

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084268.D
 Acq On : 5 Jan 2016 6:26
 Operator : UM/SJ
 Sample : G4990-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jan 05 07:17:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

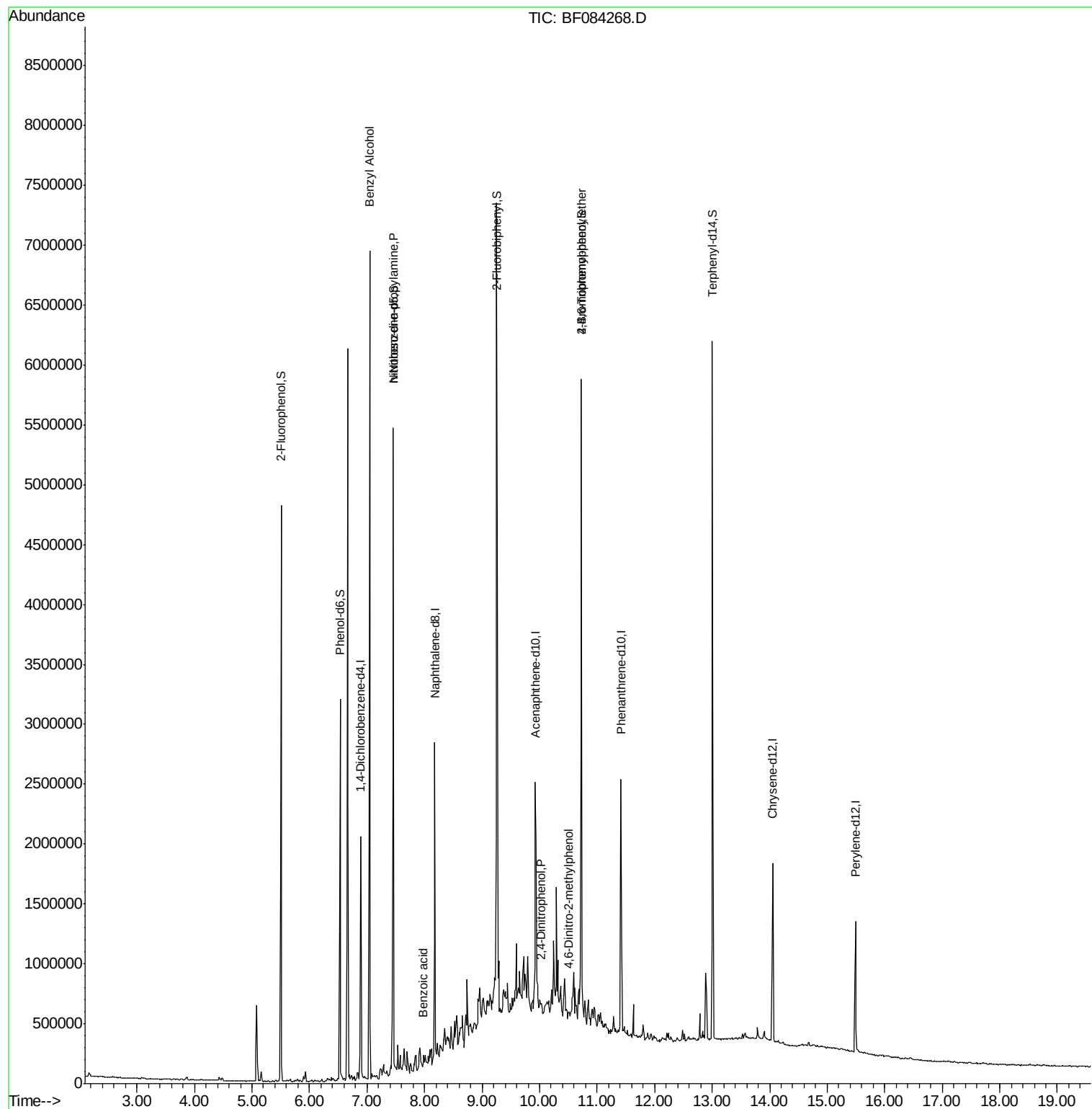
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	264750	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1132577	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	473434	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	799163	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	563244	20.00	ng	-0.01
86) Perylene-d12	15.49	264	529746	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1200699	73.36	ng	0.01
7) Phenol-d6	6.53	99	1057171	51.43	ng	0.00
23) Nitrobenzene-d5	7.46	82	1886862	92.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	632326	132.29	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2839937	107.18	ng	-0.01
78) Terphenyl-d14	13.00	244	1880009	74.51	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.05	79	38789	2.24	ng	# 42
19) n-Nitroso-di-n-propylamine	7.46	70	282222	20.28	ng	# 69
32) Benzoic acid	7.97	122	3972	6.53	ng	# 52
53) 2,4-Dinitrophenol	10.02	184	519	3.71	ng	# 1
54) Dibenzofuran	10.13	168	2604	Below Cal	#	1
57) Fluorene	10.48	166	2590	Below Cal	#	47
60) 4-Chlorophenyl-phenylether	10.45	204	3119	Below Cal	#	23
64) 4,6-Dinitro-2-methylphenol	10.50	198	316	6.47	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	44128	5.13	ng	# 1
73) Di-n-butylphthalate	11.98	149	8095	Below Cal	#	71

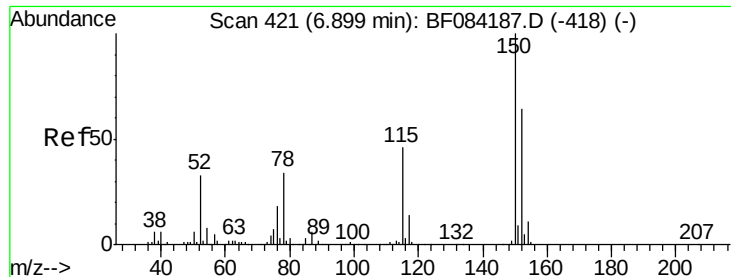
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

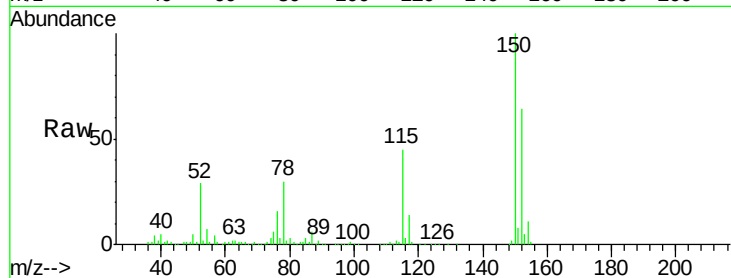
Tgt Ion:152 Resp: 264750

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

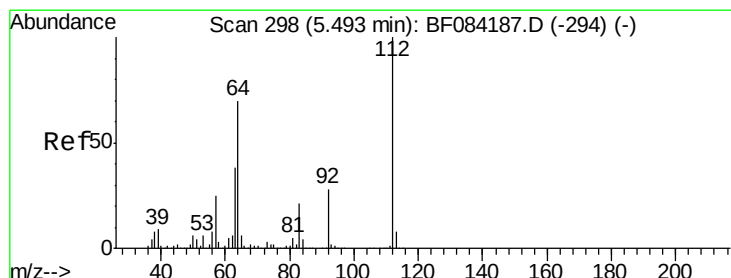
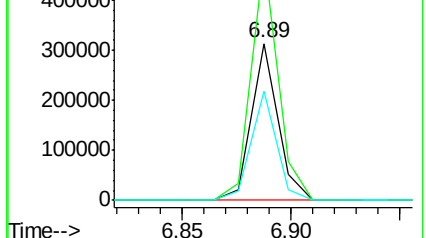
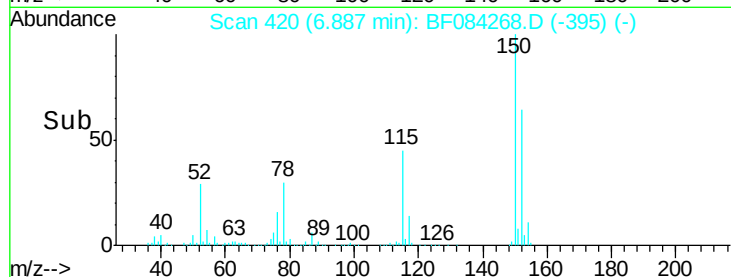
115 69.8 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 73.36 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

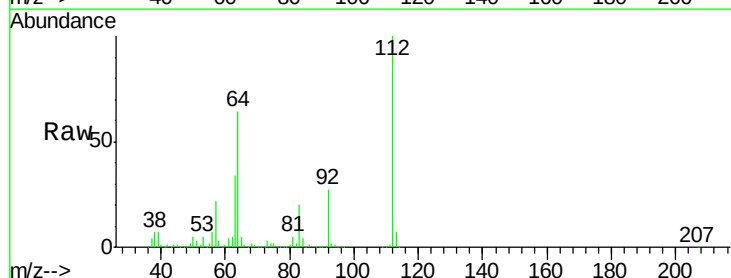
Tgt Ion:112 Resp: 1200699

Ion Ratio Lower Upper

112 100

64 64.2 36.6 55.0#

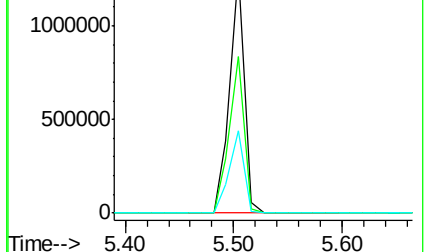
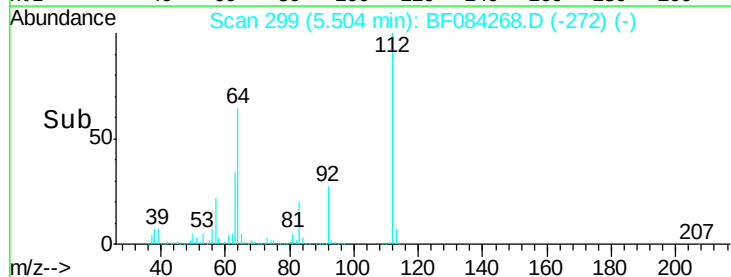
63 33.8 19.4 29.0#

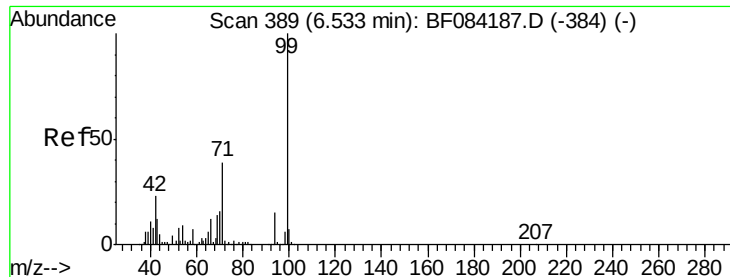


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.43 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

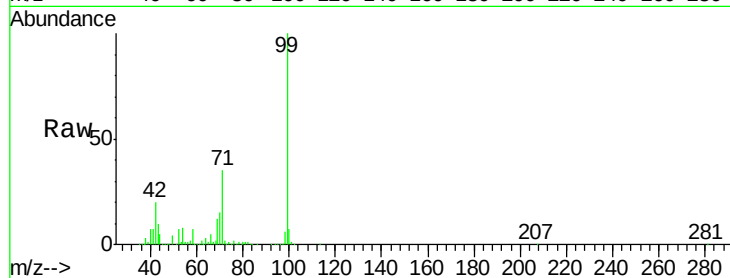
Tgt Ion: 99 Resp: 1057171

Ion Ratio Lower Upper

99 100

42 19.6 12.8 19.2#

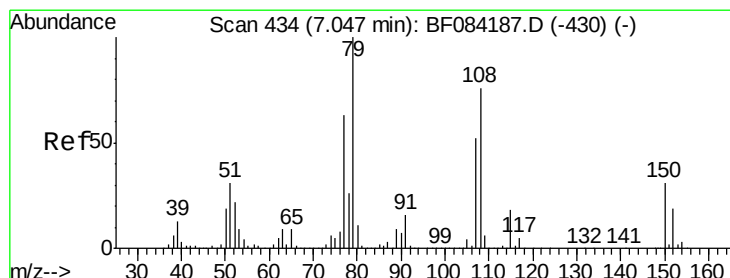
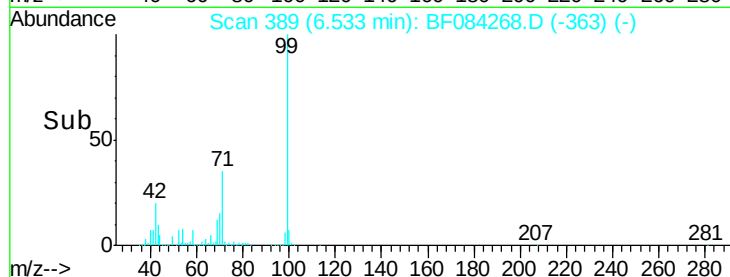
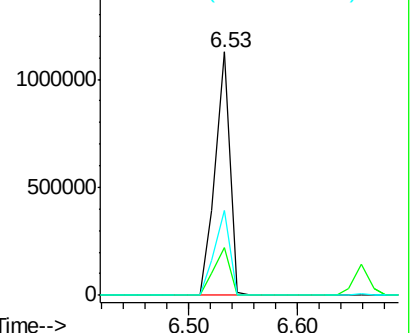
71 34.9 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

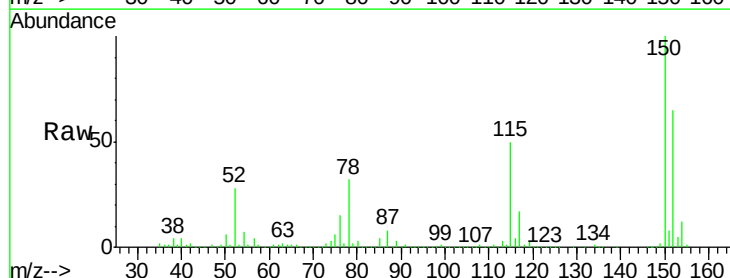
Tgt Ion: 79 Resp: 38789

Ion Ratio Lower Upper

79 100

108 25.1 69.0 103.4#

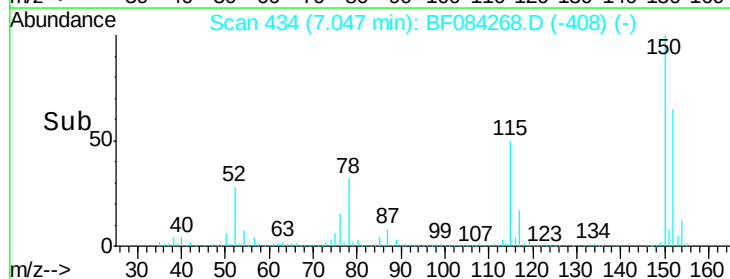
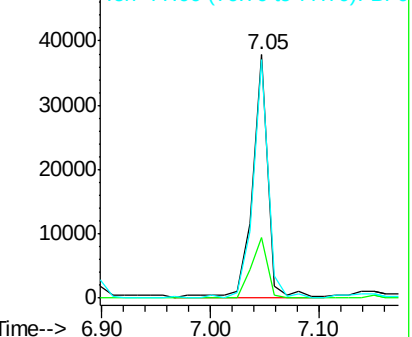
77 97.8 50.0 75.0#

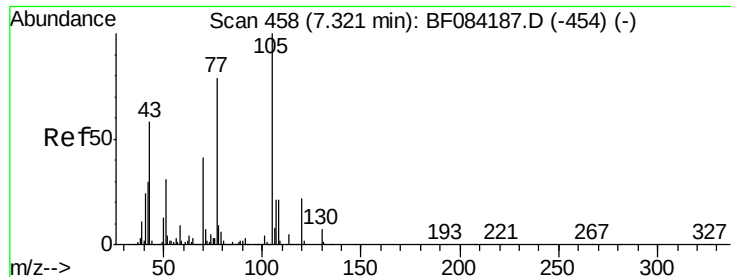


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

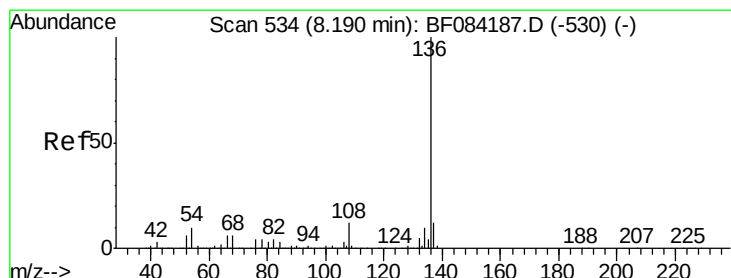
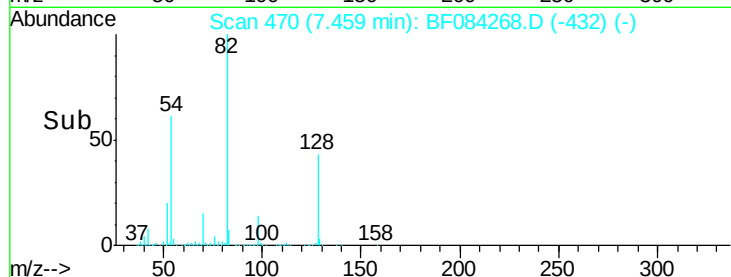
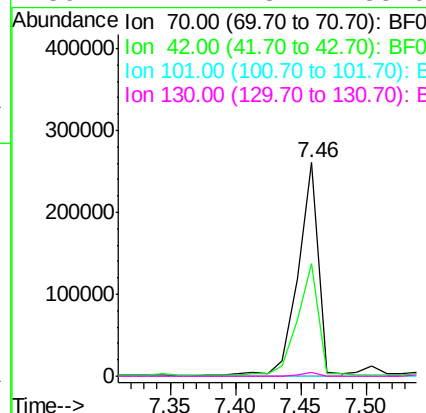
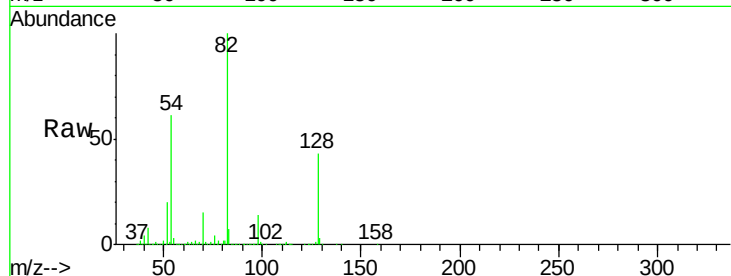




#19
n-Nitroso-di-n-propylamine
Concen: 20.28 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

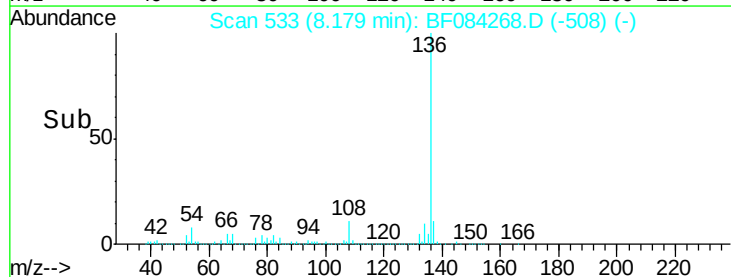
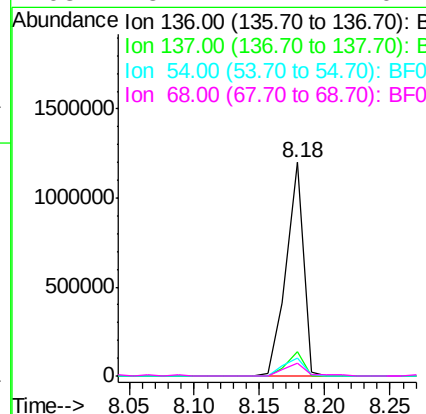
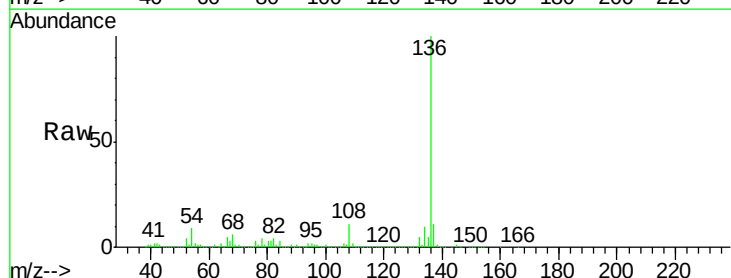
Instrument :
BNA_F
ClientSampleId :
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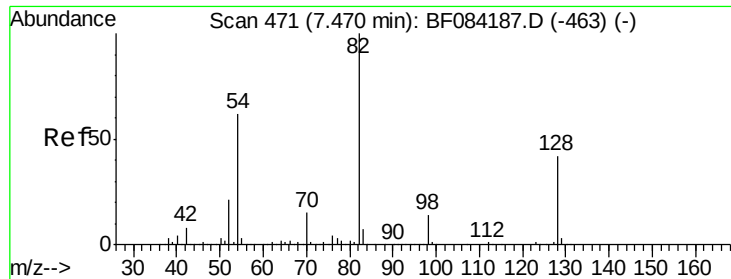
Tgt Ion: 70 Resp: 282222
Ion Ratio Lower Upper
70 100
42 52.9 33.3 49.9#
101 0.0 9.3 13.9#
130 1.7 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

Tgt Ion:136 Resp: 1132577
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 8.5 5.8 8.8
68 5.7 4.2 6.2

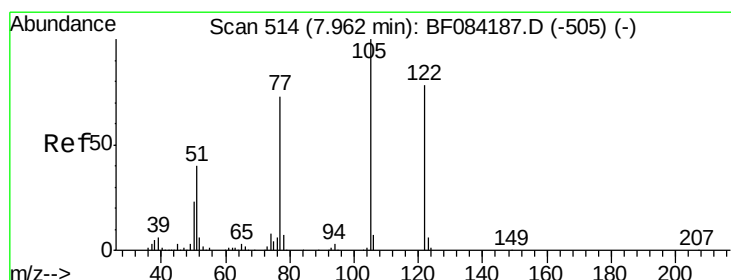
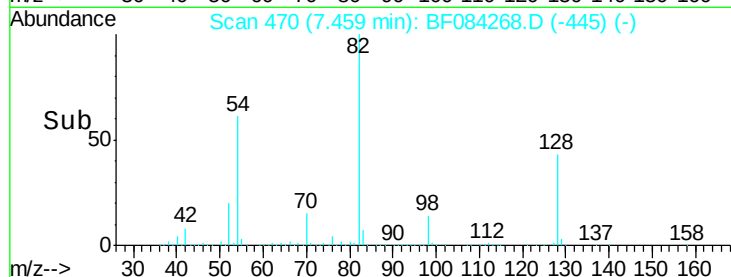
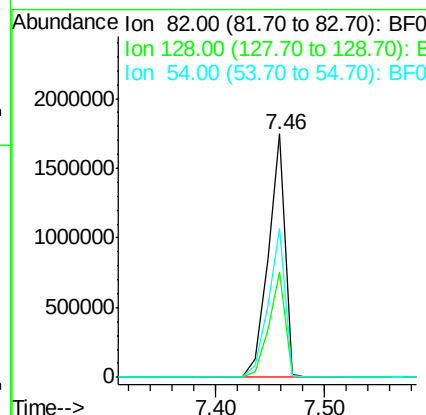
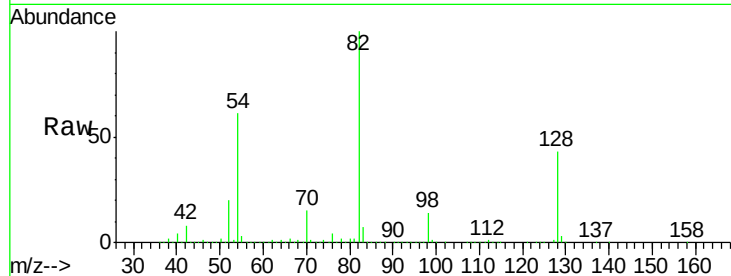




#23
 Nitrobenzene-d5
 Concen: 92.72 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084268.D
 Acq: 5 Jan 2016 6:26

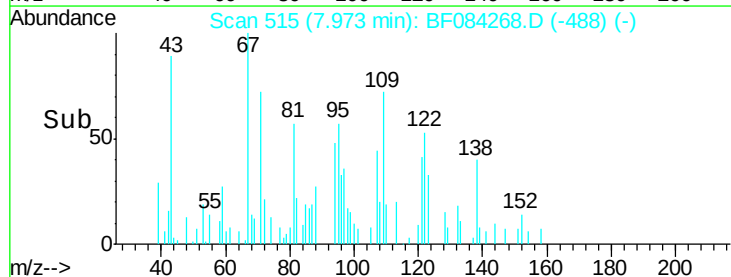
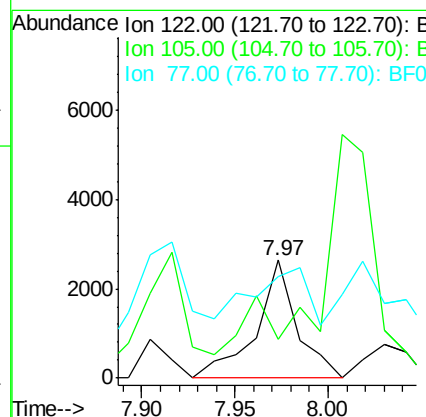
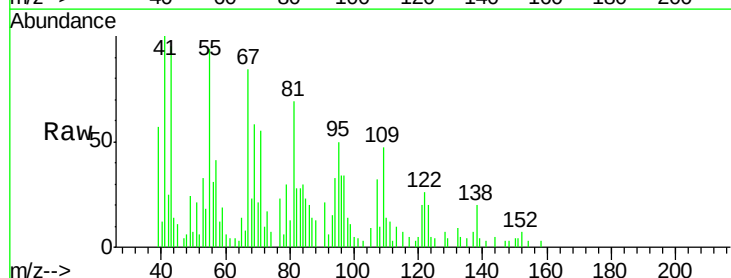
Instrument :
 BNA_F
 ClientSampleId :
 W-38

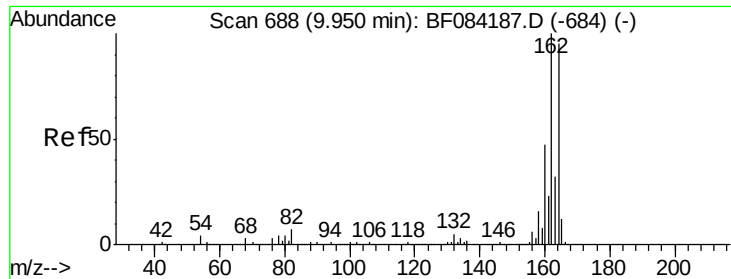
Tgt Ion: 82 Resp: 1886862
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.6 51.8
 54 61.0 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.53 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: BF084268.D
 Acq: 5 Jan 2016 6:26

Tgt Ion: 122 Resp: 3972
 Ion Ratio Lower Upper
 122 100
 105 33.0 100.3 140.3#
 77 86.6 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

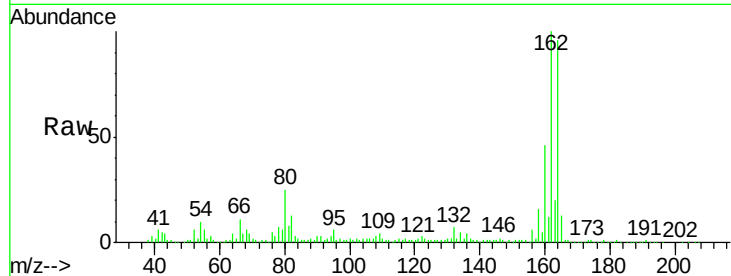
Tgt Ion:164 Resp: 473434

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

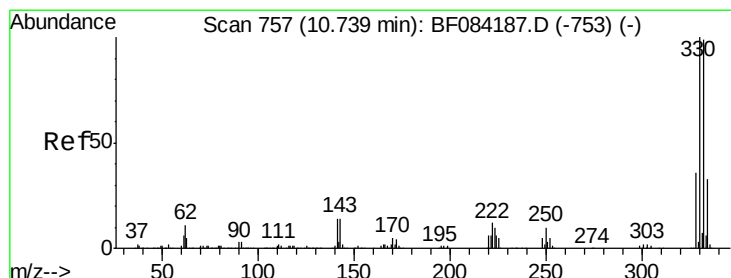
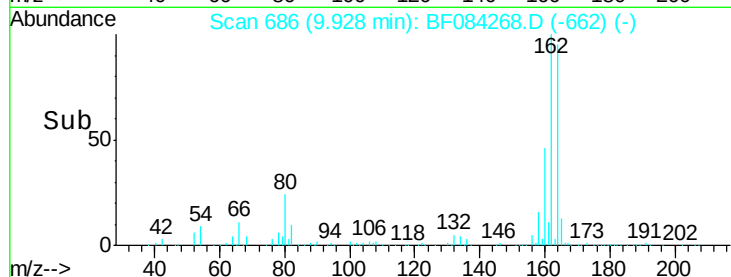
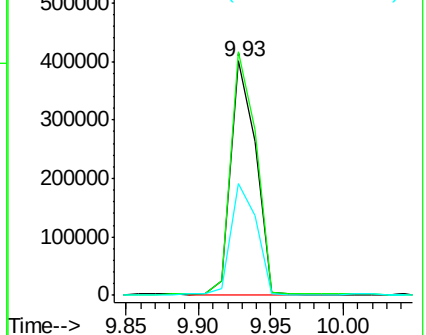
160 47.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 132.29 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

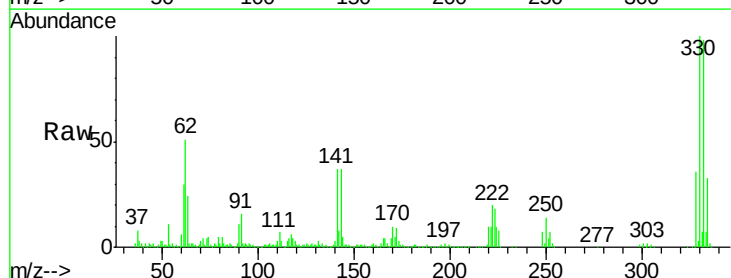
Tgt Ion:330 Resp: 632326

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

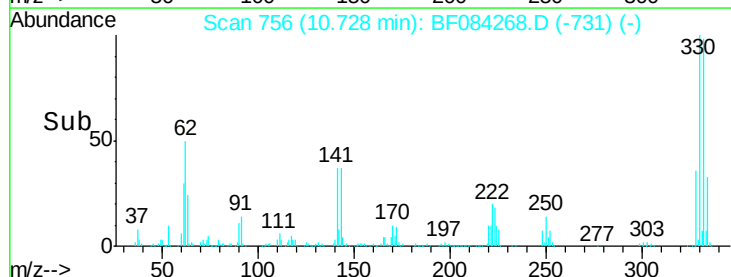
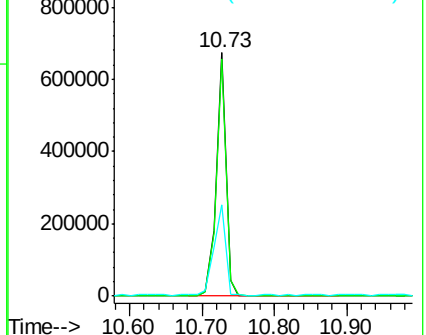
141 43.9 27.8 41.6#

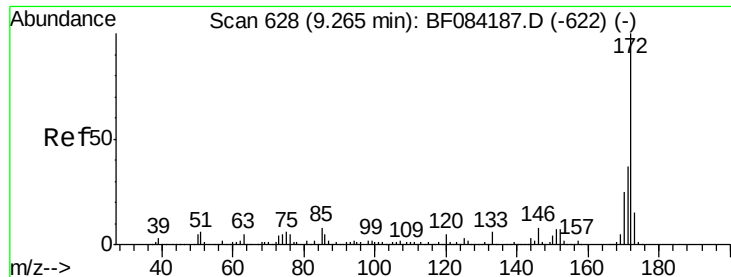


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

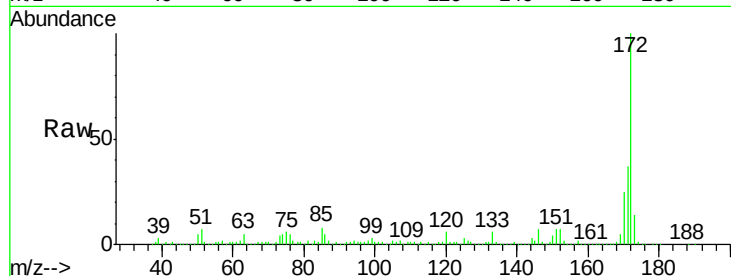




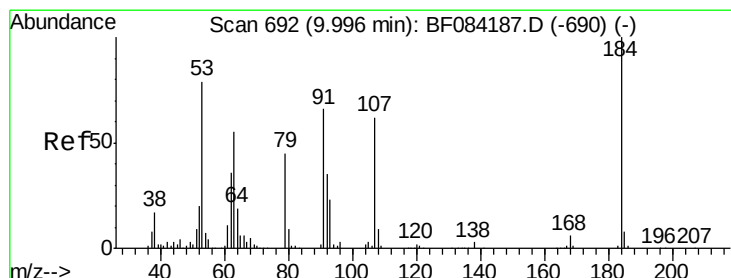
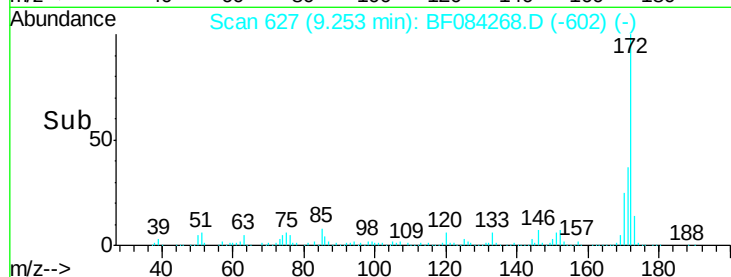
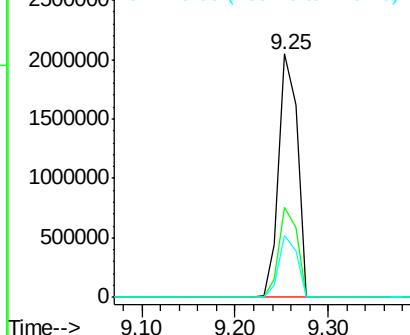
#44
2-Fluorobiphenyl
Concen: 107.18 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 2839937
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 25.2 18.6 27.8

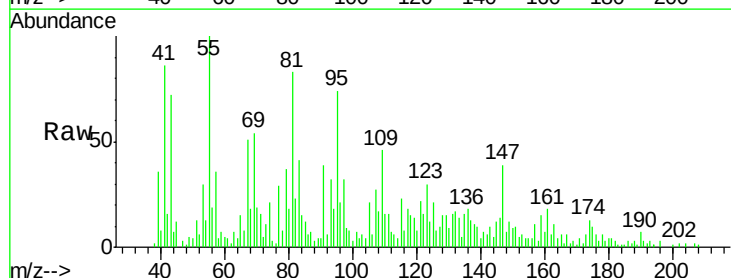


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

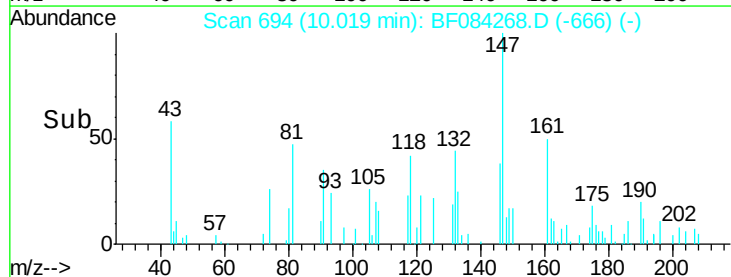
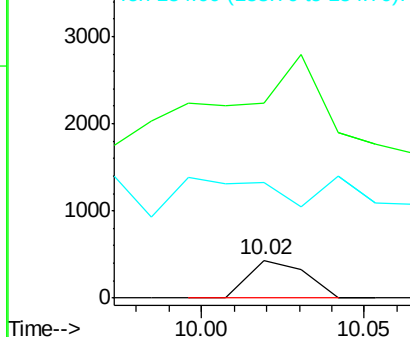


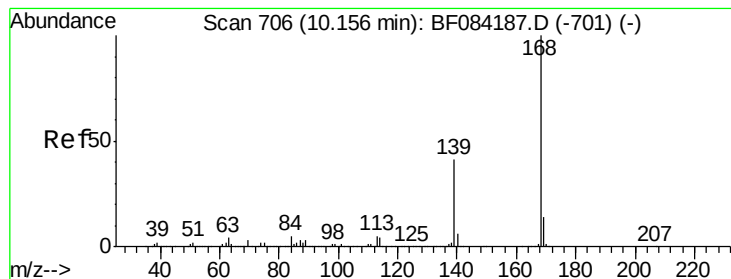
#53
2,4-Dinitrophenol
Concen: 3.71 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

Tgt Ion:184 Resp: 519
Ion Ratio Lower Upper
184 100
63 514.3 43.1 64.7#
154 303.9 60.5 90.7#



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





#54

Dibenzofuran

Concen: Below Cal

RT: 10.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

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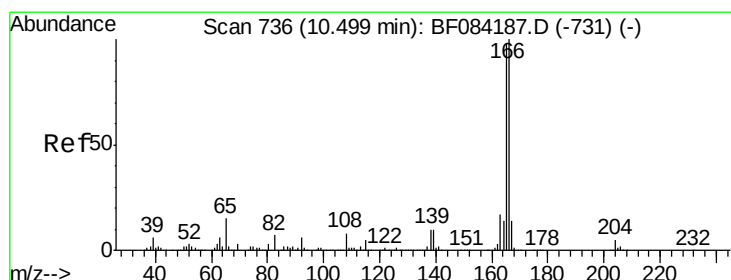
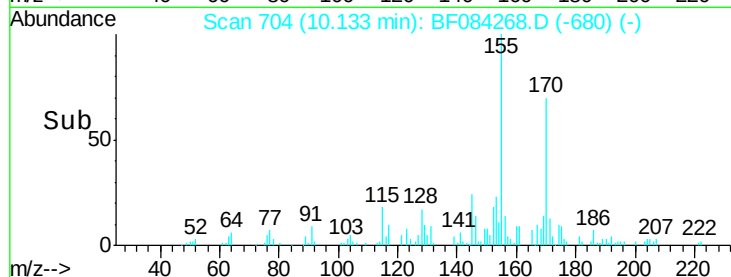
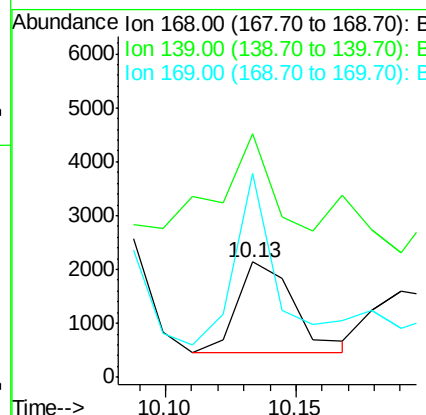
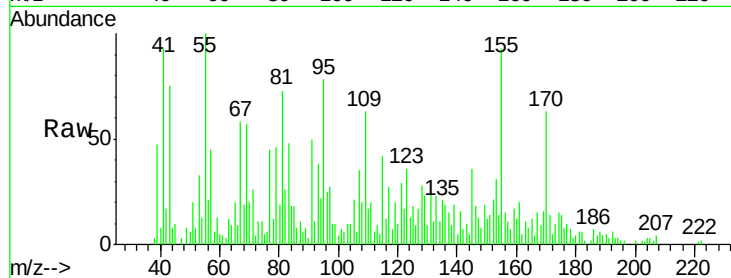
Tgt Ion:168 Resp: 2604

Ion Ratio Lower Upper

168 100

139 210.8 30.5 45.7#

169 176.2 10.4 15.6#



#57

Fluorene

Concen: Below Cal

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

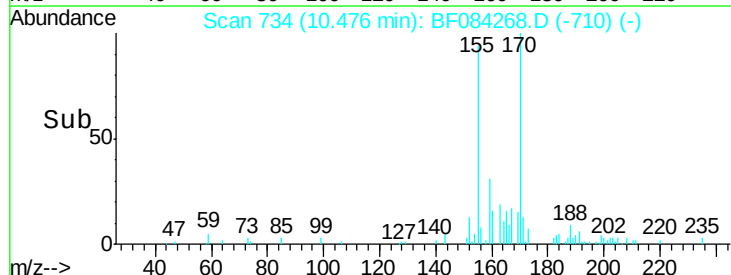
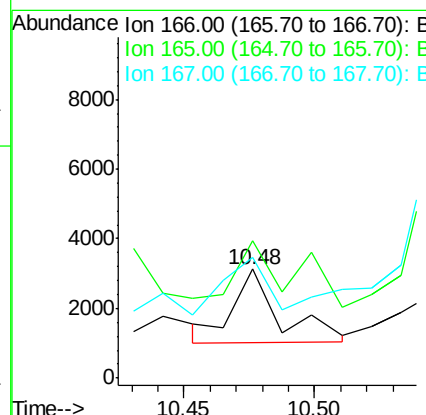
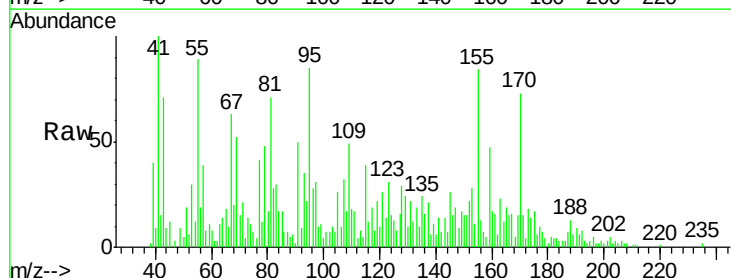
Tgt Ion:166 Resp: 2590

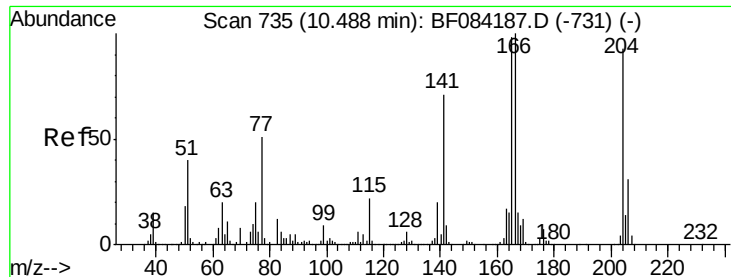
Ion Ratio Lower Upper

166 100

165 126.4 79.1 118.7#

167 110.8 10.4 15.6#





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampled :

W-38

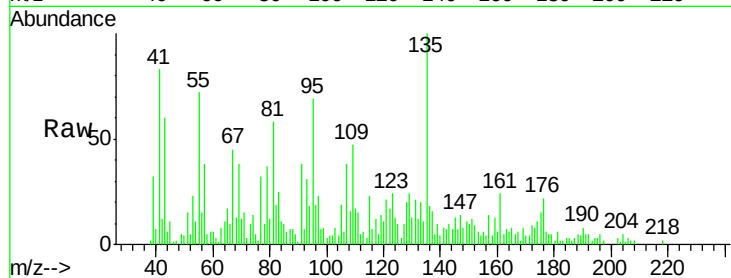
Tgt Ion:204 Resp: 3119

Ion Ratio Lower Upper

204 100

206 47.5 25.7 38.5#

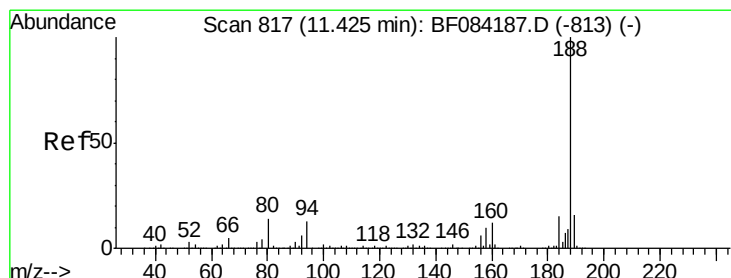
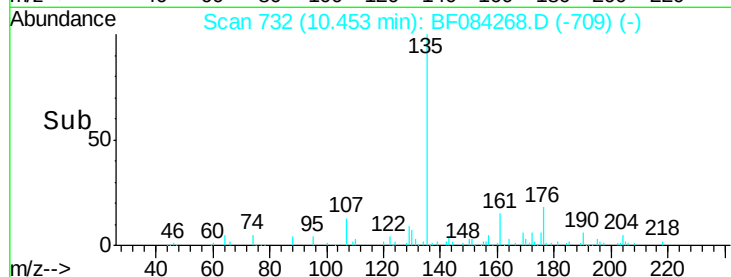
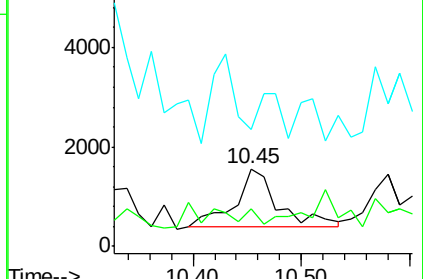
141 150.0 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

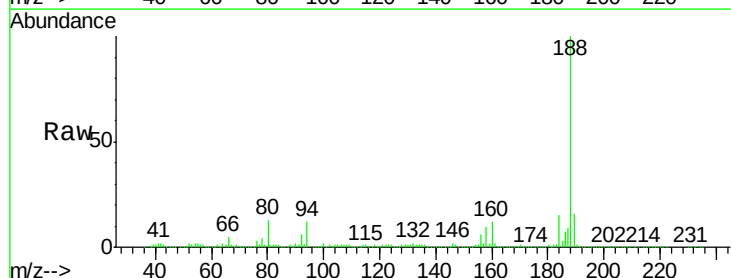
Tgt Ion:188 Resp: 799163

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.4

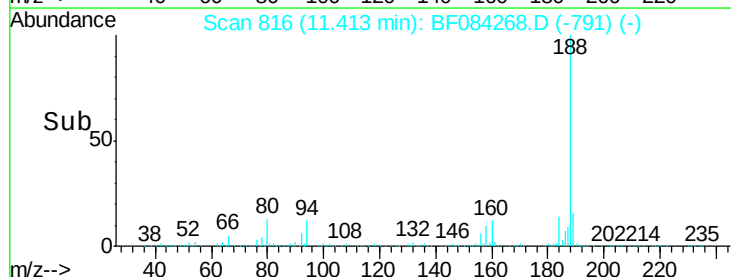
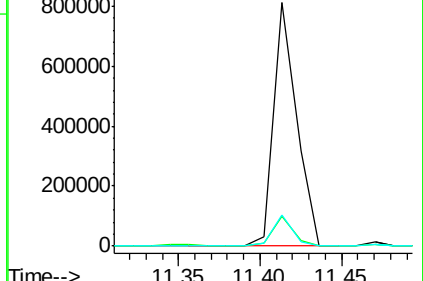
80 12.9 9.6 14.4

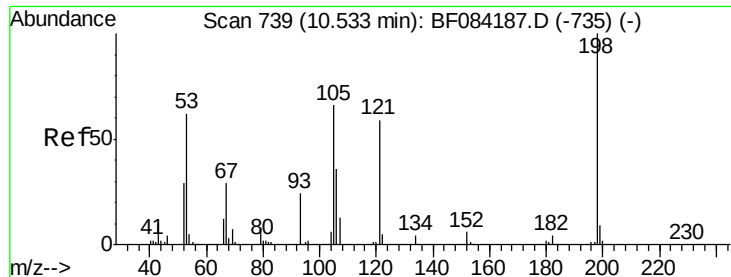


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

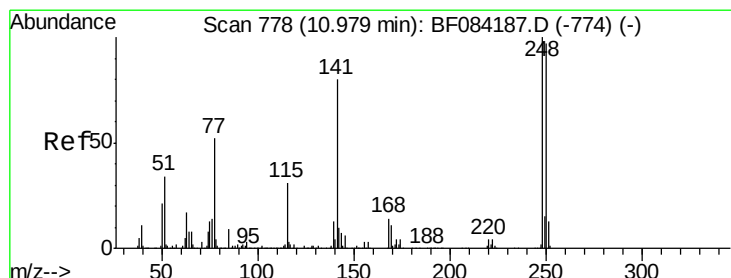
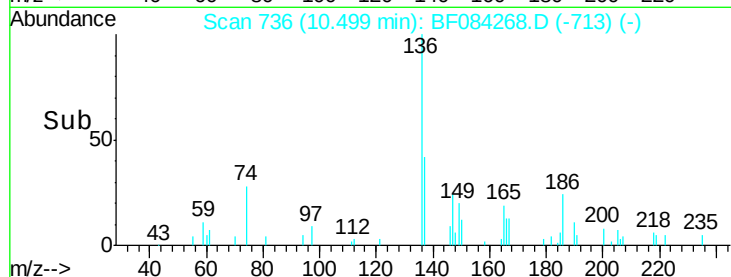
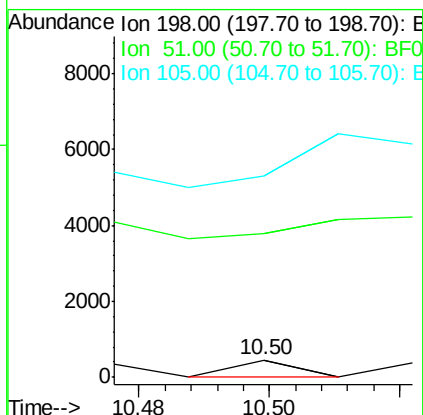
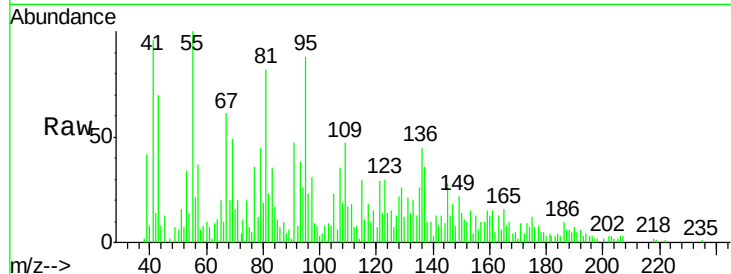




#64
4,6-Dinitro-2-methylphenol
Concen: 6.47 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

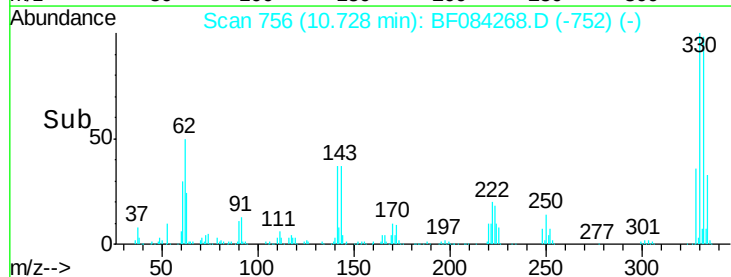
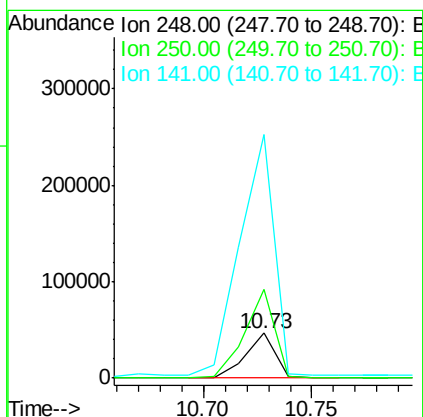
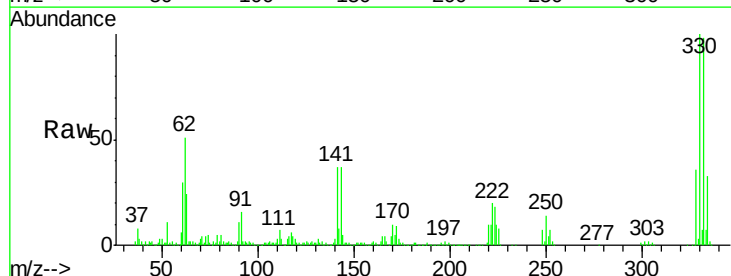
Instrument :
BNA_F
ClientSampleId :
W-38

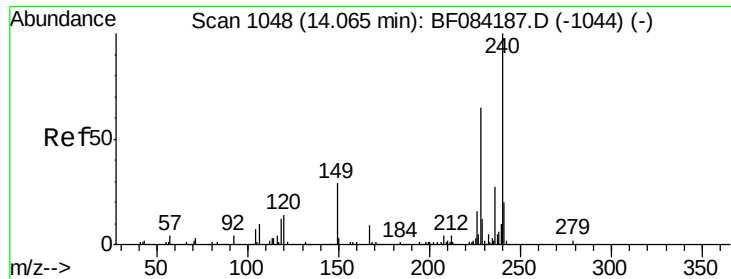
Tgt Ion:198 Resp: 316
Ion Ratio Lower Upper
198 100
51 820.4 18.9 58.9#
105 1153.7 26.4 66.4#



#66
4-Bromophenyl-phenylether
Concen: 5.13 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

Tgt Ion:248 Resp: 44128
Ion Ratio Lower Upper
248 100
250 198.7 78.4 117.6#
141 544.1 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

Instrument :

BNA_F

ClientSampleId :

W-38

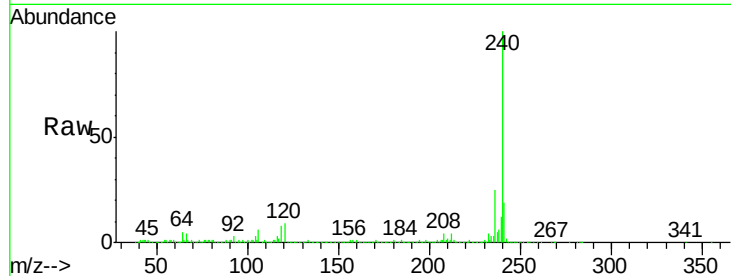
Tgt Ion:240 Resp: 563244

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

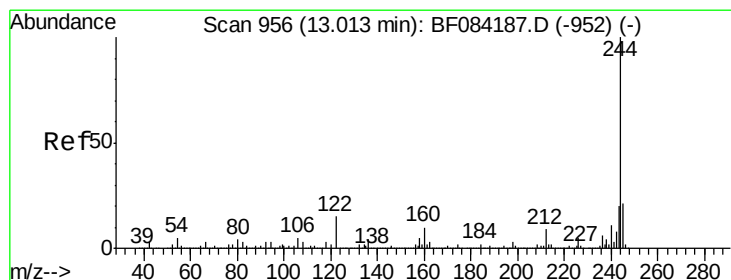
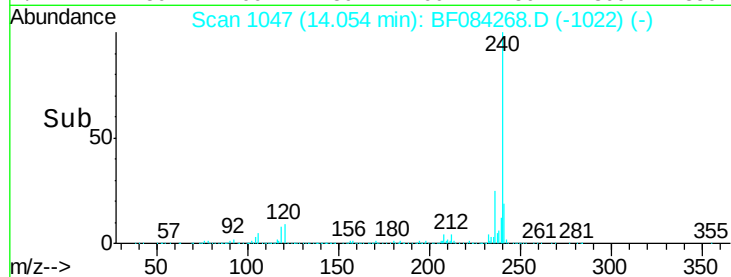
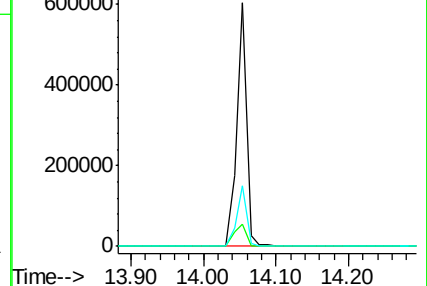
236 25.1 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 74.51 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084268.D

Acq: 5 Jan 2016 6:26

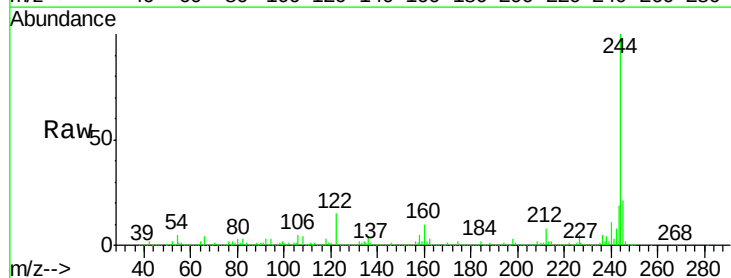
Tgt Ion:244 Resp: 1880009

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

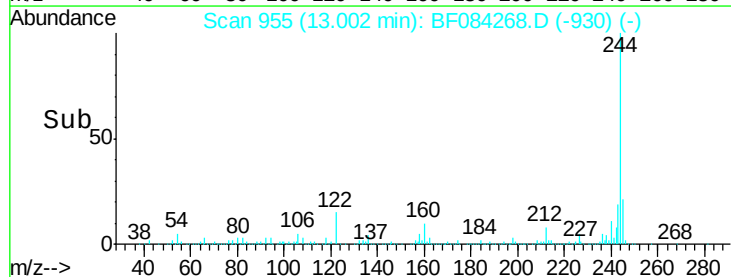
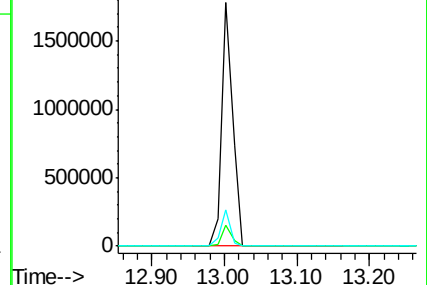
122 14.8 7.4 11.0#

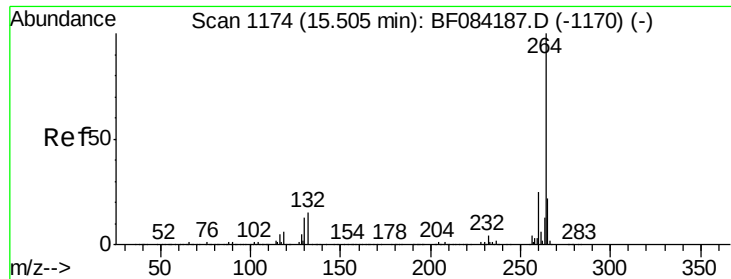


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BF084268.D
Acq: 5 Jan 2016 6:26

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion: 264 Resp: 529746
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.6 17.8 26.6

