

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082646.D
 Acq On : 2 Nov 2015 22:31
 Operator : UM/IZ
 Sample : G4238-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-16C

Quant Time: Nov 03 05:42:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

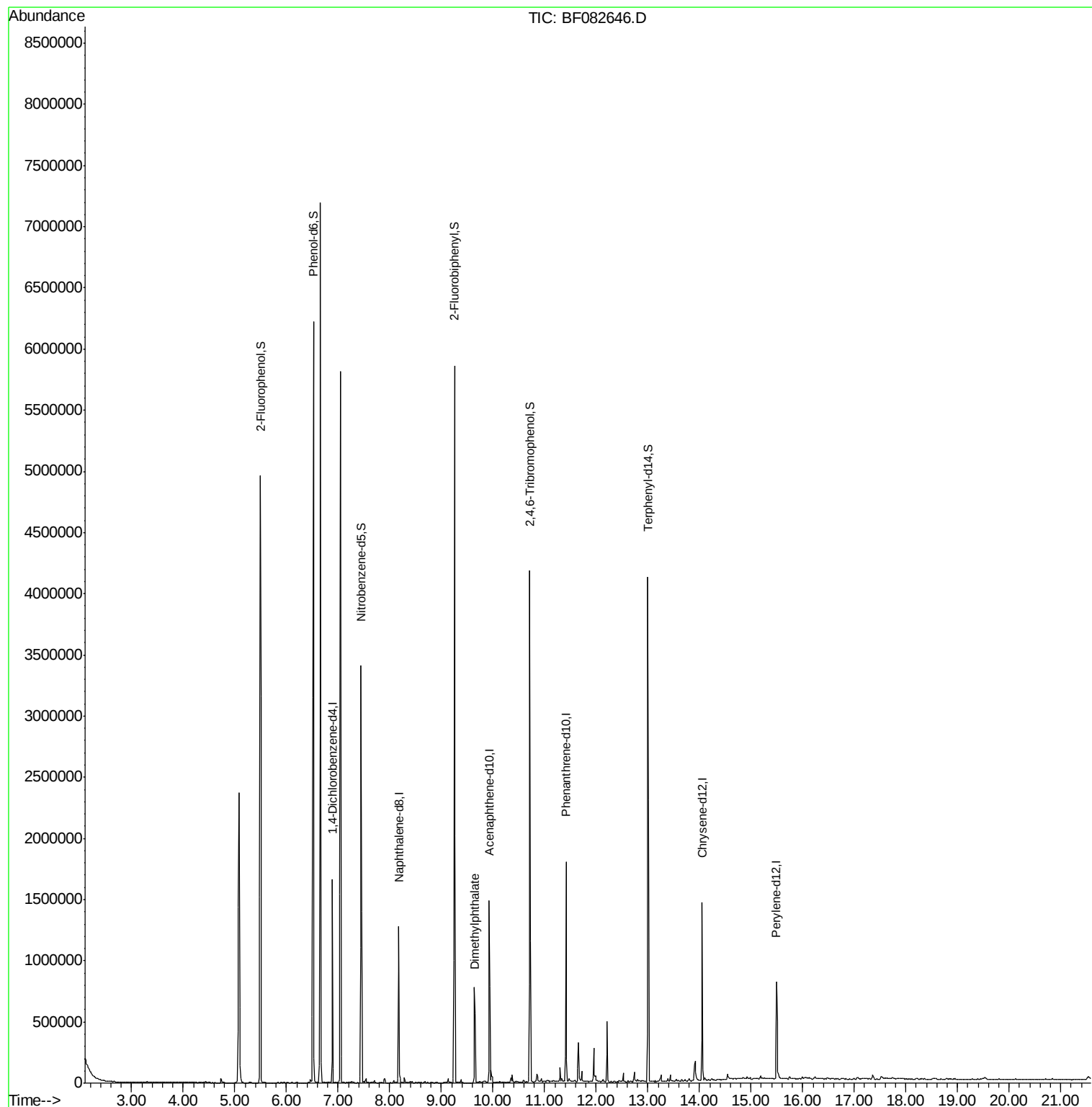
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	210390	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	717709	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	327836	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	582725	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	479652	20.00	ng	-0.02
86) Perylene-d12	15.49	264	398889	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1775436	127.10	ng	-0.01
7) Phenol-d6	6.52	99	2201790	118.65	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1431187	81.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	486409	135.57	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1957990	84.80	ng	-0.02
78) Terphenyl-d14	13.00	244	1542506	70.38	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.65	163	418740	15.64	ng	Qvalue # 96

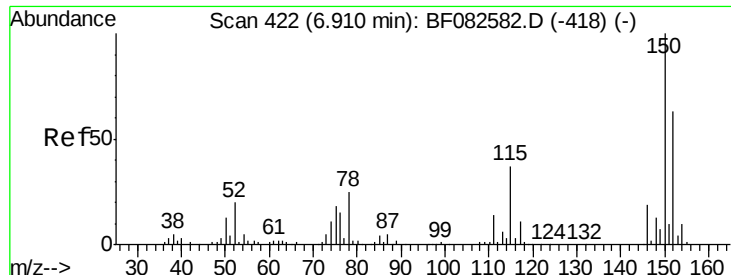
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Nov 03 05:42:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
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QLast Update : Sat Oct 31 00:17:39 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

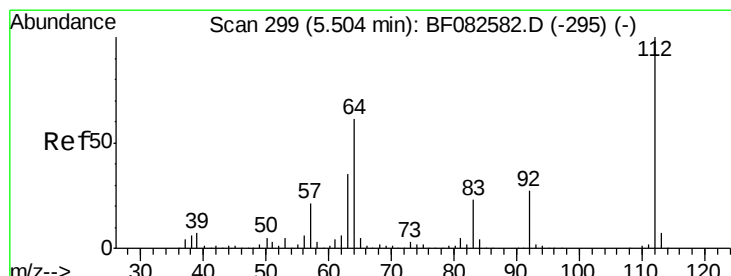
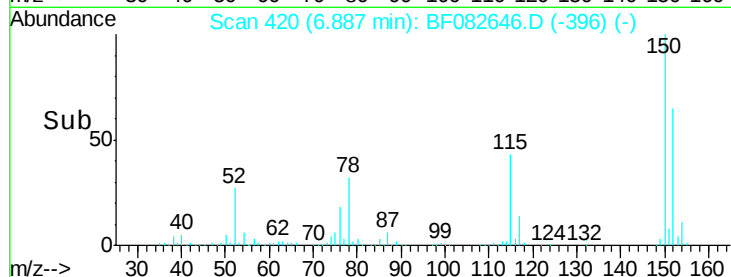
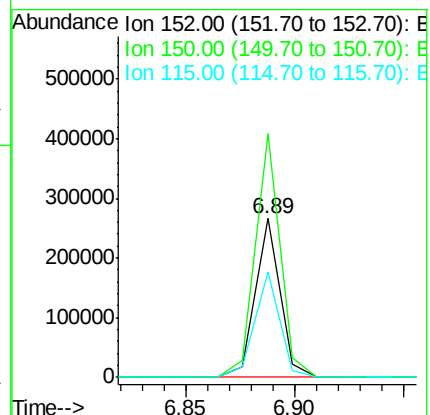
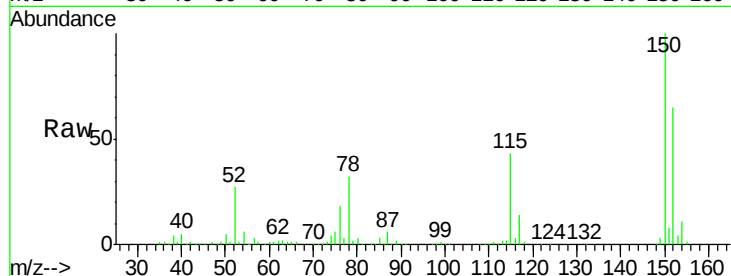
Tot Ion:152 Resp: 210390

Ion Ratio Lower Upper

152 100

150 153.3 127.0 190.4

115 66.4 47.0 70.6



#5

2-Fluorophenol

Concen: 127.10 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.01 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

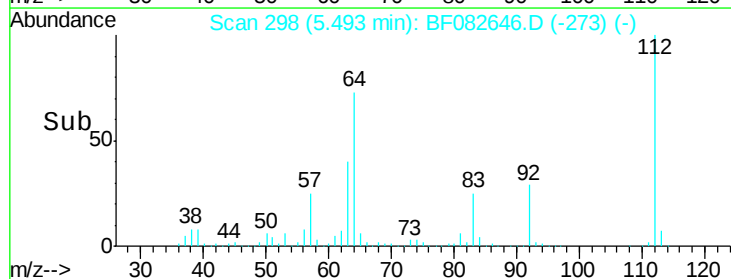
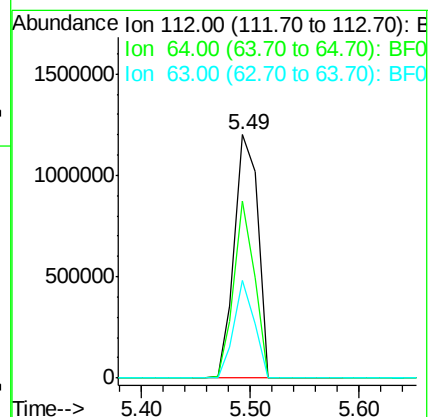
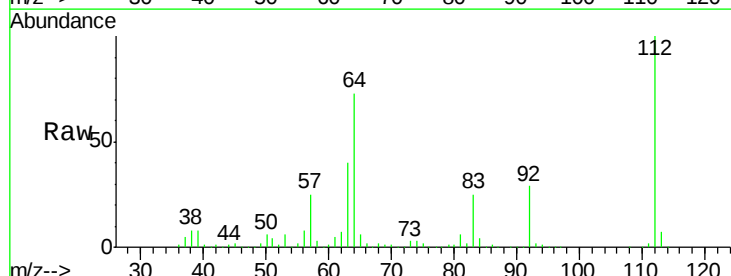
Tgt Ion:112 Resp: 1775436

Ion Ratio Lower Upper

112 100

64 72.6 48.9 73.3

63 40.1 28.1 42.1





#7

Phenol-d6

Concen: 118.65 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

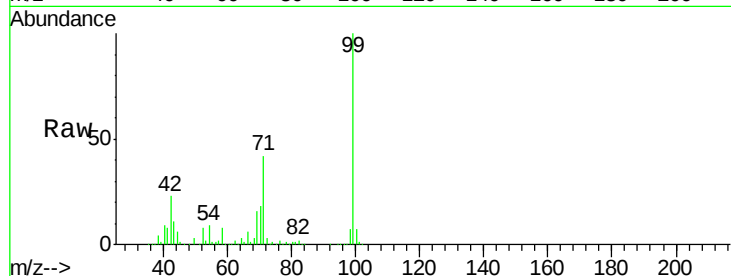
Tot Ion: 99 Resp: 2201790

Ion Ratio Lower Upper

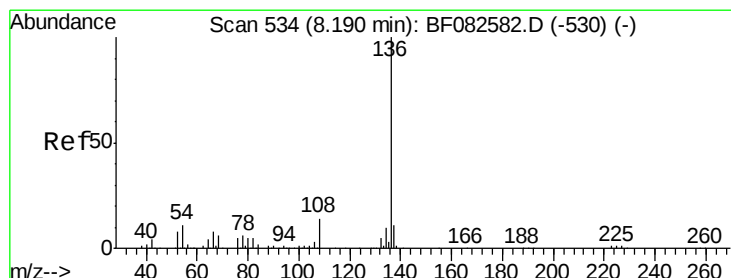
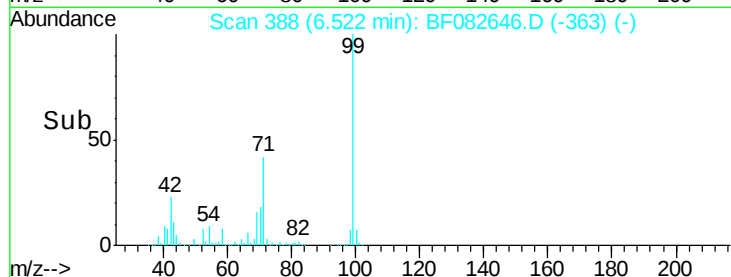
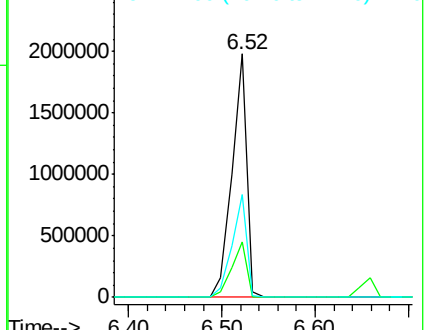
99 100

42 22.6 19.2 28.8

71 42.4 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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Tgt Ion: 136 Resp: 717709

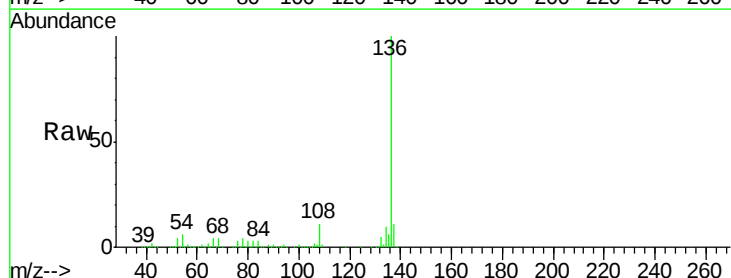
Ion Ratio Lower Upper

136 100

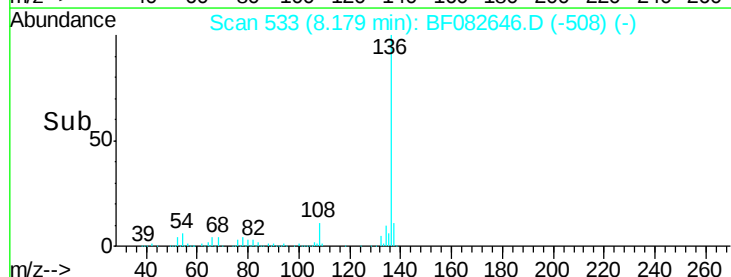
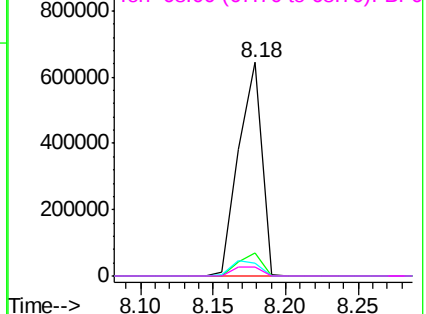
137 10.6 9.1 13.7

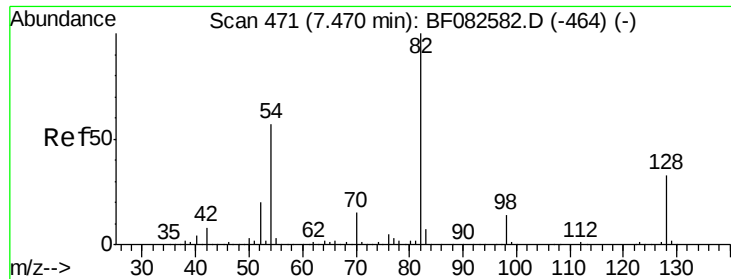
54 5.9 9.1 13.7#

68 4.1 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



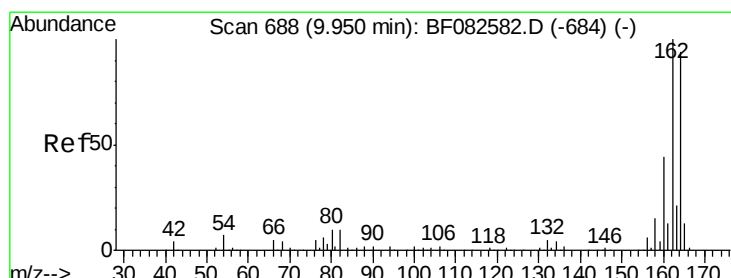
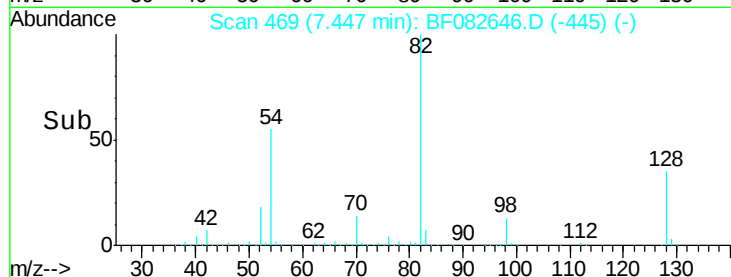
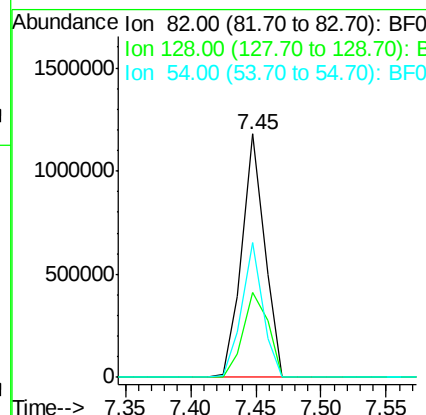
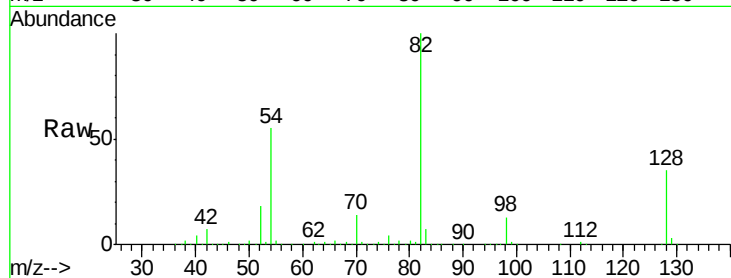


#23
 Nitrobenzene-d5
 Concen: 81.43 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Instrument :
 BNA_F
 ClientSampleId :
 T-16C

Tot Ion: 82 Resp: 1431187

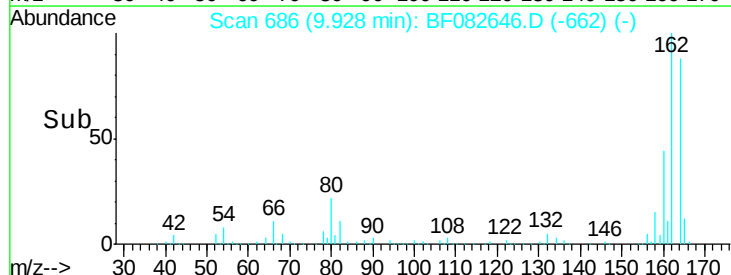
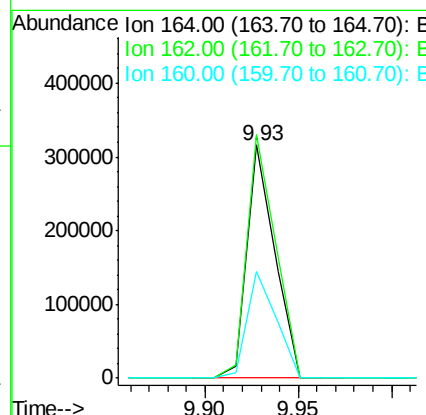
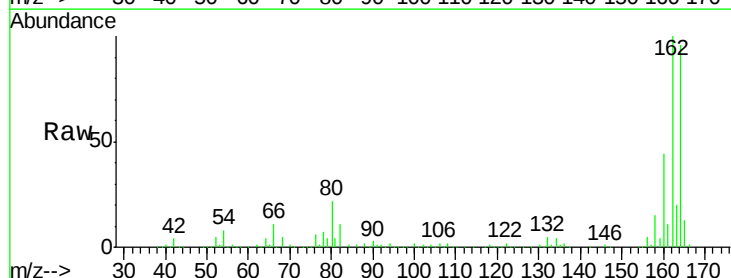
Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.8	40.2
54	55.4	45.7	68.5

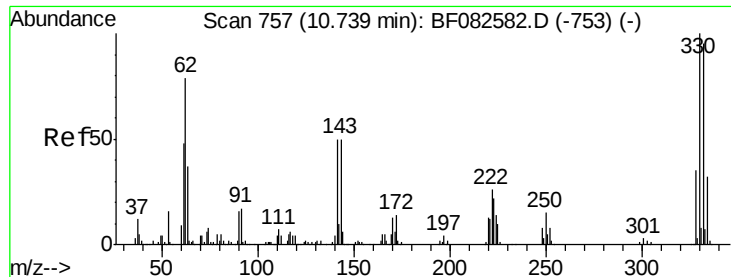


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Tgt Ion:164 Resp: 327836

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.9	127.3
160	45.5	37.5	56.3

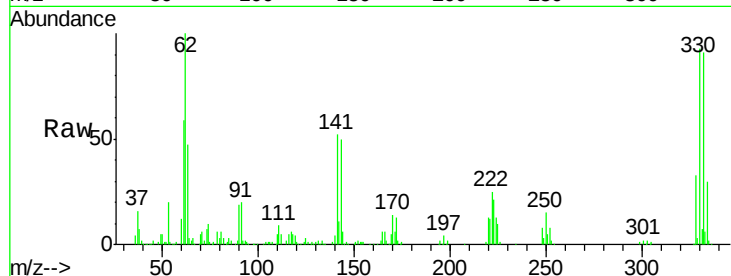




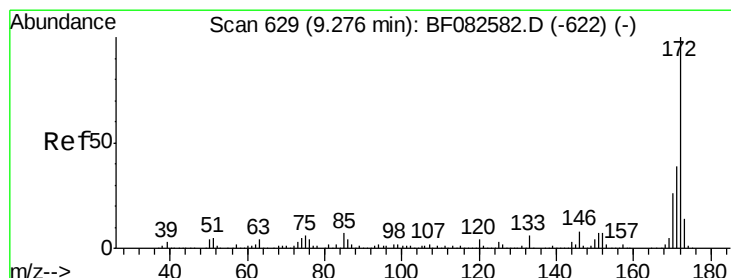
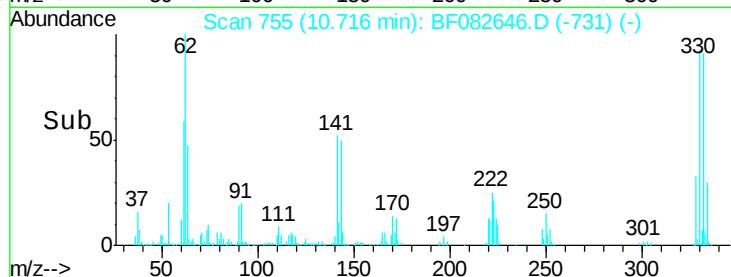
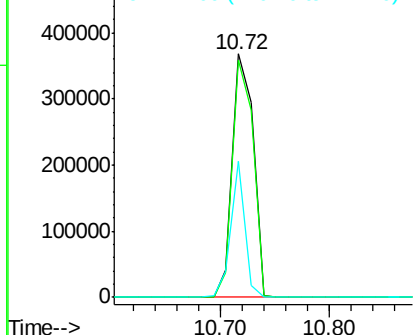
#41
 2,4,6-Tribromophenol
 Concen: 135.57 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Instrument :
 BNA_F
 ClientSampled :
 T-16C

Tot Ion:330 Resp: 486409
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 37.7 41.2 61.8#

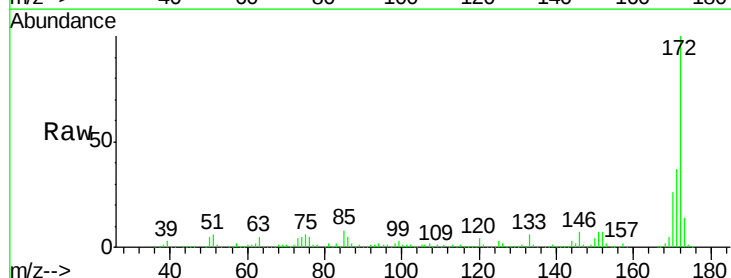


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

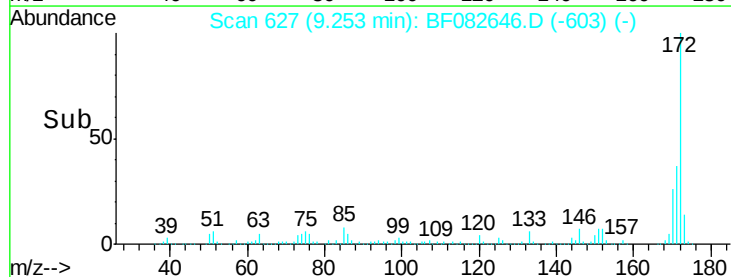
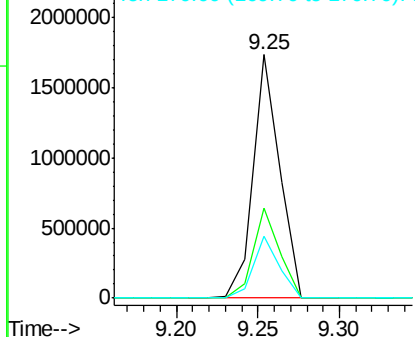


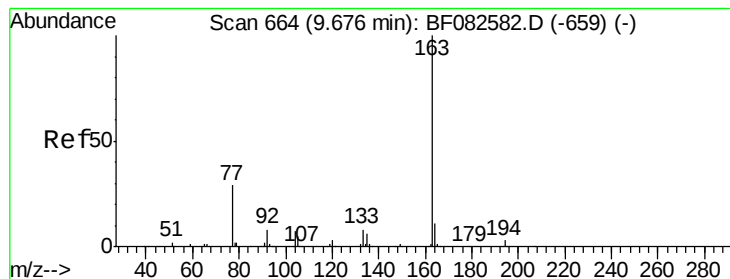
#44
 2-Fluorobiphenyl
 Concen: 84.80 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Tgt Ion:172 Resp: 1957990
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.6 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: 15.64 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

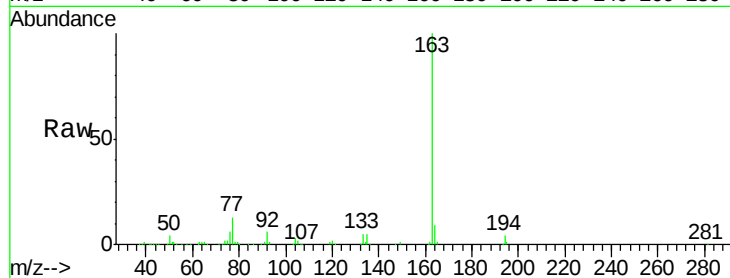
Tot Ion:163 Resp: 418740

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

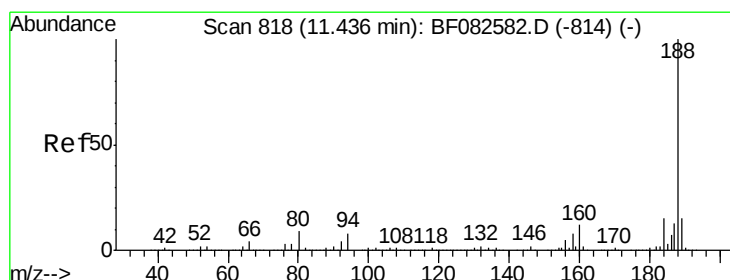
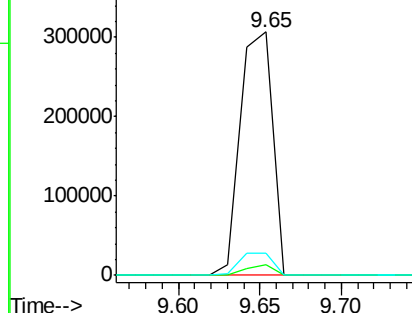
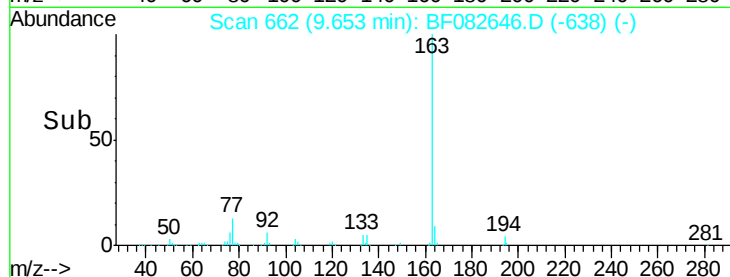
164 9.2 8.7 13.1



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: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

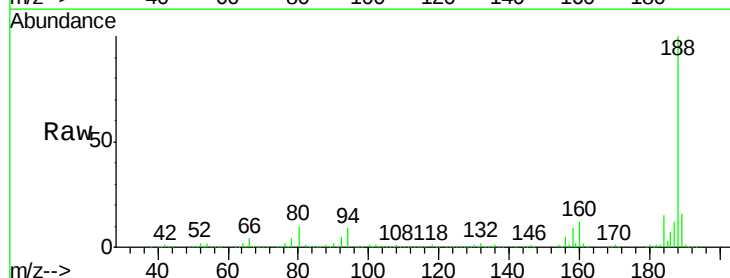
Tgt Ion:188 Resp: 582725

Ion Ratio Lower Upper

188 100

94 9.2 6.1 9.1#

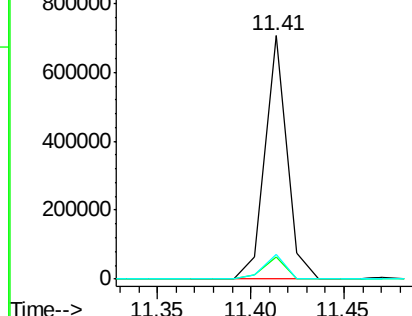
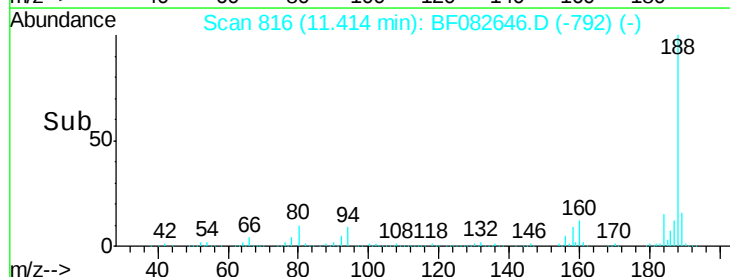
80 10.0 7.0 10.6

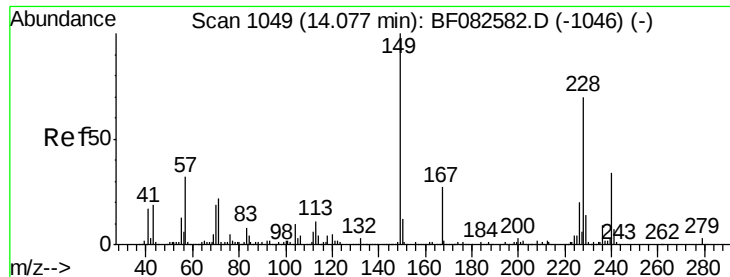


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

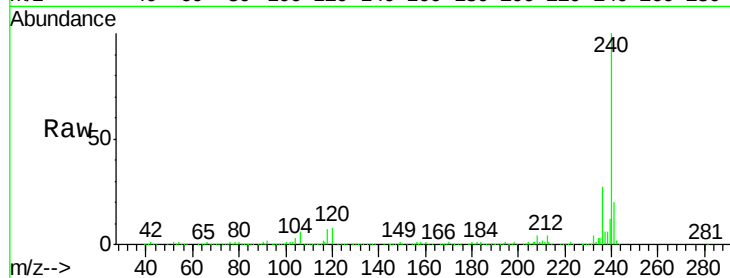
Tot Ion:240 Resp: 479652

Ion Ratio Lower Upper

240 100

120 7.9 10.9 16.3#

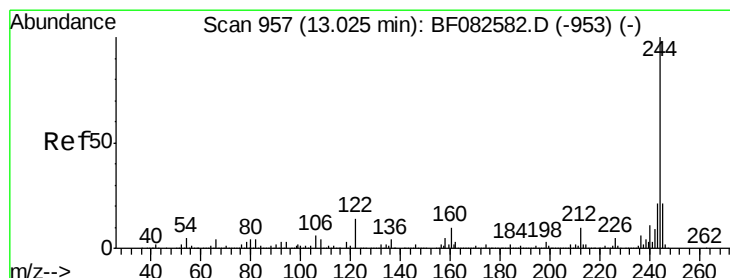
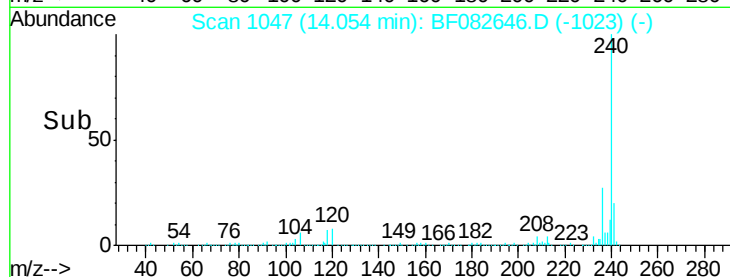
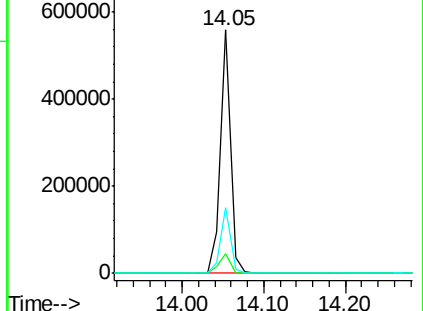
236 27.1 21.6 32.4



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: 70.38 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

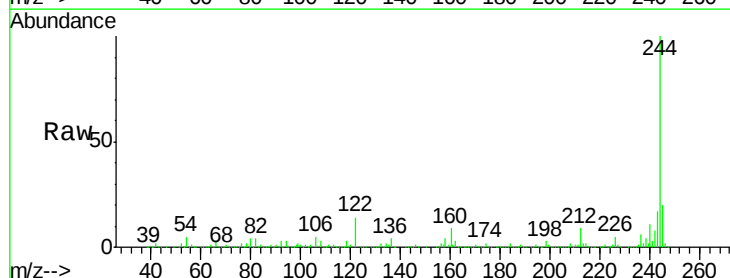
Tgt Ion:244 Resp: 1542506

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

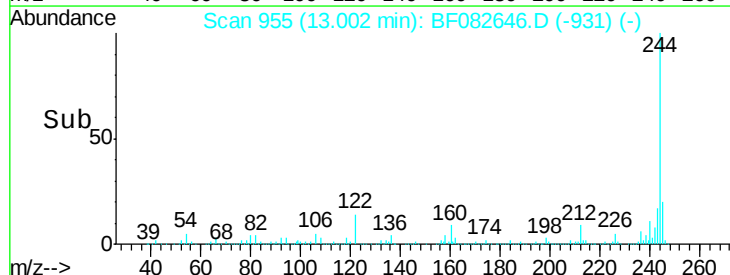
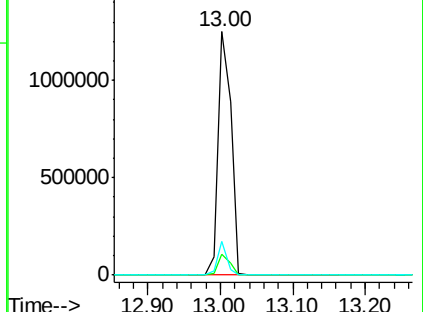
122 13.7 11.3 16.9

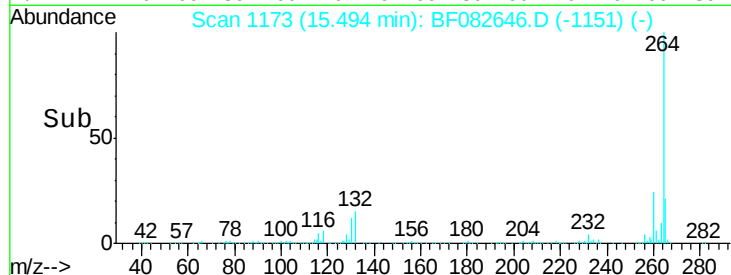
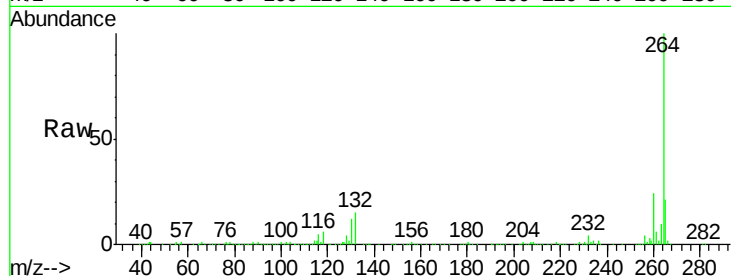
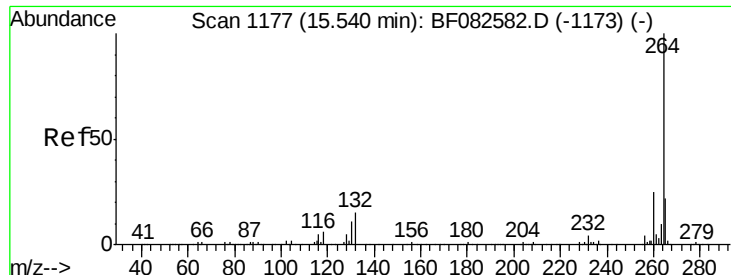


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 1173
 Delta R.T. -0.05 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Instrument :
 BNA_F
 ClientSampleId :
 T-16C

Tot Ion:264	Resp:	398889
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.8 29.6
265	21.2	17.4 26.0

