

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080009.D
 Acq On : 17 Jun 2015 3:04
 Operator : TP/IZ
 Sample : G2474-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Quant Time: Jun 17 05:27:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

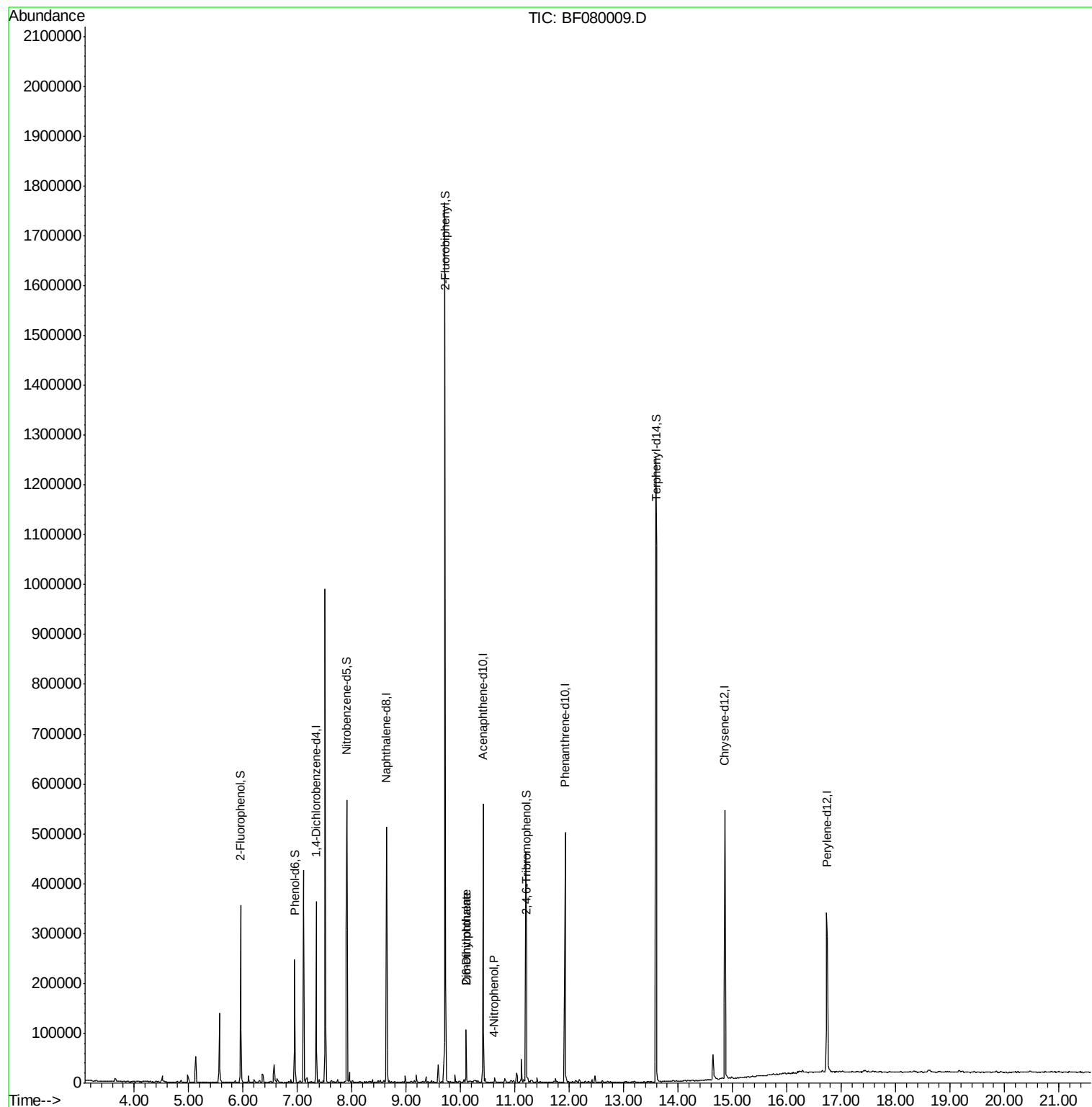
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	48071	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	200079	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	100354	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	206426	20.00	ng	0.00
75) Chrysene-d12	14.86	240	218940	20.00	ng	-0.05
86) Perylene-d12	16.73	264	205508	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	88143	33.62	ng	0.00
7) Phenol-d6	6.95	99	81235	22.74	ng	0.00
23) Nitrobenzene-d5	7.91	82	205655	67.82	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	58089	59.13	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	471528	65.79	ng	0.00
78) Terphenyl-d14	13.60	244	585896	61.70	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.10	163	37991	4.73	ng	98
50) 2,6-Dinitrotoluene	10.10	165	292	3.23	ng	# 1
55) 4-Nitrophenol	10.62	139	452	2.90	ng	# 1
82) Chrysene	14.89	228	1010	Below Cal	#	78

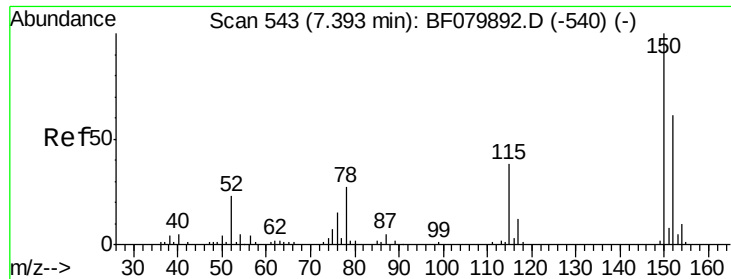
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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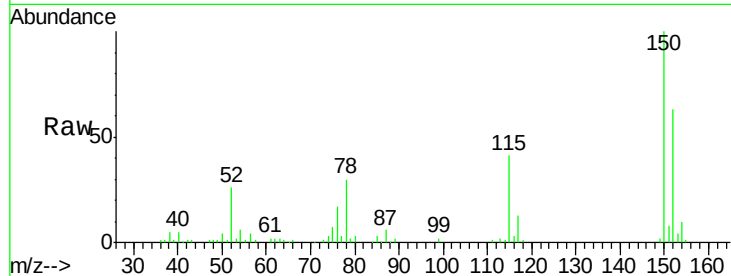




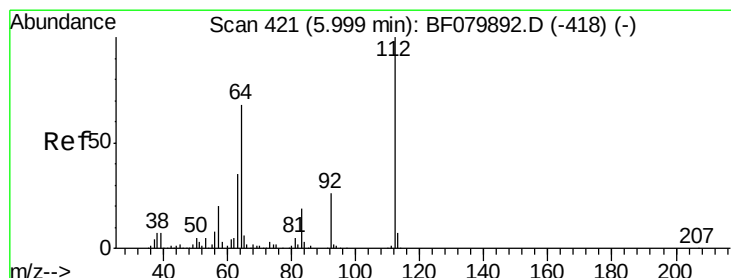
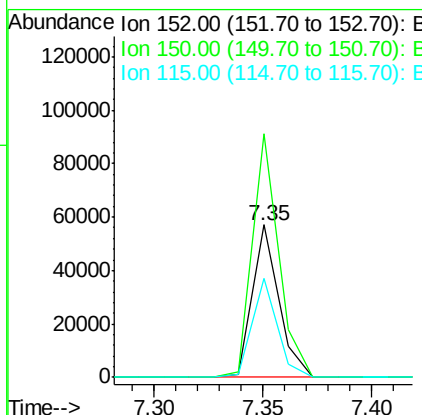
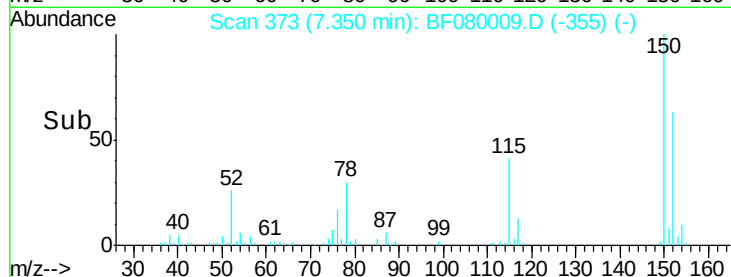
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BF080009.D
 Acq: 17 Jun 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 48071
 Ion Ratio Lower Upper
 152 100
 150 160.0 131.0 196.4
 115 65.4 49.8 74.6

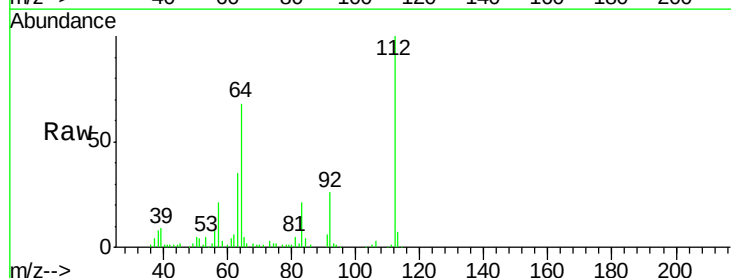


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

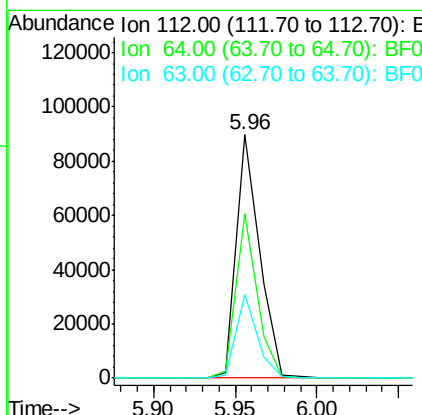
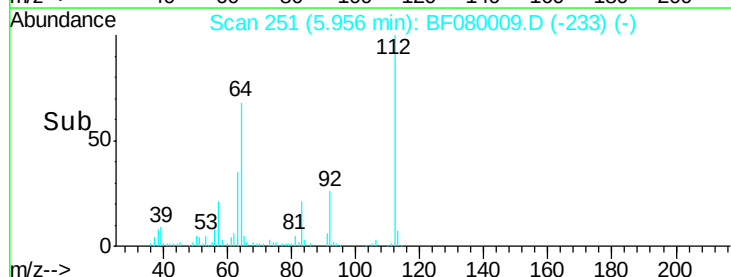


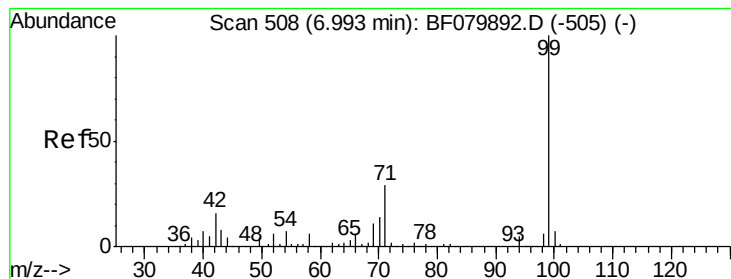
#5
 2-Fluorophenol
 Concen: 33.62 ng
 RT: 5.96 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: BF080009.D
 Acq: 17 Jun 2015 3:04

Tgt Ion:112 Resp: 88143
 Ion Ratio Lower Upper
 112 100
 64 67.7 54.5 81.7
 63 34.6 27.9 41.9



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: 22.74 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

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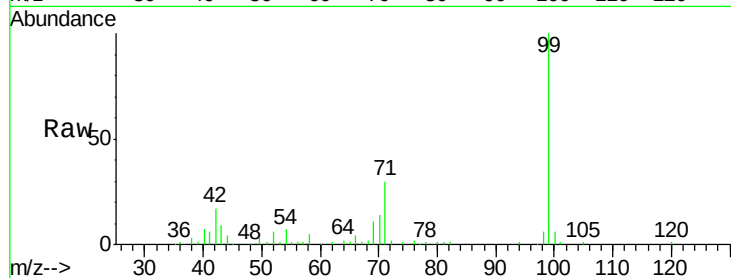
Tgt Ion: 99 Resp: 81235

Ion Ratio Lower Upper

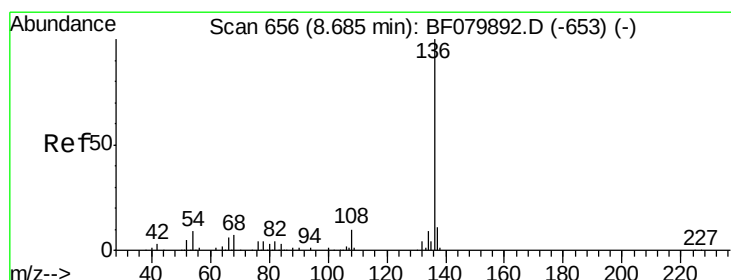
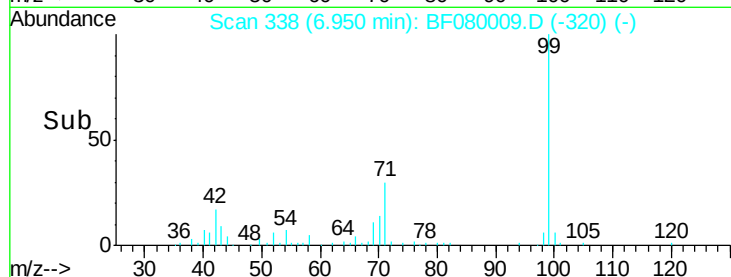
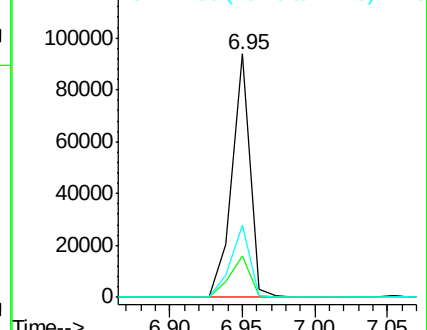
99 100

42 17.2 12.9 19.3

71 29.6 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

Tgt Ion: 136 Resp: 200079

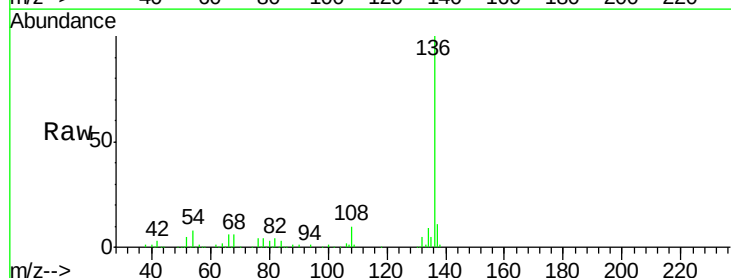
Ion Ratio Lower Upper

136 100

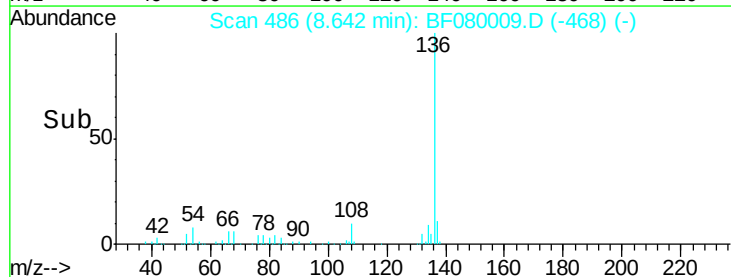
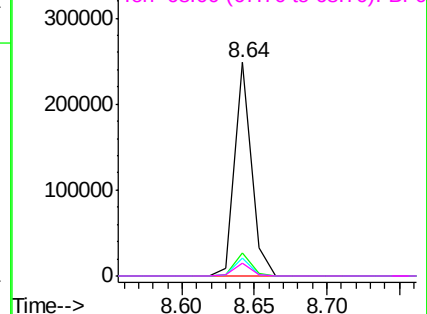
137 10.6 8.7 13.1

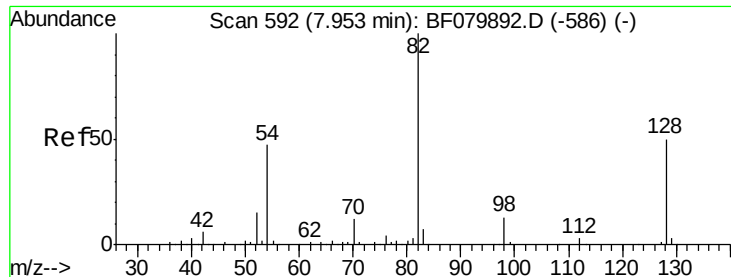
54 8.4 7.3 10.9

68 6.3 5.9 8.9



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: 67.82 ng

RT: 7.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

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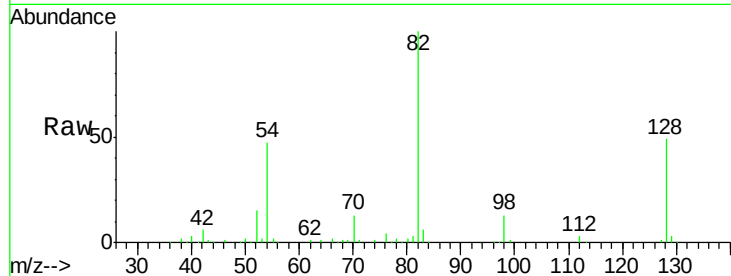
Tgt Ion: 82 Resp: 205655

Ion Ratio Lower Upper

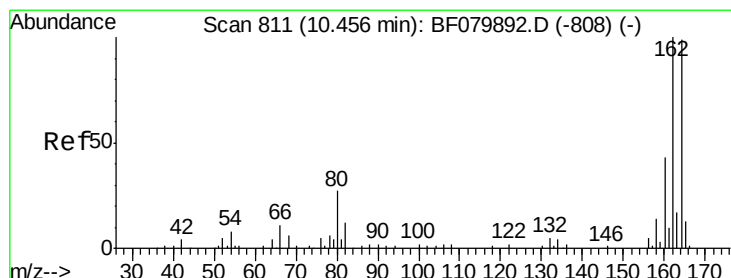
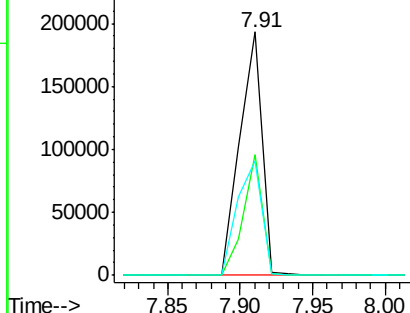
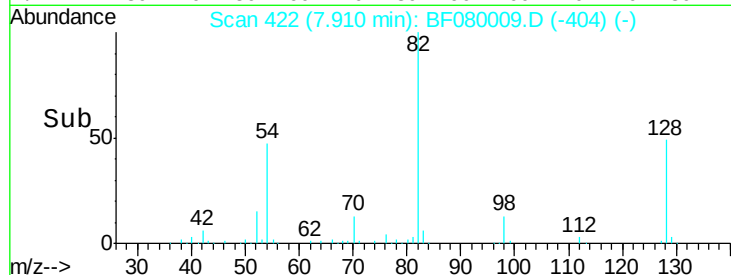
82 100

128 49.4 40.3 60.5

54 46.9 38.0 57.0



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: 10.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

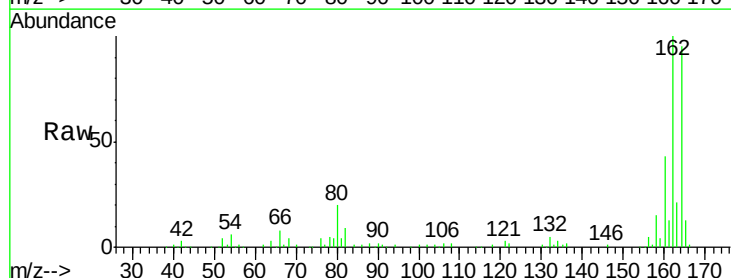
Tgt Ion: 164 Resp: 100354

Ion Ratio Lower Upper

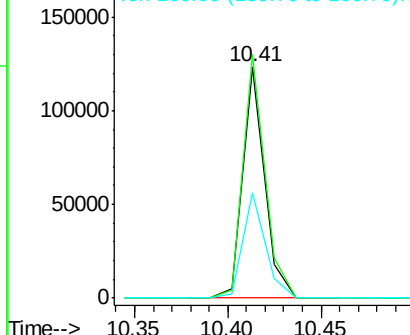
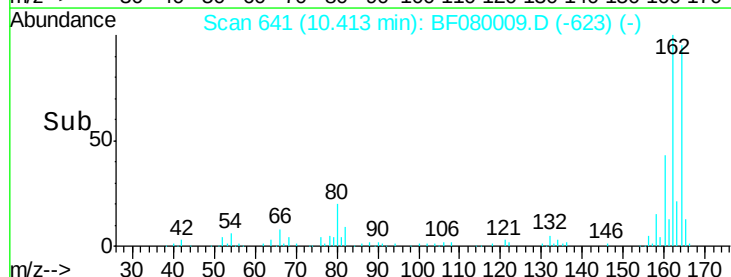
164 100

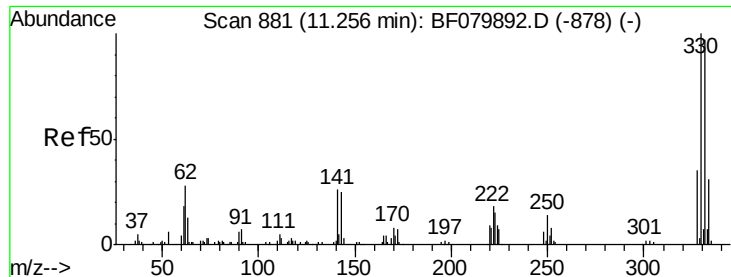
162 105.3 80.7 121.1

160 45.4 34.6 51.8



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

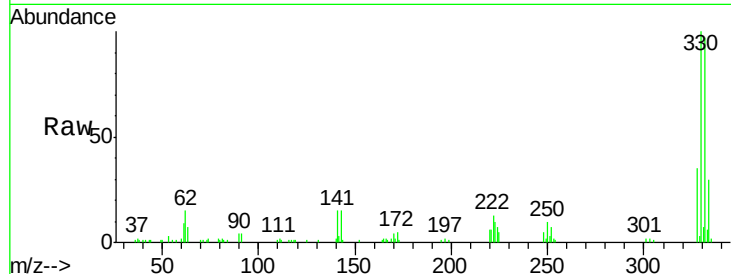




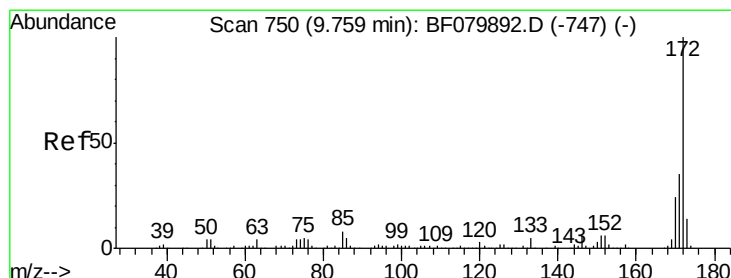
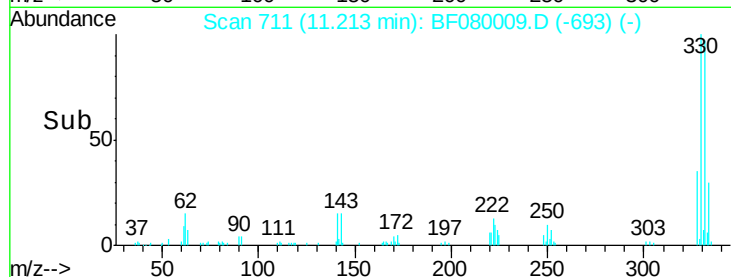
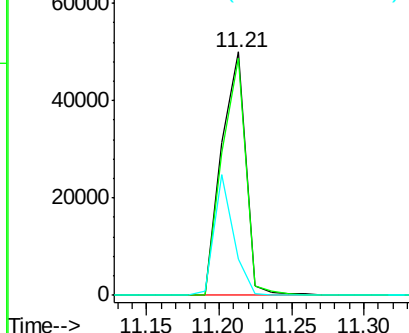
#41
 2,4,6-Tribromophenol
 Concen: 59.13 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF080009.D
 Acq: 17 Jun 2015 3:04

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 58089
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 39.5 26.8 40.2

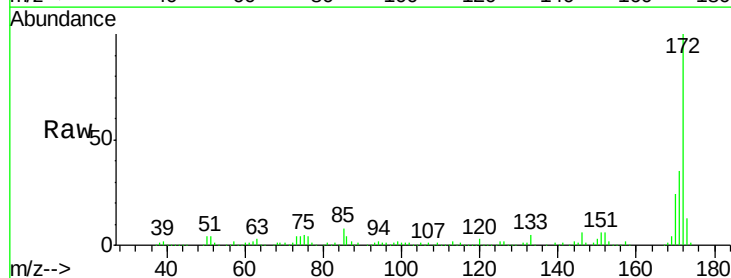


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

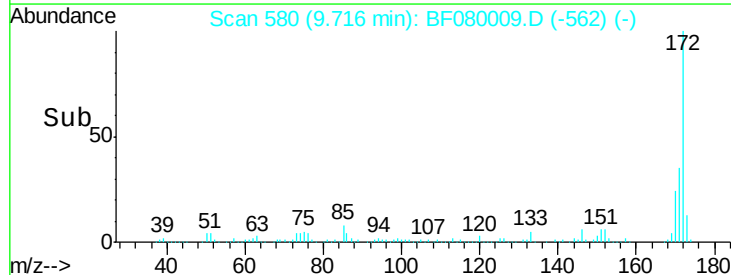
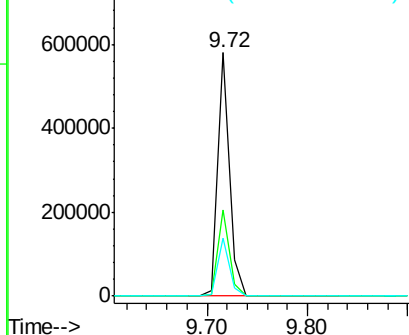


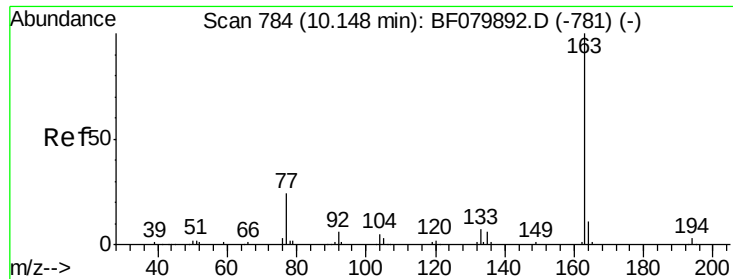
#44
 2-Fluorobiphenyl
 Concen: 65.79 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF080009.D
 Acq: 17 Jun 2015 3:04

Tgt Ion:172 Resp: 471528
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.7 19.0 28.4



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

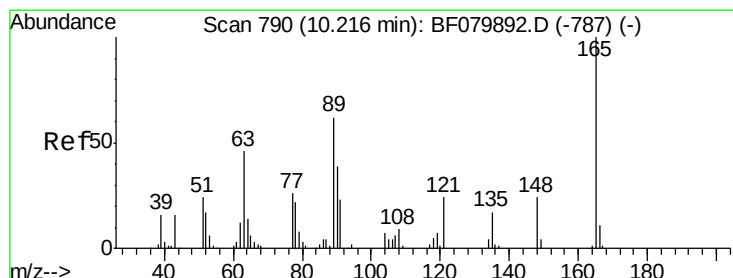
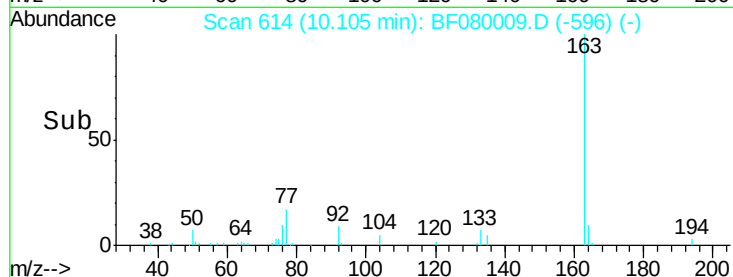
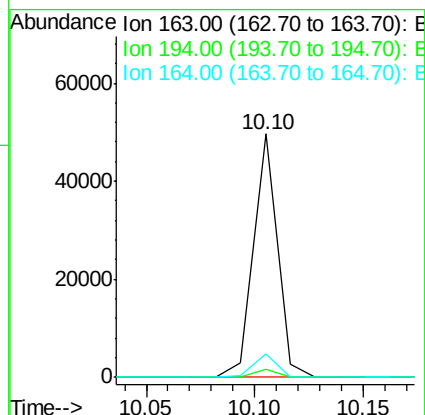
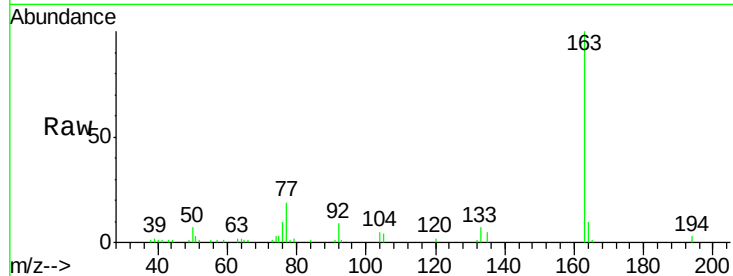




#49
Dimethylphthalate
Concen: 4.73 ng
RT: 10.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF080009.D
Acq: 17 Jun 2015 3:04

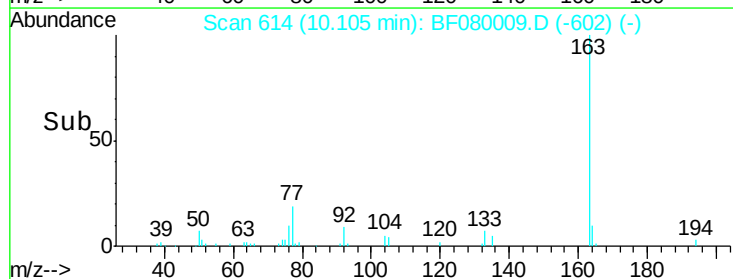
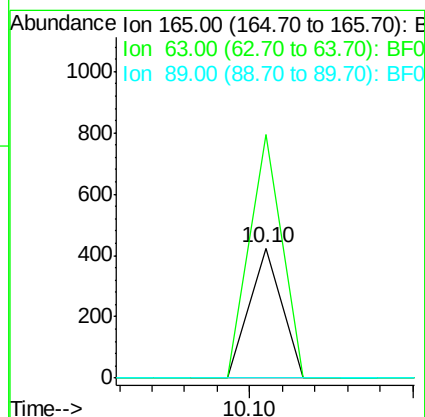
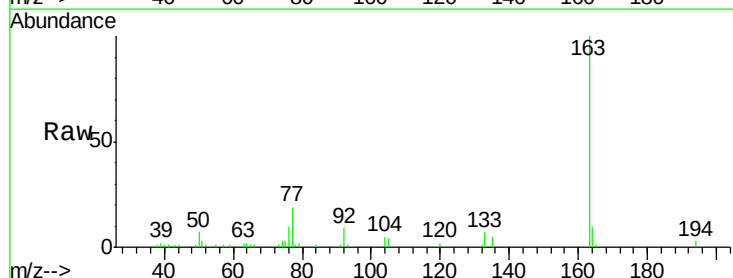
Instrument :
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ClientSampleId :
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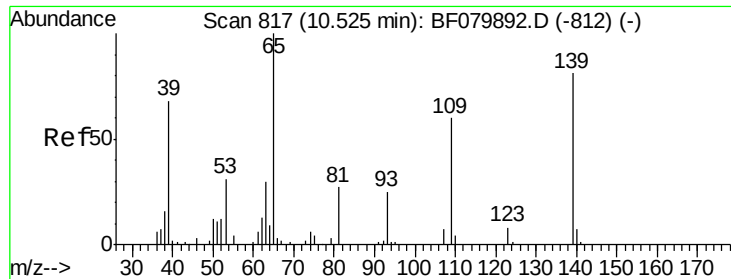
Tgt Ion:163 Resp: 37991
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.5 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 3.23 ng
RT: 10.10 min Scan# 614
Delta R.T. -0.07 min
Lab File: BF080009.D
Acq: 17 Jun 2015 3:04

Tgt Ion:165 Resp: 292
Ion Ratio Lower Upper
165 100
63 186.8 46.4 69.6#
89 0.0 49.6 74.4#





#55

4-Nitrophenol

Concen: 2.90 ng

RT: 10.62 min Scan# 659

Delta R.T. 0.13 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

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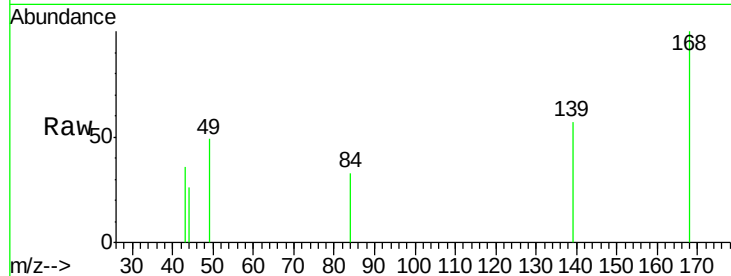
Tgt Ion:139 Resp: 452

Ion Ratio Lower Upper

139 100

109 0.0 54.8 94.8#

65 0.0 104.8 144.8#

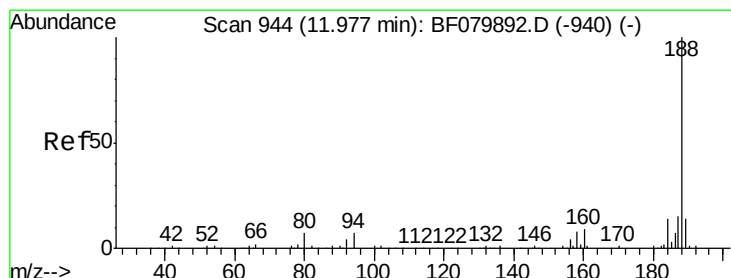
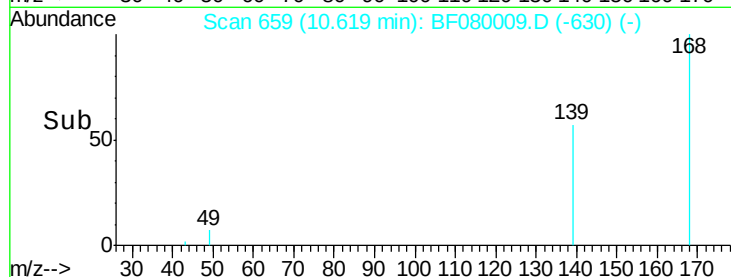


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

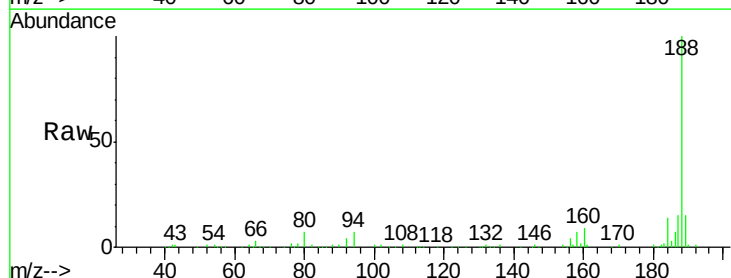
Tgt Ion:188 Resp: 206426

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

80 7.0 5.9 8.9

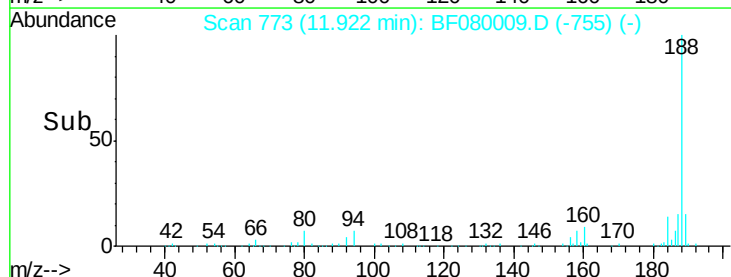


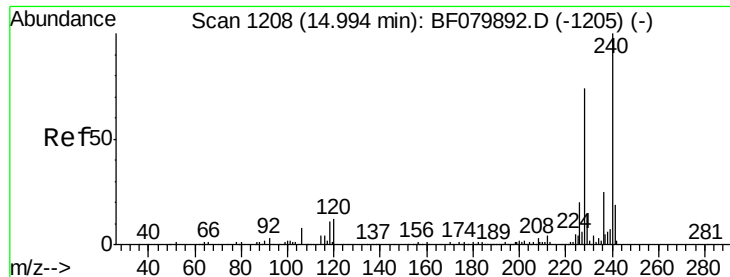
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.86 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

Instrument :

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ClientSampleId :

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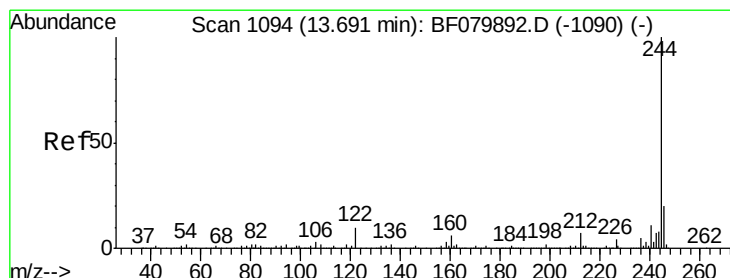
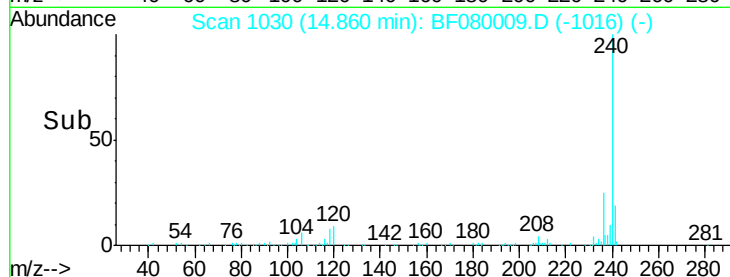
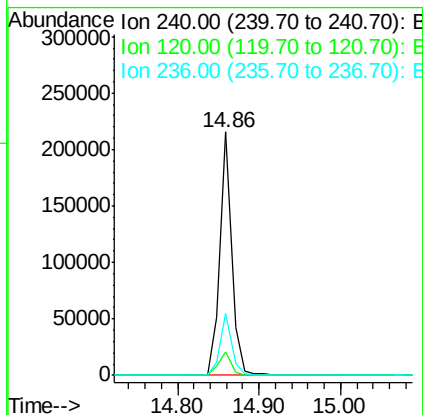
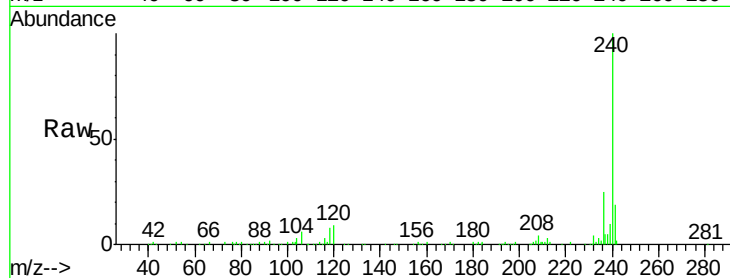
Tgt Ion:240 Resp: 218940

Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.2#

236 25.4 19.6 29.4



#78

Terphenyl-d14

Concen: 61.70 ng

RT: 13.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF080009.D

Acq: 17 Jun 2015 3:04

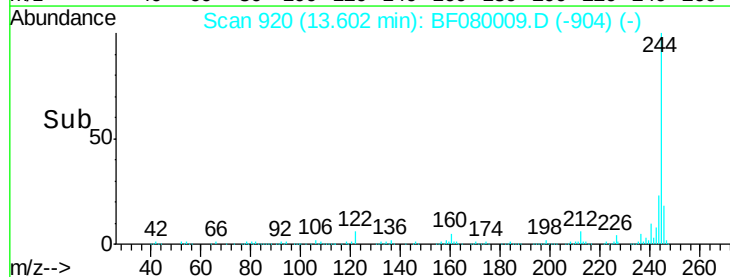
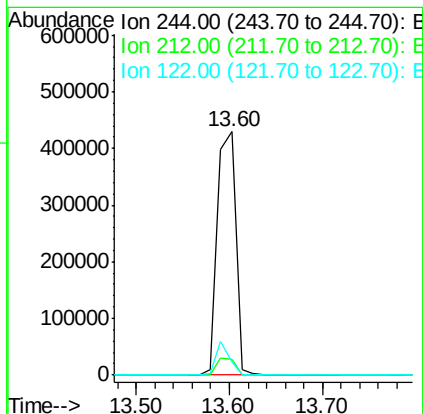
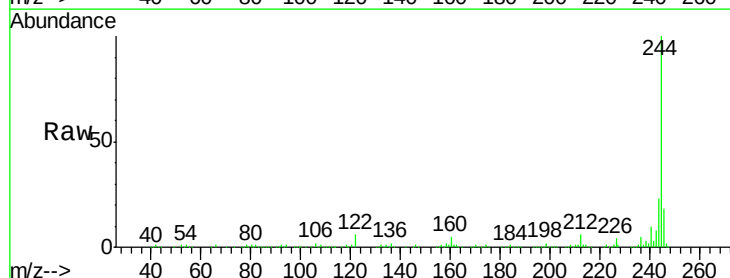
Tgt Ion:244 Resp: 585896

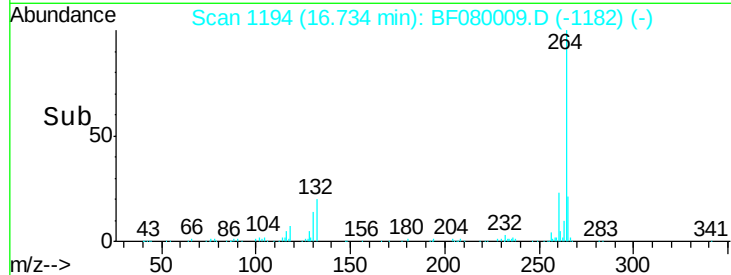
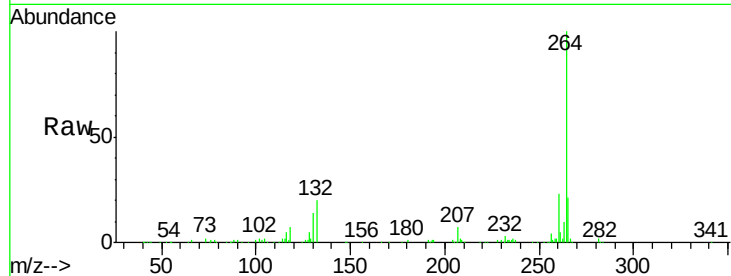
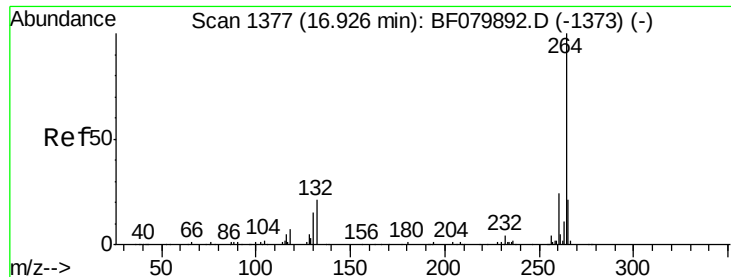
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 5.7 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.73 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF080009.D
Acq: 17 Jun 2015 3:04

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.3	17.0	25.6

