

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123015\
 Data File : BF084176.D
 Acq On : 31 Dec 2015 5:38
 Operator : UM/SJ
 Sample : G4979-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-25

Quant Time: Dec 31 06:13:36 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 04:29:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	323404	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1316920	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	604973	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1133855	20.00	ng	0.00
75) Chrysene-d12	14.07	240	860554	20.00	ng	0.00
86) Perylene-d12	15.49	264	633174	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1214296	60.21	ng	0.00
7) Phenol-d6	6.52	99	1030462	39.47	ng	0.00
23) Nitrobenzene-d5	7.46	82	2136723	95.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	756871	125.34	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	3002116	84.73	ng	0.00
78) Terphenyl-d14	13.01	244	3247786	88.89	ng	0.00

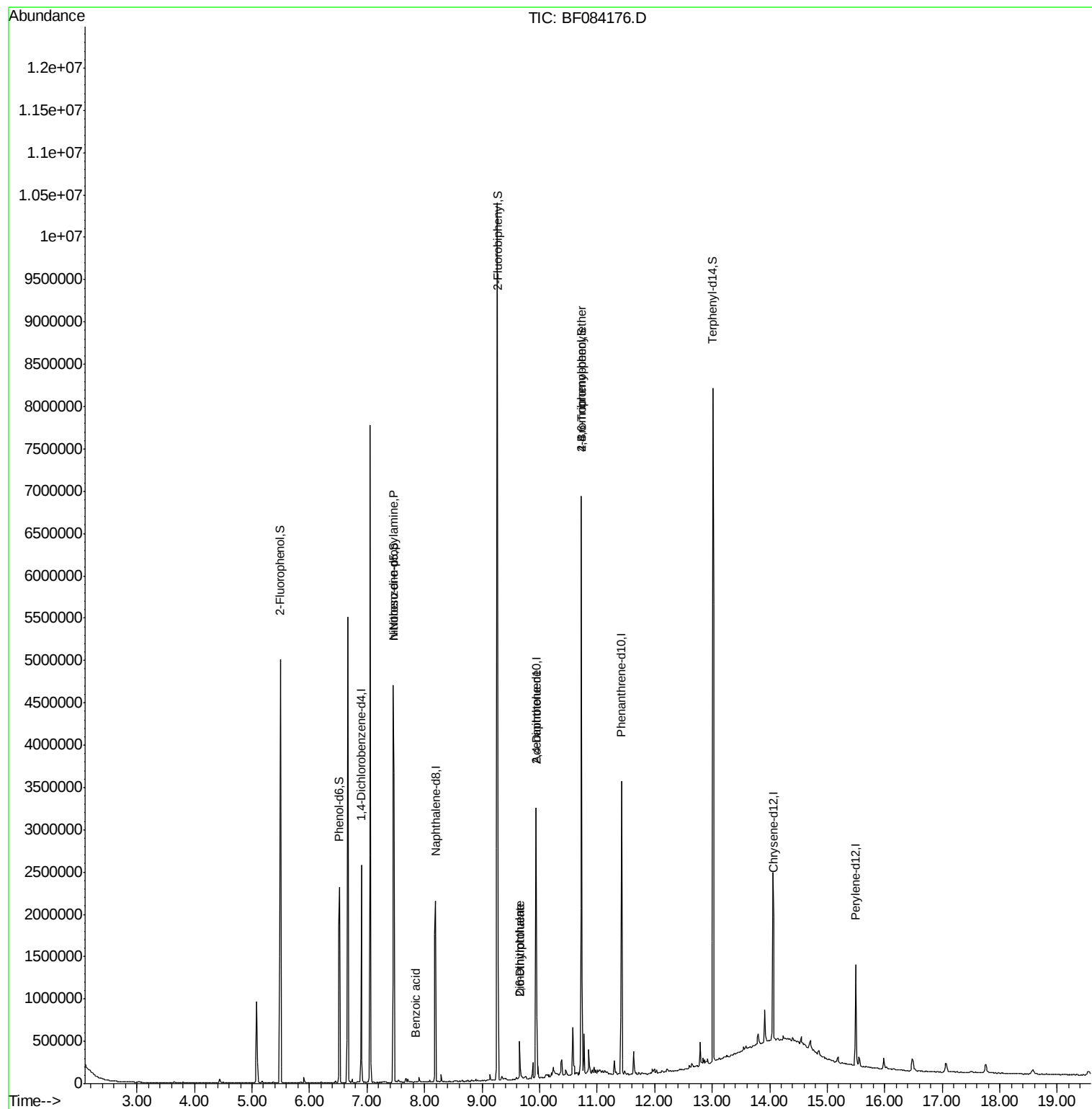
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	2405	Below Cal	#	4
14) 1,2-Dichlorobenzene	7.07	146	963	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.46	70	300206	17.47	ng	78
32) Benzoic acid	7.85	122	880	3.59	ng	67
49) Dimethylphthalate	9.65	163	165768	3.81	ng	99
50) 2,6-Dinitrotoluene	9.65	165	3421	2.30	ng	1
56) 2,4-Dinitrotoluene	9.94	165	79085	7.49	ng	42
59) Diethylphthalate	10.36	149	12275	Below Cal	#	100
66) 4-Bromophenyl-phenylether	10.73	248	47645	3.92	ng	1
73) Di-n-butylphthalate	12.00	149	25864	Below Cal	#	100
74) Fluoranthene	12.65	202	24359	Below Cal	#	97

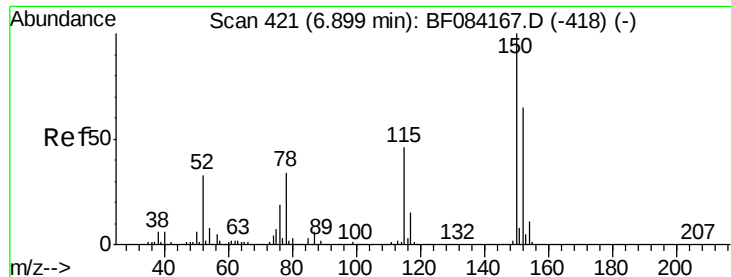
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_G

ClientSampled :

W-25

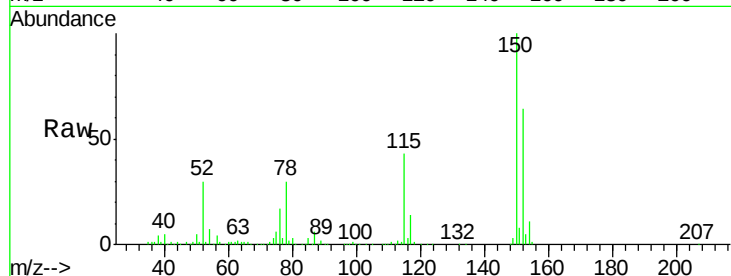
Tgt Ion:152 Resp: 323404

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.8

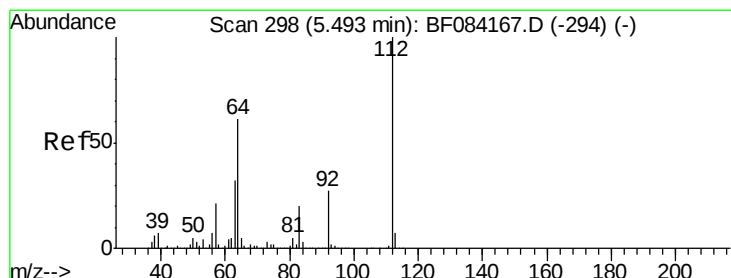
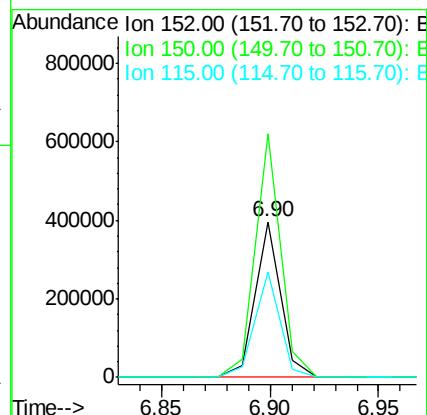
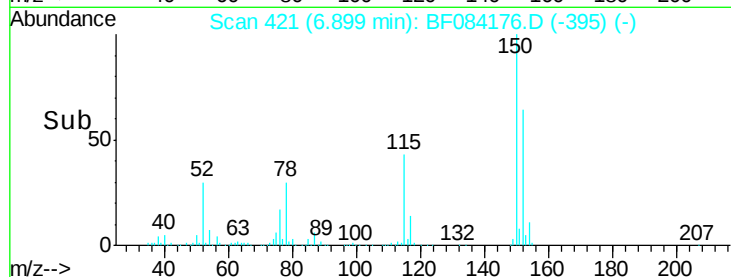
115 68.1 57.1 85.7



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



#5

2-Fluorophenol

Concen: 60.21 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

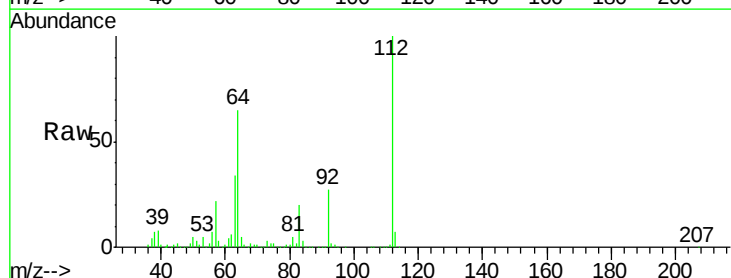
Tgt Ion:112 Resp: 1214296

Ion Ratio Lower Upper

112 100

64 65.3 48.7 73.1

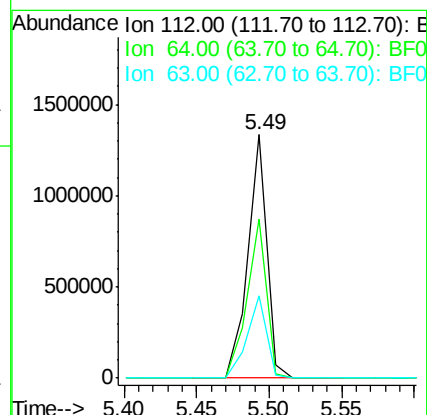
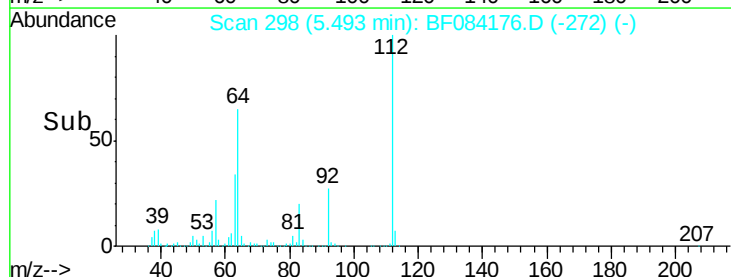
63 33.8 25.9 38.9

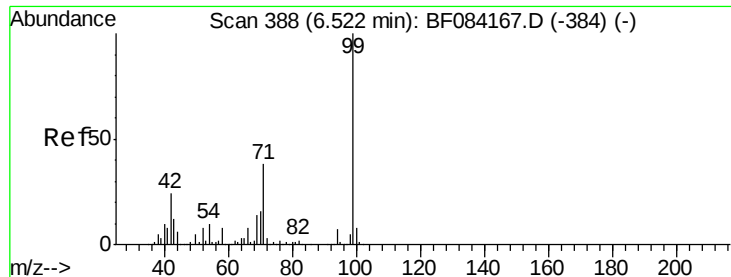


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.47 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_G

ClientSampleId :

W-25

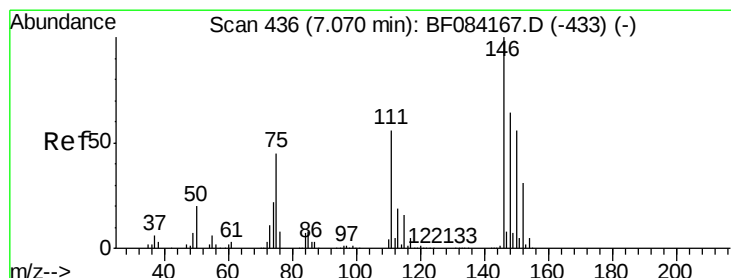
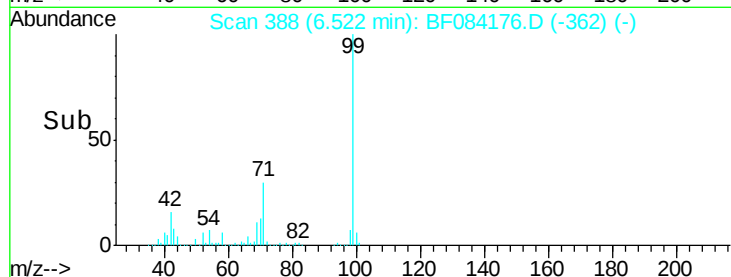
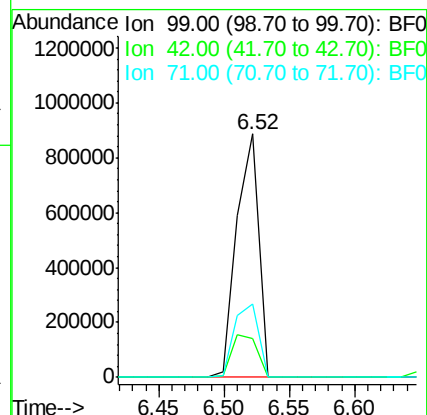
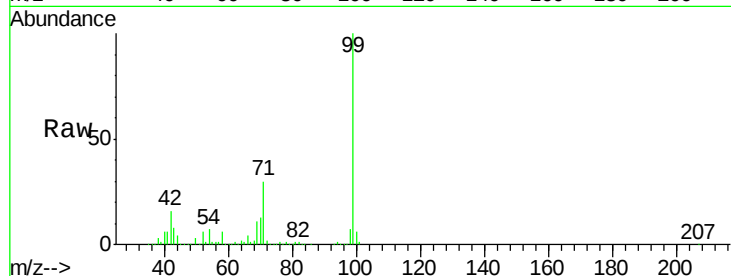
Tgt Ion: 99 Resp: 1030462

Ion Ratio Lower Upper

99 100

42 15.9 19.2 28.8#

71 30.1 30.4 45.6#



#14

1,2-Dichlorobenzene

Concen: Below Cal

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

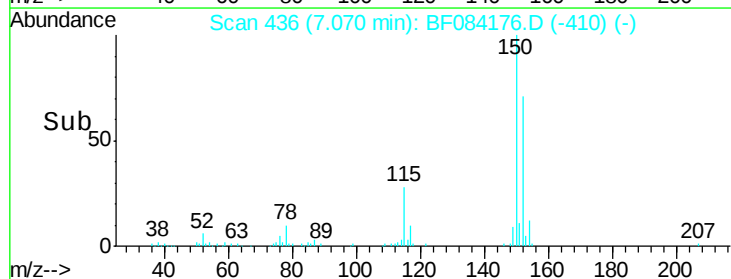
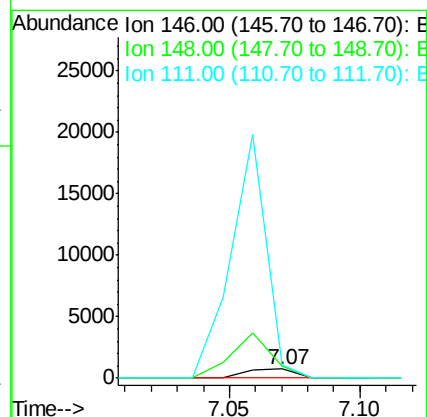
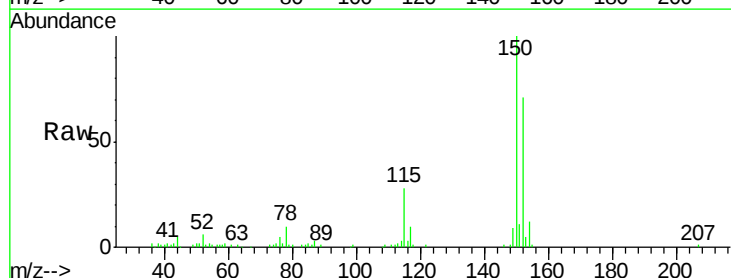
Tgt Ion: 146 Resp: 963

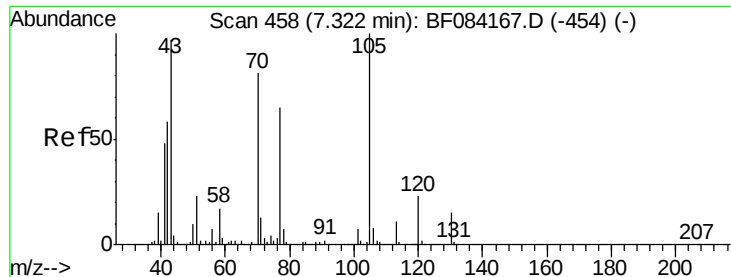
Ion Ratio Lower Upper

146 100

148 139.5 51.3 76.9#

111 148.7 45.0 67.4#

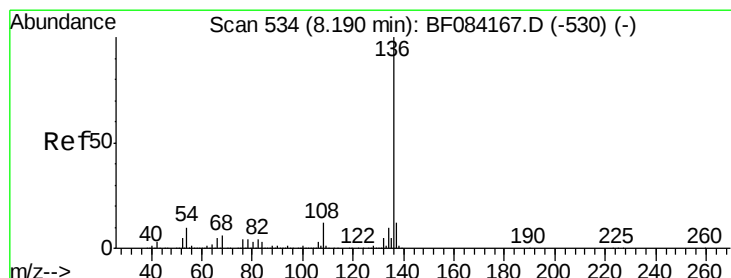
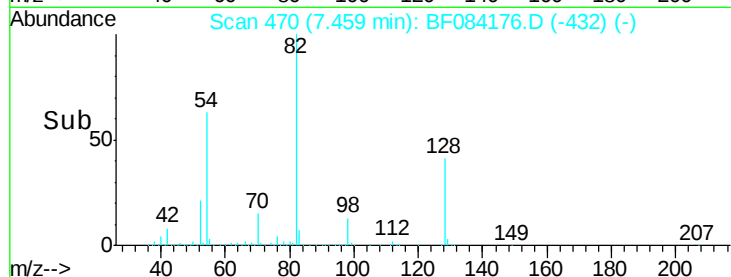
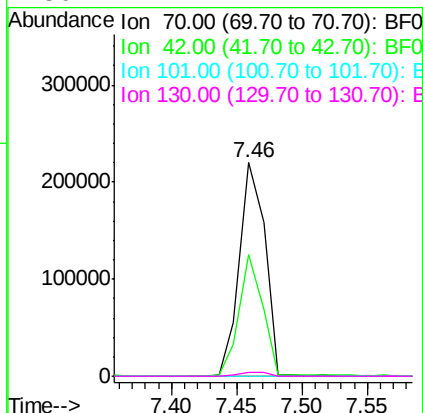
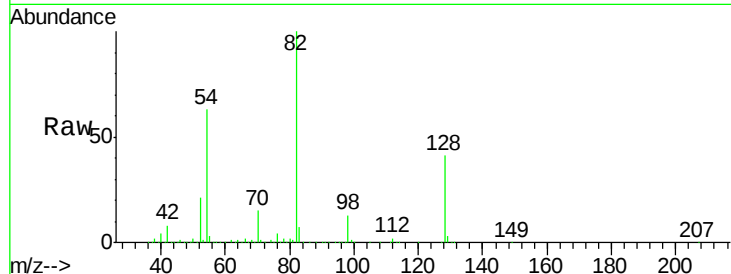




#19
n-Nitroso-di-n-propylamine
Concen: 17.47 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084176.D
Acq: 31 Dec 2015 5:38

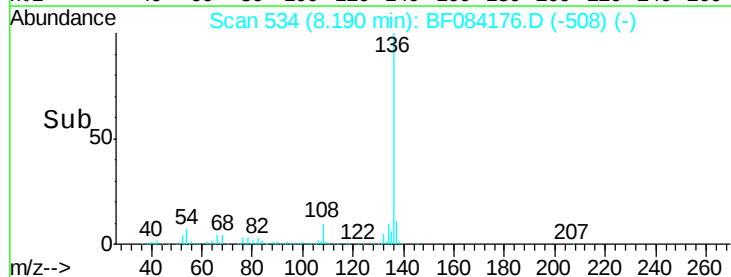
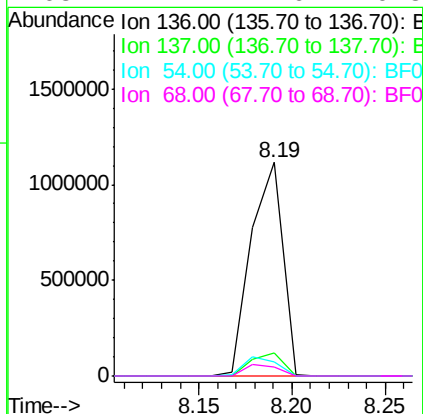
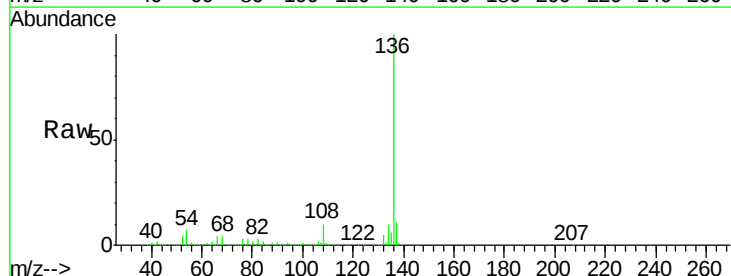
Instrument :
BNA_G
ClientSampleId :
W-25

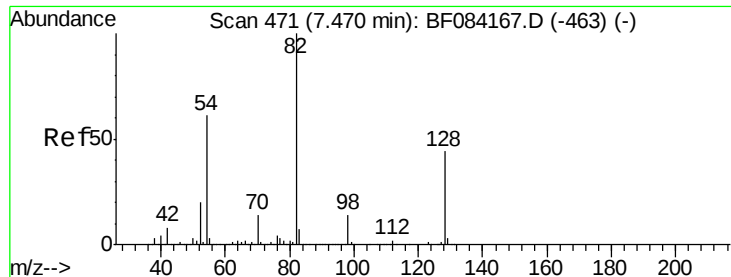
Tgt Ion: 70 Resp: 300206
Ion Ratio Lower Upper
70 100
42 57.1 57.4 86.0#
101 0.0 7.3 10.9#
130 2.1 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084176.D
Acq: 31 Dec 2015 5:38

Tgt Ion: 136 Resp: 1316920
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 6.7 7.6 11.4#
68 4.1 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 95.87 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_G

ClientSampleId :

W-25

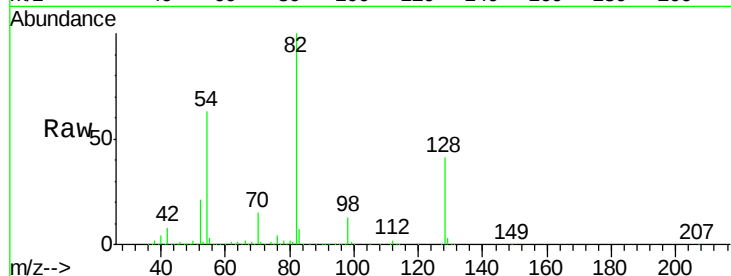
Tgt Ion: 82 Resp: 2136723

Ion Ratio Lower Upper

82 100

128 40.7 35.0 52.4

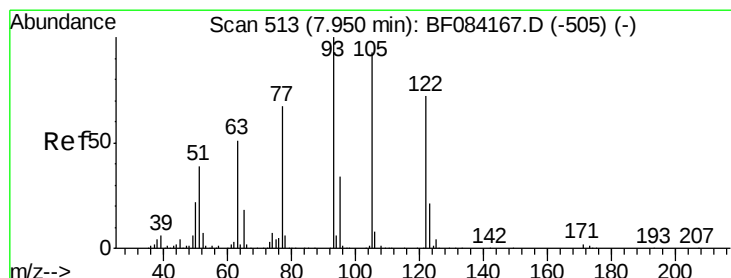
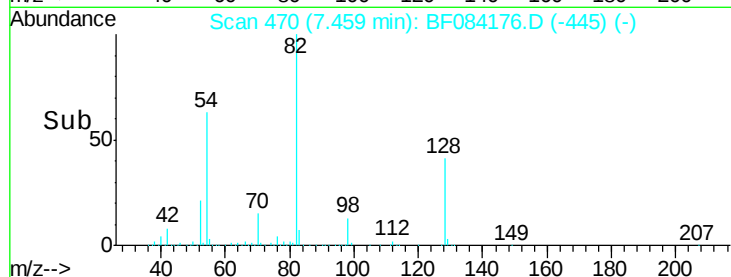
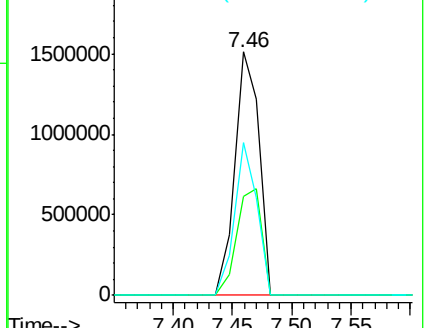
54 62.8 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 3.59 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.10 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

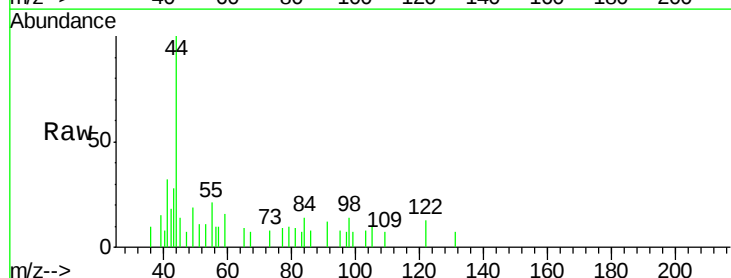
Tgt Ion: 122 Resp: 880

Ion Ratio Lower Upper

122 100

105 82.3 108.6 148.6#

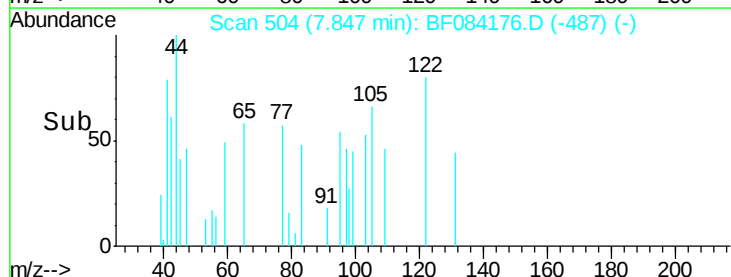
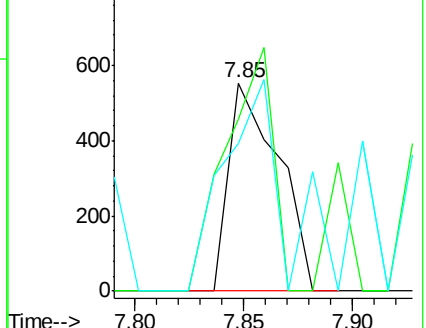
77 71.1 74.1 114.1#

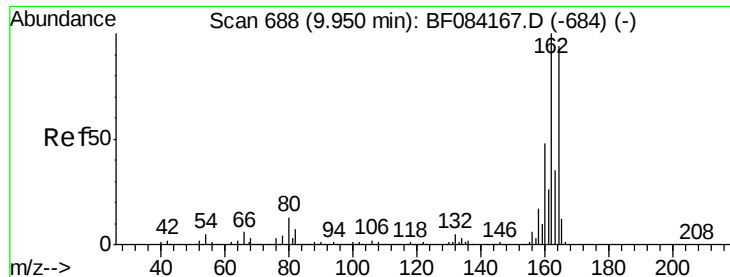


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

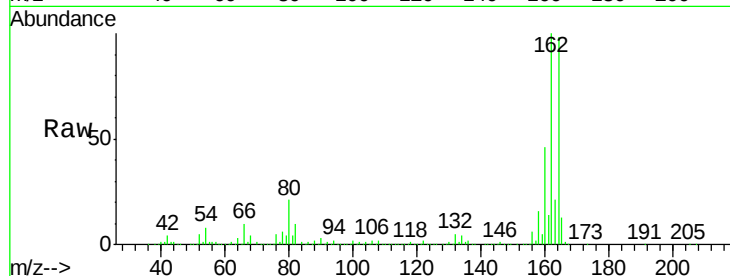




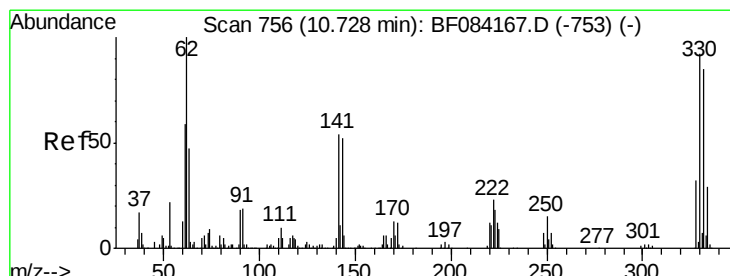
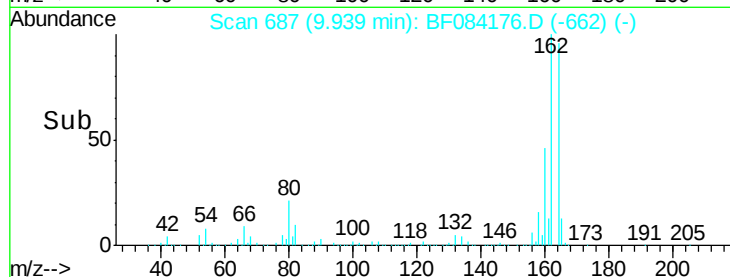
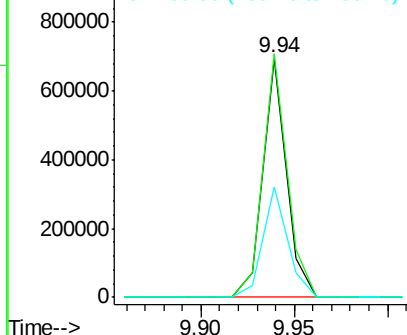
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084176.D
 Acq: 31 Dec 2015 5:38

Instrument :
 BNA_G
 ClientSampleId :
 W-25

Tgt Ion:164 Resp: 604973
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.8 127.2
 160 46.4 40.4 60.6

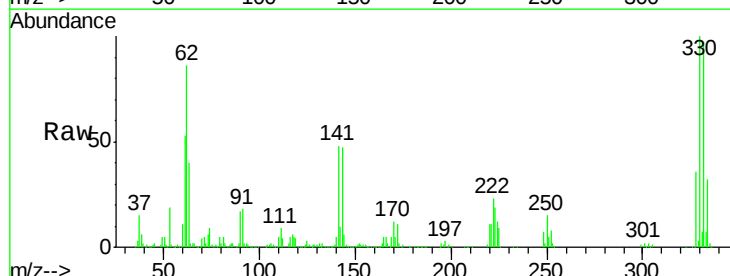


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

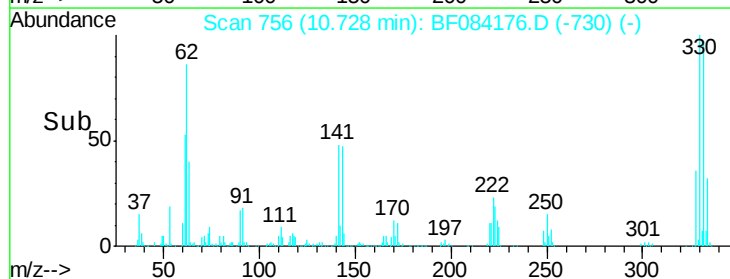
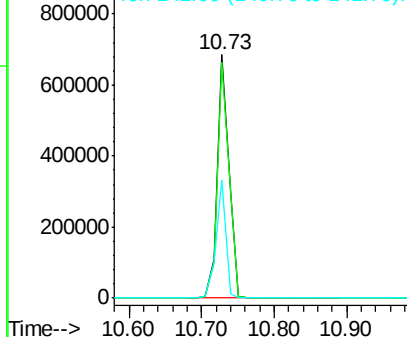


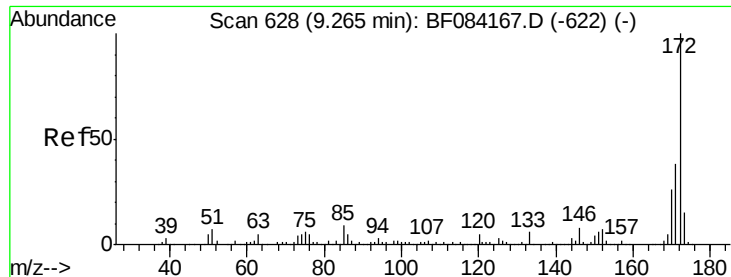
#41
 2,4,6-Tribromophenol
 Concen: 125.34 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF084176.D
 Acq: 31 Dec 2015 5:38

Tgt Ion:330 Resp: 756871
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.2
 141 41.2 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

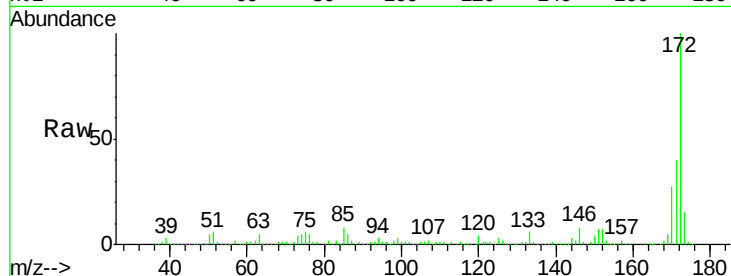




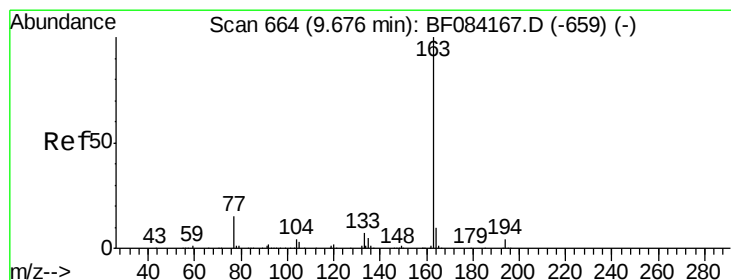
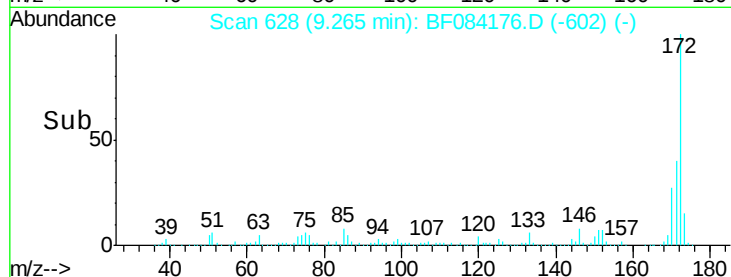
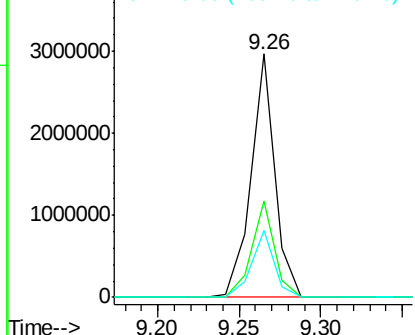
#44
 2-Fluorobiphenyl
 Concen: 84.73 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084176.D
 Acq: 31 Dec 2015 5:38

Instrument :
 BNA_G
 ClientSampleId :
 W-25

Tgt Ion:172 Resp: 3002116
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.6 46.0
 170 27.5 20.6 30.8

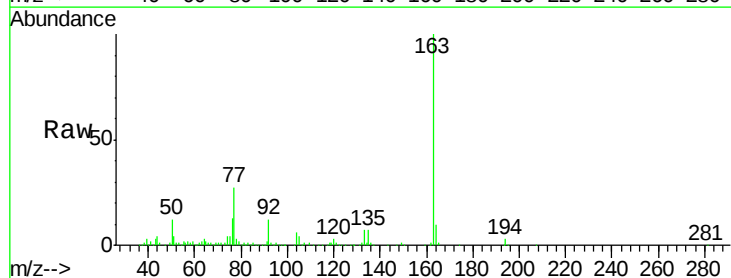


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

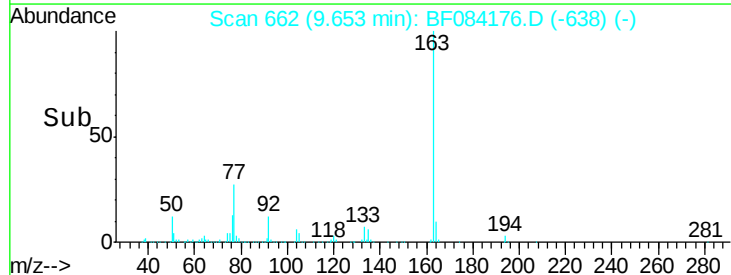
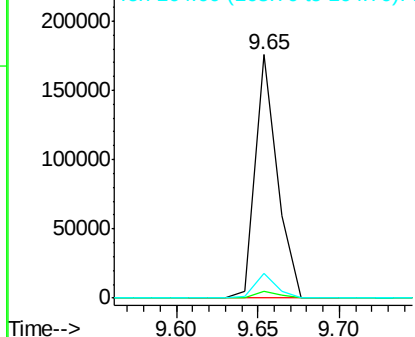


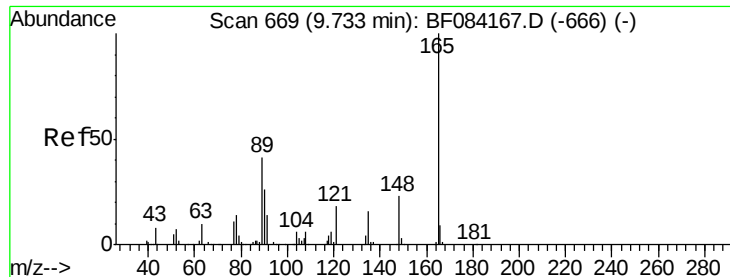
#49
 Dimethylphthalate
 Concen: 3.81 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF084176.D
 Acq: 31 Dec 2015 5:38

Tgt Ion:163 Resp: 165768
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.6#
 164 10.4 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

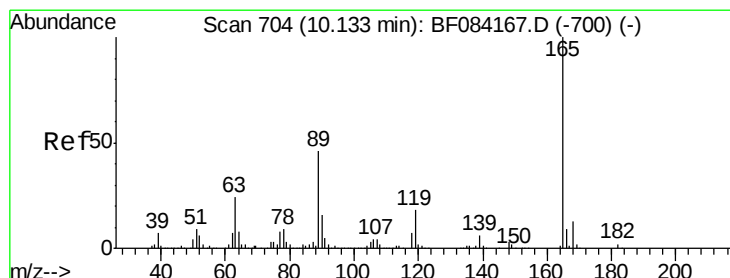
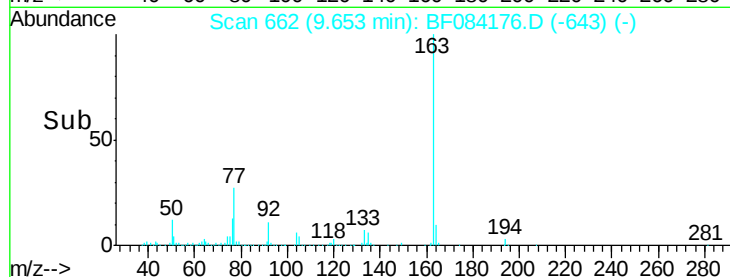
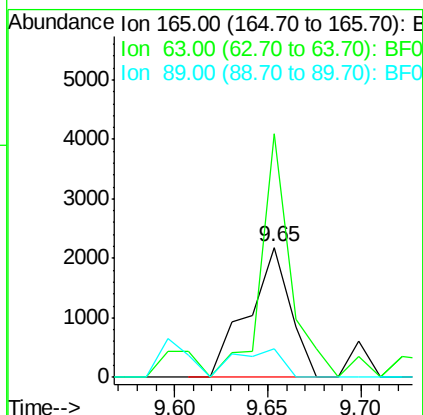
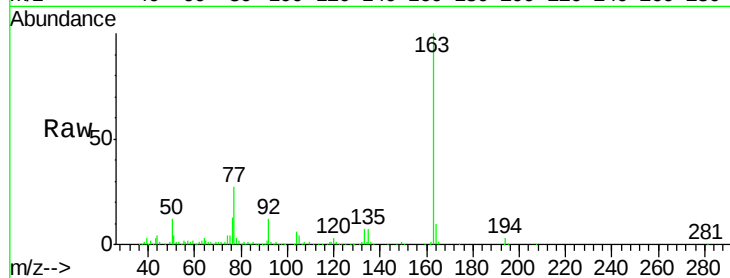




#50
2,6-Dinitrotoluene
Concen: 2.30 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF084176.D
Acq: 31 Dec 2015 5:38

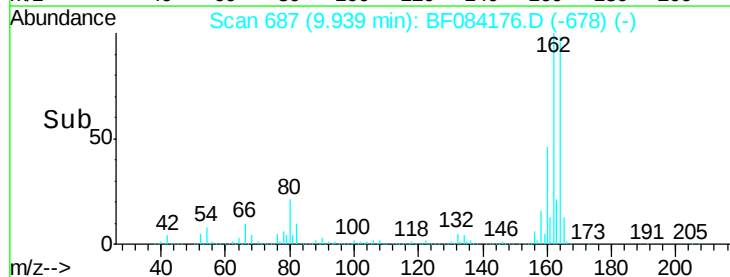
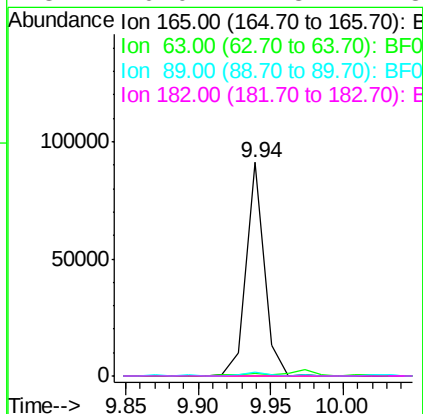
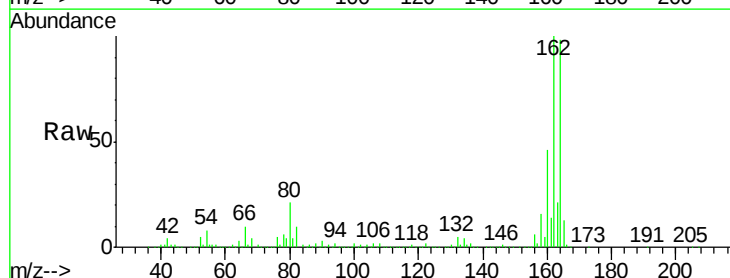
Instrument :
BNA_G
ClientSampled :
W-25

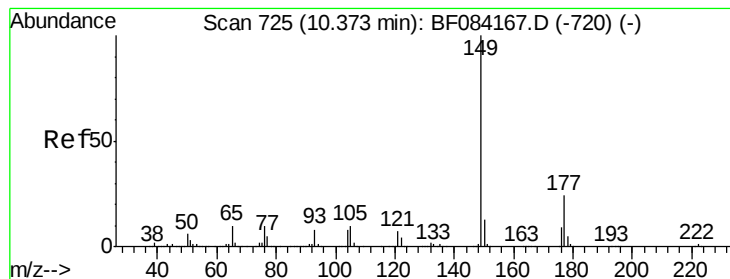
Tgt Ion:165 Resp: 3421
Ion Ratio Lower Upper
165 100
63 187.1 28.8 43.2#
89 22.1 32.7 49.1#



#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF084176.D
Acq: 31 Dec 2015 5:38

Tgt Ion:165 Resp: 79085
Ion Ratio Lower Upper
165 100
63 1.5 19.4 29.2#
89 1.6 37.0 55.6#
182 0.0 1.8 2.8#





#59

Diethylphthalate

Concen: Below Cal

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_G

ClientSampleId :

W-25

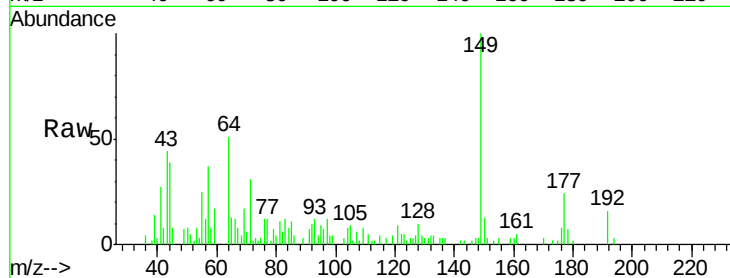
Tgt Ion:149 Resp: 12275

Ion Ratio Lower Upper

149 100

177 23.9 19.1 28.7

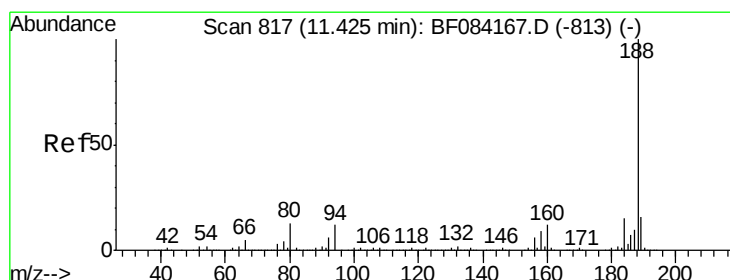
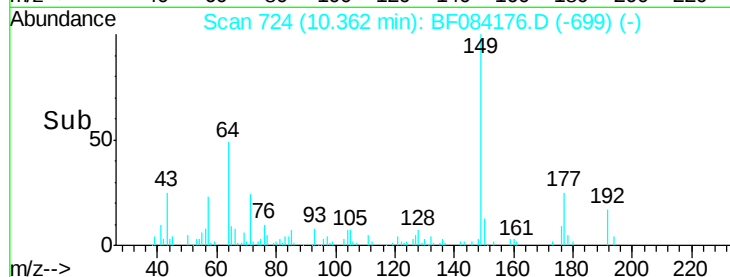
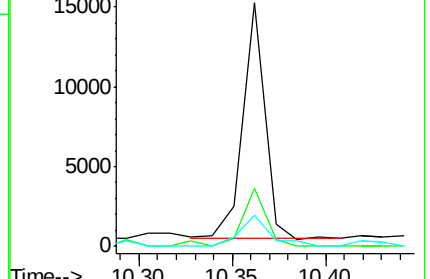
150 12.9 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

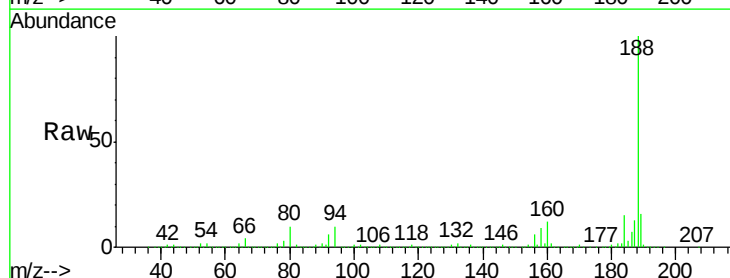
Tgt Ion:188 Resp: 1133855

Ion Ratio Lower Upper

188 100

94 9.7 9.2 13.8

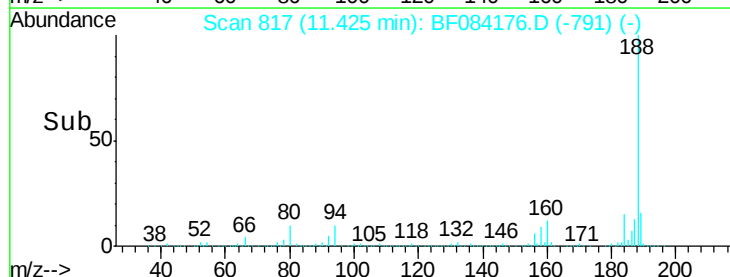
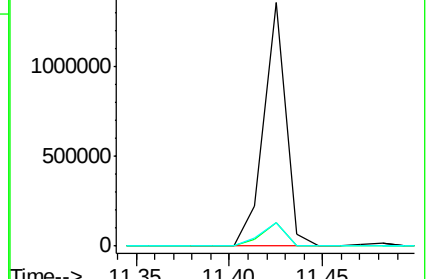
80 9.7 10.1 15.1#

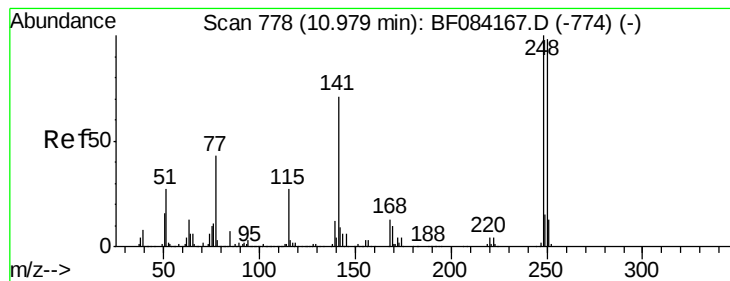


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.92 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_G

ClientSampleId :

W-25

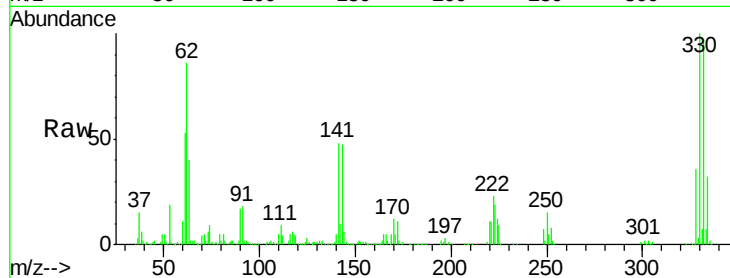
Tgt Ion:248 Resp: 47645

Ion Ratio Lower Upper

248 100

250 201.9 78.7 118.1#

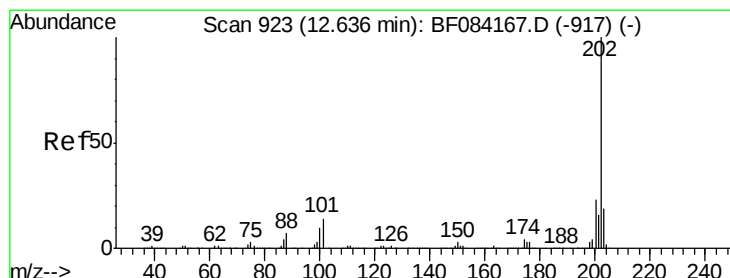
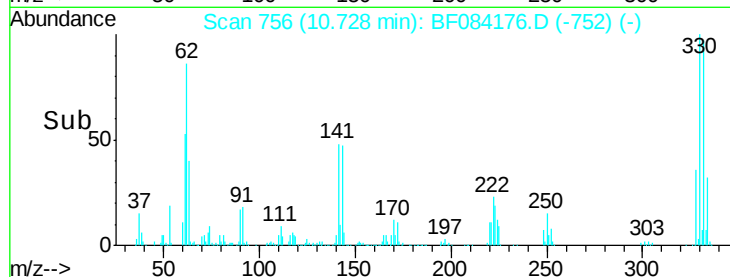
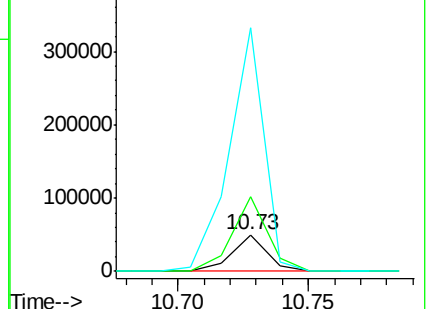
141 660.7 57.1 85.7#



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



#74

Fluoranthene

Concen: Below Cal

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

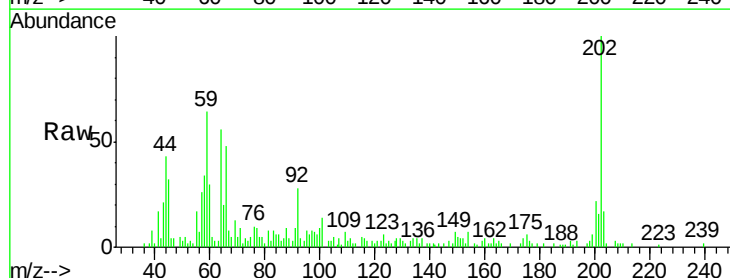
Tgt Ion:202 Resp: 24359

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.0

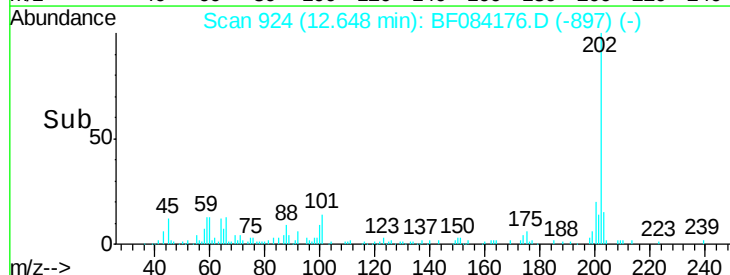
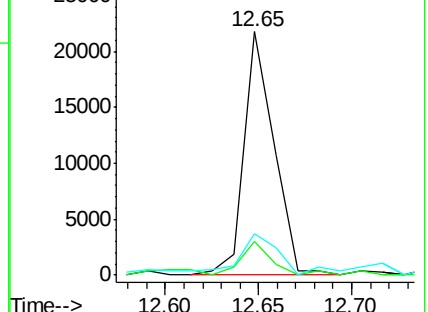
203 16.9 0.0 39.2

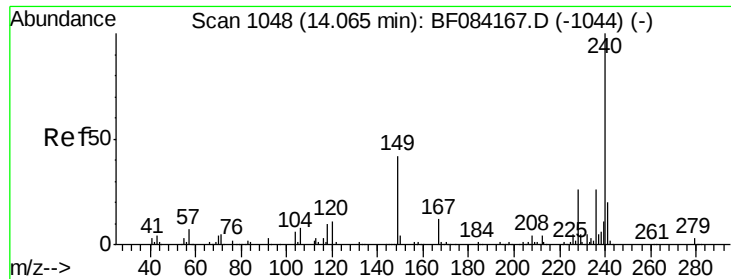


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_G

ClientSampleId :

W-25

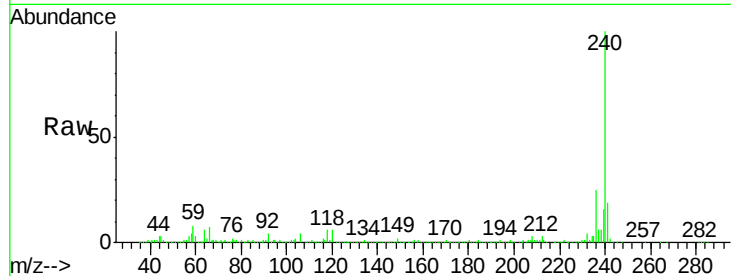
Tgt Ion:240 Resp: 860554

Ion Ratio Lower Upper

240 100

120 6.1 8.8 13.2#

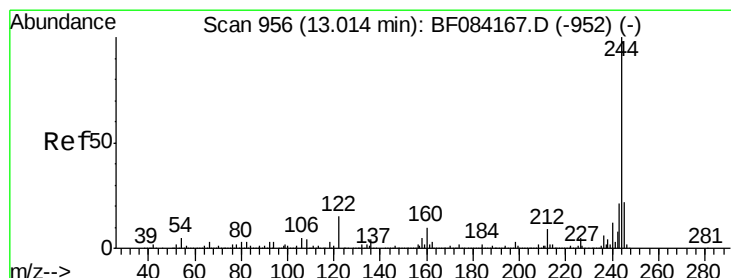
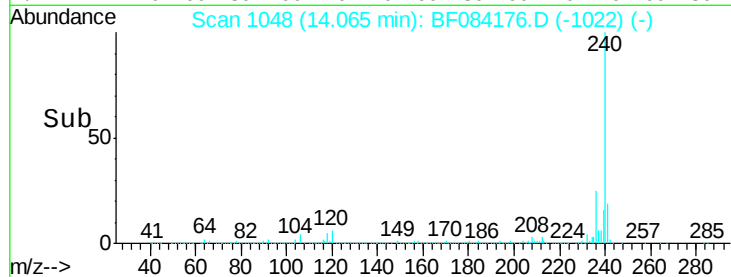
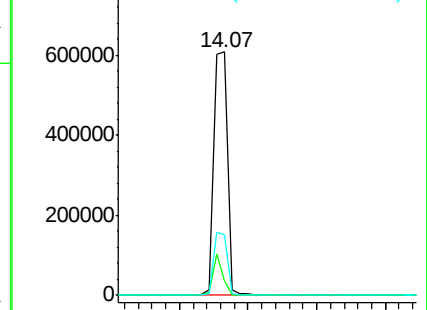
236 25.1 20.8 31.2



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



#78

Terphenyl-d14

Concen: 88.89 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

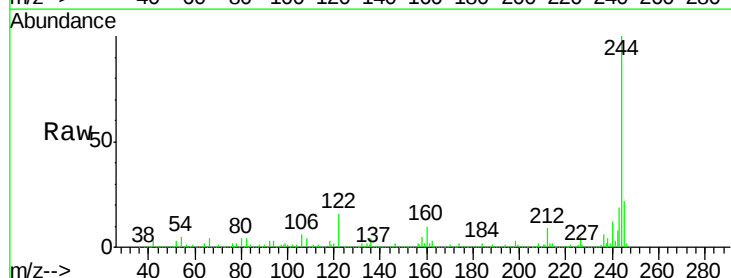
Tgt Ion:244 Resp: 3247786

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

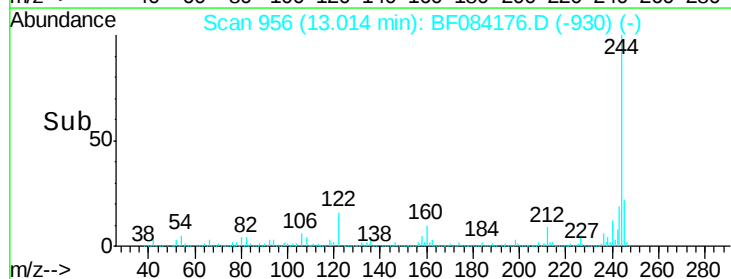
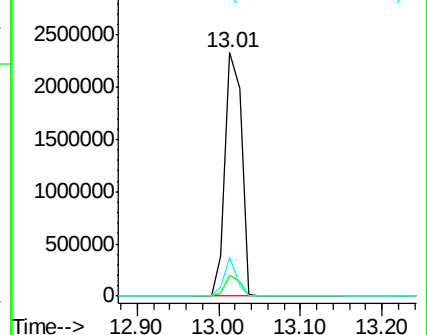
122 16.2 11.9 17.9

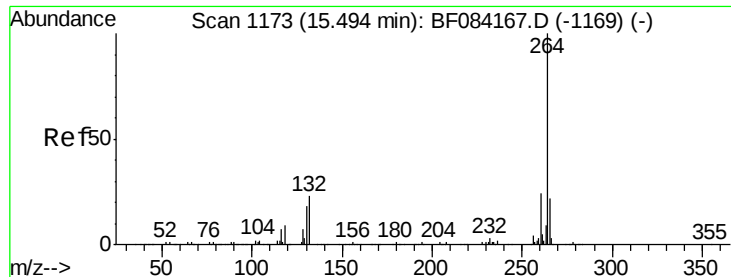


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF084176.D
Acq: 31 Dec 2015 5:38

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion: 264 Resp: 633174
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.2 18.0 27.0

