

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084058.D
 Acq On : 24 Dec 2015 2:51
 Operator : UM/SJ
 Sample : G4936-01MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

Quant Time: Dec 24 04:43:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	46405	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	189914	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	85637	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	141457	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	95040	20.00	ng	-0.01
86) Perylene-d12	15.41	264	82533	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	334234	122.81	ng	0.02
7) Phenol-d6	6.49	99	413739	129.29	ng	0.01
23) Nitrobenzene-d5	7.39	82	282404	91.35	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	128150	155.58	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	567473	89.18	ng	-0.01
78) Terphenyl-d14	12.93	244	461947	115.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	41031	31.67	ng	# 86
3) Pyridine	3.29	79	95490m	32.37	ng	
4) n-Nitrosodimethylamine	3.20	42	54625	49.83	ng	91
6) Aniline	6.50	93	21940	4.95	ng	# 1
8) 2-Chlorophenol	6.62	128	148907	47.51	ng	87
9) Benzaldehyde	6.37	77	26662	12.48	ng	90
10) Phenol	6.50	94	166378	44.94	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	132514	46.84	ng	95
12) 1,3-Dichlorobenzene	6.76	146	161087m	46.26	ng	
13) 1,4-Dichlorobenzene	6.84	146	170726	50.21	ng	93
14) 1,2-Dichlorobenzene	6.99	146	143409	44.12	ng	96
15) Benzyl Alcohol	6.98	79	121179	48.09	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.10	45	121675	44.55	ng	# 7
17) 2-Methylphenol	7.10	107	116297	46.58	ng	# 85
18) Hexachloroethane	7.33	117	60582	48.58	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	97378	50.22	ng	# 85
20) 3+4-Methylphenols	7.25	107	155469	50.46	ng	# 50
22) Acetophenone	7.24	105	216822	48.66	ng	# 88
24) Nitrobenzene	7.41	77	158655	49.80	ng	# 88
25) Isophorone	7.65	82	273684	46.72	ng	98
26) 2-Nitrophenol	7.72	139	75633	44.11	ng	# 80
27) 2,4-Dimethylphenol	7.78	122	141978	47.51	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	161569	44.53	ng	99
29) 2,4-Dichlorophenol	7.98	162	122592	45.91	ng	92
30) 1,2,4-Trichlorobenzene	8.05	180	135544	48.67	ng	96
31) Naphthalene	8.13	128	532264	54.86	ng	99
32) Benzoic acid	7.92	122	57183	42.20	ng	97
33) 4-Chloroaniline	8.19	127	14473	3.65	ng	# 91
34) Hexachlorobutadiene	8.25	225	74575	44.80	ng	99
35) Caprolactam	8.57	113	29333m	36.56	ng	
36) 4-Chloro-3-methylphenol	8.69	107	141023	49.38	ng	93
37) 2-Methylnaphthalene	8.82	142	294119	46.81	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	132058	51.30	ng	99
40) Hexachlorocyclopentadiene	8.98	237	31178	44.11	ng	98

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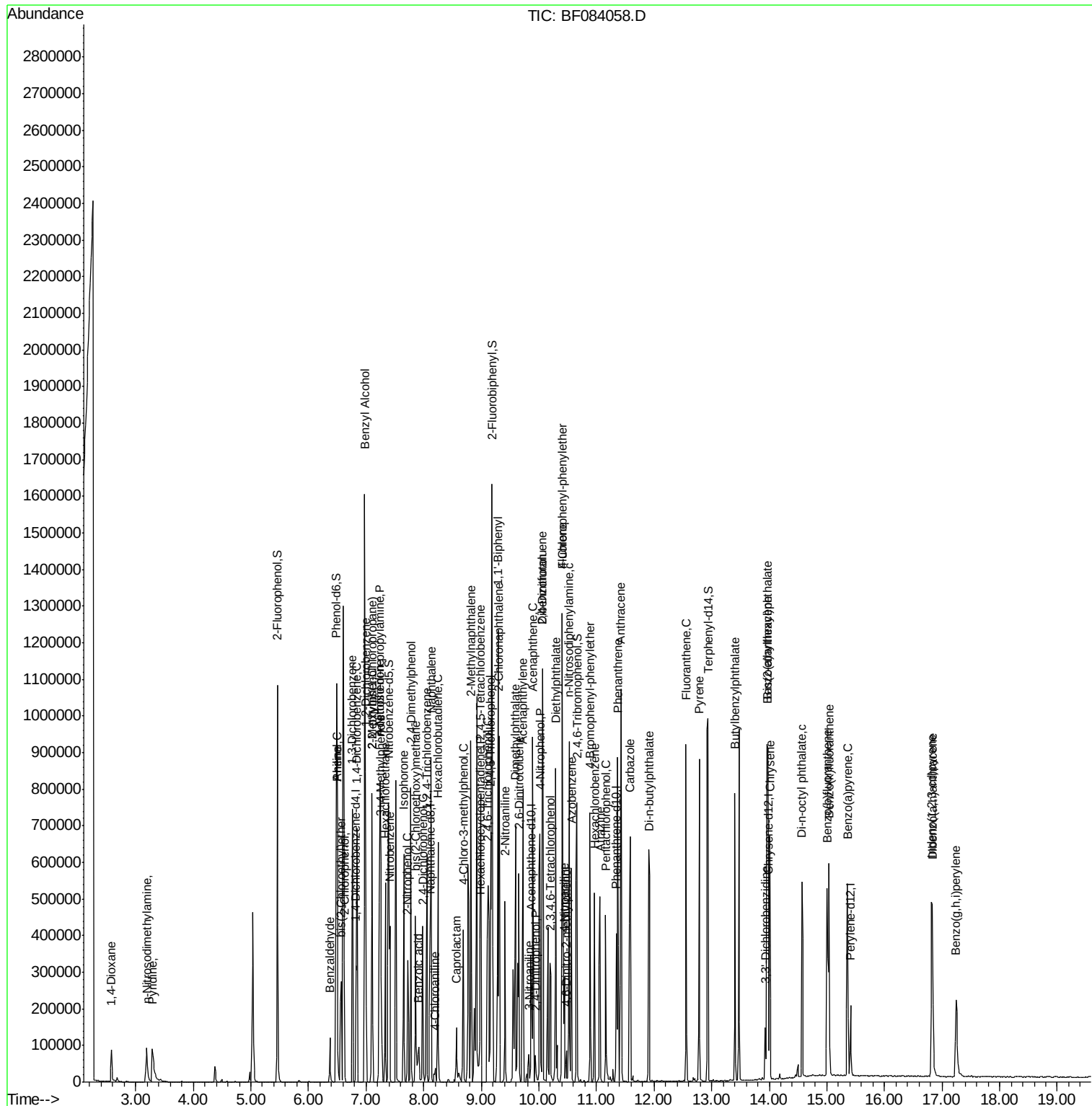
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	82666	53.32	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	88911	55.10	nq #	91
45) 1,1'-Biphenyl	9.29	154	386118	51.00	nq	98
46) 2-Chloronaphthalene	9.31	162	272078	49.92	nq	97
47) 2-Nitroaniline	9.41	65	79156	53.28	nq #	82
48) Acenaphthylene	9.72	152	412960	47.85	nq	99
49) Dimethylphthalate	9.60	163	358536	53.50	nq #	91
50) 2,6-Dinitrotoluene	9.65	165	67972	48.06	nq #	67
51) Acenaphthene	9.89	154	244594	47.66	nq	99
52) 3-Nitroaniline	9.82	138	16190	10.78	nq #	76
53) 2,4-Dinitrophenol	9.94	184	12925	27.23	nq	92
54) Dibenzofuran	10.06	168	371541	48.37	nq #	89
55) 4-Nitrophenol	10.02	139	59927	67.89	nq	95
56) 2,4-Dinitrotoluene	10.06	165	98154	55.21	nq	92
57) Fluorene	10.41	166	290484	47.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	59587	46.84	nq	92
59) Diethylphthalate	10.29	149	364343	55.32	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	136813	49.06	nq	91
61) 4-Nitroaniline	10.44	138	58931	38.35	nq	95
62) Azobenzene	10.57	77	299430	51.50	nq	92
64) 4,6-Dinitro-2-methylphenol	10.48	198	13989	16.92	nq	87
65) n-Nitrosodiphenylamine	10.52	169	227682	43.58	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	78151	48.18	nq #	63
67) Hexachlorobenzene	10.97	284	92087	52.01	nq #	93
68) Atrazine	11.06	200	80219	50.79	nq	97
69) Pentachlorophenol	11.16	266	55268	84.78	nq	99
70) Phenanthrene	11.37	178	374006	46.78	nq	99
71) Anthracene	11.42	178	399238	49.17	nq	100
72) Carbazole	11.58	167	349082	45.98	nq	97
73) Di-n-butylphthalate	11.92	149	504548	53.52	nq	100
74) Fluoranthene	12.56	202	333320	42.04	nq	99
77) Pyrene	12.79	202	336838	52.24	nq	100
79) Butylbenzylphthalate	13.40	149	176306	59.45	nq	95
80) Benzo(a)anthracene	13.97	228	260689	47.57	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	29650	14.39	nq #	93
82) Chrysene	14.01	228	238750	46.93	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	235321	57.22	nq	99
84) Di-n-octyl phthalate	14.57	149	359625	56.86	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	240182	57.07	nq	99
87) Benzo(b)fluoranthene	15.00	252	305131m	58.64	nq	
88) Benzo(k)fluoranthene	15.04	252	202954m	41.01	nq	
89) Benzo(a)pyrene	15.36	252	242510	50.32	nq #	98
90) Dibenzo(a,h)anthracene	16.83	278	201883	50.55	nq	96
91) Benzo(g,h,i)perylene	17.24	276	180568	44.70	nq	98

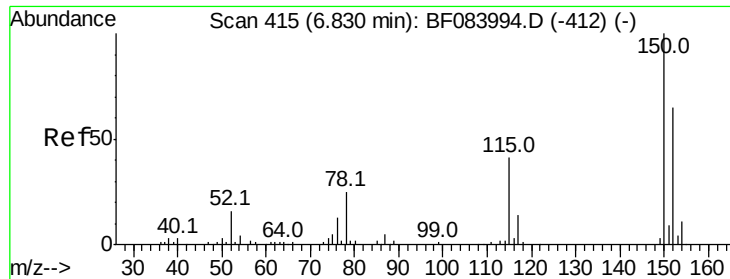
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

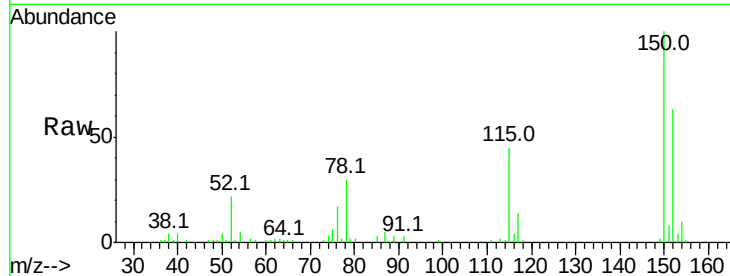
Tot Ion:152 Resp: 46405

Ion Ratio Lower Upper

152 100

150 158.3 123.0 184.4

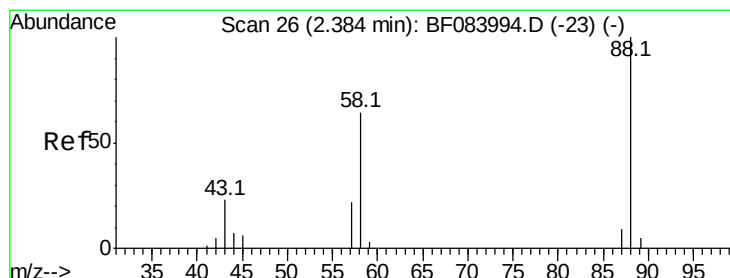
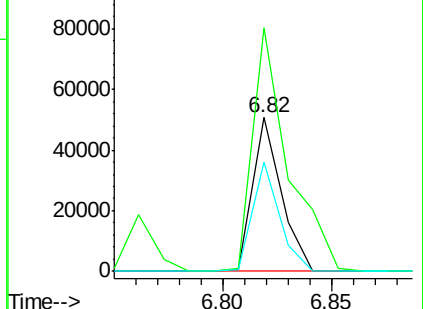
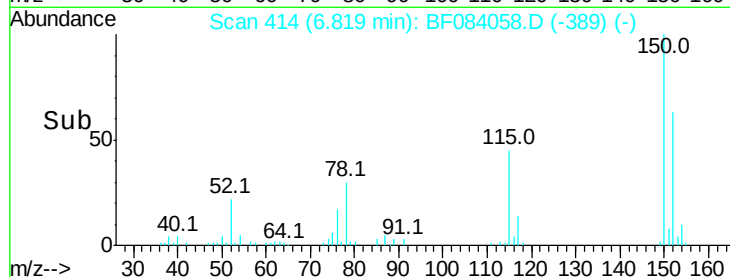
115 71.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.67 ng

RT: 2.58 min Scan# 43

Delta R.T. 0.19 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

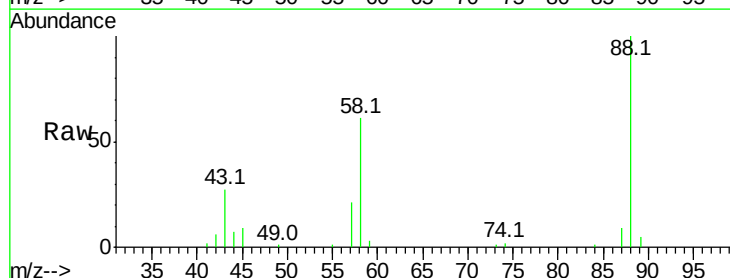
Tgt Ion: 88 Resp: 41031

Ion Ratio Lower Upper

88 100

58 63.8 51.2 76.8

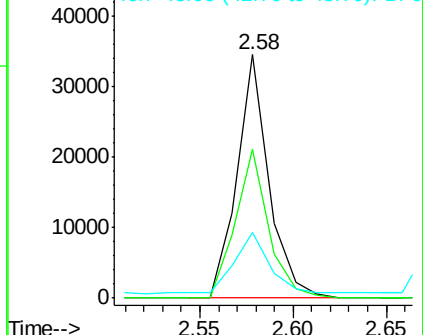
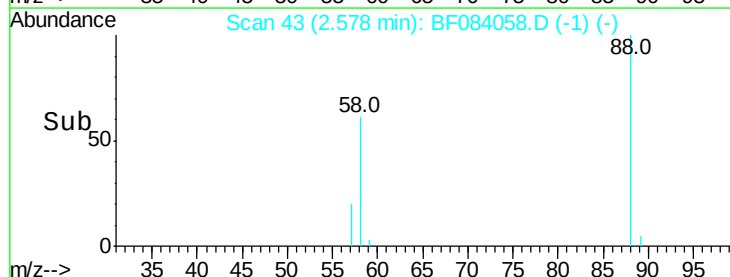
43 0.0 19.5 29.3#

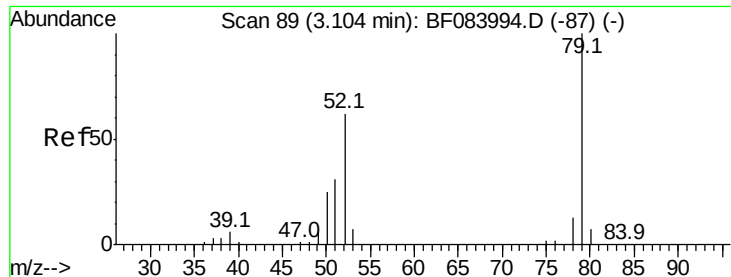


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.37 ng/ml

RT: 3.29 min Scan# 105

Delta R.T. 0.18 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

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ClientSampleId :

WC-01MS

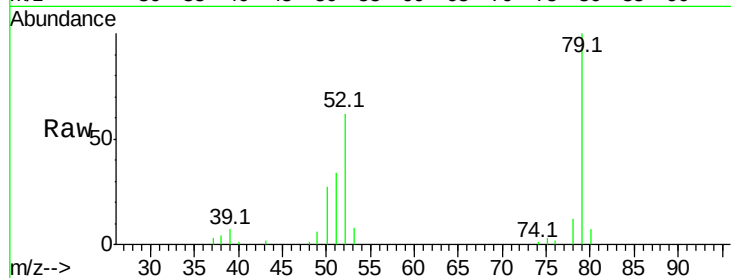
Tot Ion: 79 Resp: 95490

Ion Ratio Lower Upper

79 100

52 62.4 49.0 73.4

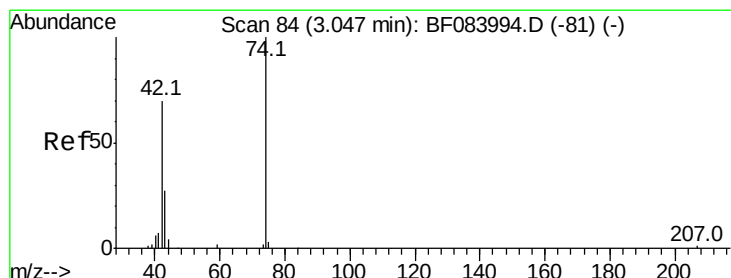
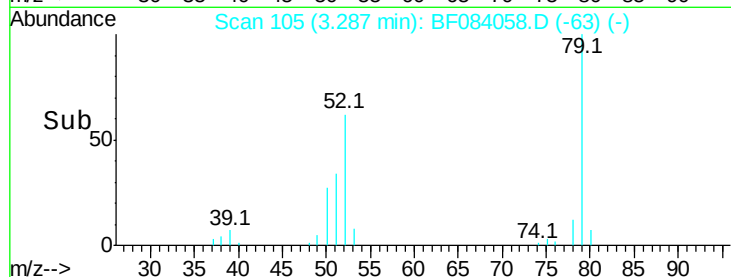
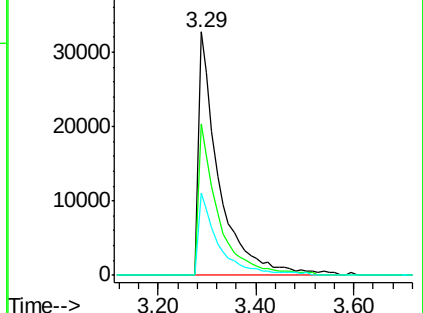
51 33.8 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 49.83 ng/ml

RT: 3.20 min Scan# 97

Delta R.T. 0.15 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

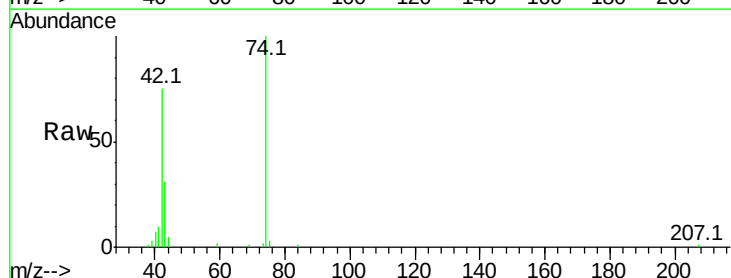
Tgt Ion: 42 Resp: 54625

Ion Ratio Lower Upper

42 100

74 133.1 115.7 173.5

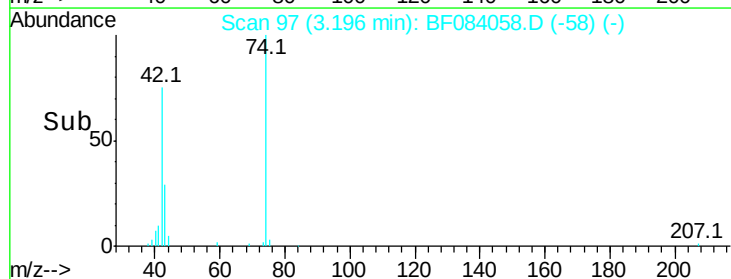
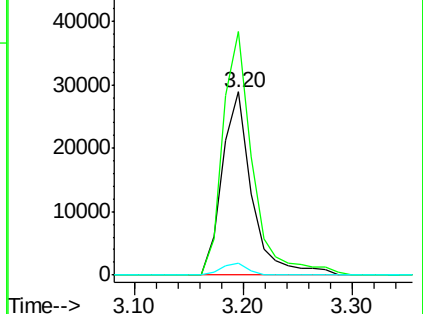
44 6.5 5.1 7.7

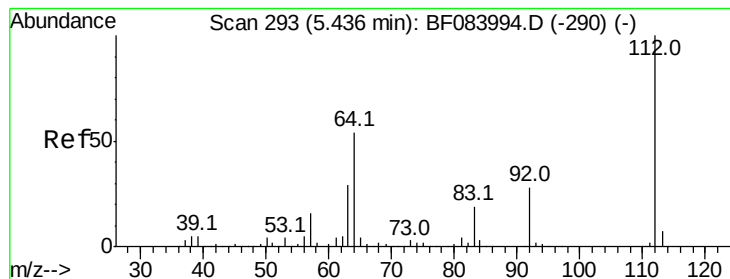


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.81 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.02 min

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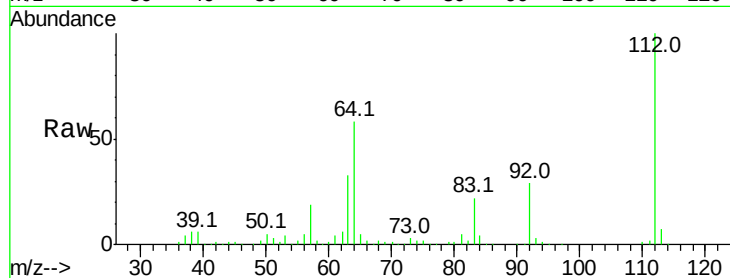
Tot Ion:112 Resp: 334234

Ion Ratio Lower Upper

112 100

64 58.3 36.6 55.0#

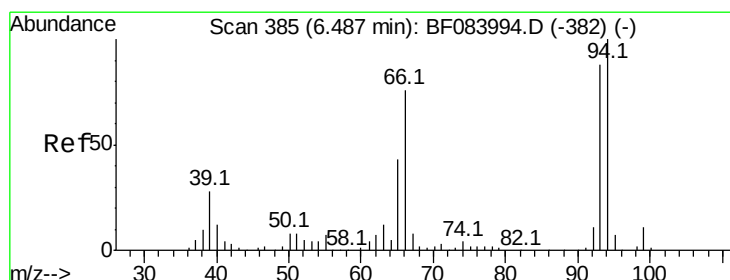
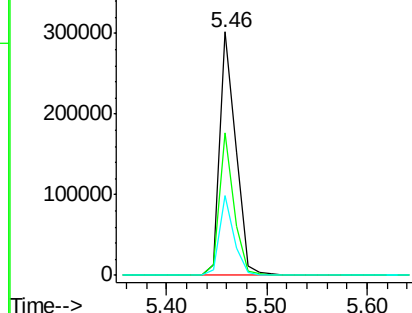
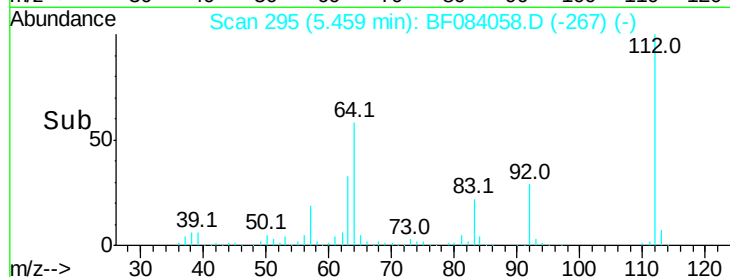
63 32.9 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.95 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

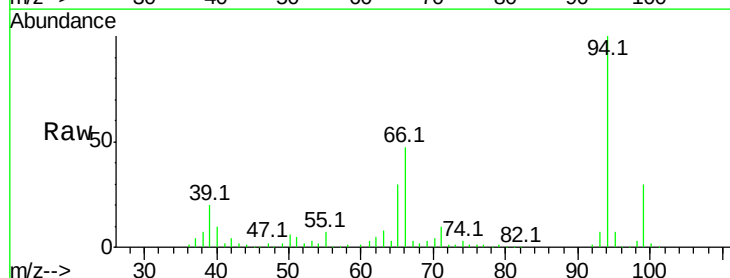
Tgt Ion: 93 Resp: 21940

Ion Ratio Lower Upper

93 100

66 675.4 44.9 67.3#

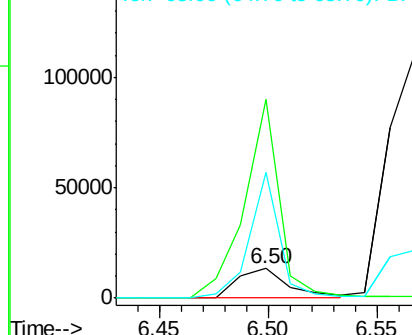
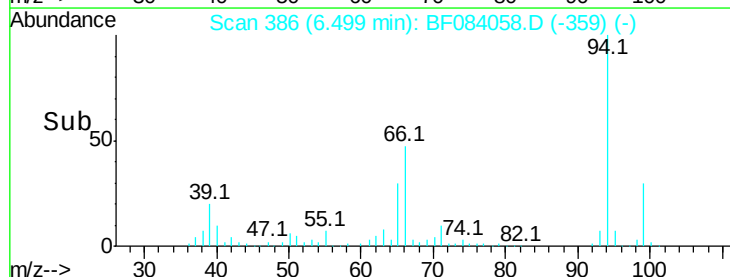
65 427.9 23.7 35.5#

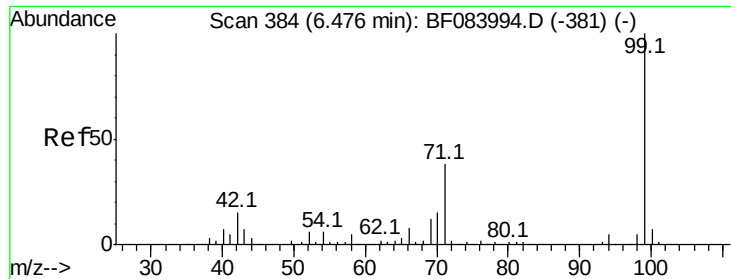


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.29 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

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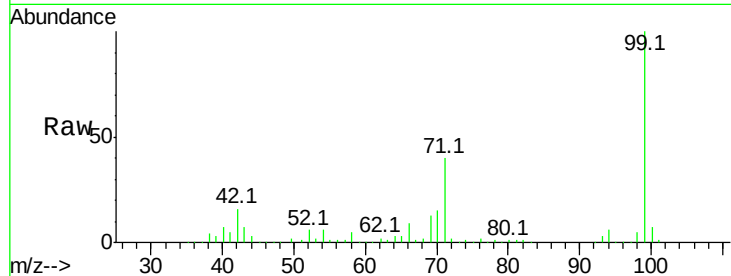
Tot Ion: 99 Resp: 413739

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

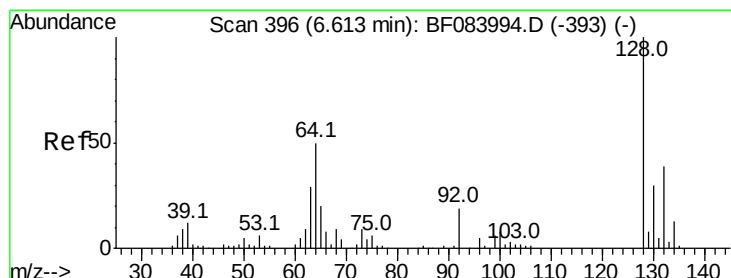
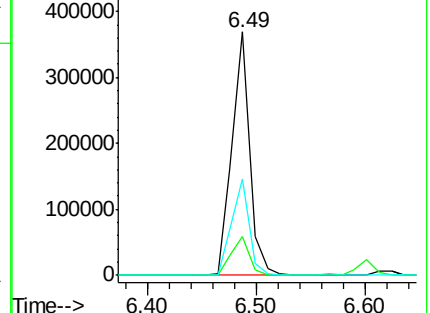
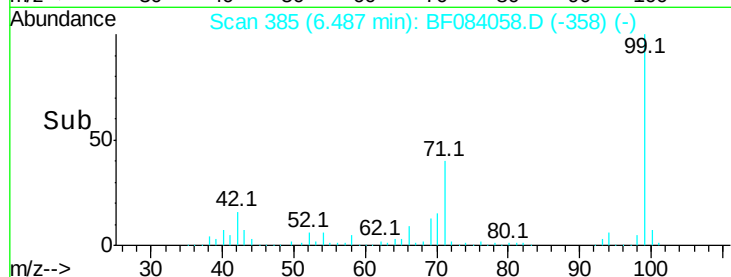
71 39.6 30.9 46.3



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: 47.51 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

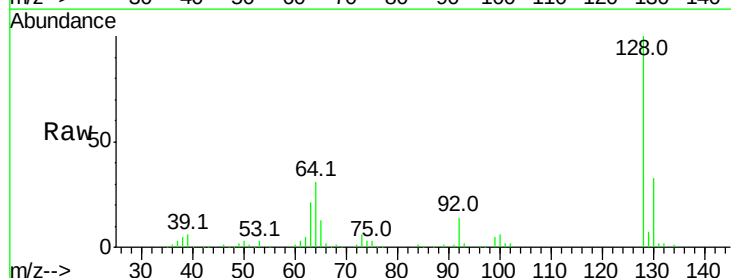
Tgt Ion: 128 Resp: 148907

Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

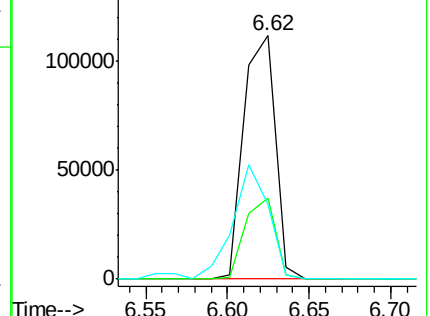
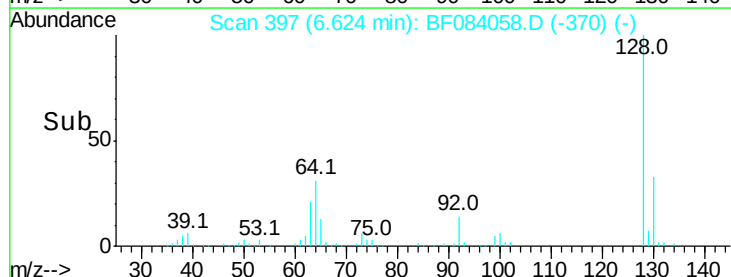
64 30.6 23.8 63.8

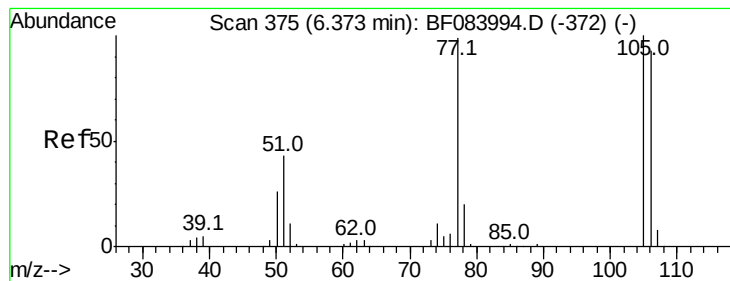


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.48 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

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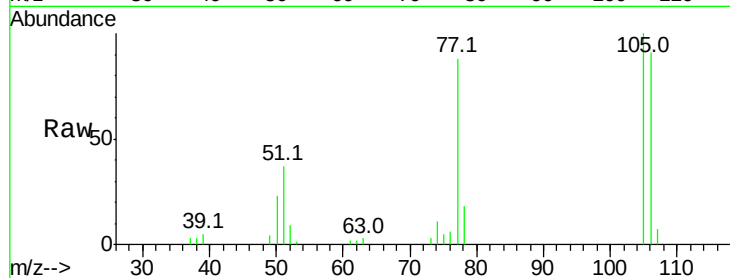
Tot Ion: 77 Resp: 26662

Ion Ratio Lower Upper

77 100

105 113.8 83.0 123.0

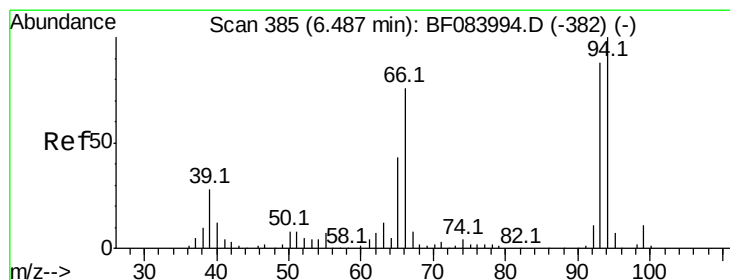
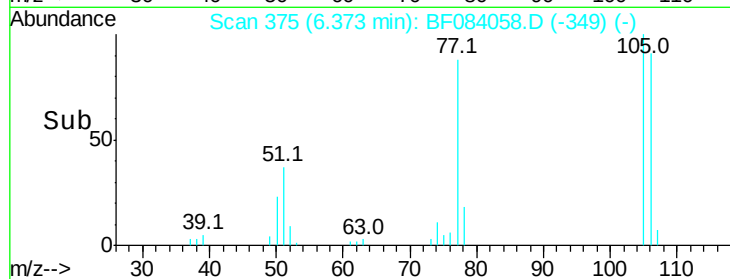
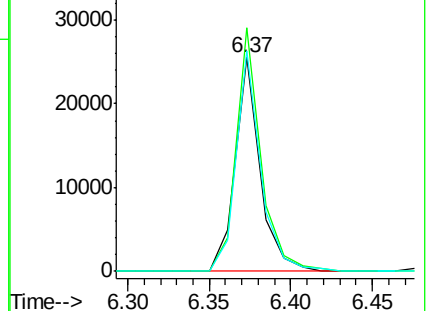
106 103.3 74.6 114.6



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: 44.94 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

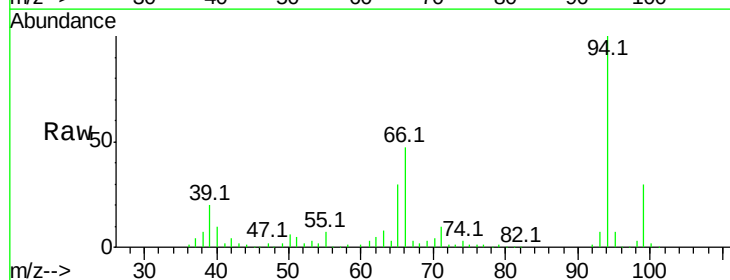
Tgt Ion: 94 Resp: 166378

Ion Ratio Lower Upper

94 100

65 29.6 12.9 52.9

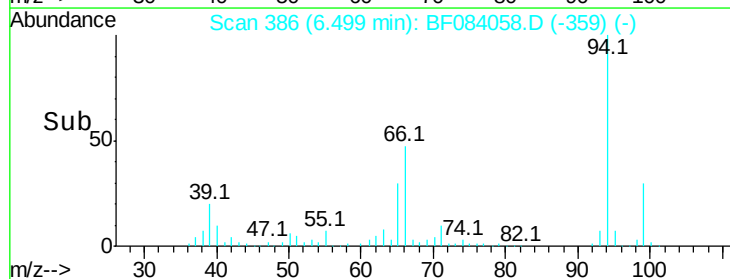
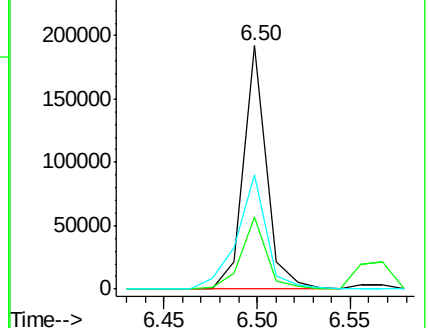
66 46.8 32.7 72.7

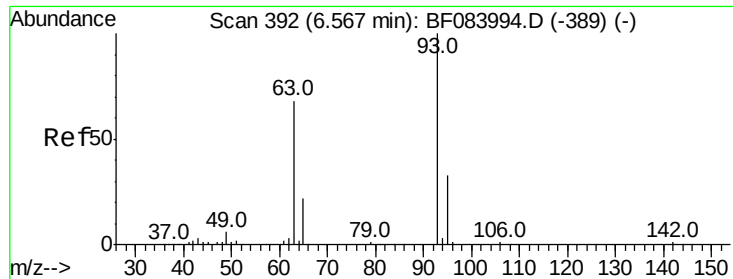


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

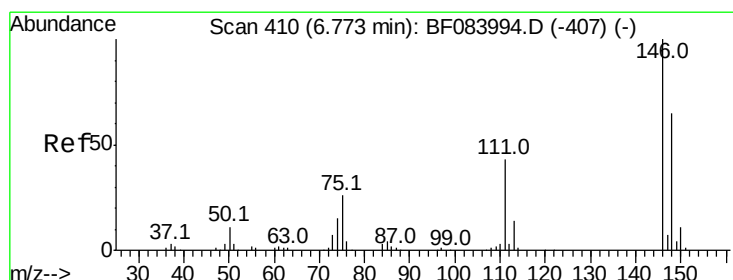
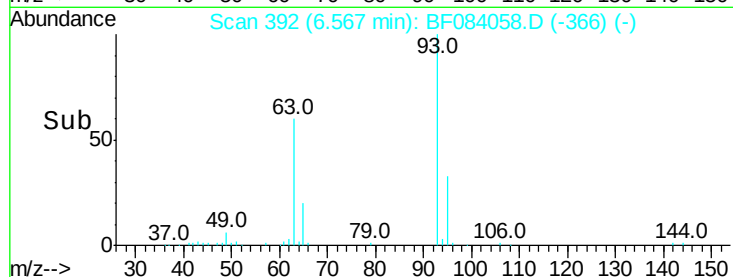
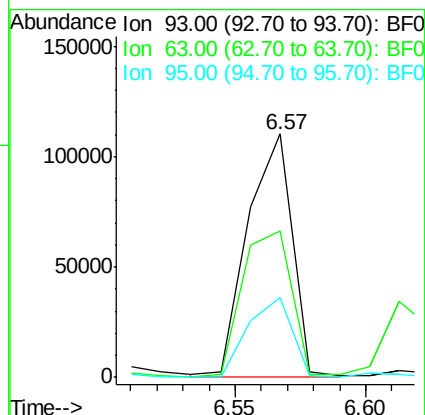
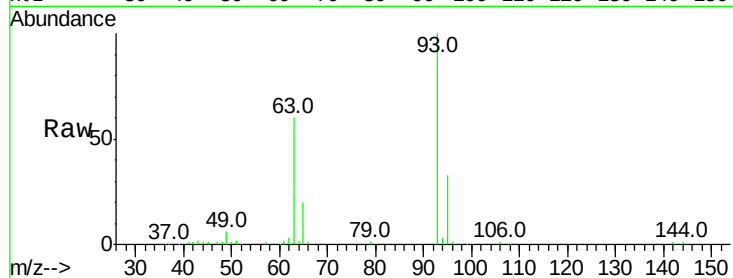




#11
bis(2-Chloroethyl)ether
Concen: 46.84 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

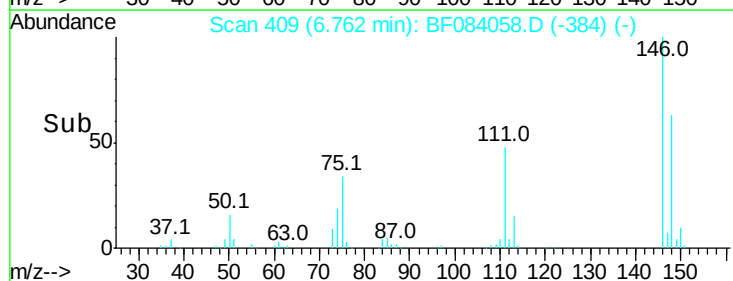
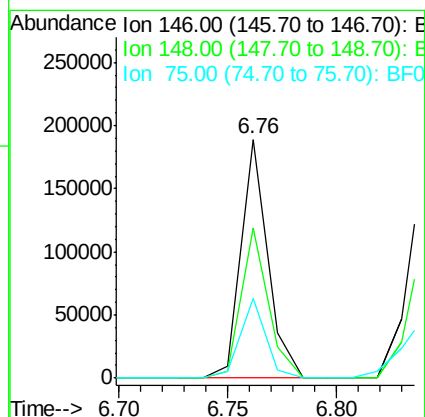
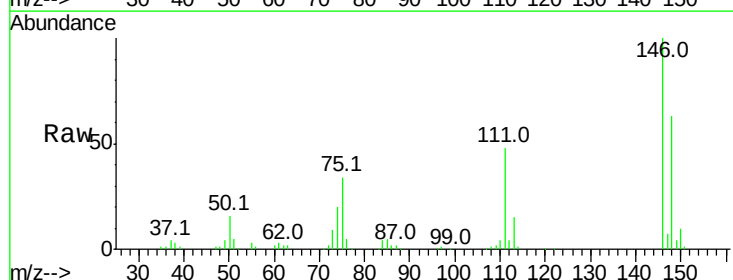
Instrument :
BNA_F
ClientSampled :
WC-01MS

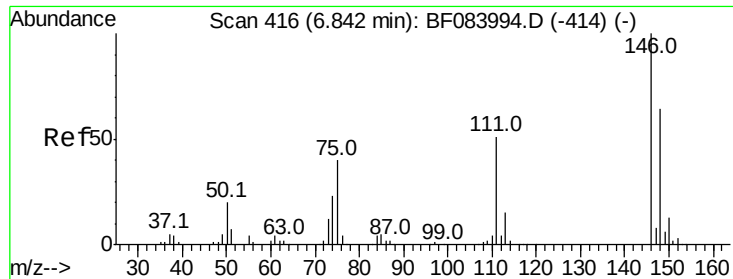
Tot Ion	Ratio	Lower	Upper
93	100		
63	60.0	45.9	85.9
95	32.9	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 46.26 ng m
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
75	33.6	20.5	30.7

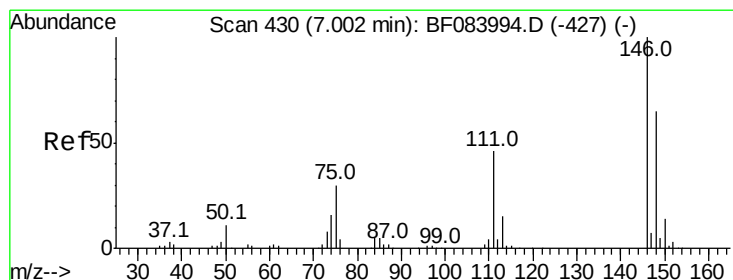
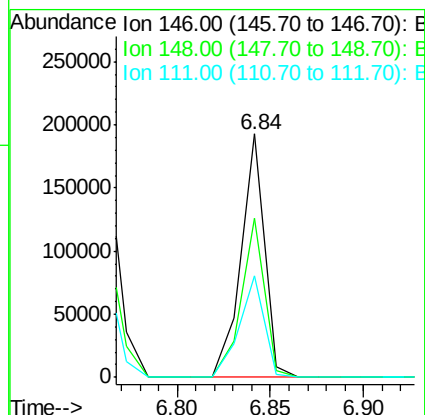
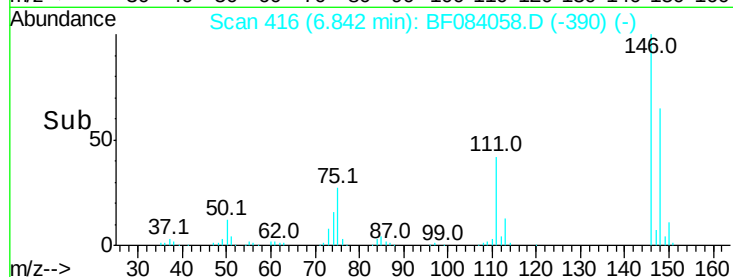
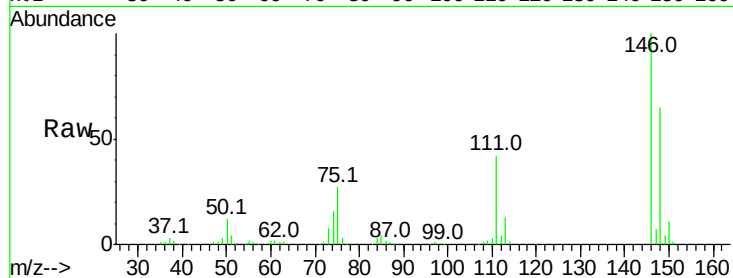




#13
 1,4-Dichlorobenzene
 Concen: 50.21 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

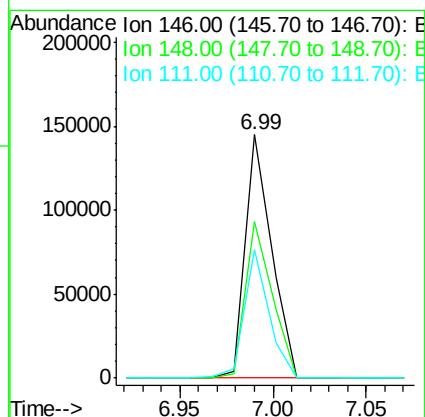
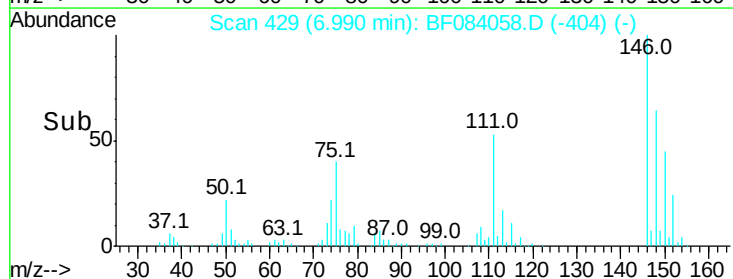
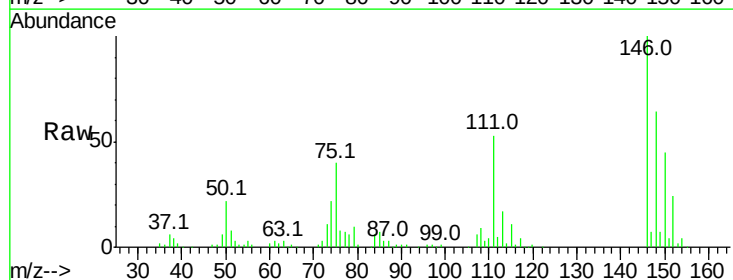
Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

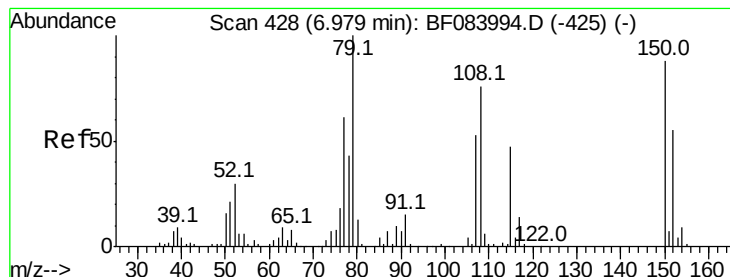
Tot Ion:146 Resp: 170726
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 41.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 44.12 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion:146 Resp: 143409
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 53.0 38.0 57.0





#15

Benzyl Alcohol

Concen: 48.09 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

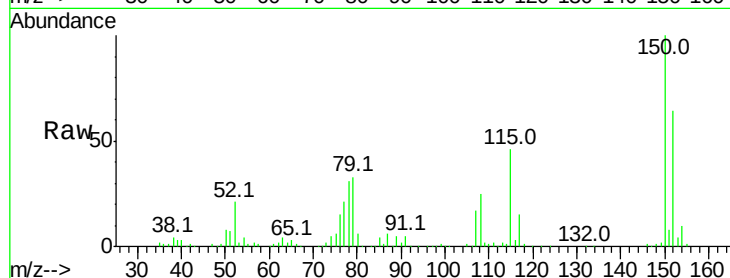
Tot Ion: 79 Resp: 121179

Ion Ratio Lower Upper

79 100

108 73.6 69.0 103.4

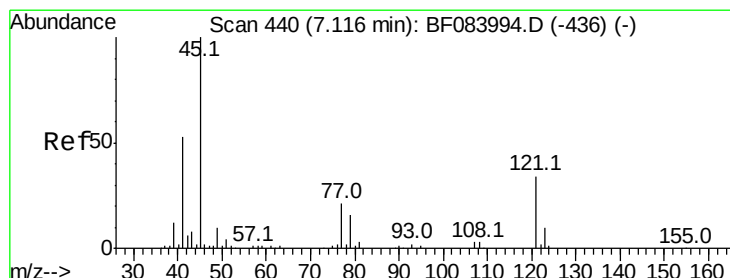
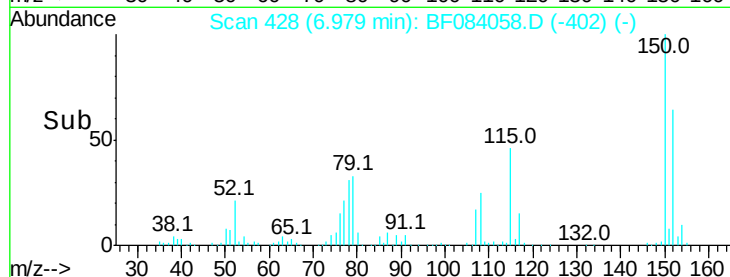
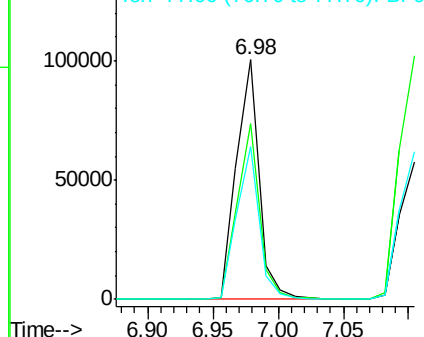
77 64.0 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.55 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

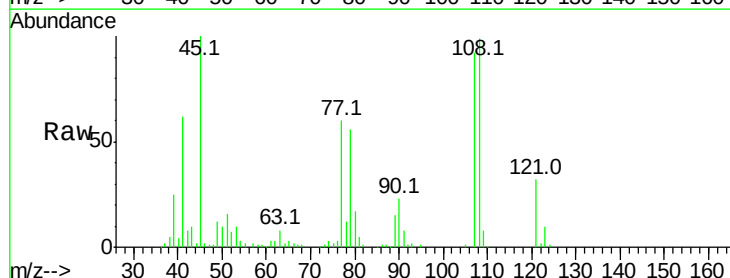
Tgt Ion: 45 Resp: 121675

Ion Ratio Lower Upper

45 100

77 59.9 0.0 39.6#

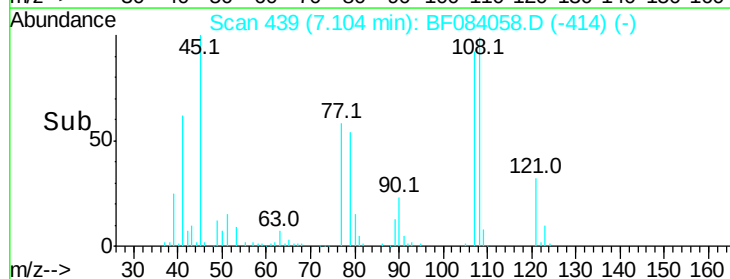
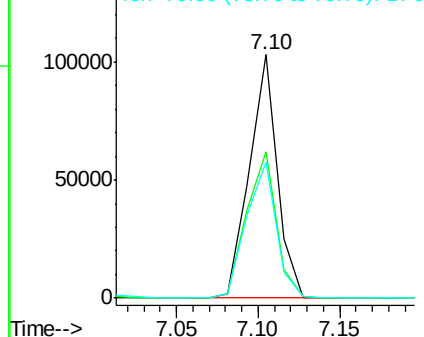
79 56.1 0.0 35.0#

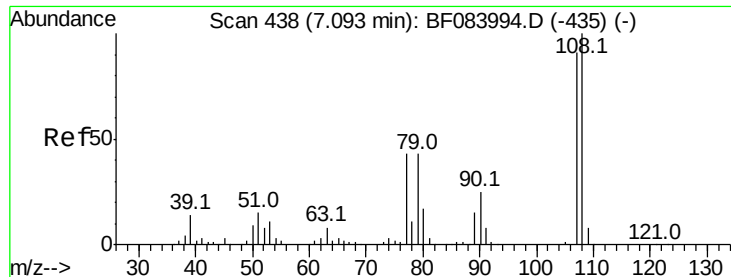


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 46.58 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

Tot Ion:107 Resp: 116297

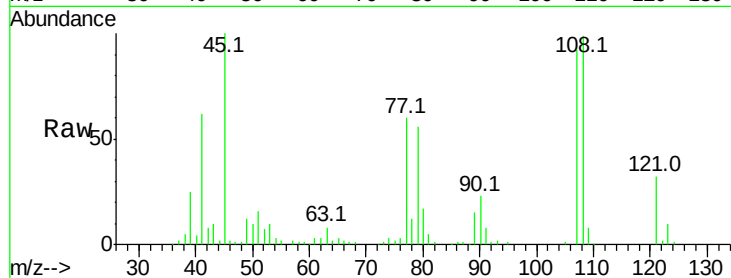
Ion Ratio Lower Upper

107 100

108 108.2 89.8 134.6

77 65.4 35.7 53.5#

79 61.3 35.7 53.5#

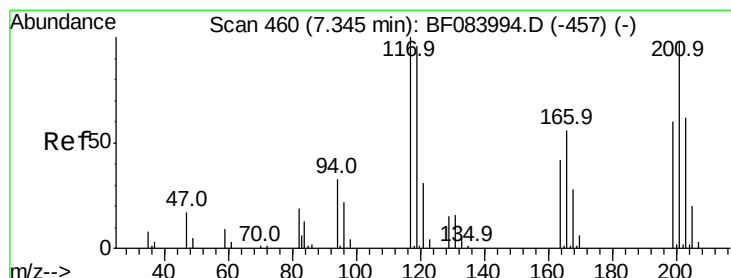
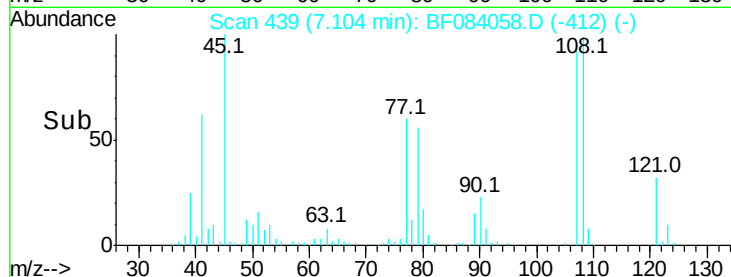
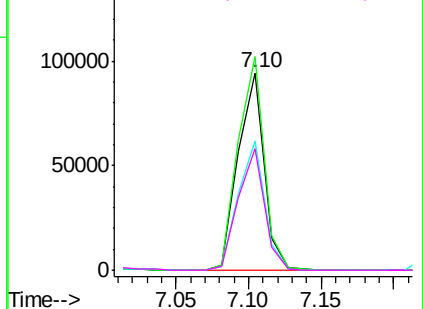


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.58 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

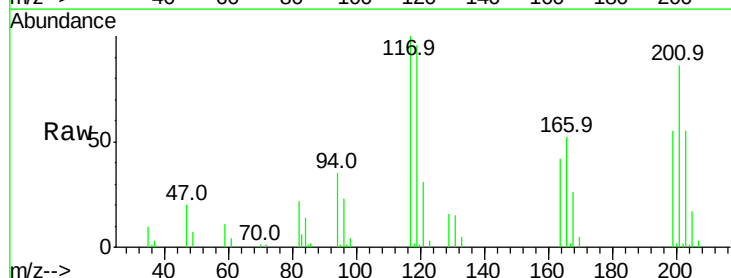
Tgt Ion:117 Resp: 60582

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

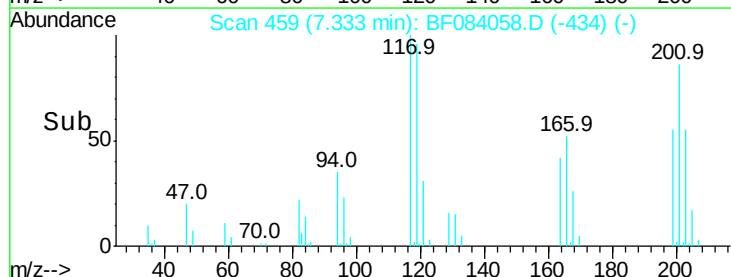
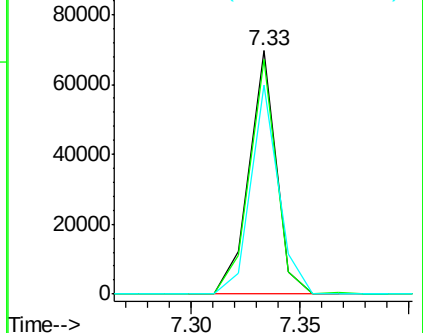
201 86.1 68.6 103.0

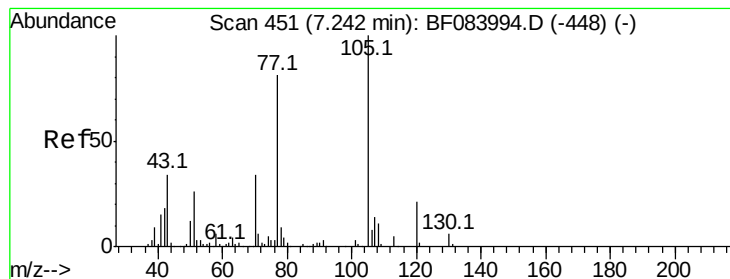


Abundance Ion 117.00 (116.70 to 117.70): E

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: 50.22 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampled :

WC-01MS

Tot Ion: 70 Resp: 97378

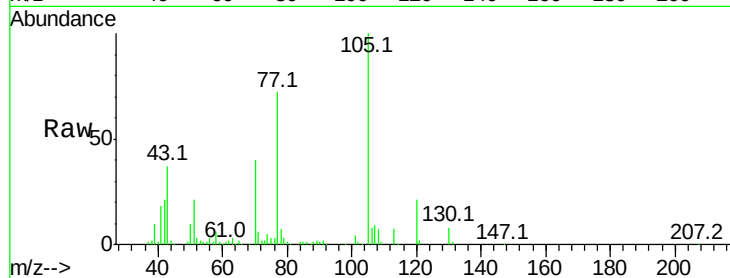
Ion Ratio Lower Upper

70 100

42 52.4 33.3 49.9#

101 9.6 9.3 13.9

130 21.1 23.4 35.0#

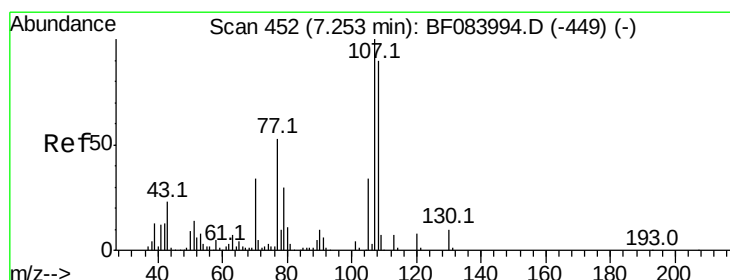
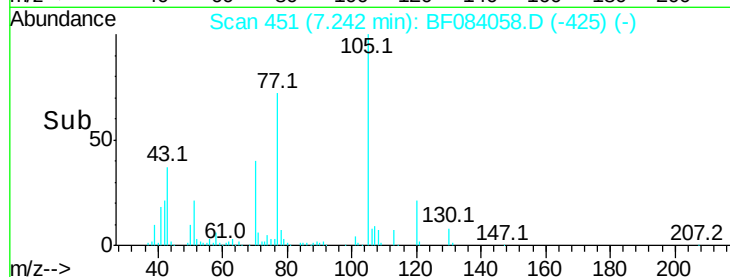
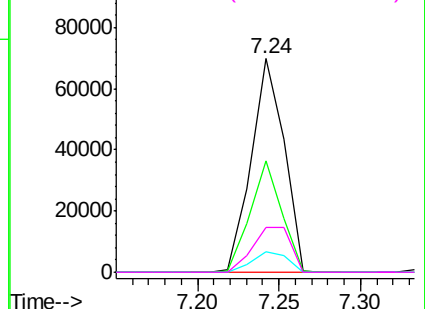


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 50.46 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Tgt Ion:107 Resp: 155469

Ion Ratio Lower Upper

107 100

108 87.3 64.1 104.1

77 39.8 128.9 168.9#

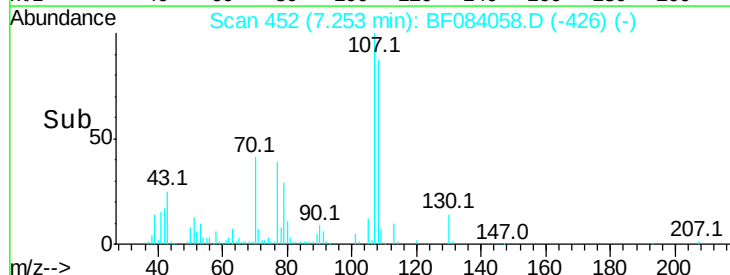
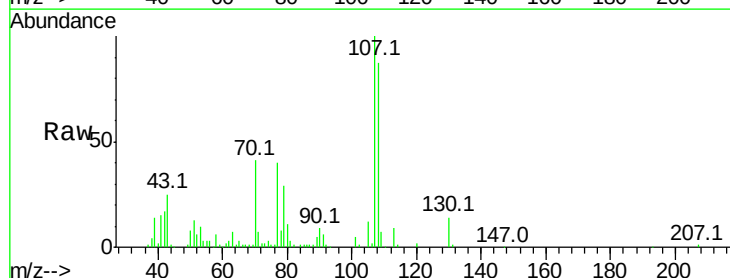
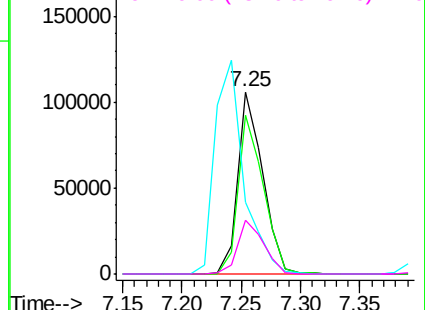
79 29.3 9.6 49.6

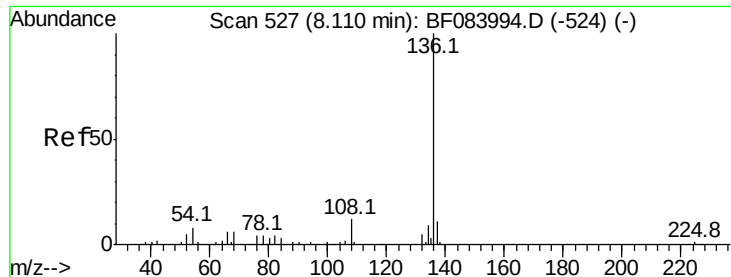
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

Tot Ion:136 Resp: 189914

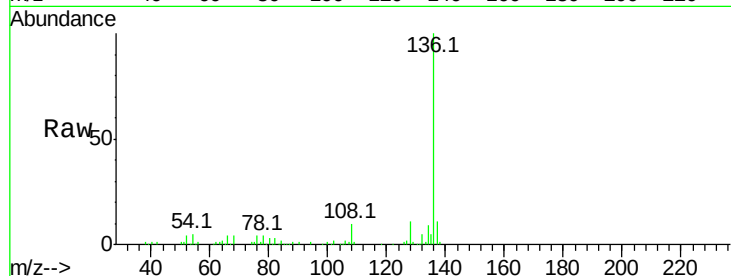
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 4.9 5.8 8.8#

68 3.7 4.2 6.2#

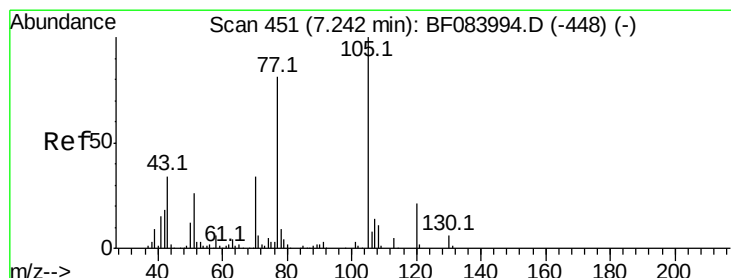
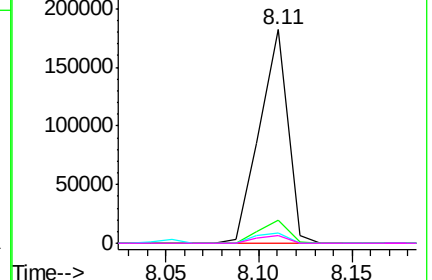
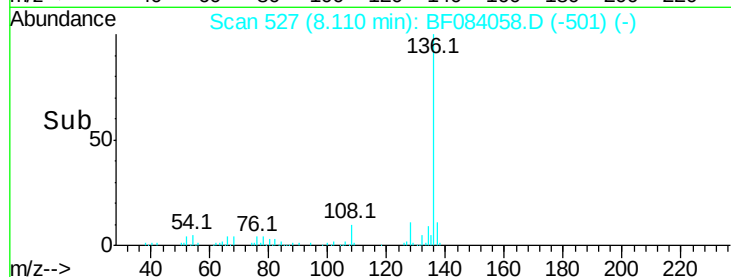


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.66 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Tgt Ion:105 Resp: 216822

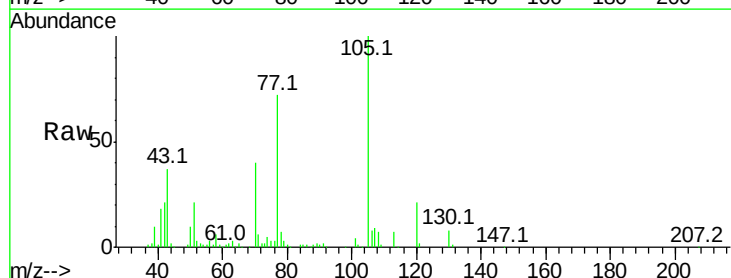
Ion Ratio Lower Upper

105 100

71 6.5 3.7 5.5#

51 20.9 25.1 37.7#

120 21.4 16.6 25.0

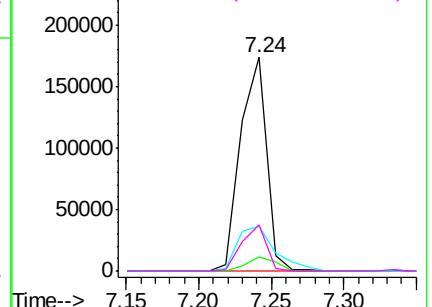
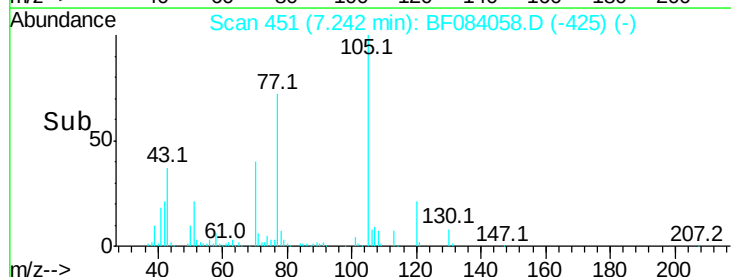


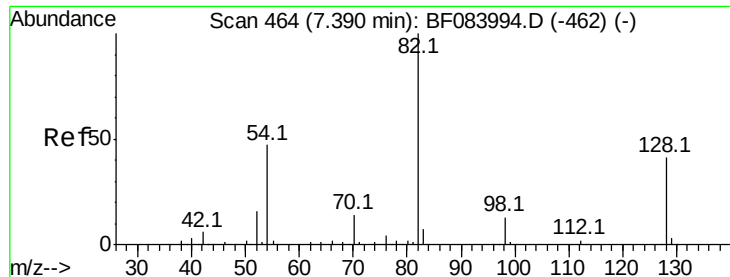
Abundance Ion 105.00 (104.70 to 105.70): E

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

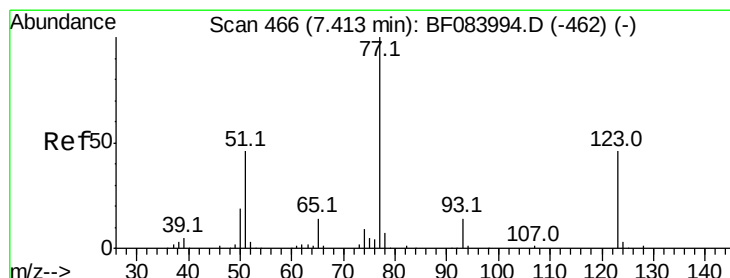
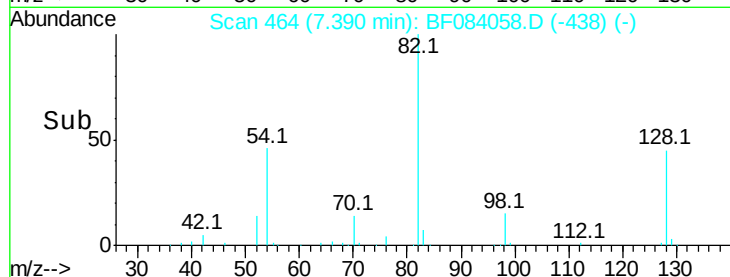
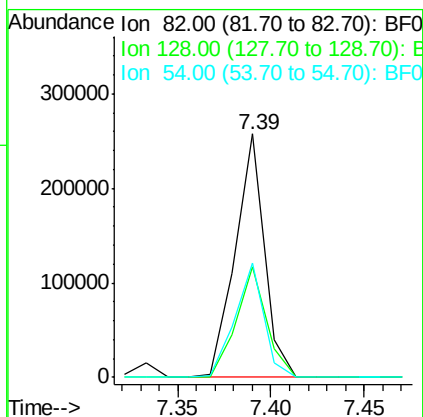
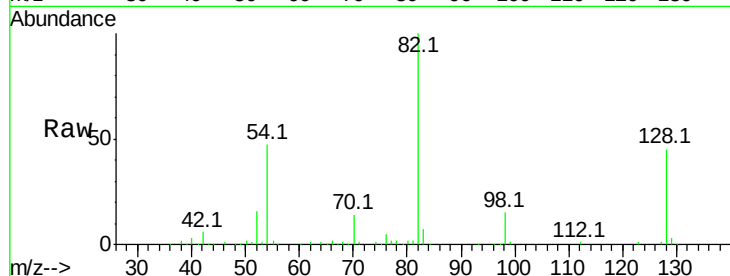




#23
 Nitrobenzene-d5
 Concen: 91.35 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

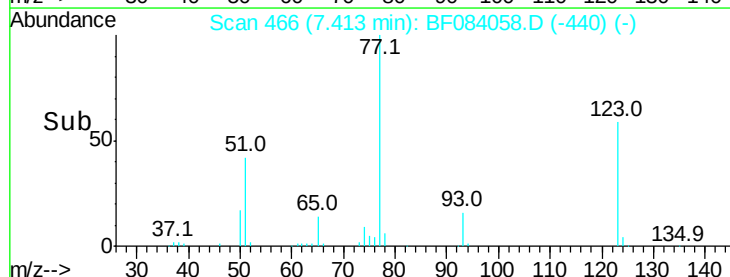
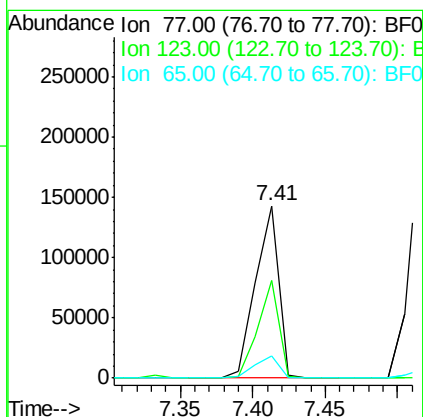
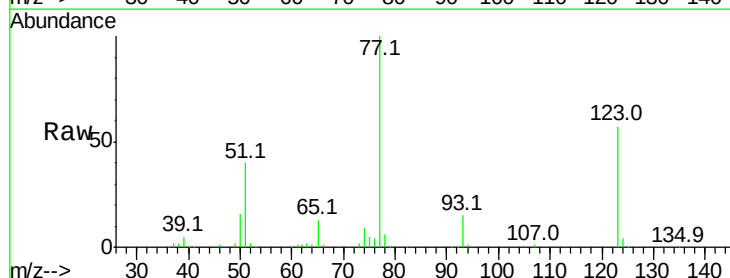
Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

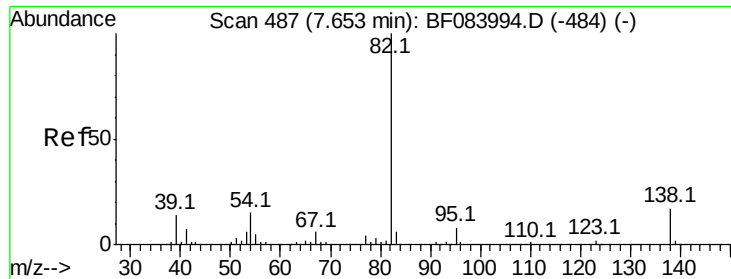
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	47.1	38.4	57.6



#24
 Nitrobenzene
 Concen: 49.80 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.1	37.4	56.2#
65	13.2	10.9	16.3





#25

Isophorone

Concen: 46.72 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

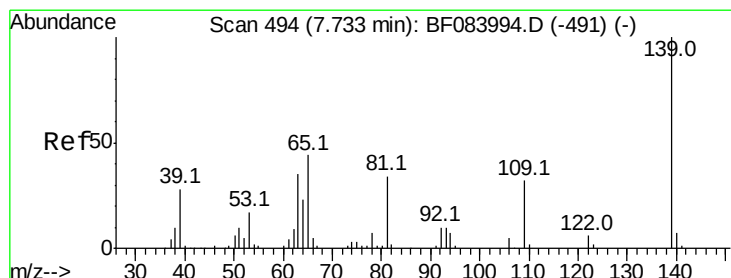
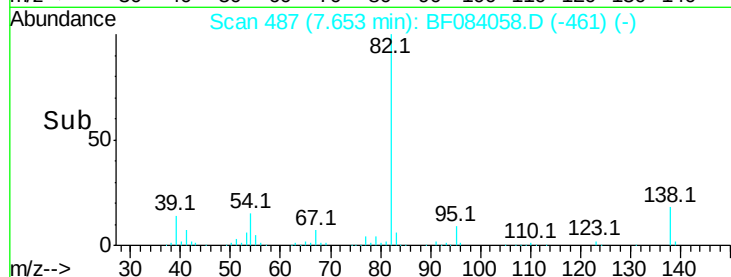
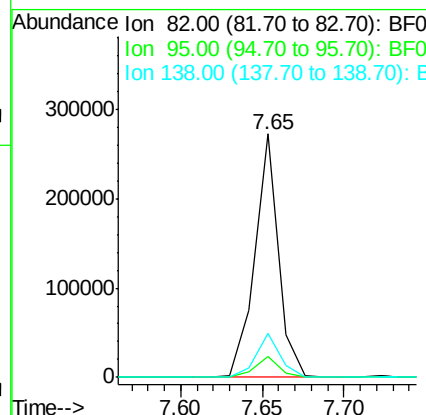
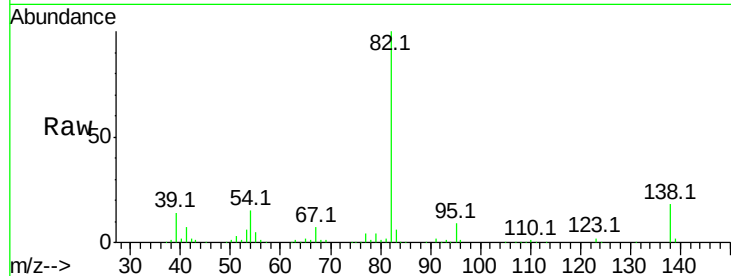
Tot Ion: 82 Resp: 273684

Ion Ratio Lower Upper

82 100

95 8.6 6.6 10.0

138 18.2 13.6 20.4



#26

2-Nitrophenol

Concen: 44.11 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

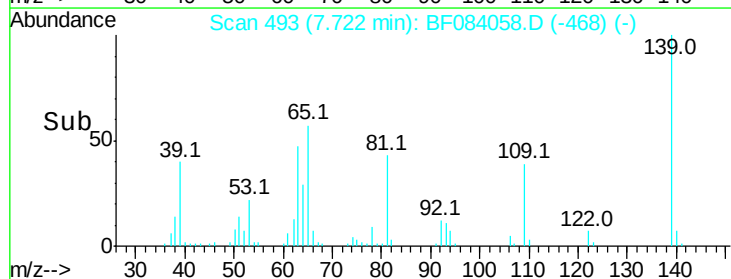
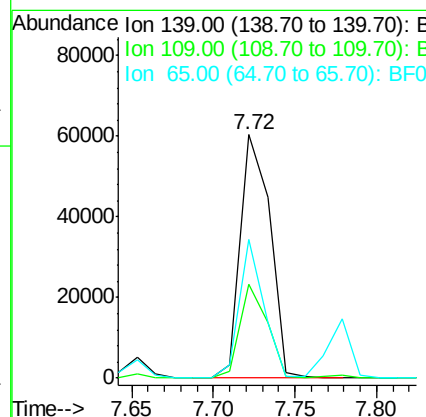
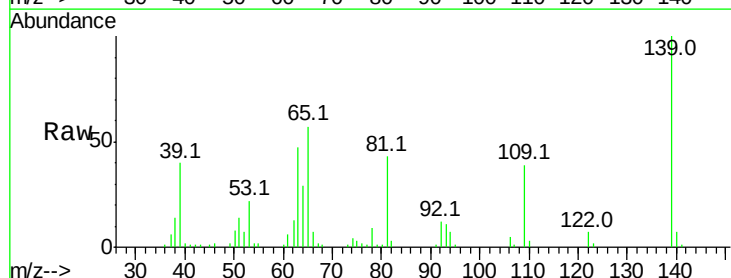
Tgt Ion: 139 Resp: 75633

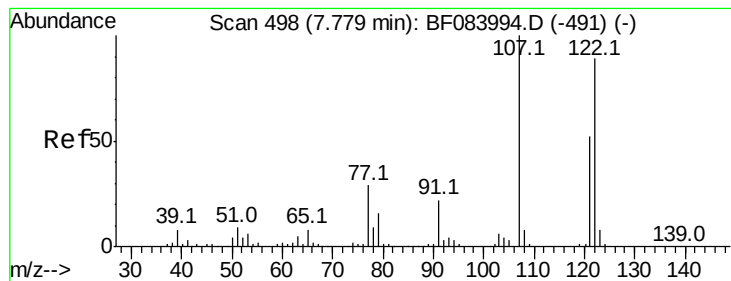
Ion Ratio Lower Upper

139 100

109 38.8 25.4 38.2#

65 56.7 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 47.51 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

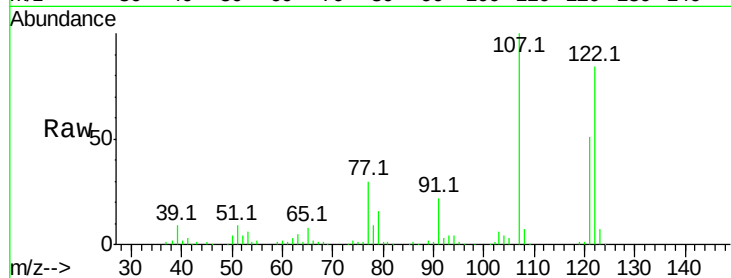
Tot Ion:122 Resp: 141978

Ion Ratio Lower Upper

122 100

107 119.0 99.1 148.7

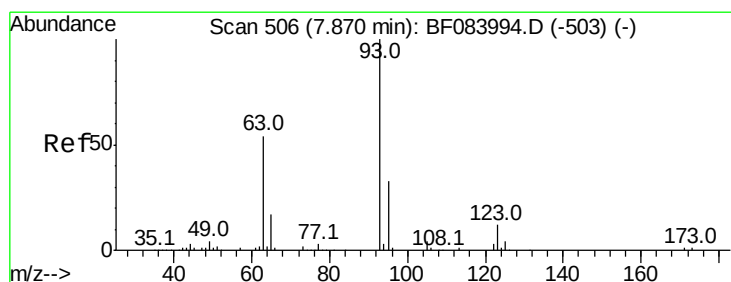
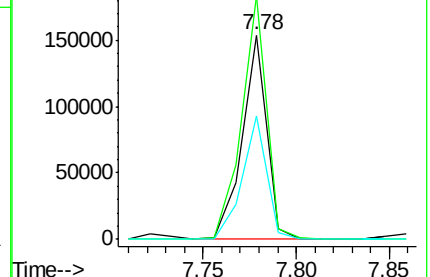
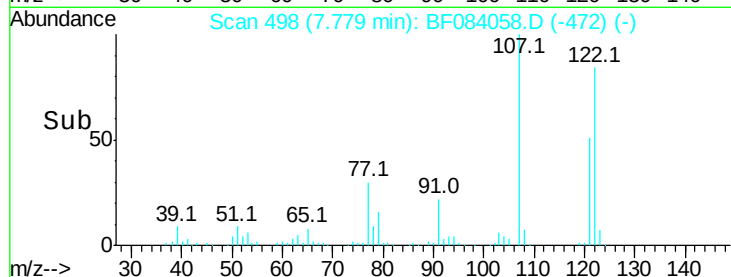
121 60.5 47.9 71.9



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: 44.53 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

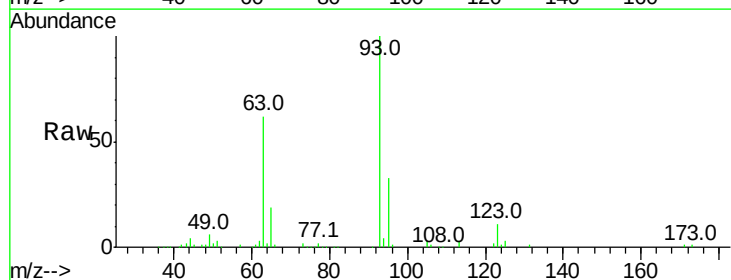
Tgt Ion: 93 Resp: 161569

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

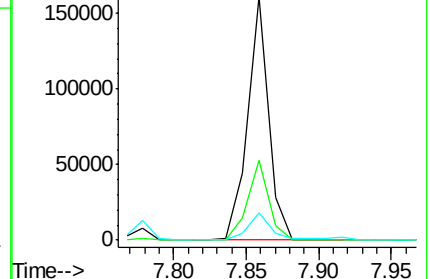
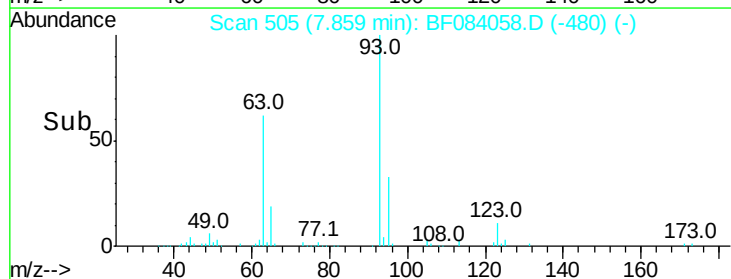
123 11.2 8.6 12.8

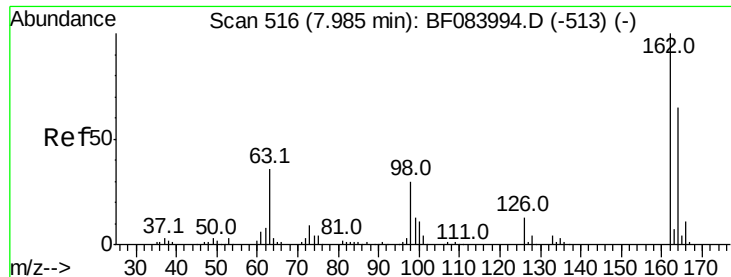


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

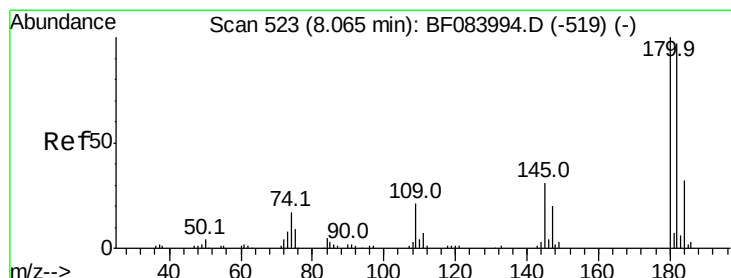
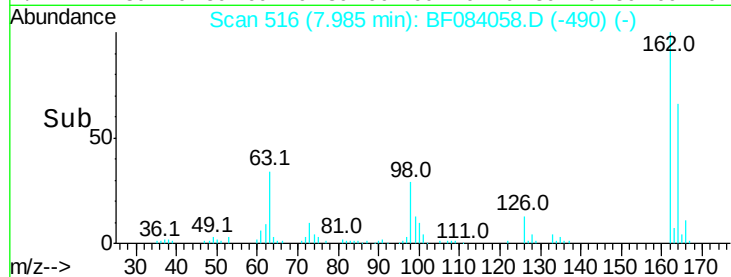
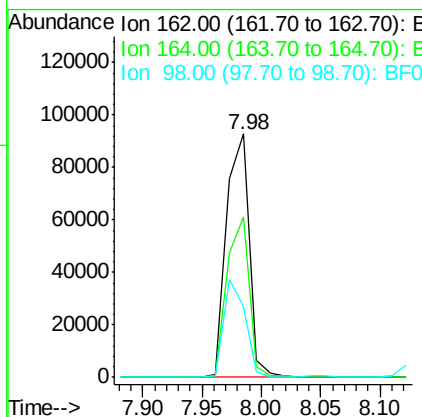
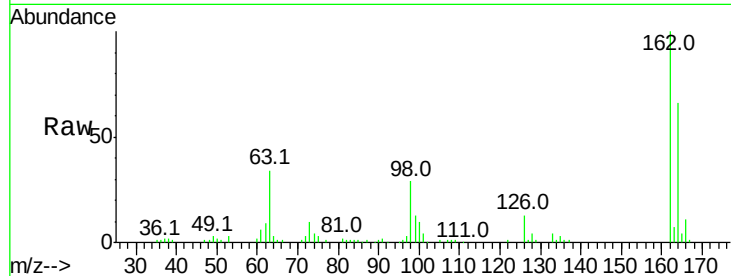




#29
 2,4-Dichlorophenol
 Concen: 45.91 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

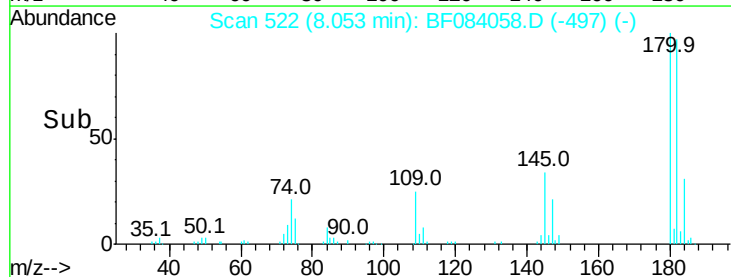
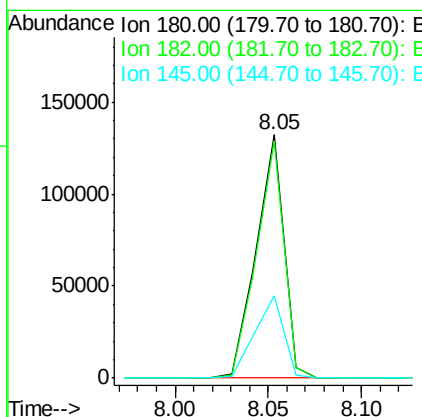
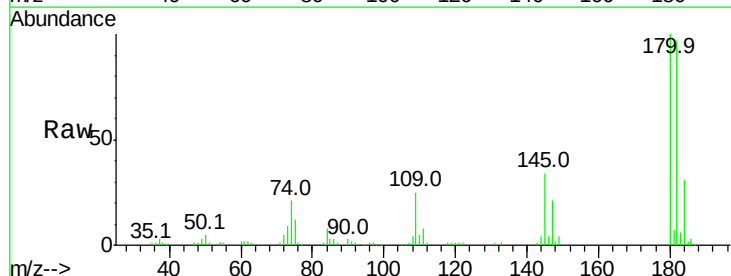
Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

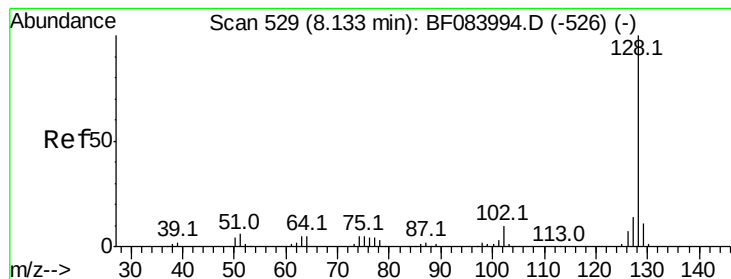
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.1	84.1
98	29.2	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.67 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.4	114.6
145	33.7	31.6	47.4





#31

Naphthalene

Concen: 54.86 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

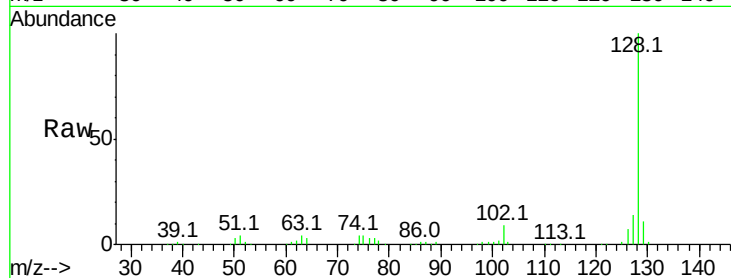
Tot Ion:128 Resp: 532264

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

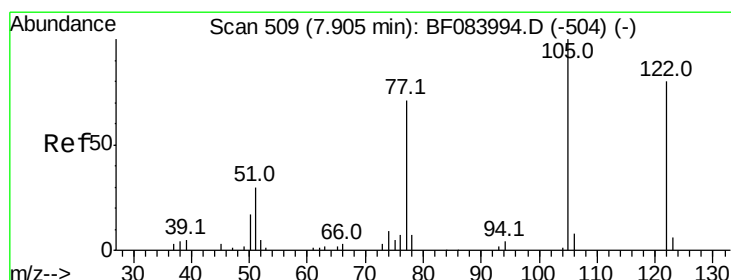
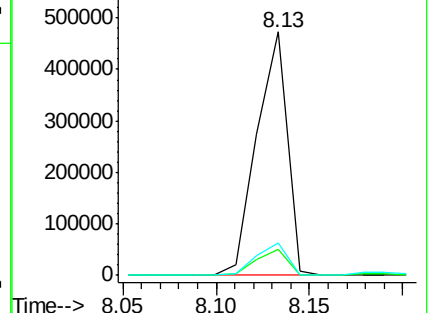
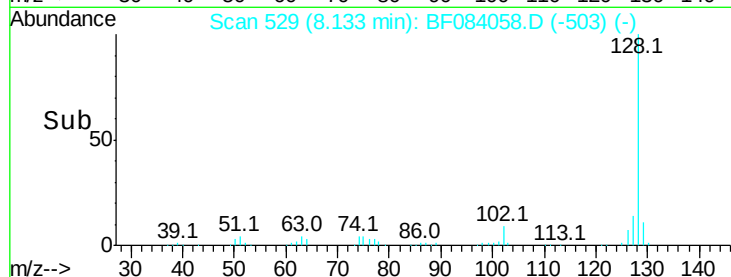
127 13.5 11.1 16.7



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: 42.20 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

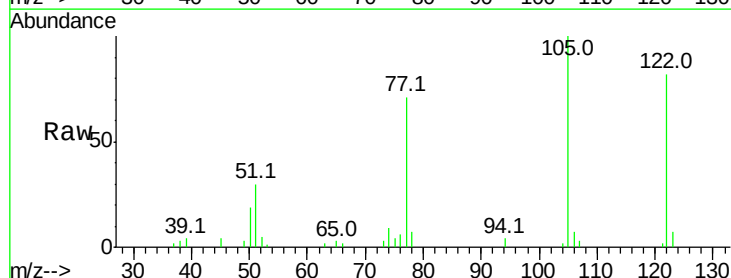
Tgt Ion:122 Resp: 57183

Ion Ratio Lower Upper

122 100

105 122.3 100.3 140.3

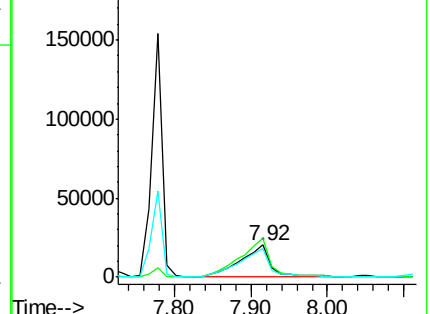
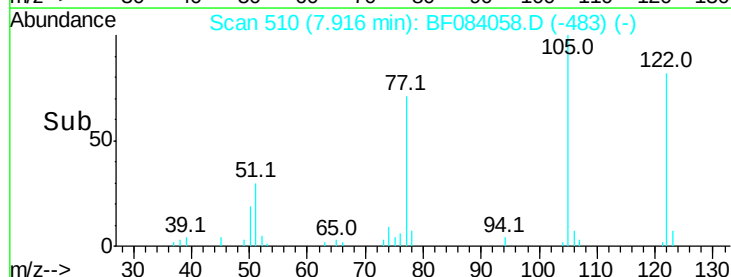
77 87.3 63.5 103.5

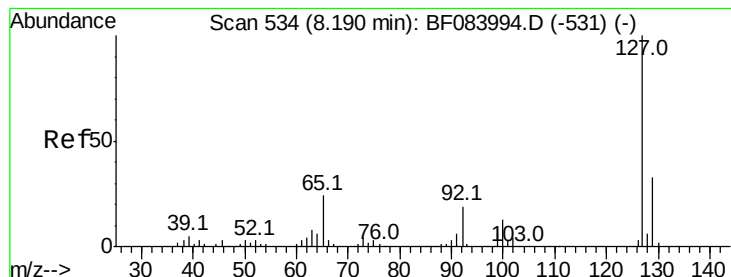


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.65 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

Tot Ion:127 Resp: 14473

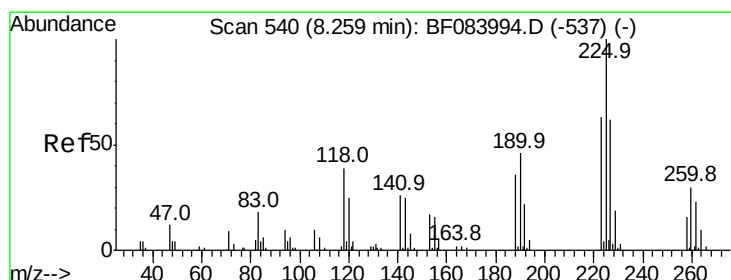
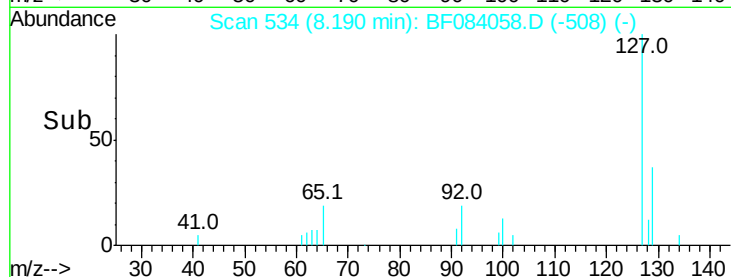
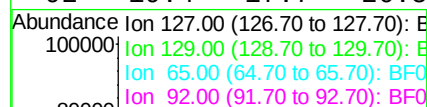
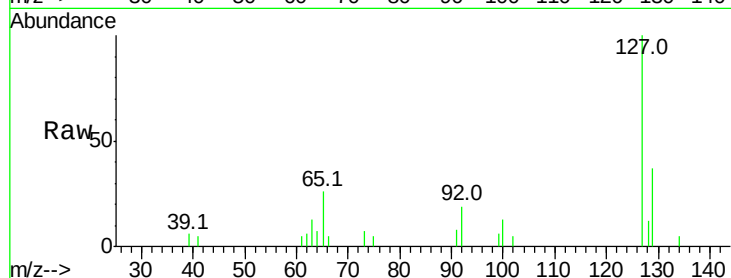
Ion Ratio Lower Upper

127 100

129 37.1 26.5 39.7

65 26.4 27.2 40.8#

92 19.4 17.7 26.5



#34

Hexachlorobutadiene

Concen: 44.80 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

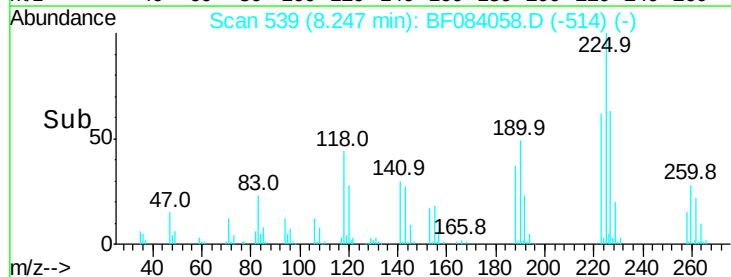
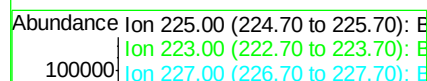
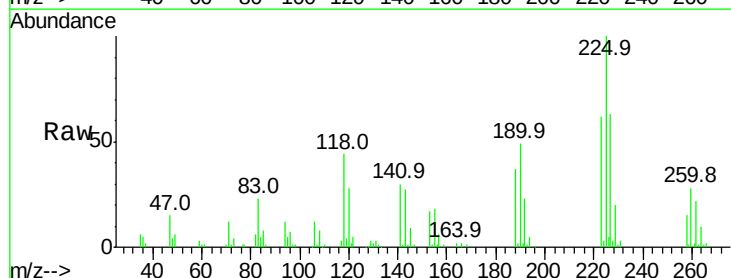
Tgt Ion:225 Resp: 74575

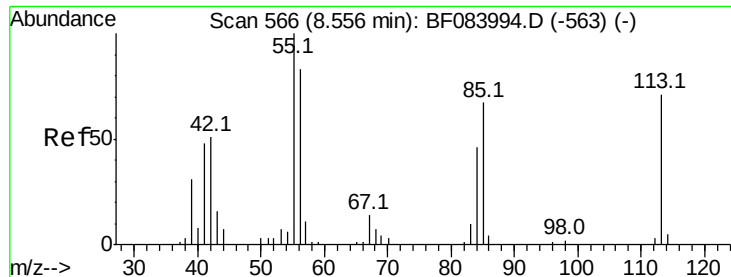
Ion Ratio Lower Upper

225 100

223 61.9 49.4 74.0

227 62.7 50.8 76.2





#35

Caprolactam

Concen: 36.56 ng/ml

RT: 8.57 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

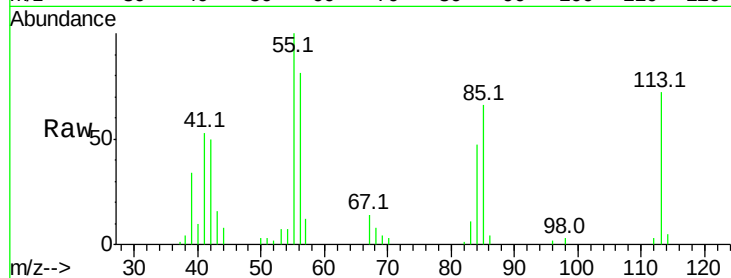
Tot Ion:113 Resp: 29333

Ion Ratio Lower Upper

113 100

55 139.1 116.9 156.9

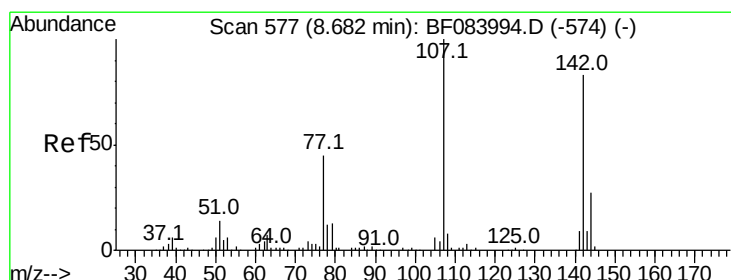
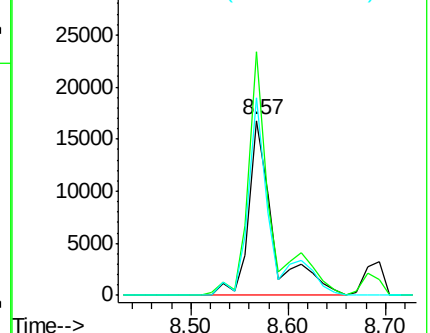
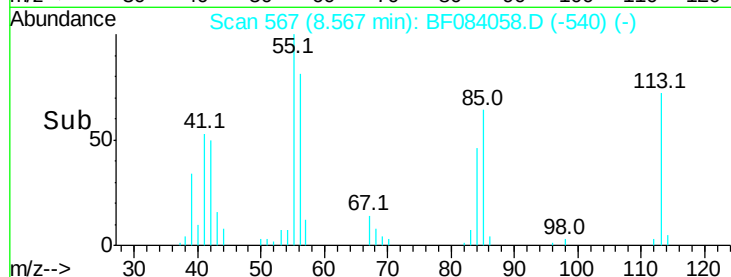
56 112.9 93.8 133.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.38 ng/ml

RT: 8.69 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

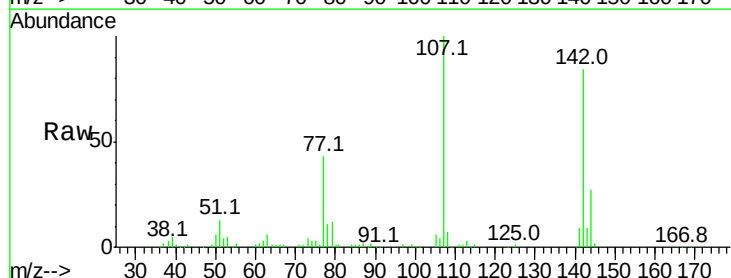
Tgt Ion:107 Resp: 141023

Ion Ratio Lower Upper

107 100

144 27.2 19.7 29.5

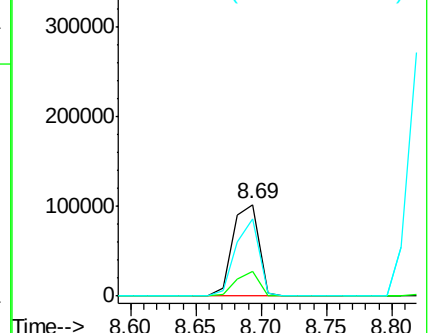
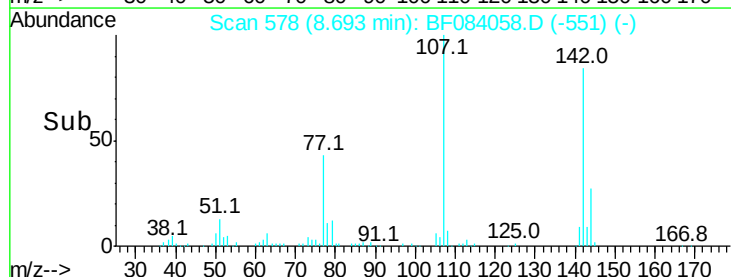
142 83.8 61.8 92.6

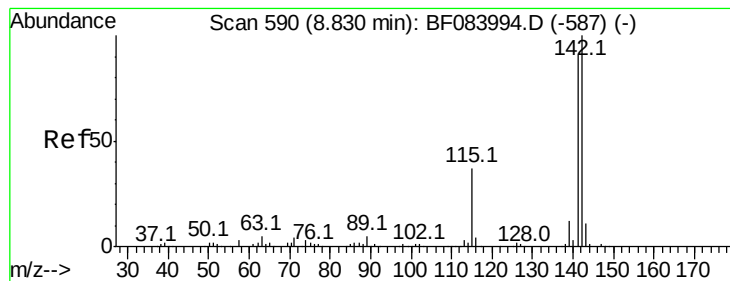


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.81 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

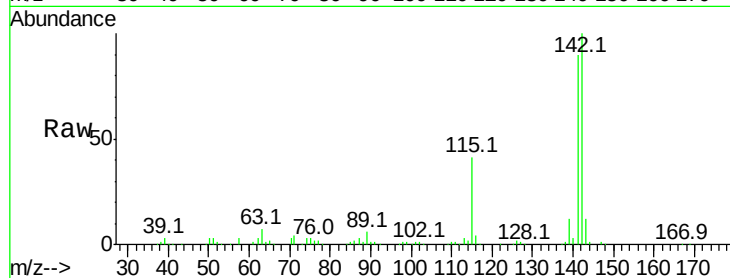
Tot Ion:142 Resp: 294119

Ion Ratio Lower Upper

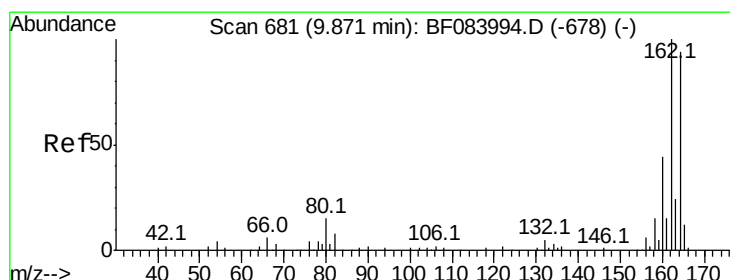
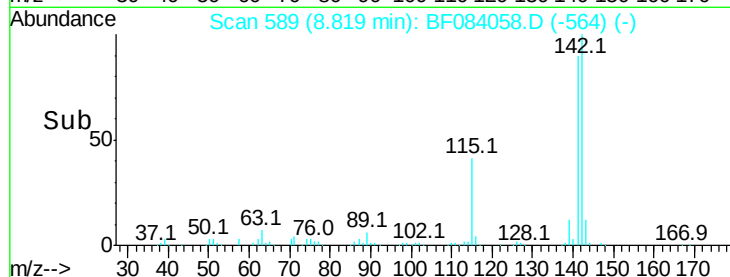
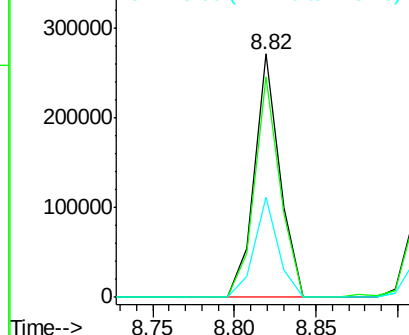
142 100

141 90.4 72.4 108.6

115 40.9 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

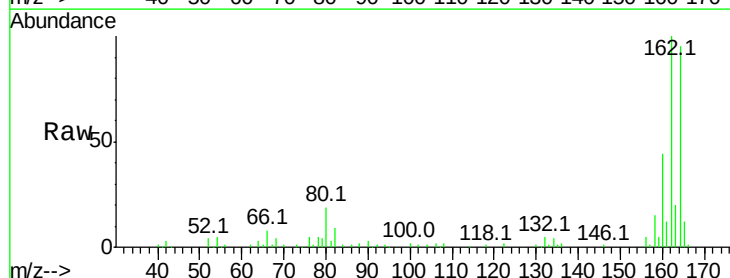
Tgt Ion:164 Resp: 85637

Ion Ratio Lower Upper

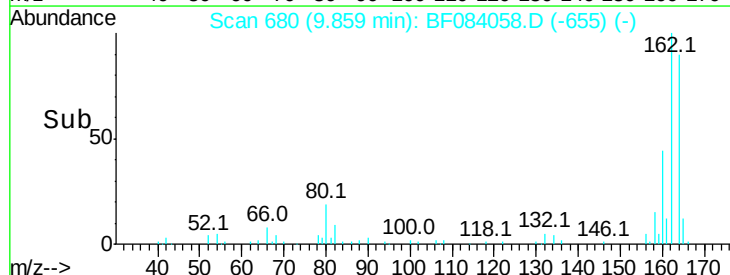
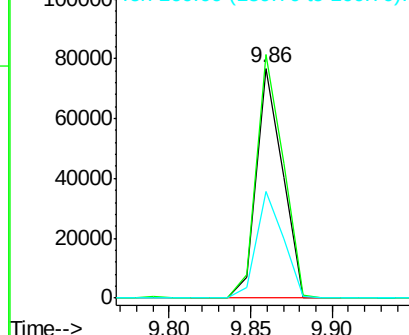
164 100

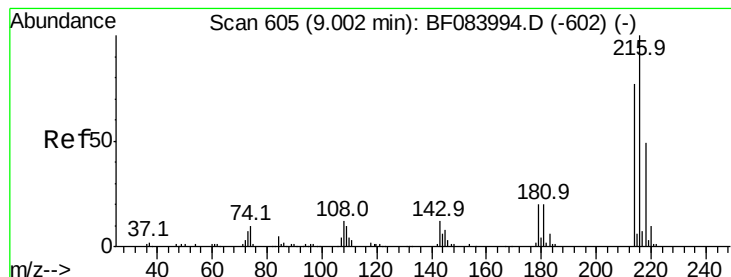
162 105.8 85.1 127.7

160 46.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.30 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

Tot Ion:216 Resp: 132058

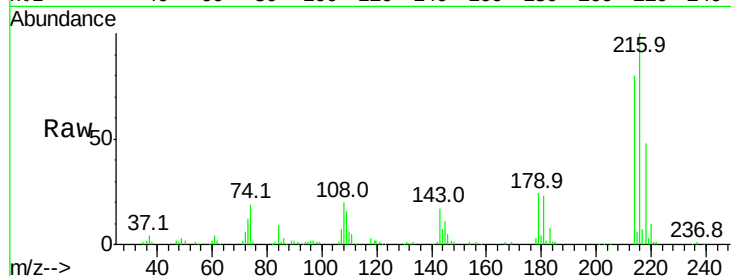
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 24.2 18.7 28.1

108 21.4 16.8 25.2

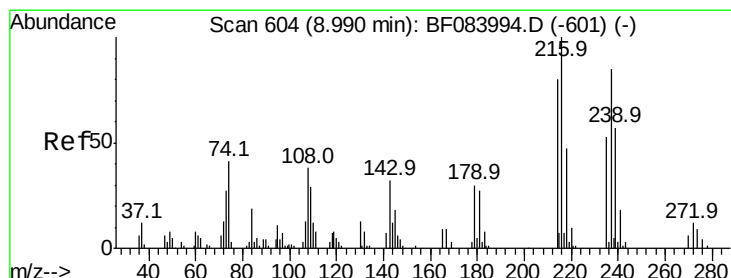
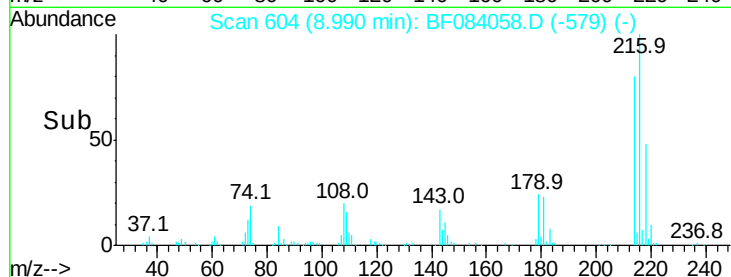
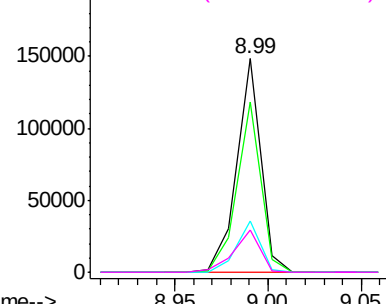


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.11 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

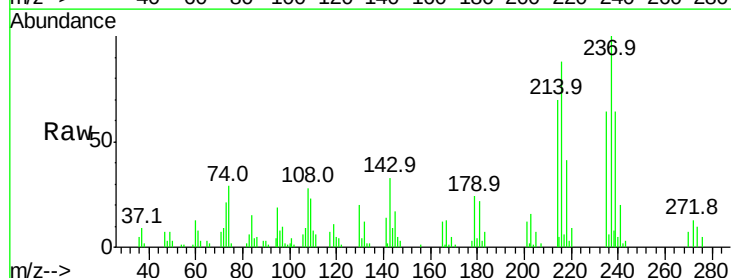
Tgt Ion:237 Resp: 31178

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

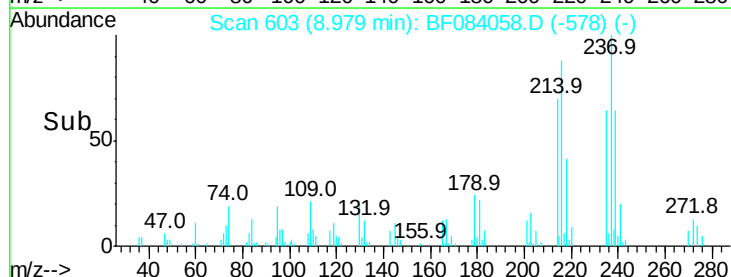
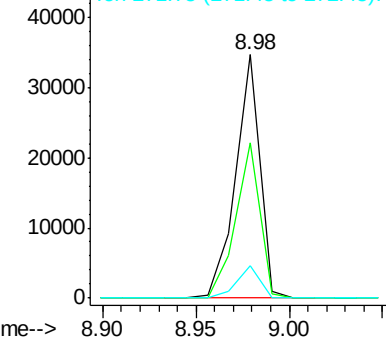
272 13.1 0.0 35.1

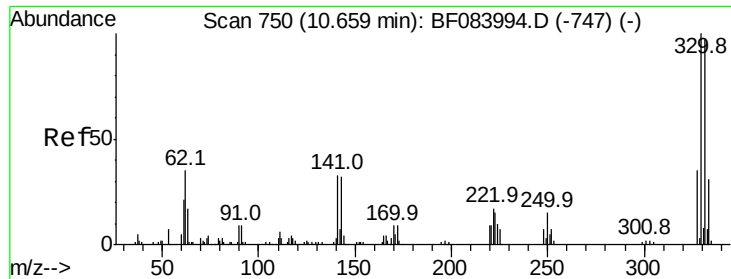


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

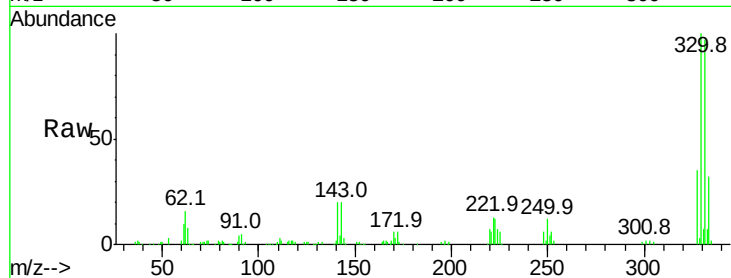




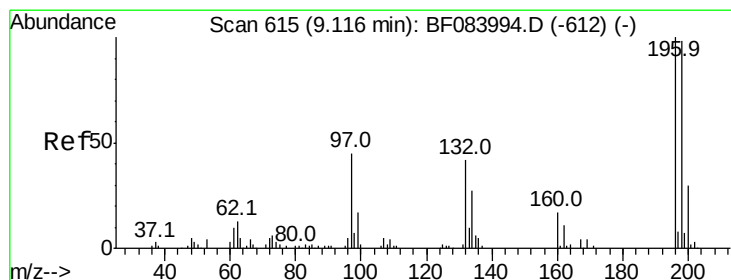
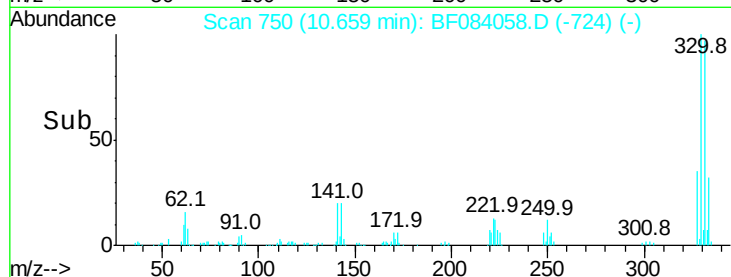
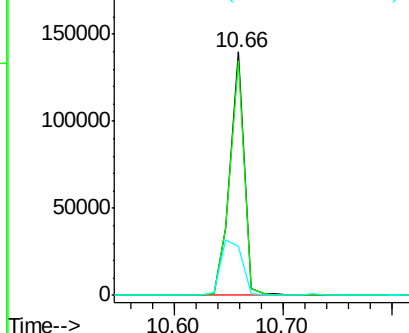
#41
 2,4,6-Tribromophenol
 Concen: 155.58 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	34.1	27.8	41.6

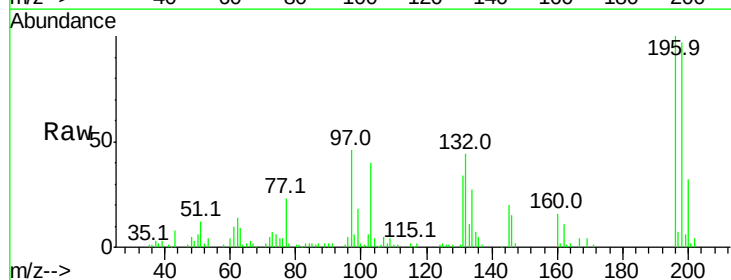


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

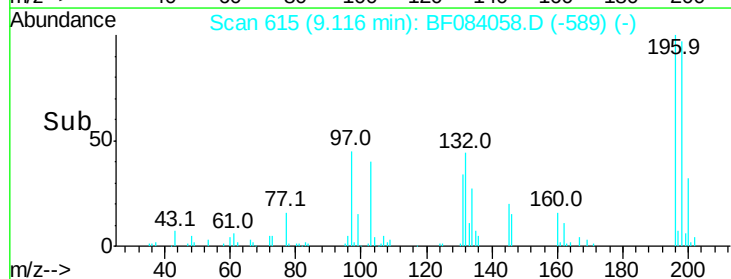
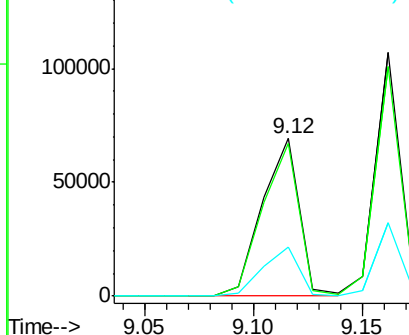


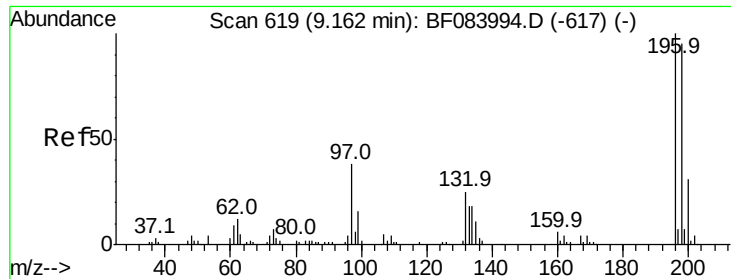
#42
 2,4,6-Trichlorophenol
 Concen: 53.32 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.7	116.5
200	31.5	24.6	37.0



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

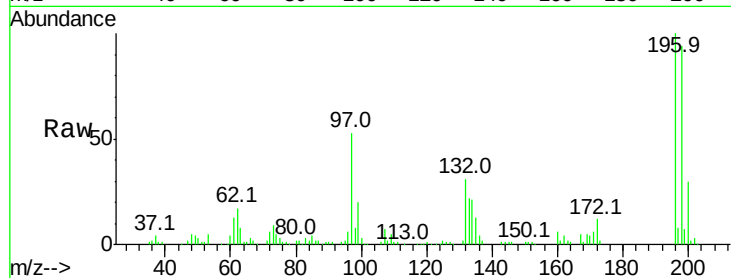




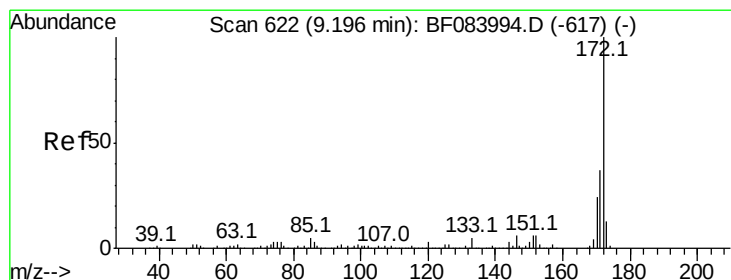
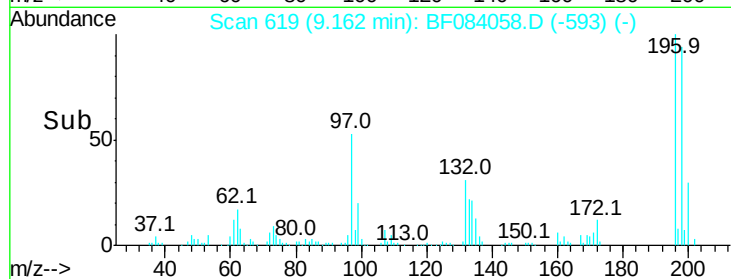
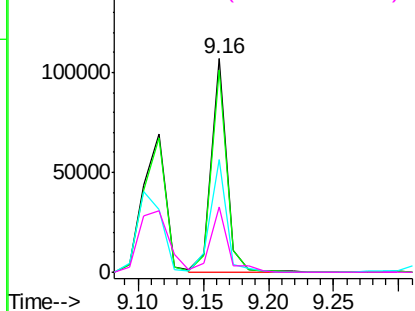
#43
 2,4,5-Trichlorophenol
 Concen: 55.10 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

Tot Ion:	196	Resp:	88911
Ion	Ratio	Lower	Upper
196	100		
198	94.4	79.0	118.6
97	52.9	33.0	49.6#
132	30.8	21.1	31.7

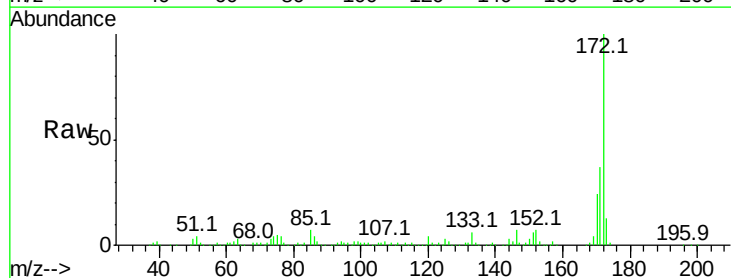


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

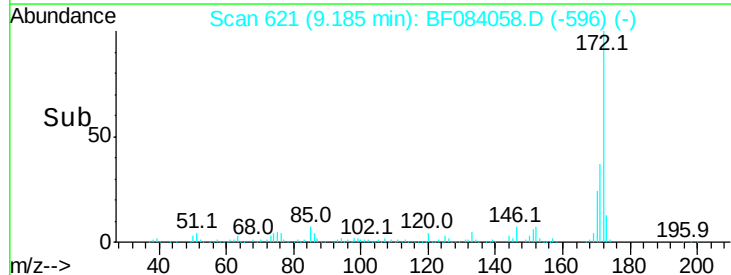
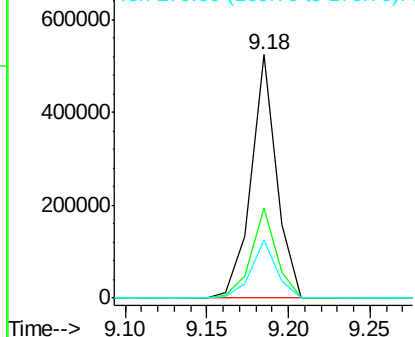


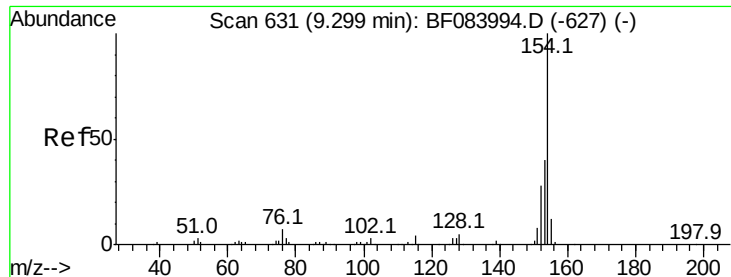
#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion:	172	Resp:	567473
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.1	18.6	27.8



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: 51.00 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

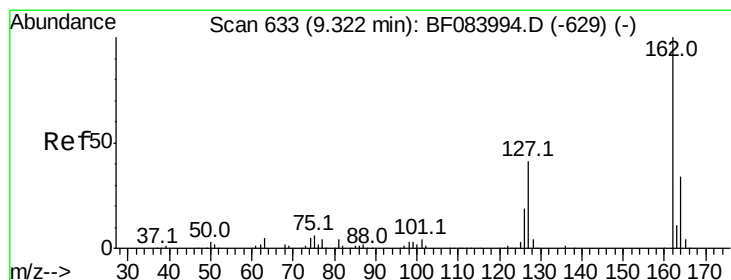
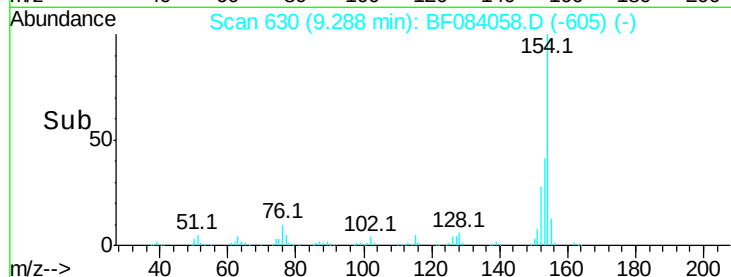
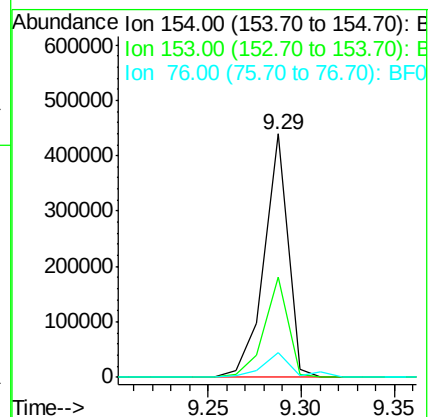
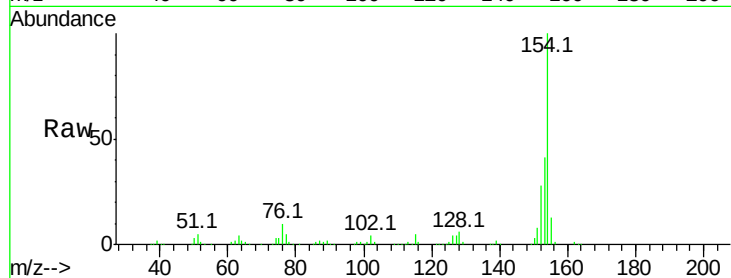
Tot Ion:154 Resp: 386118

Ion Ratio Lower Upper

154 100

153 41.3 21.6 61.6

76 10.2 0.0 32.7



#46

2-Chloronaphthalene

Concen: 49.92 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

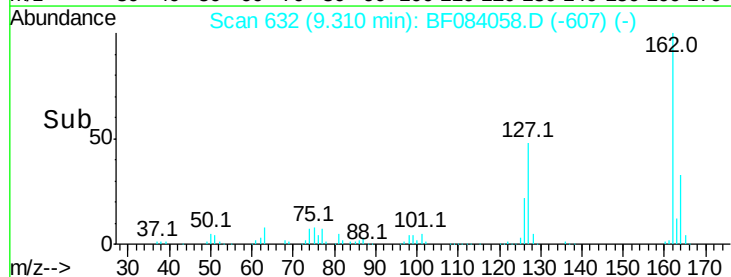
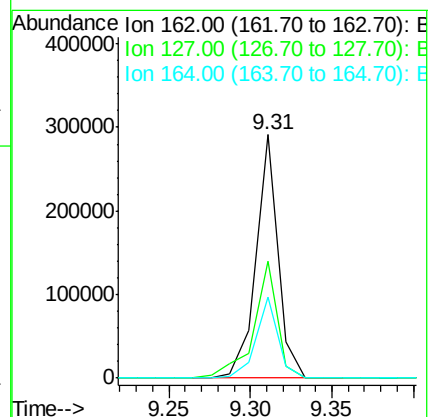
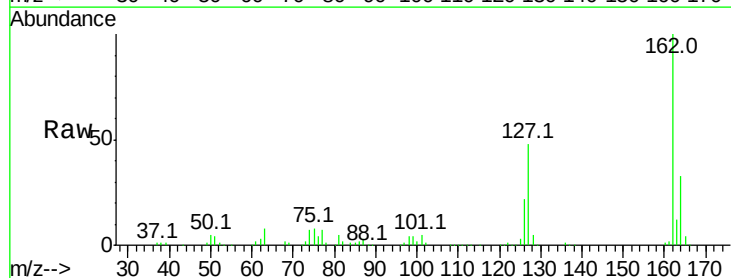
Tgt Ion:162 Resp: 272078

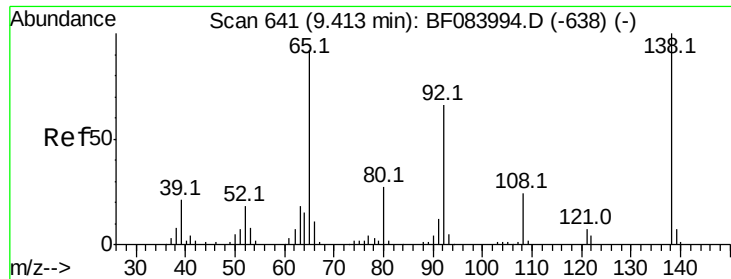
Ion Ratio Lower Upper

162 100

127 48.0 40.2 60.4

164 33.1 25.7 38.5

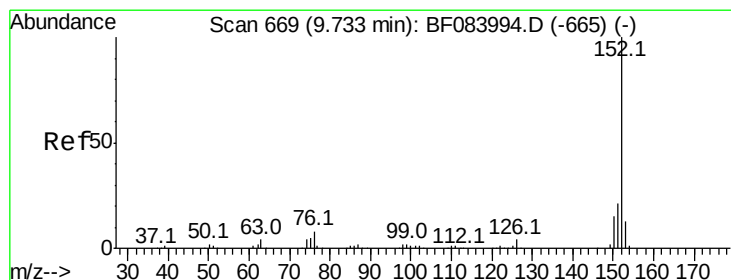
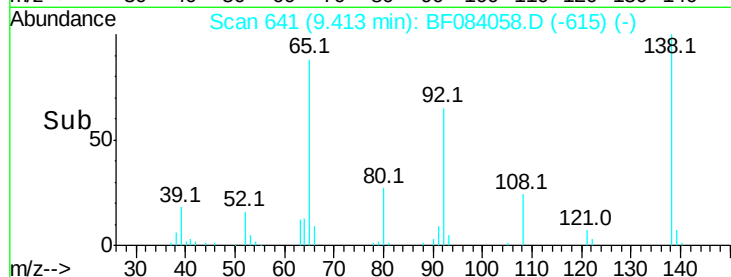
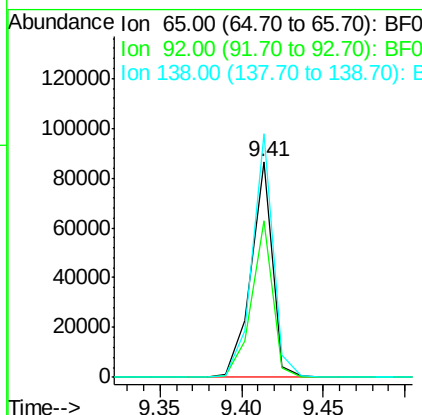
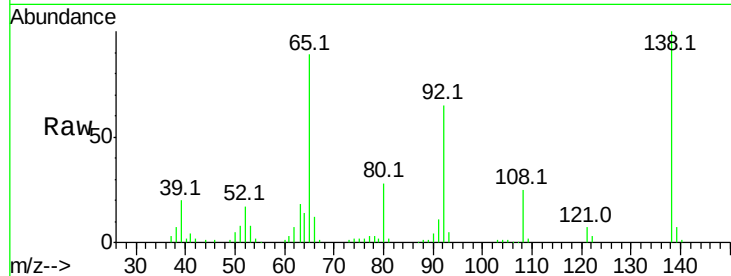




#47
2-Nitroaniline
Concen: 53.28 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

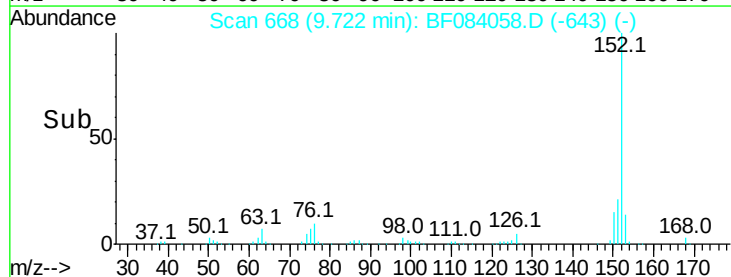
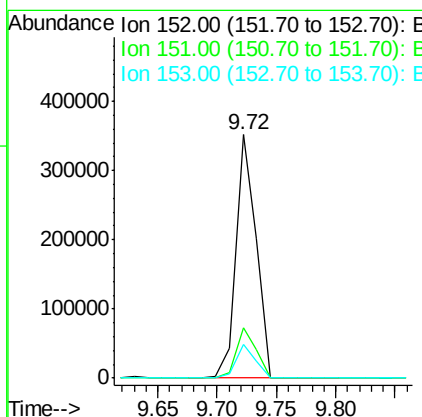
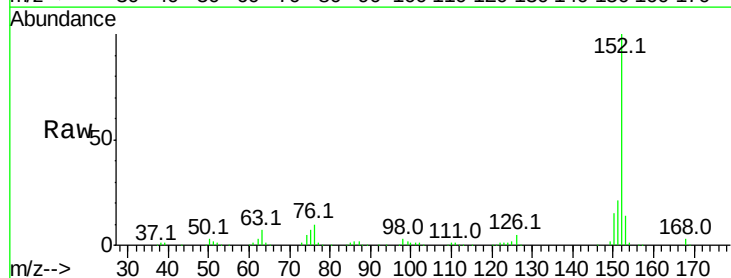
Instrument :
BNA_F
ClientSampleId :
WC-01MS

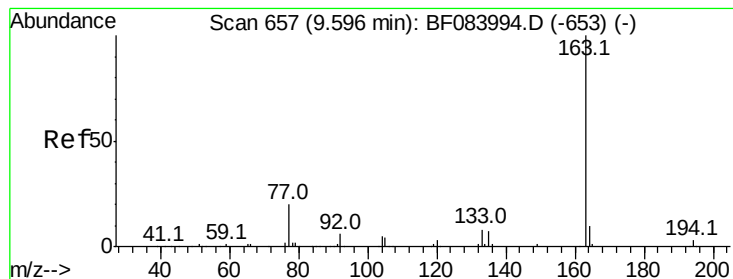
Tot Ion: 65 Resp: 79156
Ion Ratio Lower Upper
65 100
92 72.8 53.4 80.2
138 112.7 71.1 106.7#



#48
Acenaphthylene
Concen: 47.85 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion: 152 Resp: 412960
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 53.50 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

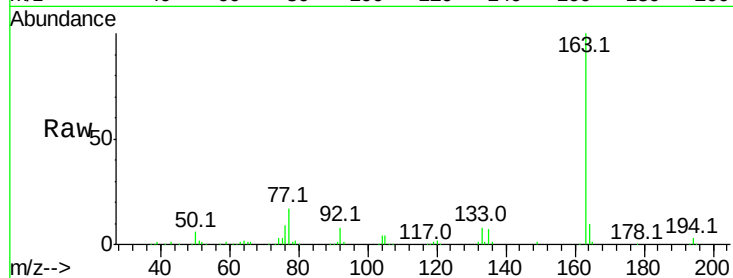
Tot Ion:163 Resp: 358536

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

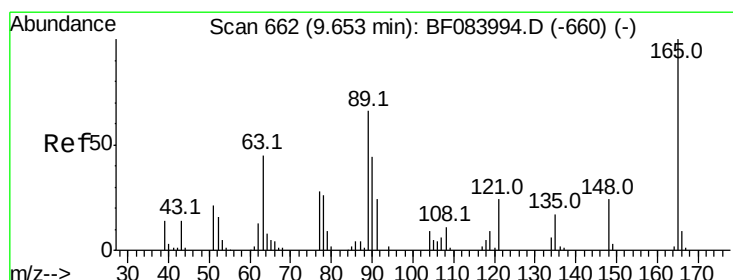
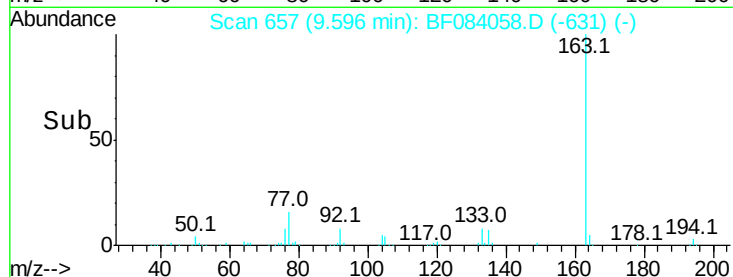
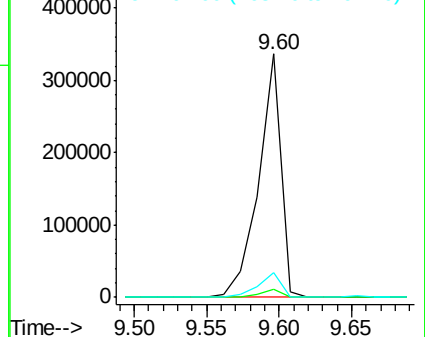
164 10.0 8.0 12.0



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: 48.06 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

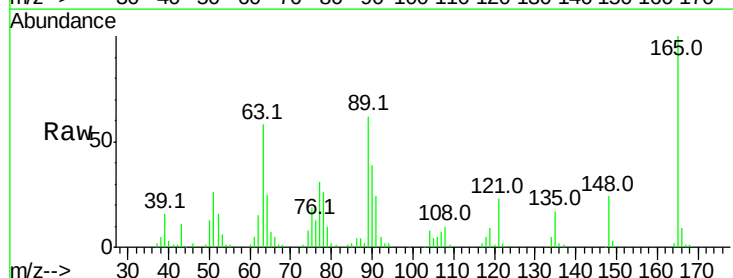
Tgt Ion:165 Resp: 67972

Ion Ratio Lower Upper

165 100

63 58.4 28.8 43.2#

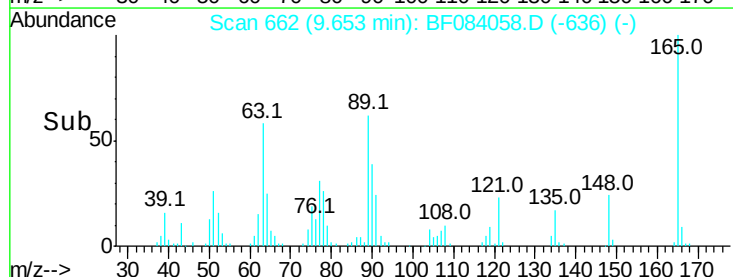
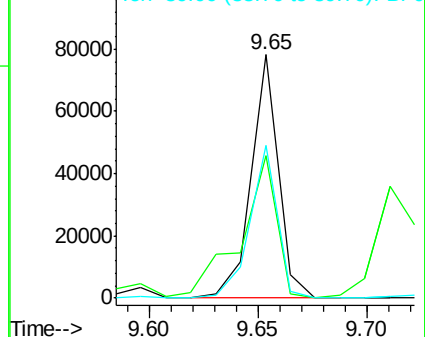
89 62.5 35.1 52.7#

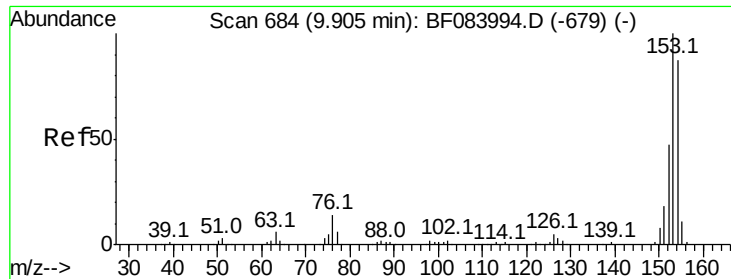


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.66 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

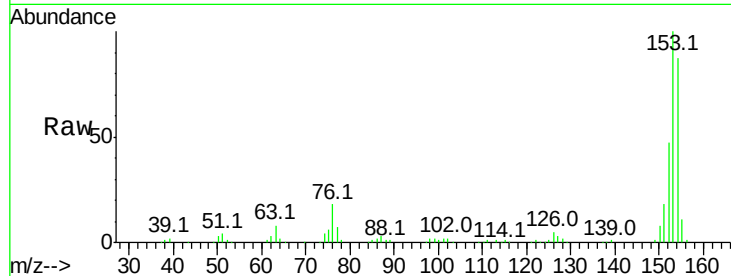
Tot Ion:154 Resp: 244594

Ion Ratio Lower Upper

154 100

153 115.6 91.5 137.3

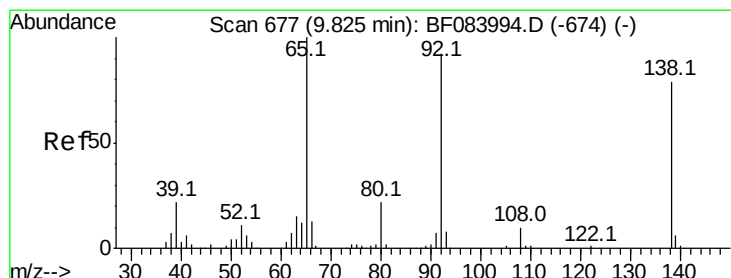
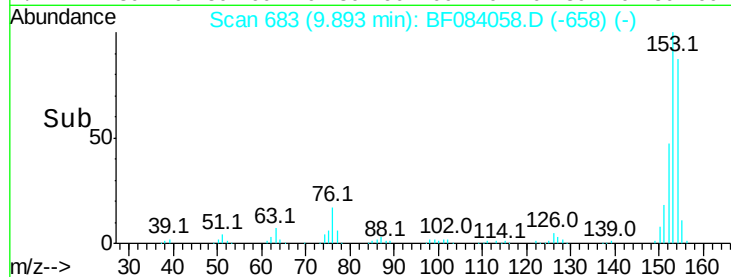
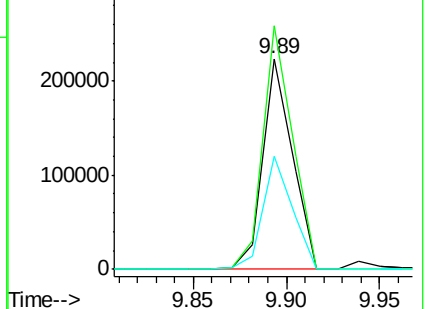
152 53.8 43.0 64.6



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: 10.78 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

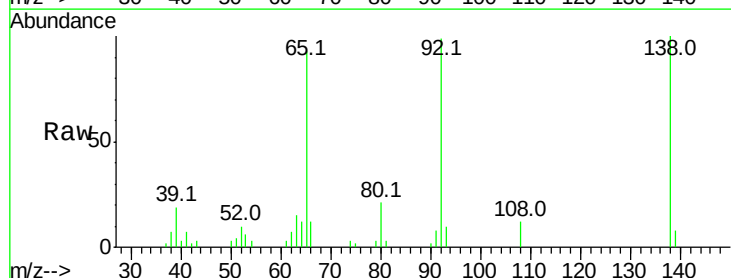
Tgt Ion:138 Resp: 16190

Ion Ratio Lower Upper

138 100

108 12.0 10.5 15.7

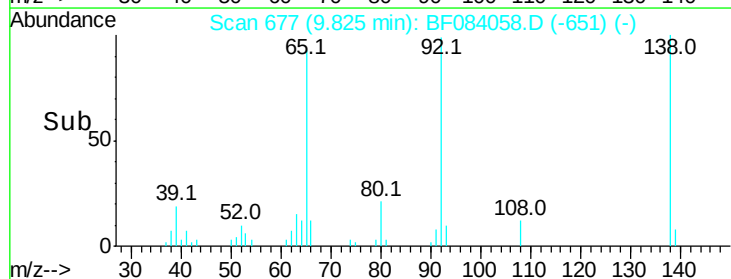
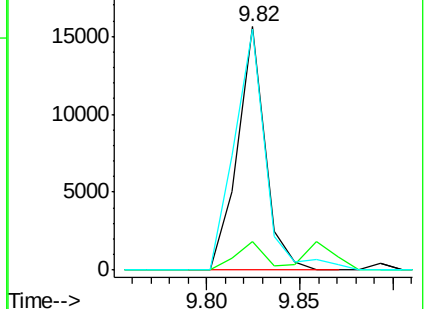
92 98.9 103.9 155.9#

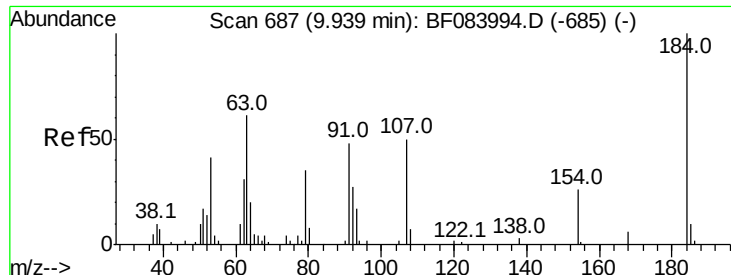


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

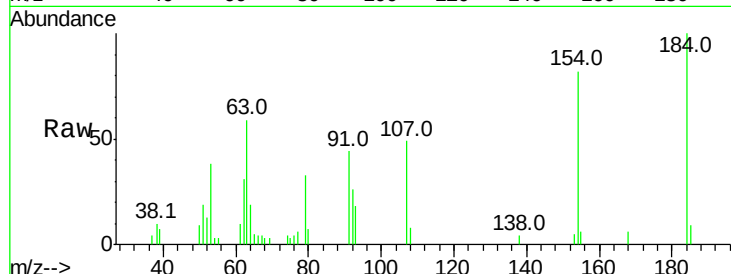




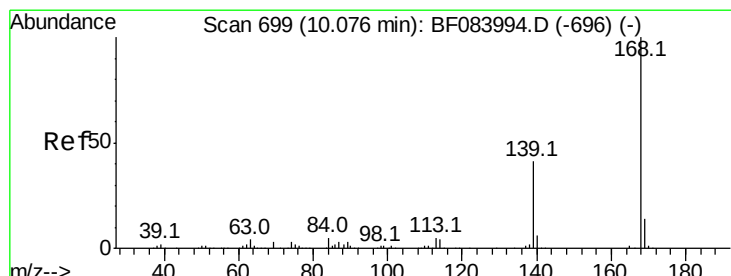
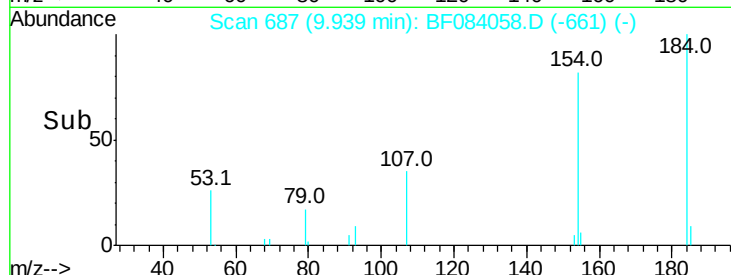
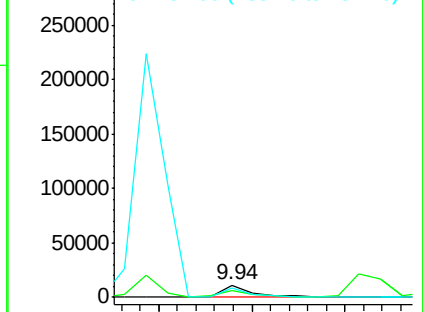
#53
 2,4-Dinitrophenol
 Concen: 27.23 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

Tot Ion:184 Resp: 12925
 Ion Ratio Lower Upper
 184 100
 63 59.3 43.1 64.7
 154 82.2 60.5 90.7

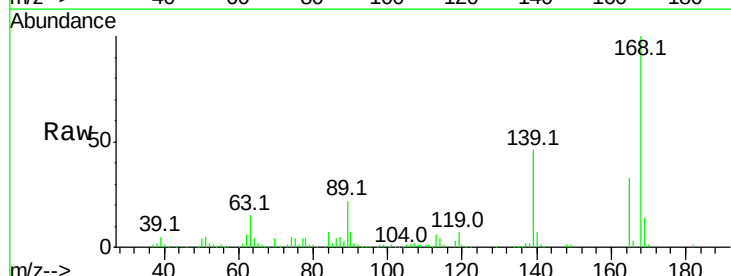


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

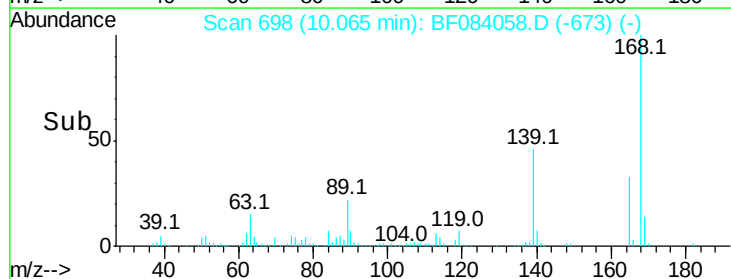
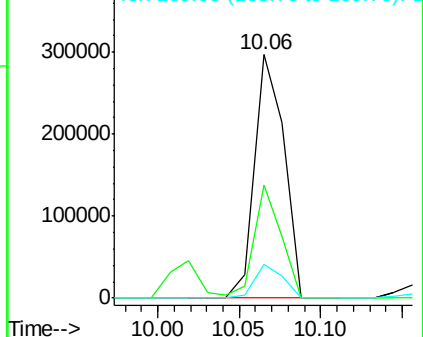


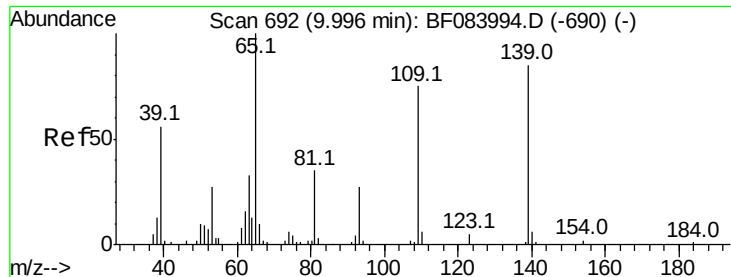
#54
 Dibenzofuran
 Concen: 48.37 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion:168 Resp: 371541
 Ion Ratio Lower Upper
 168 100
 139 46.3 30.5 45.7#
 169 14.0 10.4 15.6



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

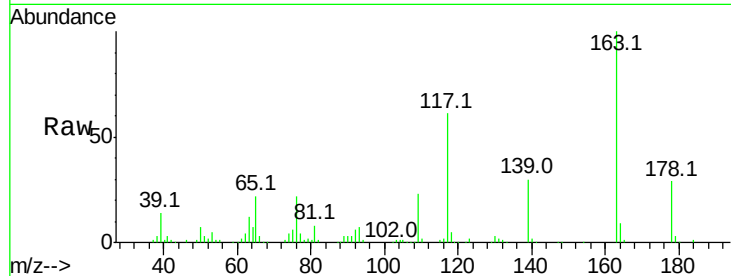




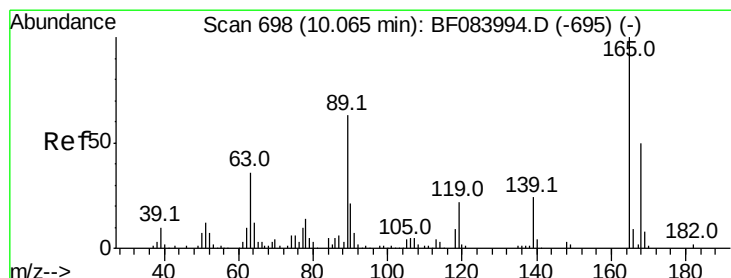
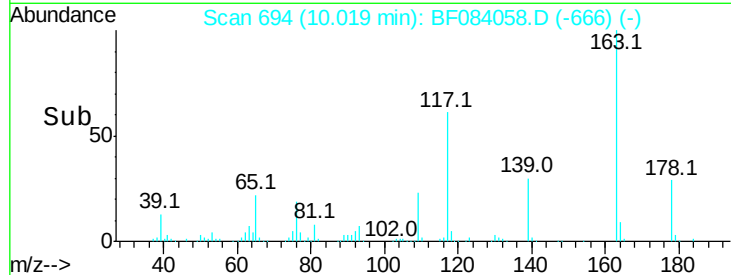
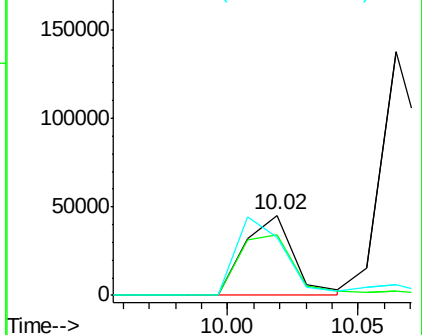
#55
4-Nitrophenol
Concen: 67.89 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Instrument :
BNA_F
ClientSampleId :
WC-01MS

Tot Ion:139 Resp: 59927
Ion Ratio Lower Upper
139 100
109 75.2 58.5 98.5
65 72.9 57.6 97.6

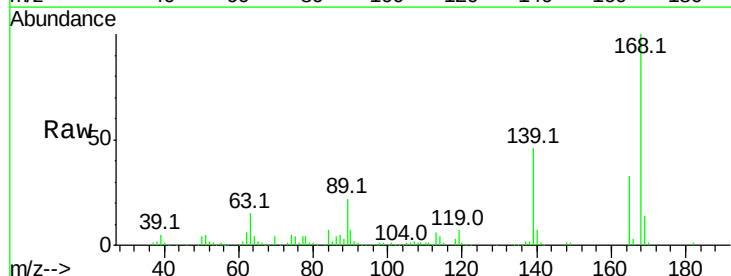


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

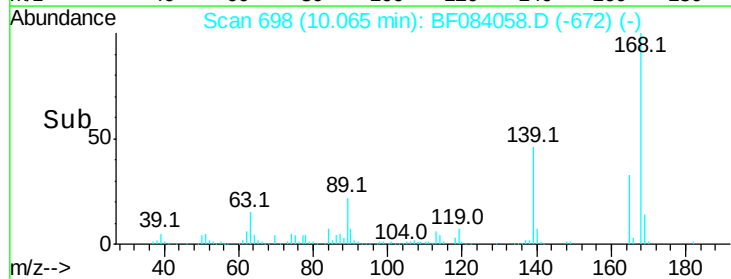
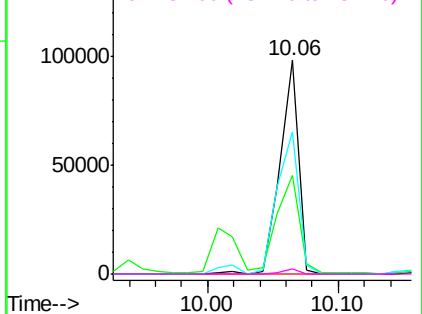


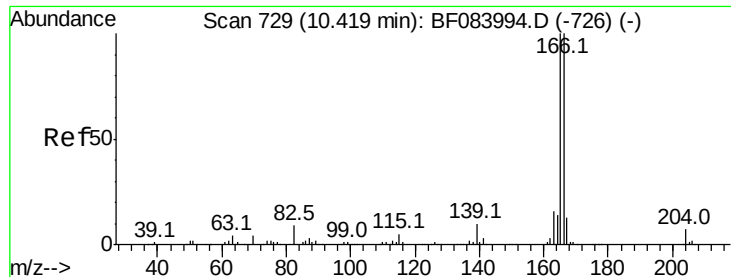
#56
2,4-Dinitrotoluene
Concen: 55.21 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion:165 Resp: 98154
Ion Ratio Lower Upper
165 100
63 46.4 36.7 55.1
89 66.5 61.9 92.9
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.73 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

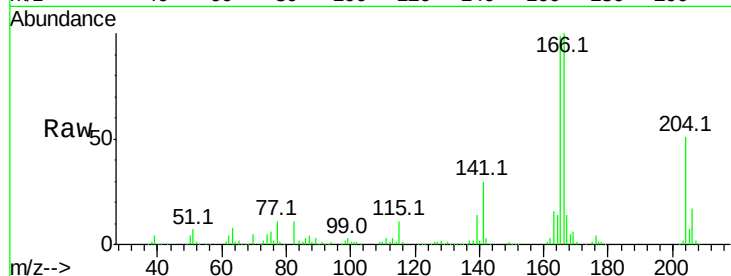
Tot Ion:166 Resp: 290484

Ion Ratio Lower Upper

166 100

165 99.1 79.1 118.7

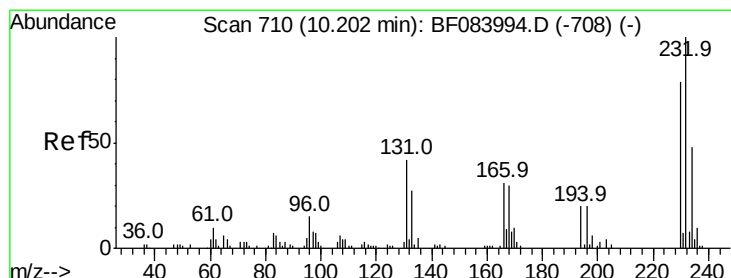
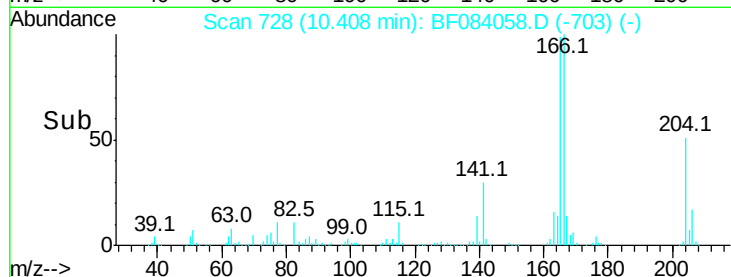
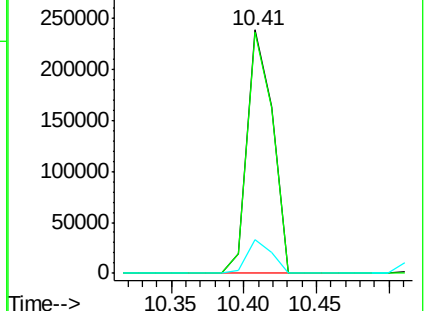
167 13.7 10.4 15.6



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: 46.84 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Tgt Ion:232 Resp: 59587

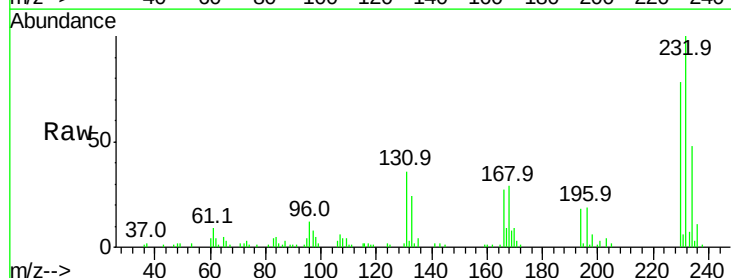
Ion Ratio Lower Upper

232 100

131 52.6 47.0 70.6

130 2.5 2.0 3.0

166 33.6 30.5 45.7

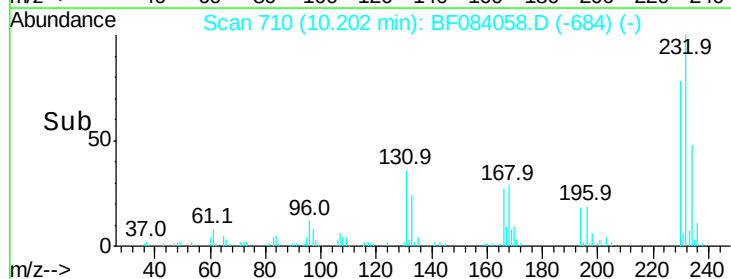
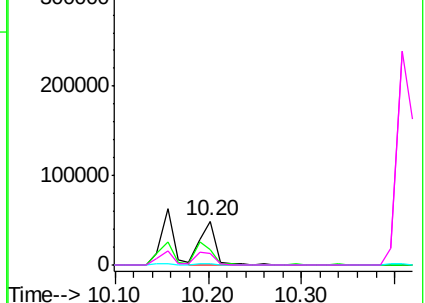


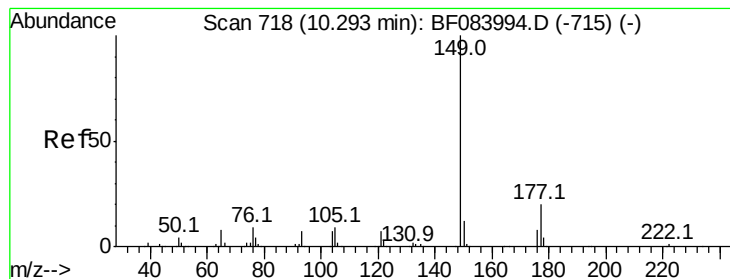
Abundance Ion 232.00 (231.70 to 232.70): E

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: 55.32 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

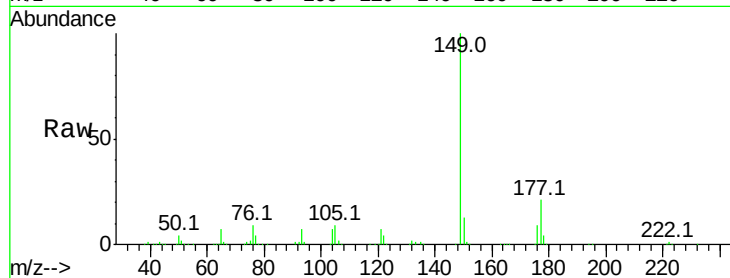
Tot Ion:149 Resp: 364343

Ion Ratio Lower Upper

149 100

177 20.8 17.3 25.9

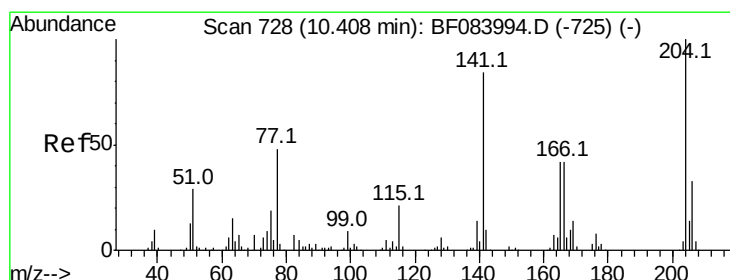
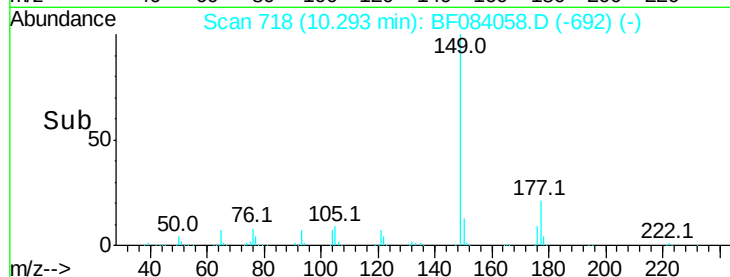
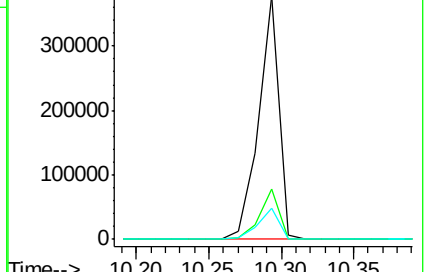
150 12.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.06 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

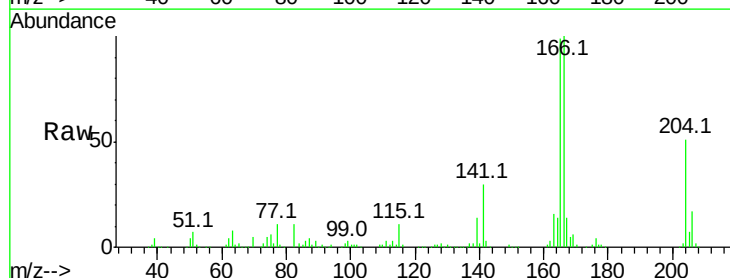
Tgt Ion:204 Resp: 136813

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

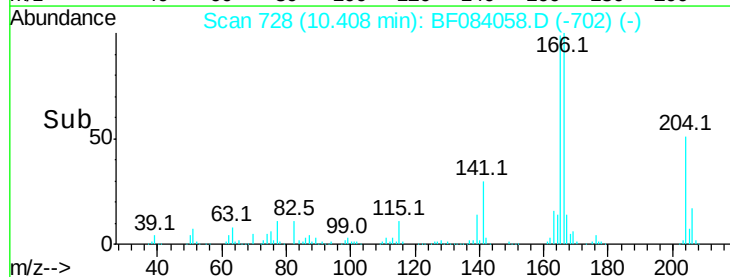
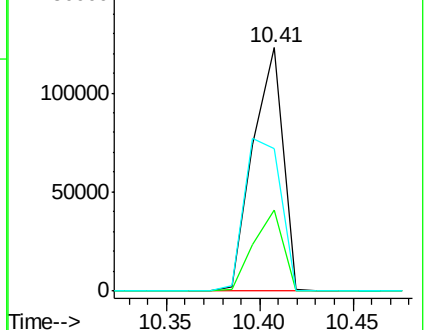
141 58.4 55.1 82.7

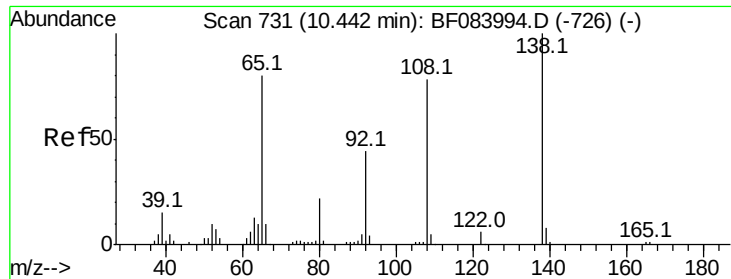


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

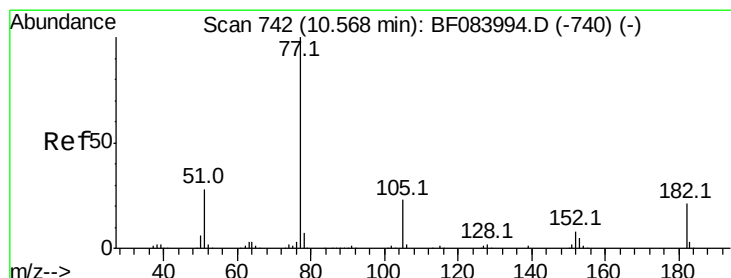
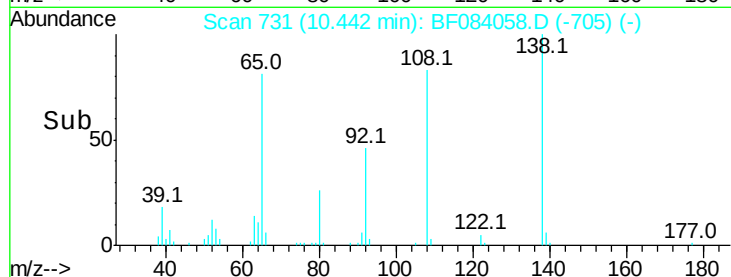
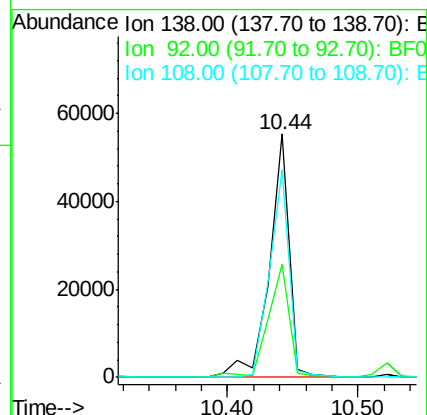
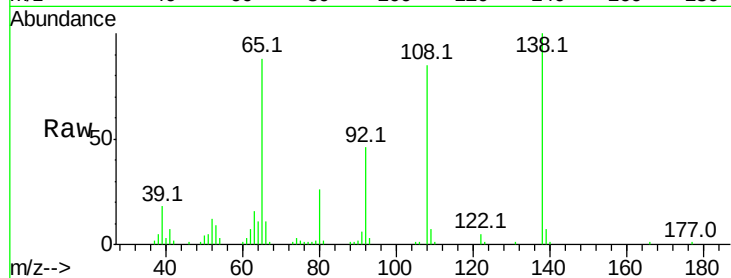




#61
4-Nitroaniline
Concen: 38.35 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

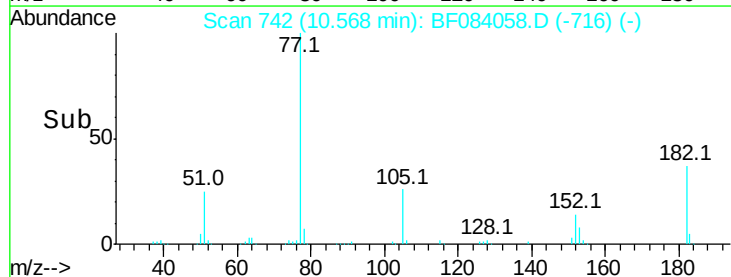
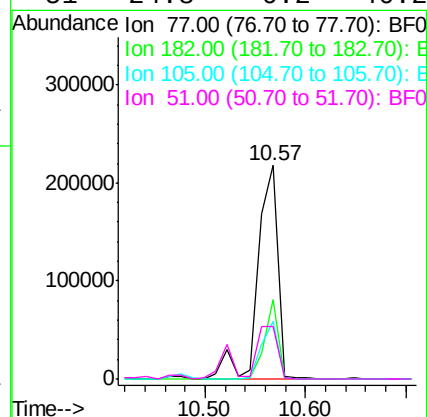
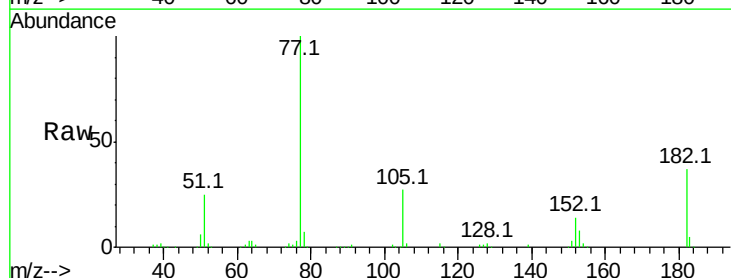
Instrument :
BNA_F
ClientSampleId :
WC-01MS

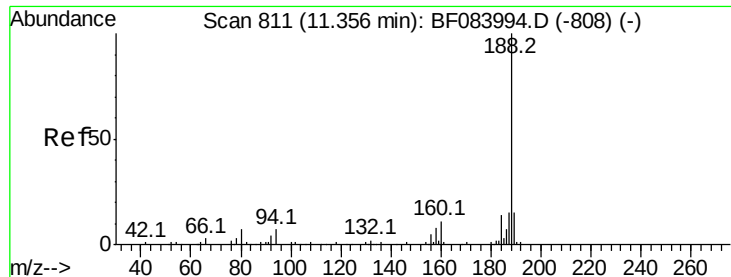
Tot Ion:138 Resp: 58931
Ion Ratio Lower Upper
138 100
92 46.5 32.6 72.6
108 85.3 68.6 108.6



#62
Azobenzene
Concen: 51.50 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion: 77 Resp: 299430
Ion Ratio Lower Upper
77 100
182 37.0 8.3 48.3
105 26.9 4.6 44.6
51 24.8 6.2 46.2

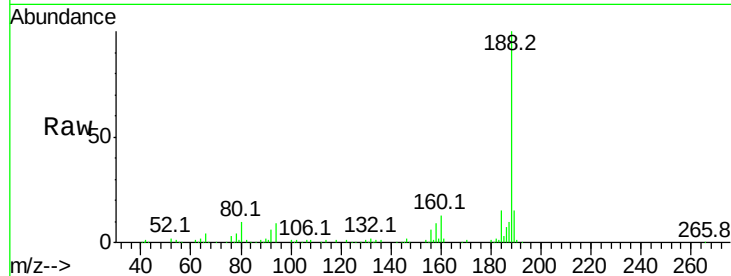




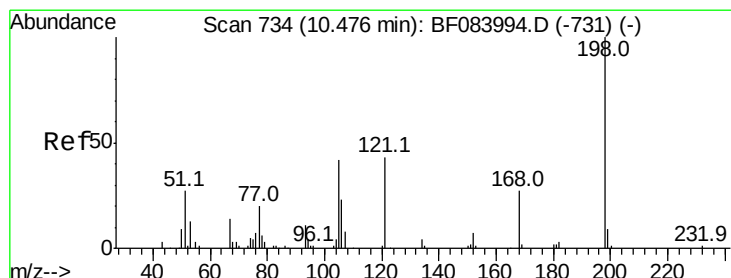
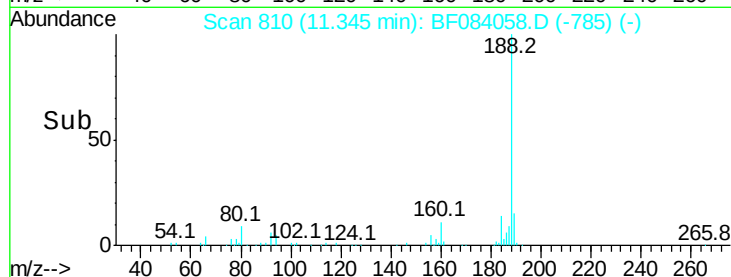
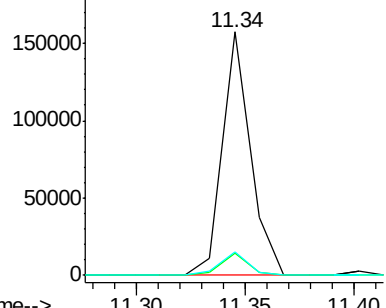
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Instrument :
BNA_F
ClientSampleId :
WC-01MS

Tot Ion:188 Resp: 141457
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.6 9.6 14.4

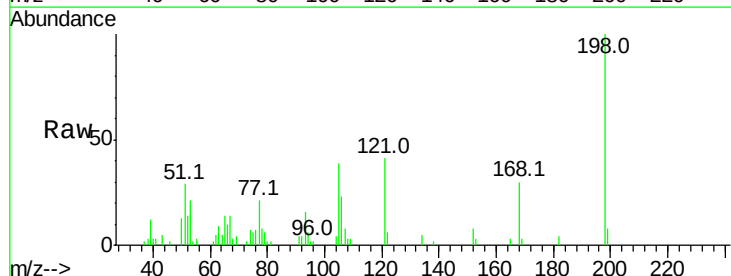


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

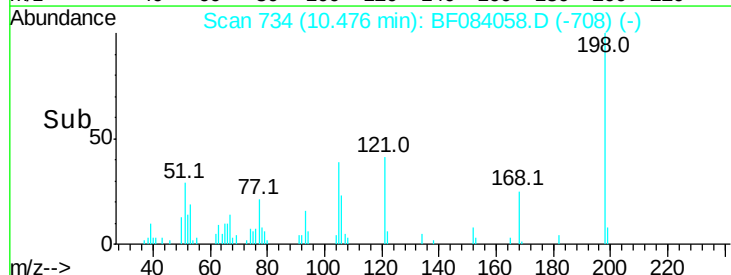
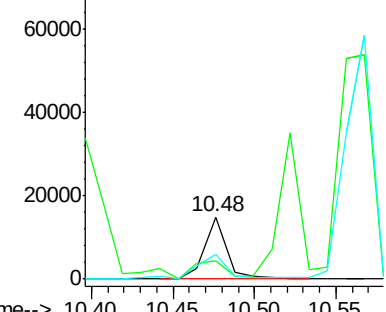


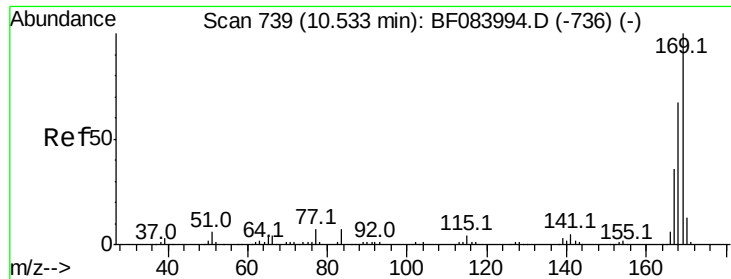
#64
4,6-Dinitro-2-methylphenol
Concen: 16.92 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion:198 Resp: 13989
Ion Ratio Lower Upper
198 100
51 29.2 18.9 58.9
105 39.0 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

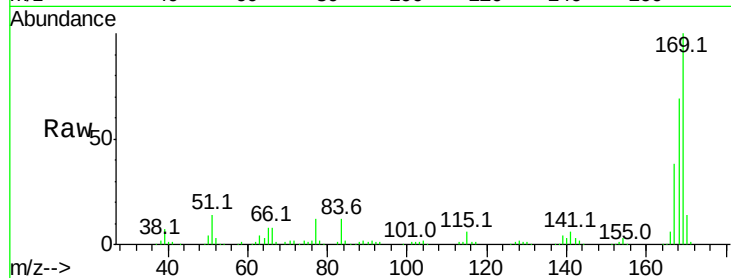




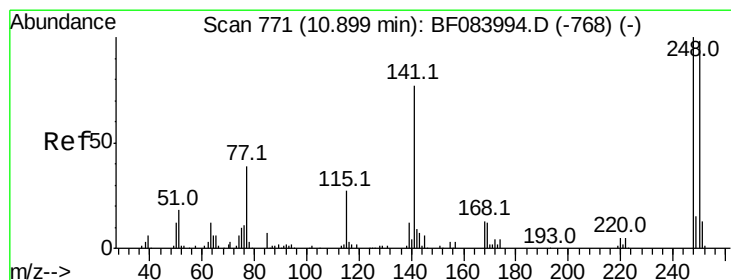
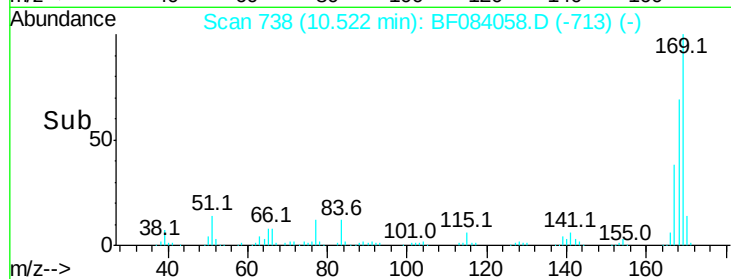
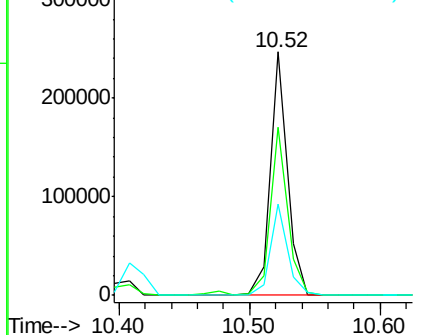
#65
 n-Nitrosodiphenylamine
 Concen: 43.58 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

Tot Ion:169 Resp: 227682
 Ion Ratio Lower Upper
 169 100
 168 68.9 55.1 82.7
 167 37.7 30.0 45.0

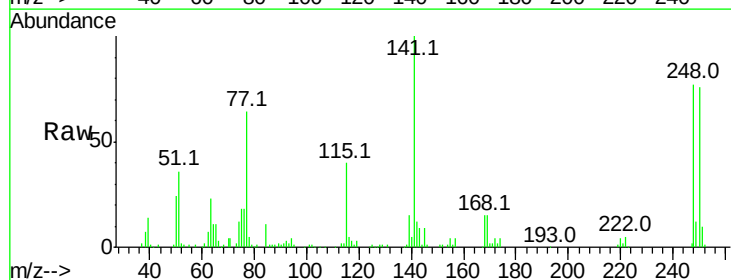


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

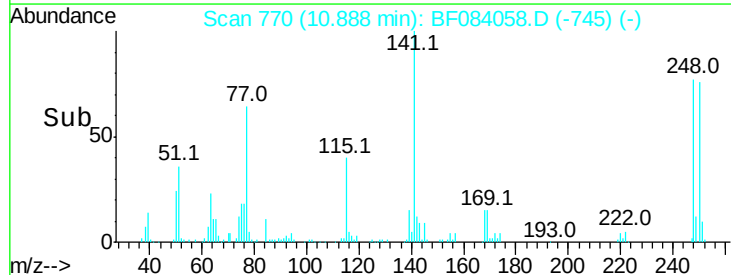
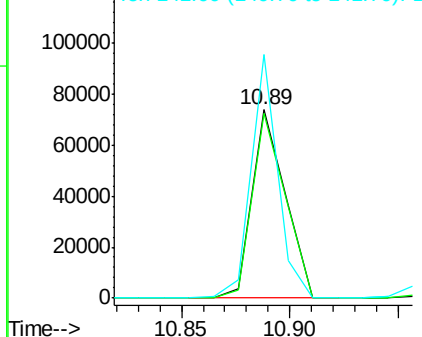


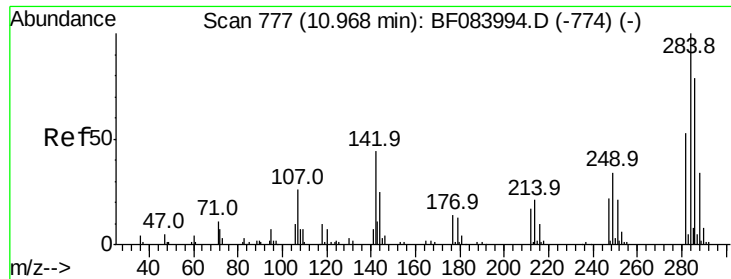
#66
 4-Bromophenyl-phenylether
 Concen: 48.18 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion:248 Resp: 78151
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.4 117.6
 141 129.2 44.0 66.0#



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

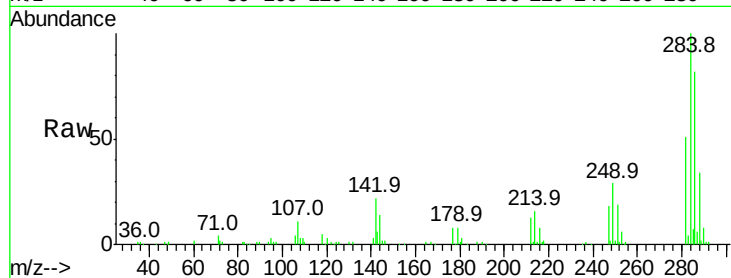




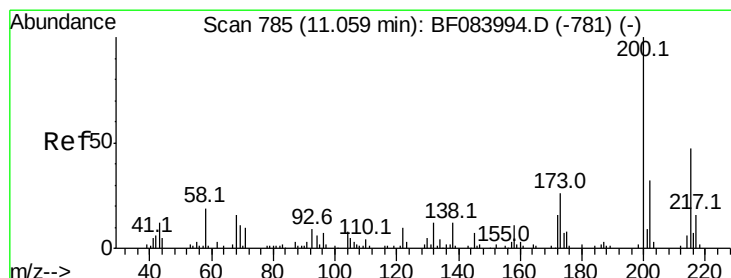
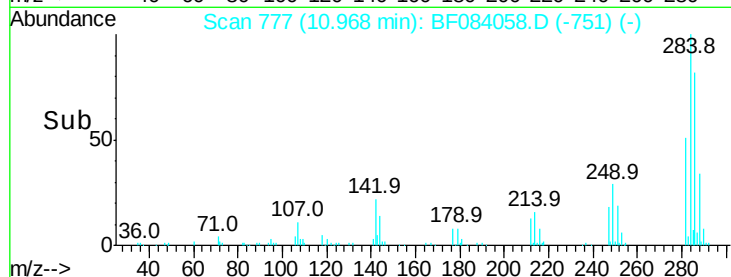
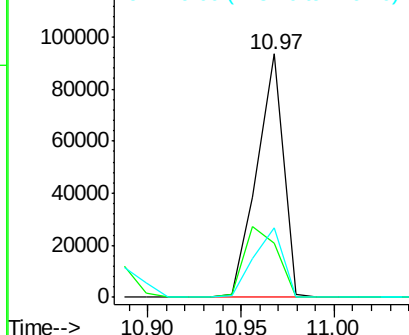
#67
Hexachlorobenzene
Concen: 52.01 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Instrument :
BNA_F
ClientSampleId :
WC-01MS

Tot Ion:284 Resp: 92087
Ion Ratio Lower Upper
284 100
142 22.1 22.2 33.4#
249 28.6 24.6 37.0

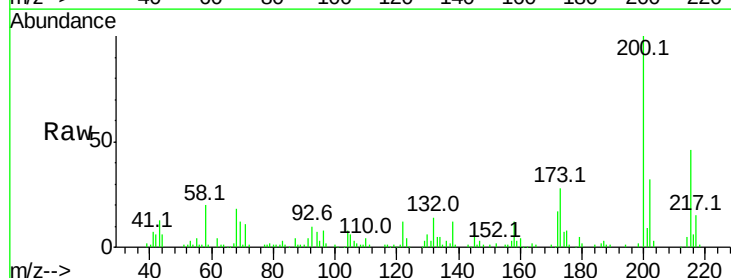


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

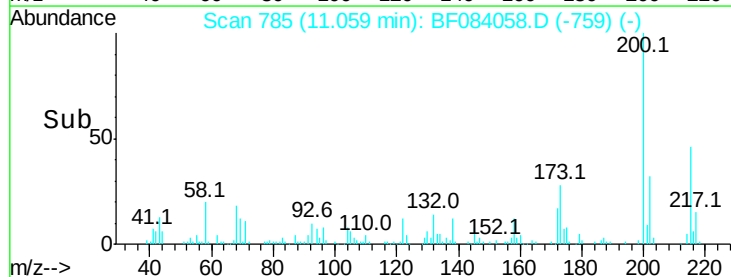
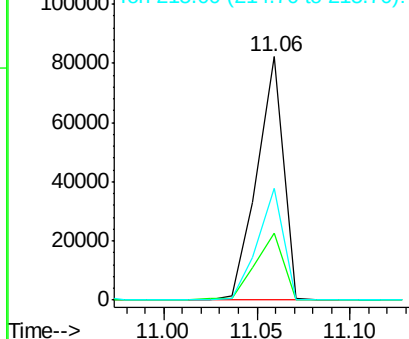


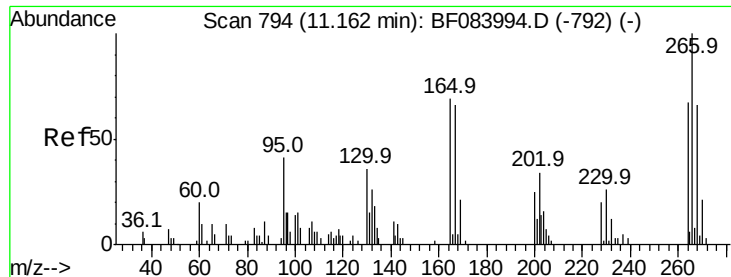
#68
Atrazine
Concen: 50.79 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion:200 Resp: 80219
Ion Ratio Lower Upper
200 100
173 27.6 9.5 49.5
215 45.8 23.8 63.8



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

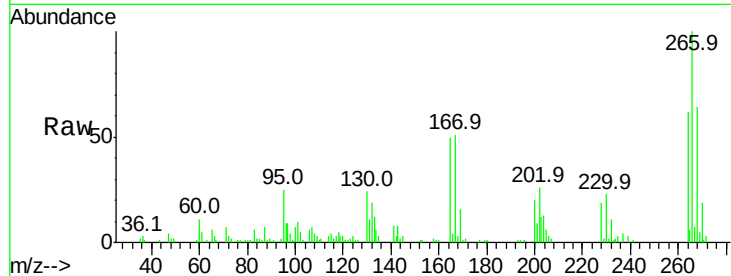




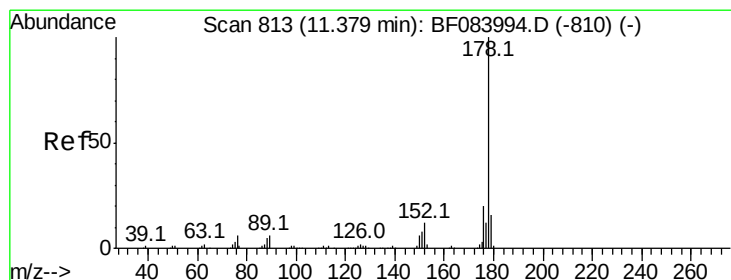
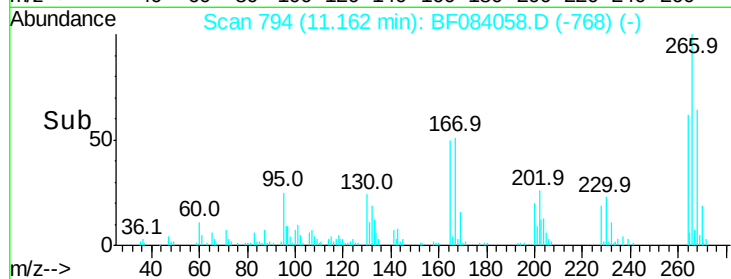
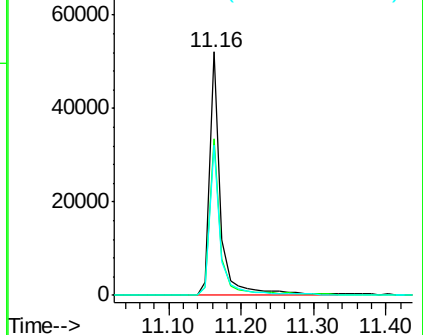
#69
 Pentachlorophenol
 Concen: 84.78 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

Tot Ion:266 Resp: 55268
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.4 78.6
 264 61.7 50.2 75.2

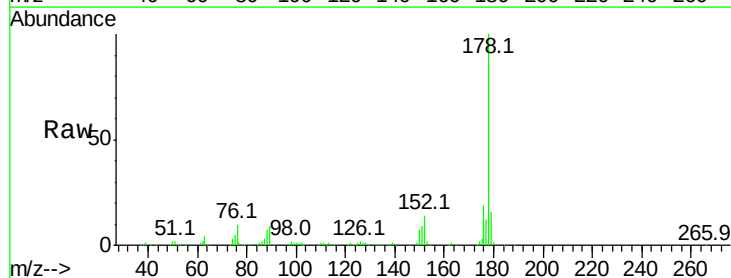


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

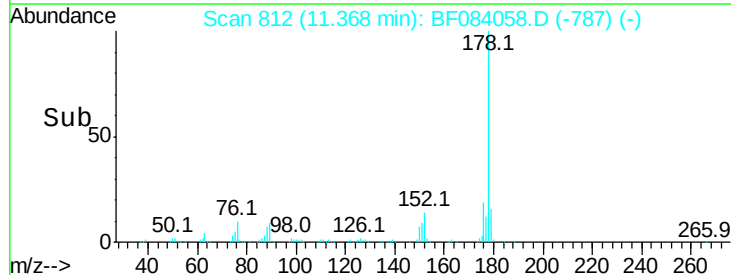
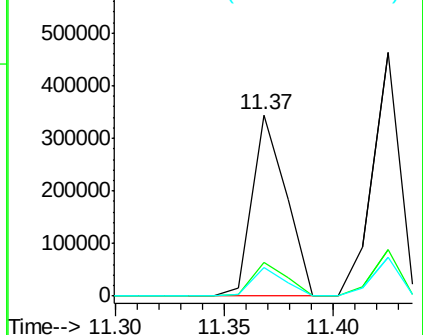


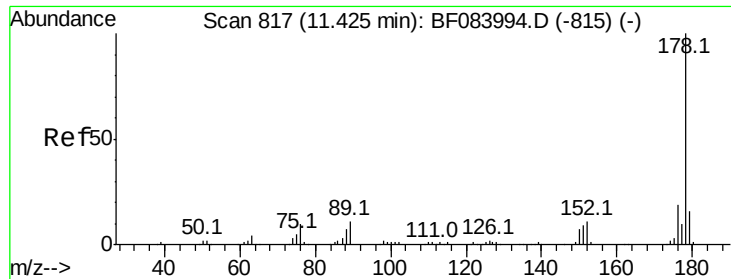
#70
 Phenanthrene
 Concen: 46.78 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion:178 Resp: 374006
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.3 22.9
 179 15.8 12.0 18.0



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

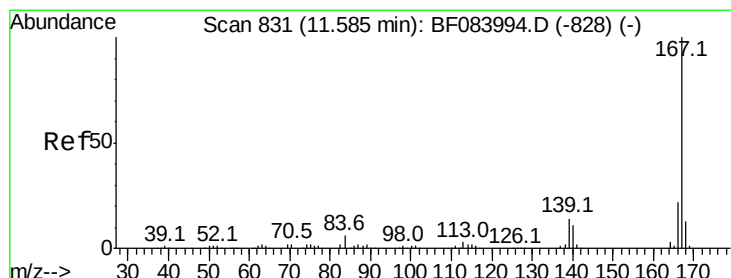
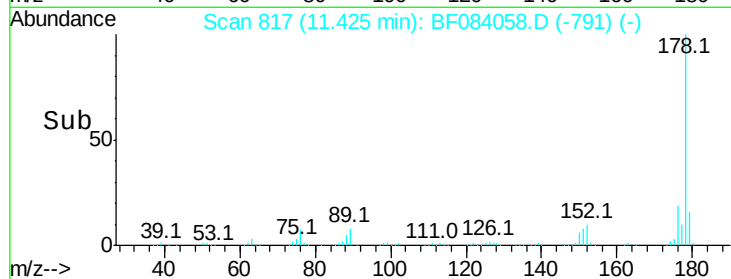
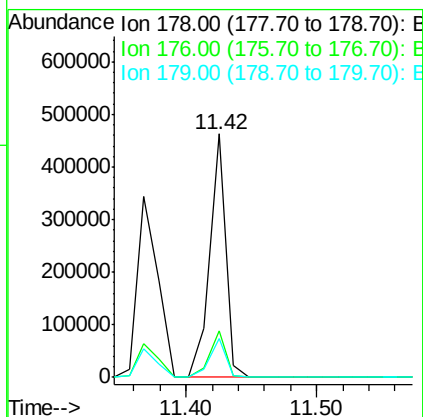
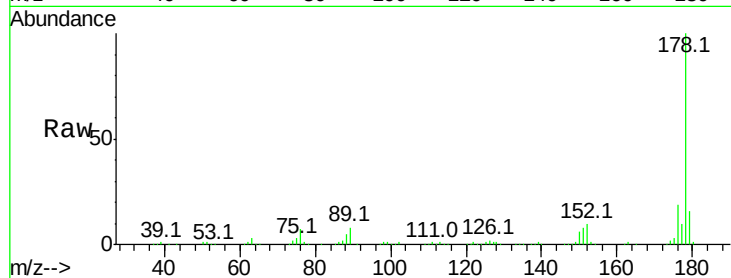




#71
 Anthracene
 Concen: 49.17 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

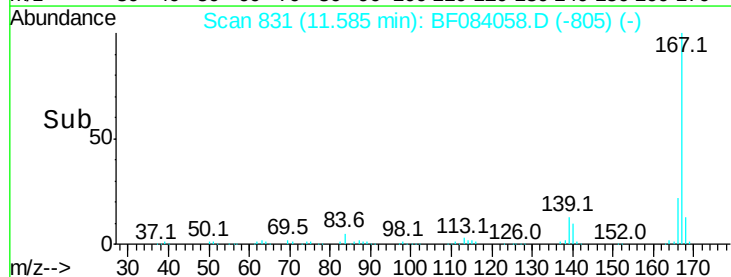
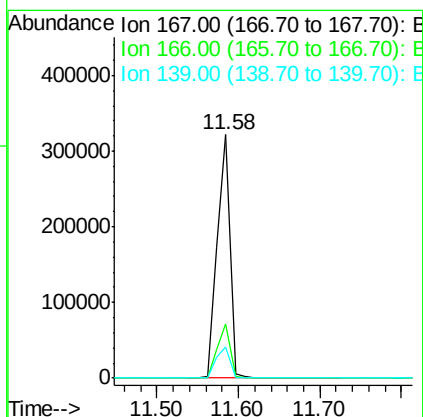
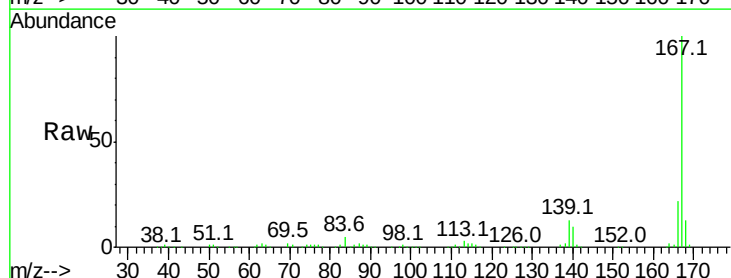
Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

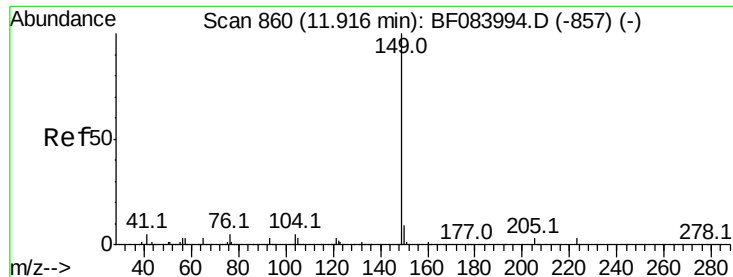
Tot Ion:178 Resp: 399238
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 45.98 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion:167 Resp: 349082
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 53.52 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

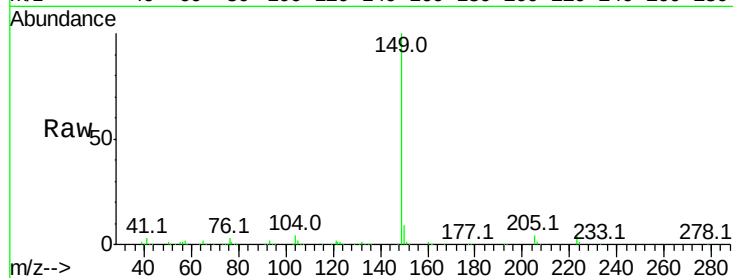
Tot Ion:149 Resp: 504548

Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

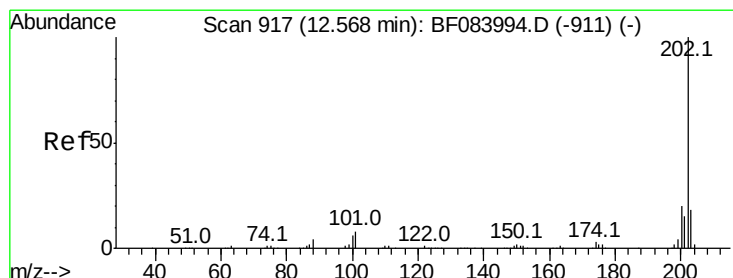
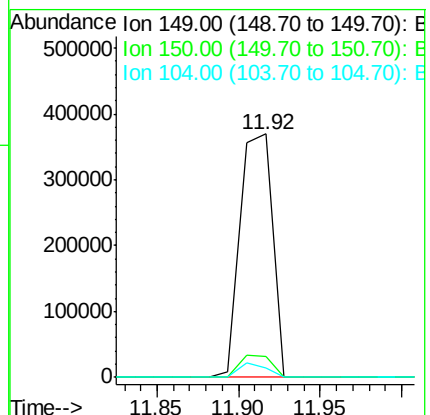
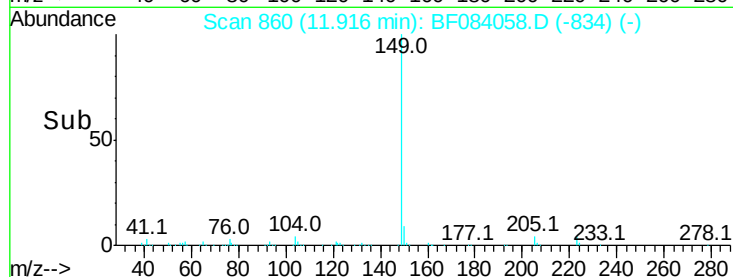
104 3.8 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.04 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

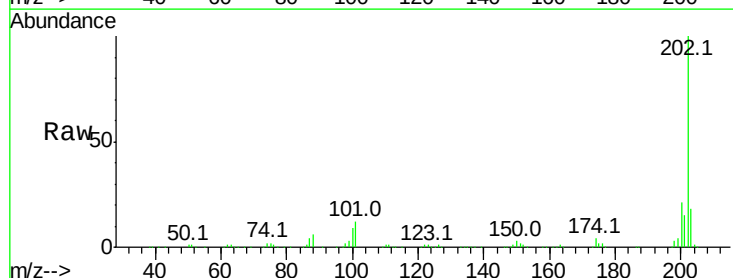
Tgt Ion:202 Resp: 333320

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.8

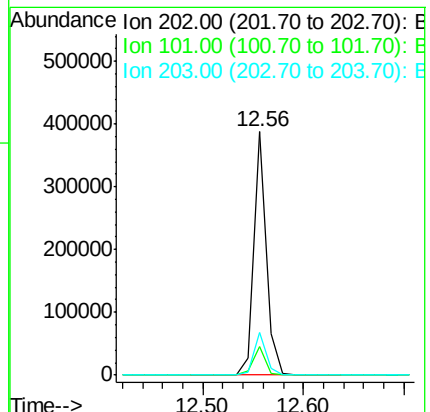
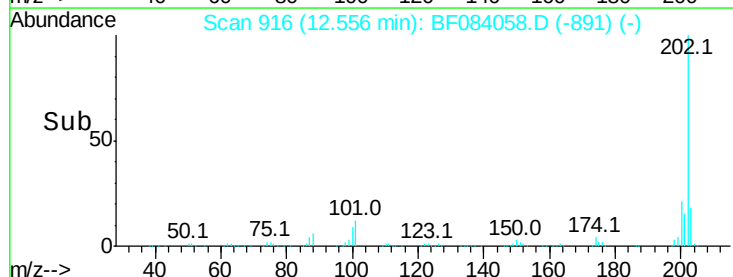
203 17.8 0.0 37.9

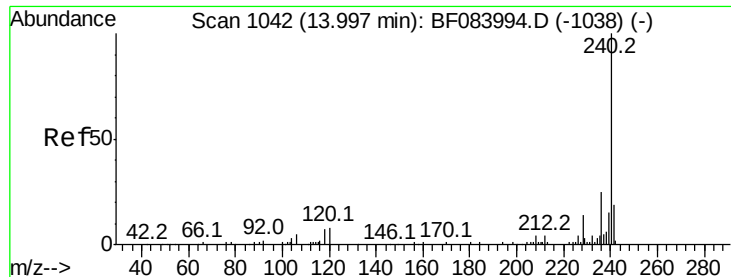


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampled :

WC-01MS

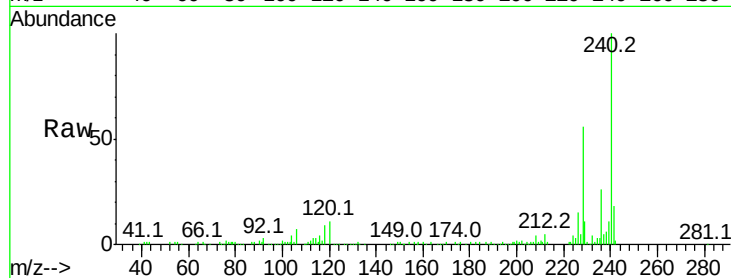
Tot Ion:240 Resp: 95040

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

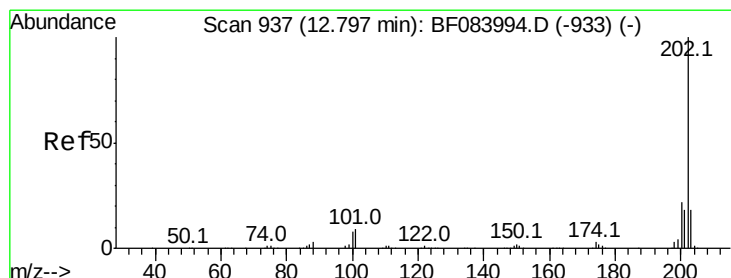
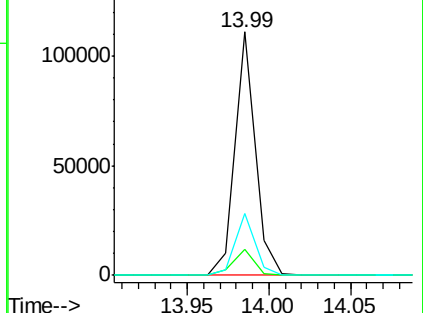
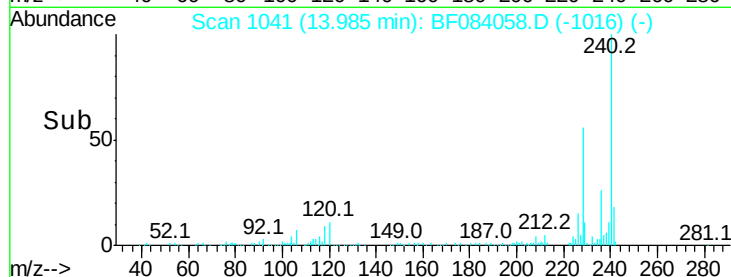
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 52.24 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

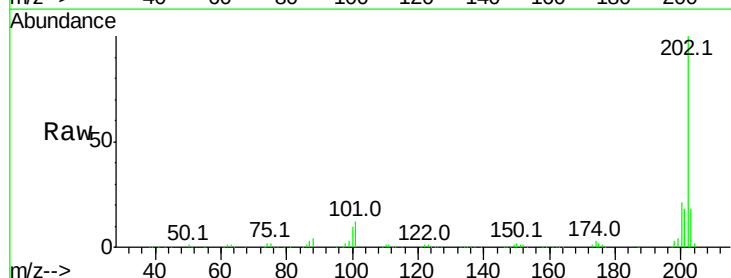
Tgt Ion:202 Resp: 336838

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

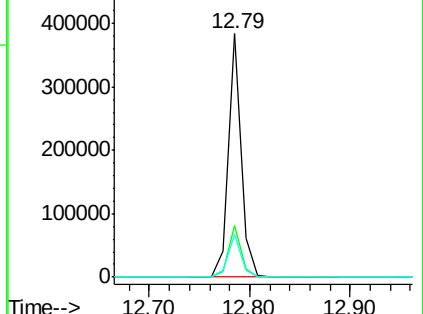
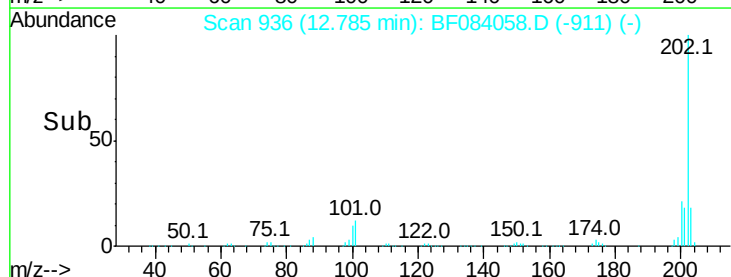
203 17.7 14.3 21.5

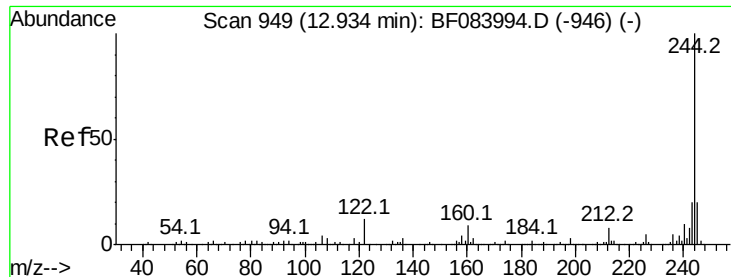


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

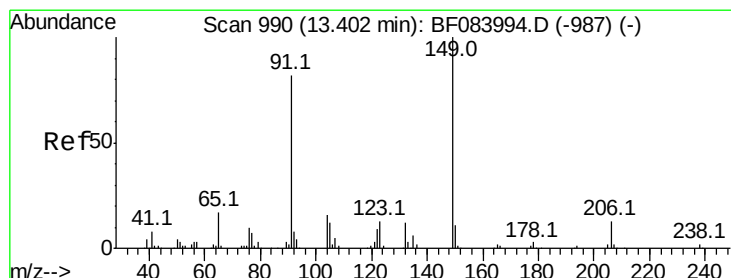
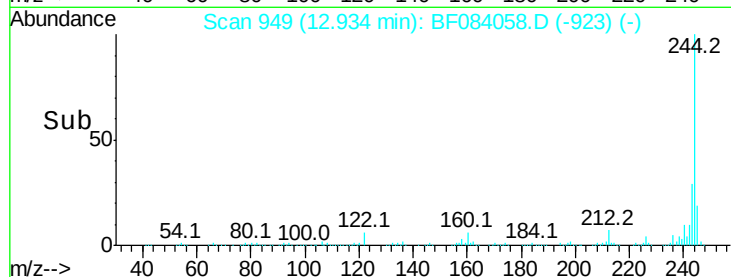
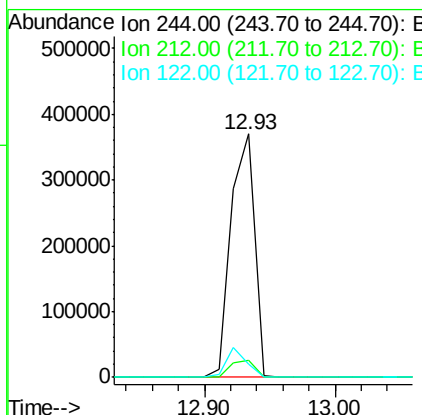
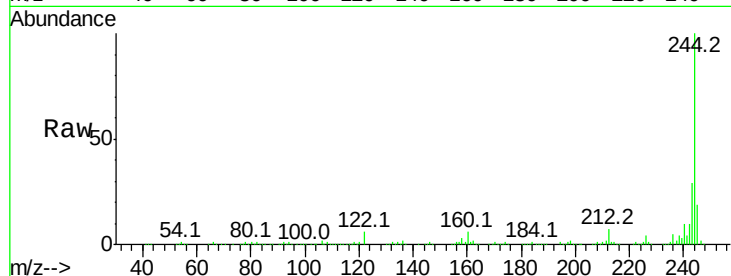




#78
 Terphenyl-d14
 Concen: 115.91 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

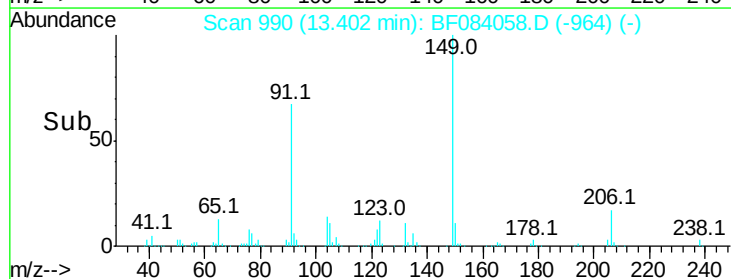
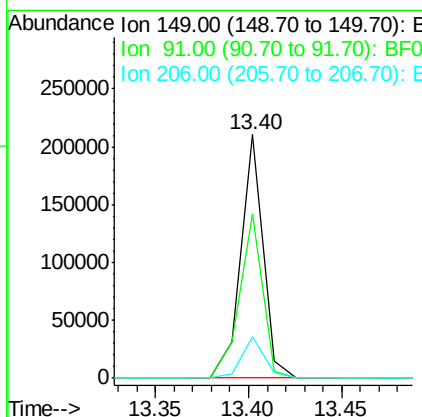
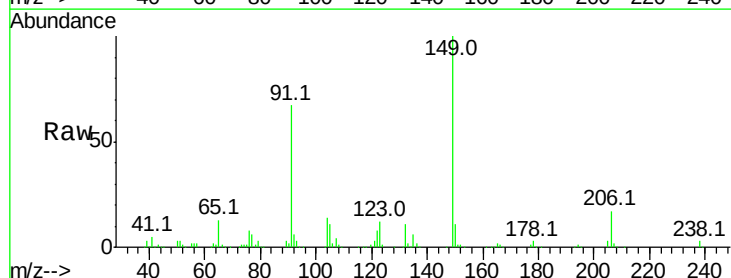
Instrument :
 BNA_F
 ClientSampleId :
 WC-01MS

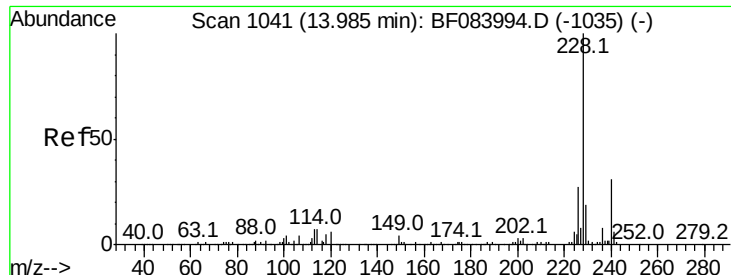
Tot Ion:244 Resp: 461947
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.5 7.4 11.0#



#79
 Butylbenzylphthalate
 Concen: 59.45 ng
 RT: 13.40 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF084058.D
 Acq: 24 Dec 2015 2:51

Tgt Ion:149 Resp: 176306
 Ion Ratio Lower Upper
 149 100
 91 67.4 57.6 86.4
 206 17.1 13.2 19.8

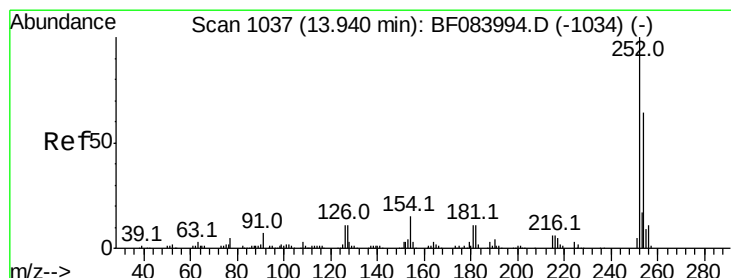
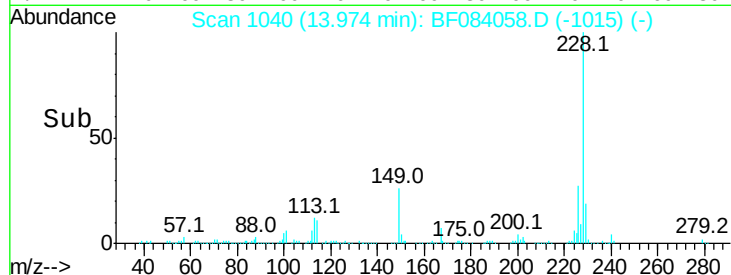
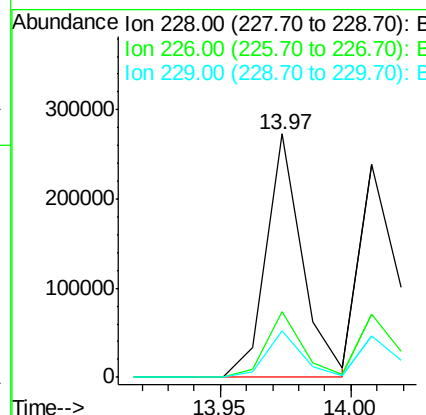
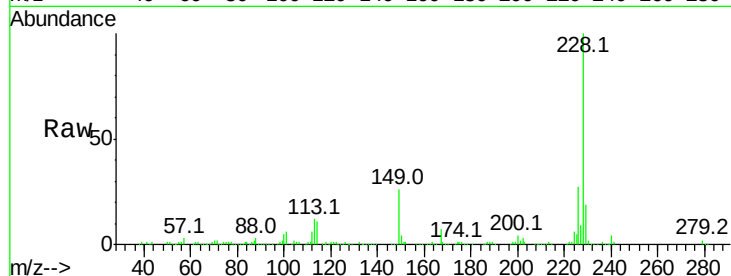




#80
Benzo(a)anthracene
Concen: 47.57 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

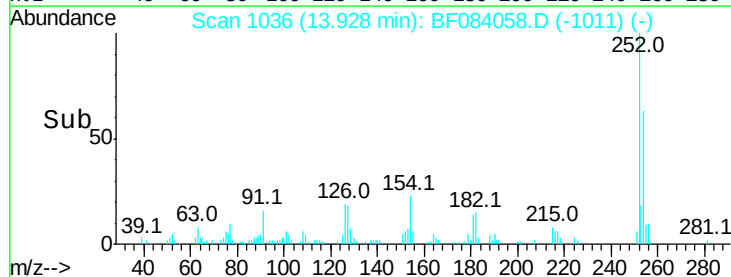
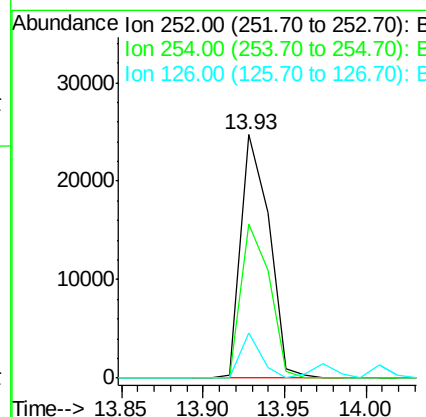
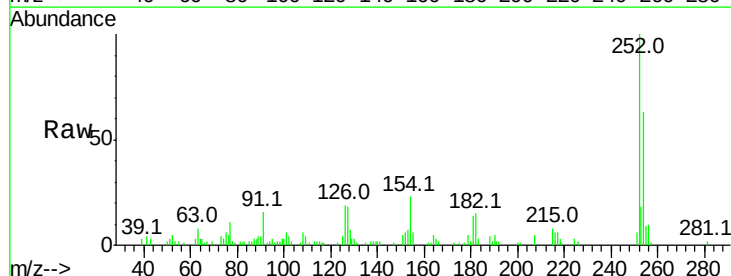
Instrument :
BNA_F
ClientSampleId :
WC-01MS

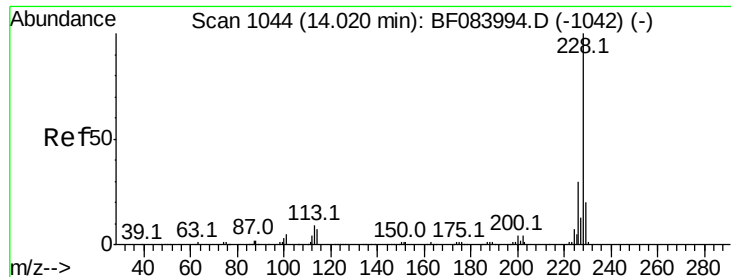
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.4	15.8	23.8



#81
3,3'-Dichlorobenzidine
Concen: 14.39 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	53.5	80.3
126	18.8	4.9	7.3#





#82

Chrysene

Concen: 46.93 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

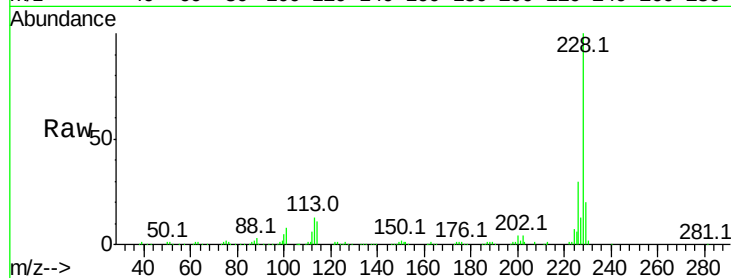
Tot Ion:228 Resp: 238750

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

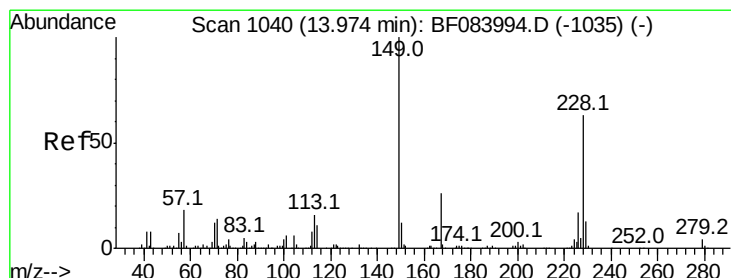
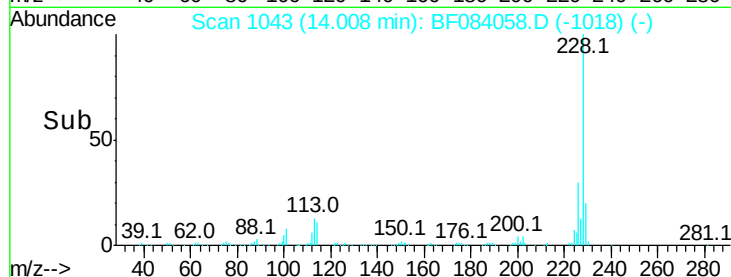
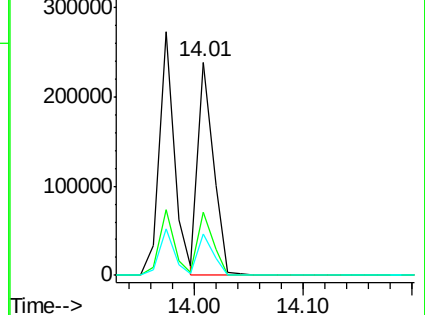
229 19.6 16.1 24.1



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: 57.22 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

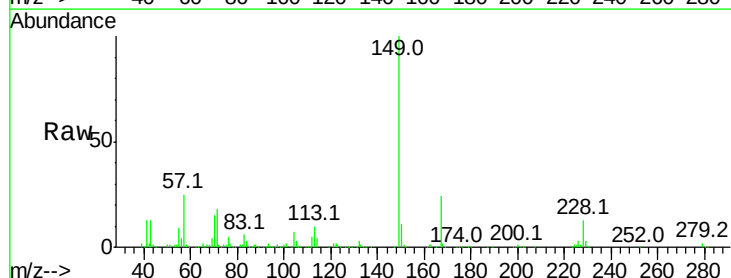
Tgt Ion:149 Resp: 235321

Ion Ratio Lower Upper

149 100

167 24.2 19.7 29.5

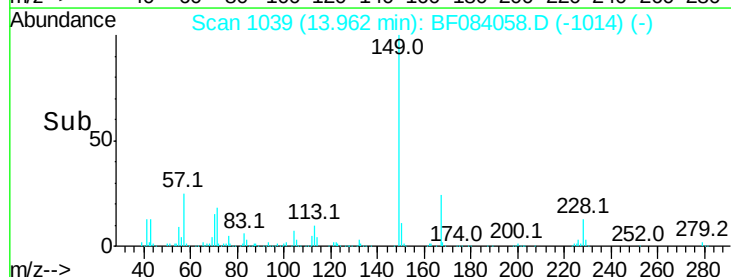
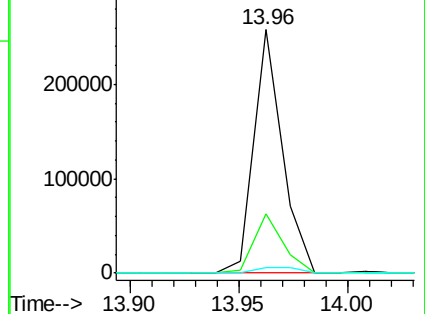
279 2.2 1.8 2.6

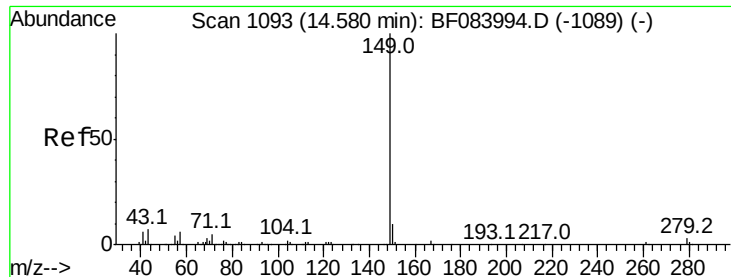


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 56.86 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

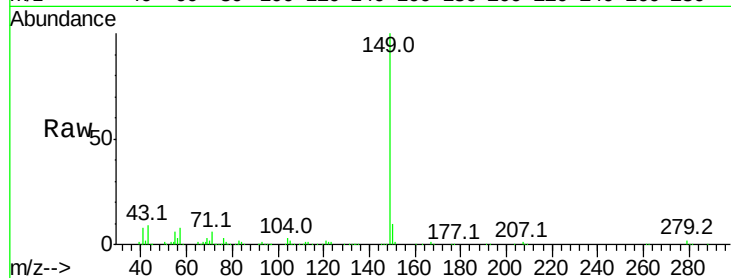
Tot Ion:149 Resp: 359625

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

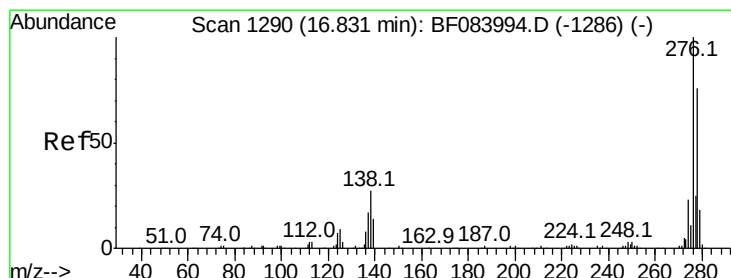
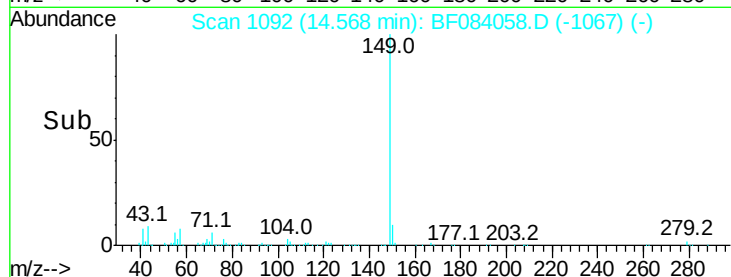
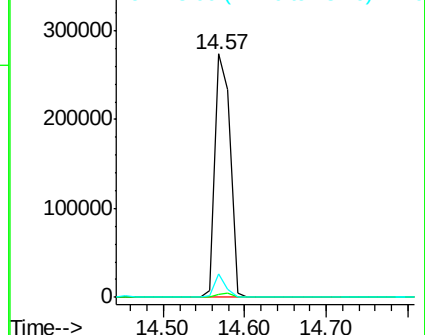
43 6.9 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 57.07 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

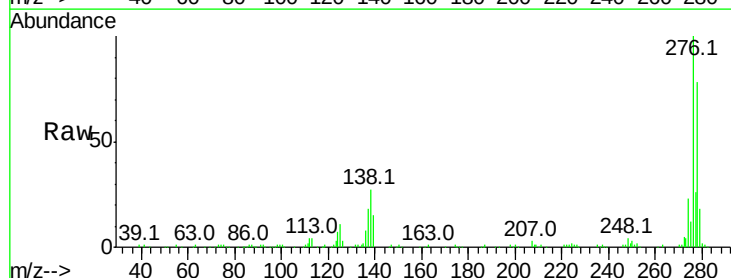
Tgt Ion:276 Resp: 240182

Ion Ratio Lower Upper

276 100

138 24.9 20.6 30.8

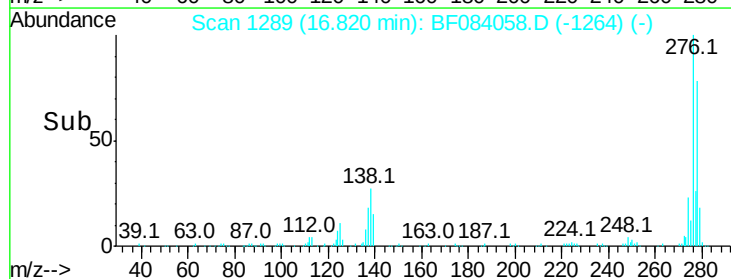
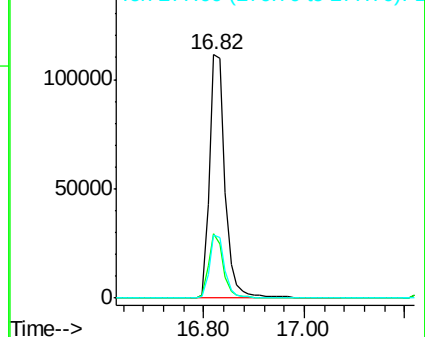
277 24.9 20.1 30.1

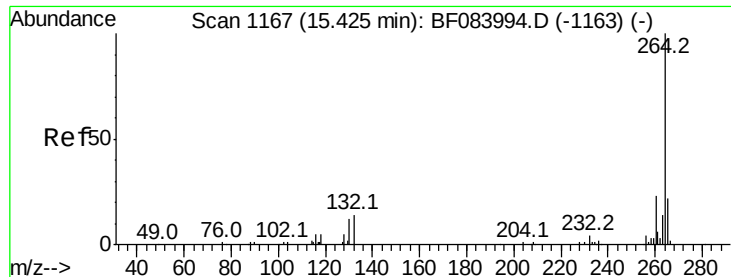


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

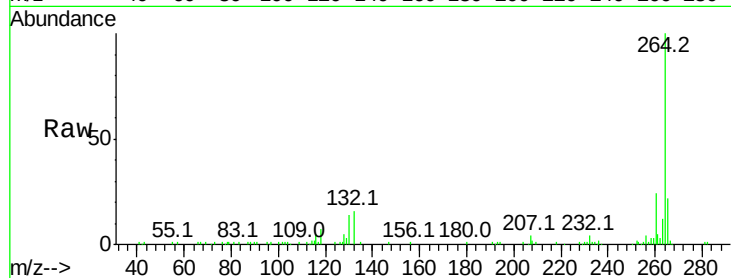
Tot Ion:264 Resp: 82533

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

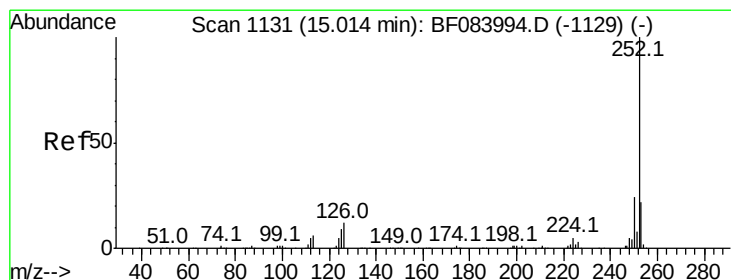
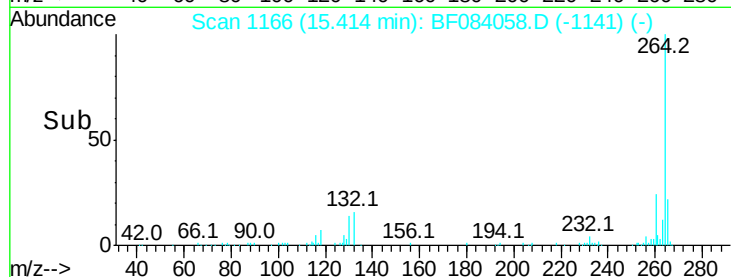
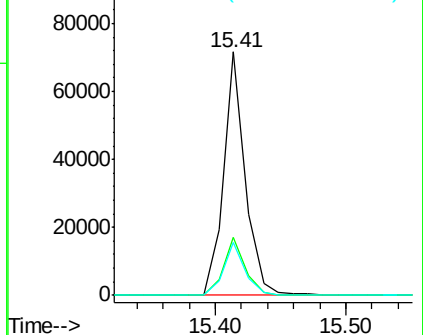
265 21.9 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 58.64 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

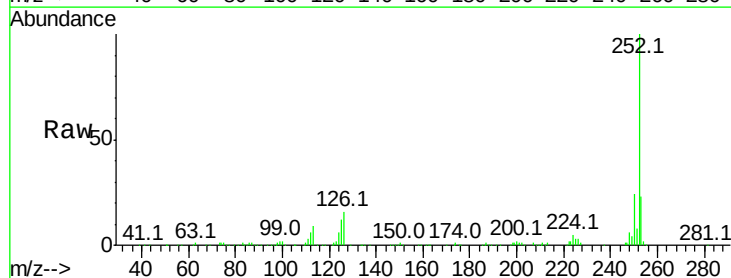
Tgt Ion:252 Resp: 305131

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

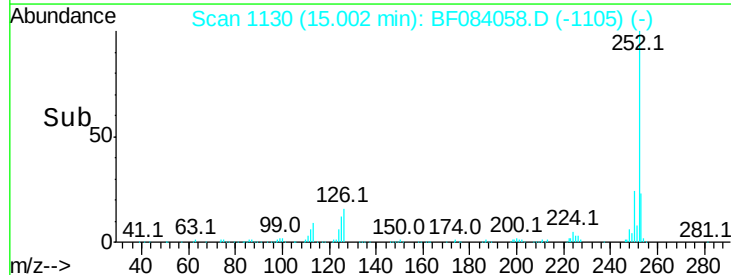
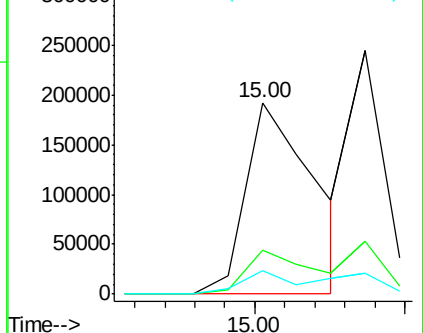
125 12.0 6.5 9.7#

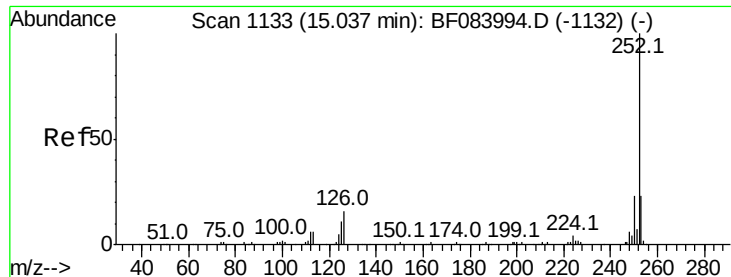


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 41.01 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

Instrument :

BNA_F

ClientSampleId :

WC-01MS

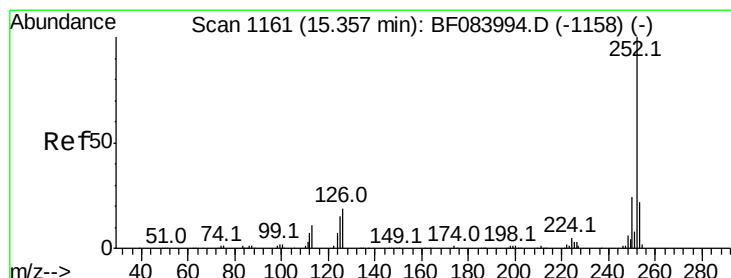
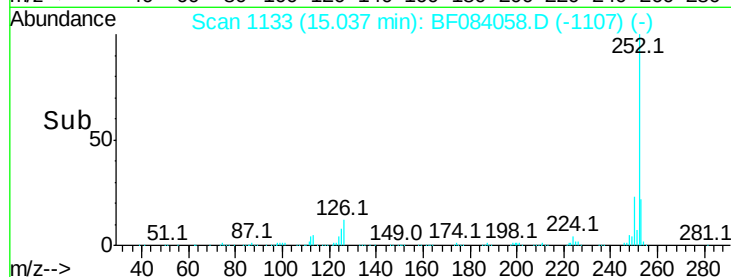
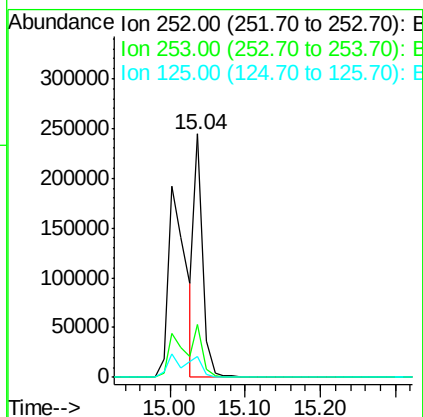
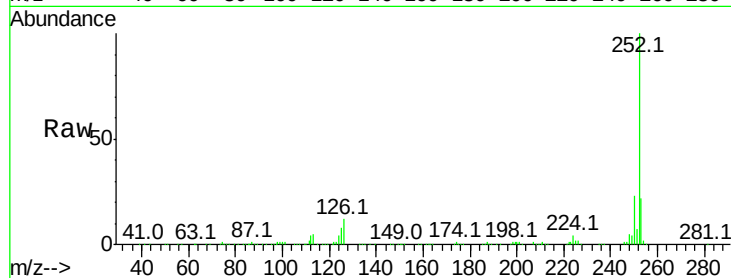
Tot Ion:252 Resp: 202954

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 8.4 9.0 13.6#



#89

Benzo(a)pyrene

Concen: 50.32 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF084058.D

Acq: 24 Dec 2015 2:51

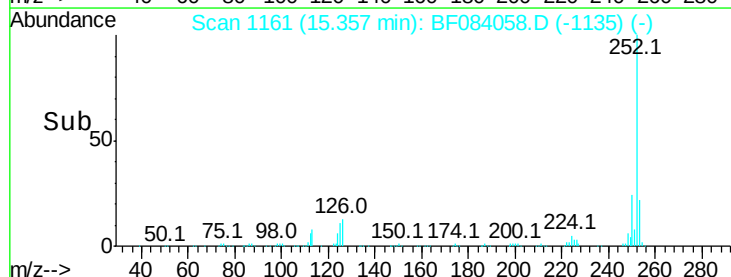
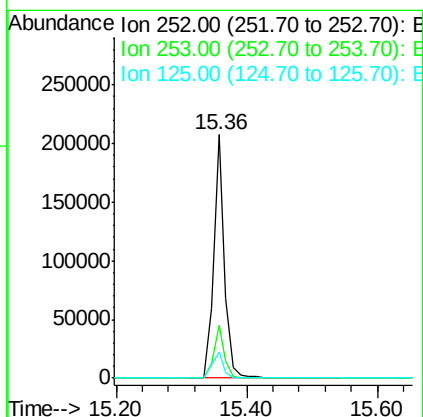
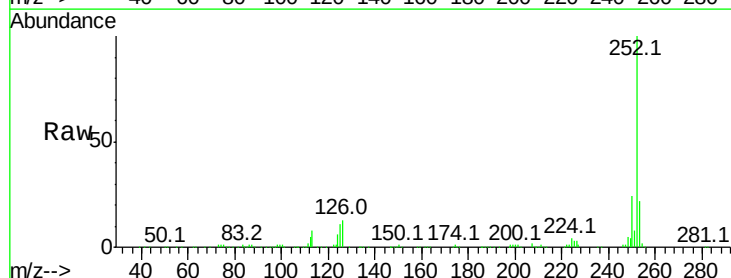
Tgt Ion:252 Resp: 242510

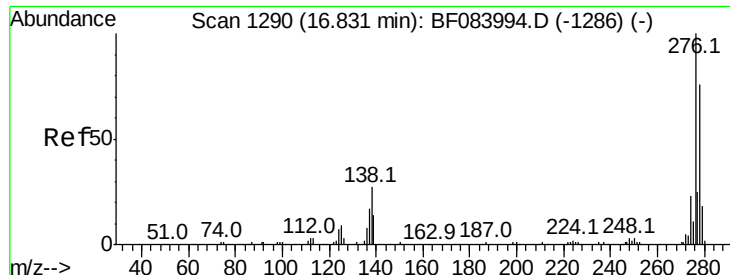
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.8 7.0 10.4#



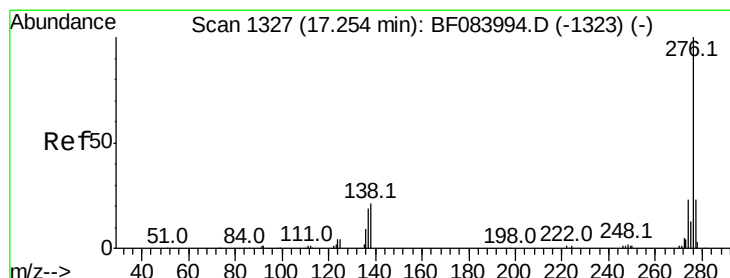
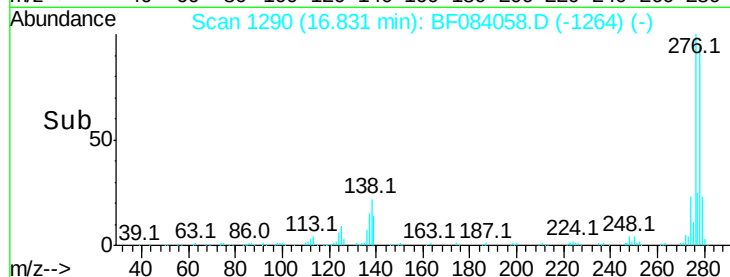
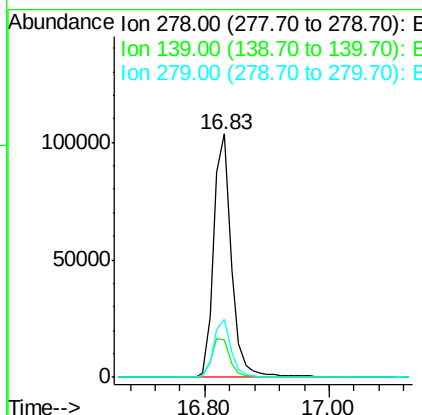
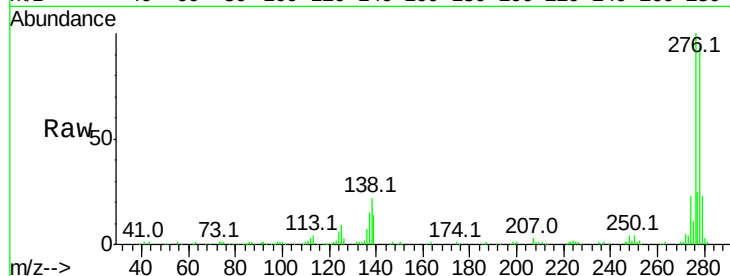


#90
Dibenzo(a,h)anthracene
Concen: 50.55 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Instrument :
BNA_F
ClientSampleId :
WC-01MS

Tot Ion:278 Resp: 201883

Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.0	22.4
279	23.9	18.9	28.3



#91
Benzo(g,h,i)perylene
Concen: 44.70 ng
RT: 17.24 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF084058.D
Acq: 24 Dec 2015 2:51

Tgt Ion:276 Resp: 180568

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.3	17.8	26.6

