

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077341.D
 Acq On : 18 Feb 2015 4:34
 Operator : TP/IZ
 Sample : G1302-01
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-04

Quant Time: Feb 18 06:49:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 02:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	59482	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	246216	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	114672	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	239866	20.00	ng	0.00
75) Chrysene-d12	16.28	240	230043	20.00	ng	0.01
86) Perylene-d12	18.05	264	220998	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	215675	61.96	ng	0.00
7) Phenol-d6	6.91	99	161672	35.56	ng	-0.01
23) Nitrobenzene-d5	8.06	82	336680	94.69	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	157703	147.47	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	804354	105.74	ng	0.00
78) Terphenyl-d14	14.98	244	961006	94.98	ng	0.00

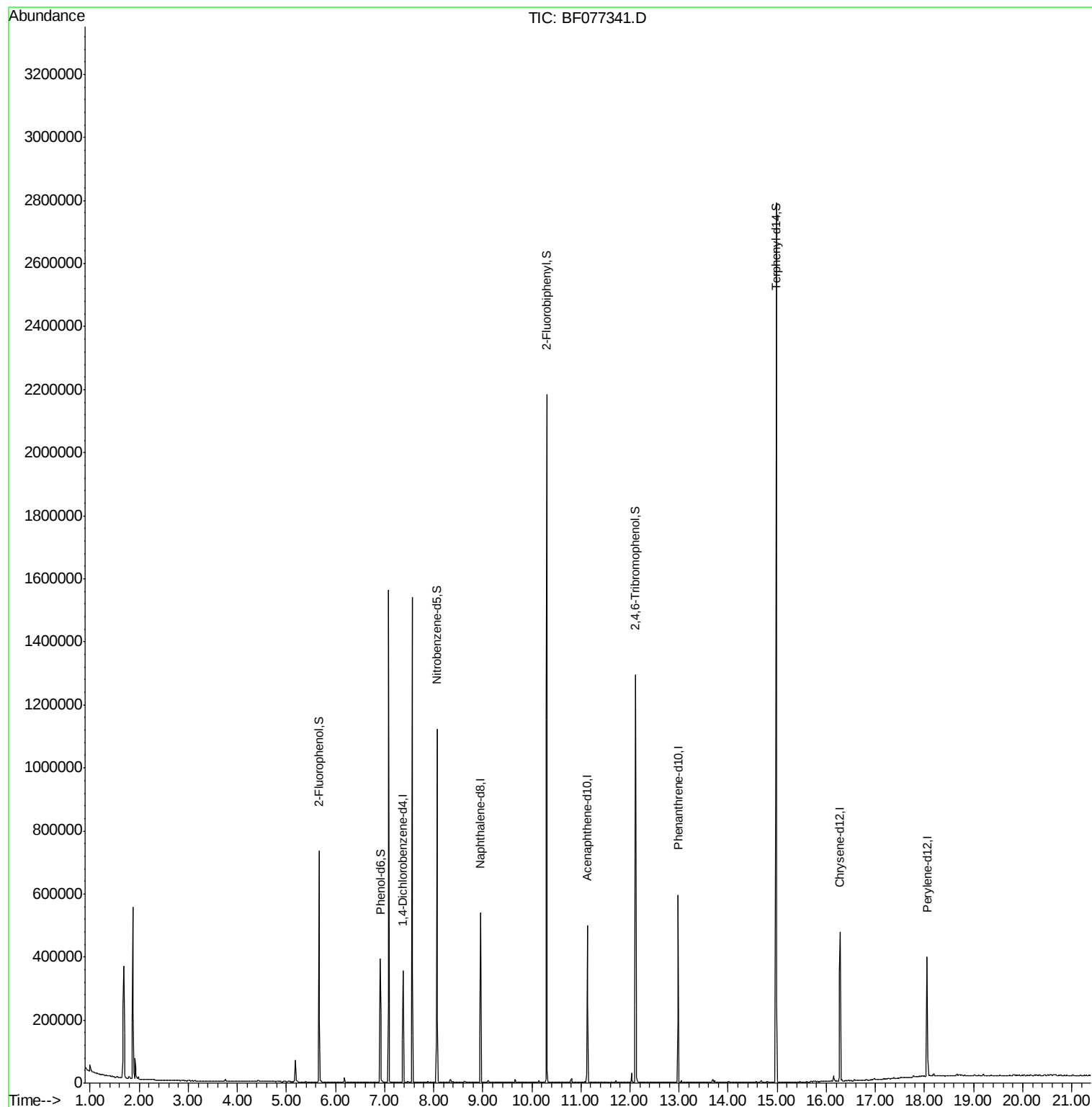
Target Compounds	Qvalue
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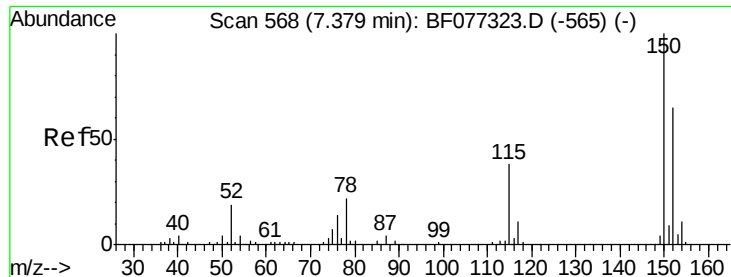
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA_F

ClientSampleId :

FYMW-04

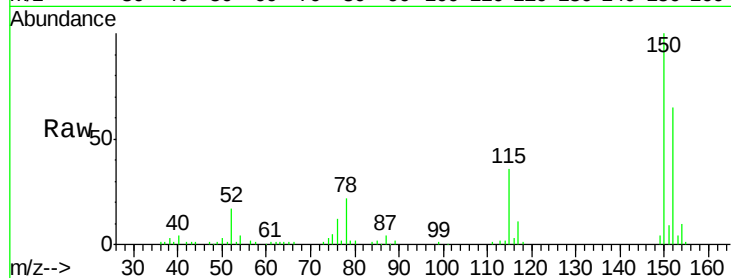
Tgt Ion:152 Resp: 59482

Ion Ratio Lower Upper

152 100

150 154.3 123.1 184.7

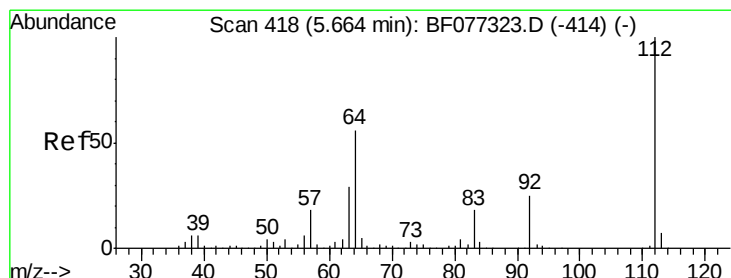
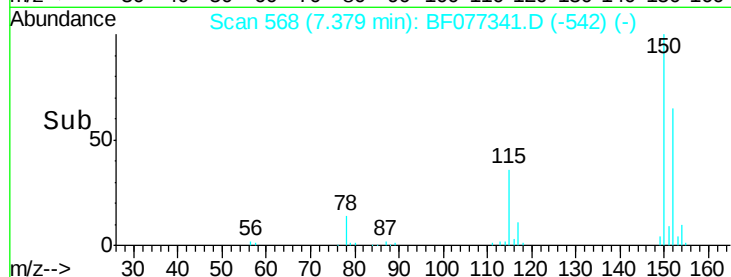
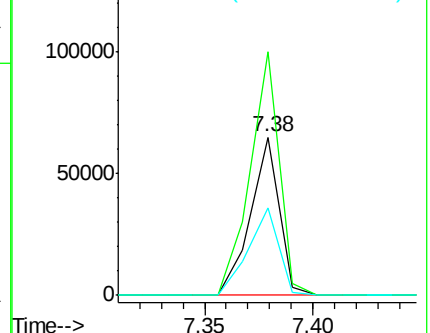
115 55.7 46.2 69.4



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: 61.96 ng

RT: 5.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

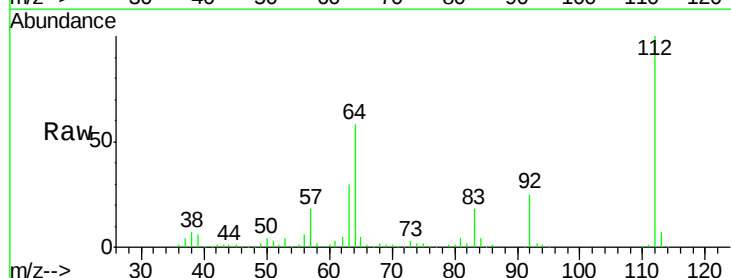
Tgt Ion:112 Resp: 215675

Ion Ratio Lower Upper

112 100

64 57.5 44.7 67.1

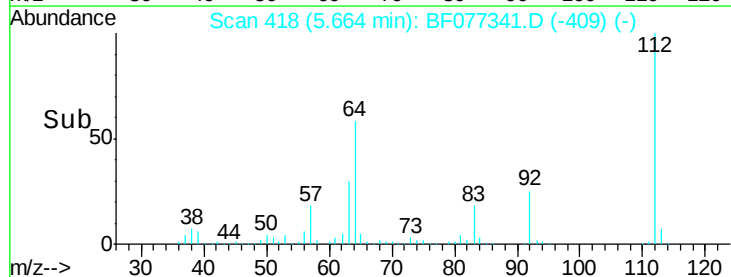
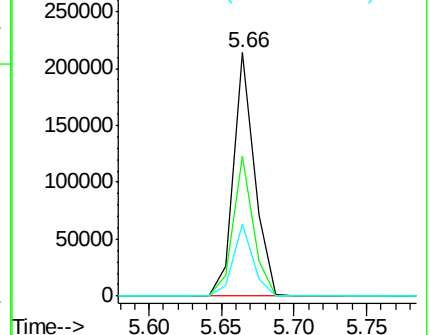
63 29.5 23.3 34.9

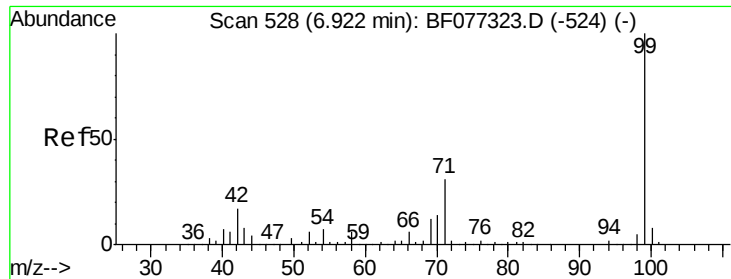


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.56 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA_F

ClientSampleId :

FYMW-04

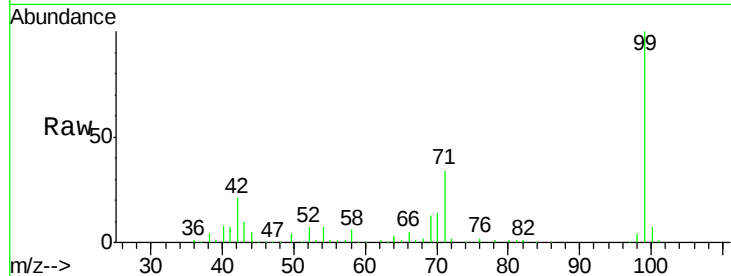
Tgt Ion: 99 Resp: 161672

Ion Ratio Lower Upper

99 100

42 21.0 13.8 20.6#

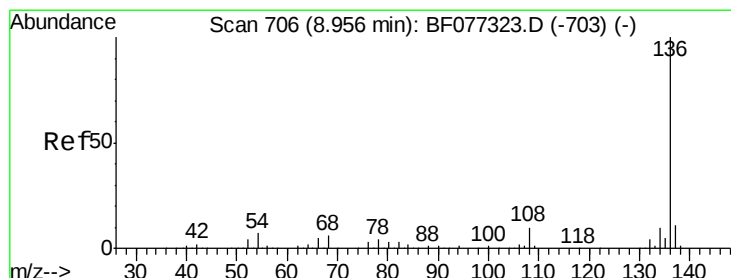
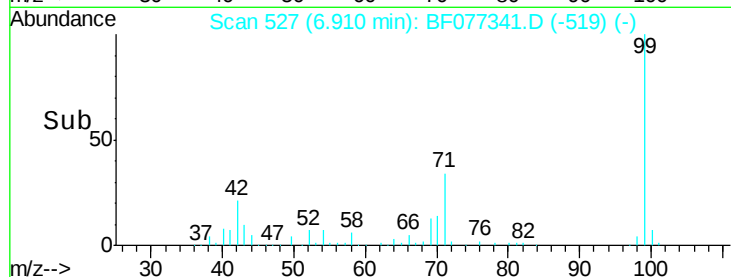
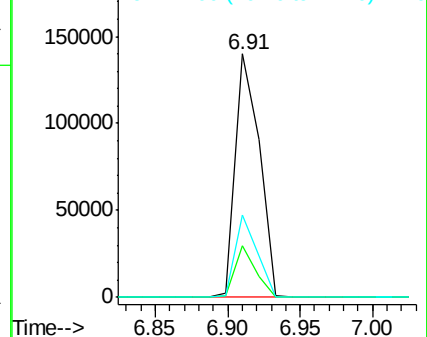
71 33.6 24.6 37.0



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: 8.96 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Tgt Ion: 136 Resp: 246216

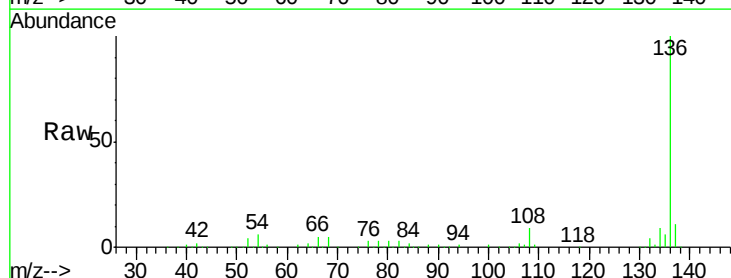
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.0 5.8 8.6

68 5.0 4.6 6.8

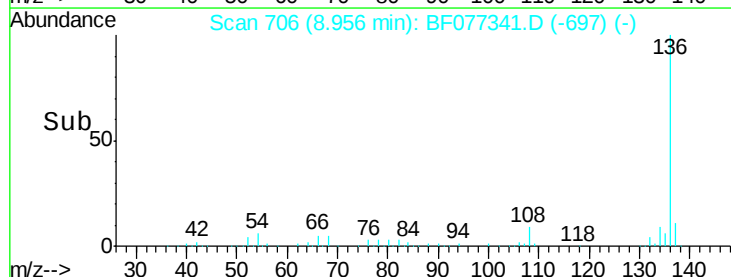
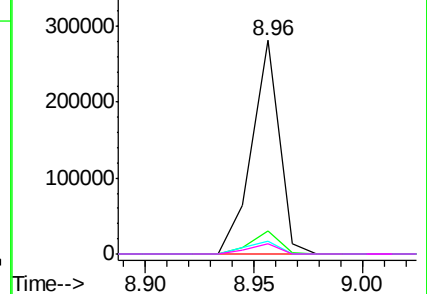


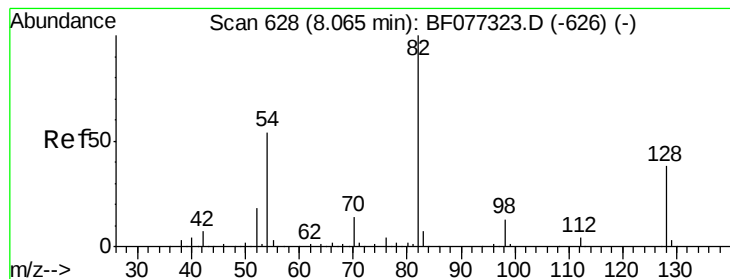
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.69 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA_F

ClientSampleId :

FYMW-04

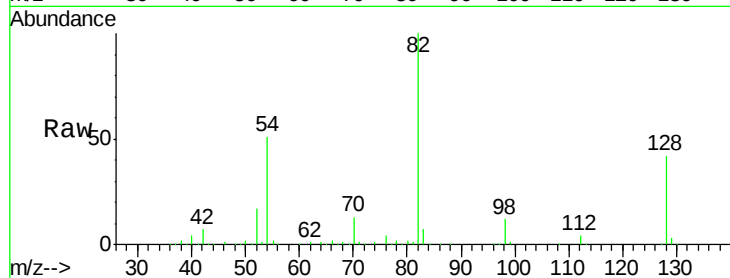
Tgt Ion: 82 Resp: 336680

Ion Ratio Lower Upper

82 100

128 41.8 30.7 46.1

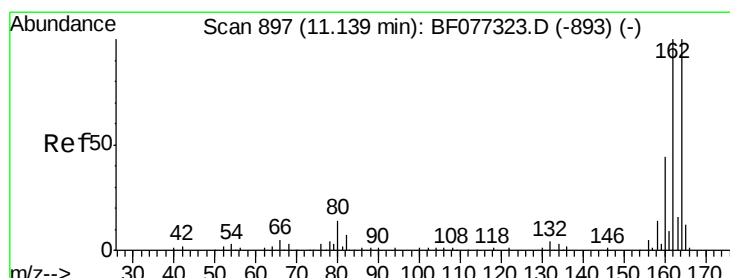
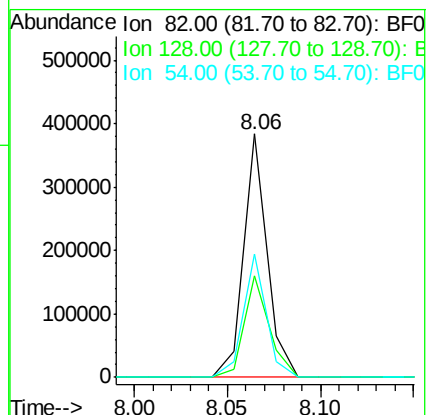
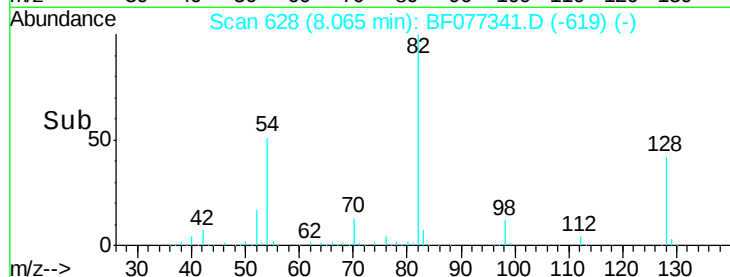
54 50.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BF077323.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BF077323.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BF077323.D (-626) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

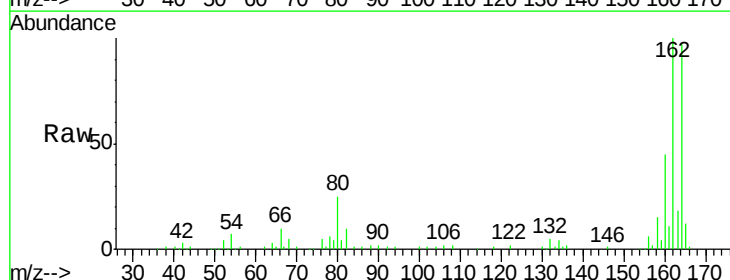
Tgt Ion: 164 Resp: 114672

Ion Ratio Lower Upper

164 100

162 103.6 80.4 120.6

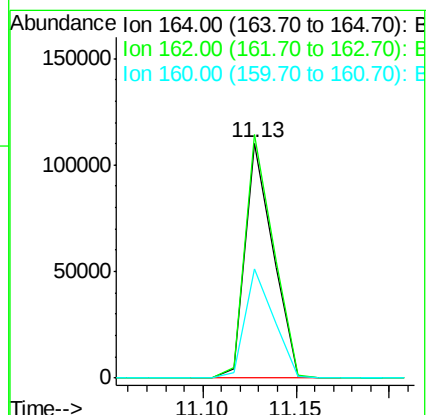
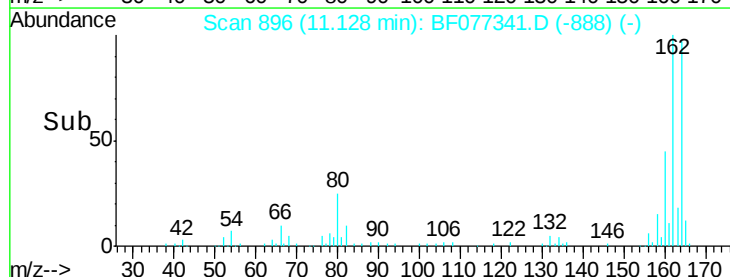
160 46.2 35.3 52.9

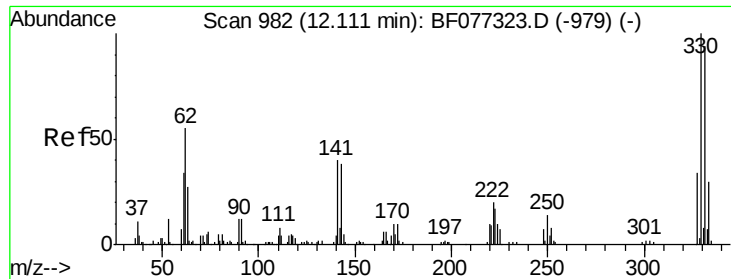


Abundance Ion 164.00 (163.70 to 164.70): BF077323.D (-893) (-)

Ion 162.00 (161.70 to 162.70): BF077323.D (-893) (-)

Ion 160.00 (159.70 to 160.70): BF077323.D (-893) (-)

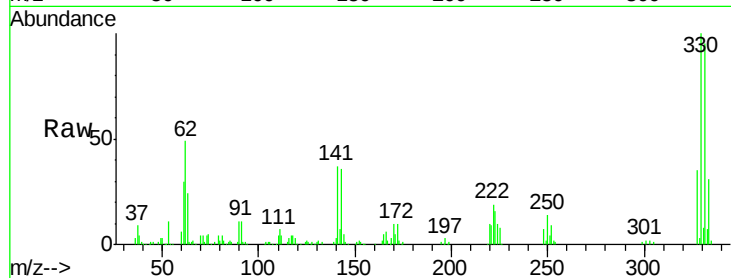




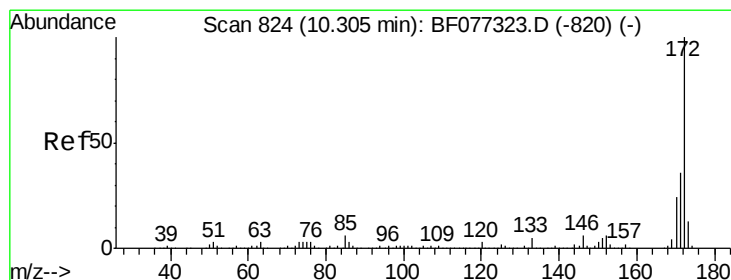
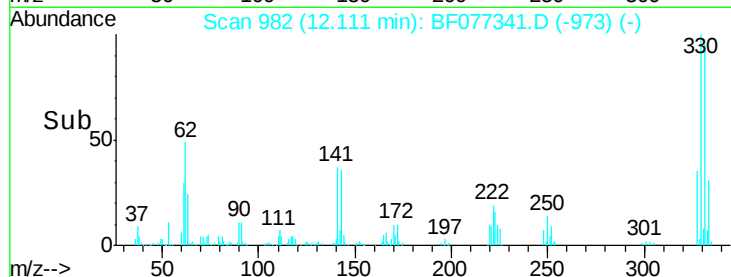
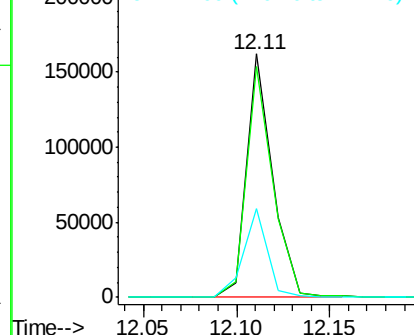
#41
 2,4,6-Tribromophenol
 Concen: 147.47 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077341.D
 Acq: 18 Feb 2015 4:34

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-04

Tgt Ion:330 Resp: 157703
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.1 114.1
 141 34.2 28.5 42.7

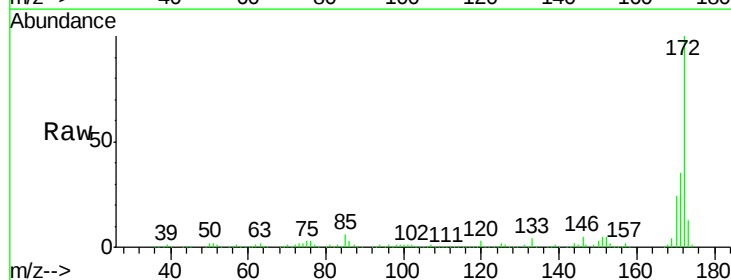


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

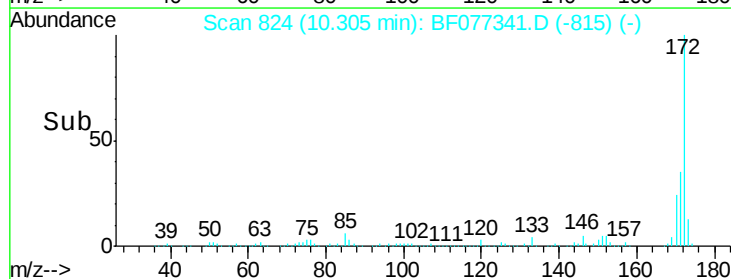
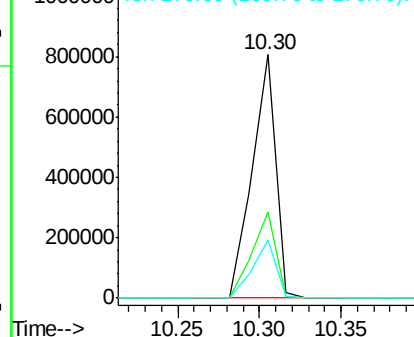


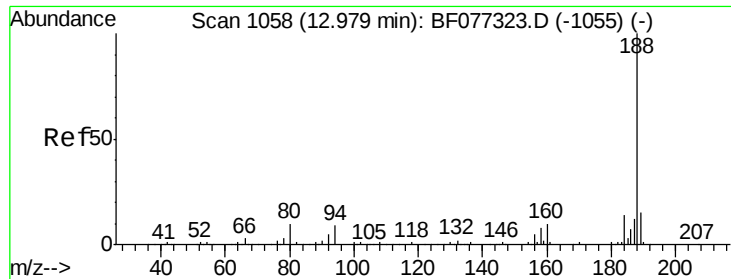
#44
 2-Fluorobiphenyl
 Concen: 105.74 ng
 RT: 10.30 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077341.D
 Acq: 18 Feb 2015 4:34

Tgt Ion:172 Resp: 804354
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.8 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

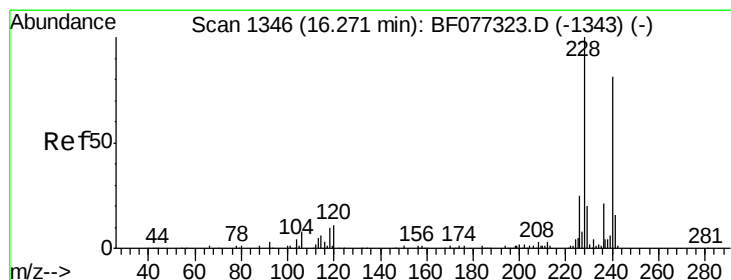
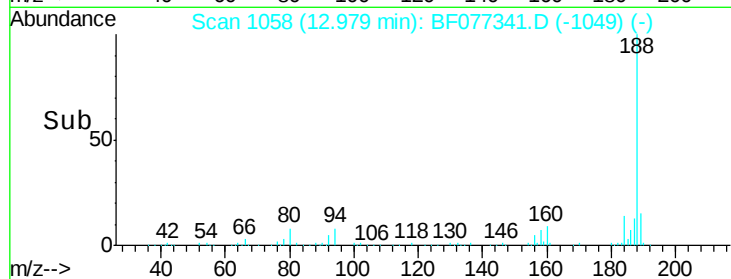
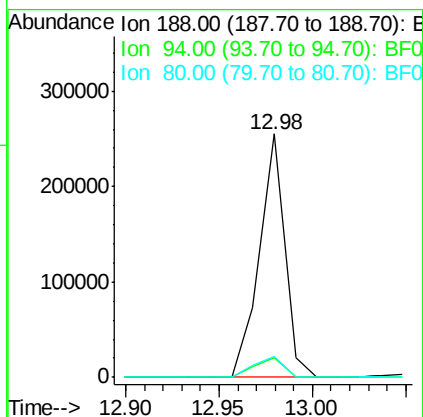
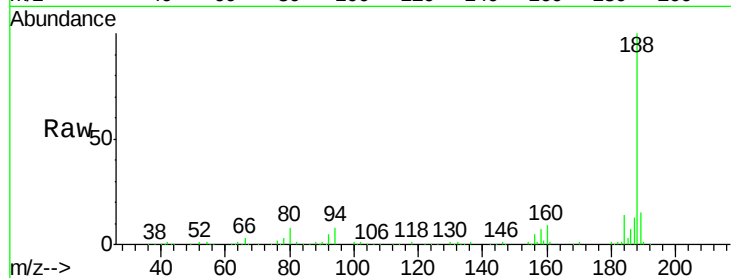




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF077341.D
Acq: 18 Feb 2015 4:34

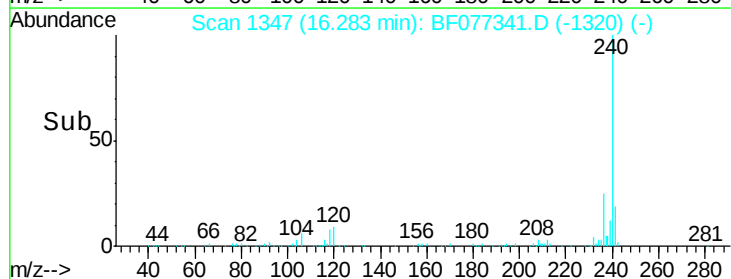
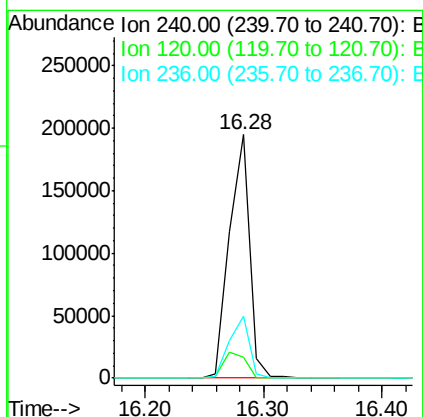
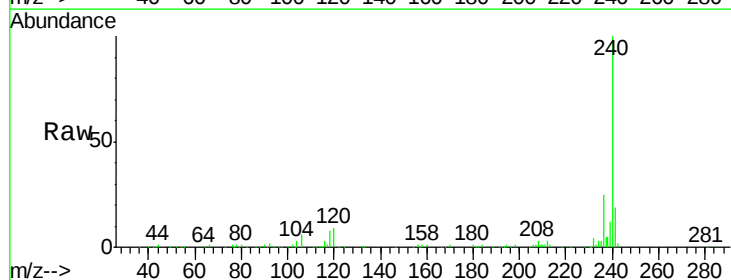
Instrument :
BNA_F
ClientSampleId :
FYMW-04

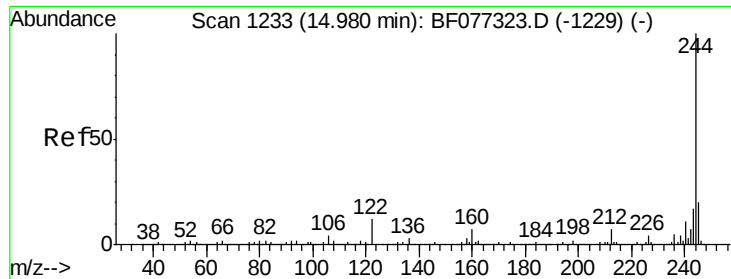
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	239866		
94	8.1		7.2	10.8
80	8.4		7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF077341.D
Acq: 18 Feb 2015 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	230043		
120	8.6		11.3	16.9#
236	25.3		20.3	30.5





#78

Terphenyl-d14

Concen: 94.98 ng

RT: 14.98 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA_F

ClientSampled :

FYMW-04

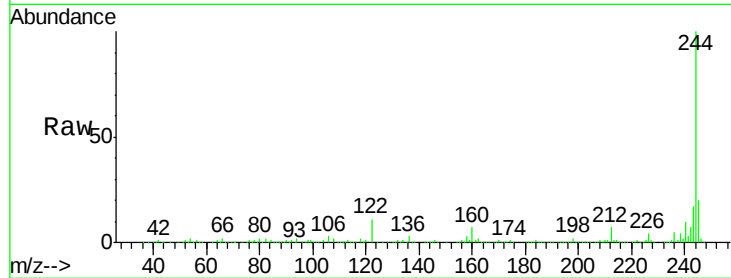
Tgt Ion:244 Resp: 961006

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

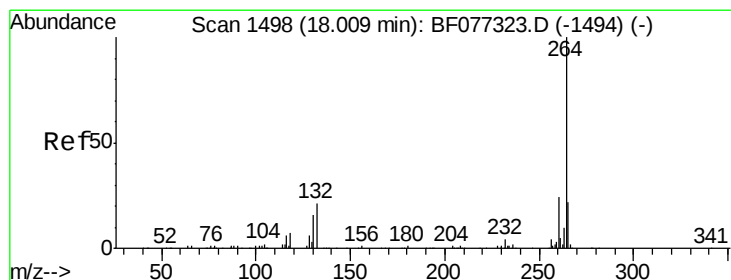
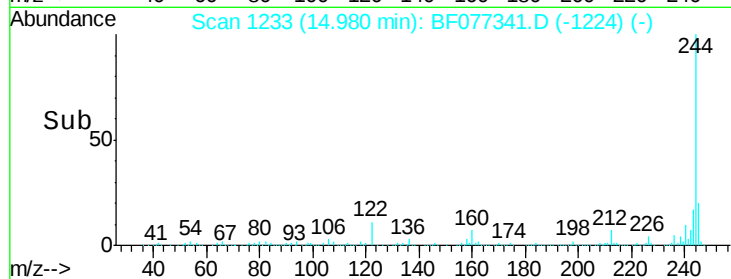
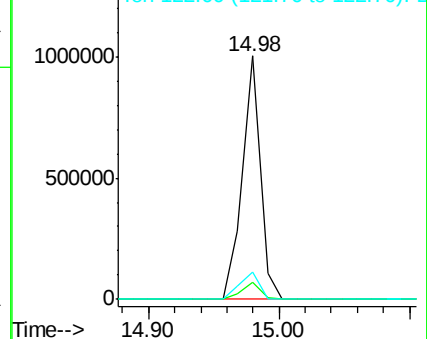
122 11.2 9.3 13.9



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: 18.05 min Scan# 1502

Delta R.T. 0.05 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

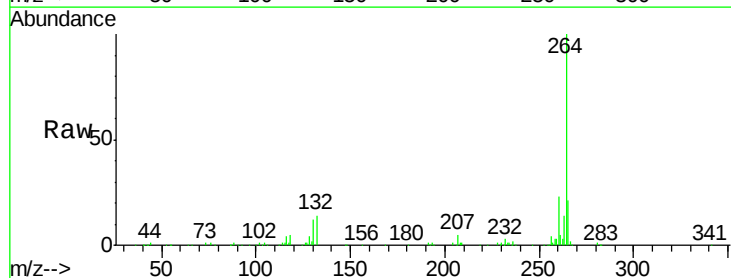
Tgt Ion:264 Resp: 220998

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.1 17.7 26.5



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

