

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088167.D
 Acq On : 19 Jun 2016 7:38
 Operator : UM/SJ
 Sample : H3628-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jun 20 00:57:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

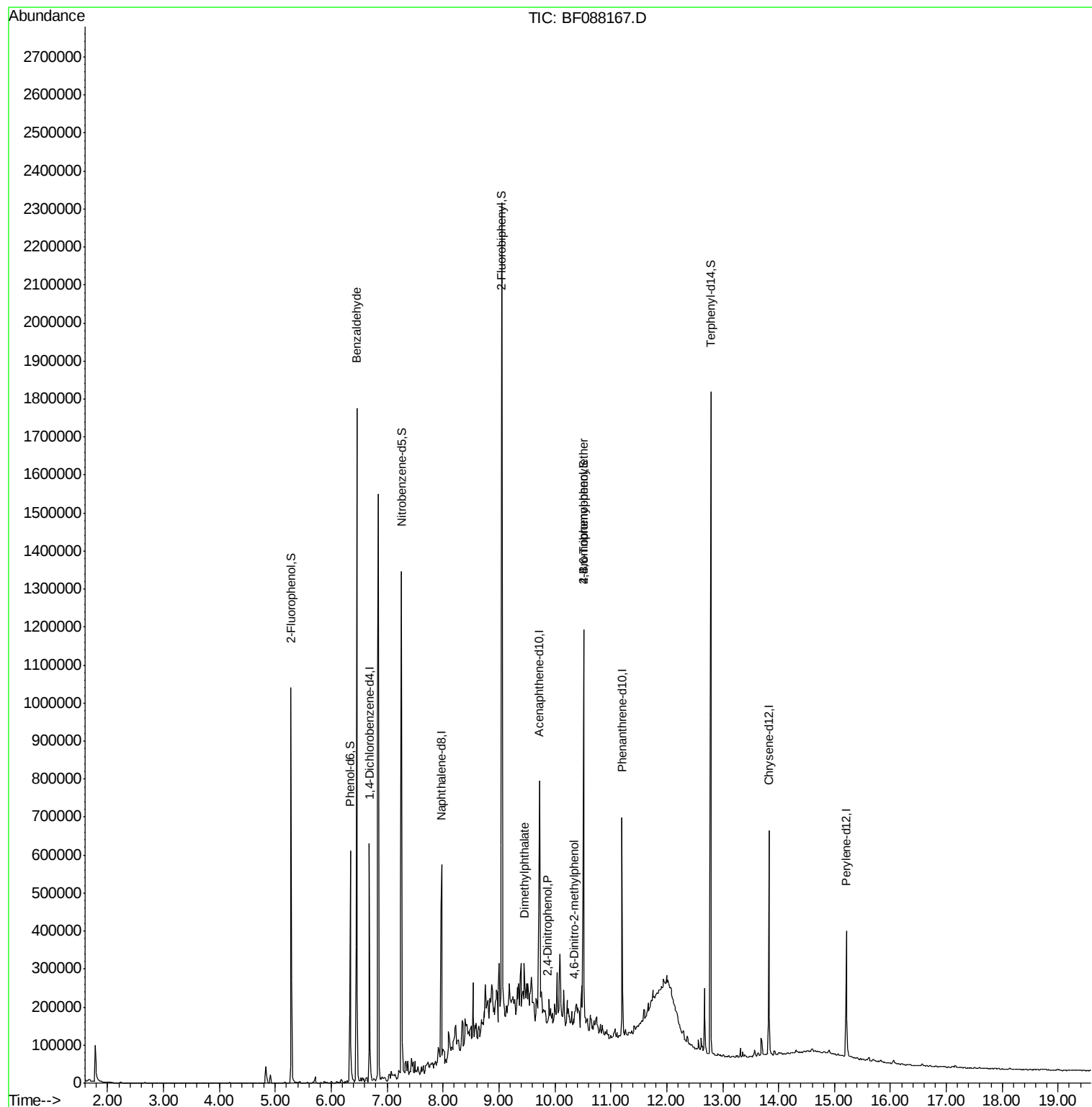
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92230	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	319874	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	129093	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	203505	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	181534	20.00	ng	-0.02
86) Perylene-d12	15.21	264	135636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	315614	58.50	ng	0.00
7) Phenol-d6	6.34	99	248396	37.99	ng	-0.01
23) Nitrobenzene-d5	7.26	82	465524	84.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	126060	92.48	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	708526	86.31	ng	-0.02
78) Terphenyl-d14	12.79	244	607625	76.17	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	11269	2.52	ng	# 71
10) Phenol	6.35	94	1254	Below Cal		# 1
45) 1,1'-Biphenyl	9.16	154	226	Below Cal		# 1
49) Dimethylphthalate	9.45	163	27319	2.92	ng	96
53) 2,4-Dinitrophenol	9.87	184	362	3.49	ng	# 72
57) Fluorene	10.26	166	485	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.34	198	238	2.34	ng	# 1
66) 4-Bromophenyl-phenylether	10.51	248	8944	4.10	ng	# 1

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

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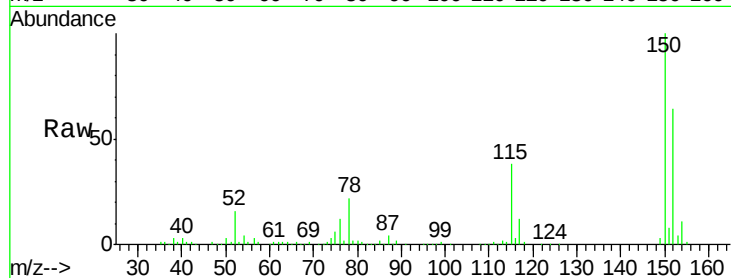


#1

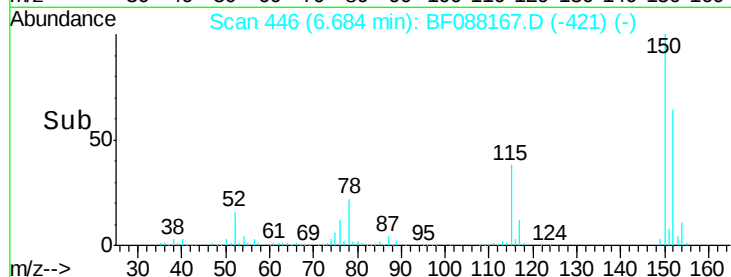
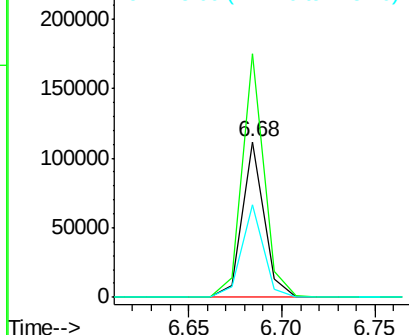
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 92230
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.8 185.6
 115 59.5 39.6 59.4#



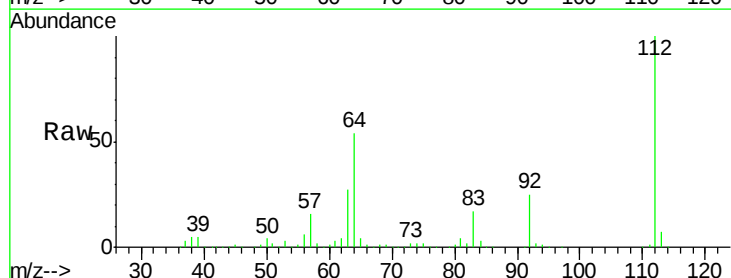
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



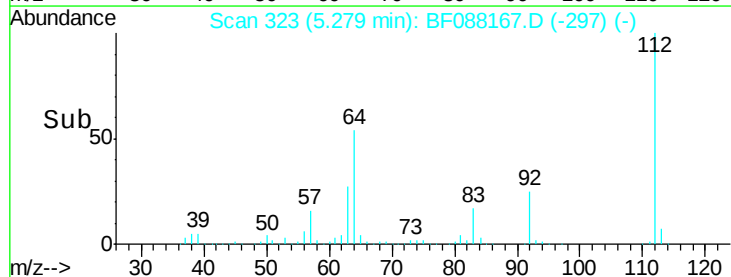
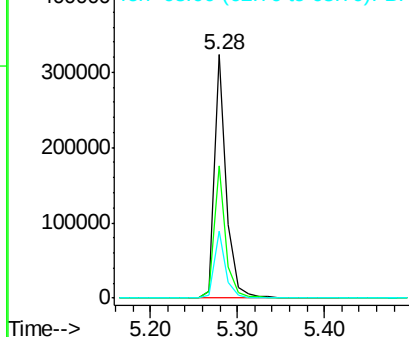
#5

2-Fluorophenol
 Concen: 58.50 ng
 RT: 5.28 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Tgt Ion:112 Resp: 315614
 Ion Ratio Lower Upper
 112 100
 64 54.4 42.2 63.2
 63 27.5 21.8 32.8



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: 37.99 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

ClientSampleId :

W-38

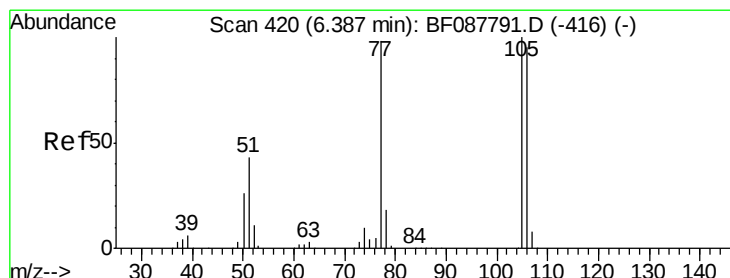
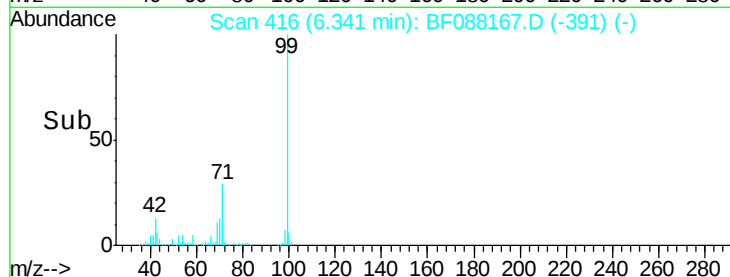
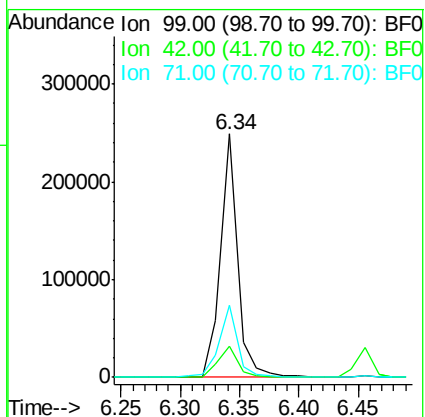
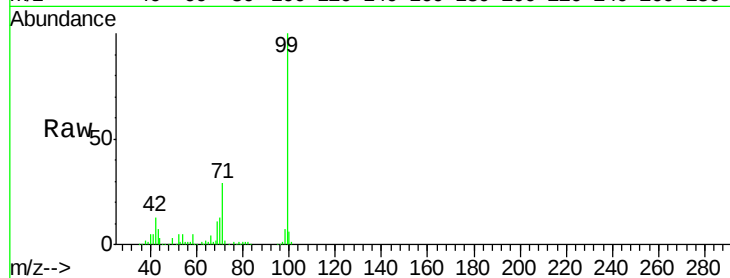
Tgt Ion: 99 Resp: 248396

Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.2

71 29.4 23.4 35.0



#9

Benzaldehyde

Concen: 2.52 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.22 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

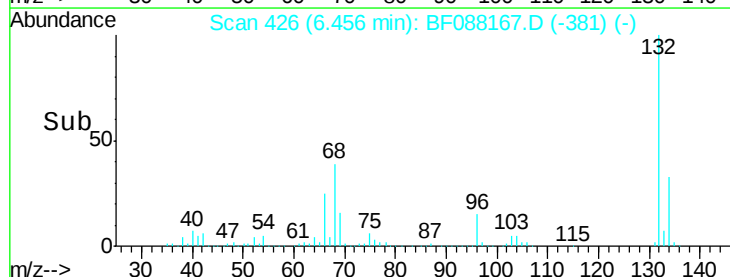
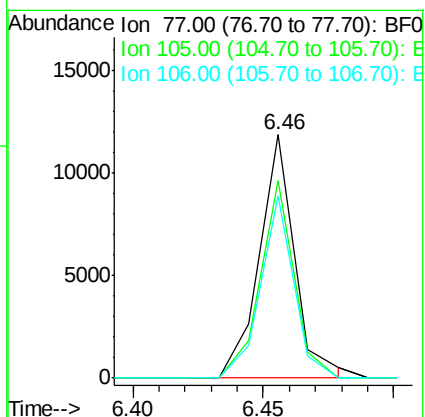
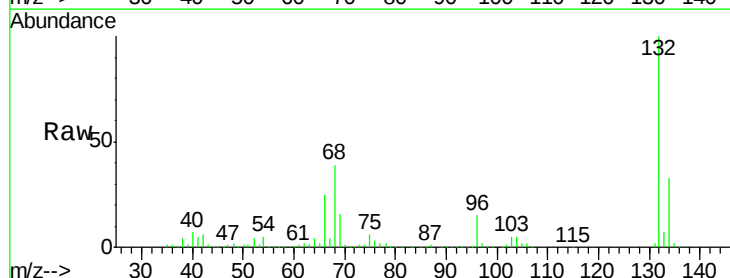
Tgt Ion: 77 Resp: 11269

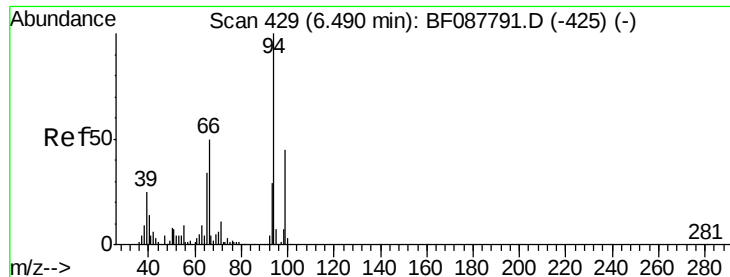
Ion Ratio Lower Upper

77 100

105 81.1 90.6 130.6#

106 75.0 85.3 125.3#





#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

ClientSampleId :

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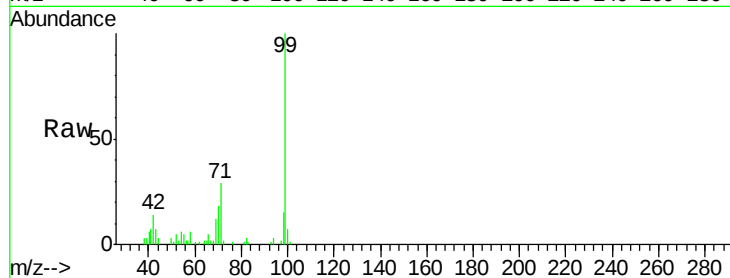
Tgt Ion: 94 Resp: 1254

Ion Ratio Lower Upper

94 100

65 60.5 5.9 45.9#

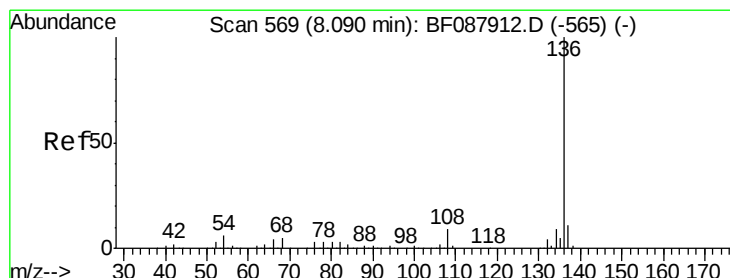
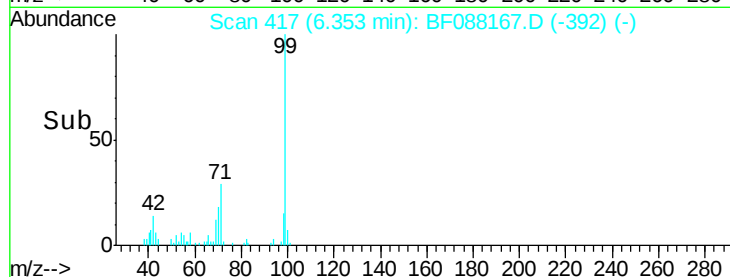
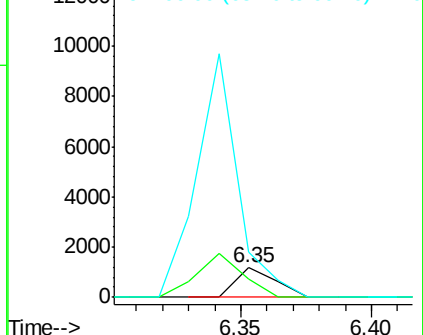
66 153.6 14.0 54.0#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Tgt Ion: 136 Resp: 319874

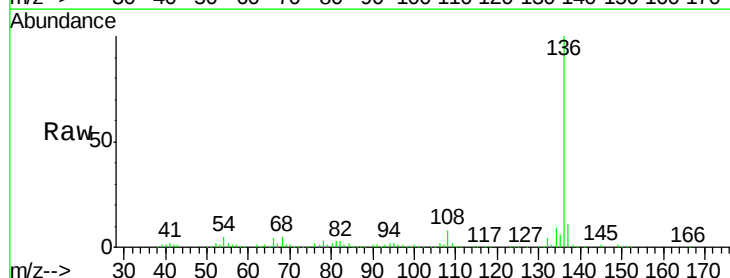
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.3 6.6 10.0#

68 5.1 5.1 7.7#

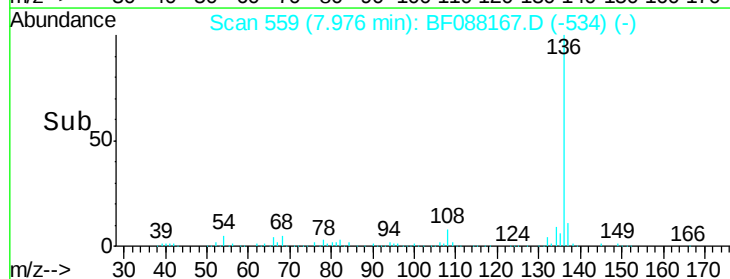
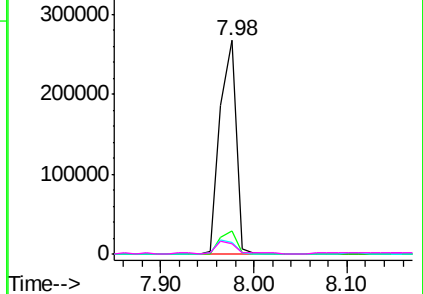


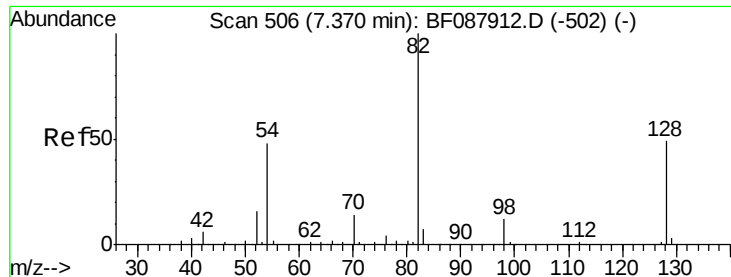
Abundance Ion 136.00 (135.70 to 136.70): E

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

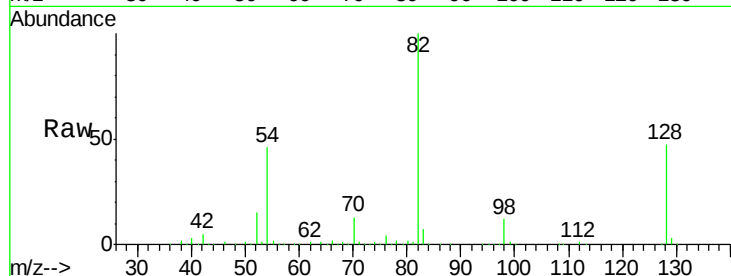




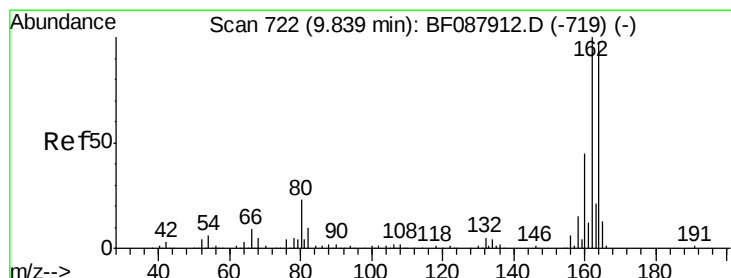
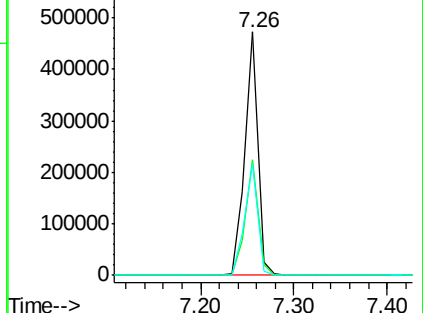
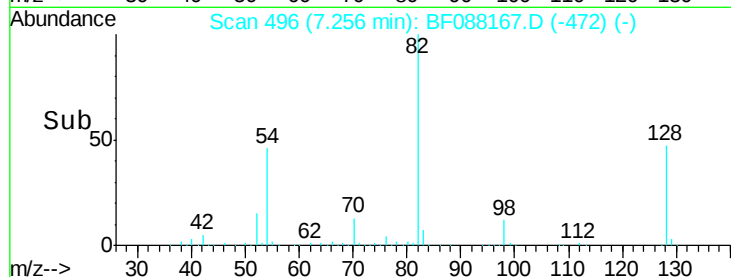
#23
 Nitrobenzene-d5
 Concen: 84.98 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Instrument :
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Tgt Ion: 82 Resp: 465524
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.9 53.9
 54 45.8 40.9 61.3

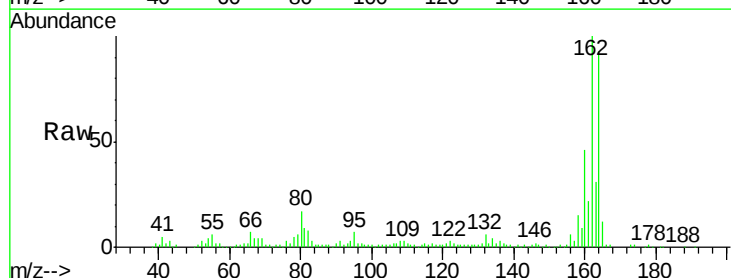


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

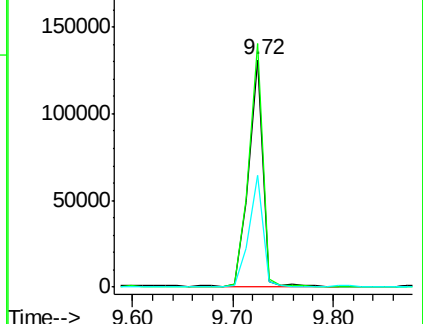
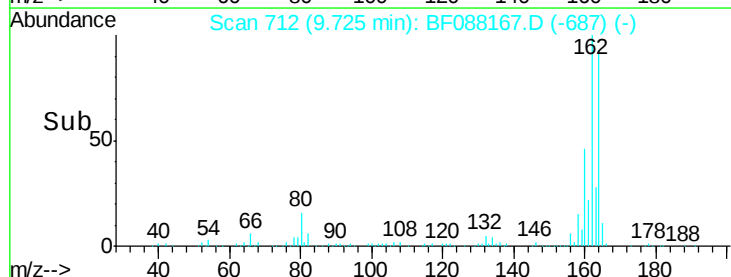


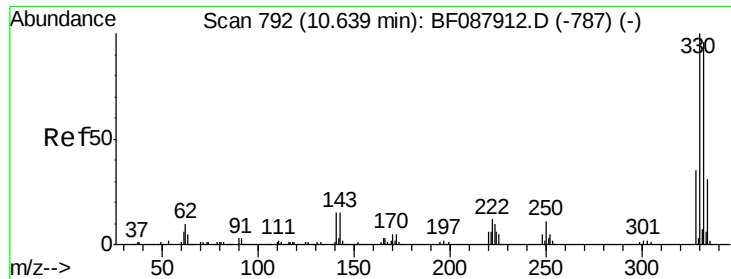
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Tgt Ion: 164 Resp: 129093
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 49.1 39.5 59.3



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

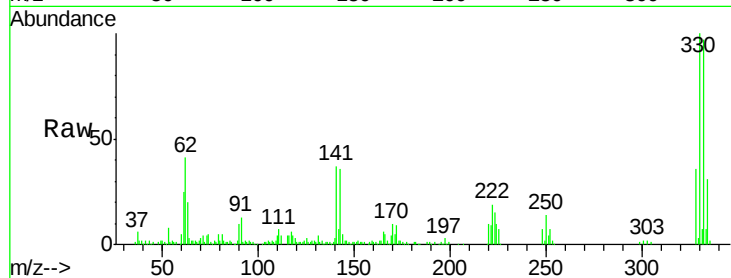




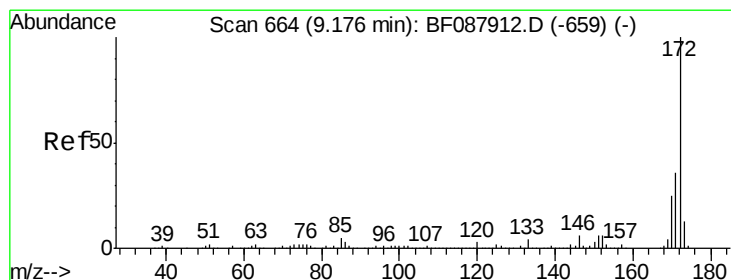
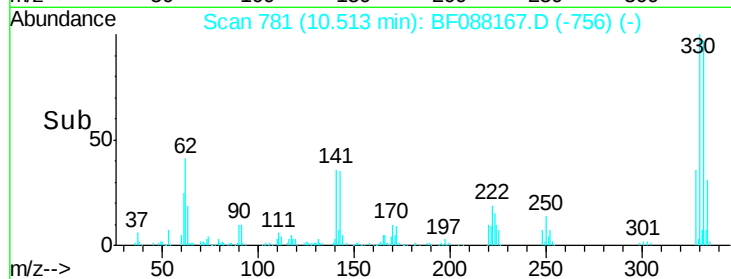
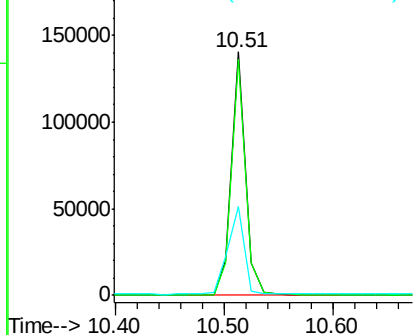
#41
 2,4,6-Tribromophenol
 Concen: 92.48 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	126060		
332	96.6	0.0	0.0	0.0
141	42.2	0.0	0.0	0.0

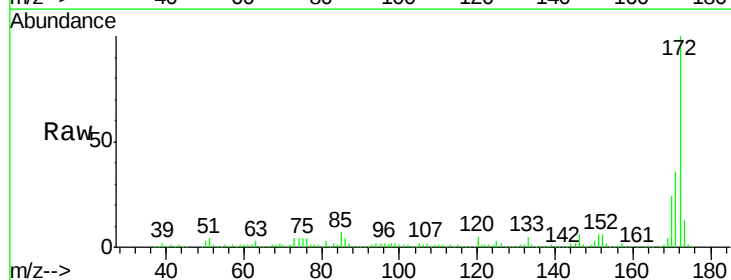


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

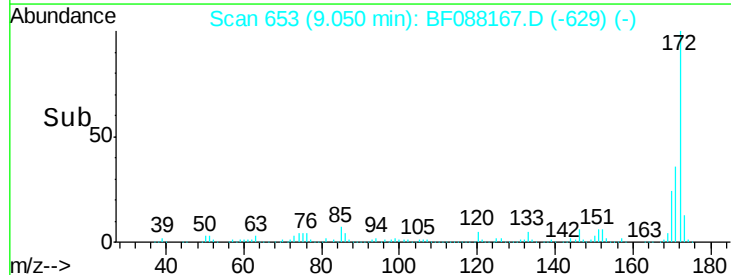
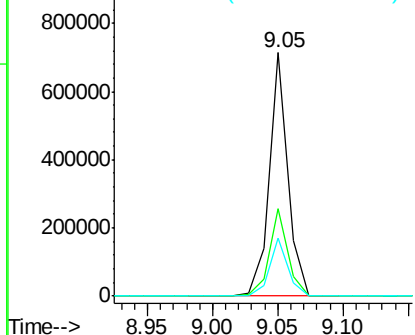


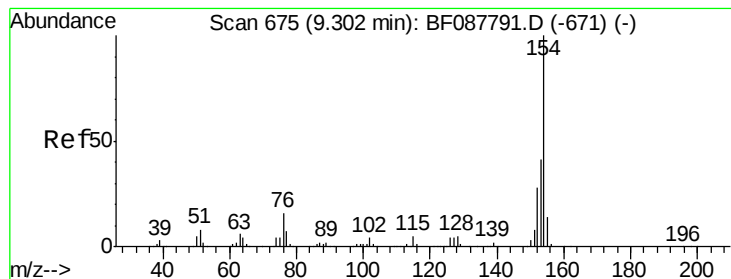
#44
 2-Fluorobiphenyl
 Concen: 86.31 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	708526		
171	35.7	28.6	43.0	
170	23.8	19.2	28.8	



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: Below Cal

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

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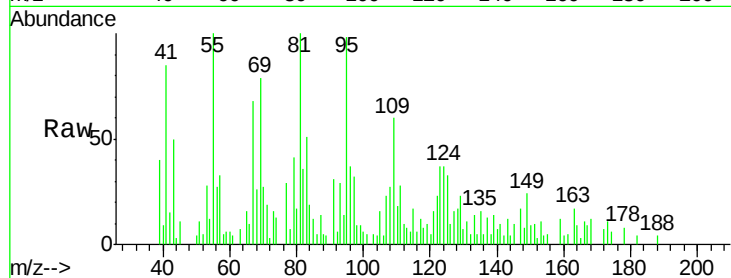
Tgt Ion:154 Resp: 226

Ion Ratio Lower Upper

154 100

153 310.3 20.6 60.6#

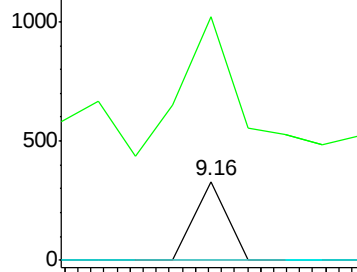
76 0.0 0.0 35.1



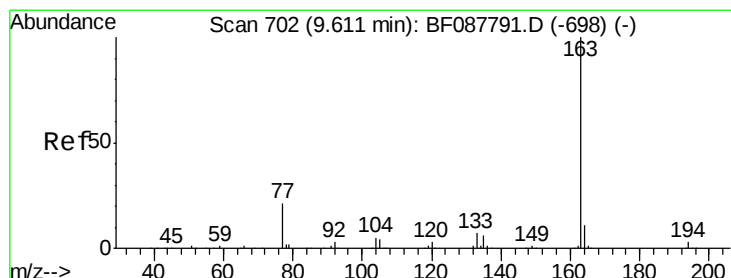
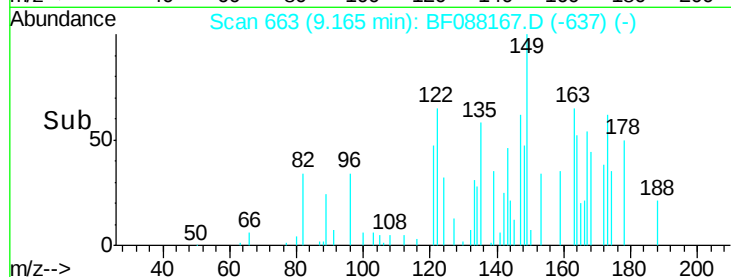
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time-->



#49

Dimethylphthalate

Concen: 2.92 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

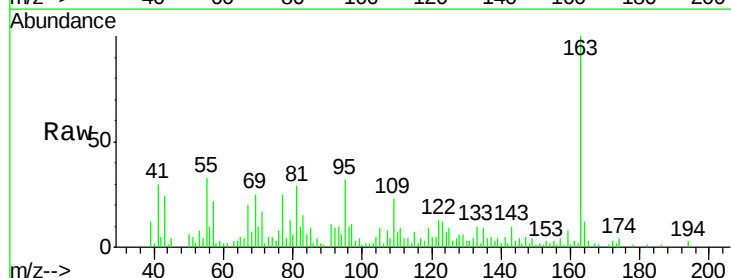
Tgt Ion:163 Resp: 27319

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

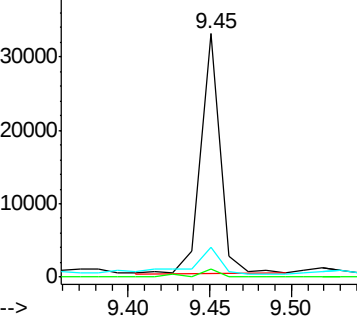
164 12.2 8.3 12.5



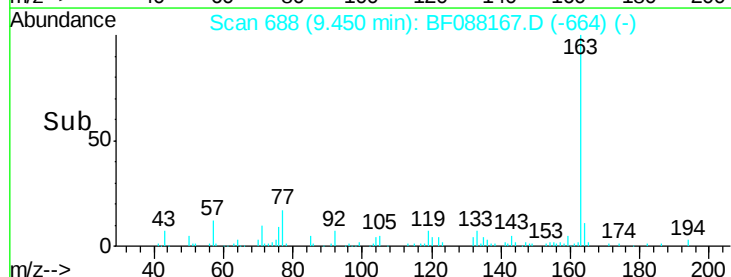
Abundance Ion 163.00 (162.70 to 163.70): E

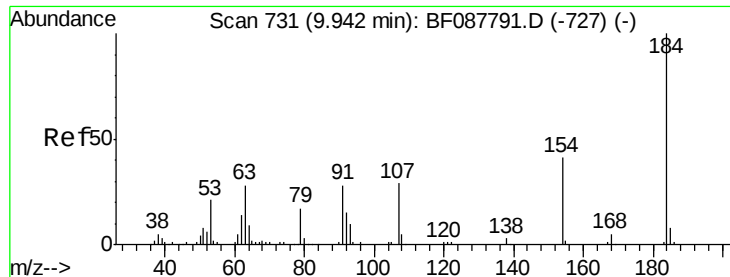
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

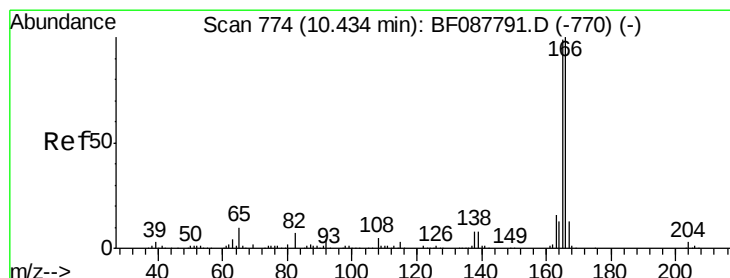
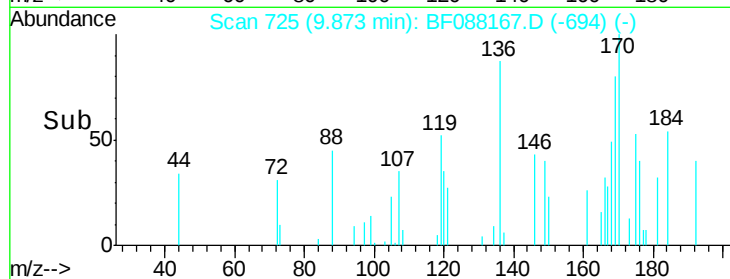
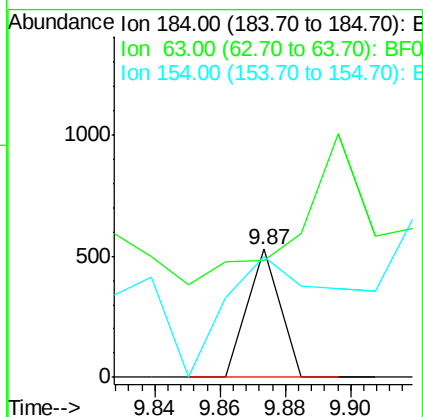
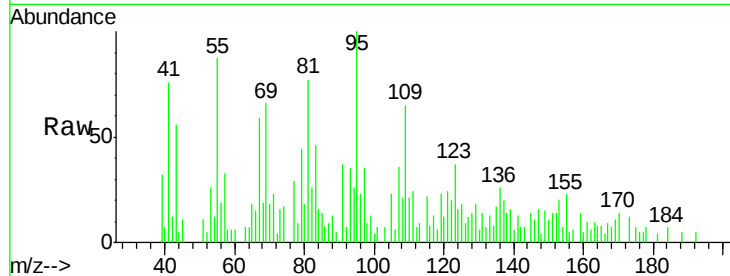




#53
2,4-Dinitrophenol
Concen: 3.49 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.06 min
Lab File: BF088167.D
Acq: 19 Jun 2016 7:38

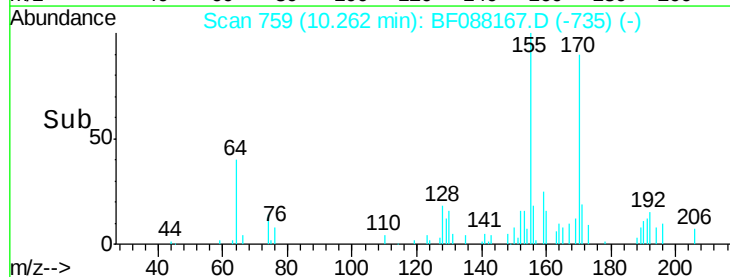
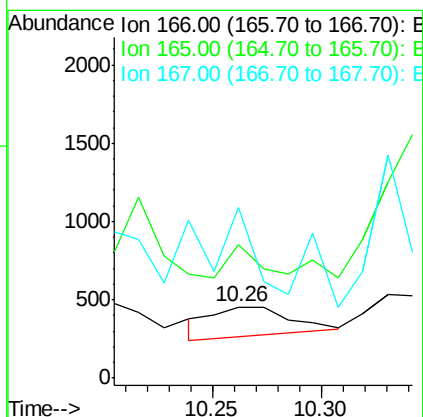
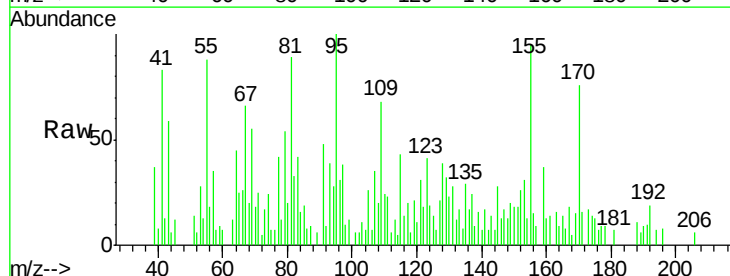
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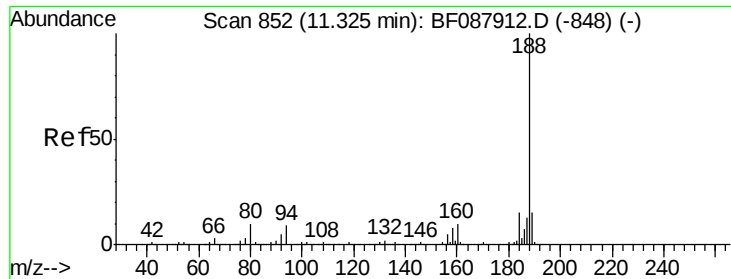
Tgt Ion:184 Resp: 362
Ion Ratio Lower Upper
184 100
63 91.1 57.6 86.4#
154 94.1 53.5 80.3#



#57
Fluorene
Concen: Below Cal
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088167.D
Acq: 19 Jun 2016 7:38

Tgt Ion:166 Resp: 485
Ion Ratio Lower Upper
166 100
165 187.6 77.8 116.8#
167 239.7 11.2 16.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

ClientSampleId :

W-38

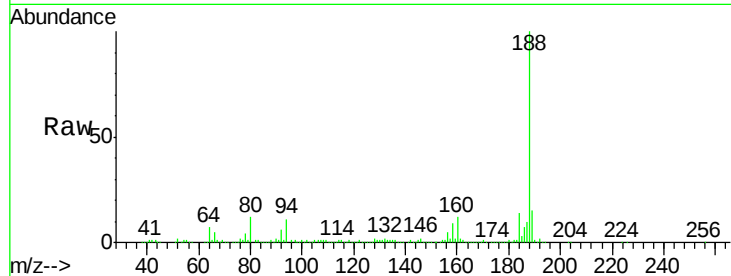
Tgt Ion:188 Resp: 203505

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.6

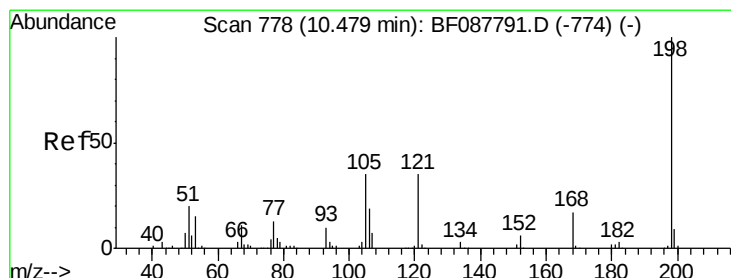
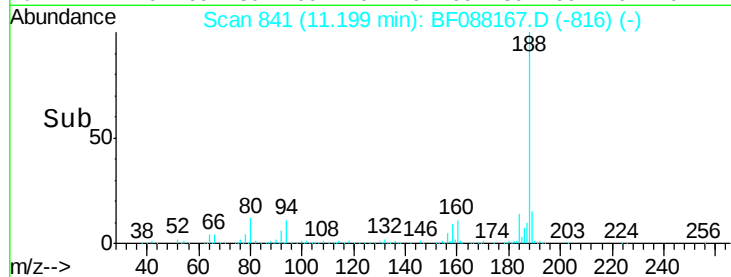
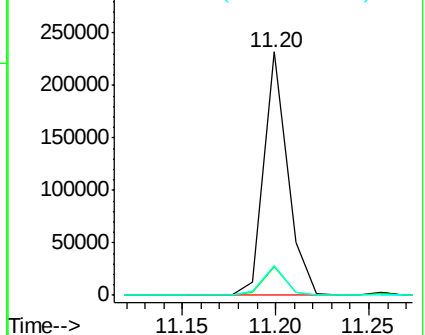
80 12.2 10.0 15.0



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: 2.34 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

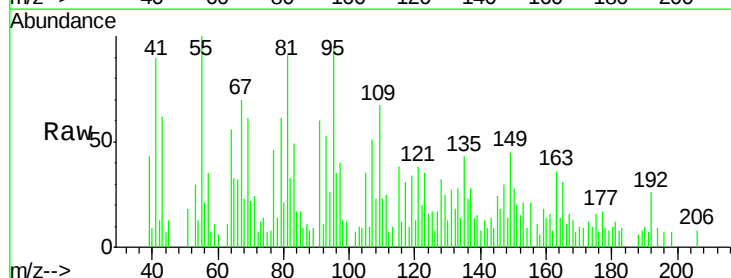
Tgt Ion:198 Resp: 238

Ion Ratio Lower Upper

198 100

51 261.7 39.6 79.6#

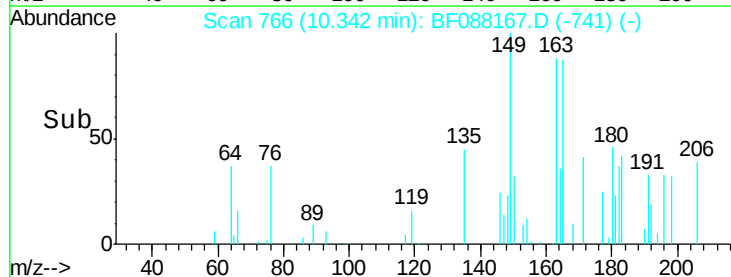
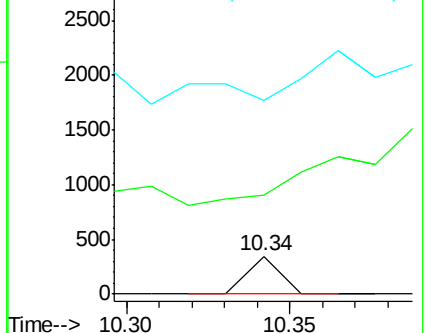
105 508.9 36.6 76.6#



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





#66

4-Bromophenyl-phenylether

Concen: 4.10 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.25 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

ClientSampleId :

W-38

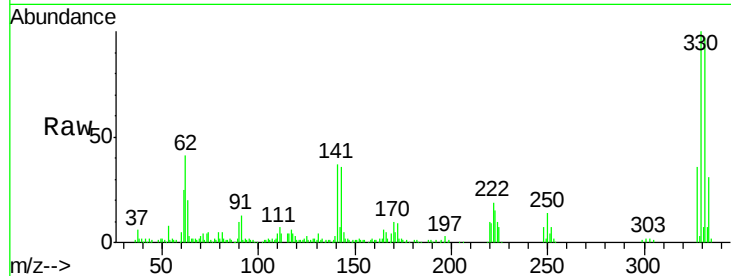
Tgt Ion:248 Resp: 8944

Ion Ratio Lower Upper

248 100

250 190.5 77.1 115.7#

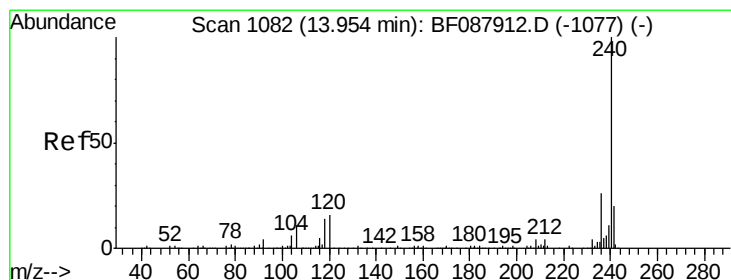
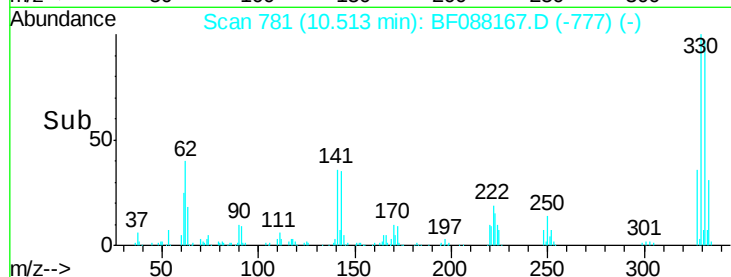
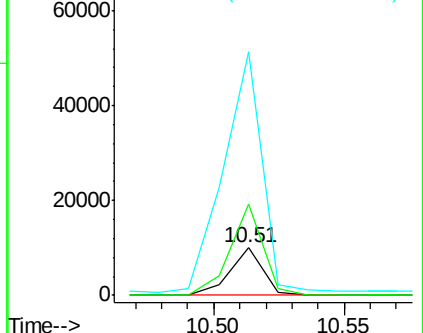
141 510.2 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

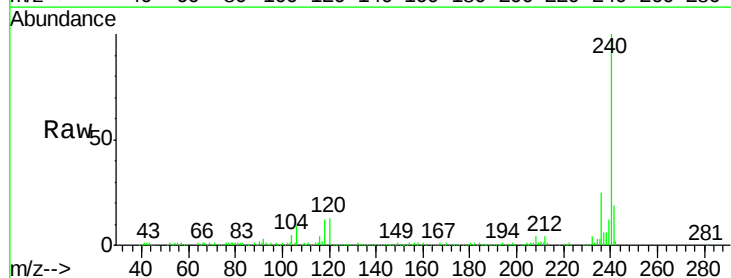
Tgt Ion:240 Resp: 181534

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

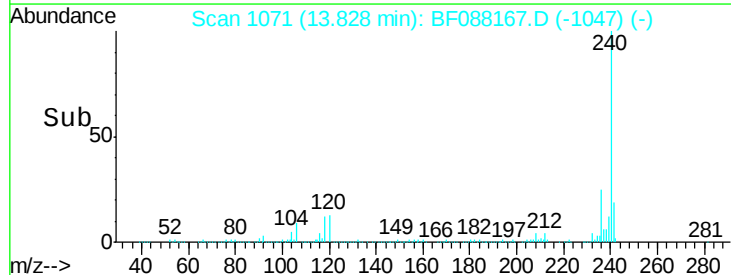
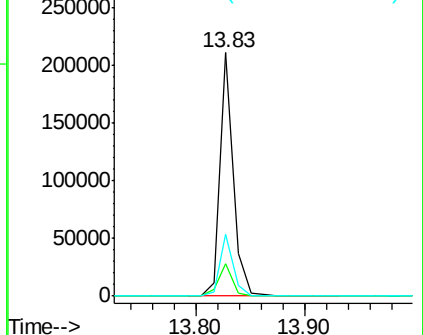
236 25.4 20.2 30.2

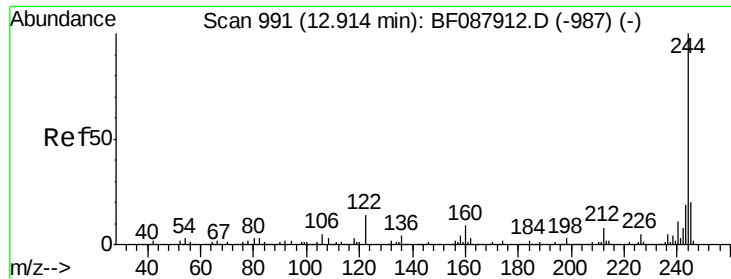


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

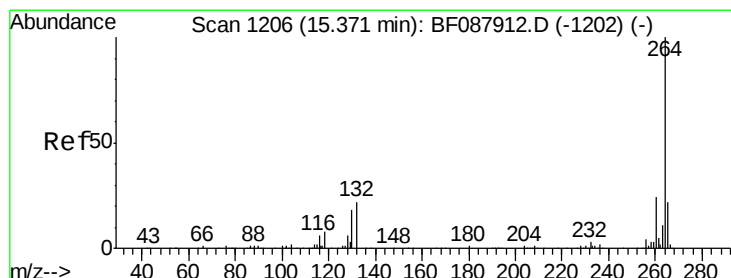
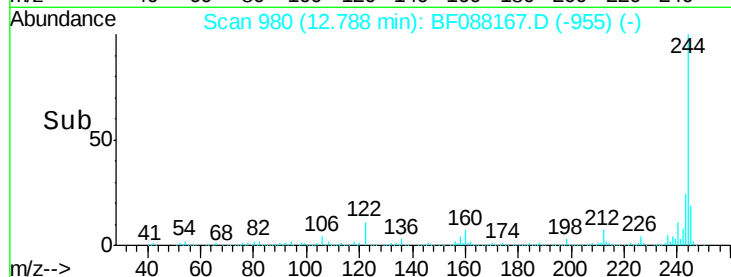
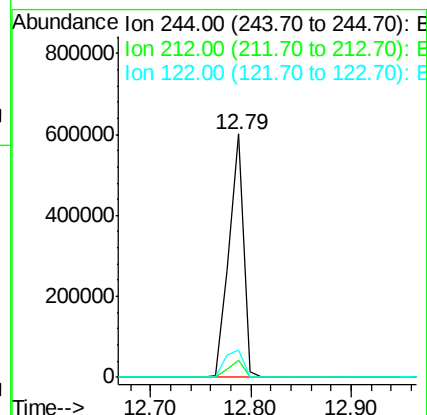
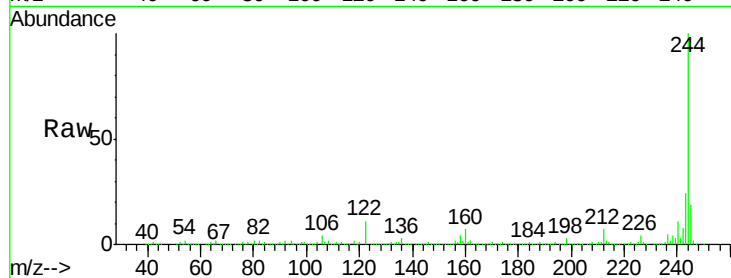




#78
 Terphenyl-d14
 Concen: 76.17 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Tgt Ion:244 Resp: 607625
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.1 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Tgt Ion:264 Resp: 135636
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.7 16.9 25.3

