

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079525.D
 Acq On : 27 May 2015 18:31
 Operator : TP/IZ
 Sample : G2404-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-1-3-1-A(1.5-2.0)

Quant Time: May 28 00:57:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 00:48:25 2015
 Response via : Initial Calibration

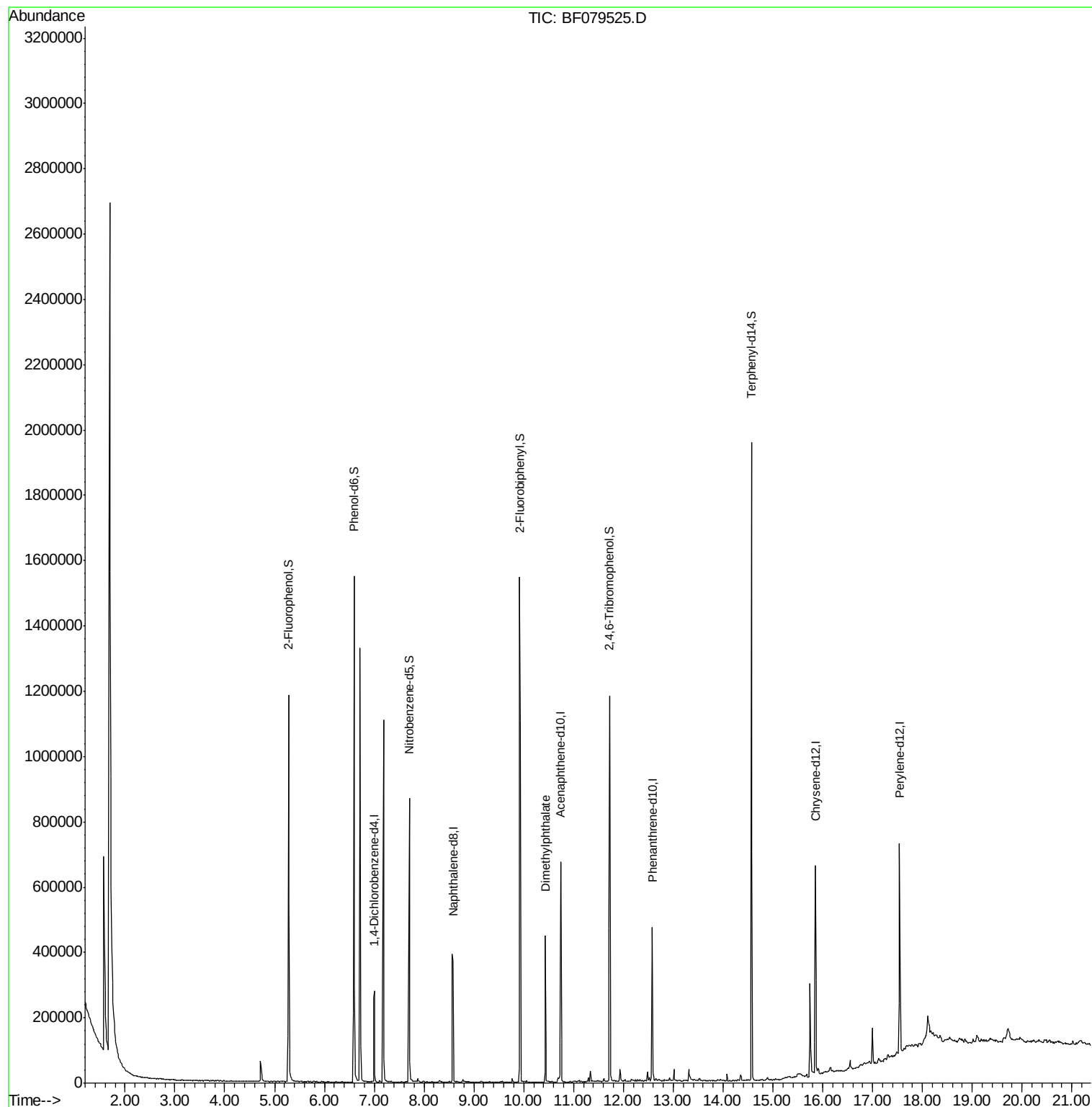
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	65487	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	274439	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	138374	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	252484	20.00	ng	0.00
75) Chrysene-d12	15.85	240	259565	20.00	ng	-0.09
86) Perylene-d12	17.54	264	273845	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	384708	101.89	ng	0.00
7) Phenol-d6	6.59	99	550264	114.34	ng	0.00
23) Nitrobenzene-d5	7.70	82	324561	68.36	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	169118	111.27	ng	-0.01
44) 2-Fluorobiphenyl	9.92	172	656697	67.71	ng	-0.01
78) Terphenyl-d14	14.57	244	729600	65.97	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.43	163	189368	18.57	ng	99
73) Di-n-butylphthalate	13.34	149	1603	Below Cal	#	78
89) Benzo(a)pyrene	17.49	252	5095	Below Cal	#	85
90) Dibenzo(a,h)anthracene	18.93	278	222	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.23	276	4452	Below Cal		94

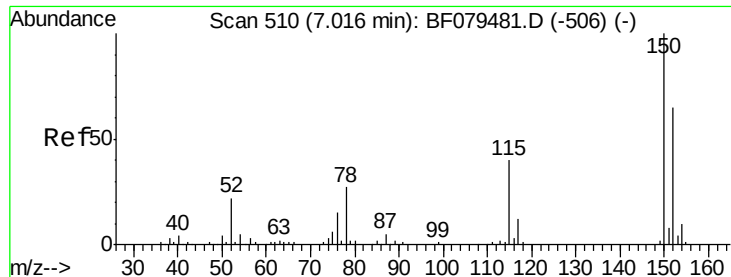
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF079525.D

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Instrument :

BNA_F

ClientSampleId :

REC-1-3-1-A(1.5-2.0)

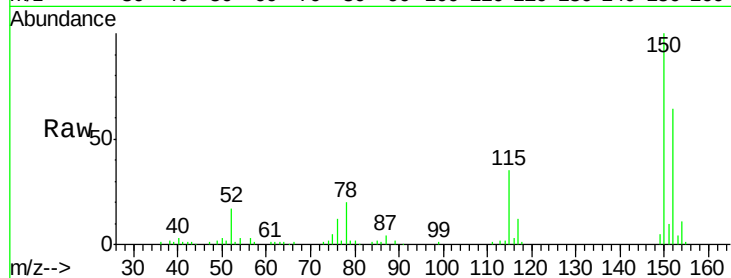
Tgt Ion:152 Resp: 65487

Ion Ratio Lower Upper

152 100

150 156.1 124.0 186.0

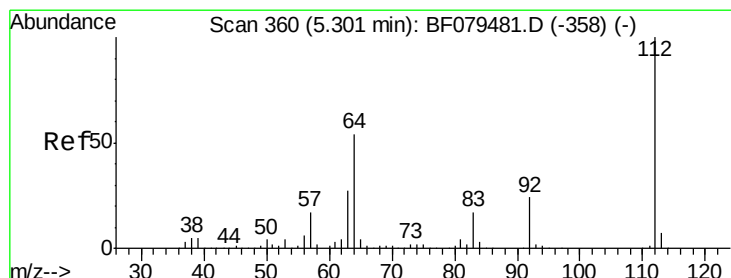
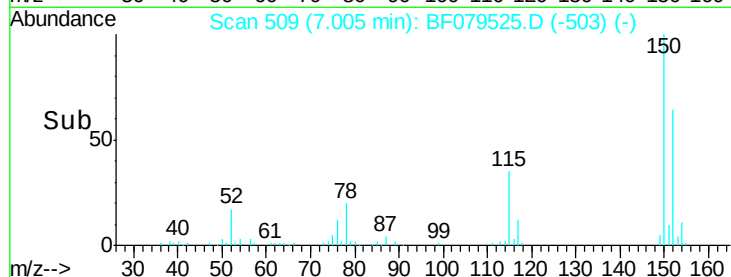
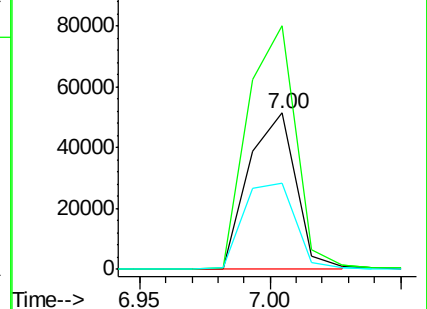
115 55.1 49.6 74.4



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: 101.89 ng

RT: 5.28 min Scan# 358

Delta R.T. 0.00 min

Lab File: BF079525.D

Acq: 27 May 2015 18:31

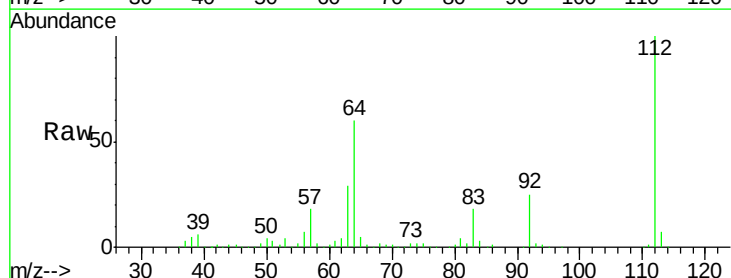
Tgt Ion:112 Resp: 384708

Ion Ratio Lower Upper

112 100

64 59.7 43.5 65.3

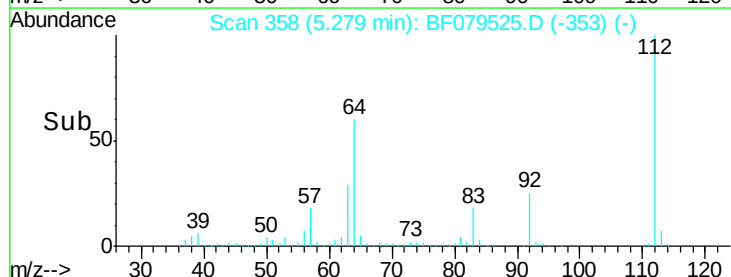
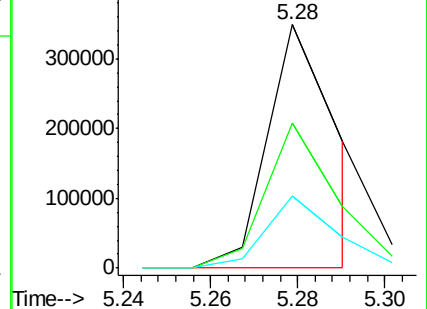
63 29.4 21.8 32.8

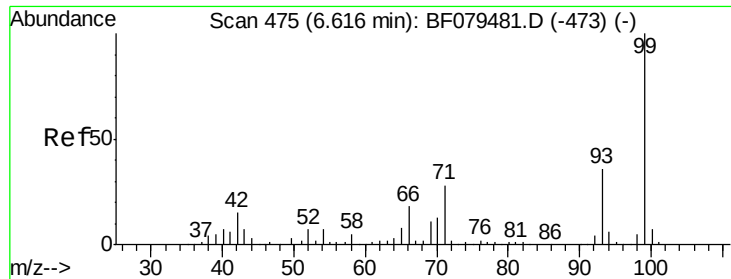


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.34 ng

RT: 6.59 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF079525.D

Acq: 27 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

REC-1-3-1-A(1.5-2.0)

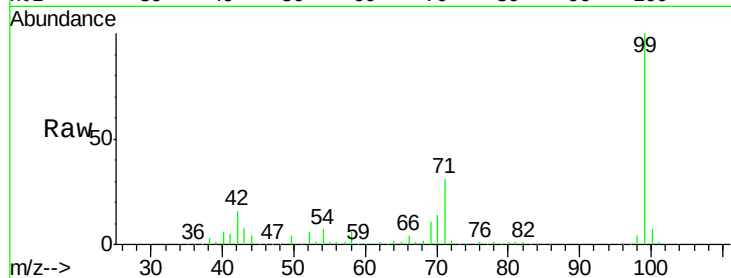
Tgt Ion: 99 Resp: 550264

Ion Ratio Lower Upper

99 100

42 16.5 11.9 17.9

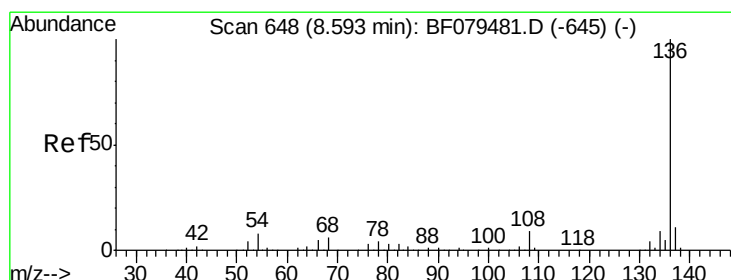
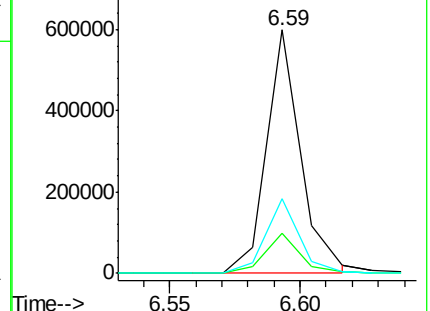
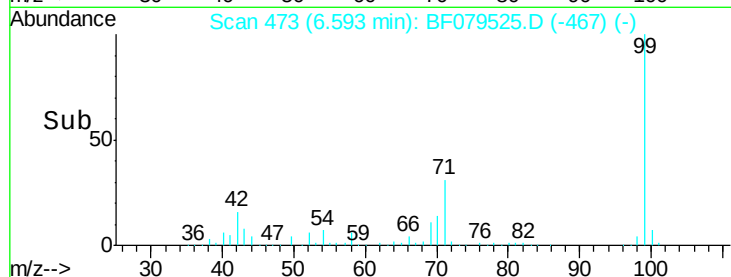
71 30.8 22.1 33.1



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: 8.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF079525.D

Acq: 27 May 2015 18:31

Tgt Ion: 136 Resp: 274439

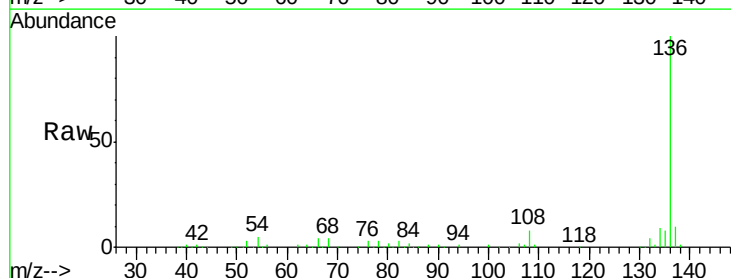
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 5.5 6.6 9.8#

68 4.5 4.7 7.1#

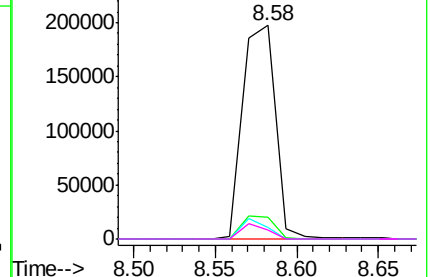
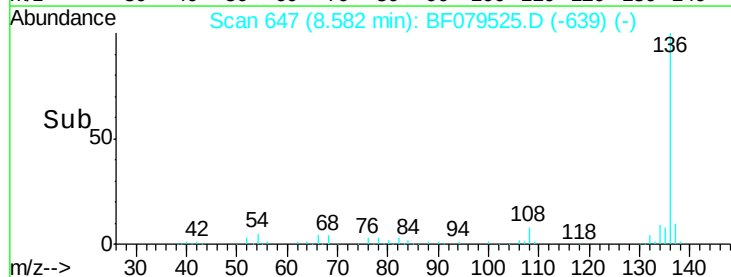


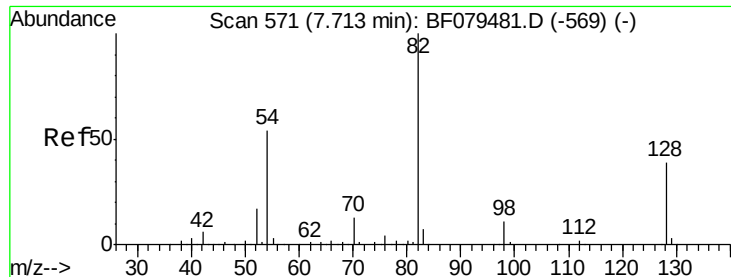
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.36 ng

RT: 7.70 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF079525.D

Acq: 27 May 2015 18:31

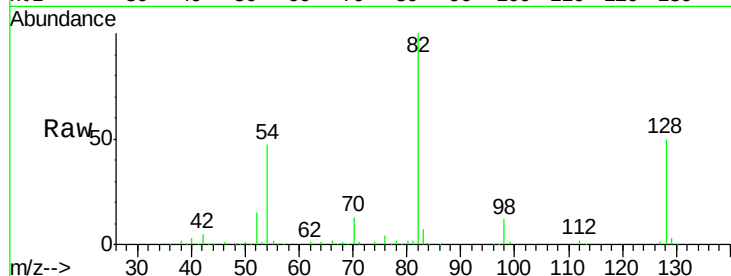
Instrument :

BNA_F

ClientSampleId :

REC-1-3-1-A(1.5-2.0)

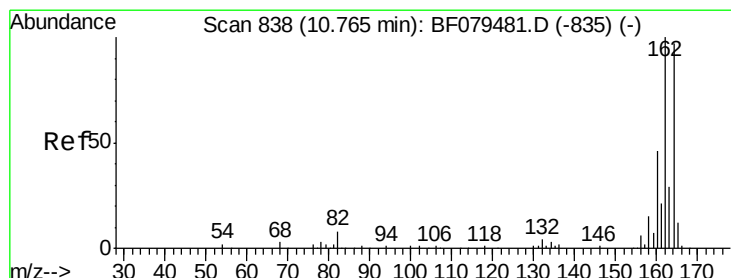
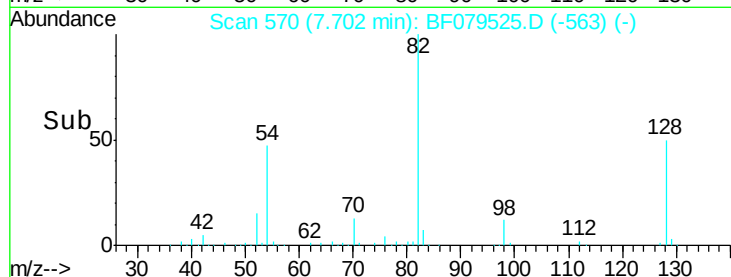
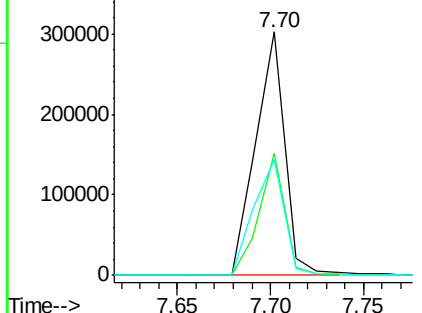
Tgt Ion:	82	Resp:	324561
Ion	Ratio	Lower	Upper
82	100		
128	50.4	30.8	46.2#
54	47.3	42.8	64.2



Abundance Ion 82.00 (81.70 to 82.70): BF079481.D (-569) (-)

Ion 128.00 (127.70 to 128.70): BF079481.D (-569) (-)

Ion 54.00 (53.70 to 54.70): BF079481.D (-569) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

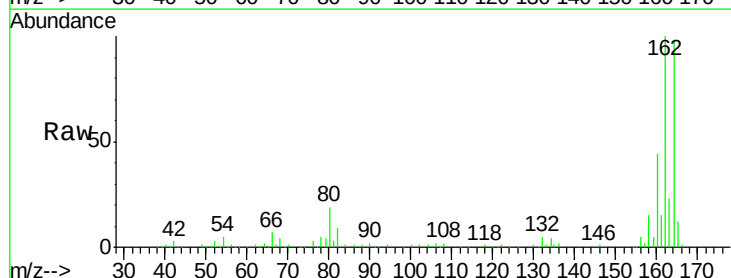
RT: 10.74 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF079525.D

Acq: 27 May 2015 18:31

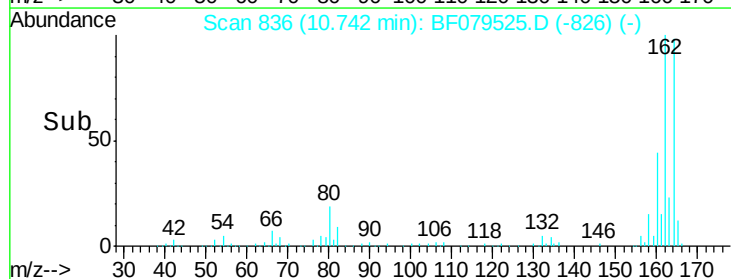
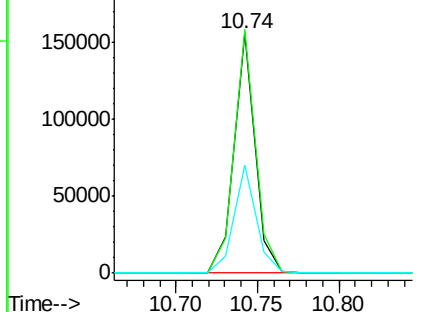
Tgt Ion:	164	Resp:	138374
Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	44.8	37.7	56.5

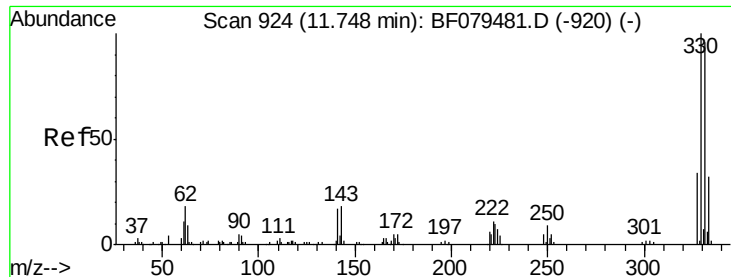


Abundance Ion 164.00 (163.70 to 164.70): BF079481.D (-835) (-)

Ion 162.00 (161.70 to 162.70): BF079481.D (-835) (-)

Ion 160.00 (159.70 to 160.70): BF079481.D (-835) (-)

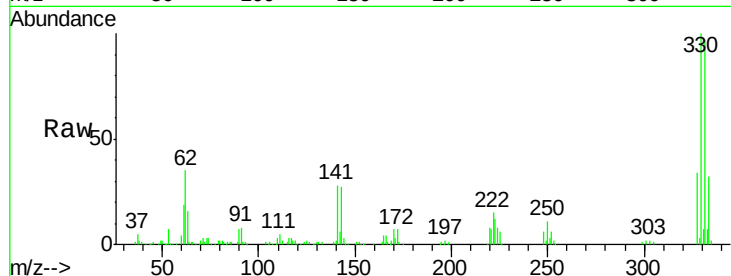




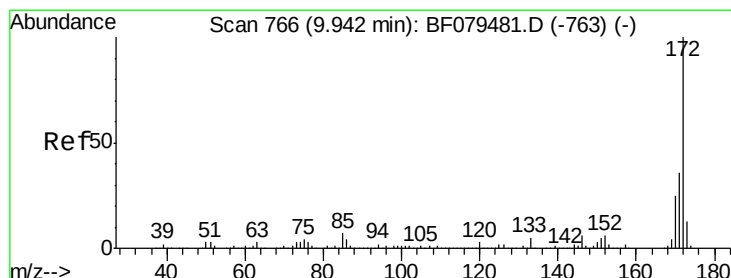
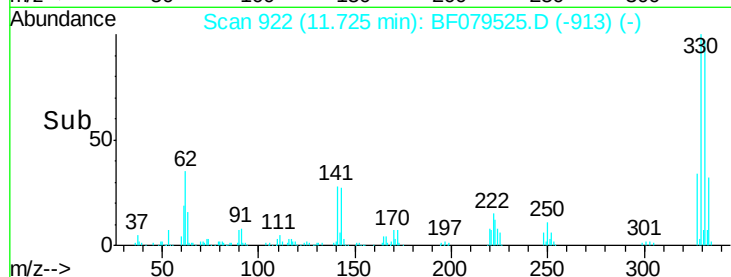
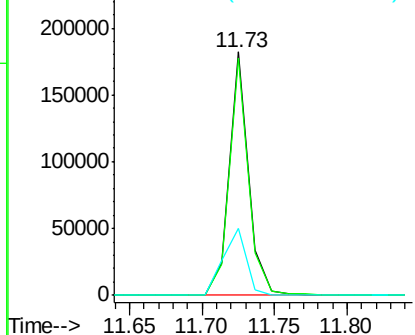
#41
 2,4,6-Tribromophenol
 Concen: 111.27 ng
 RT: 11.73 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079525.D
 Acq: 27 May 2015 18:31

Instrument :
 BNA_F
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 REC-1-3-1-A(1.5-2.0)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	33.3	0.0	0.0#

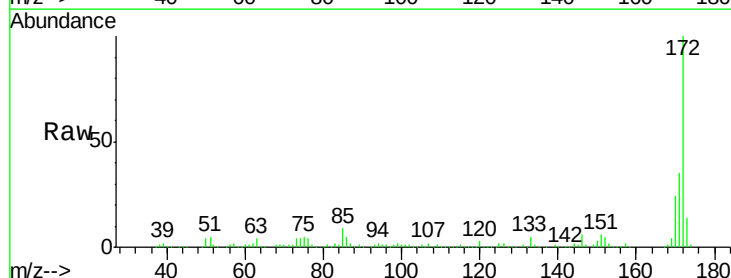


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

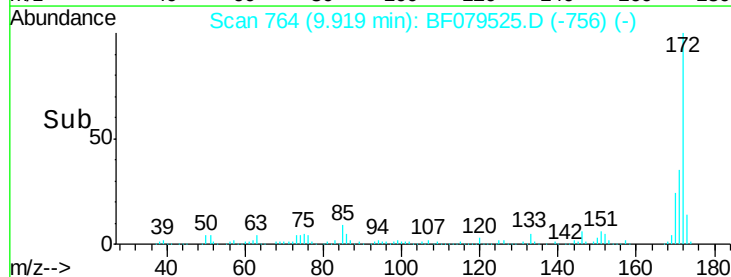
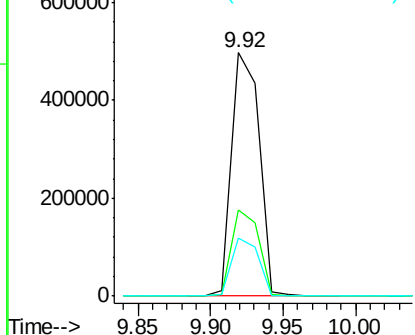


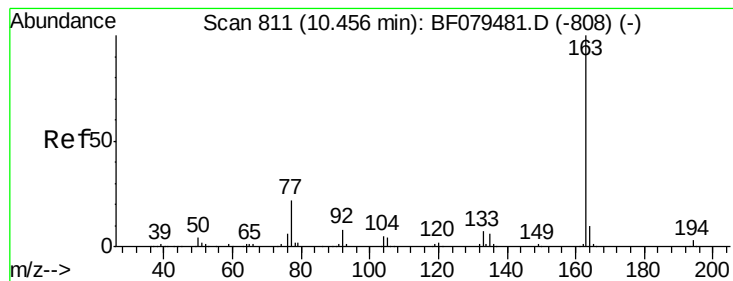
#44
 2-Fluorobiphenyl
 Concen: 67.71 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF079525.D
 Acq: 27 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.1	19.7	29.5



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: 18.57 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF079525.D

Acq: 27 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

REC-1-3-1-A(1.5-2.0)

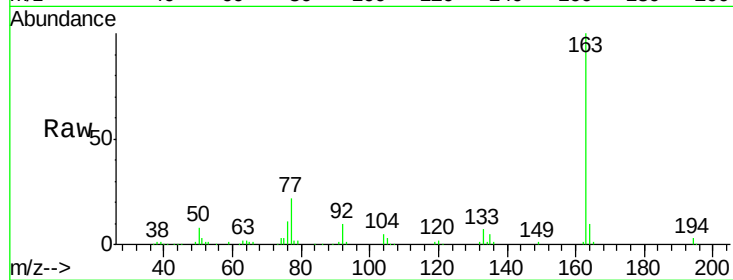
Tgt Ion:163 Resp: 189368

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

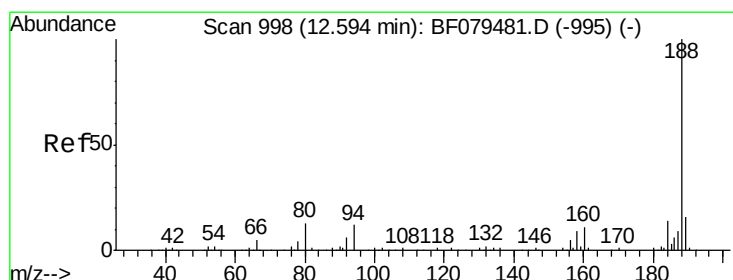
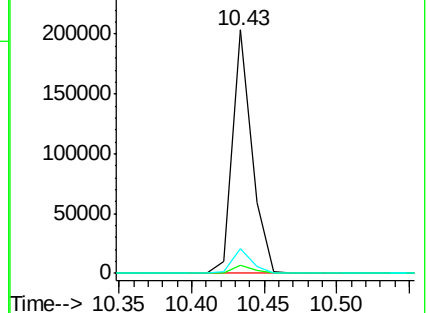
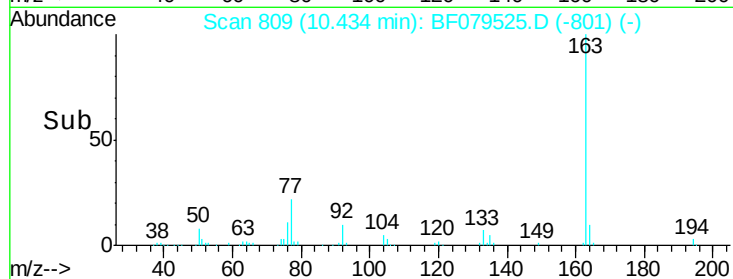
164 10.1 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.58 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF079525.D

Acq: 27 May 2015 18:31

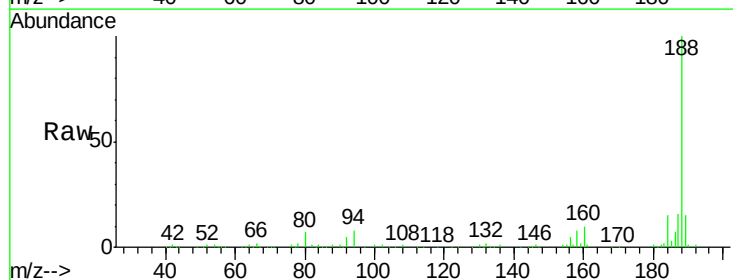
Tgt Ion:188 Resp: 252484

Ion Ratio Lower Upper

188 100

94 8.1 9.8 14.6#

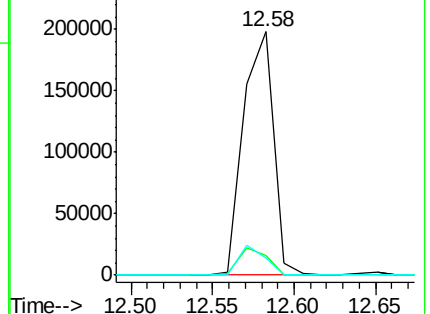
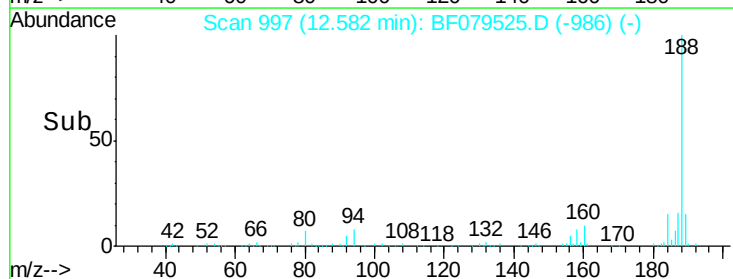
80 7.2 10.5 15.7#

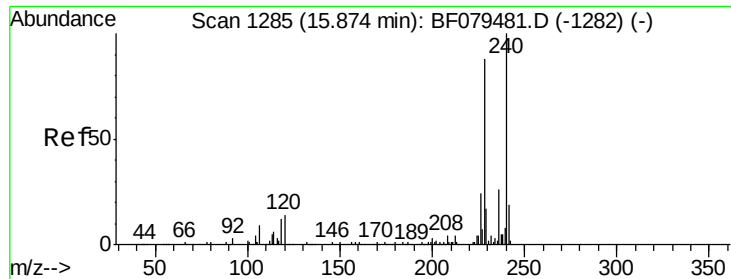


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

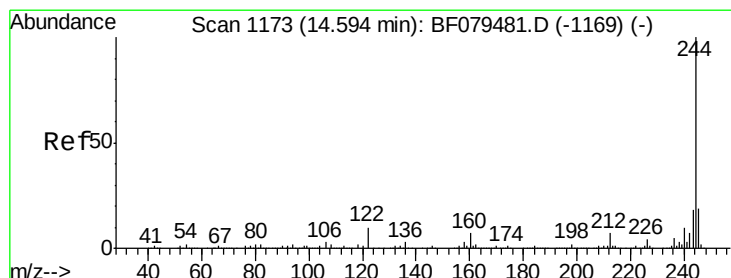
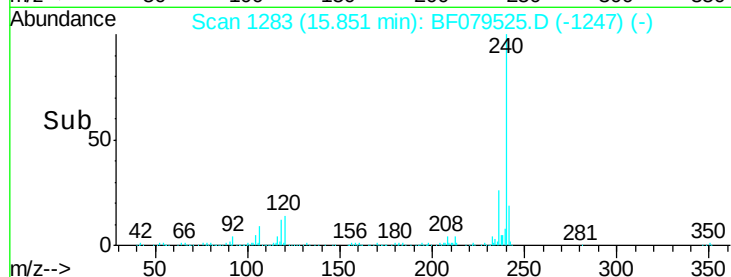
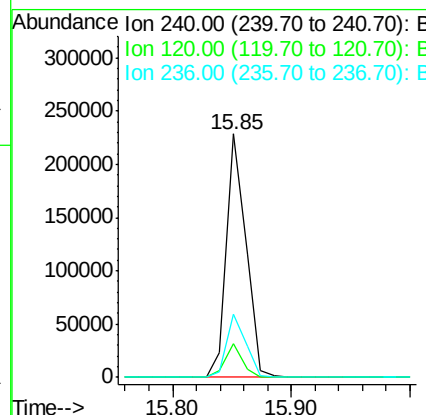
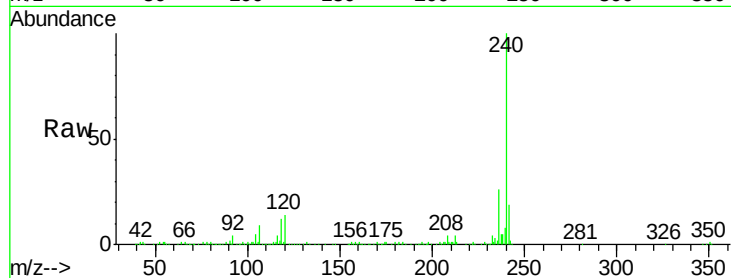




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.85 min Scan# 1283
 Delta R.T. -0.09 min
 Lab File: BF079525.D
 Acq: 27 May 2015 18:31

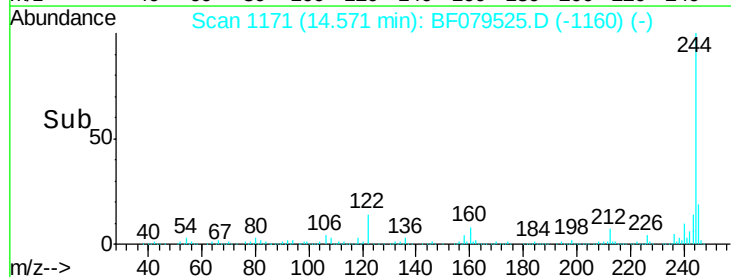
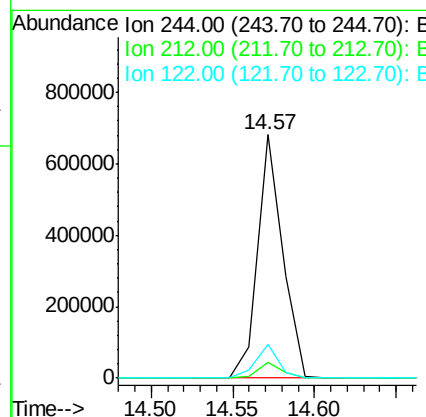
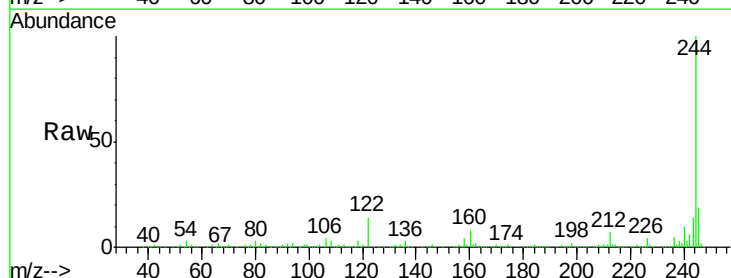
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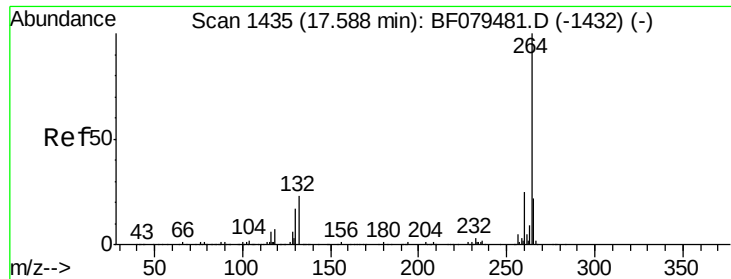
Tgt Ion:240 Resp: 259565
 Ion Ratio Lower Upper
 240 100
 120 13.8 10.8 16.2
 236 25.8 21.0 31.6



#78
 Terphenyl-d14
 Concen: 65.97 ng
 RT: 14.57 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF079525.D
 Acq: 27 May 2015 18:31

Tgt Ion:244 Resp: 729600
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 13.9 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1431
Delta R.T. -0.34 min
Lab File: BF079525.D
Acq: 27 May 2015 18:31

Instrument :
BNA_F
ClientSampleId :
REC-1-3-1-A(1.5-2.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.8	17.8	26.6

