

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077483.D
 Acq On : 27 Feb 2015 1:42
 Operator : TP/IZ
 Sample : PB81906BL
 Misc : S
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81906BL

Quant Time: Feb 27 07:15:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	77853	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	322598	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	166143	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	335409	20.00	ng	0.00
75) Chrysene-d12	16.14	240	370346	20.00	ng	0.00
86) Perylene-d12	17.85	264	370392	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	458417	98.30	ng	0.00
7) Phenol-d6	6.82	99	523104	87.24	ng	0.00
23) Nitrobenzene-d5	7.96	82	323098	62.28	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	155307	97.08	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	767947	72.07	ng	0.00
78) Terphenyl-d14	14.86	244	937069	59.15	ng	0.00

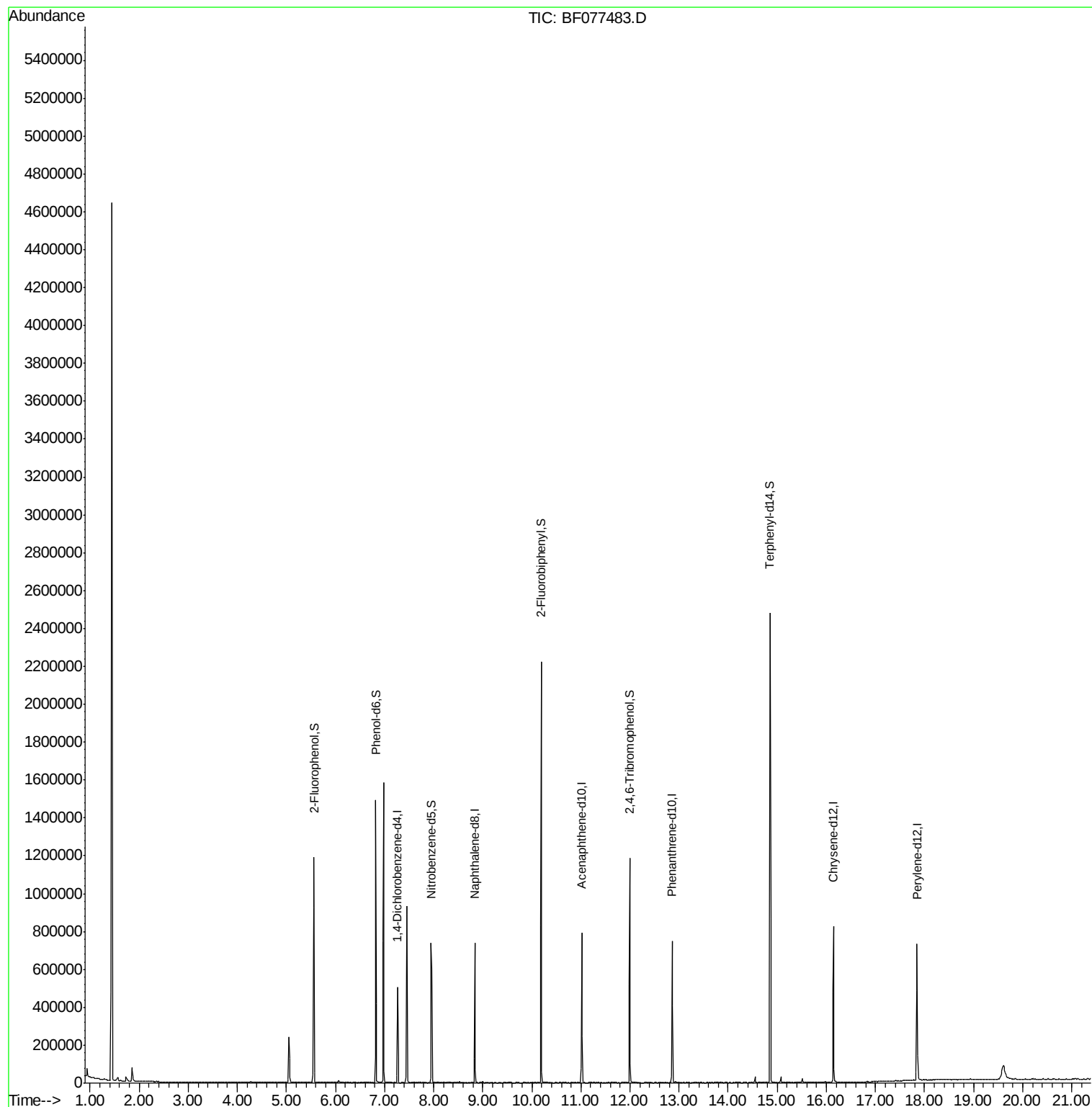
Target Compounds	Qvalue
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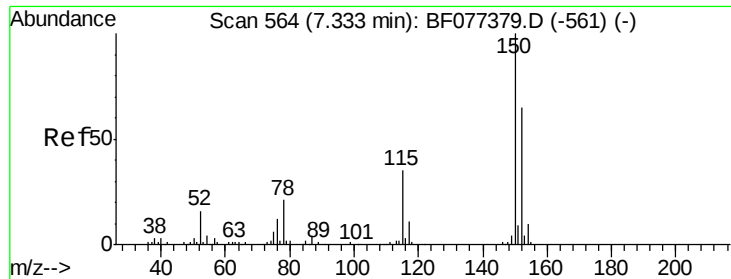
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF077483.D

Acq: 27 Feb 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB81906BL

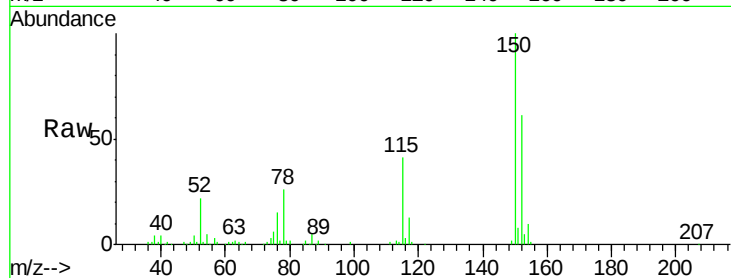
Tgt Ion:152 Resp: 77853

Ion Ratio Lower Upper

152 100

150 163.5 124.0 186.0

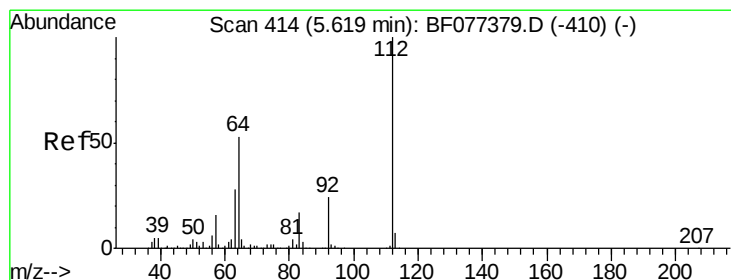
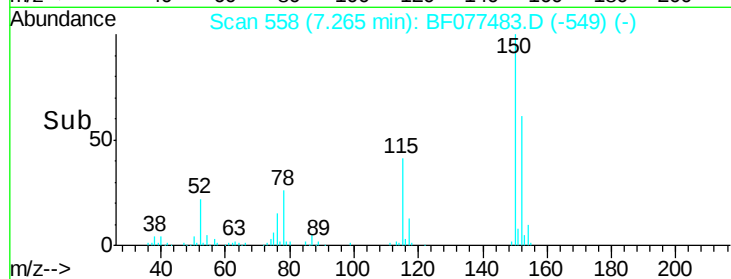
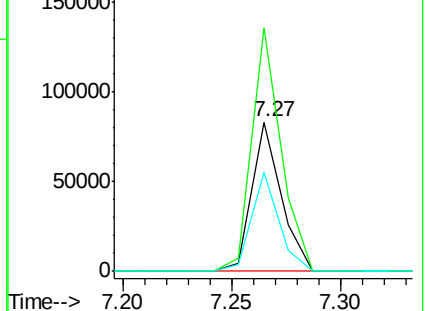
115 66.7 49.4 74.2



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: 98.30 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077483.D

Acq: 27 Feb 2015 1:42

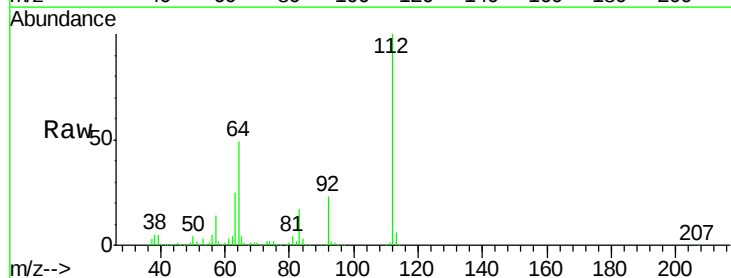
Tgt Ion:112 Resp: 458417

Ion Ratio Lower Upper

112 100

64 49.0 48.5 72.7

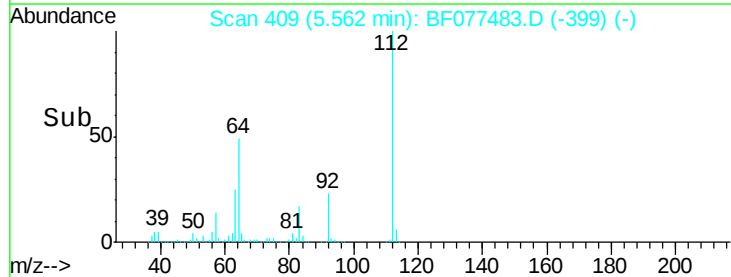
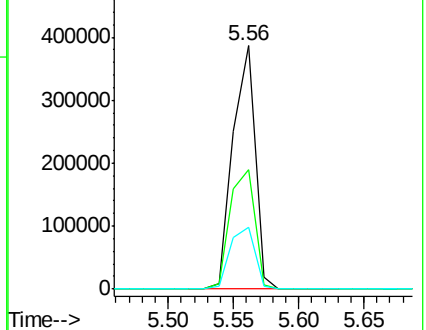
63 25.3 25.0 37.4

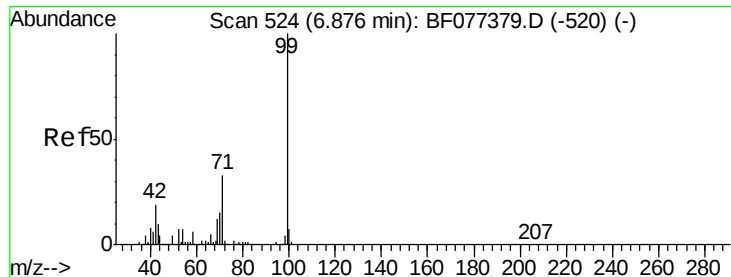


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.24 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077483.D

Acq: 27 Feb 2015 1:42

Instrument :

BNA_F

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PB81906BL

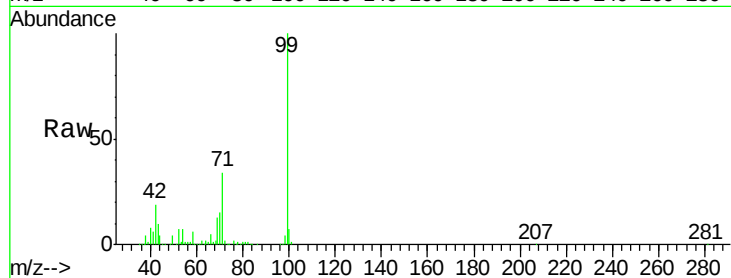
Tgt Ion: 99 Resp: 523104

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.4

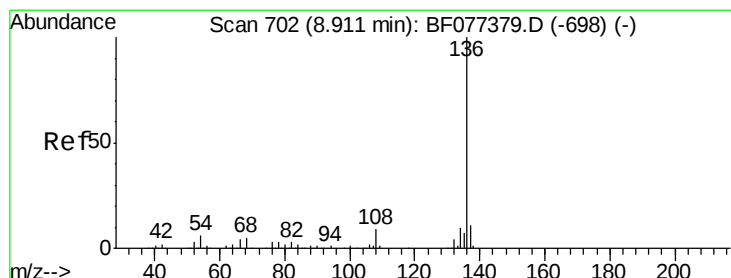
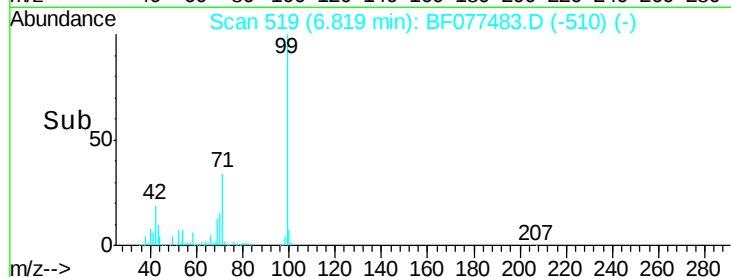
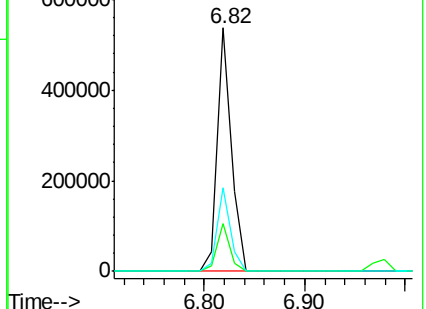
71 34.3 26.7 40.1



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: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077483.D

Acq: 27 Feb 2015 1:42

Tgt Ion: 136 Resp: 322598

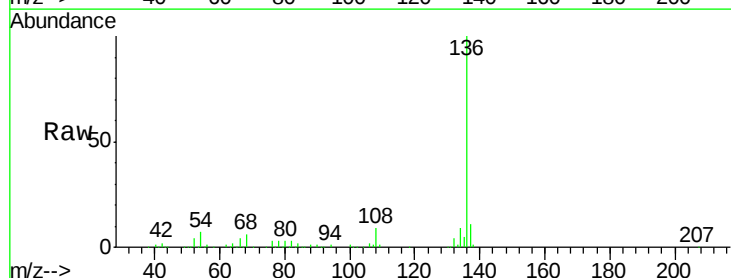
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.9 6.2 9.4

68 5.6 5.0 7.6

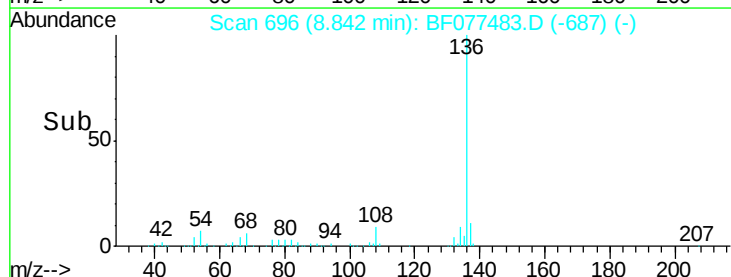
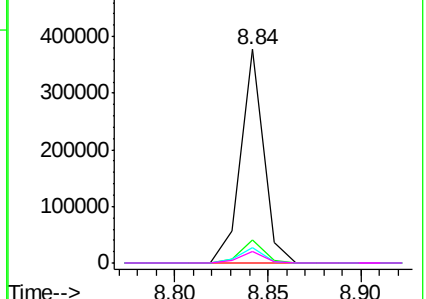


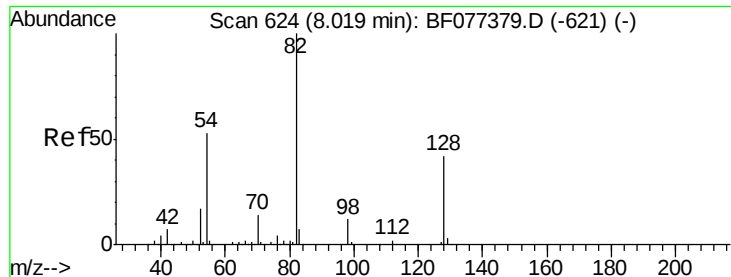
Abundance Ion 136.00 (135.70 to 136.70): E

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

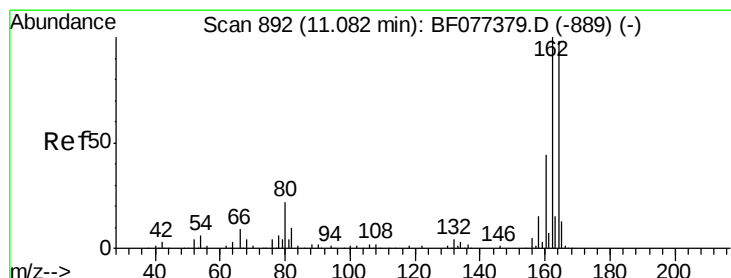
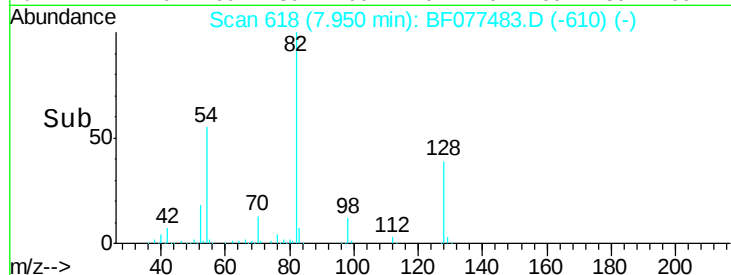
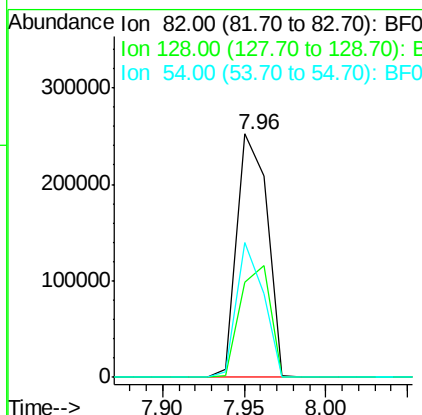
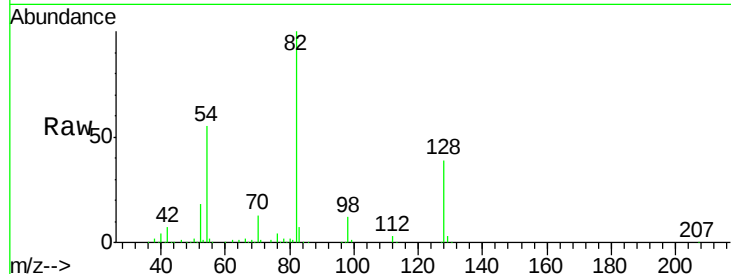




#23
 Nitrobenzene-d5
 Concen: 62.28 ng
 RT: 7.96 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF077483.D
 Acq: 27 Feb 2015 1:42

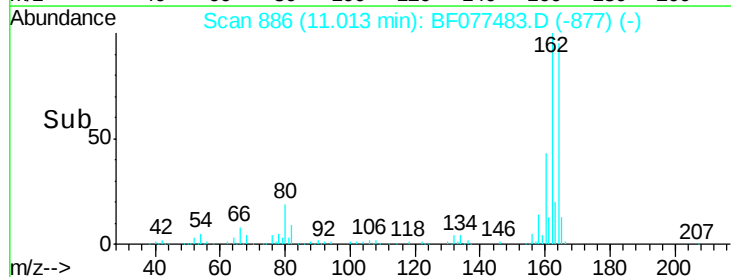
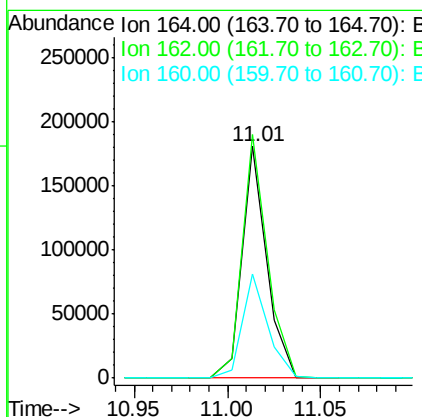
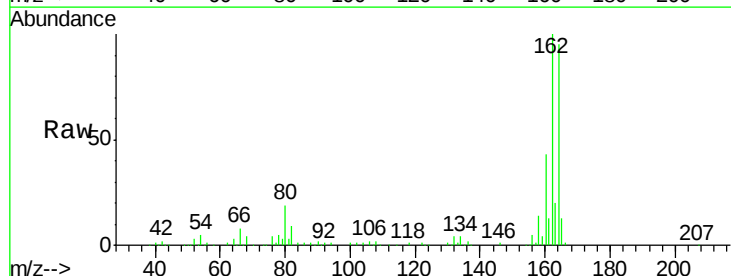
Instrument :
 BNA_F
 ClientSampleId :
 PB81906BL

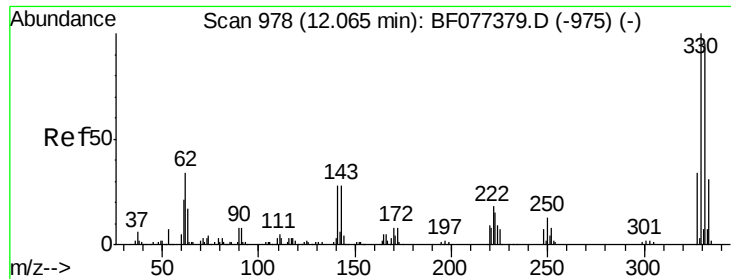
Tgt Ion: 82 Resp: 323098
 Ion Ratio Lower Upper
 82 100
 128 39.3 43.8 65.8#
 54 55.2 36.7 55.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077483.D
 Acq: 27 Feb 2015 1:42

Tgt Ion: 164 Resp: 166143
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.2 124.8
 160 45.2 34.6 52.0

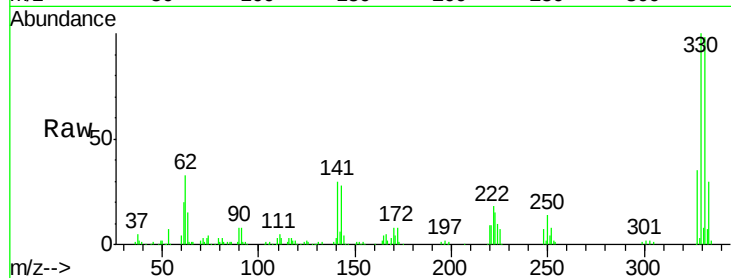




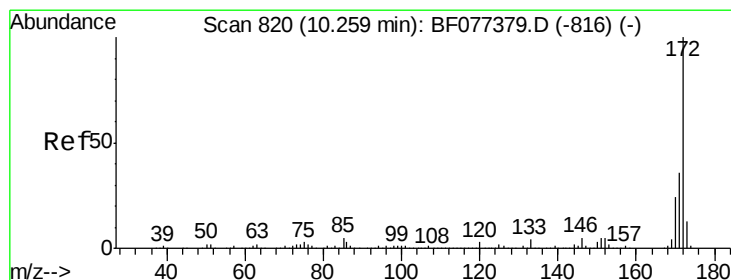
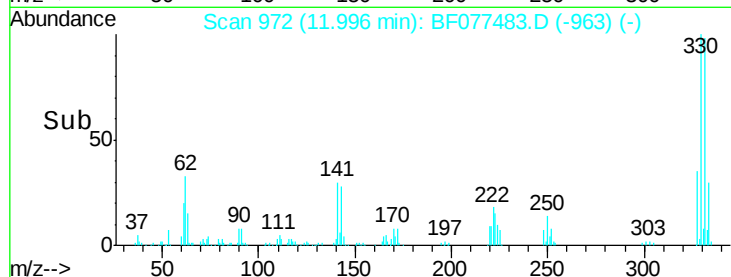
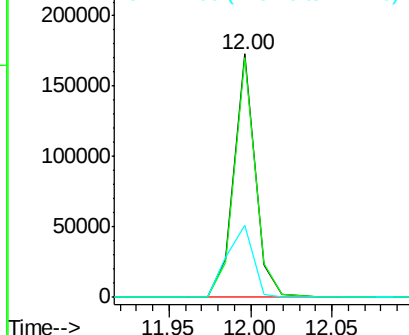
#41
 2,4,6-Tribromophenol
 Concen: 97.08 ng
 RT: 12.00 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077483.D
 Acq: 27 Feb 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81906BL

Tgt Ion:330 Resp: 155307
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 36.6 28.8 43.2

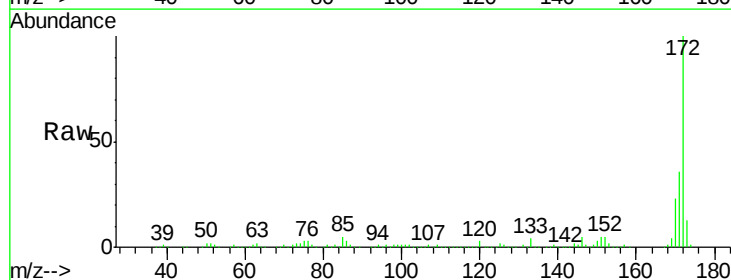


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

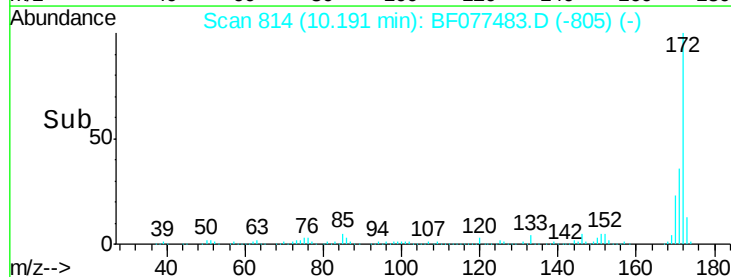
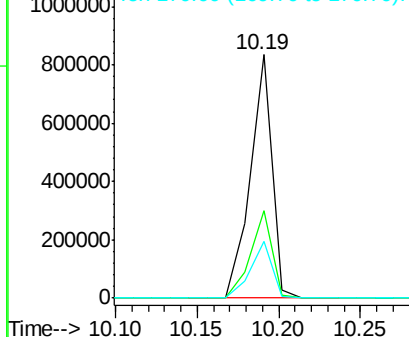


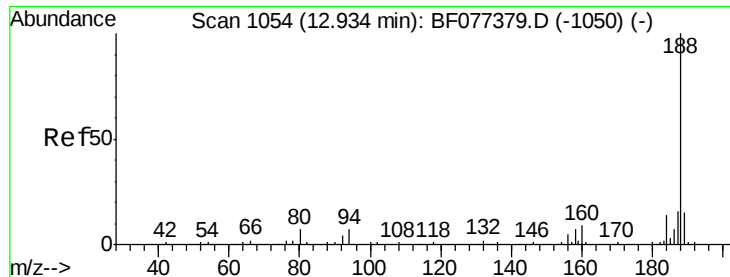
#44
 2-Fluorobiphenyl
 Concen: 72.07 ng
 RT: 10.19 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF077483.D
 Acq: 27 Feb 2015 1:42

Tgt Ion:172 Resp: 767947
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.5 19.4 29.2



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

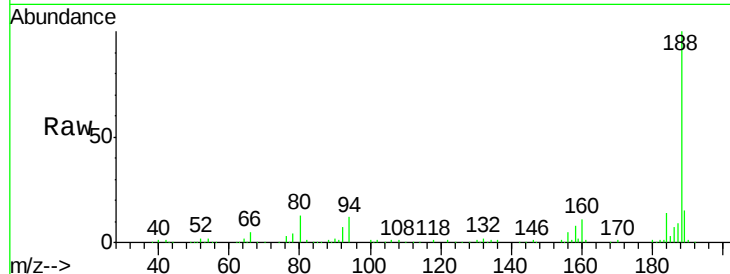




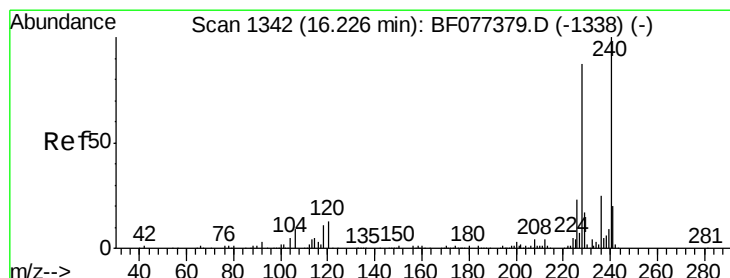
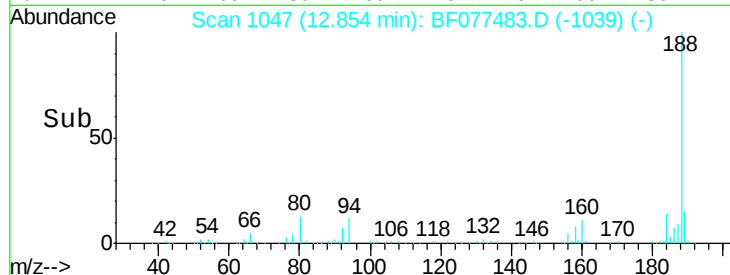
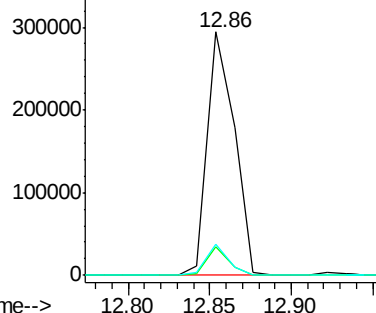
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF077483.D
Acq: 27 Feb 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB81906BL

Tgt Ion:188 Resp: 335409
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 13.0 8.0 12.0#

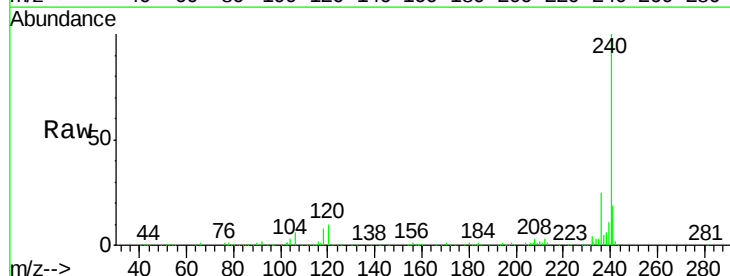


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

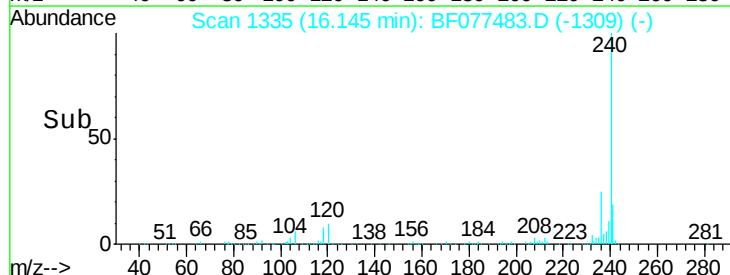
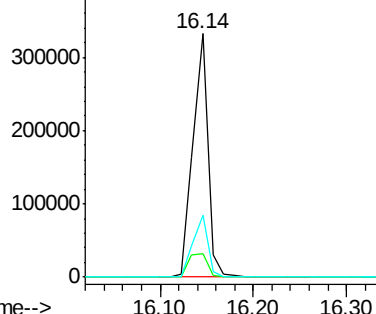


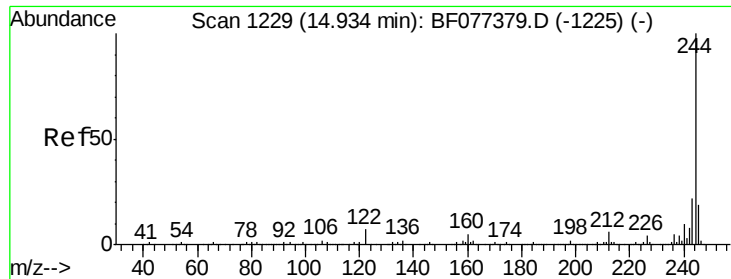
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF077483.D
Acq: 27 Feb 2015 1:42

Tgt Ion:240 Resp: 370346
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 25.4 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





#78

Terphenyl-d14

Concen: 59.15 ng

RT: 14.86 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF077483.D

Acq: 27 Feb 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB81906BL

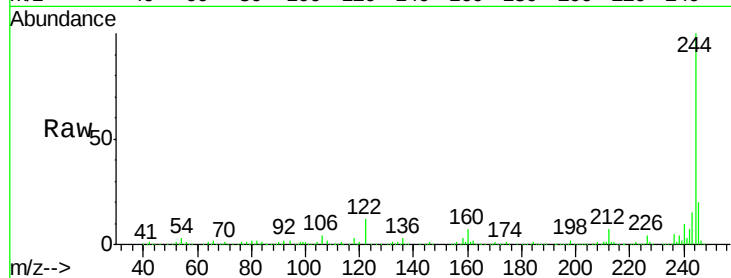
Tgt Ion:244 Resp: 937069

Ion Ratio Lower Upper

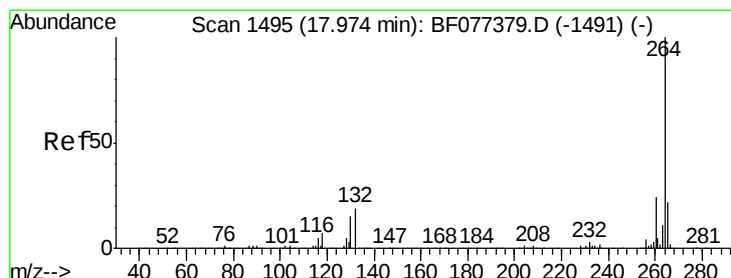
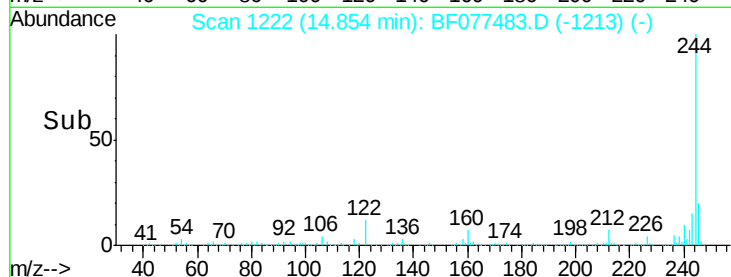
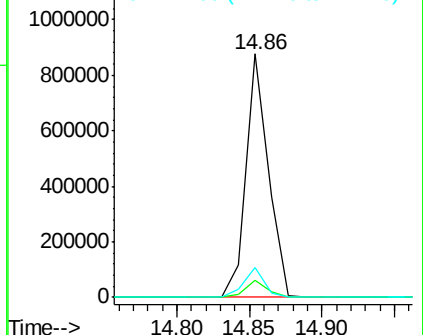
244 100

212 6.8 5.2 7.8

122 12.4 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. -0.04 min

Lab File: BF077483.D

Acq: 27 Feb 2015 1:42

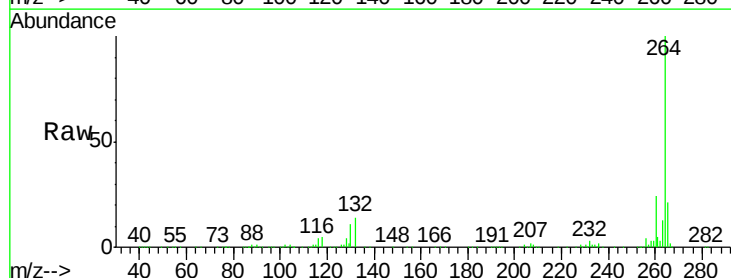
Tgt Ion:264 Resp: 370392

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.4 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

