

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082538.D
 Acq On : 27 Oct 2015 8:28
 Operator : UM/IZ
 Sample : G4116-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Quant Time: Oct 27 10:12:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

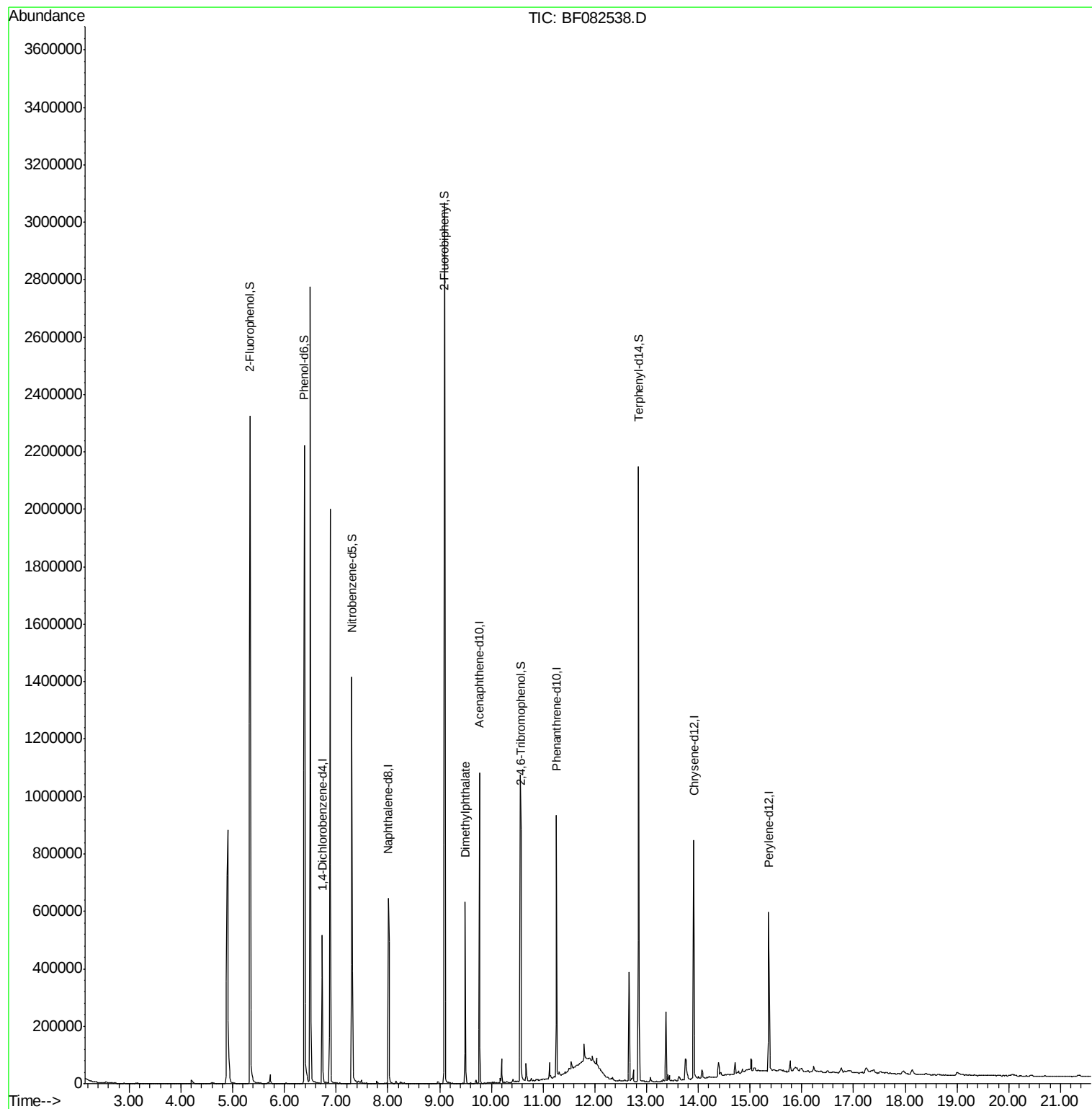
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115589	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	421971	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	213939	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	340970	20.00	ng	0.00
75) Chrysene-d12	13.91	240	295883	20.00	ng	0.00
86) Perylene-d12	15.36	264	257214	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	784162	133.92	ng	0.02
7) Phenol-d6	6.39	99	922595	120.89	ng	0.01
23) Nitrobenzene-d5	7.30	82	559027	85.47	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	177649	110.89	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	992710	73.79	ng	0.00
78) Terphenyl-d14	12.85	244	658670	64.13	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	260183	17.48	ng	99

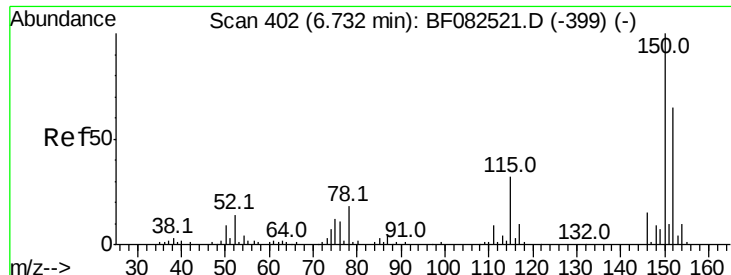
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 02:43:58 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

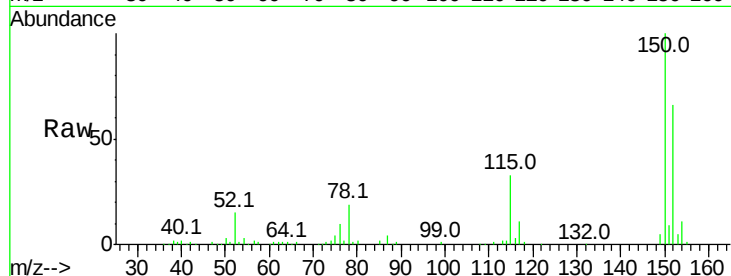
Tot Ion:152 Resp: 115589

Ion Ratio Lower Upper

152 100

150 152.6 123.4 185.0

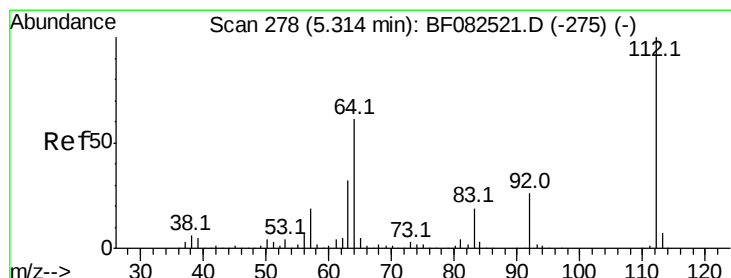
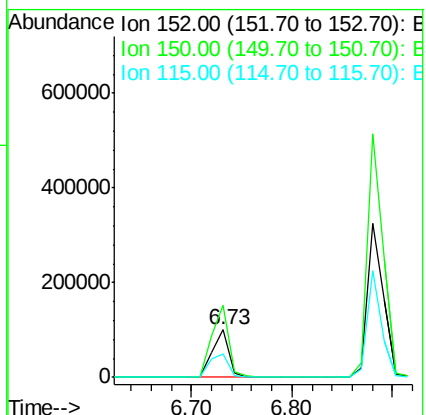
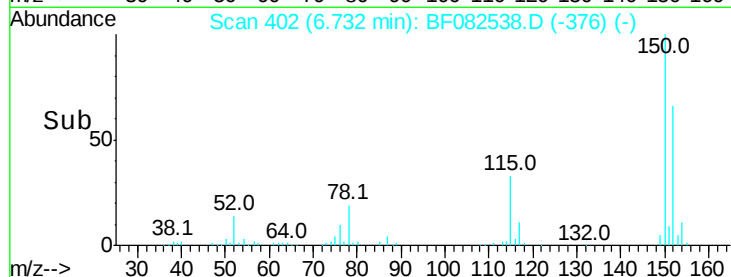
115 49.7 39.0 58.4



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: 133.92 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

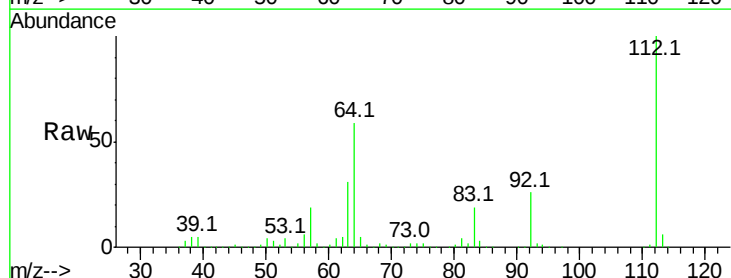
Tgt Ion:112 Resp: 784162

Ion Ratio Lower Upper

112 100

64 58.7 49.0 73.4

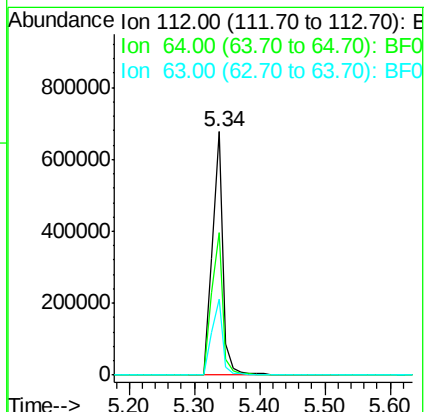
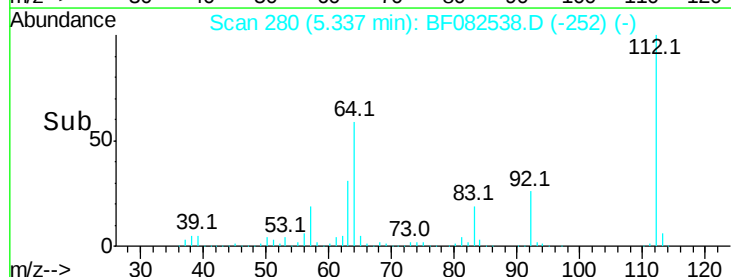
63 31.3 25.8 38.6

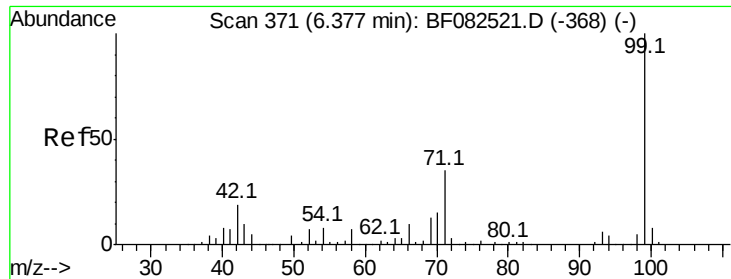


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.89 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

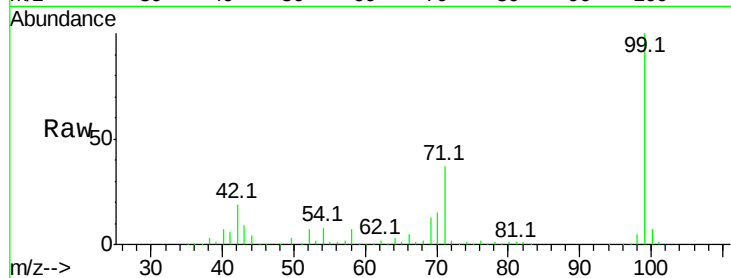
Tot Ion: 99 Resp: 922595

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

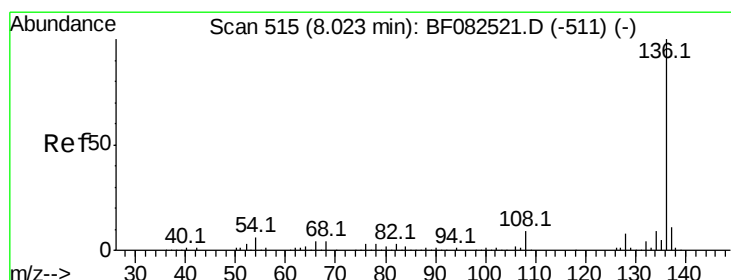
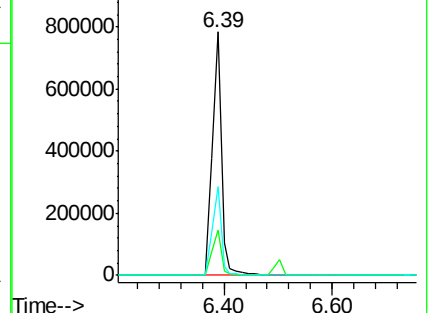
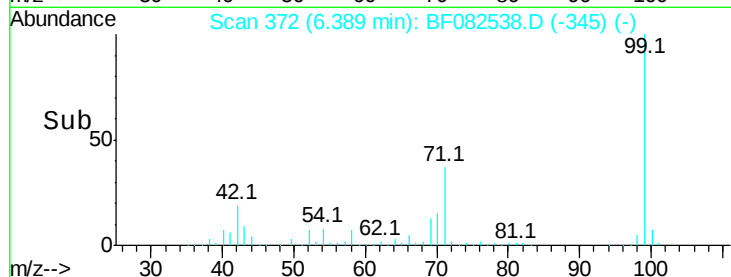
71 36.5 28.2 42.2



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: 8.01 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Tgt Ion: 136 Resp: 421971

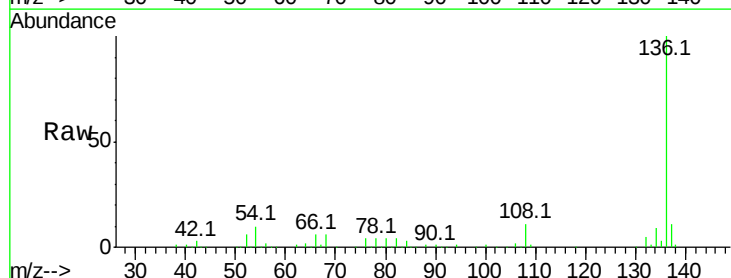
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.5 4.6 7.0#

68 6.3 3.2 4.8#

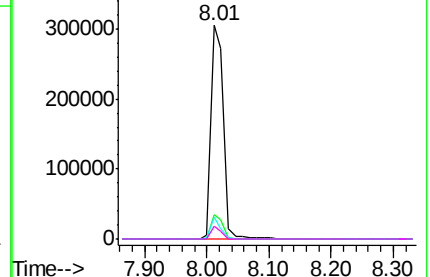
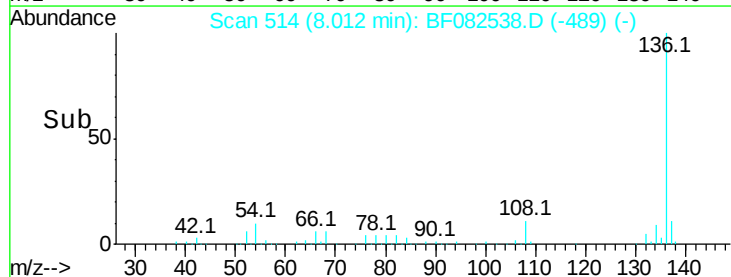


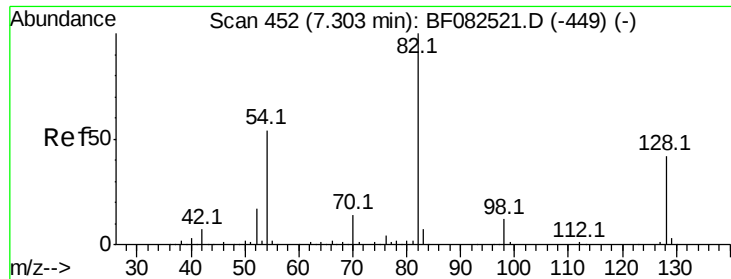
Abundance Ion 136.00 (135.70 to 136.70): E

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

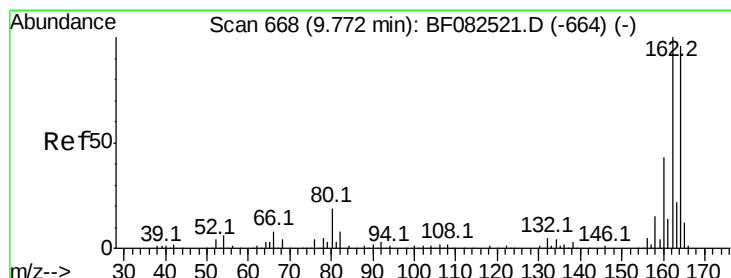
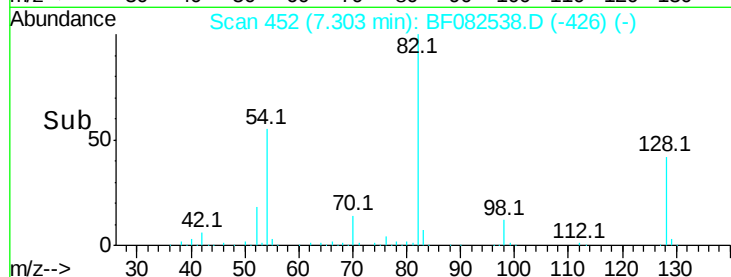
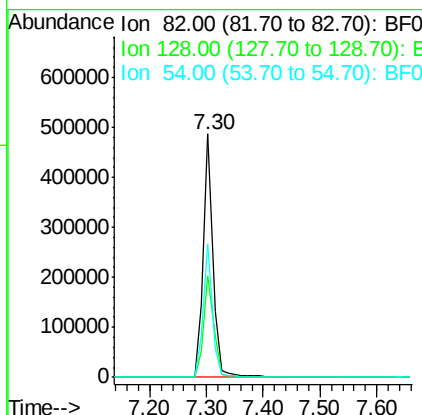
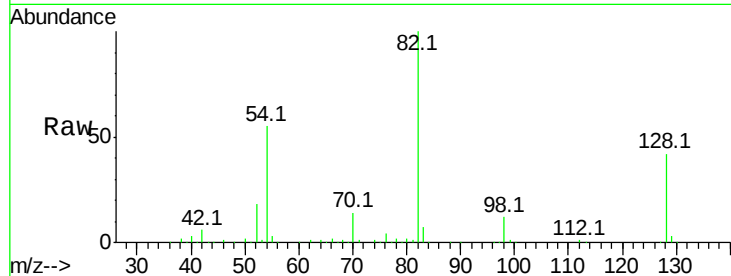




#23
Nitrobenzene-d5
Concen: 85.47 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

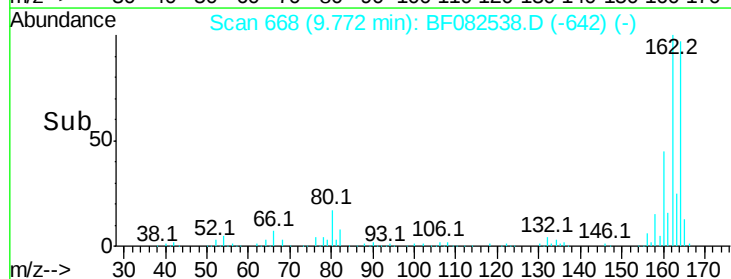
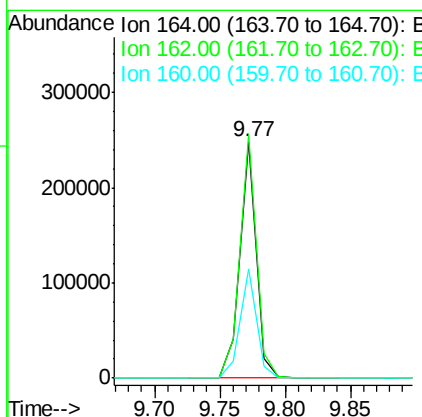
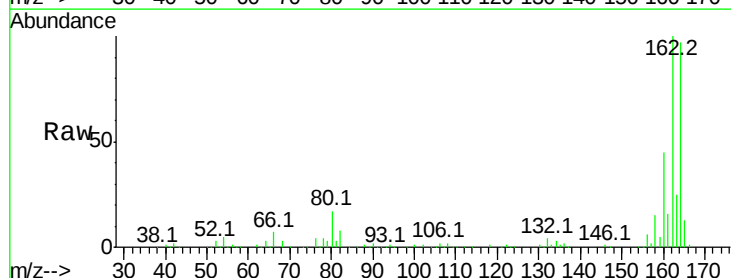
Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

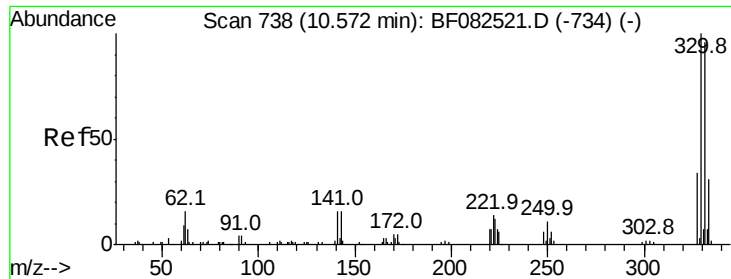
Tot Ion	82	Resp	559027
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	54.7	43.5	65.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

Tgt Ion	164	Resp	213939
Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.6	125.4
160	46.1	36.0	54.0

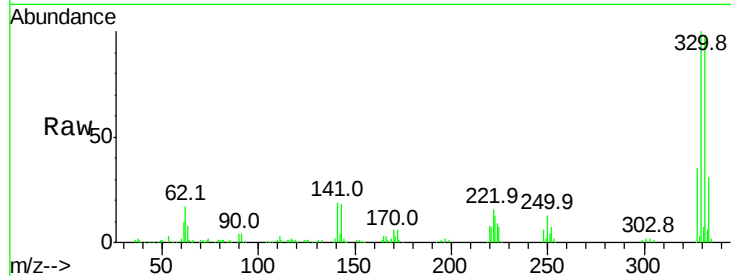




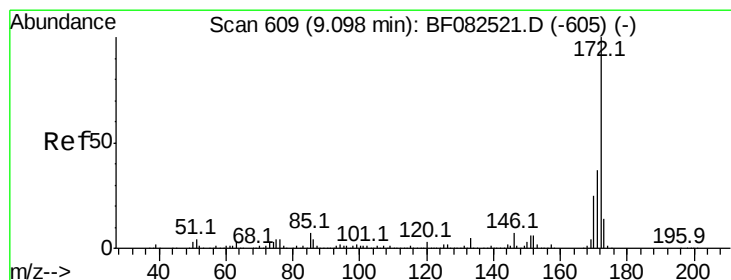
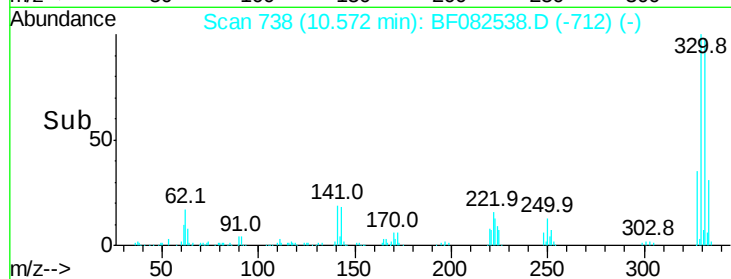
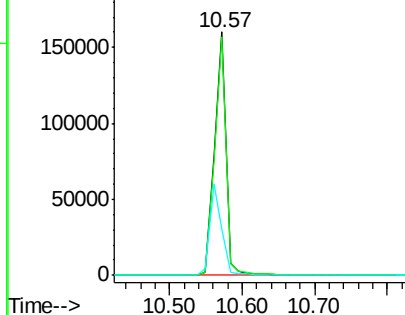
#41
 2,4,6-Tribromophenol
 Concen: 110.89 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082538.D
 Acq: 27 Oct 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Tot Ion:330 Resp: 177649
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 38.8 32.5 48.7

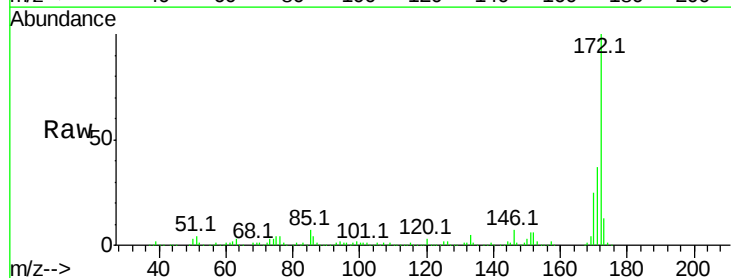


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

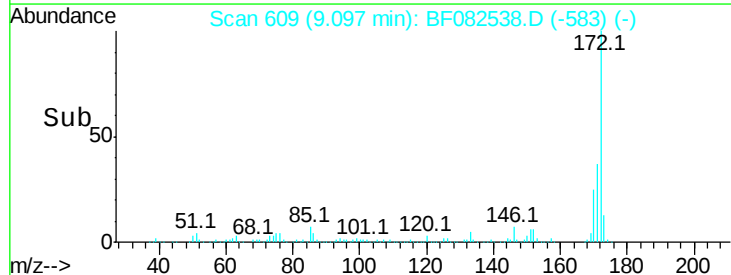
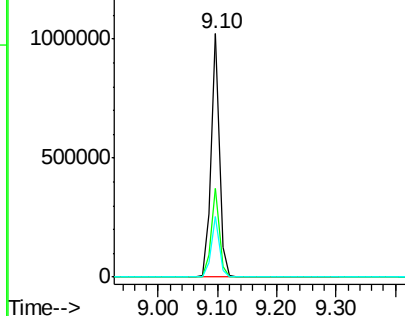


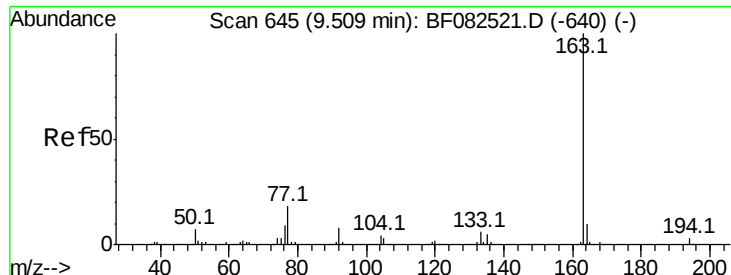
#44
 2-Fluorobiphenyl
 Concen: 73.79 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082538.D
 Acq: 27 Oct 2015 8:28

Tgt Ion:172 Resp: 992710
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.9 19.8 29.6



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





#49

Dimethylphthalate

Concen: 17.48 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

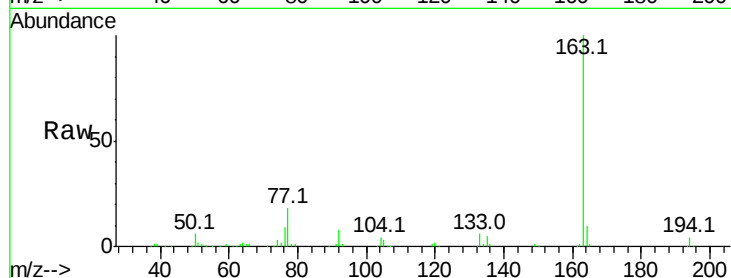
Tot Ion:163 Resp: 260183

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

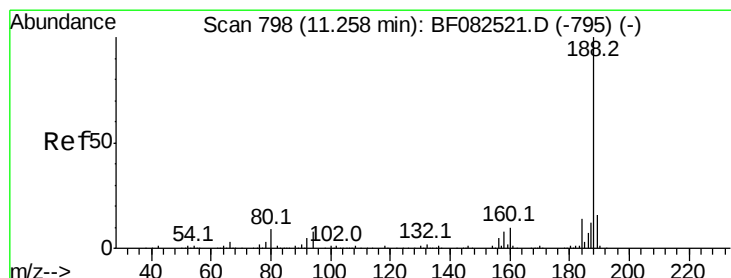
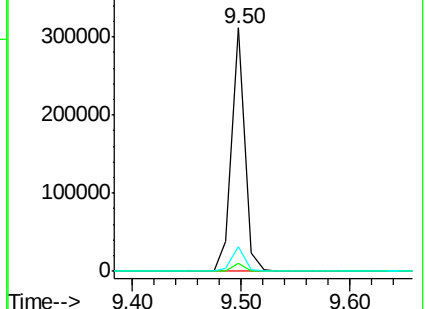
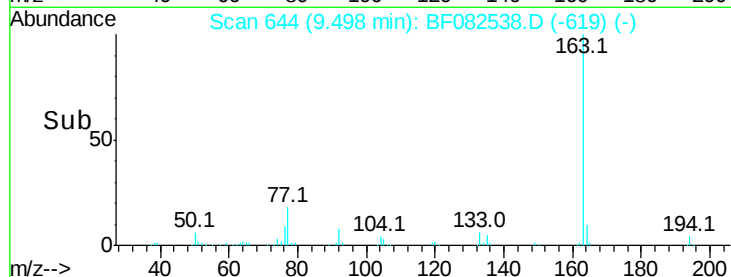
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

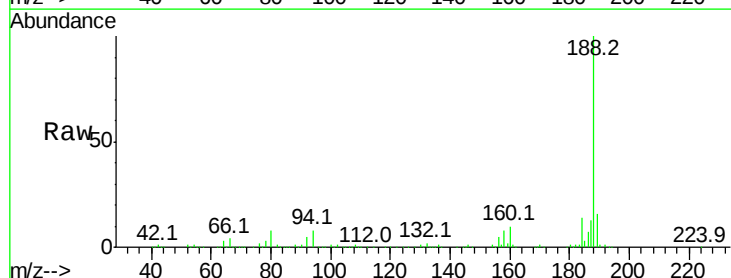
Tgt Ion:188 Resp: 340970

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

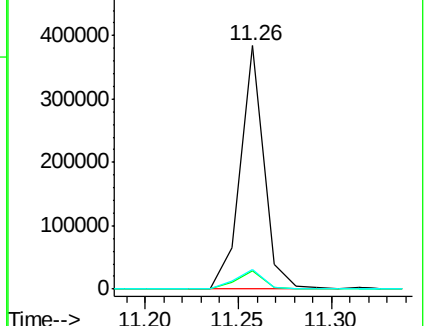
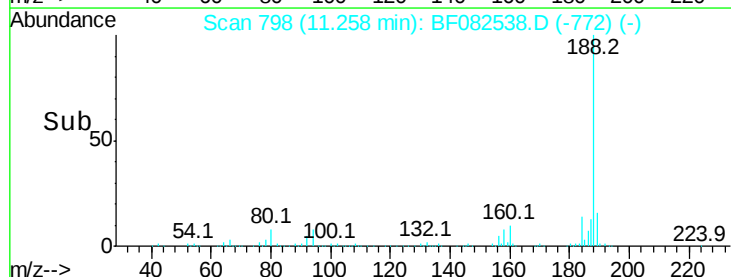
80 8.2 7.0 10.6

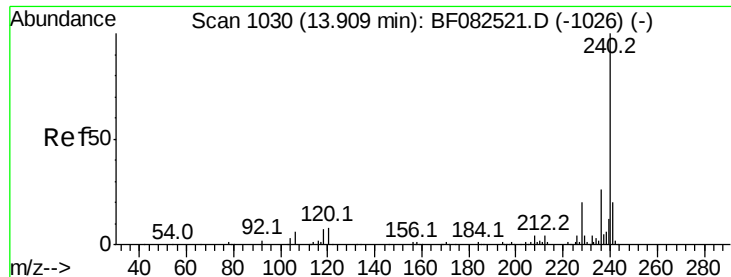


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

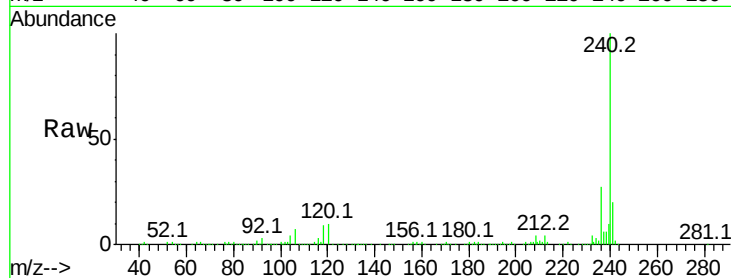
Tot Ion:240 Resp: 295883

Ion Ratio Lower Upper

240 100

120 10.2 6.5 9.7#

236 26.6 20.5 30.7



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

13.91

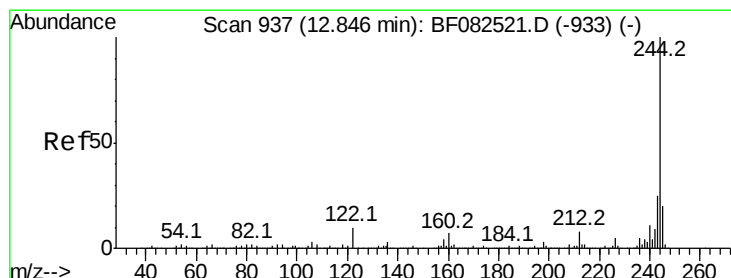
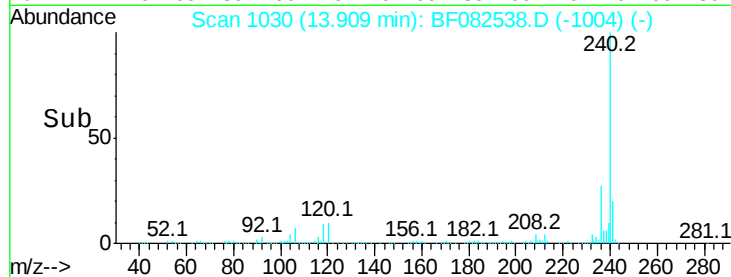
300000

200000

100000

0

Time--> 13.80 14.00



#78

Terphenyl-d14

Concen: 64.13 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

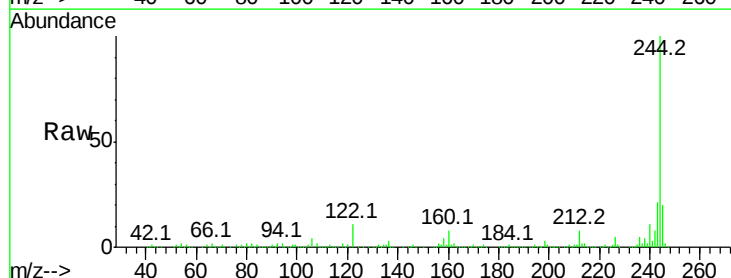
Tgt Ion:244 Resp: 658670

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

122 11.4 8.1 12.1



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

12.85

1000000

800000

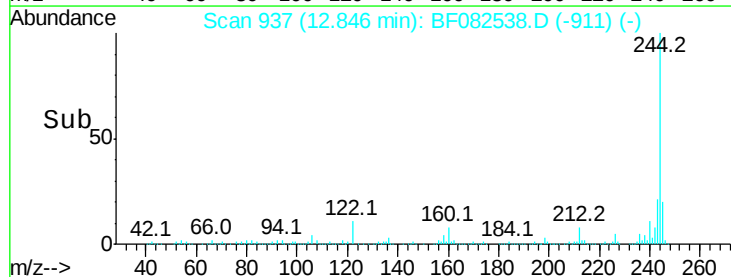
600000

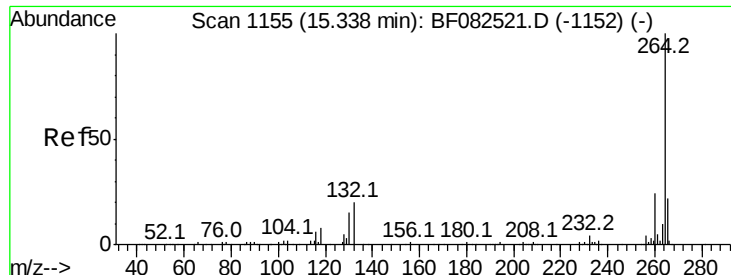
400000

200000

0

Time--> 12.80 13.00

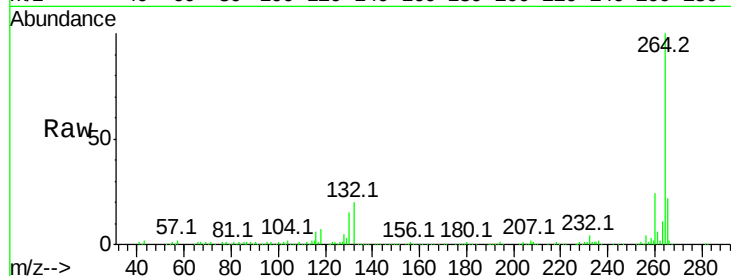




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.9	17.8	26.6



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

