

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077837.D
 Acq On : 19 Mar 2015 18:19
 Operator : TP/IZ
 Sample : G1572-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Quant Time: Mar 20 01:37:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	39911	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	163169	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	80462	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	160561	20.00	ng	0.00
75) Chrysene-d12	16.02	240	174306	20.00	ng	-0.01
86) Perylene-d12	17.76	264	170387	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	144489	63.19	ng	0.00
7) Phenol-d6	6.73	99	111051	39.31	ng	0.00
23) Nitrobenzene-d5	7.85	82	244284	98.14	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	104692	135.99	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	513801	93.84	ng	0.00
78) Terphenyl-d14	14.74	244	549986	77.07	ng	0.00

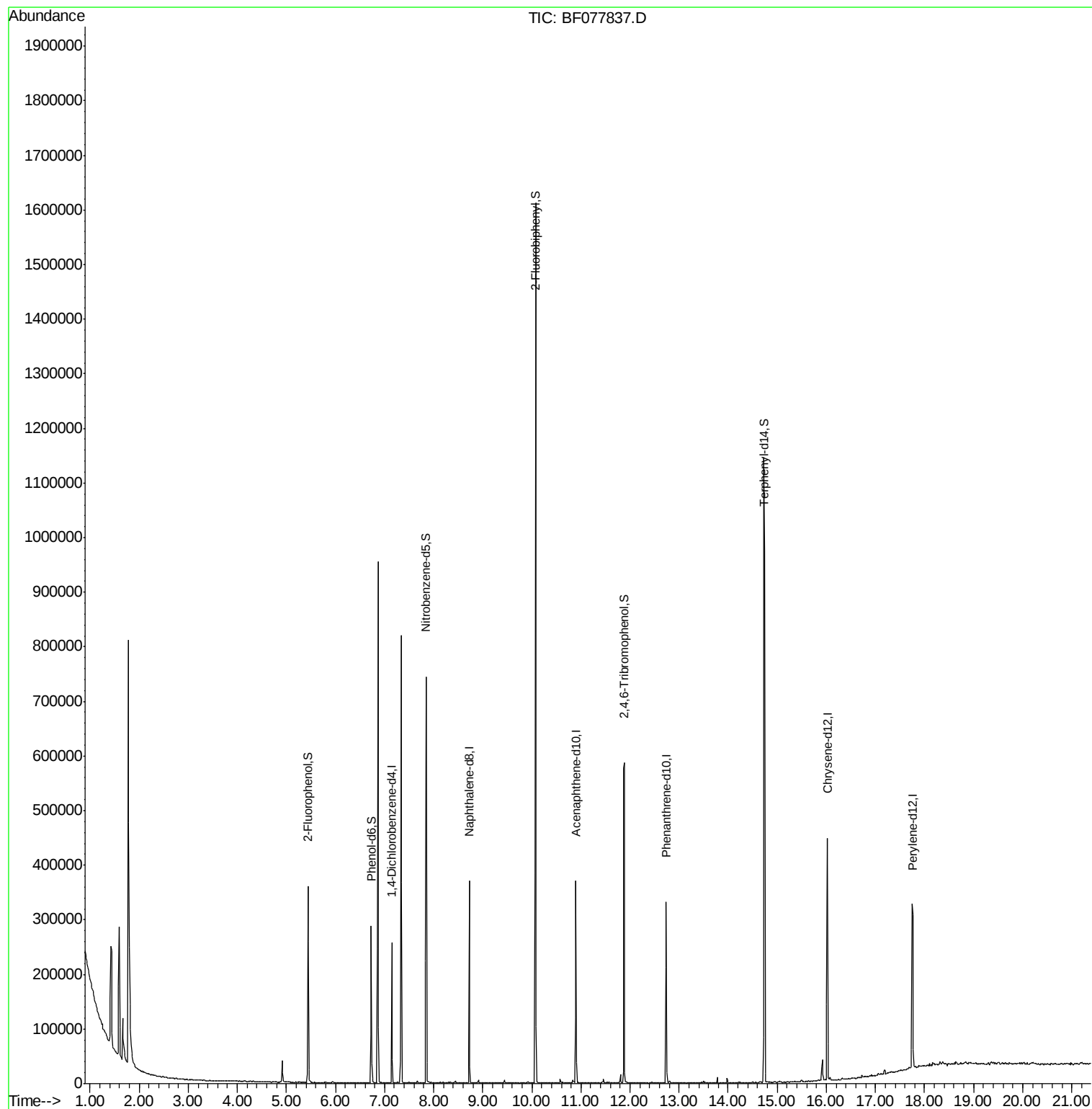
Target Compounds Qvalue

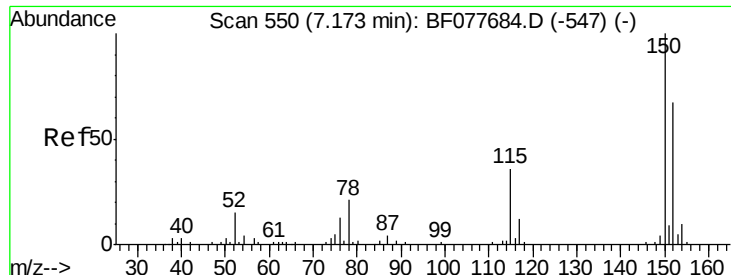
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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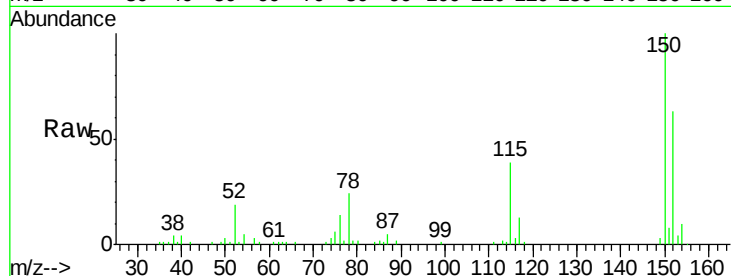


#1

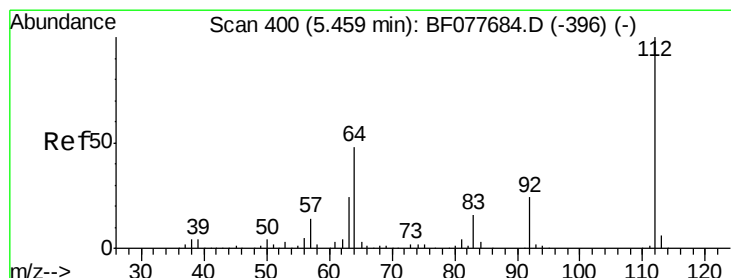
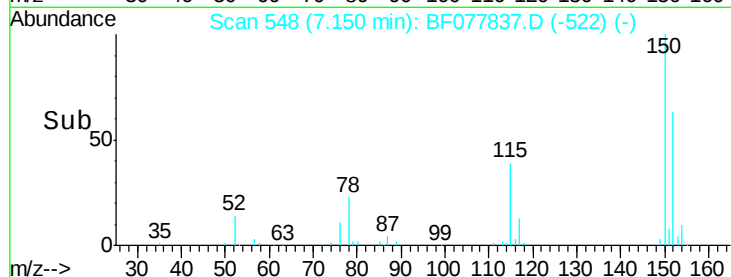
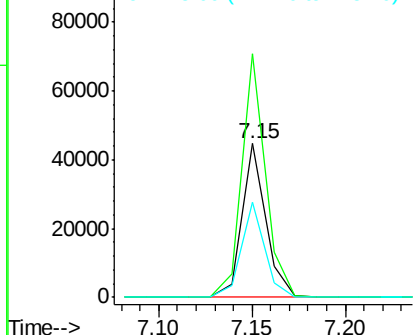
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tot Ion:152 Resp: 39911
Ion Ratio Lower Upper
152 100
150 158.3 119.5 179.3
115 62.2 43.0 64.4



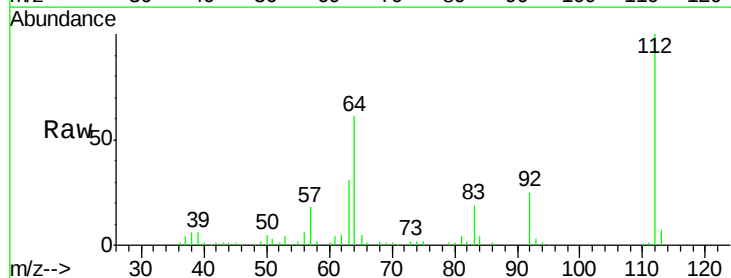
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



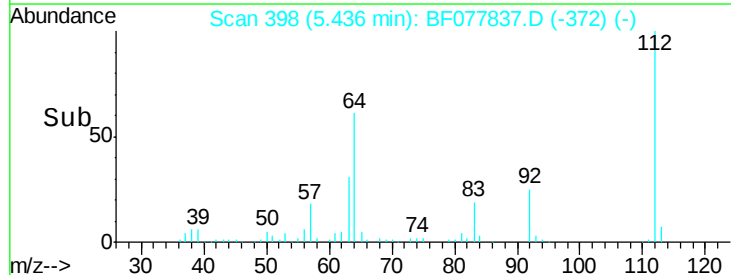
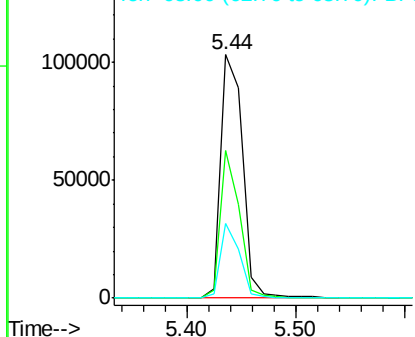
#5

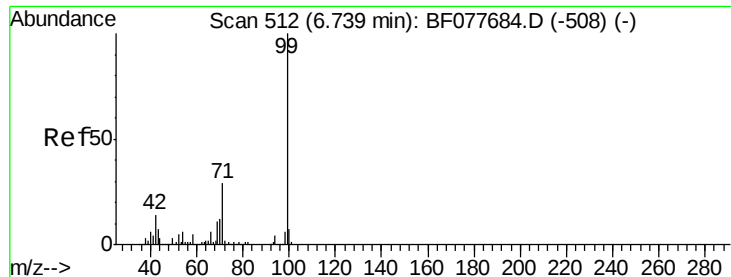
2-Fluorophenol
Concen: 63.19 ng
RT: 5.44 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

Tgt Ion:112 Resp: 144489
Ion Ratio Lower Upper
112 100
64 60.8 38.6 57.8#
63 30.6 19.3 28.9#



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: 39.31 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

URSMW-14

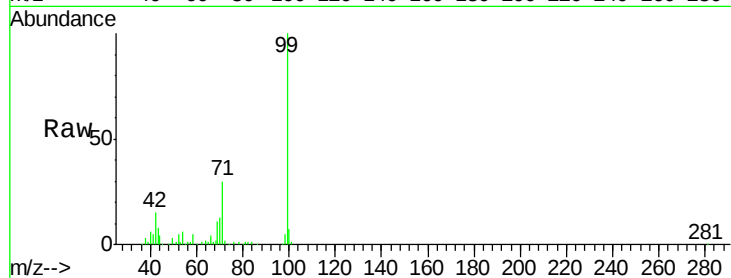
Tot Ion: 99 Resp: 111051

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.4

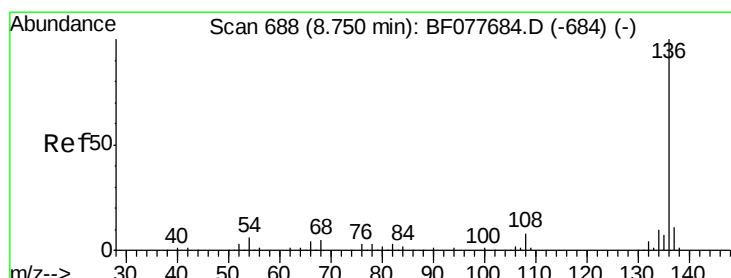
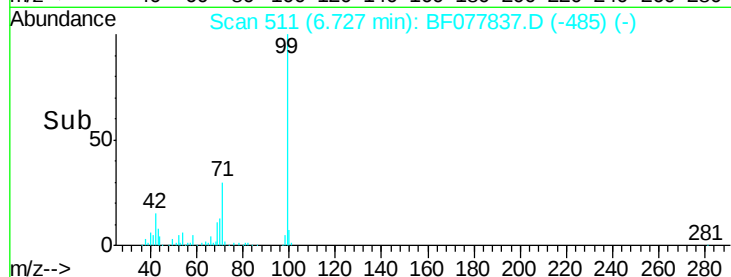
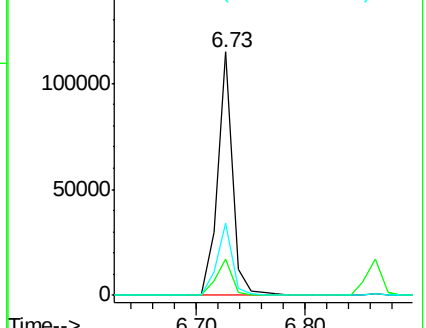
71 29.5 23.4 35.2



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: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Tgt Ion: 136 Resp: 163169

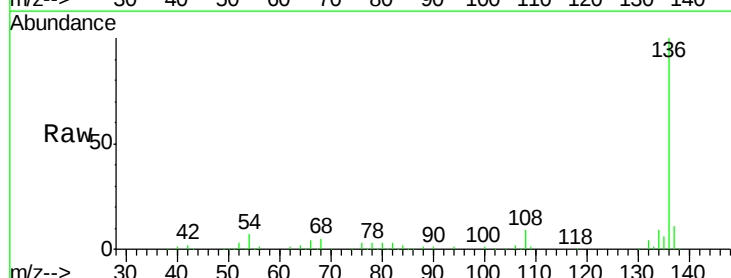
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.6 4.6 6.8

68 5.5 3.7 5.5

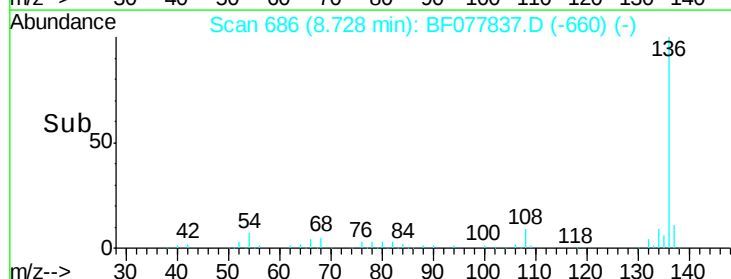
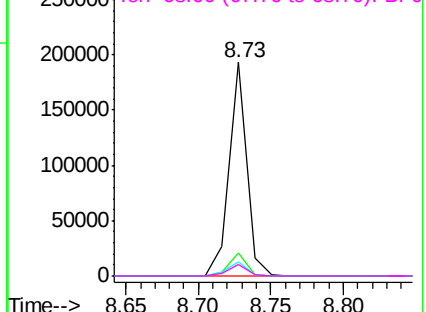


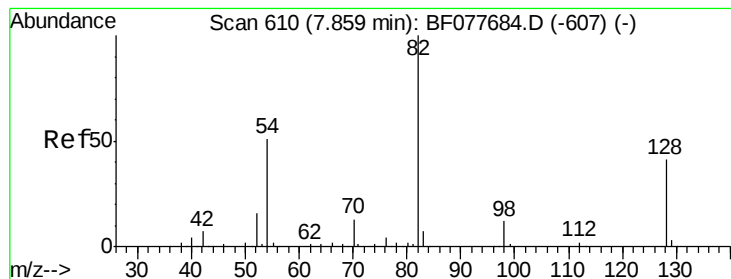
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.14 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

URSMW-14

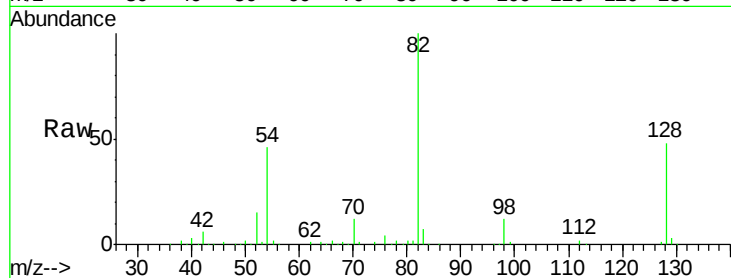
Tot Ion: 82 Resp: 244284

Ion Ratio Lower Upper

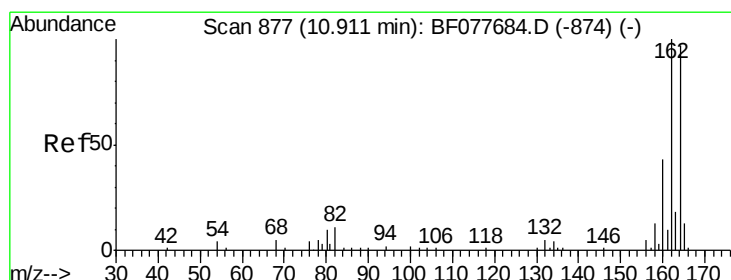
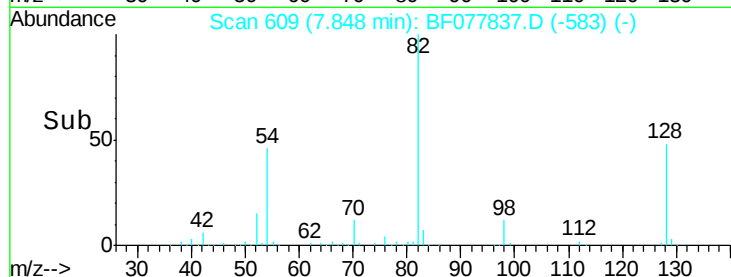
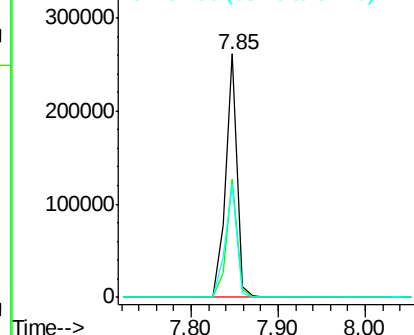
82 100

128 48.4 32.8 49.2

54 46.4 40.6 60.8



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: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

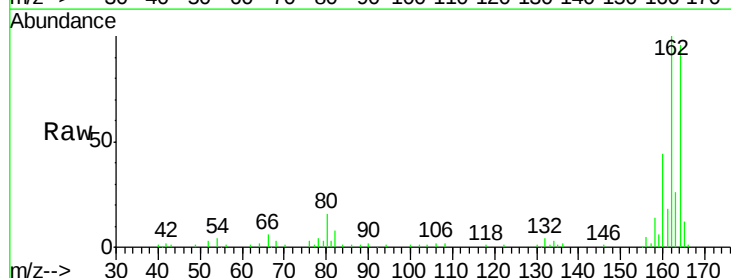
Tgt Ion:164 Resp: 80462

Ion Ratio Lower Upper

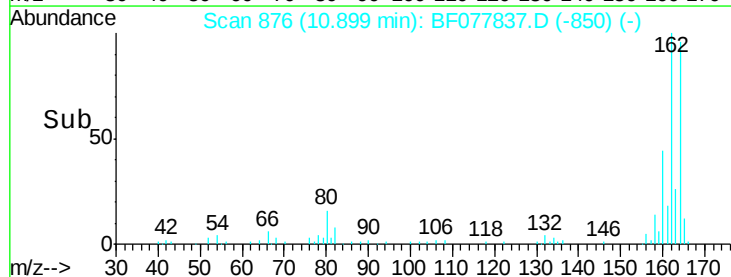
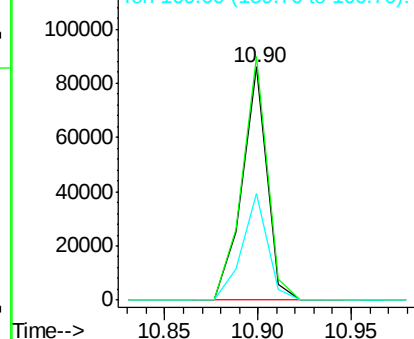
164 100

162 104.6 82.4 123.6

160 46.0 35.8 53.6



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: 135.99 ng

RT: 11.88 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

URSMW-14

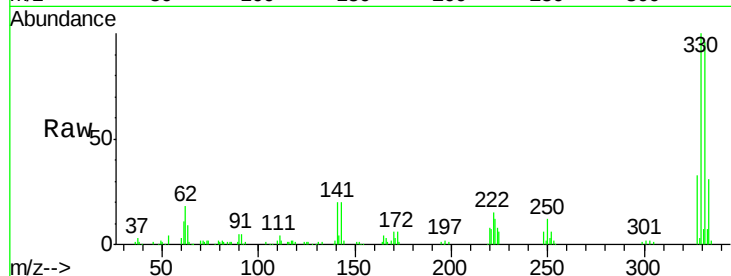
Tot Ion:330 Resp: 104692

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

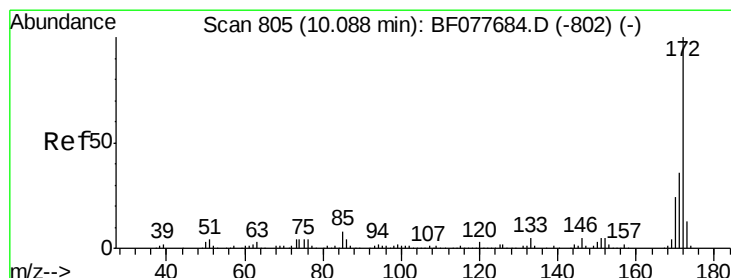
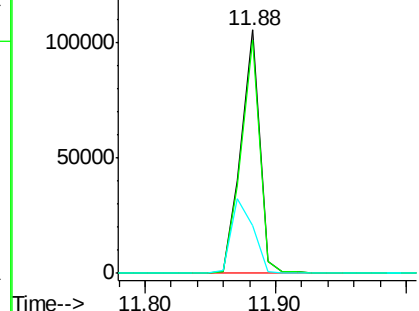
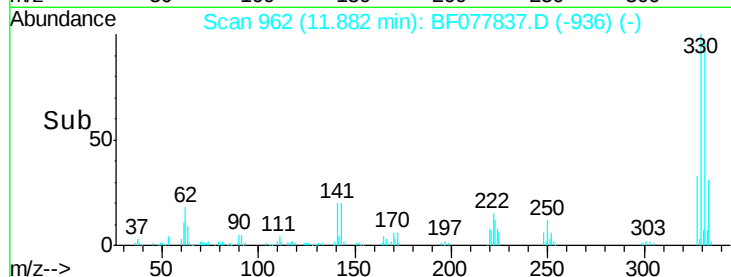
141 36.1 0.0 0.0#



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: 93.84 ng

RT: 10.08 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

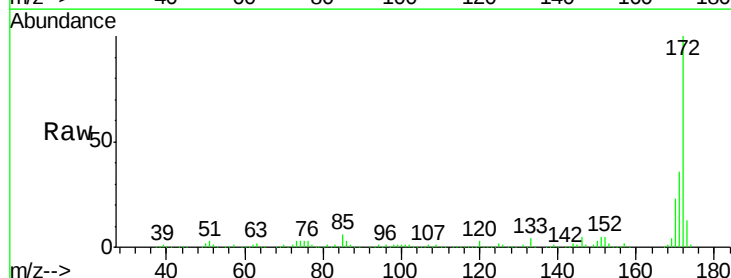
Tgt Ion:172 Resp: 513801

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

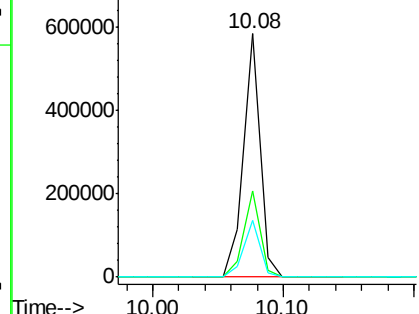
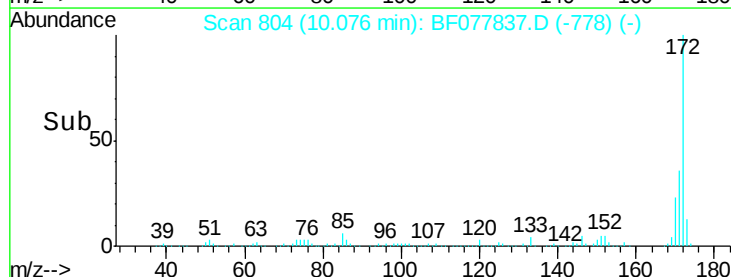
170 23.5 18.8 28.2



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

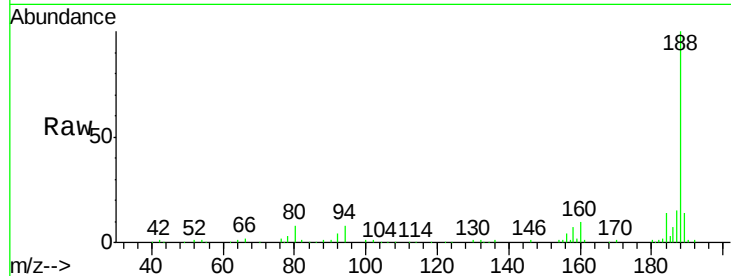




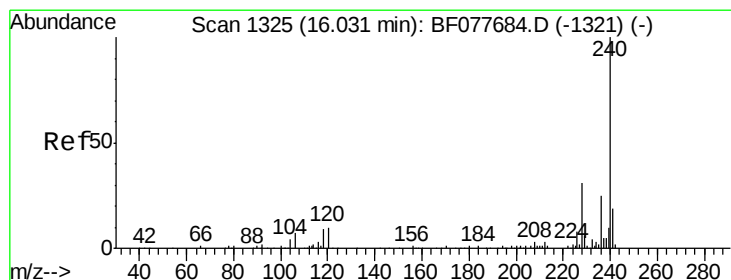
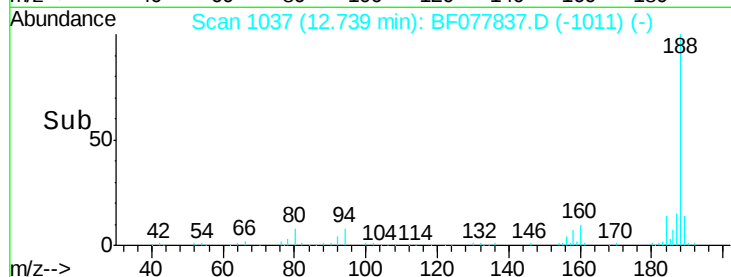
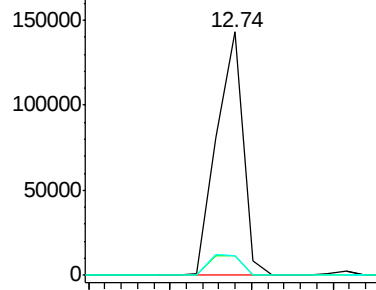
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tot Ion:188 Resp: 160561
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 7.9 9.3 13.9#

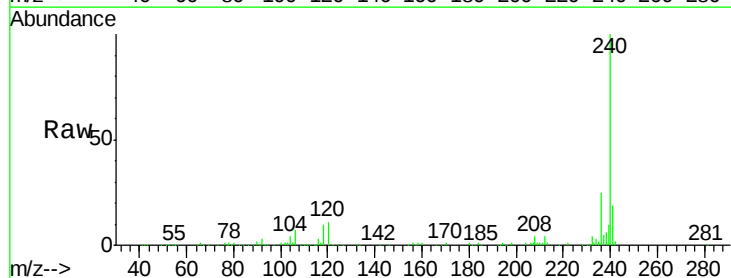


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

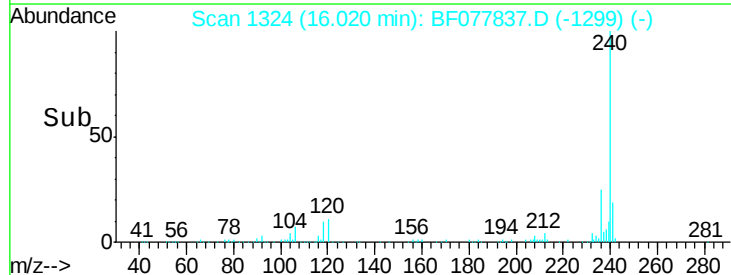
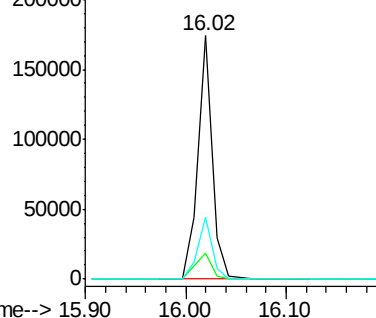


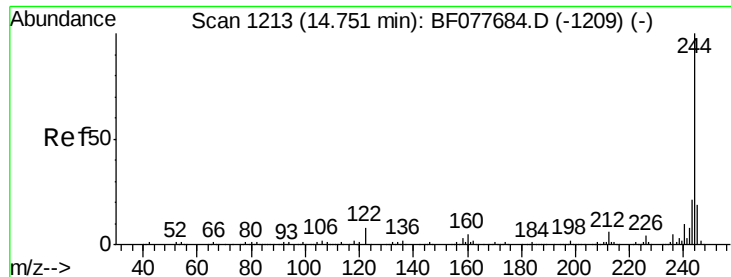
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

Tgt Ion:240 Resp: 174306
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 25.2 20.0 30.0



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: 77.07 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

URSMW-14

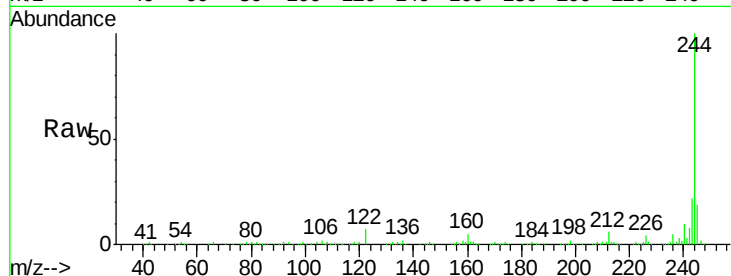
Tot Ion:244 Resp: 549986

Ion Ratio Lower Upper

244 100

212 6.0 4.9 7.3

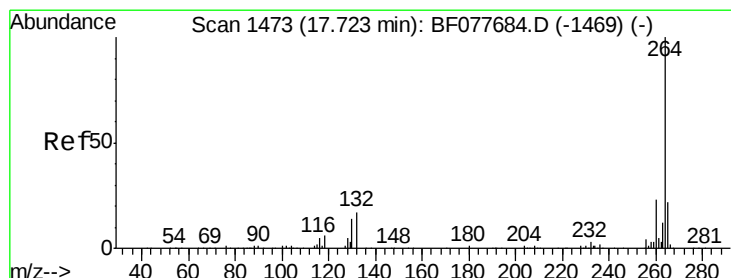
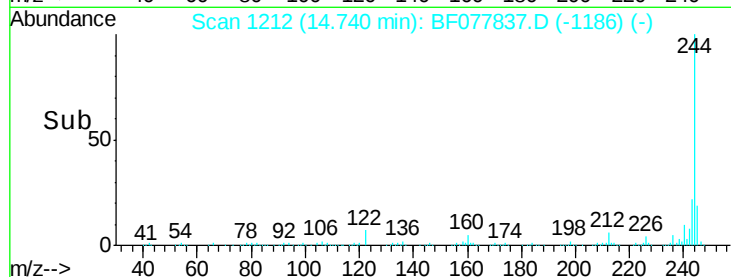
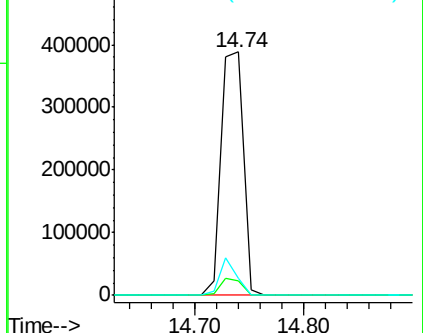
122 7.0 6.2 9.4



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: 17.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

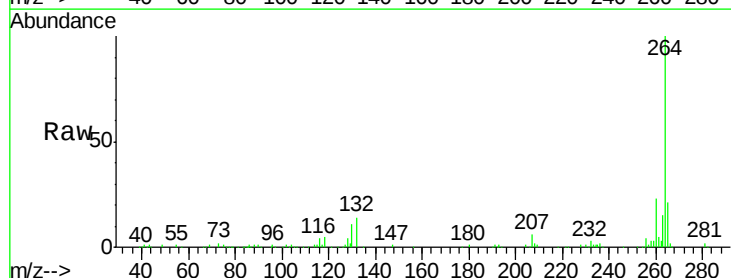
Tgt Ion:264 Resp: 170387

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.2 17.3 25.9



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

