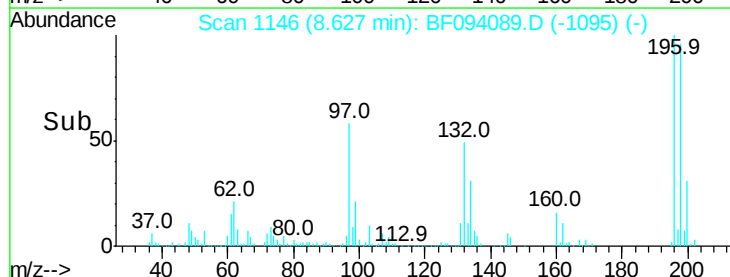
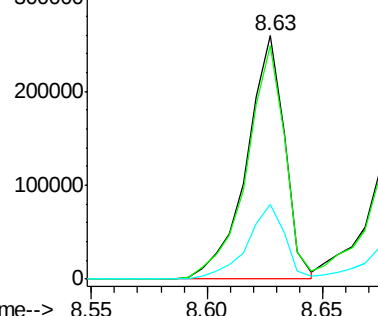


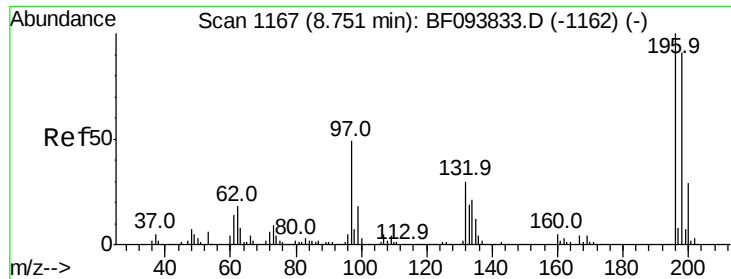
#42
 2,4,6-Trichlorophenol
 Concen: 47.93 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
200	30.6	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

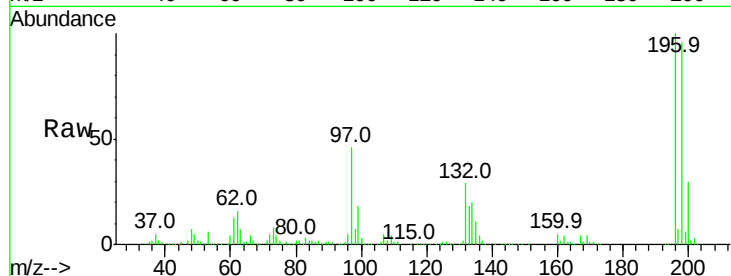




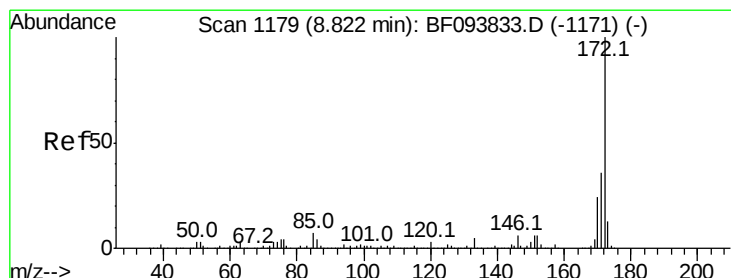
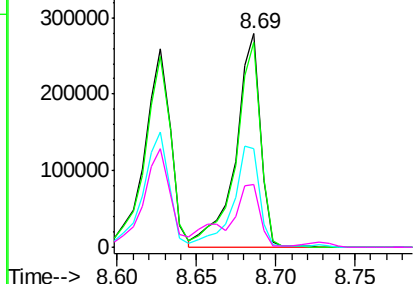
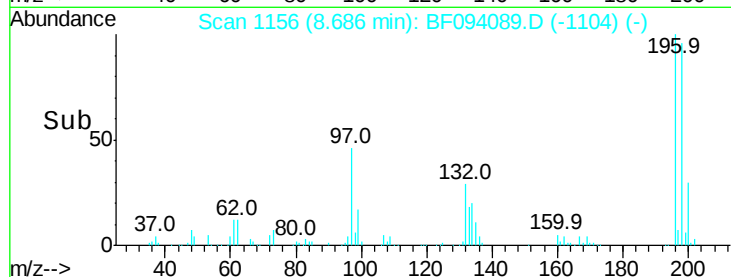
#43
 2,4,5-Trichlorophenol
 Concen: 45.46 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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

Tot Ion:196 Resp: 303856
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 97 46.3 47.7 71.5#
 132 29.5 28.0 42.0

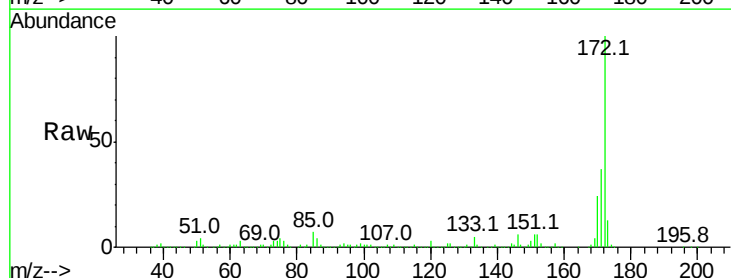


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

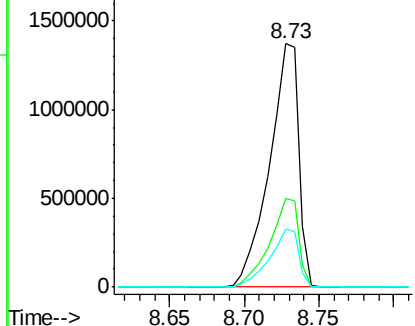
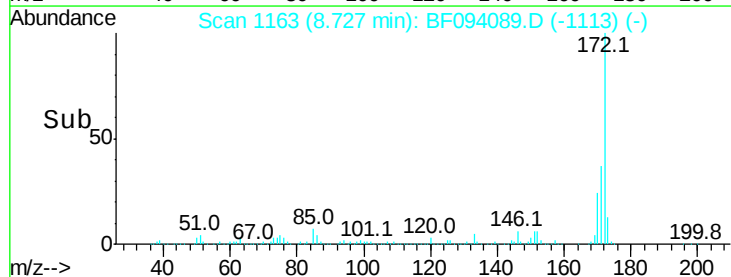


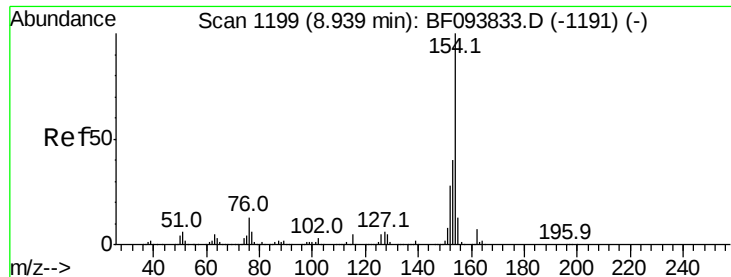
#44
 2-Fluorobiphenyl
 Concen: 89.96 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion:172 Resp: 1882481
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 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: 44.39 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

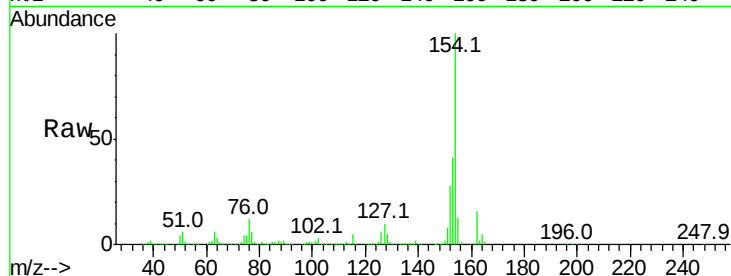
Tot Ion:154 Resp: 1142779

Ion Ratio Lower Upper

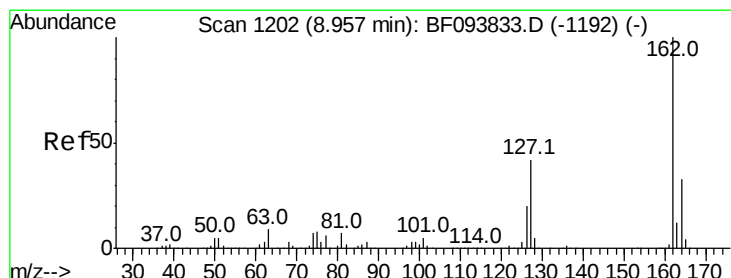
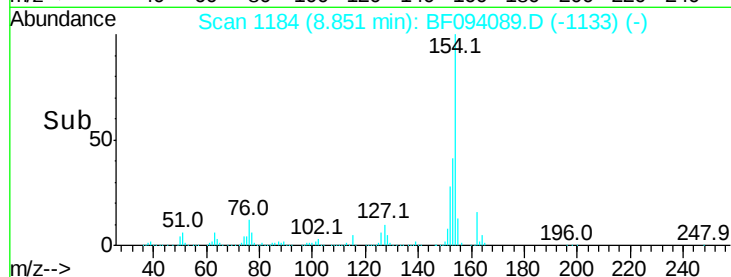
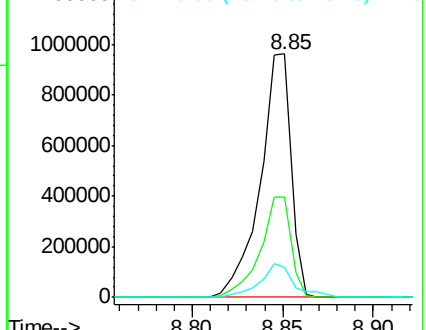
154 100

153 41.0 21.2 61.2

76 12.4 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 44.53 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

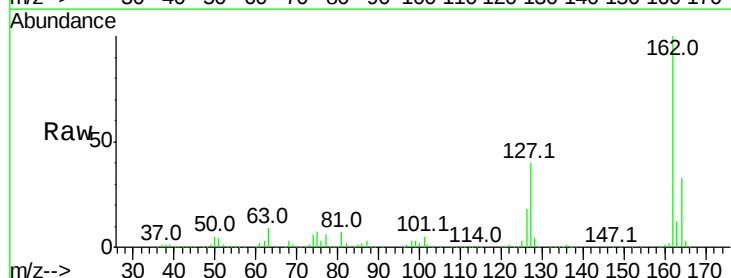
Tgt Ion:162 Resp: 897317

Ion Ratio Lower Upper

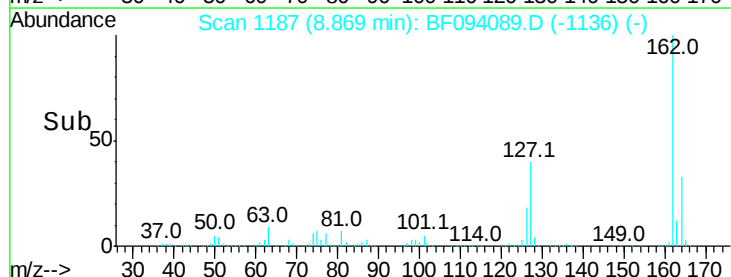
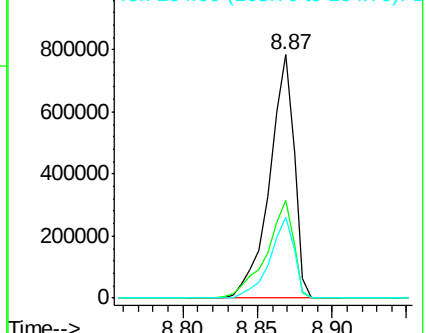
162 100

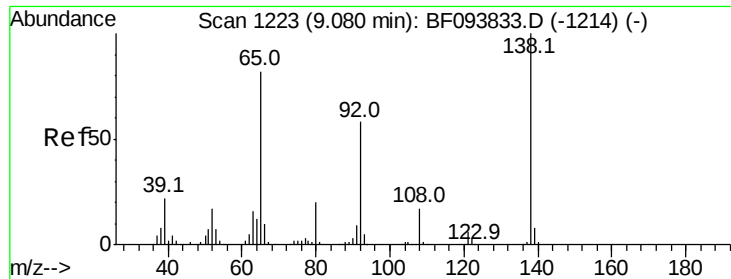
127 40.3 28.3 42.5

164 33.2 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: 44.68 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

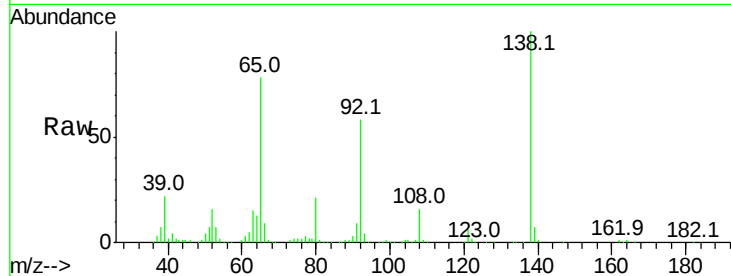
Tot Ion: 65 Resp: 267095

Ion Ratio Lower Upper

65 100

92 74.7 53.9 80.9

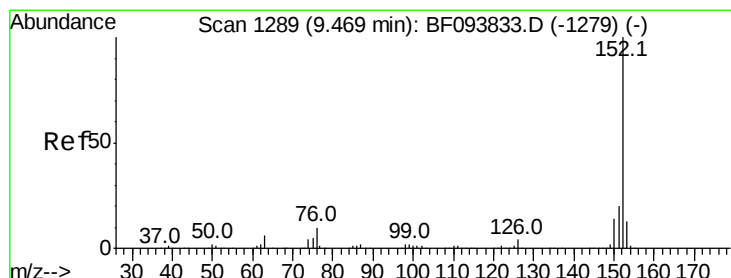
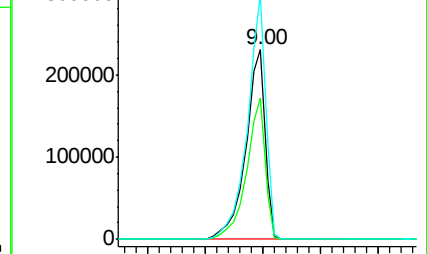
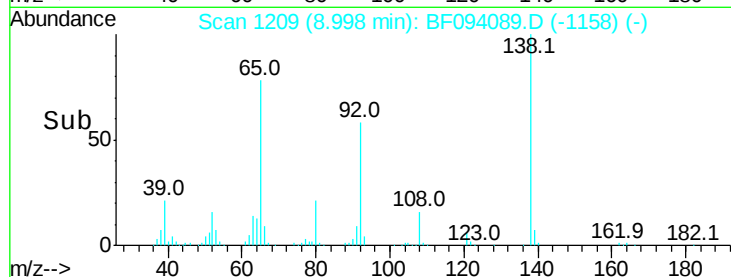
138 128.3 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.31 ng

RT: 9.37 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

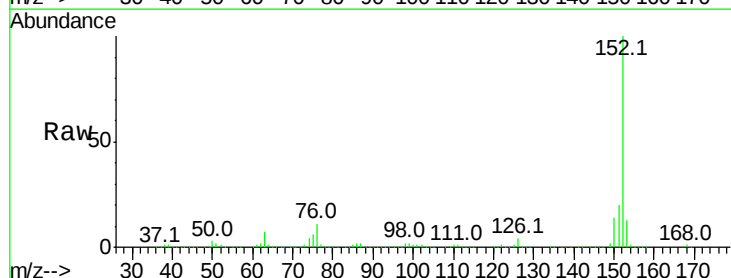
Tgt Ion: 152 Resp: 1416976

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

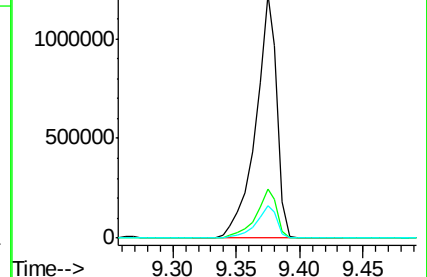
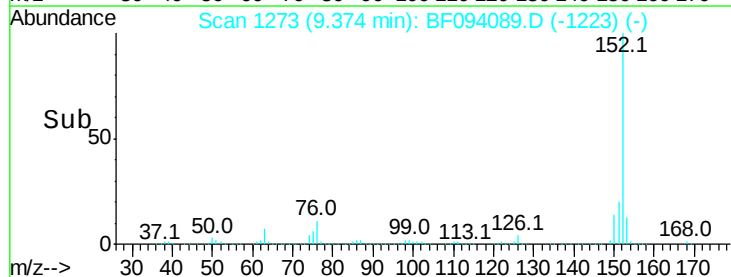
153 13.5 10.8 16.2

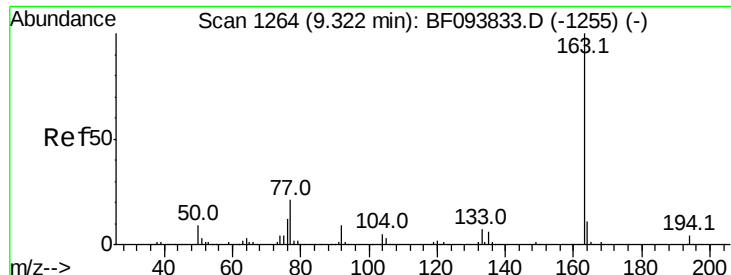


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

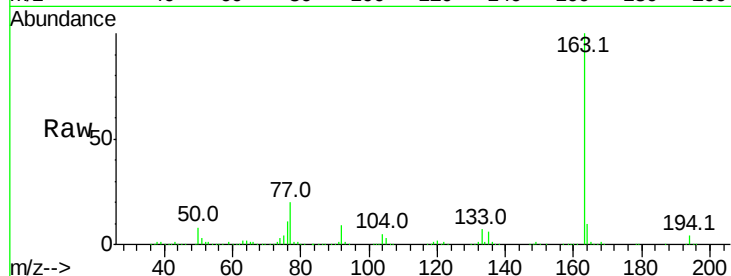




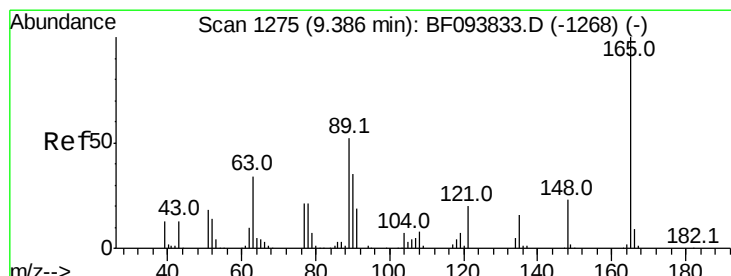
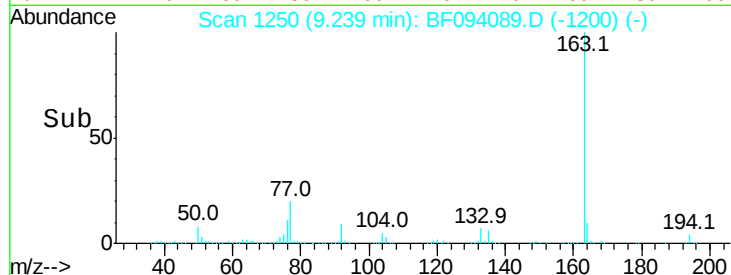
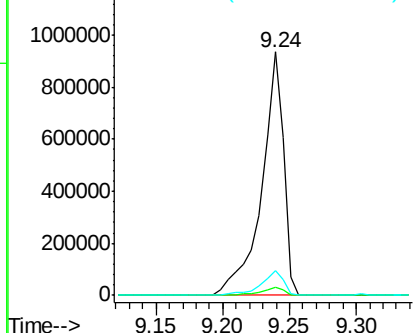
#49
Dimethylphthalate
Concen: 46.77 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

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

Tot Ion:163 Resp: 1061243
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.4 12.6

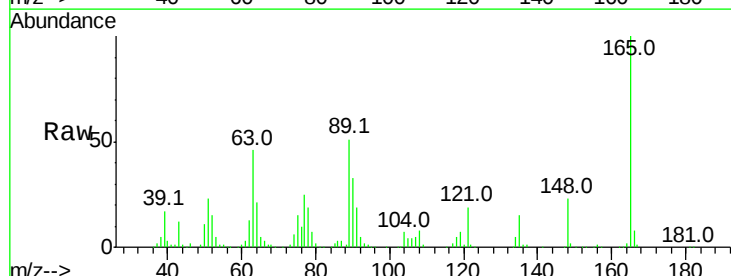


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

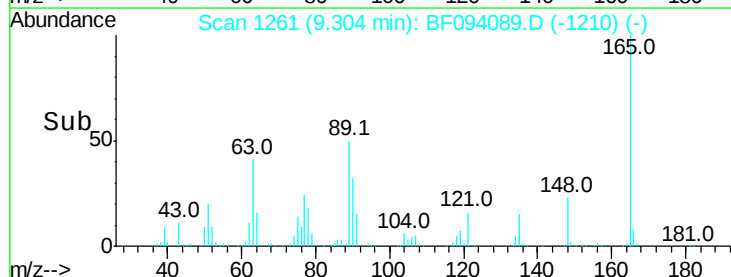
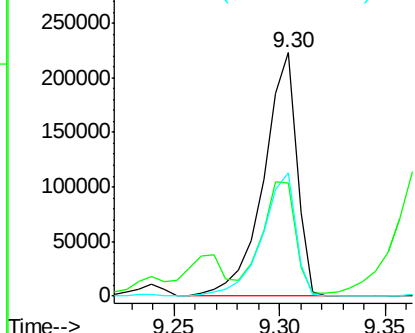


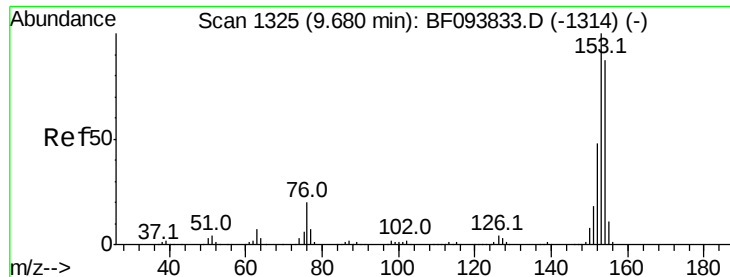
#50
2,6-Dinitrotoluene
Concen: 46.96 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:165 Resp: 244263
Ion Ratio Lower Upper
165 100
63 46.4 34.3 51.5
89 50.6 37.1 55.7



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





#51

Acenaphthene

Concen: 44.42 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

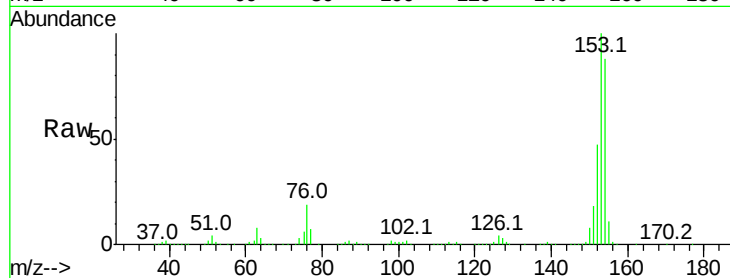
Tot Ion:154 Resp: 868131

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

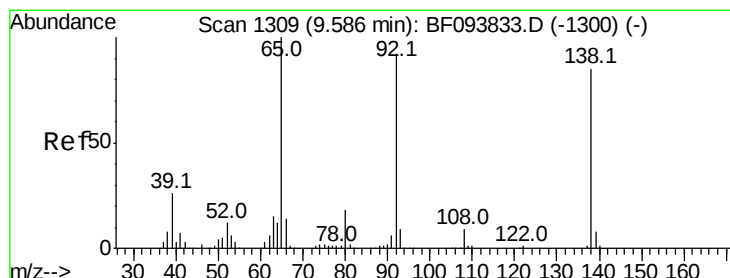
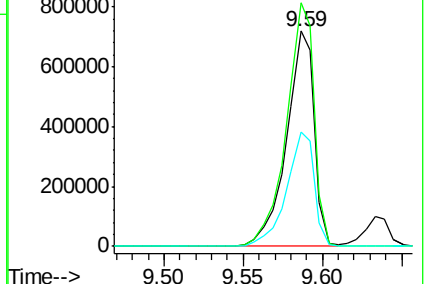
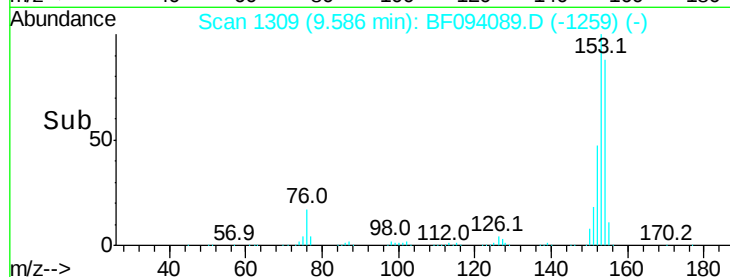
152 53.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.67 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

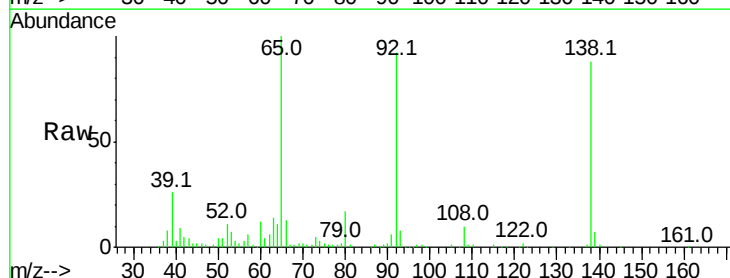
Tgt Ion:138 Resp: 89576

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

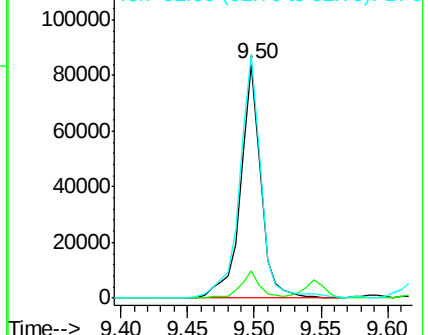
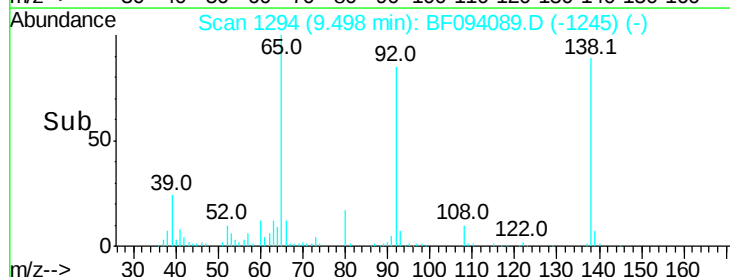
92 104.1 93.8 140.6

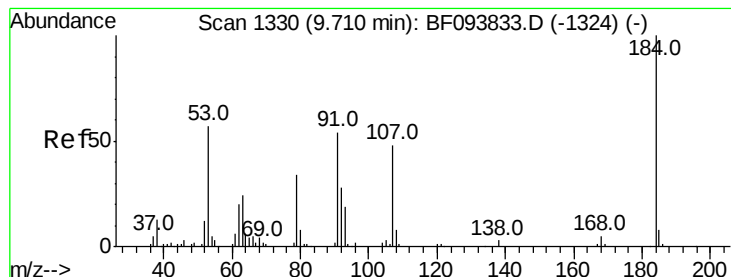


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 65.21 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

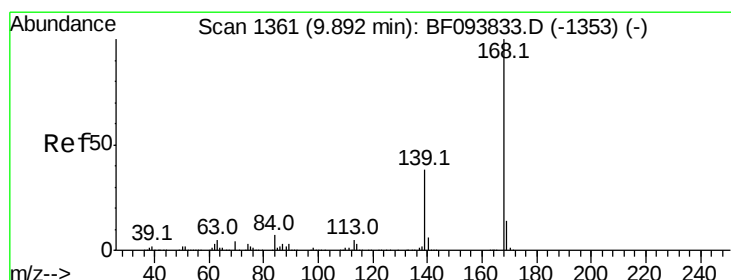
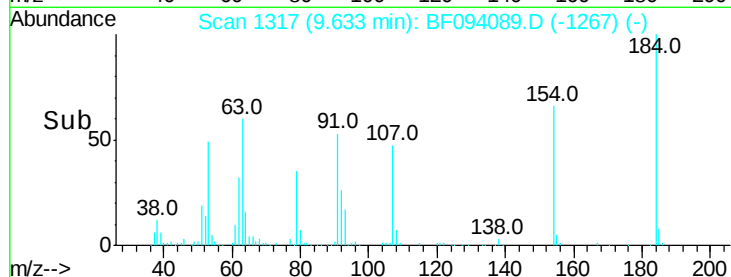
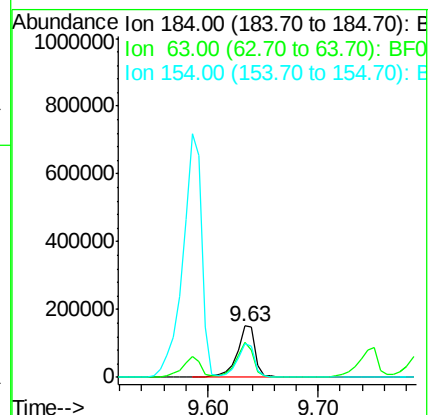
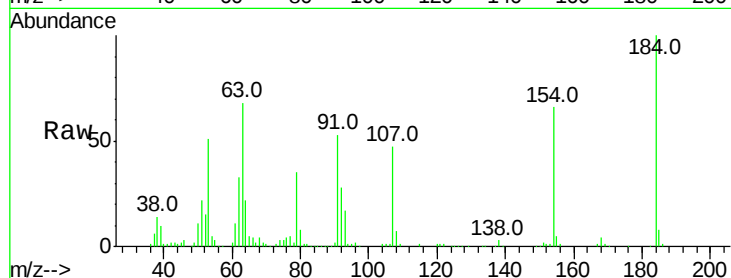
Tot Ion:184 Resp: 178946

Ion Ratio Lower Upper

184 100

63 68.5 62.7 94.1

154 65.5 81.1 121.7#



#54

Dibenzofuran

Concen: 46.97 ng

RT: 9.80 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

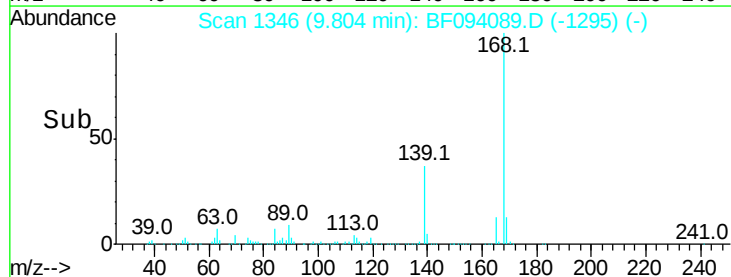
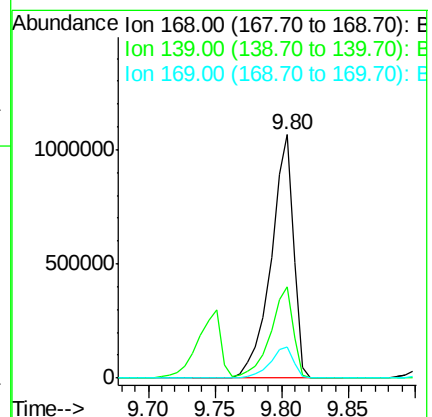
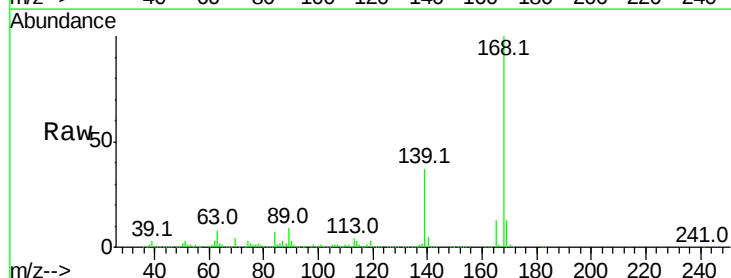
Tgt Ion:168 Resp: 1249480

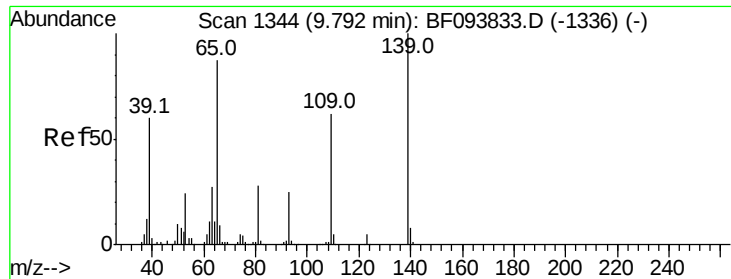
Ion Ratio Lower Upper

168 100

139 37.4 30.6 45.8

169 12.8 10.8 16.2

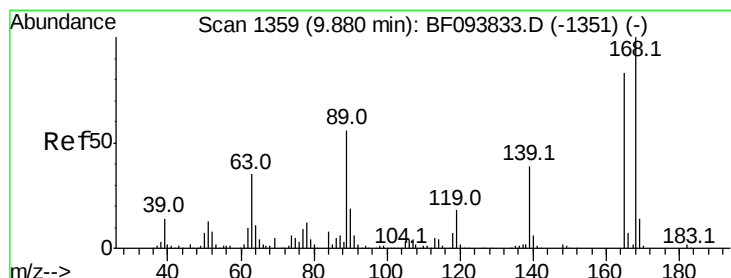
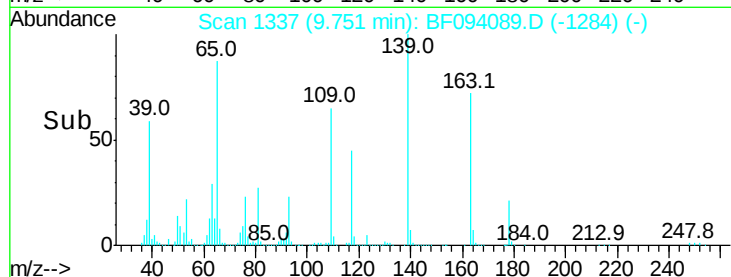
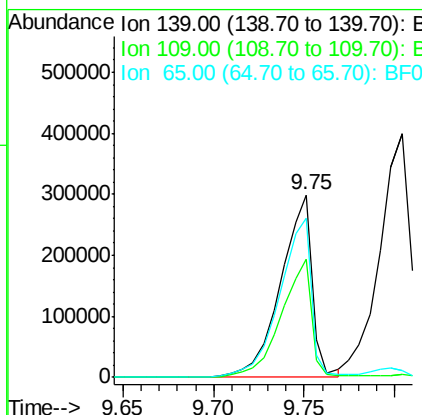
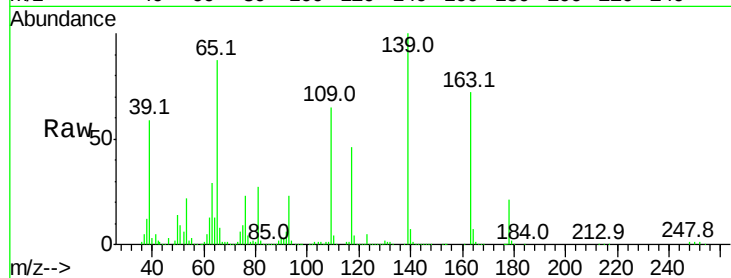




#55
4-Nitrophenol
Concen: 76.04 ng
RT: 9.75 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

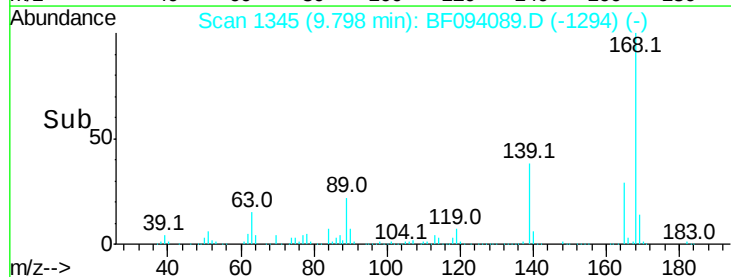
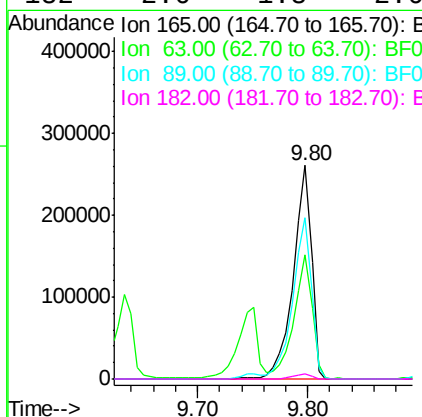
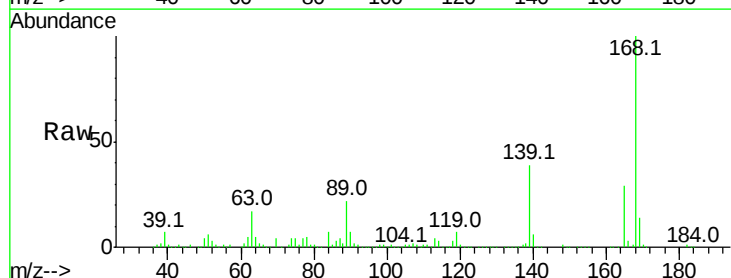
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

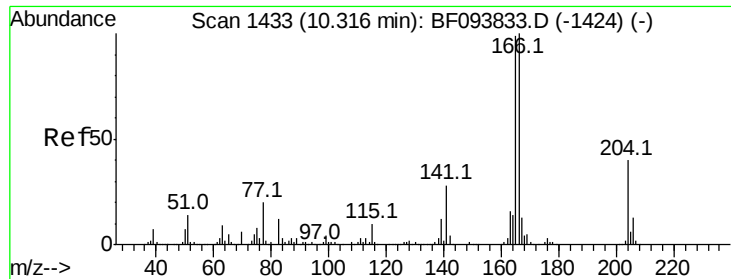
Tot Ion:139 Resp: 363693
Ion Ratio Lower Upper
139 100
109 64.9 34.1 74.1
65 86.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.77 ng
RT: 9.80 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:165 Resp: 292512
Ion Ratio Lower Upper
165 100
63 57.9 25.4 38.0#
89 75.6 46.4 69.6#
182 2.6 1.8 2.6

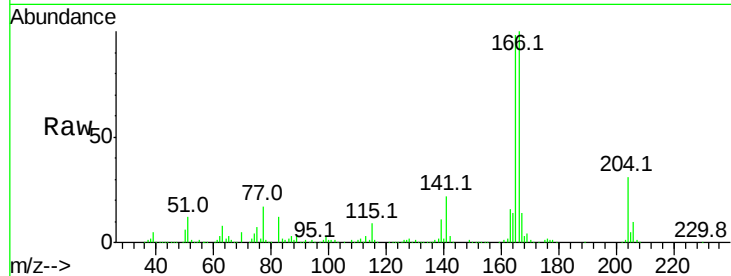




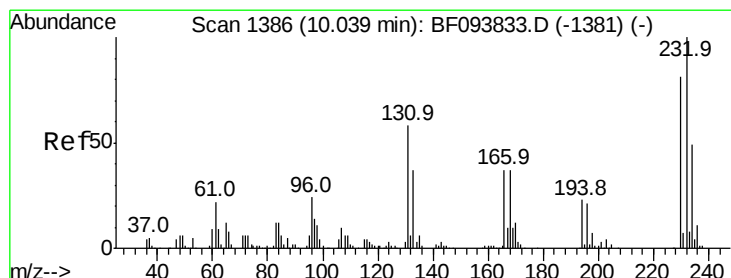
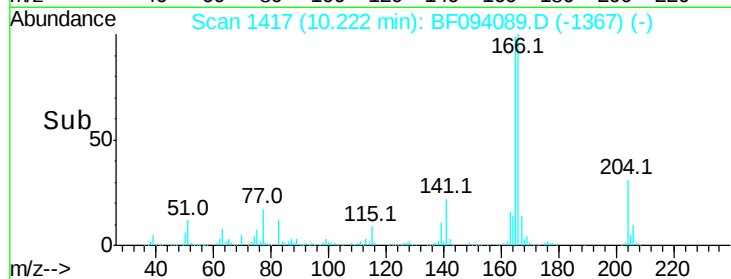
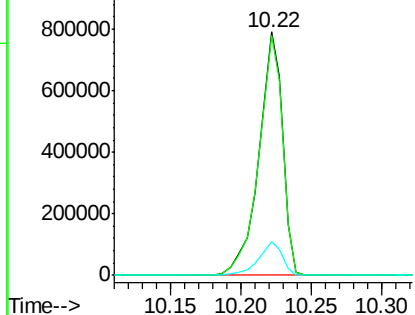
#57
Fluorene
 Concen: 42.52 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.7	10.6	16.0



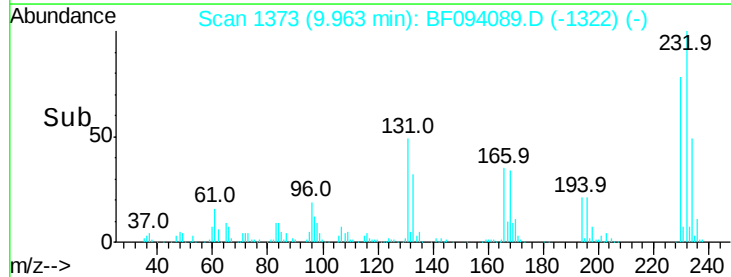
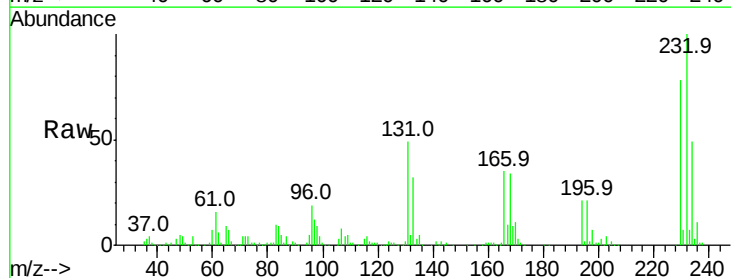
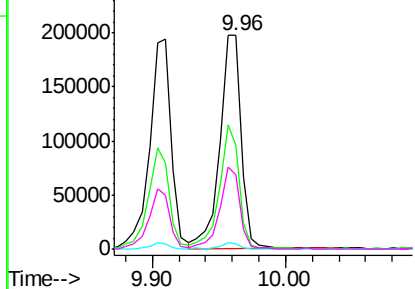
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

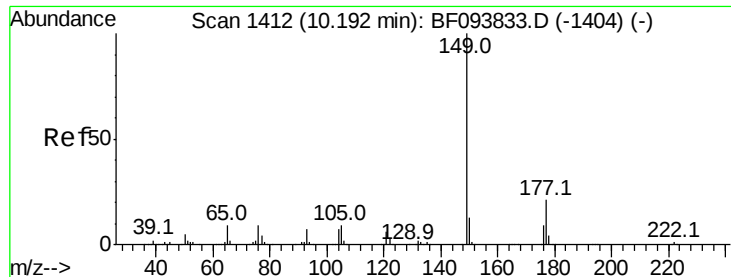


#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.07 ng
 RT: 9.96 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.0	44.8	67.2
130	2.8	2.3	3.5
166	35.6	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

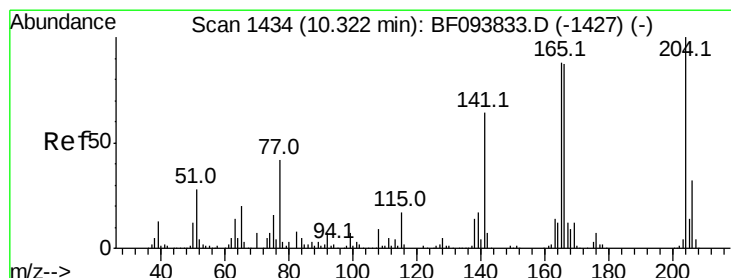
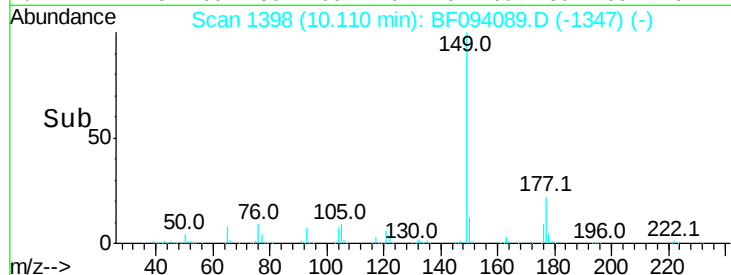
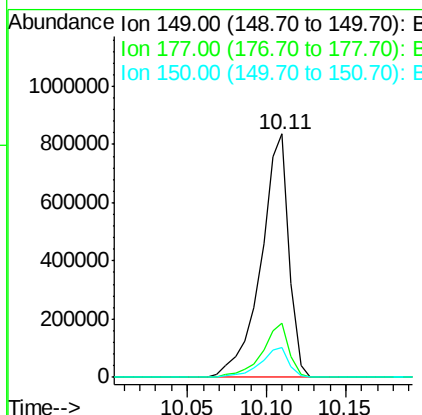
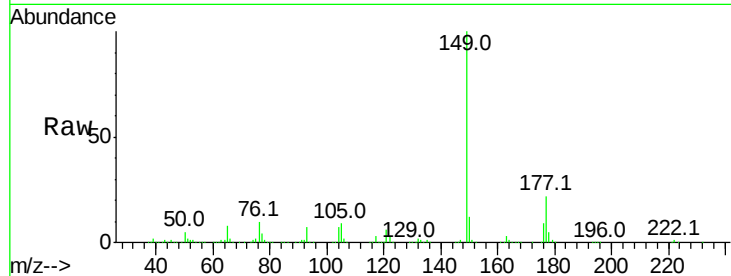




#59
Diethylphthalate
Concen: 45.77 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

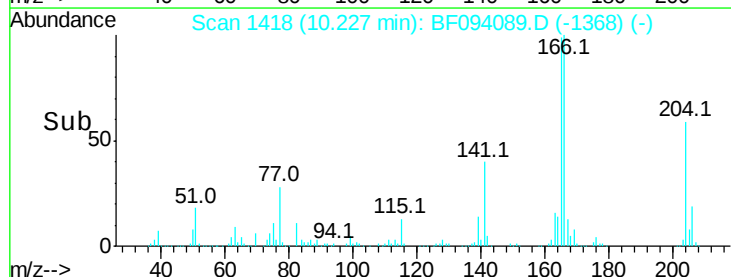
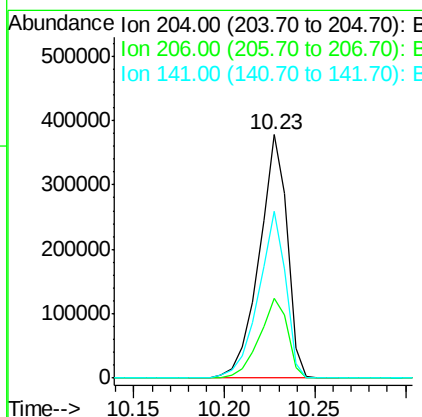
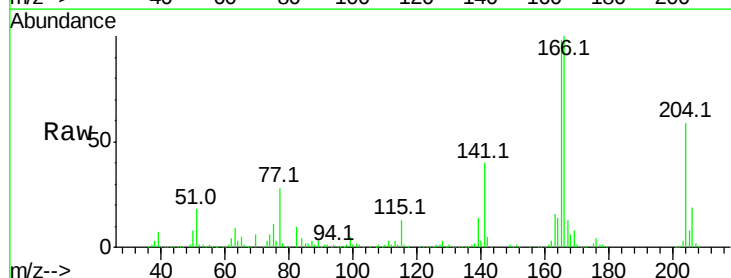
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

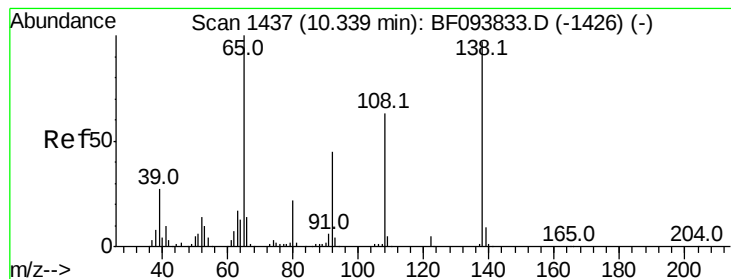
Tot Ion:149 Resp: 1026304
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.01 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:204 Resp: 404241
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 68.6 60.8 91.2





#61

4-Nitroaniline

Concen: 33.95 ng

RT: 10.26 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

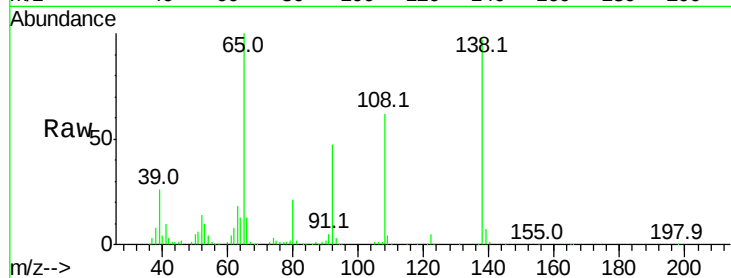
Tot Ion:138 Resp: 199000

Ion Ratio Lower Upper

138 100

92 48.4 21.8 61.8

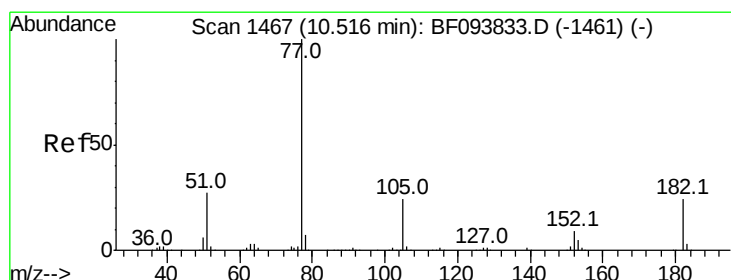
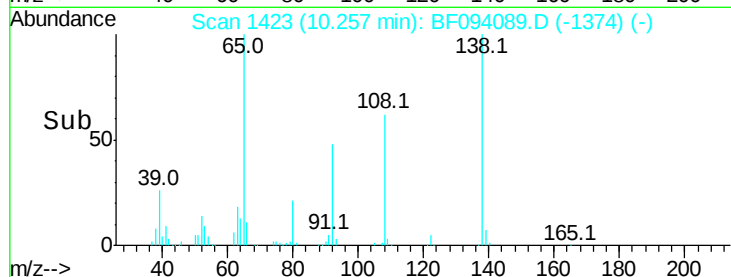
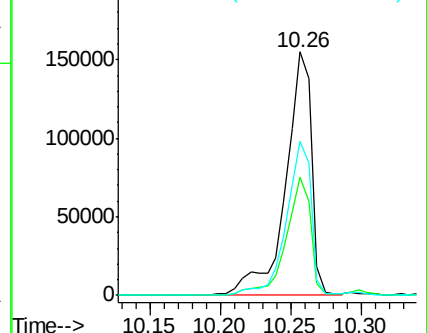
108 63.5 42.3 82.3



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: 45.95 ng

RT: 10.42 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion: 77 Resp: 974830

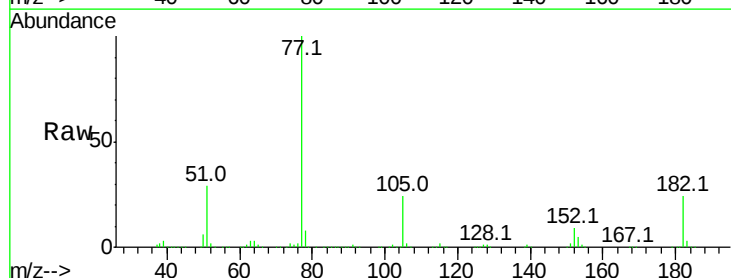
Ion Ratio Lower Upper

77 100

182 24.1 0.1 40.1

105 24.1 3.6 43.6

51 28.6 9.4 49.4

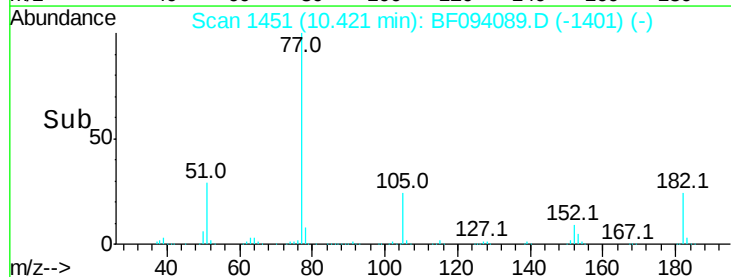
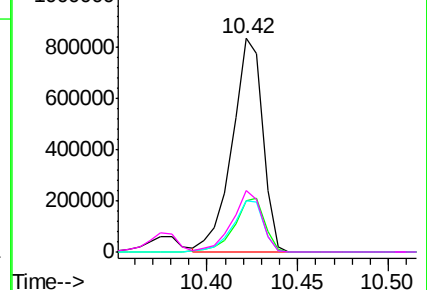


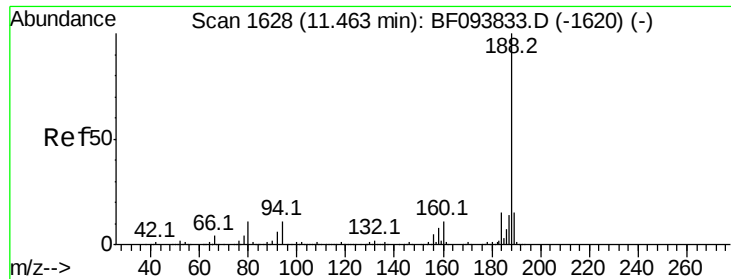
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

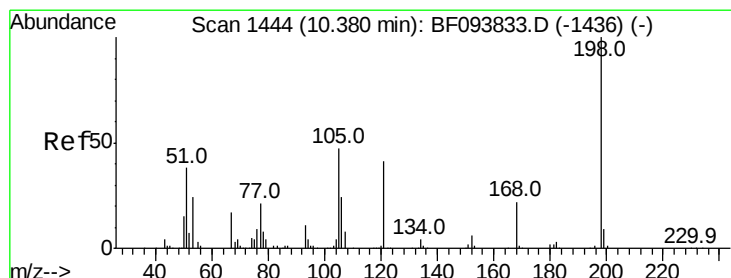
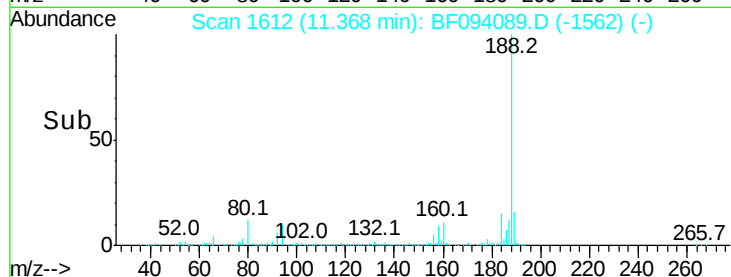
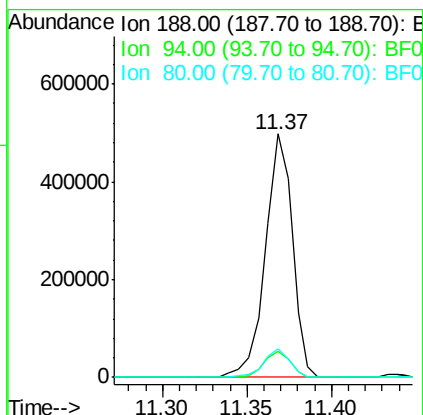
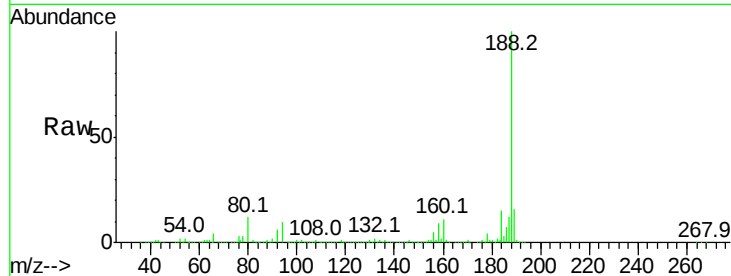




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

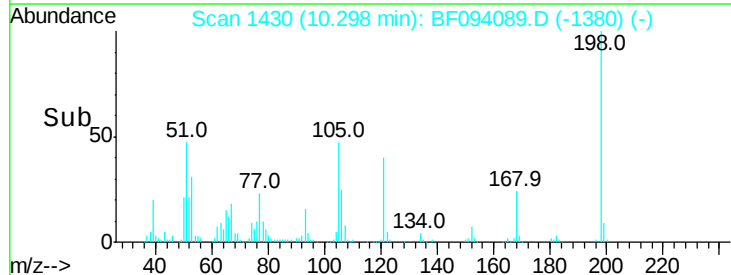
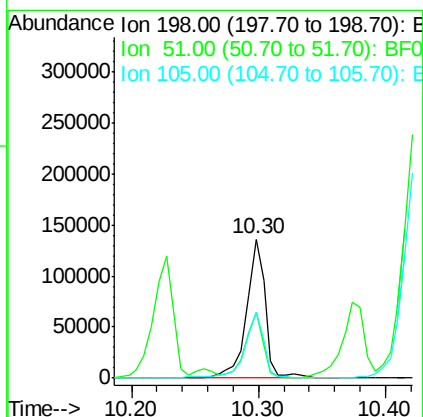
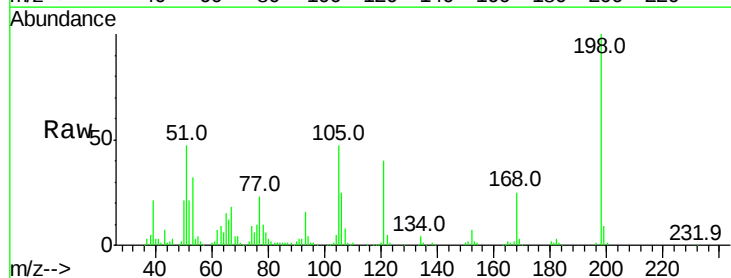
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

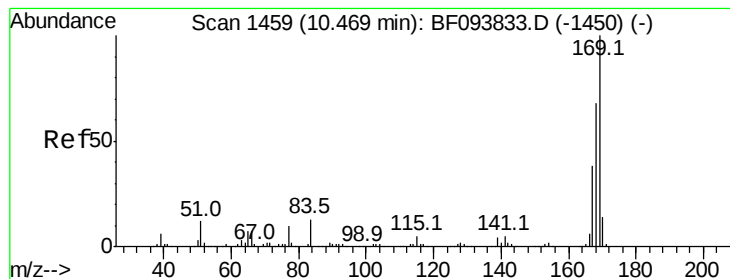
Tot Ion:188 Resp: 551906
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.41 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:198 Resp: 139974
Ion Ratio Lower Upper
198 100
51 47.4 53.2 93.2#
105 47.1 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 36.48 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

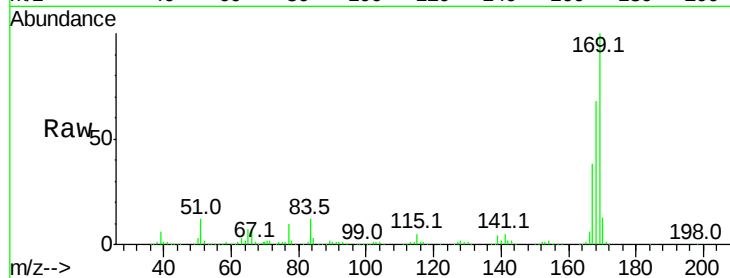
Tot Ion:169 Resp: 696203

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

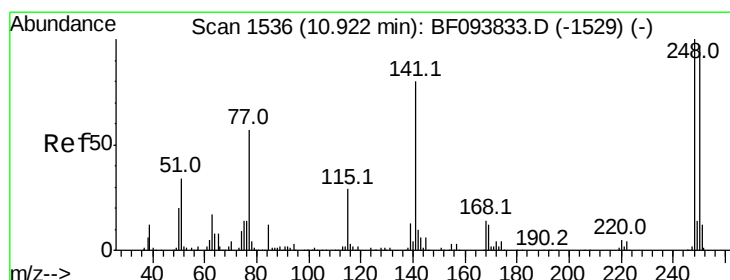
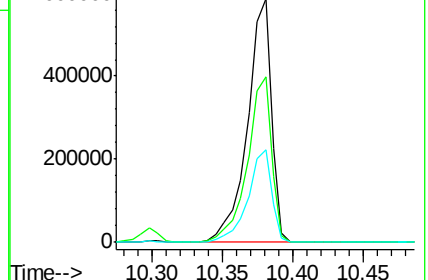
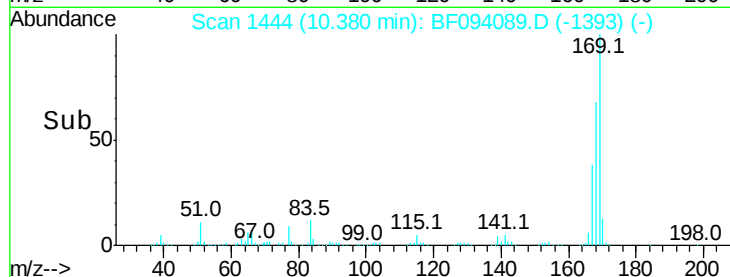
167 38.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.95 ng

RT: 10.83 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

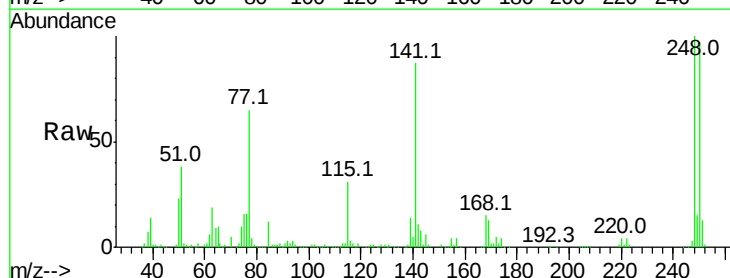
Tgt Ion:248 Resp: 254821

Ion Ratio Lower Upper

248 100

250 97.4 76.8 115.2

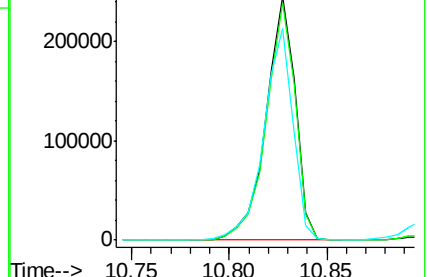
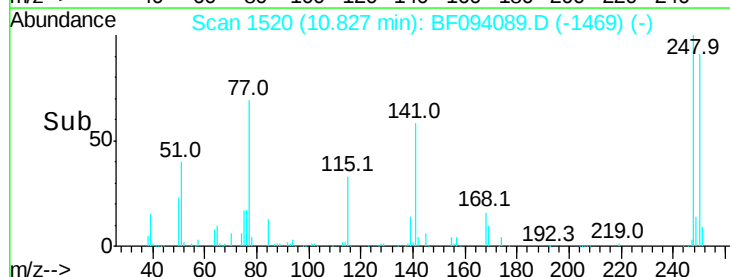
141 87.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.06 ng

RT: 10.90 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

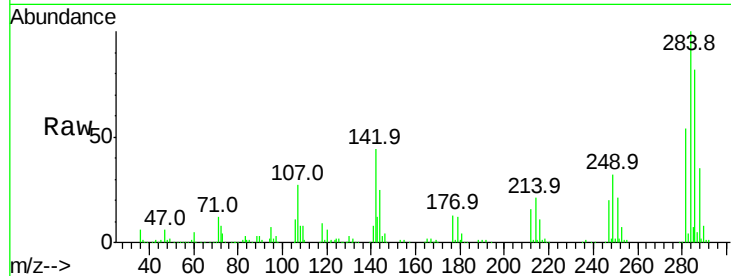
Tot Ion:284 Resp: 258580

Ion Ratio Lower Upper

284 100

142 43.6 22.8 34.2#

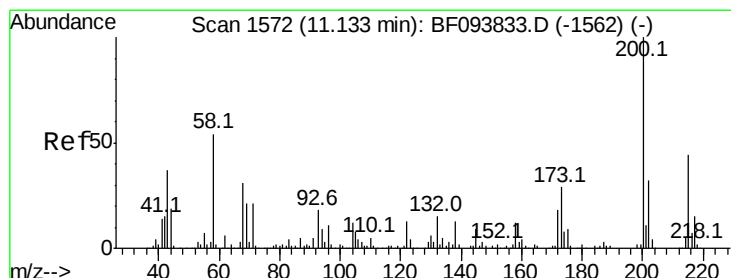
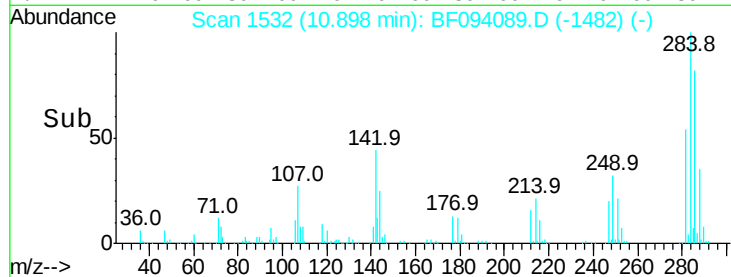
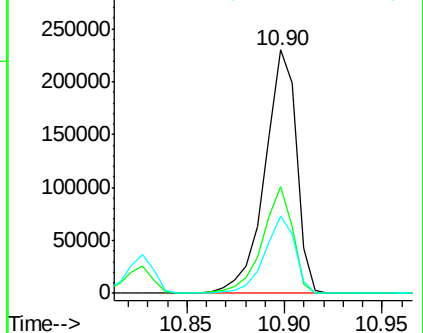
249 31.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 12.84 ng

RT: 11.04 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

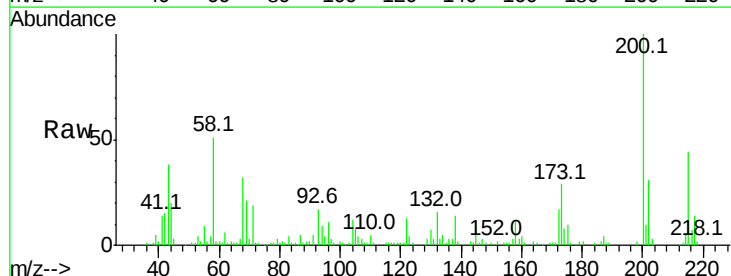
Tgt Ion:200 Resp: 73395

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

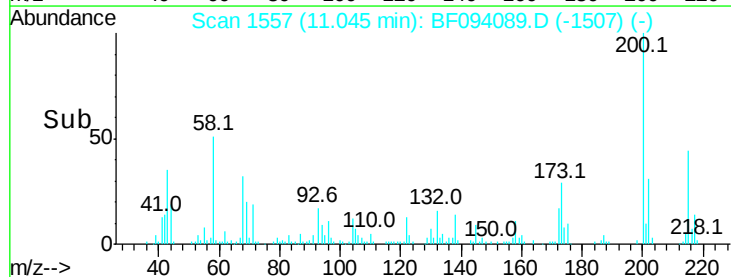
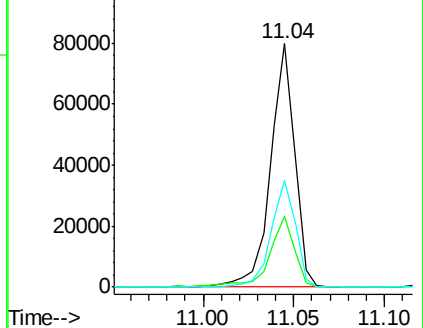
215 43.7 27.2 67.2

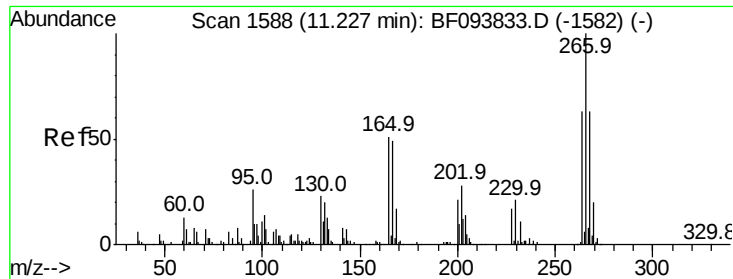


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

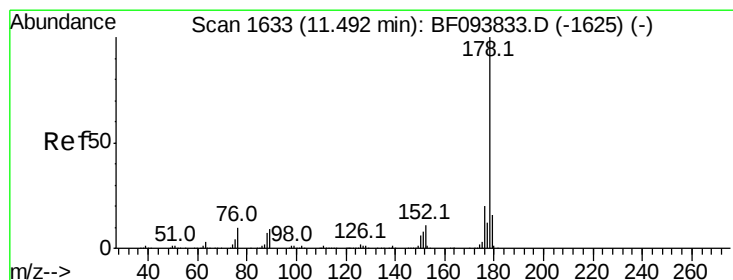
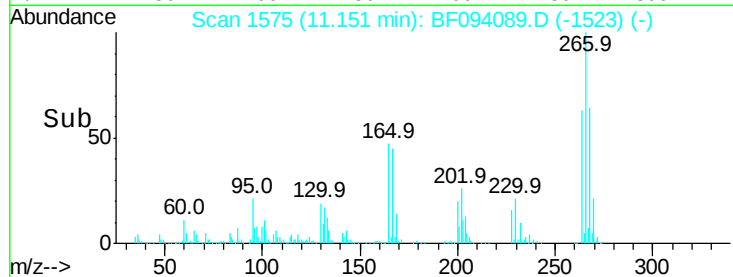
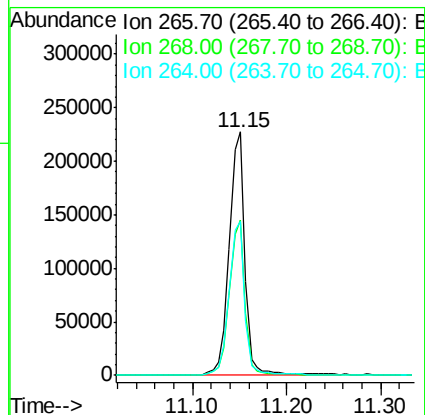
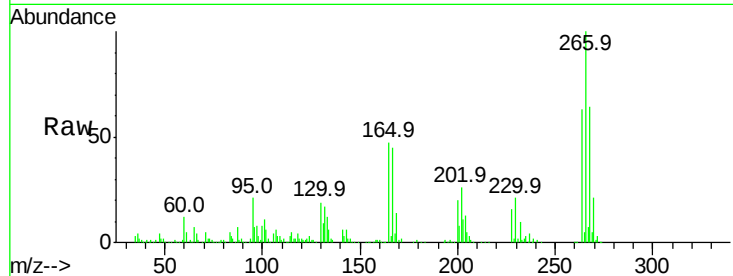




#69
 Pentachlorophenol
 Concen: 78.20 ng
 RT: 11.15 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

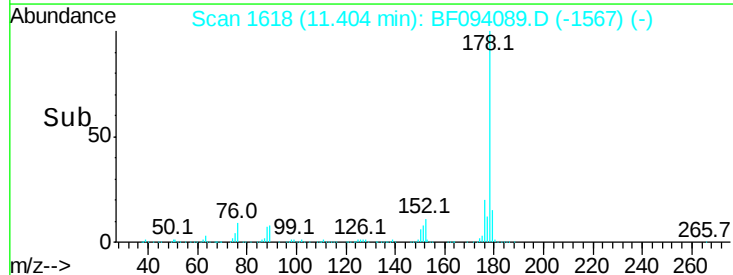
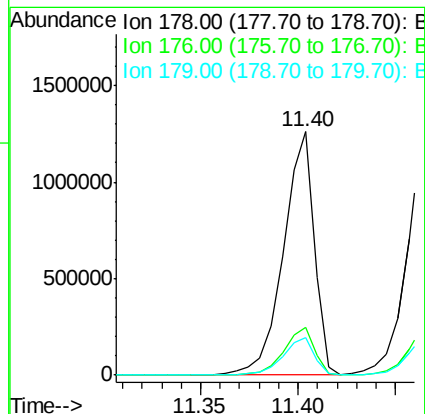
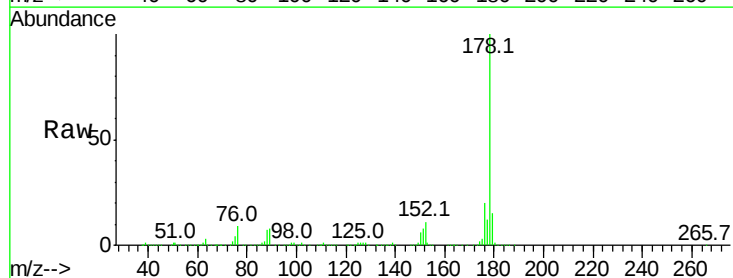
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

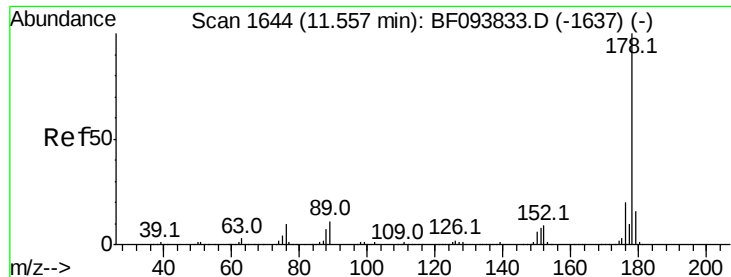
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.4	51.7	77.5



#70
 Phenanthrene
 Concen: 44.95 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.3	12.6	19.0

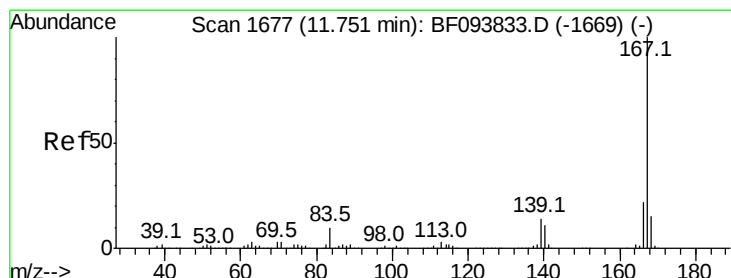
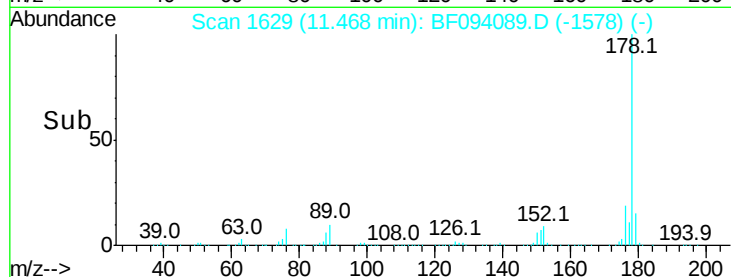
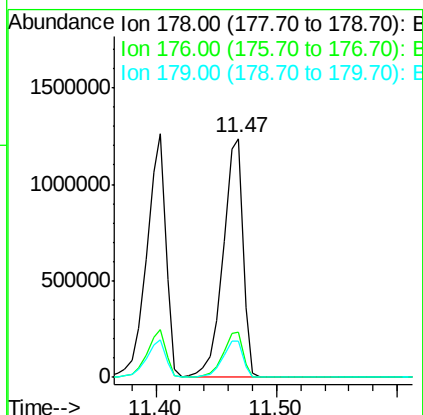
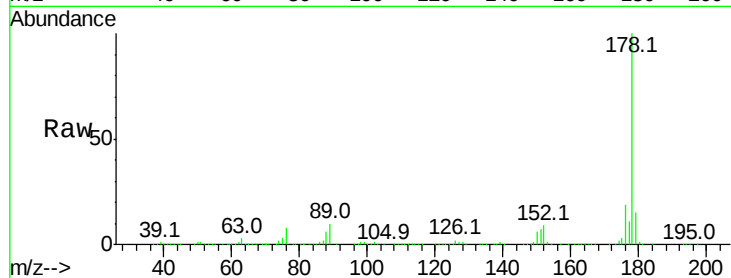




#71
 Anthracene
 Concen: 44.51 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

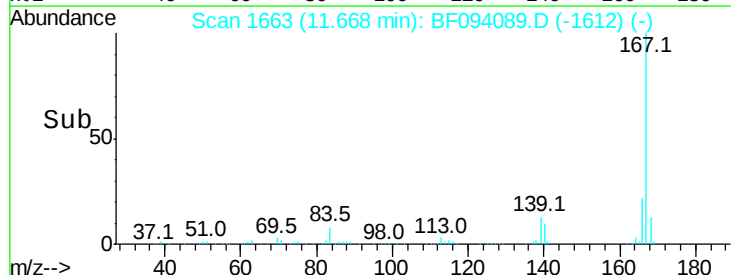
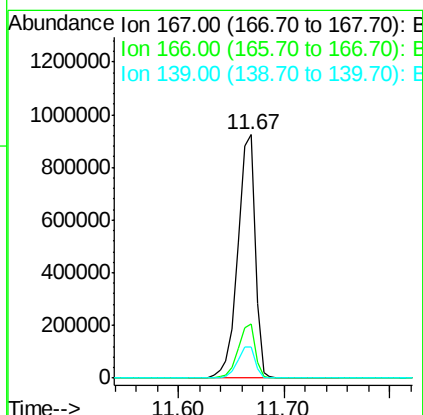
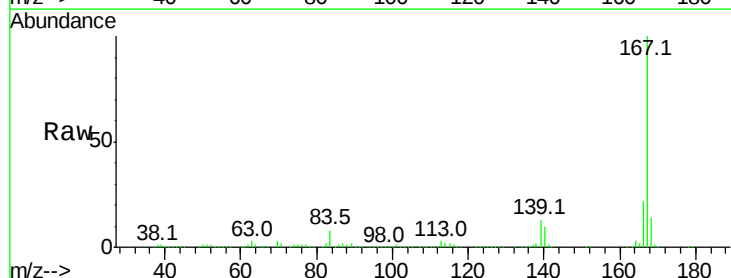
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

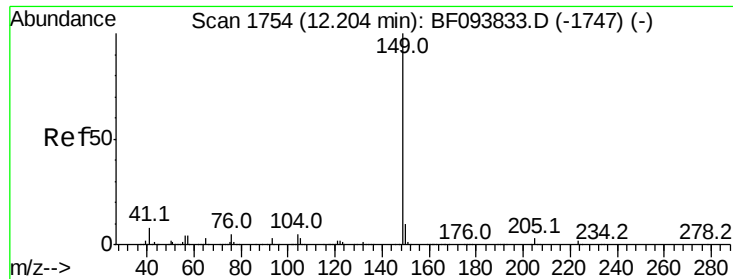
Tot Ion:178 Resp: 1406941
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 32.06 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion:167 Resp: 1039071
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.7 11.7 17.5

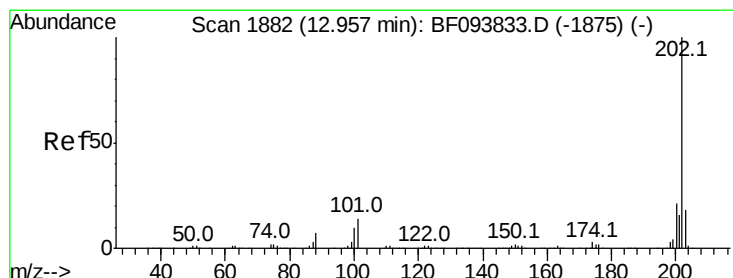
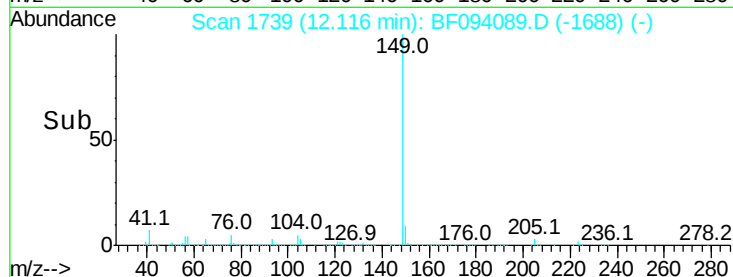
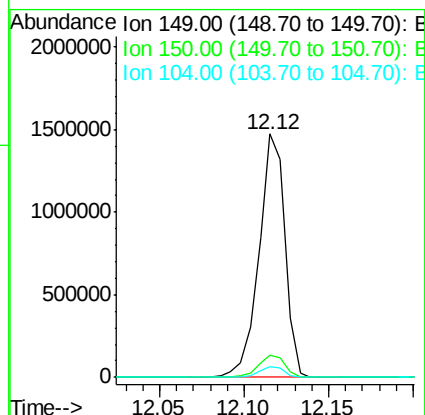
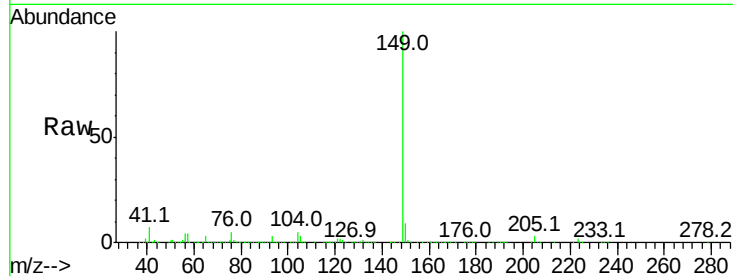




#73
Di-n-butylphthalate
Concen: 46.76 ng
RT: 12.12 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

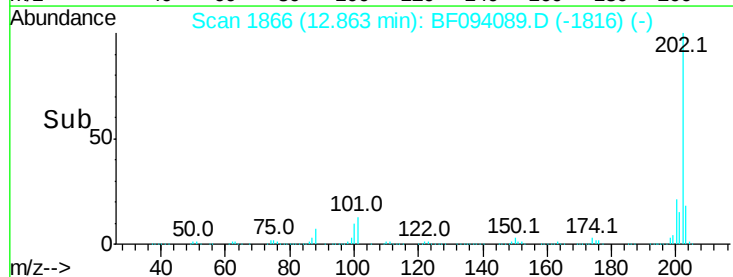
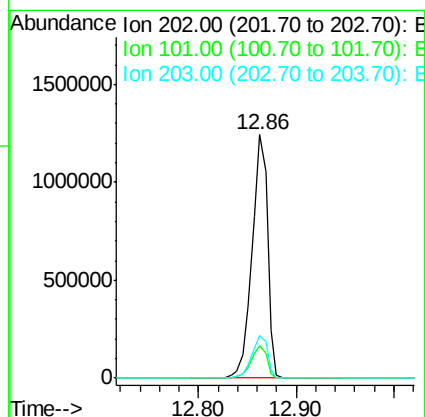
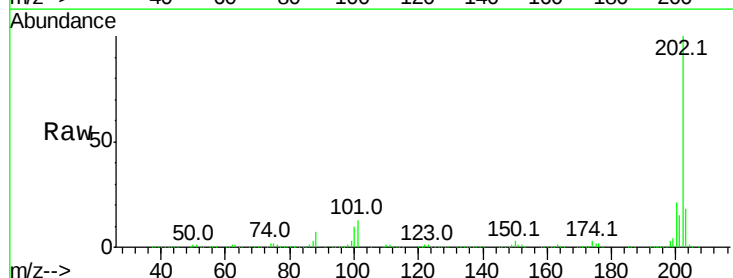
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

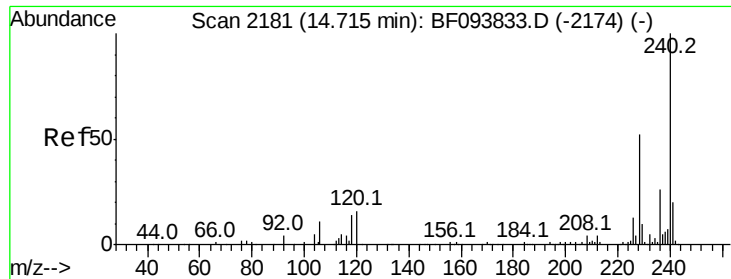
Tot Ion:149 Resp: 1576380
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 44.28 ng
RT: 12.86 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:202 Resp: 1392131
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 17.6 0.0 38.1

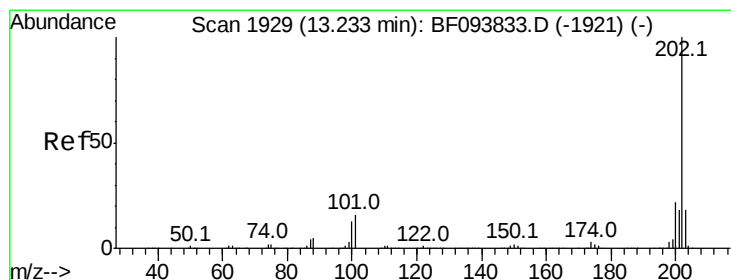
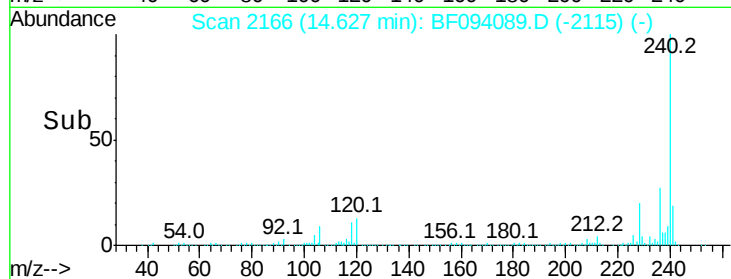
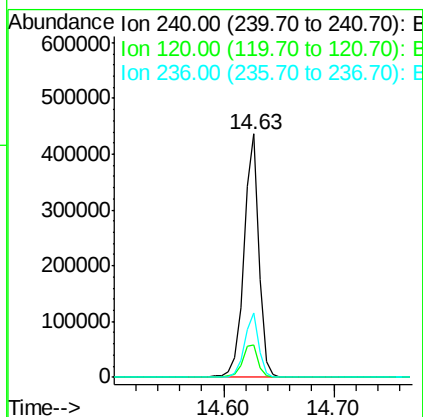
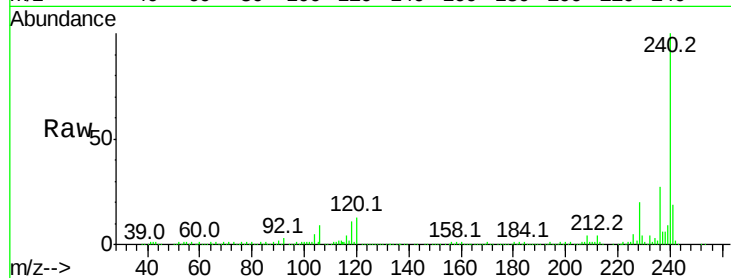




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

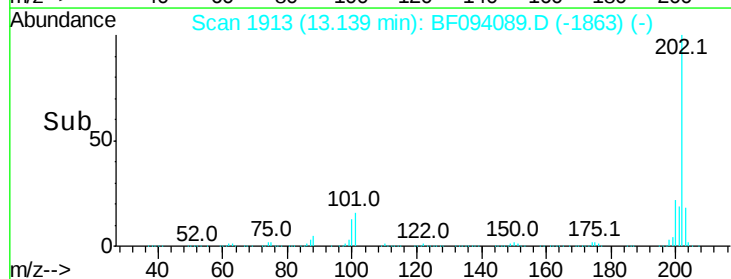
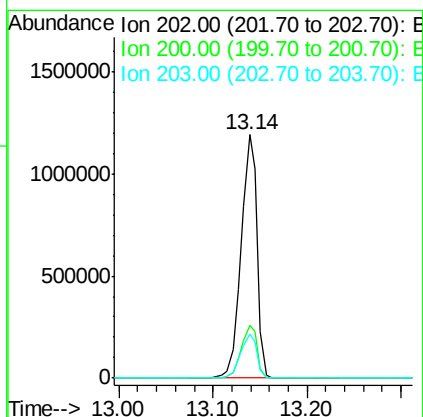
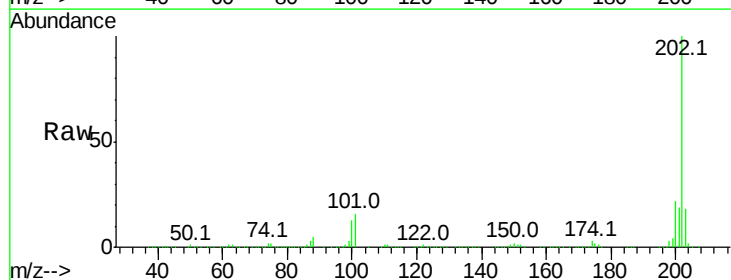
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

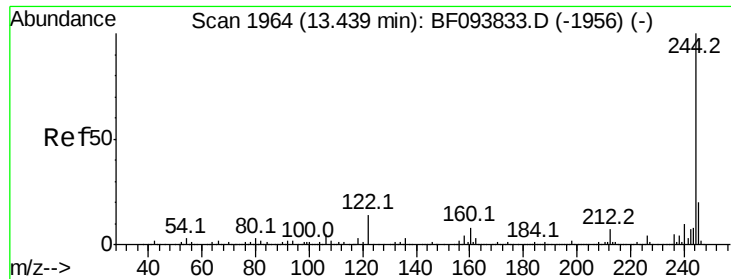
Tot Ion:240 Resp: 414252
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 26.6 20.5 30.7



#77
 Pyrene
 Concen: 46.48 ng
 RT: 13.14 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion:202 Resp: 1397347
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.6 26.4
 203 18.1 14.4 21.6

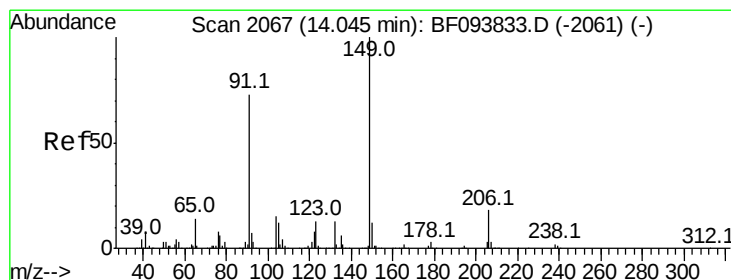
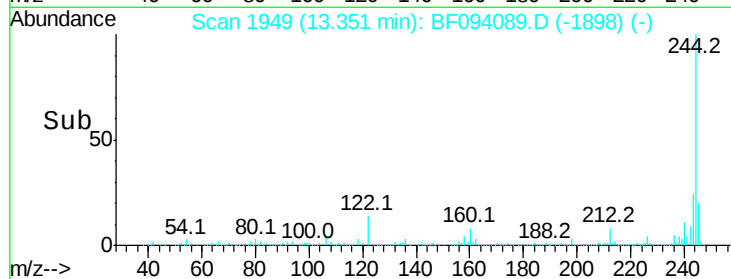
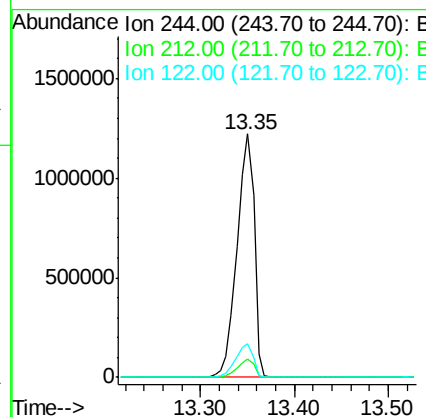
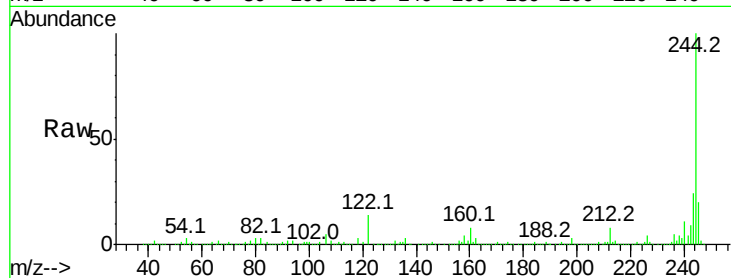




#78
 Terphenyl-d14
 Concen: 84.30 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

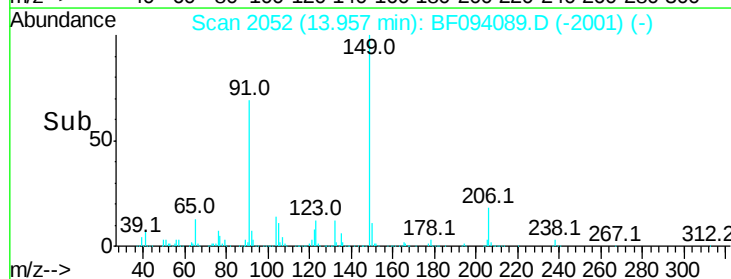
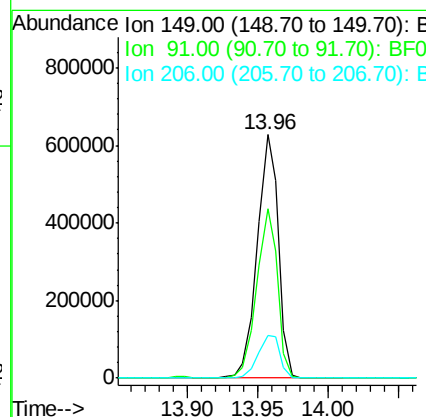
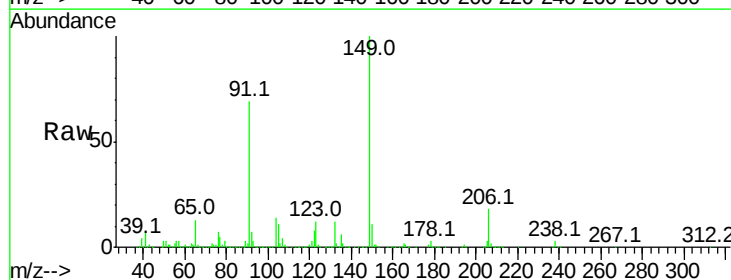
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

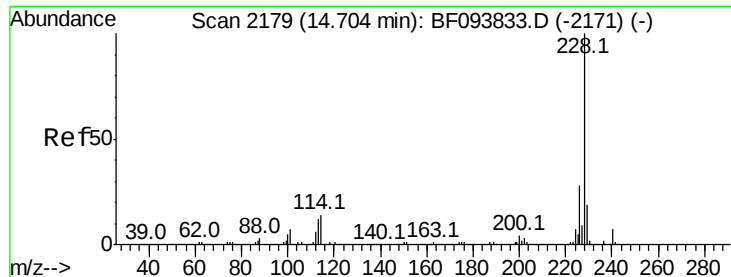
Tot Ion:244 Resp: 1557900
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.9 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 51.95 ng
 RT: 13.96 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion:149 Resp: 665394
 Ion Ratio Lower Upper
 149 100
 91 69.5 45.0 67.4#
 206 17.5 17.0 25.6





#80

Benzo(a)anthracene

Concen: 44.49 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:228 Resp: 1074632

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.5	16.3	24.5

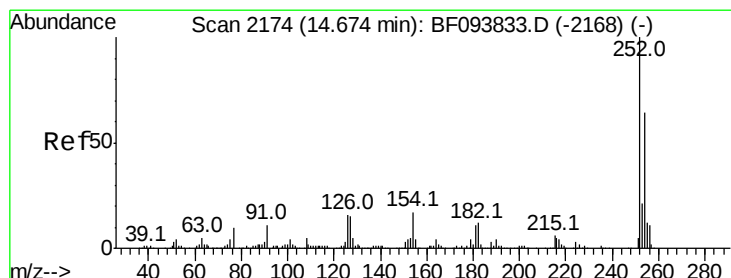
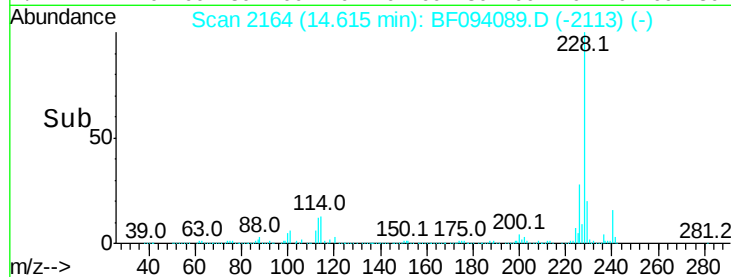
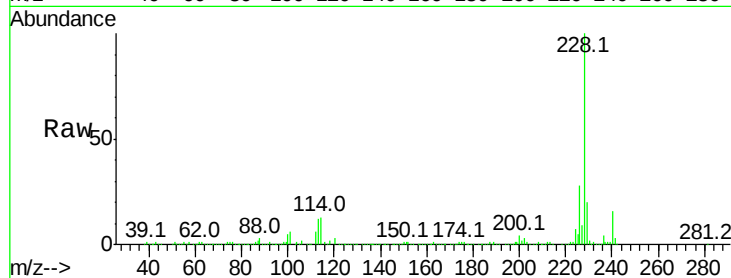
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#81

3,3'-Dichlorobenzidine

Concen: 3.02 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion:252 Resp: 26048

Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.5	77.3
126	17.5	15.8	23.8

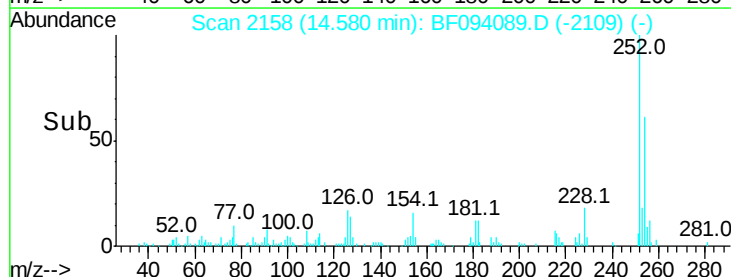
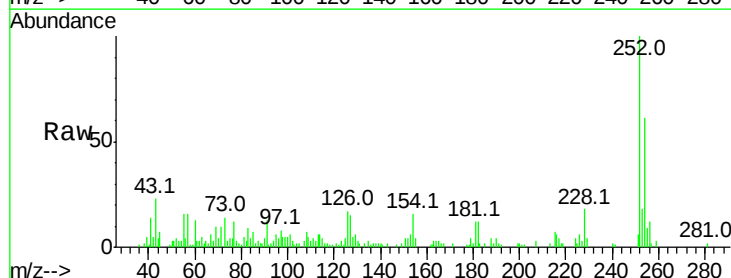
Abundance

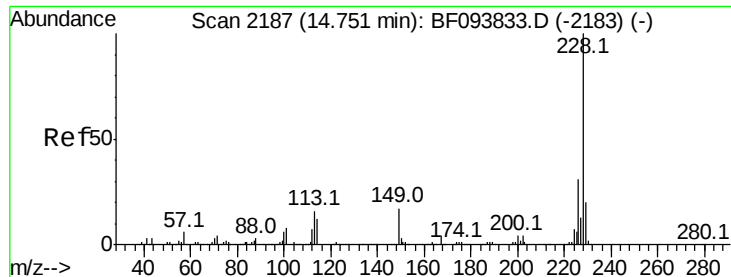
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->





#82

Chrysene

Concen: 42.79 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

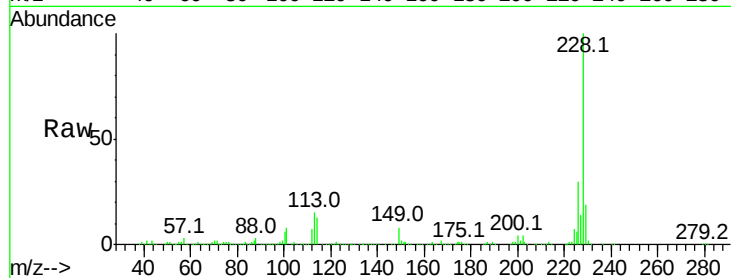
Tot Ion:228 Resp: 959158

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

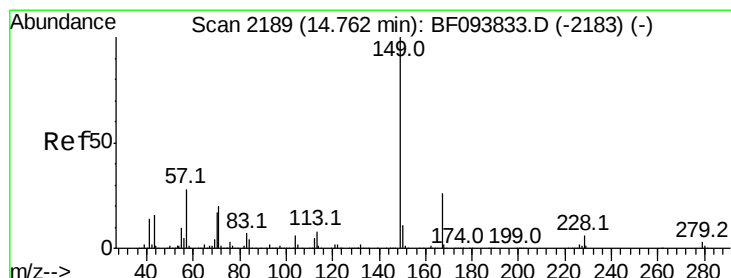
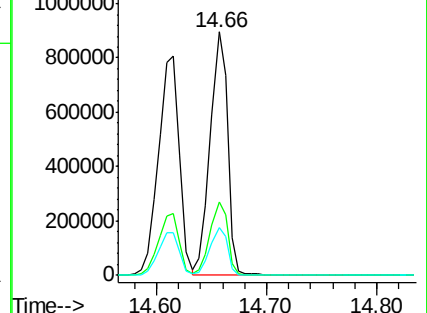
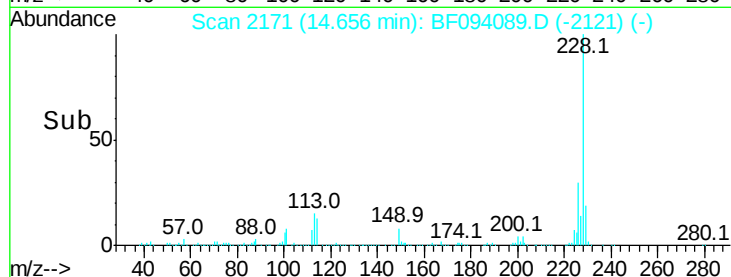
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.52 ng

RT: 14.67 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

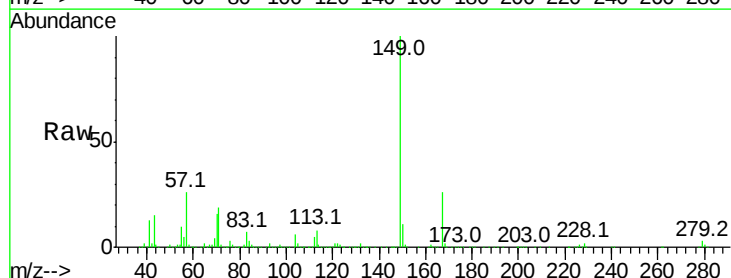
Tgt Ion:149 Resp: 900392

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

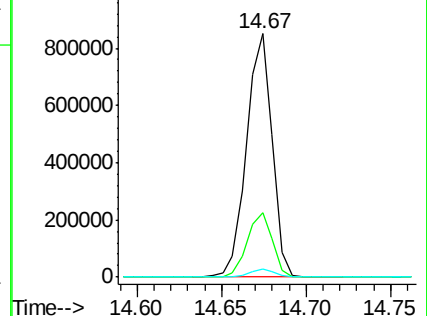
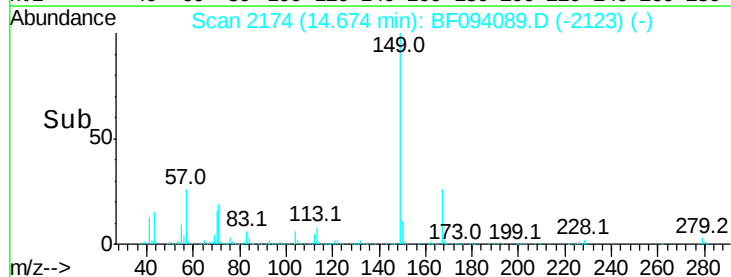
279 3.2 1.9 2.9#

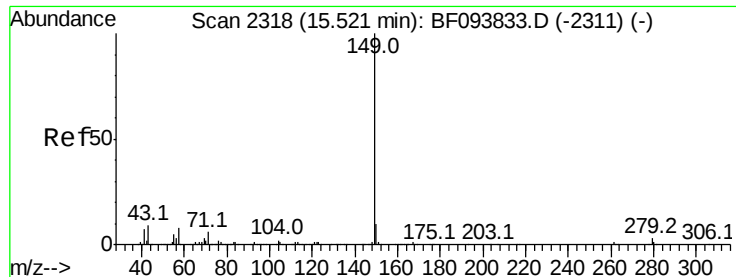


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

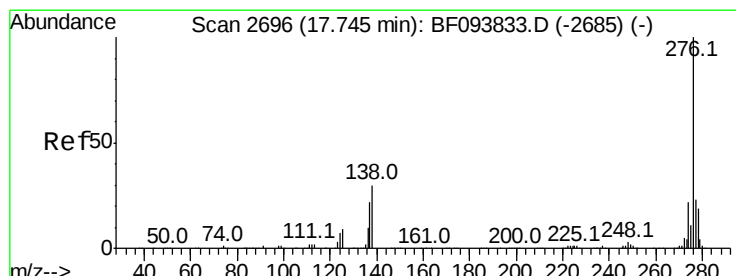
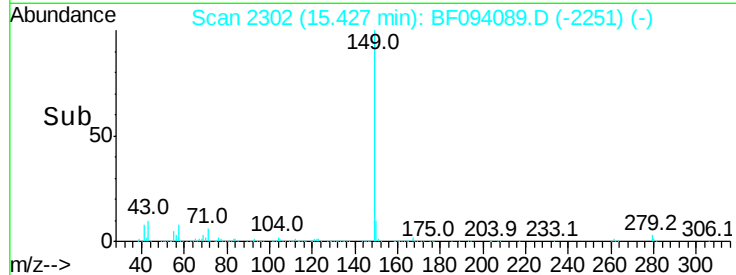
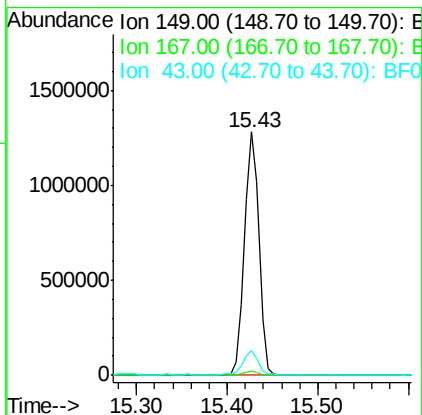
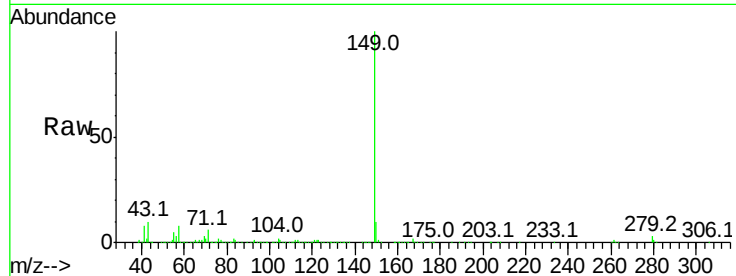




#84
Di-n-octyl phthalate
Concen: 48.80 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

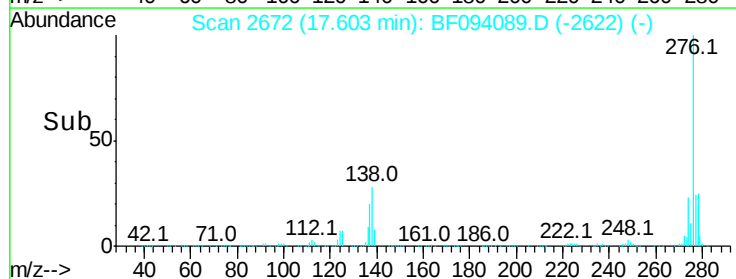
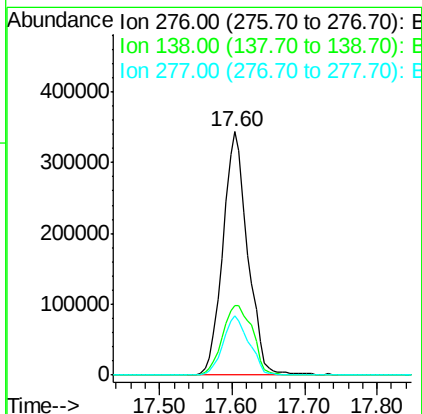
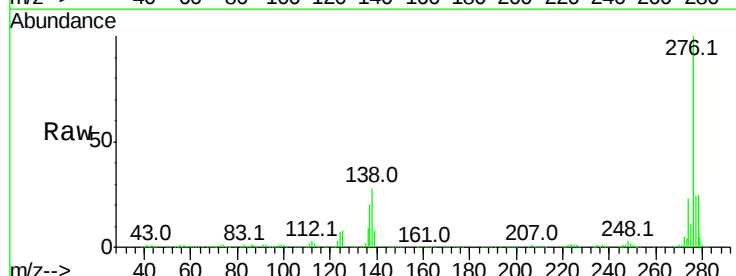
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

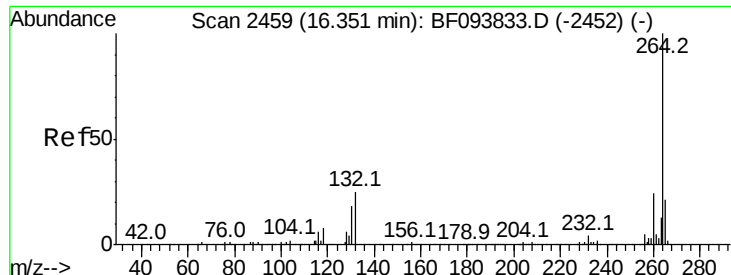
Tot Ion:149 Resp: 1424738
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.13 ng
RT: 17.60 min Scan# 2672
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:276 Resp: 817964
Ion Ratio Lower Upper
276 100
138 34.7 27.8 41.6
277 25.5 20.2 30.4

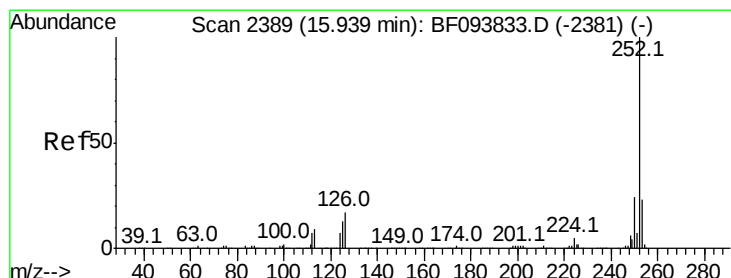
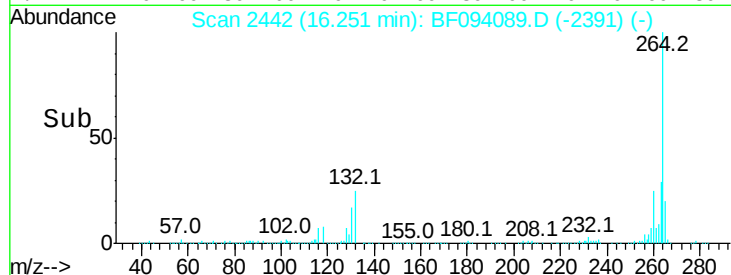
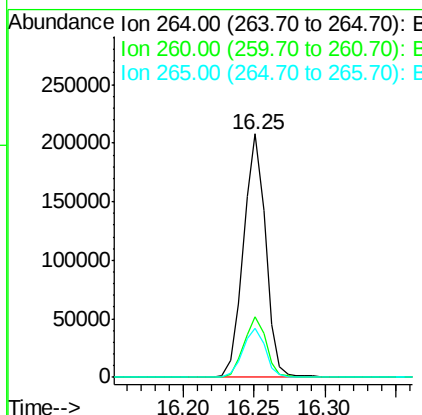
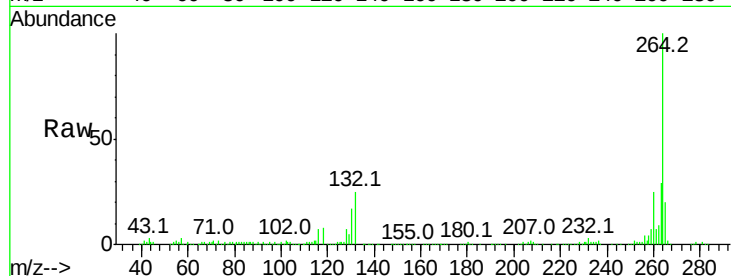




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

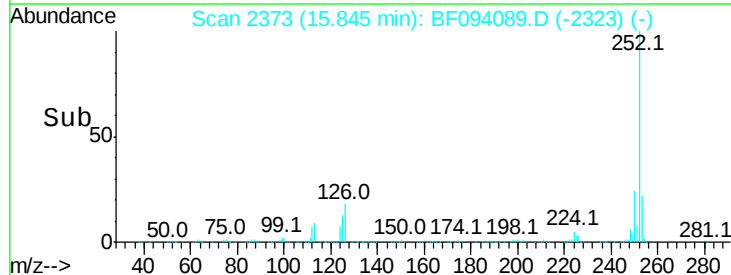
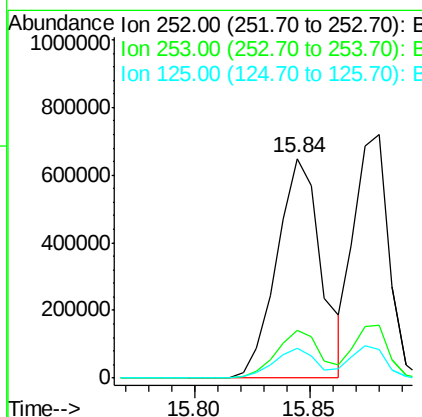
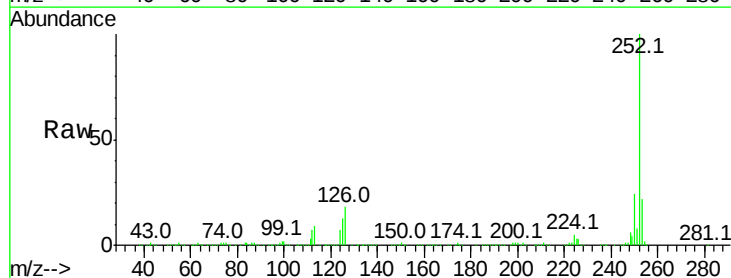
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

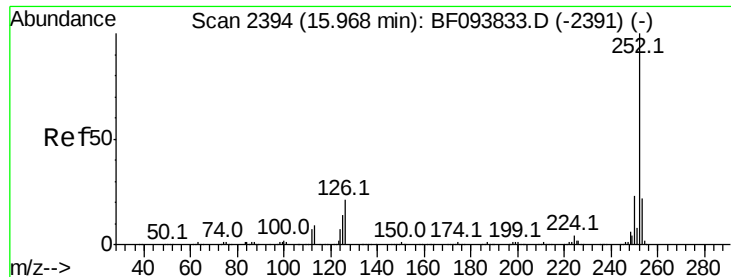
Tot Ion:264 Resp: 228581
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 20.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 62.00 ng
RT: 15.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:252 Resp: 868758
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 13.4 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 63.37 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.04 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

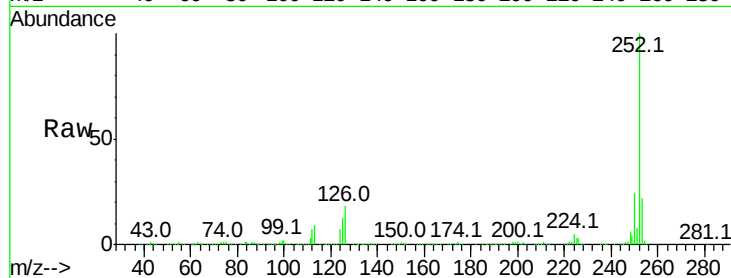
Tot Ion:252 Resp: 868758

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

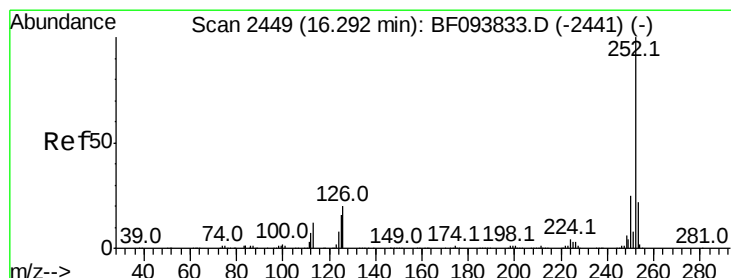
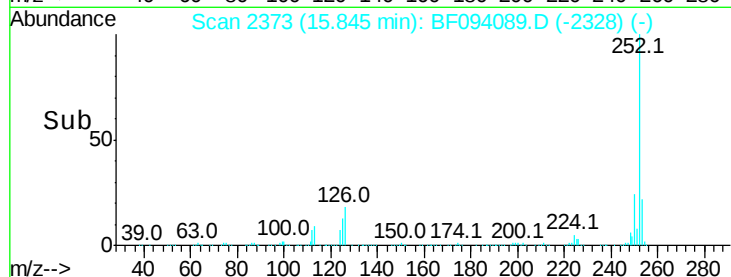
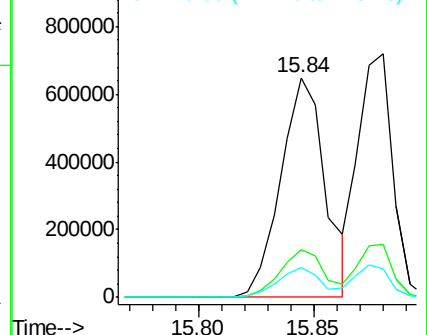
125 13.4 13.1 19.7



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: 56.25 ng

RT: 16.19 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

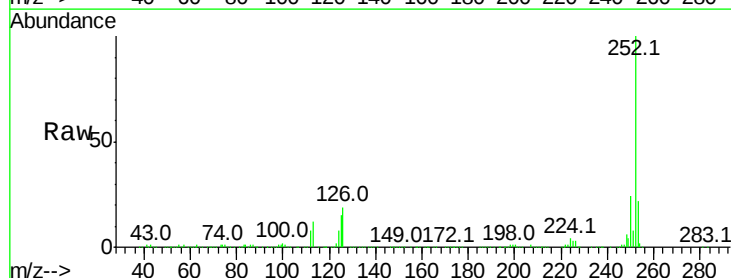
Tgt Ion:252 Resp: 725809

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

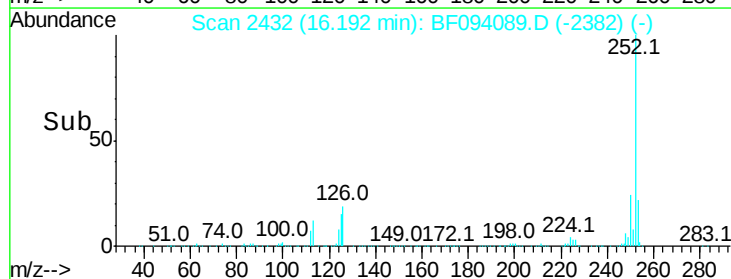
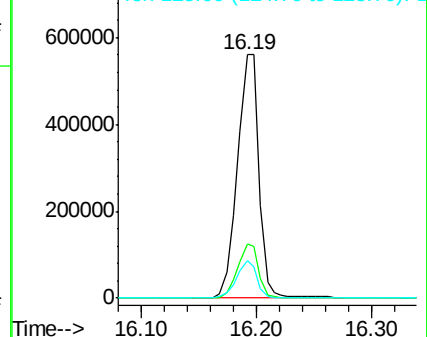
125 15.4 11.0 16.4

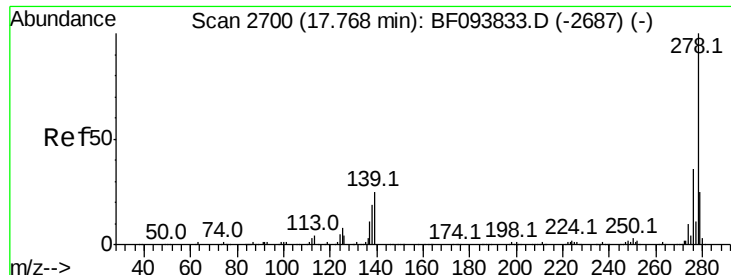


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 62.25 ng

RT: 17.63 min Scan# 2676

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

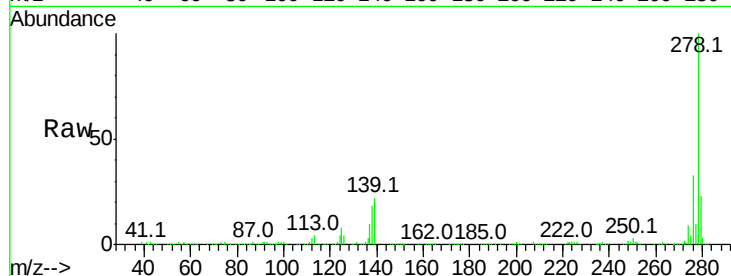
Tot Ion:278 Resp: 680195

Ion Ratio Lower Upper

278 100

139 21.8 16.6 24.8

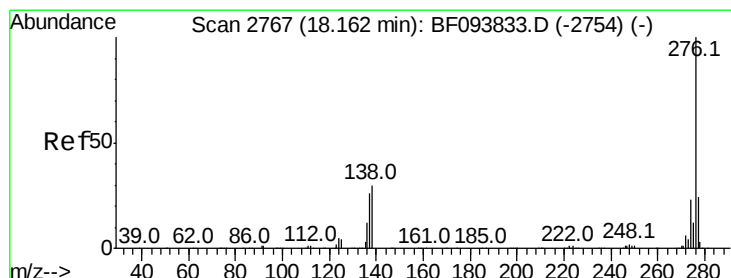
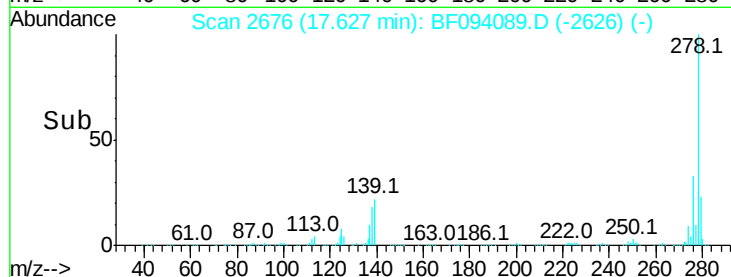
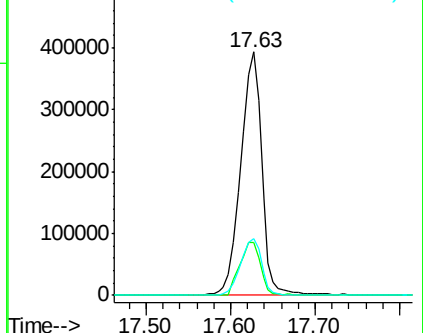
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 62.49 ng

RT: 18.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

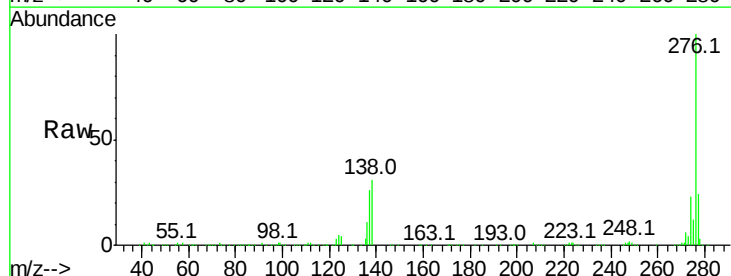
Tgt Ion:276 Resp: 688185

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 31.4 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

