

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077380.D
 Acq On : 20 Feb 2015 14:26
 Operator : TP/IZ
 Sample : PB81784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81784BL

Quant Time: Feb 21 00:04:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	73931	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	290411	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	155783	20.00	ng	0.00
63) Phenanthrene-d10	12.92	188	312190	20.00	ng	-0.01
75) Chrysene-d12	16.23	240	370200	20.00	ng	0.00
86) Perylene-d12	18.00	264	343398	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	490505	110.76	ng	0.00
7) Phenol-d6	6.88	99	636213	111.74	ng	0.00
23) Nitrobenzene-d5	8.02	82	378542	81.06	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	184229	122.82	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	833965	83.47	ng	0.00
78) Terphenyl-d14	14.92	244	1193655	75.38	ng	-0.01

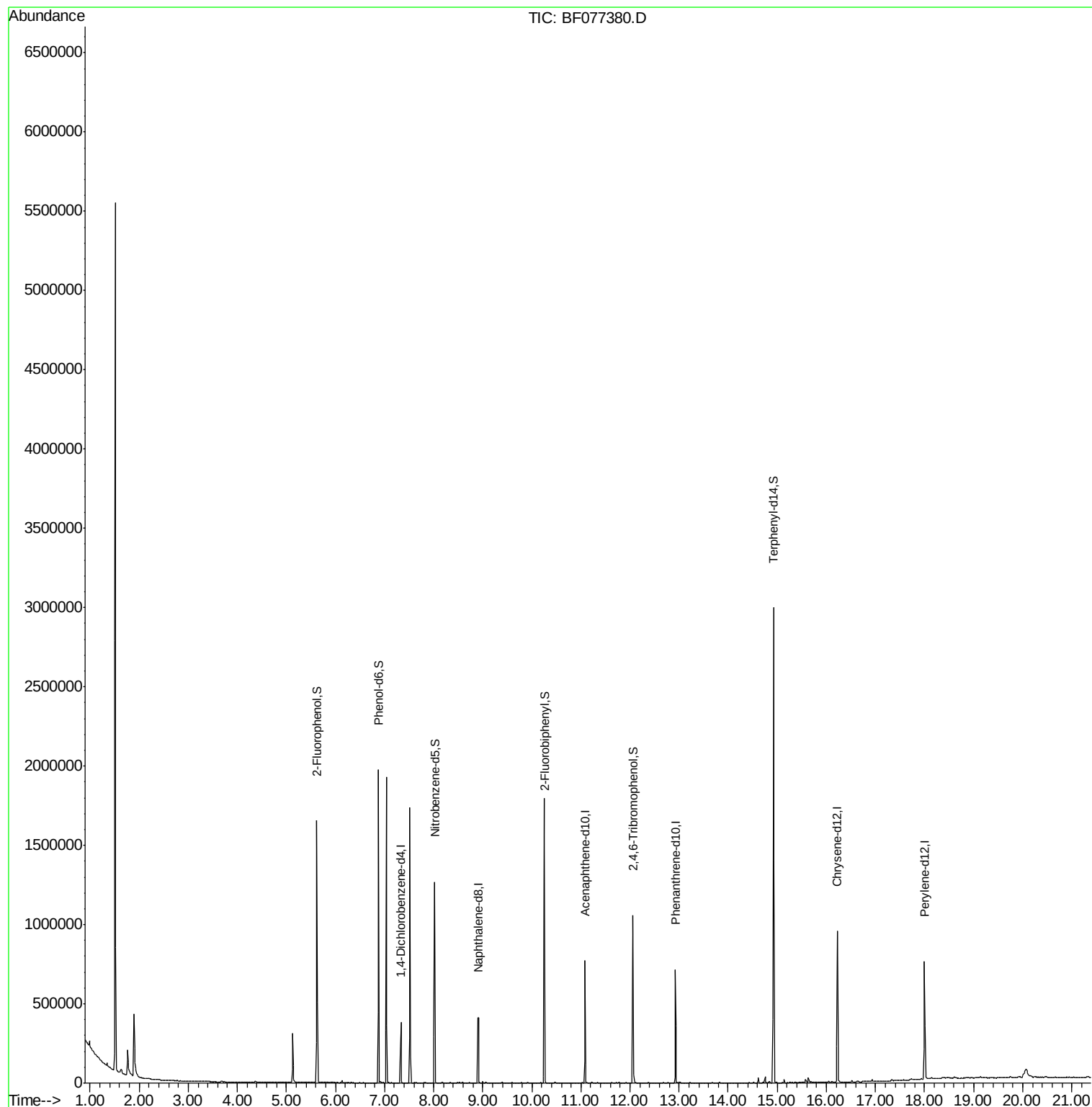
Target Compounds	Qvalue
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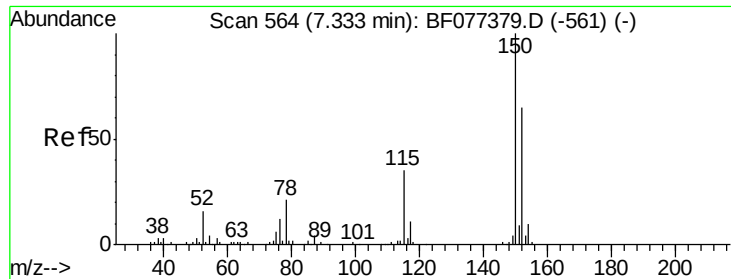
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
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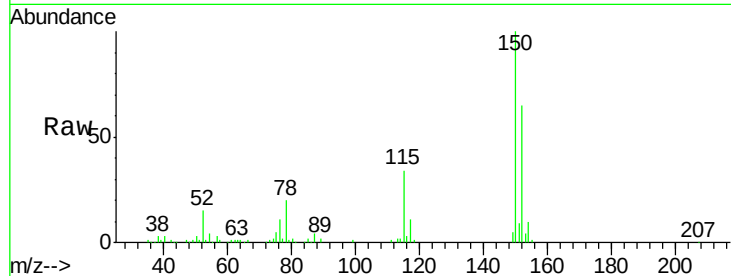


#1

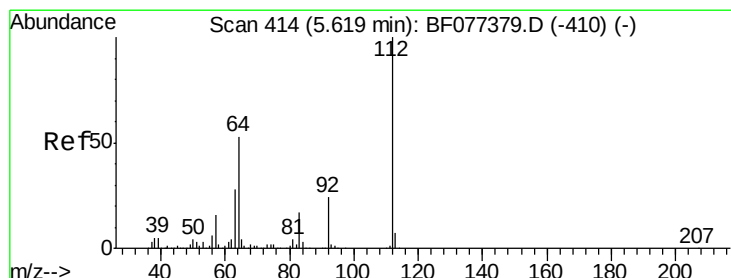
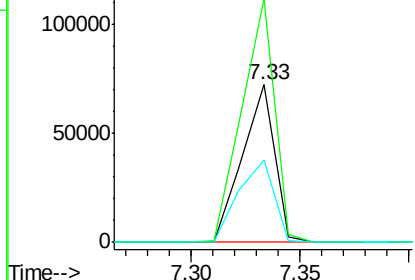
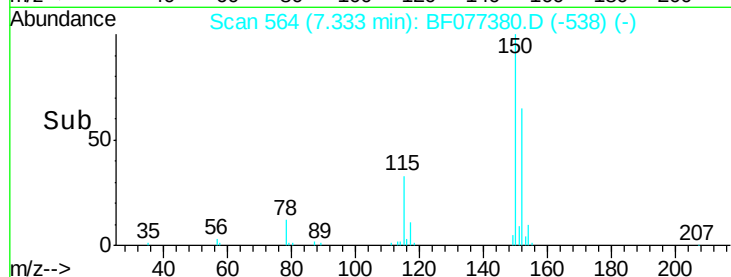
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077380.D
Acq: 20 Feb 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB81784BL

Tgt Ion:152 Resp: 73931
Ion Ratio Lower Upper
152 100
150 154.8 124.0 186.0
115 52.1 49.4 74.2



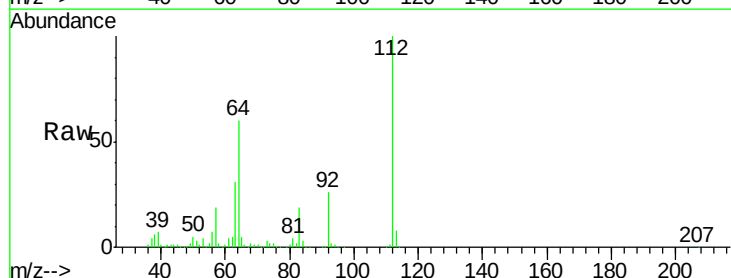
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



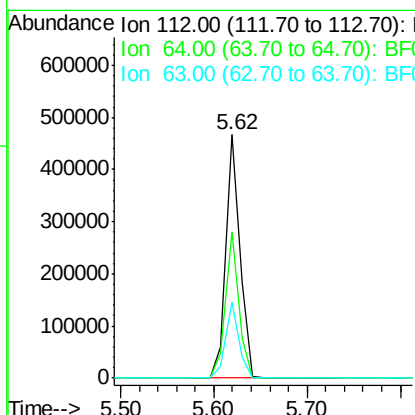
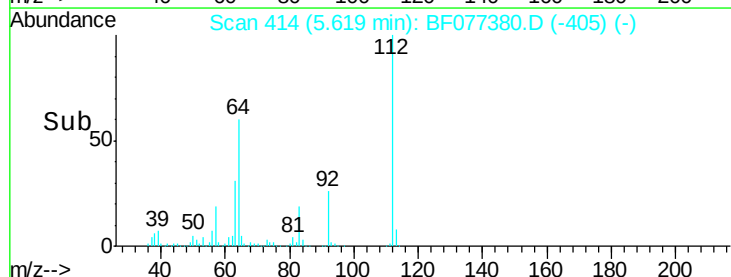
#5

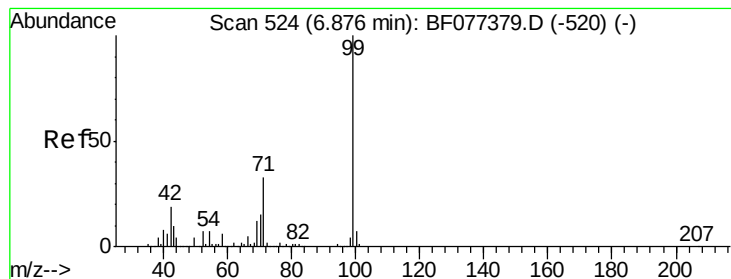
2-Fluorophenol
Concen: 110.76 ng
RT: 5.62 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF077380.D
Acq: 20 Feb 2015 14:26

Tgt Ion:112 Resp: 490505
Ion Ratio Lower Upper
112 100
64 60.2 48.5 72.7
63 31.4 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: 111.74 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077380.D

Acq: 20 Feb 2015 14:26

Instrument :

BNA_F

ClientSampleId :

PB81784BL

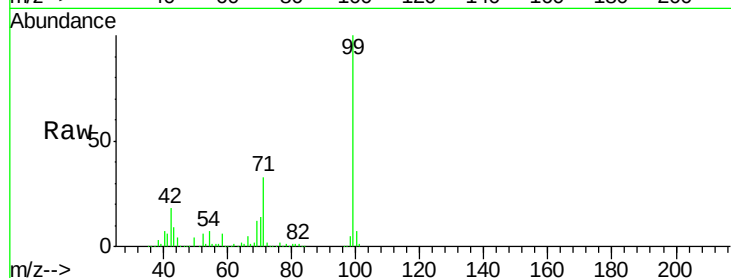
Tgt Ion: 99 Resp: 636213

Ion Ratio Lower Upper

99 100

42 18.1 16.2 24.4

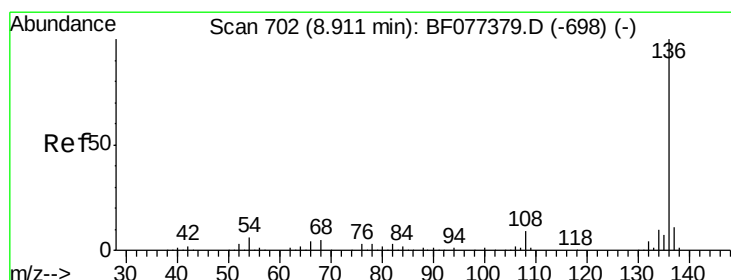
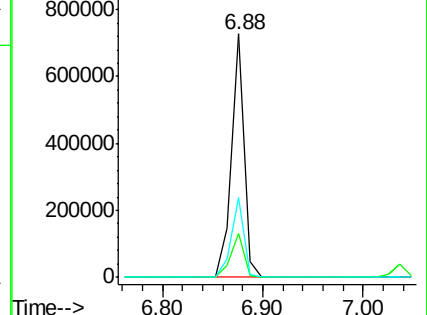
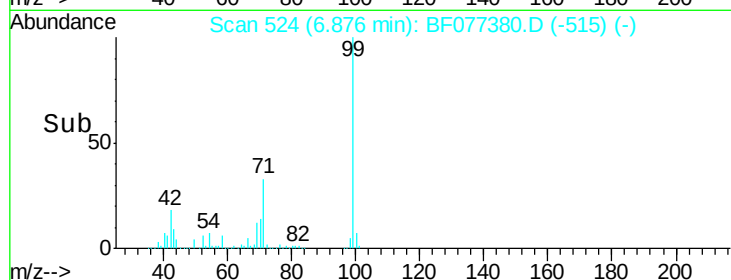
71 32.8 26.7 40.1



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: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077380.D

Acq: 20 Feb 2015 14:26

Tgt Ion: 136 Resp: 290411

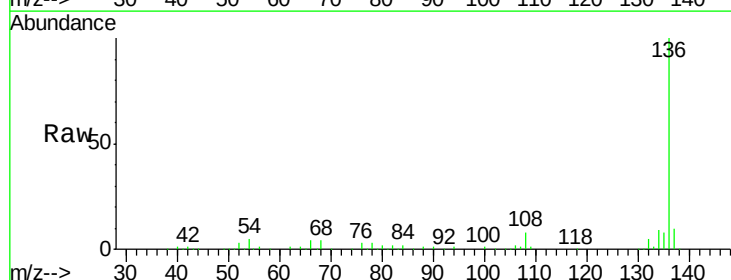
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.0 6.2 9.4#

68 4.3 5.0 7.6#

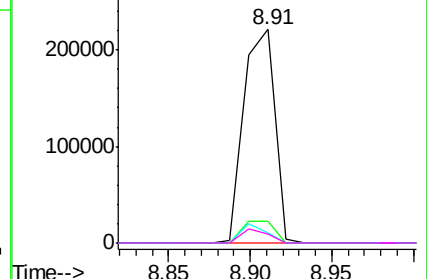
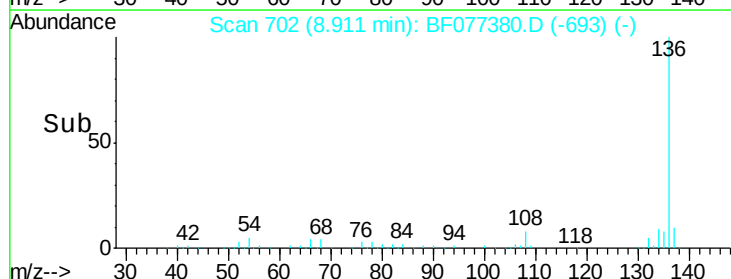


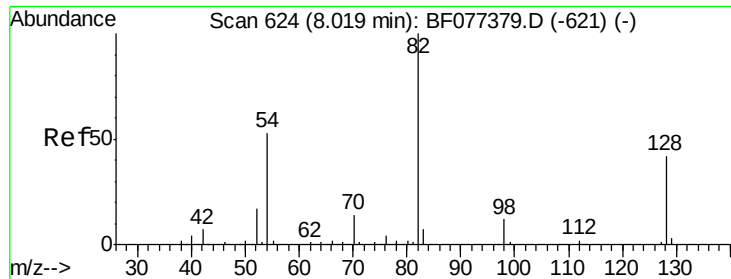
Abundance Ion 136.00 (135.70 to 136.70): E

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

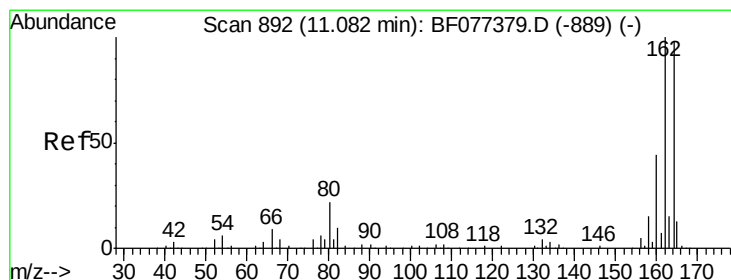
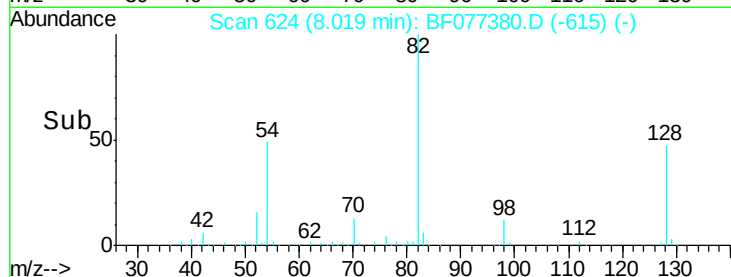
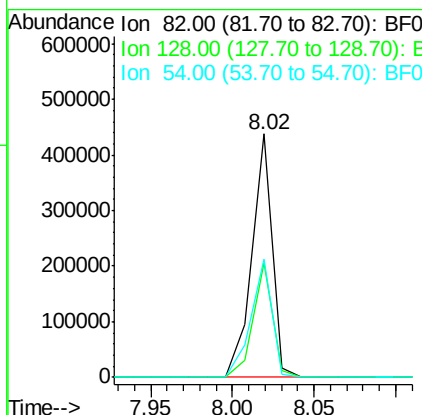
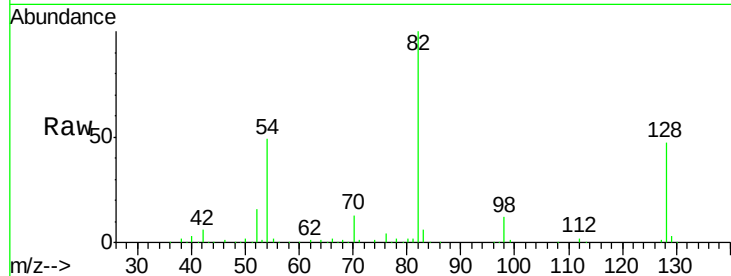




#23
 Nitrobenzene-d5
 Concen: 81.06 ng
 RT: 8.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF077380.D
 Acq: 20 Feb 2015 14:26

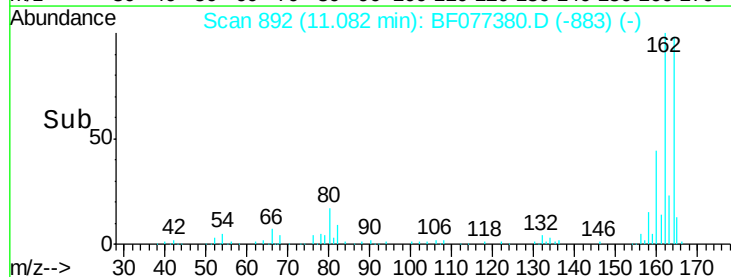
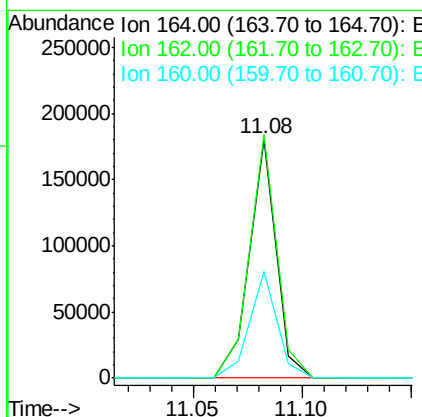
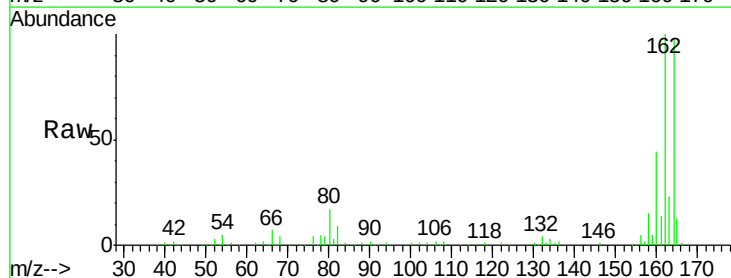
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BL

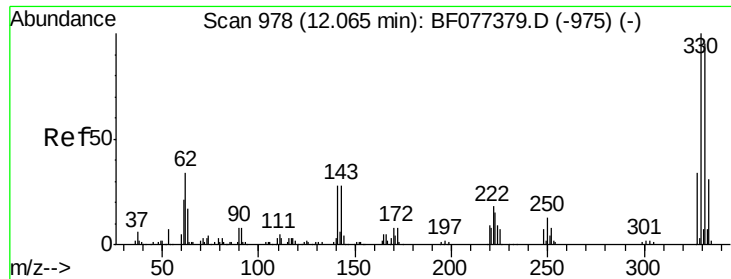
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	43.8	65.8
54	48.5	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF077380.D
 Acq: 20 Feb 2015 14:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.2	124.8
160	44.8	34.6	52.0

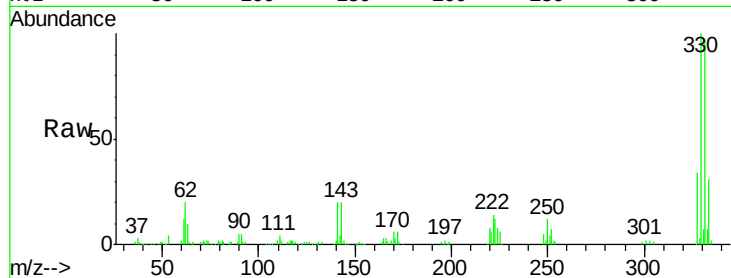




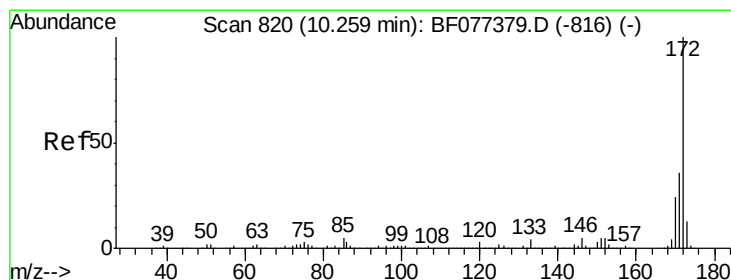
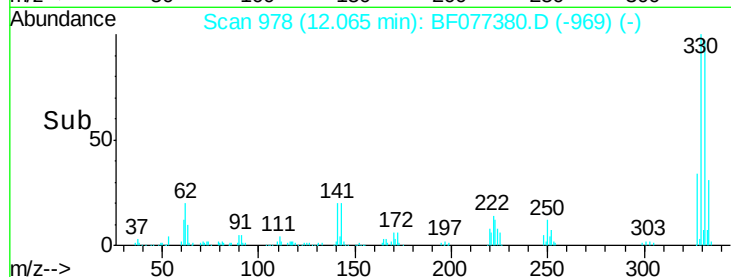
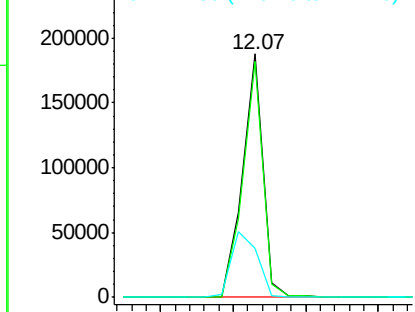
#41
 2,4,6-Tribromophenol
 Concen: 122.82 ng
 RT: 12.07 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF077380.D
 Acq: 20 Feb 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB81784BL

Tgt Ion:330 Resp: 184229
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 34.7 28.8 43.2

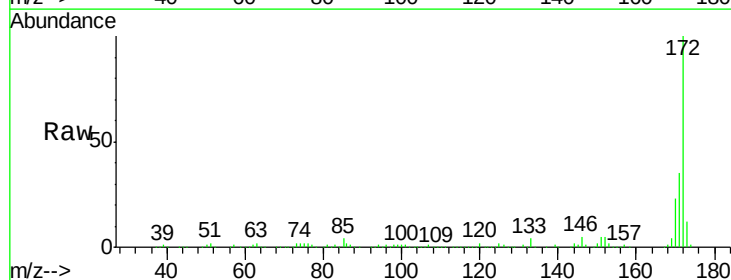


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

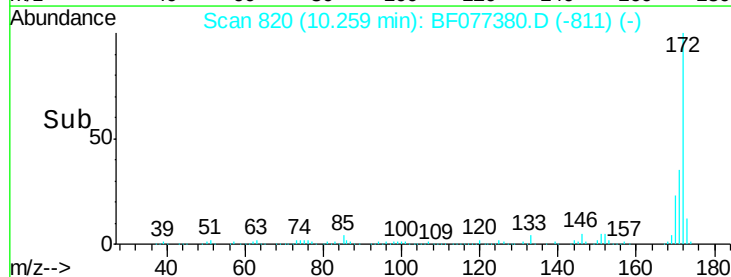
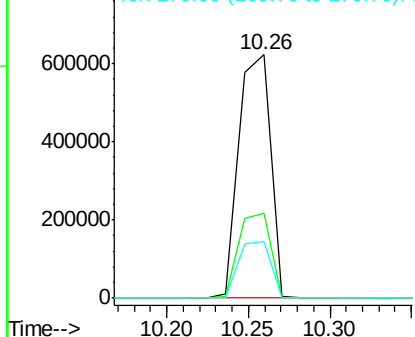


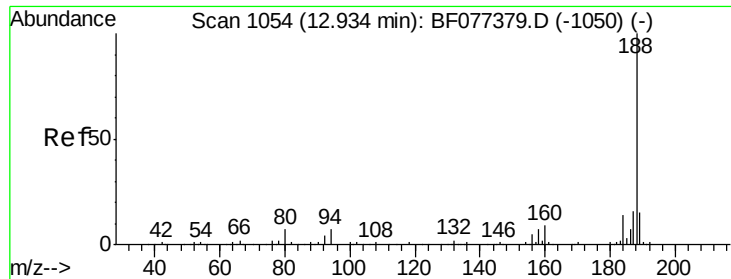
#44
 2-Fluorobiphenyl
 Concen: 83.47 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077380.D
 Acq: 20 Feb 2015 14:26

Tgt Ion:172 Resp: 833965
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.1 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

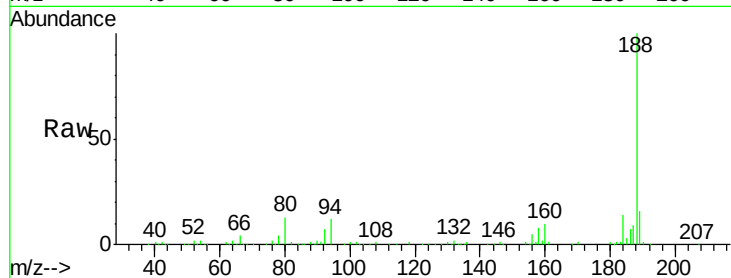




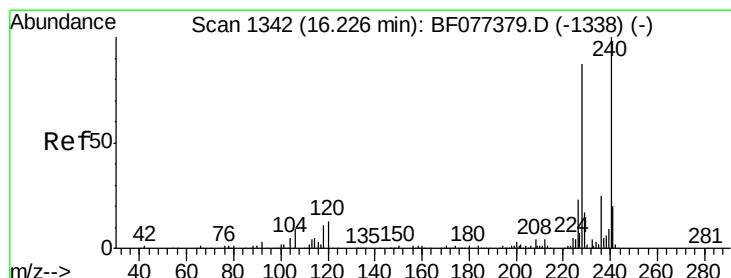
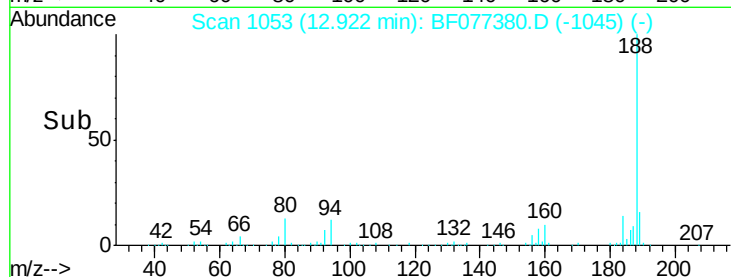
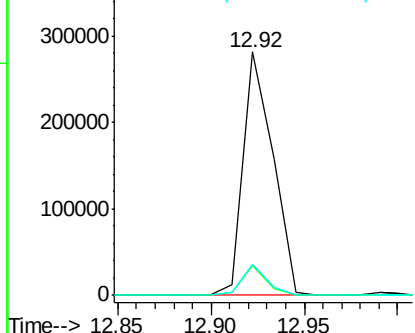
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077380.D
Acq: 20 Feb 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB81784BL

Tgt Ion:188 Resp: 312190
Ion Ratio Lower Upper
188 100
94 12.3 7.4 11.2#
80 13.0 8.0 12.0#

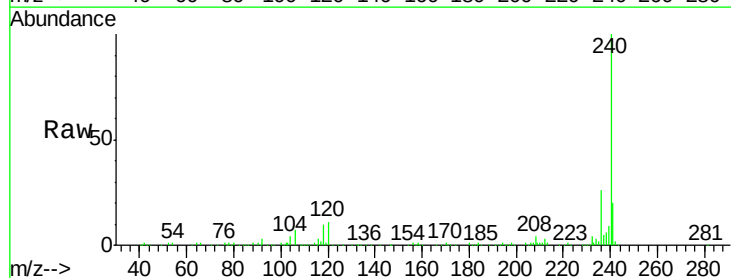


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

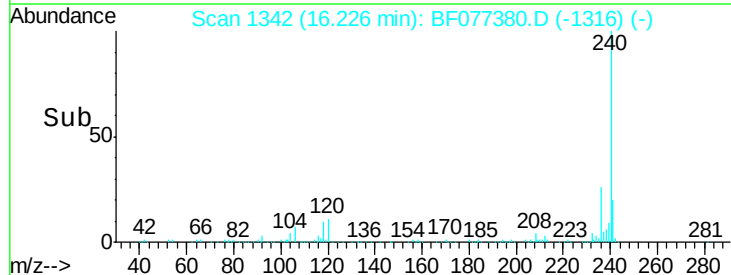
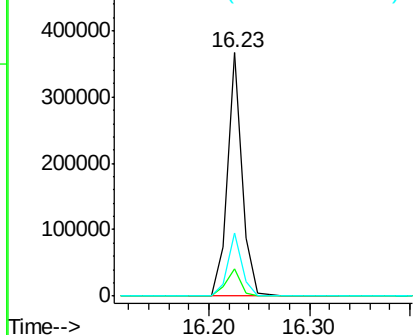


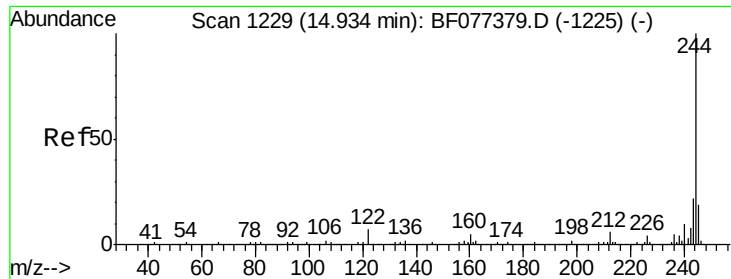
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF077380.D
Acq: 20 Feb 2015 14:26

Tgt Ion:240 Resp: 370200
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.8 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: 75.38 ng

RT: 14.92 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF077380.D

Acq: 20 Feb 2015 14:26

Instrument :

BNA_F

ClientSampleId :

PB81784BL

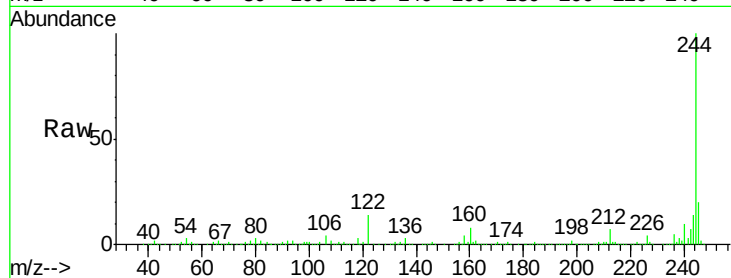
Tgt Ion:244 Resp: 1193655

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

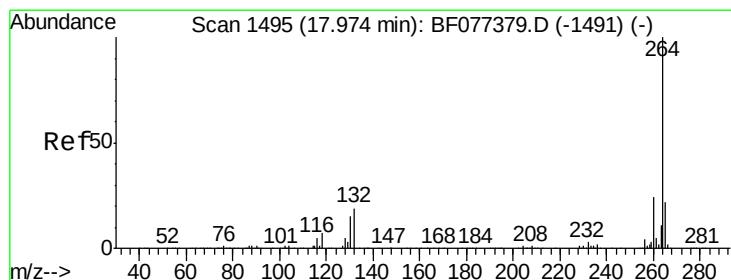
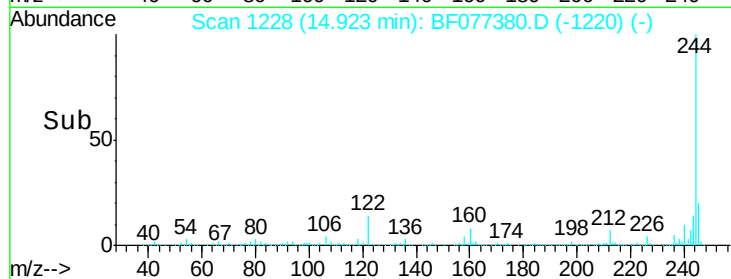
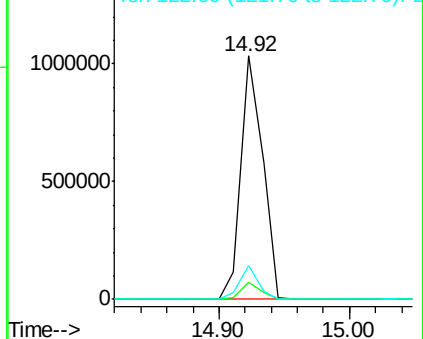
122 13.6 7.8 11.8#



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: 18.00 min Scan# 1497

Delta R.T. 0.02 min

Lab File: BF077380.D

Acq: 20 Feb 2015 14:26

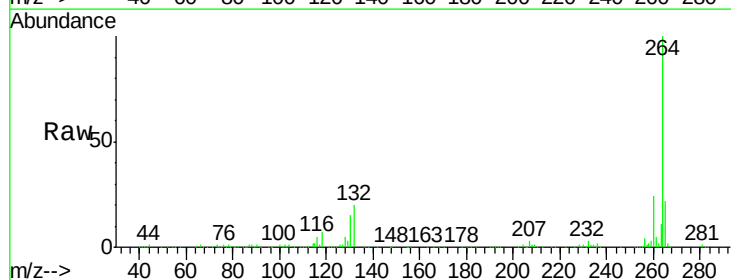
Tgt Ion:264 Resp: 343398

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.6 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

