

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082418.D
 Acq On : 21 Oct 2015 21:53
 Operator : UM/IZ
 Sample : G4117-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

Quant Time: Oct 22 10:48:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

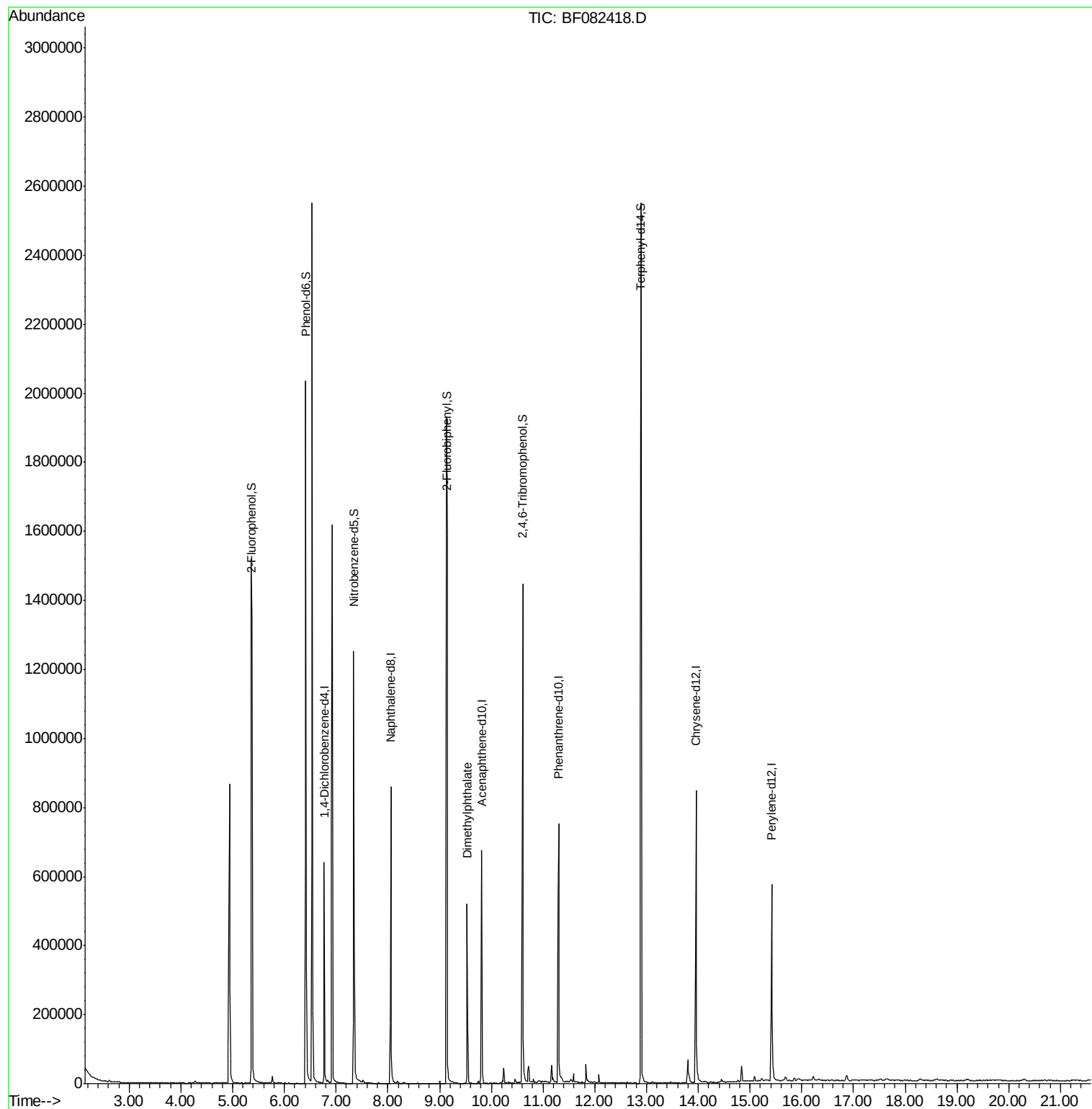
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108371	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	424596	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	209690	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	414651	20.00	ng	0.00
75) Chrysene-d12	13.96	240	369842	20.00	ng	-0.06
86) Perylene-d12	15.42	264	275723	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	640319	119.25	ng	0.01
7) Phenol-d6	6.41	99	797258	114.09	ng	-0.01
23) Nitrobenzene-d5	7.34	82	489800	77.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	175638	89.31	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	946870	74.88	ng	0.00
78) Terphenyl-d14	12.89	244	902207	64.64	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	236452	16.01	ng	100

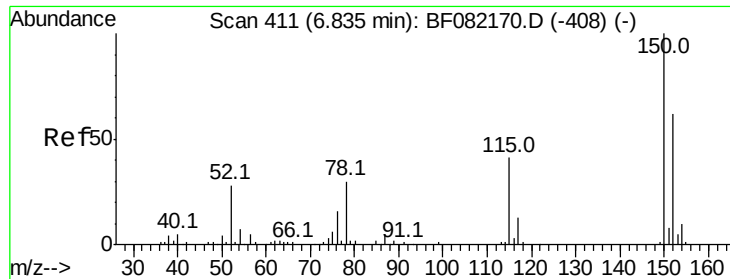
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

Instrument :

BNA_F

ClientSampleId :

AB-AC-07(0-2)

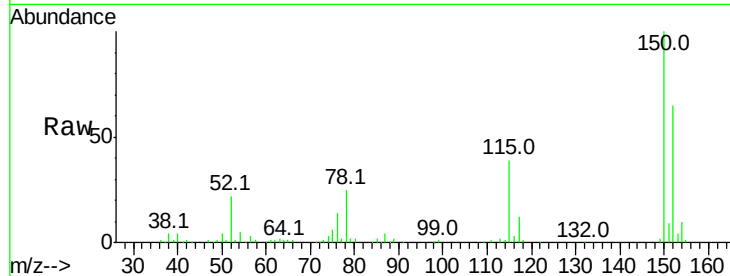
Tot Ion:152 Resp: 108371

Ion Ratio Lower Upper

152 100

150 153.6 129.0 193.4

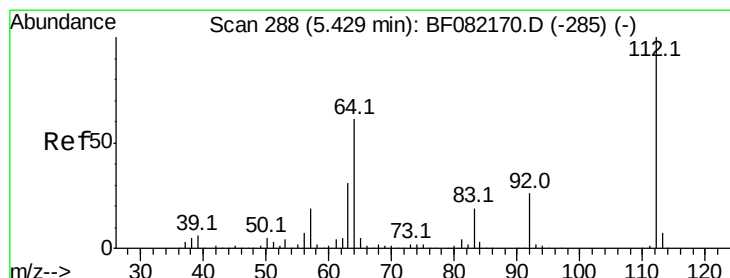
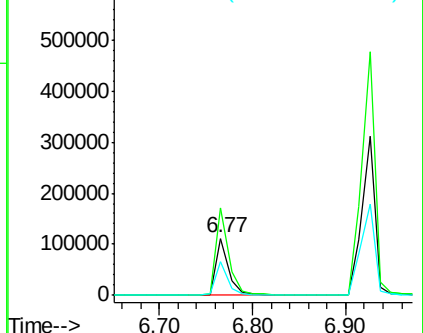
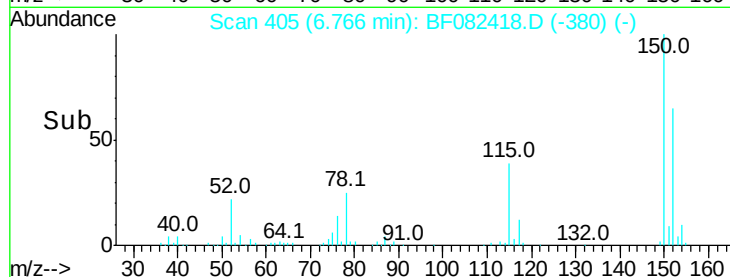
115 59.3 52.1 78.1



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: 119.25 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

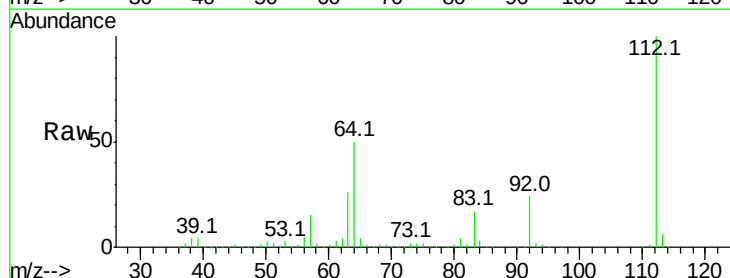
Tgt Ion:112 Resp: 640319

Ion Ratio Lower Upper

112 100

64 50.3 48.6 73.0

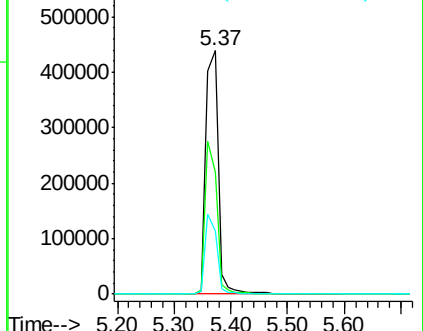
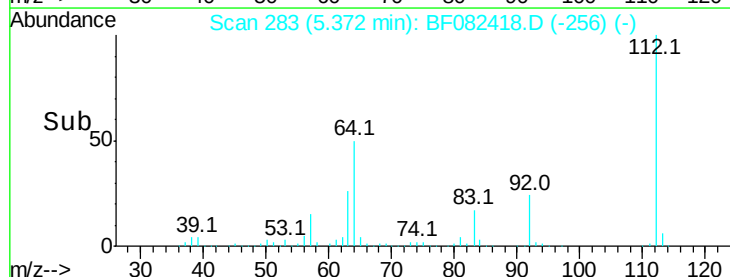
63 26.1 25.1 37.7

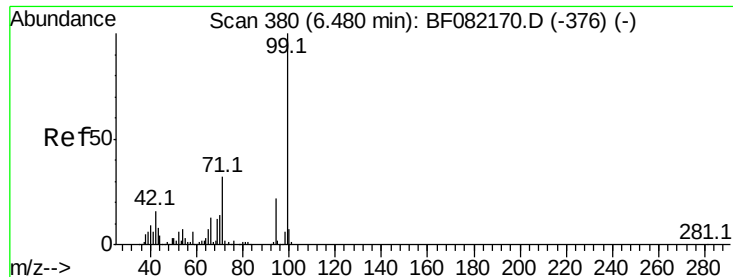


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.09 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

Instrument :

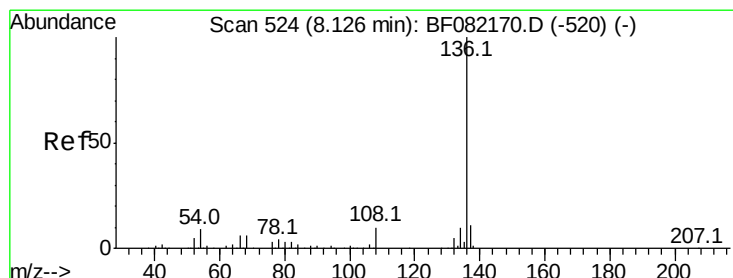
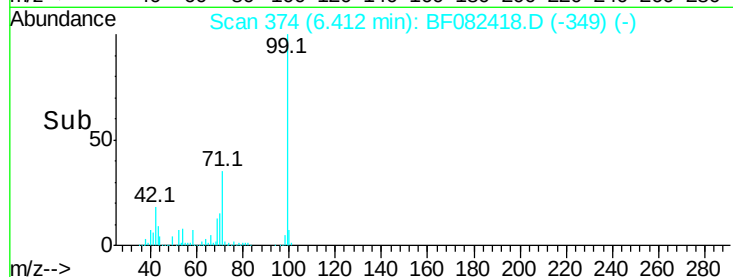
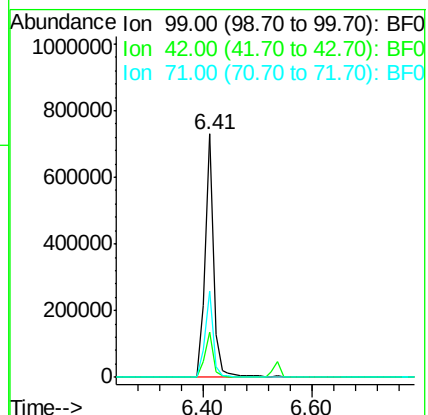
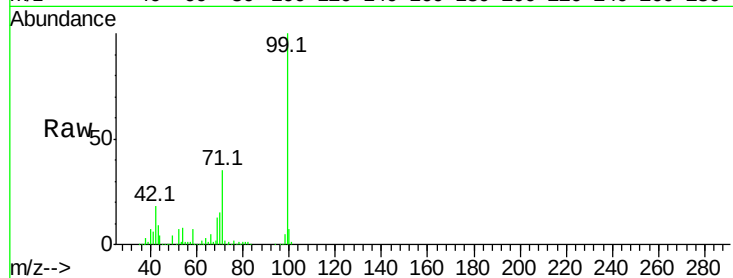
BNA_F

ClientSampleId :

AB-AC-07(0-2)

Tot Ion: 99 Resp: 797258

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.2	19.8
71	35.3	25.6	38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

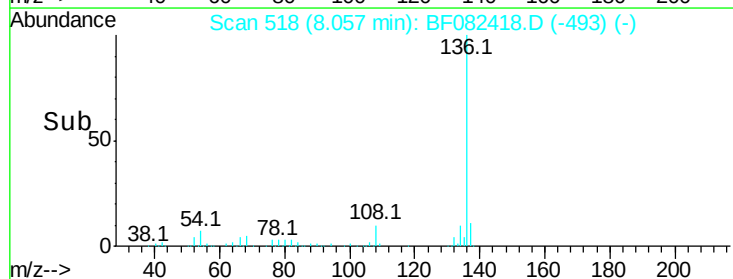
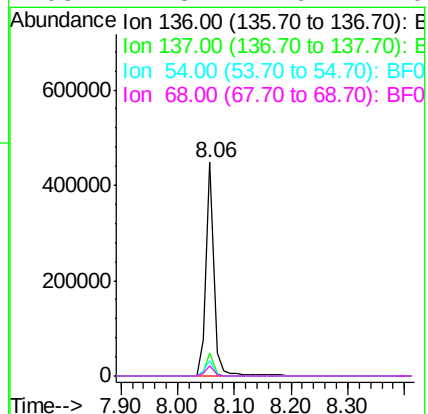
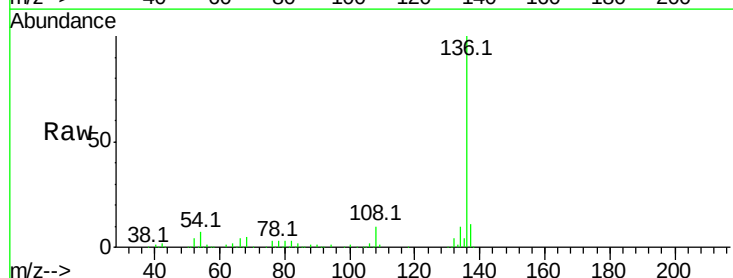
Delta R.T. -0.01 min

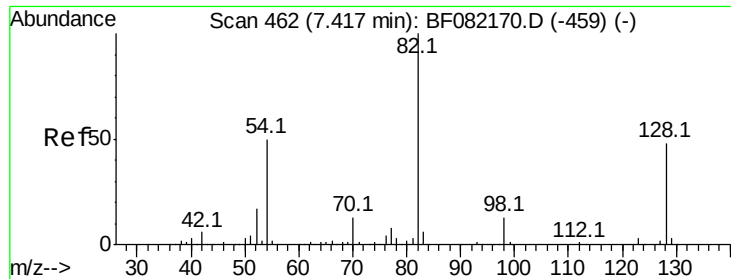
Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

Tgt Ion: 136 Resp: 424596

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.3	7.5	11.3#
68	4.8	4.6	7.0

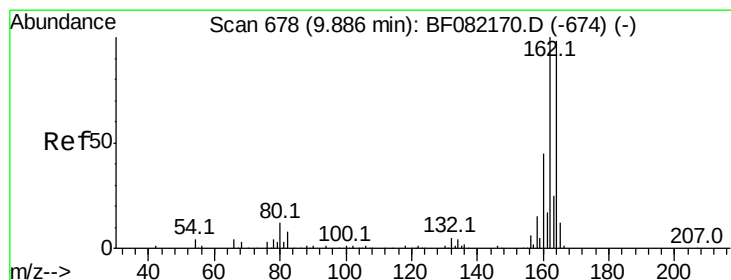
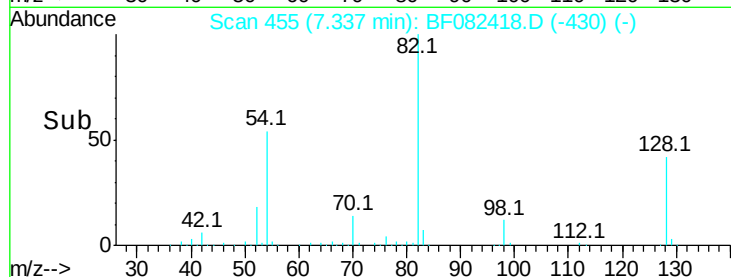
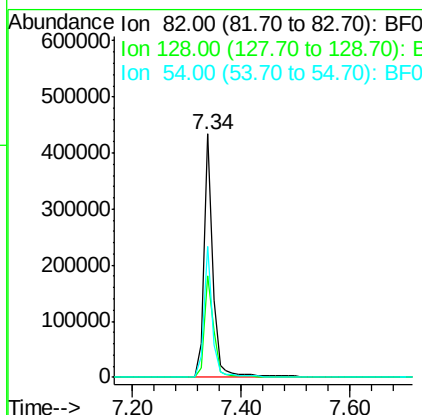
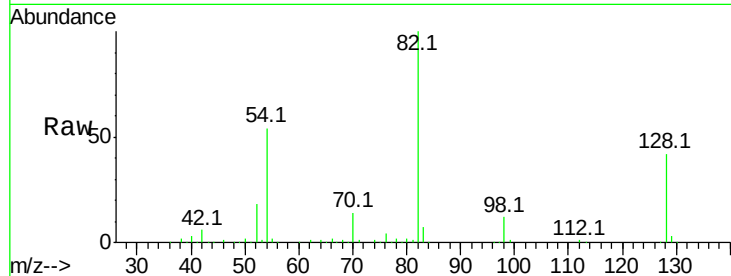




#23
 Nitrobenzene-d5
 Concen: 77.47 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

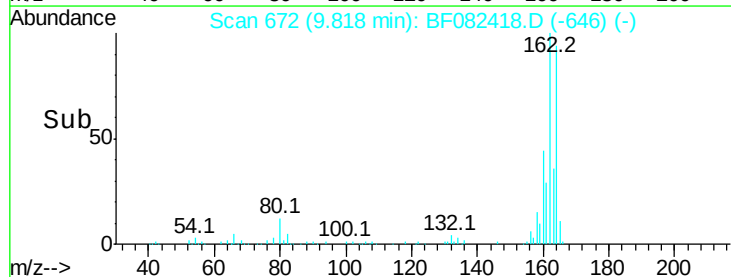
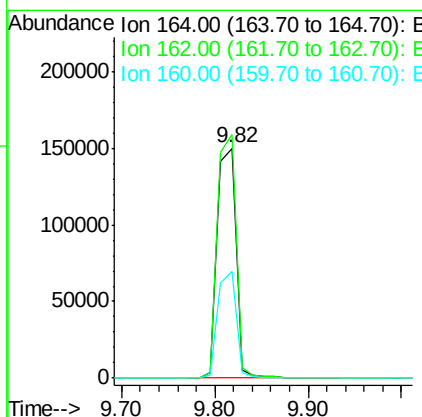
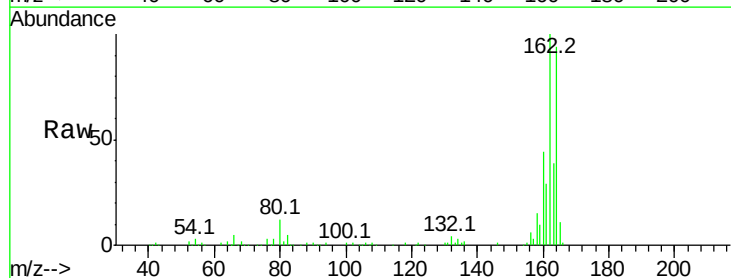
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

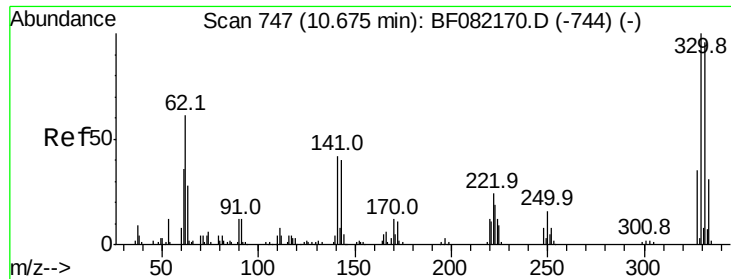
Tot Ion	82	Resp	489800
Ion Ratio	Lower	Upper	
82	100		
128	41.7	38.7	58.1
54	54.0	40.1	60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Tgt Ion	164	Resp	209690
Ion Ratio	Lower	Upper	
164	100		
162	106.0	81.6	122.4
160	46.5	36.4	54.6

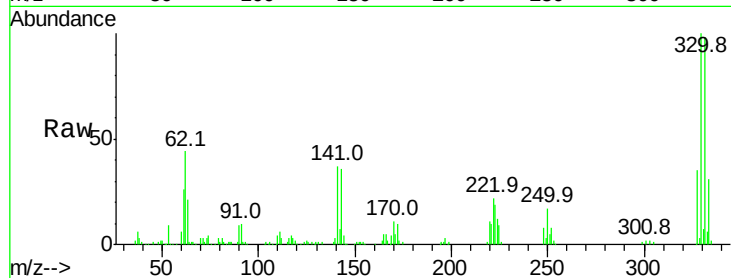




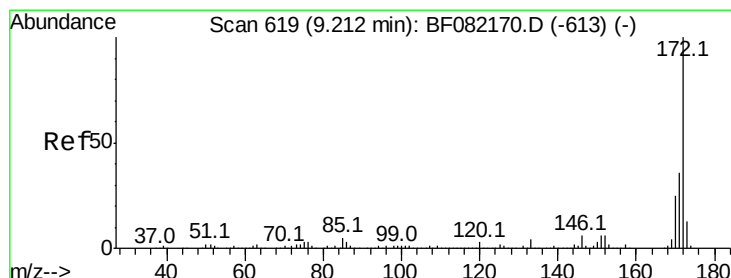
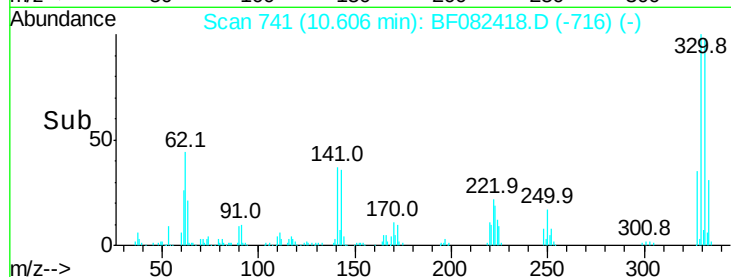
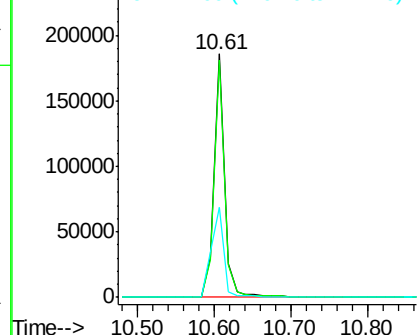
#41
 2,4,6-Tribromophenol
 Concen: 89.31 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	44.2	29.8	44.8

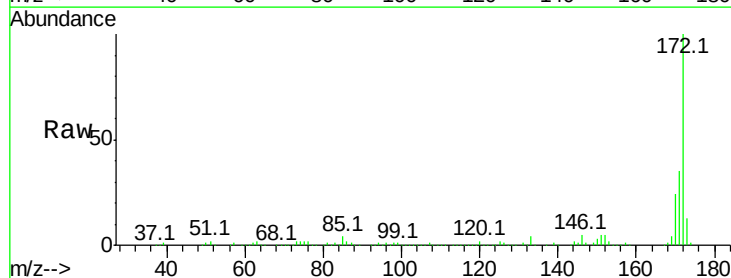


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

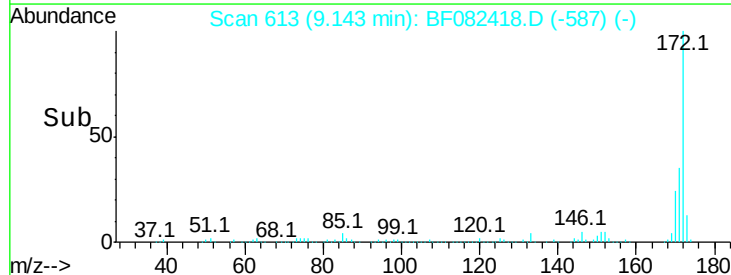
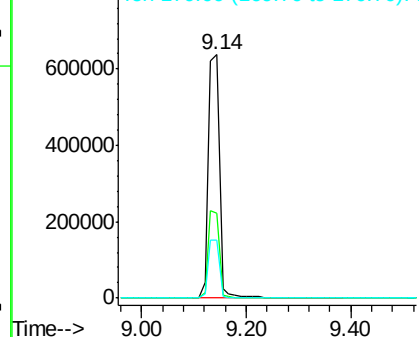


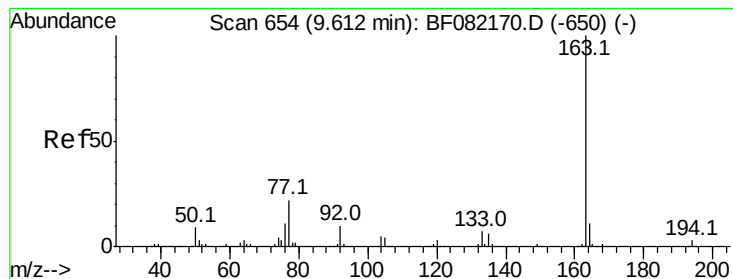
#44
 2-Fluorobiphenyl
 Concen: 74.88 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.8	19.7	29.5



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: 16.01 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

Instrument :

BNA_F

ClientSampleId :

AB-AC-07(0-2)

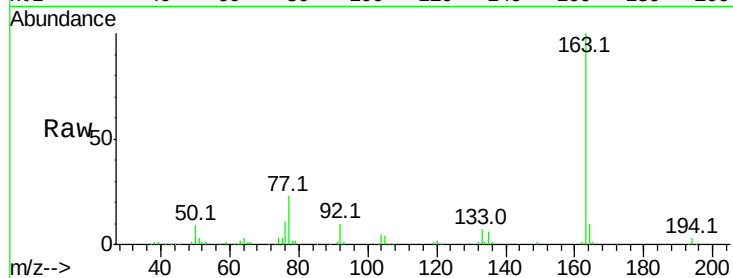
Tot Ion:163 Resp: 236452

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

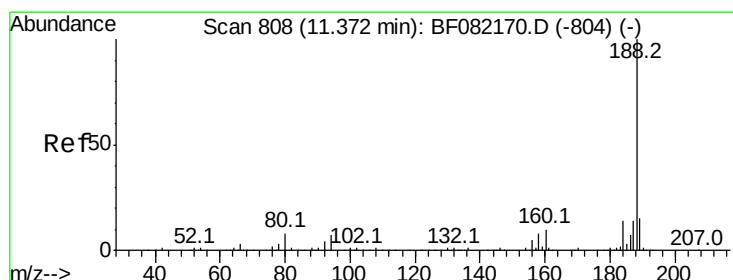
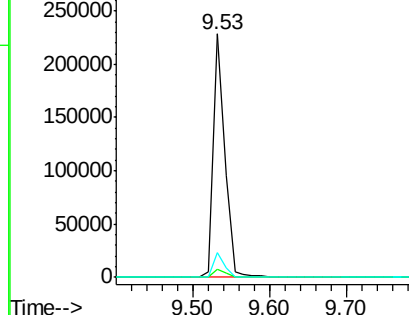
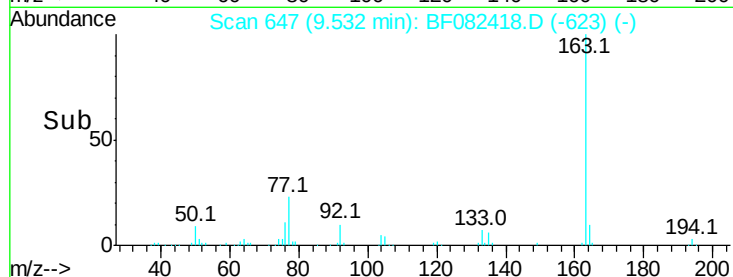
164 10.4 8.5 12.7



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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

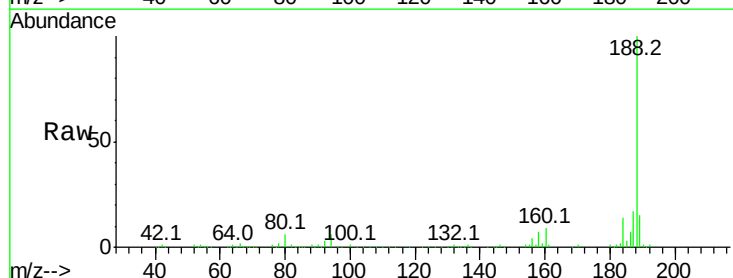
Tgt Ion:188 Resp: 414651

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.6

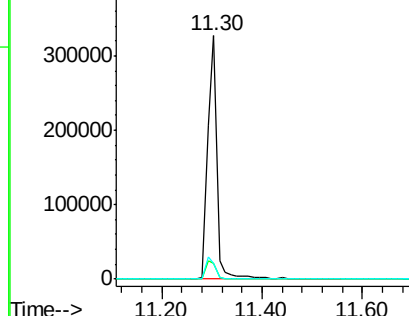
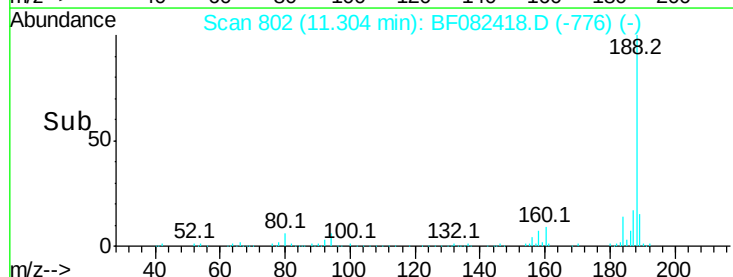
80 6.3 6.4 9.6#

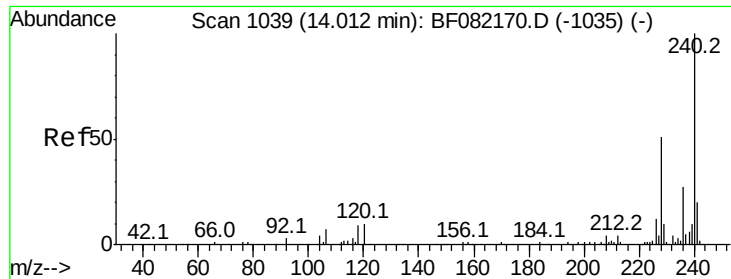


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

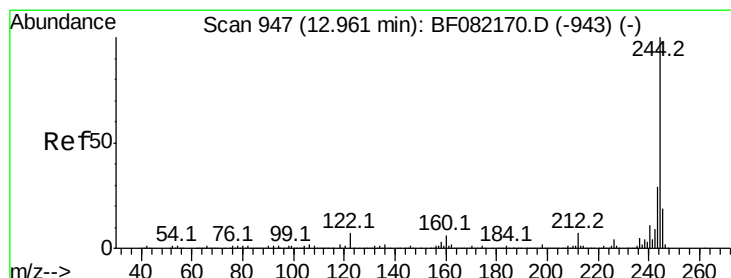
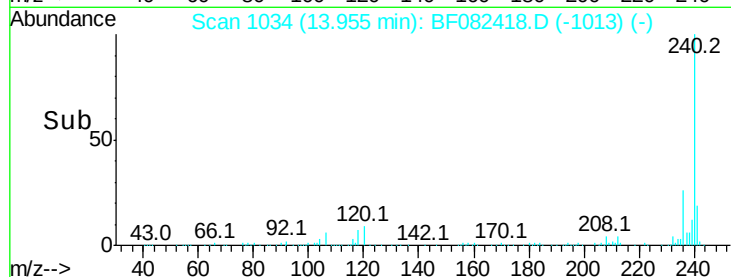
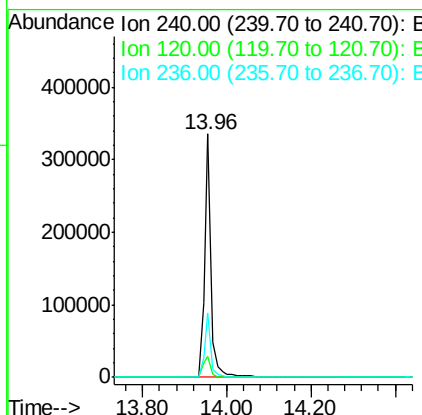
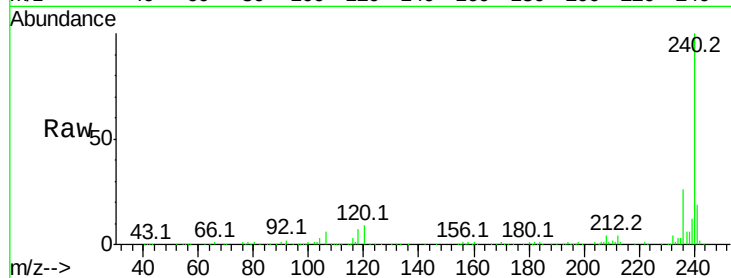




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

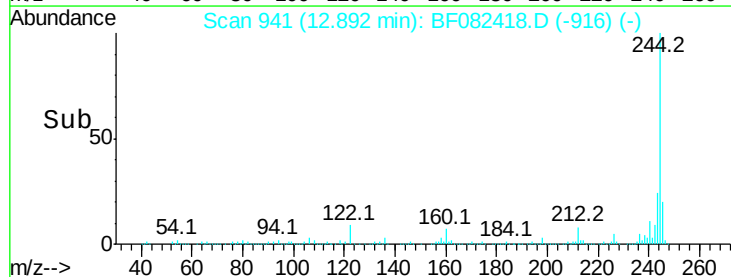
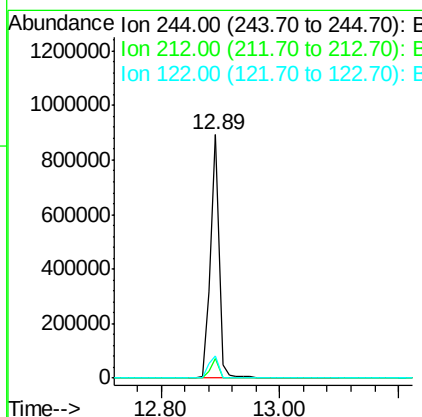
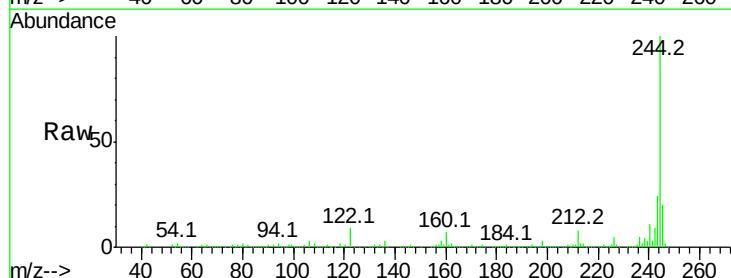
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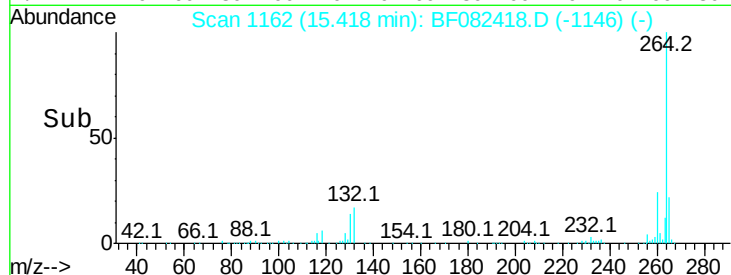
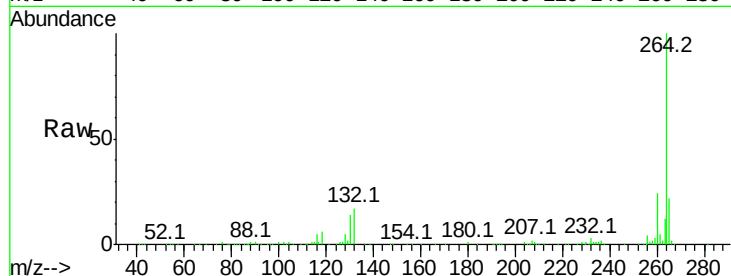
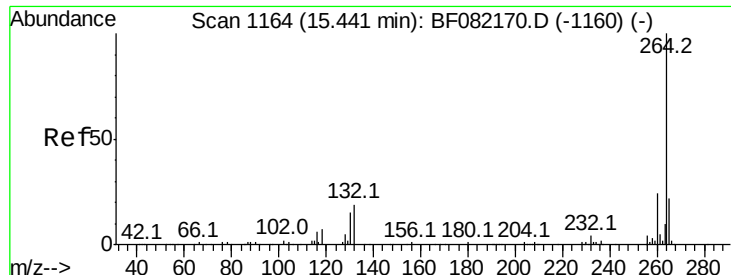
Tot Ion:240 Resp: 369842
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.1 12.1
 236 26.3 21.3 31.9



#78
 Terphenyl-d14
 Concen: 64.64 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Tgt Ion:244 Resp: 902207
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 9.2 5.9 8.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1162
 Delta R.T. -0.11 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

Tot Ion:	264	Resp:	275723
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.2	17.3	25.9

