

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082431.D
 Acq On : 22 Oct 2015 5:06
 Operator : UM/IZ
 Sample : G4116-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Quant Time: Oct 22 16:20:07 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

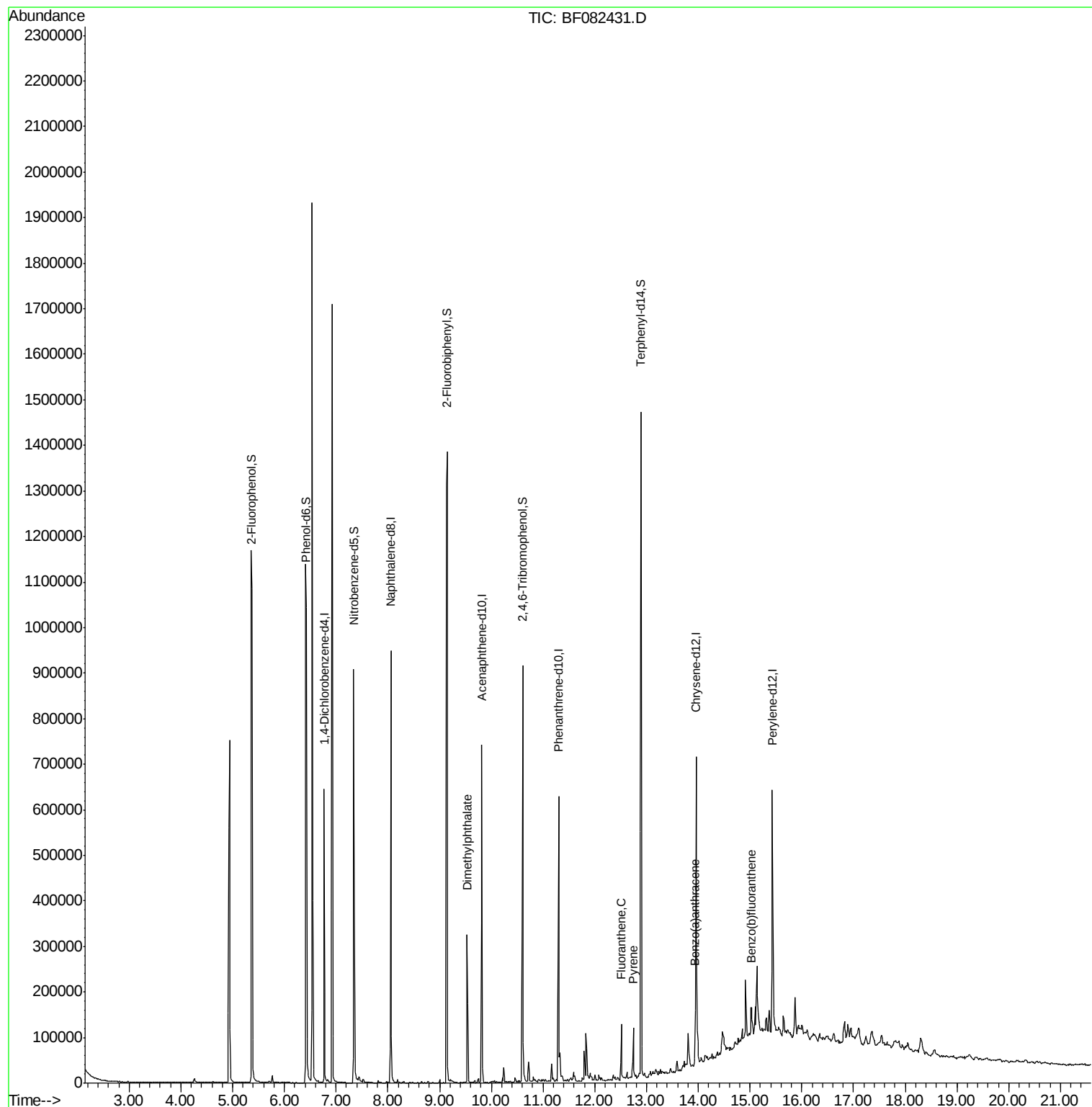
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107074	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	409409	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	173594	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	284099	20.00	ng	0.00
75) Chrysene-d12	13.96	240	254963	20.00	ng	-0.06
86) Perylene-d12	15.43	264	253861	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	494840	93.27	ng	0.01
7) Phenol-d6	6.42	99	630942	91.39	ng	0.00
23) Nitrobenzene-d5	7.34	82	352662	57.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	108422	66.60	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	701401	67.01	ng	0.00
78) Terphenyl-d14	12.89	244	501968	52.17	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	170292	13.93	ng	99
74) Fluoranthene	12.52	202	55638	3.72	ng	98
77) Pyrene	12.74	202	51660	3.41	ng	98
80) Benzo(a)anthracene	13.94	228	31840	2.40	ng	95
87) Benzo(b)fluoranthene	15.03	252	42148m	2.73	ng	

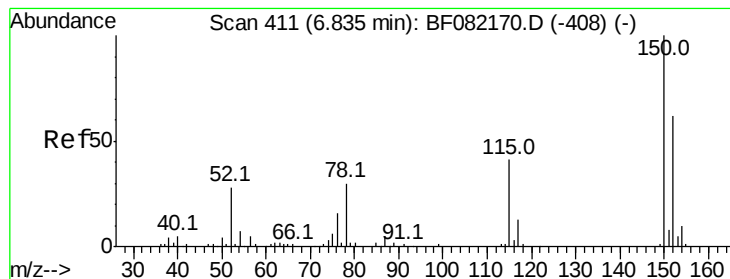
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
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Acq On : 22 Oct 2015 5:06
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Sample : G4116-13
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
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BT-02(0-2)

Quant Time: Oct 22 16:20:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082431.D

Acq: 22 Oct 2015 5:06

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

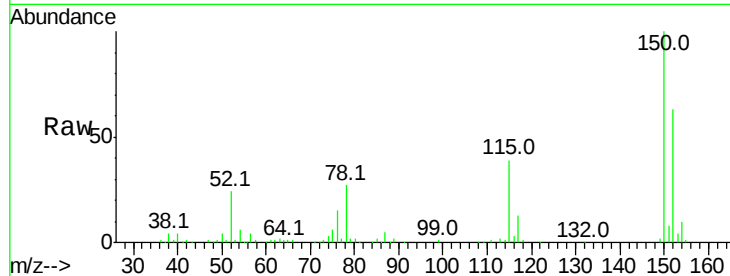
Tot Ion:152 Resp: 107074

Ion Ratio Lower Upper

152 100

150 158.9 129.0 193.4

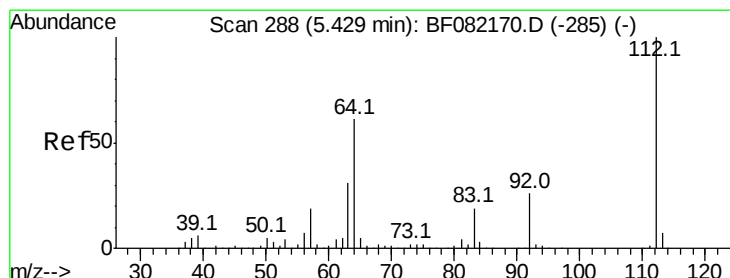
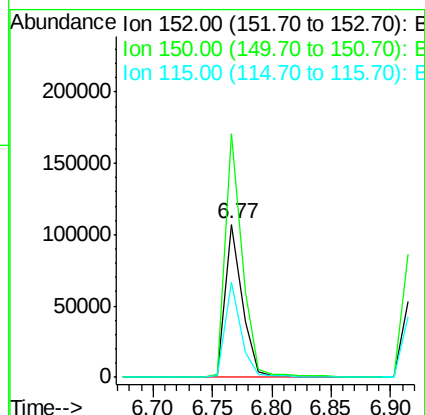
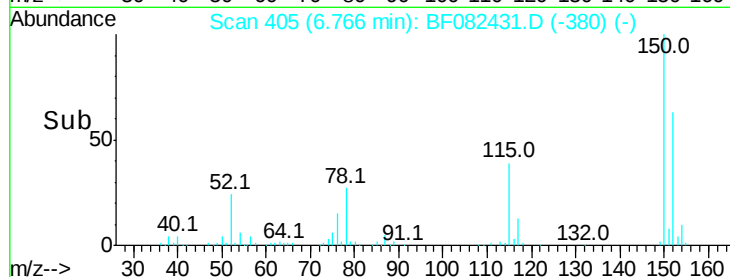
115 61.7 52.1 78.1



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: 93.27 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082431.D

Acq: 22 Oct 2015 5:06

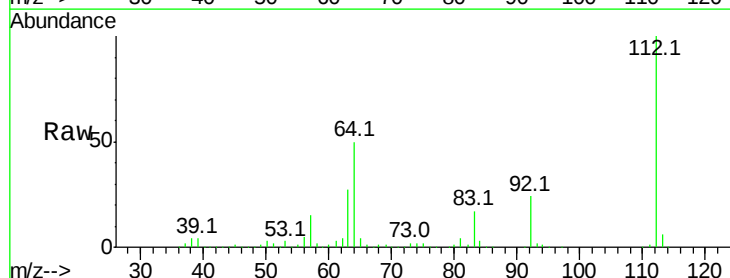
Tgt Ion:112 Resp: 494840

Ion Ratio Lower Upper

112 100

64 50.0 48.6 73.0

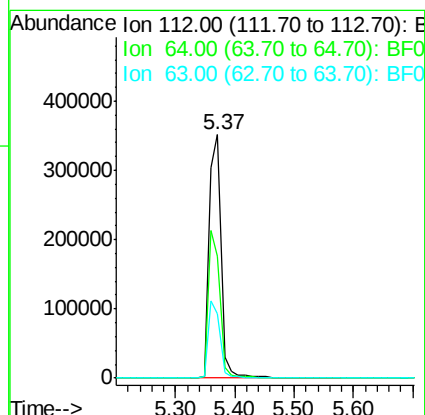
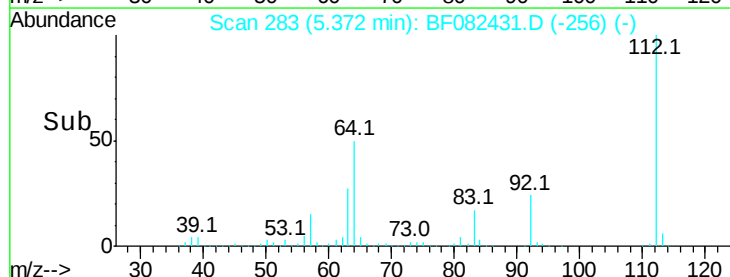
63 26.5 25.1 37.7



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: 91.39 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082431.D

Acq: 22 Oct 2015 5:06

Instrument :

BNA_F

ClientSampled :

BT-02(0-2)

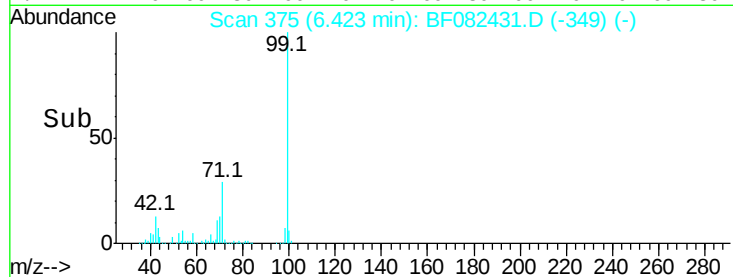
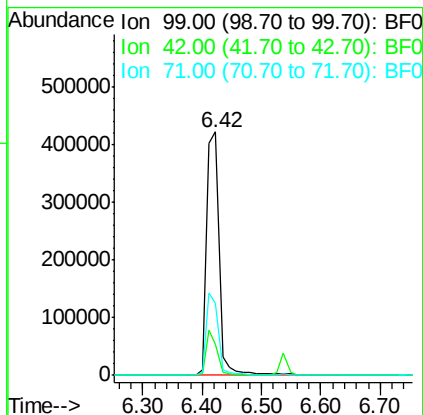
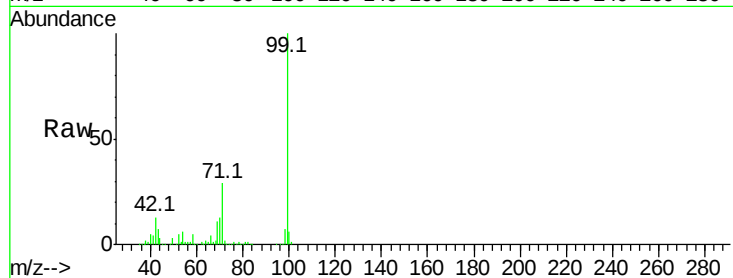
Tot Ion: 99 Resp: 630942

Ion Ratio Lower Upper

99 100

42 12.9 13.2 19.8#

71 29.4 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: BF082431.D

Acq: 22 Oct 2015 5:06

Tgt Ion: 136 Resp: 409409

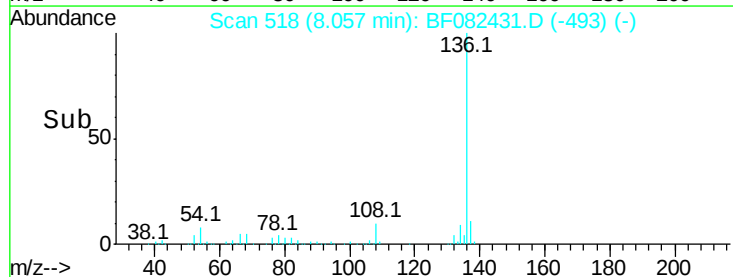
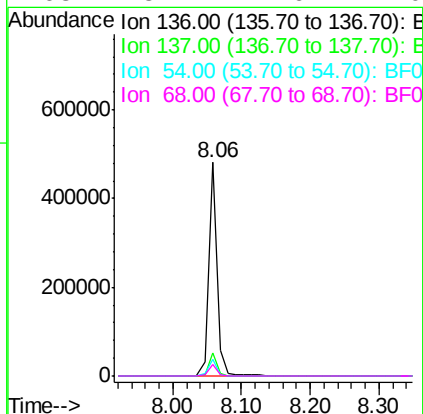
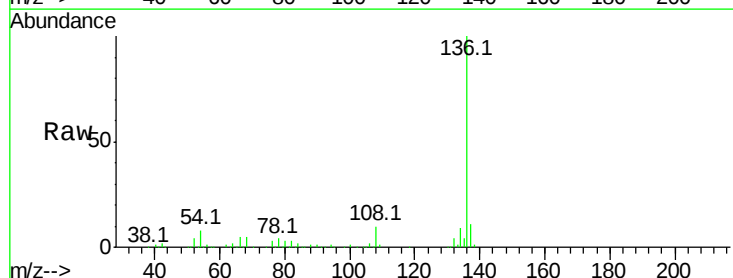
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.1 7.5 11.3

68 5.2 4.6 7.0

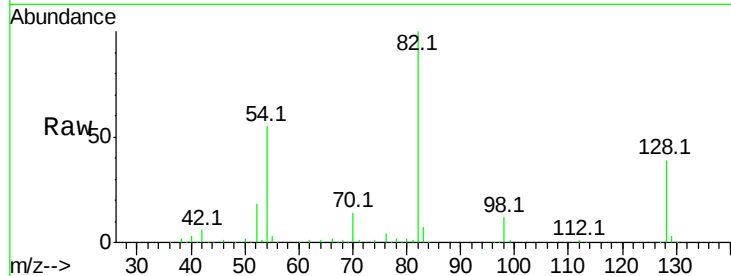




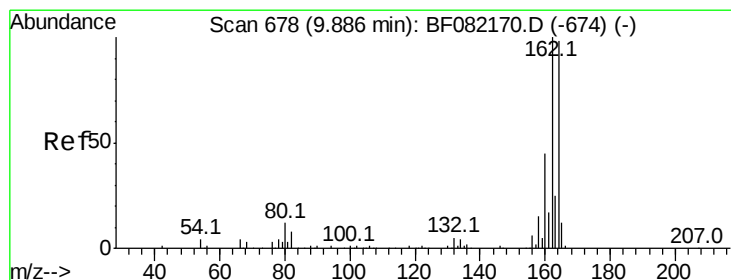
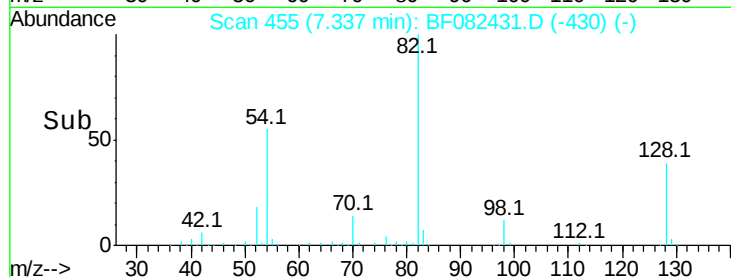
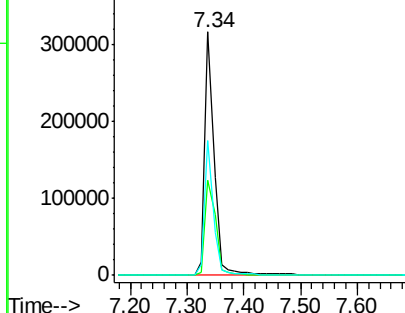
#23
Nitrobenzene-d5
Concen: 57.85 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tot Ion: 82 Resp: 352662
Ion Ratio Lower Upper
82 100
128 39.3 38.7 58.1
54 55.2 40.1 60.1

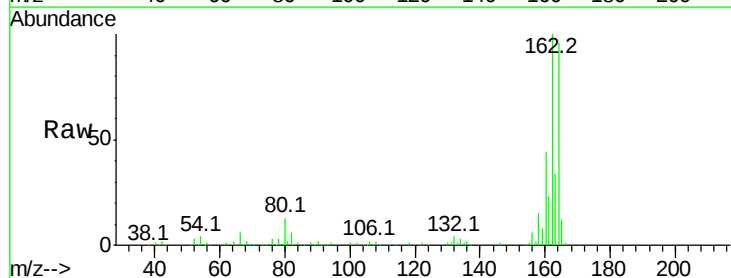


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

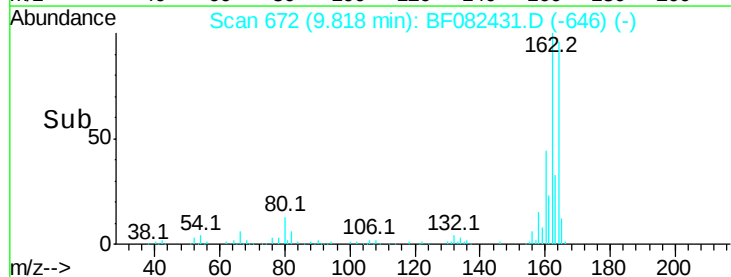
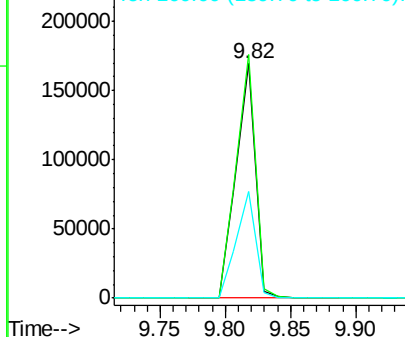


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:164 Resp: 173594
Ion Ratio Lower Upper
164 100
162 103.9 81.6 122.4
160 45.7 36.4 54.6



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

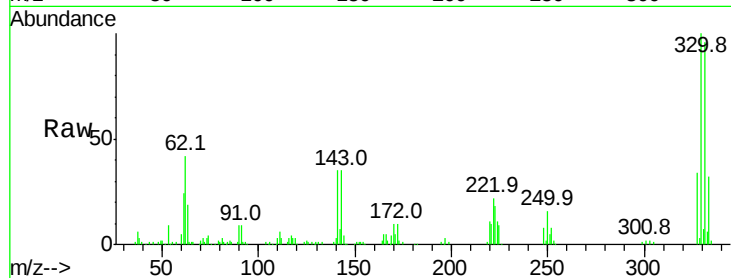




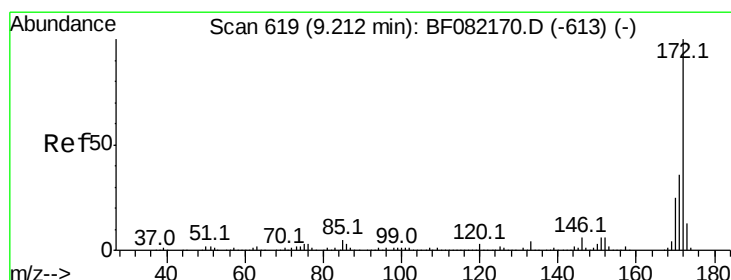
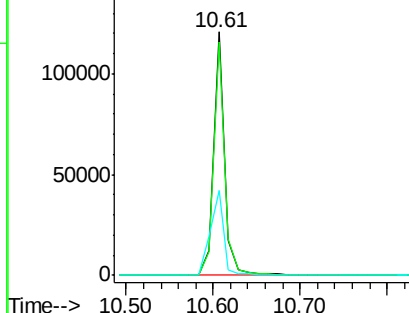
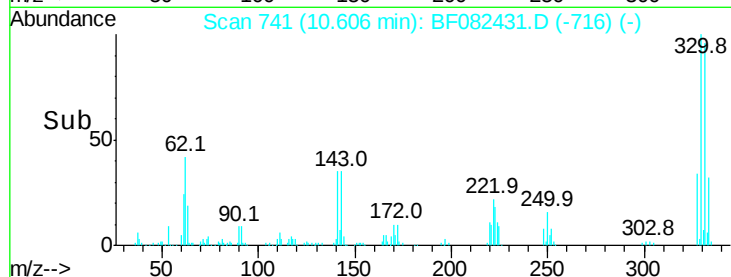
#41
 2,4,6-Tribromophenol
 Concen: 66.60 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082431.D
 Acq: 22 Oct 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	42.4	29.8	44.8

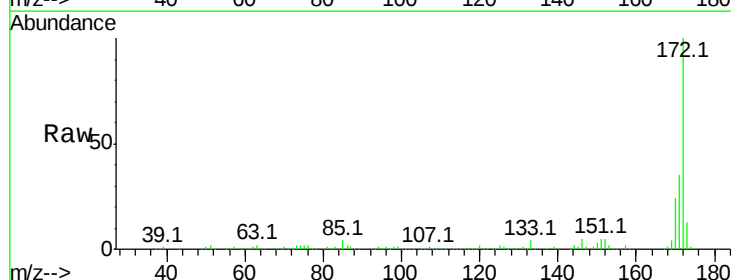


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

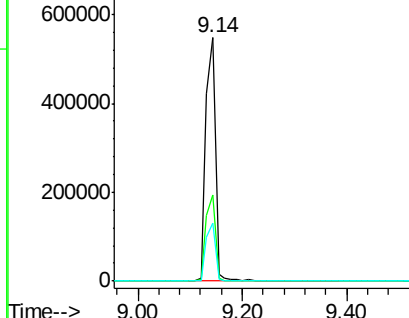
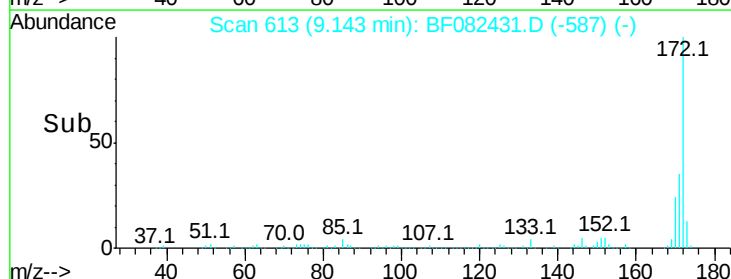


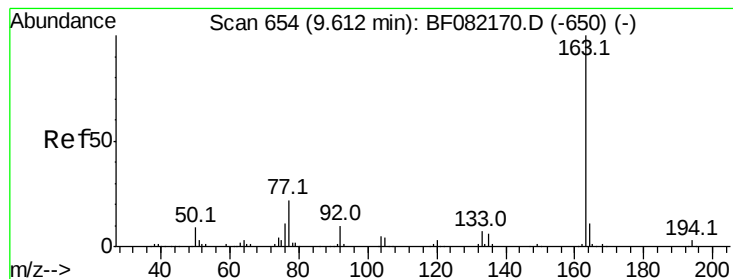
#44
 2-Fluorobiphenyl
 Concen: 67.01 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082431.D
 Acq: 22 Oct 2015 5:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.6	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: 13.93 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082431.D

Acq: 22 Oct 2015 5:06

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

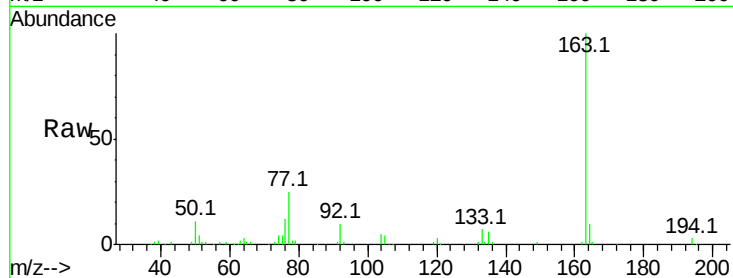
Tot Ion:163 Resp: 170292

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

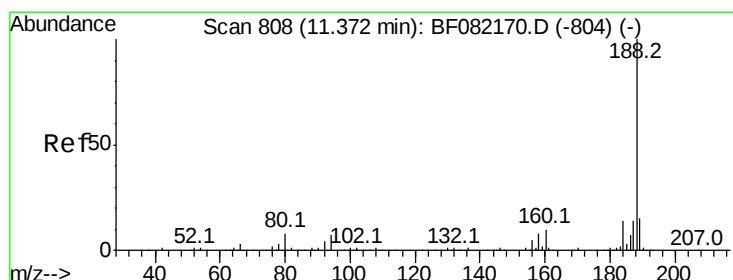
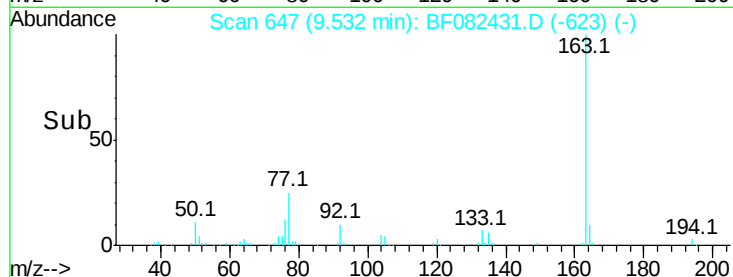
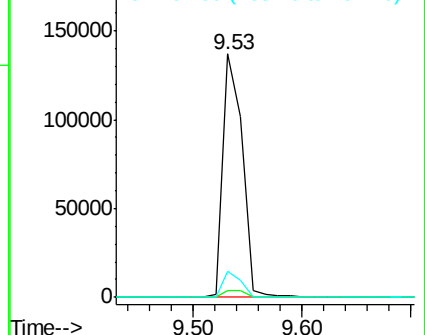
164 10.5 8.5 12.7



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: BF082431.D

Acq: 22 Oct 2015 5:06

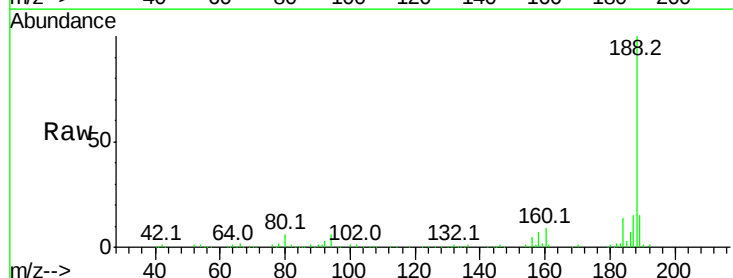
Tgt Ion:188 Resp: 284099

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.6

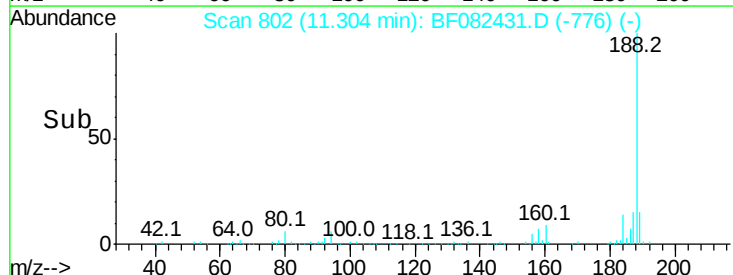
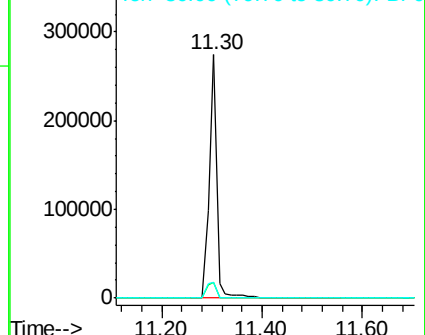
80 6.3 6.4 9.6#

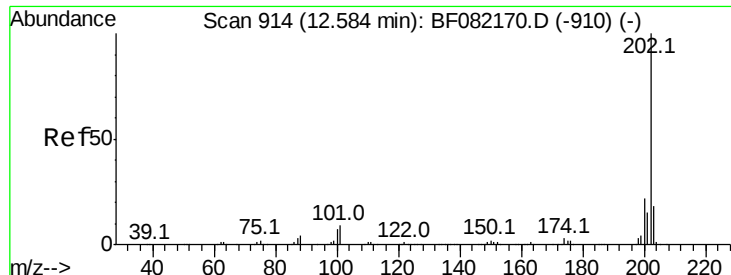


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.72 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082431.D

Acq: 22 Oct 2015 5:06

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

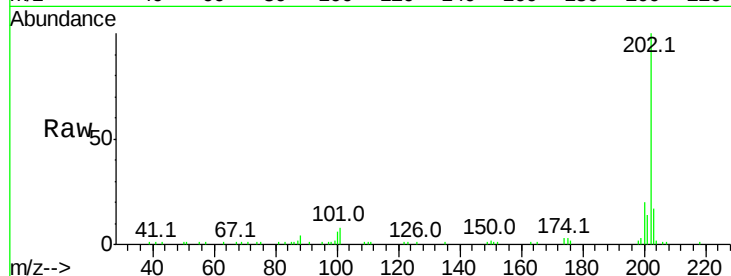
Tot Ion:202 Resp: 55638

Ion Ratio Lower Upper

202 100

101 8.2 0.0 29.3

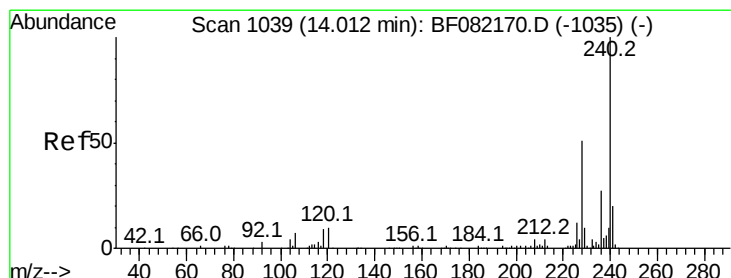
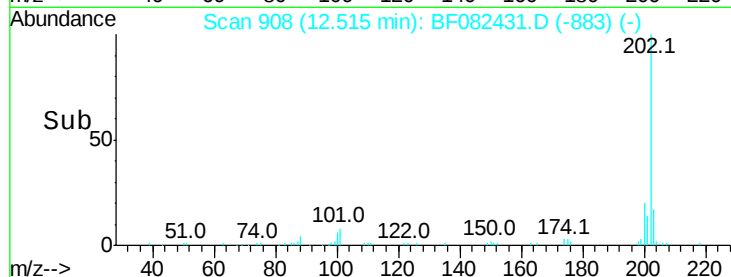
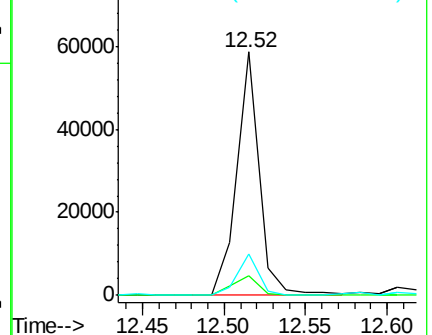
203 17.0 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082431.D

Acq: 22 Oct 2015 5:06

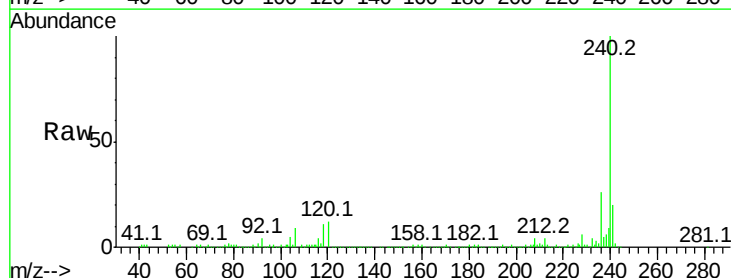
Tgt Ion:240 Resp: 254963

Ion Ratio Lower Upper

240 100

120 12.5 8.1 12.1#

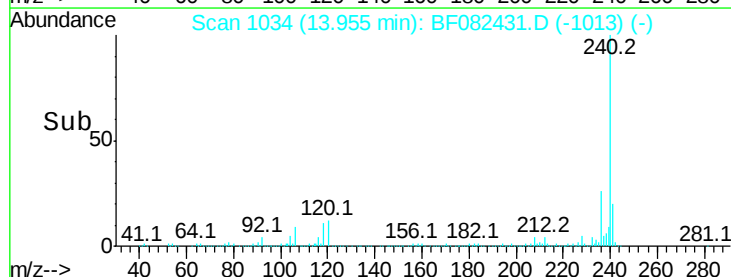
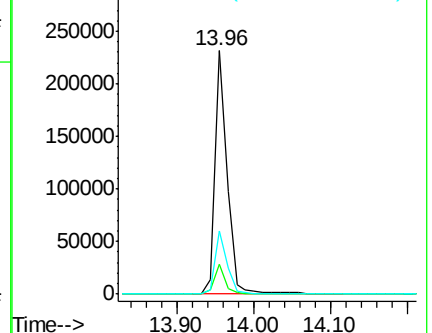
236 25.9 21.3 31.9

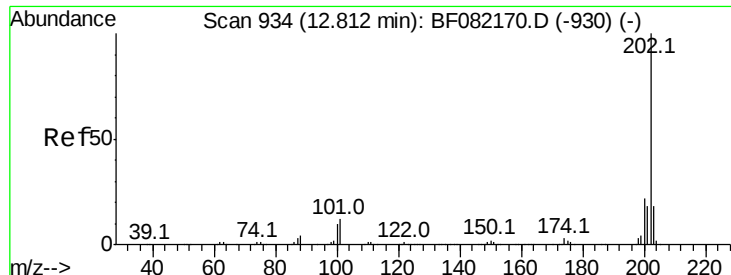


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

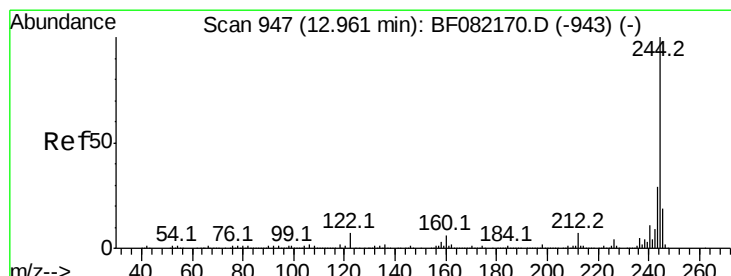
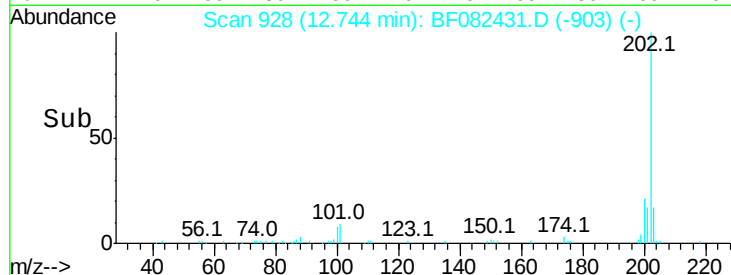
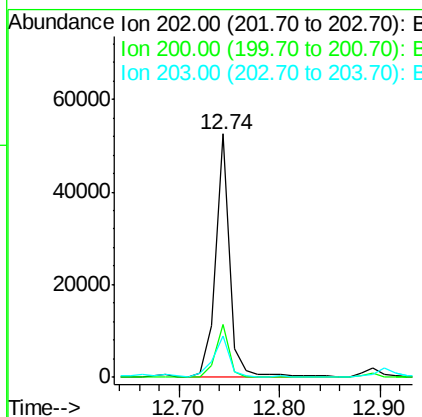
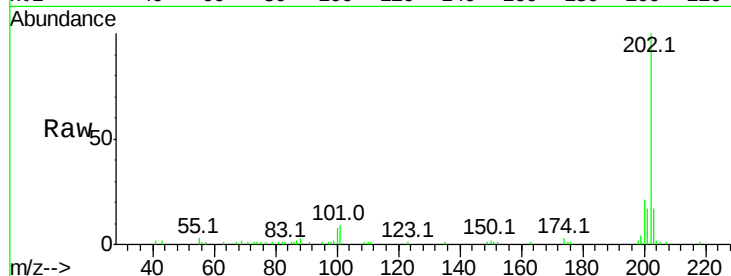




#77
Pvrene
Concen: 3.41 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

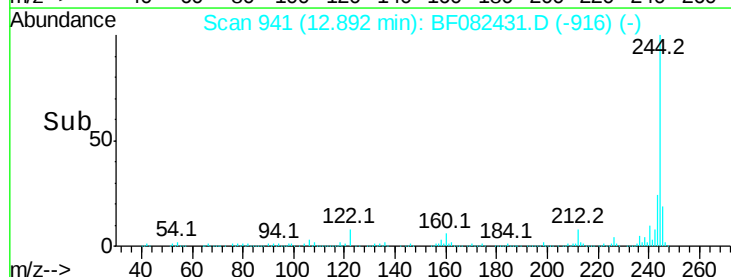
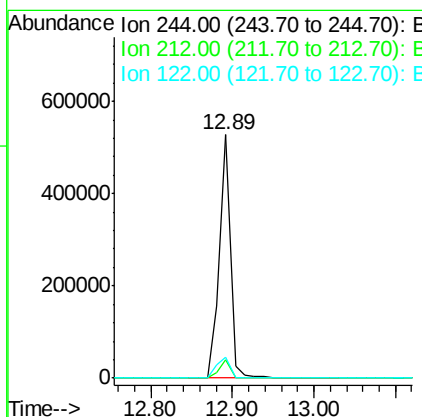
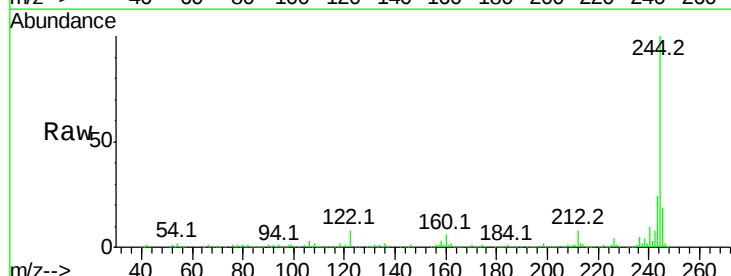
Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

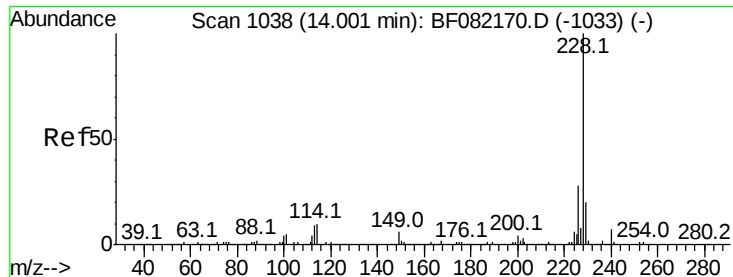
Tot Ion:202 Resp: 51660
Ion Ratio Lower Upper
202 100
200 21.5 17.9 26.9
203 17.0 14.5 21.7



#78
Terphenyl-d14
Concen: 52.17 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:244 Resp: 501968
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.3 5.9 8.9

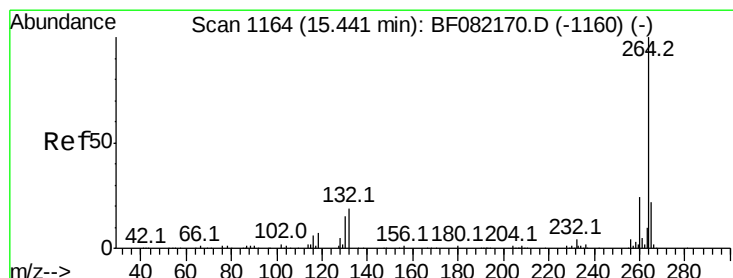
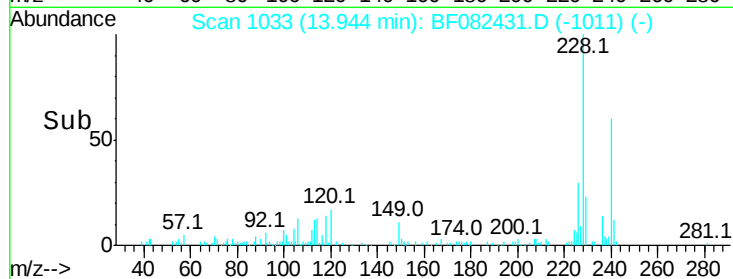
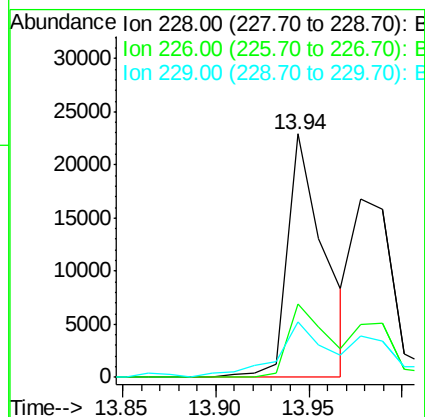
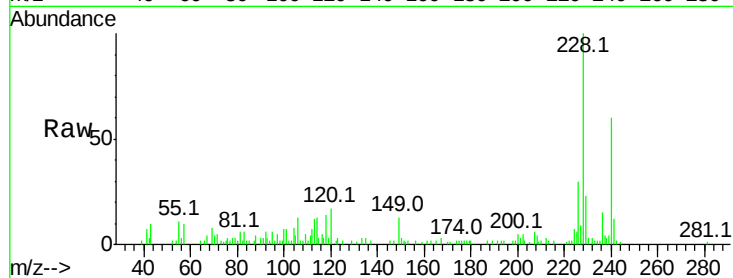




#80
Benzo(a)anthracene
Concen: 2.40 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

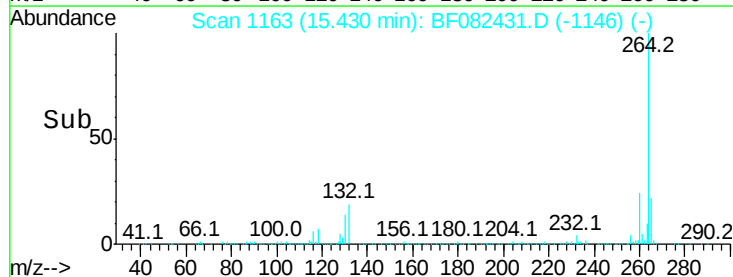
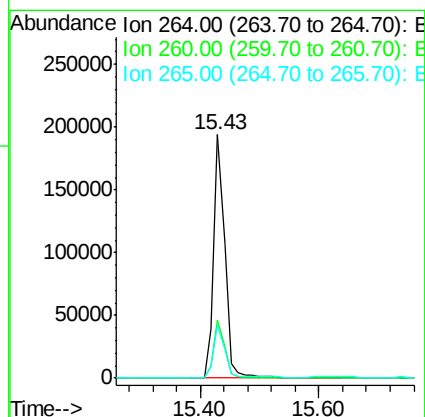
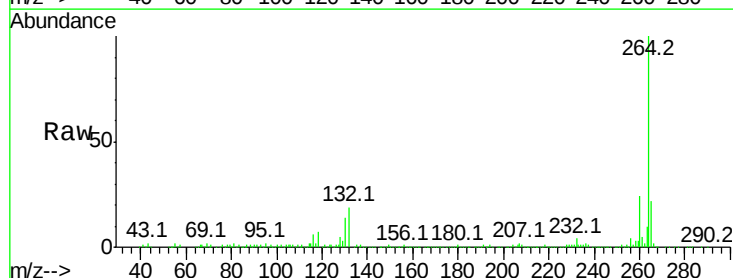
Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

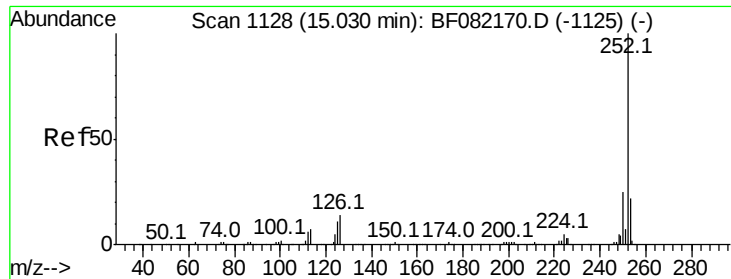
Tot Ion:228 Resp: 31840
Ion Ratio Lower Upper
228 100
226 30.2 22.3 33.5
229 22.6 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1163
Delta R.T. -0.10 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:264 Resp: 253861
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 2.73 ng m

RT: 15.03 min Scan# 1128

Delta R.T. -0.10 min

Lab File: BF082431.D

Acq: 22 Oct 2015 5:06

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

Tot Ion:252 Resp: 42148

Ion Ratio Lower Upper

252 100

253 25.2 18.0 27.0

125 12.3 8.6 12.8

