

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082549.D
 Acq On : 27 Oct 2015 13:58
 Operator : UM/IZ
 Sample : G4111-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Quant Time: Oct 27 15:23:53 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

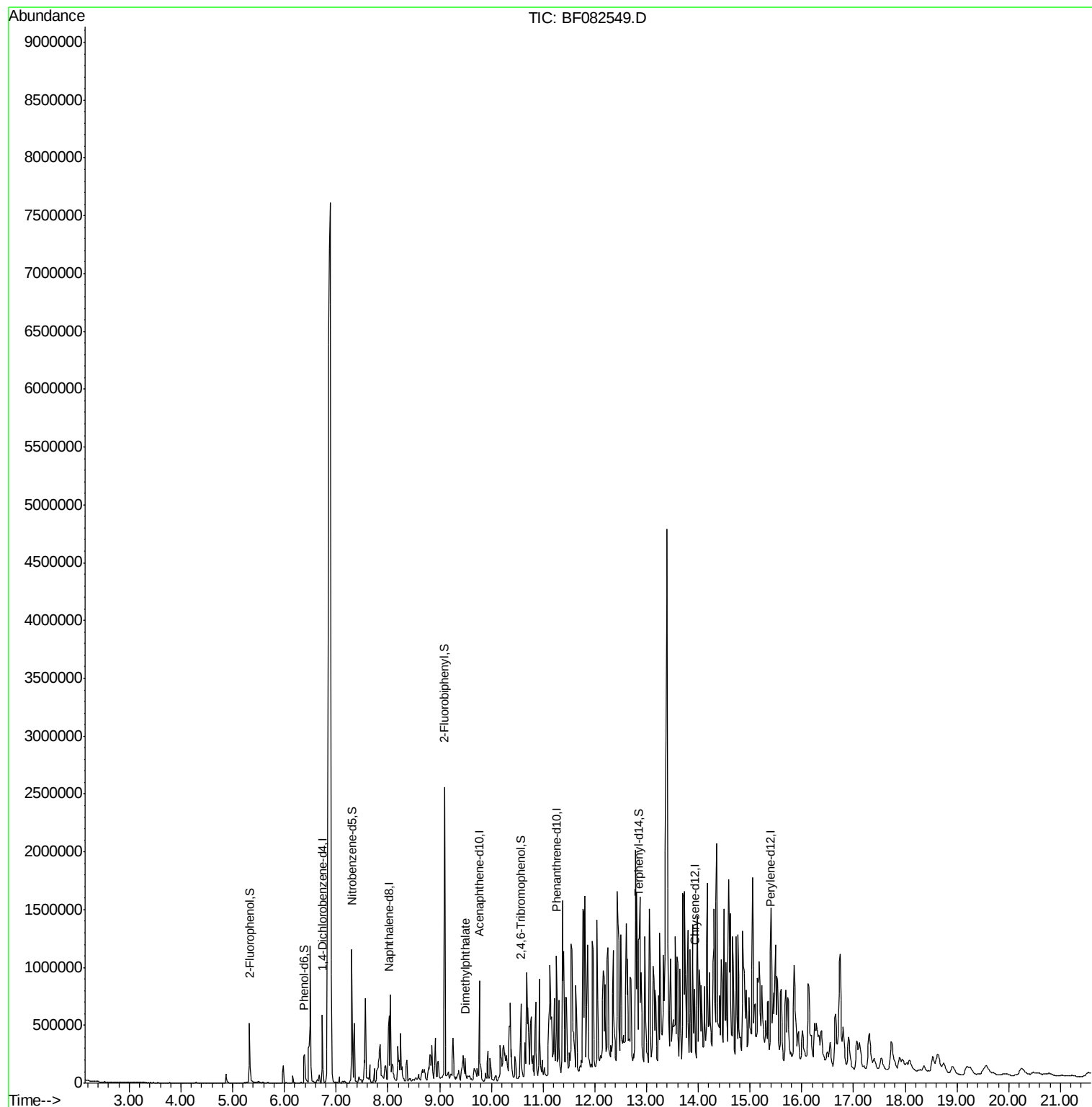
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	102880	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	401989	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	161001	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	235657	20.00	ng	0.00
75) Chrysene-d12	13.93	240	258634	20.00	ng	0.02
86) Perylene-d12	15.40	264	195327	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	184155	35.34	ng	0.01
7) Phenol-d6	6.39	99	149531	22.01	ng	0.01
23) Nitrobenzene-d5	7.30	82	444430	71.32	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	79856	66.24	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	812302	80.23	ng	0.00
78) Terphenyl-d14	12.85	244	392579	43.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	26641	2.38	ng	Qvalue # 99

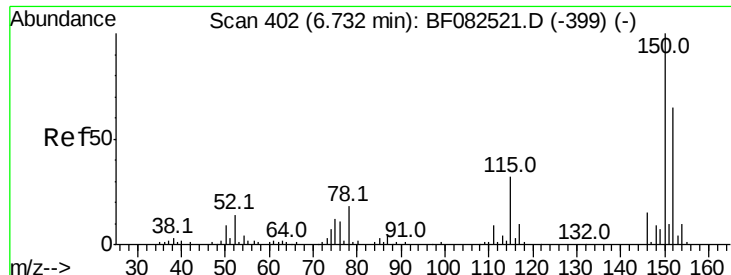
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082549.D

Acq: 27 Oct 2015 13:58

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

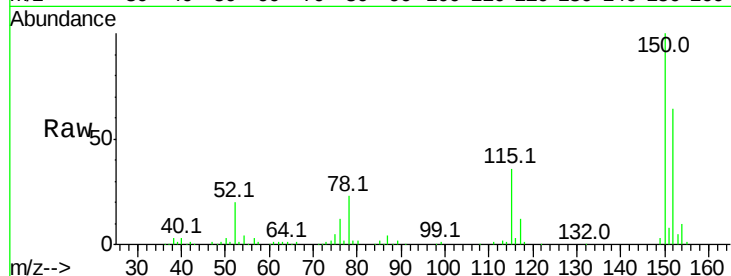
Tot Ion:152 Resp: 102880

Ion Ratio Lower Upper

152 100

150 156.0 123.4 185.0

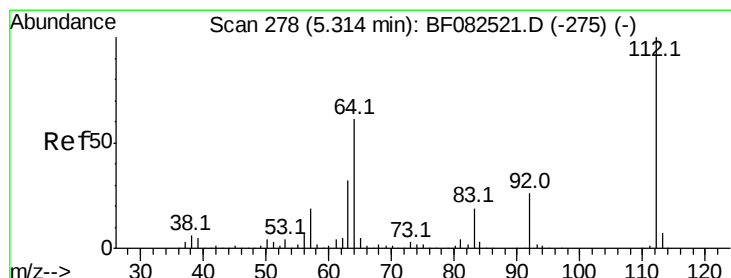
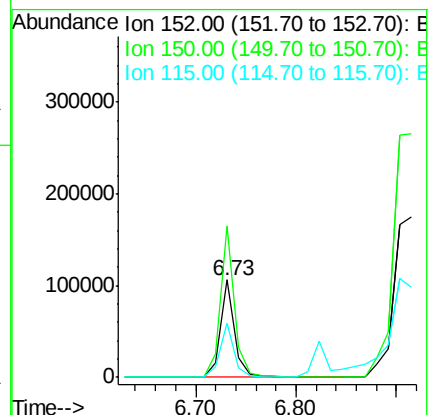
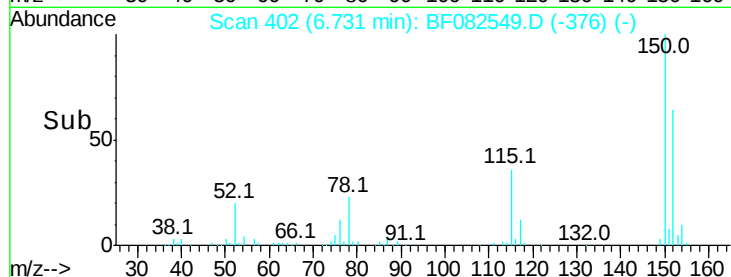
115 56.0 39.0 58.4



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: 35.34 ng

RT: 5.33 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF082549.D

Acq: 27 Oct 2015 13:58

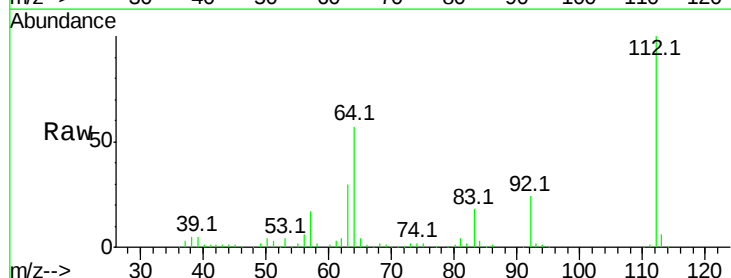
Tgt Ion:112 Resp: 184155

Ion Ratio Lower Upper

112 100

64 57.3 49.0 73.4

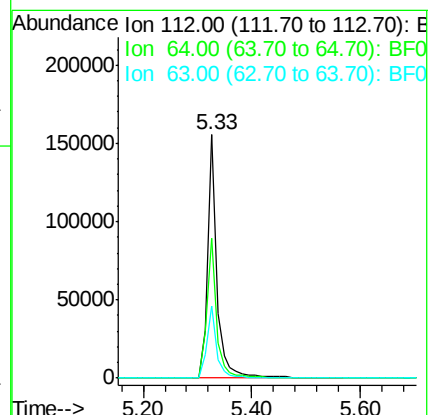
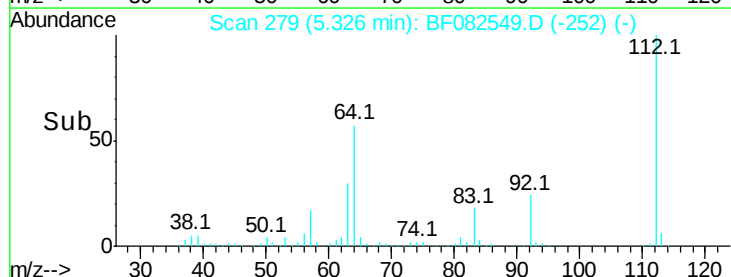
63 29.7 25.8 38.6

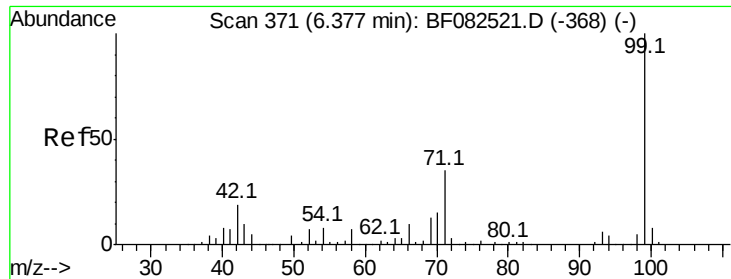


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.01 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082549.D

Acq: 27 Oct 2015 13:58

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

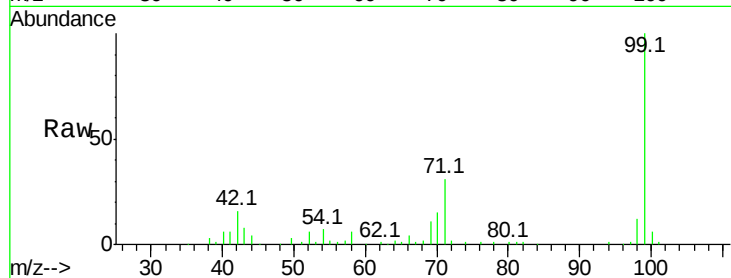
Tot Ion: 99 Resp: 149531

Ion Ratio Lower Upper

99 100

42 15.7 15.1 22.7

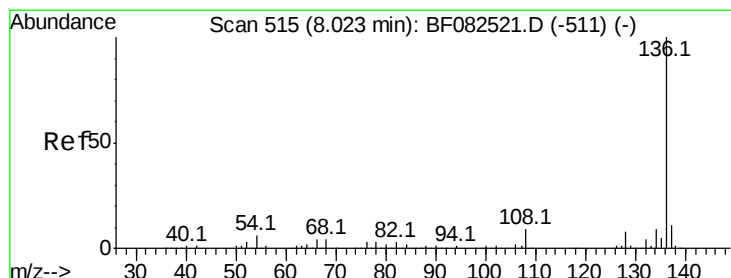
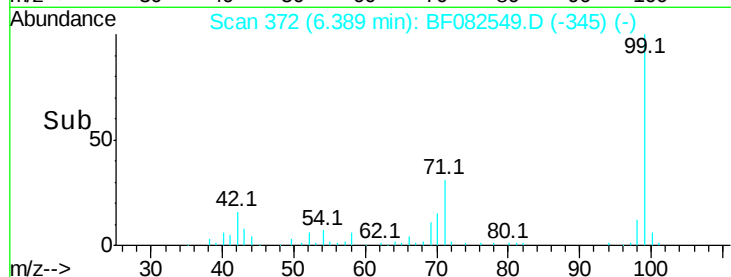
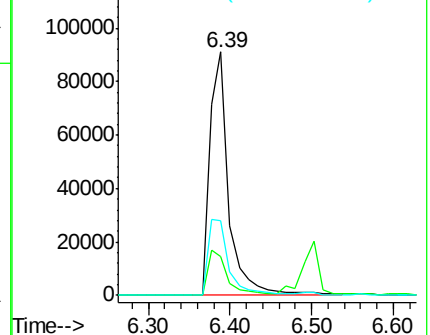
71 30.9 28.2 42.2



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: 8.02 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF082549.D

Acq: 27 Oct 2015 13:58

Tgt Ion: 136 Resp: 401989

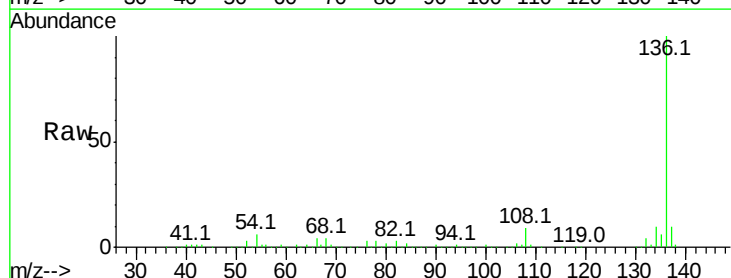
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.7 4.6 7.0

68 3.9 3.2 4.8

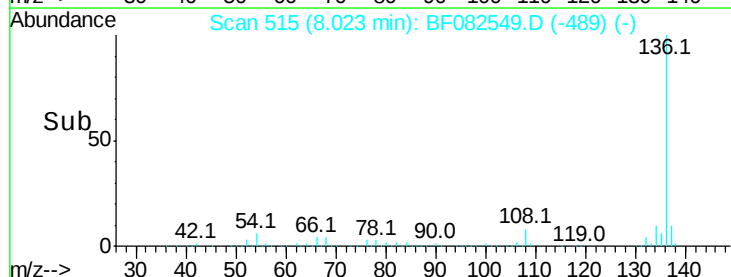
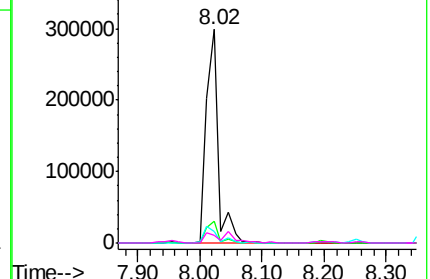


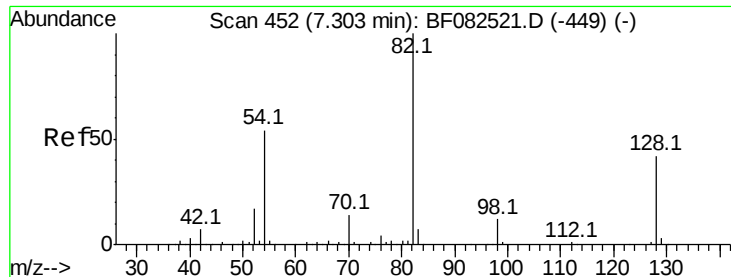
Abundance Ion 136.00 (135.70 to 136.70): E

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

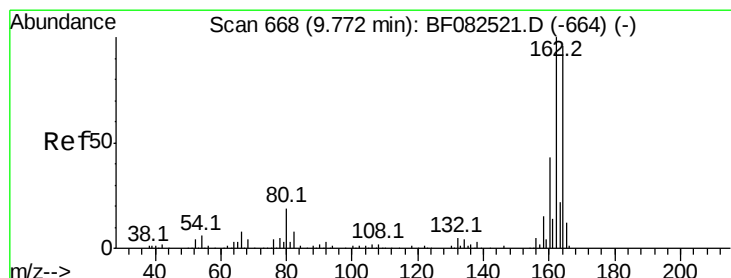
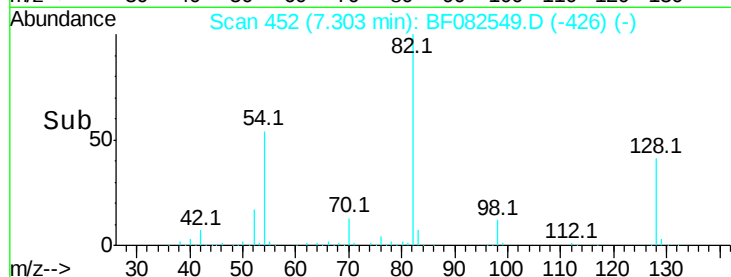
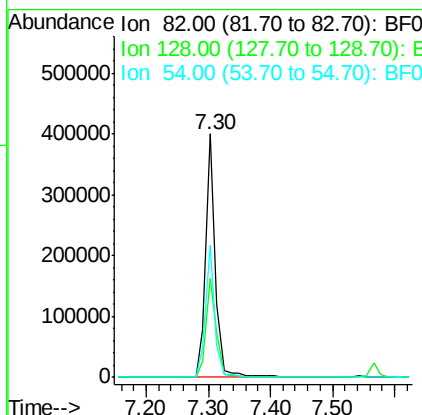
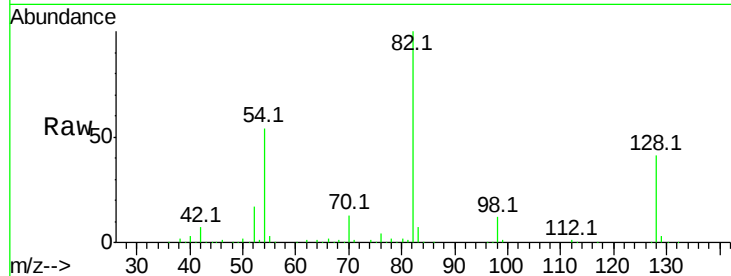




#23
 Nitrobenzene-d5
 Concen: 71.32 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF082549.D
 Acq: 27 Oct 2015 13:58

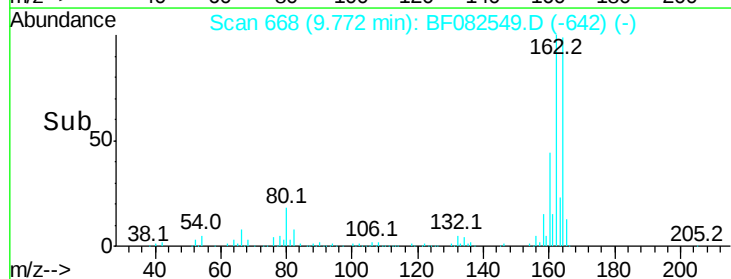
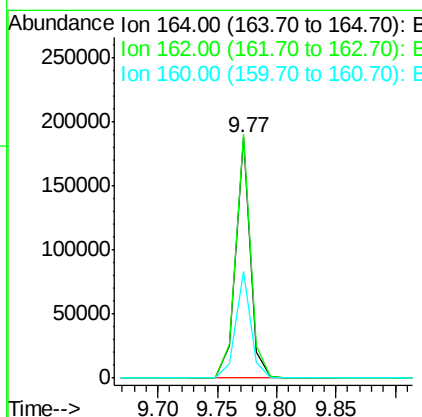
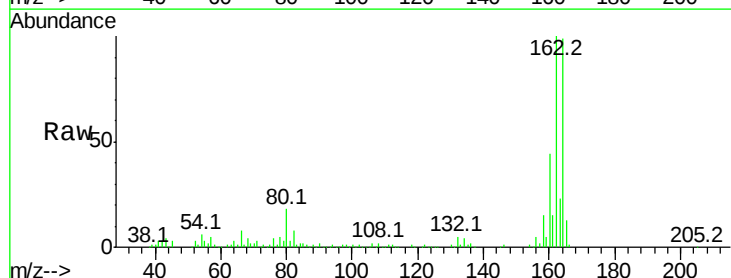
Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

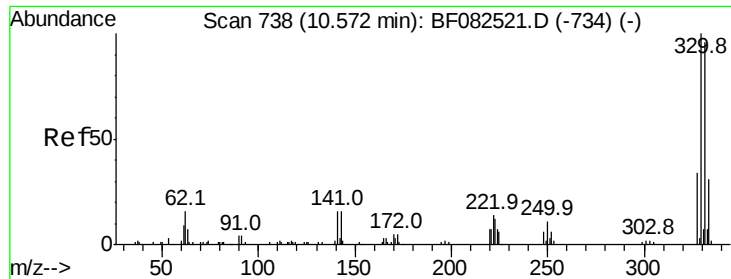
Tot Ion: 82 Resp: 444430
 Ion Ratio Lower Upper
 82 100
 128 40.8 33.4 50.0
 54 54.4 43.5 65.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF082549.D
 Acq: 27 Oct 2015 13:58

Tgt Ion:164 Resp: 161001
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.6 125.4
 160 44.5 36.0 54.0

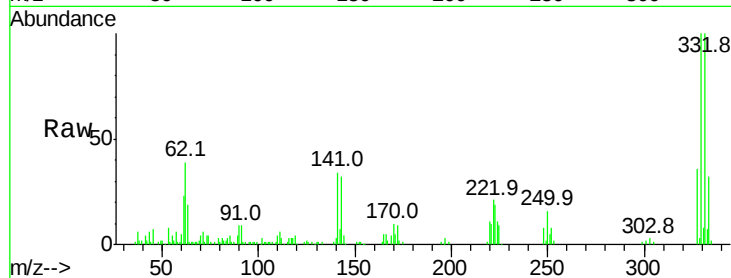




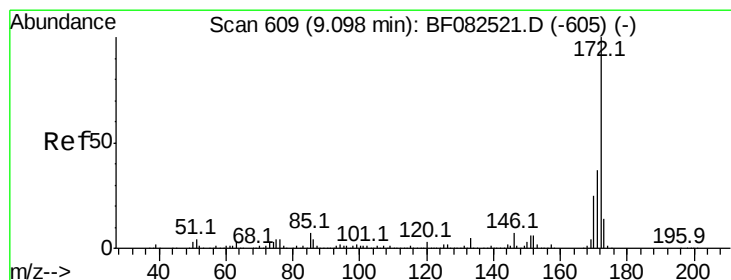
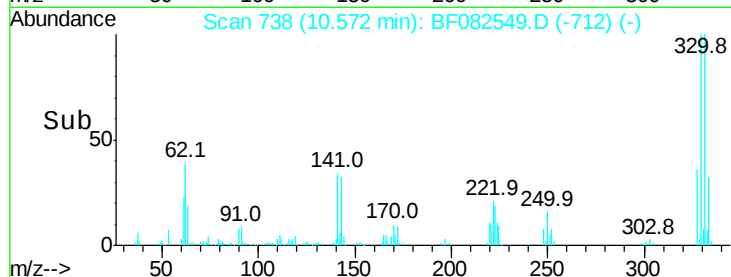
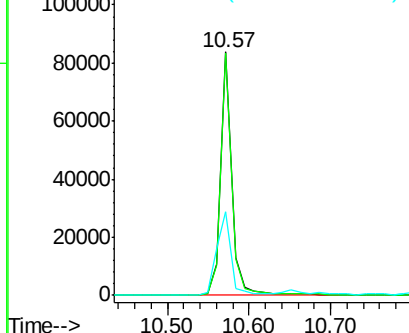
#41
 2,4,6-Tribromophenol
 Concen: 66.24 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082549.D
 Acq: 27 Oct 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.4	116.0
141	43.6	32.5	48.7

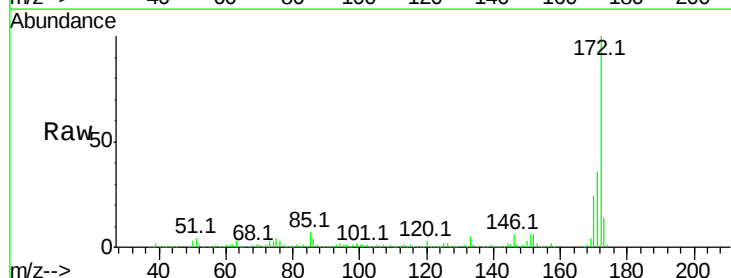


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

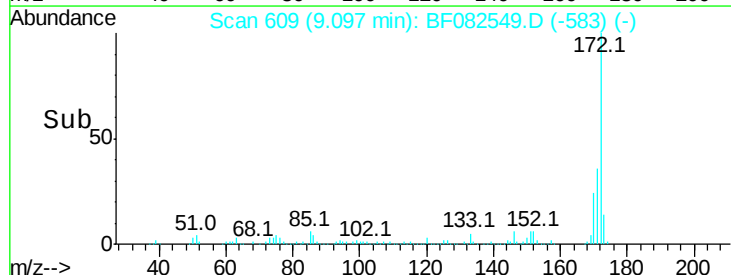
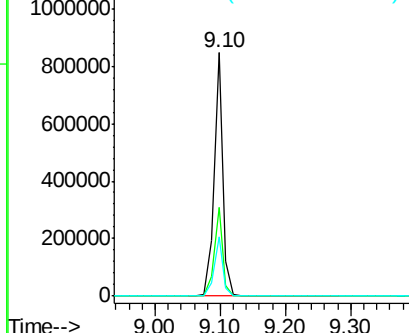


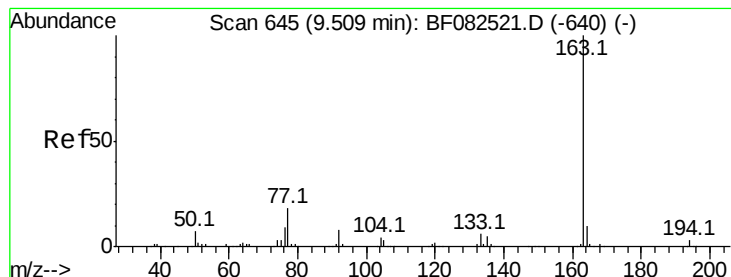
#44
 2-Fluorobiphenyl
 Concen: 80.23 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082549.D
 Acq: 27 Oct 2015 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.3	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: 2.38 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082549.D

Acq: 27 Oct 2015 13:58

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

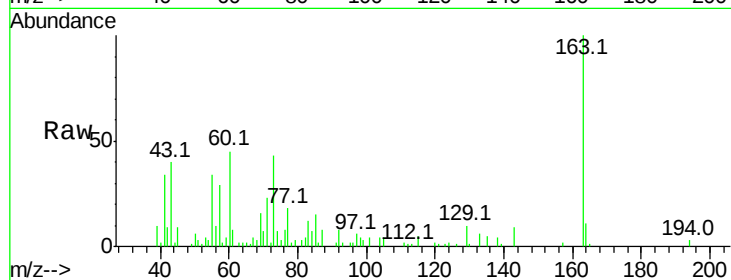
Tot Ion:163 Resp: 26641

Ion Ratio Lower Upper

163 100

194 2.7 2.8 4.2#

164 10.6 8.2 12.4

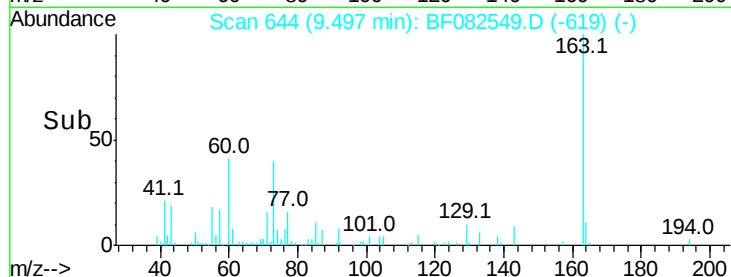


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

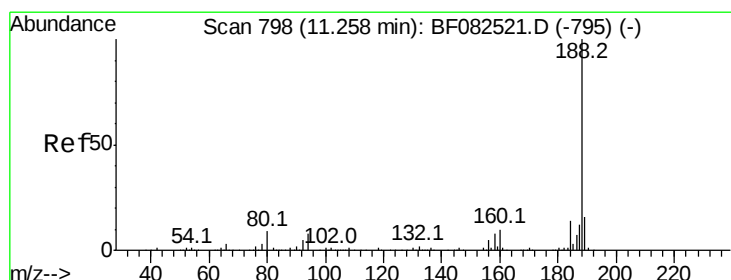
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF082549.D

Acq: 27 Oct 2015 13:58

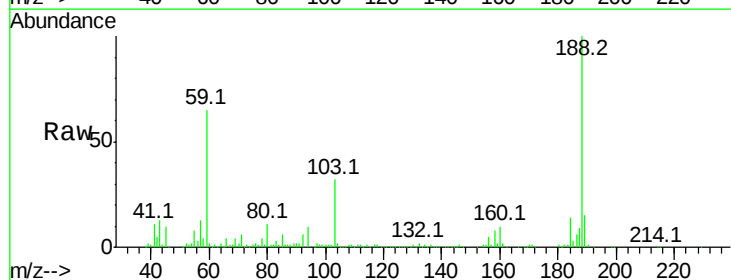
Tgt Ion:188 Resp: 235657

Ion Ratio Lower Upper

188 100

94 9.5 6.4 9.6

80 11.2 7.0 10.6#

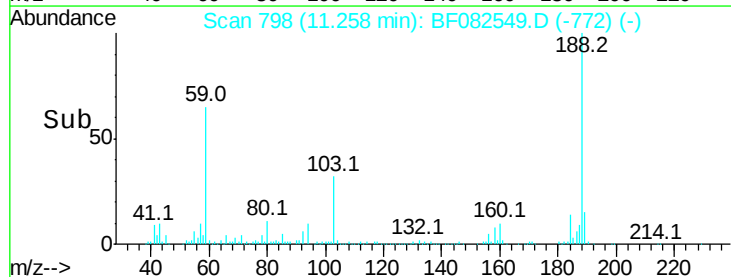


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

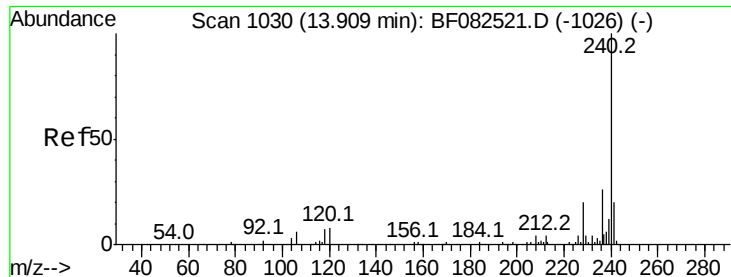
Ion 80.00 (79.70 to 80.70): BF0

Time-->



Abundance

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BF082549.D

Acq: 27 Oct 2015 13:58

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

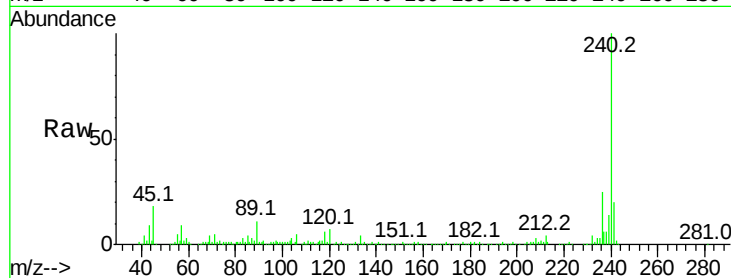
Tot Ion:240 Resp: 258634

Ion Ratio Lower Upper

240 100

120 6.6 6.5 9.7

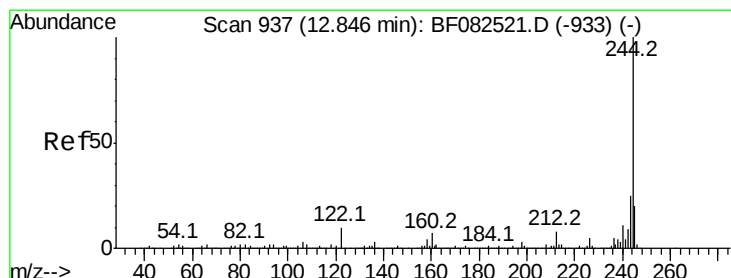
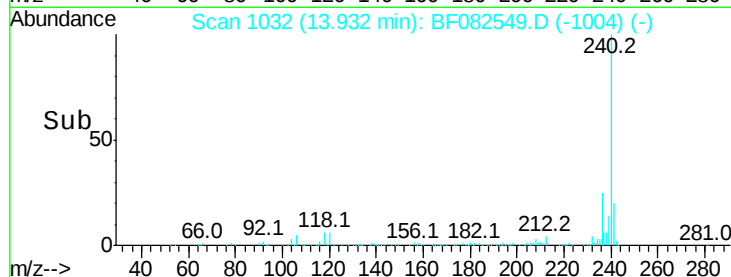
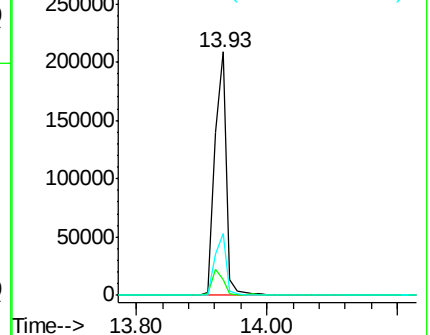
236 25.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 43.73 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082549.D

Acq: 27 Oct 2015 13:58

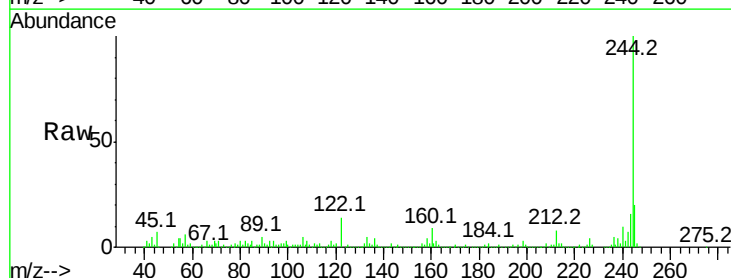
Tgt Ion:244 Resp: 392579

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

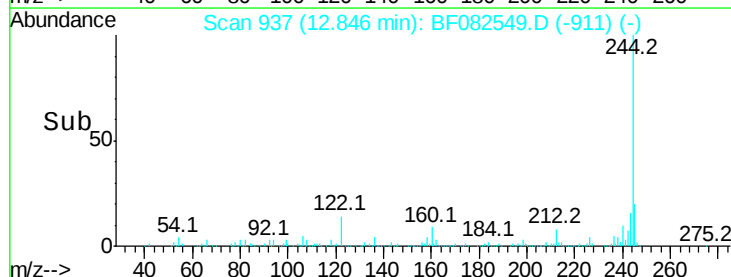
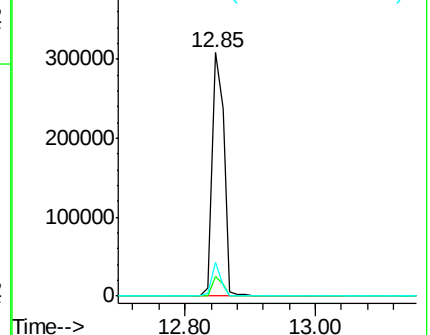
122 14.0 8.1 12.1#

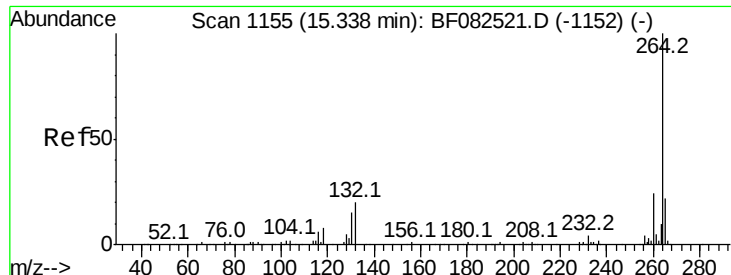


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.06 min
Lab File: BF082549.D
Acq: 27 Oct 2015 13:58

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

Tot Ion: 264 Resp: 195327
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.5 17.8 26.6

