

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077420.D
 Acq On : 24 Feb 2015 17:25
 Operator : IZ / TP
 Sample : PB81861BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BL

Quant Time: Feb 25 01:14:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	71458	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	287341	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	143298	20.00	ng	-0.01
63) Phenanthrene-d10	12.90	188	297192	20.00	ng	0.00
75) Chrysene-d12	16.26	240	306036	20.00	ng	0.03
86) Perylene-d12	18.17	264	309977	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	319896	74.74	ng	0.00
7) Phenol-d6	6.85	99	426597	77.51	ng	-0.01
23) Nitrobenzene-d5	7.98	82	293750	63.57	ng	-0.01
41) 2,4,6-Tribromophenol	12.03	330	103268	74.84	ng	-0.01
44) 2-Fluorobiphenyl	10.22	172	689965	75.08	ng	0.00
78) Terphenyl-d14	14.90	244	805868	61.56	ng	0.00

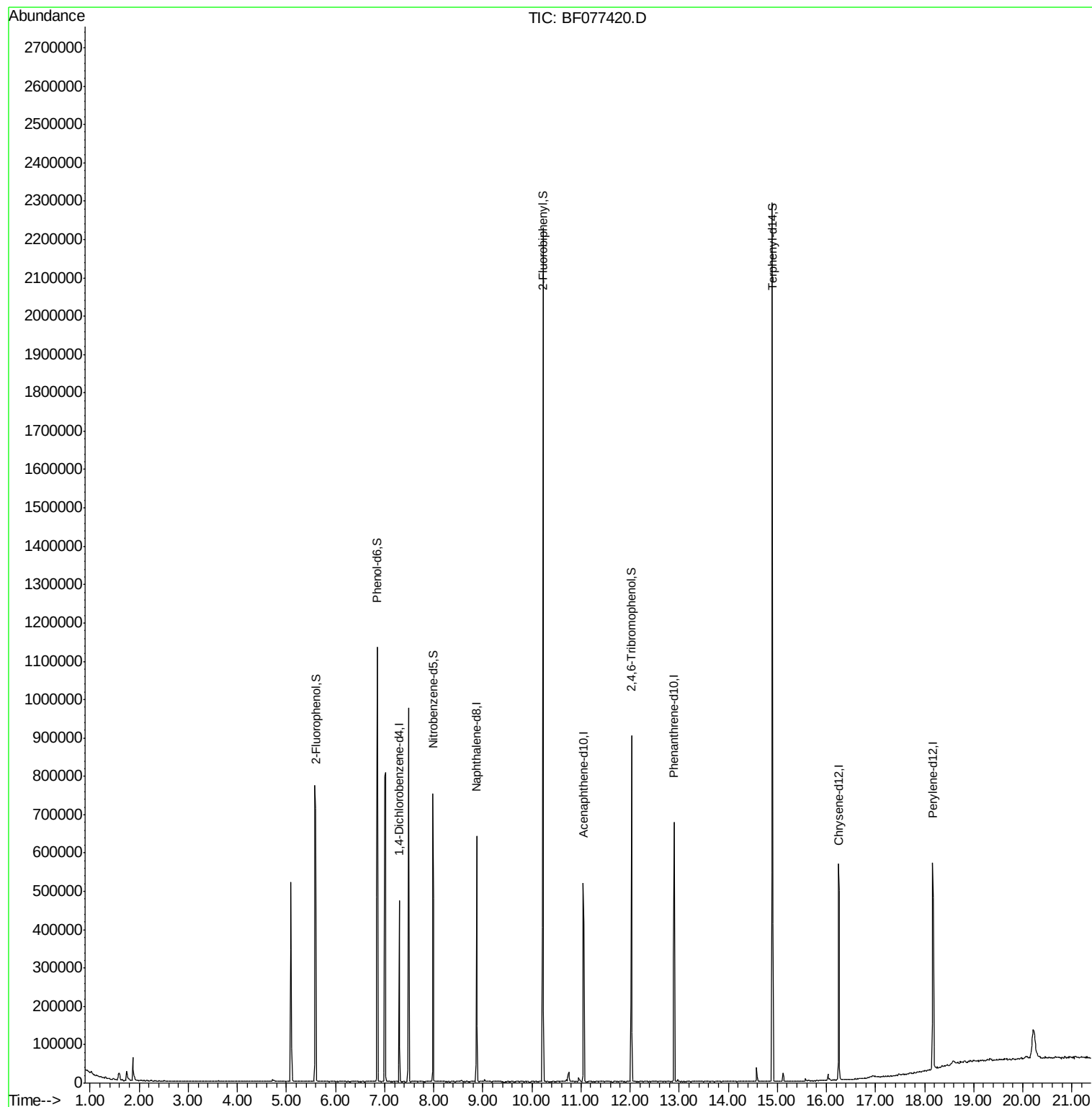
Target Compounds	Qvalue
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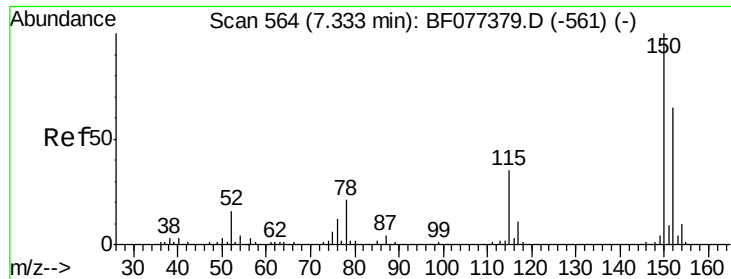
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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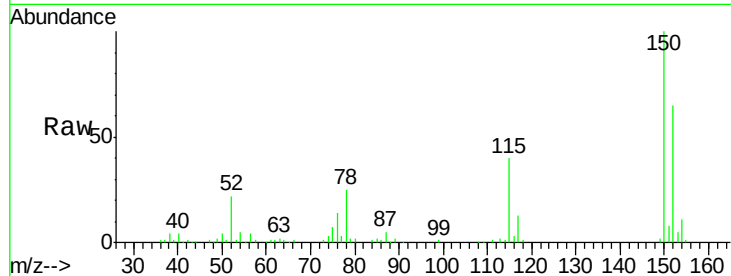


#1

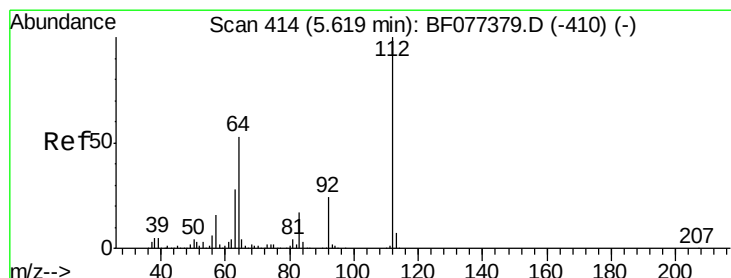
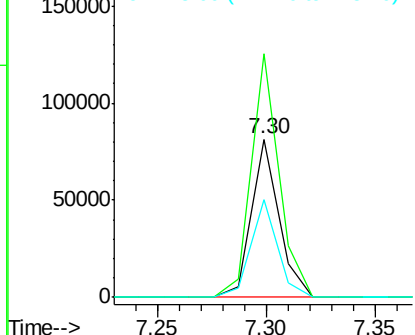
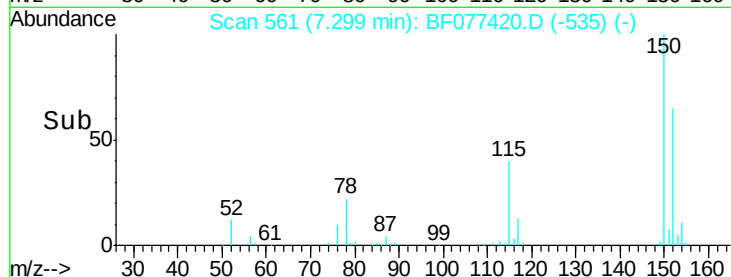
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF077420.D
Acq: 24 Feb 2015 17:25

Instrument :
BNA_F
ClientSampleId :
PB81861BL

Tgt Ion:152 Resp: 71458
Ion Ratio Lower Upper
152 100
150 154.2 124.0 186.0
115 62.0 49.4 74.2



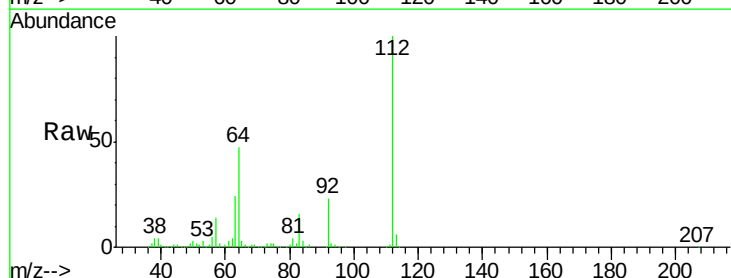
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



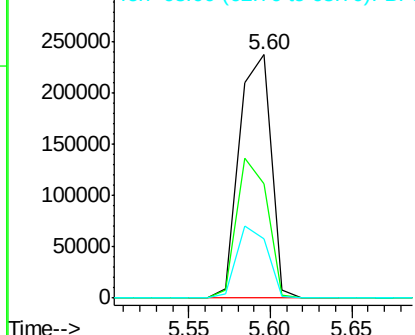
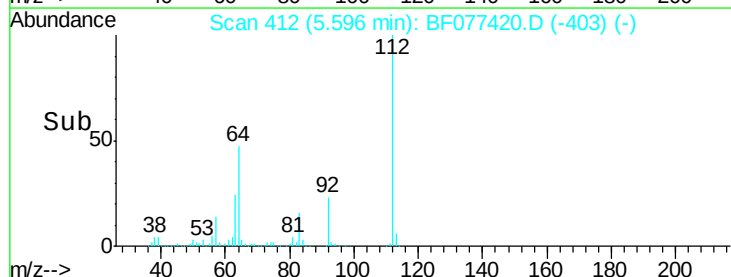
#5

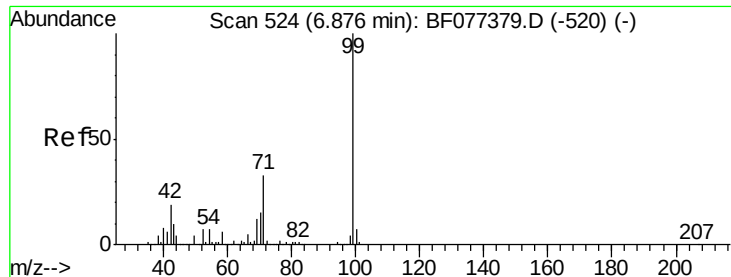
2-Fluorophenol
Concen: 74.74 ng
RT: 5.60 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF077420.D
Acq: 24 Feb 2015 17:25

Tgt Ion:112 Resp: 319896
Ion Ratio Lower Upper
112 100
64 46.8 48.5 72.7#
63 24.5 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: 77.51 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077420.D

Acq: 24 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

PB81861BL

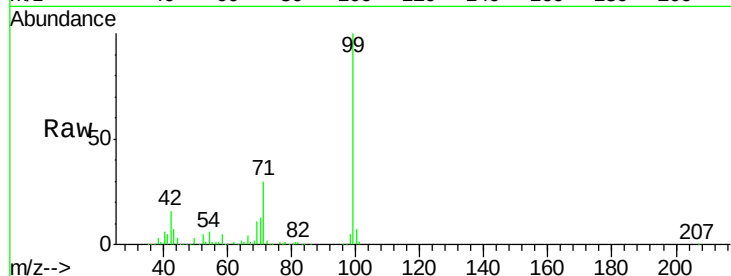
Tgt Ion: 99 Resp: 426597

Ion Ratio Lower Upper

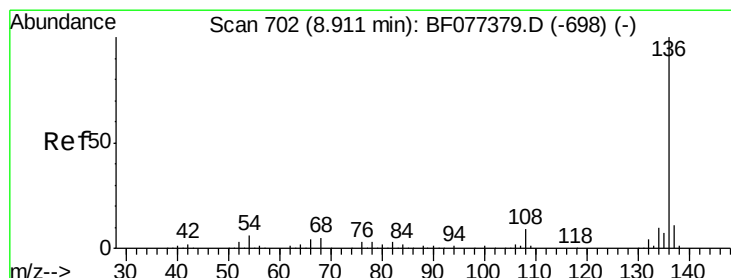
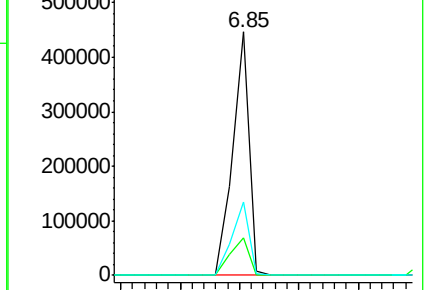
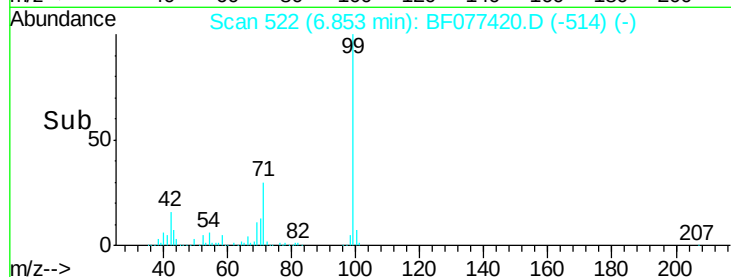
99 100

42 15.5 16.2 24.4#

71 29.9 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: 8.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF077420.D

Acq: 24 Feb 2015 17:25

Tgt Ion: 136 Resp: 287341

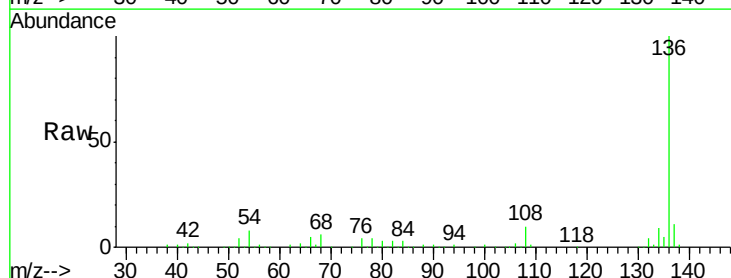
Ion Ratio Lower Upper

136 100

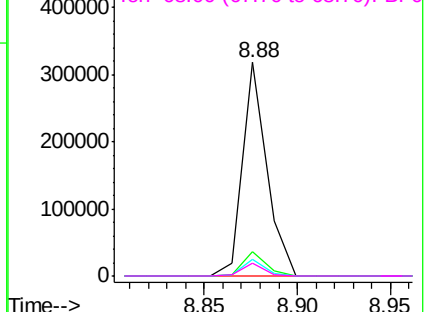
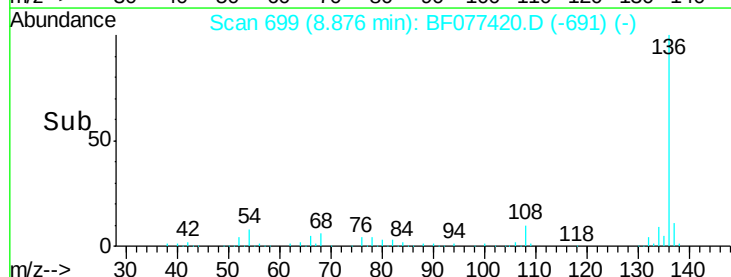
137 11.4 8.6 13.0

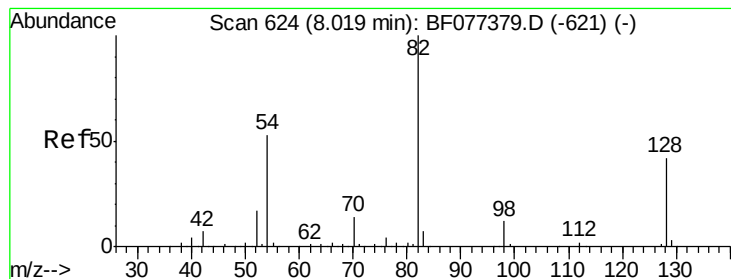
54 7.8 6.2 9.4

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: 63.57 ng

RT: 7.98 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF077420.D

Acq: 24 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

PB81861BL

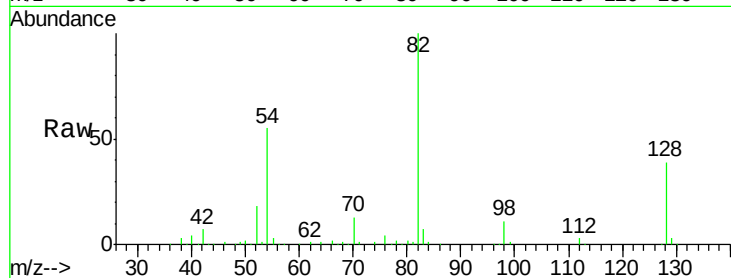
Tgt Ion: 82 Resp: 293750

Ion Ratio Lower Upper

82 100

128 39.4 43.8 65.8#

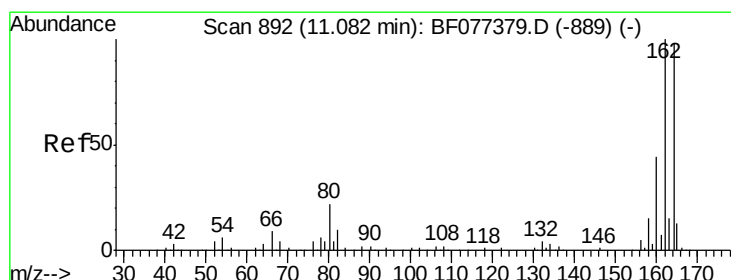
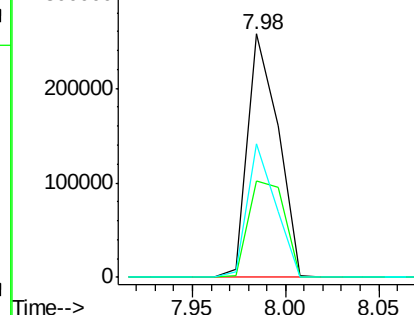
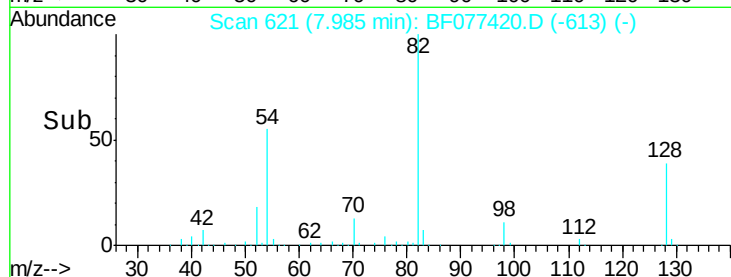
54 54.7 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF077420.D

Acq: 24 Feb 2015 17:25

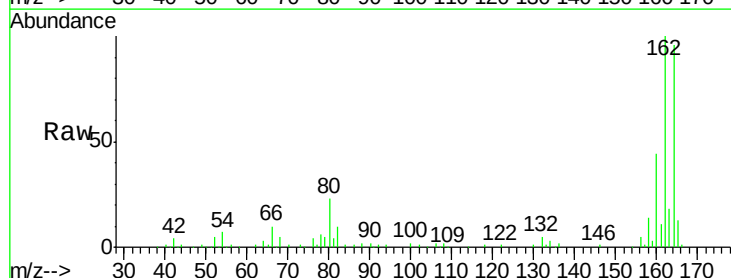
Tgt Ion: 164 Resp: 143298

Ion Ratio Lower Upper

164 100

162 104.3 83.2 124.8

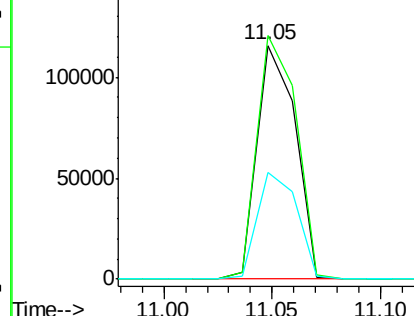
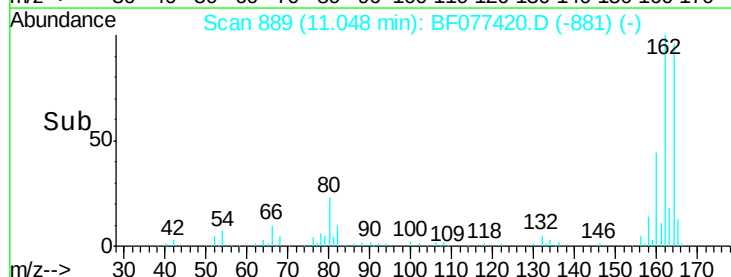
160 45.7 34.6 52.0

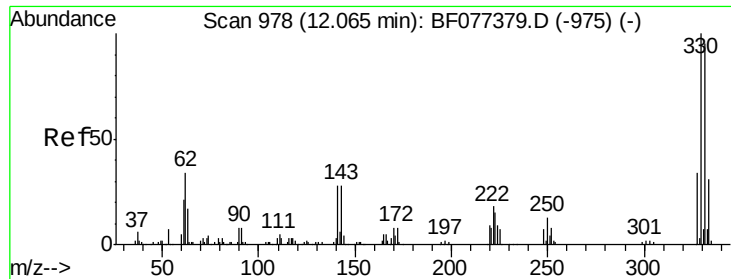


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

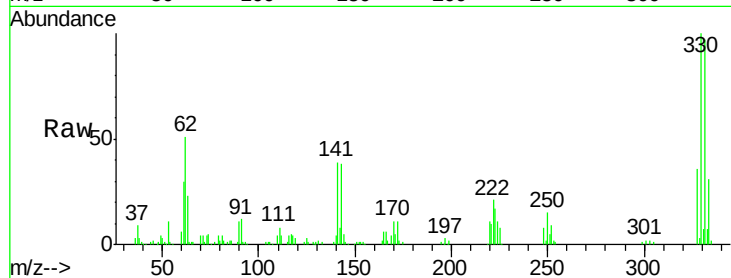




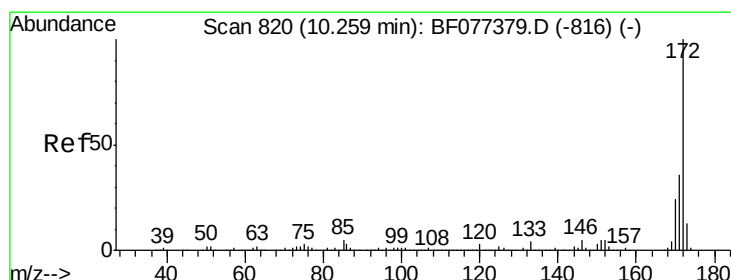
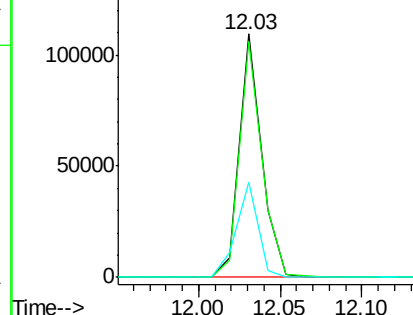
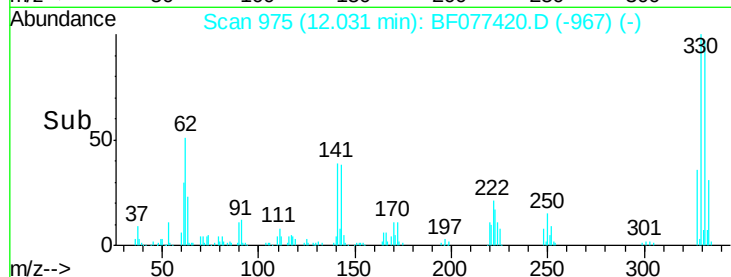
#41
 2,4,6-Tribromophenol
 Concen: 74.84 ng
 RT: 12.03 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF077420.D
 Acq: 24 Feb 2015 17:25

Instrument :
 BNA_F
 ClientSampled :
 PB81861BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.8	28.8	43.2

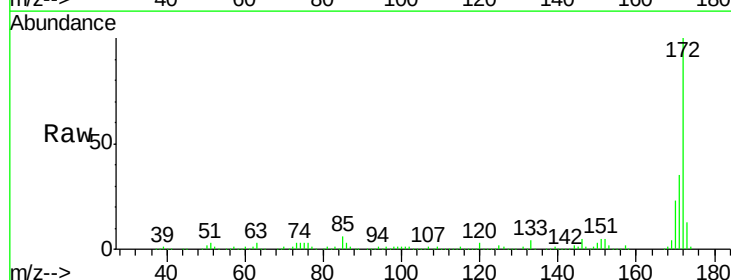


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

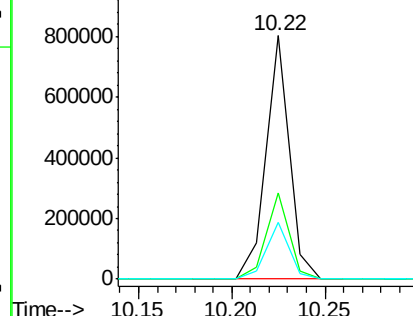
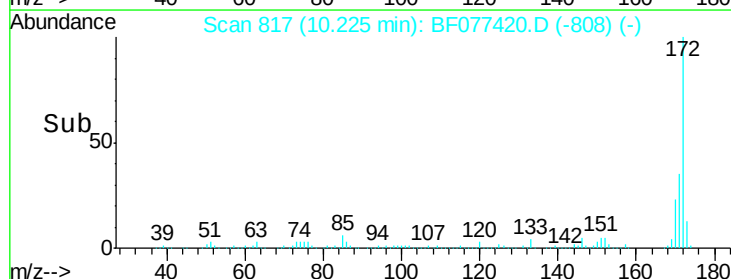


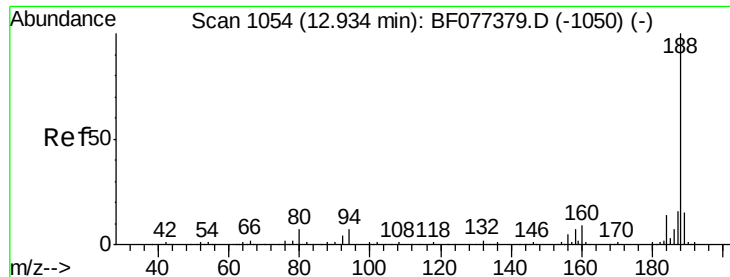
#44
 2-Fluorobiphenyl
 Concen: 75.08 ng
 RT: 10.22 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077420.D
 Acq: 24 Feb 2015 17:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

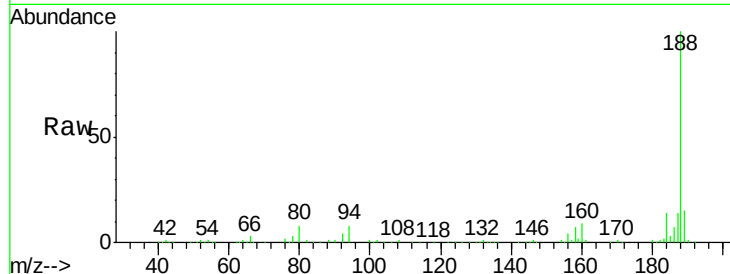




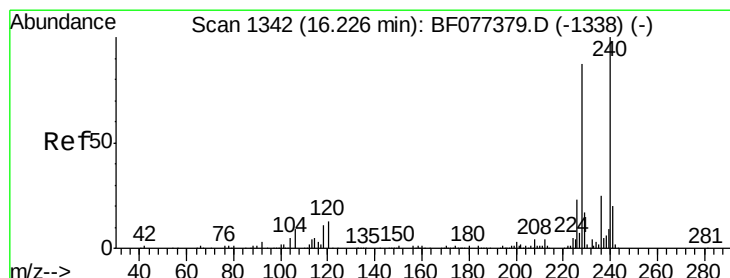
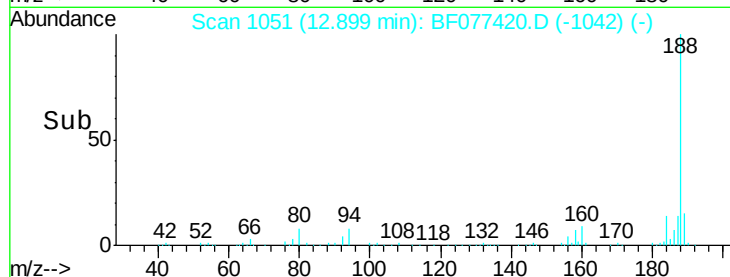
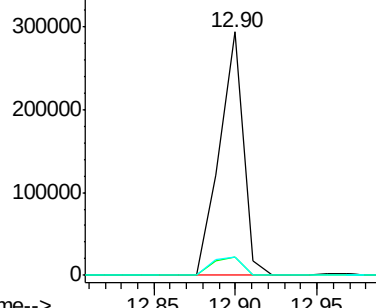
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF077420.D
Acq: 24 Feb 2015 17:25

Instrument :
BNA_F
ClientSampleId :
PB81861BL

Tgt Ion:188 Resp: 297192
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 7.5 8.0 12.0#

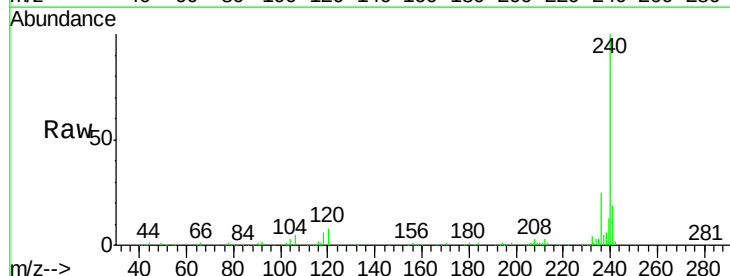


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

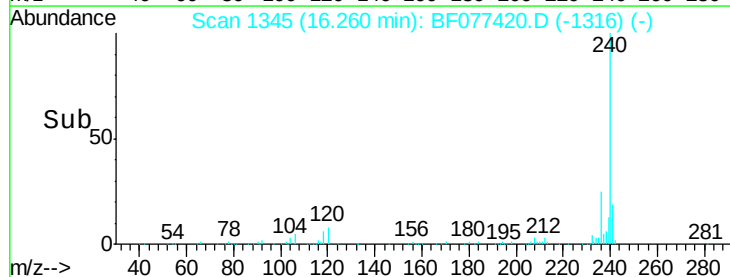
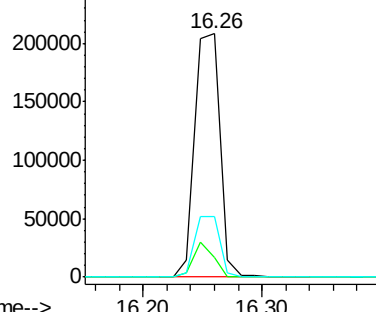


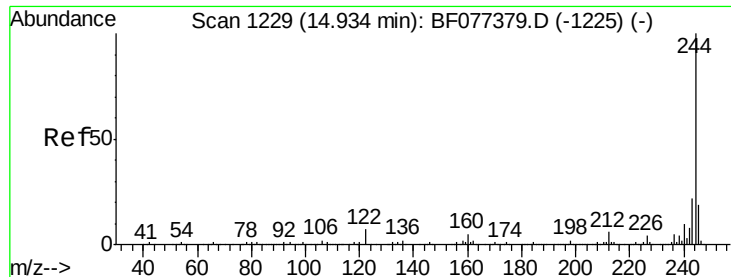
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF077420.D
Acq: 24 Feb 2015 17:25

Tgt Ion:240 Resp: 306036
Ion Ratio Lower Upper
240 100
120 8.2 8.8 13.2#
236 24.8 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

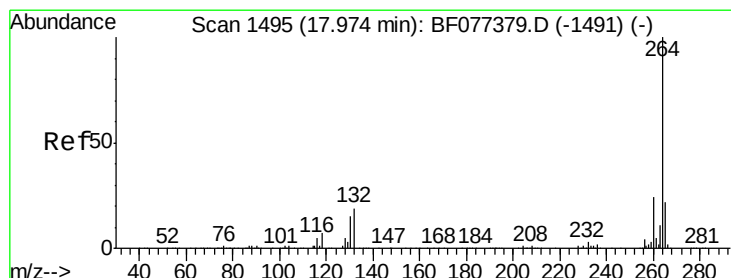
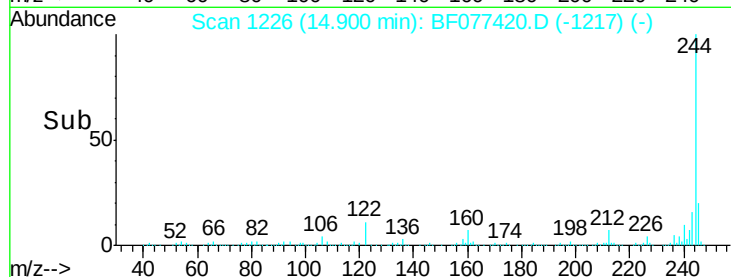
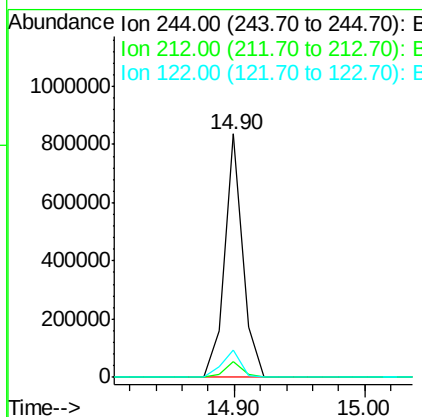
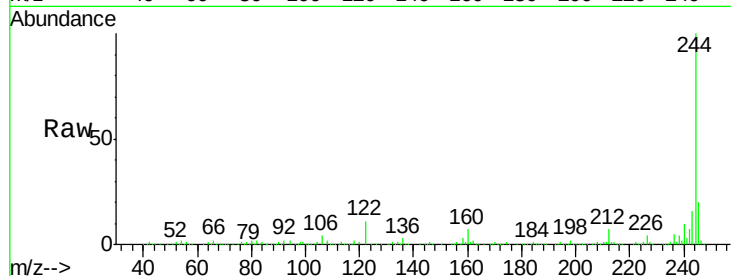




#78
 Terphenyl-d14
 Concen: 61.56 ng
 RT: 14.90 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF077420.D
 Acq: 24 Feb 2015 17:25

Instrument :
 BNA_F
 ClientSampled :
 PB81861BL

Tgt Ion: 244 Resp: 805868
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.17 min Scan# 1512
 Delta R.T. 0.11 min
 Lab File: BF077420.D
 Acq: 24 Feb 2015 17:25

Tgt Ion: 264 Resp: 309977
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.6 16.8 25.2

