

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079999.D
 Acq On : 16 Jun 2015 19:22
 Operator : TP/IZ
 Sample : G2646-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1506093207

Quant Time: Jun 17 00:50:16 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

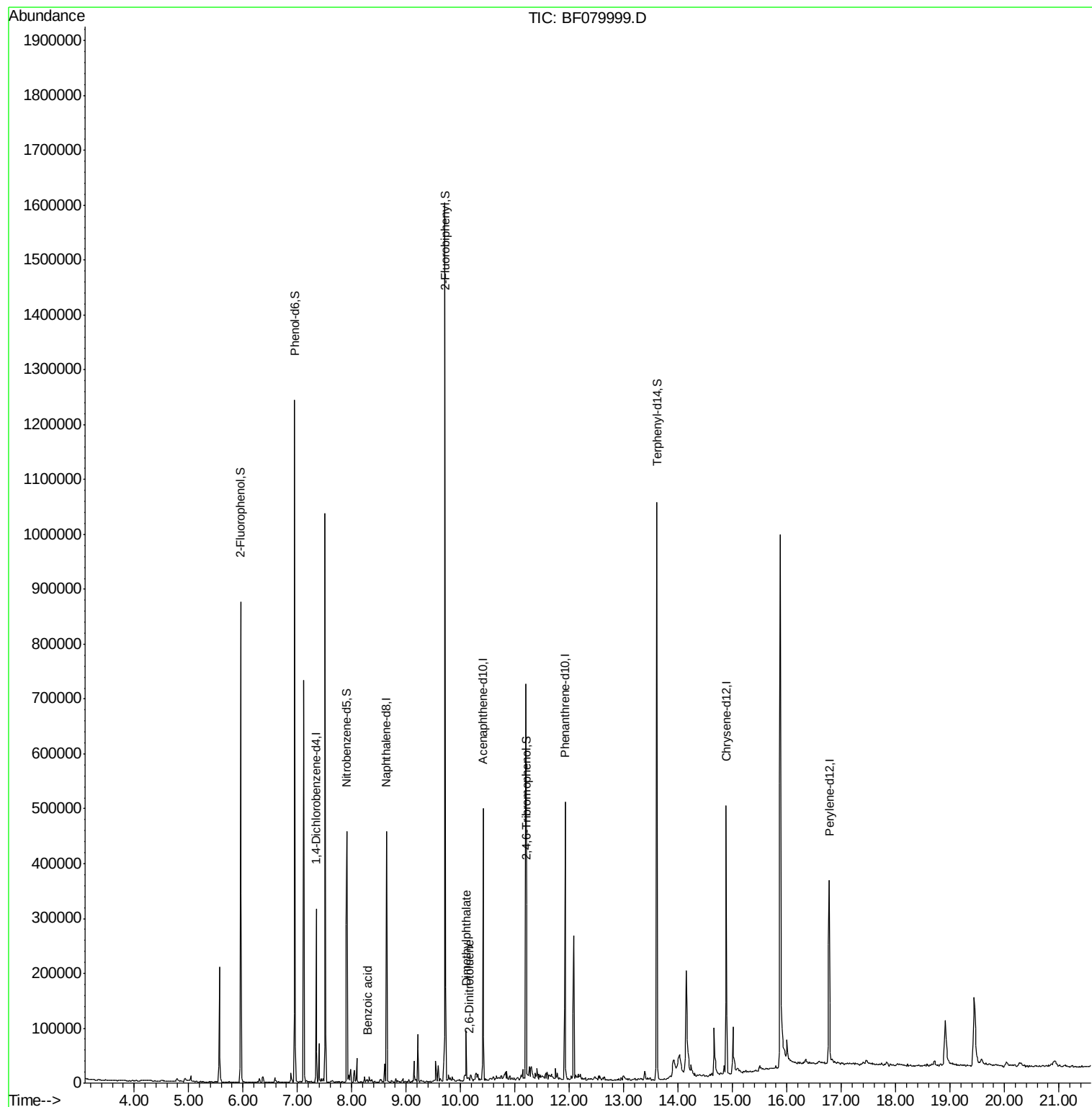
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	43424	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	174427	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	88646	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	182771	20.00	ng	0.00
75) Chrysene-d12	14.88	240	199653	20.00	ng	-0.02
86) Perylene-d12	16.78	264	196757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	239676	101.21	ng	0.00
7) Phenol-d6	6.95	99	351800	109.04	ng	0.00
23) Nitrobenzene-d5	7.91	82	173151	65.50	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	77913	88.24	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	430141	67.95	ng	0.00
78) Terphenyl-d14	13.61	244	518753	59.90	ng	-0.01
Target Compounds						
32) Benzoic acid	8.29	122	288	8.76	ng	Qvalue 93
49) Dimethylphthalate	10.10	163	29818	4.20	ng	# 98
50) 2,6-Dinitrotoluene	10.15	165	525	3.42	ng	# 21
82) Chrysene	14.88	228	331	Below Cal		# 49

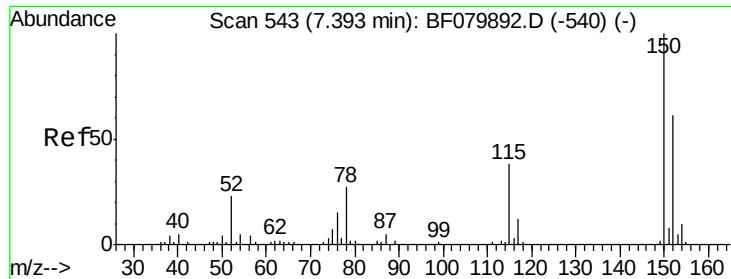
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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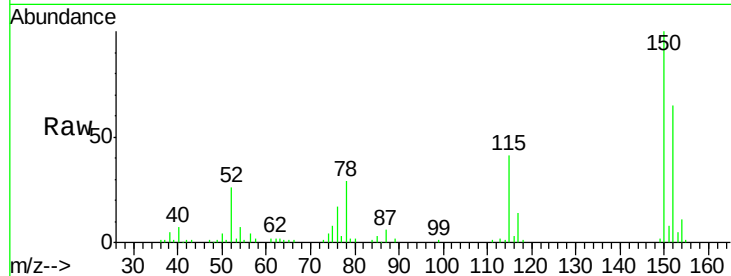


#1

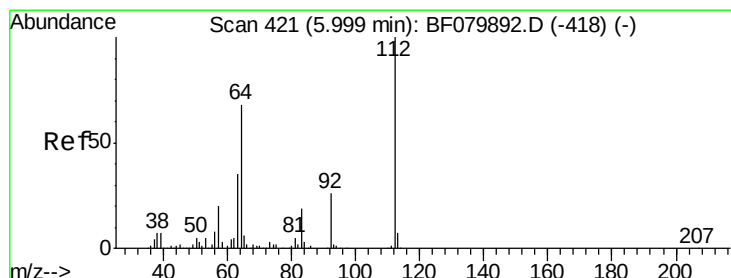
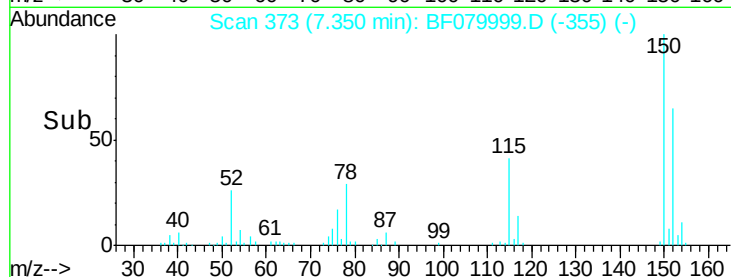
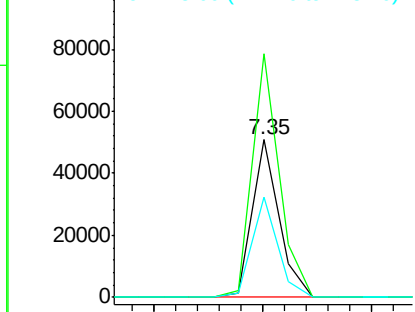
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF079999.D
Acq: 16 Jun 2015 19:22

Instrument :
BNA_F
ClientSampleId :
1506093207

Tgt Ion:152 Resp: 43424
Ion Ratio Lower Upper
152 100
150 154.3 131.0 196.4
115 63.6 49.8 74.6



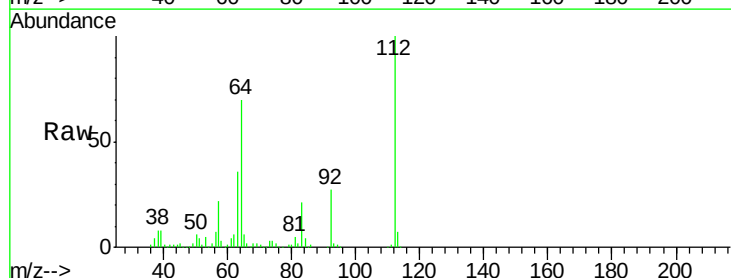
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



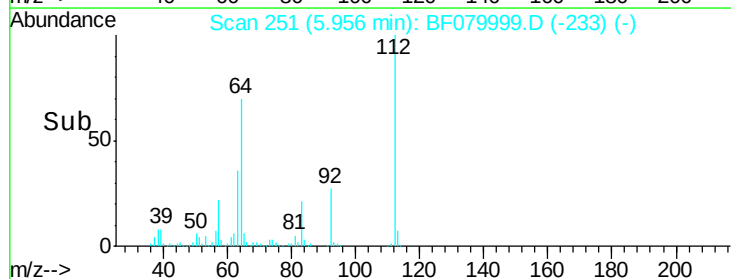
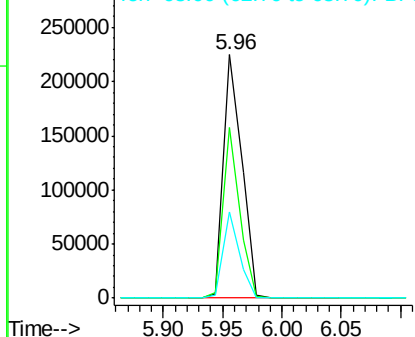
#5

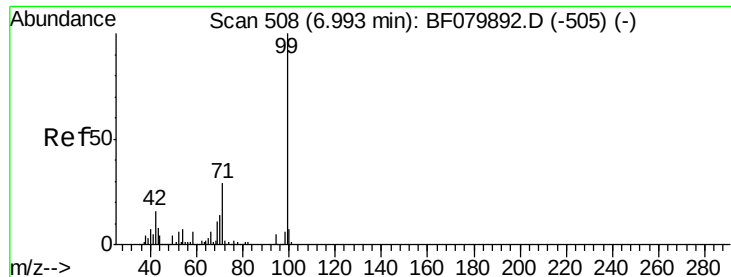
2-Fluorophenol
Concen: 101.21 ng
RT: 5.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BF079999.D
Acq: 16 Jun 2015 19:22

Tgt Ion:112 Resp: 239676
Ion Ratio Lower Upper
112 100
64 70.3 54.5 81.7
63 35.6 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: 109.04 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF079999.D

Acq: 16 Jun 2015 19:22

Instrument :

BNA_F

ClientSampleId :

1506093207

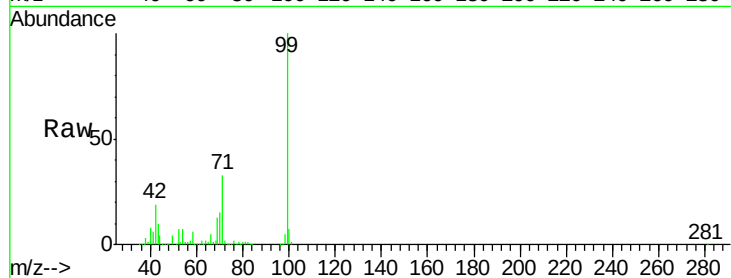
Tgt Ion: 99 Resp: 351800

Ion Ratio Lower Upper

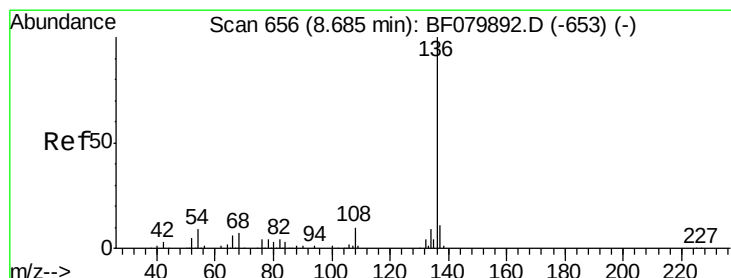
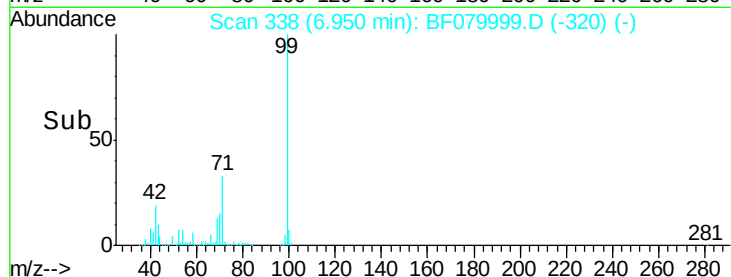
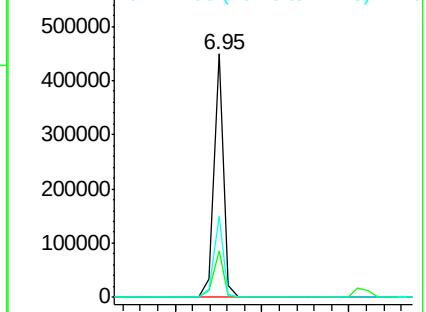
99 100

42 19.0 12.9 19.3

71 33.1 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: BF079999.D

Acq: 16 Jun 2015 19:22

Tgt Ion: 136 Resp: 174427

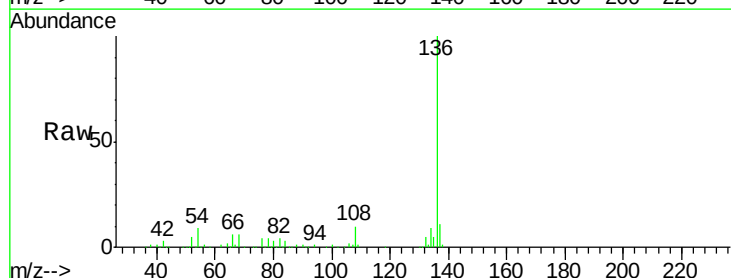
Ion Ratio Lower Upper

136 100

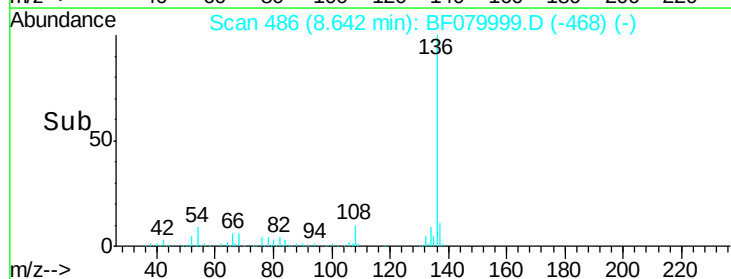
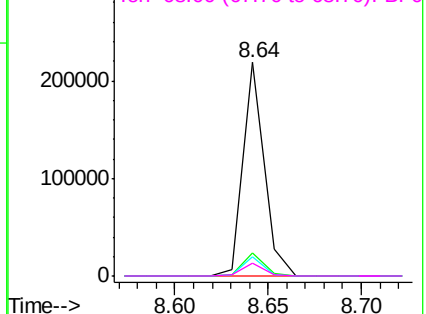
137 10.9 8.7 13.1

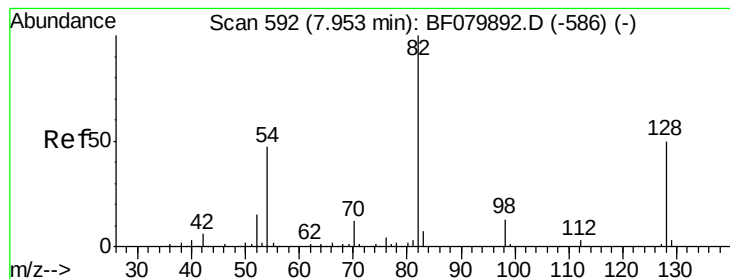
54 8.8 7.3 10.9

68 6.2 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: 65.50 ng

RT: 7.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF079999.D

Acq: 16 Jun 2015 19:22

Instrument :

BNA_F

ClientSampleId :

1506093207

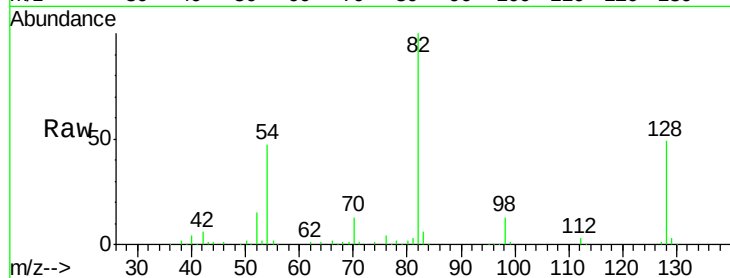
Tgt Ion: 82 Resp: 173151

Ion Ratio Lower Upper

82 100

128 49.4 40.3 60.5

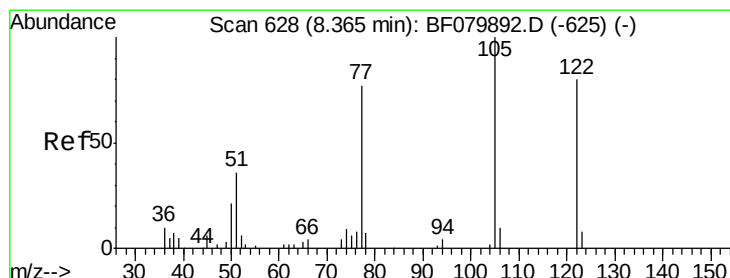
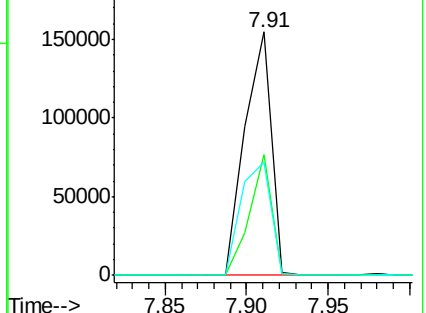
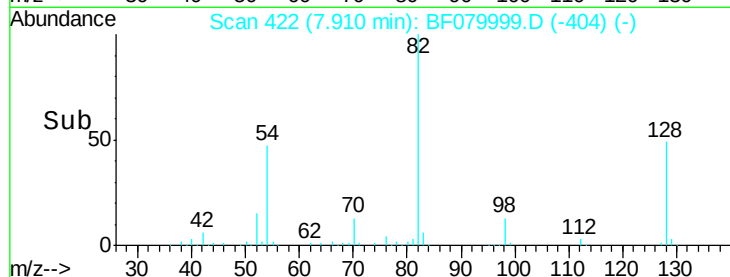
54 46.6 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF079892.D (-586) (-)

Ion 128.00 (127.70 to 128.70): BF079892.D (-586) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-586) (-)



#32

Benzoic acid

Concen: 8.76 ng

RT: 8.29 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF079999.D

Acq: 16 Jun 2015 19:22

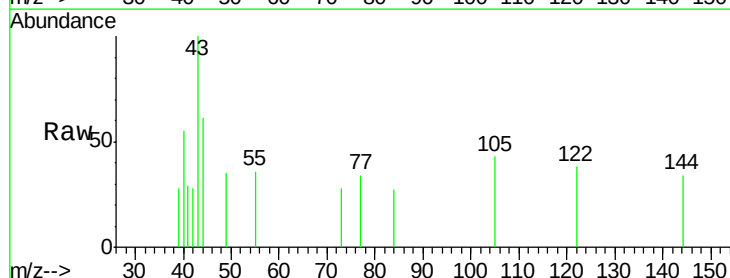
Tgt Ion: 122 Resp: 288

Ion Ratio Lower Upper

122 100

105 115.2 102.7 142.7

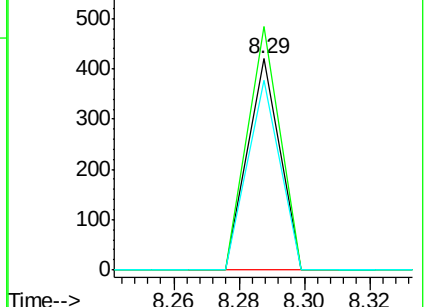
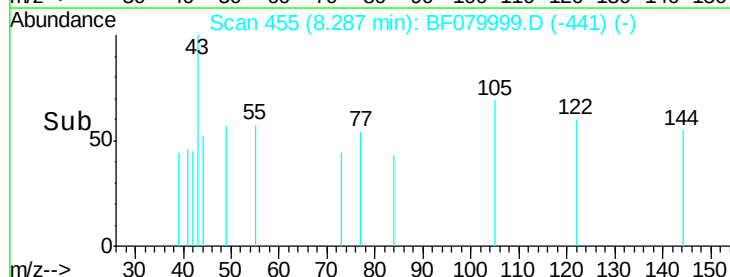
77 90.0 77.1 117.1

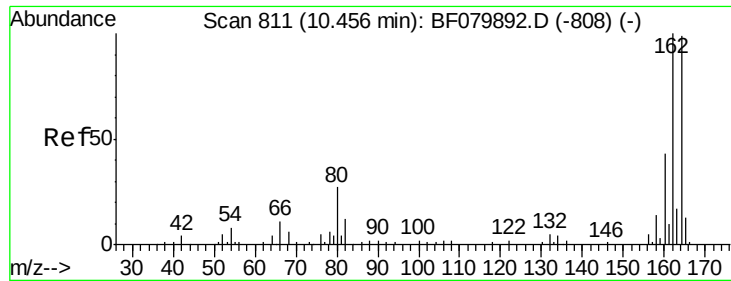


Abundance Ion 122.00 (121.70 to 122.70): BF079892.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BF079892.D (-625) (-)

Ion 77.00 (76.70 to 77.70): BF079892.D (-625) (-)

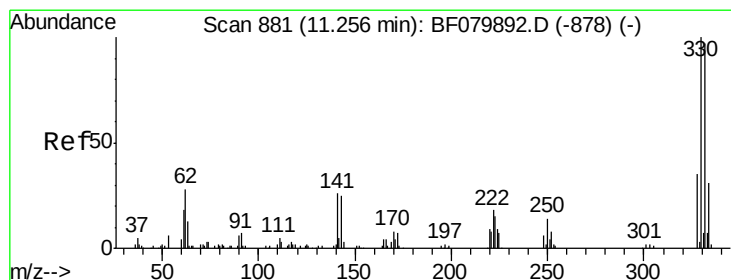
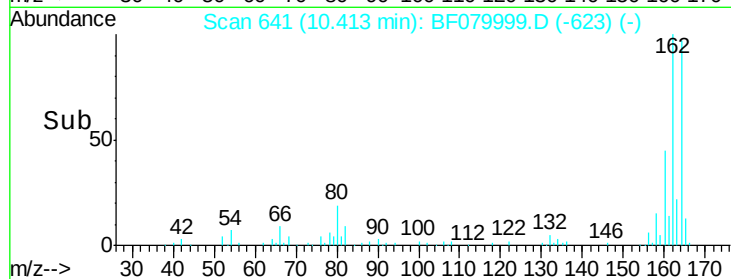
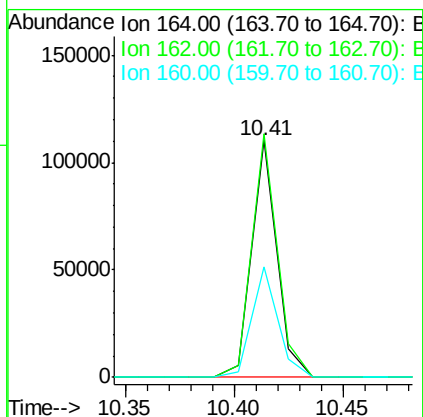
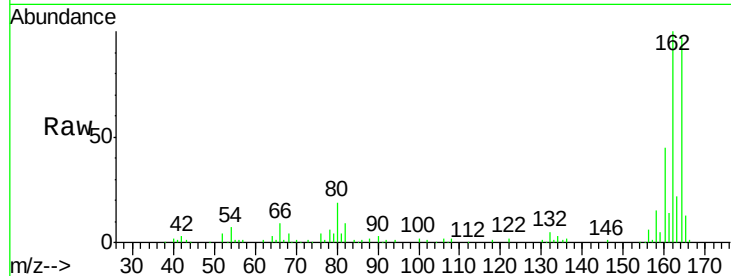




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079999.D
Acq: 16 Jun 2015 19:22

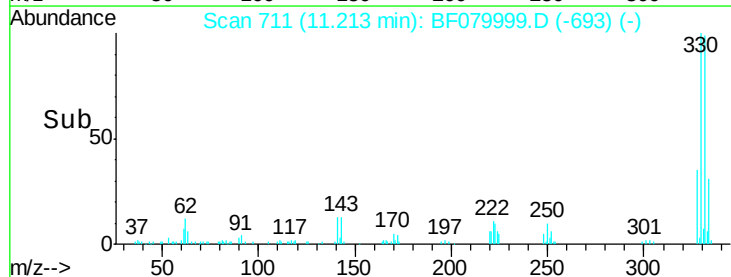
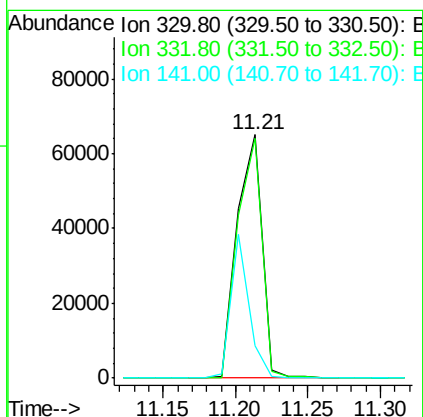
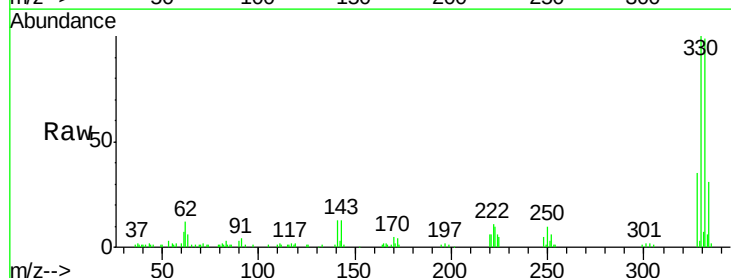
Instrument :
BNA_F
ClientSampleId :
1506093207

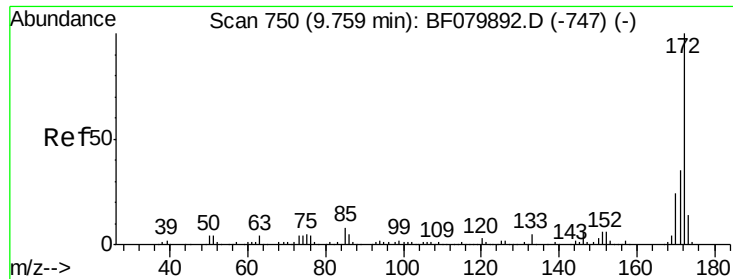
Tgt Ion:164 Resp: 88646
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 46.6 34.6 51.8



#41
2,4,6-Tribromophenol
Concen: 88.24 ng
RT: 11.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF079999.D
Acq: 16 Jun 2015 19:22

Tgt Ion:330 Resp: 77913
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 42.9 26.8 40.2#

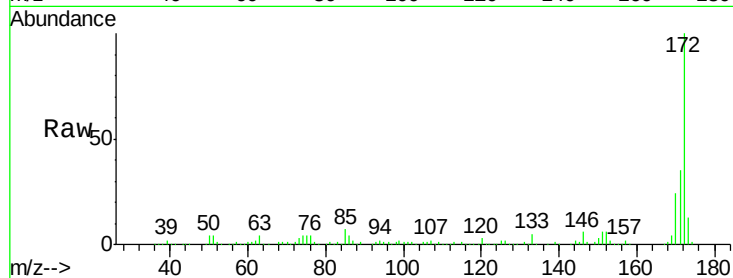




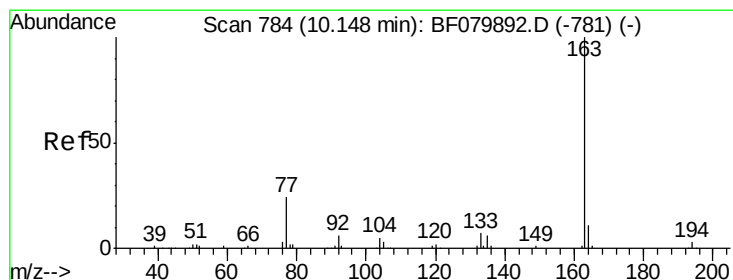
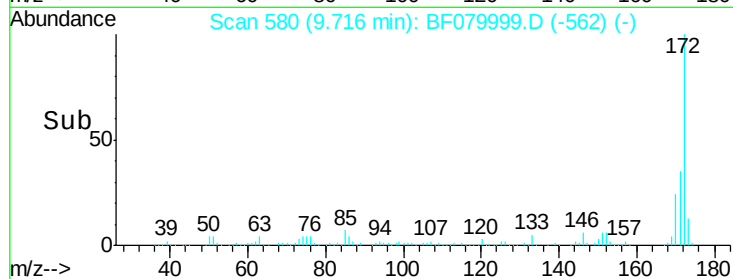
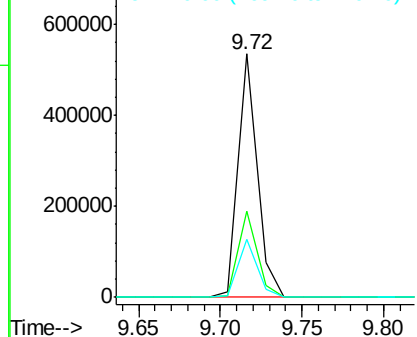
#44
2-Fluorobiphenyl
Concen: 67.95 ng
RT: 9.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF079999.D
Acq: 16 Jun 2015 19:22

Instrument :
BNA_F
ClientSampleId :
1506093207

Tgt Ion:172 Resp: 430141
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.4

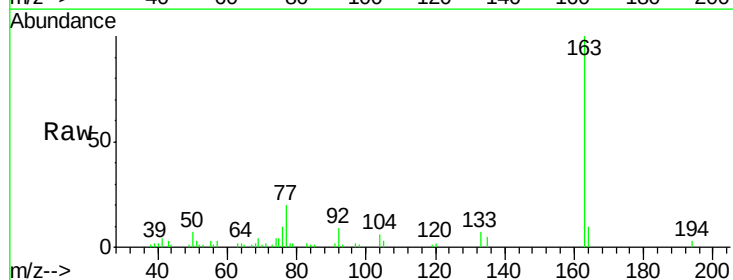


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

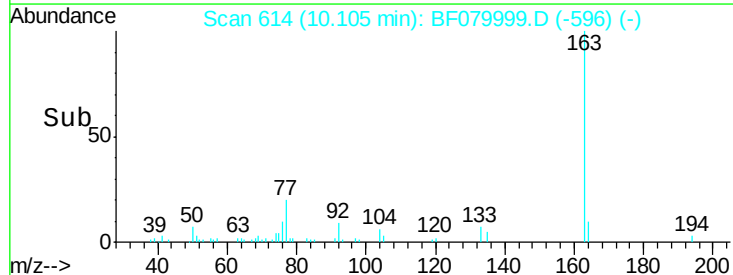
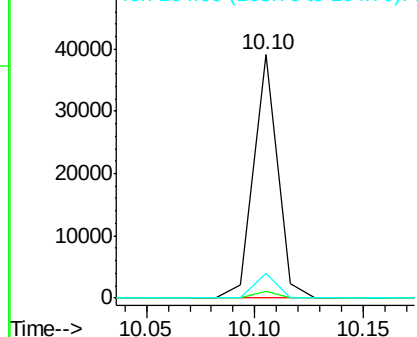


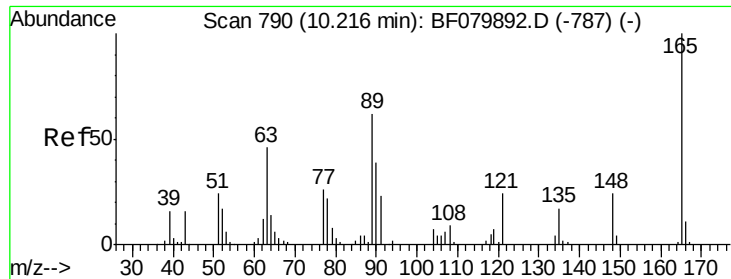
#49
Dimethylphthalate
Concen: 4.20 ng
RT: 10.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF079999.D
Acq: 16 Jun 2015 19:22

Tgt Ion:163 Resp: 29818
Ion Ratio Lower Upper
163 100
194 2.6 2.6 4.0#
164 10.0 8.6 12.8



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

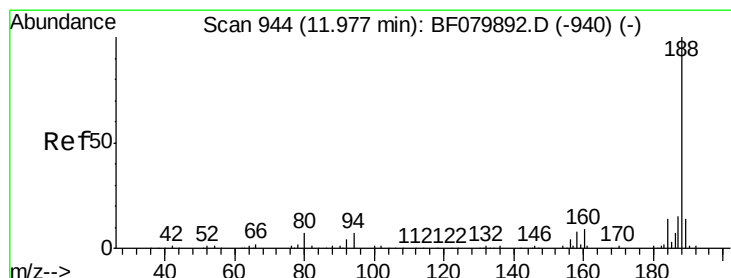
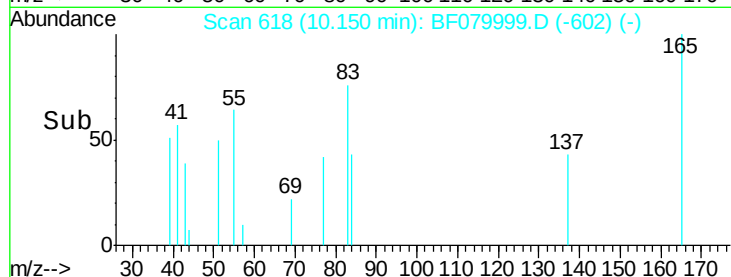
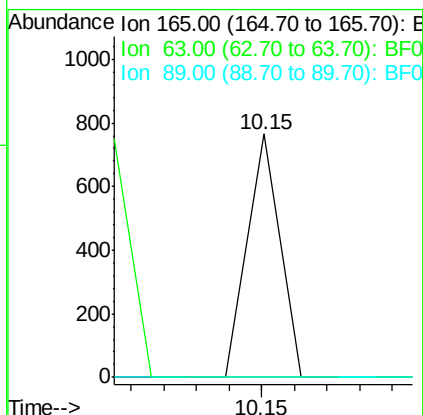
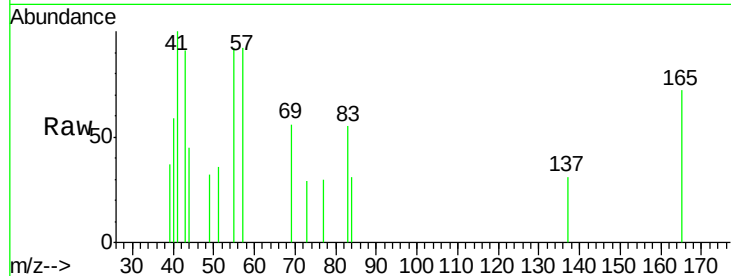




#50
 2,6-Dinitrotoluene
 Concen: 3.42 ng
 RT: 10.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF079999.D
 Acq: 16 Jun 2015 19:22

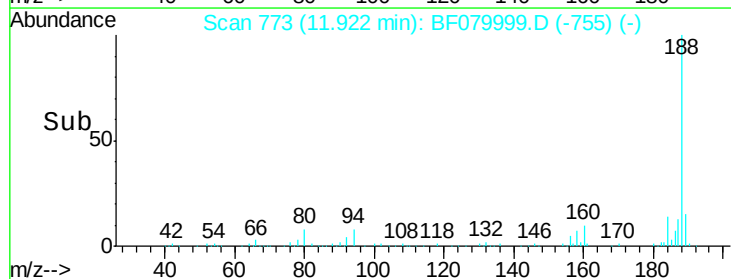
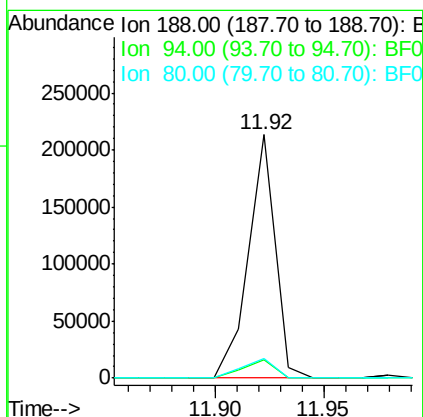
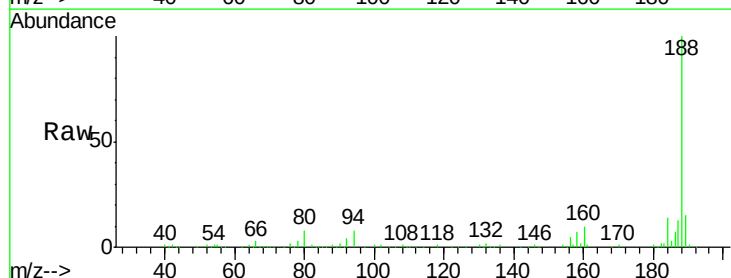
Instrument :
 BNA_F
 ClientSampleId :
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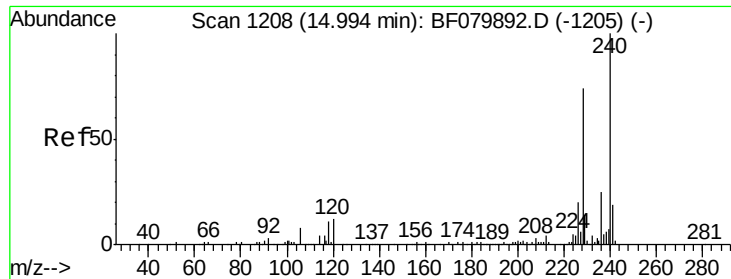
Tgt Ion:165 Resp: 525
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.4 69.6#
 89 0.0 49.6 74.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF079999.D
 Acq: 16 Jun 2015 19:22

Tgt Ion:188 Resp: 182771
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.8 8.8
 80 8.0 5.9 8.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF079999.D

Acq: 16 Jun 2015 19:22

Instrument :

BNA_F

ClientSampleId :

1506093207

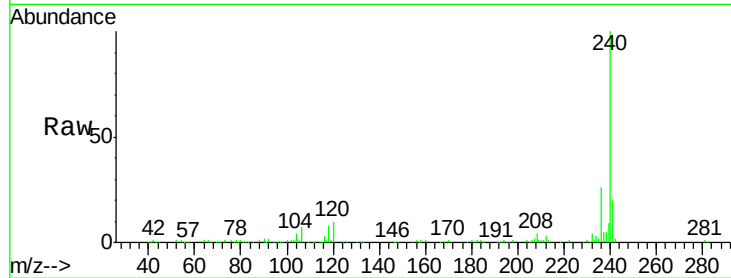
Tgt Ion:240 Resp: 199653

Ion Ratio Lower Upper

240 100

120 9.6 9.4 14.2

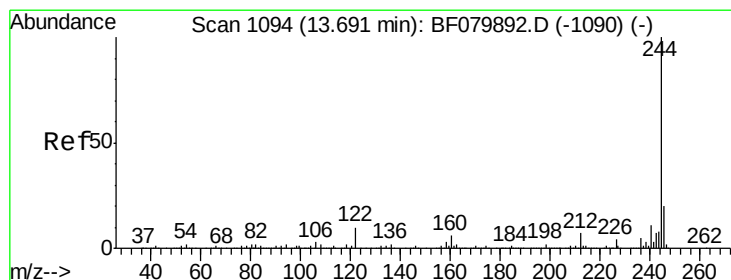
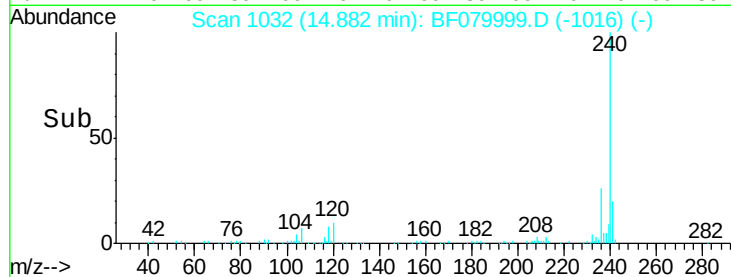
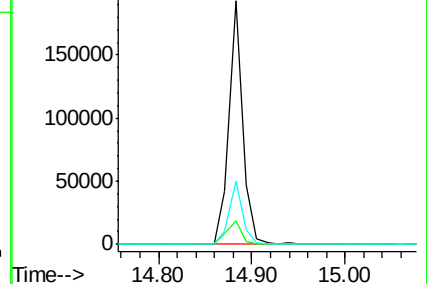
236 25.7 19.6 29.4



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: 59.90 ng

RT: 13.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF079999.D

Acq: 16 Jun 2015 19:22

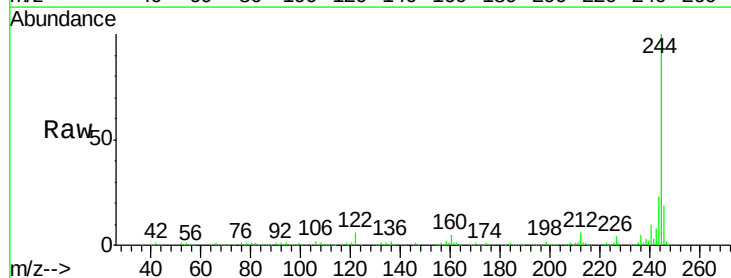
Tgt Ion:244 Resp: 518753

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

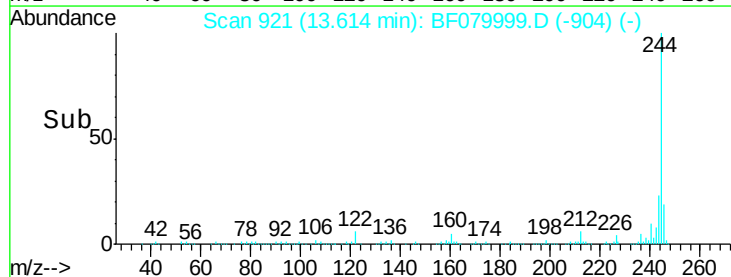
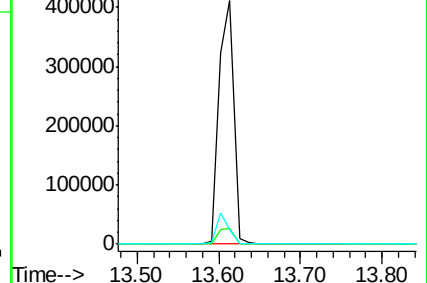
122 5.7 7.8 11.8#

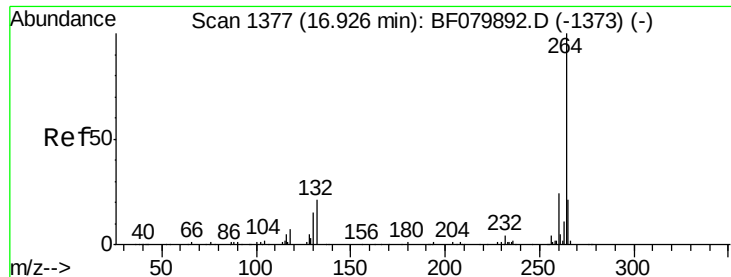


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

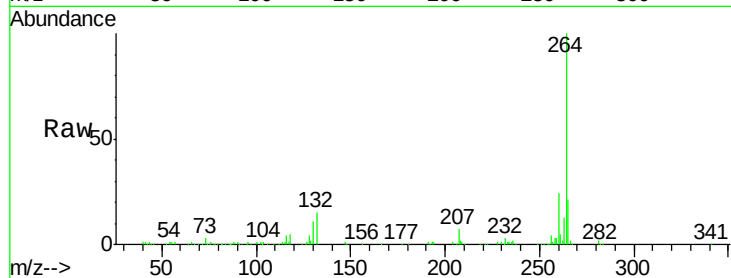




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.78 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF079999.D
Acq: 16 Jun 2015 19:22

Instrument :
BNA_F
ClientSampleId :
1506093207

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	20.9	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

