

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 01:14:07 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

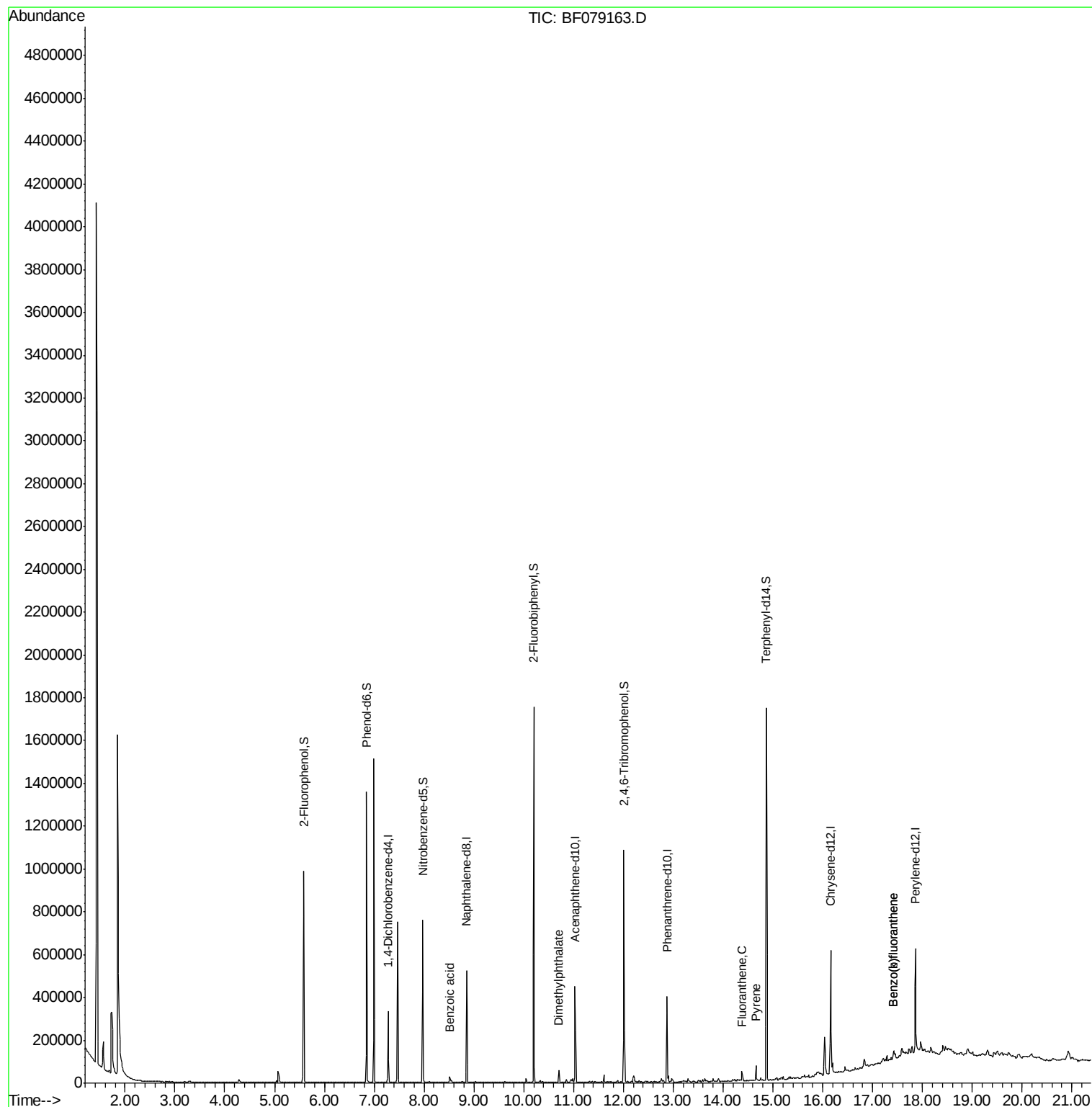
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	52096	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	225205	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	107845	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	202500	20.00	ng	0.00
75) Chrysene-d12	16.16	240	215843	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	Qvalue 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
88) Benzo(k)fluoranthene	17.42	252	35166	2.82	ng	# 92

(#) = 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

ClientSampled :

COMP-E

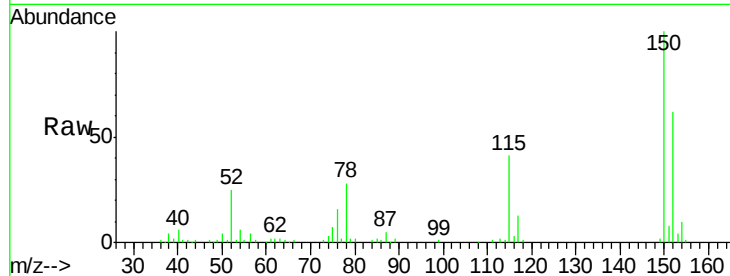
Tgt Ion:152 Resp: 52096

Ion Ratio Lower Upper

152 100

150 161.6 122.0 183.0

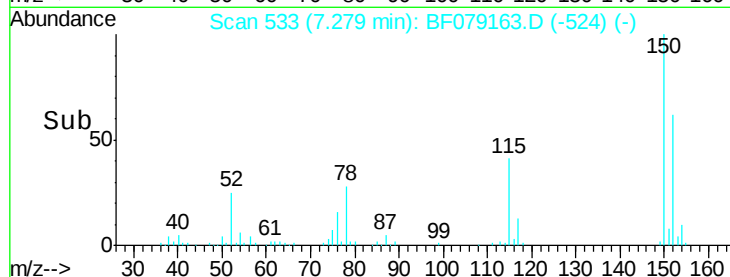
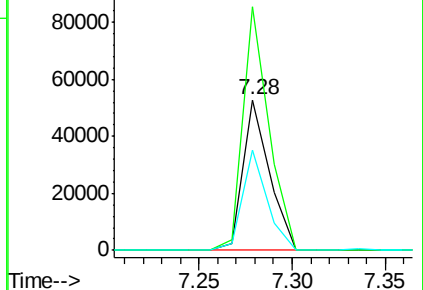
115 66.4 46.3 69.5



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

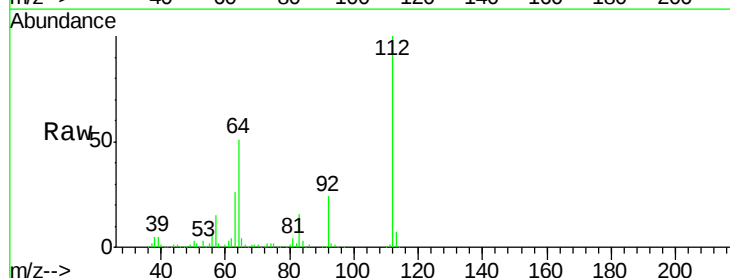
Tgt Ion:112 Resp: 382773

Ion Ratio Lower Upper

112 100

64 51.5 53.5 80.3#

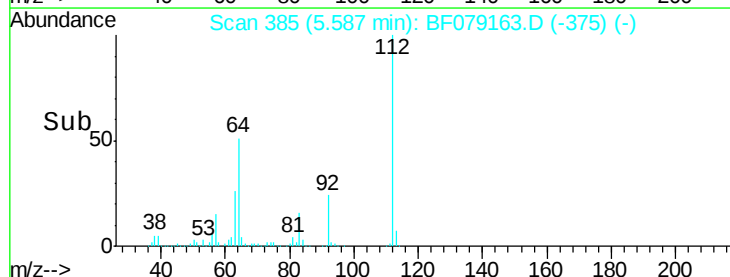
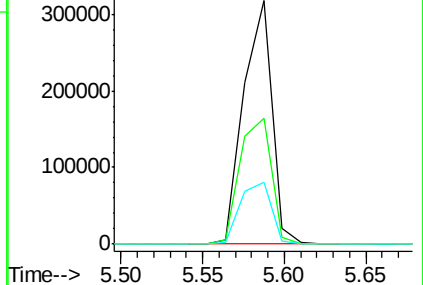
63 25.6 27.5 41.3#



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

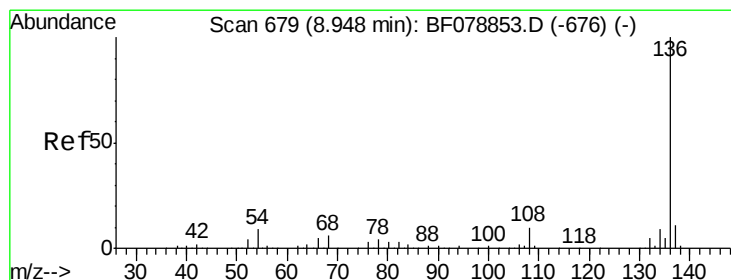
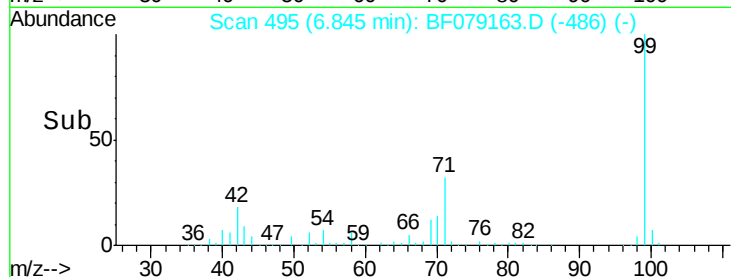
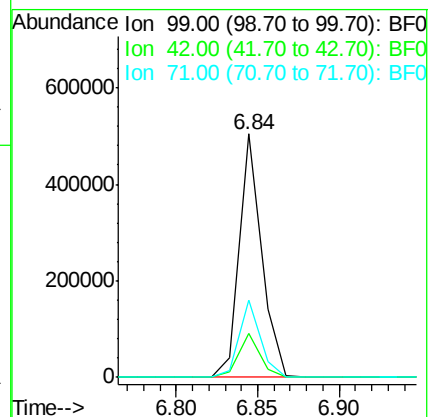
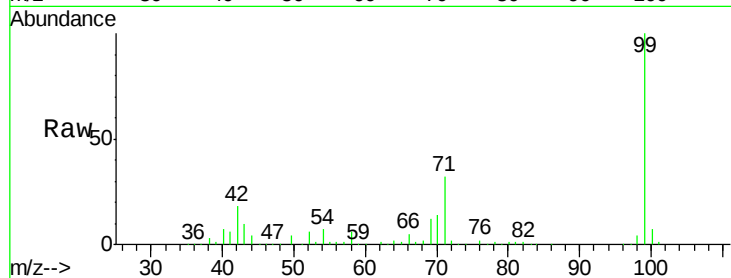
Tgt Ion: 99 Resp: 475429

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

71 31.9 23.4 35.2



#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

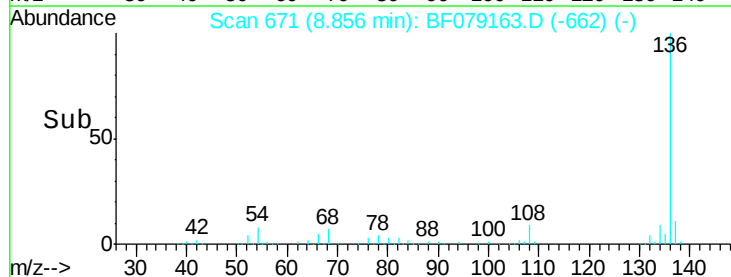
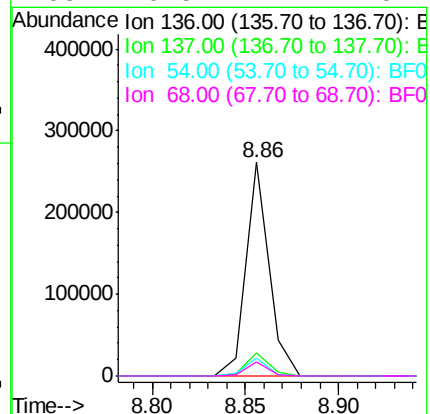
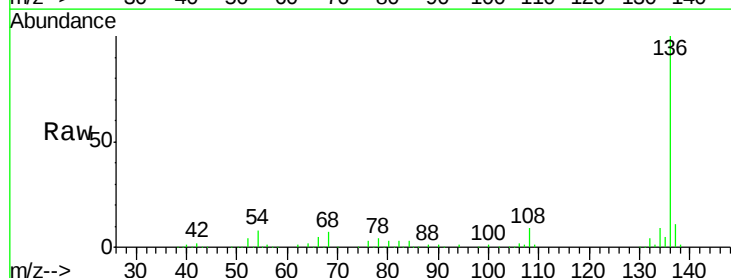
Ion Ratio Lower Upper

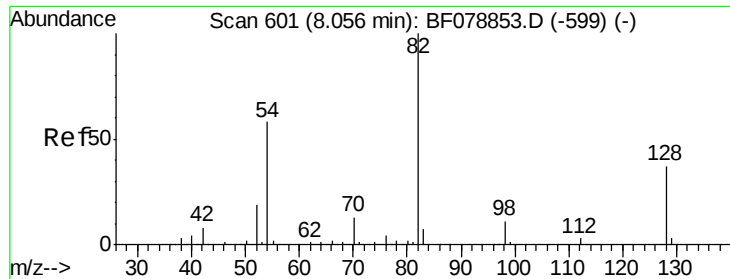
136 100

137 10.9 8.7 13.1

54 8.2 5.8 8.8

68 6.5 4.2 6.4#

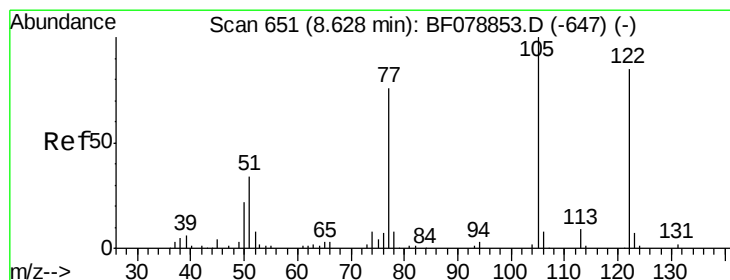
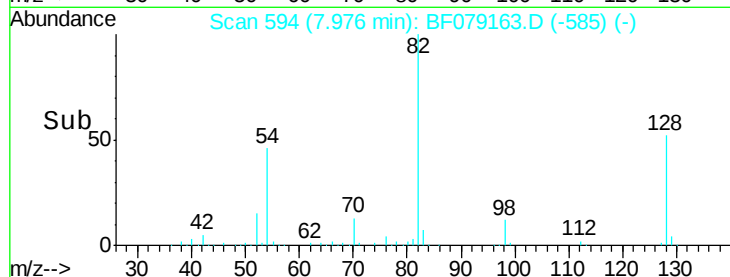
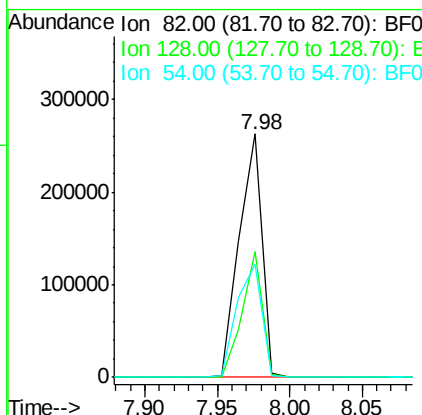
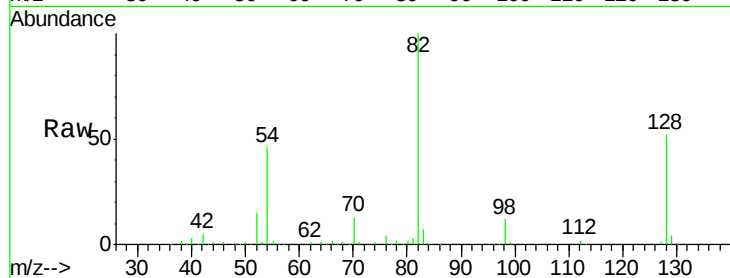




#23
 Nitrobenzene-d5
 Concen: 73.09 ng
 RT: 7.98 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF079163.D
 Acq: 12 May 2015 17:50

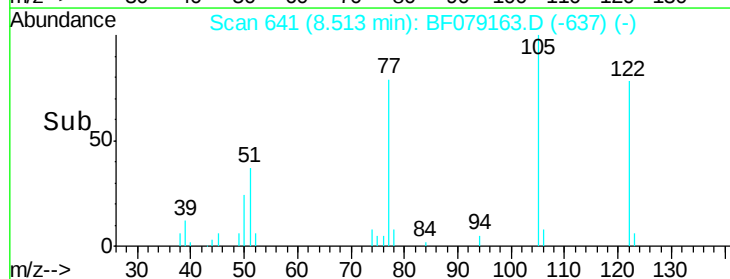
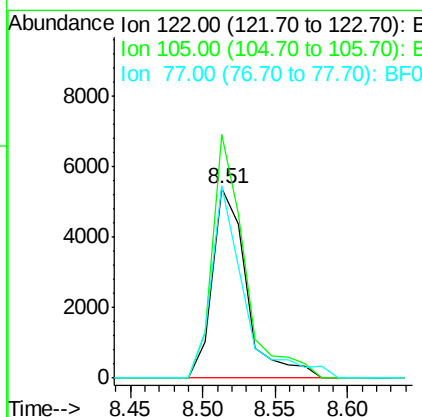
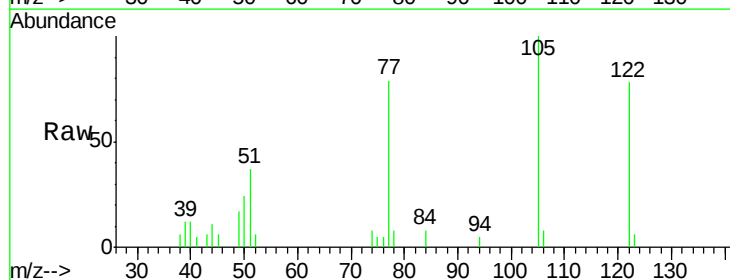
Instrument :
 BNA_F
 ClientSampleId :
 COMP-E

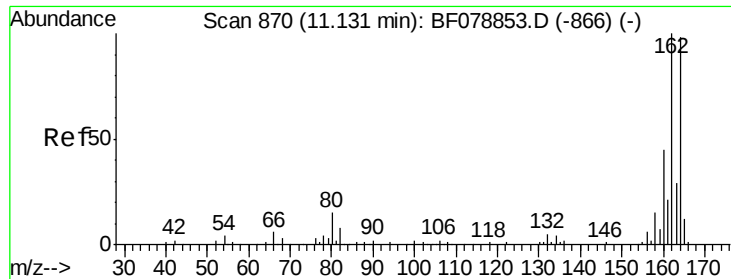
Tgt Ion: 82 Resp: 286395
 Ion Ratio Lower Upper
 82 100
 128 51.5 30.0 45.0#
 54 46.4 46.4 69.6



#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

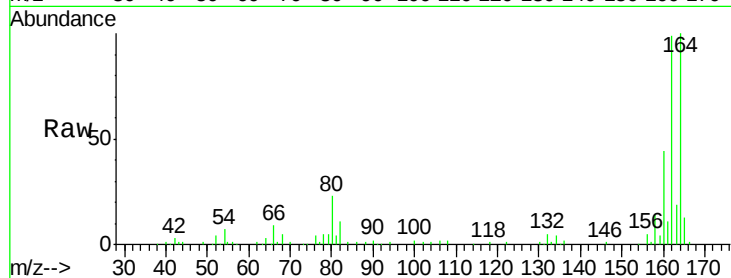
Tgt Ion:164 Resp: 107845

Ion Ratio Lower Upper

164 100

162 99.3 82.7 124.1

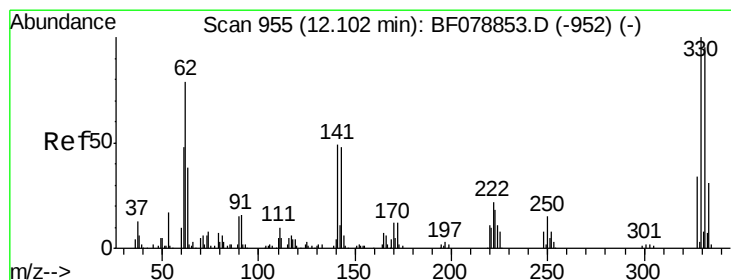
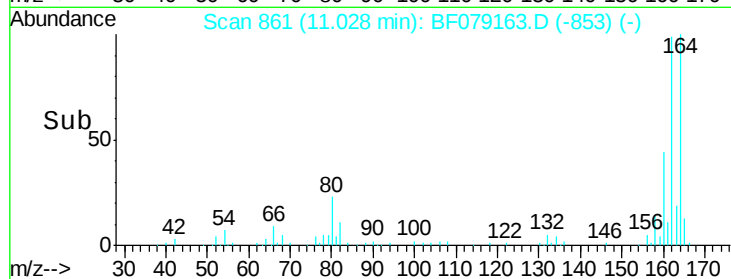
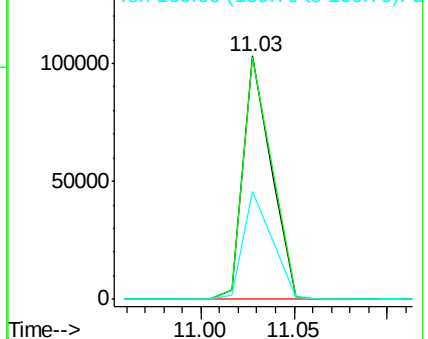
160 44.4 35.8 53.8



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

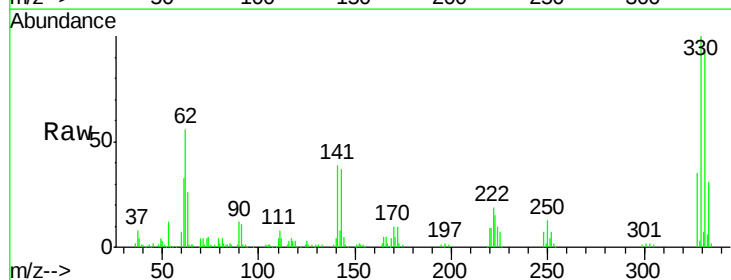
Tgt Ion:330 Resp: 138083

Ion Ratio Lower Upper

330 100

332 94.4 0.0 0.0#

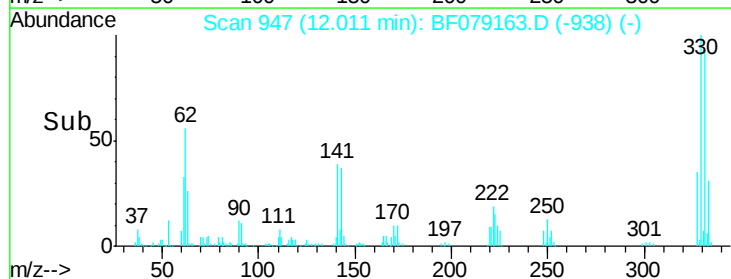
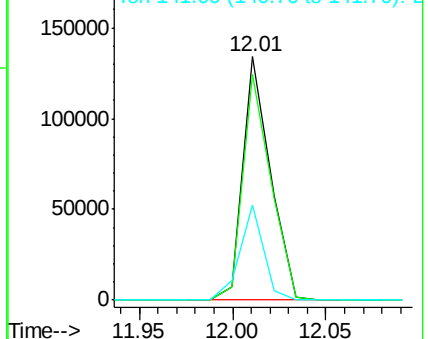
141 34.3 0.0 0.0#



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

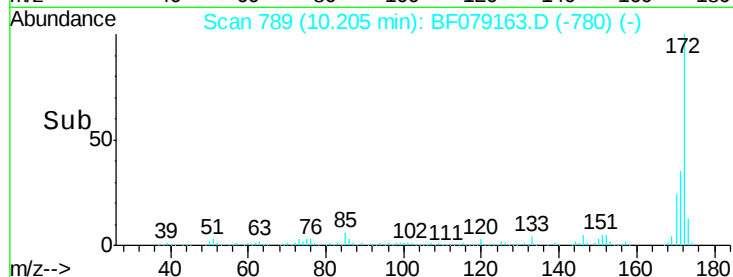
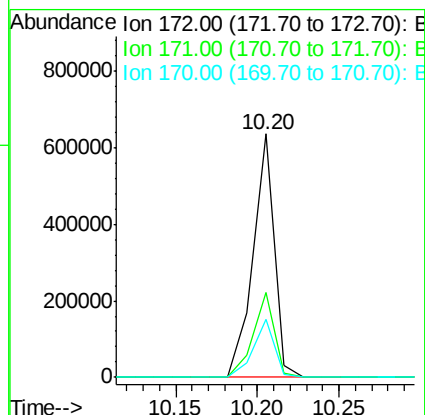
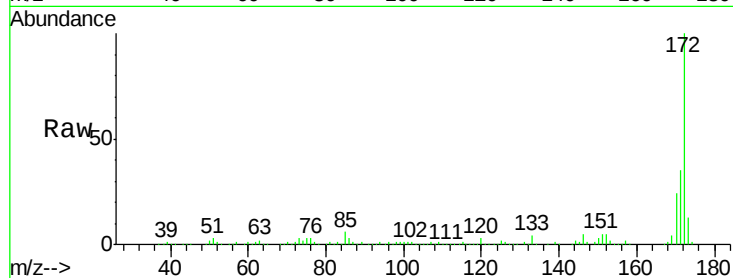




#44
2-Fluorobiphenyl
Concen: 74.42 ng
RT: 10.20 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

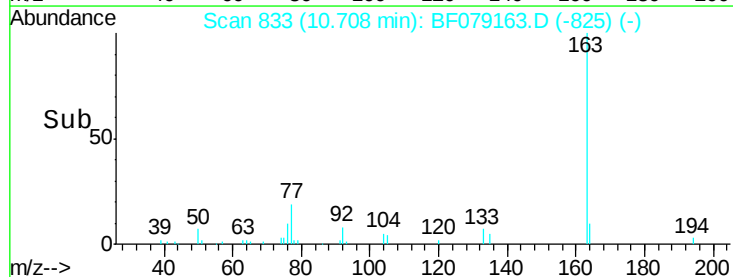
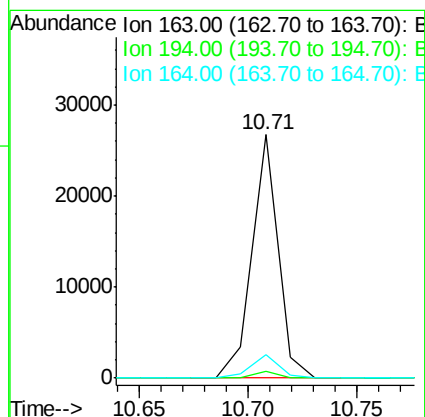
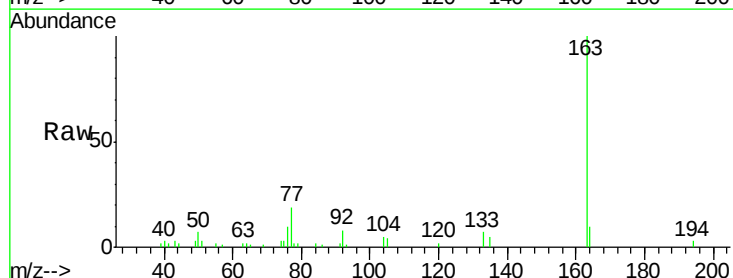
Instrument :
BNA_F
ClientSampleId :
COMP-E

Tgt Ion:172 Resp: 576036
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.8 19.4 29.0



#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

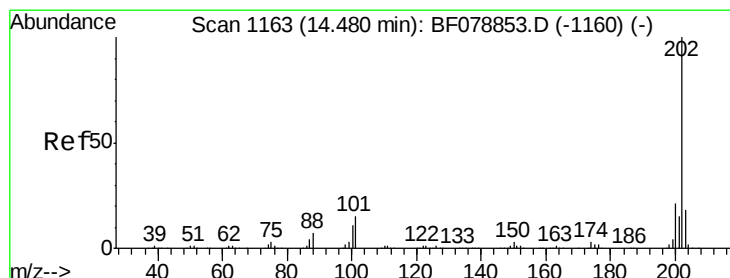
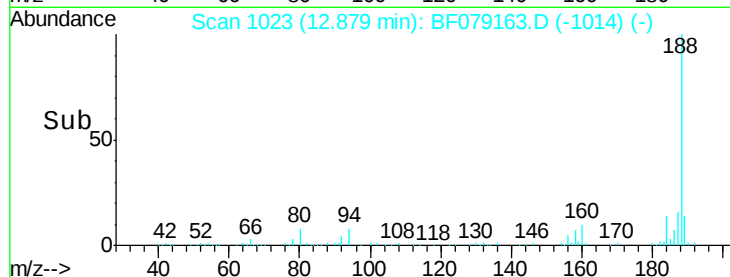
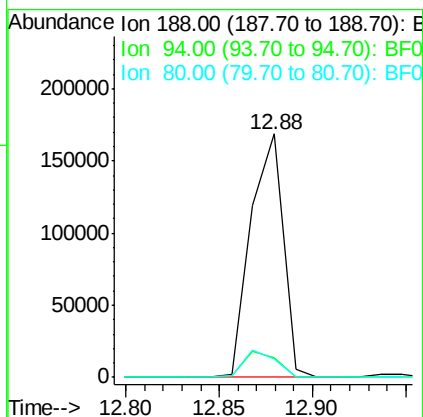
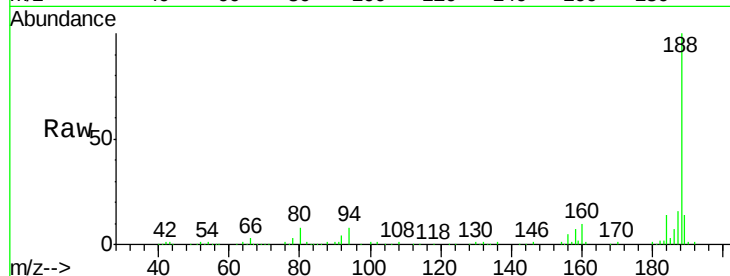




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF079163.D
Acq: 12 May 2015 17:50

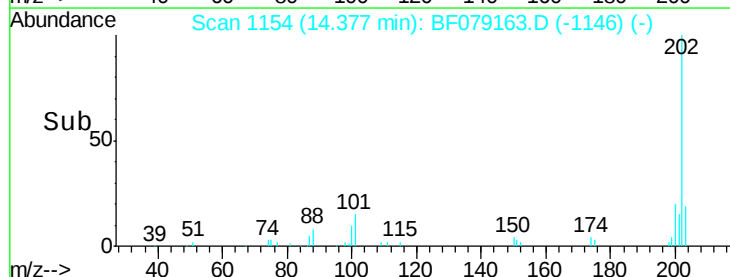
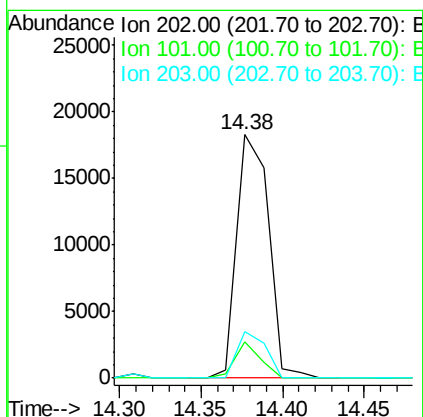
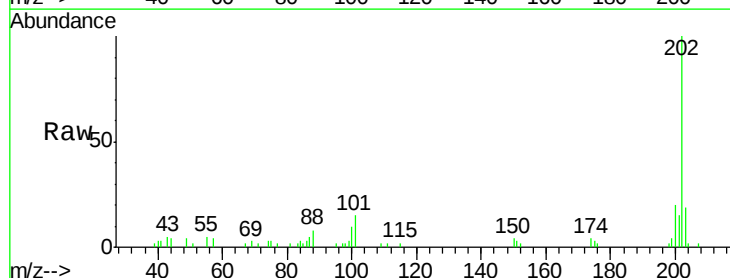
Instrument :
BNA_F
ClientSampleId :
COMP-E

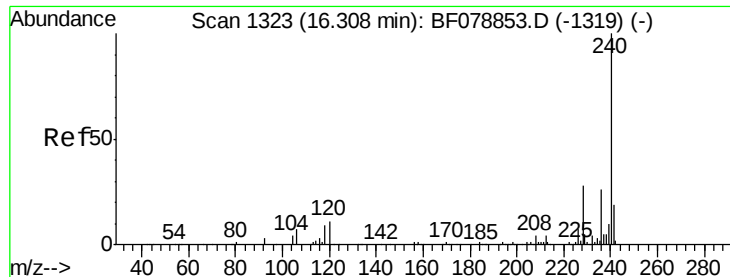
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	7.8	8.9	13.3#



#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	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.6
203	19.3	0.0	38.4





#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

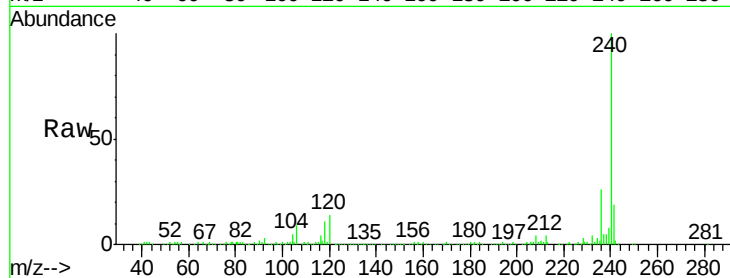
Tgt Ion:240 Resp: 215843

Ion Ratio Lower Upper

240 100

120 13.7 9.7 14.5

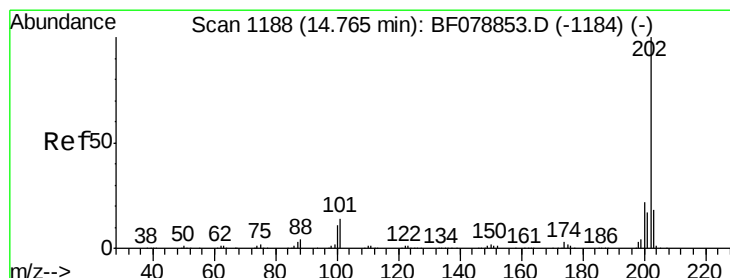
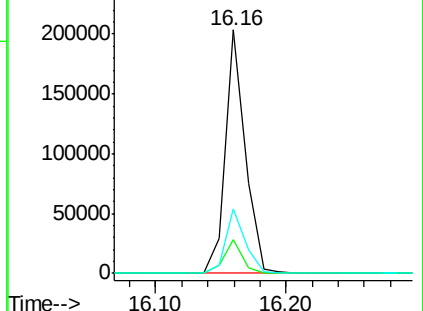
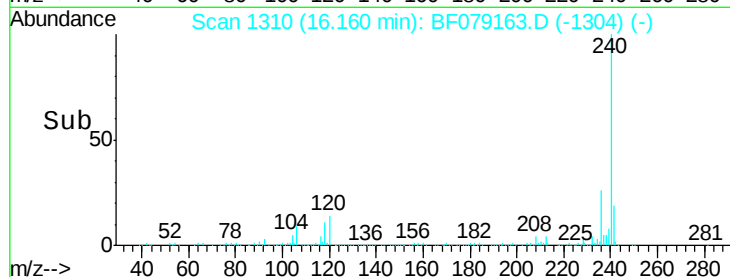
236 26.3 20.2 30.4



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

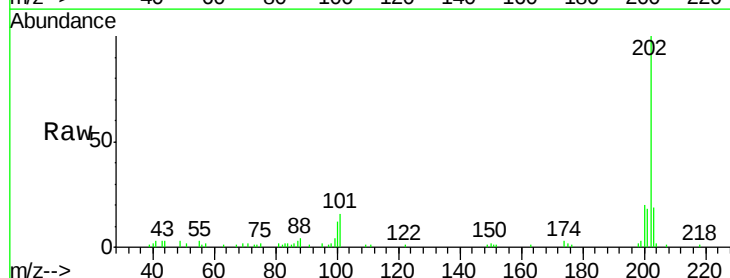
Tgt Ion:202 Resp: 29463

Ion Ratio Lower Upper

202 100

200 19.7 17.5 26.3

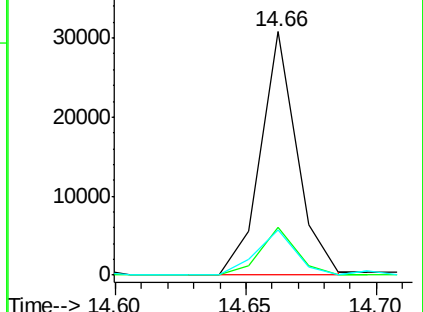
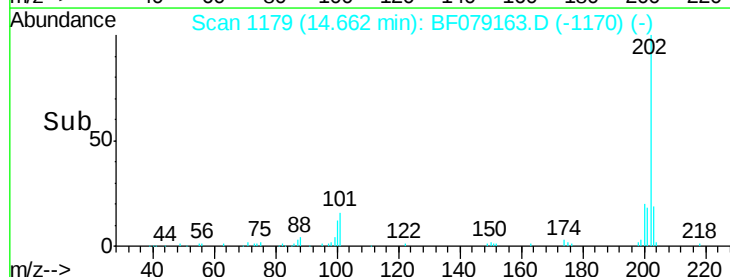
203 18.5 13.9 20.9

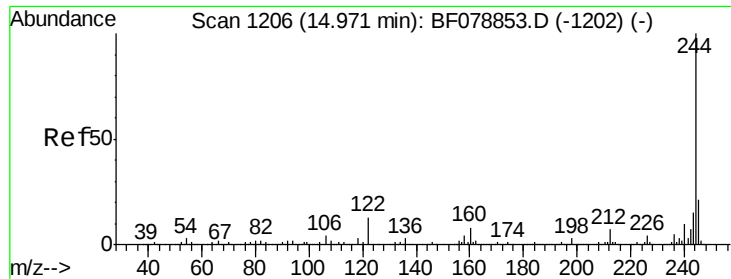


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

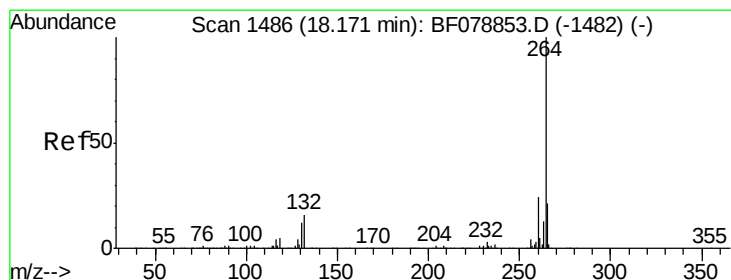
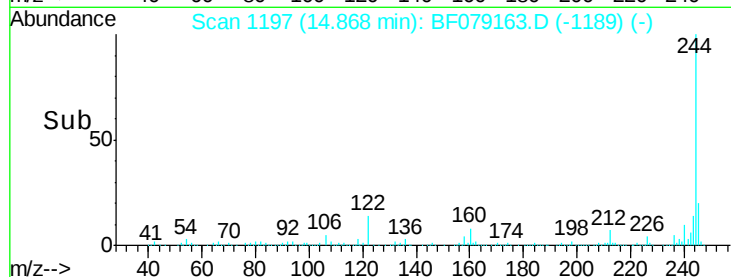
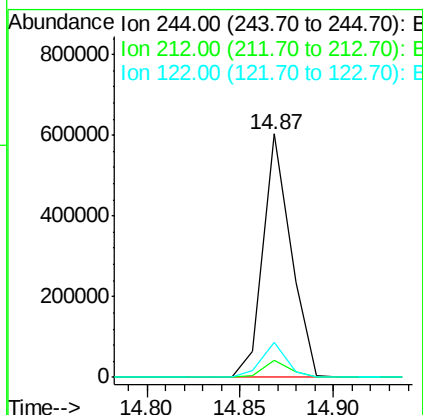
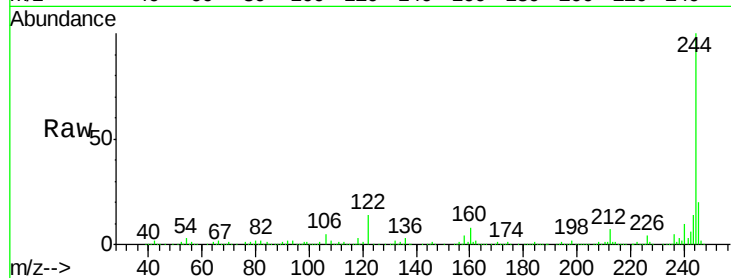




#78
 Terphenyl-d14
 Concen: 69.12 ng
 RT: 14.87 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF079163.D
 Acq: 12 May 2015 17:50

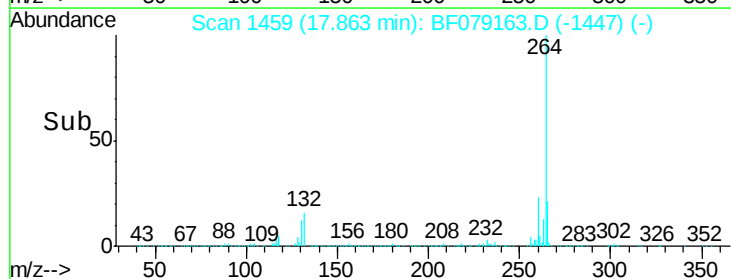
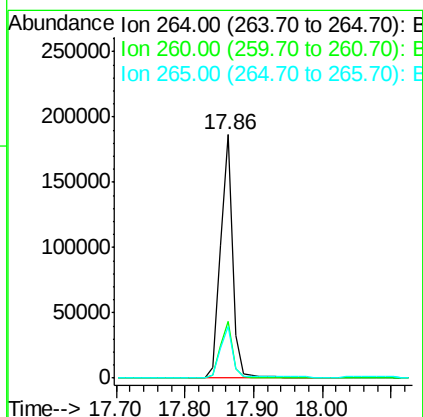
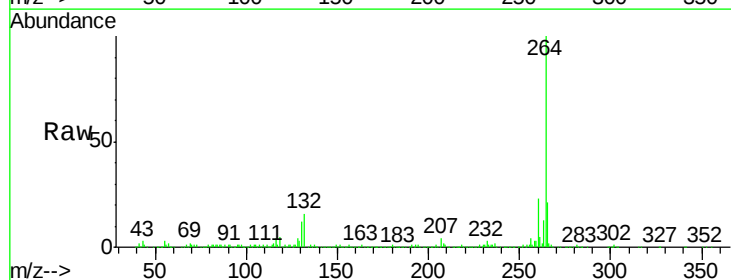
Instrument :
 BNA_F
 ClientSampleId :
 COMP-E

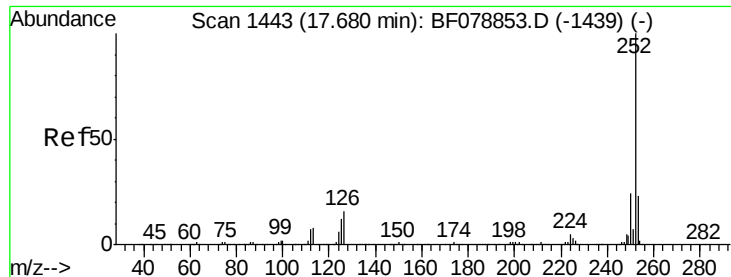
Tgt Ion: 244 Resp: 623109
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 14.1 10.3 15.5



#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





#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

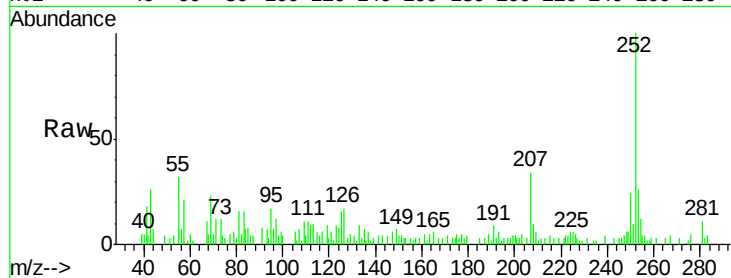
Tgt Ion:252 Resp: 25833

Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

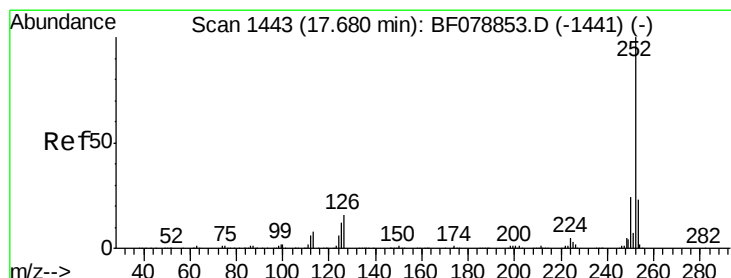
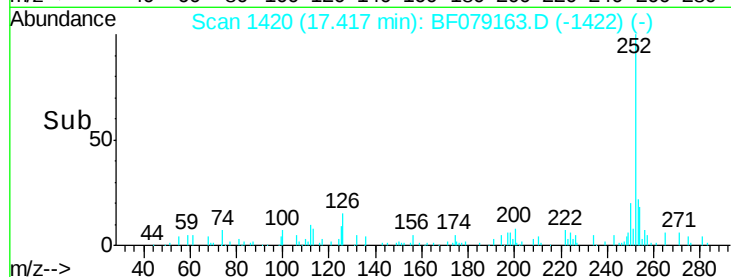
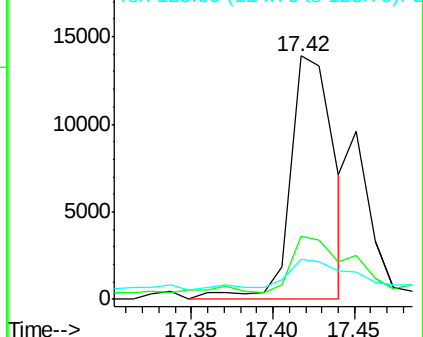
125 16.5 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.82 ng

RT: 17.42 min Scan# 1420

Delta R.T. -0.16 min

Lab File: BF079163.D

Acq: 12 May 2015 17:50

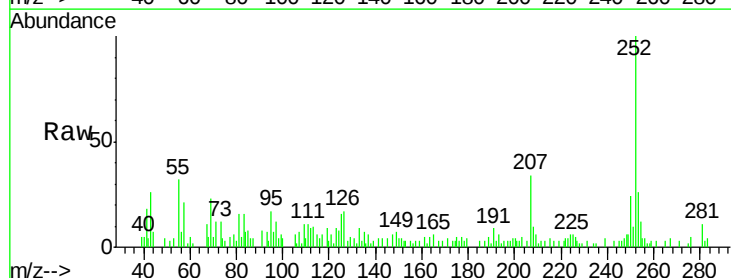
Tgt Ion:252 Resp: 35166

Ion Ratio Lower Upper

252 100

253 25.9 18.1 27.1

125 16.5 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

