

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077960.D
 Acq On : 25 Mar 2015 19:25
 Operator : TP/IZ
 Sample : G1612-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Mar 26 04:00:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

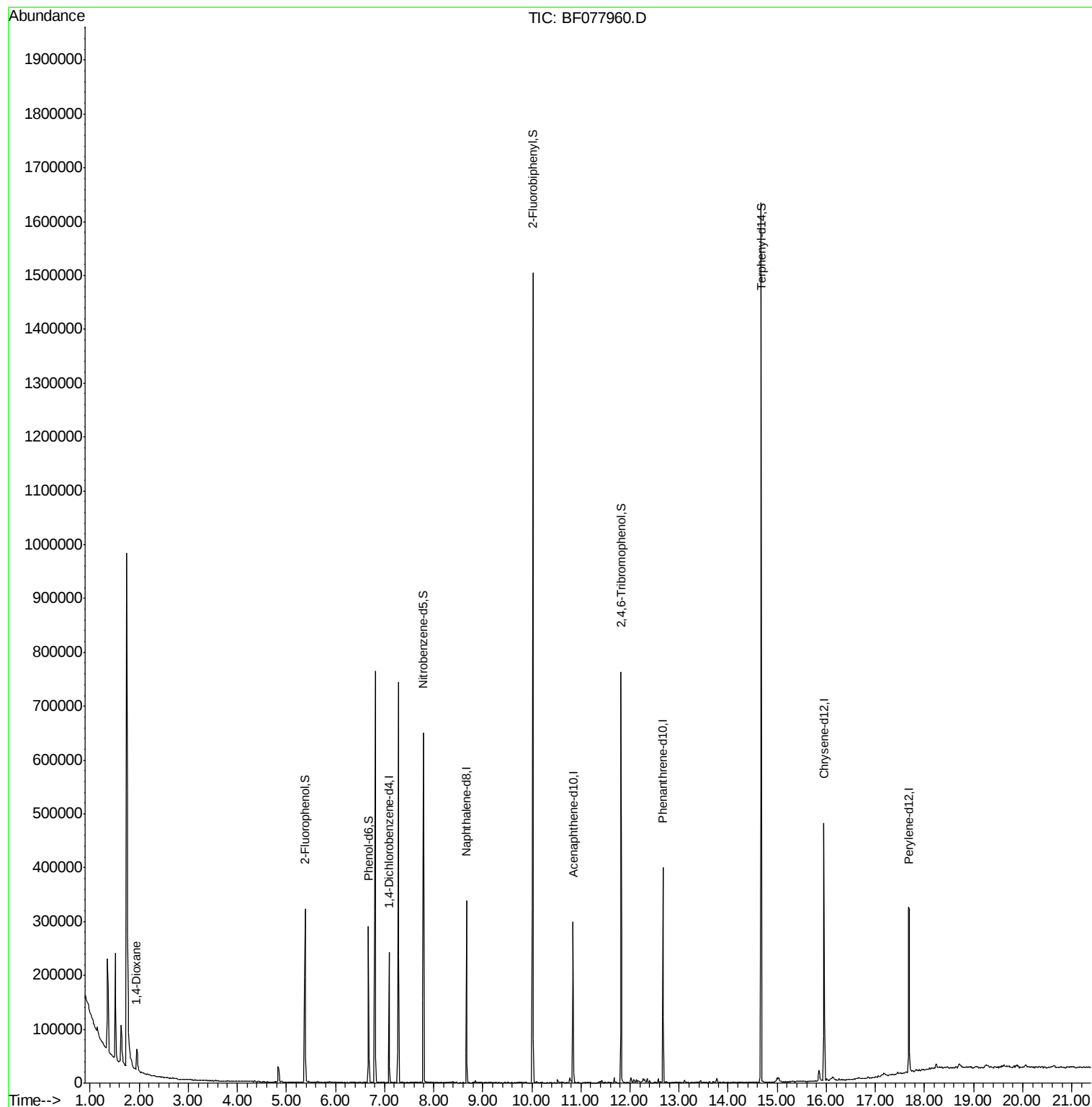
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	37619	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	153578	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	79053	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	161296	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	181086	20.00	ng	-0.02
86) Perylene-d12	17.69	264	175489	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	124032	57.55	ng	0.00
7) Phenol-d6	6.67	99	103092	38.72	ng	0.00
23) Nitrobenzene-d5	7.79	82	206219	88.02	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	94674	125.17	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	468917	87.17	ng	0.00
78) Terphenyl-d14	14.67	244	575837	77.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.95	88	24225	24.76	ng	Qvalue # 100

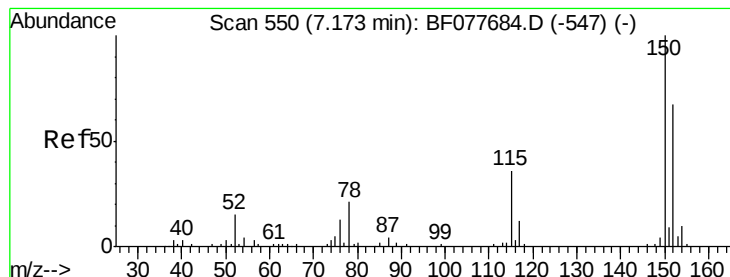
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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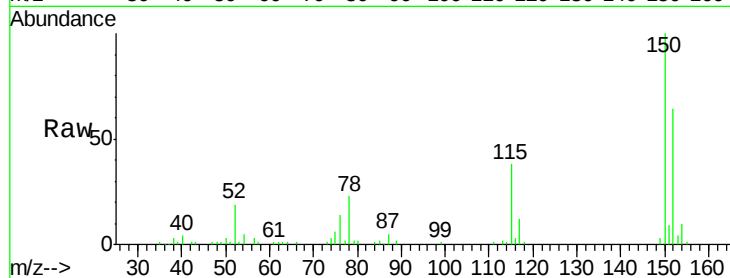


#1

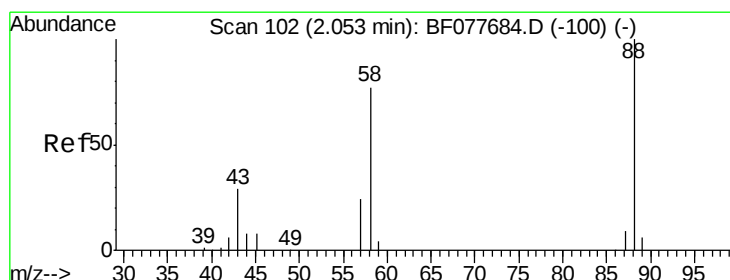
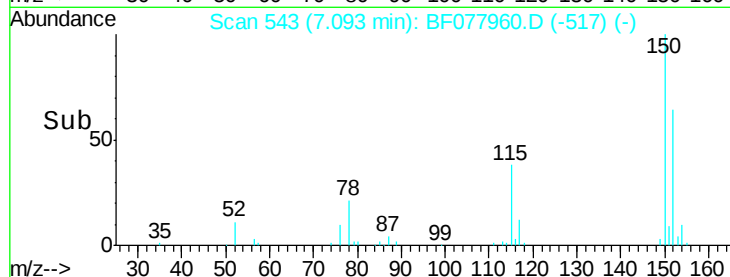
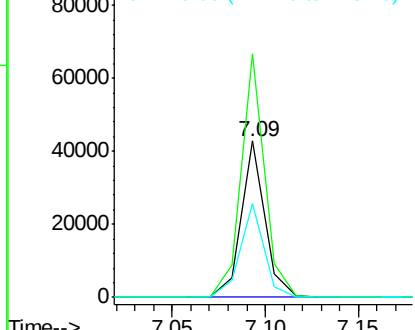
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:152 Resp: 37619
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 60.0 43.0 64.4



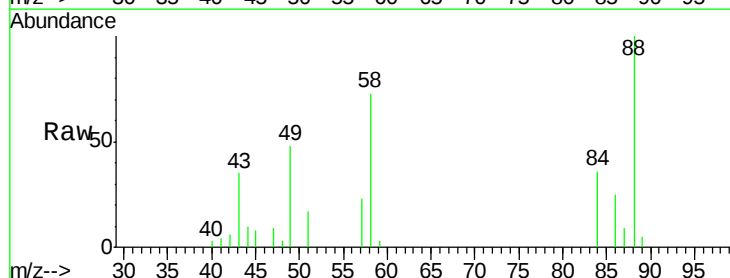
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



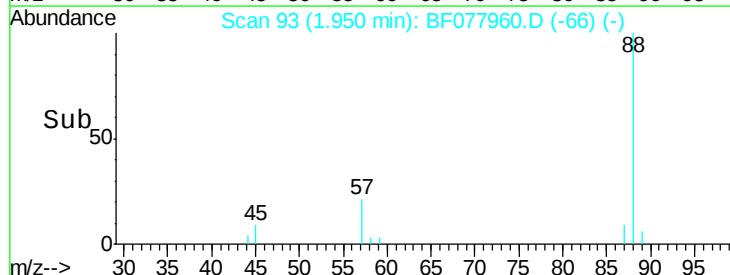
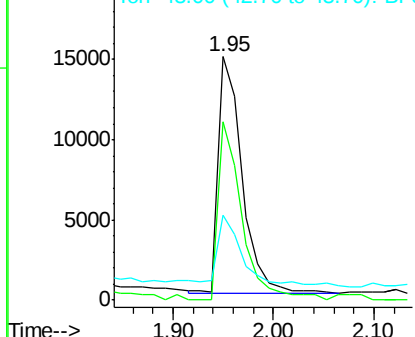
#2

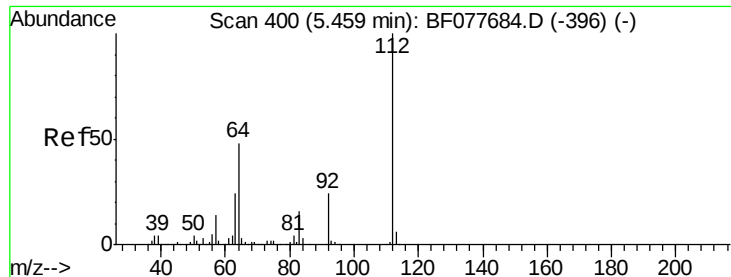
1,4-Dioxane
Concen: 24.76 ng
RT: 1.95 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

Tgt Ion: 88 Resp: 24225
Ion Ratio Lower Upper
88 100
58 75.1 0.0 0.0#
43 34.3 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 57.55 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

Instrument :

BNA_F

ClientSampled :

DUP-1

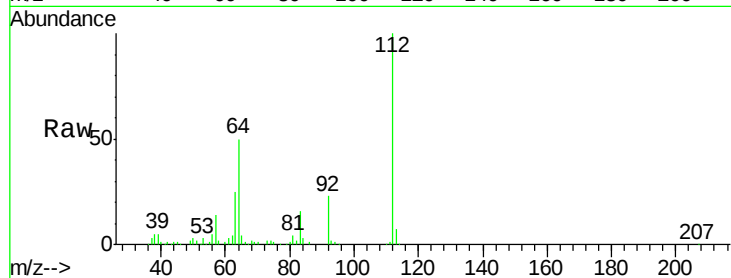
Tot Ion:112 Resp: 124032

Ion Ratio Lower Upper

112 100

64 50.1 38.6 57.8

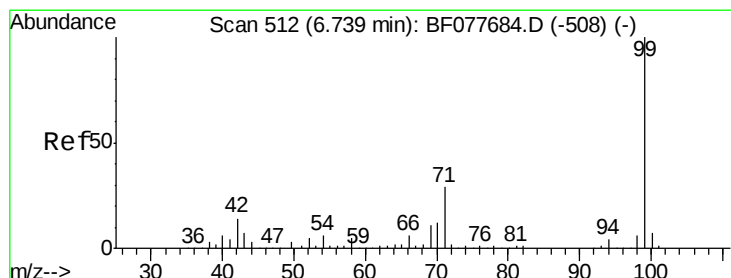
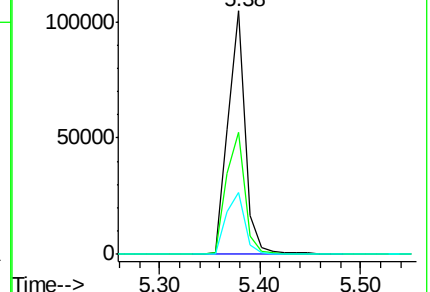
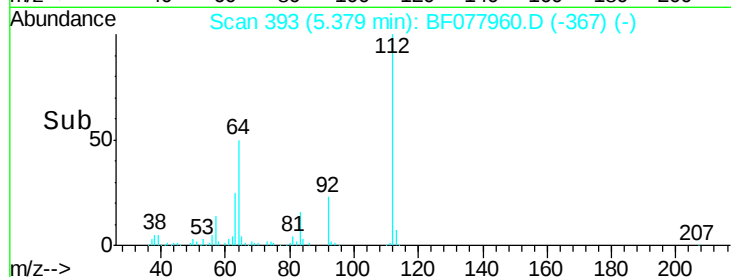
63 25.3 19.3 28.9



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: 38.72 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

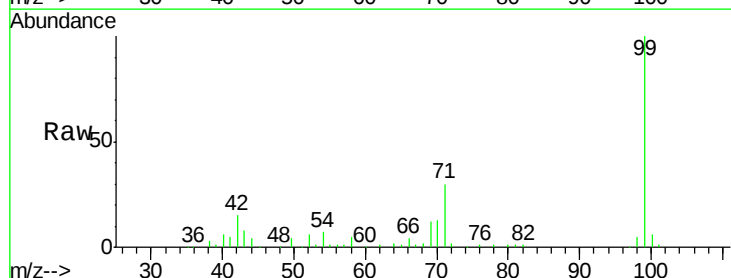
Tgt Ion: 99 Resp: 103092

Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

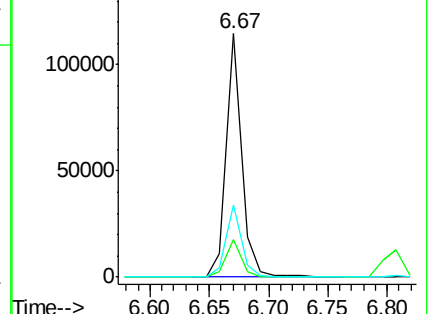
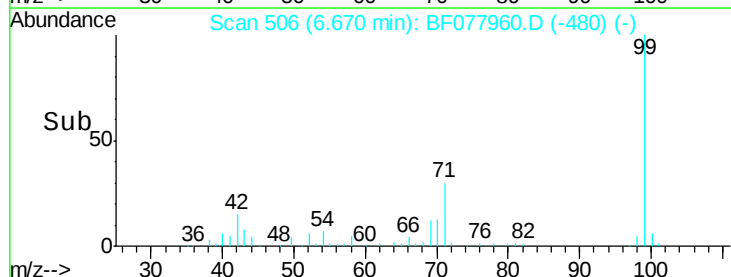
71 29.8 23.4 35.2

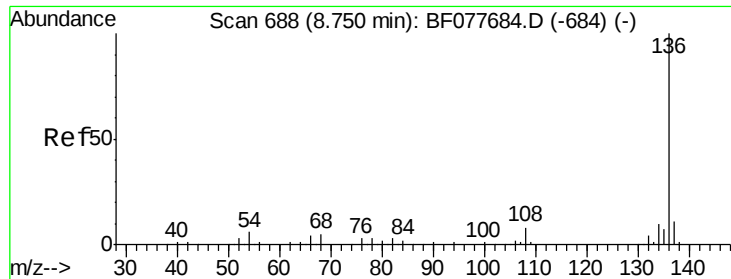


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

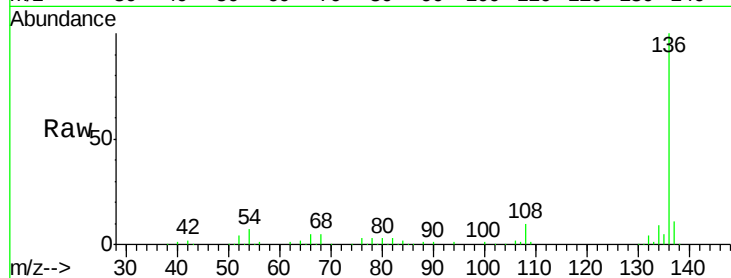




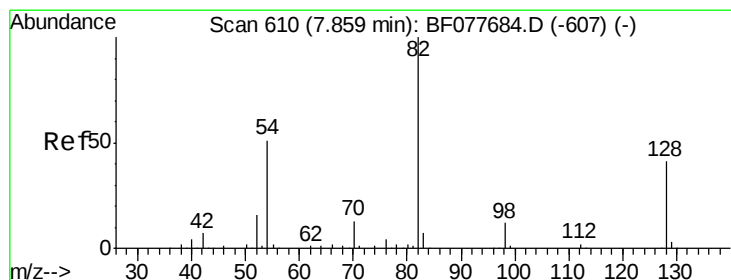
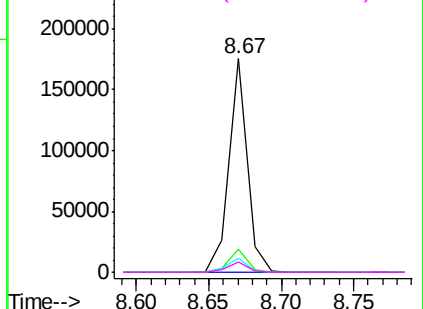
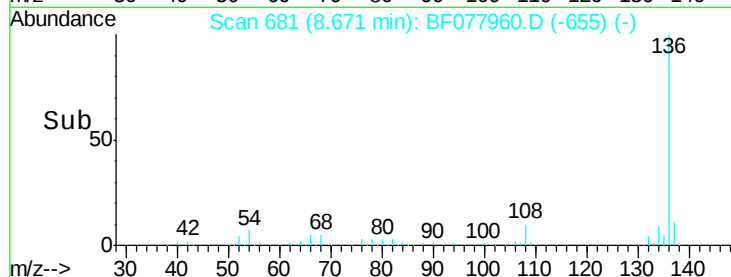
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:136	Resp:	153578
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	6.8	4.6 6.8
68	5.1	3.7 5.5

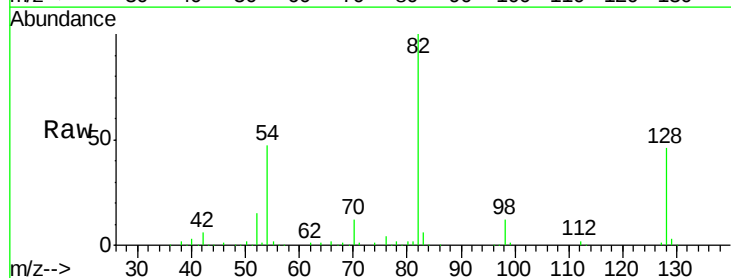


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

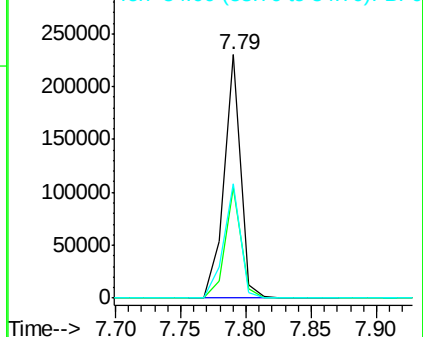
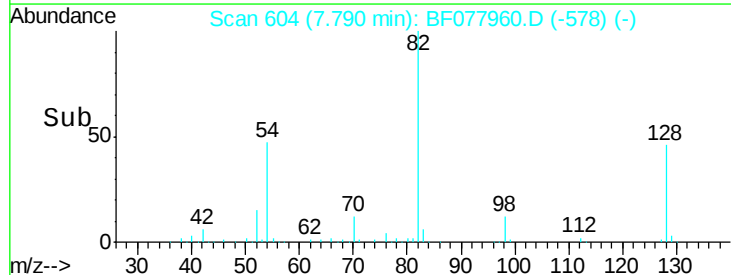


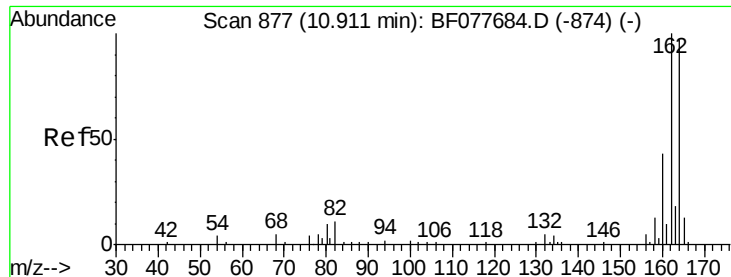
#23
Nitrobenzene-d5
Concen: 88.02 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

Tgt Ion: 82	Resp:	206219
Ion	Ratio	Lower Upper
82	100	
128	45.6	32.8 49.2
54	46.7	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: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

Instrument :

BNA_F

ClientSampleId :

DUP-1

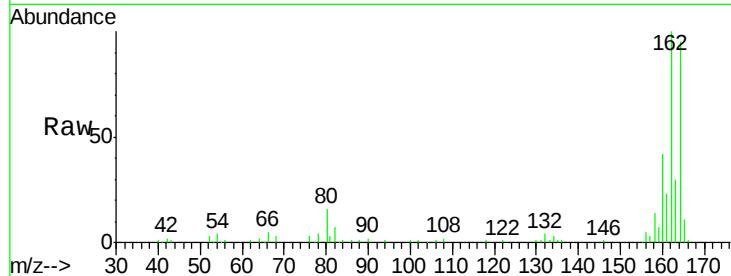
Tot Ion:164 Resp: 79053

Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

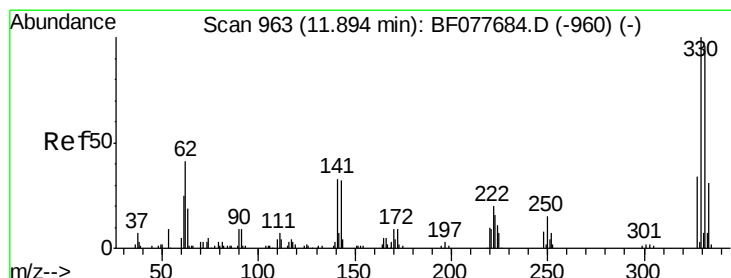
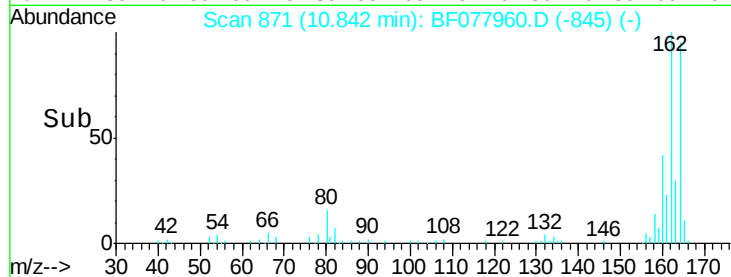
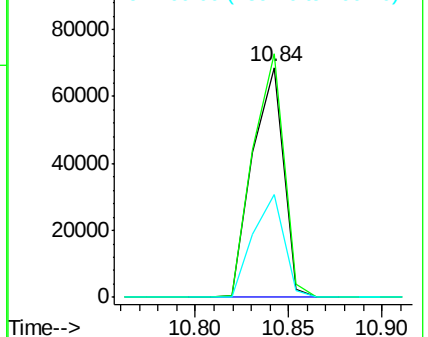
160 44.6 35.8 53.6



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: 125.17 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

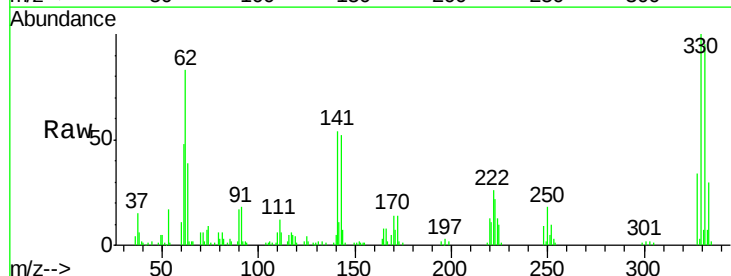
Tgt Ion:330 Resp: 94674

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

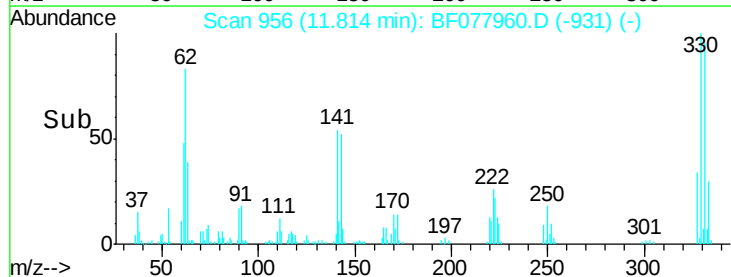
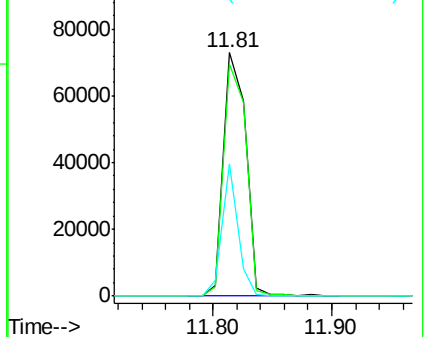
141 38.4 0.0 0.0#

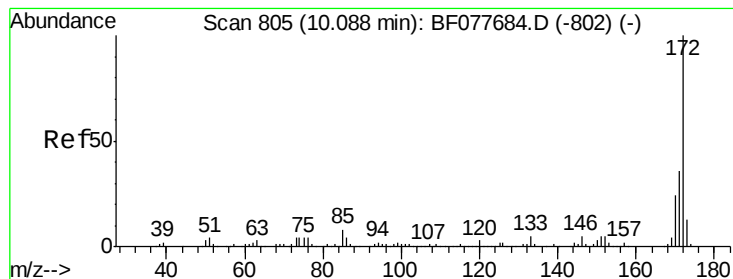


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.17 ng

RT: 10.02 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

Instrument :

BNA_F

ClientSampleId :

DUP-1

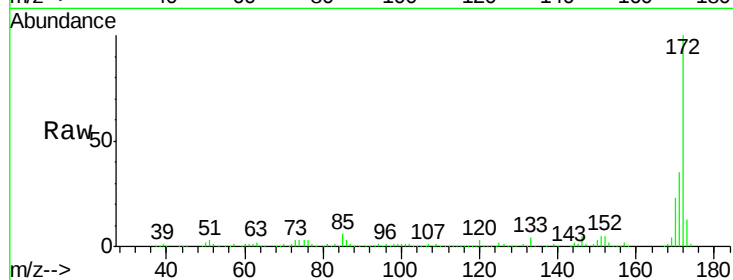
Tot Ion:172 Resp: 468917

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

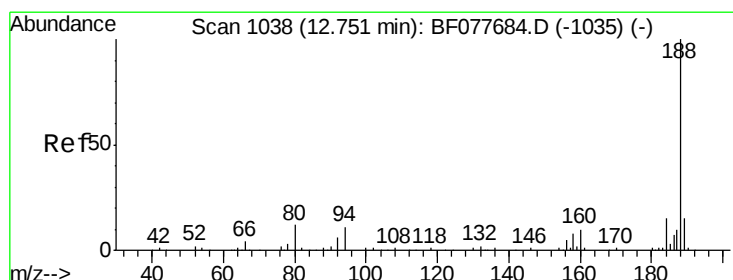
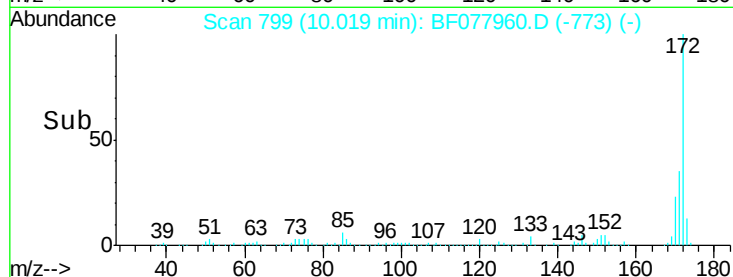
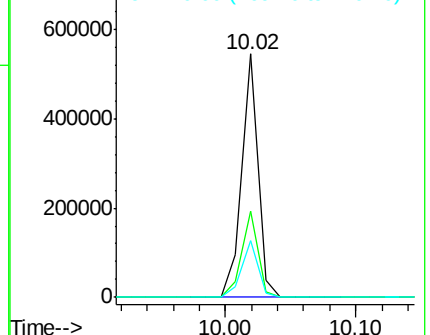
170 23.4 18.8 28.2



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: 12.67 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

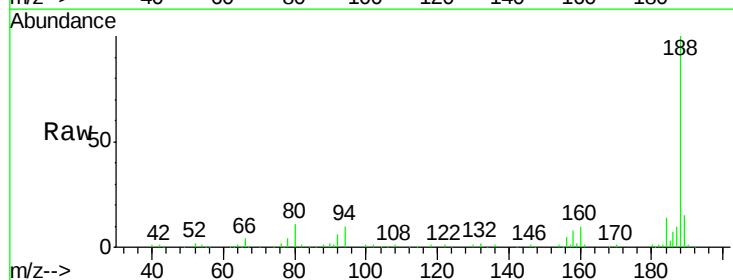
Tgt Ion:188 Resp: 161296

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

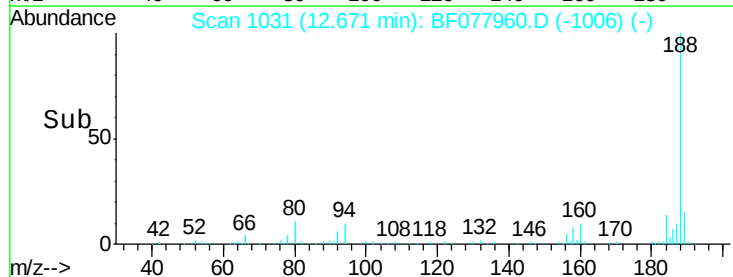
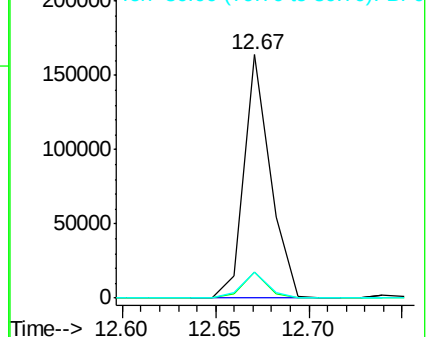
80 10.9 9.3 13.9

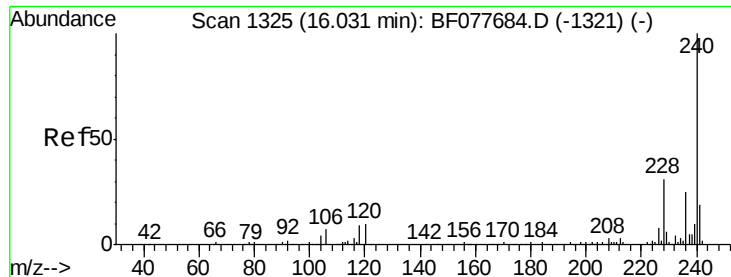


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

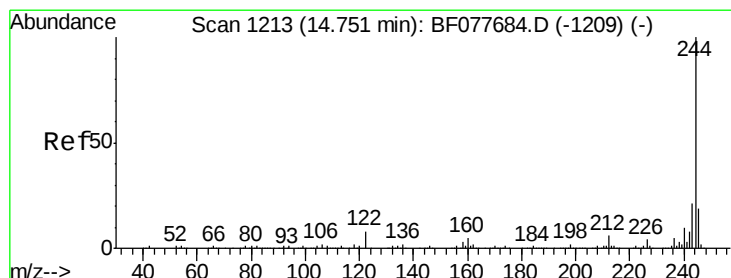
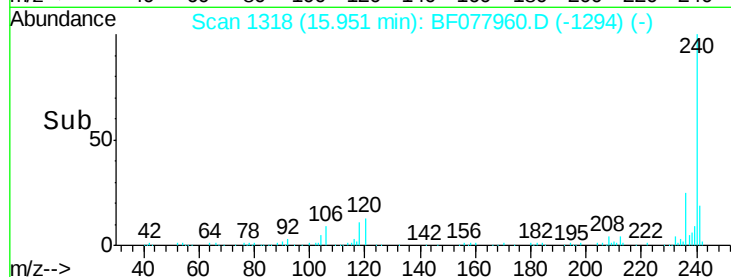
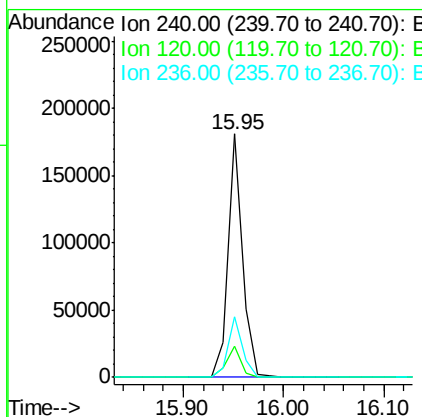
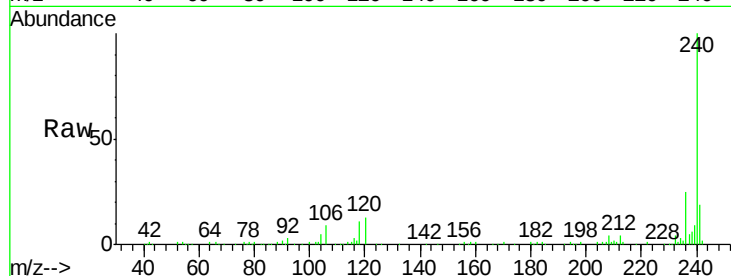




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF077960.D
 Acq: 25 Mar 2015 19:25

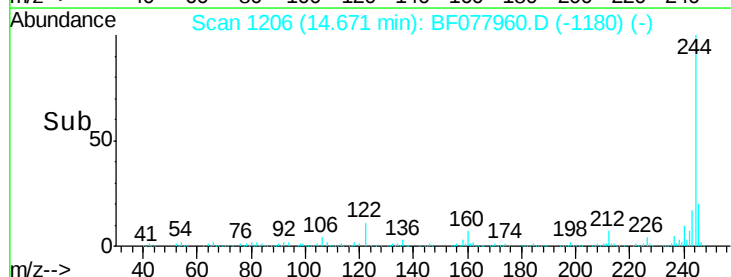
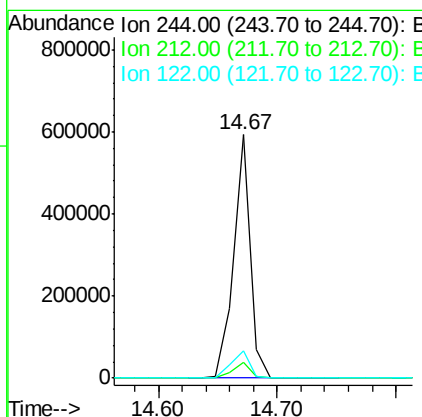
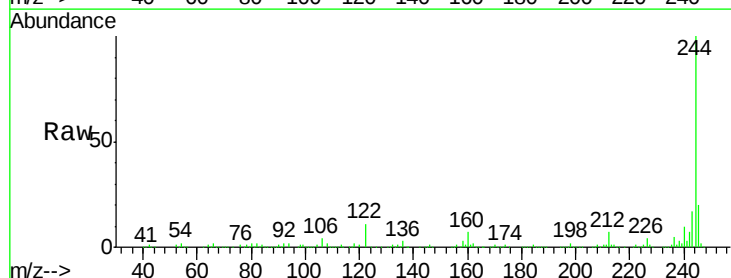
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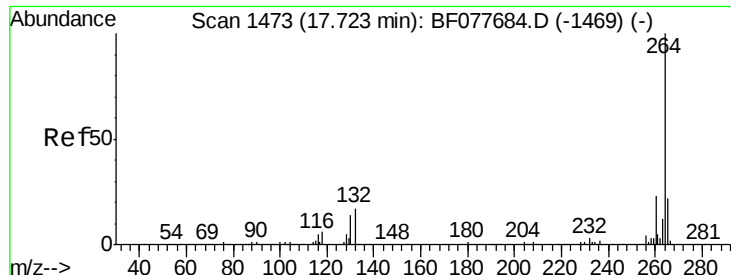
Tot Ion:240 Resp: 181086
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.2 12.2#
 236 24.8 20.0 30.0



#78
 Terphenyl-d14
 Concen: 77.67 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077960.D
 Acq: 25 Mar 2015 19:25

Tgt Ion:244 Resp: 575837
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 11.4 6.2 9.4#

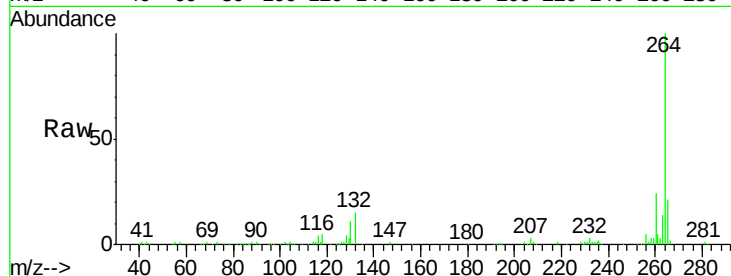




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1470
 Delta R.T. -0.06 min
 Lab File: BF077960.D
 Acq: 25 Mar 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tot Ion: 264 Resp: 175489
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 21.3 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

