

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077818.D
 Acq On : 19 Mar 2015 3:47
 Operator : TP/IZ
 Sample : G1560-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-3

Quant Time: Mar 19 05:19:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41905	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	171451	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	80685	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	156616	20.00	ng	0.01
75) Chrysene-d12	16.04	240	160392	20.00	ng	0.01
86) Perylene-d12	17.76	264	171283	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	134398	55.98	ng	0.01
7) Phenol-d6	6.73	99	114815	38.71	ng	0.00
23) Nitrobenzene-d5	7.86	82	220745	84.40	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	98934	128.16	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	449838	81.93	ng	0.00
78) Terphenyl-d14	14.76	244	447713	68.18	ng	0.02

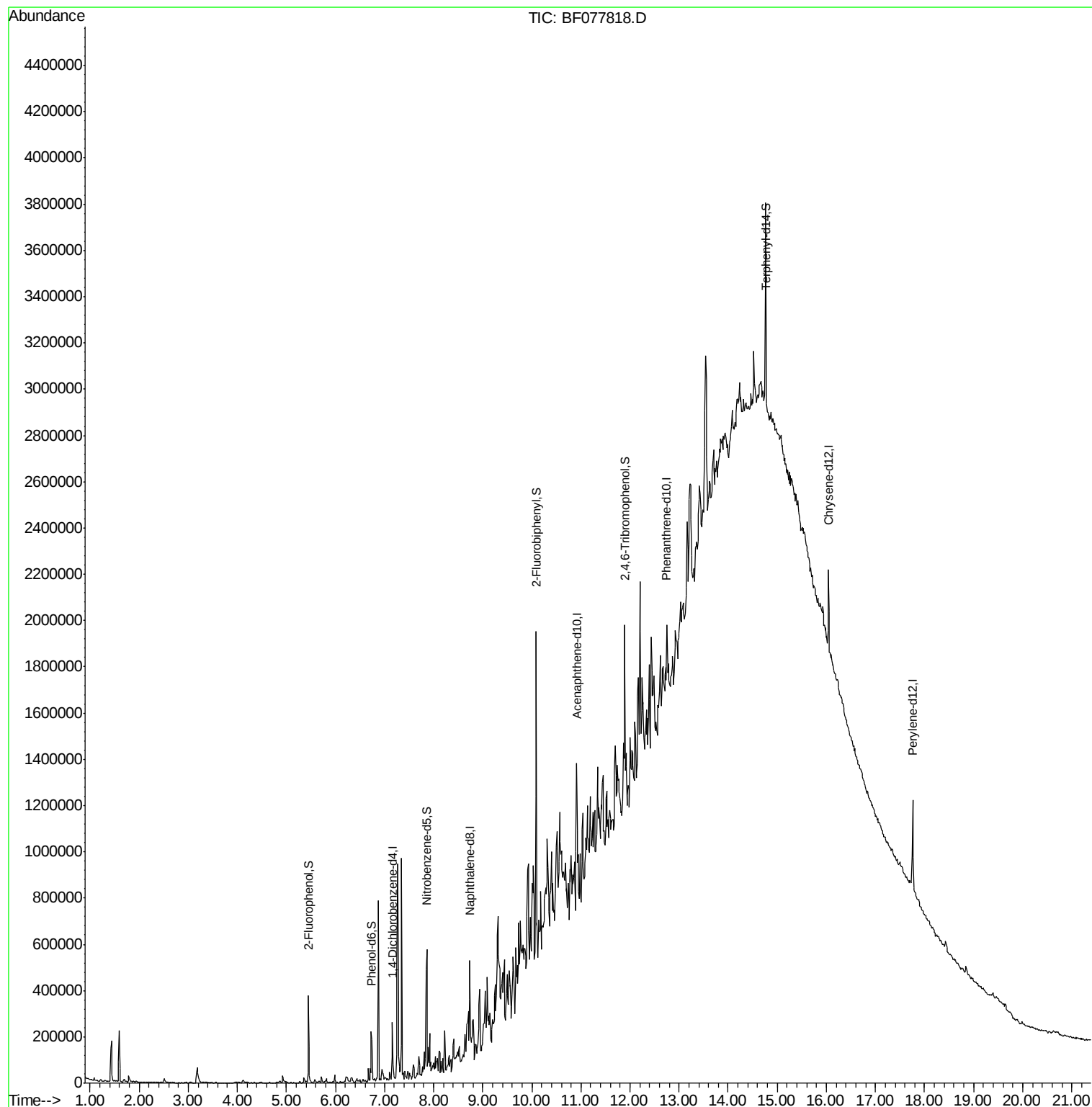
Target Compounds Qvalue

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

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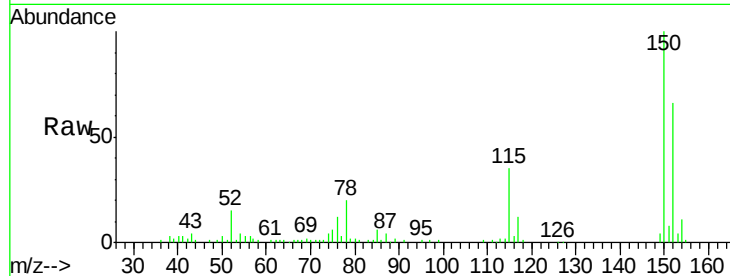


#1

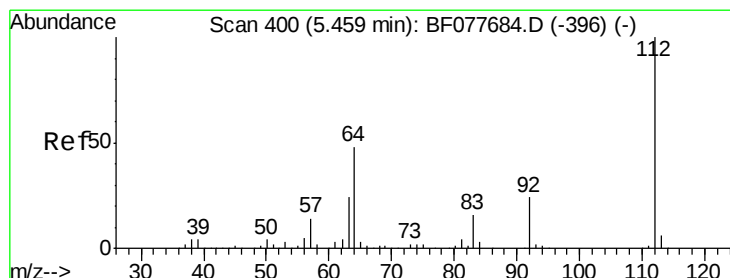
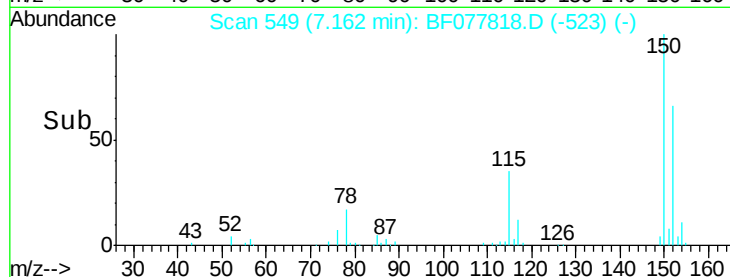
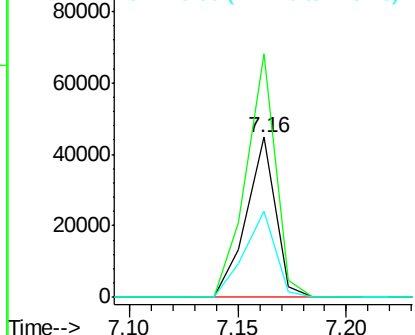
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Instrument :
BNA_F
ClientSampleId :
URS-3

Tot Ion:152 Resp: 41905
Ion Ratio Lower Upper
152 100
150 152.4 119.5 179.3
115 53.8 43.0 64.4



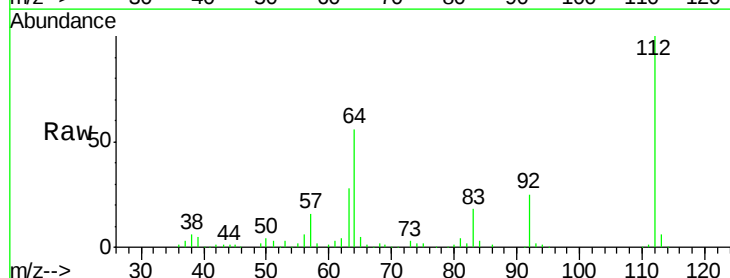
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



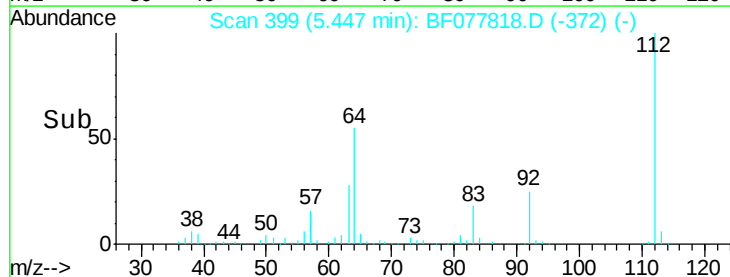
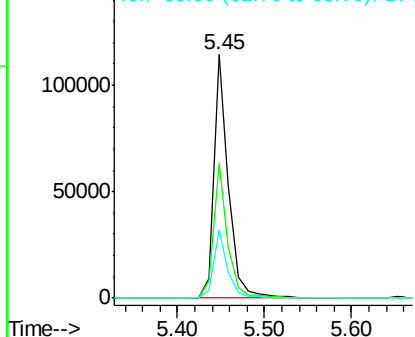
#5

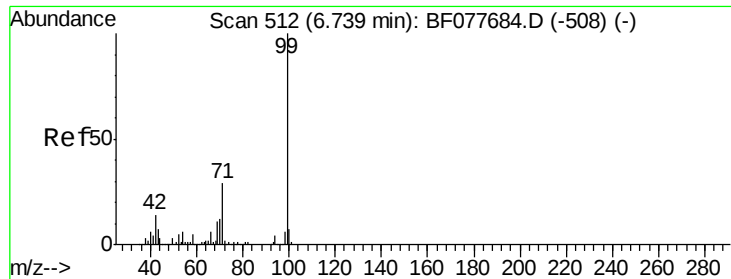
2-Fluorophenol
Concen: 55.98 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Tgt Ion:112 Resp: 134398
Ion Ratio Lower Upper
112 100
64 55.6 38.6 57.8
63 28.2 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: 38.71 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

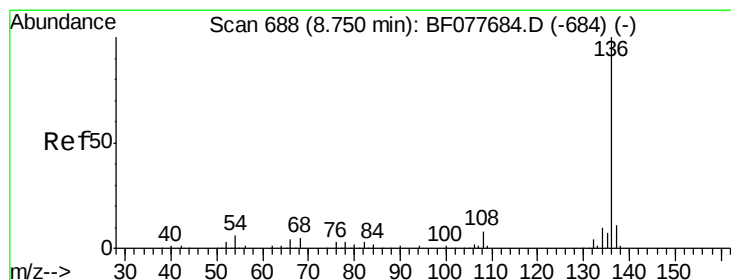
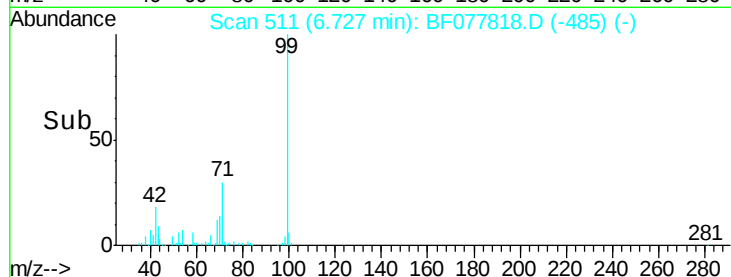
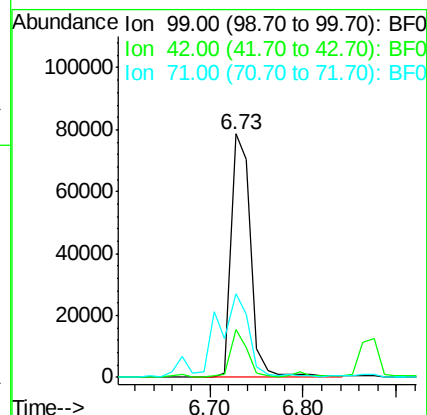
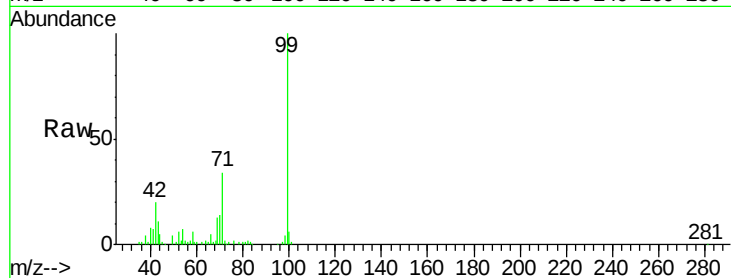
BNA_F

ClientSampleId :

URS-3

Tot Ion: 99 Resp: 114815

Ion	Ratio	Lower	Upper
99	100		
42	19.6	11.0	16.4#
71	34.1	23.4	35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

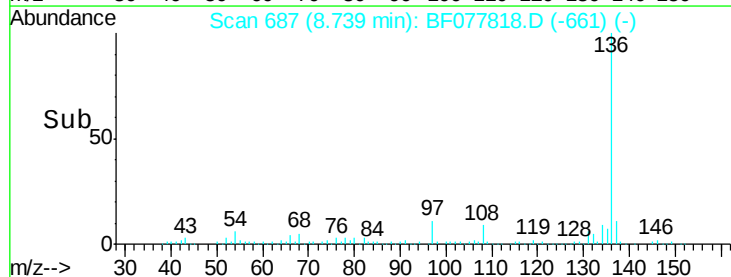
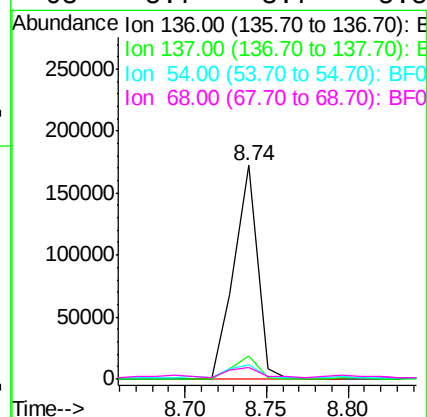
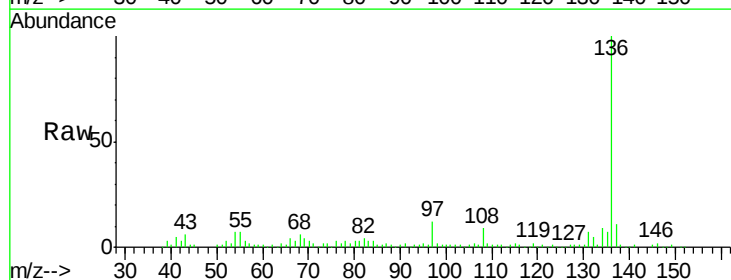
Delta R.T. 0.00 min

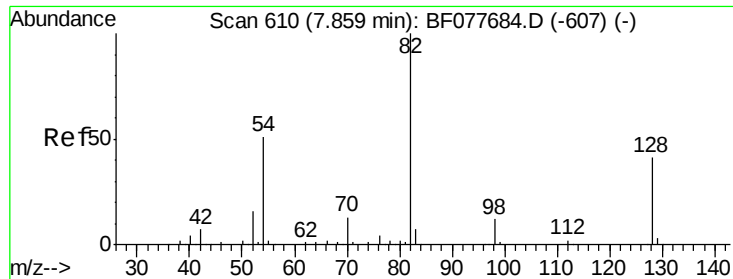
Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Tgt Ion: 136 Resp: 171451

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.5	4.6	6.8
68	5.7	3.7	5.5#

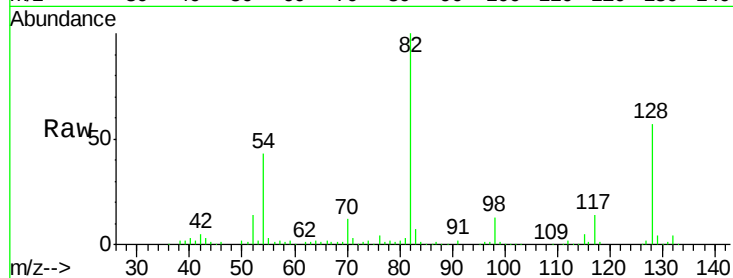




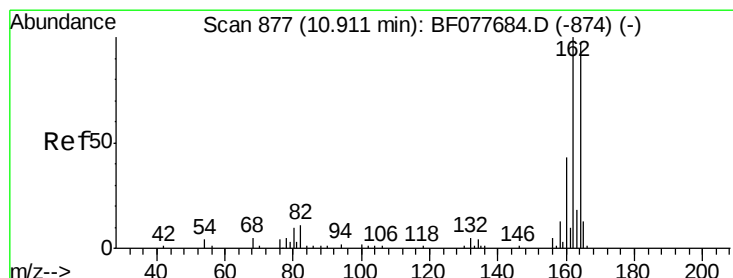
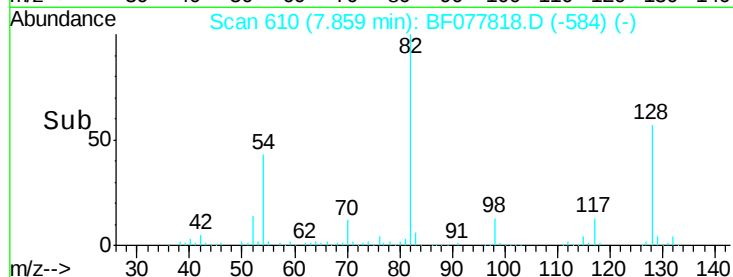
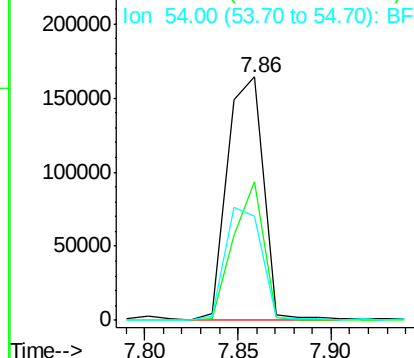
#23
Nitrobenzene-d5
Concen: 84.40 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Instrument :
BNA_F
ClientSampleId :
URS-3

Tot Ion: 82 Resp: 220745
Ion Ratio Lower Upper
82 100
128 57.0 32.8 49.2#
54 42.8 40.6 60.8

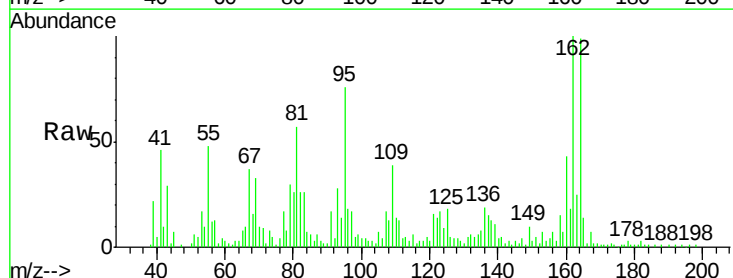


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

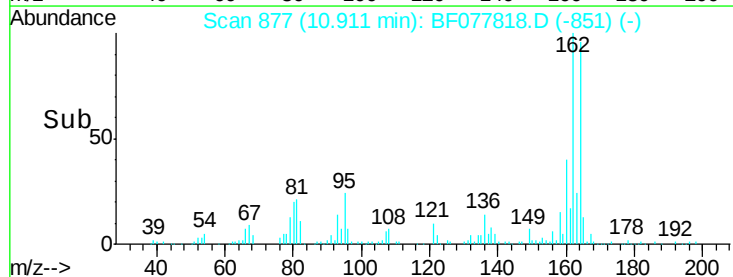
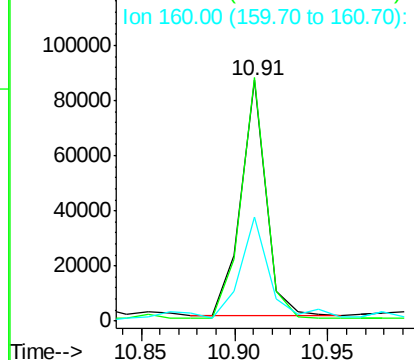


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Tgt Ion:164 Resp: 80685
Ion Ratio Lower Upper
164 100
162 101.2 82.4 123.6
160 43.4 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

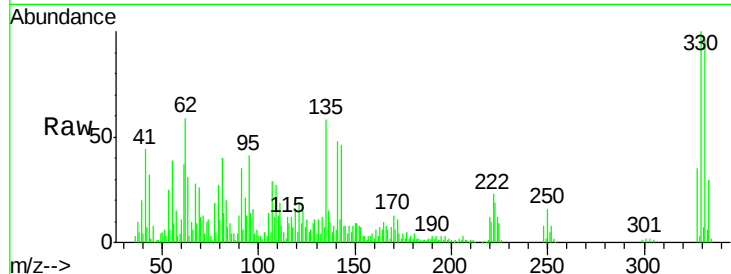




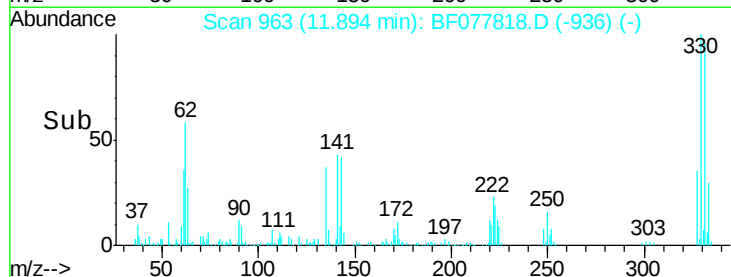
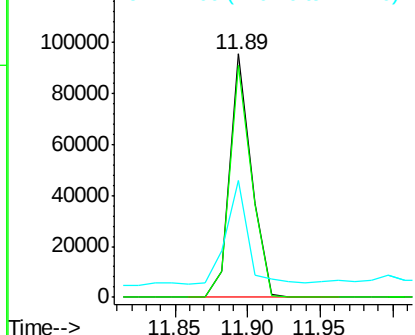
#41
 2,4,6-Tribromophenol
 Concen: 128.16 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Instrument :
 BNA_F
 ClientSampleId :
 URS-3

Tot Ion:330 Resp: 98934
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 47.1 0.0 0.0#

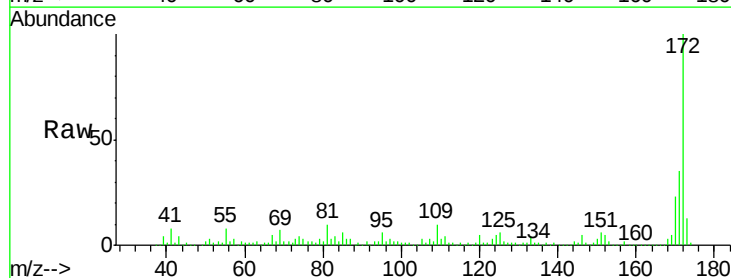


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

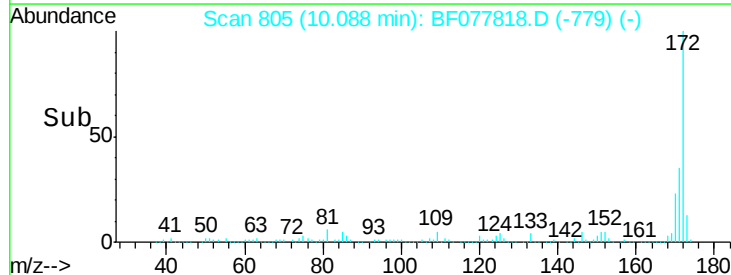
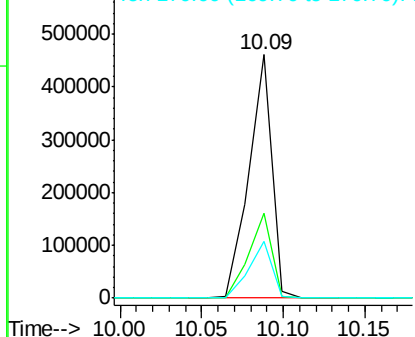


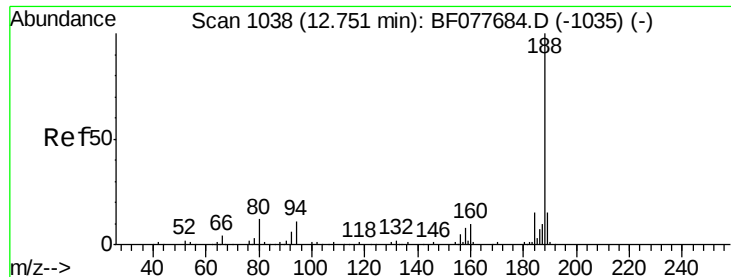
#44
 2-Fluorobiphenyl
 Concen: 81.93 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Tgt Ion:172 Resp: 449838
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.2 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: 12.75 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampleId :

URS-3

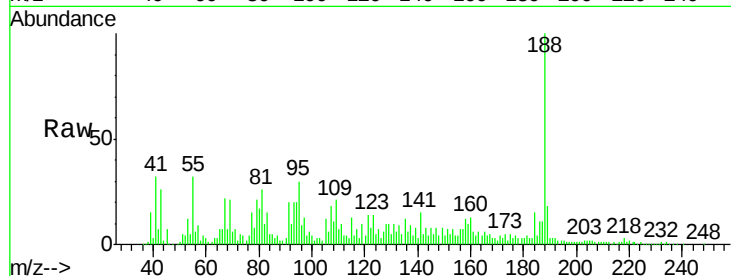
Tot Ion:188 Resp: 156616

Ion Ratio Lower Upper

188 100

94 19.8 8.7 13.1#

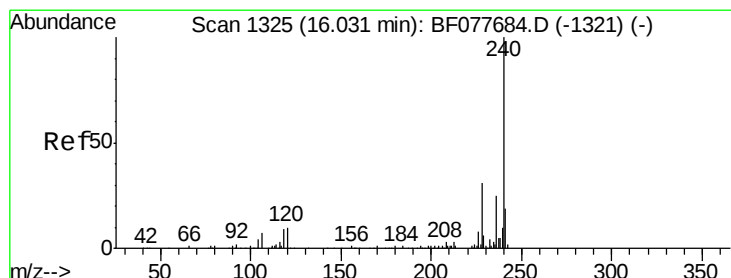
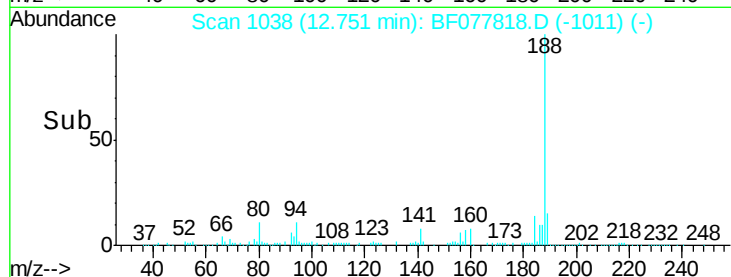
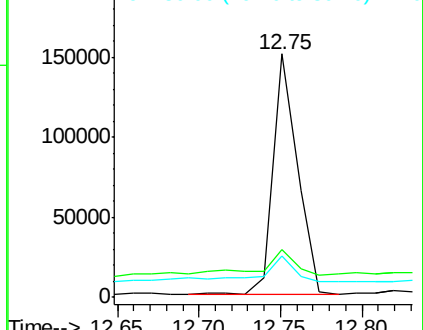
80 17.2 9.3 13.9#



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: 16.04 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

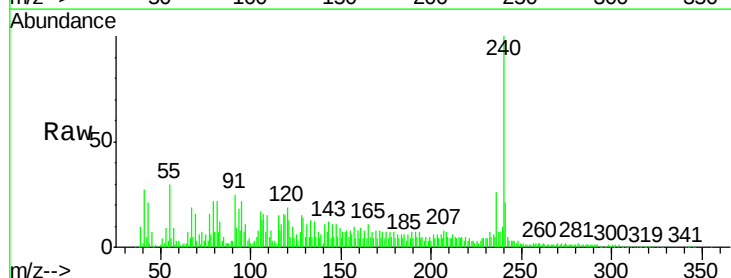
Tgt Ion:240 Resp: 160392

Ion Ratio Lower Upper

240 100

120 18.6 8.2 12.2#

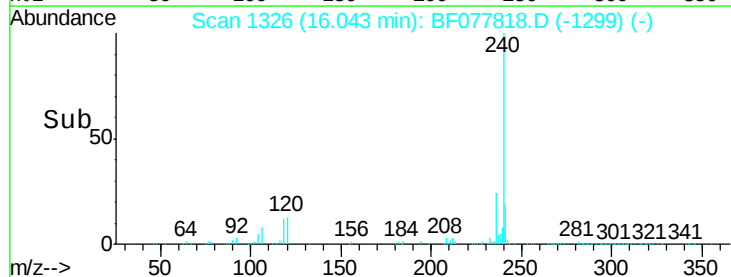
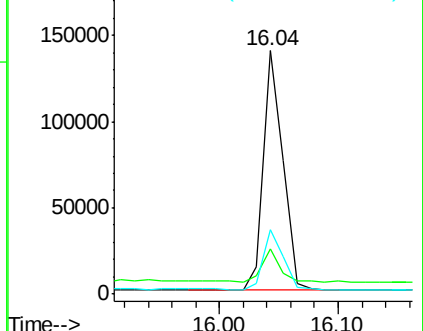
236 26.2 20.0 30.0

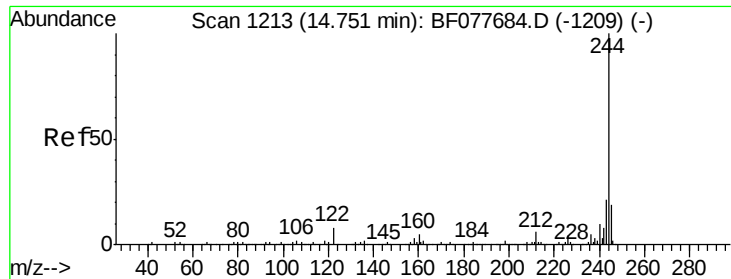


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.18 ng

RT: 14.76 min Scan# 1214

Delta R.T. 0.02 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampleId :

URS-3

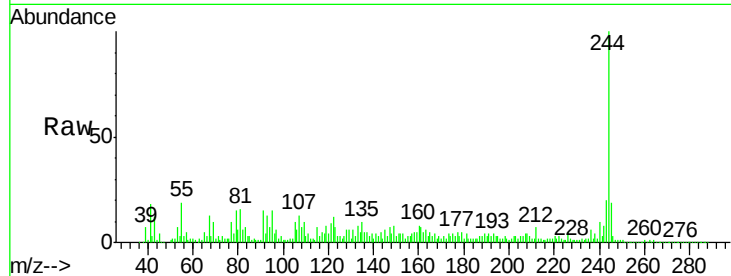
Tot Ion:244 Resp: 447713

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

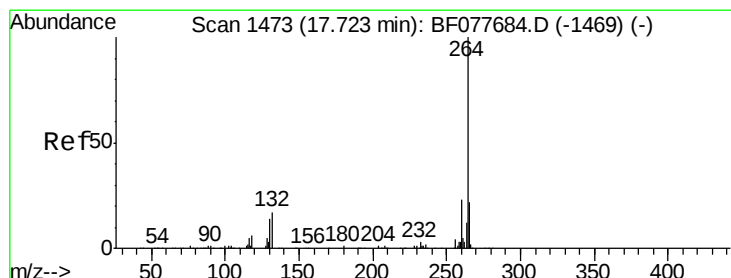
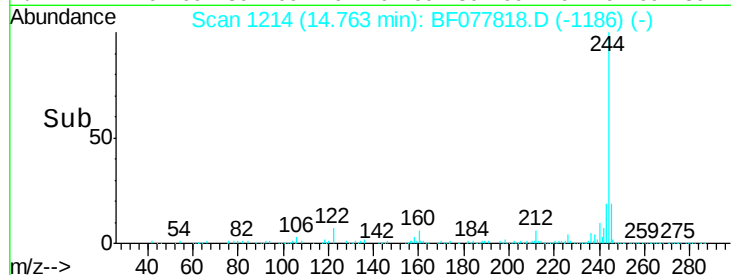
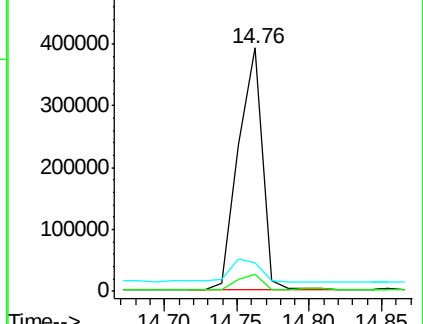
122 11.8 6.2 9.4#



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. 0.01 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

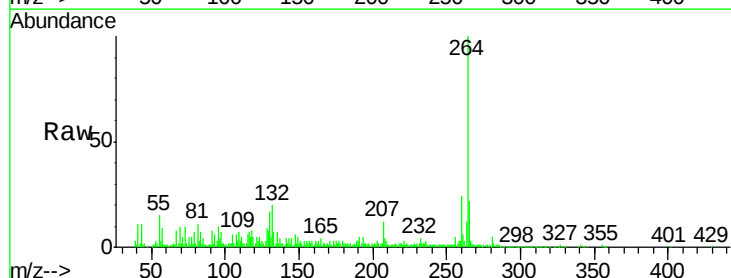
Tgt Ion:264 Resp: 171283

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.2 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

