

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077615.D
 Acq On : 5 Mar 2015 9:44
 Operator : TP/IZ
 Sample : G1332-09 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 05 13:00:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 13:27:09 2015
 Response via : Initial Calibration

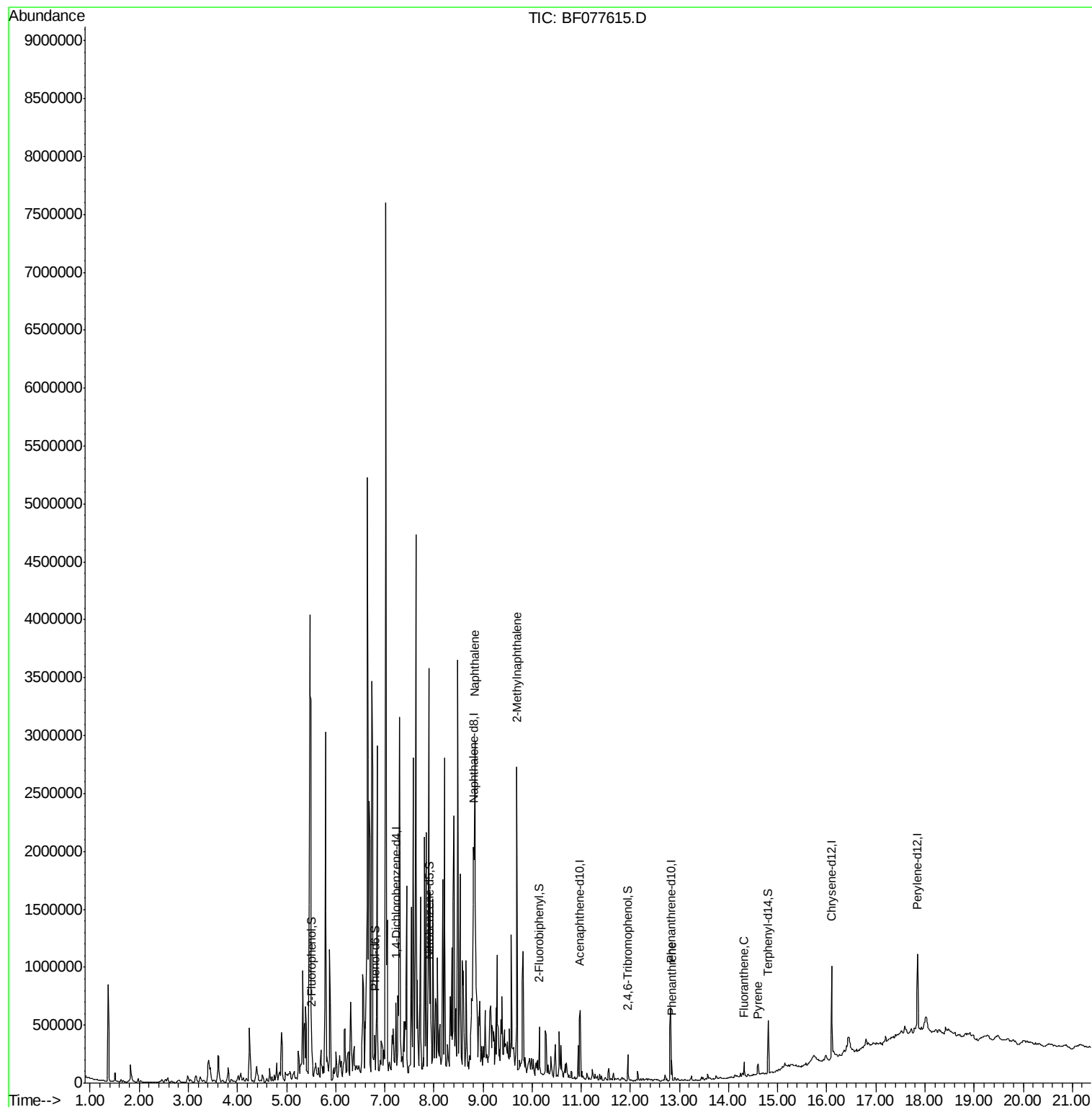
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	73671	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	287030	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	156695	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	307957	20.00	ng	0.00
75) Chrysene-d12	16.10	240	326583	20.00	ng	0.00
86) Perylene-d12	17.85	264	295536	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	72816	16.50	ng	0.00
7) Phenol-d6	6.79	99	99118	17.47	ng	0.00
23) Nitrobenzene-d5	7.92	82	63775	13.82	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	24279	16.09	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	127604	12.70	ng	0.00
78) Terphenyl-d14	14.81	244	153114	10.96	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.83	128	1094301	76.24	ng	98
37) 2-Methylnaphthalene	9.69	142	726520	71.27	ng	97
70) Phenanthrene	12.84	178	70116	3.93	ng	98
74) Fluoranthene	14.32	202	56306	2.89	ng	97
77) Pyrene	14.60	202	50673	2.54	ng	99

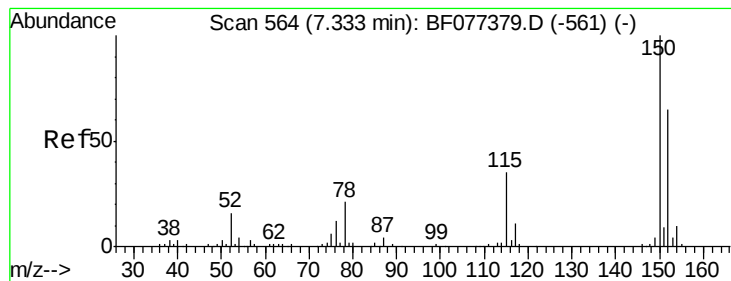
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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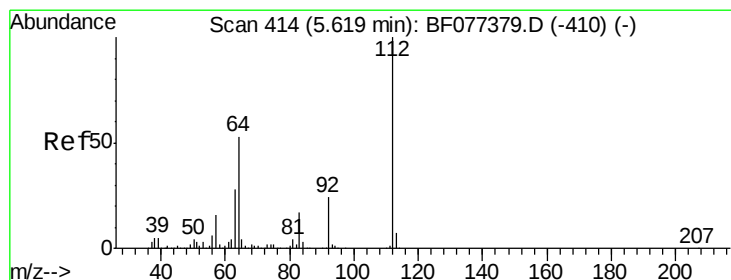
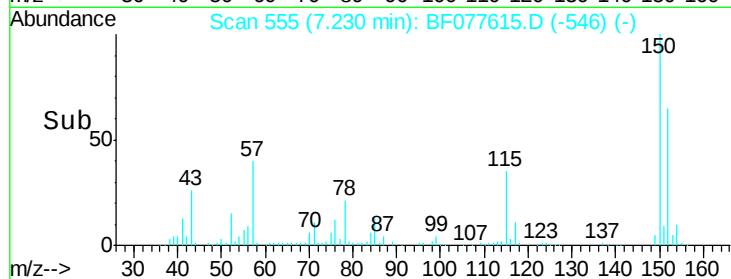
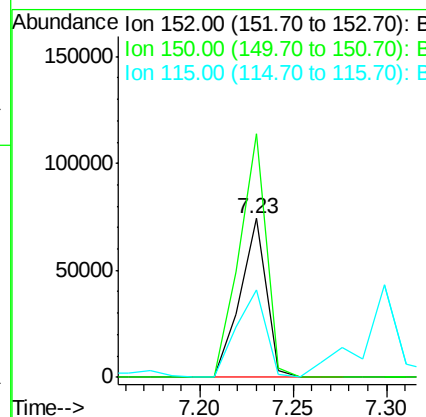
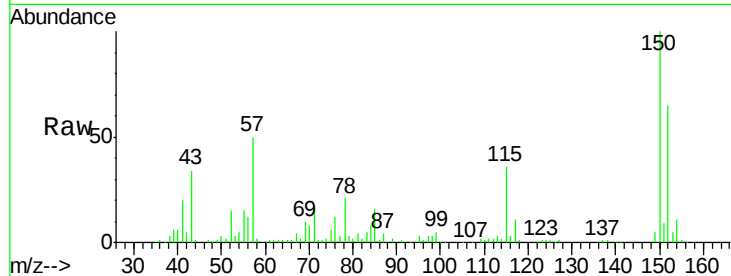




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF077615.D
 Acq: 5 Mar 2015 9:44

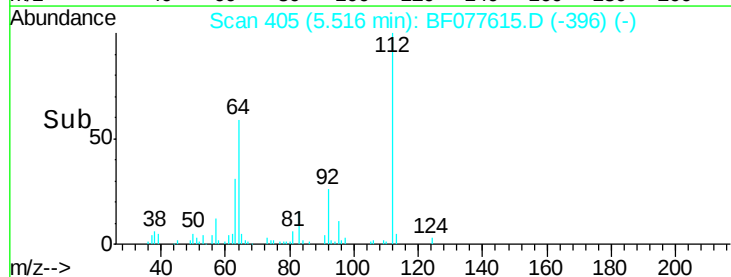
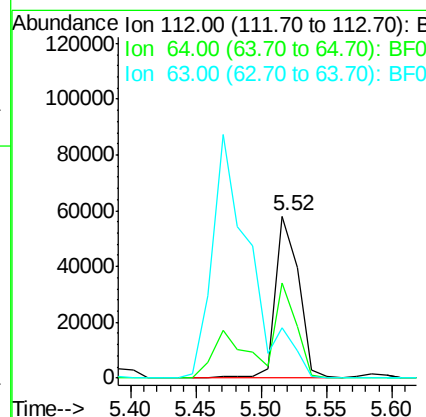
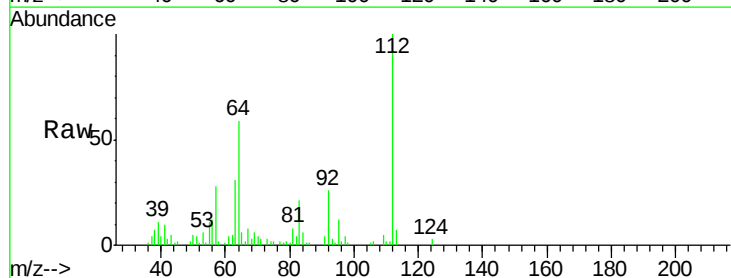
Instrument :
 BNA_F
 ClientSampled :
 TP-2

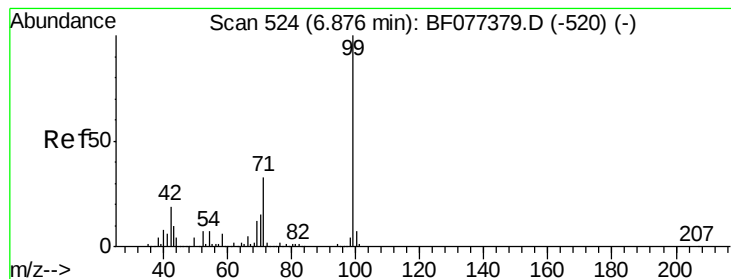
Tgt Ion:152 Resp: 73671
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.0 186.0
 115 54.8 49.4 74.2



#5
 2-Fluorophenol
 Concen: 16.50 ng
 RT: 5.52 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: BF077615.D
 Acq: 5 Mar 2015 9:44

Tgt Ion:112 Resp: 72816
 Ion Ratio Lower Upper
 112 100
 64 59.1 48.5 72.7
 63 31.1 25.0 37.4





#7

Phenol-d6

Concen: 17.47 ng

RT: 6.79 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

Instrument :

BNA_F

ClientSampleId :

TP-2

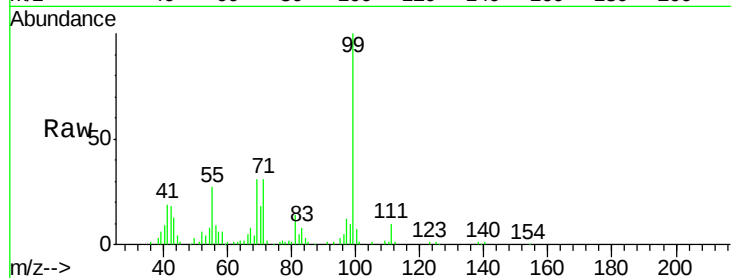
Tgt Ion: 99 Resp: 99118

Ion Ratio Lower Upper

99 100

42 17.6 16.2 24.4

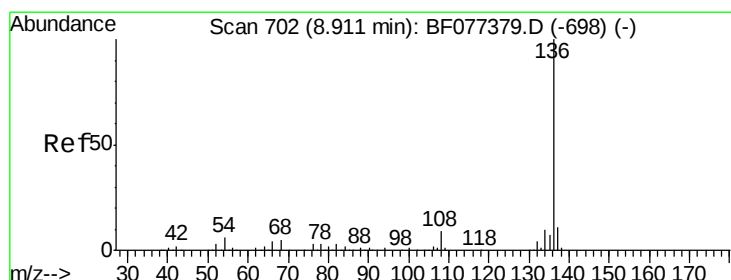
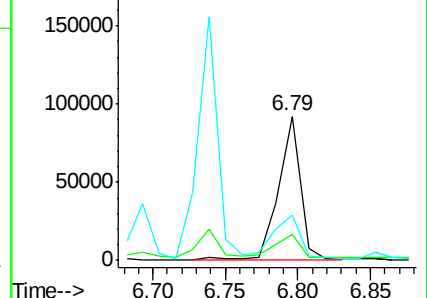
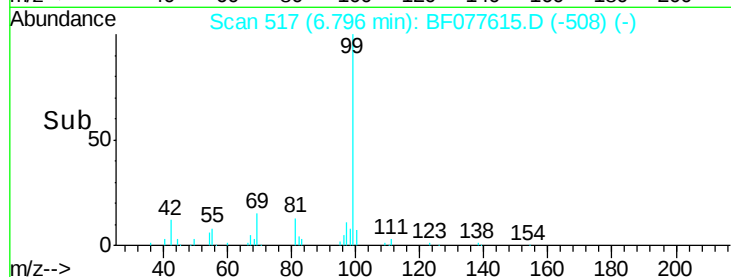
71 31.1 26.7 40.1



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: 8.80 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

Tgt Ion: 136 Resp: 287030

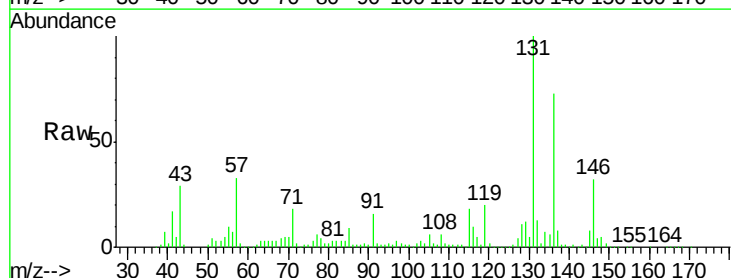
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 7.0 6.2 9.4

68 6.1 5.0 7.6

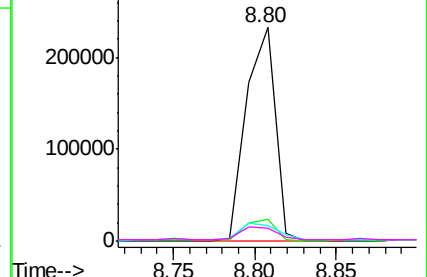
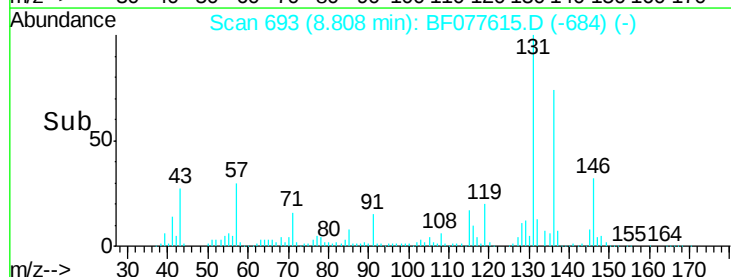


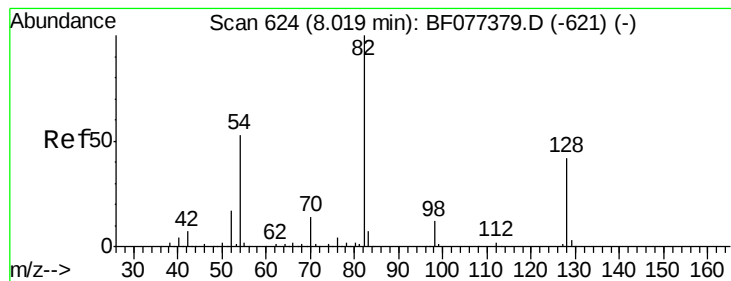
Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.82 ng

RT: 7.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

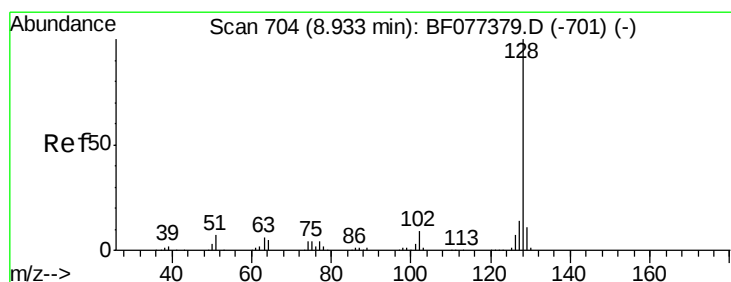
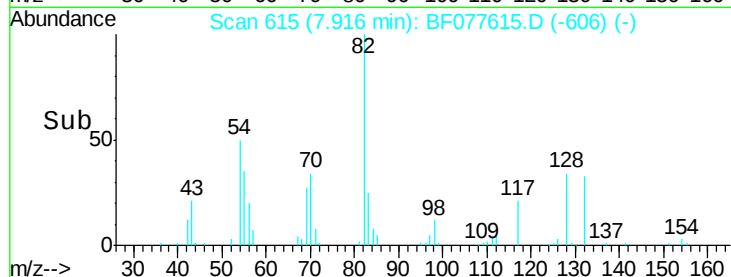
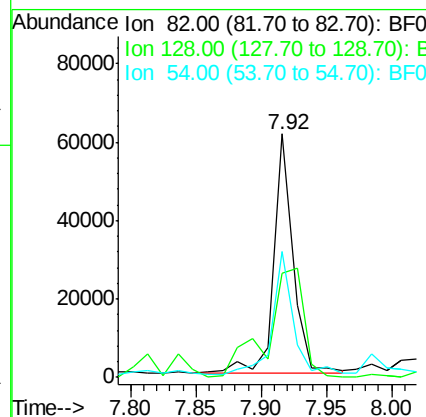
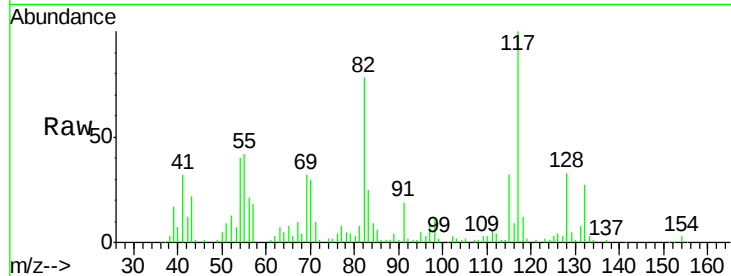
Instrument :

BNA_F

ClientSampled :

TP-2

Tgt Ion:	82	Resp:	63775
Ion Ratio	Lower	Upper	
82	100		
128	43.0	43.8	65.8#
54	51.8	36.7	55.1



#31

Naphthalene

Concen: 76.24 ng

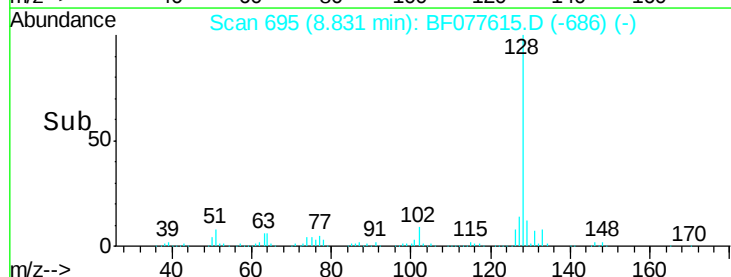
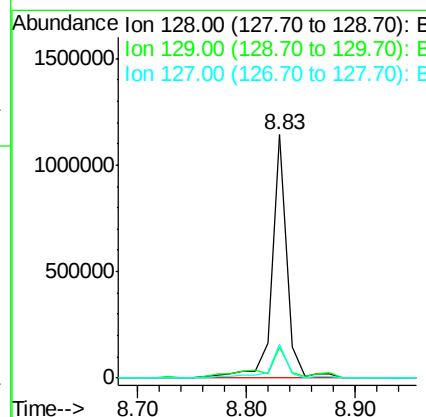
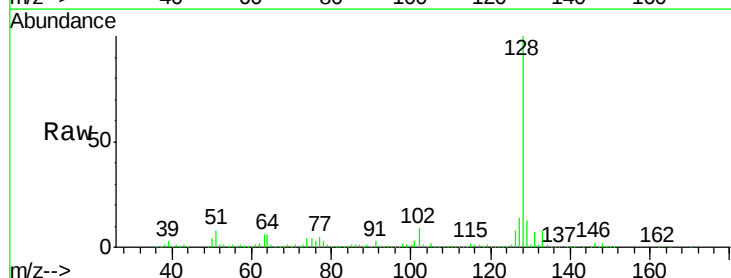
RT: 8.83 min Scan# 695

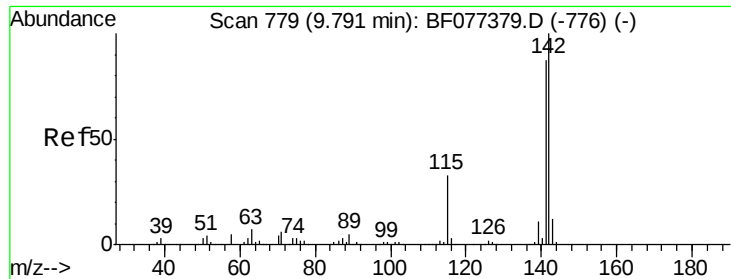
Delta R.T. 0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

Tgt Ion:	128	Resp:	1094301
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.4	14.0
127	14.0	10.6	15.8





#37

2-Methylnaphthalene

Concen: 71.27 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

Instrument :

BNA_F

ClientSampleId :

TP-2

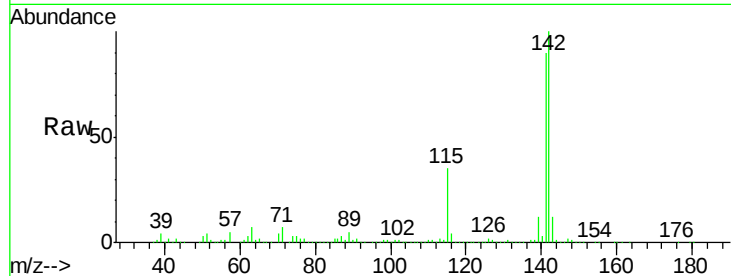
Tgt Ion:142 Resp: 726520

Ion Ratio Lower Upper

142 100

141 89.5 70.7 106.1

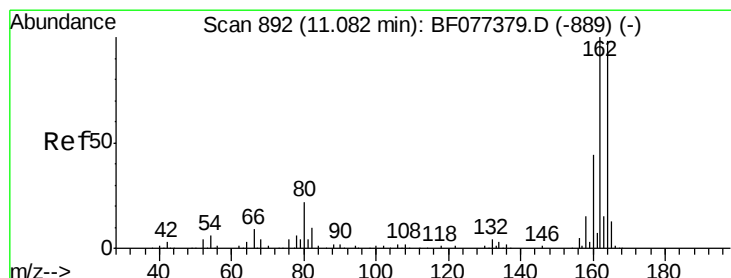
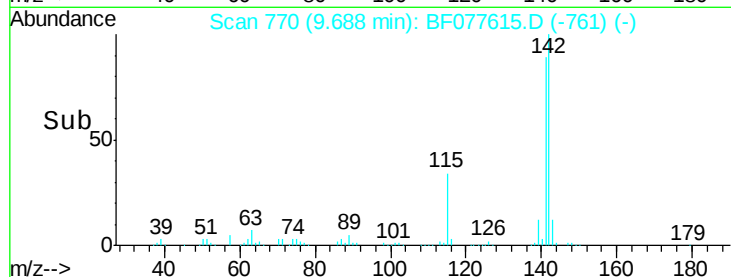
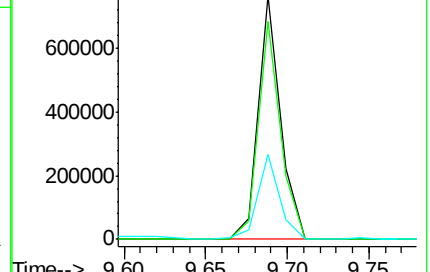
115 35.1 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

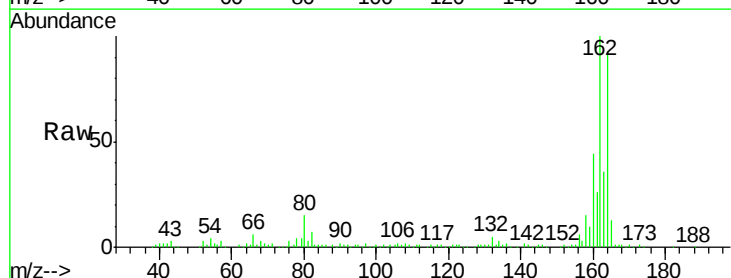
Tgt Ion:164 Resp: 156695

Ion Ratio Lower Upper

164 100

162 107.1 83.2 124.8

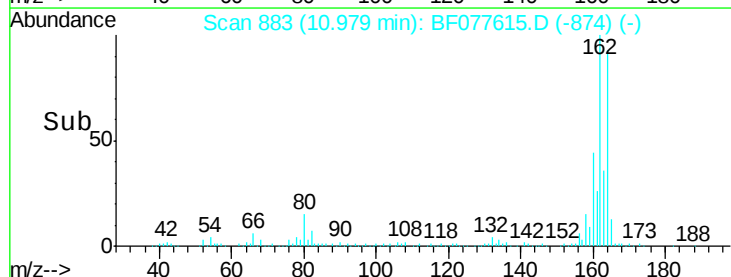
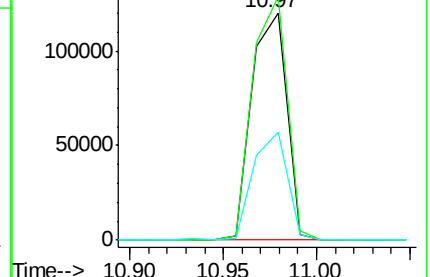
160 47.5 34.6 52.0

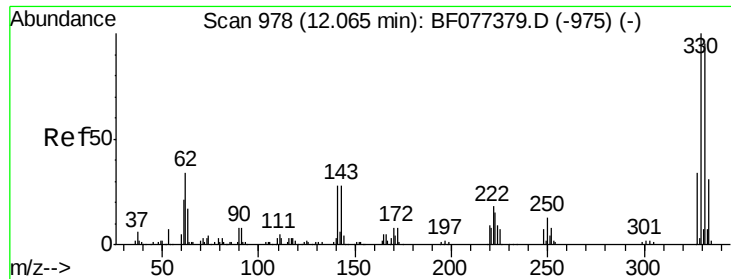


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

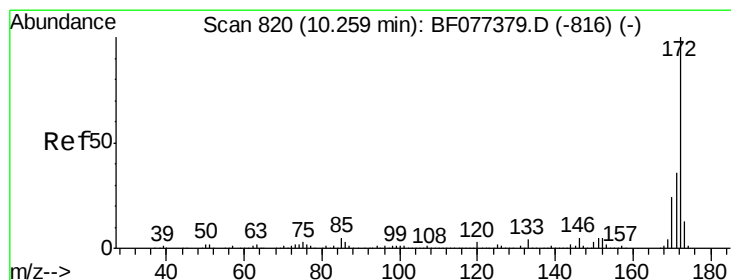
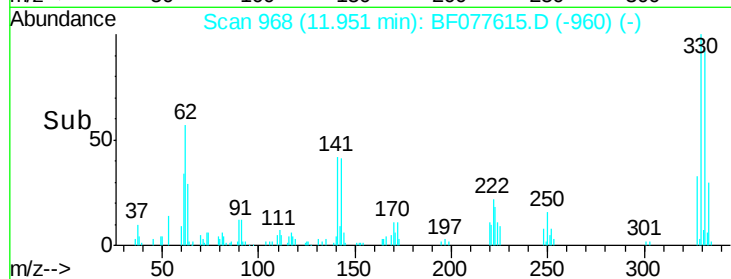
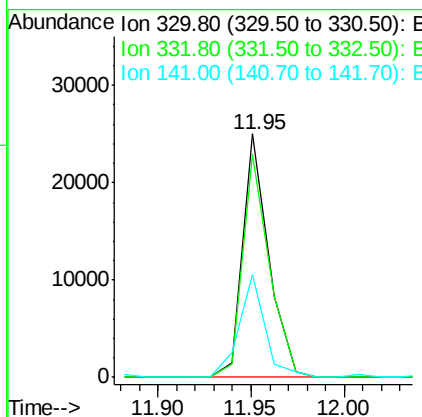
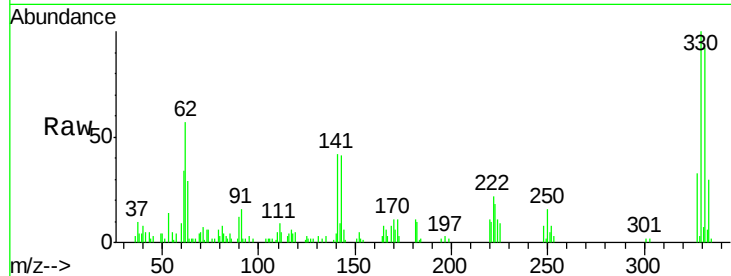




#41
 2,4,6-Tribromophenol
 Concen: 16.09 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077615.D
 Acq: 5 Mar 2015 9:44

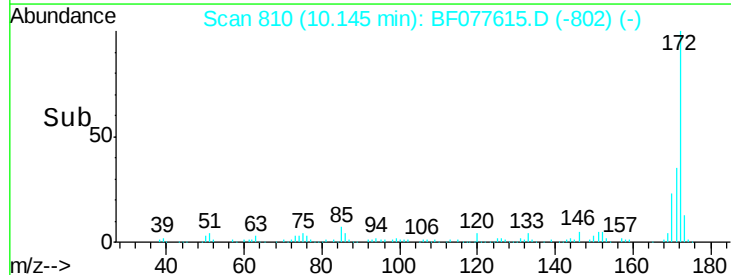
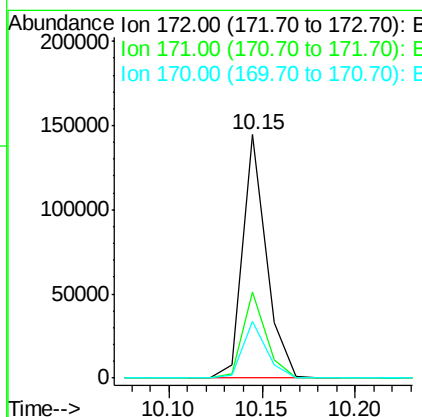
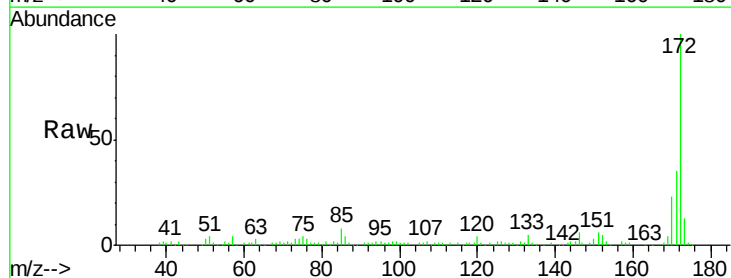
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

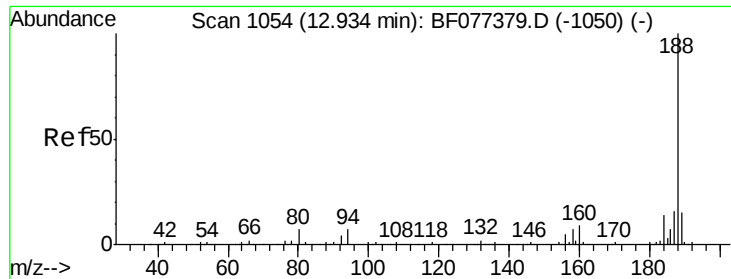
Tgt Ion:330 Resp: 24279
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.2
 141 42.5 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 12.70 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077615.D
 Acq: 5 Mar 2015 9:44

Tgt Ion:172 Resp: 127604
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.3 19.4 29.2

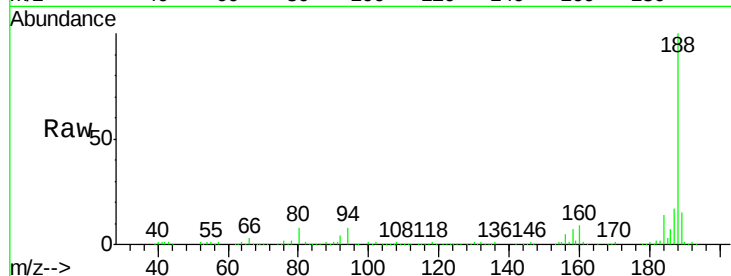




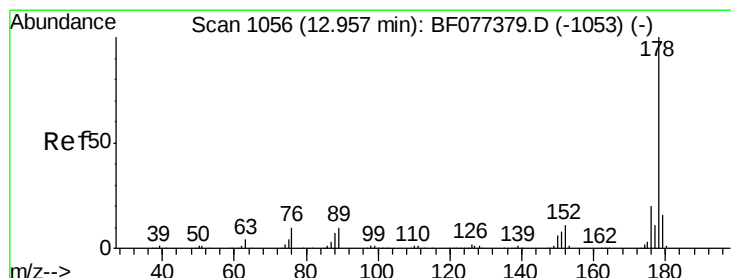
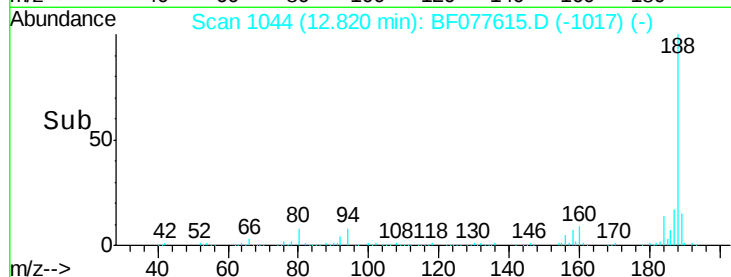
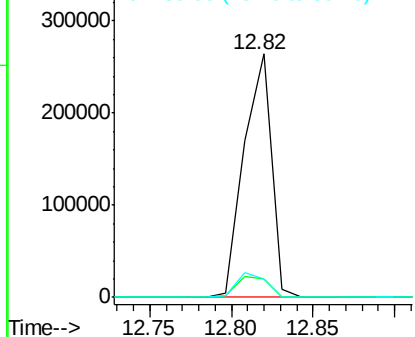
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF077615.D
Acq: 5 Mar 2015 9:44

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 307957
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 7.8 8.0 12.0#

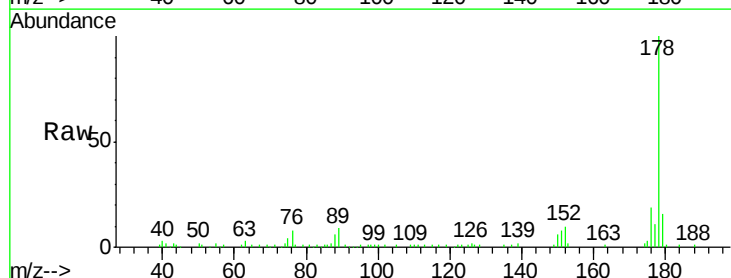


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

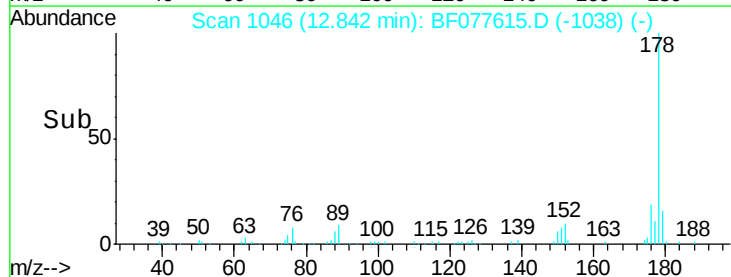
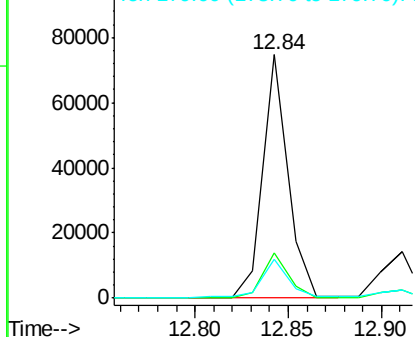


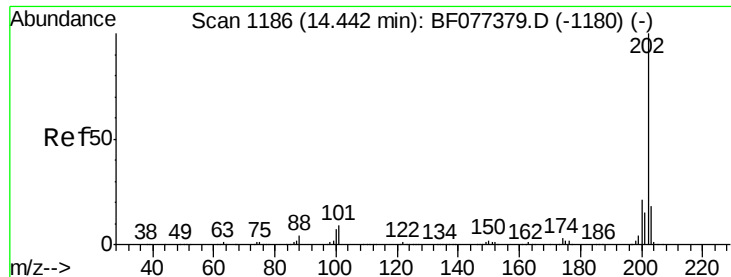
#70
Phenanthrene
Concen: 3.93 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077615.D
Acq: 5 Mar 2015 9:44

Tgt Ion:178 Resp: 70116
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.89 ng

RT: 14.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

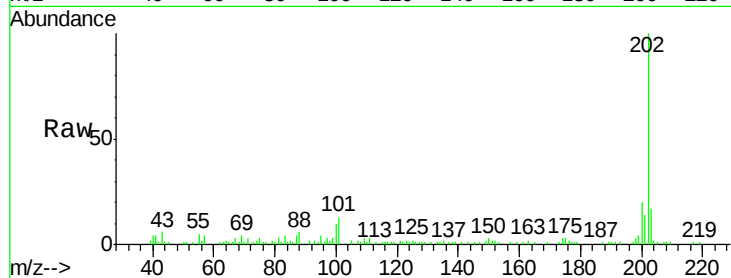
Instrument :

BNA_F

ClientSampleId :

TP-2

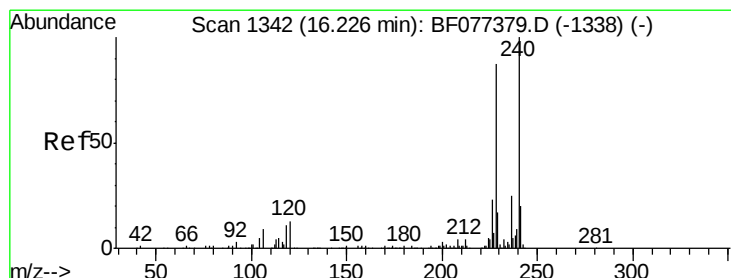
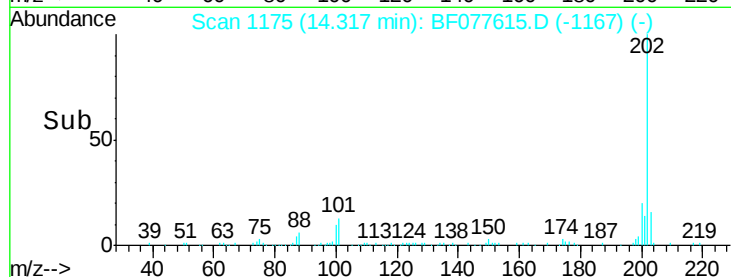
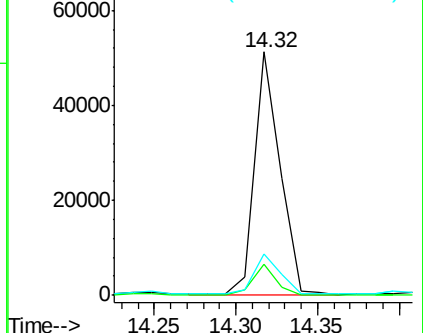
Tgt Ion:	202	Resp:	56306
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.8
203	16.9	0.0	37.7



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

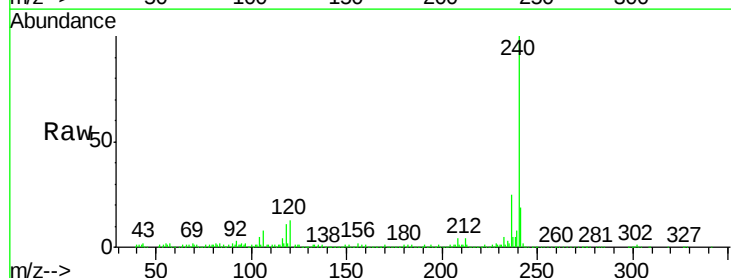
RT: 16.10 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

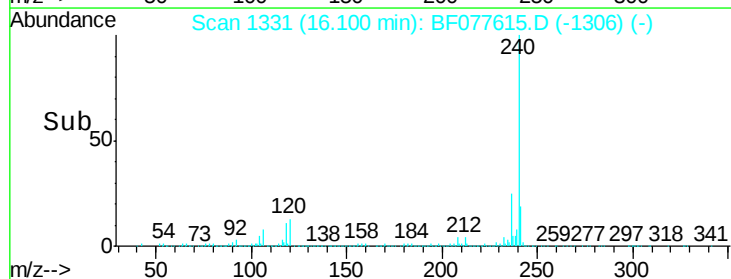
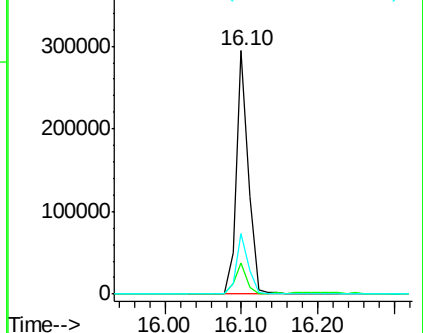
Tgt Ion:	240	Resp:	326583
Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.8	13.2
236	25.1	20.7	31.1

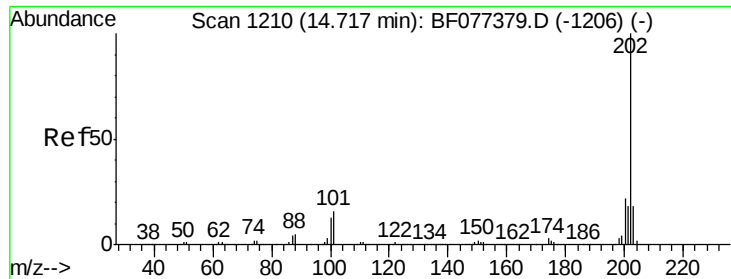


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.54 ng

RT: 14.60 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

Instrument :

BNA_F

ClientSampleId :

TP-2

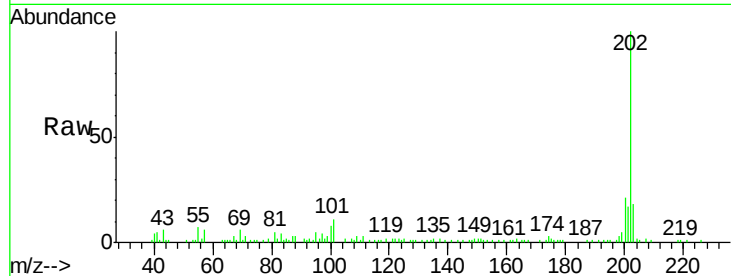
Tgt Ion: 202 Resp: 50673

Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

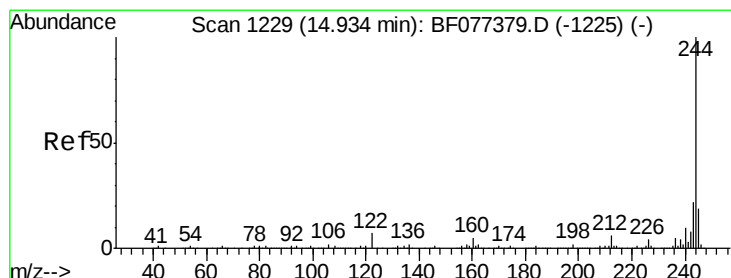
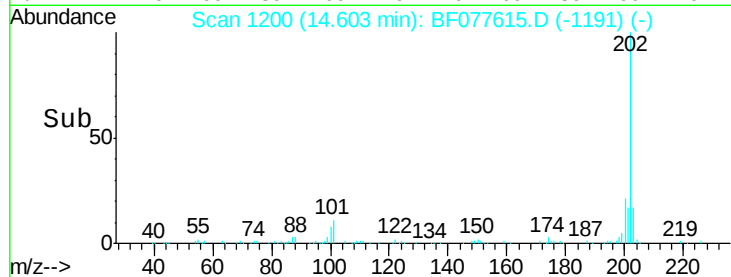
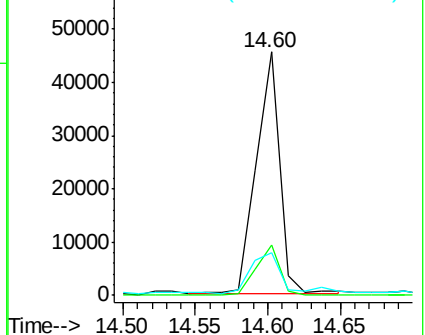
203 17.6 14.2 21.2



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: 10.96 ng

RT: 14.81 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF077615.D

Acq: 5 Mar 2015 9:44

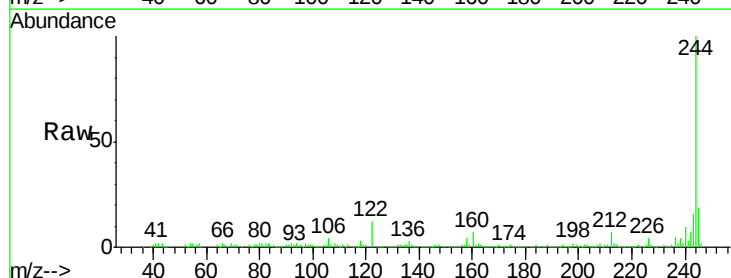
Tgt Ion: 244 Resp: 153114

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

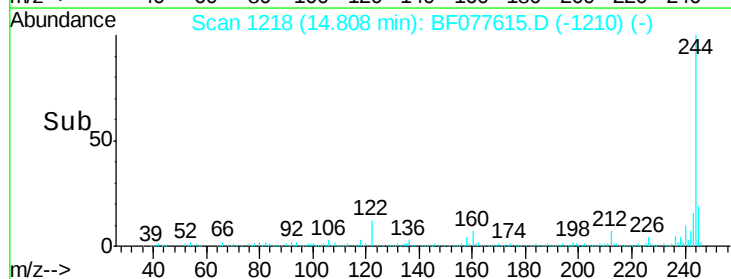
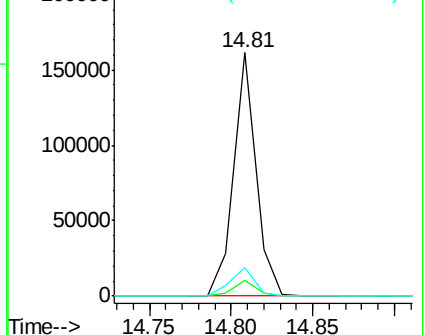
122 11.8 7.8 11.8

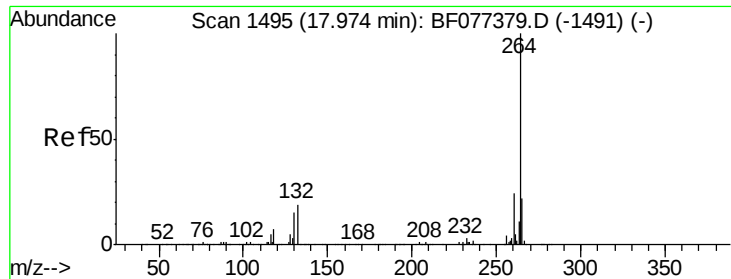


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

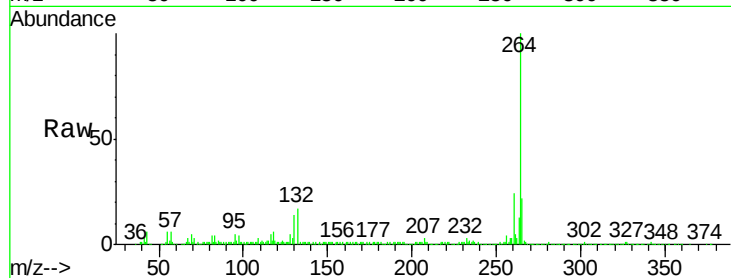




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF077615.D
Acq: 5 Mar 2015 9:44

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 264 Resp: 295536
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.8 16.8 25.2



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

