

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061515\
 Data File : BF079987.D
 Acq On : 15 Jun 2015 18:44
 Operator : TP/IZ
 Sample : G2639-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF2MW4-9016

Quant Time: Jun 16 01:10:15 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

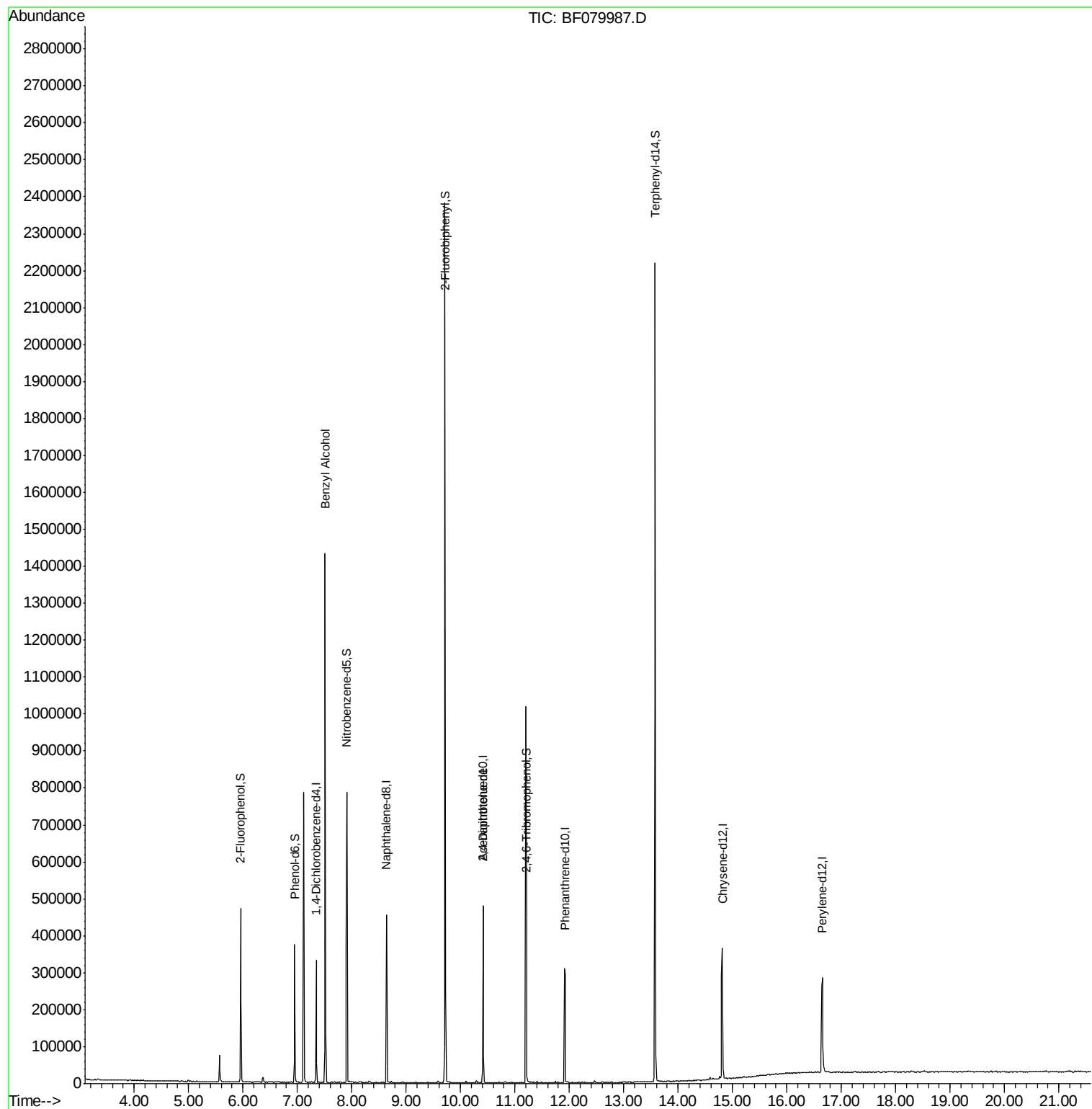
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	44657	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	176113	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	88117	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	171215	20.00	ng	0.00
75) Chrysene-d12	14.81	240	183911	20.00	ng	-0.09
86) Perylene-d12	16.65	264	175385	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	135903	55.80	ng	0.00
7) Phenol-d6	6.95	99	114094	34.39	ng	0.00
23) Nitrobenzene-d5	7.91	82	274989	103.02	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	120955	136.14	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	635374	100.97	ng	0.00
78) Terphenyl-d14	13.58	244	819799	102.77	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.51	79	5382	2.02	ng	# 38
56) 2,4-Dinitrotoluene	10.41	165	11080	10.64	ng	# 32
82) Chrysene	14.81	228	859	Below Cal		# 49

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

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QLast Update : Mon Jun 15 15:44:31 2015
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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: BF079987.D

Acq: 15 Jun 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SP15-LF2MW4-9016

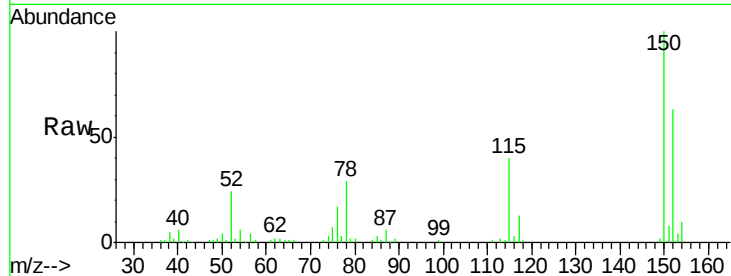
Tgt Ion:152 Resp: 44657

Ion Ratio Lower Upper

152 100

150 157.5 131.0 196.4

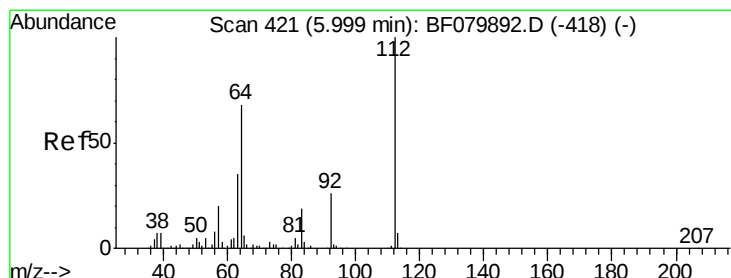
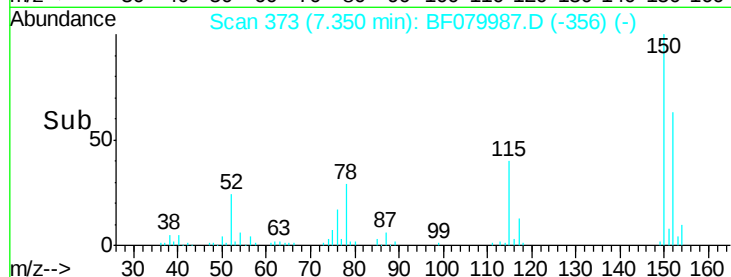
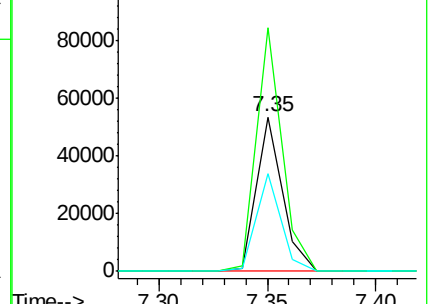
115 63.0 49.8 74.6



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: 55.80 ng

RT: 5.96 min Scan# 251

Delta R.T. -0.00 min

Lab File: BF079987.D

Acq: 15 Jun 2015 18:44

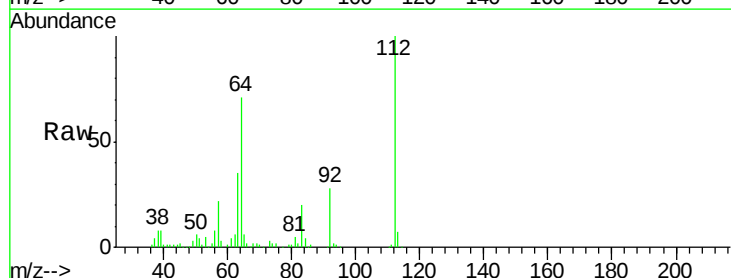
Tgt Ion:112 Resp: 135903

Ion Ratio Lower Upper

112 100

64 71.3 54.5 81.7

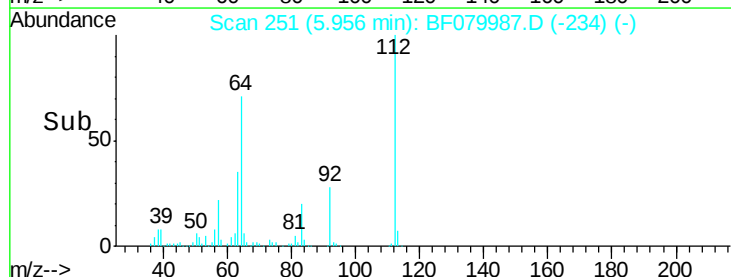
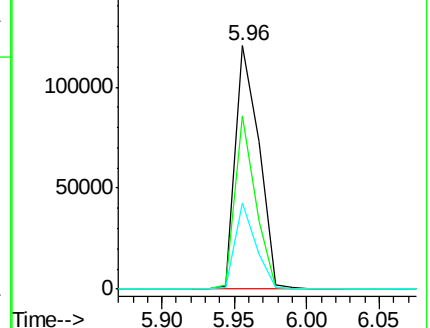
63 35.3 27.9 41.9



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: 34.39 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF079987.D

Acq: 15 Jun 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SP15-LF2MW4-9016

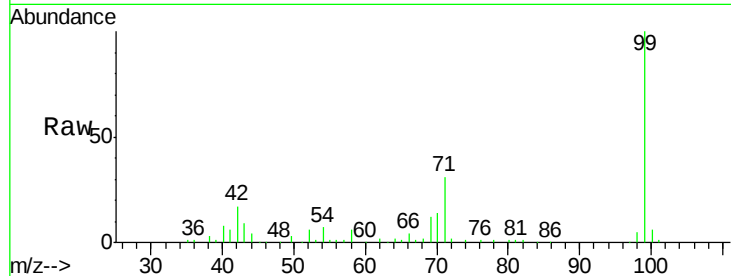
Tgt Ion: 99 Resp: 114094

Ion Ratio Lower Upper

99 100

42 16.9 12.9 19.3

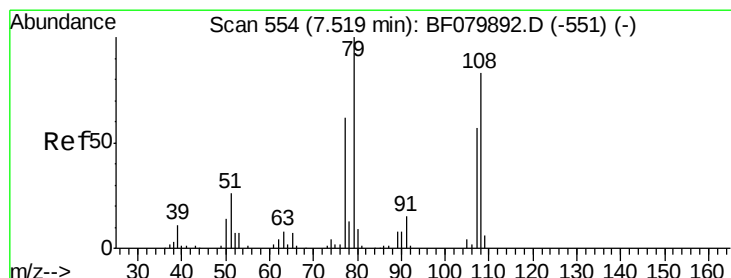
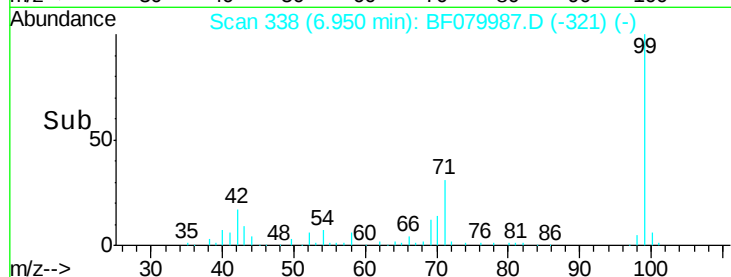
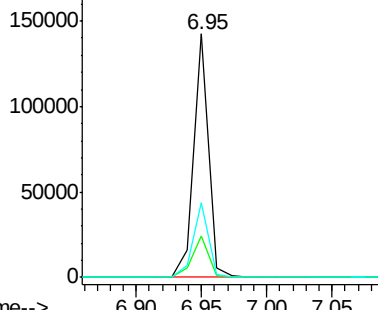
71 30.9 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.51 min Scan# 387

Delta R.T. 0.03 min

Lab File: BF079987.D

Acq: 15 Jun 2015 18:44

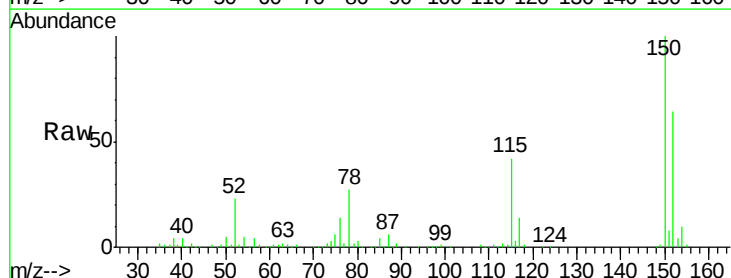
Tgt Ion: 79 Resp: 5382

Ion Ratio Lower Upper

79 100

108 28.1 66.4 99.6#

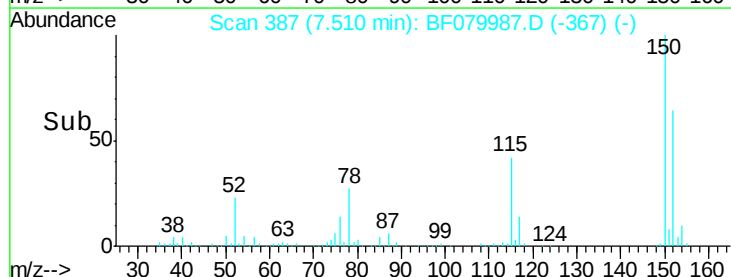
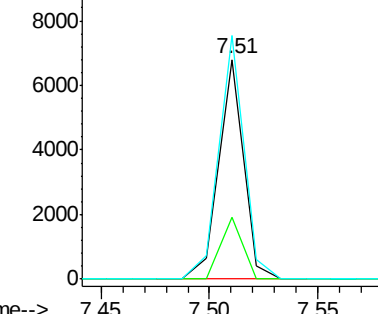
77 110.8 49.4 74.0#

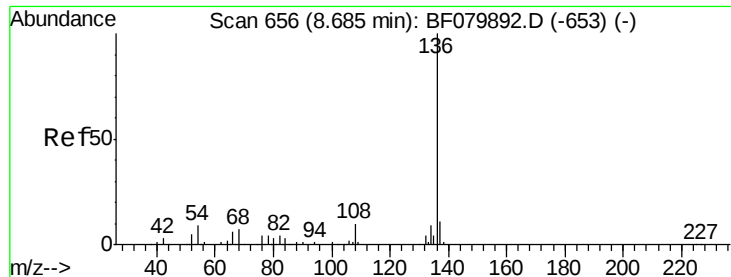


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF079987.D

Acq: 15 Jun 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SP15-LF2MW4-9016

Tgt Ion:136 Resp: 176113

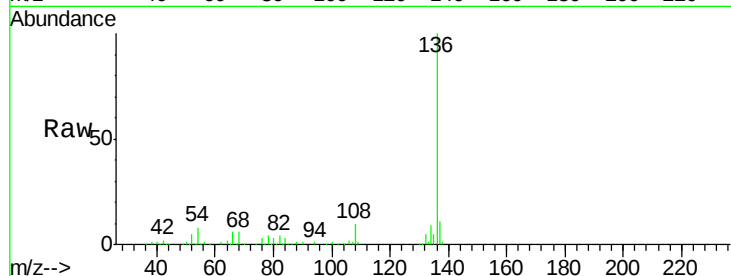
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.4 7.3 10.9

68 5.8 5.9 8.9#

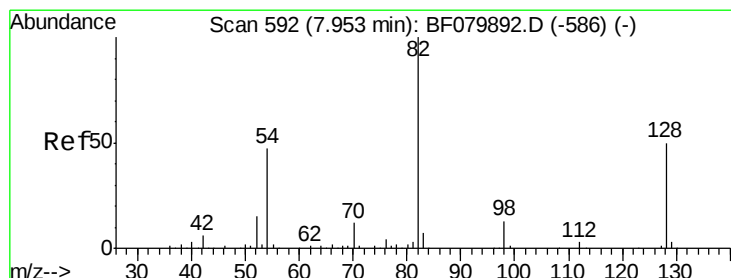
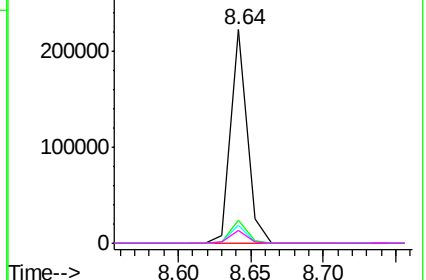
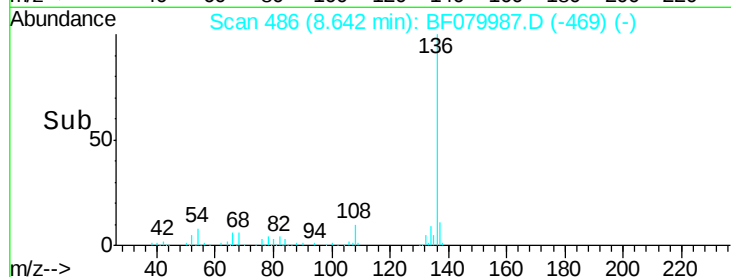


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.02 ng

RT: 7.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF079987.D

Acq: 15 Jun 2015 18:44

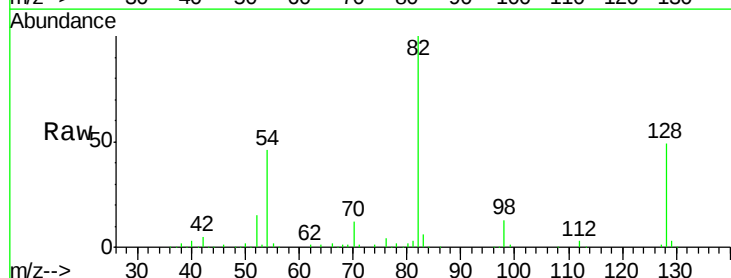
Tgt Ion: 82 Resp: 274989

Ion Ratio Lower Upper

82 100

128 48.8 40.3 60.5

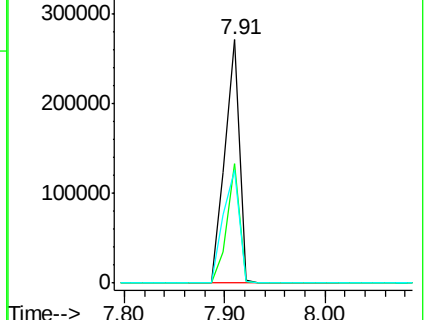
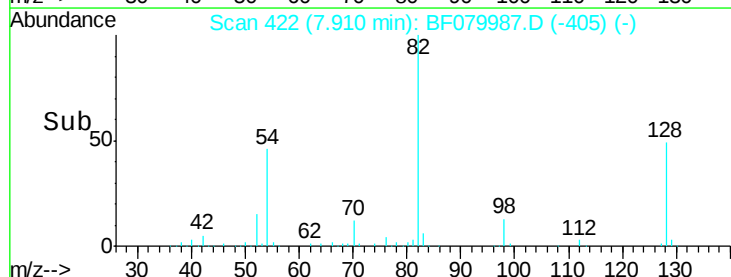
54 46.4 38.0 57.0

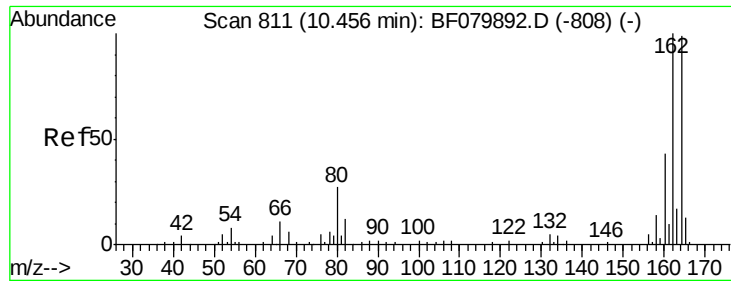


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

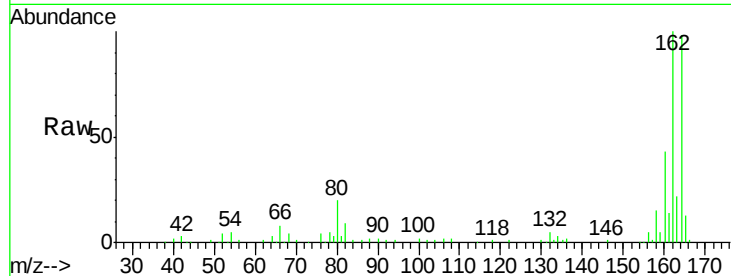




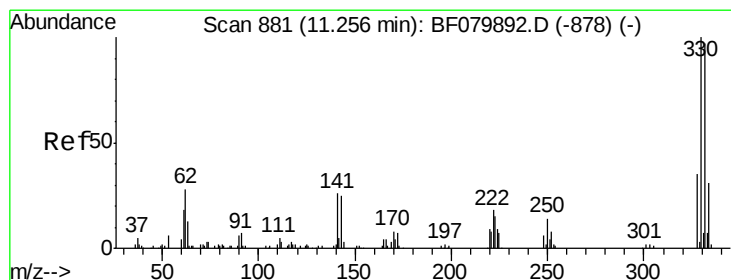
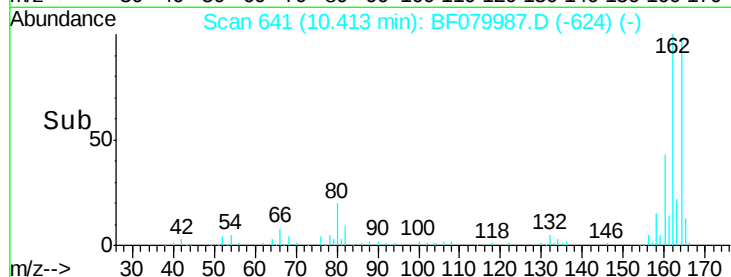
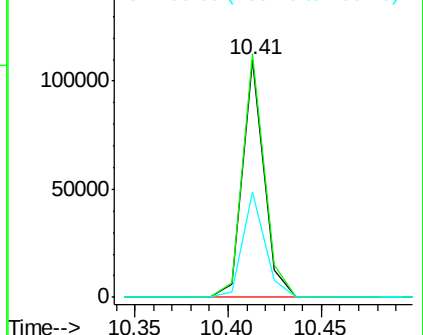
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SP15-LF2MW4-9016

Tgt Ion:164 Resp: 88117
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 44.5 34.6 51.8

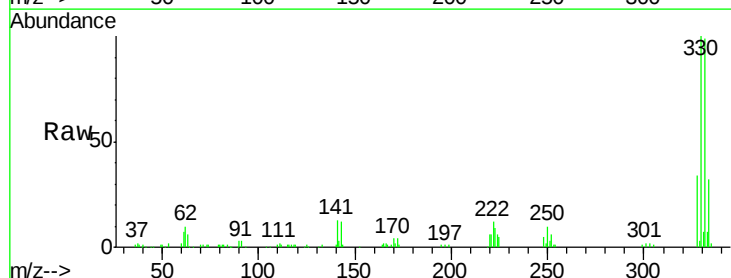


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

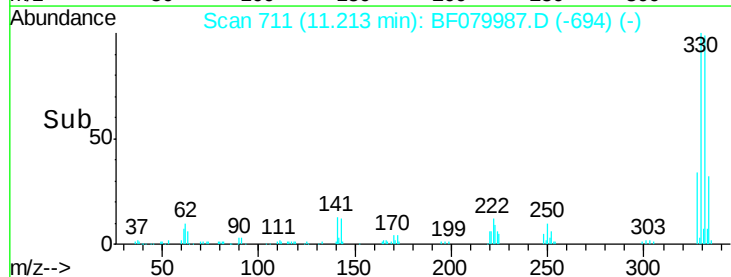
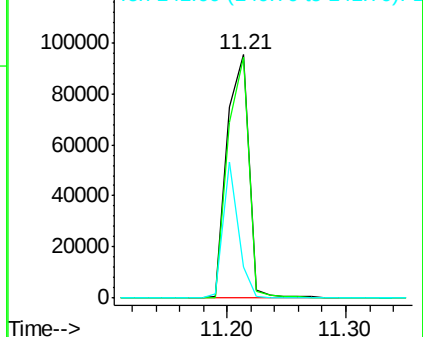


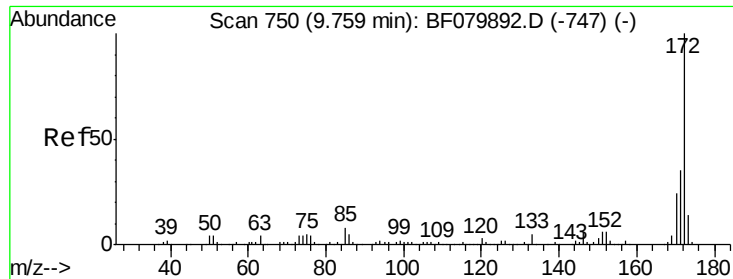
#41
2,4,6-Tribromophenol
Concen: 136.14 ng
RT: 11.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Tgt Ion:330 Resp: 120955
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 38.6 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

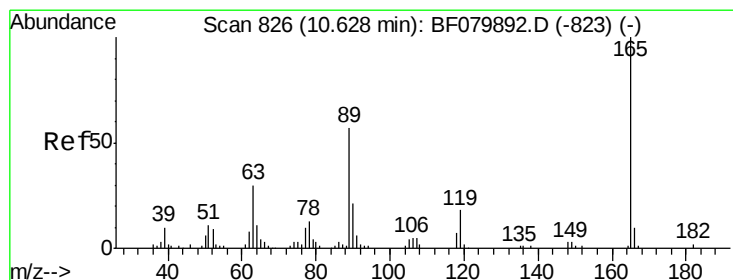
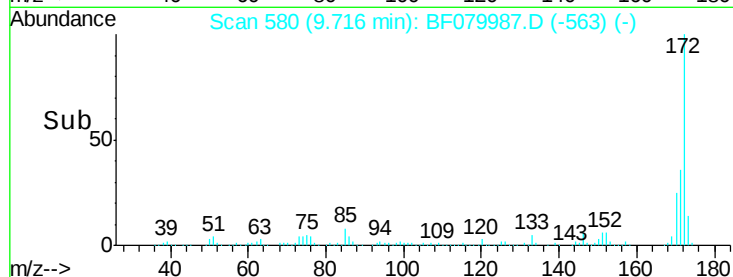
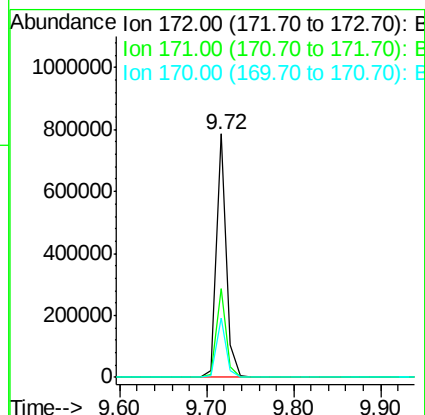
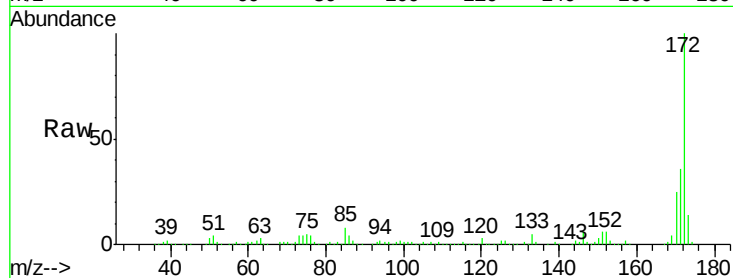




#44
 2-Fluorobiphenyl
 Concen: 100.97 ng
 RT: 9.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

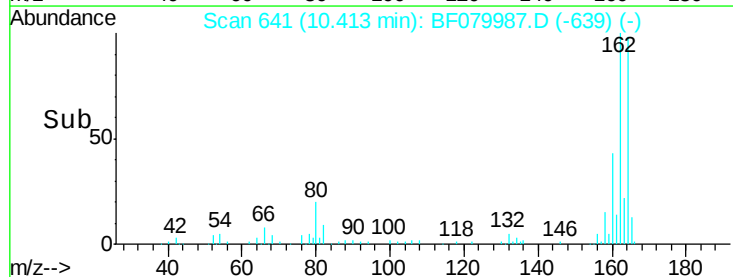
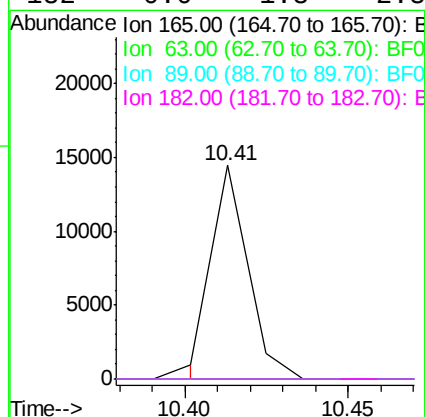
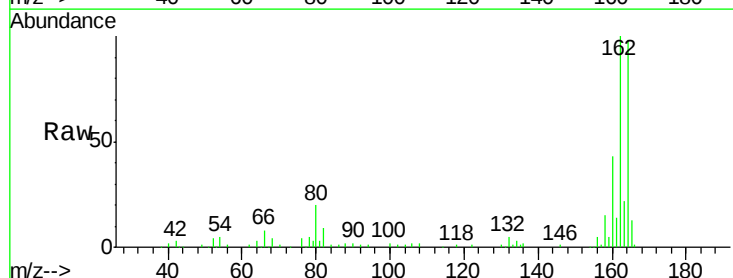
Instrument :
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 SP15-LF2MW4-9016

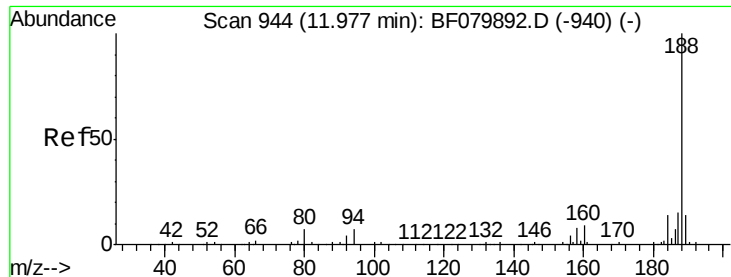
Tgt Ion:172 Resp: 635374
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.3 42.5
 170 24.6 19.0 28.4



#56
 2,4-Dinitrotoluene
 Concen: 10.64 ng
 RT: 10.41 min Scan# 641
 Delta R.T. -0.17 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Tgt Ion:165 Resp: 11080
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.3 36.5#
 89 0.0 45.4 68.2#
 182 0.0 1.8 2.8#

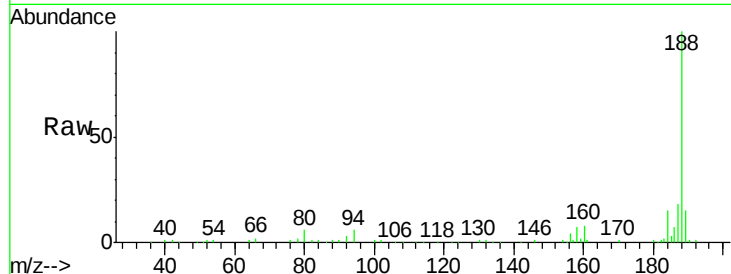




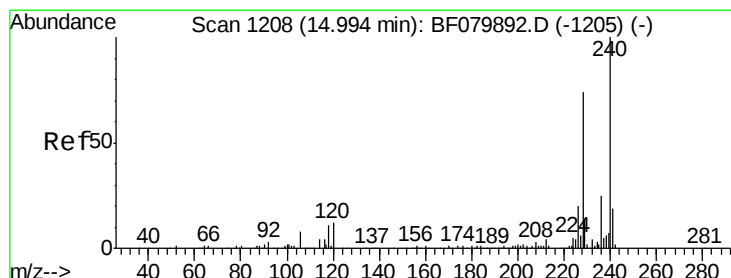
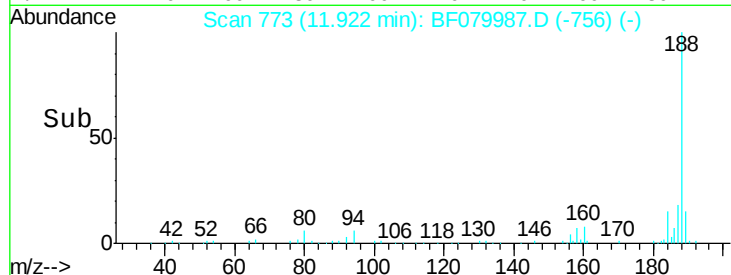
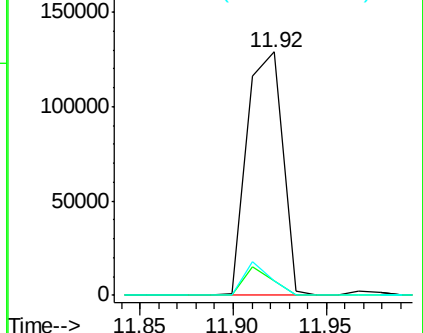
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SP15-LF2MW4-9016

Tgt Ion:188 Resp: 171215
Ion Ratio Lower Upper
188 100
94 5.9 5.8 8.8
80 6.1 5.9 8.9

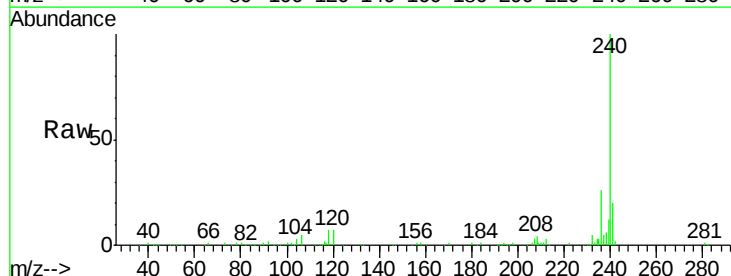


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

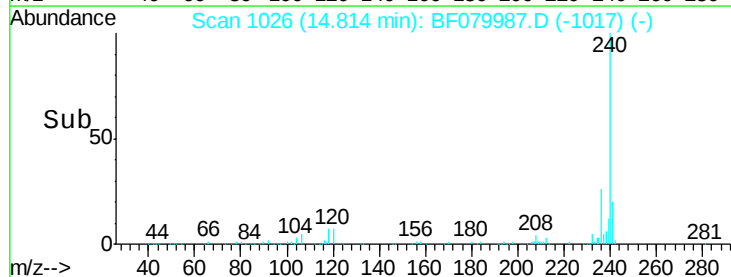
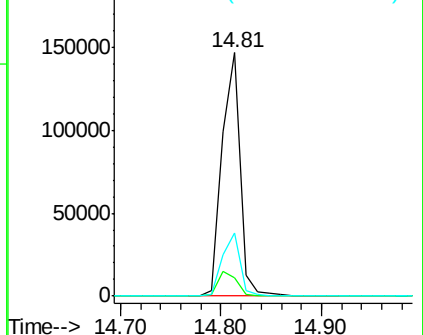


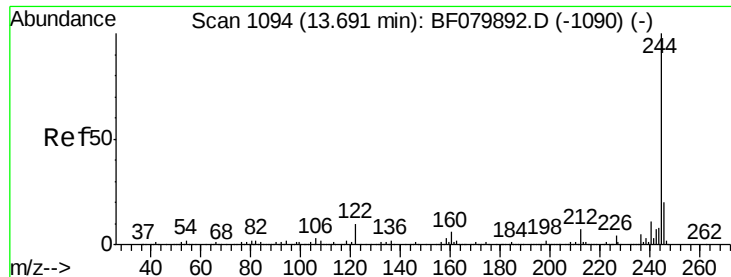
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.81 min Scan# 1026
Delta R.T. -0.09 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Tgt Ion:240 Resp: 183911
Ion Ratio Lower Upper
240 100
120 7.4 9.4 14.2#
236 26.0 19.6 29.4



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

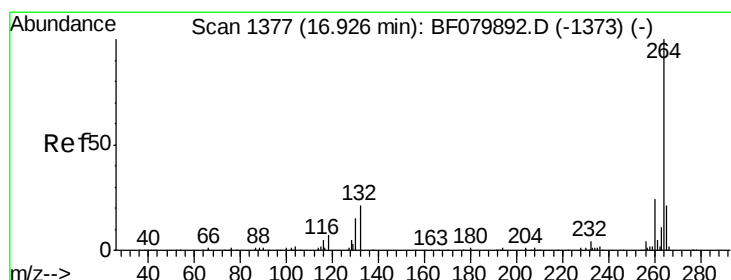
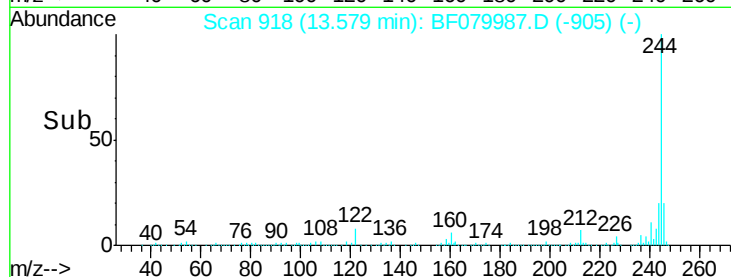
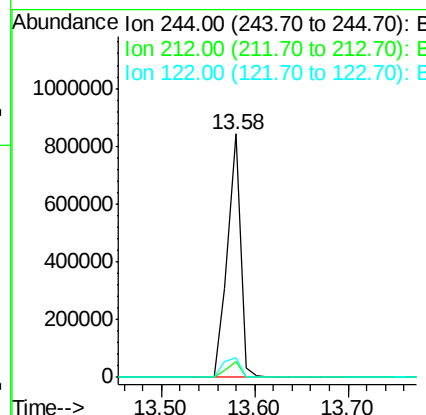
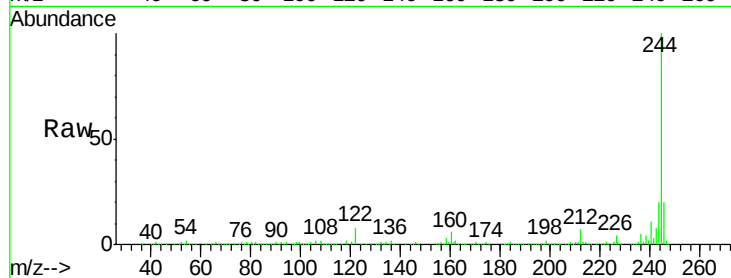




#78
 Terphenyl-d14
 Concen: 102.77 ng
 RT: 13.58 min Scan# 918
 Delta R.T. -0.05 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF2MW4-9016

Tgt Ion: 244 Resp: 819799
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.65 min Scan# 1187
 Delta R.T. -0.15 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Tgt Ion: 264 Resp: 175385
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.8 17.0 25.6

