

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123015\
 Data File : BF084164.D
 Acq On : 30 Dec 2015 23:32
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BFB

Quant Time: Dec 31 03:31:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 03:17:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	358329	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1508270	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	691298	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	1334046	20.00	ng	0.00
75) Chrysene-d12	14.05	240	1142895	20.00	ng	-0.01
86) Perylene-d12	15.49	264	899912	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	138066	6.46	ng	-0.01
7) Phenol-d6	6.51	99	169848	6.39	ng	-0.01
23) Nitrobenzene-d5	7.46	82	122598	4.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	37482	5.08	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	304848	6.18	ng	0.00
78) Terphenyl-d14	13.01	244	278901	4.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	28595	3.19	ng	98
3) Pyridine	3.32	79	68909	3.03	ng	92
4) n-Nitrosodimethylamine	3.21	42	33119	3.20	ng	# 86
6) Aniline	6.56	93	119335	3.49	ng	94
8) 2-Chlorophenol	6.67	128	73675	2.84	ng	98
9) Benzaldehyde	6.44	77	65505	4.52	ng	93
10) Phenol	6.52	94	98244	3.25	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	72562	3.31	ng	98
12) 1,3-Dichlorobenzene	6.84	146	78708	2.80	ng	# 92
13) 1,4-Dichlorobenzene	6.92	146	75927	2.66	ng	94
14) 1,2-Dichlorobenzene	7.07	146	82570	3.16	ng	# 91
15) Benzyl Alcohol	7.04	79	69715	3.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	143903	5.88	ng	100
17) 2-Methylphenol	7.14	107	60339	2.96	ng	99
18) Hexachloroethane	7.41	117	27638	2.63	ng	# 68
19) n-Nitroso-di-n-propylamine	7.30	70	53727	3.25	ng	# 88
20) 3+4-Methylphenols	7.30	107	76837	2.96	ng	# 86
22) Acetophenone	7.30	105	110210	2.95	ng	# 93
24) Nitrobenzene	7.47	77	63361	2.34	ng	93
25) Isophorone	7.72	82	146779	3.03	ng	97
26) 2-Nitrophenol	7.80	139	19226	1.40	ng	# 80
27) 2,4-Dimethylphenol	7.84	122	92933	4.05	ng	86
28) bis(2-Chloroethoxy)methane	7.94	93	88088	3.10	ng	96
29) 2,4-Dichlorophenol	8.03	162	55726	2.56	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	63789	2.71	ng	95
31) Naphthalene	8.20	128	209276	2.65	ng	94
32) Benzoic acid	7.84	122	92933	7.50	ng	# 8
33) 4-Chloroaniline	8.25	127	93384	2.88	ng	94
34) Hexachlorobutadiene	8.33	225	35188	2.60	ng	95
35) Caprolactam	8.58	113	19184	3.12	ng	# 82
36) 4-Chloro-3-methylphenol	8.72	107	62379	2.56	ng	# 81
37) 2-Methylnaphthalene	8.90	142	158941	3.17	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	58082	2.69	ng	99
40) Hexachlorocyclopentadiene	9.06	237	32148	5.50	ng	93

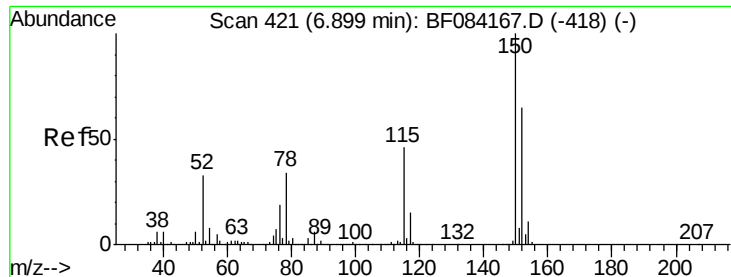
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123015\
 Data File : BF084164.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	50698	3.56	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	31124	2.19	ng #	75
45) 1,1'-Biphenyl	9.37	154	179338	2.96	ng	90
46) 2-Chloronaphthalene	9.38	162	128186	2.77	ng	97
47) 2-Nitroaniline	9.47	65	22397	1.76	ng #	88
48) Acenaphthylene	9.80	152	220278	2.87	ng	96
49) Dimethylphthalate	9.65	163	141503	2.50	ng #	98
50) 2,6-Dinitrotoluene	9.72	165	16349	1.38	ng	97
51) Acenaphthene	9.97	154	145673	3.20	ng	100
52) 3-Nitroaniline	9.88	138	28624	2.25	ng #	88
53) 2,4-Dinitrophenol	9.98	184	3596	1.00	ng #	18
54) Dibenzofuran	10.14	168	205077	3.27	ng	99
55) 4-Nitrophenol	10.03	139	18021	2.44	ng #	77
56) 2,4-Dinitrotoluene	10.11	165	19867	1.24	ng #	1
57) Fluorene	10.49	166	159575	3.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	36334	3.50	ng	98
59) Diethylphthalate	10.36	149	166283	2.87	ng	94
60) 4-Chlorophenyl-phenylether	10.49	204	70637	2.92	ng #	81
61) 4-Nitroaniline	10.49	138	23666	1.94	ng	95
62) Azobenzene	10.64	77	158595	3.20	ng	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	5576	0.75	ng	91
65) n-Nitrosodiphenylamine	10.59	169	121414	2.63	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	39486	2.56	ng #	74
67) Hexachlorobenzene	11.04	284	44259	2.64	ng #	73
68) Atrazine	11.12	200	39557	2.75	ng	97
69) Pentachlorophenol	11.22	266	20480	3.62	ng	92
70) Phenanthrene	11.45	178	249558	3.20	ng	95
71) Anthracene	11.49	178	237813	2.93	ng	94
72) Carbazole	11.65	167	200175	2.88	ng #	93
73) Di-n-butylphthalate	12.00	149	249214	2.79	ng #	94
74) Fluoranthene	12.64	202	231531	2.83	ng	89
76) Benzidine	12.75	184	129958	3.26	ng	99
77) Pyrene	12.87	202	233289	2.45	ng	94
79) Butylbenzylphthalate	13.49	149	86634	2.13	ng #	81
80) Benzo(a)anthracene	14.04	228	190167	2.73	ng	98
81) 3,3'-Dichlorobenzidine	14.01	252	62952	2.90	ng #	94
82) Chrysene	14.09	228	179173	2.87	ng	96
83) Bis(2-ethylhexyl)phthalate	14.05	149	127165	2.49	ng	99
84) Di-n-octyl phthalate	14.66	149	184829	2.51	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	115409	1.85	ng	98
87) Benzo(b)fluoranthene	15.08	252	162582	2.43	ng #	93
88) Benzo(k)fluoranthene	15.08	252	162582	3.61	ng	95
89) Benzo(a)pyrene	15.44	252	134539	2.45	ng #	95
90) Dibenzo(a,h)anthracene	16.92	278	92651	1.77	ng #	94
91) Benzo(g,h,i)perylene	17.32	276	96063	1.80	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

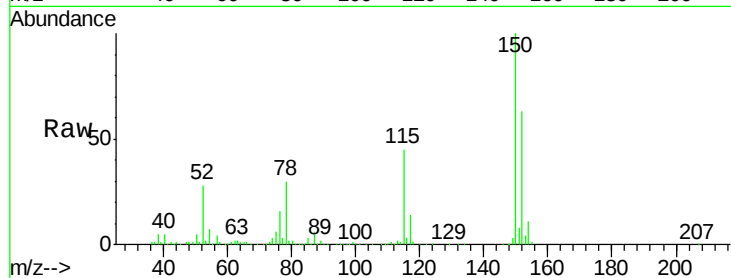
Tgt Ion:152 Resp: 358329

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.8

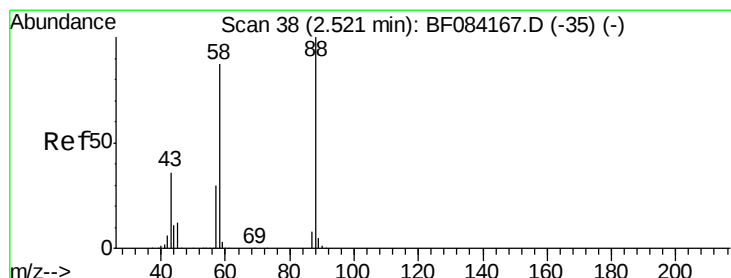
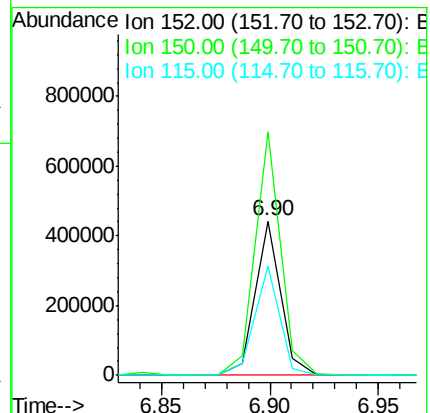
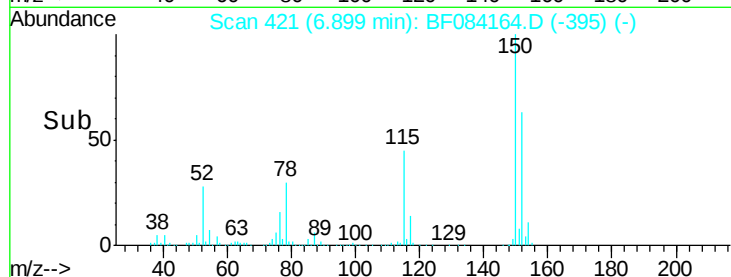
115 70.7 57.1 85.7



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: 3.19 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

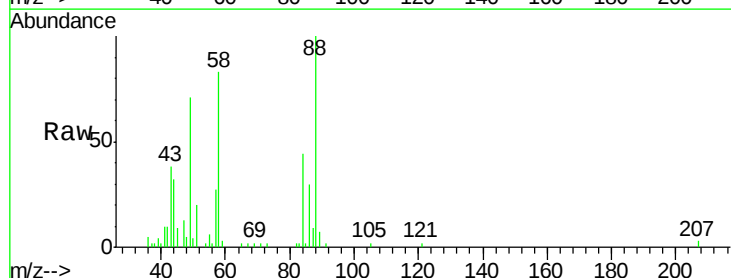
Tgt Ion: 88 Resp: 28595

Ion Ratio Lower Upper

88 100

58 82.9 67.8 101.6

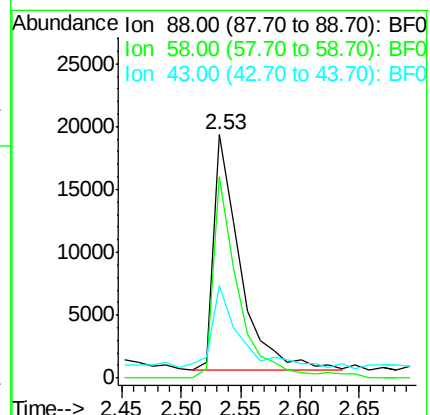
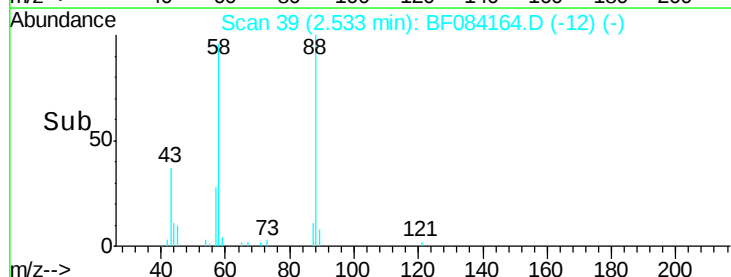
43 37.0 27.8 41.8

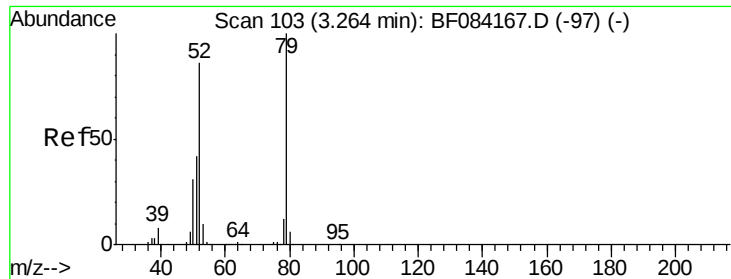


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 3.03 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.06 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

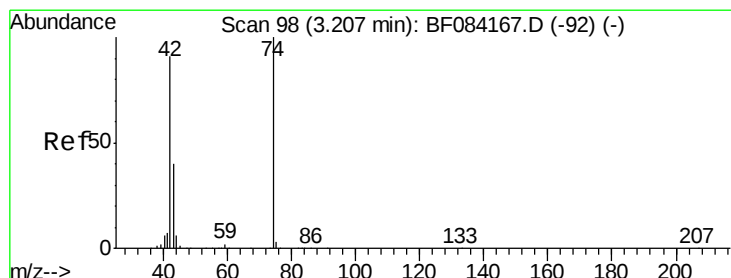
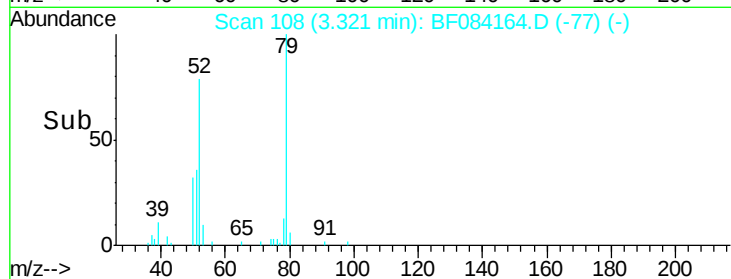
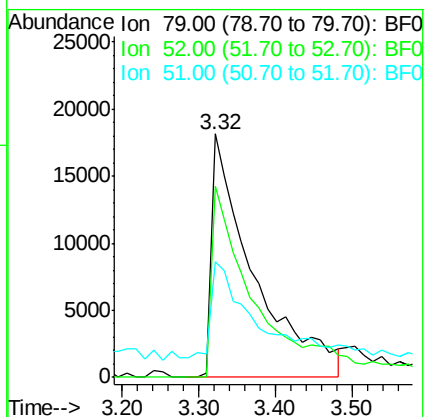
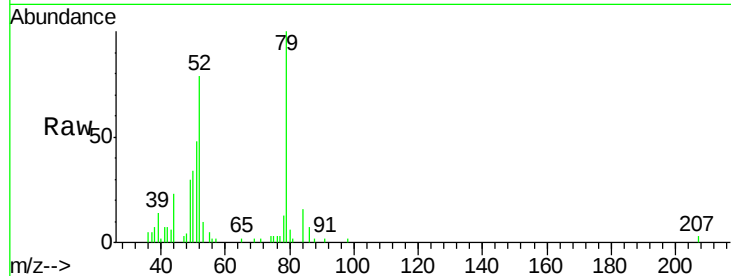
Tgt Ion: 79 Resp: 68909

Ion Ratio Lower Upper

79 100

52 78.7 68.5 102.7

51 47.6 33.7 50.5



#4

n-Nitrosodimethylamine

Concen: 3.20 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

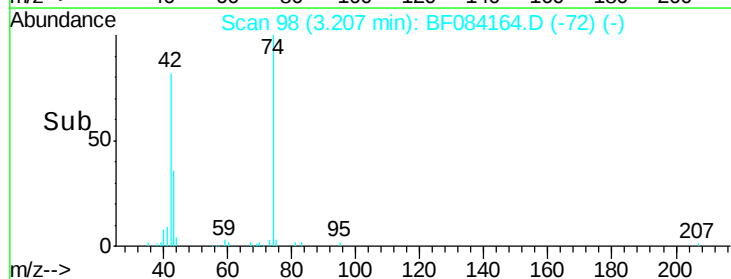
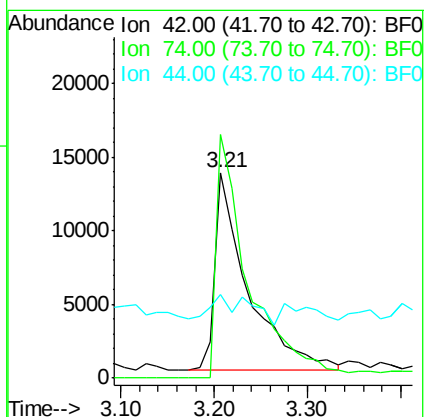
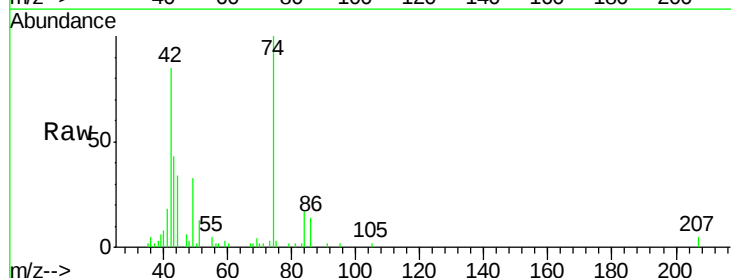
Tgt Ion: 42 Resp: 33119

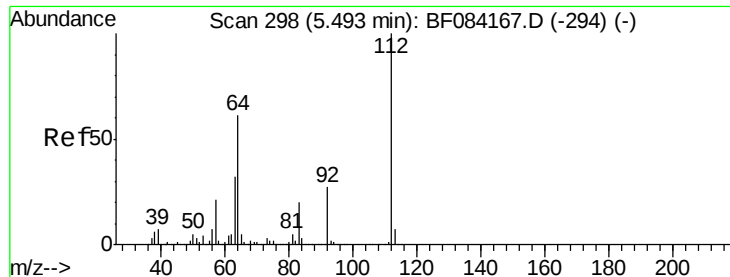
Ion Ratio Lower Upper

42 100

74 118.3 87.8 131.8

44 40.8 6.3 9.5#





#5

2-Fluorophenol

Concen: 6.46 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

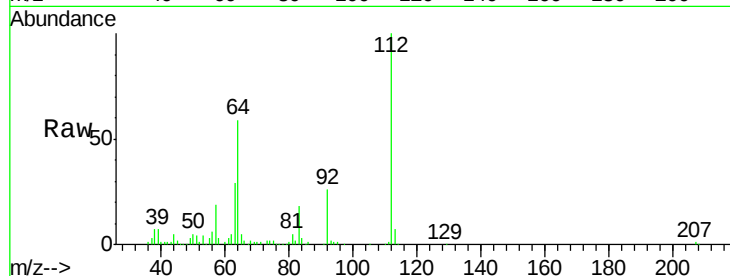
Tgt Ion: 112 Resp: 138066

Ion Ratio Lower Upper

112 100

64 59.3 48.7 73.1

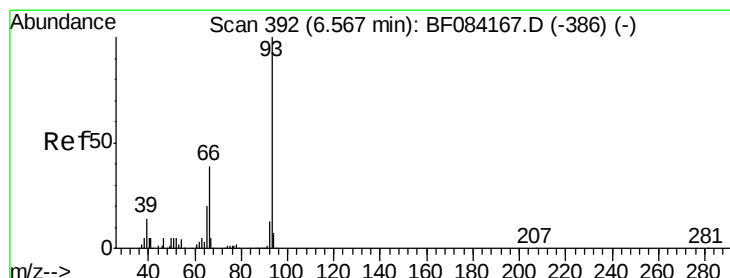
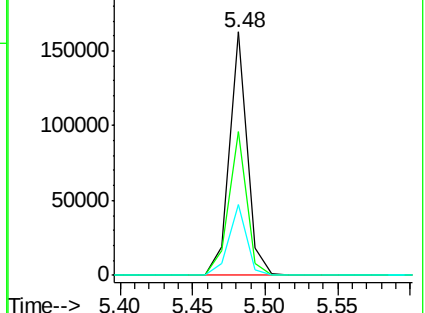
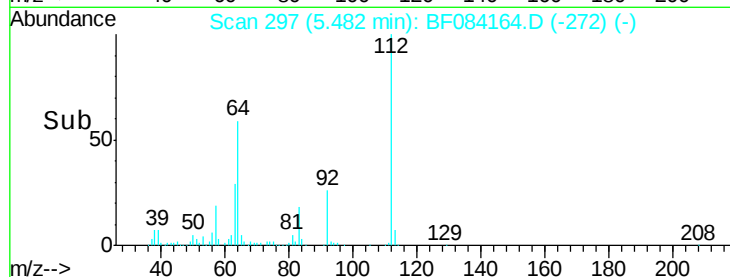
63 29.3 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 3.49 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

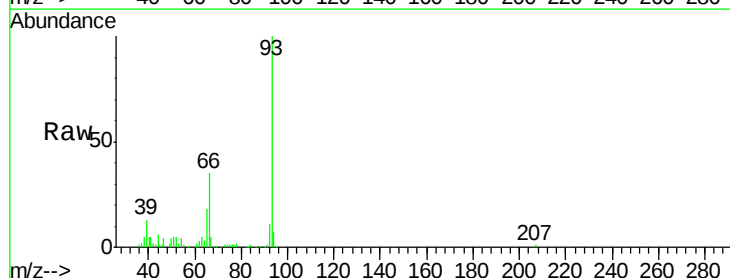
Tgt Ion: 93 Resp: 119335

Ion Ratio Lower Upper

93 100

66 35.2 31.2 46.8

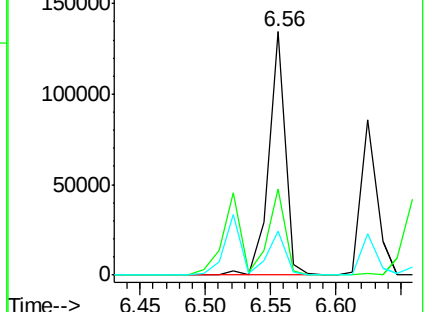
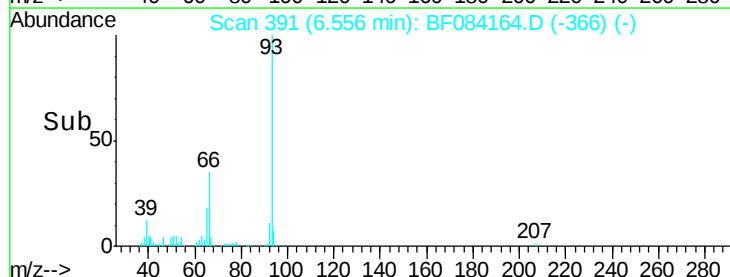
65 18.3 16.2 24.4

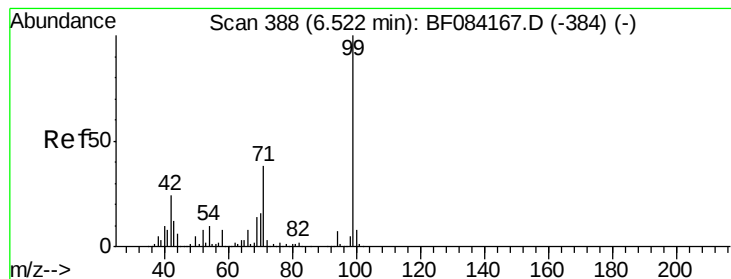


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 6.39 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

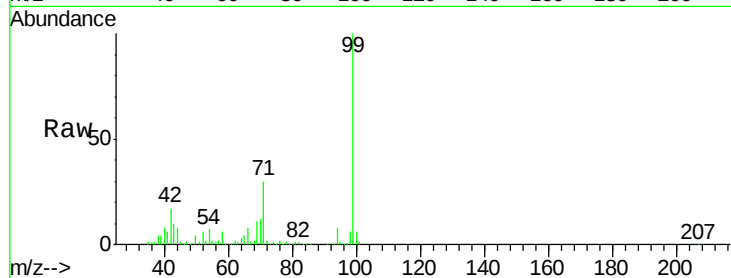
Tgt Ion: 99 Resp: 169848

Ion Ratio Lower Upper

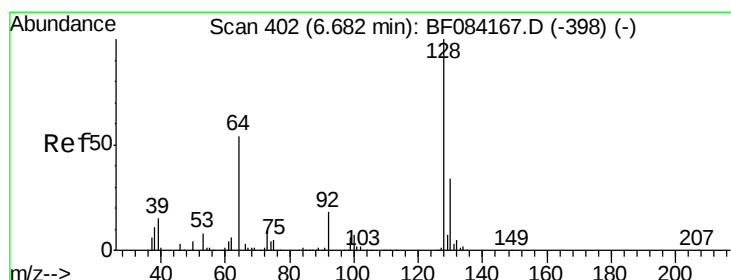
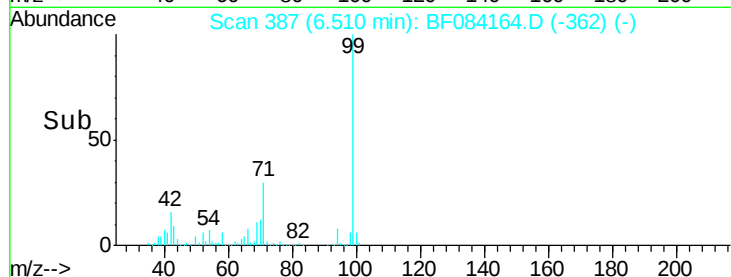
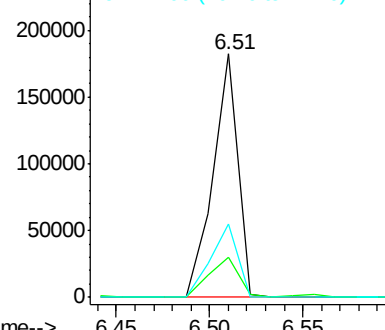
99 100

42 16.7 19.2 28.8#

71 29.9 30.4 45.6#



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: 2.84 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

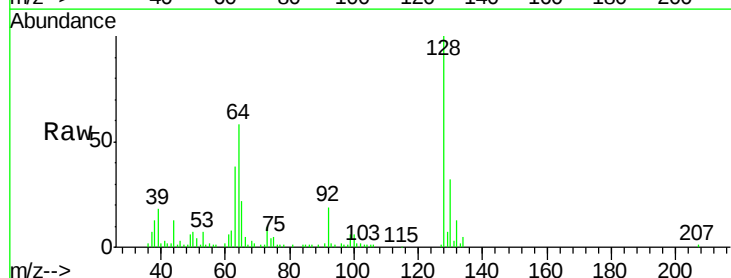
Tgt Ion: 128 Resp: 73675

Ion Ratio Lower Upper

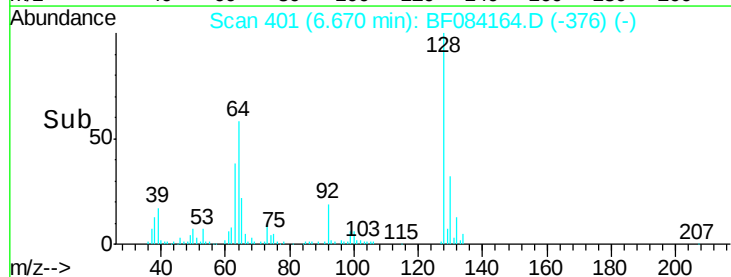
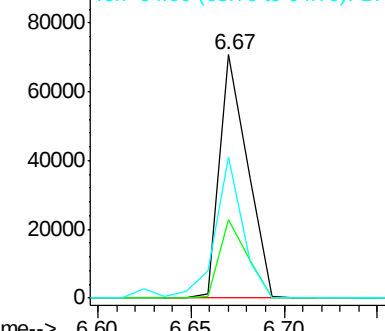
128 100

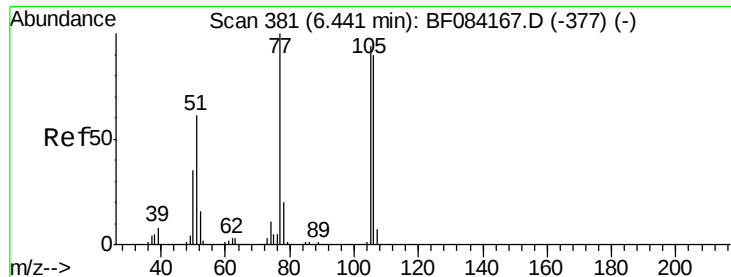
130 32.1 13.5 53.5

64 58.1 36.9 76.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.52 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

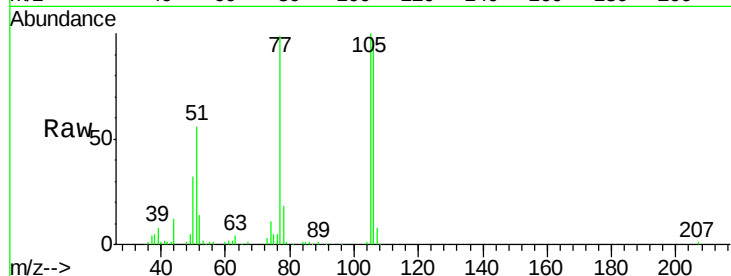
Tgt Ion: 77 Resp: 65505

Ion Ratio Lower Upper

77 100

105 100.9 73.7 113.7

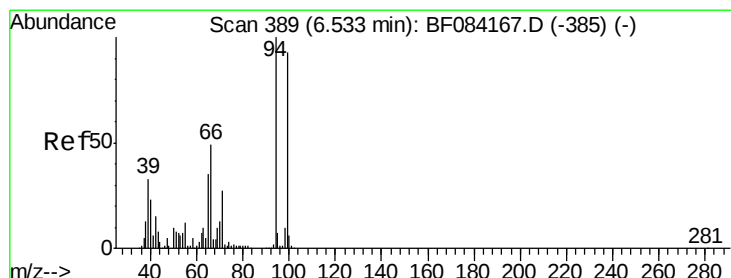
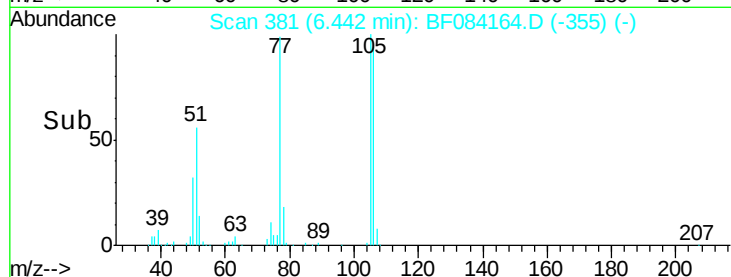
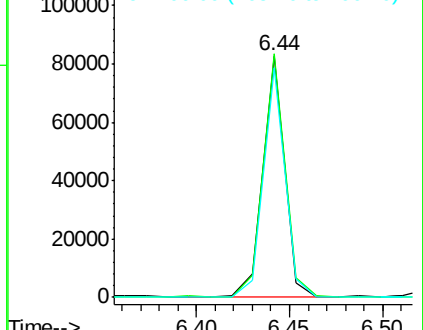
106 95.2 69.5 109.5



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: 3.25 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

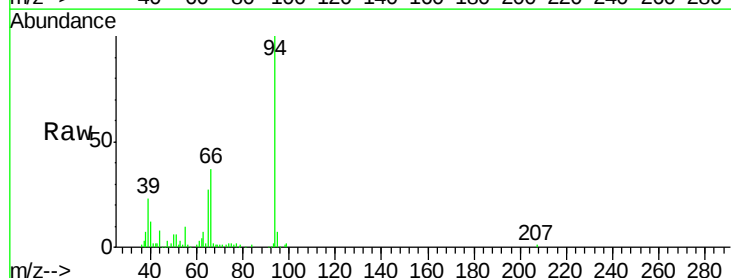
Tgt Ion: 94 Resp: 98244

Ion Ratio Lower Upper

94 100

65 27.1 15.2 55.2

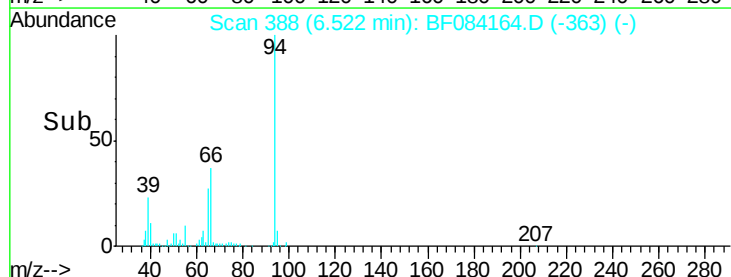
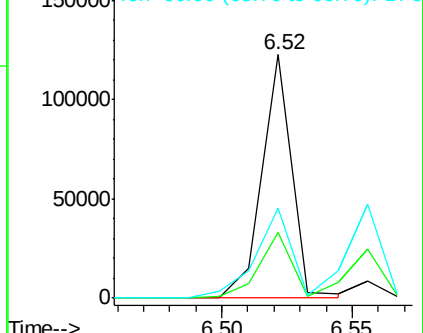
66 36.8 29.0 69.0

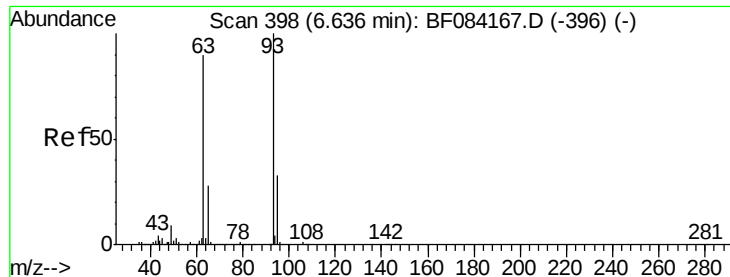


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

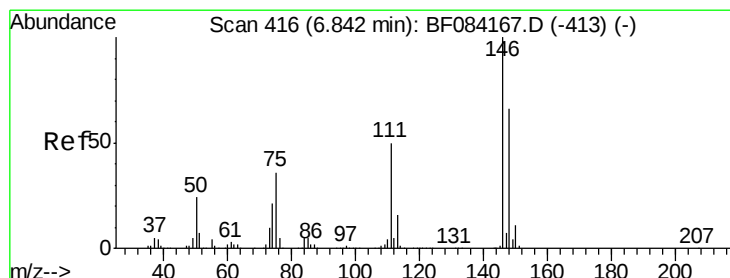
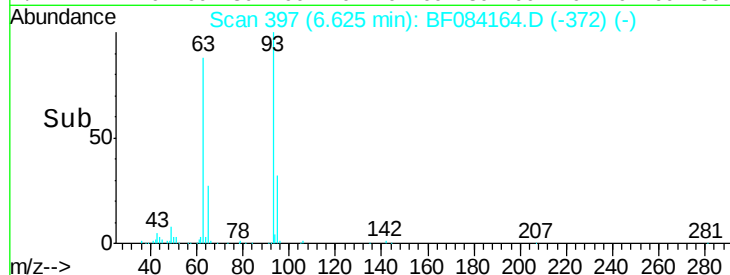
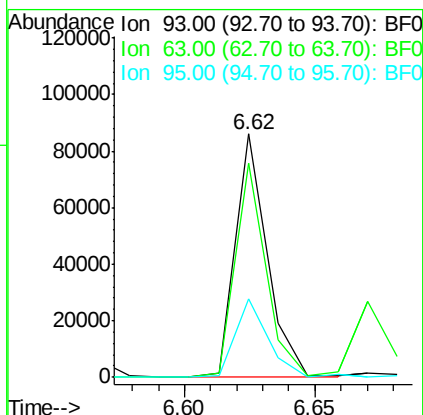
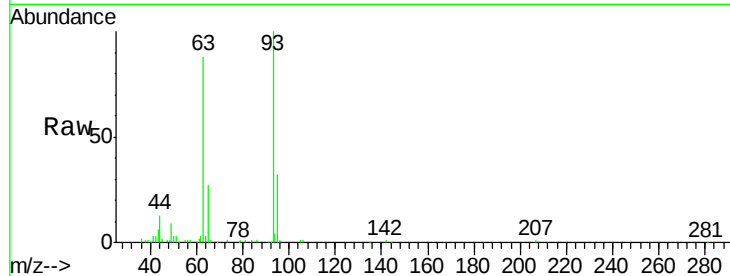




#11
bis(2-Chloroethyl)ether
Concen: 3.31 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

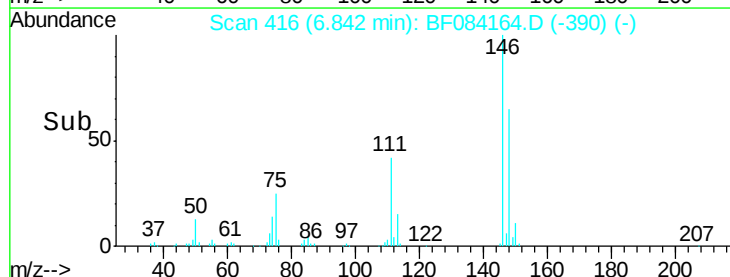
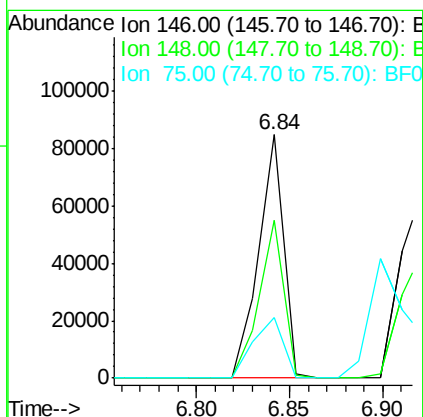
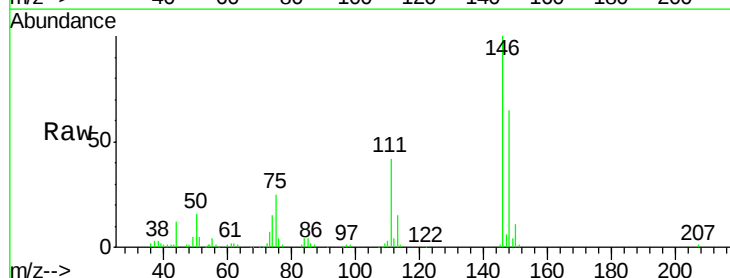
Instrument :
BNA_F
ClientSampleId :
BFB

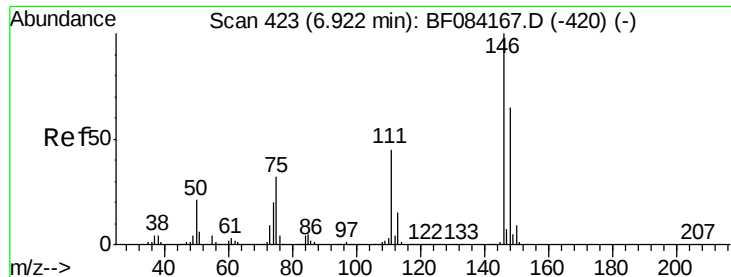
Tgt Ion: 93 Resp: 72562
Ion Ratio Lower Upper
93 100
63 87.9 69.5 109.5
95 32.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 2.80 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion: 146 Resp: 78708
Ion Ratio Lower Upper
146 100
148 64.6 52.6 79.0
75 24.7 29.2 43.8#





#13

1,4-Dichlorobenzene

Concen: 2.66 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

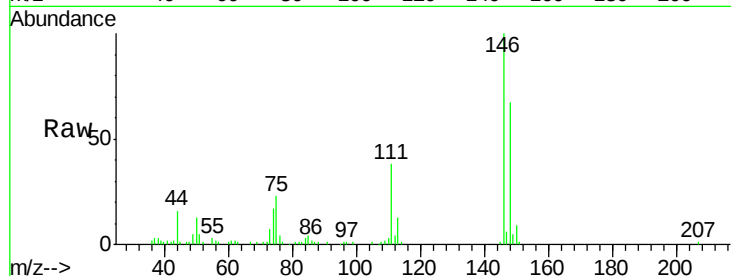
Tgt Ion:146 Resp: 75927

Ion Ratio Lower Upper

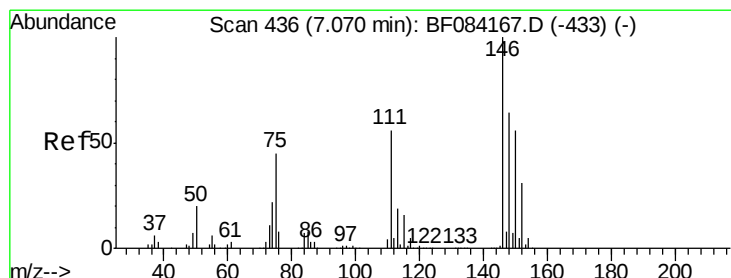
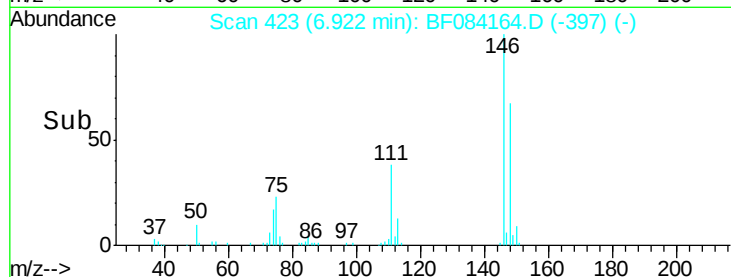
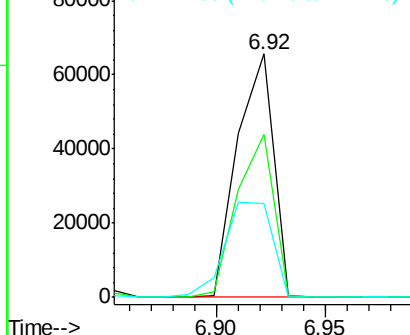
146 100

148 67.1 52.2 78.2

111 38.4 36.2 54.2



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



#14

1,2-Dichlorobenzene

Concen: 3.16 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

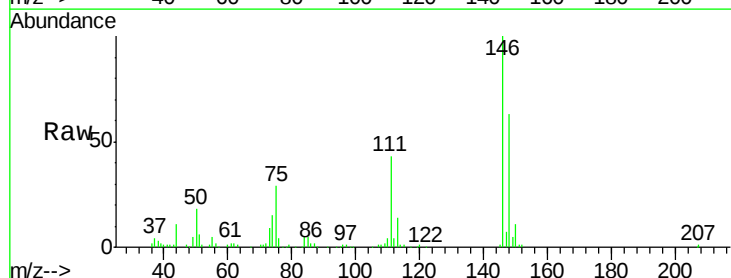
Tgt Ion:146 Resp: 82570

Ion Ratio Lower Upper

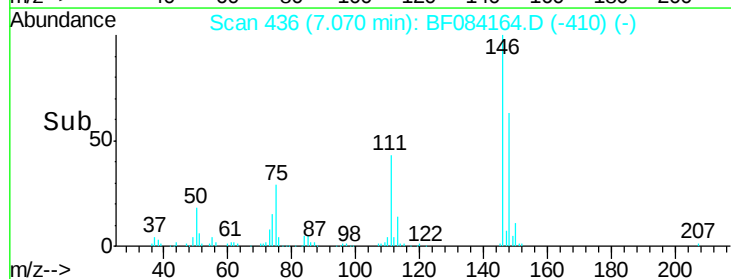
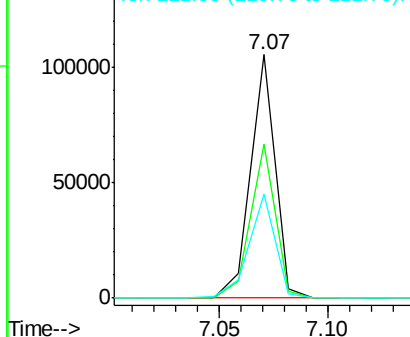
146 100

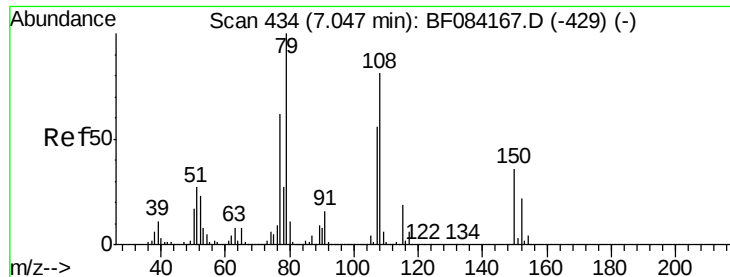
148 63.3 51.3 76.9

111 42.7 45.0 67.4#



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





#15

Benzyl Alcohol

Concen: 3.37 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

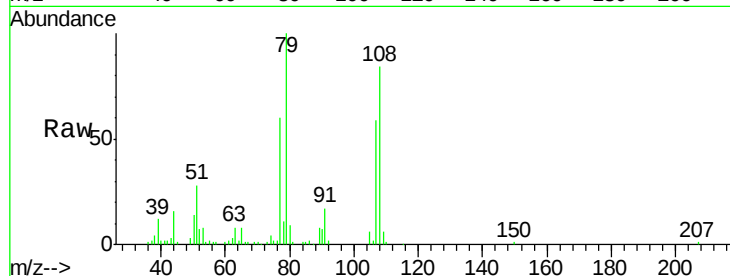
Tgt Ion: 79 Resp: 69715

Ion Ratio Lower Upper

79 100

108 84.2 65.1 97.7

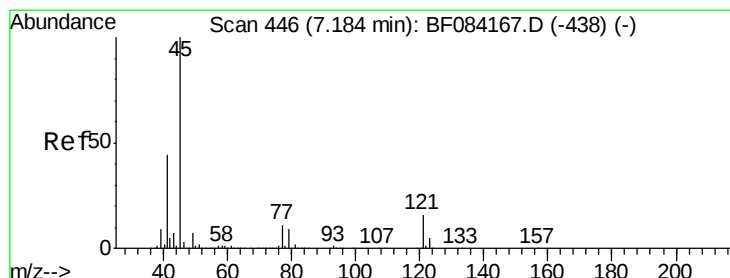
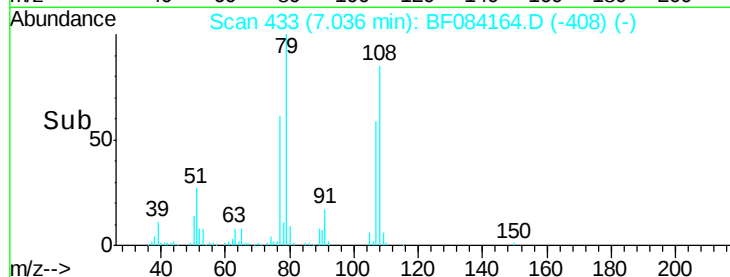
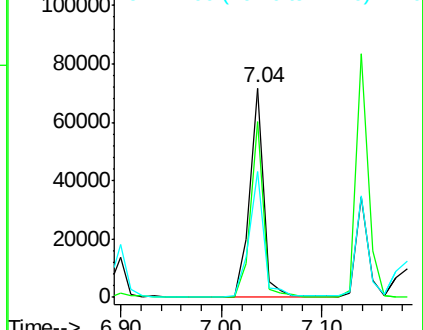
77 60.4 49.8 74.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.88 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

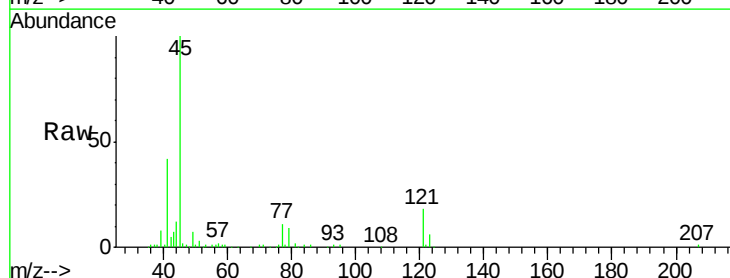
Tgt Ion: 45 Resp: 143903

Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.2

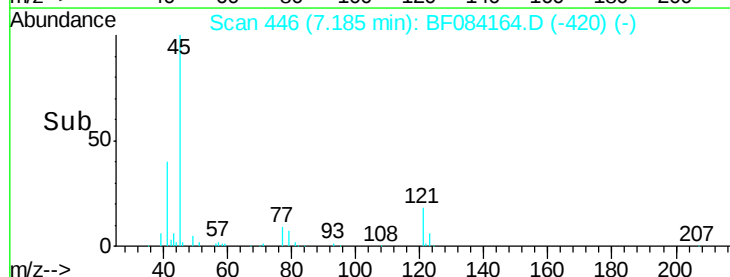
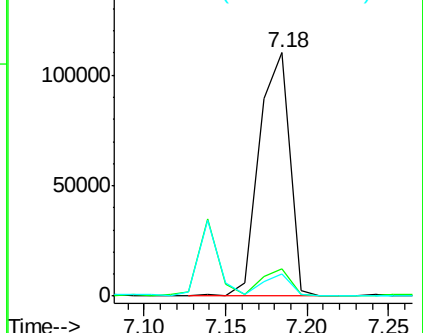
79 8.9 0.0 28.8

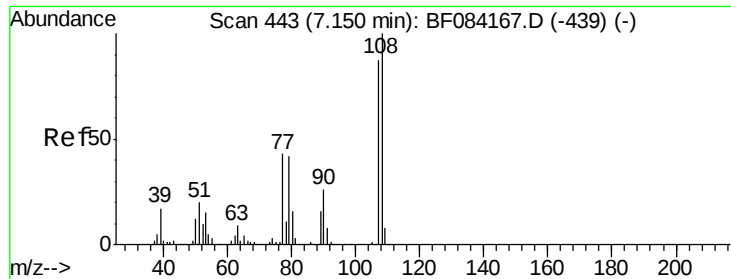


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

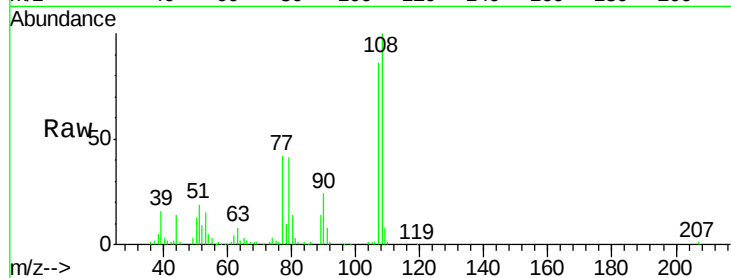




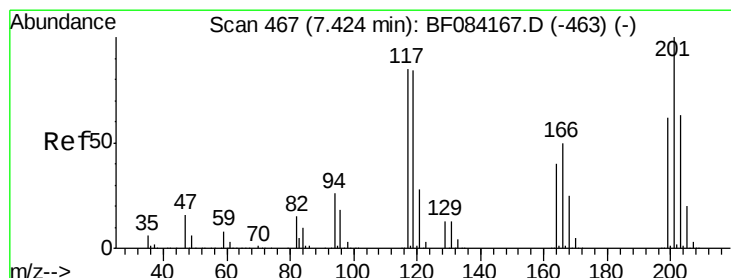
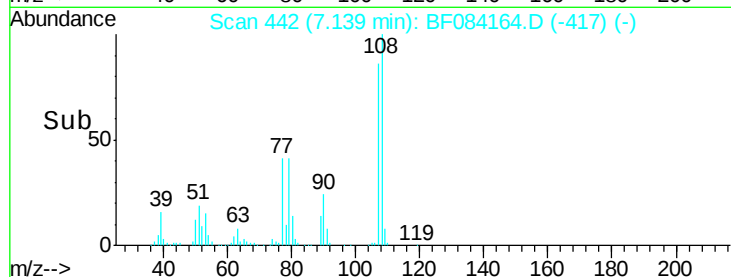
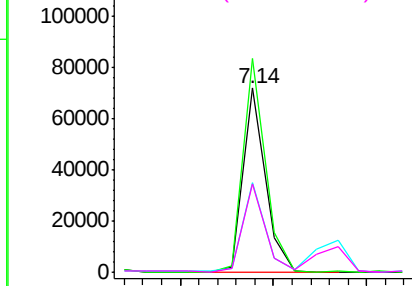
#17
2-Methylphenol
Concen: 2.96 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Instrument :
BNA_F
ClientSampleId :
BFB

Tgt Ion:107 Resp: 60339
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.2
77 48.5 39.6 59.4
79 47.7 38.9 58.3

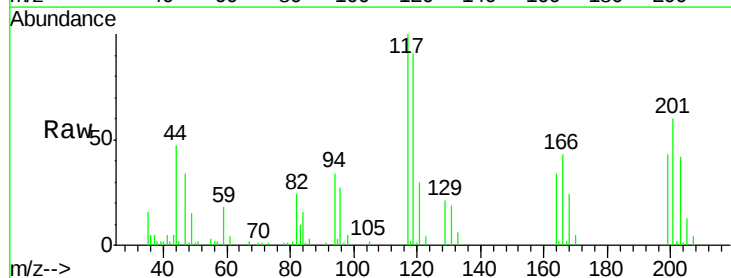


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

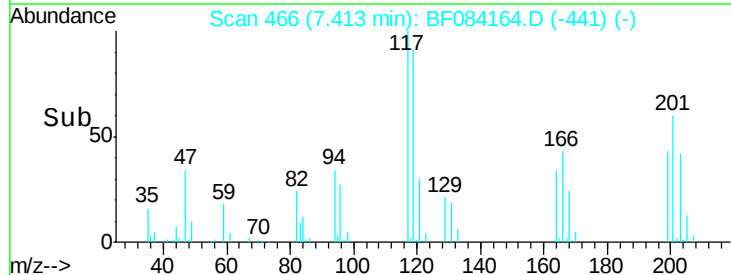
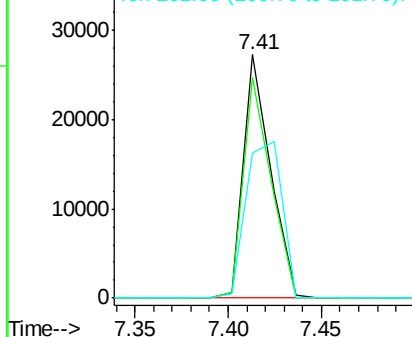


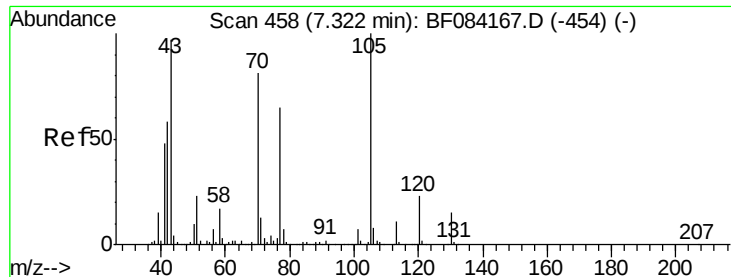
#18
Hexachloroethane
Concen: 2.63 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion:117 Resp: 27638
Ion Ratio Lower Upper
117 100
119 90.8 79.2 118.8
201 59.8 93.9 140.9#



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

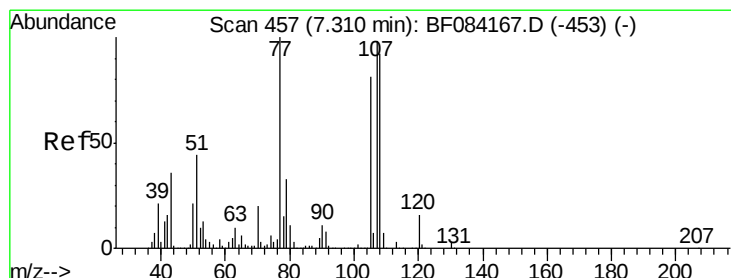
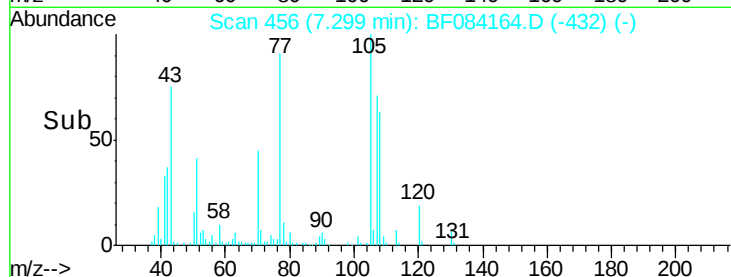
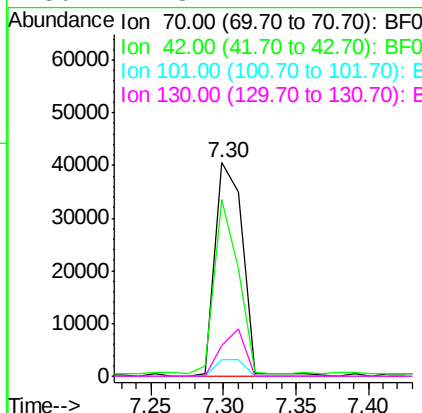
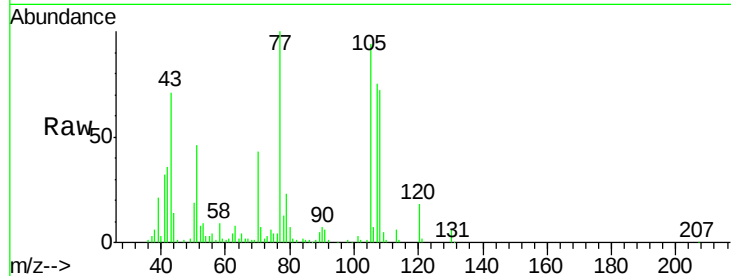




#19
n-Nitroso-di-n-propylamine
Concen: 3.25 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

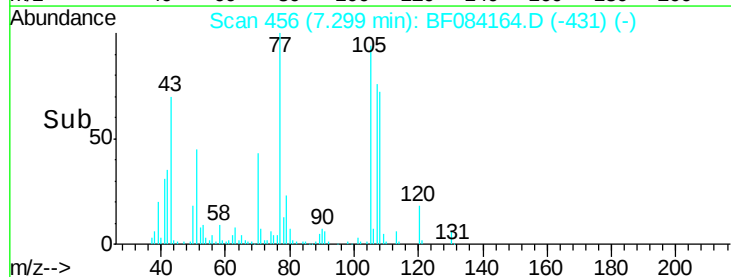
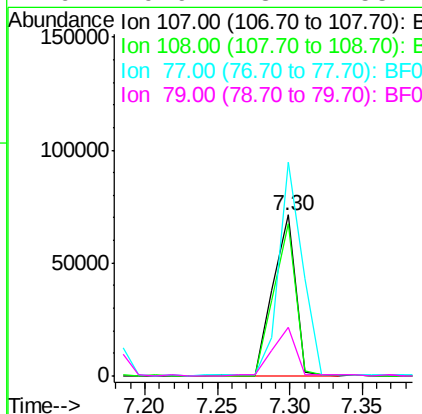
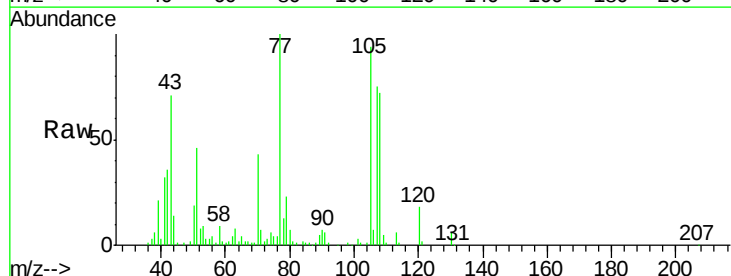
Instrument :
BNA_F
ClientSampleId :
BFB

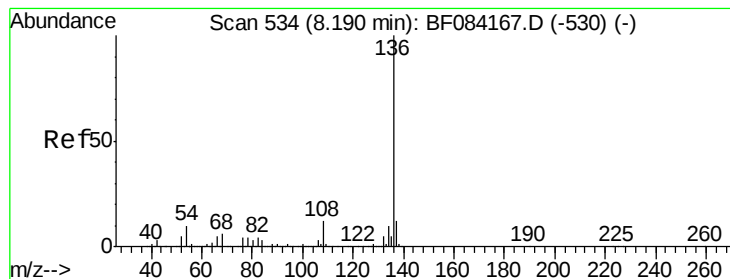
Tgt Ion: 70 Resp: 53727
Ion Ratio Lower Upper
70 100
42 82.8 57.4 86.0
101 7.8 7.3 10.9
130 14.3 14.7 22.1#



#20
3+4-Methylphenols
Concen: 2.96 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion: 107 Resp: 76837
Ion Ratio Lower Upper
107 100
108 94.9 74.5 114.5
77 132.6 82.4 122.4#
79 29.9 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

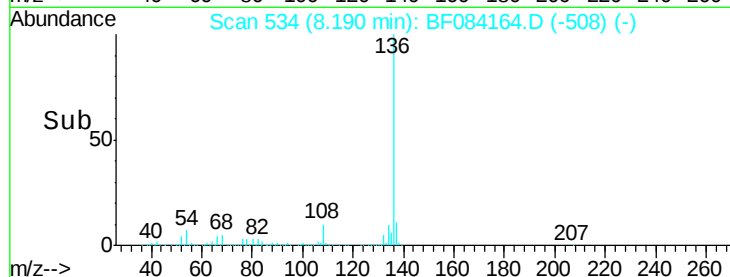
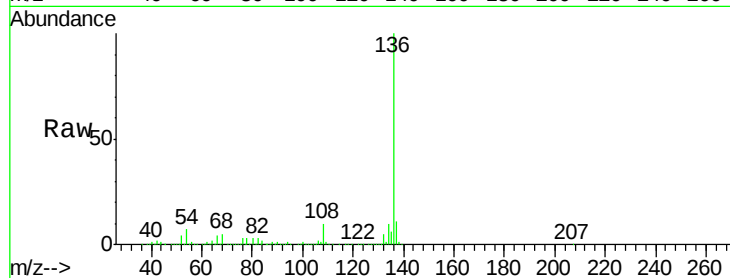
ClientSampleId :

BFB

Tgt Ion:136 Resp: 1508270

Ion Ratio Lower Upper

136	100		
137	11.2	9.4	14.0
54	7.2	7.6	11.4#
68	4.7	4.6	6.8



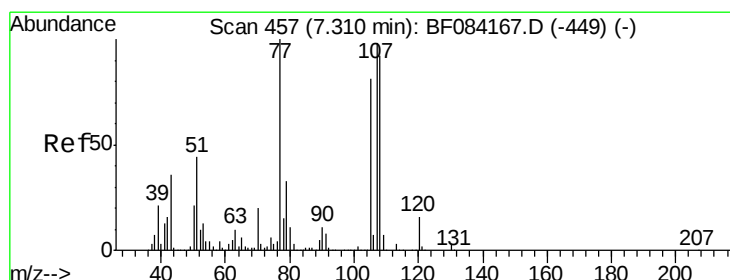
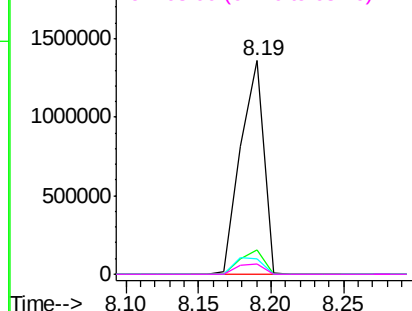
Abundance

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: 2.95 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

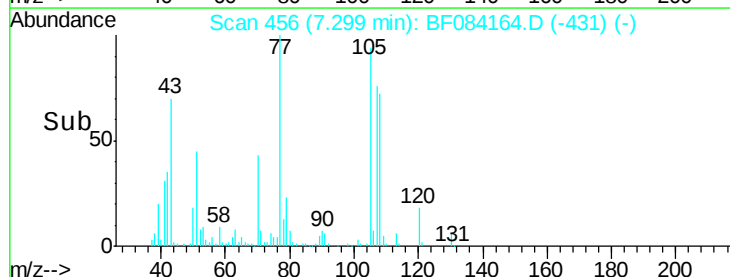
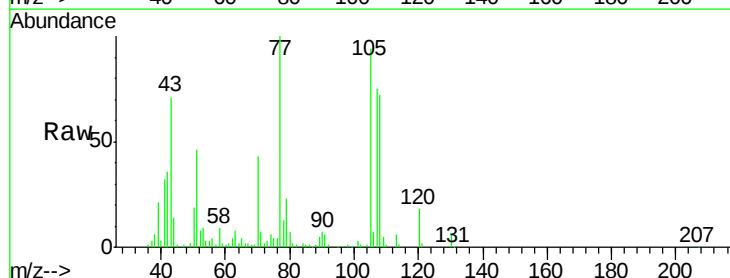
Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Tgt Ion:105 Resp: 110210

Ion Ratio Lower Upper

105	100		
71	7.7	3.2	4.8#
51	48.2	43.2	64.8
120	19.1	16.0	24.0



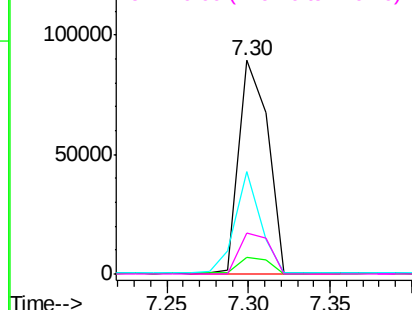
Abundance

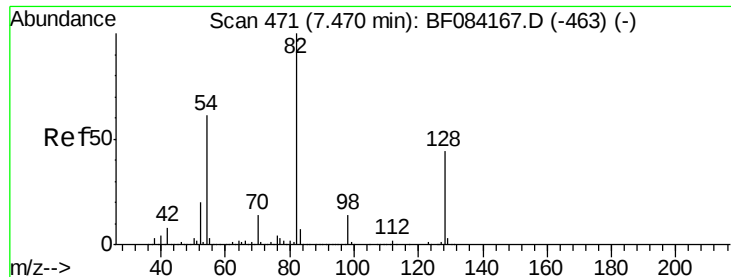
Ion 105.00 (104.70 to 105.70): E

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

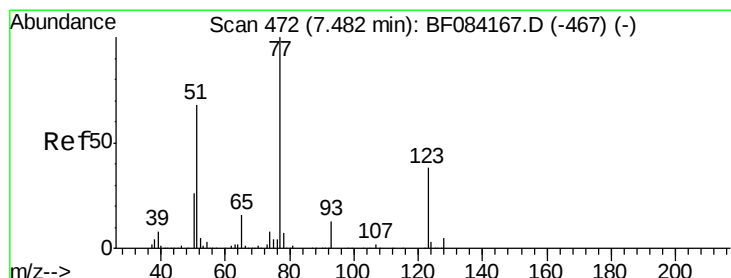
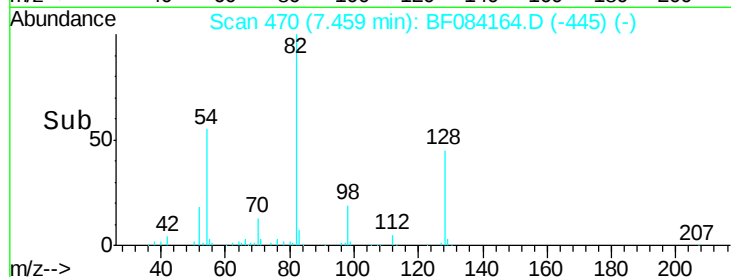
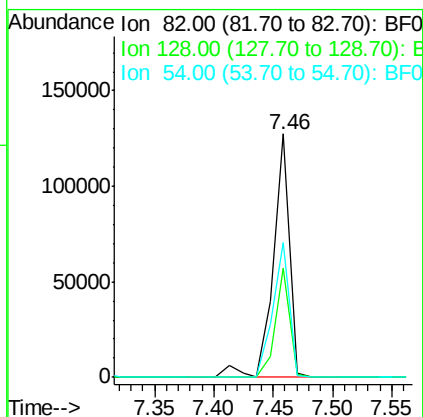
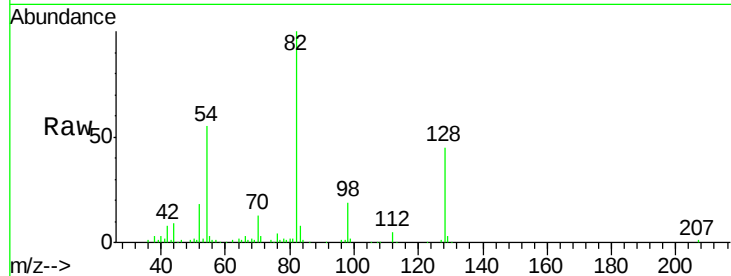




#23
 Nitrobenzene-d5
 Concen: 4.69 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

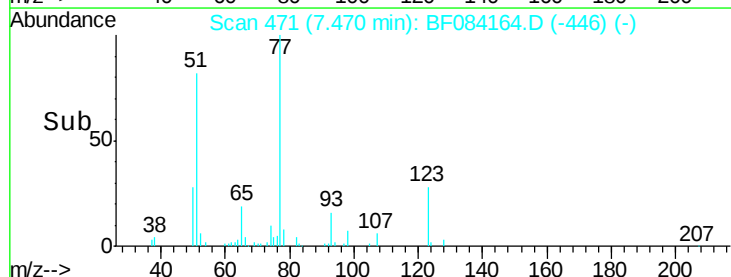
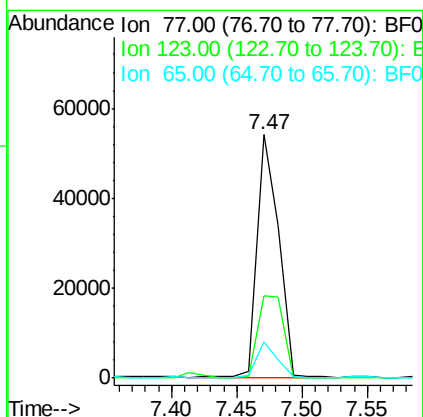
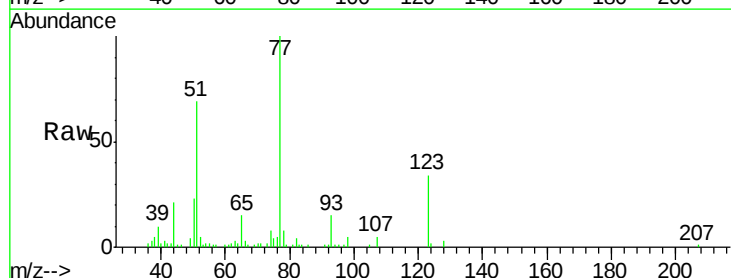
Instrument :
 BNA_F
 ClientSampleId :
 BFB

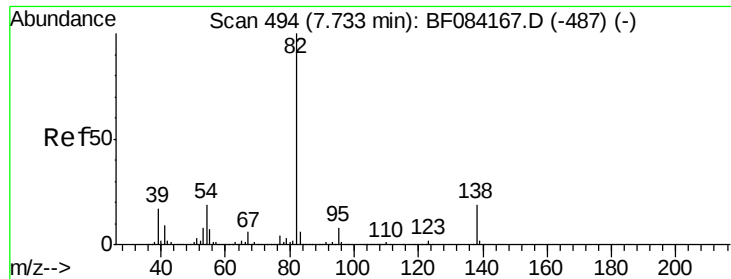
Tgt Ion: 82 Resp: 122598
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.0 52.4
 54 55.3 48.5 72.7



#24
 Nitrobenzene
 Concen: 2.34 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

Tgt Ion: 77 Resp: 63361
 Ion Ratio Lower Upper
 77 100
 123 33.8 31.3 46.9
 65 14.9 12.6 19.0





#25

Isophorone

Concen: 3.03 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

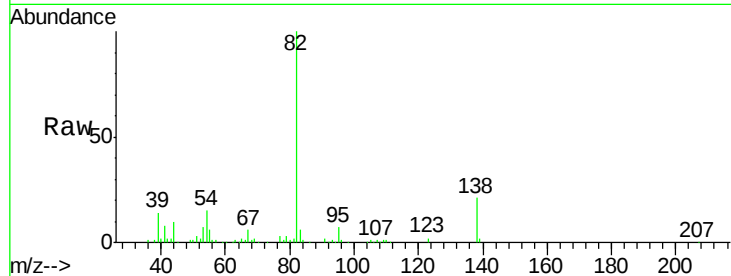
Tgt Ion: 82 Resp: 146779

Ion Ratio Lower Upper

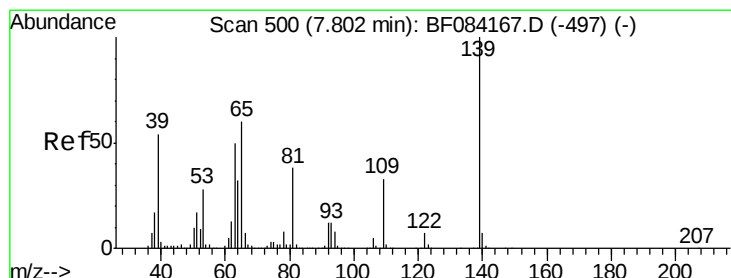
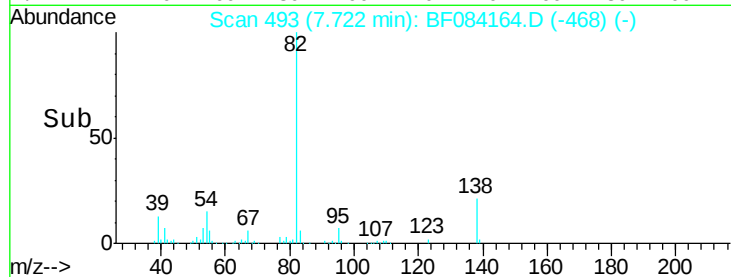
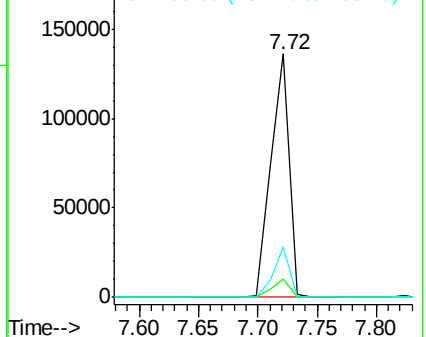
82 100

95 7.4 6.5 9.7

138 20.7 15.1 22.7



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



#26

2-Nitrophenol

Concen: 1.40 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

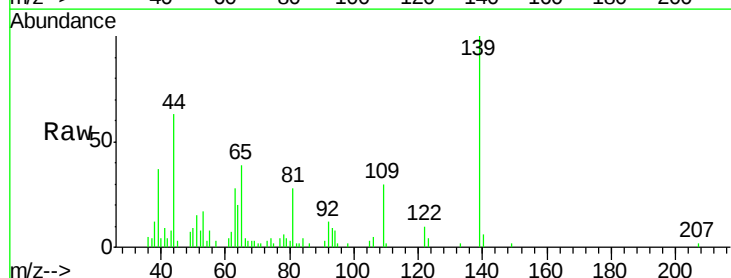
Tgt Ion: 139 Resp: 19226

Ion Ratio Lower Upper

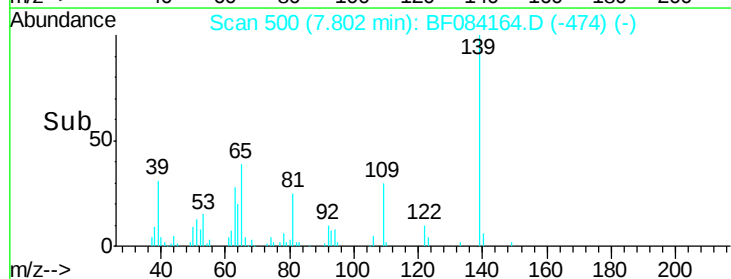
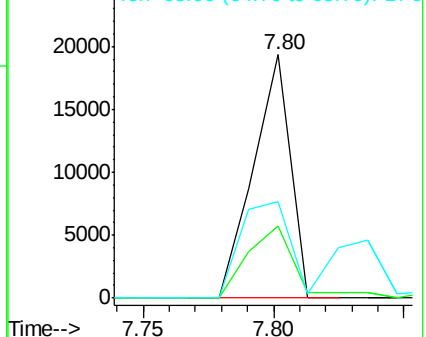
139 100

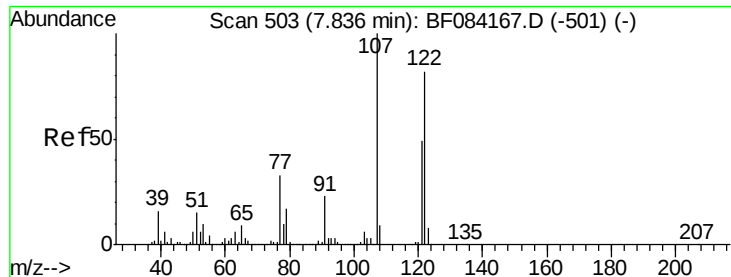
109 29.5 26.2 39.4

65 39.4 48.2 72.4#



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

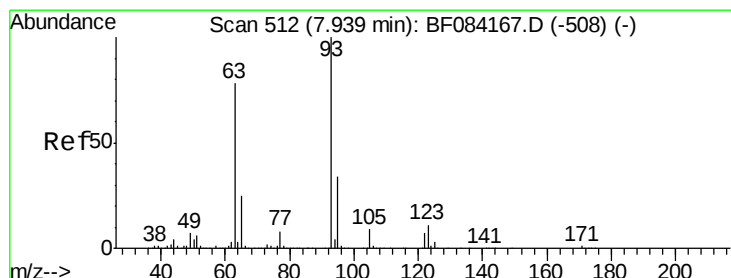
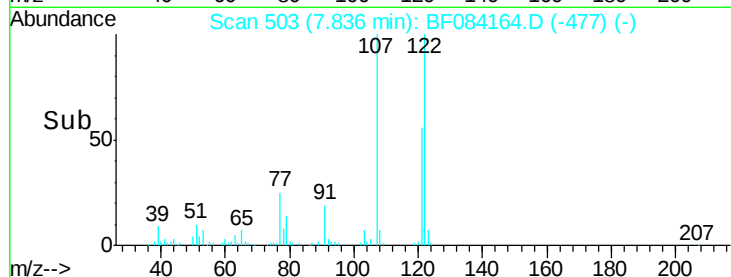
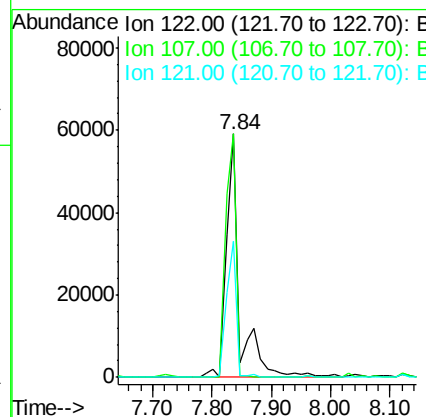
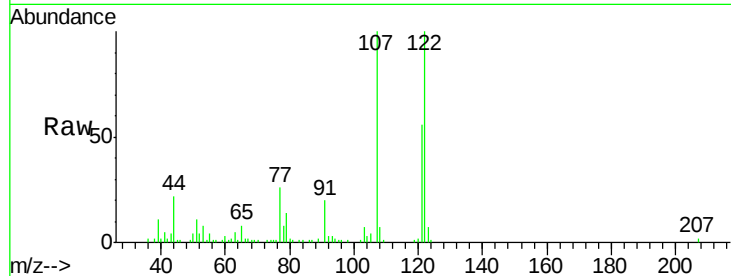




#27
 2,4-Dimethylphenol
 Concen: 4.05 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

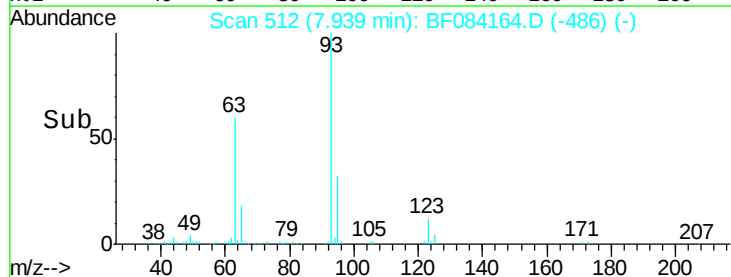
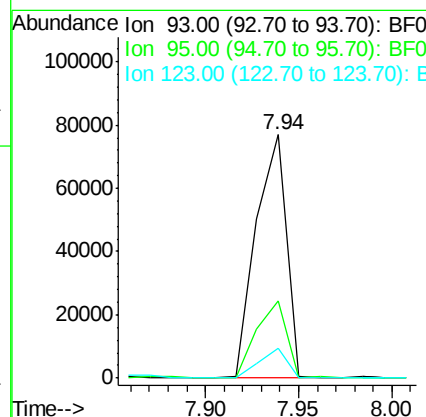
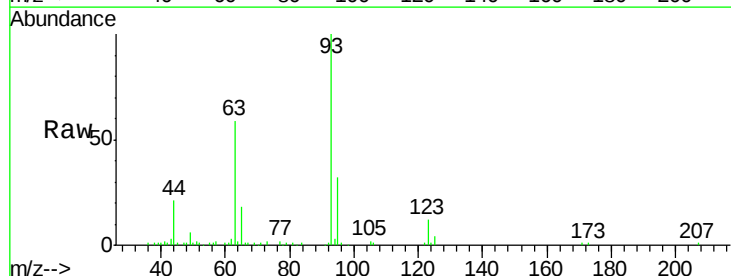
Instrument :
 BNA_F
 ClientSampleId :
 BFB

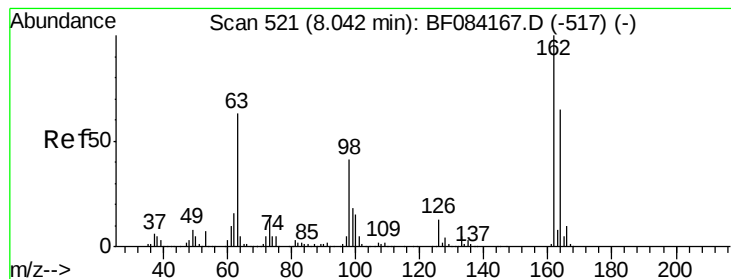
Tgt Ion:122 Resp: 92933
 Ion Ratio Lower Upper
 122 100
 107 99.8 96.8 145.2
 121 56.0 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.10 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

Tgt Ion: 93 Resp: 88088
 Ion Ratio Lower Upper
 93 100
 95 31.7 27.1 40.7
 123 12.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 2.56 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

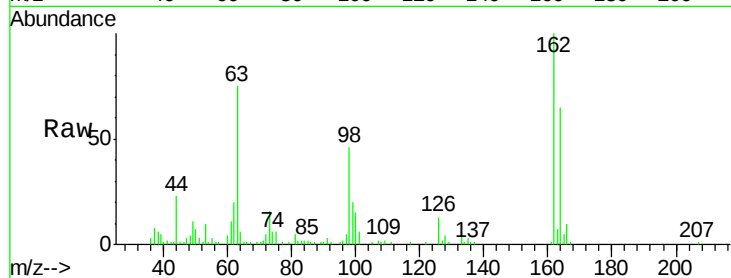
Tgt Ion:162 Resp: 55726

Ion Ratio Lower Upper

162 100

164 65.4 45.2 85.2

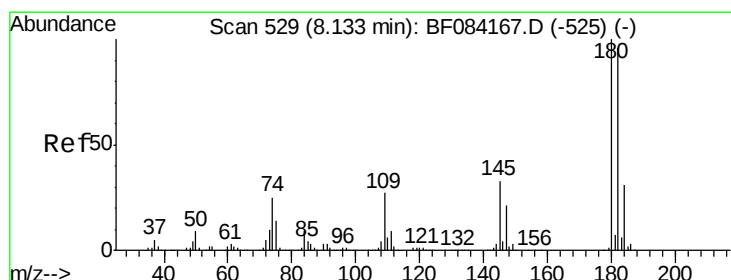
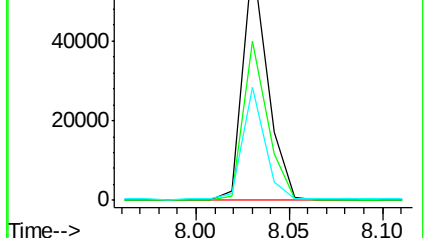
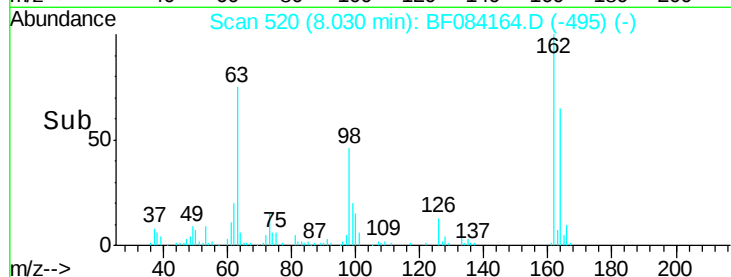
98 46.3 21.4 61.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BFO



#30

1,2,4-Trichlorobenzene

Concen: 2.71 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

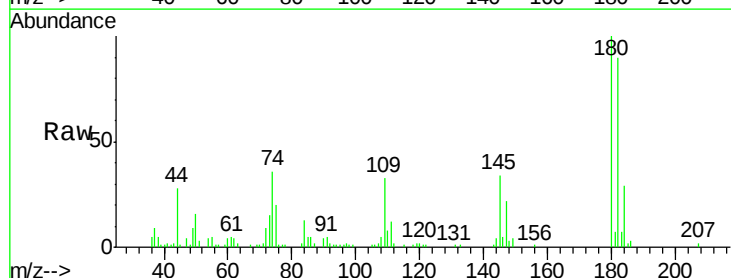
Tgt Ion:180 Resp: 63789

Ion Ratio Lower Upper

180 100

182 90.2 76.6 114.8

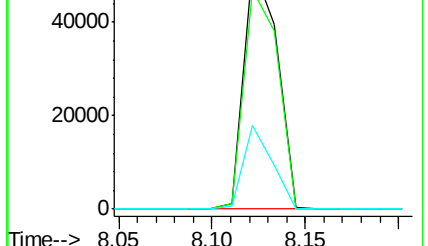
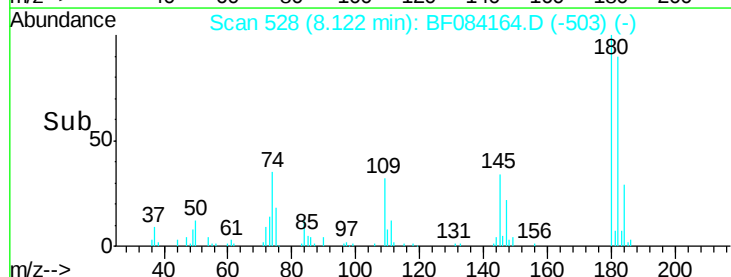
145 34.2 26.2 39.4

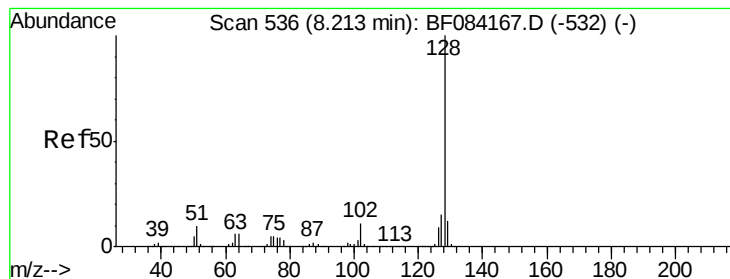


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.65 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampled :

BFB

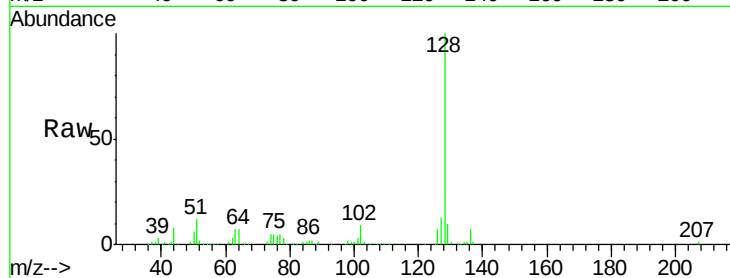
Tgt Ion:128 Resp: 209276

Ion Ratio Lower Upper

128 100

129 10.4 10.0 15.0

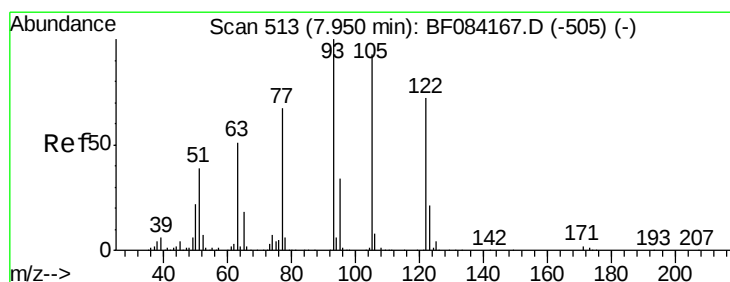
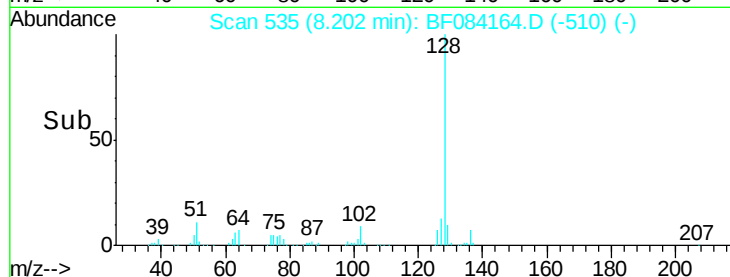
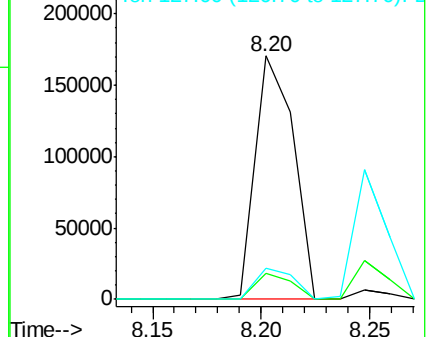
127 12.5 12.0 18.0



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: 7.50 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.11 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

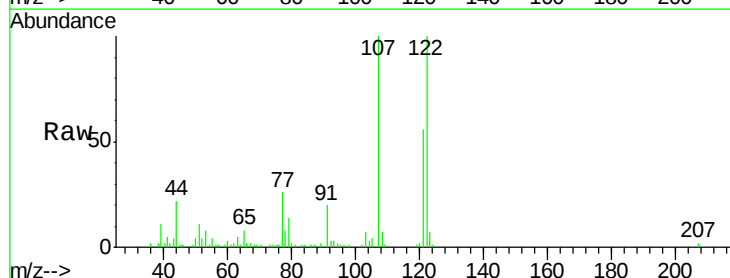
Tgt Ion:122 Resp: 92933

Ion Ratio Lower Upper

122 100

105 4.2 108.6 148.6#

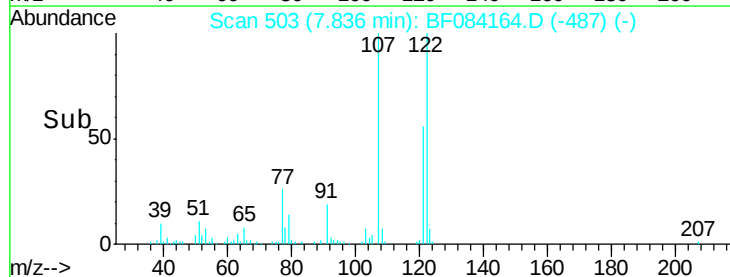
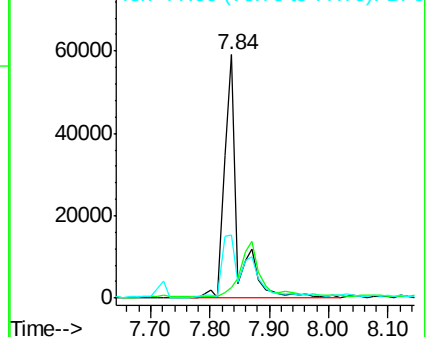
77 26.1 74.1 114.1#

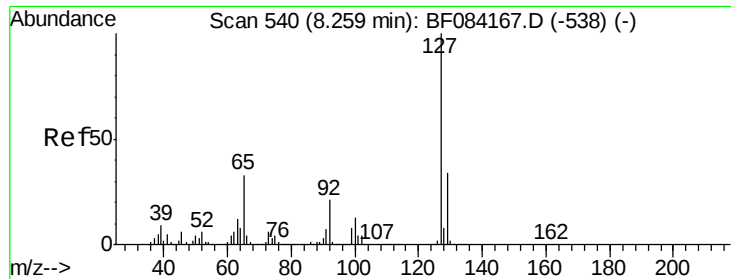


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

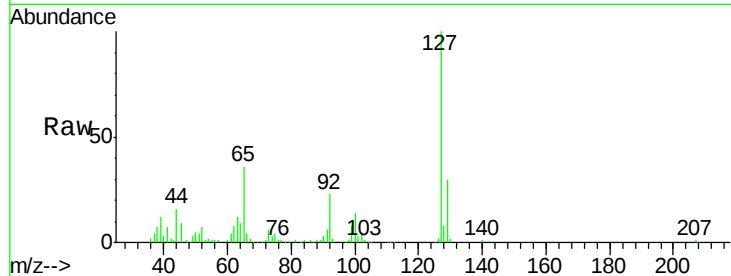




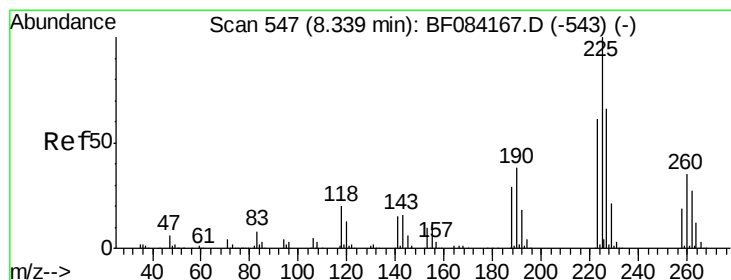
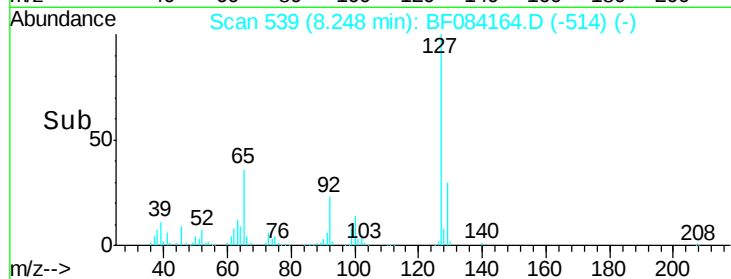
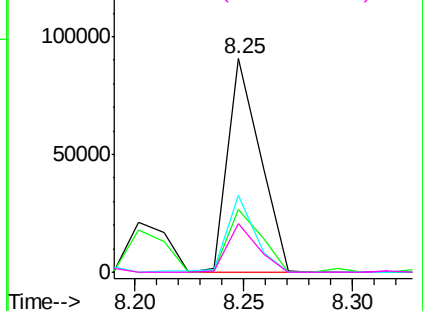
#33
 4-Chloroaniline
 Concen: 2.88 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

Instrument :
 BNA_F
 ClientSampled :
 BFB

Tgt Ion:	127	Resp:	93384
Ion	Ratio	Lower	Upper
127	100		
129	29.6	27.0	40.6
65	35.8	26.6	40.0
92	22.9	16.5	24.7

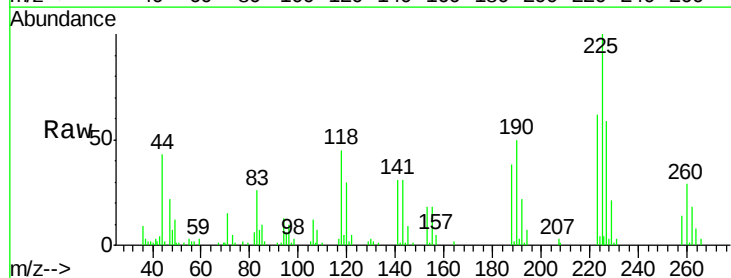


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

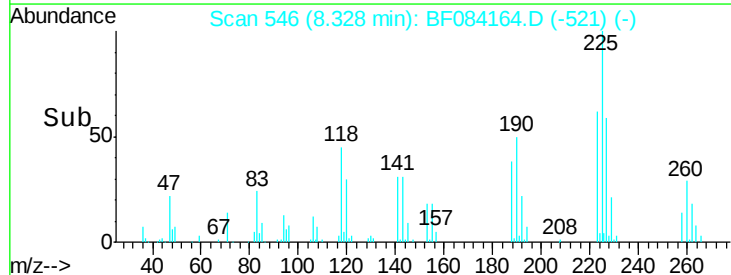
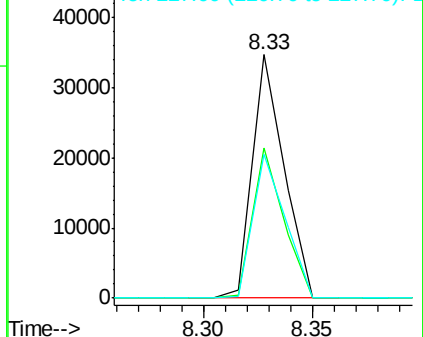


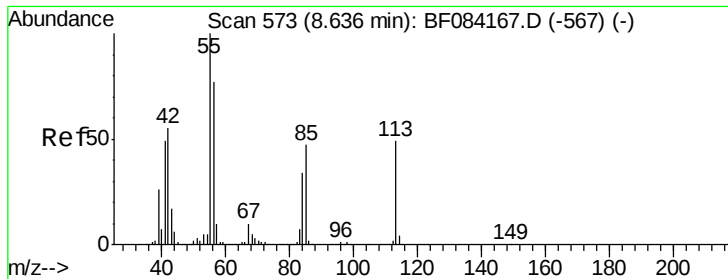
#34
 Hexachlorobutadiene
 Concen: 2.60 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

Tgt Ion:	225	Resp:	35188
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.0	73.6
227	59.0	53.0	79.4



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.12 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.06 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

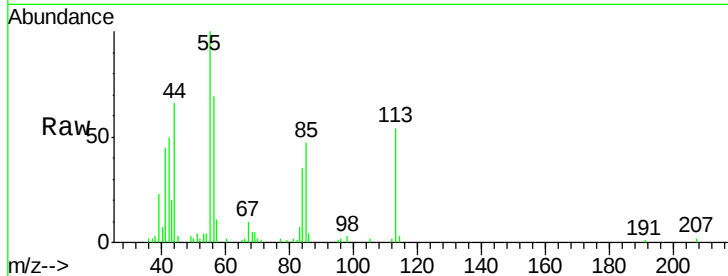
Tgt Ion:113 Resp: 19184

Ion Ratio Lower Upper

113 100

55 184.8 186.0 226.0#

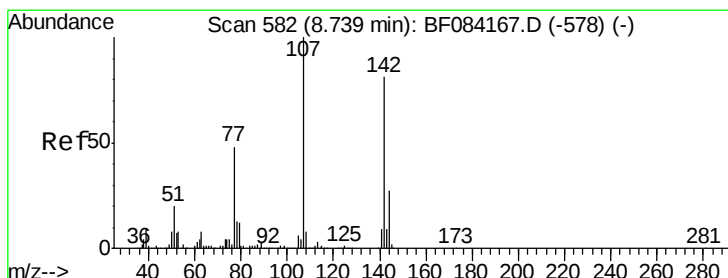
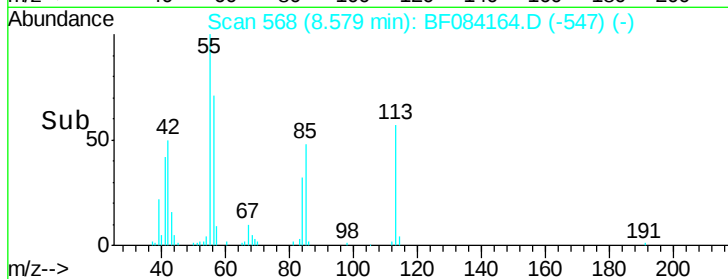
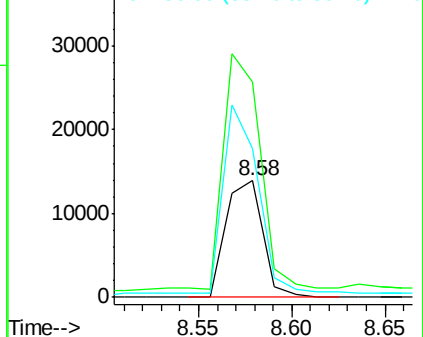
56 127.6 138.7 178.7#



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: 2.56 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

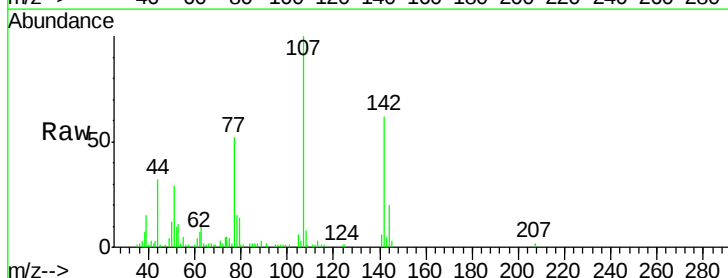
Tgt Ion:107 Resp: 62379

Ion Ratio Lower Upper

107 100

144 19.5 21.4 32.2#

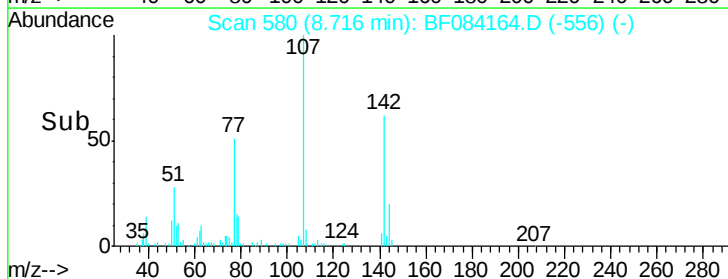
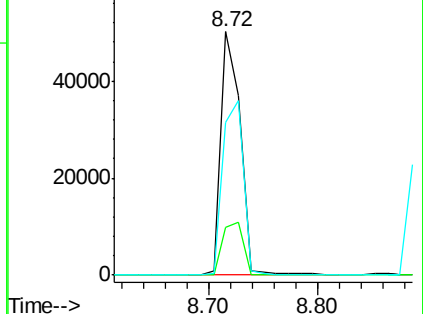
142 62.5 65.0 97.4#

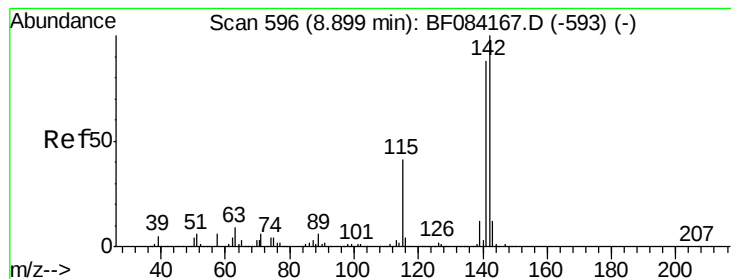


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 3.17 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampled :

BFB

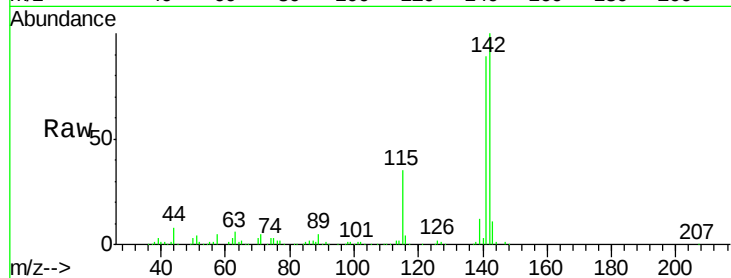
Tgt Ion:142 Resp: 158941

Ion Ratio Lower Upper

142 100

141 89.5 70.7 106.1

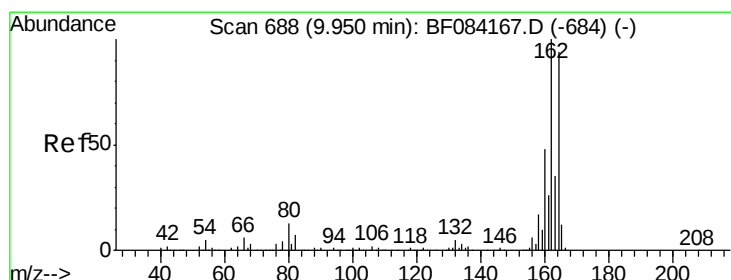
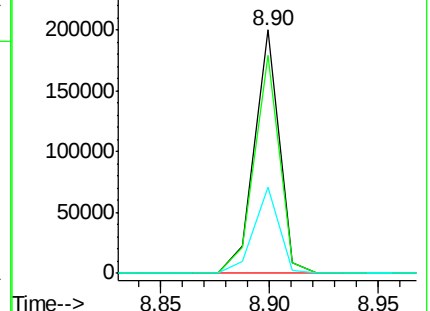
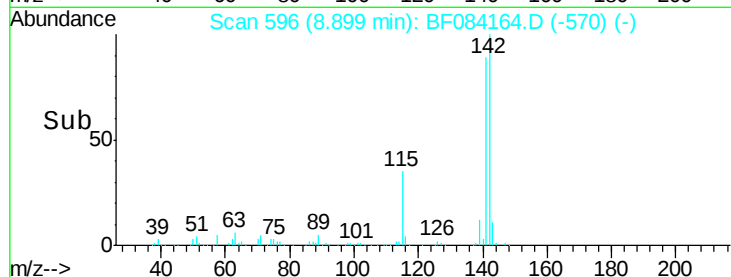
115 35.3 33.2 49.8



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: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

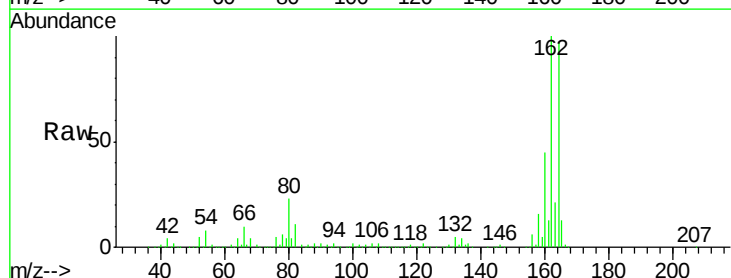
Tgt Ion:164 Resp: 691298

Ion Ratio Lower Upper

164 100

162 103.6 84.8 127.2

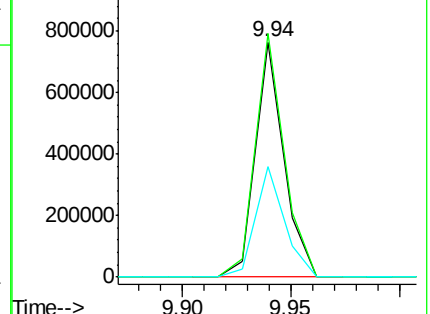
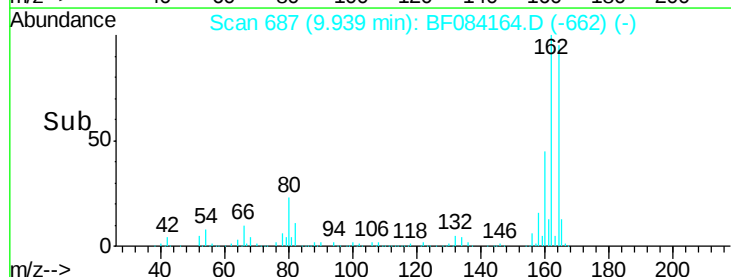
160 47.0 40.4 60.6

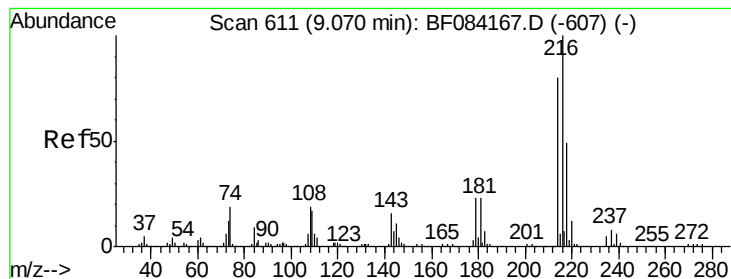


Abundance Ion 164.00 (163.70 to 164.70): E

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: 2.69 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

Tgt Ion:216 Resp: 58082

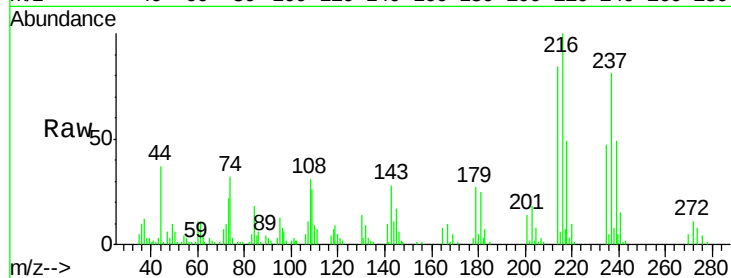
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 22.6 19.1 28.7

108 21.9 18.9 28.3

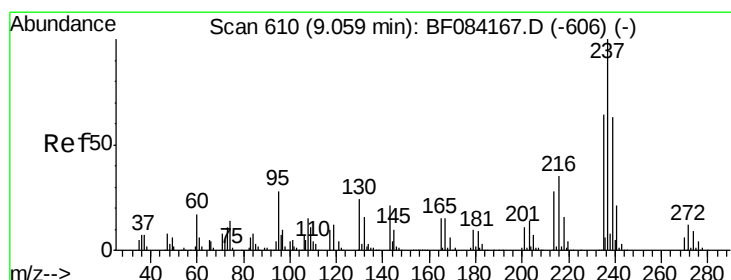
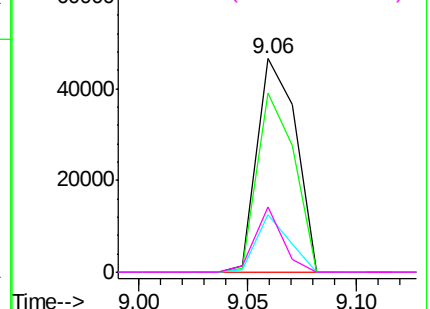
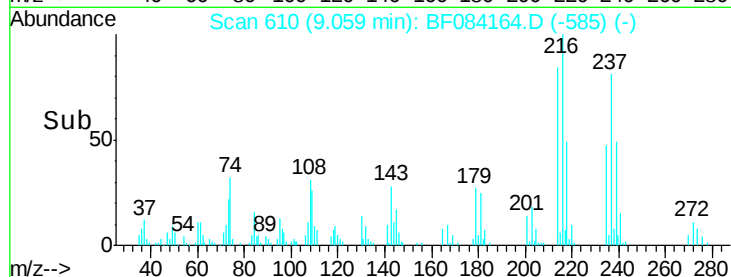


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.50 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

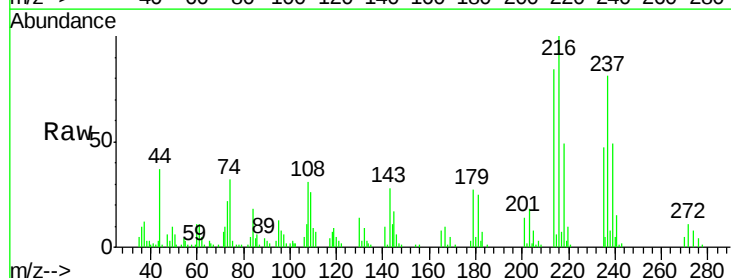
Tgt Ion:237 Resp: 32148

Ion Ratio Lower Upper

237 100

235 57.9 44.4 84.4

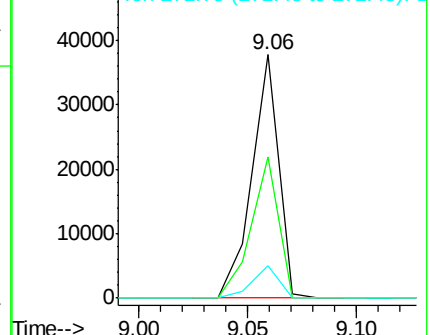
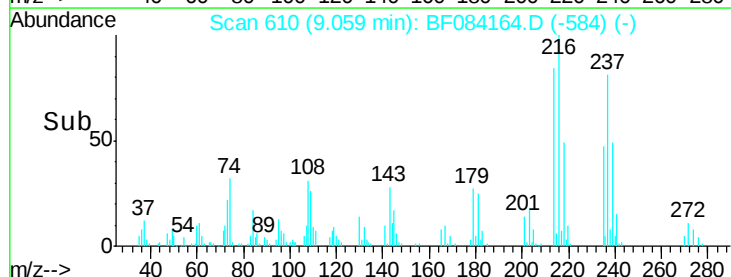
272 13.2 0.0 31.9

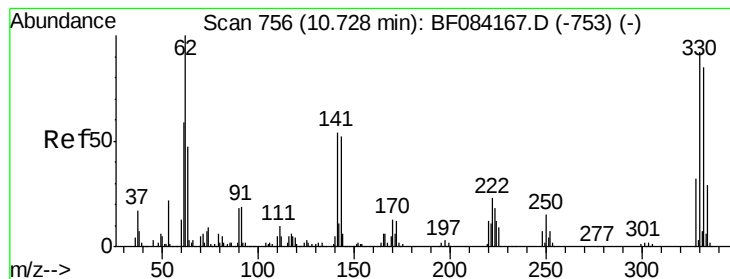


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 5.08 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

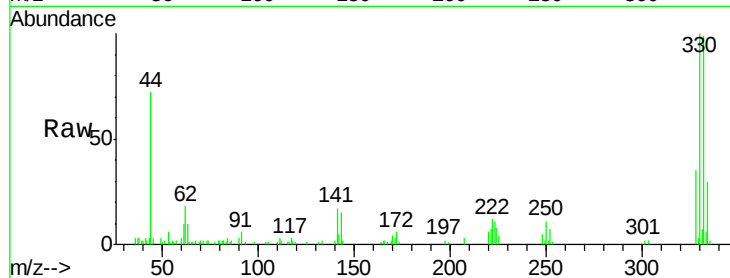
Tgt Ion:330 Resp: 37482

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.2

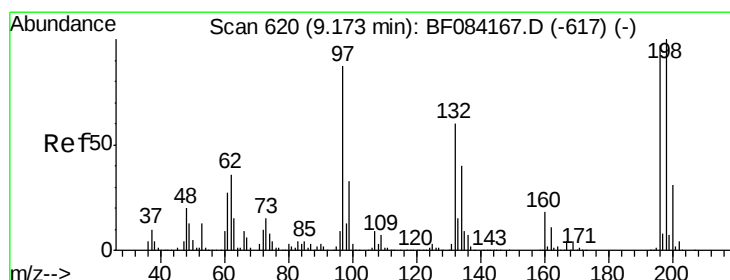
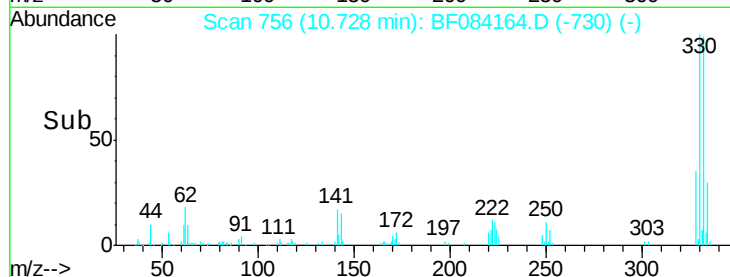
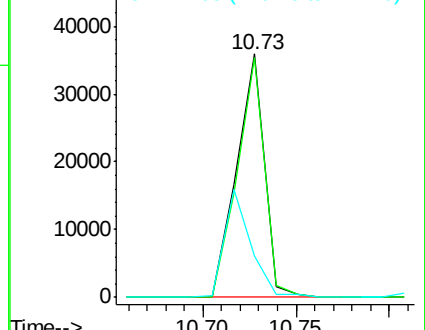
141 42.5 31.3 46.9



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: 3.56 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

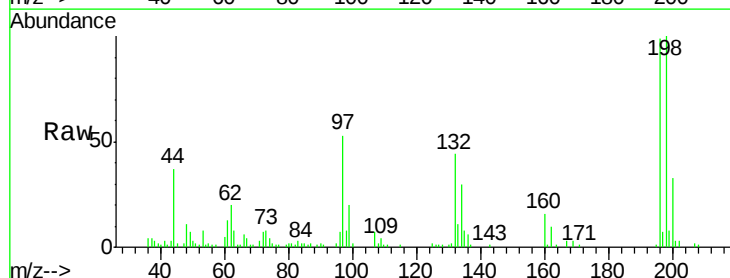
Tgt Ion:196 Resp: 50698

Ion Ratio Lower Upper

196 100

198 101.3 82.5 123.7

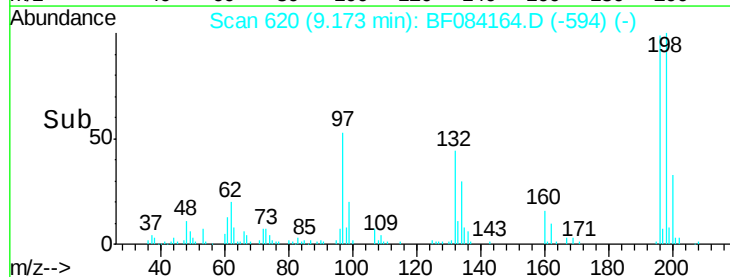
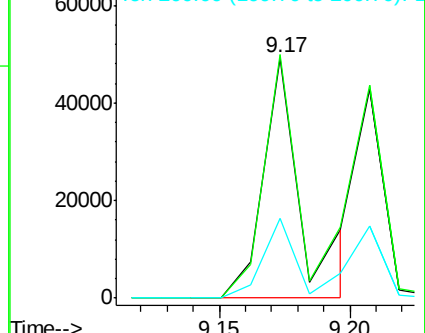
200 33.4 25.8 38.8

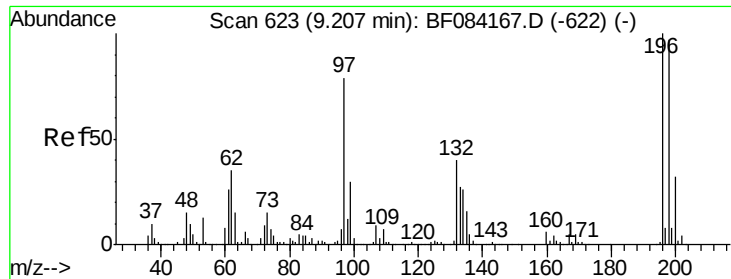


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

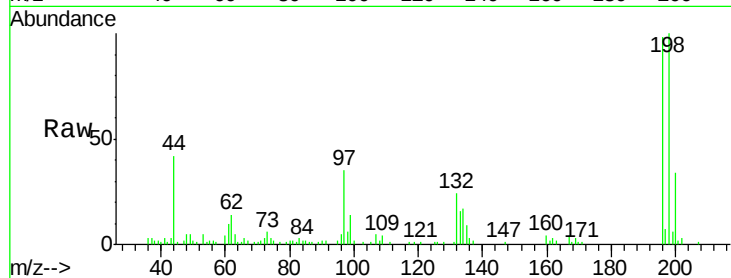




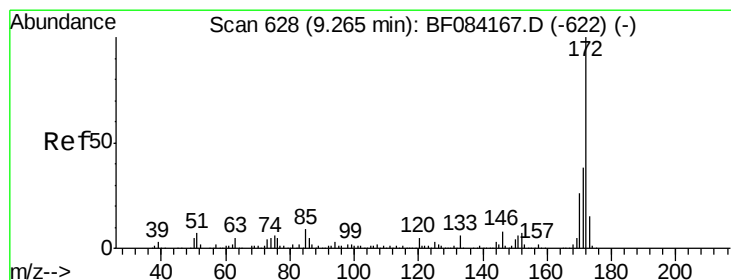
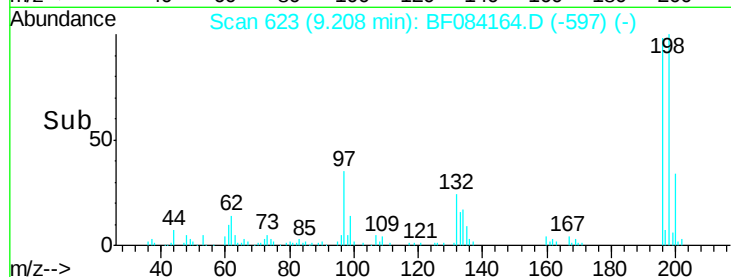
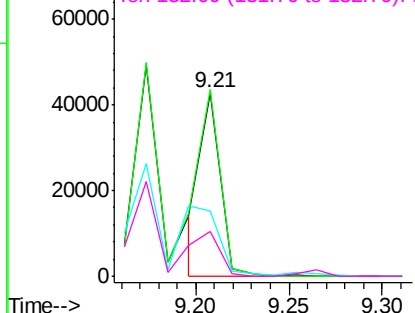
#43
2,4,5-Trichlorophenol
Concen: 2.19 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Instrument :
BNA_F
ClientSampleId :
BFB

Tgt Ion:196 Resp: 31124
Ion Ratio Lower Upper
196 100
198 102.1 78.2 117.4
97 36.0 64.9 97.3#
132 24.6 32.3 48.5#

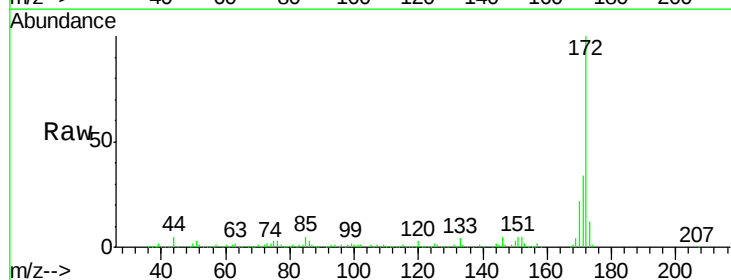


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

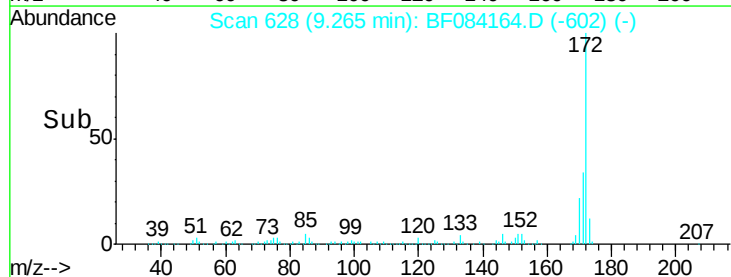
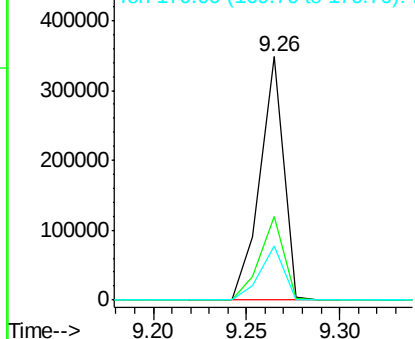


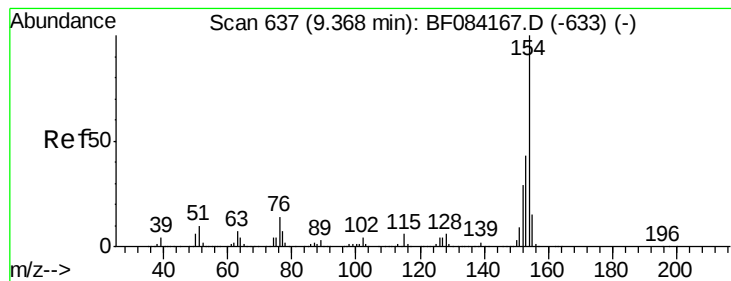
#44
2-Fluorobiphenyl
Concen: 6.18 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion:172 Resp: 304848
Ion Ratio Lower Upper
172 100
171 34.4 30.6 46.0
170 22.3 20.6 30.8



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: 2.96 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

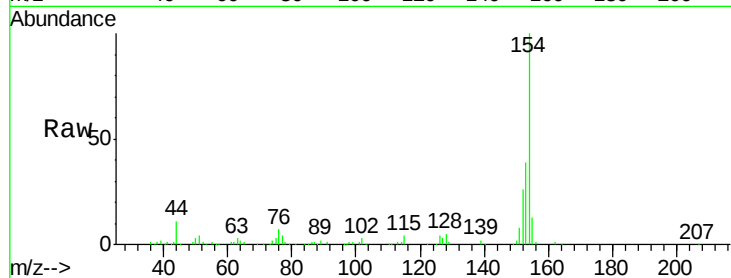
Tgt Ion:154 Resp: 179338

Ion Ratio Lower Upper

154 100

153 38.7 23.4 63.4

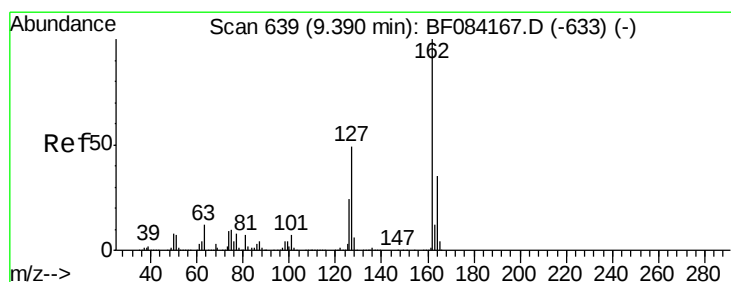
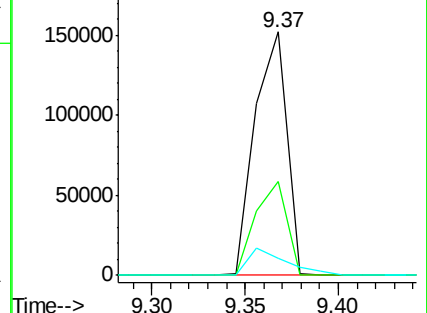
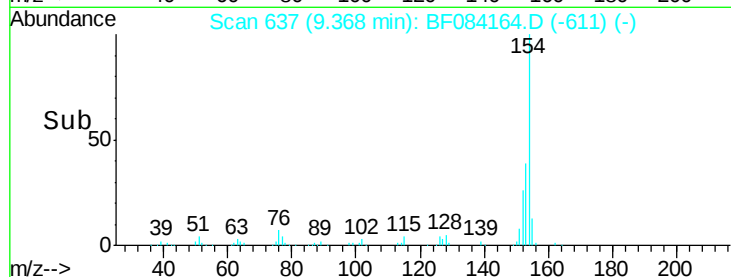
76 6.9 0.0 34.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 2.77 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

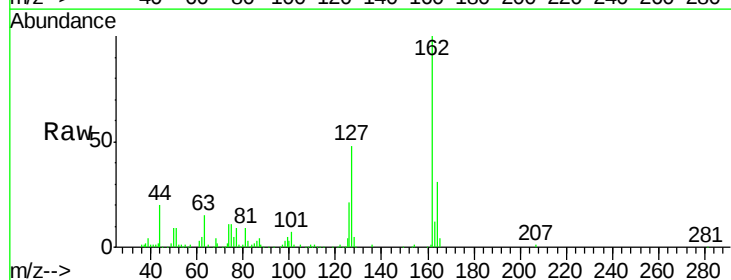
Tgt Ion:162 Resp: 128186

Ion Ratio Lower Upper

162 100

127 48.4 39.4 59.0

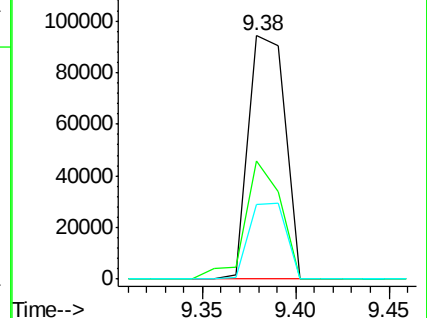
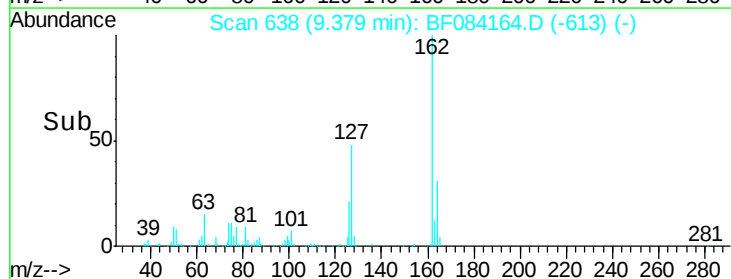
164 30.9 27.8 41.6

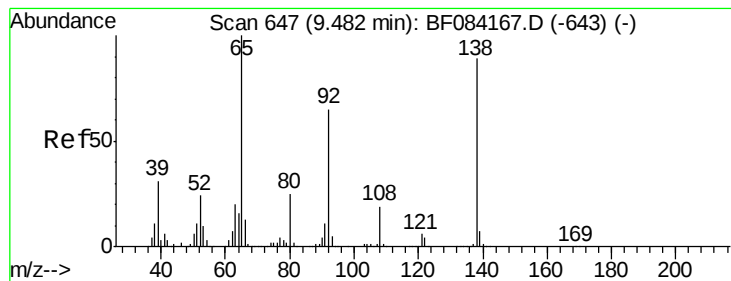


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 1.76 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

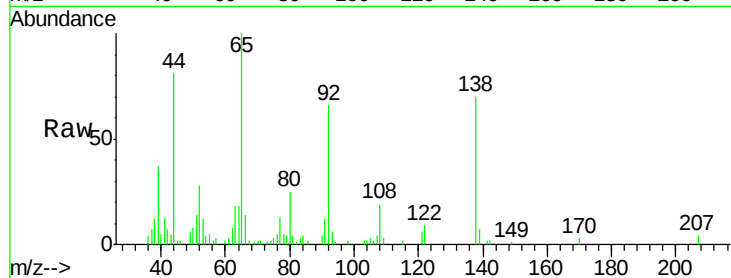
Tgt Ion: 65 Resp: 22397

Ion Ratio Lower Upper

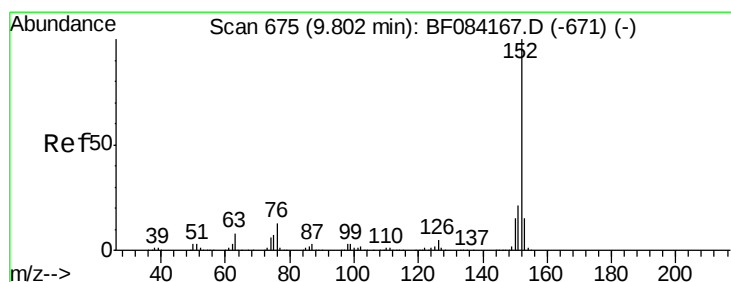
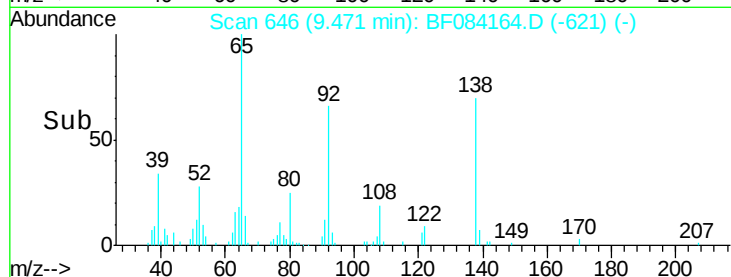
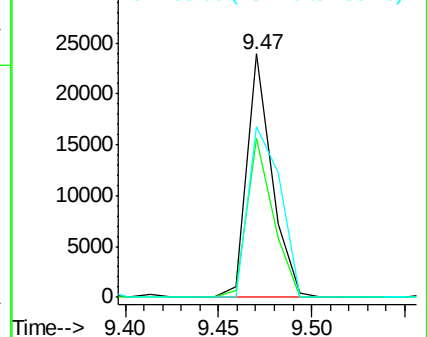
65 100

92 65.5 51.8 77.8

138 70.3 70.9 106.3#



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



#48

Acenaphthylene

Concen: 2.87 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

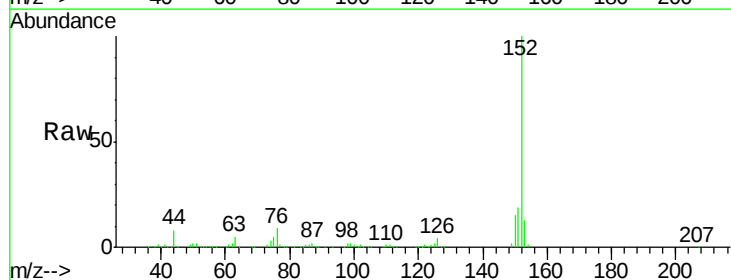
Tgt Ion: 152 Resp: 220278

Ion Ratio Lower Upper

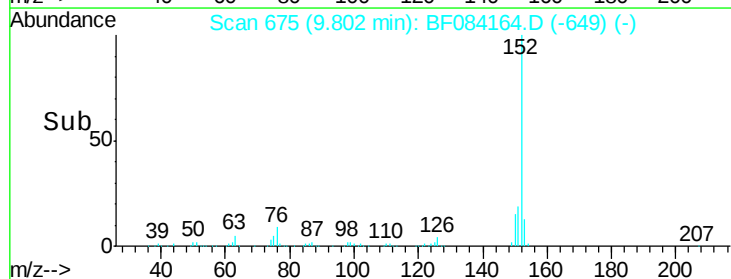
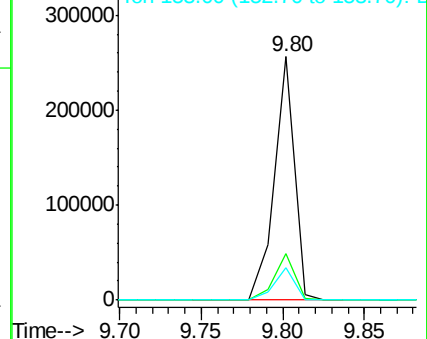
152 100

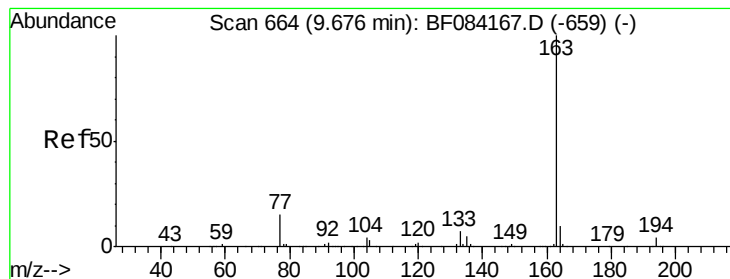
151 19.1 16.9 25.3

153 13.2 12.2 18.2



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





#49

Dimethylphthalate

Concen: 2.50 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

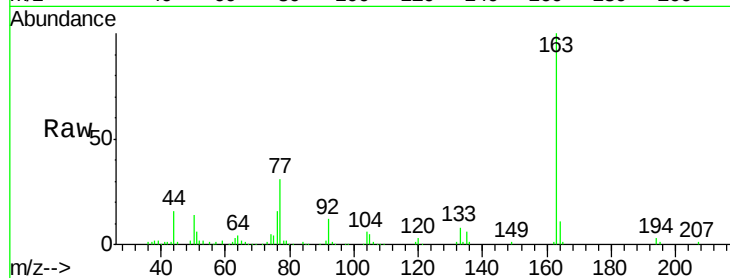
Tgt Ion:163 Resp: 141503

Ion Ratio Lower Upper

163 100

194 2.5 3.0 4.6#

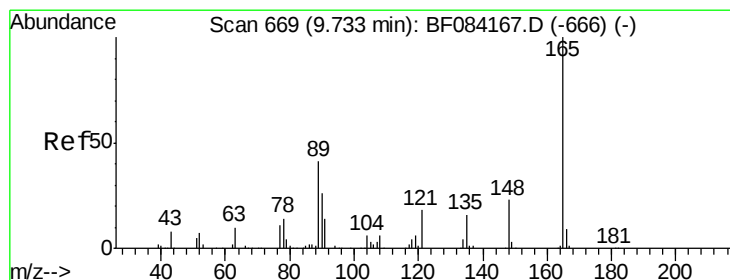
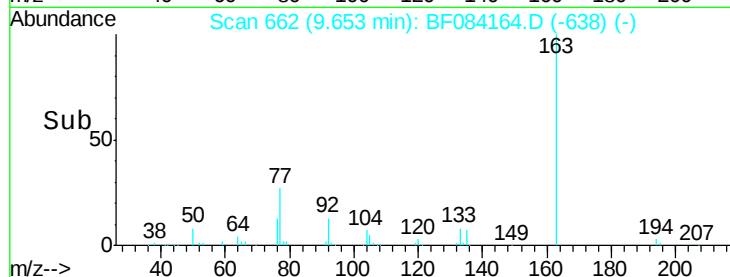
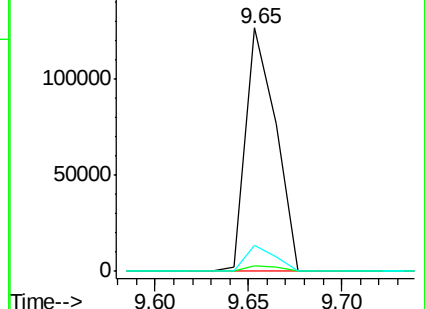
164 10.7 8.2 12.4



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: 1.38 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

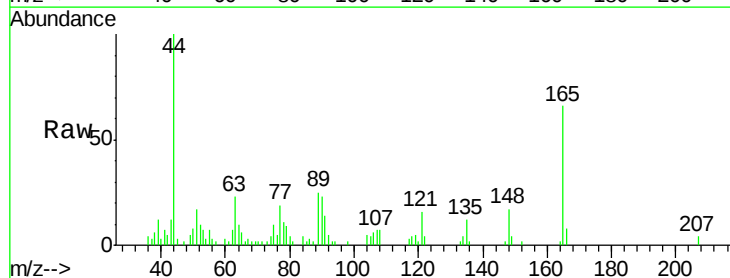
Tgt Ion:165 Resp: 16349

Ion Ratio Lower Upper

165 100

63 34.4 28.8 43.2

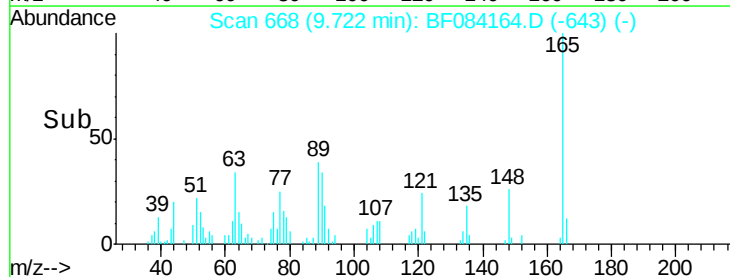
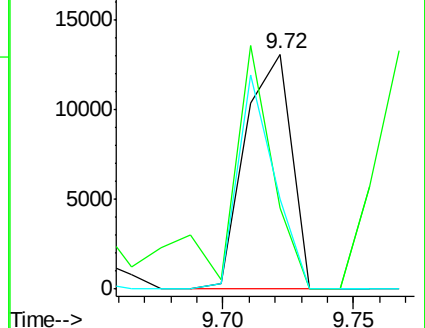
89 38.6 32.7 49.1

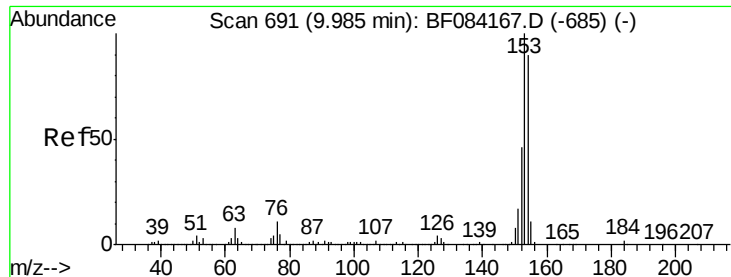


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.20 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

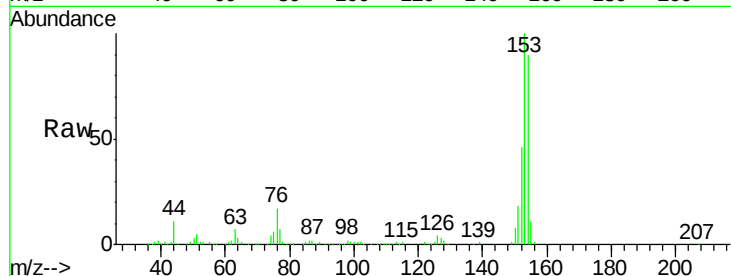
Tgt Ion:154 Resp: 145673

Ion Ratio Lower Upper

154 100

153 111.7 89.2 133.8

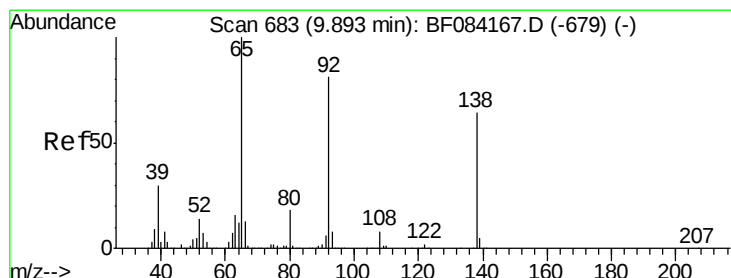
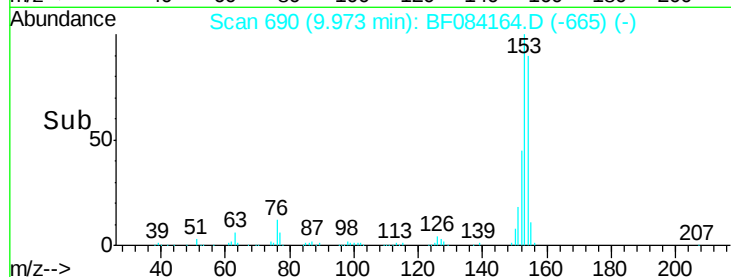
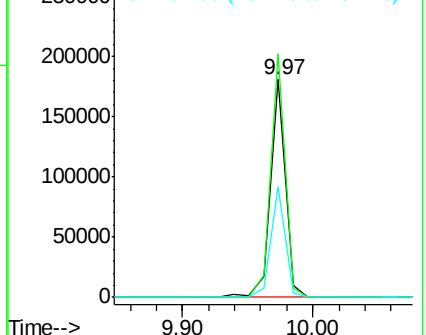
152 51.0 41.2 61.8



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: 2.25 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

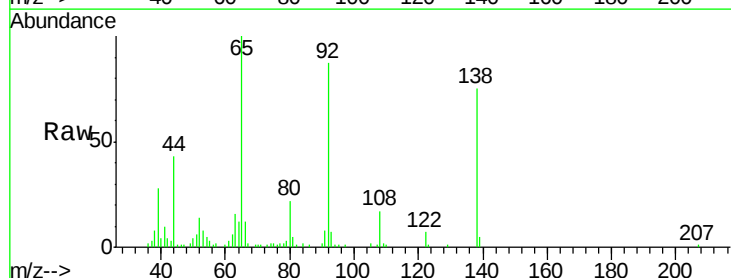
Tgt Ion:138 Resp: 28624

Ion Ratio Lower Upper

138 100

108 22.6 10.2 15.4#

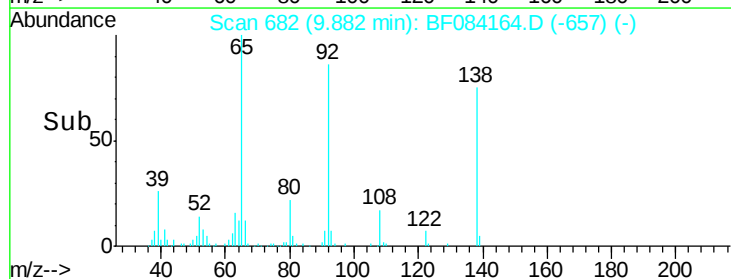
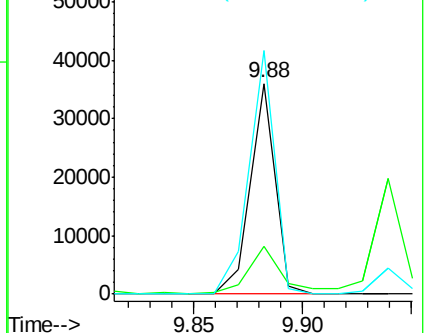
92 115.5 101.9 152.9

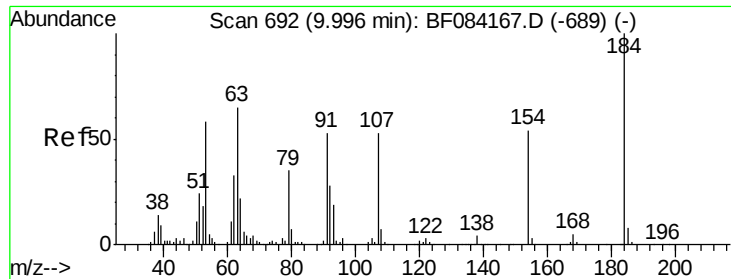


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

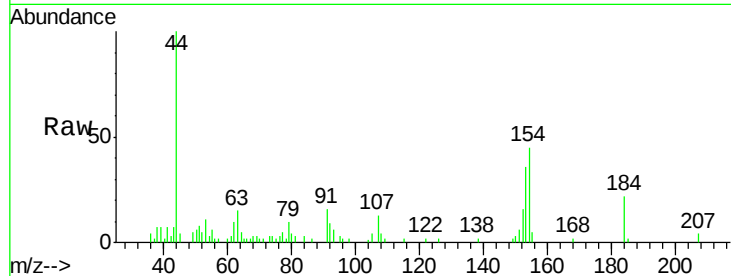




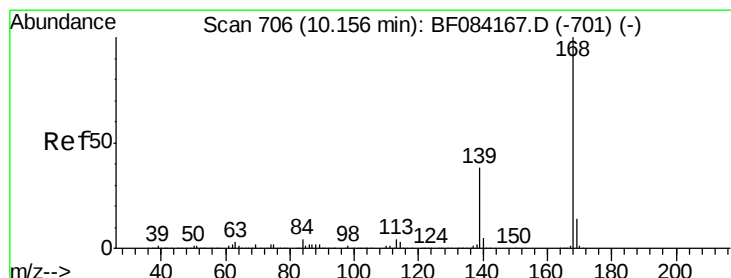
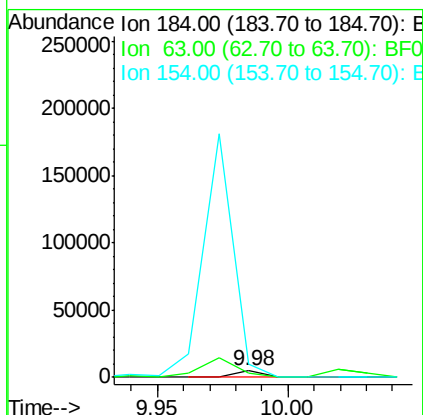
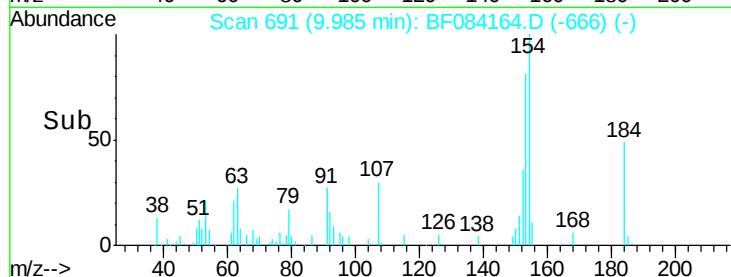
#53
2,4-Dinitrophenol
Concen: 1.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Instrument :
BNA_F
ClientSampled :
BFB

Tgt Ion:184 Resp: 3596
Ion Ratio Lower Upper
184 100
63 65.4 54.2 81.4
154 202.5 58.2 87.4#

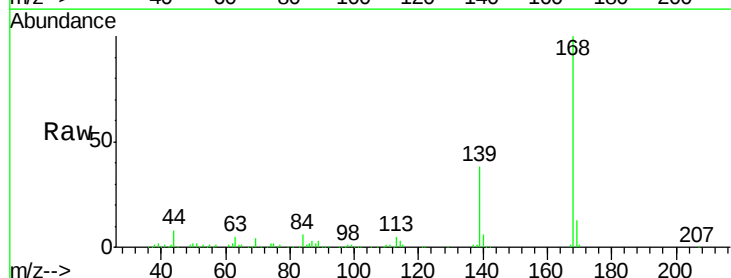


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

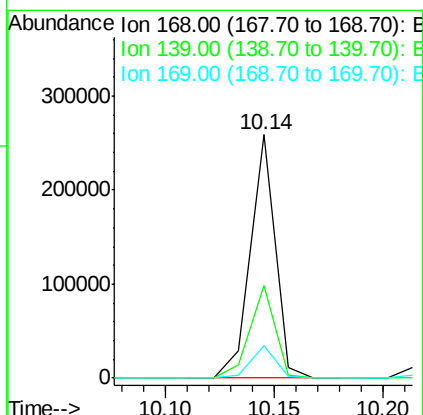
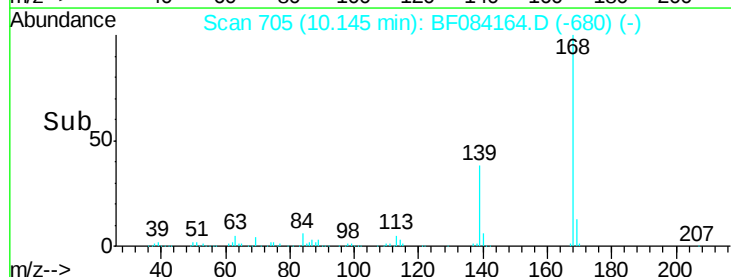


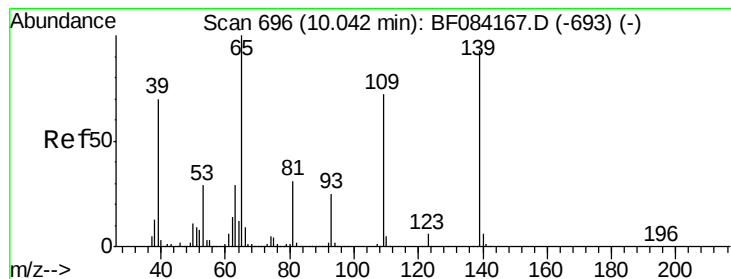
#54
Dibenzofuran
Concen: 3.27 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion:168 Resp: 205077
Ion Ratio Lower Upper
168 100
139 38.3 30.5 45.7
169 13.4 11.1 16.7



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: 2.44 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

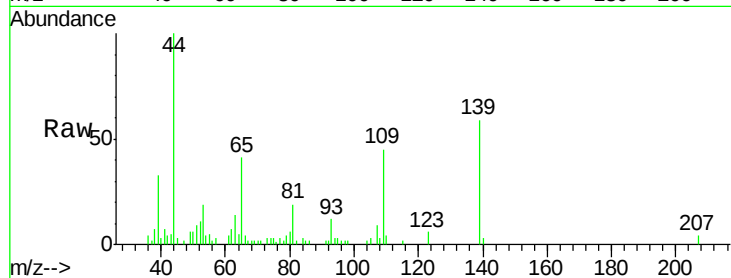
Tgt Ion:139 Resp: 18021

Ion Ratio Lower Upper

139 100

109 76.2 57.3 97.3

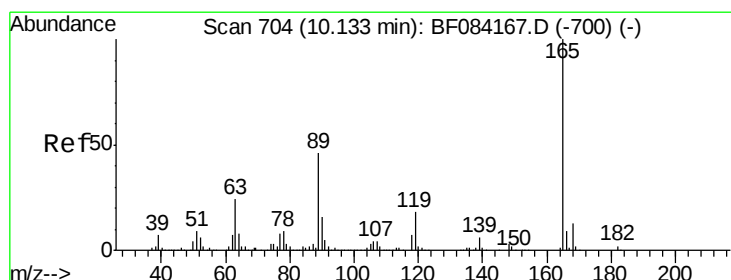
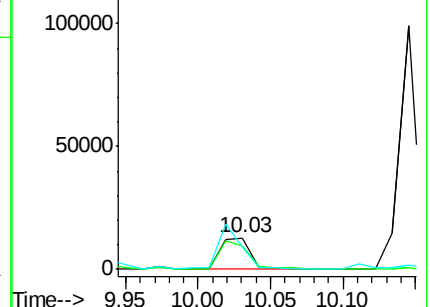
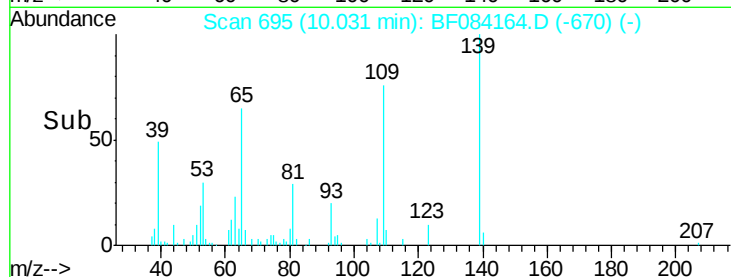
65 68.9 88.4 128.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56

2,4-Dinitrotoluene

Concen: 1.24 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Tgt Ion:165 Resp: 19867

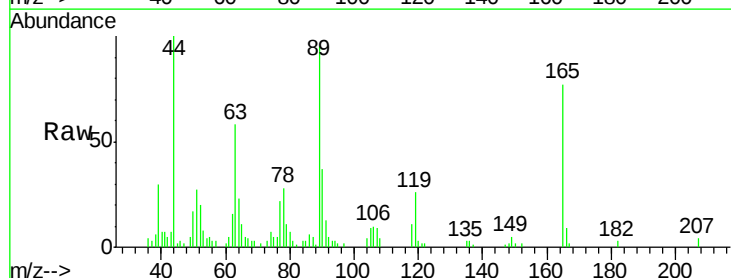
Ion Ratio Lower Upper

165 100

63 75.5 19.4 29.2#

89 123.7 37.0 55.6#

182 3.5 1.8 2.8#

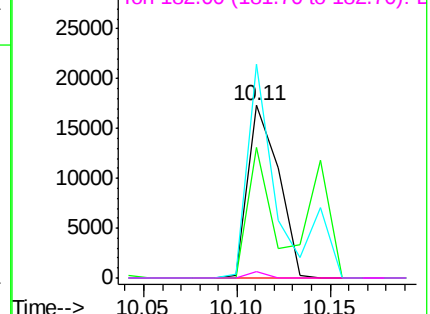
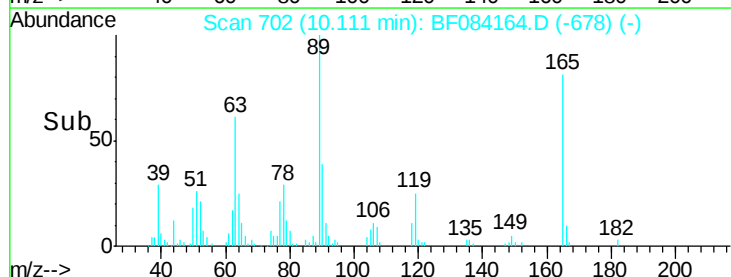


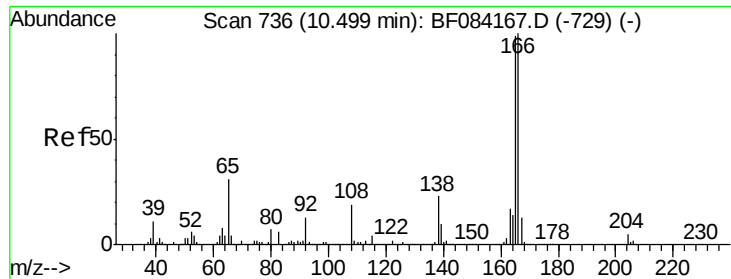
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E

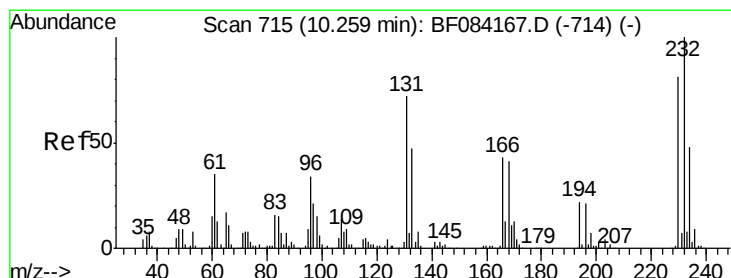
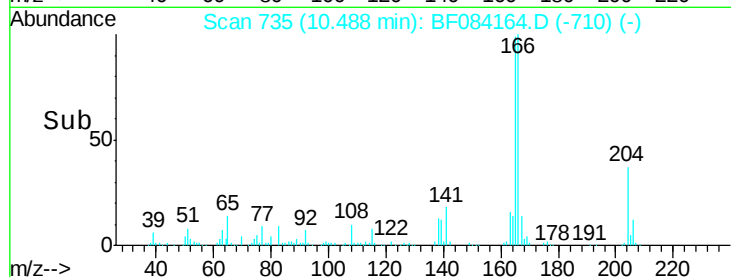
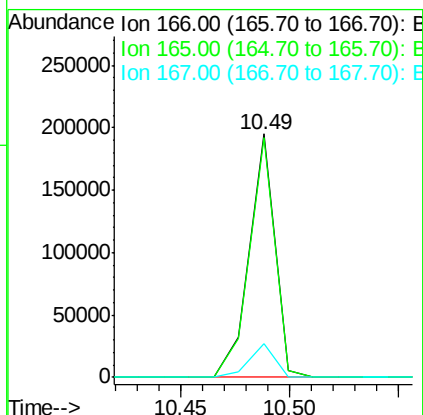
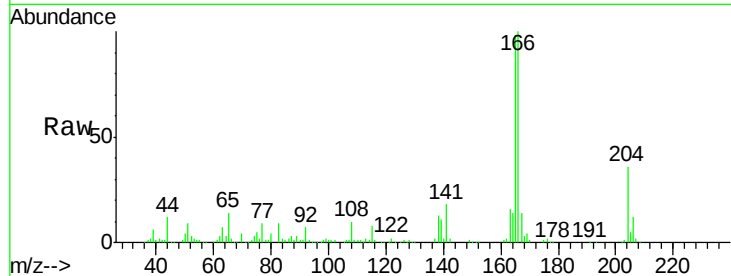




#57
Fluorene
Concen: 3.07 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

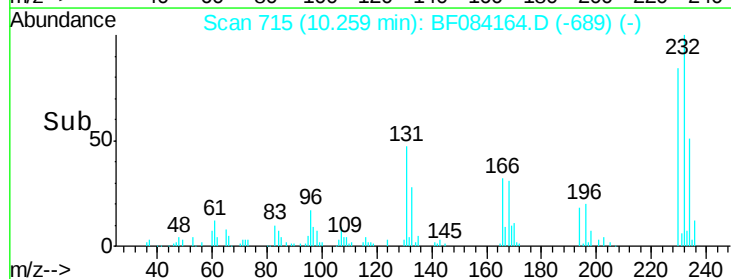
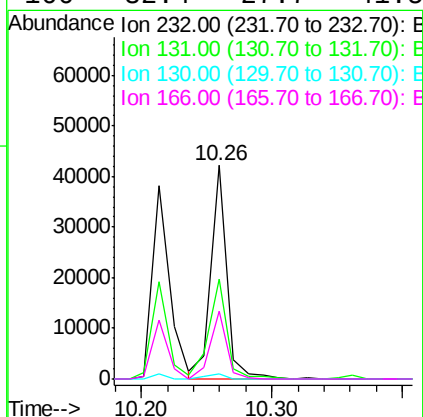
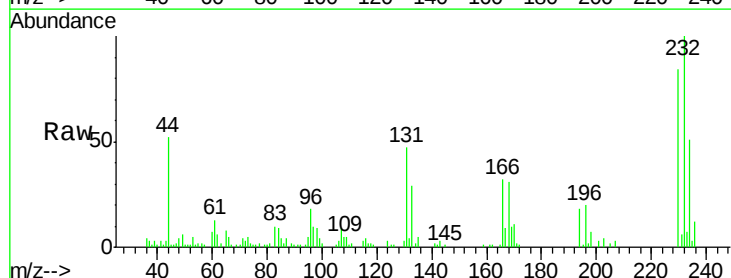
Instrument :
BNA_F
ClientSampled :
BFB

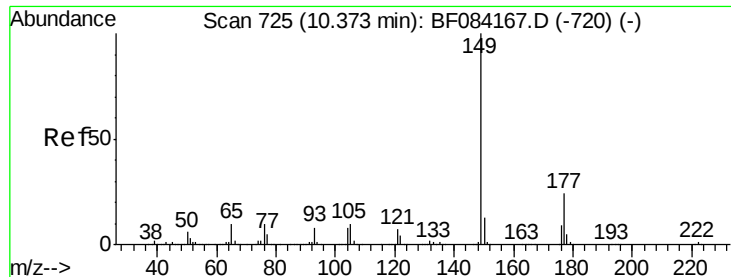
Tgt Ion:166 Resp: 159575
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.4
167 13.7 10.6 15.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.50 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion:232 Resp: 36334
Ion Ratio Lower Upper
232 100
131 52.9 42.9 64.3
130 2.9 2.0 3.0
166 32.4 27.7 41.5

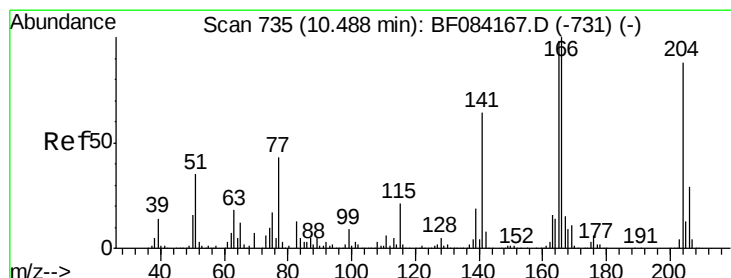
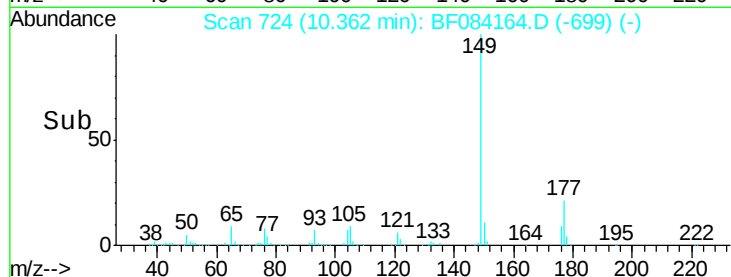
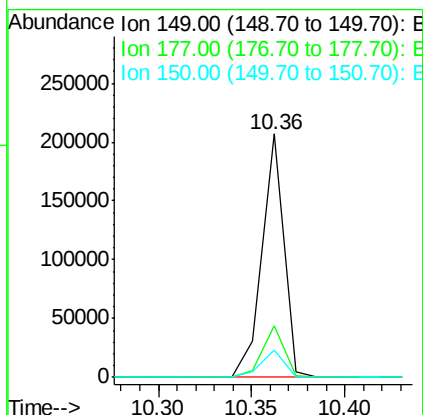
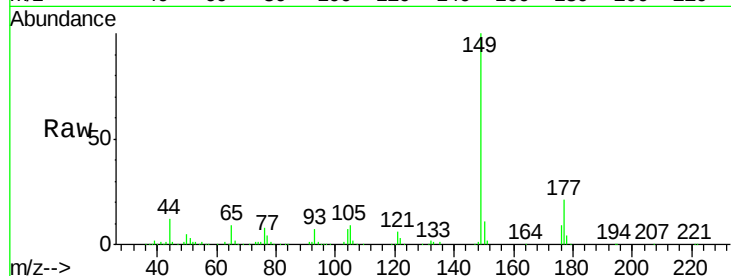




#59
Diethylphthalate
Concen: 2.87 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

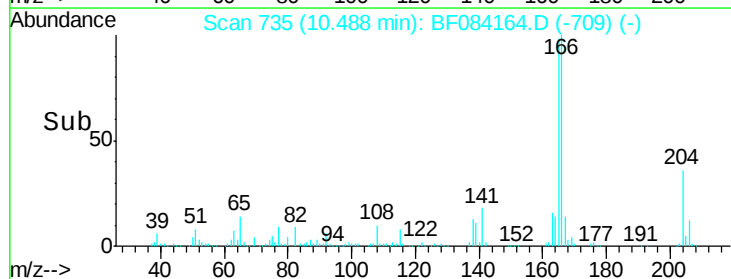
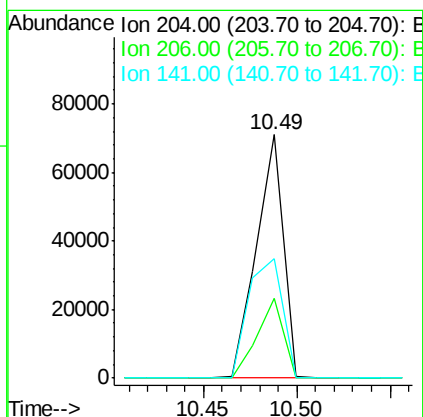
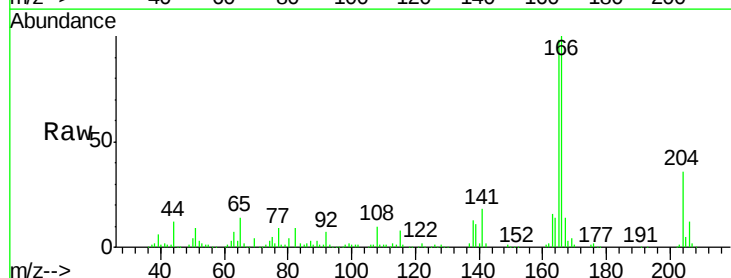
Instrument :
BNA_F
ClientSampleId :
BFB

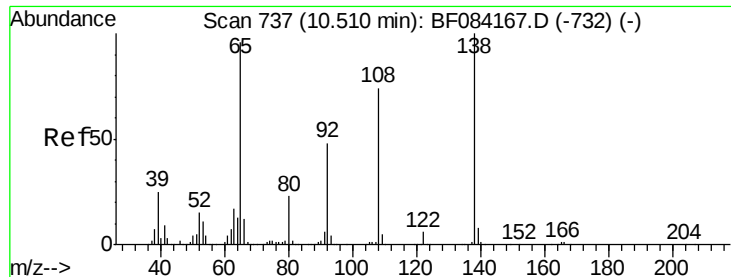
Tgt Ion:149 Resp: 166283
Ion Ratio Lower Upper
149 100
177 21.0 19.1 28.7
150 11.1 10.6 15.8



#60
4-Chlorophenyl-phenylether
Concen: 2.92 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion:204 Resp: 70637
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 49.1 58.0 87.0#

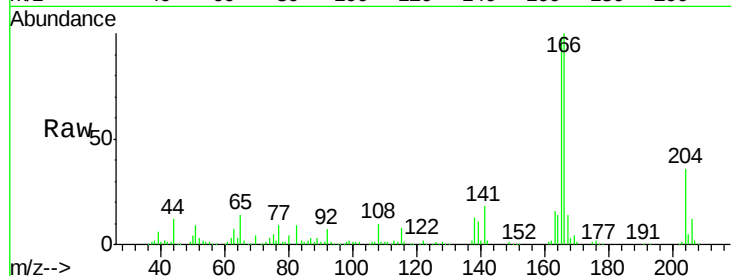




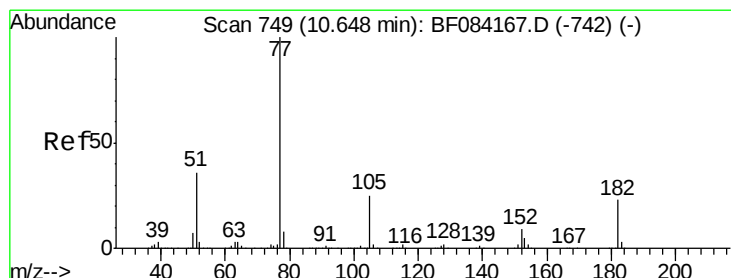
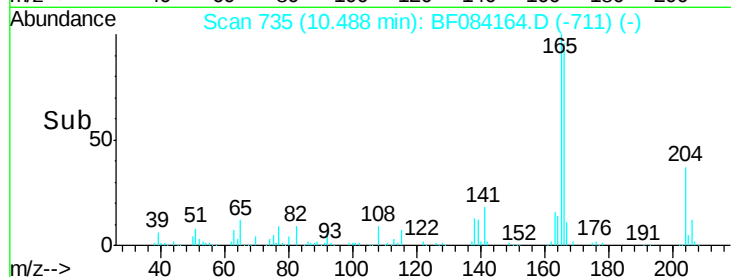
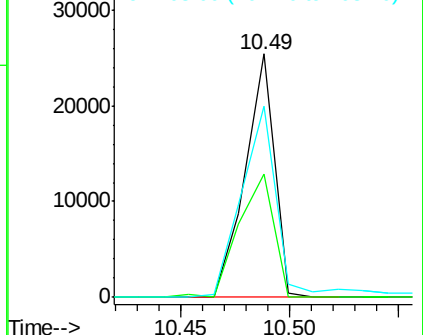
#61
4-Nitroaniline
Concen: 1.94 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Instrument :
BNA_F
ClientSampleId :
BFB

Tgt Ion:138 Resp: 23666
Ion Ratio Lower Upper
138 100
92 50.8 28.4 68.4
108 78.5 54.0 94.0

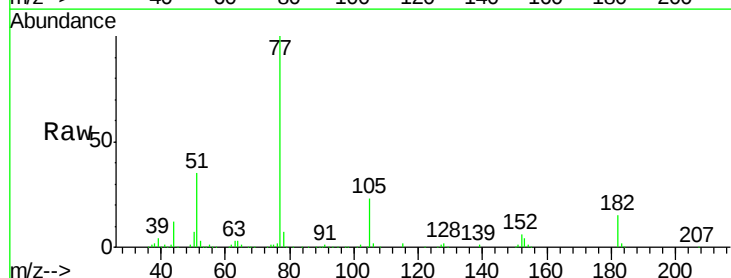


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

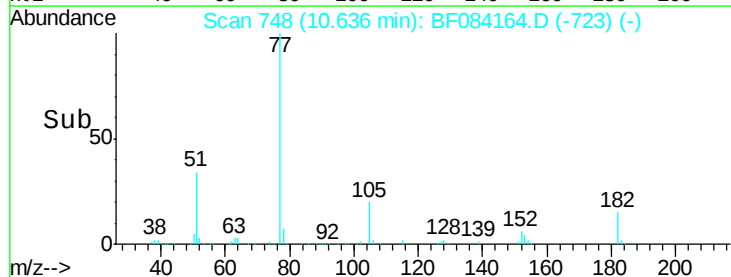
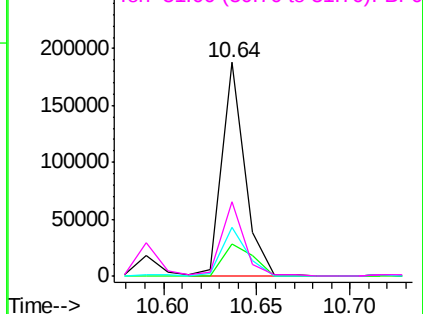


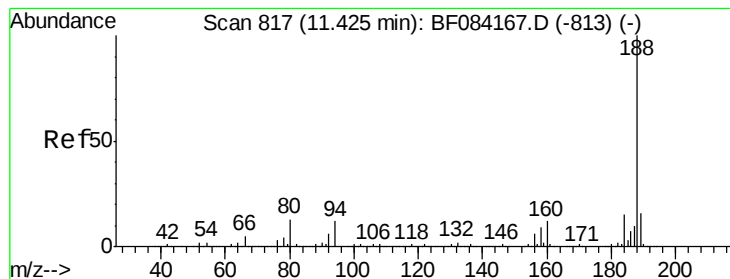
#62
Azobenzene
Concen: 3.20 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion: 77 Resp: 158595
Ion Ratio Lower Upper
77 100
182 15.1 3.2 43.2
105 22.7 5.1 45.1
51 34.7 15.7 55.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

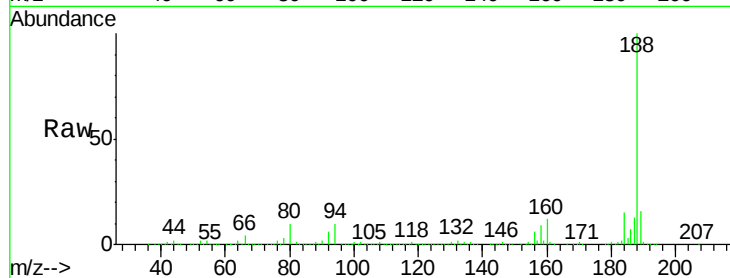
Tgt Ion:188 Resp: 1334046

Ion Ratio Lower Upper

188 100

94 9.7 9.2 13.8

80 10.4 10.1 15.1



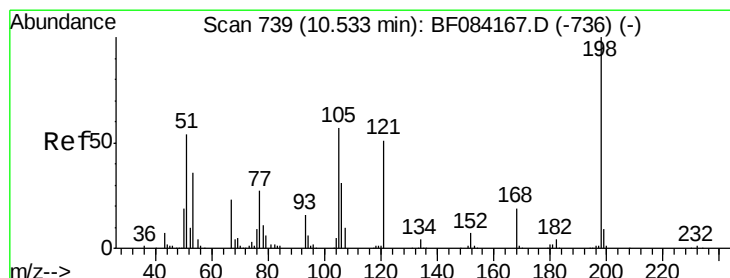
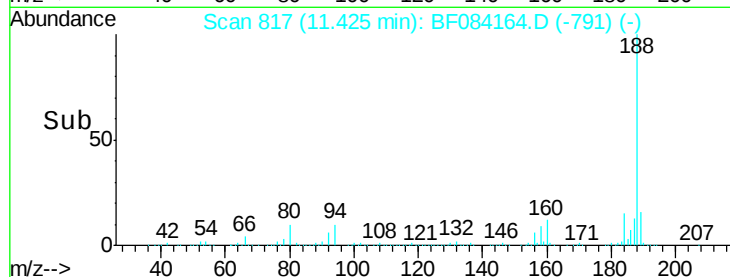
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.43

Time--> 11.35 11.40 11.45



#64

4,6-Dinitro-2-methylphenol

Concen: 0.75 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

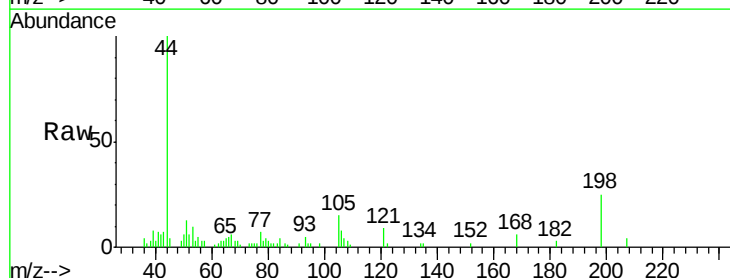
Tgt Ion:198 Resp: 5576

Ion Ratio Lower Upper

198 100

51 54.4 46.4 86.4

105 60.3 38.5 78.5



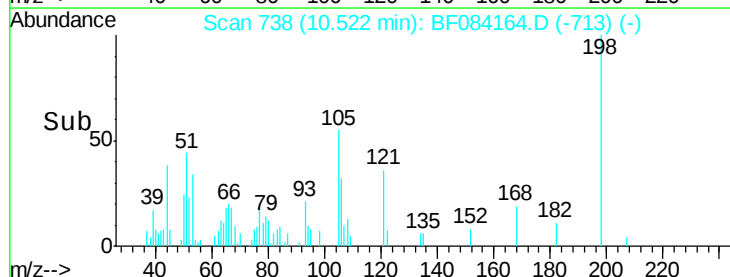
Abundance Ion 198.00 (197.70 to 198.70): E

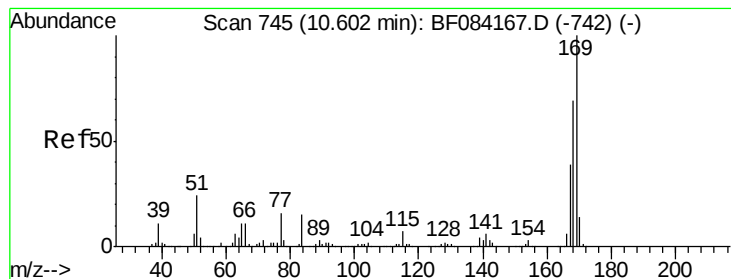
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.52

Time--> 10.50 10.55





#65

n-Nitrosodiphenylamine

Concen: 2.63 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

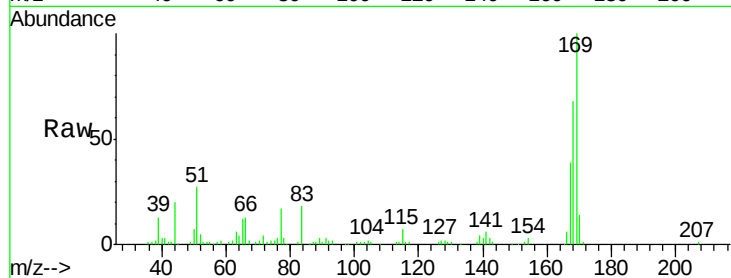
Tgt Ion:169 Resp: 121414

Ion Ratio Lower Upper

169 100

168 67.9 55.2 82.8

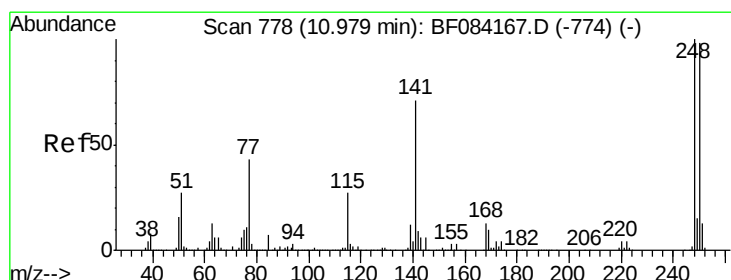
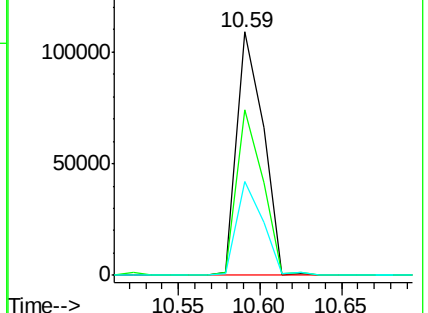
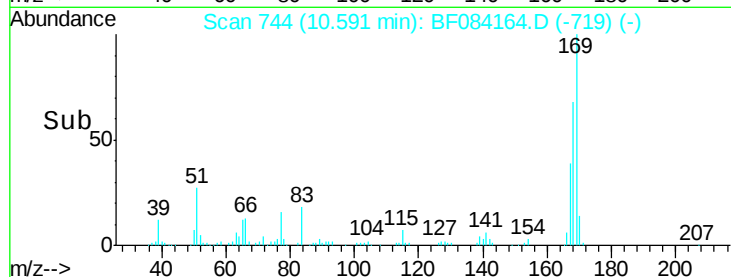
167 38.6 31.1 46.7



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: 2.56 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

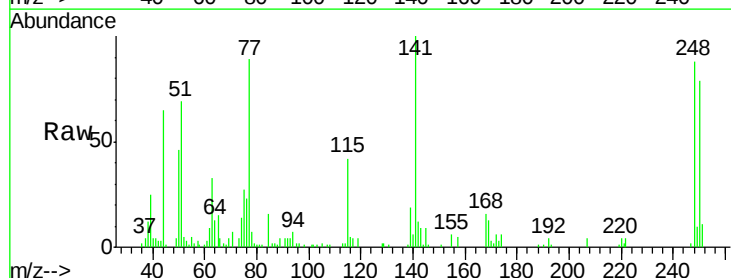
Tgt Ion:248 Resp: 39486

Ion Ratio Lower Upper

248 100

250 89.9 78.7 118.1

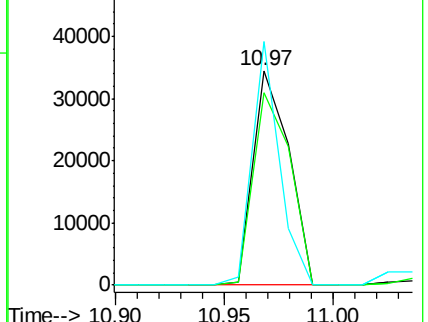
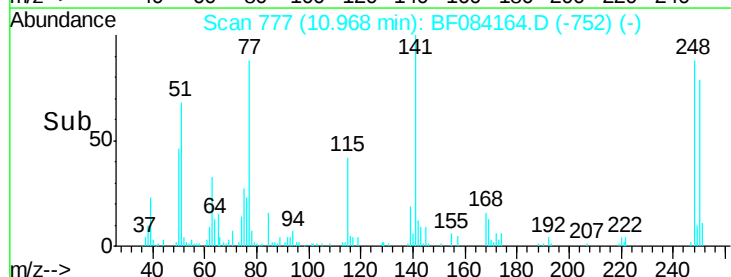
141 113.5 57.1 85.7#

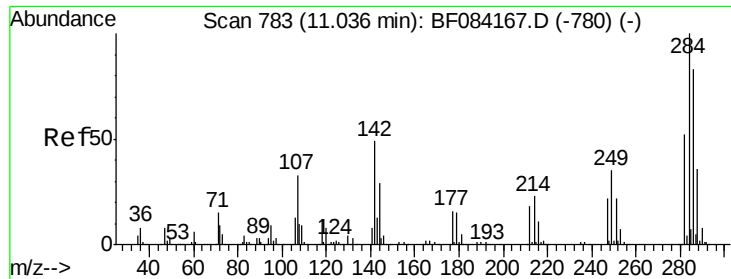


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

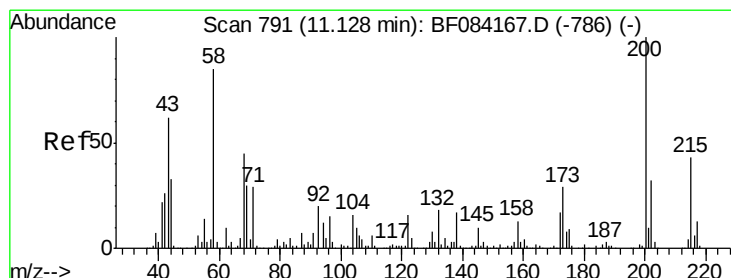
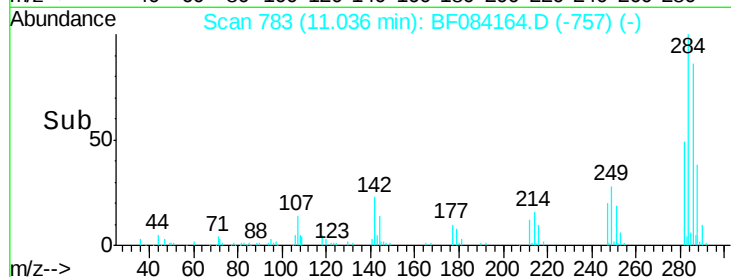
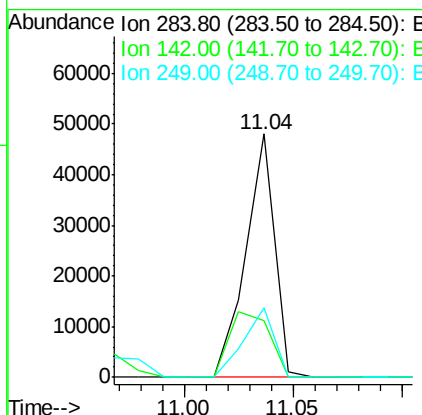
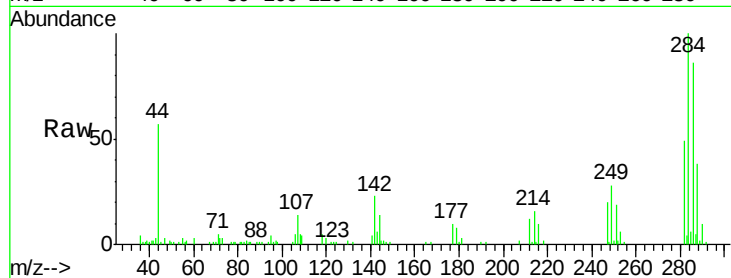




#67
Hexachlorobenzene
Concen: 2.64 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

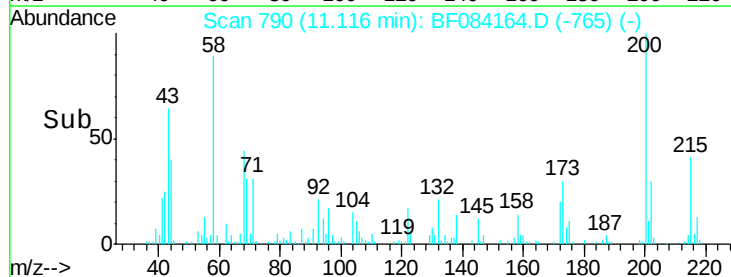
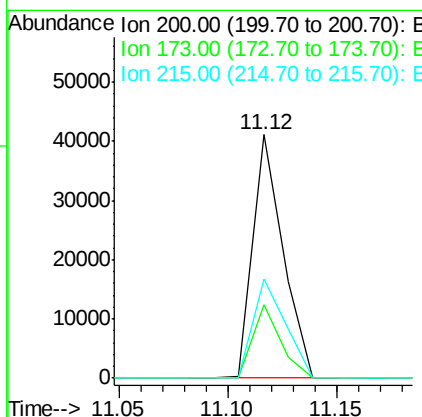
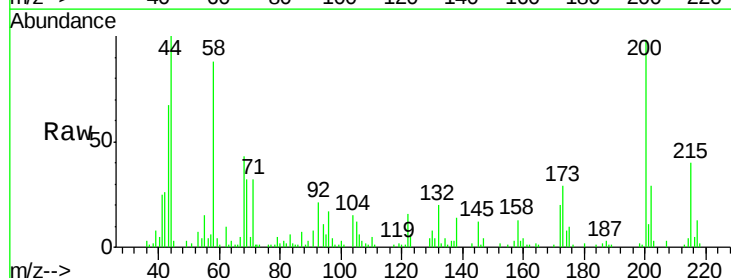
Instrument :
BNA_F
ClientSampleId :
BFB

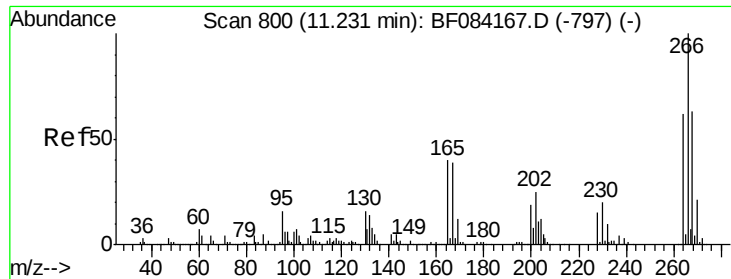
Tgt Ion:284 Resp: 44259
Ion Ratio Lower Upper
284 100
142 23.3 39.4 59.2#
249 28.3 27.8 41.6



#68
Atrazine
Concen: 2.75 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion:200 Resp: 39557
Ion Ratio Lower Upper
200 100
173 30.1 8.5 48.5
215 40.7 22.7 62.7

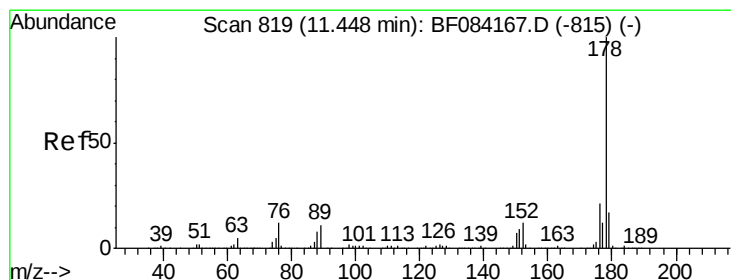
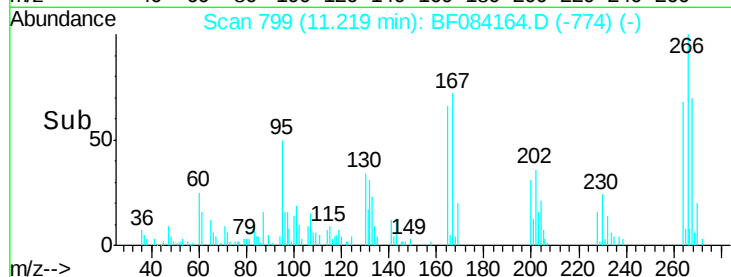
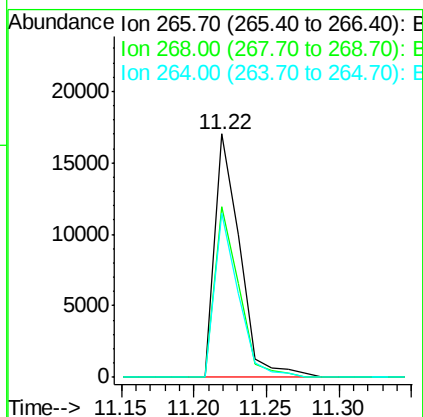
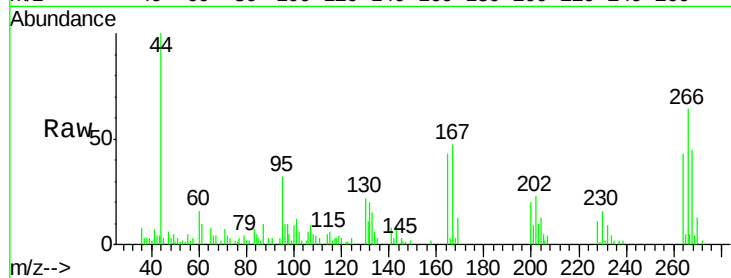




#69
 Pentachlorophenol
 Concen: 3.62 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

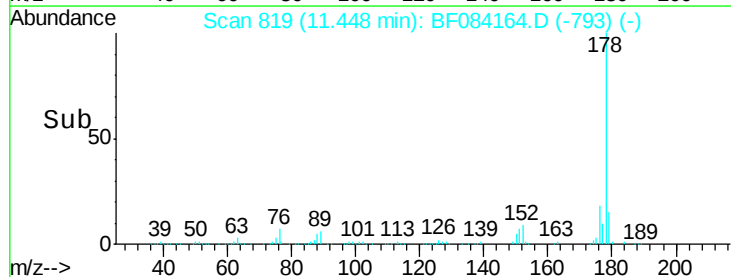
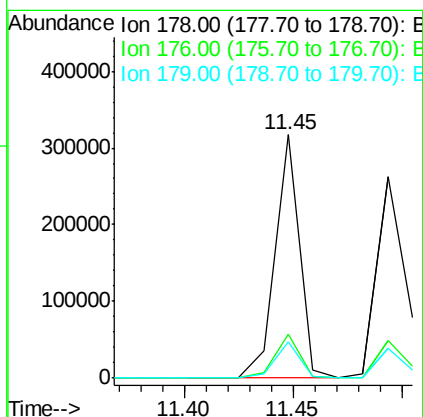
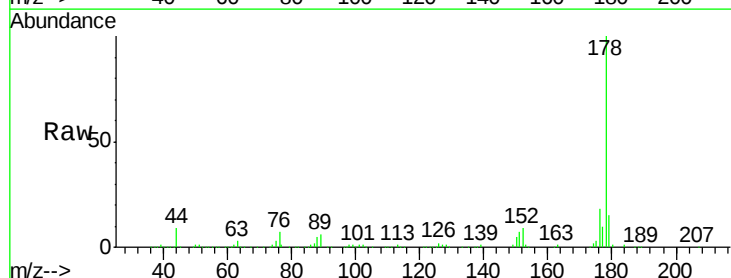
Instrument :
 BNA_F
 ClientSampled :
 BFB

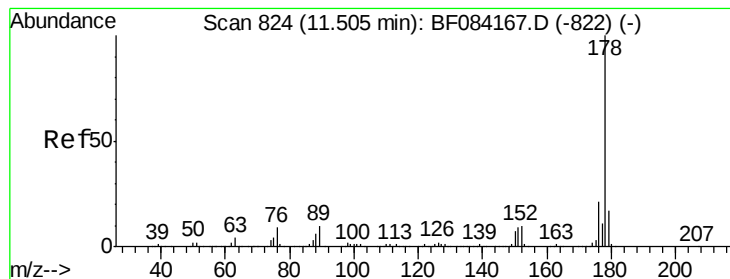
Tgt Ion:266 Resp: 20480
 Ion Ratio Lower Upper
 266 100
 268 70.0 50.7 76.1
 264 67.6 49.9 74.9



#70
 Phenanthrene
 Concen: 3.20 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

Tgt Ion:178 Resp: 249558
 Ion Ratio Lower Upper
 178 100
 176 17.8 16.6 25.0
 179 14.9 13.4 20.0





#71

Anthracene

Concen: 2.93 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

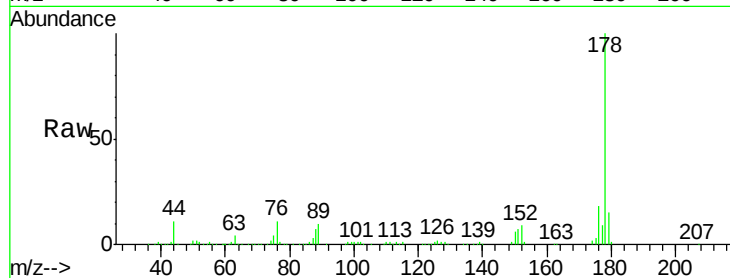
Tgt Ion:178 Resp: 237813

Ion Ratio Lower Upper

178 100

176 18.4 17.1 25.7

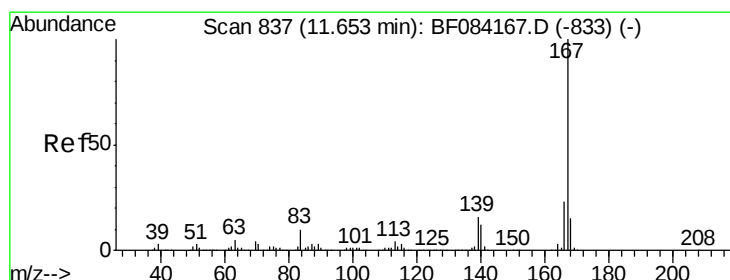
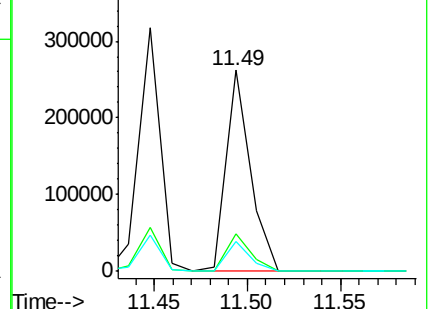
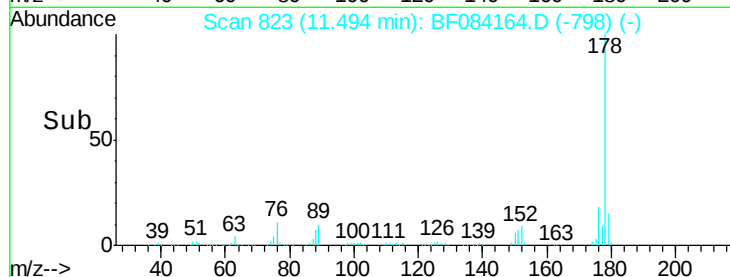
179 15.1 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.88 ng

RT: 11.65 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

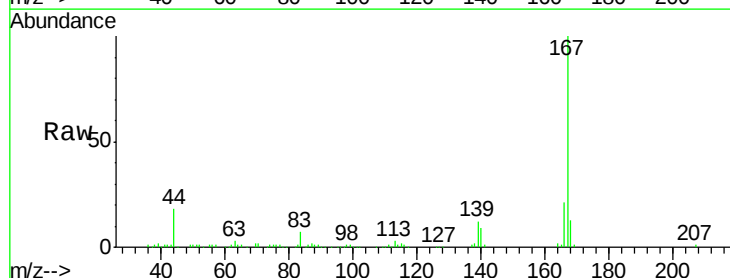
Tgt Ion:167 Resp: 200175

Ion Ratio Lower Upper

167 100

166 21.1 18.6 28.0

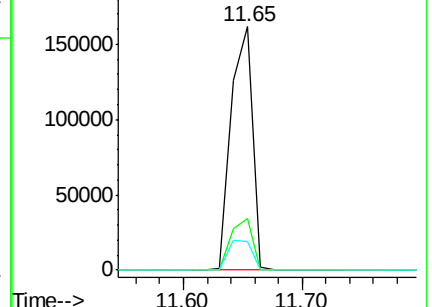
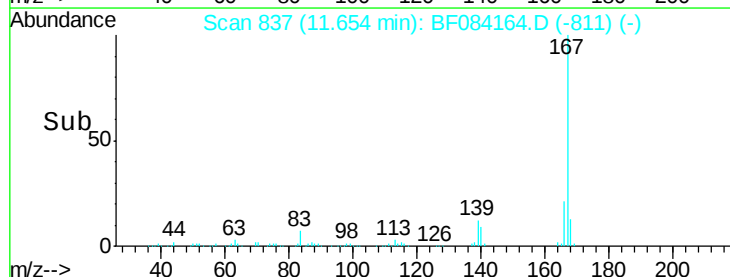
139 12.0 13.0 19.6#

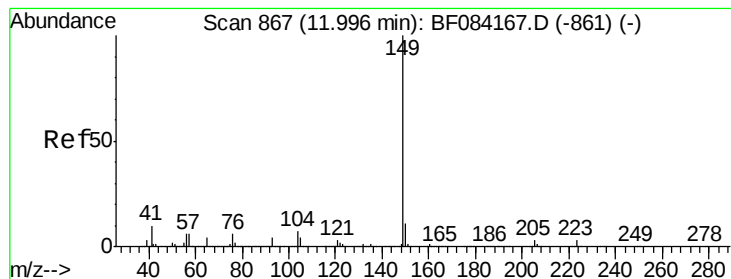


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.79 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

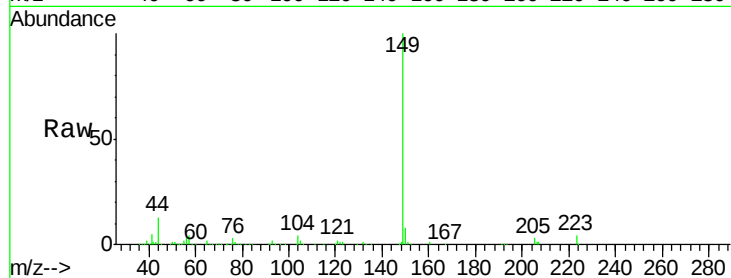
Tgt Ion:149 Resp: 249214

Ion Ratio Lower Upper

149 100

150 8.4 8.5 12.7#

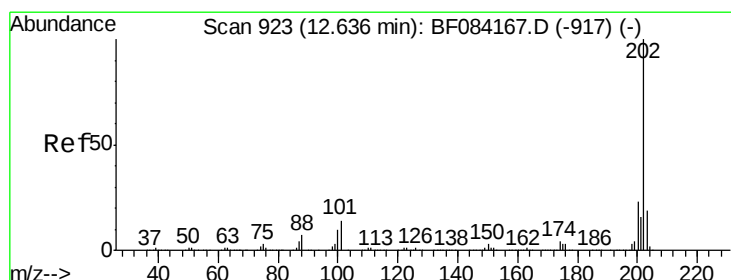
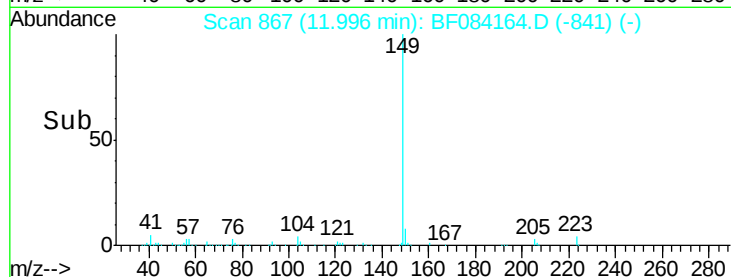
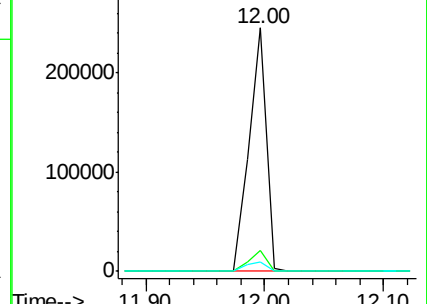
104 4.1 5.2 7.8#



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: 2.83 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

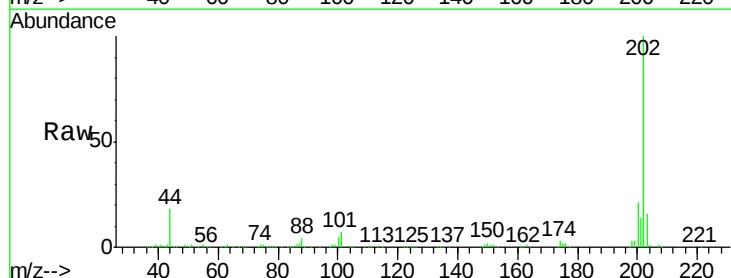
Tgt Ion:202 Resp: 231531

Ion Ratio Lower Upper

202 100

101 7.4 0.0 34.0

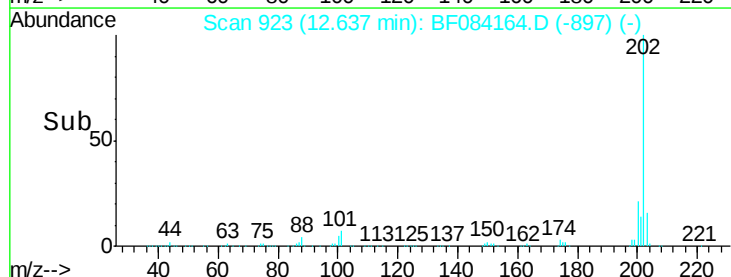
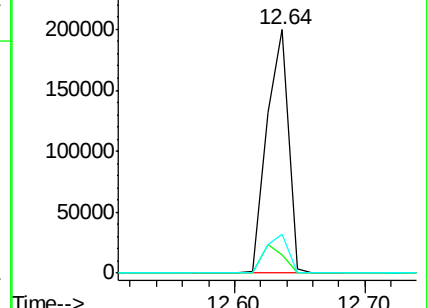
203 16.2 0.0 39.2

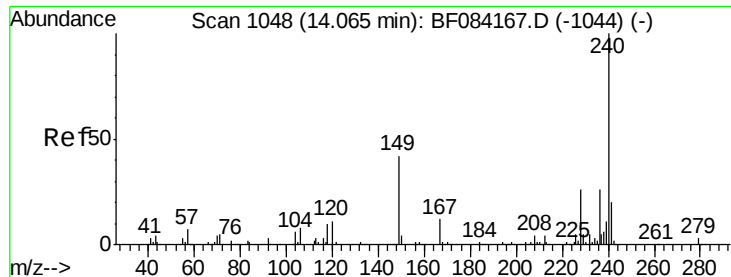


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampled :

BFB

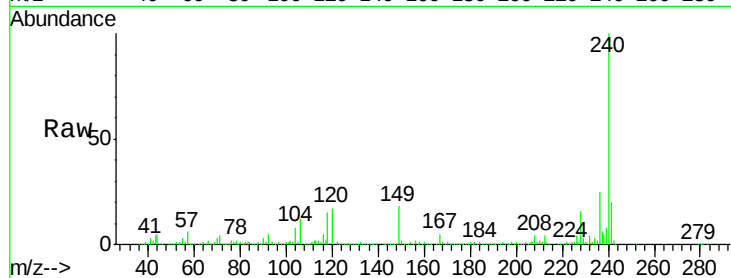
Tgt Ion:240 Resp: 1142895

Ion Ratio Lower Upper

240 100

120 17.0 8.8 13.2#

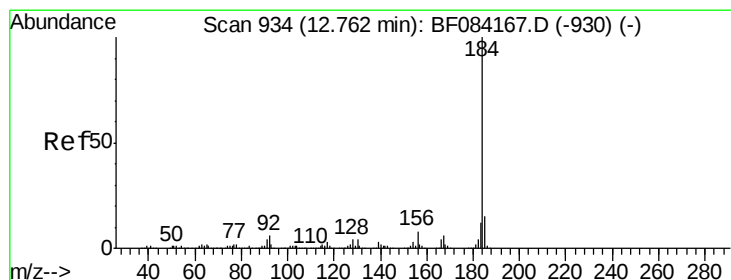
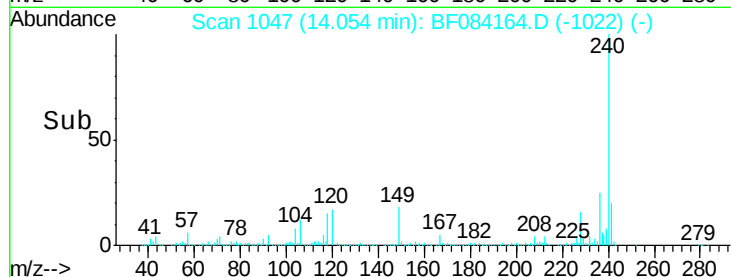
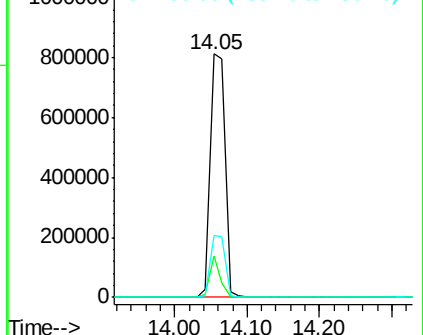
236 25.4 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.26 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

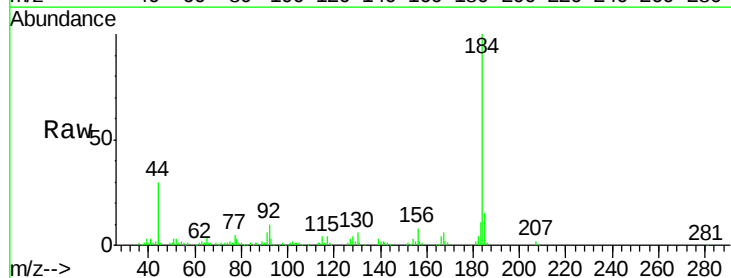
Tgt Ion:184 Resp: 129958

Ion Ratio Lower Upper

184 100

185 15.2 11.9 17.9

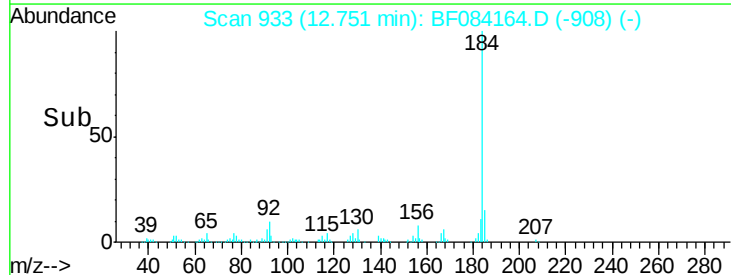
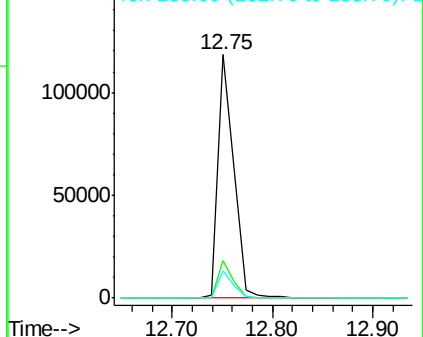
183 11.1 9.5 14.3

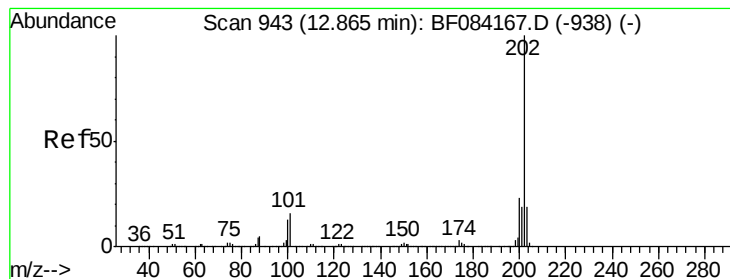


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 2.45 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

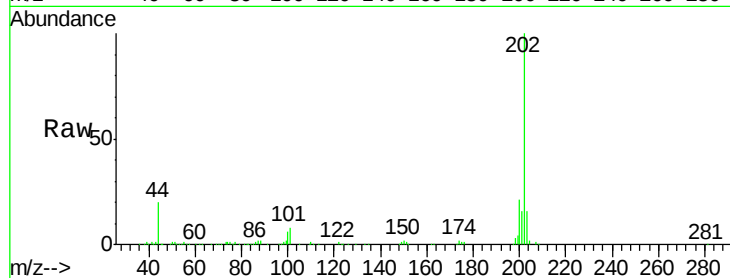
Tgt Ion: 202 Resp: 233289

Ion Ratio Lower Upper

202 100

200 20.8 18.7 28.1

203 16.1 15.2 22.8



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

250000

200000

150000

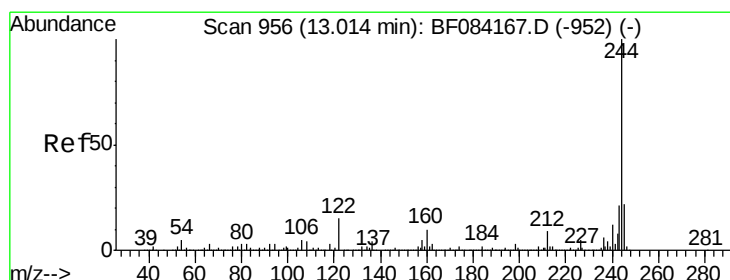
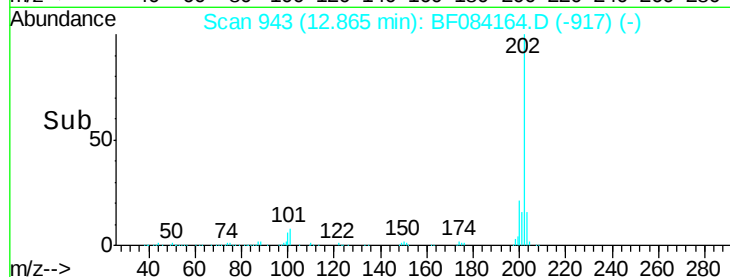
100000

50000

0

12.80 12.85 12.90

Time-->



#78

Terphenyl-d14

Concen: 4.57 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

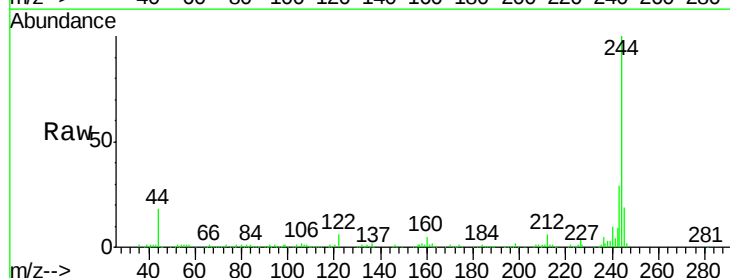
Tgt Ion: 244 Resp: 278901

Ion Ratio Lower Upper

244 100

212 5.8 7.0 10.4#

122 6.0 11.9 17.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

250000

200000

150000

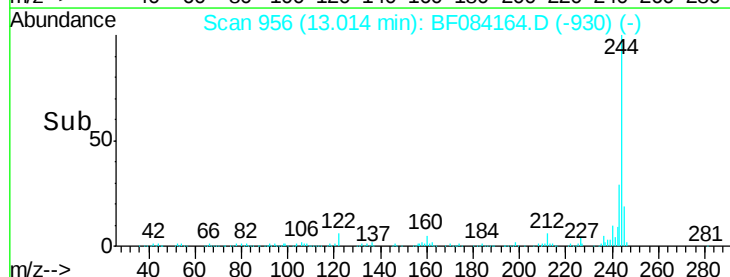
100000

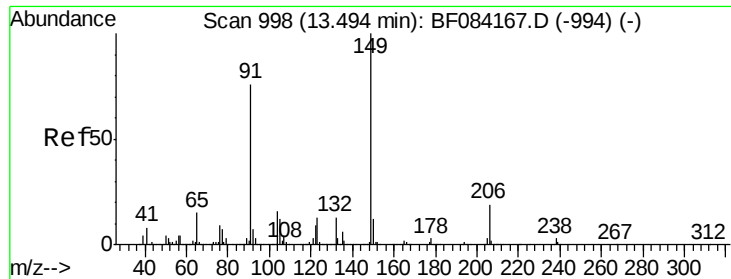
50000

0

13.00 13.10

Time-->

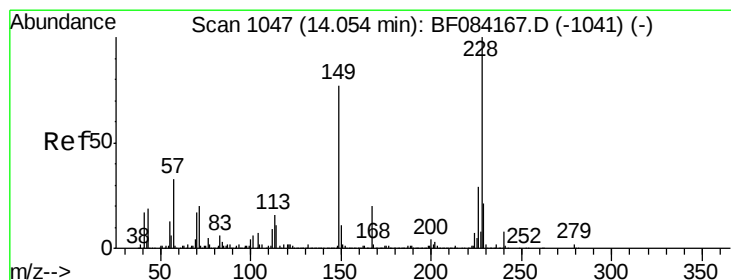
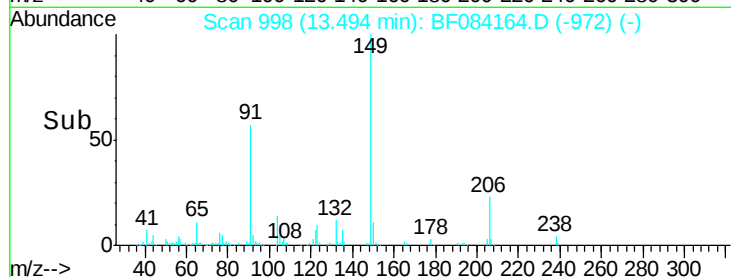
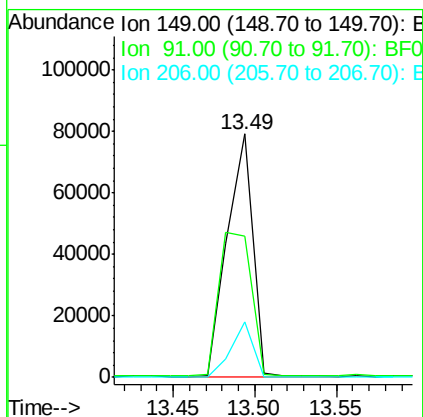
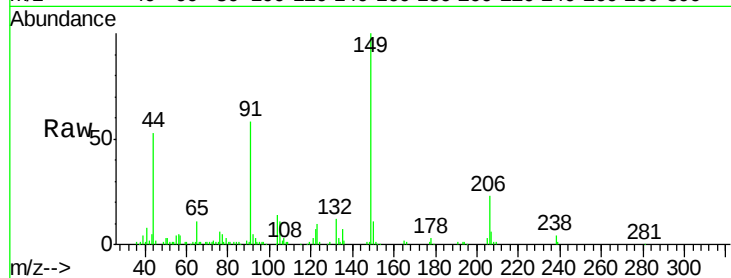




#79
Butylbenzylphthalate
Concen: 2.13 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

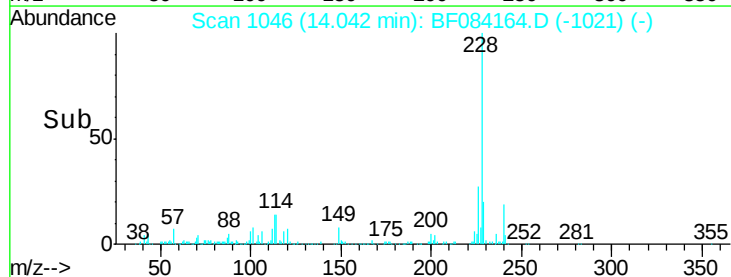
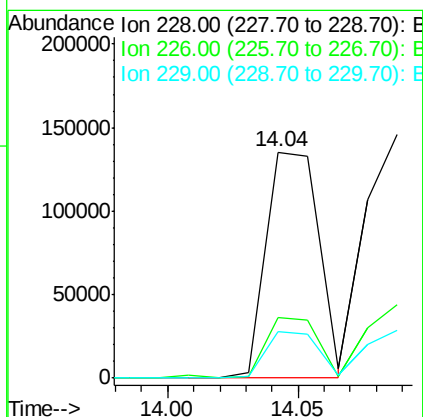
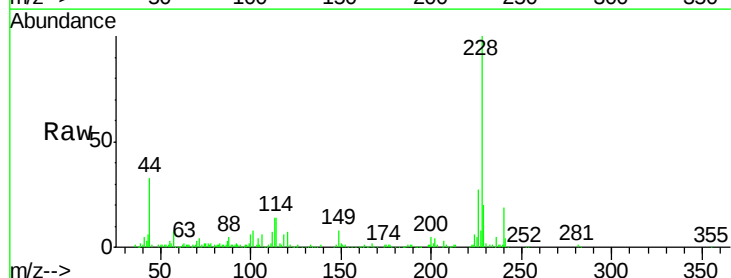
Instrument :
BNA_F
ClientSampleId :
BFB

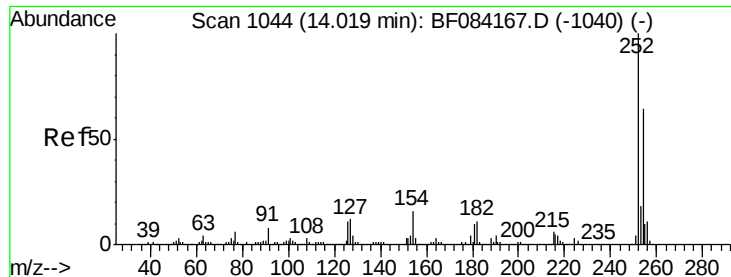
Tgt Ion:149 Resp: 86634
Ion Ratio Lower Upper
149 100
91 58.1 61.1 91.7#
206 22.7 15.3 22.9



#80
Benzo(a)anthracene
Concen: 2.73 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion:228 Resp: 190167
Ion Ratio Lower Upper
228 100
226 27.1 23.1 34.7
229 20.4 16.6 25.0





#81

3,3'-Dichlorobenzidine

Concen: 2.90 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

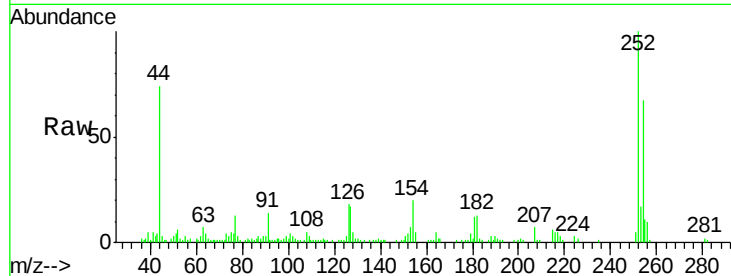
Tgt Ion:252 Resp: 62952

Ion Ratio Lower Upper

252 100

254 67.2 51.4 77.0

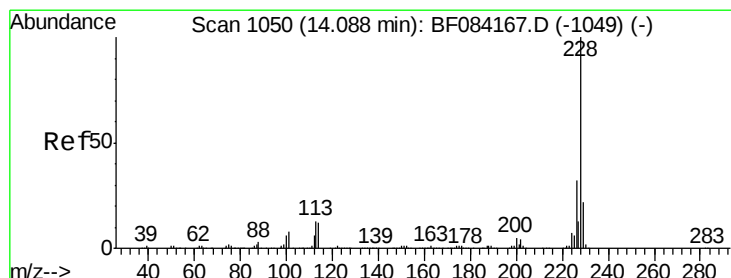
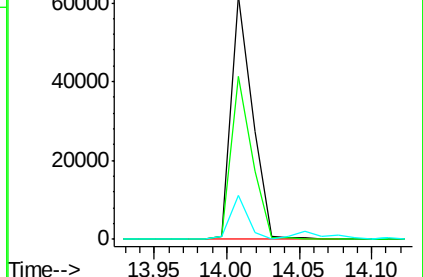
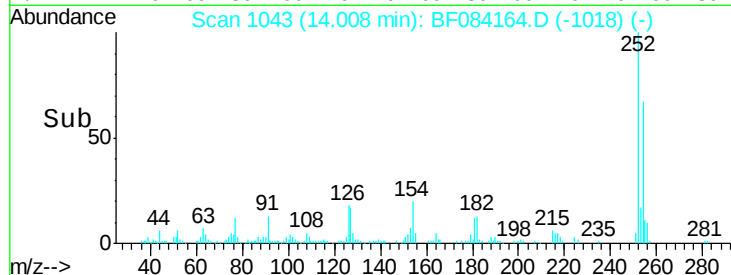
126 17.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 2.87 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

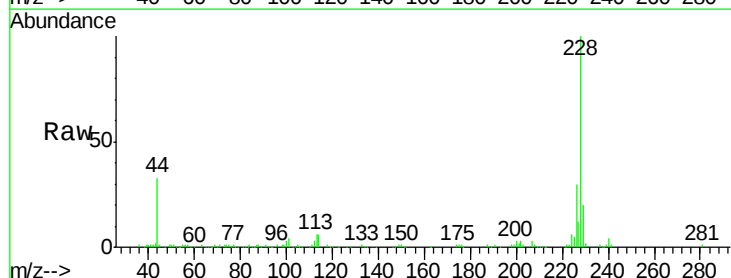
Tgt Ion:228 Resp: 179173

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.2

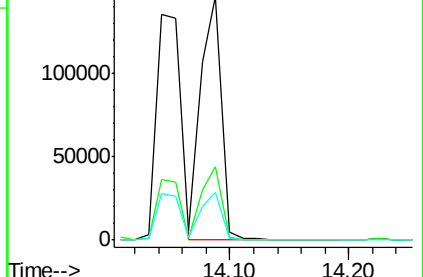
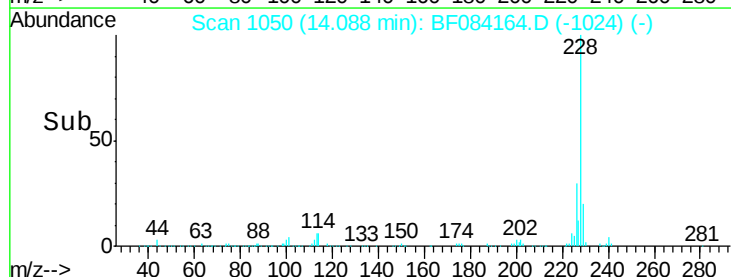
229 19.6 17.4 26.2

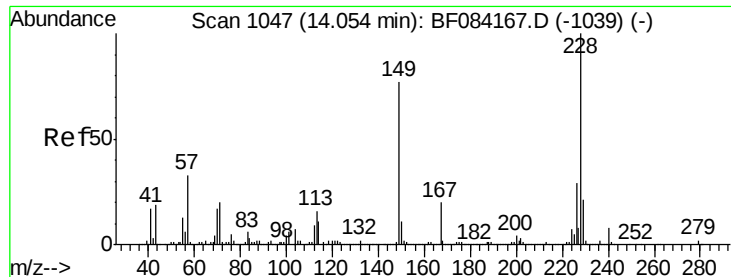


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

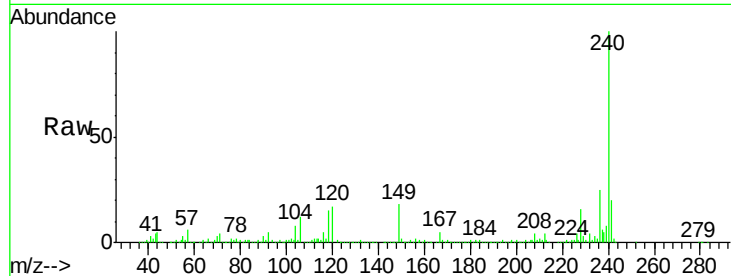




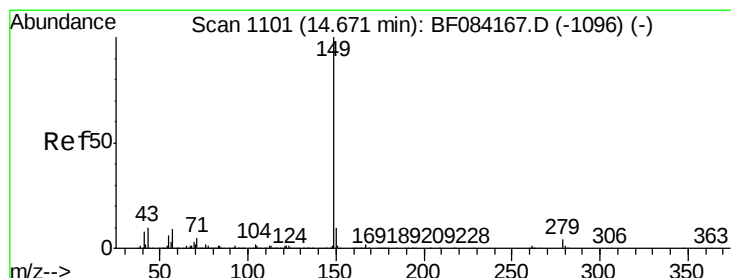
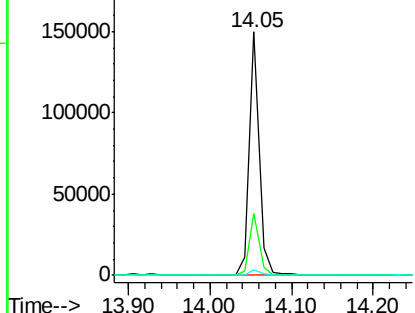
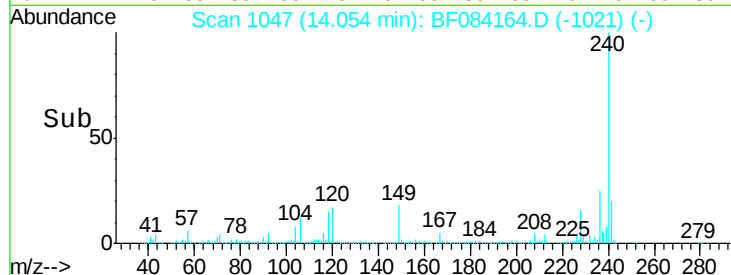
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.49 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

Instrument :
 BNA_F
 ClientSampleId :
 BFB

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.6	30.8
279	2.3	1.6	2.4

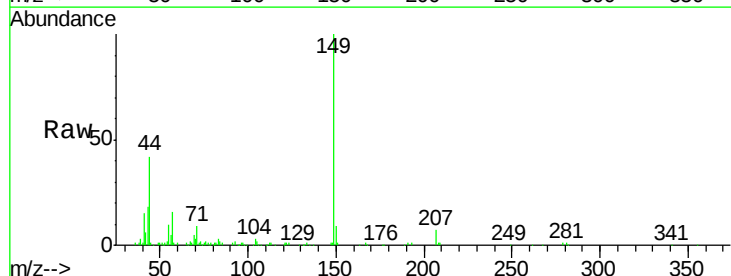


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

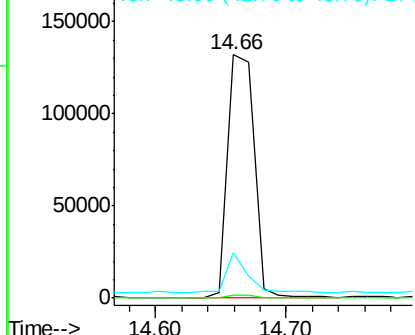
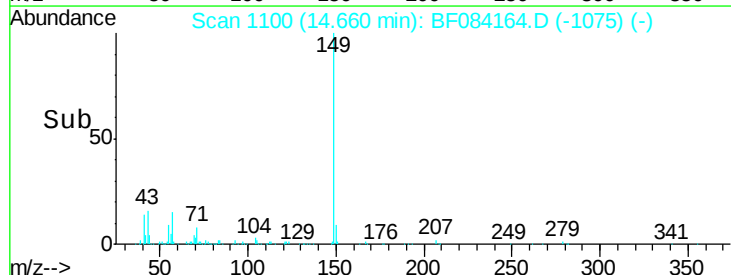


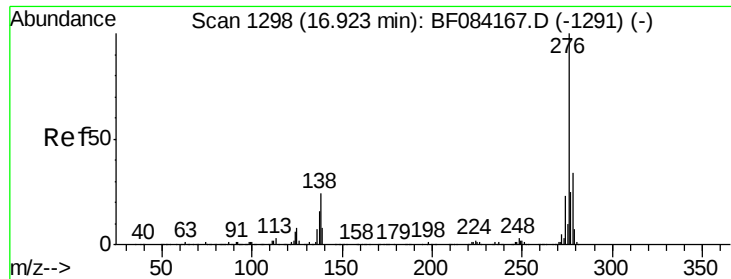
#84
 Di-n-octyl phthalate
 Concen: 2.51 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF084164.D
 Acq: 30 Dec 2015 23:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.3	1.9
43	14.3	10.5	15.7



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

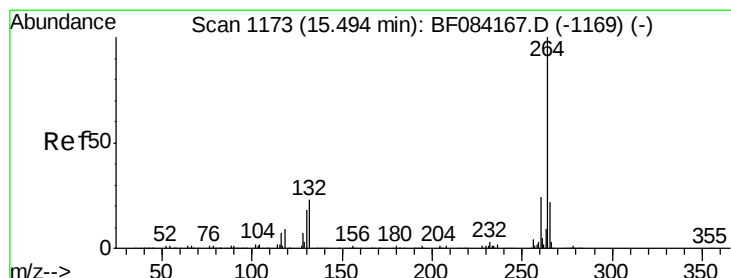
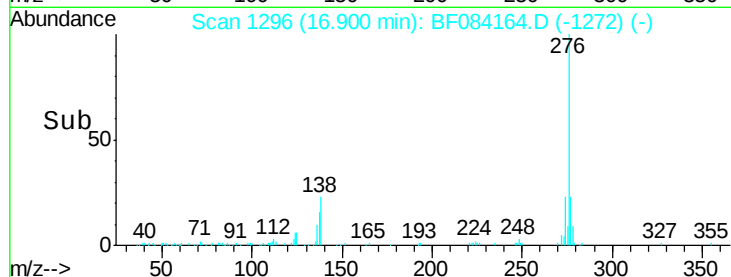
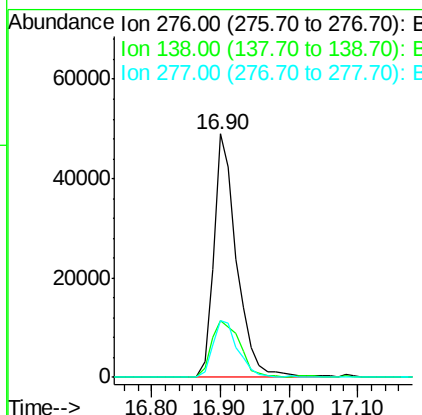
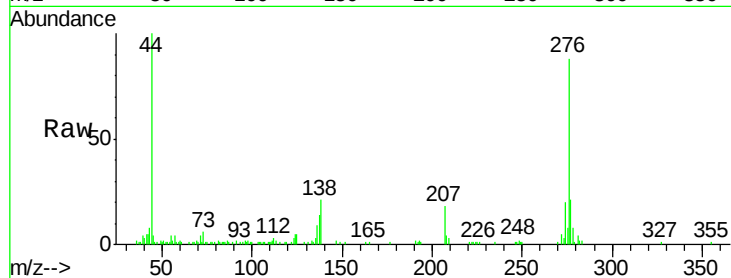




#85
Indeno(1,2,3-cd)pyrene
Concen: 1.85 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

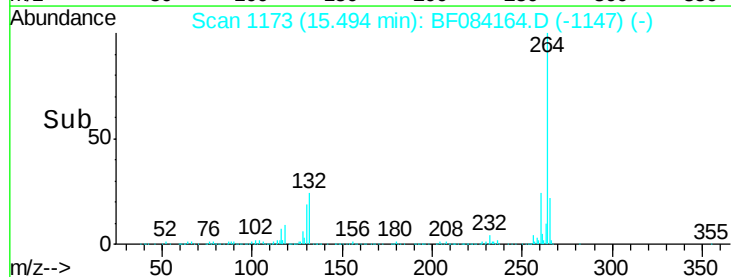
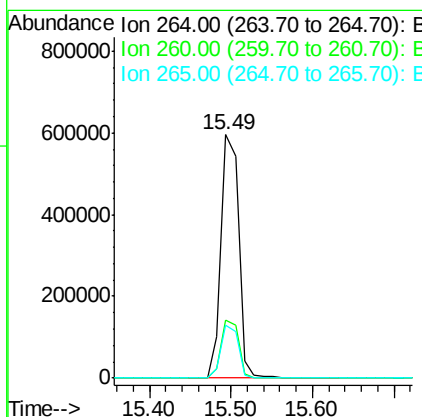
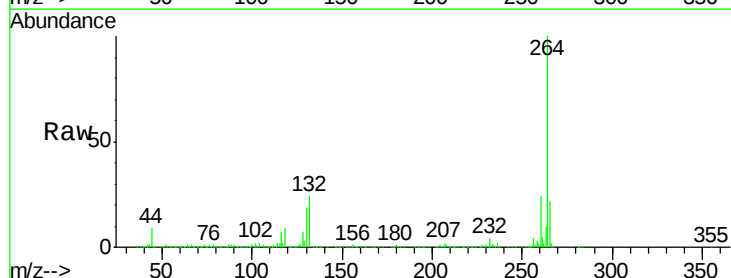
Instrument :
BNA_F
ClientSampleId :
BFB

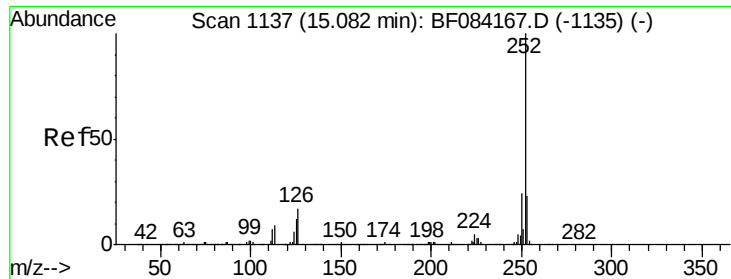
Tgt Ion: 276 Resp: 115409
Ion Ratio Lower Upper
276 100
138 28.8 21.8 32.6
277 25.3 19.7 29.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF084164.D
Acq: 30 Dec 2015 23:32

Tgt Ion: 264 Resp: 899912
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.6 18.0 27.0





#87

Benzo(b)fluoranthene

Concen: 2.43 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

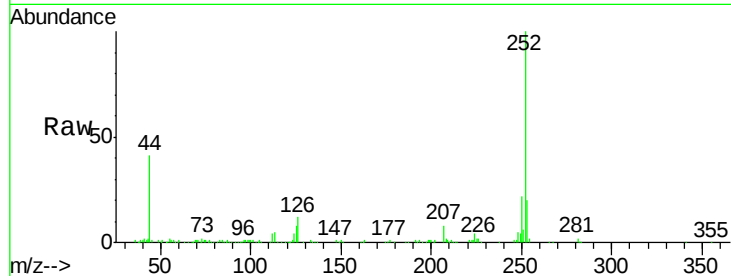
Tgt Ion:252 Resp: 162582

Ion Ratio Lower Upper

252 100

253 20.3 18.2 27.4

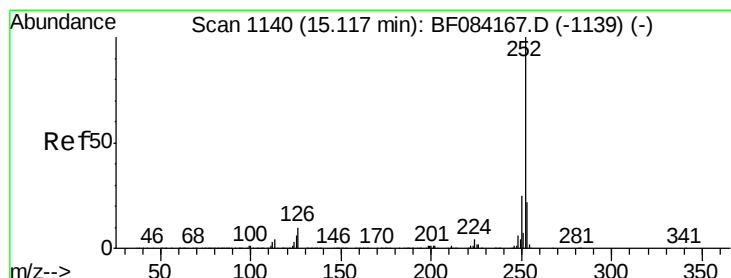
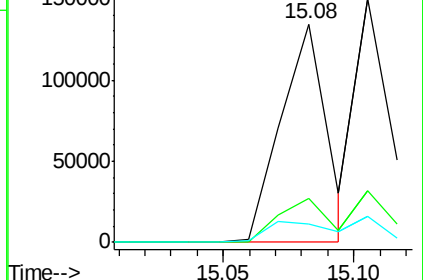
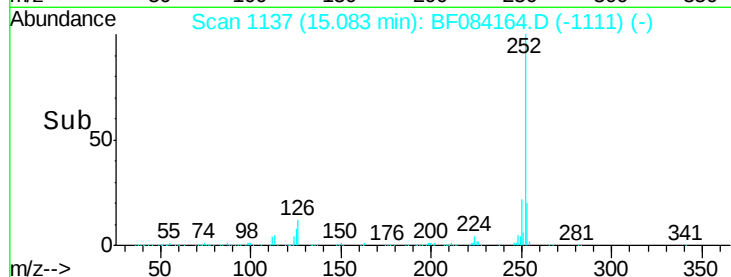
125 8.3 9.8 14.6#



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: 3.61 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

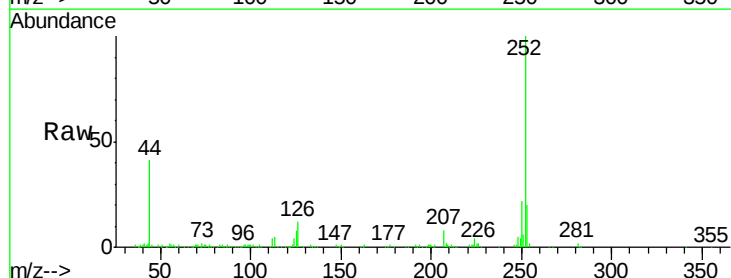
Tgt Ion:252 Resp: 162582

Ion Ratio Lower Upper

252 100

253 20.3 17.9 26.9

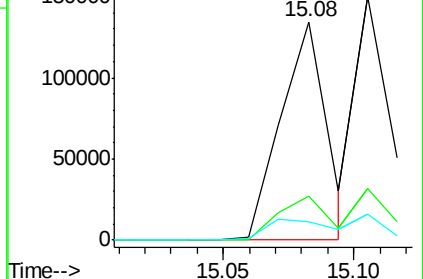
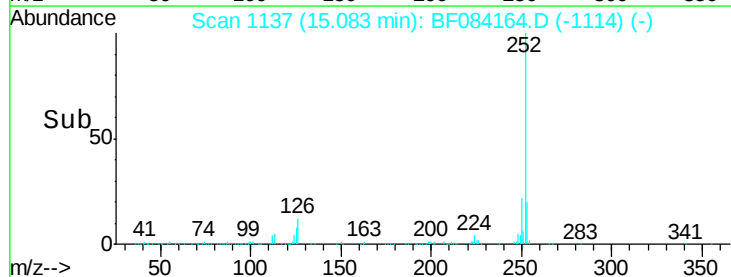
125 8.3 8.2 12.2

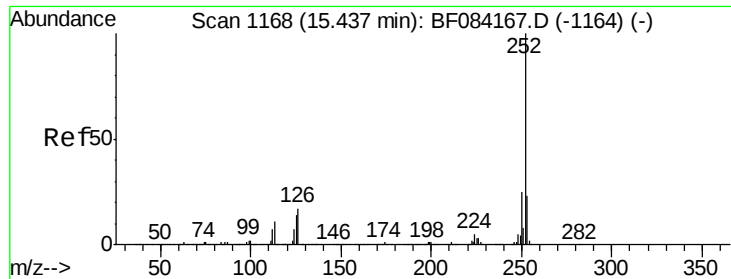


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.45 ng

RT: 15.44 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

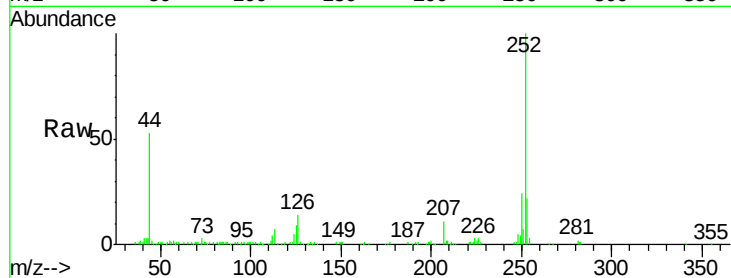
Tgt Ion:252 Resp: 134539

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

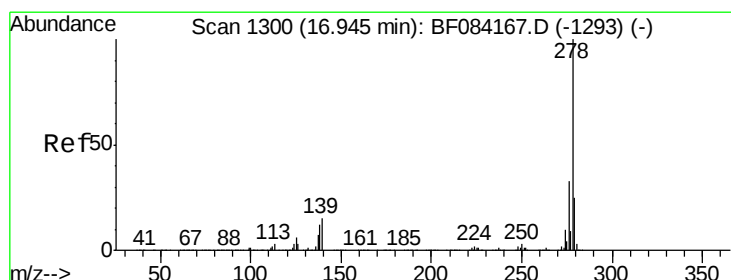
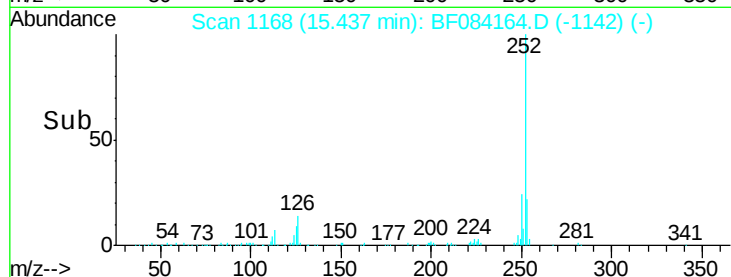
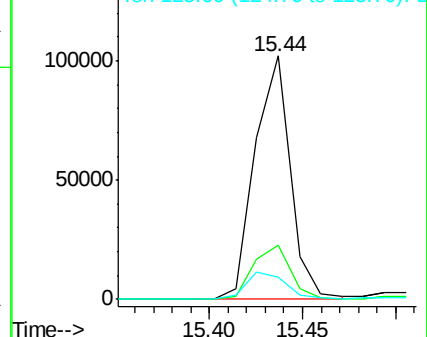
125 9.0 11.1 16.7#



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



#90

Dibenzo(a,h)anthracene

Concen: 1.77 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

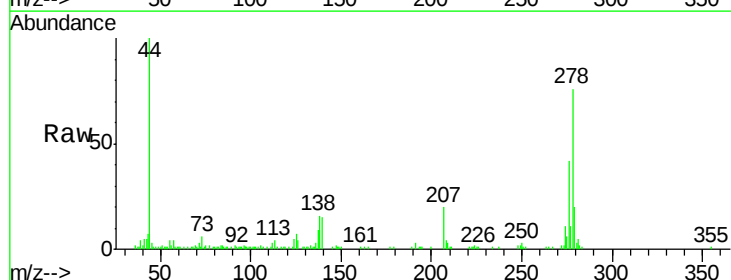
Tgt Ion:278 Resp: 92651

Ion Ratio Lower Upper

278 100

139 19.7 11.9 17.9#

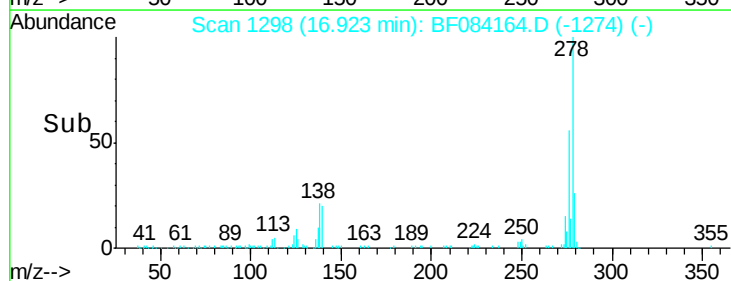
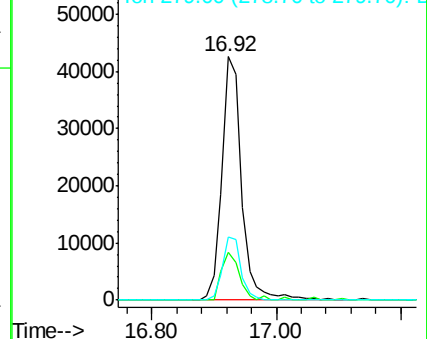
279 26.1 19.7 29.5

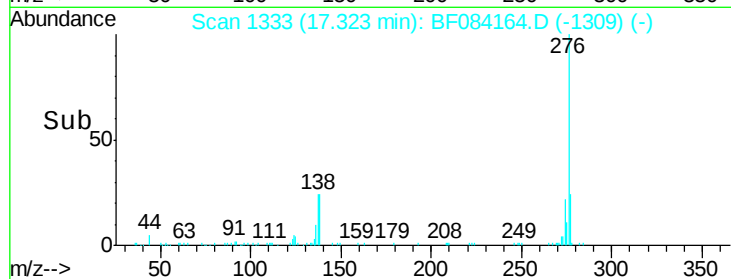
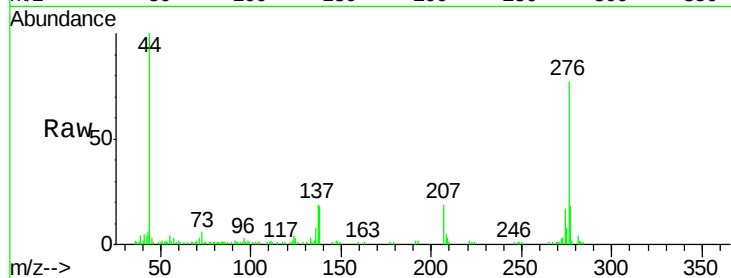
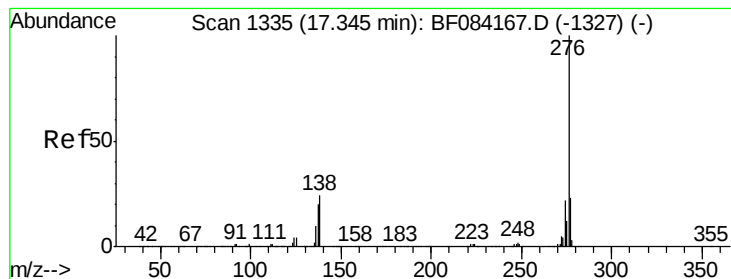


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.80 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF084164.D

Acq: 30 Dec 2015 23:32

Instrument :

BNA_F

ClientSampleId :

BFB

Tgt Ion: 276 Resp: 96063

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 23.4 19.4 29.2

