

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079591.D
 Acq On : 30 May 2015 8:02
 Operator : TP/IZ
 Sample : G2416-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.2(4)

Quant Time: May 31 05:30:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

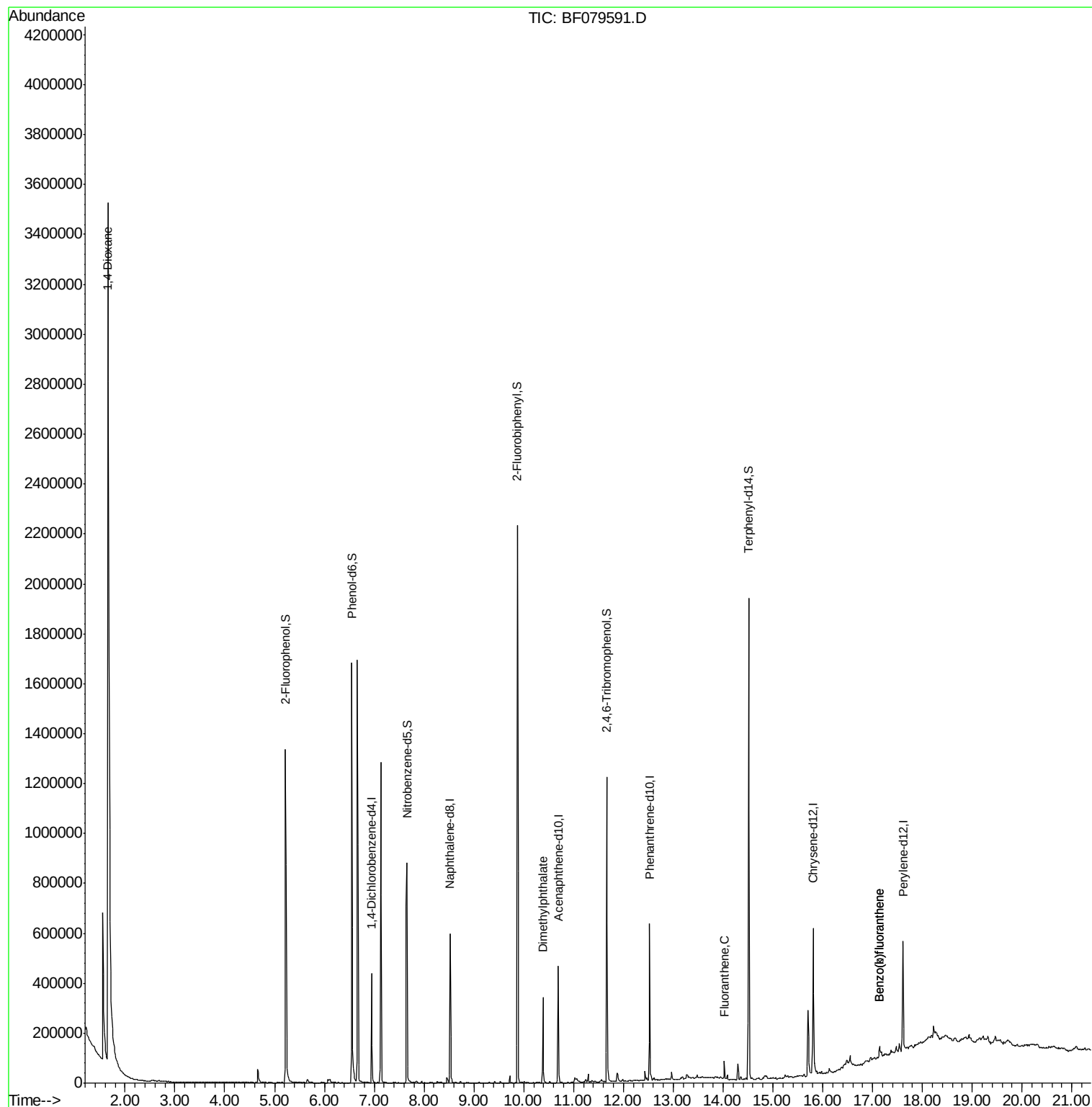
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74053	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	290888	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	132789	20.00	ng	-0.01
63) Phenanthrene-d10	12.53	188	243710	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	244618	20.00	ng	-0.03
86) Perylene-d12	17.61	264	262655	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	544751	127.59	ng	-0.01
7) Phenol-d6	6.55	99	707981	130.10	ng	-0.01
23) Nitrobenzene-d5	7.66	82	411233	81.72	ng	-0.01
41) 2,4,6-Tribromophenol	11.67	330	192645	132.08	ng	-0.02
44) 2-Fluorobiphenyl	9.87	172	782203	84.04	ng	-0.01
78) Terphenyl-d14	14.51	244	793898	76.17	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.66	88	194388	95.71	ng	# 100
9) Benzaldehyde	6.55	77	837	Below Cal	#	1
49) Dimethylphthalate	10.39	163	144674	14.79	ng	100
73) Di-n-butylphthalate	13.29	149	2179	Below Cal	#	78
74) Fluoranthene	14.02	202	30001	2.09	ng	94
87) Benzo(b)fluoranthene	17.14	252	36099	2.41	ng	# 94
88) Benzo(k)fluoranthene	17.14	252	36099	2.69	ng	# 93
89) Benzo(a)pyrene	17.54	252	18508	Below Cal	#	88
90) Dibenzo(a,h)anthracene	18.96	278	5139	Below Cal	#	79
91) Benzo(g,h,i)perylene	19.31	276	14775	Below Cal		97

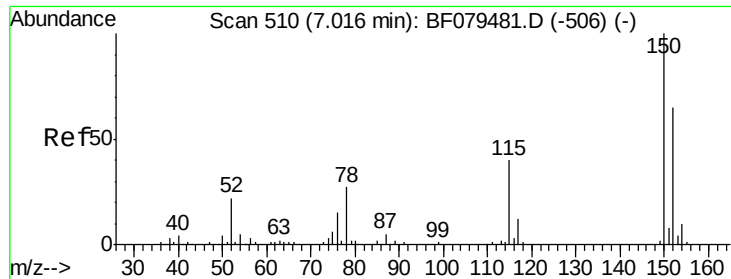
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF079591.D

Acq: 30 May 2015 8:02

Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.2(4)

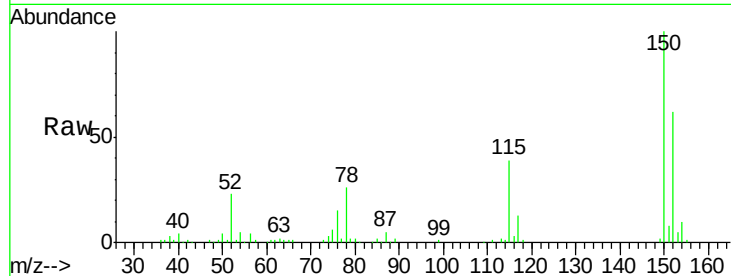
Tgt Ion:152 Resp: 74053

Ion Ratio Lower Upper

152 100

150 160.3 124.0 186.0

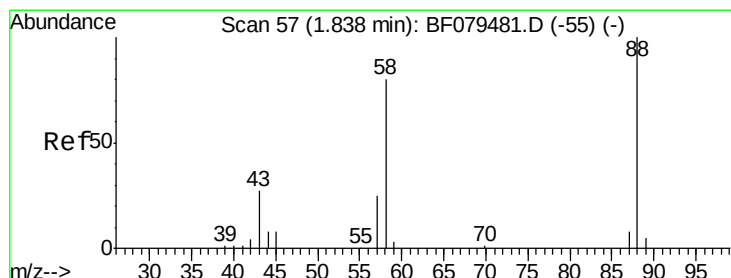
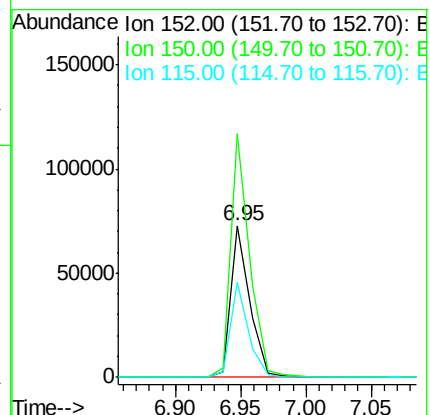
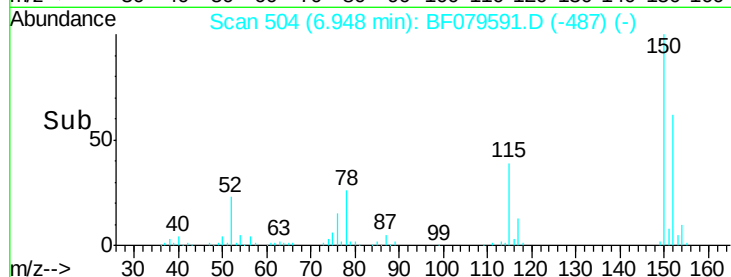
115 62.9 49.6 74.4



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



#2

1,4-Dioxane

Concen: 95.71 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079591.D

Acq: 30 May 2015 8:02

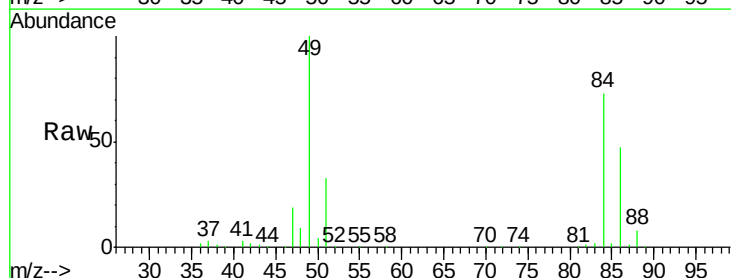
Tgt Ion: 88 Resp: 194388

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

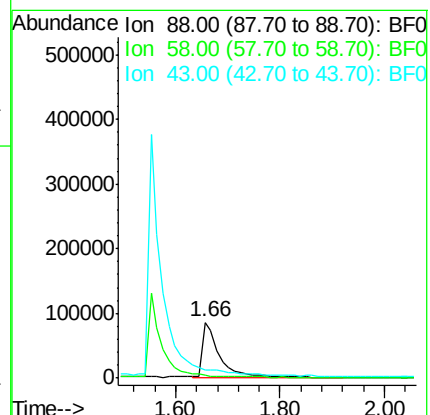
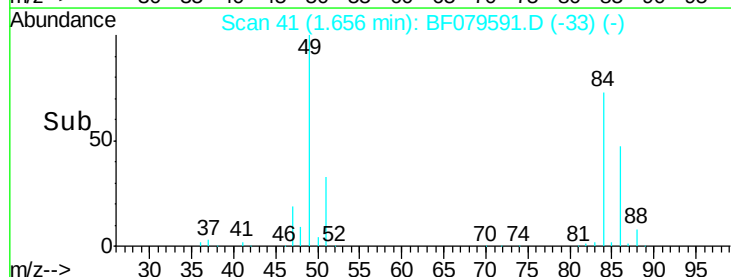
43 0.0 0.0 0.0

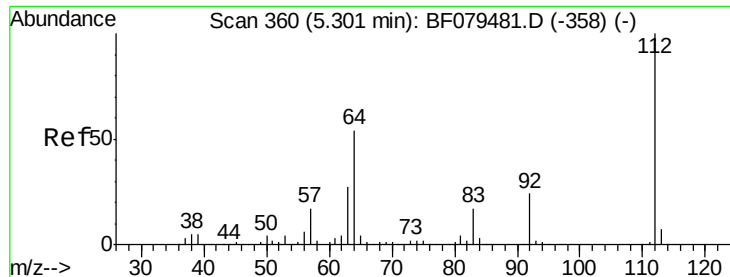


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 127.59 ng

RT: 5.22 min Scan# 353

Delta R.T. -0.01 min

Lab File: BF079591.D

Acq: 30 May 2015 8:02

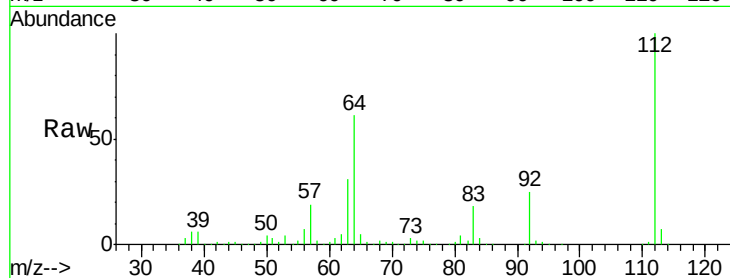
Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.2(4)

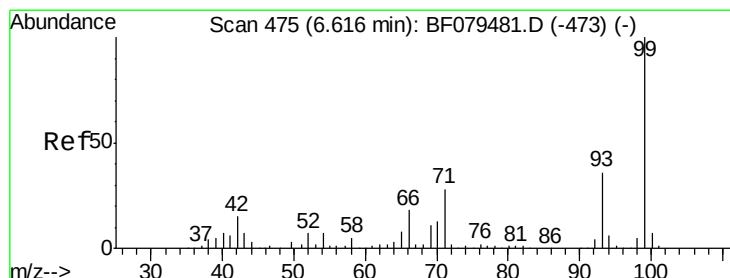
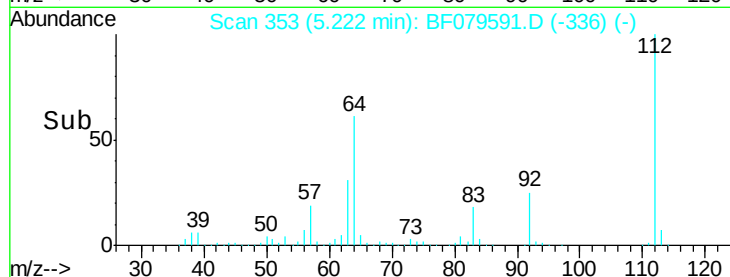
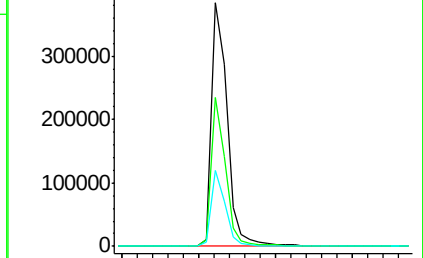
Tgt Ion:	112	Resp:	544751
Ion Ratio	Lower	Upper	
112	100		
64	61.0	43.5	65.3
63	31.1	21.8	32.8



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: 130.10 ng

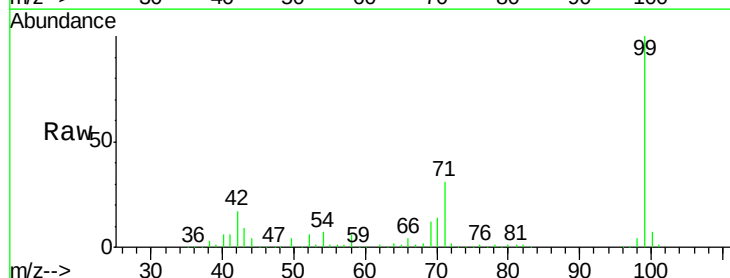
RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079591.D

Acq: 30 May 2015 8:02

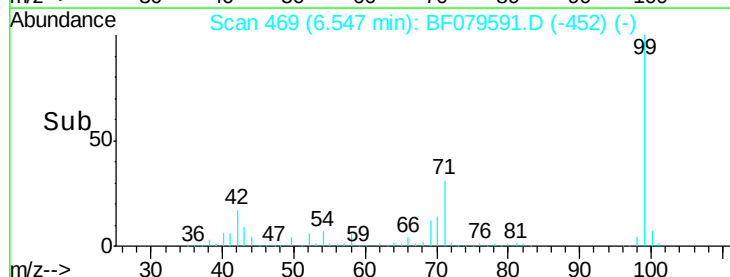
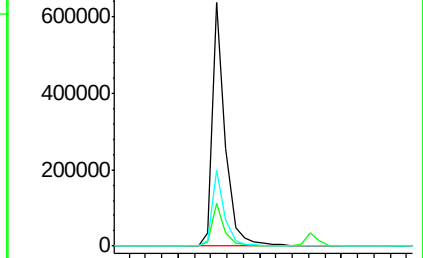
Tgt Ion:	99	Resp:	707981
Ion Ratio	Lower	Upper	
99	100		
42	17.4	11.9	17.9
71	31.1	22.1	33.1

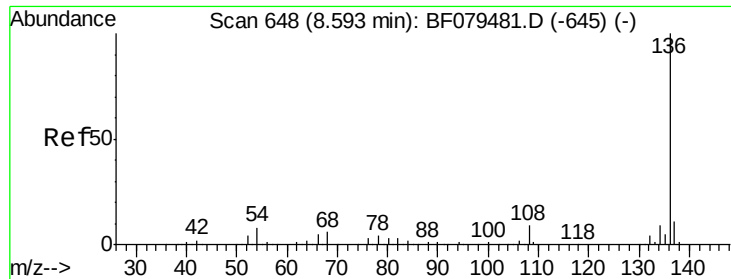


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

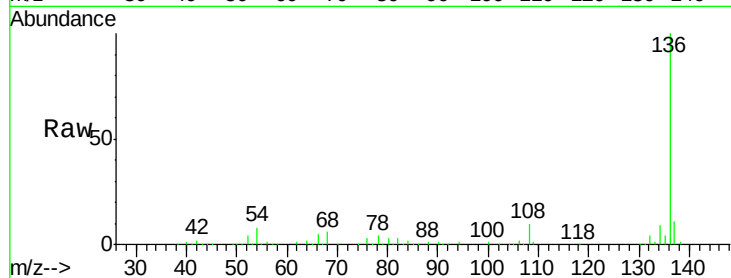




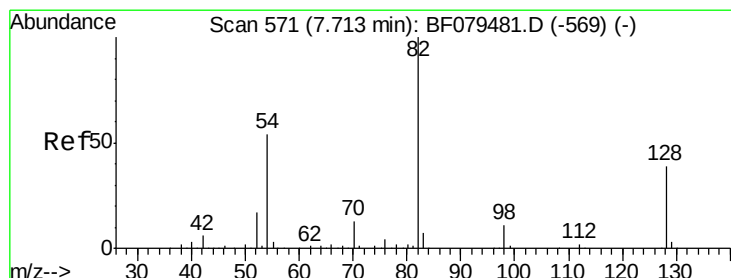
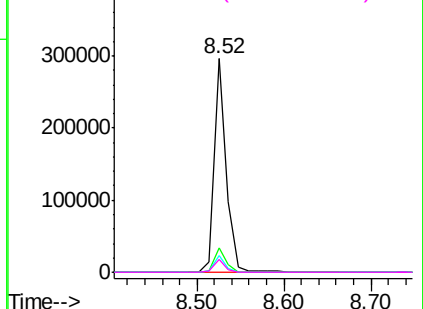
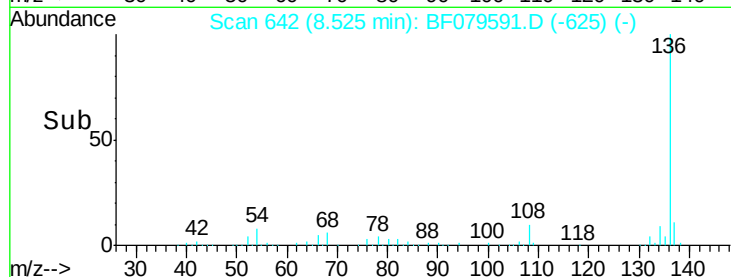
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.2(4)

Tgt Ion:	136	Resp:	290888
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.7	6.6	9.8
68	6.3	4.7	7.1

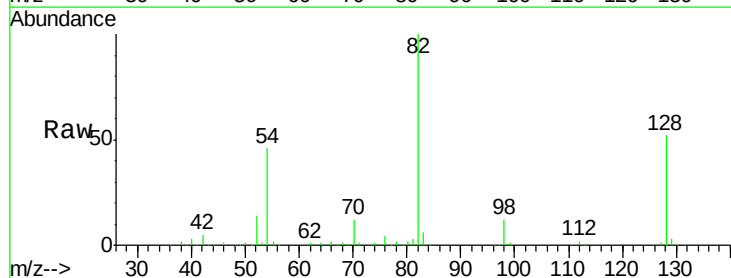


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

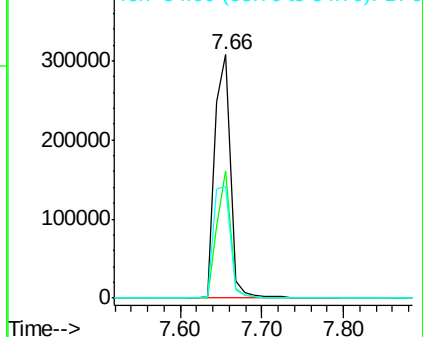
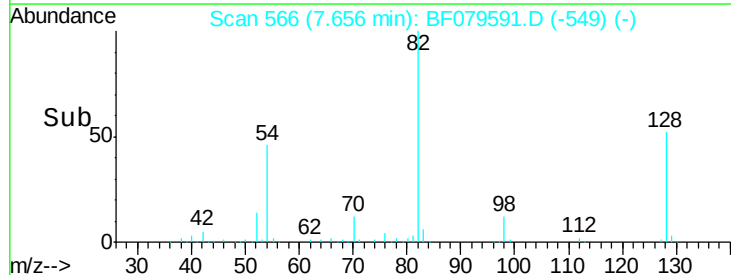


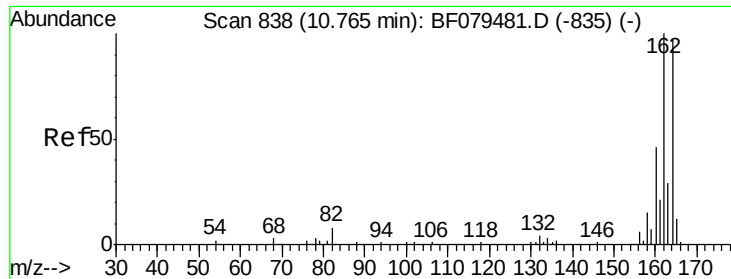
#23
Nitrobenzene-d5
Concen: 81.72 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

Tgt Ion:	82	Resp:	411233
Ion	Ratio	Lower	Upper
82	100		
128	52.0	30.8	46.2#
54	46.0	42.8	64.2



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

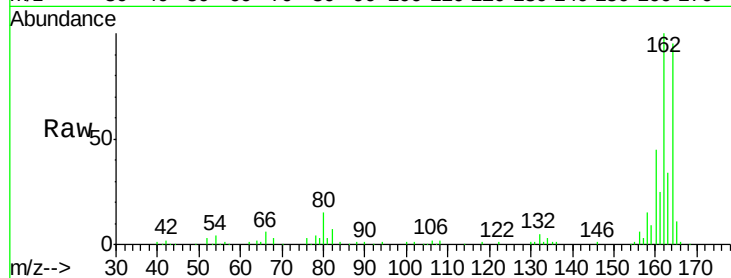




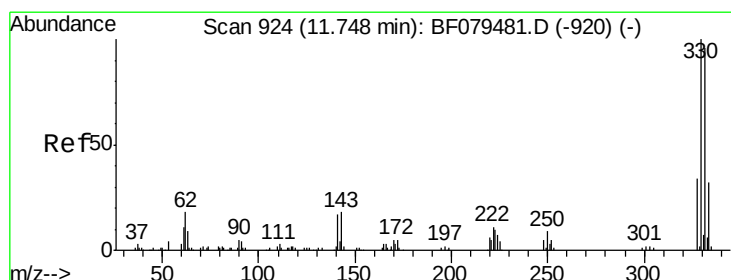
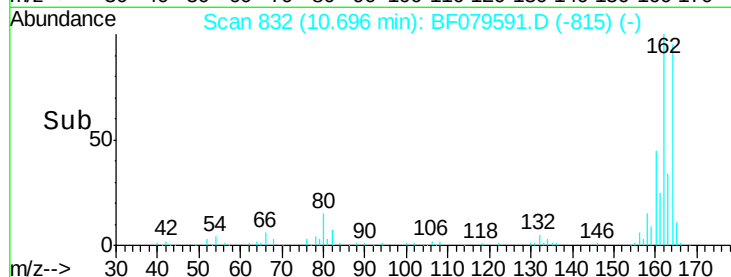
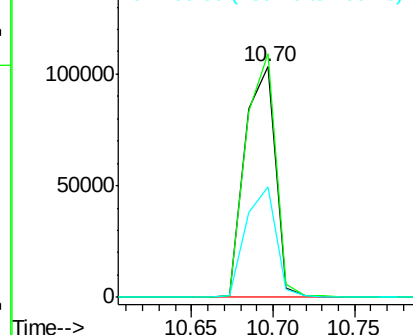
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF079591.D
 Acq: 30 May 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.2(4)

Tgt Ion:164 Resp: 132789
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 124.0
 160 47.8 37.7 56.5

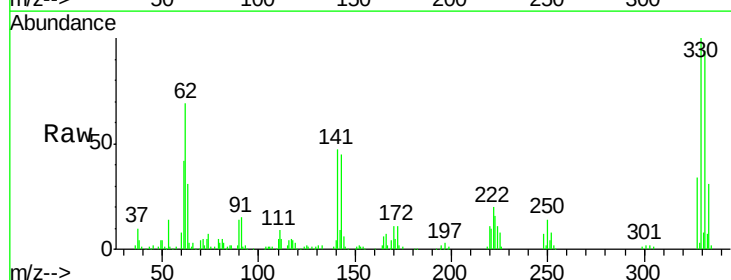


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

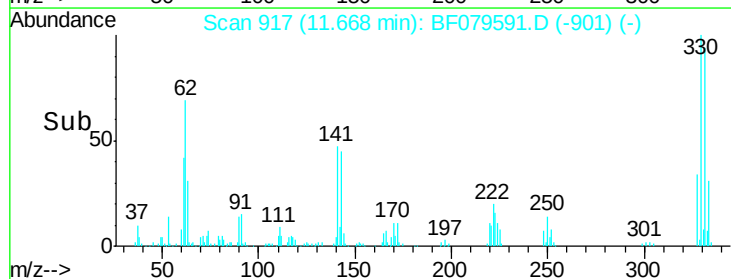
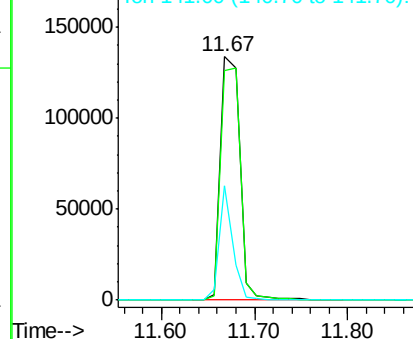


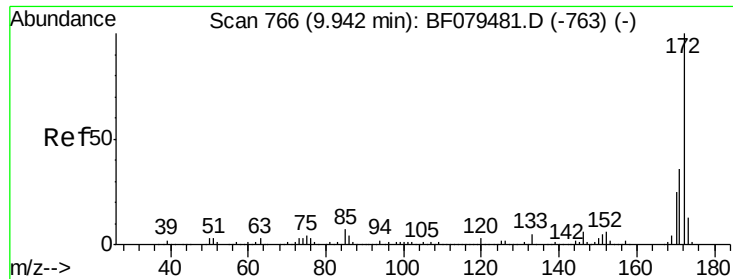
#41
 2,4,6-Tribromophenol
 Concen: 132.08 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF079591.D
 Acq: 30 May 2015 8:02

Tgt Ion:330 Resp: 192645
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 32.9 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

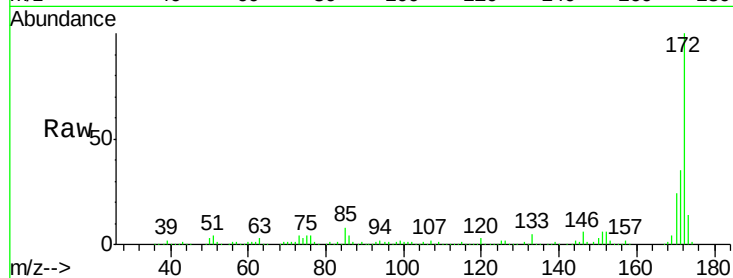




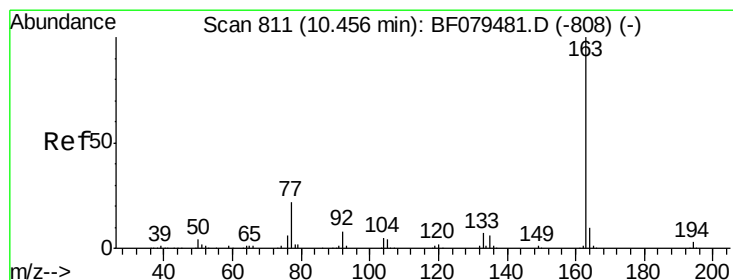
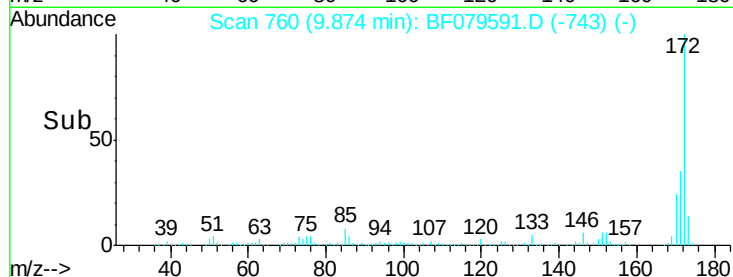
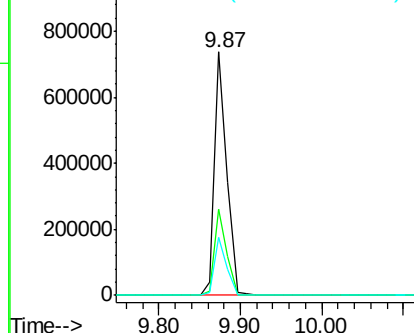
#44
2-Fluorobiphenyl
Concen: 84.04 ng
RT: 9.87 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

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CONNECTORRD-TE1.2(4)

Tgt Ion:172 Resp: 782203
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.9 19.7 29.5

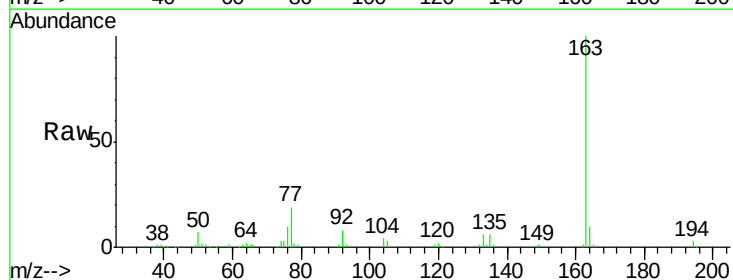


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

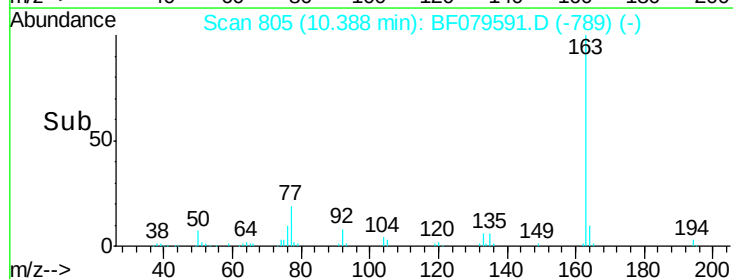
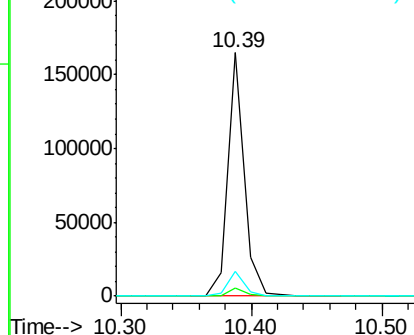


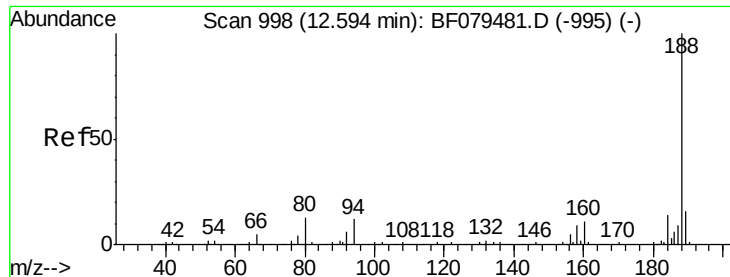
#49
Dimethylphthalate
Concen: 14.79 ng
RT: 10.39 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

Tgt Ion:163 Resp: 144674
Ion Ratio Lower Upper
163 100
194 3.2 2.4 3.6
164 10.2 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

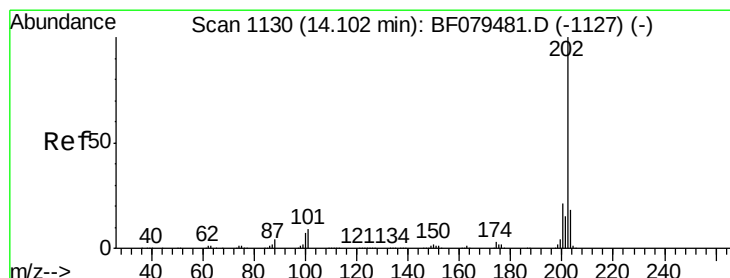
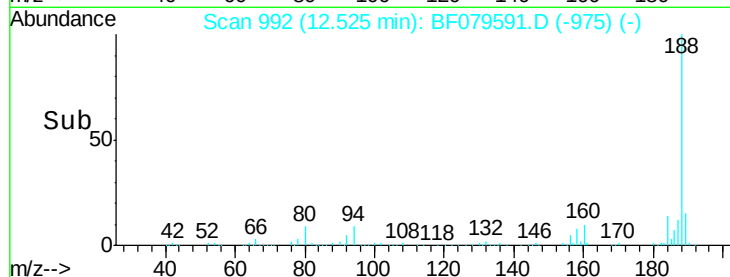
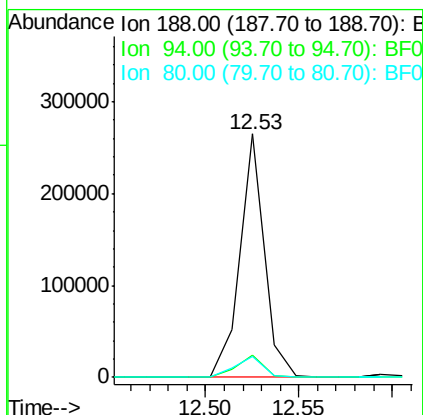
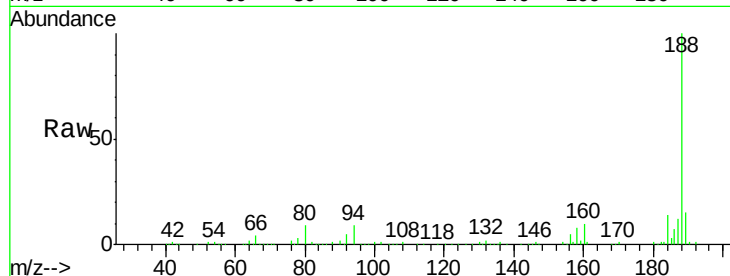




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

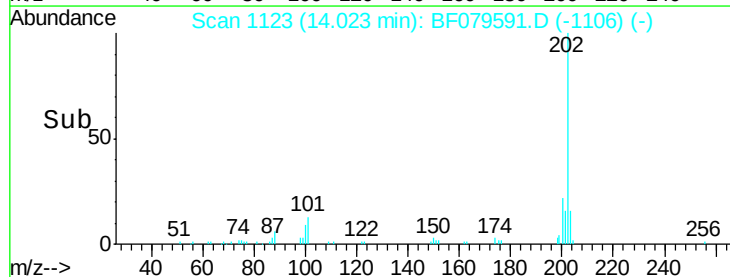
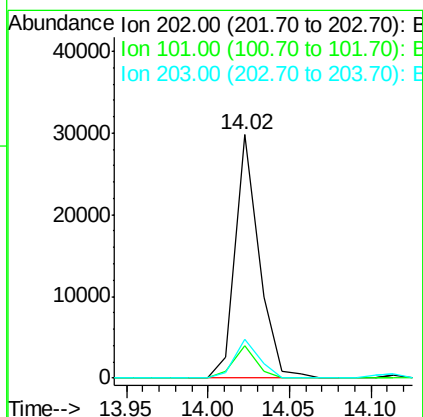
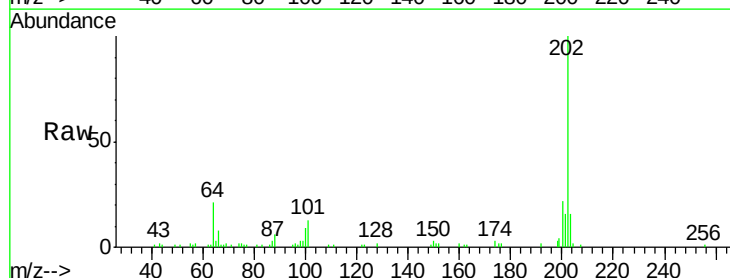
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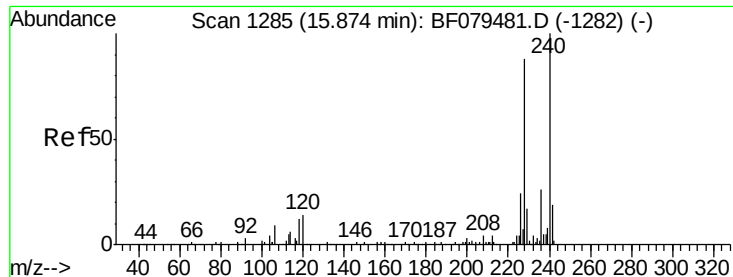
Tgt Ion:188 Resp: 243710
Ion Ratio Lower Upper
188 100
94 9.1 9.8 14.6#
80 8.6 10.5 15.7#



#74
Fluoranthene
Concen: 2.09 ng
RT: 14.02 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

Tgt Ion:202 Resp: 30001
Ion Ratio Lower Upper
202 100
101 13.1 0.0 29.3
203 16.1 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF079591.D

Acq: 30 May 2015 8:02

Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.2(4)

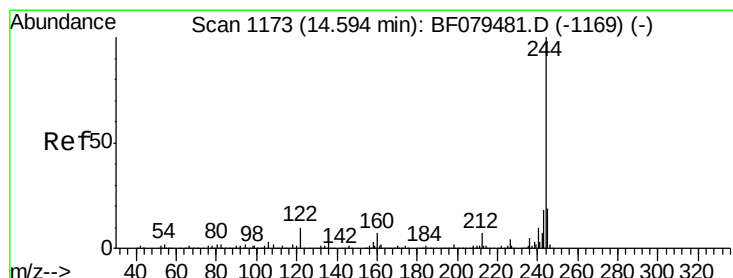
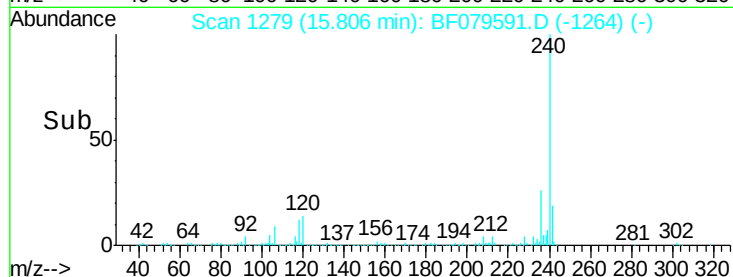
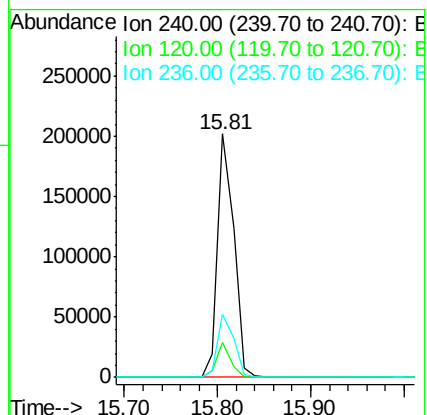
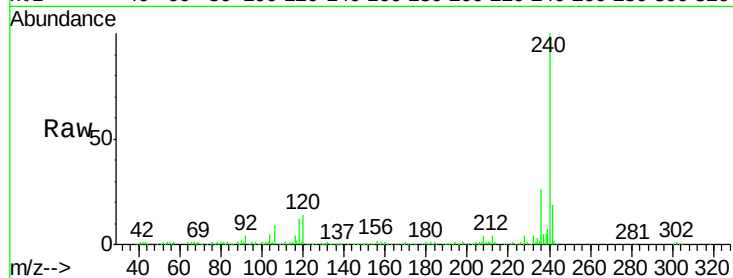
Tgt Ion:240 Resp: 244618

Ion Ratio Lower Upper

240 100

120 14.2 10.8 16.2

236 26.0 21.0 31.6



#78

Terphenyl-d14

Concen: 76.17 ng

RT: 14.51 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF079591.D

Acq: 30 May 2015 8:02

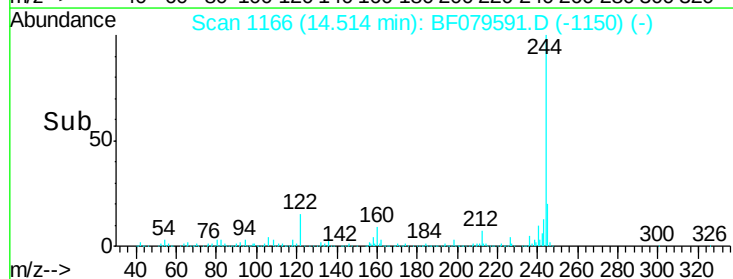
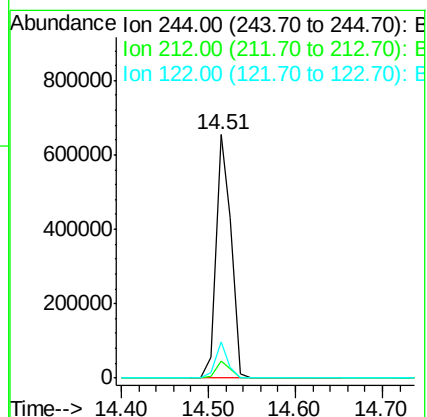
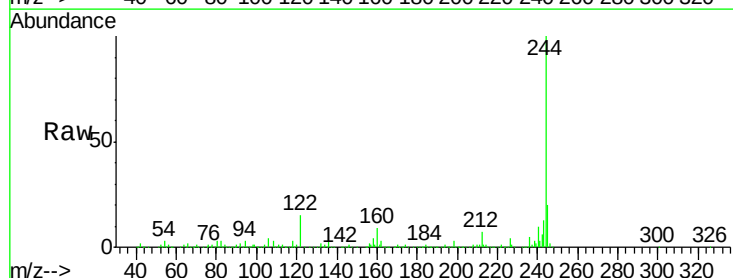
Tgt Ion:244 Resp: 793898

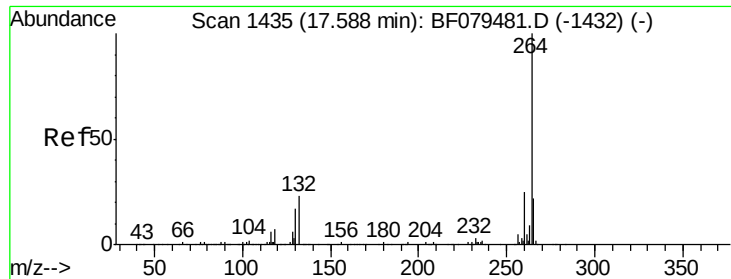
Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

122 14.8 8.0 12.0#

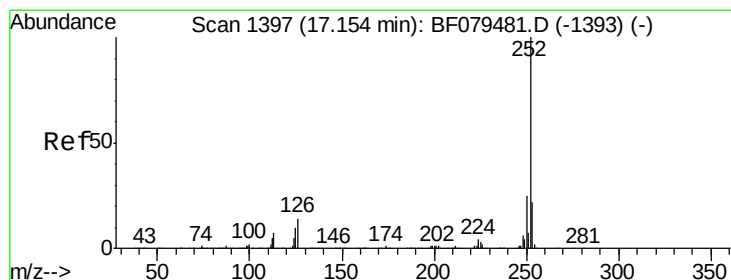
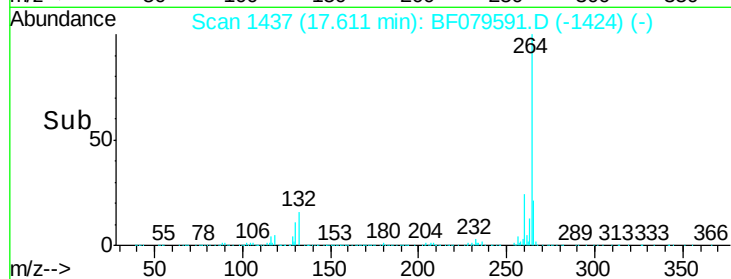
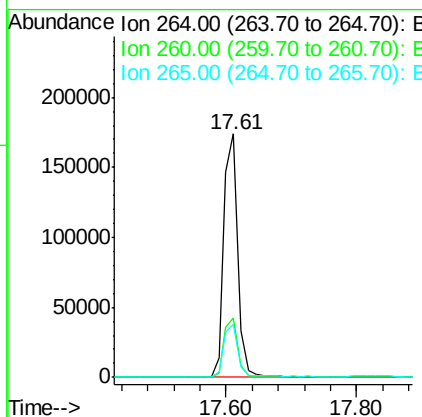
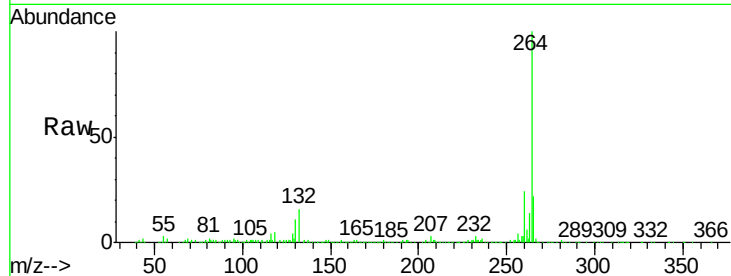




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.61 min Scan# 1437
Delta R.T. -0.06 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

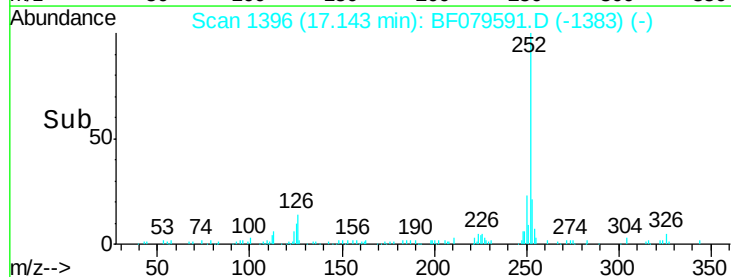
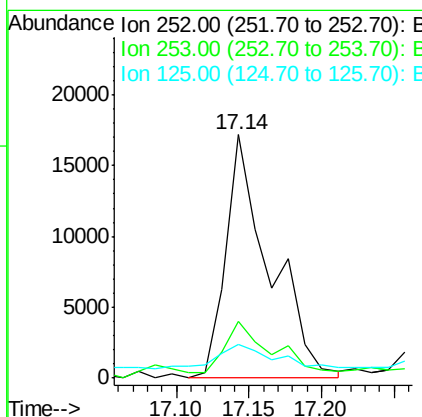
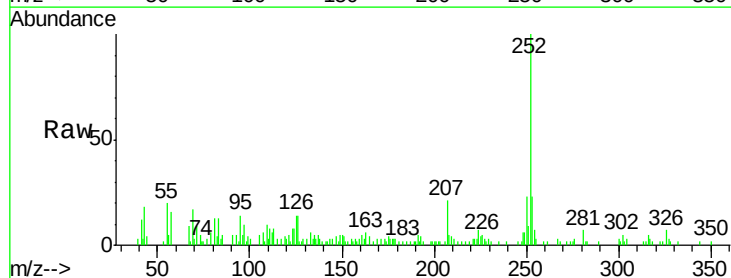
Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.2(4)

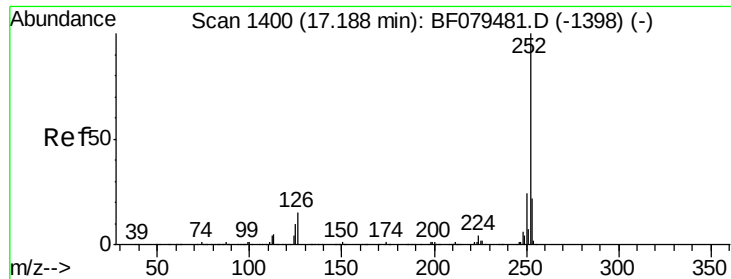
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	21.6	17.8	26.6



#87
Benzo(b)fluoranthene
Concen: 2.41 ng
RT: 17.14 min Scan# 1396
Delta R.T. -0.06 min
Lab File: BF079591.D
Acq: 30 May 2015 8:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	14.1	7.8	11.6





#88

Benzo(k)fluoranthene

Concen: 2.69 ng

RT: 17.14 min Scan# 1396

Delta R.T. -0.09 min

Lab File: BF079591.D

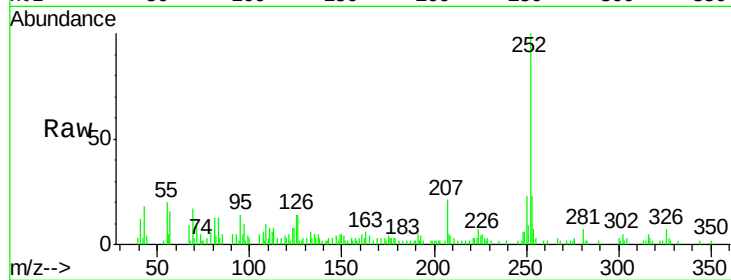
Acq: 30 May 2015 8:02

Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.2(4)



Tgt Ion:	252	Resp:	36099
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	14.1	6.8	10.2#

