

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077867.D
 Acq On : 20 Mar 2015 17:04
 Operator : TP/IZ
 Sample : G1604-01
 Misc : W/DOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0121

Quant Time: Mar 21 00:28:04 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 23:52:05 2015
 Response via : Initial Calibration

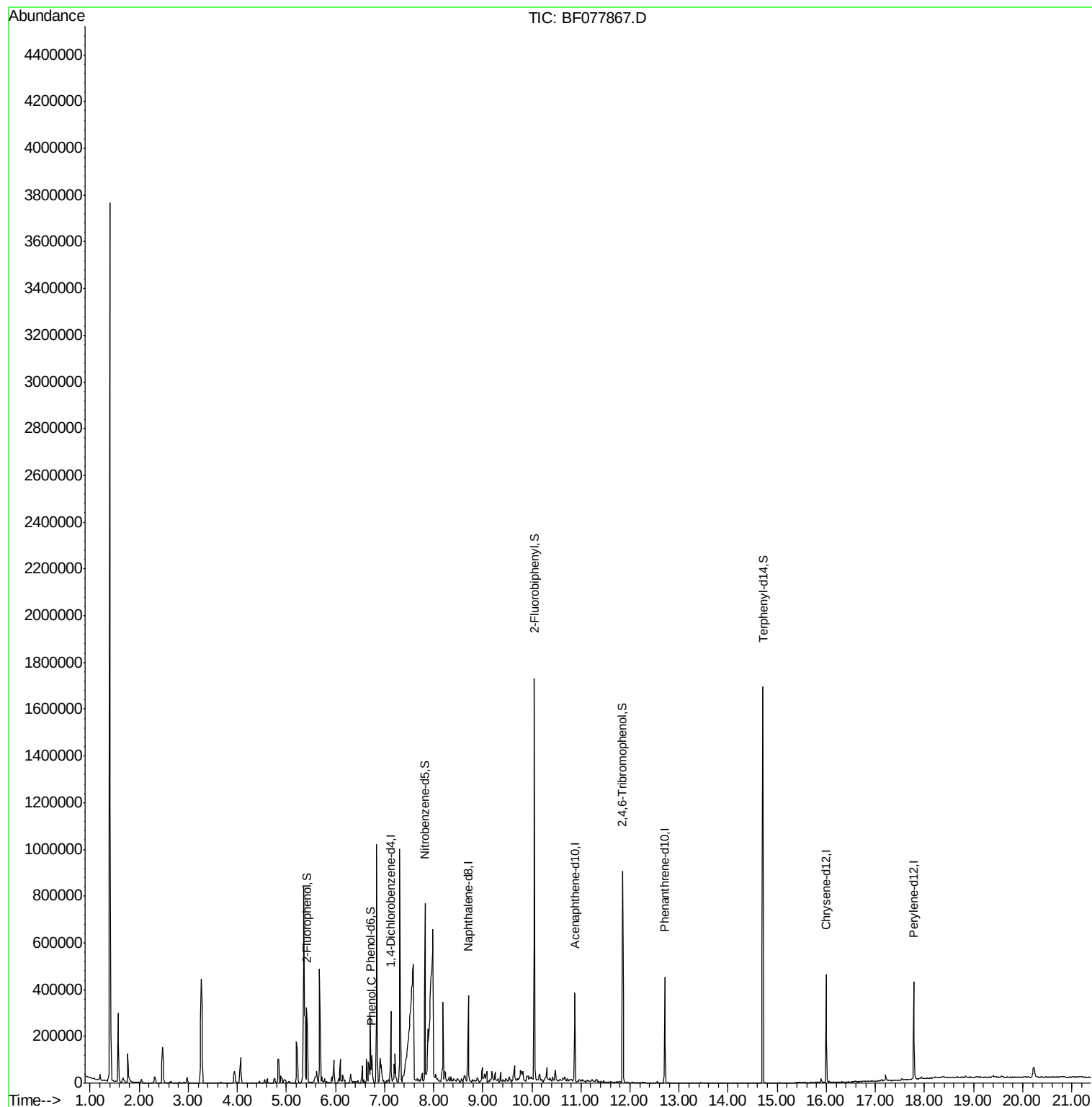
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	47385	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	184656	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	96427	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	187675	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	193974	20.00	ng	-0.01
86) Perylene-d12	17.78	264	184888	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	132052	48.64	ng	0.00
7) Phenol-d6	6.70	99	99424	29.64	ng	0.00
23) Nitrobenzene-d5	7.82	82	269091	95.52	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	113086	122.57	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	570298	86.92	ng	0.00
78) Terphenyl-d14	14.71	244	591587	74.50	ng	0.00
Target Compounds						
10) Phenol	6.73	94	11740	2.96	ng	Qvalue # 75

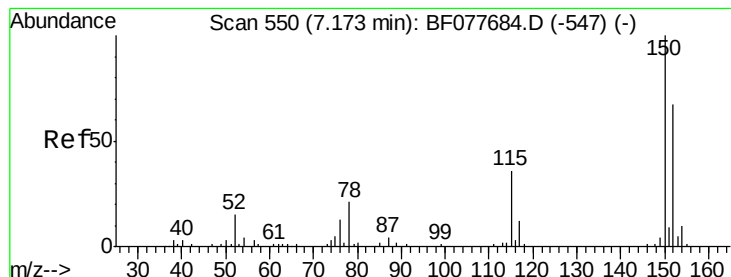
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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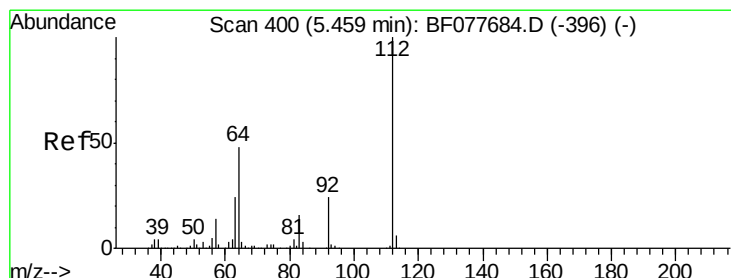
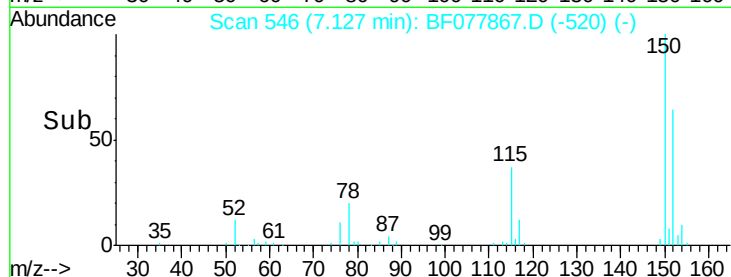
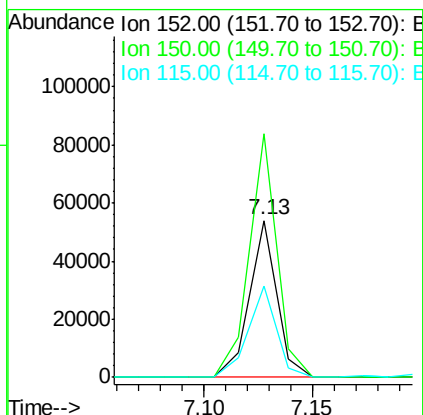
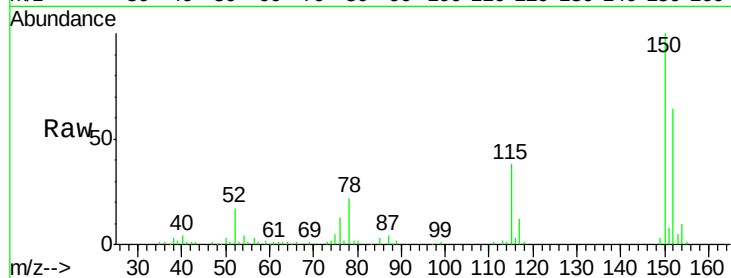


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Instrument :
BNA_F
ClientSampleId :
Z2-0121

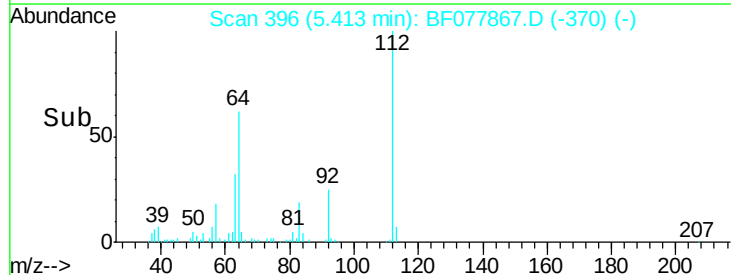
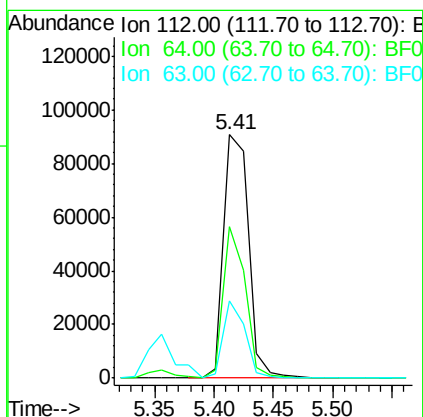
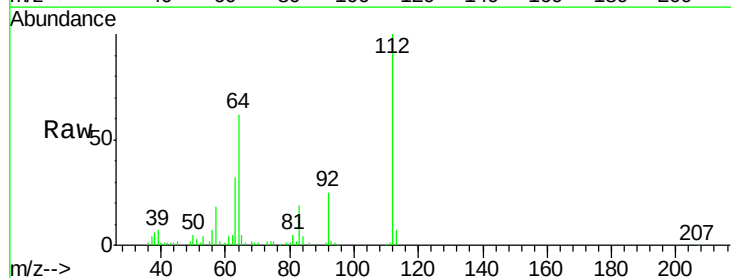
Tot Ion:152 Resp: 47385
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 58.4 43.0 64.4

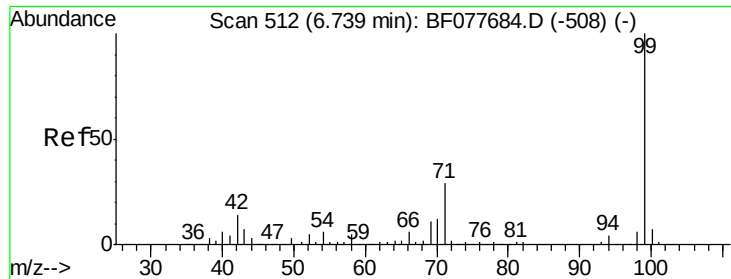


#5

2-Fluorophenol
Concen: 48.64 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Tgt Ion:112 Resp: 132052
Ion Ratio Lower Upper
112 100
64 62.4 38.6 57.8#
63 31.6 19.3 28.9#





#7

Phenol-d6

Concen: 29.64 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampled :

Z2-0121

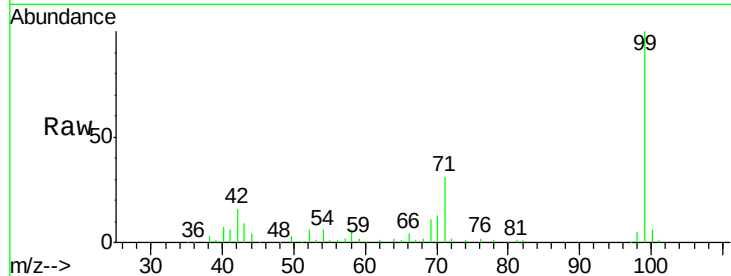
Tot Ion: 99 Resp: 99424

Ion Ratio Lower Upper

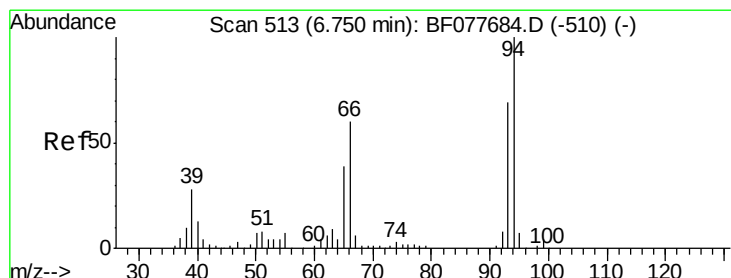
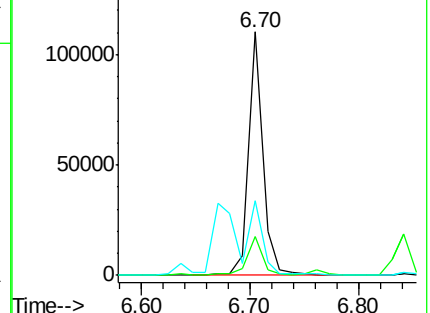
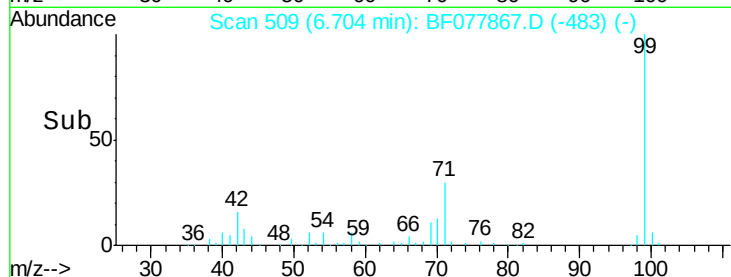
99 100

42 16.1 11.0 16.4

71 30.7 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



#10

Phenol

Concen: 2.96 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

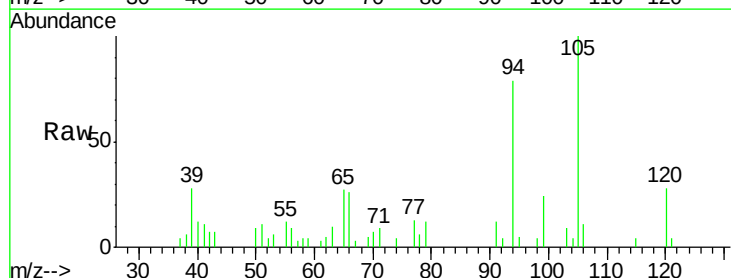
Tgt Ion: 94 Resp: 11740

Ion Ratio Lower Upper

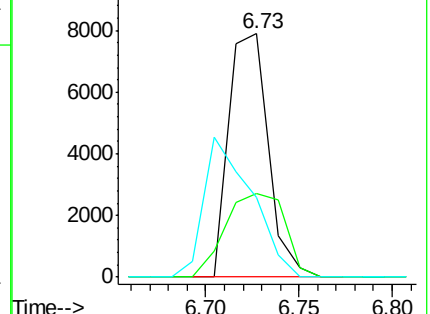
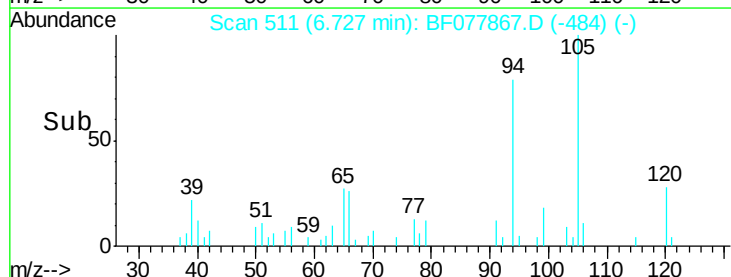
94 100

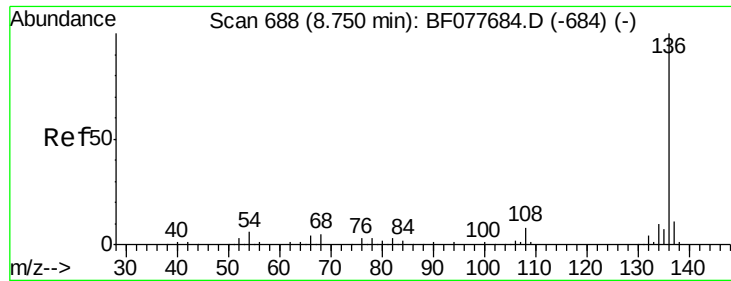
65 34.5 18.8 58.8

66 32.5 39.9 79.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

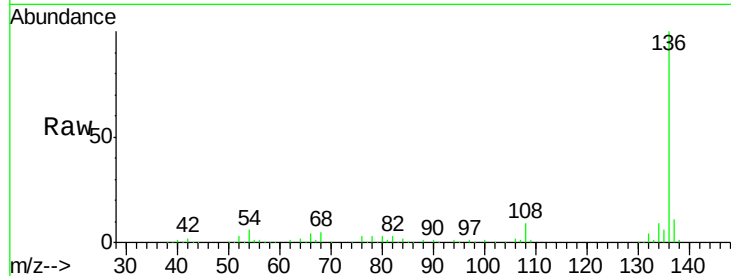




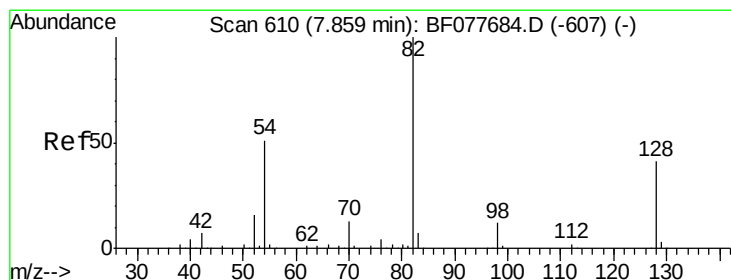
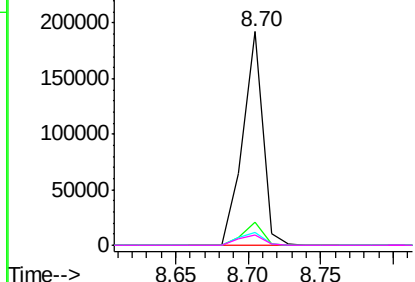
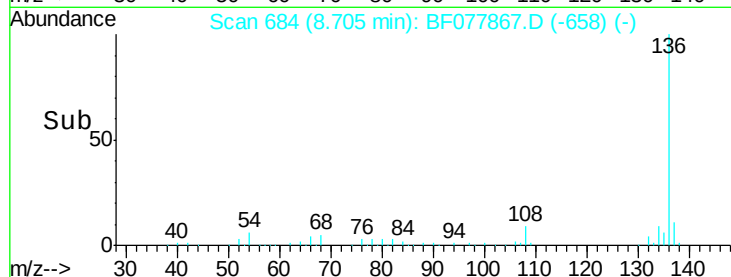
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Instrument :
BNA_F
ClientSampleId :
Z2-0121

Tot Ion:136	Resp:	184656
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.7 13.1
54	6.0	4.6 6.8
68	5.1	3.7 5.5

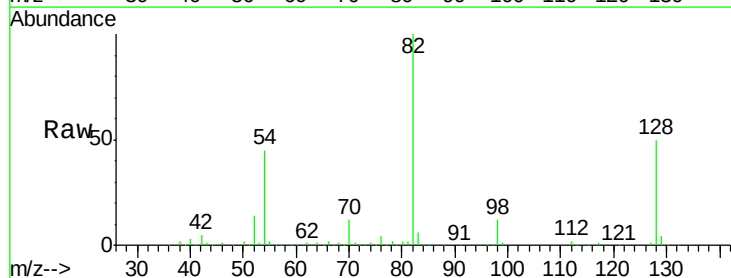


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

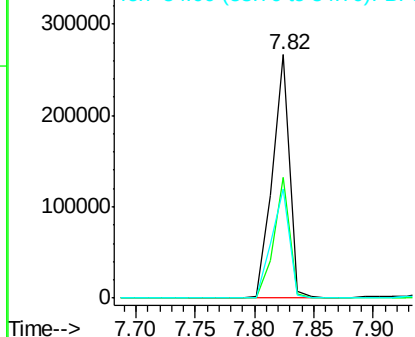
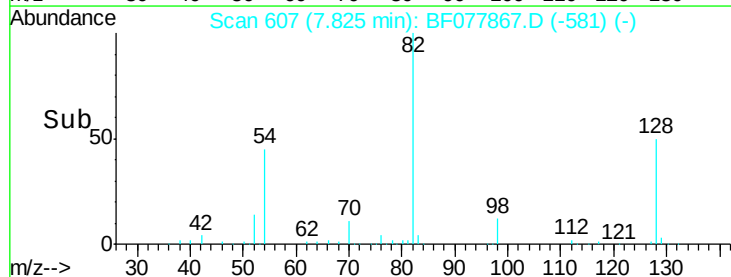


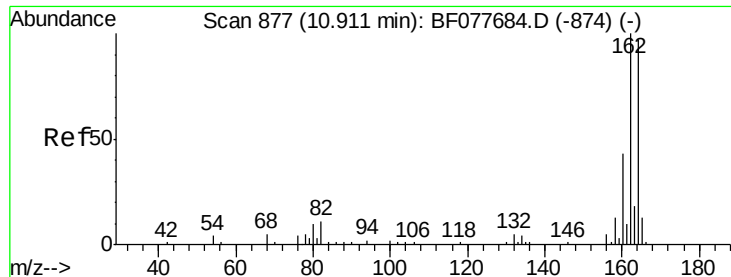
#23
Nitrobenzene-d5
Concen: 95.52 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Tgt Ion: 82	Resp:	269091
Ion	Ratio	Lower Upper
82	100	
128	49.6	32.8 49.2#
54	44.9	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: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

Z2-0121

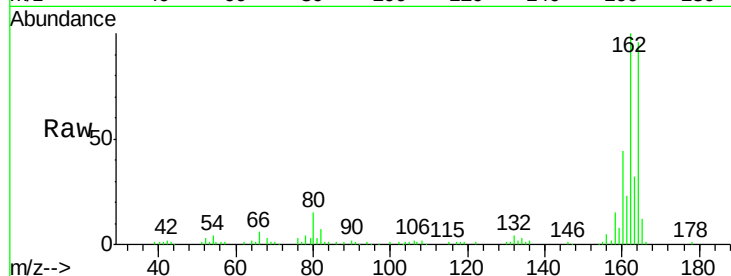
Tot Ion:164 Resp: 96427

Ion Ratio Lower Upper

164 100

162 104.2 82.4 123.6

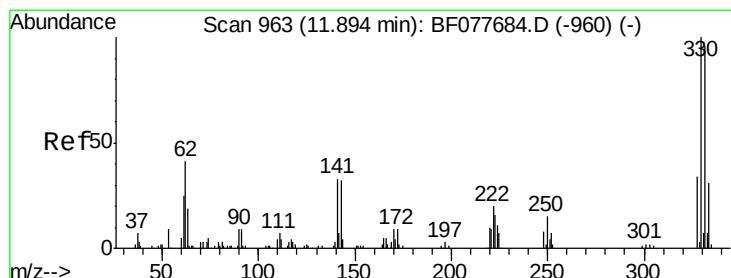
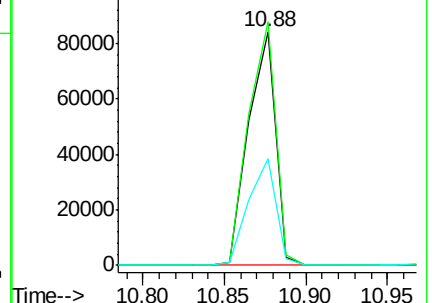
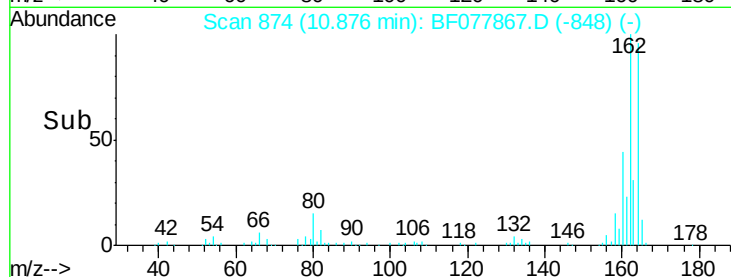
160 45.7 35.8 53.6



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: 122.57 ng

RT: 11.85 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

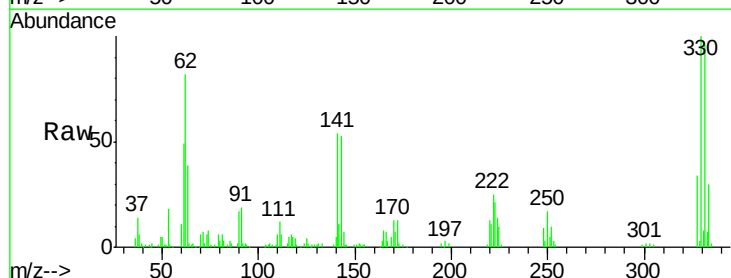
Tgt Ion:330 Resp: 113086

Ion Ratio Lower Upper

330 100

332 97.9 0.0 0.0#

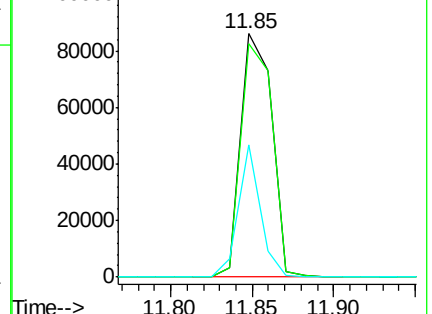
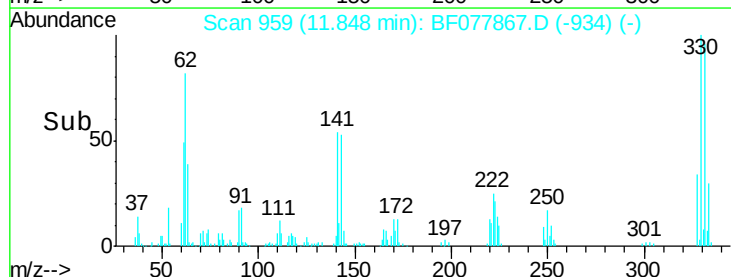
141 38.0 0.0 0.0#

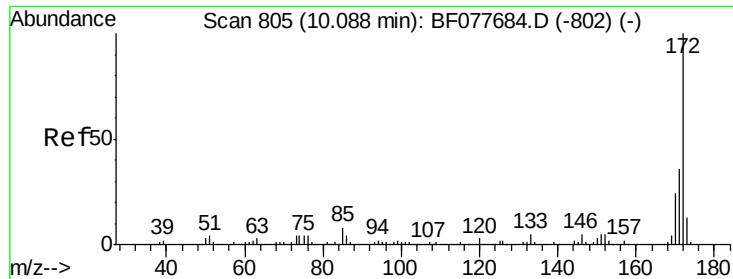


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

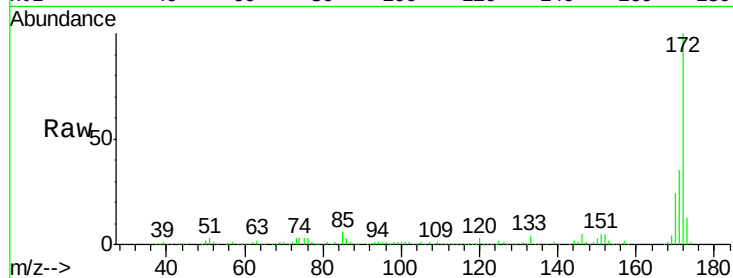




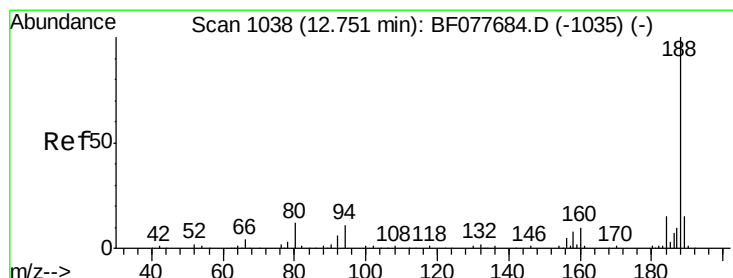
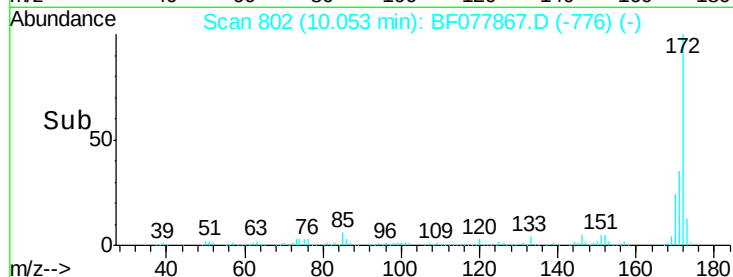
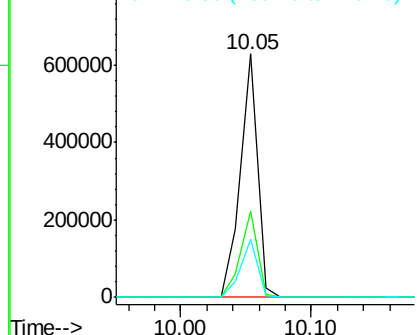
#44
 2-Fluorobiphenyl
 Concen: 86.92 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077867.D
 Acq: 20 Mar 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0121

Tot Ion:172 Resp: 570298
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.7 18.8 28.2

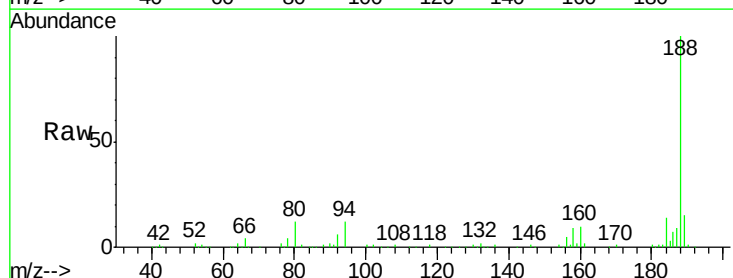


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

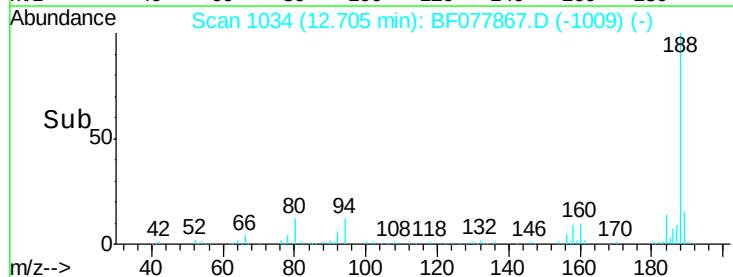
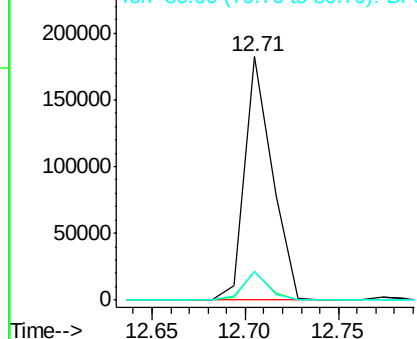


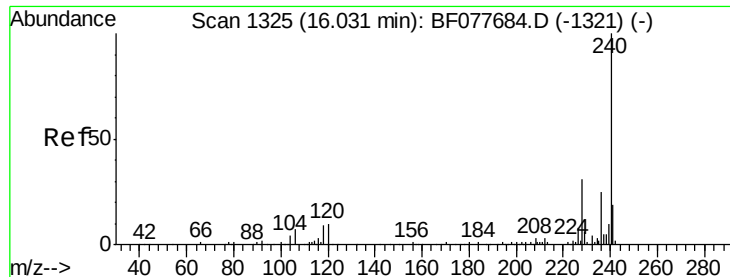
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF077867.D
 Acq: 20 Mar 2015 17:04

Tgt Ion:188 Resp: 187675
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.7 13.1
 80 11.9 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: 16.00 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

Z2-0121

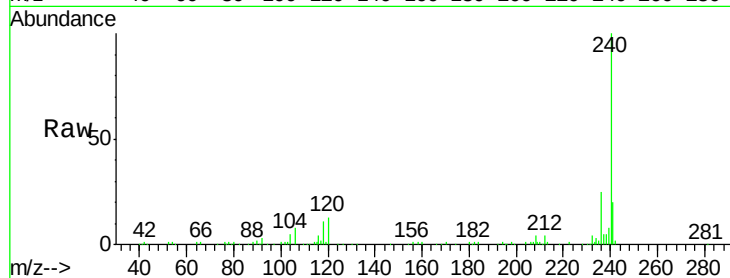
Tot Ion:240 Resp: 193974

Ion Ratio Lower Upper

240 100

120 12.8 8.2 12.2#

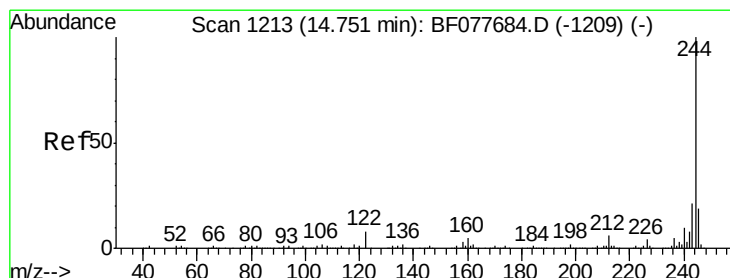
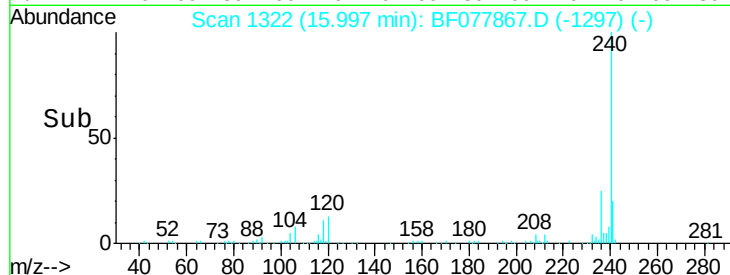
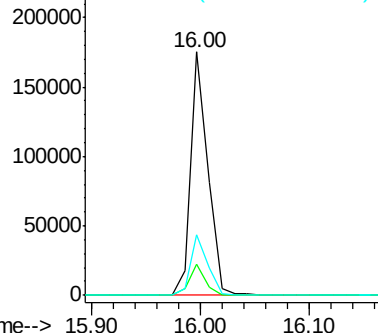
236 25.1 20.0 30.0



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: 74.50 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077867.D

Acq: 20 Mar 2015 17:04

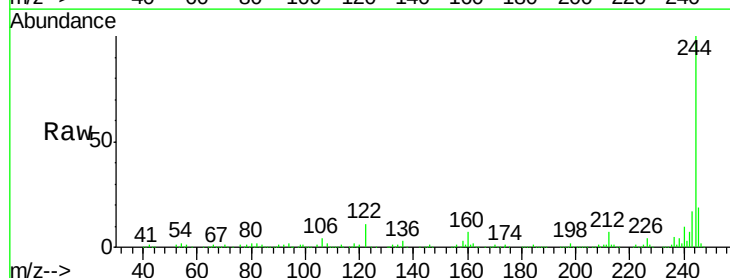
Tgt Ion:244 Resp: 591587

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

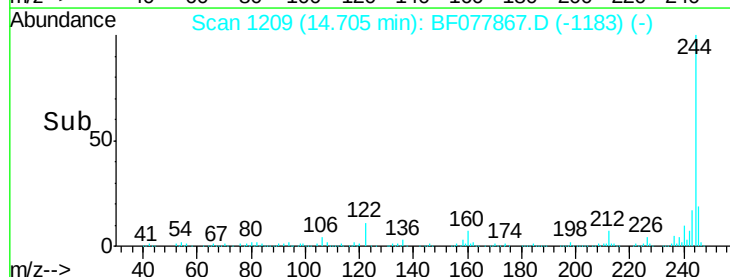
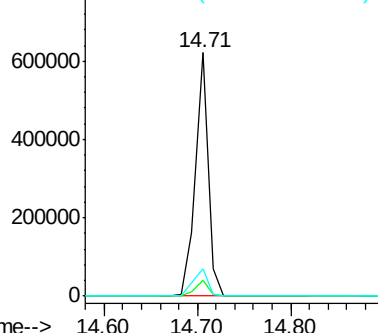
122 11.1 6.2 9.4#

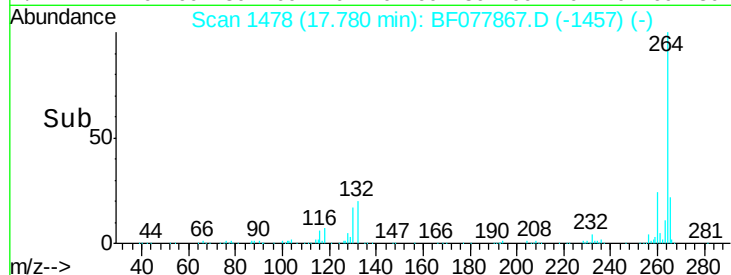
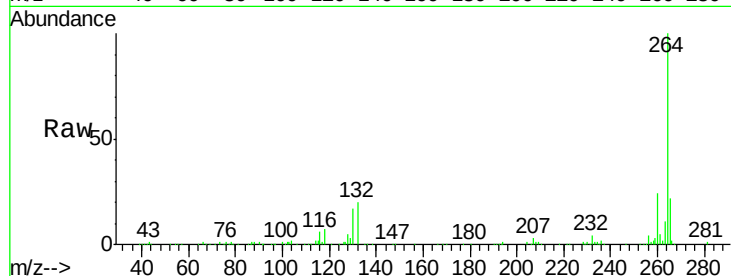
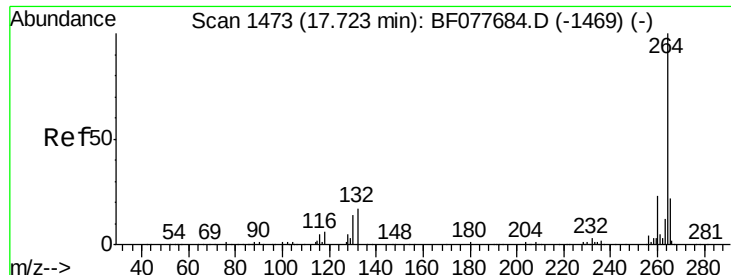


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1478
Delta R.T. -0.06 min
Lab File: BF077867.D
Acq: 20 Mar 2015 17:04

Instrument :
BNA_F
ClientSampleId :
Z2-0121

Tot Ion:	264	Resp:	184888
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	27.8
265	21.7	17.3	25.9

