

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082862.D
 Acq On : 10 Nov 2015 9:13
 Operator : UM/IZ
 Sample : G4286-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-4L

Quant Time: Nov 10 09:52:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

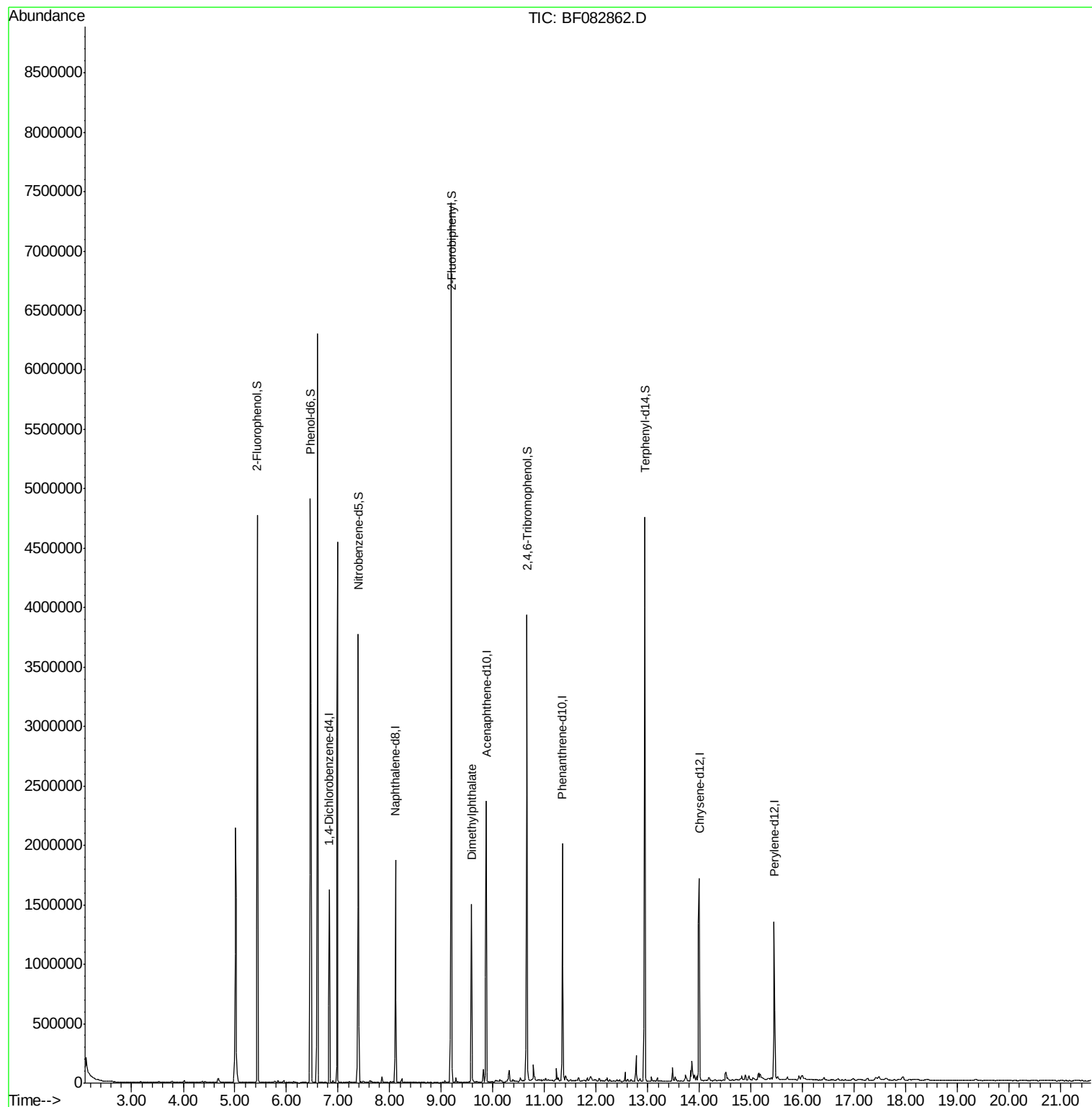
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	265055	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	895533	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	499371	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	848377	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	789043	20.00	ng	-0.02
86) Perylene-d12	15.45	264	616089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1896603	111.33	ng	-0.01
7) Phenol-d6	6.46	99	2452283	108.28	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1409929	68.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	546417	95.43	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2231747	64.05	ng	-0.02
78) Terphenyl-d14	12.94	244	2108854	63.39	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.58	163	569357	13.92	ng	Qvalue 99

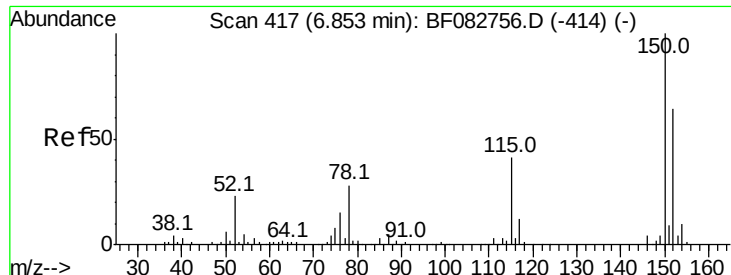
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampleId :

T-4L

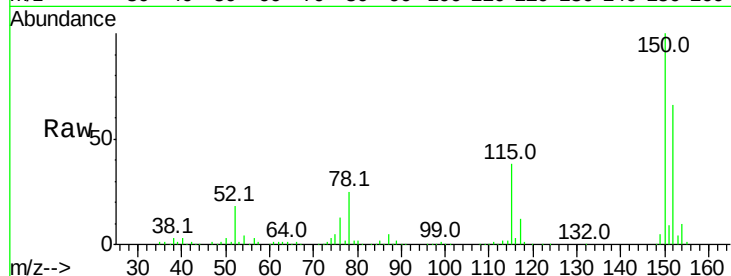
Tot Ion:152 Resp: 265055

Ion Ratio Lower Upper

152 100

150 151.8 127.0 190.4

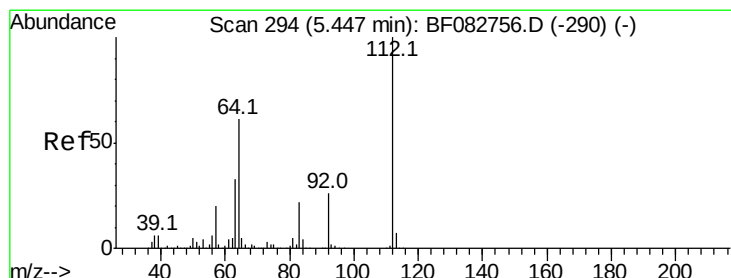
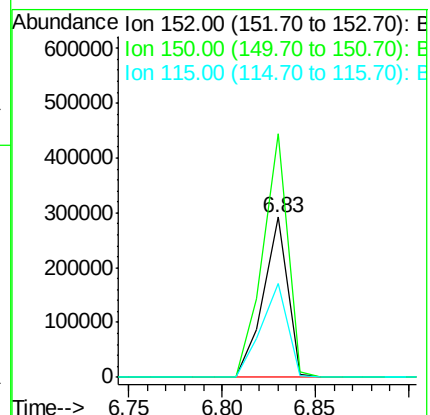
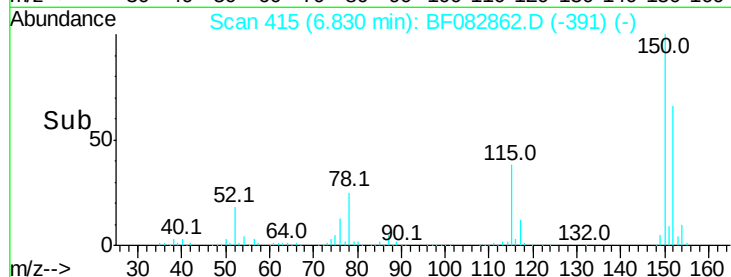
115 58.3 47.0 70.6



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: 111.33 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

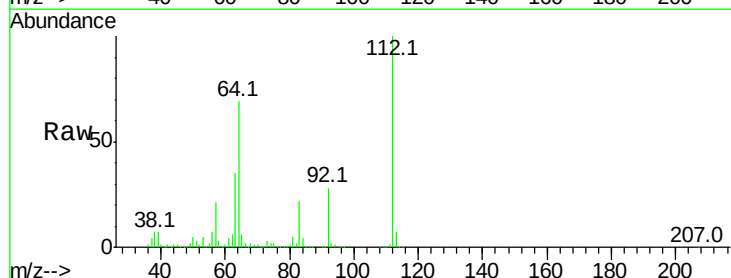
Tgt Ion:112 Resp: 1896603

Ion Ratio Lower Upper

112 100

64 69.1 48.9 73.3

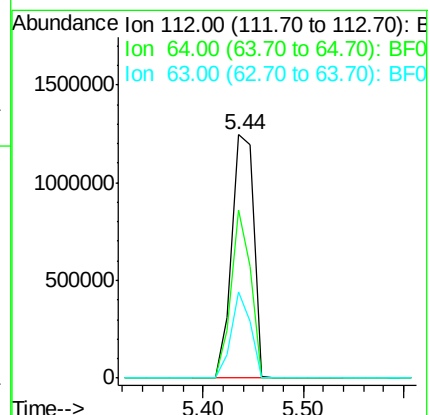
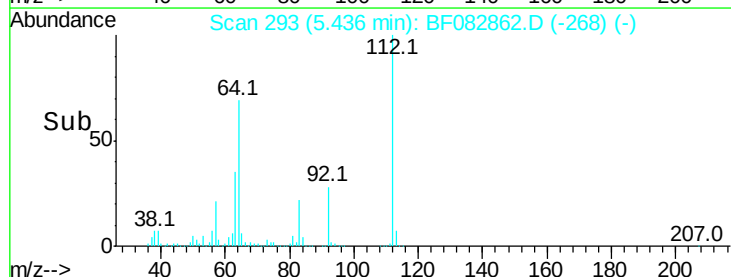
63 35.5 28.1 42.1

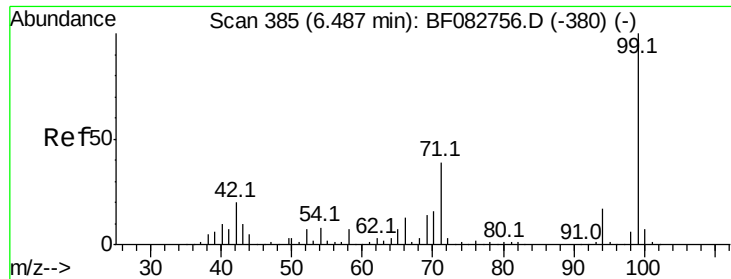


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.28 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampleId :

T-4L

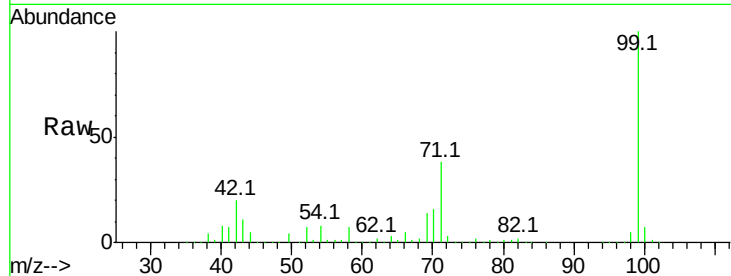
Tot Ion: 99 Resp: 2452283

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

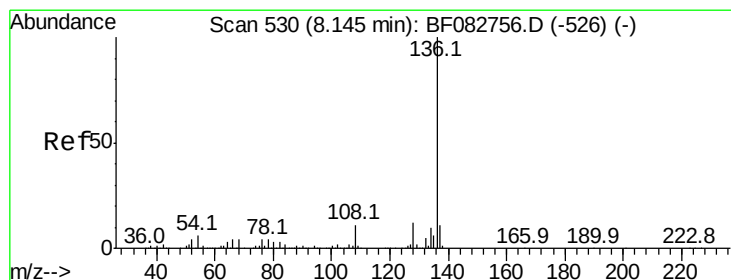
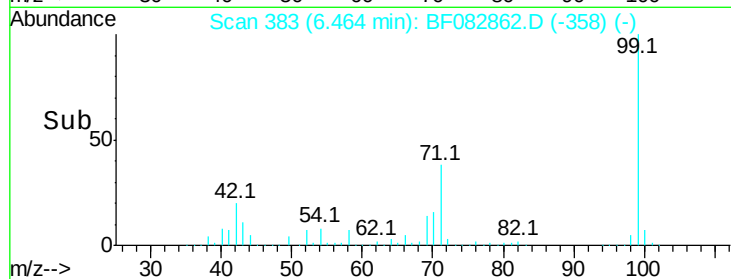
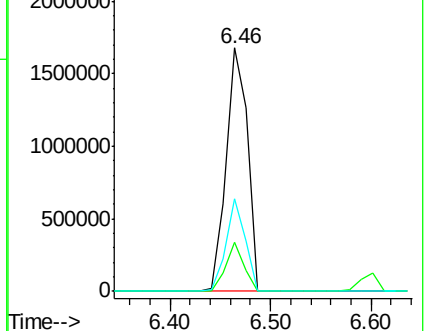
71 38.0 35.0 52.4



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: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Tgt Ion: 136 Resp: 895533

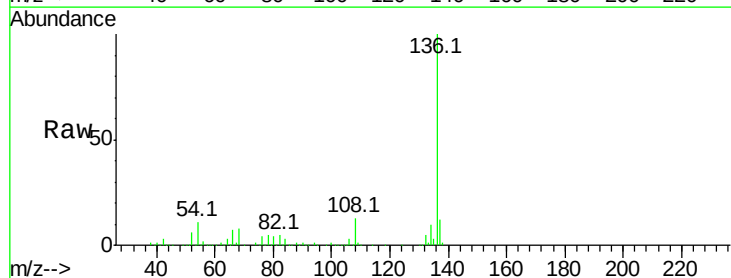
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 11.0 9.1 13.7

68 7.9 4.8 7.2#

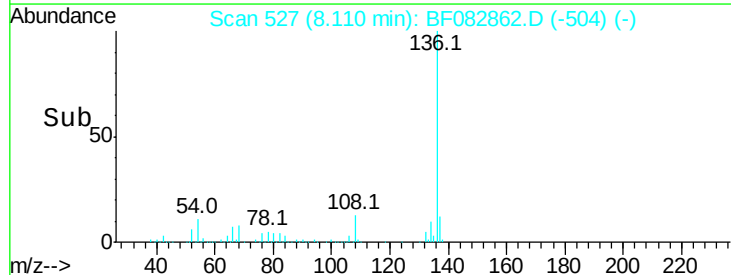
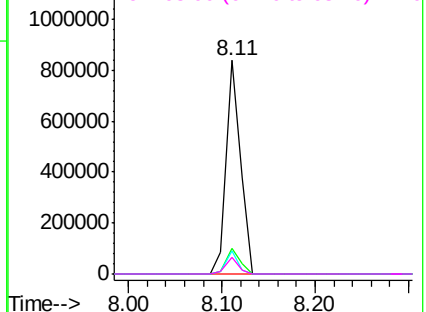


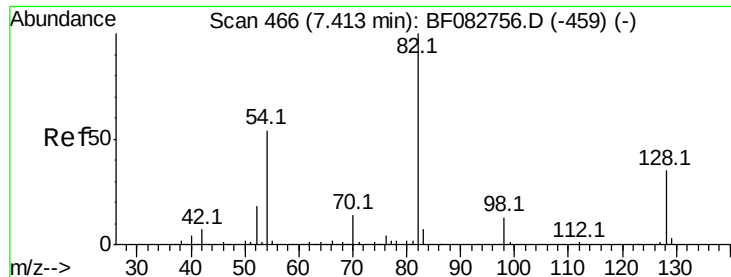
Abundance Ion 136.00 (135.70 to 136.70): E

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



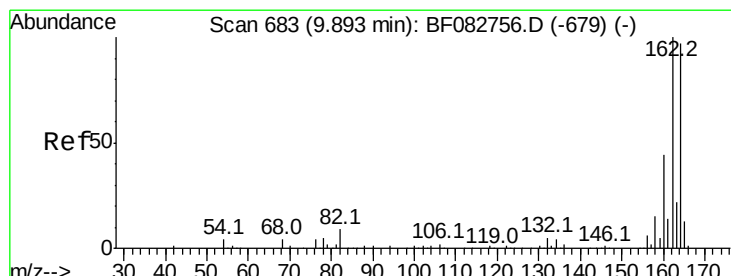
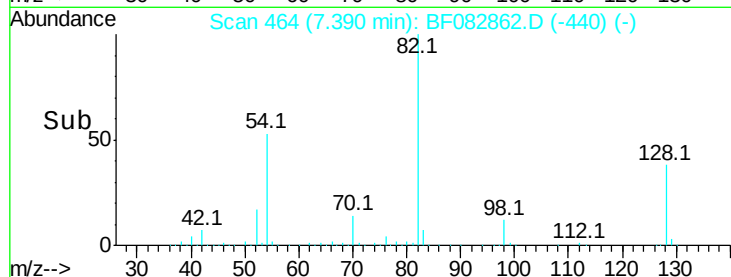
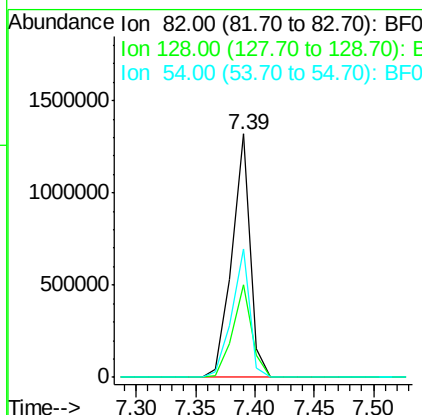
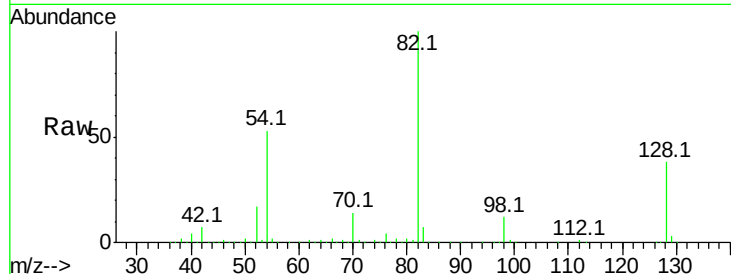


#23
 Nitrobenzene-d5
 Concen: 68.51 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082862.D
 Acq: 10 Nov 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 T-4L

Tot Ion: 82 Resp: 1409929

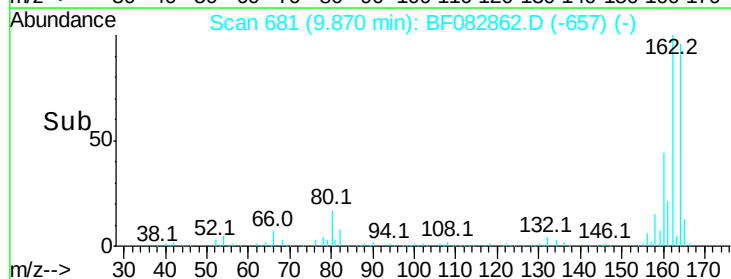
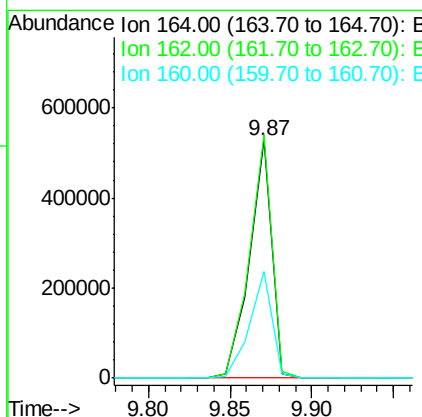
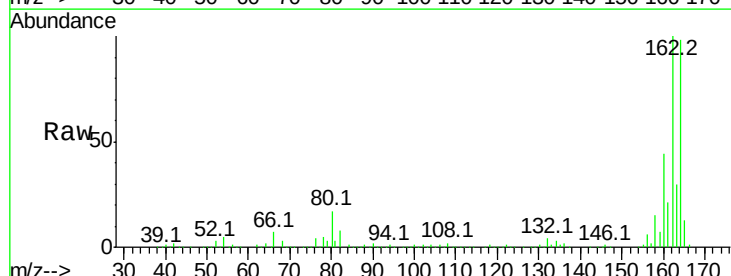
Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.8	40.2
54	52.9	45.7	68.5

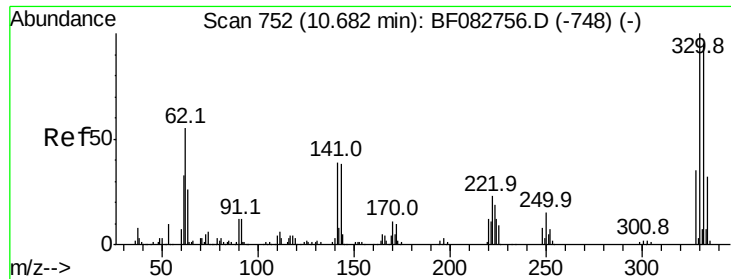


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082862.D
 Acq: 10 Nov 2015 9:13

Tgt Ion: 164 Resp: 499371

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	45.0	37.5	56.3

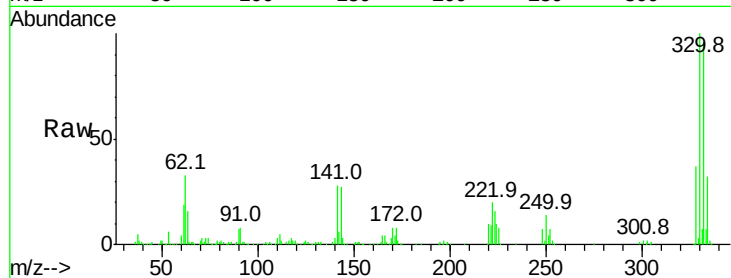




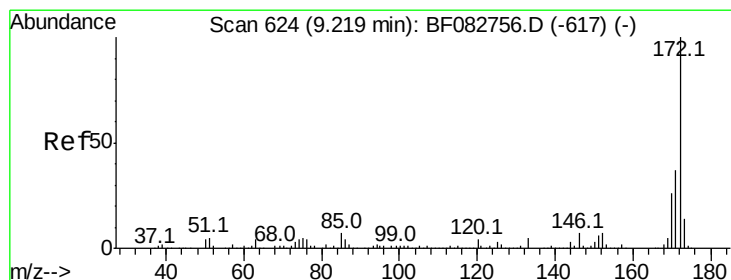
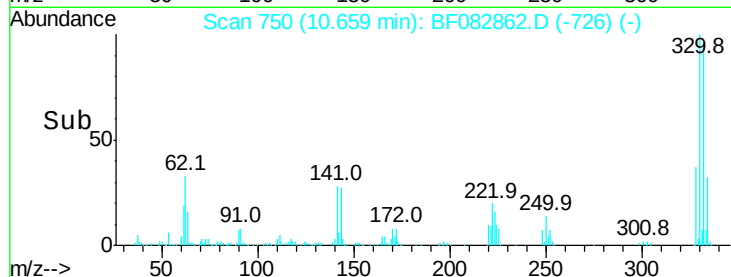
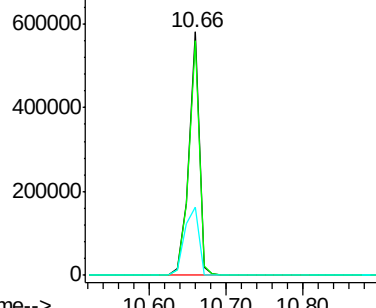
#41
 2,4,6-Tribromophenol
 Concen: 95.43 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082862.D
 Acq: 10 Nov 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 T-4L

Tot Ion:330 Resp: 546417
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 38.1 41.2 61.8#

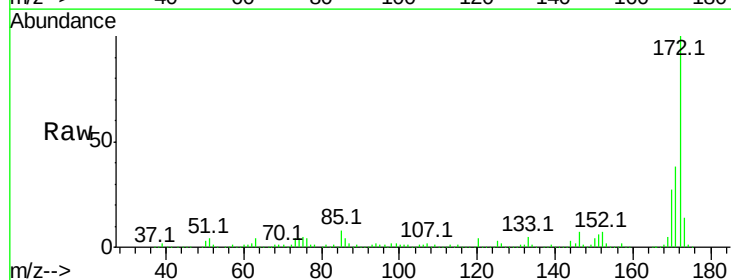


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

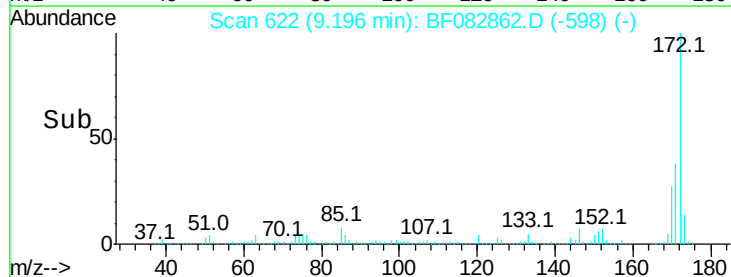
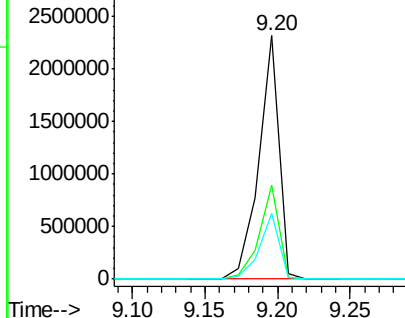


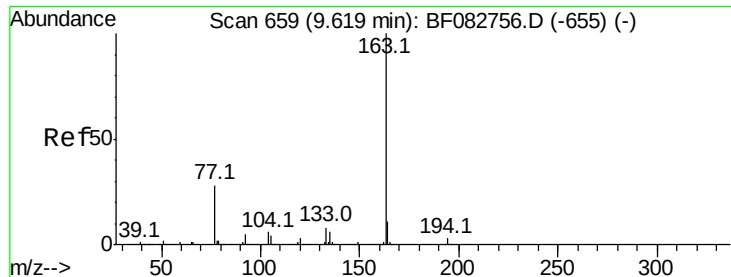
#44
 2-Fluorobiphenyl
 Concen: 64.05 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082862.D
 Acq: 10 Nov 2015 9:13

Tgt Ion:172 Resp: 2231747
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 26.8 21.2 31.8



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

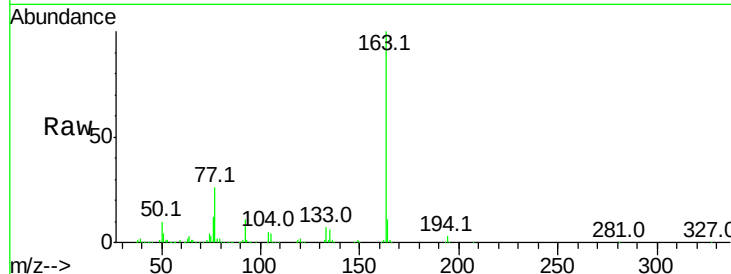




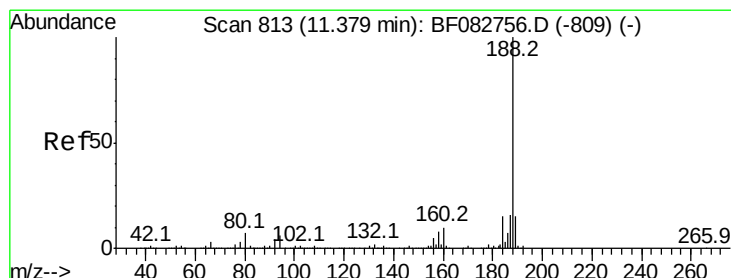
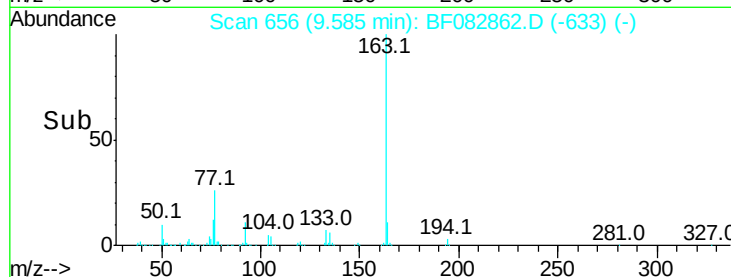
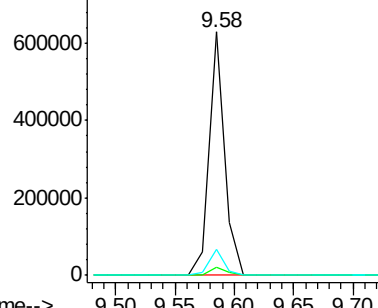
#49
Dimethylphthalate
Concen: 13.92 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082862.D
Acq: 10 Nov 2015 9:13

Instrument :
BNA_F
ClientSampleId :
T-4L

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.7	8.7	13.1

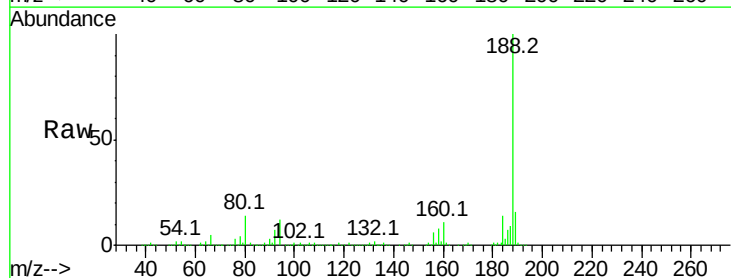


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

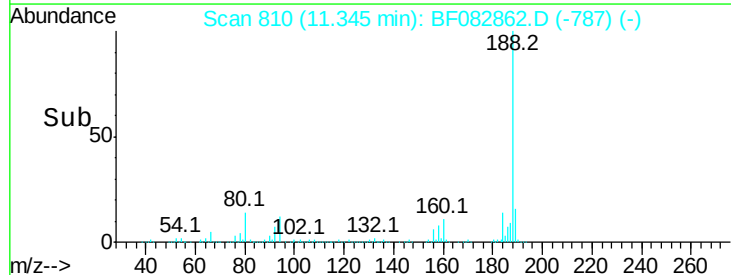
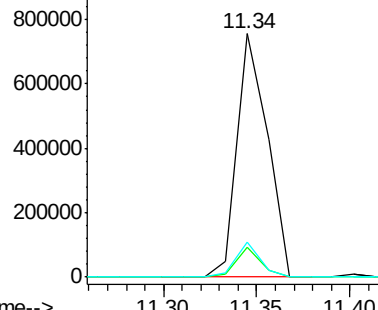


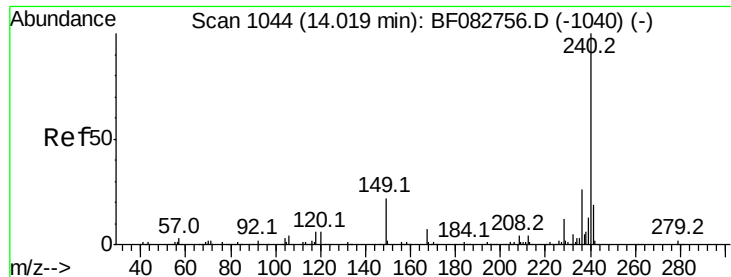
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082862.D
Acq: 10 Nov 2015 9:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.1	9.1#
80	14.2	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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampleId :

T-4L

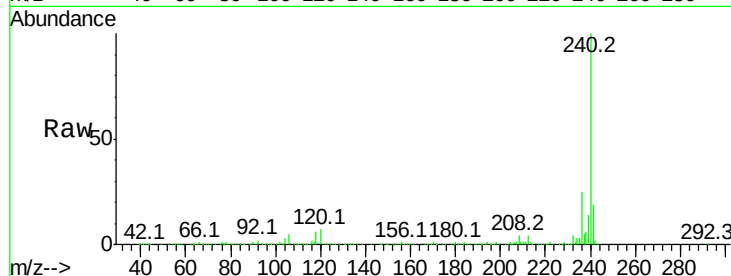
Tot Ion:240 Resp: 789043

Ion Ratio Lower Upper

240 100

120 7.4 10.9 16.3#

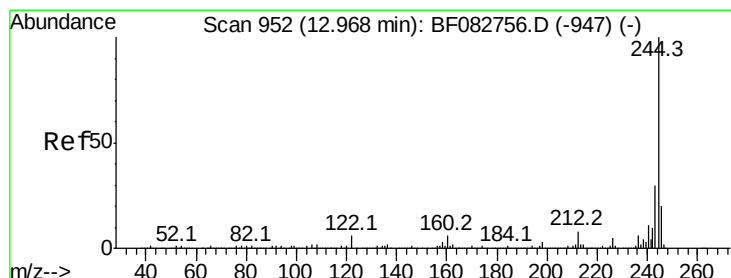
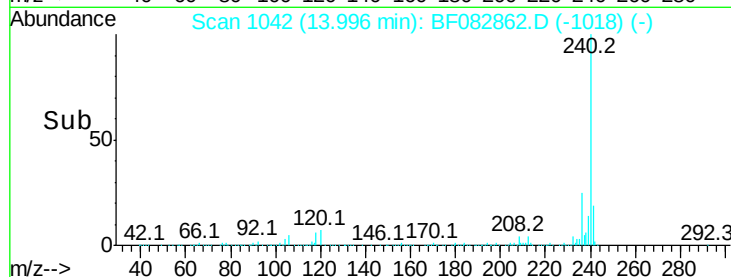
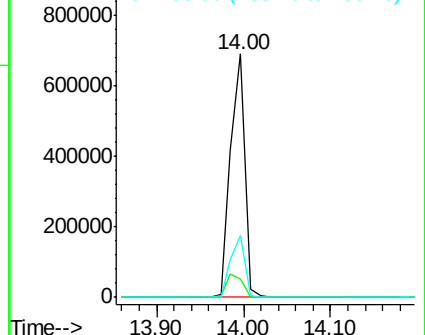
236 25.2 21.6 32.4



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: 63.39 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

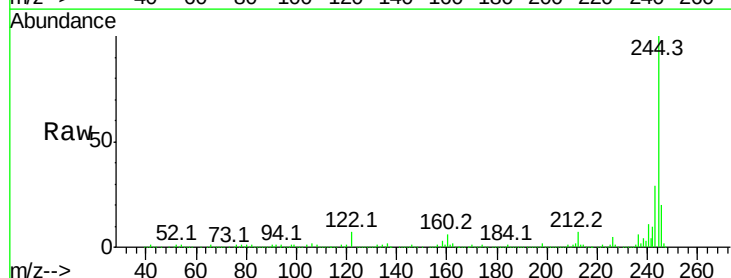
Tgt Ion:244 Resp: 2108854

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

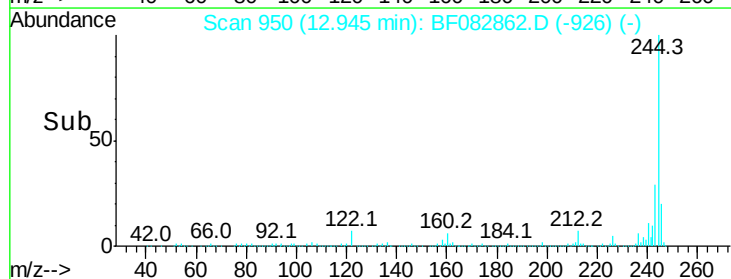
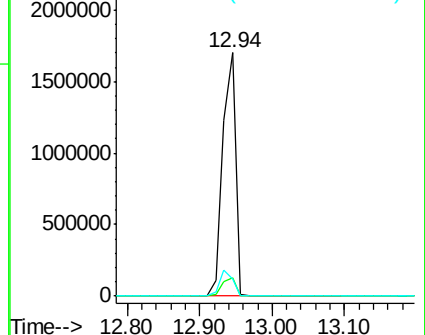
122 6.9 11.3 16.9#

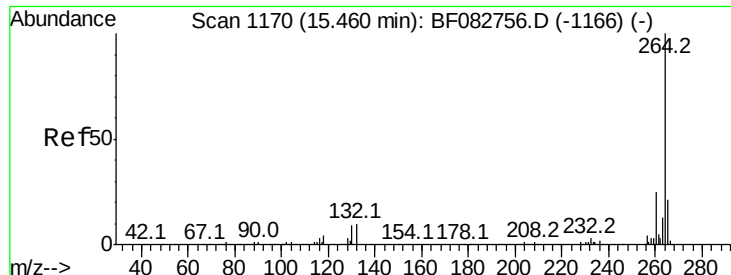


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

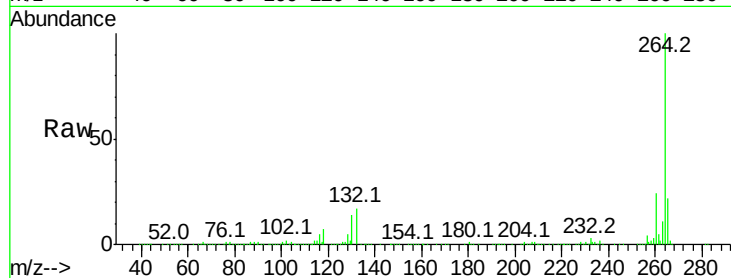




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082862.D
 Acq: 10 Nov 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 T-4L

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.1	17.4	26.0



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

