

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
 Data File : BF077167.D
 Acq On : 3 Feb 2015 18:18
 Operator : TP/IZ
 Sample : PB81584BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BL

Quant Time: Feb 04 01:26:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 01:16:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	24788	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	97997	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	48917	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	101217	20.00	ng	0.00
75) Chrysene-d12	21.07	240	97495	20.00	ng	0.00
86) Perylene-d12	22.71	264	87755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	184279	122.23	ng	0.00
7) Phenol-d6	7.08	99	230524	121.21	ng	0.00
23) Nitrobenzene-d5	8.98	82	135909	76.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.44	330	49129	123.73	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	294633	91.66	ng	0.00
78) Terphenyl-d14	19.81	244	357901	84.51	ng	0.00

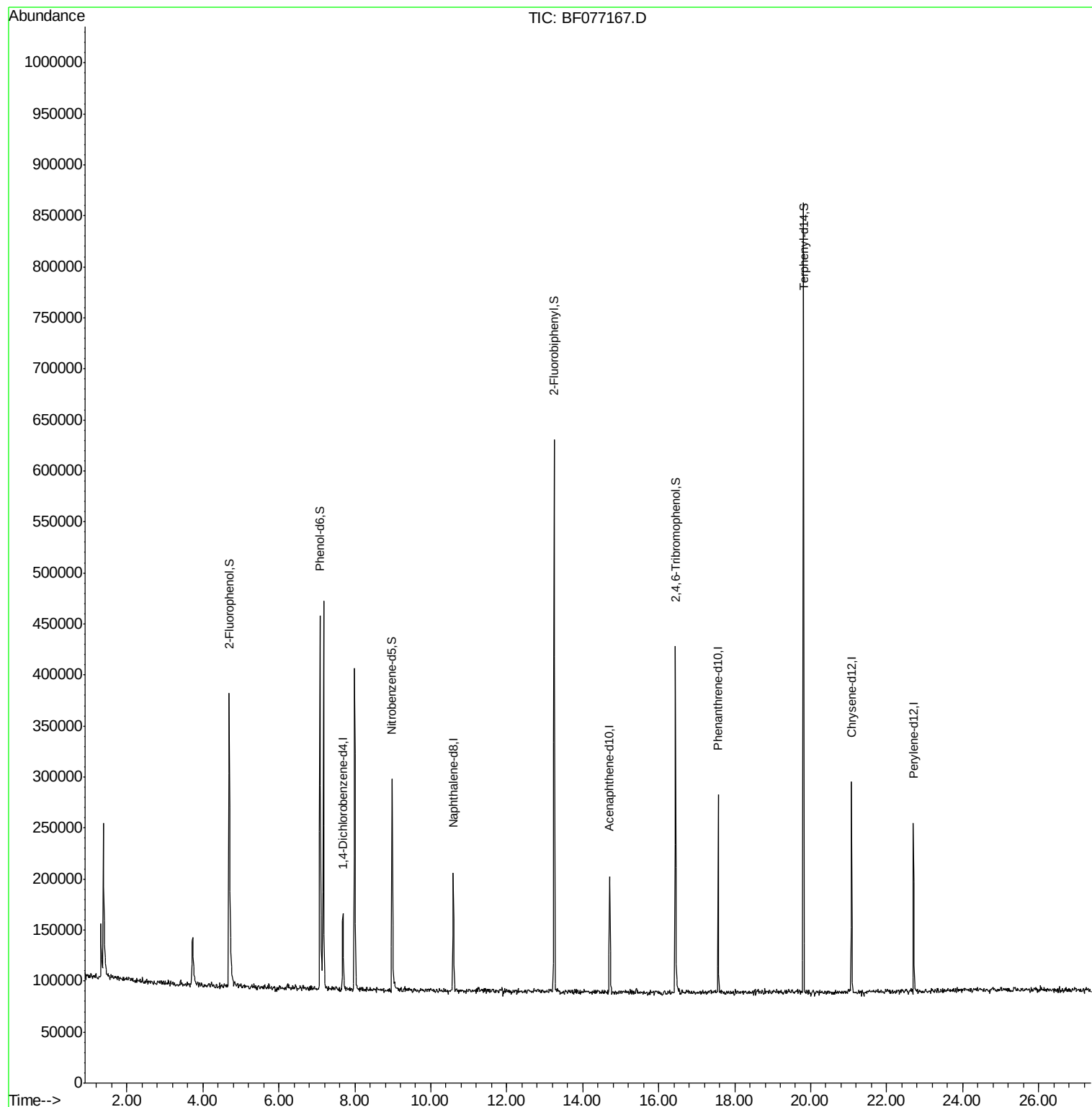
Target Compounds	Qvalue
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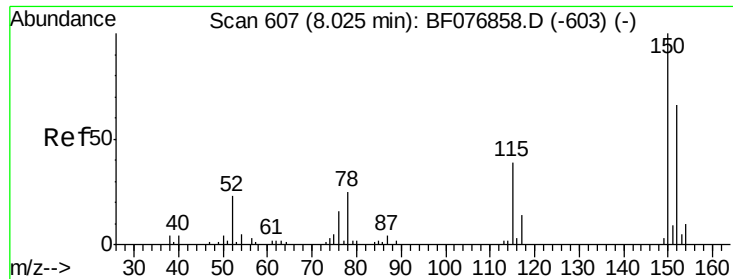
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81584BL

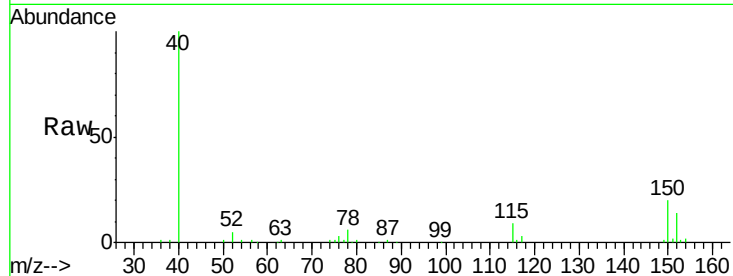
Tgt Ion:152 Resp: 24788

Ion Ratio Lower Upper

152 100

150 143.0 121.7 182.5

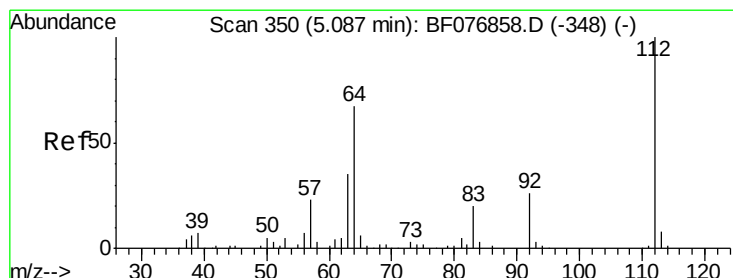
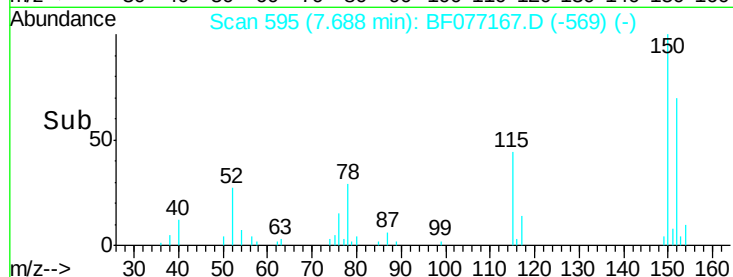
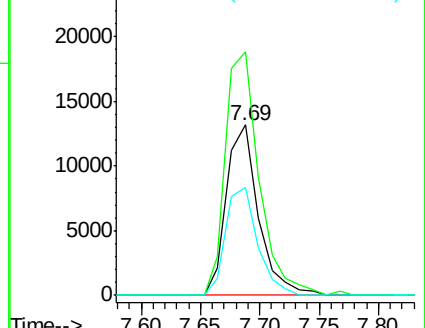
115 63.1 47.0 70.6



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: 122.23 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

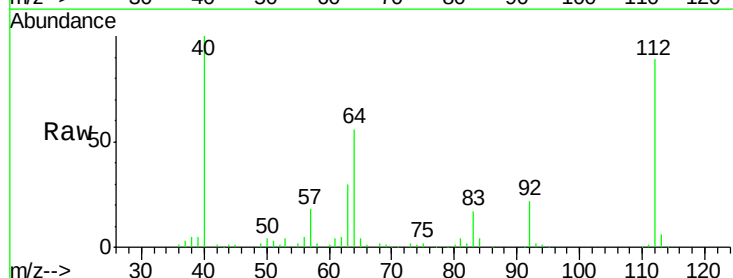
Tgt Ion:112 Resp: 184279

Ion Ratio Lower Upper

112 100

64 63.4 54.2 81.4

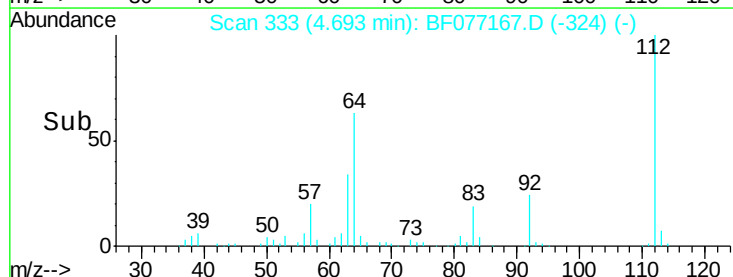
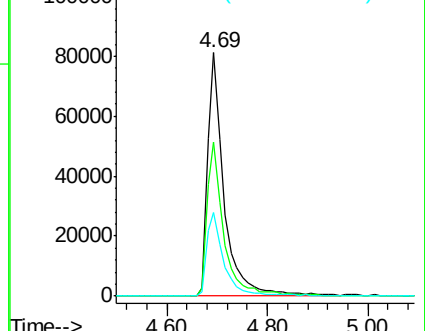
63 34.2 28.4 42.6

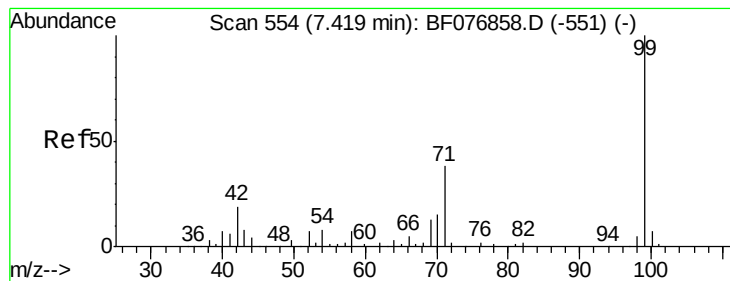


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.21 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81584BL

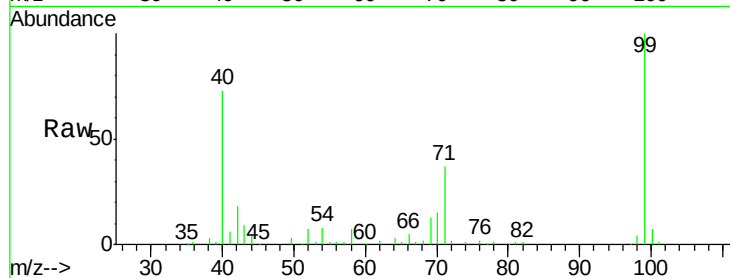
Tgt Ion: 99 Resp: 230524

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

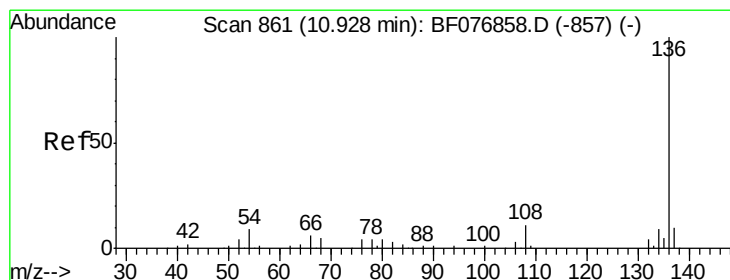
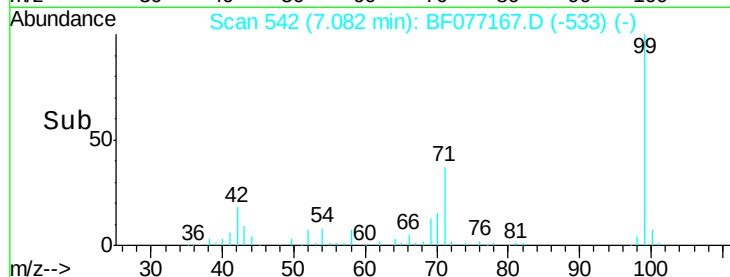
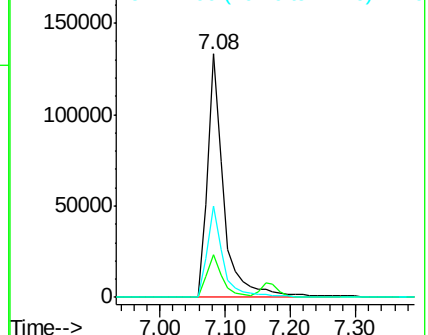
71 37.2 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

Tgt Ion: 136 Resp: 97997

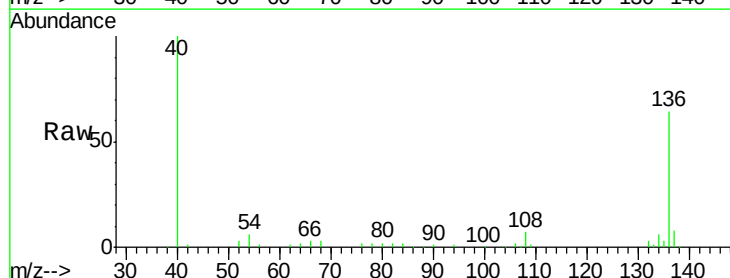
Ion Ratio Lower Upper

136 100

137 11.9 8.1 12.1

54 8.9 7.0 10.4

68 4.2 3.7 5.5

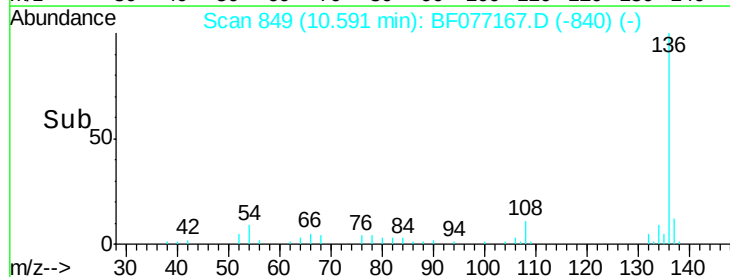
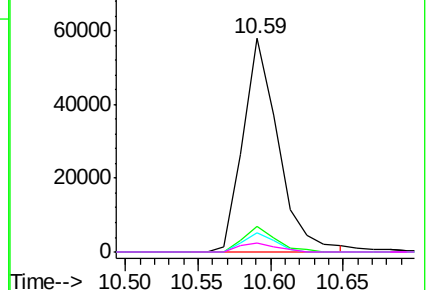


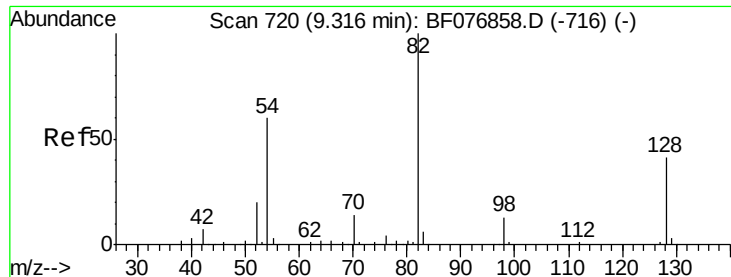
Abundance Ion 136.00 (135.70 to 136.70): E

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

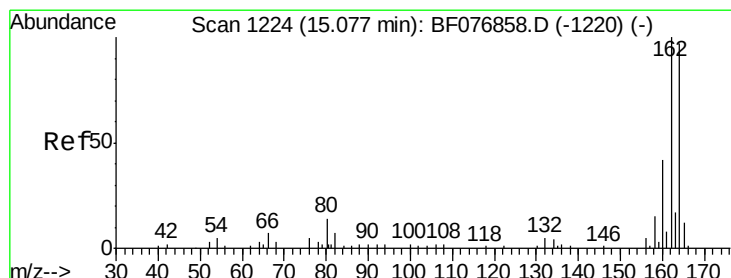
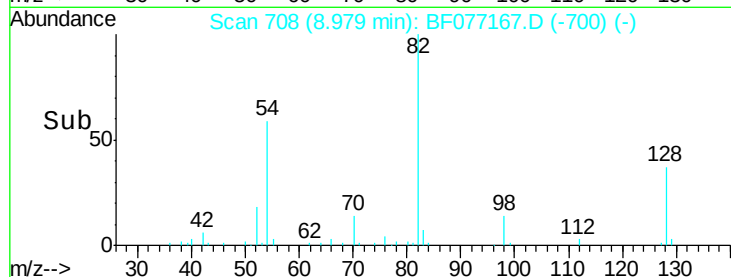
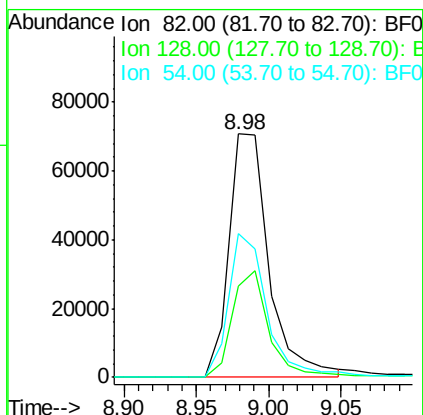
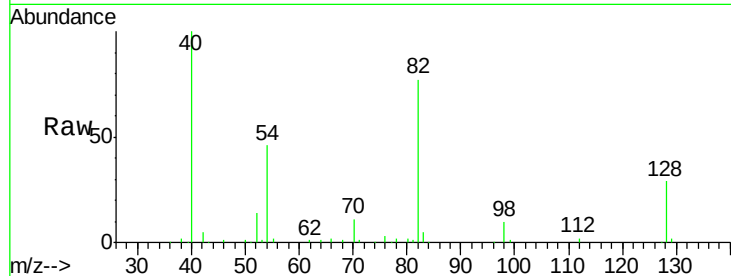




#23
 Nitrobenzene-d5
 Concen: 76.83 ng
 RT: 8.98 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

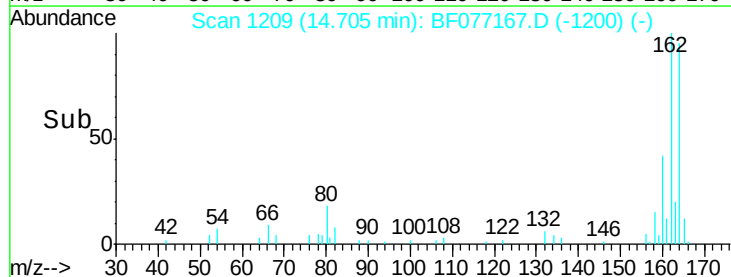
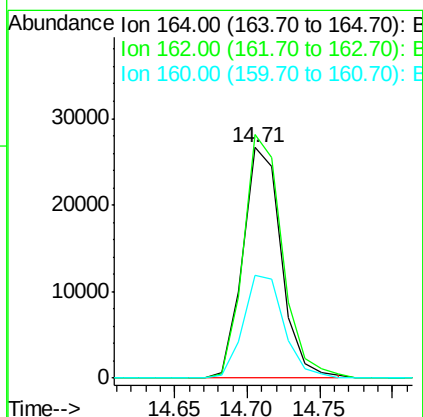
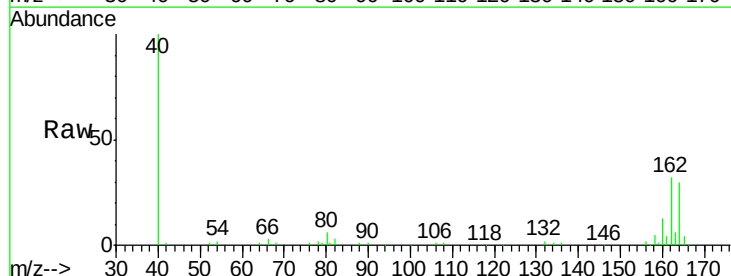
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BL

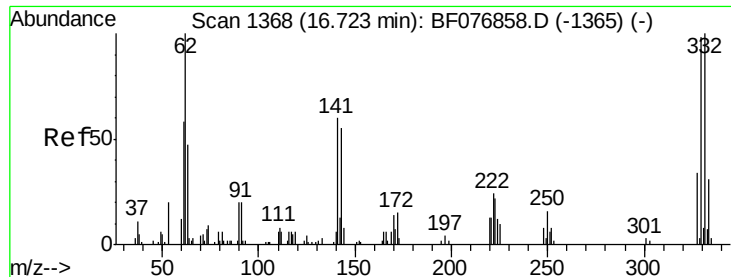
Tgt Ion: 82 Resp: 135909
 Ion Ratio Lower Upper
 82 100
 128 37.3 33.1 49.7
 54 58.9 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

Tgt Ion: 164 Resp: 48917
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.4 123.6
 160 44.8 34.8 52.2





#41

2,4,6-Tribromophenol

Concen: 123.73 ng

RT: 16.44 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81584BL

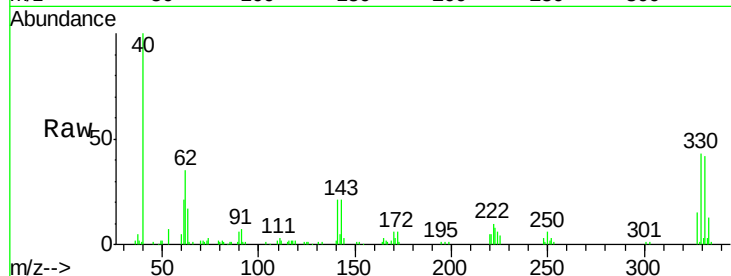
Tgt Ion:330 Resp: 49129

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.6

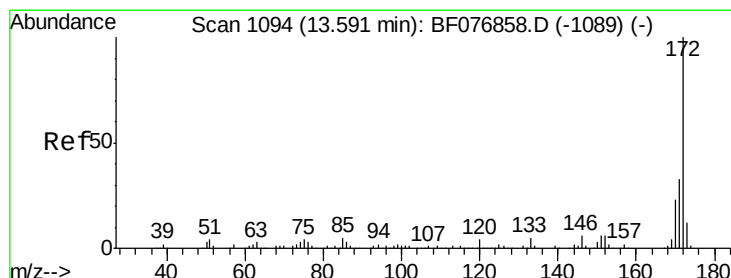
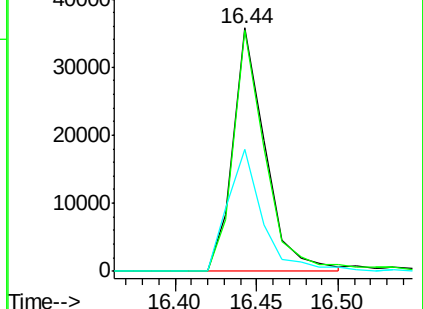
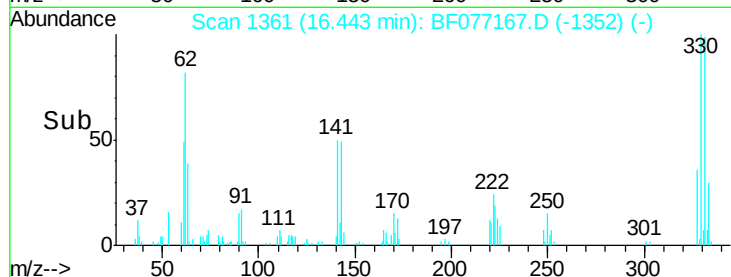
141 53.6 38.5 57.7



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: 91.66 ng

RT: 13.24 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

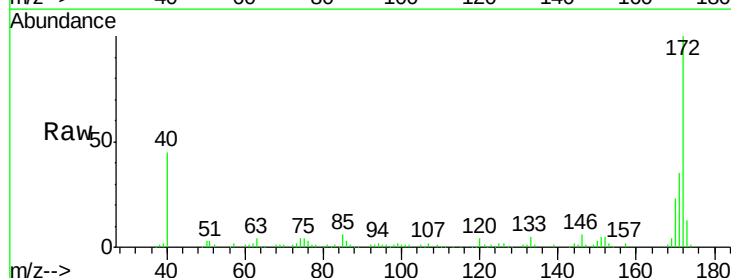
Tgt Ion:172 Resp: 294633

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

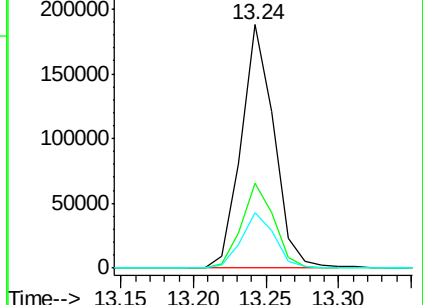
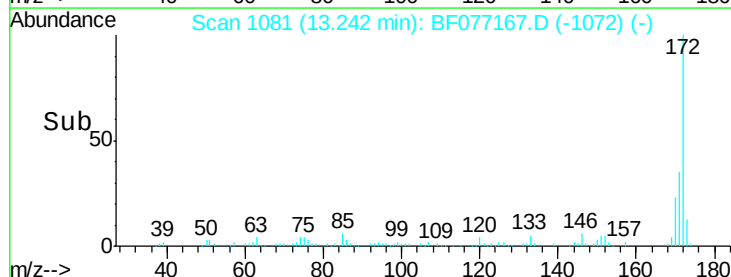
170 22.9 18.0 27.0

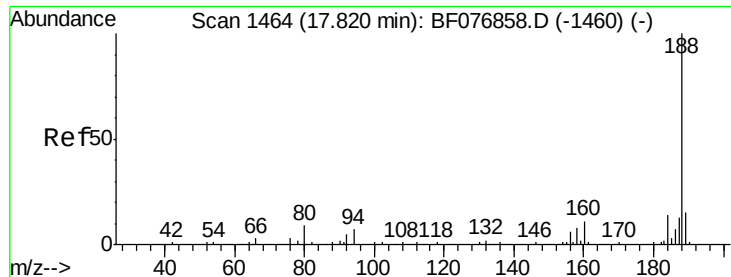


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

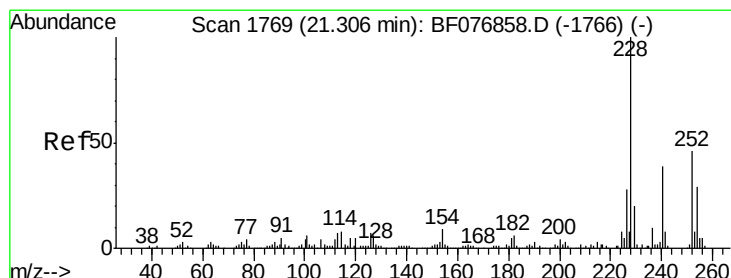
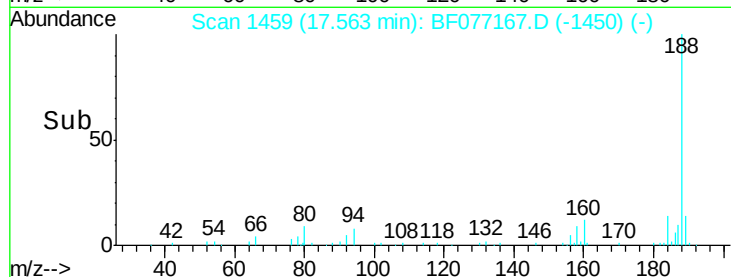
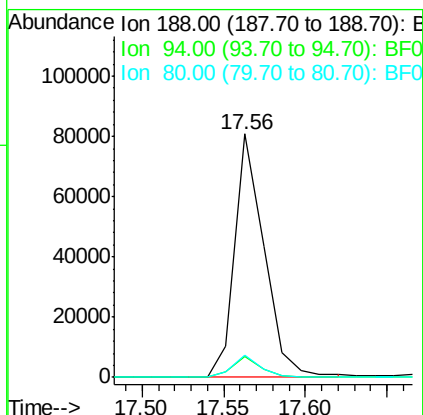
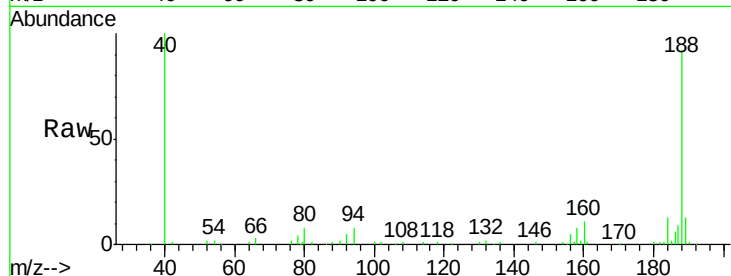




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF077167.D
Acq: 3 Feb 2015 18:18

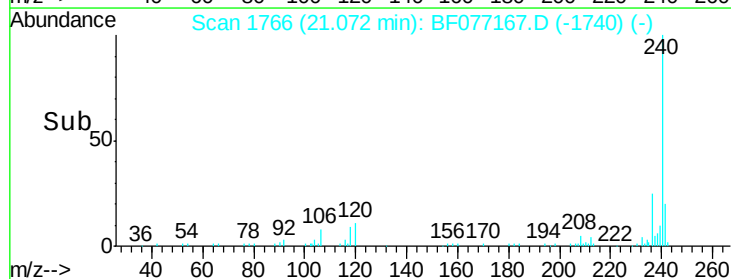
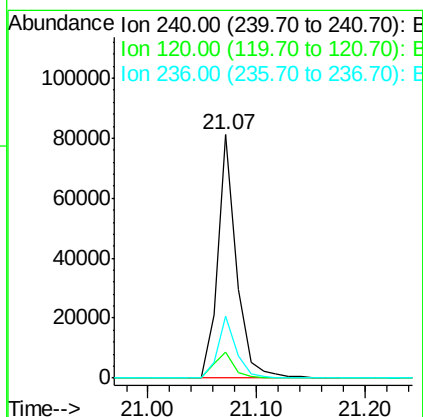
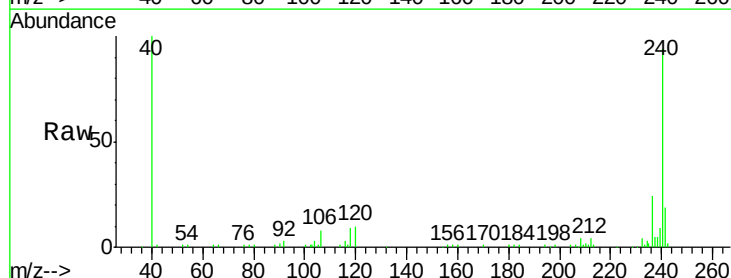
Instrument :
BNA_F
ClientSampled :
PB81584BL

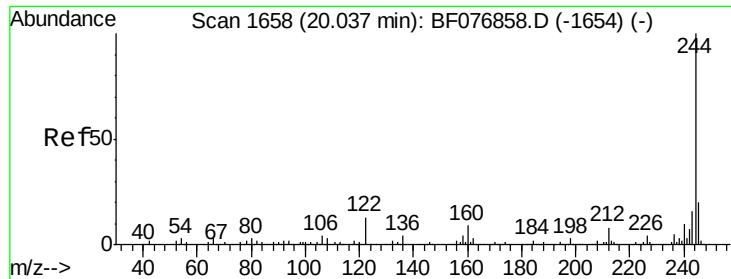
Tgt Ion:188 Resp: 101217
Ion Ratio Lower Upper
188 100
94 8.5 6.0 9.0
80 9.0 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF077167.D
Acq: 3 Feb 2015 18:18

Tgt Ion:240 Resp: 97495
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 25.4 20.2 30.2





#78

Terphenyl-d14

Concen: 84.51 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81584BL

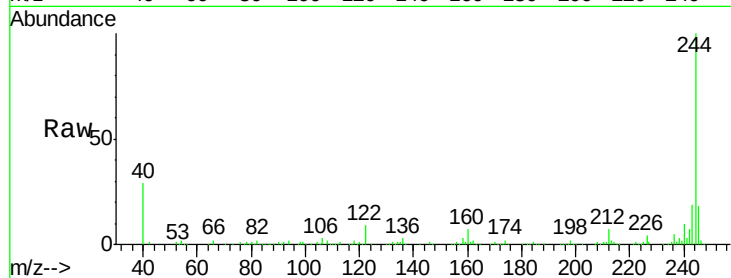
Tgt Ion:244 Resp: 357901

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

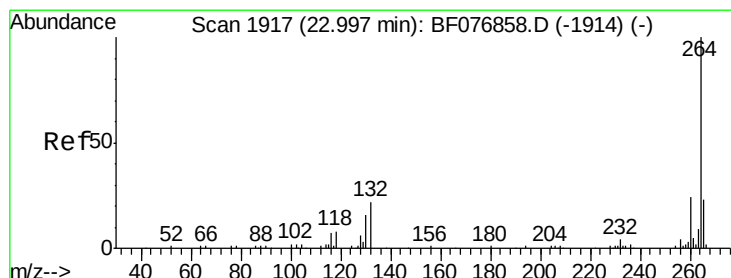
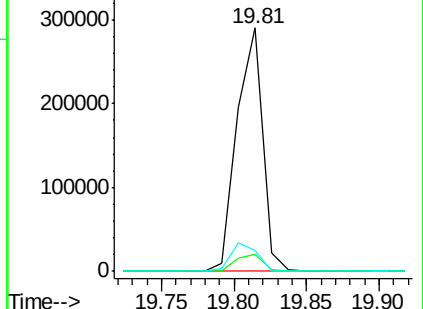
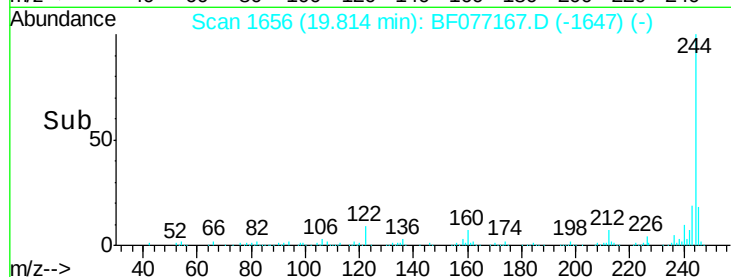
122 8.5 10.1 15.1#



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: 22.71 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

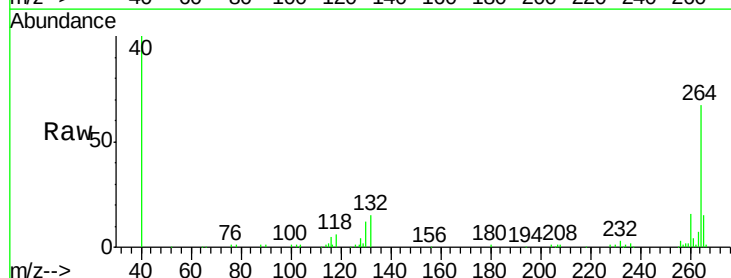
Tgt Ion:264 Resp: 87755

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 21.8 18.1 27.1



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

