

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079163.D
 Acq On : 12 May 2015 17:50
 Operator : TP/IZ
 Sample : G2175-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-E

Quant Time: May 13 01:43:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

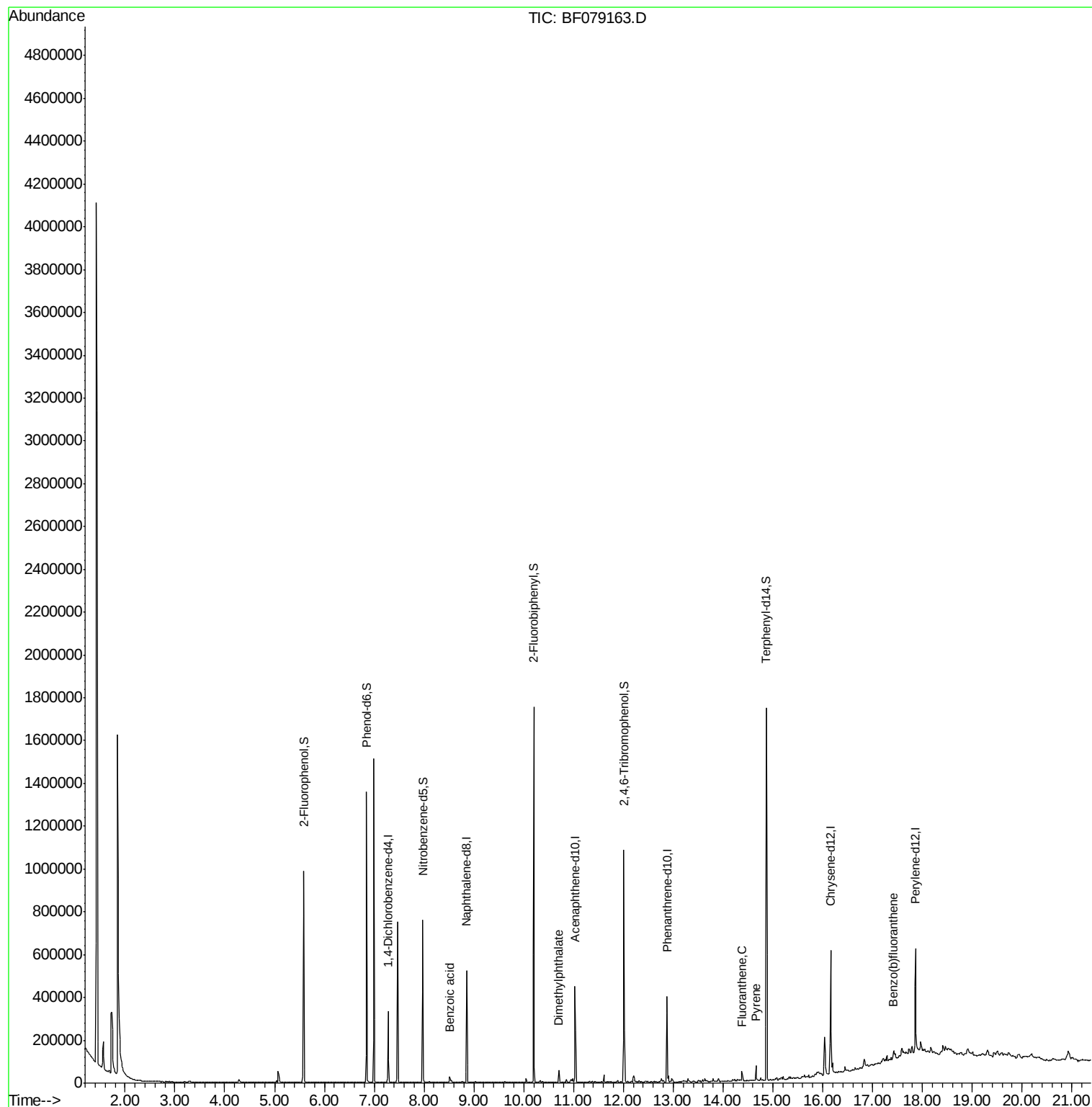
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	52096	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	225205	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	107845	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	202500	20.00	ng	0.00
75) Chrysene-d12	16.16	240	215843	20.00	ng	-0.03
86) Perylene-d12	17.86	264	235037	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	382773	126.48	ng	0.01
7) Phenol-d6	6.84	99	475429	118.85	ng	0.00
23) Nitrobenzene-d5	7.98	82	286395	73.09	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	138083	118.36	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	576036	74.42	ng	0.00
78) Terphenyl-d14	14.87	244	623109	69.12	ng	-0.01
Target Compounds						
32) Benzoic acid	8.51	122	8790	10.10	ng	96
49) Dimethylphthalate	10.71	163	22248	2.81	ng	99
74) Fluoranthene	14.38	202	24561	2.08	ng	98
77) Pyrene	14.66	202	29463	2.37	ng	96
87) Benzo(b)fluoranthene	17.42	252	25833	2.01	ng	# 91

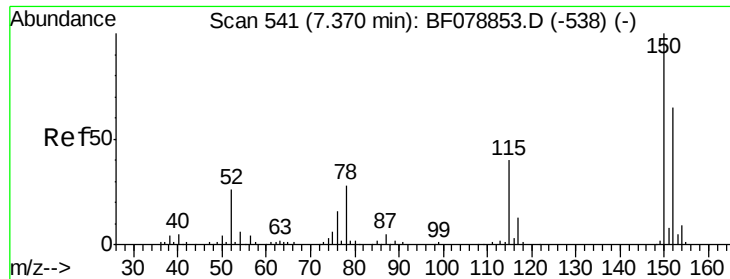
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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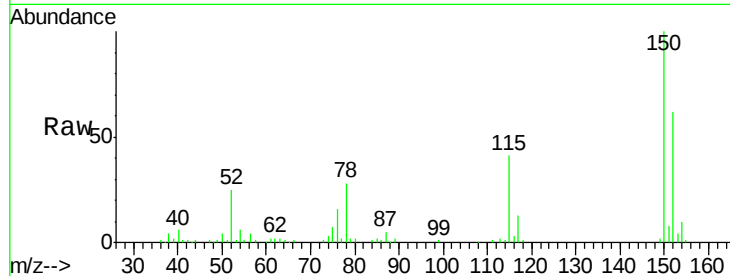


#1

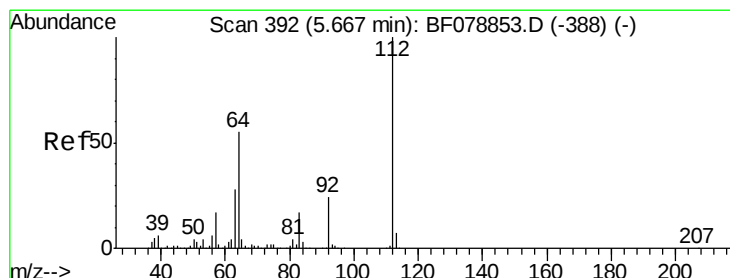
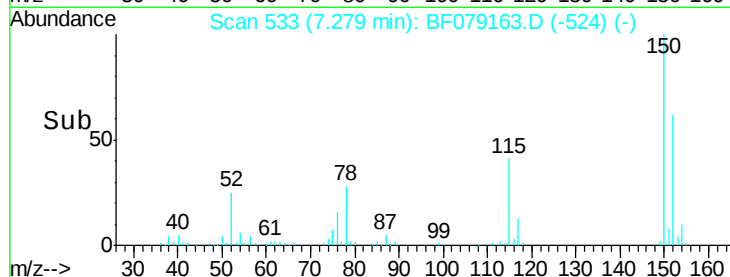
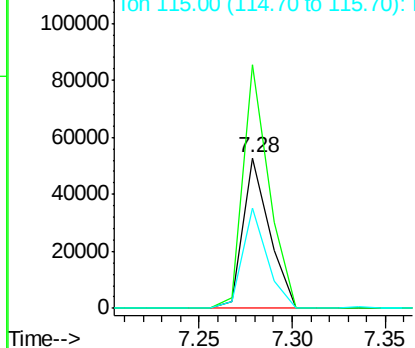
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

Instrument :
BNA_F
ClientSampleId :
COMP-E

Tot Ion:152 Resp: 52096
Ion Ratio Lower Upper
152 100
150 161.6 122.0 183.0
115 66.4 46.3 69.5



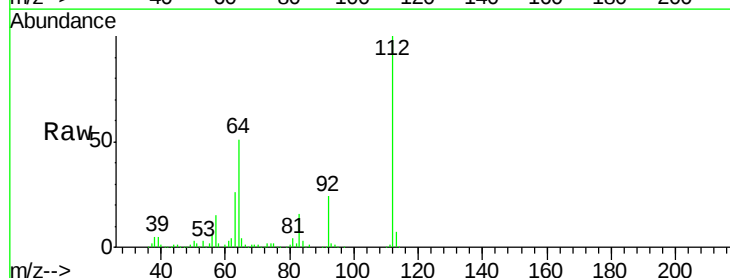
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



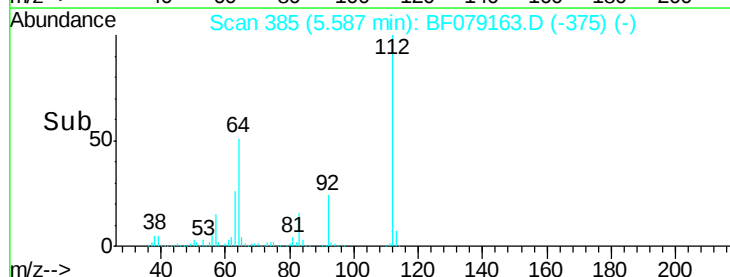
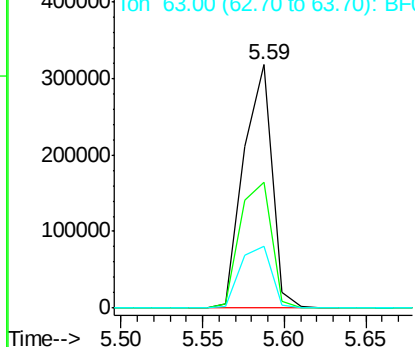
#5

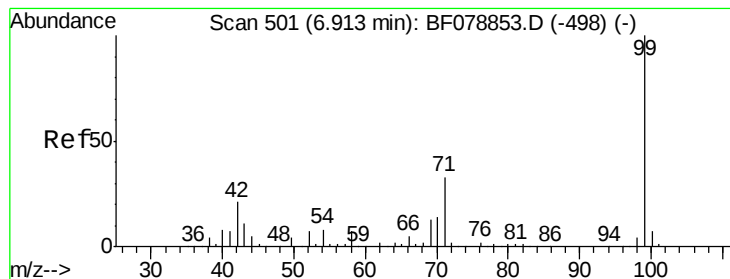
2-Fluorophenol
Concen: 126.48 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

Tgt Ion:112 Resp: 382773
Ion Ratio Lower Upper
112 100
64 51.5 53.5 80.3#
63 25.6 27.5 41.3#



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: 118.85 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

Instrument :

BNA_F

ClientSampleId :

COMP-E

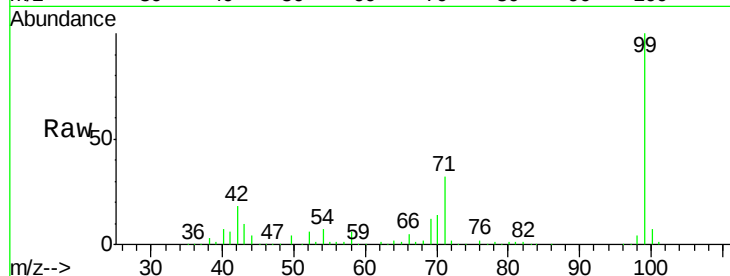
Tot Ion: 99 Resp: 475429

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

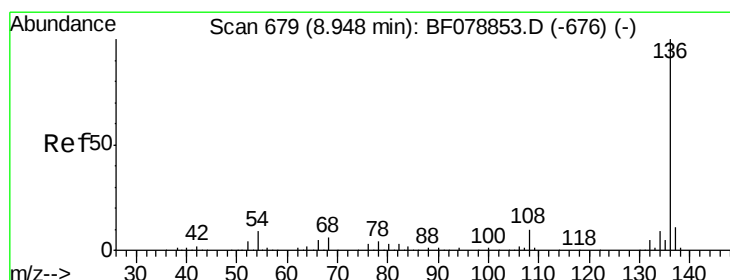
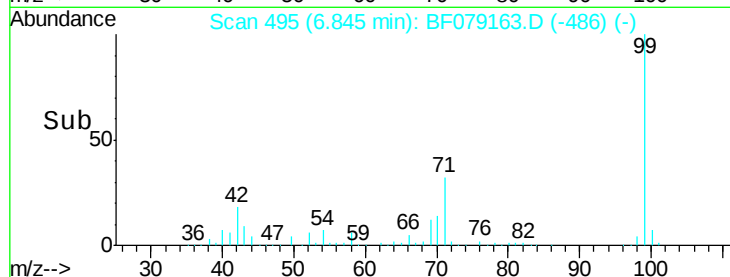
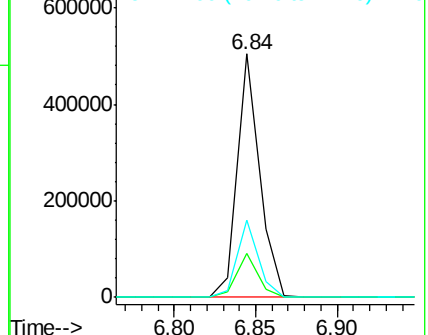
71 31.9 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

Tgt Ion: 136 Resp: 225205

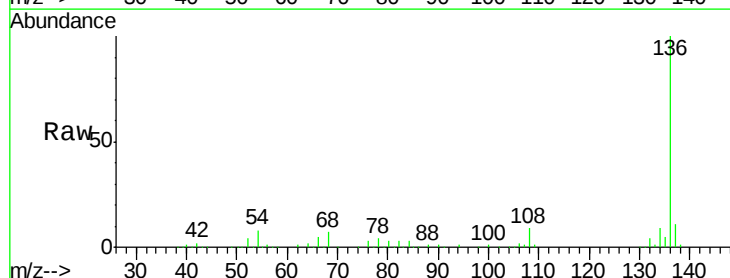
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.2 5.8 8.8

68 6.5 4.2 6.4#

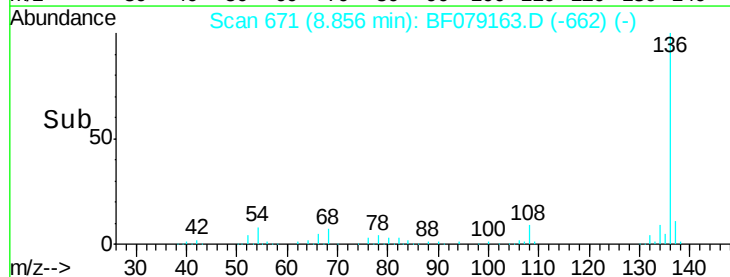
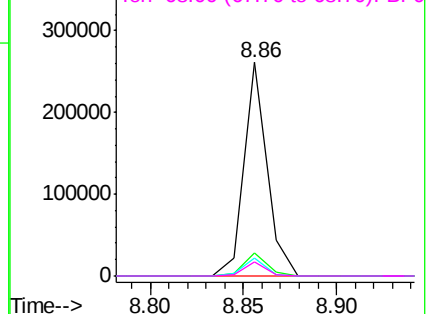


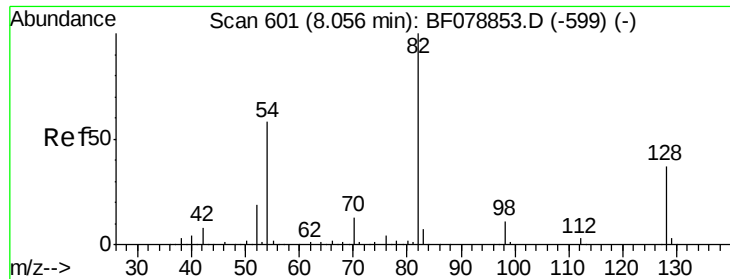
Abundance Ion 136.00 (135.70 to 136.70): E

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

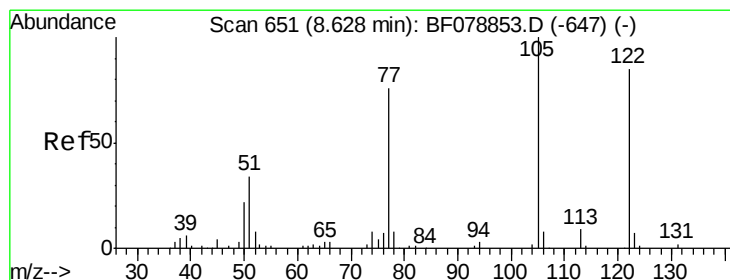
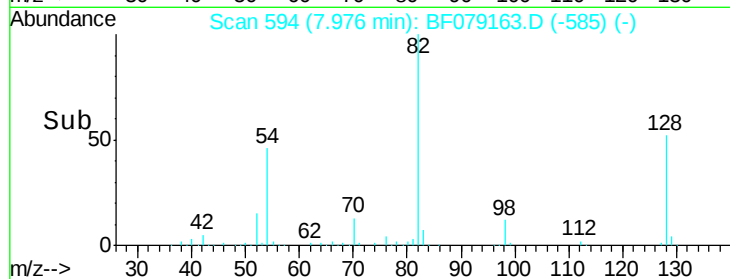
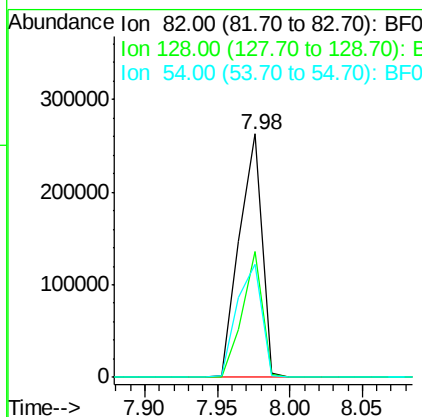
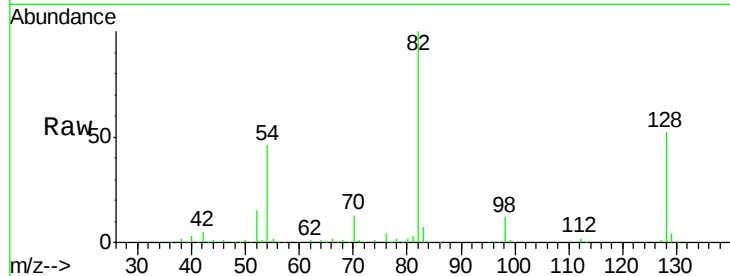




#23
 Nitrobenzene-d5
 Concen: 73.09 ng
 RT: 7.98 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF079163.D
 Acq: 12 May 2015 17:50

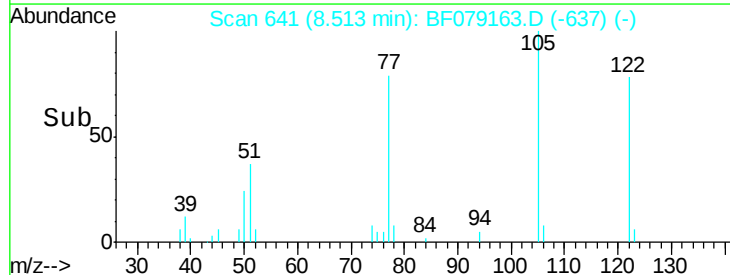
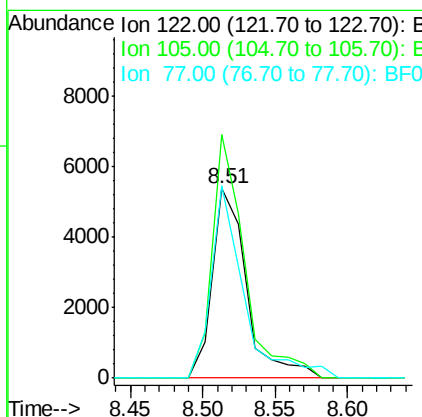
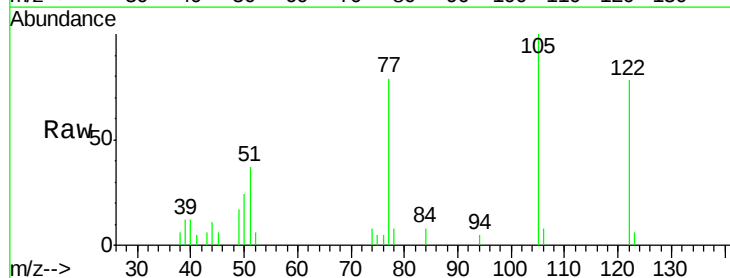
Instrument :
 BNA_F
 ClientSampleId :
 COMP-E

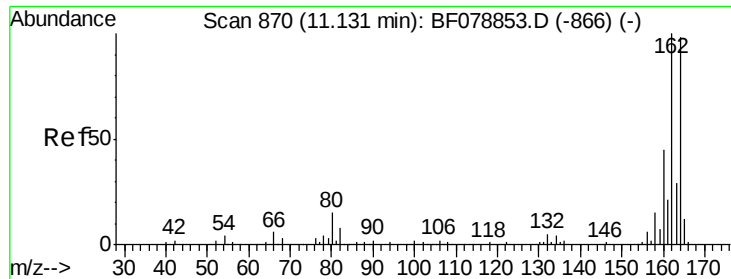
Tot Ion	82	Resp	286395
Ion Ratio	Lower	Upper	
82	100		
128	51.5	30.0	45.0#
54	46.4	46.4	69.6



#32
 Benzoic acid
 Concen: 10.10 ng
 RT: 8.51 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF079163.D
 Acq: 12 May 2015 17:50

Tgt Ion	122	Resp	8790
Ion Ratio	Lower	Upper	
122	100		
105	128.4	107.1	147.1
77	101.8	73.9	113.9

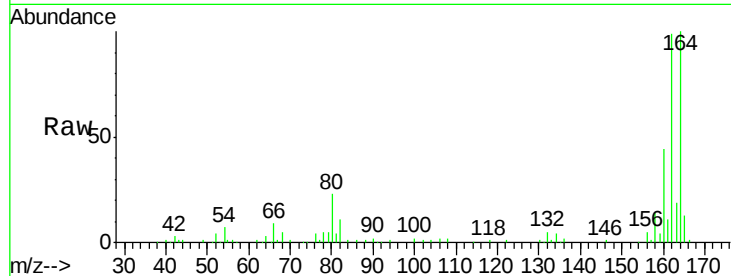




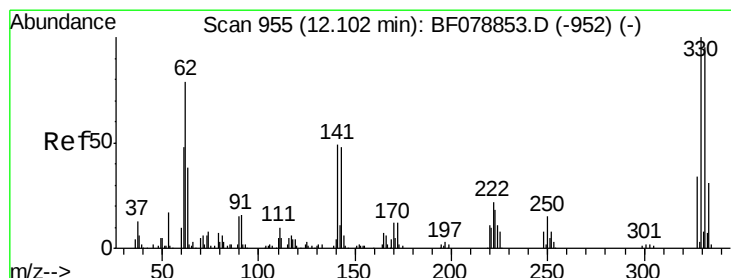
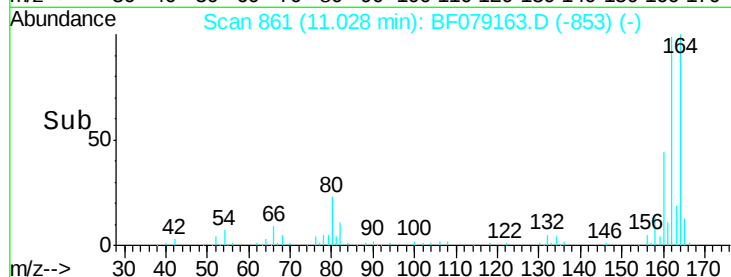
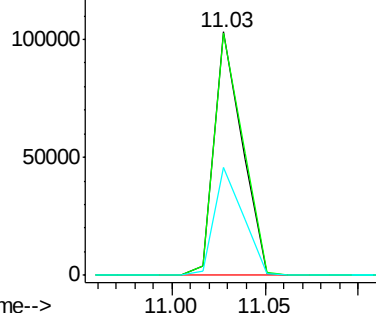
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

Instrument :
BNA_F
ClientSampleId :
COMP-E

Tot Ion:164 Resp: 107845
Ion Ratio Lower Upper
164 100
162 99.3 82.7 124.1
160 44.4 35.8 53.8

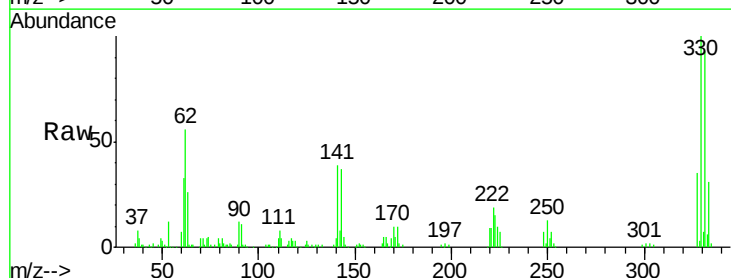


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

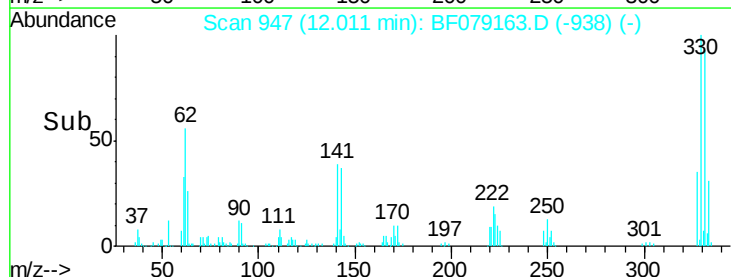
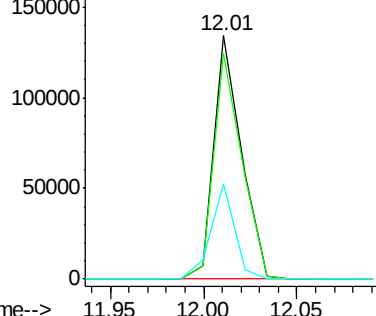


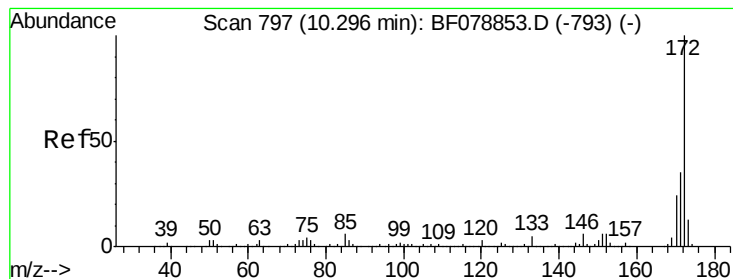
#41
2,4,6-Tribromophenol
Concen: 118.36 ng
RT: 12.01 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

Tgt Ion:330 Resp: 138083
Ion Ratio Lower Upper
330 100
332 94.4 0.0 0.0#
141 34.3 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: 74.42 ng

RT: 10.20 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

Instrument :

BNA_F

ClientSampleId :

COMP-E

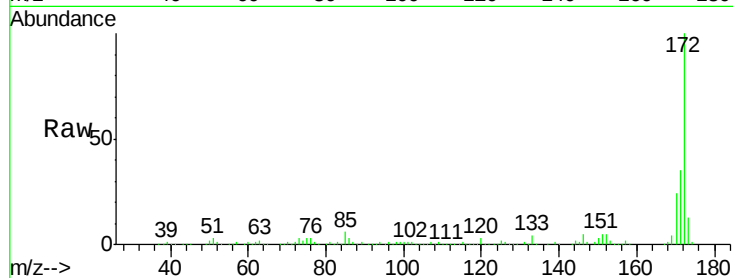
Tot Ion:172 Resp: 576036

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

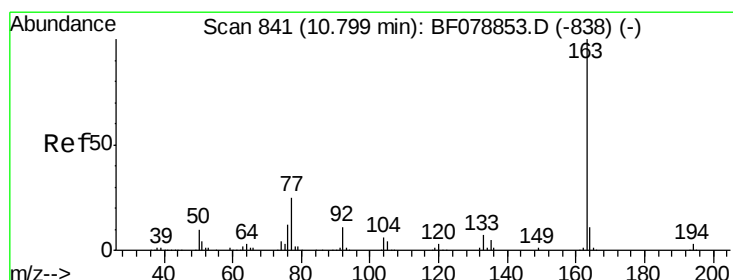
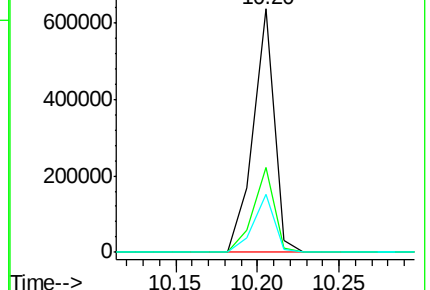
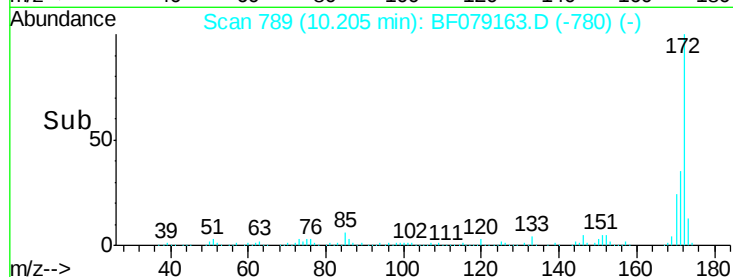
170 23.8 19.4 29.0



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: 2.81 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

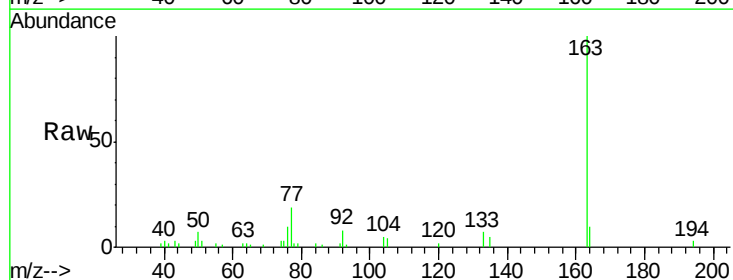
Tgt Ion:163 Resp: 22248

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

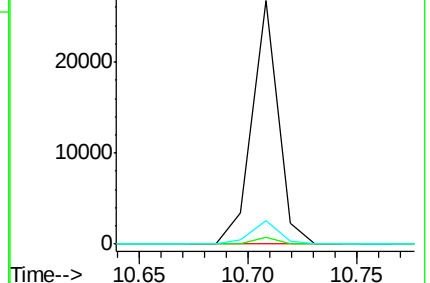
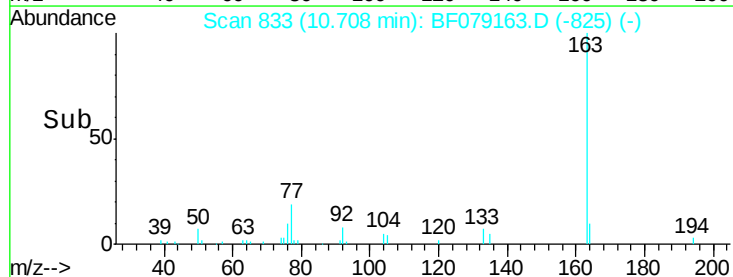
164 9.6 8.1 12.1

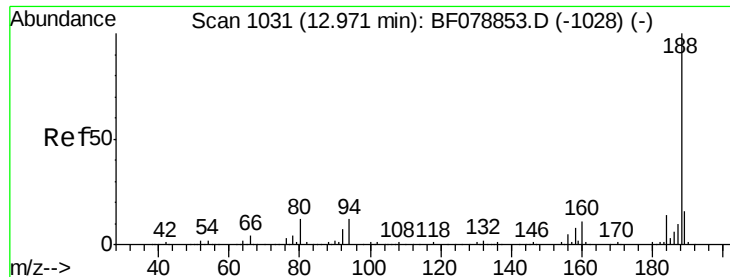


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

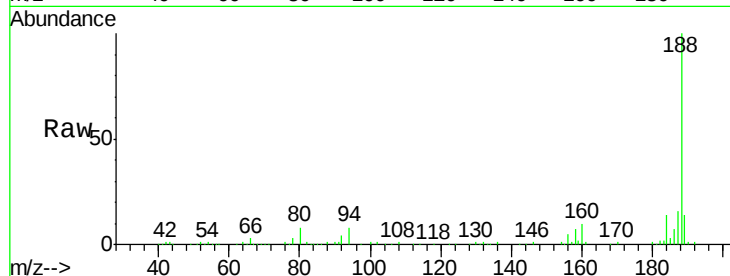




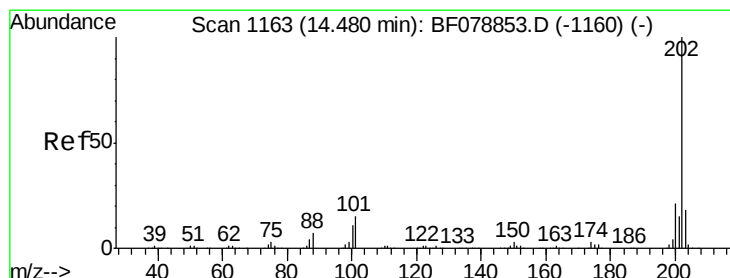
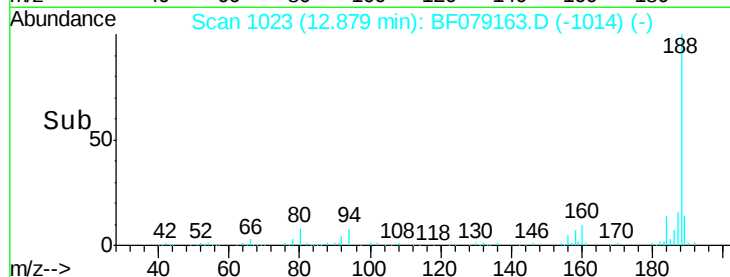
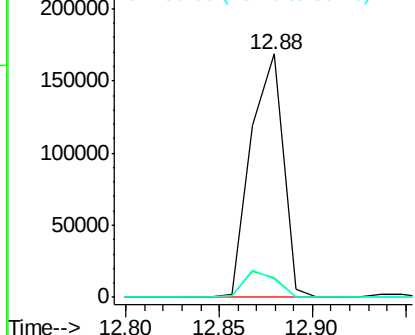
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:188 Resp: 202500
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 7.8 8.9 13.3#

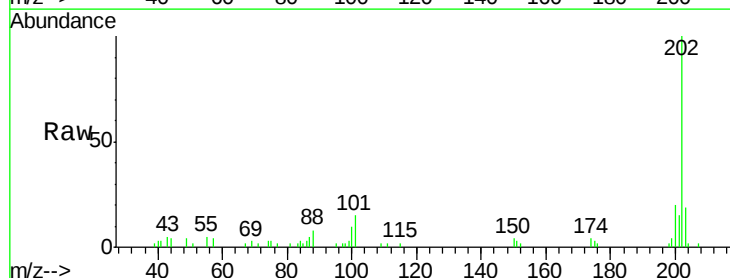


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

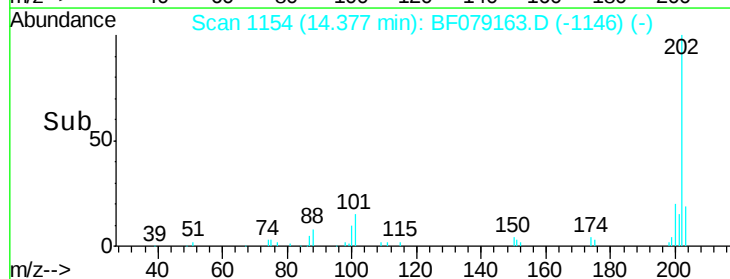
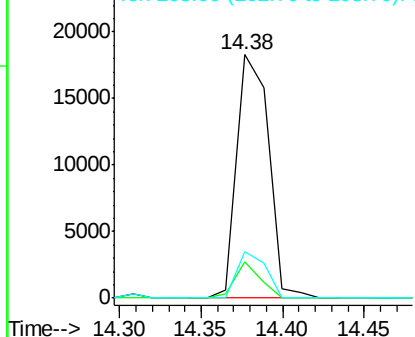


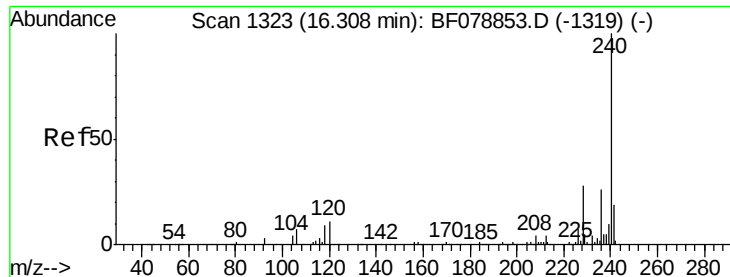
#74
Fluoranthene
Concen: 2.08 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

Tgt Ion:202 Resp: 24561
Ion Ratio Lower Upper
202 100
101 15.1 0.0 34.6
203 19.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

Instrument :

BNA_F

ClientSampleId :

COMP-E

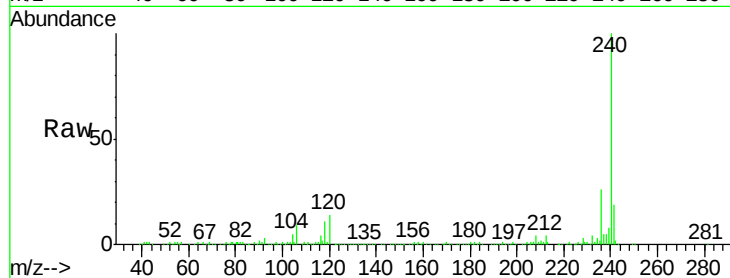
Tot Ion:240 Resp: 215843

Ion Ratio Lower Upper

240 100

120 13.7 9.7 14.5

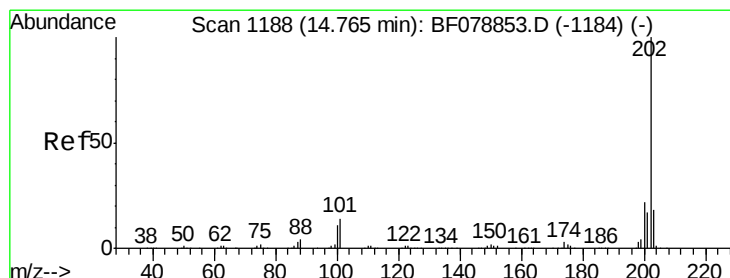
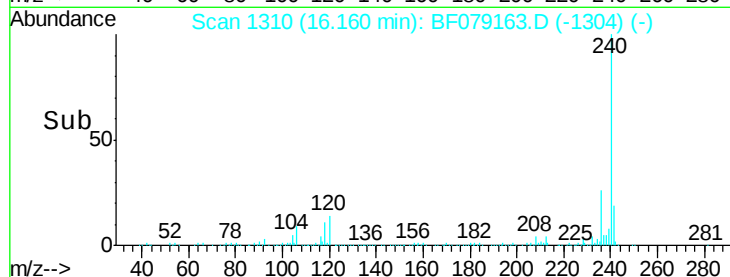
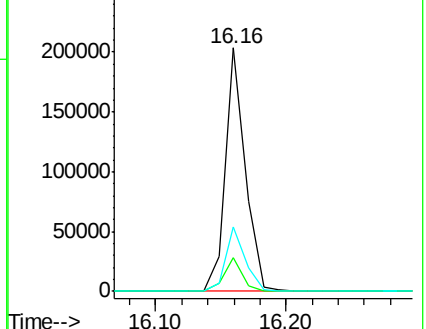
236 26.3 20.2 30.4



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: 2.37 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

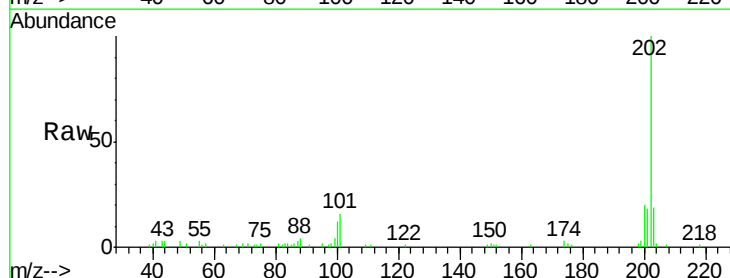
Tgt Ion:202 Resp: 29463

Ion Ratio Lower Upper

202 100

200 19.7 17.5 26.3

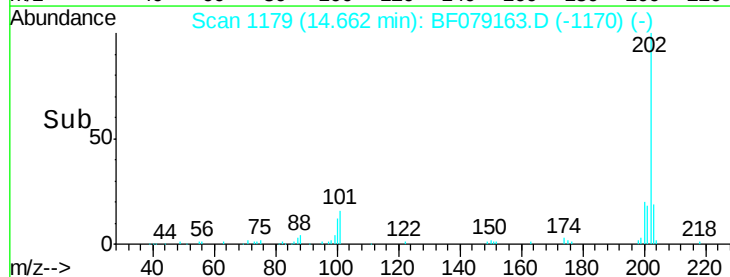
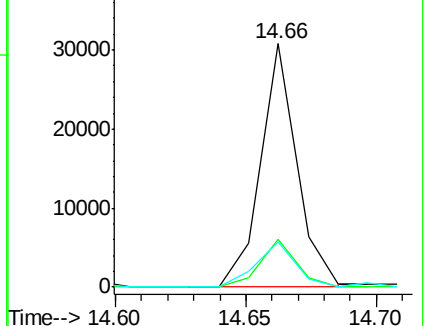
203 18.5 13.9 20.9

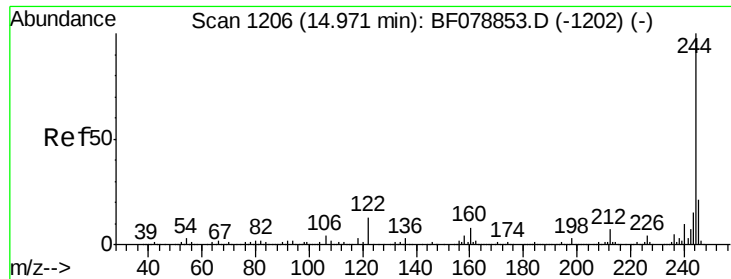


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.12 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

Instrument :

BNA_F

ClientSampleId :

COMP-E

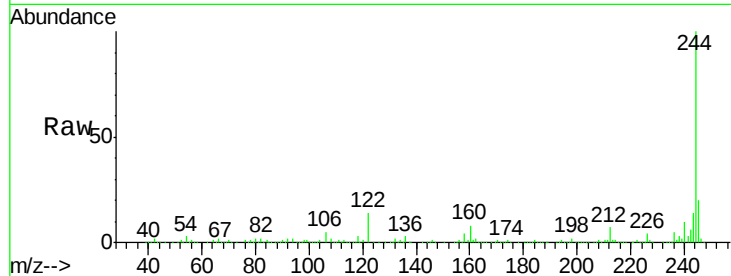
Tot Ion:244 Resp: 623109

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

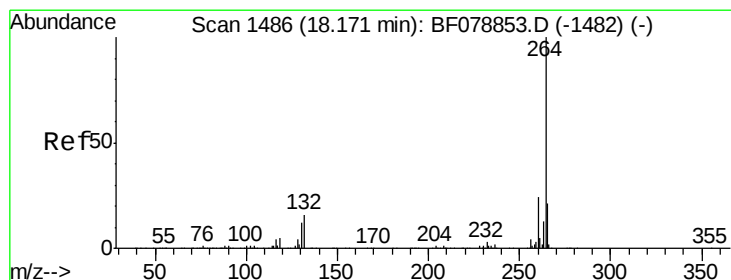
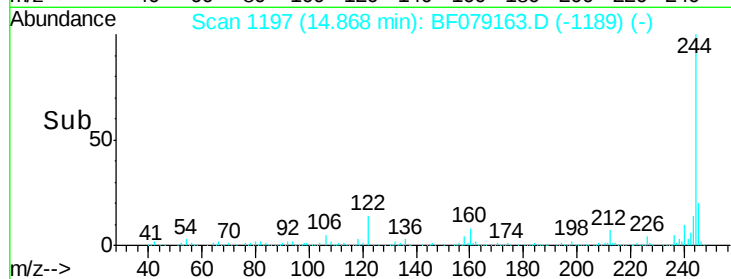
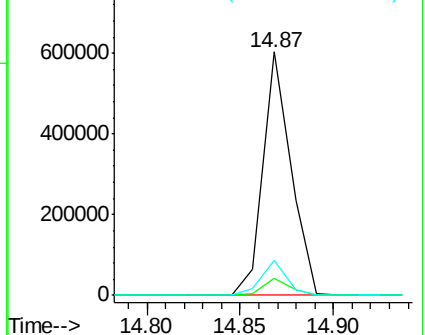
122 14.1 10.3 15.5



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: 17.86 min Scan# 1459

Delta R.T. -0.16 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

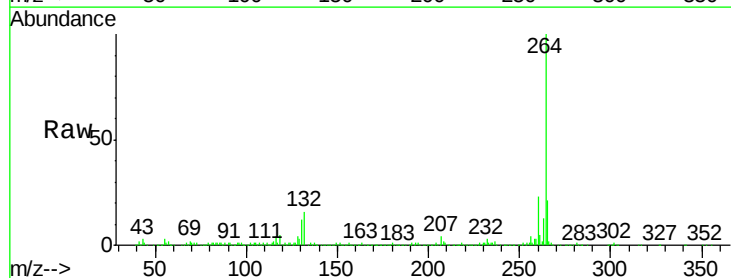
Tgt Ion:264 Resp: 235037

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

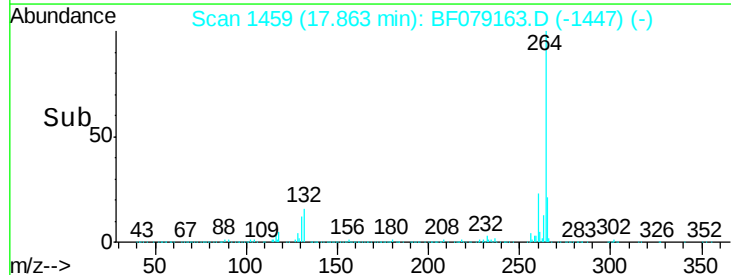
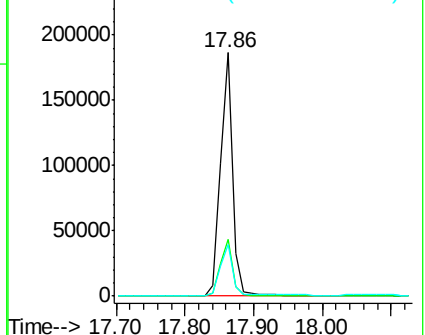
265 21.0 18.3 27.5

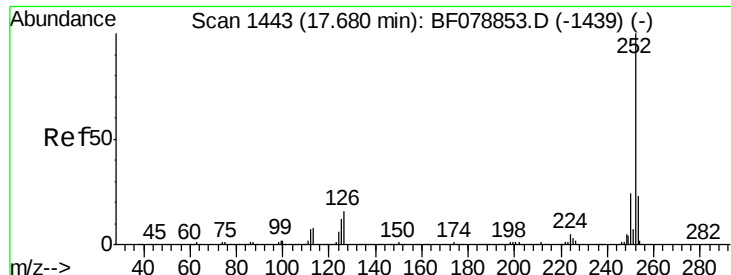


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.01 ng
 RT: 17.42 min Scan# 1420
 Delta R.T. -0.13 min
 Lab File: BF079163.D
 Acq: 12 May 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.7	26.5
125	16.5	9.5	14.3

