

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079961.D
 Acq On : 13 Jun 2015 6:19
 Operator : TP/IZ
 Sample : G2612-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1506013175

Quant Time: Jun 15 00:53:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

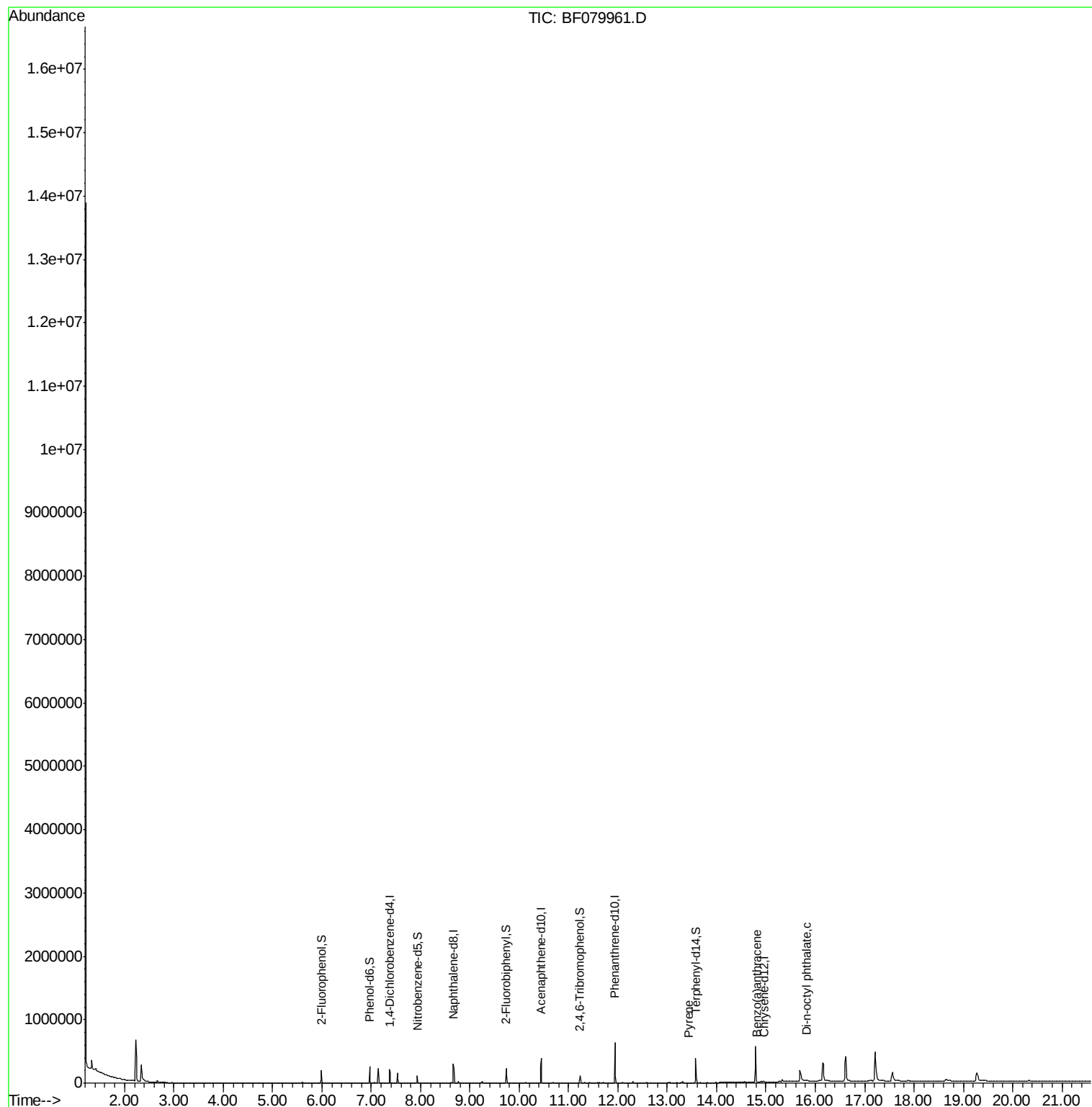
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	45114	20.00	ng	0.00
21) Naphthalene-d8	8.66	136	185318	20.00	ng	-0.01
38) Acenaphthene-d10	10.44	164	98848	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	223798	20.00	ng	-0.03
75) Chrysene-d12	14.96	240	237	20.00	ng	-0.18
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	53873	21.90	ng	0.00
7) Phenol-d6	6.97	99	75890	22.64	ng	0.00
23) Nitrobenzene-d5	7.93	82	32893	11.71	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	13303	16.03	ng	-0.01
44) 2-Fluorobiphenyl	9.74	172	91989	13.03	ng	-0.01
78) Terphenyl-d14	13.58	244	129449	12592.70	ng	-0.19
Target Compounds						
77) Pyrene	13.44	202	355	23.85	ng	# 57
80) Benzo(a)anthracene	14.82	228	615	40.87	ng	# 51
84) Di-n-octyl phthalate	15.82	149	540	41.16	ng	# 74

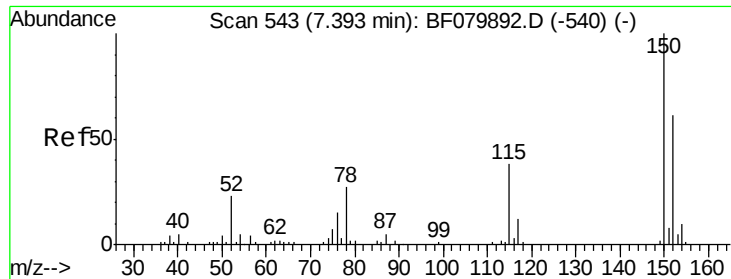
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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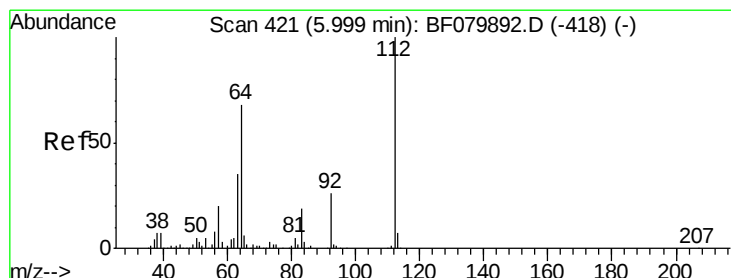
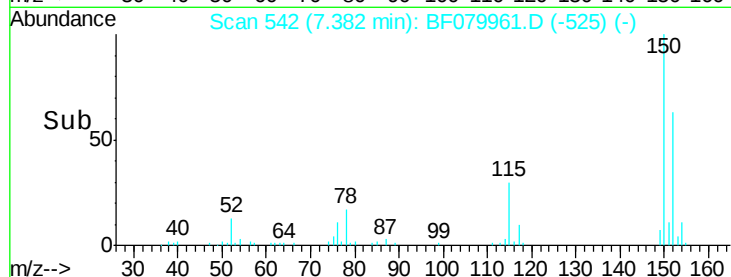
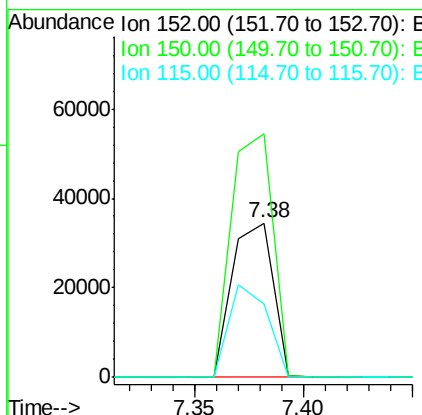
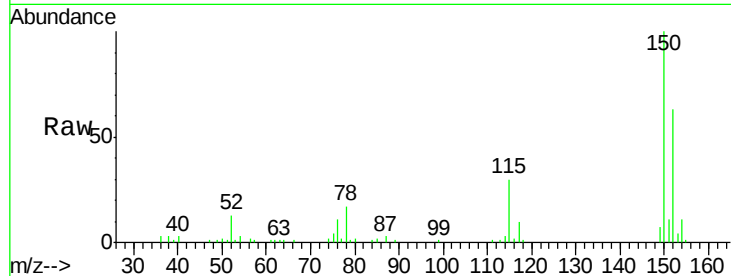


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079961.D
Acq: 13 Jun 2015 6:19

Instrument :
BNA_F
ClientSampleId :
1506013175

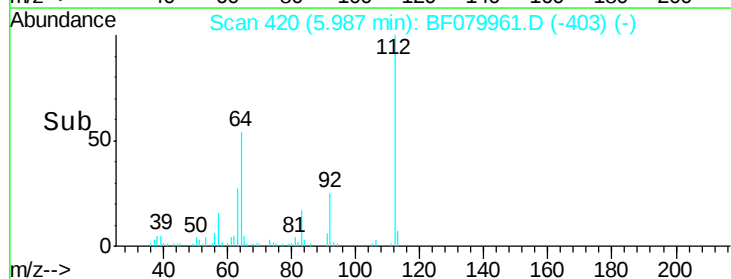
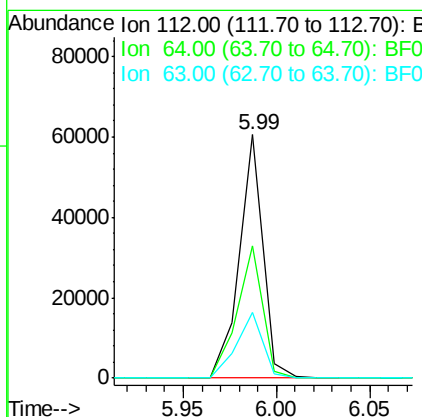
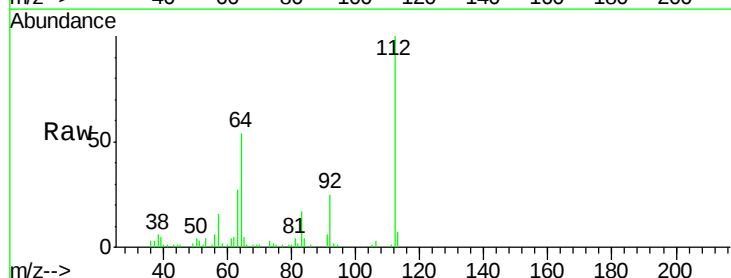
Tgt Ion:152 Resp: 45114
Ion Ratio Lower Upper
152 100
150 157.9 131.0 196.4
115 47.8 49.8 74.6#

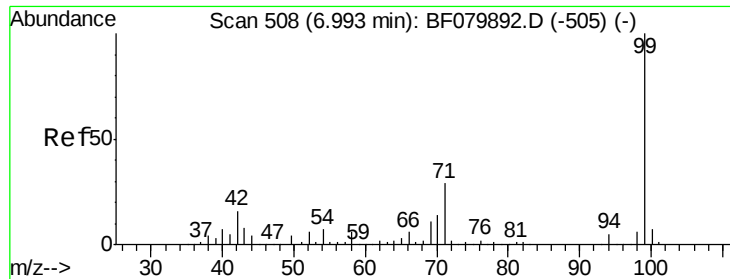


#5

2-Fluorophenol
Concen: 21.90 ng
RT: 5.99 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF079961.D
Acq: 13 Jun 2015 6:19

Tgt Ion:112 Resp: 53873
Ion Ratio Lower Upper
112 100
64 54.2 54.5 81.7#
63 27.1 27.9 41.9#





#7

Phenol-d6

Concen: 22.64 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079961.D

Acq: 13 Jun 2015 6:19

Instrument :

BNA_F

ClientSampleId :

1506013175

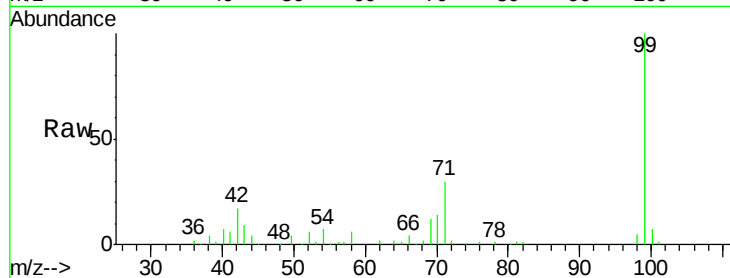
Tgt Ion: 99 Resp: 75890

Ion Ratio Lower Upper

99 100

42 17.1 12.9 19.3

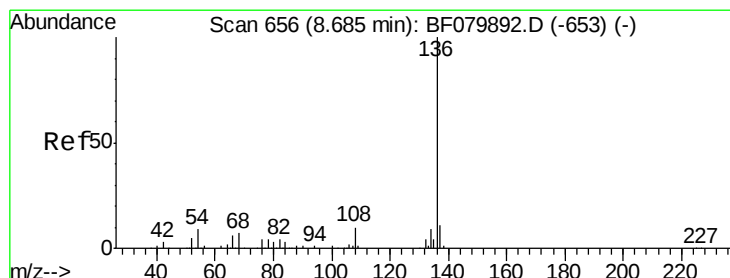
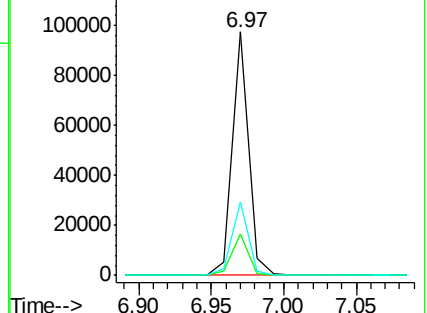
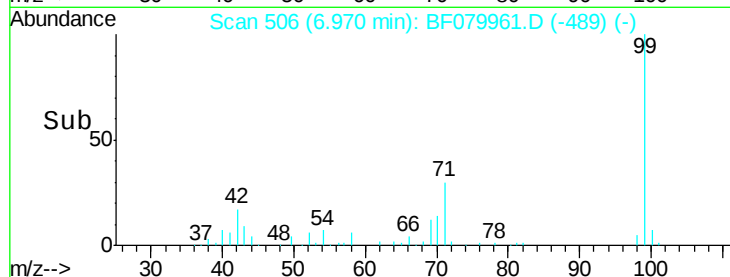
71 30.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF079961.D

Acq: 13 Jun 2015 6:19

Tgt Ion: 136 Resp: 185318

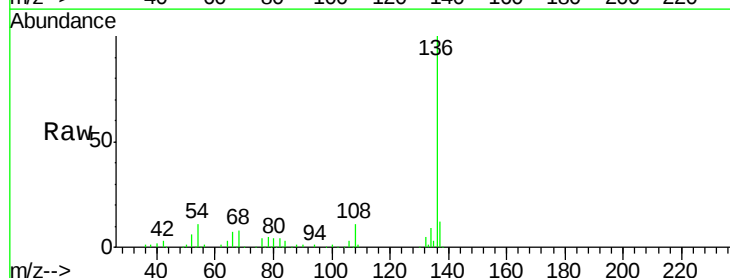
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 11.2 7.3 10.9#

68 8.1 5.9 8.9

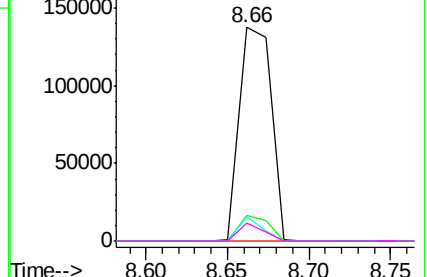
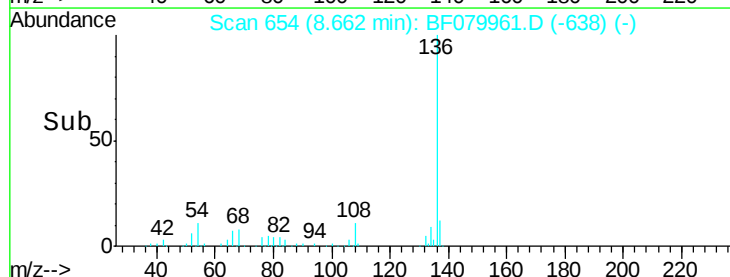


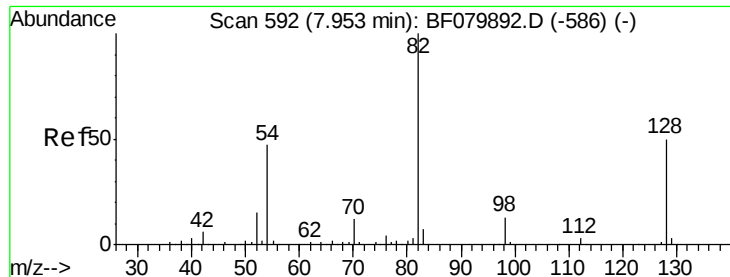
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

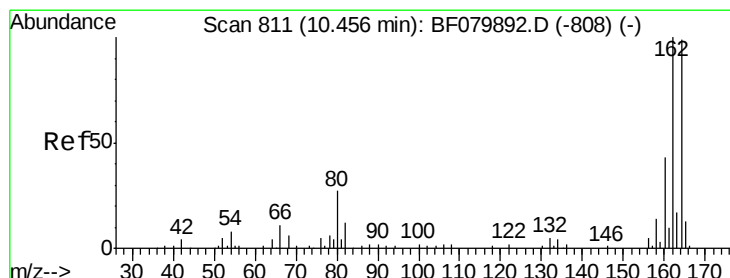
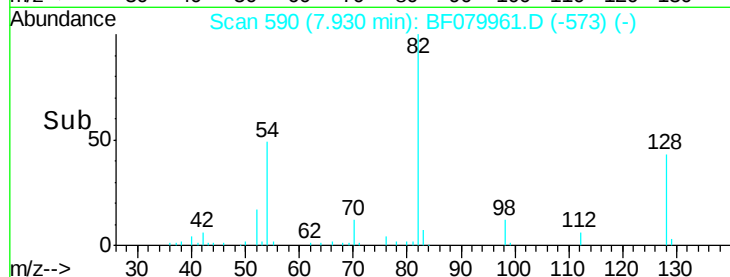
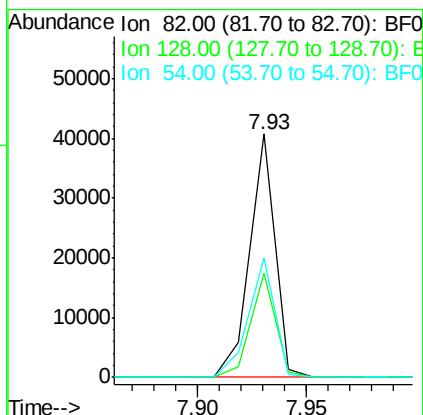
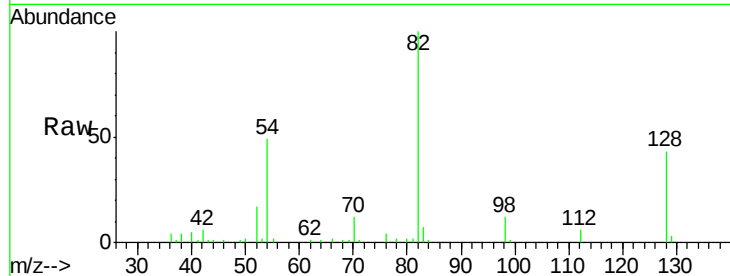




#23
 Nitrobenzene-d5
 Concen: 11.71 ng
 RT: 7.93 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF079961.D
 Acq: 13 Jun 2015 6:19

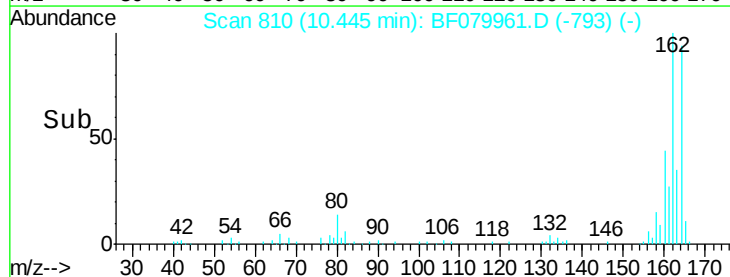
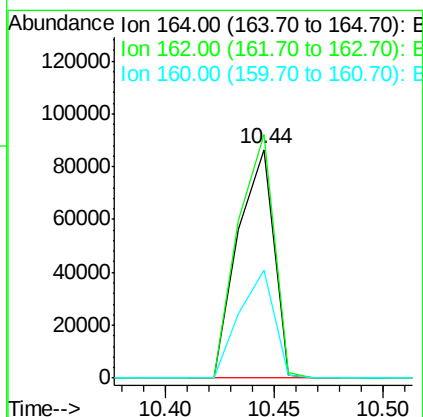
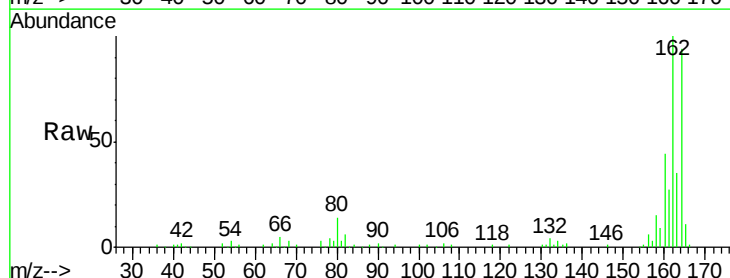
Instrument :
 BNA_F
 ClientSampleId :
 1506013175

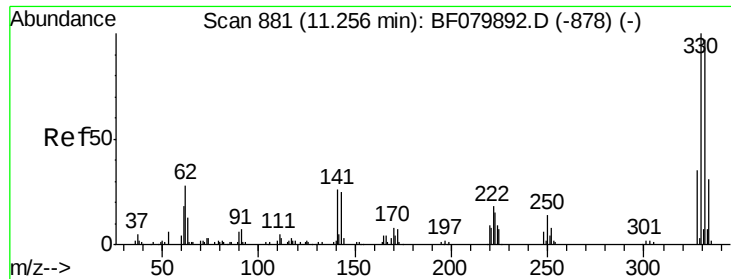
Tgt Ion: 82 Resp: 32893
 Ion Ratio Lower Upper
 82 100
 128 42.6 40.3 60.5
 54 49.1 38.0 57.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079961.D
 Acq: 13 Jun 2015 6:19

Tgt Ion: 164 Resp: 98848
 Ion Ratio Lower Upper
 164 100
 162 106.5 80.7 121.1
 160 47.1 34.6 51.8

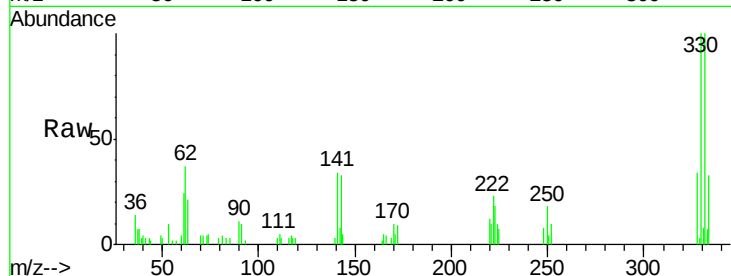




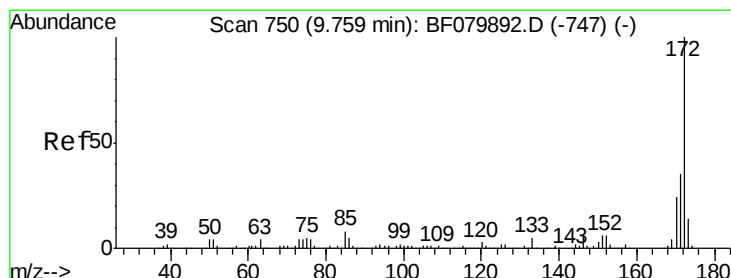
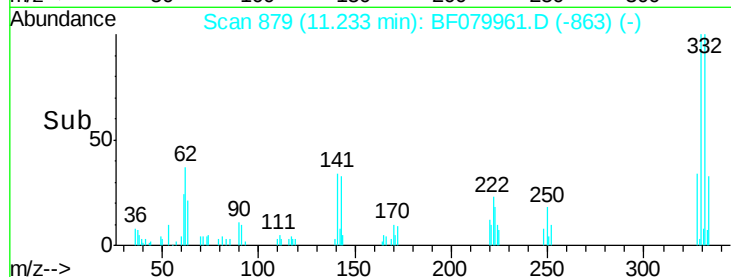
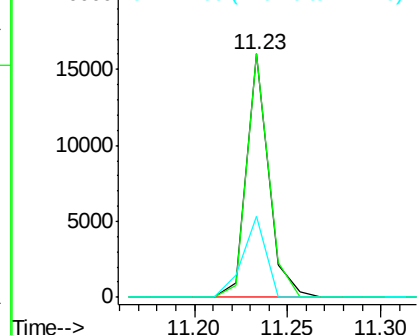
#41
 2,4,6-Tribromophenol
 Concen: 16.03 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079961.D
 Acq: 13 Jun 2015 6:19

Instrument :
 BNA_F
 ClientSampleId :
 1506013175

Tgt Ion:330 Resp: 13303
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.3 115.9
 141 35.4 26.8 40.2

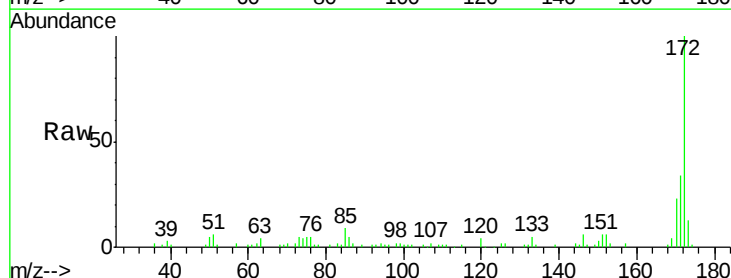


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

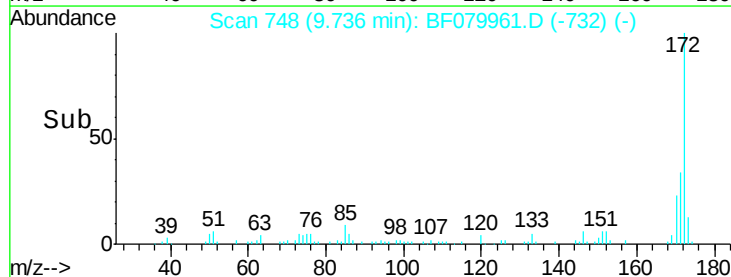
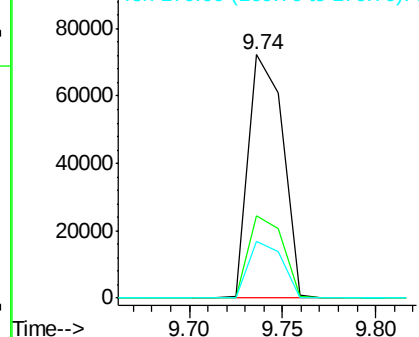


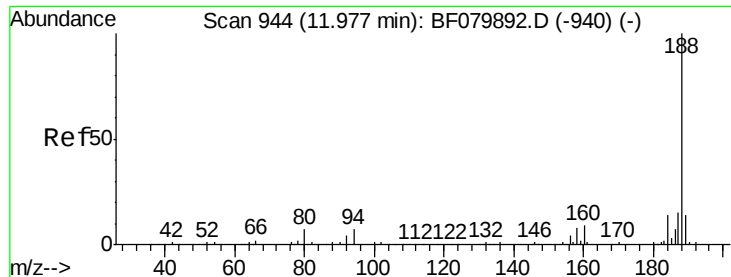
#44
 2-Fluorobiphenyl
 Concen: 13.03 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF079961.D
 Acq: 13 Jun 2015 6:19

Tgt Ion:172 Resp: 91989
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.3 42.5
 170 23.5 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

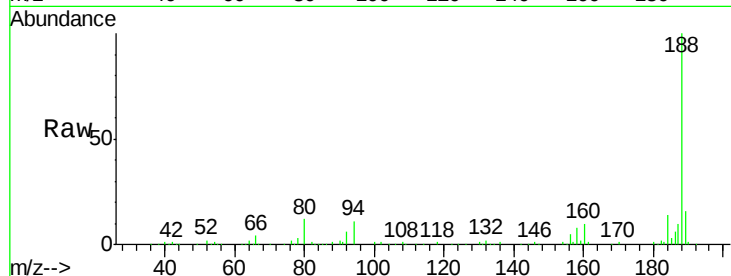




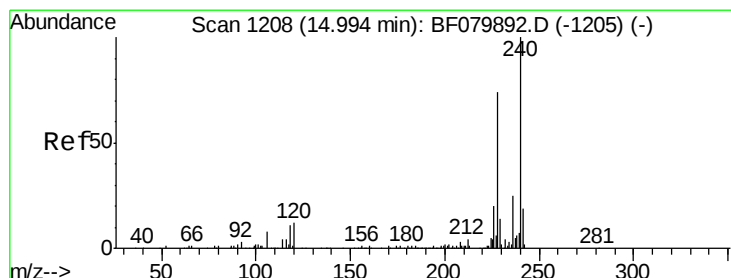
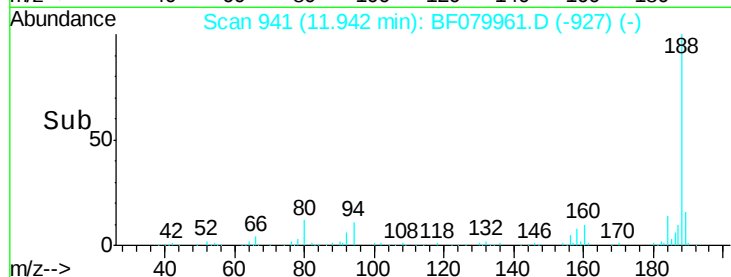
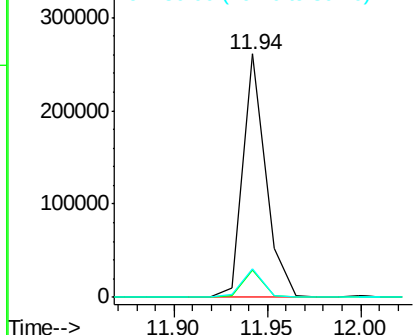
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079961.D
Acq: 13 Jun 2015 6:19

Instrument :
BNA_F
ClientSampleId :
1506013175

Tgt Ion:188 Resp: 223798
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 11.6 5.9 8.9#

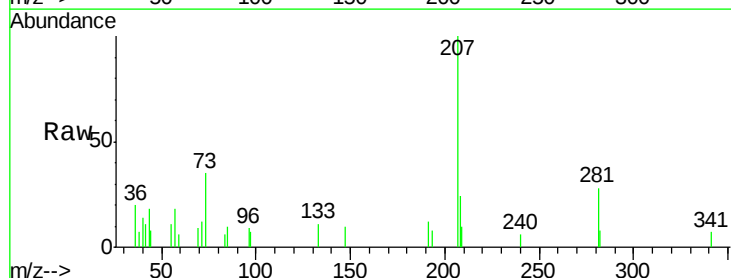


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

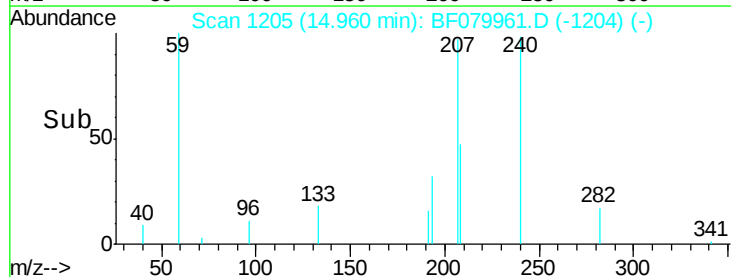
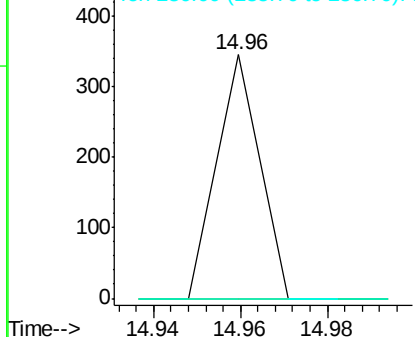


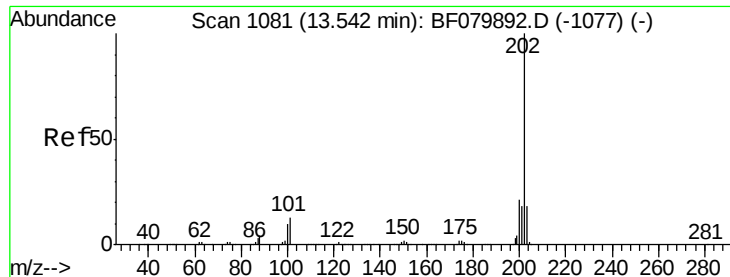
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.18 min
Lab File: BF079961.D
Acq: 13 Jun 2015 6:19

Tgt Ion:240 Resp: 237
Ion Ratio Lower Upper
240 100
120 0.0 9.4 14.2#
236 0.0 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

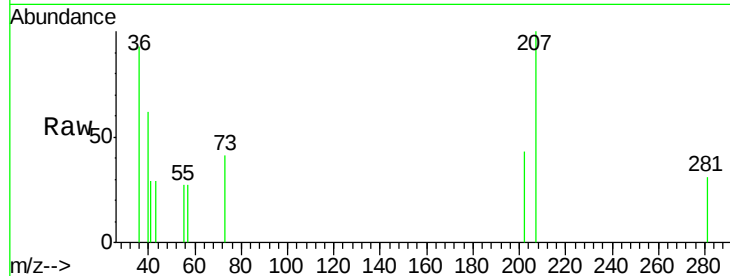




#77
 Pyrene
 Concen: 23.85 ng
 RT: 13.44 min Scan# 1072
 Delta R.T. -0.17 min
 Lab File: BF079961.D
 Acq: 13 Jun 2015 6:19

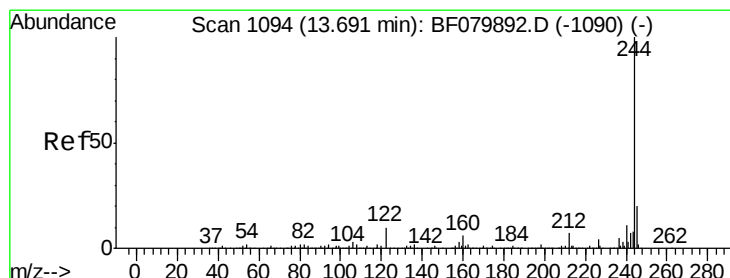
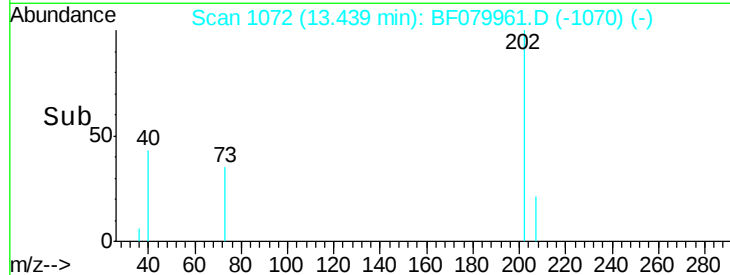
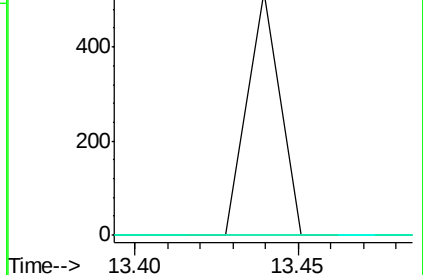
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 1506013175

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.8	25.2
203	0.0	14.4	21.6



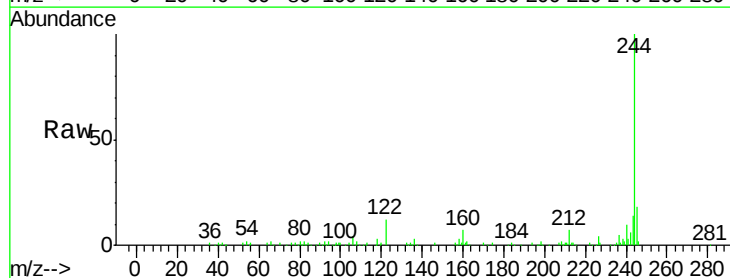
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

13.44



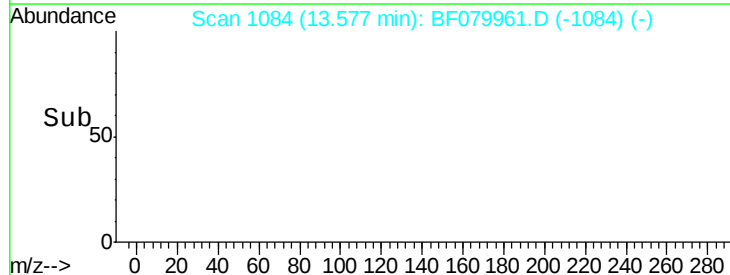
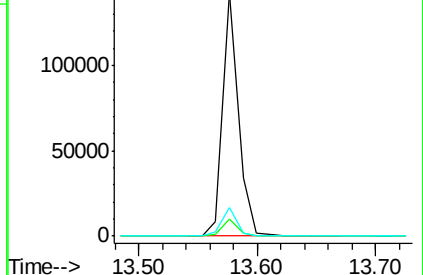
#78
 Terphenyl-d14
 Concen: 12592.70 ng
 RT: 13.58 min Scan# 1084
 Delta R.T. -0.19 min
 Lab File: BF079961.D
 Acq: 13 Jun 2015 6:19

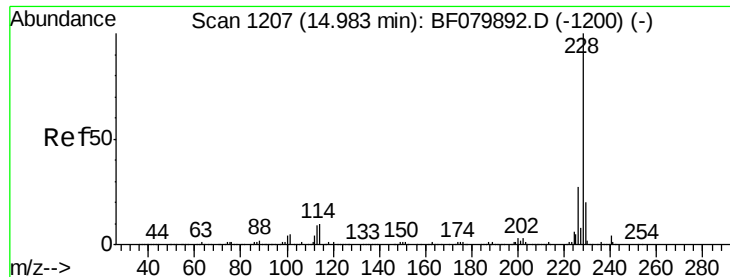
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.7	7.8	11.8



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

13.58





#80

Benzo(a)anthracene

Concen: 40.87 ng

RT: 14.82 min Scan# 1193

Delta R.T. -0.30 min

Lab File: BF079961.D

Acq: 13 Jun 2015 6:19

Instrument :

BNA_F

ClientSampleId :

1506013175

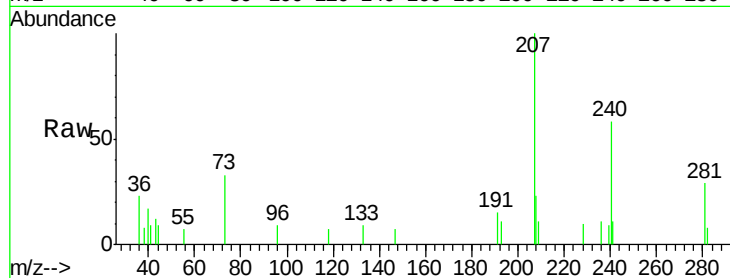
Tgt Ion:228 Resp: 615

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

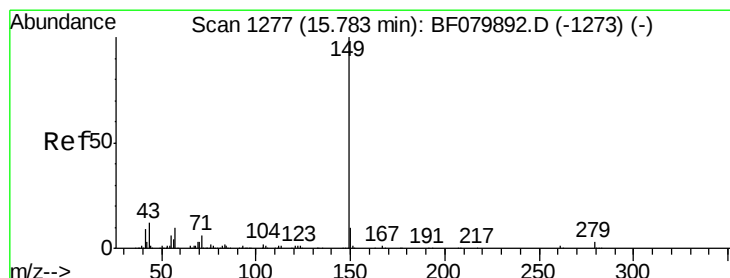
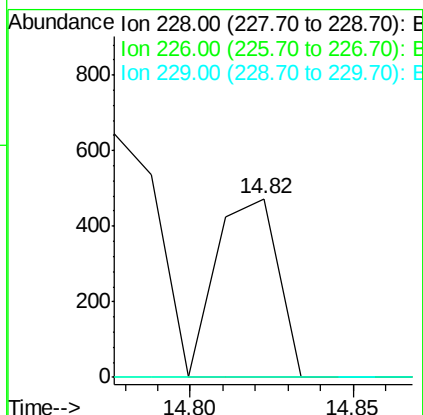
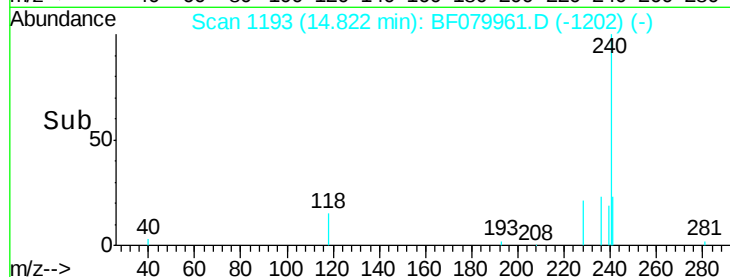
229 0.0 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 41.16 ng

RT: 15.82 min Scan# 1280

Delta R.T. -0.15 min

Lab File: BF079961.D

Acq: 13 Jun 2015 6:19

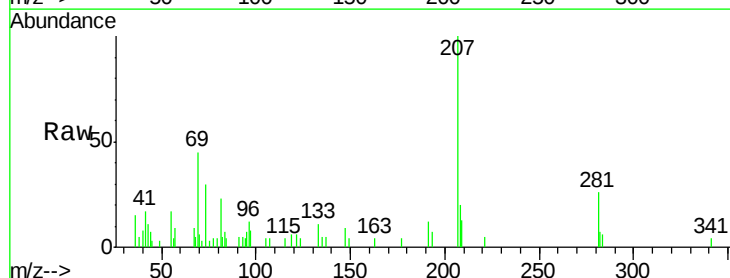
Tgt Ion:149 Resp: 540

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

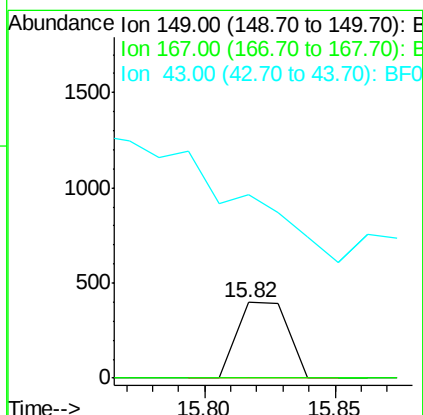
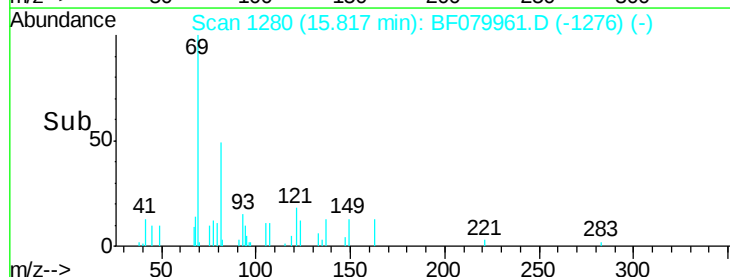
43 0.0 8.8 13.2#

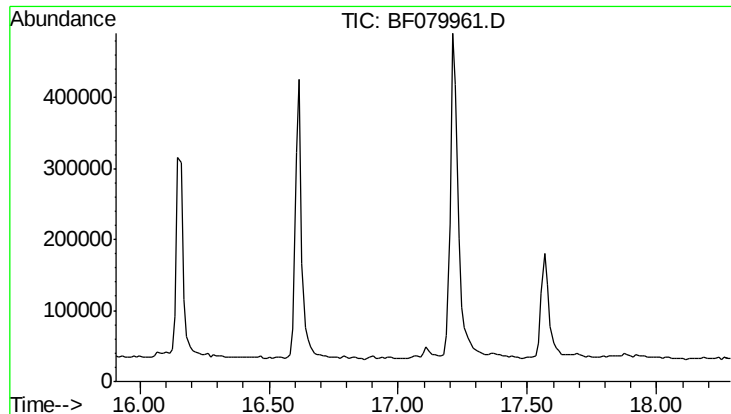


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.10 min
Lab File: BF079961.D
Acq: 13 Jun 2015 6:19

Instrument :
BNA_F
ClientSampleId :
1506013175

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.1
265 21.3

