

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082846.D
 Acq On : 9 Nov 2015 23:19
 Operator : UM/IZ
 Sample : G4286-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-4R

Quant Time: Nov 10 03:39:55 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

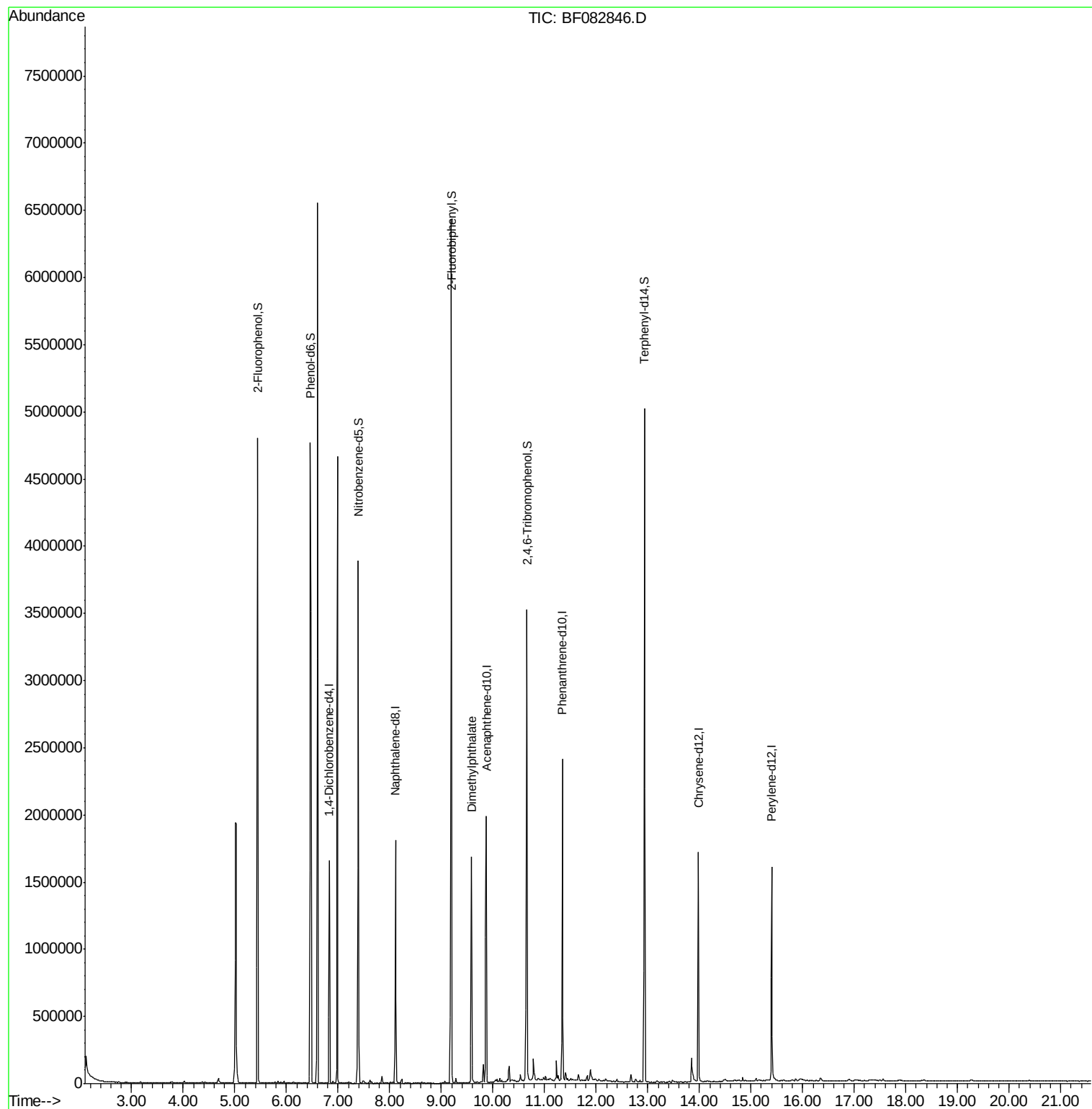
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	249524	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	864924	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	472269	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	840909	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	845907	20.00	ng	-0.03
86) Perylene-d12	15.40	264	727234	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1878884	117.16	ng	0.00
7) Phenol-d6	6.46	99	2426465	113.81	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1422860	71.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	605970	111.91	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2270741	68.91	ng	-0.02
78) Terphenyl-d14	12.93	244	1822199	51.09	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.58	163	615908	15.92	ng	Qvalue 99

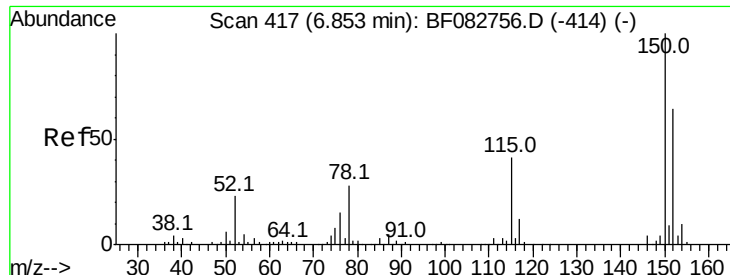
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampleId :

T-4R

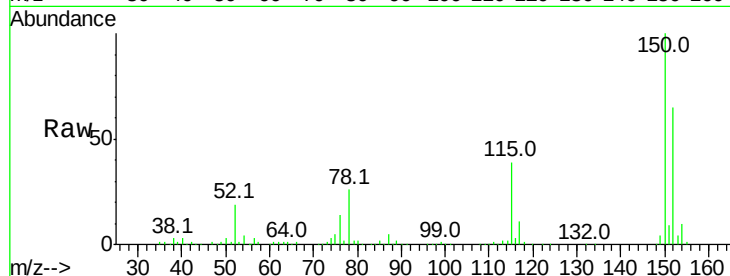
Tot Ion:152 Resp: 249524

Ion Ratio Lower Upper

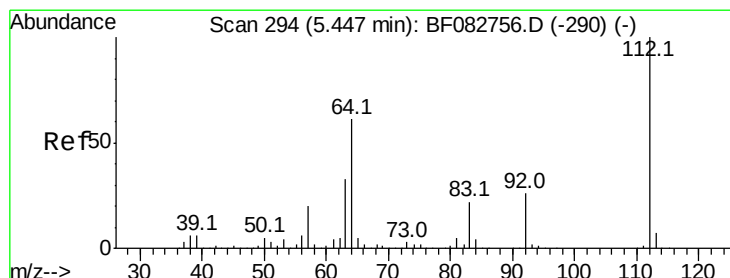
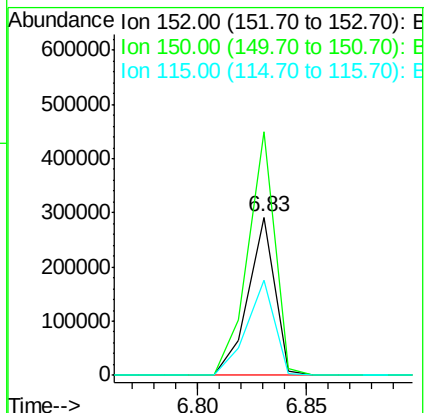
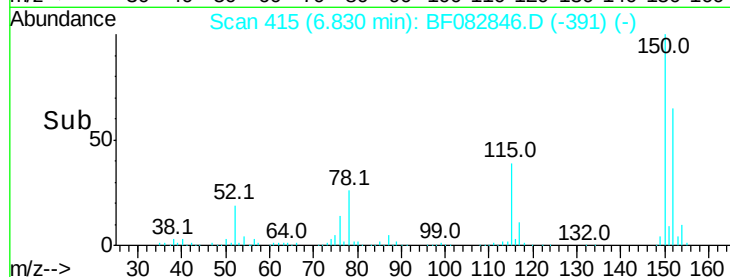
152 100

150 154.2 127.0 190.4

115 60.3 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: 117.16 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

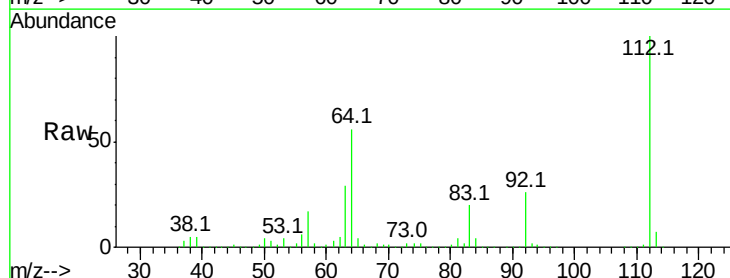
Tgt Ion:112 Resp: 1878884

Ion Ratio Lower Upper

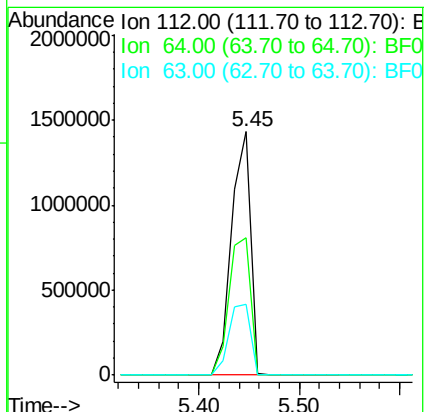
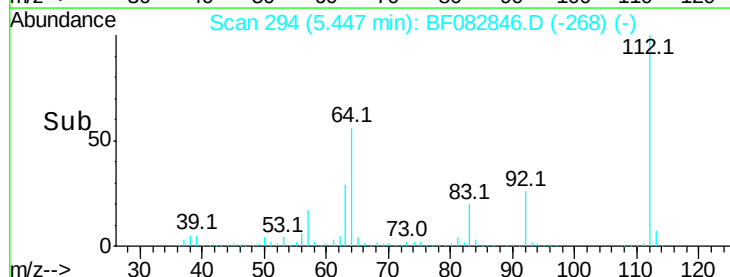
112 100

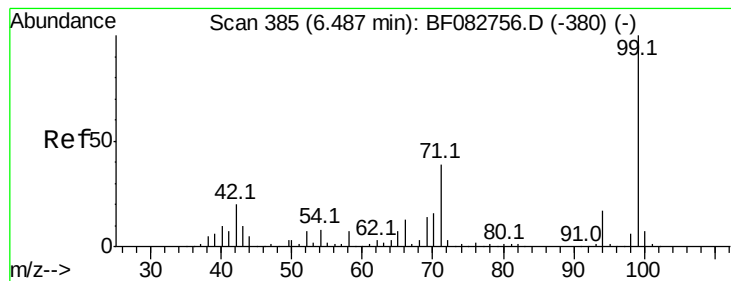
64 56.5 48.9 73.3

63 29.1 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: 113.81 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampleId :

T-4R

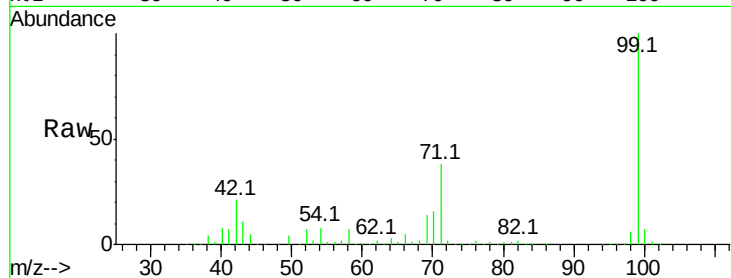
Tot Ion: 99 Resp: 2426465

Ion Ratio Lower Upper

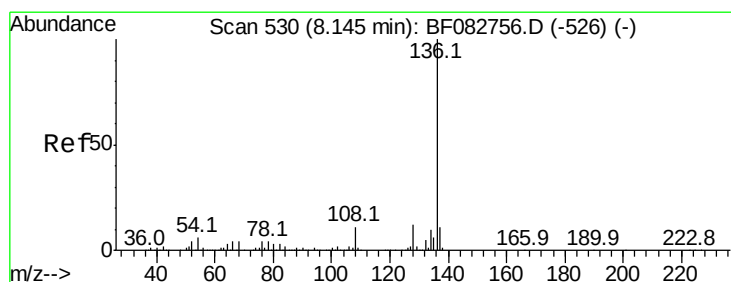
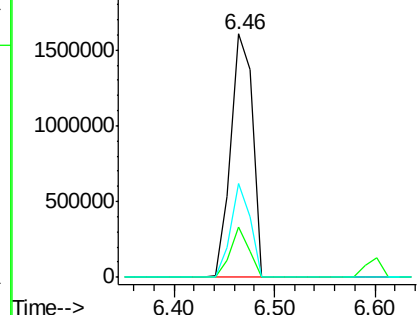
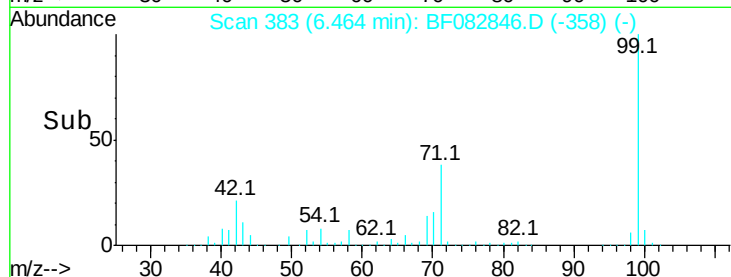
99 100

42 20.7 19.2 28.8

71 38.5 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: BF082846.D

Acq: 9 Nov 2015 23:19

Tgt Ion: 136 Resp: 864924

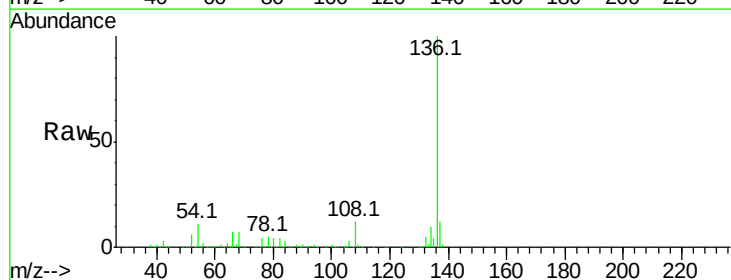
Ion Ratio Lower Upper

136 100

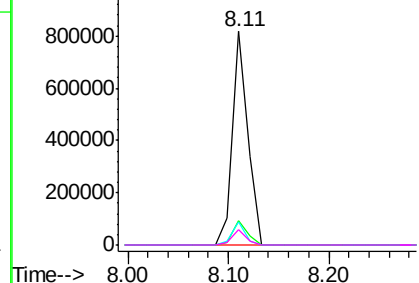
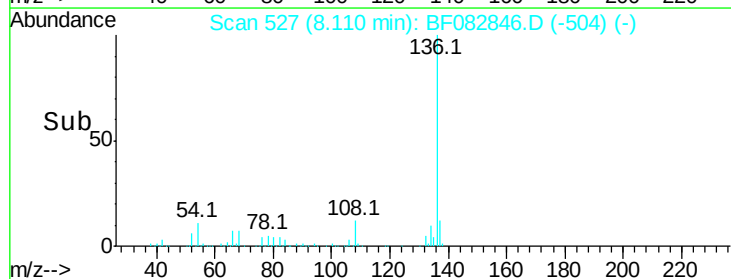
137 11.5 9.1 13.7

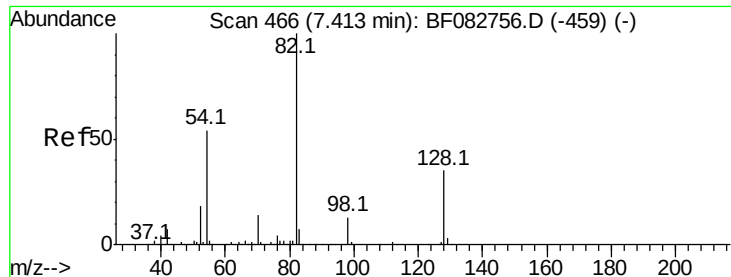
54 10.9 9.1 13.7

68 7.1 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

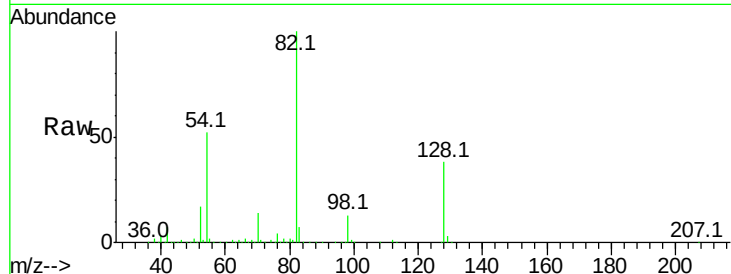




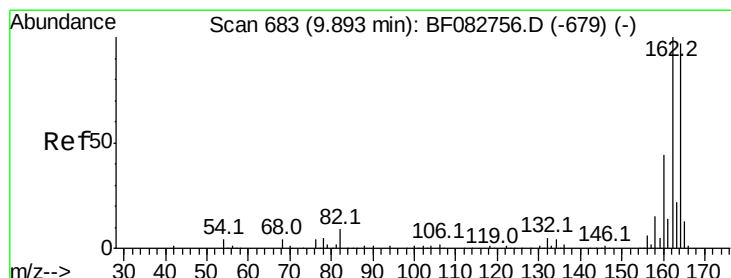
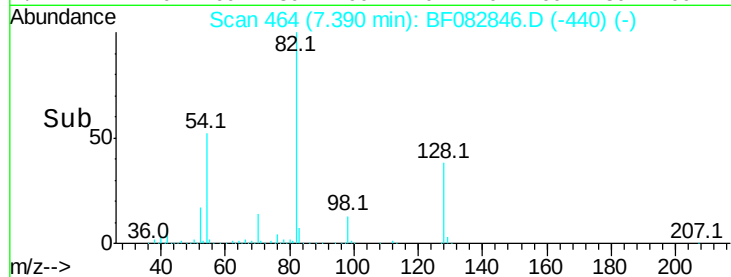
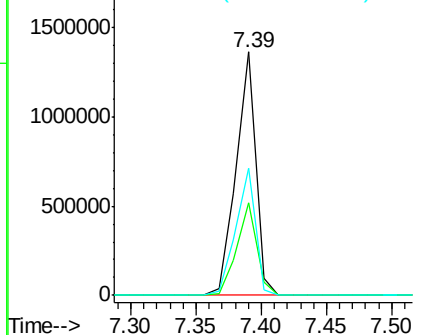
#23
 Nitrobenzene-d5
 Concen: 71.58 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082846.D
 Acq: 9 Nov 2015 23:19

Instrument :
 BNA_F
 ClientSampled :
 T-4R

Tot Ion: 82 Resp: 1422860
 Ion Ratio Lower Upper
 82 100
 128 38.1 26.8 40.2
 54 52.2 45.7 68.5

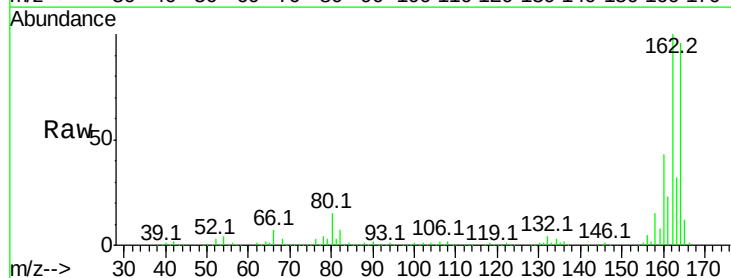


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

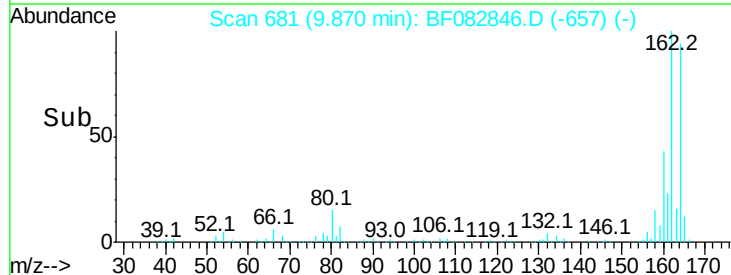
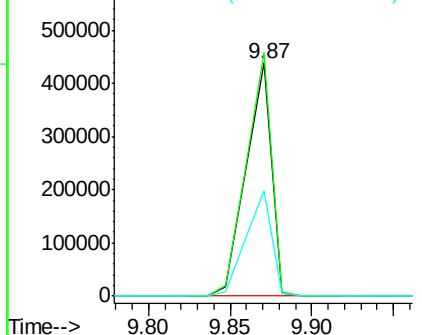


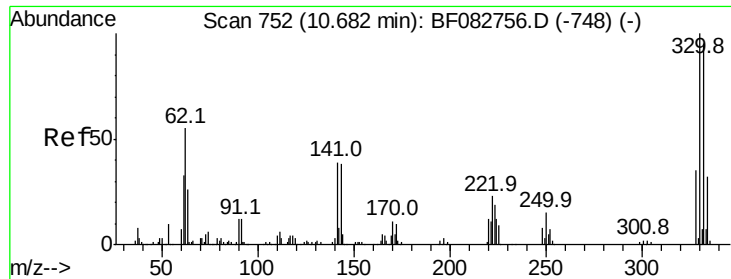
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082846.D
 Acq: 9 Nov 2015 23:19

Tgt Ion: 164 Resp: 472269
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.9 127.3
 160 45.0 37.5 56.3



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

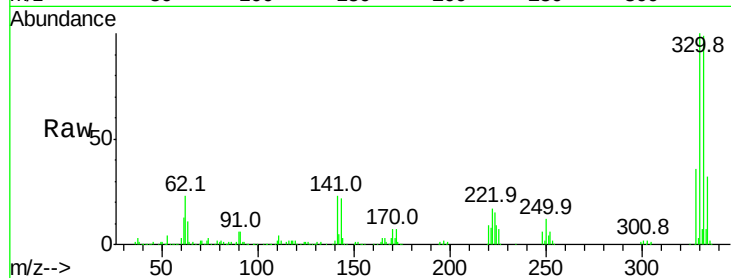




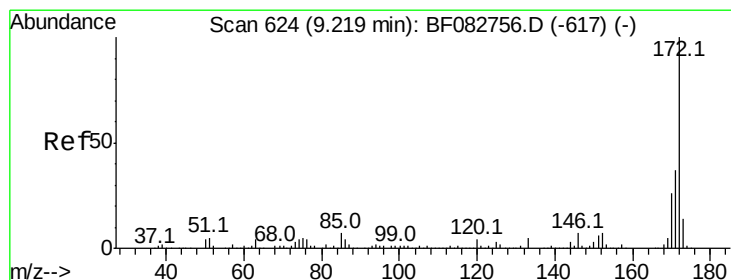
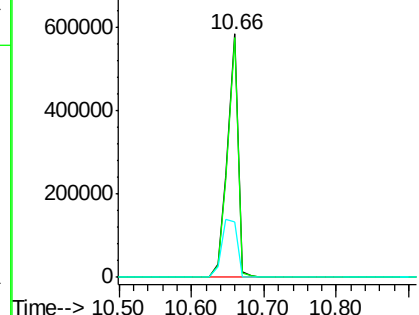
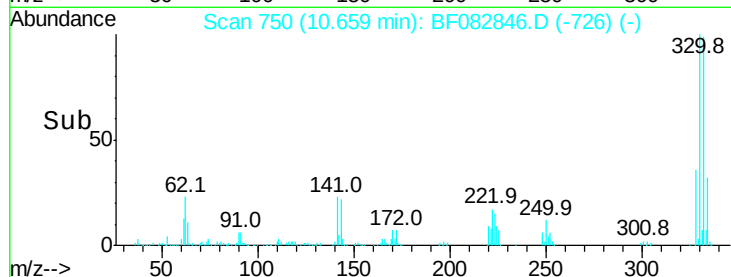
#41
 2,4,6-Tribromophenol
 Concen: 111.91 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082846.D
 Acq: 9 Nov 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 T-4R

Tot Ion:330 Resp: 605970
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 34.4 41.2 61.8#

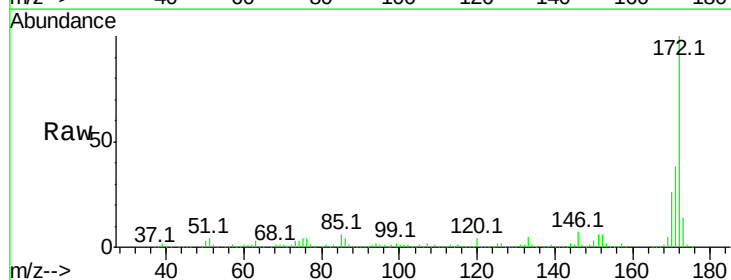


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

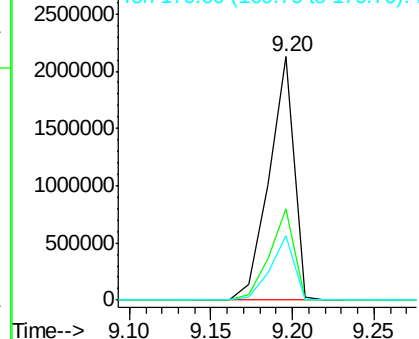
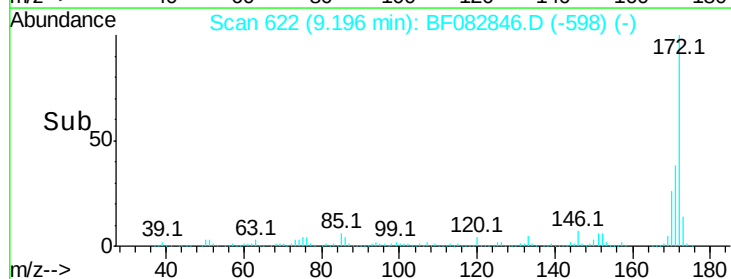


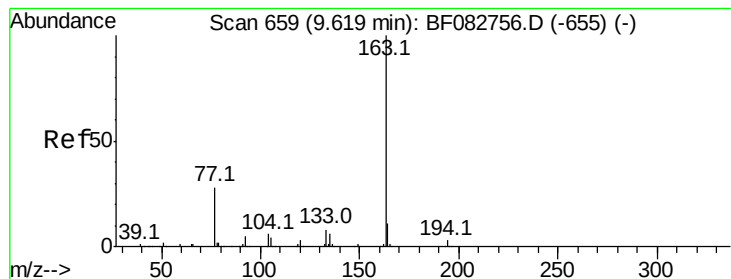
#44
 2-Fluorobiphenyl
 Concen: 68.91 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082846.D
 Acq: 9 Nov 2015 23:19

Tgt Ion:172 Resp: 2270741
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 26.2 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: 15.92 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampleId :

T-4R

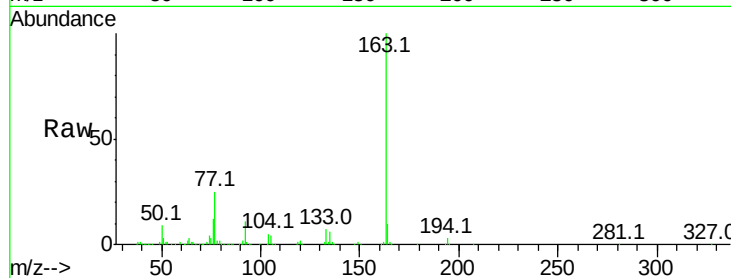
Tot Ion:163 Resp: 615908

Ion Ratio Lower Upper

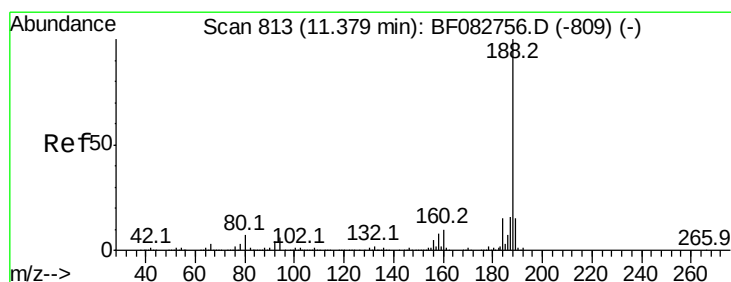
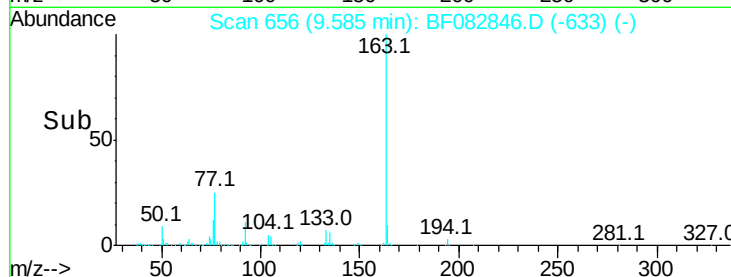
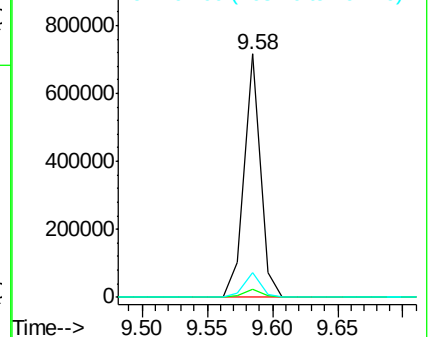
163 100

194 3.4 2.6 4.0

164 10.2 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: BF082846.D

Acq: 9 Nov 2015 23:19

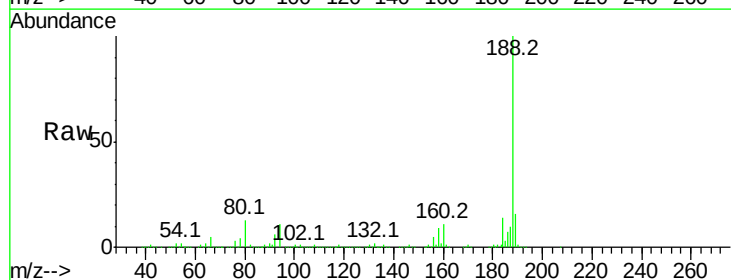
Tgt Ion:188 Resp: 840909

Ion Ratio Lower Upper

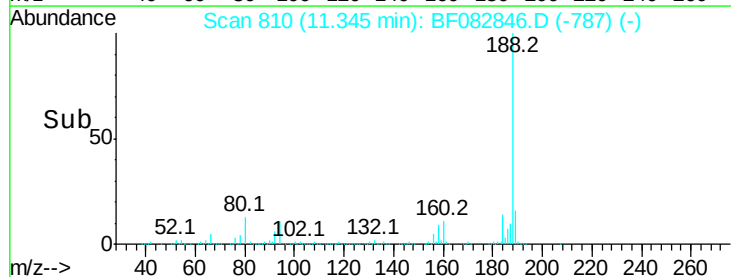
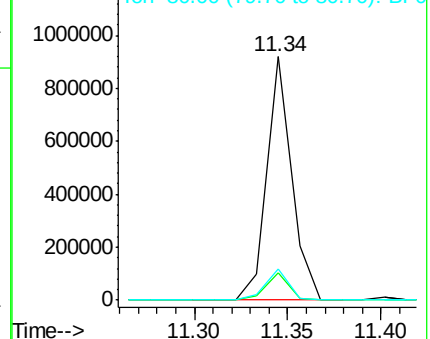
188 100

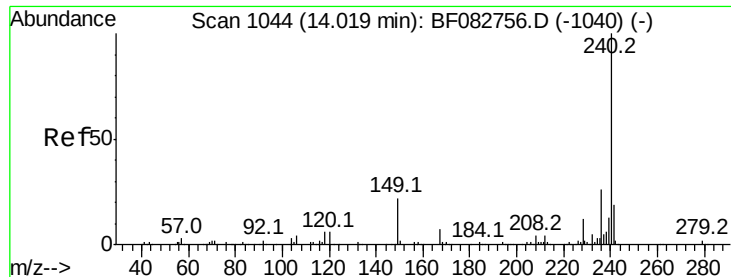
94 11.4 6.1 9.1#

80 12.8 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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampleId :

T-4R

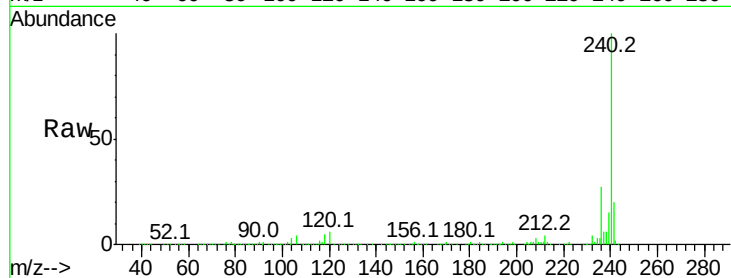
Tot Ion:240 Resp: 845907

Ion Ratio Lower Upper

240 100

120 6.2 10.9 16.3#

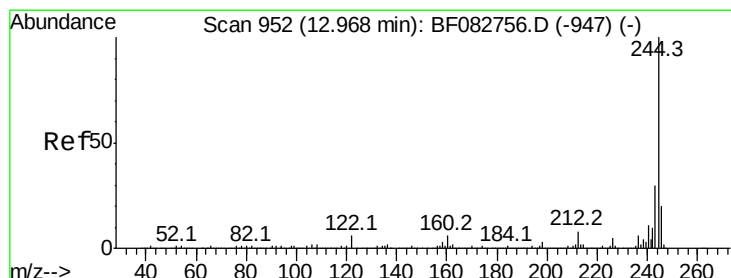
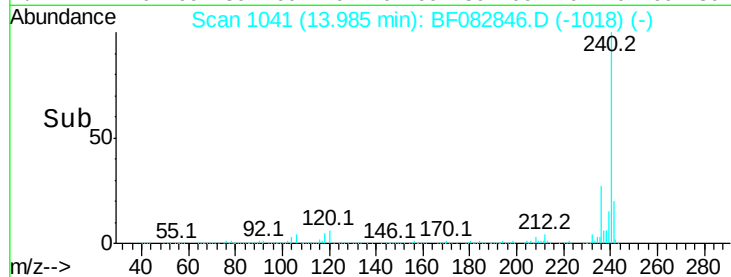
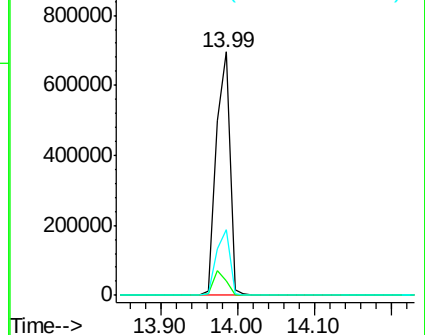
236 26.8 21.6 32.4



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: 51.09 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

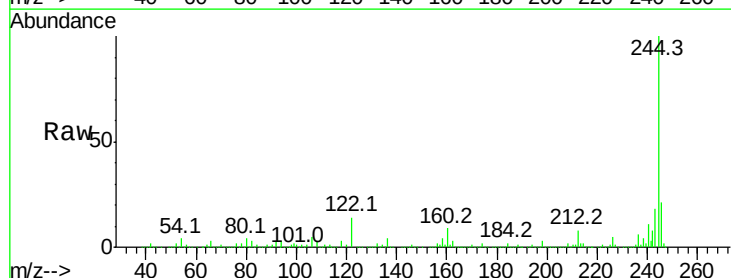
Tgt Ion:244 Resp: 1822199

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

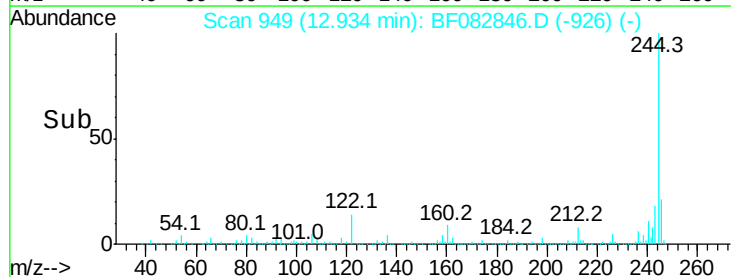
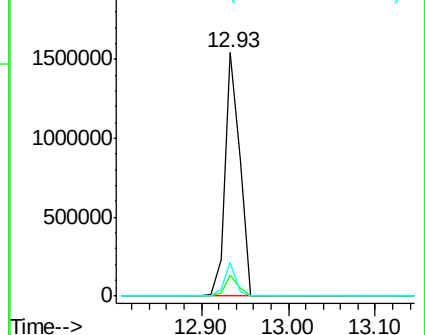
122 14.0 11.3 16.9

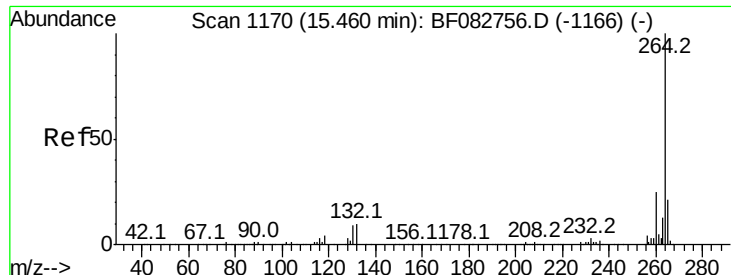


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

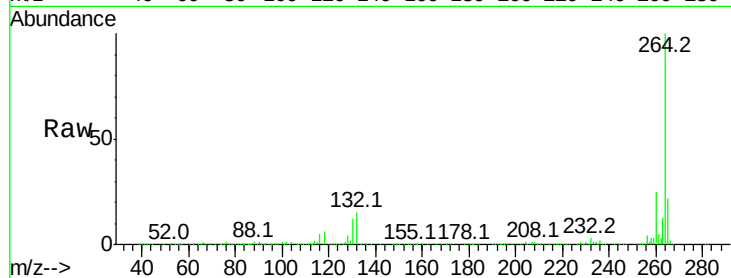




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082846.D
 Acq: 9 Nov 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 T-4R

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.7	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

