

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082432.D
 Acq On : 22 Oct 2015 5:35
 Operator : UM/IZ
 Sample : G4116-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Quant Time: Oct 22 13:05:29 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

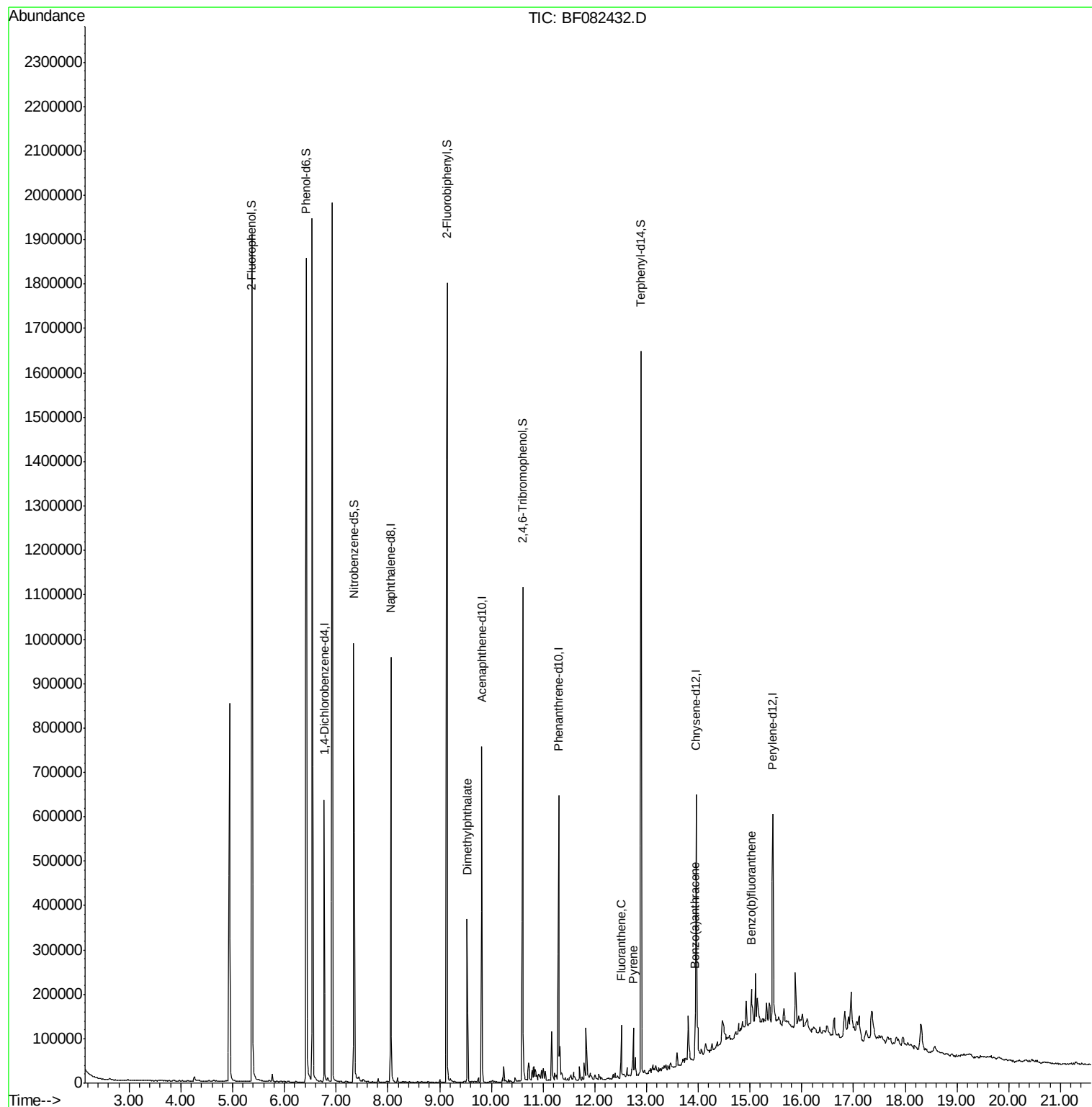
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107081	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	406402	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	179053	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	291614	20.00	ng	0.00
75) Chrysene-d12	13.96	240	260763	20.00	ng	-0.06
86) Perylene-d12	15.44	264	243661	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	557945	105.16	ng	0.01
7) Phenol-d6	6.42	99	783957	113.54	ng	0.00
23) Nitrobenzene-d5	7.34	82	426118	70.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	126998	75.63	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	830031	76.88	ng	0.00
78) Terphenyl-d14	12.89	244	540078	54.88	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	176006	13.96	ng	99
74) Fluoranthene	12.52	202	52879	3.44	ng	98
77) Pyrene	12.74	202	50042	3.23	ng	98
80) Benzo(a)anthracene	13.94	228	28187	2.08	ng	95
87) Benzo(b)fluoranthene	15.03	252	38625m	2.61	ng	

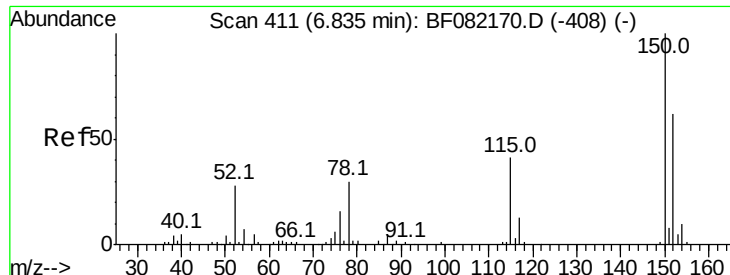
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
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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: BF082432.D

Acq: 22 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

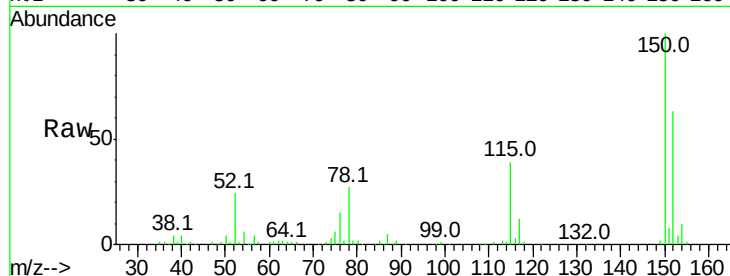
Tot Ion:152 Resp: 107081

Ion Ratio Lower Upper

152 100

150 157.7 129.0 193.4

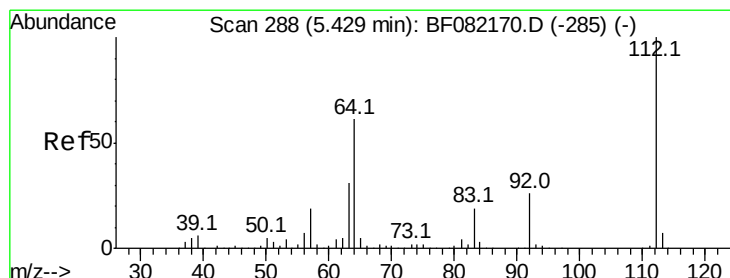
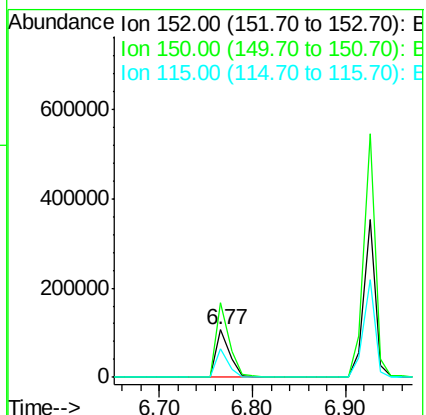
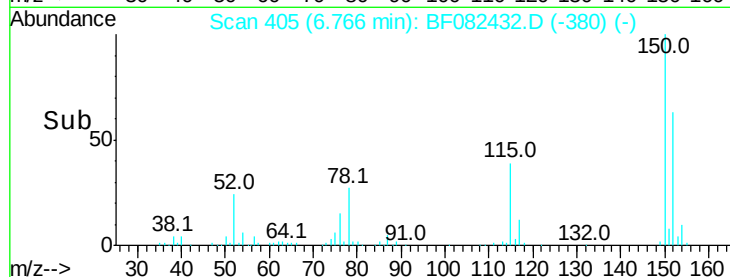
115 61.4 52.1 78.1



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: 105.16 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082432.D

Acq: 22 Oct 2015 5:35

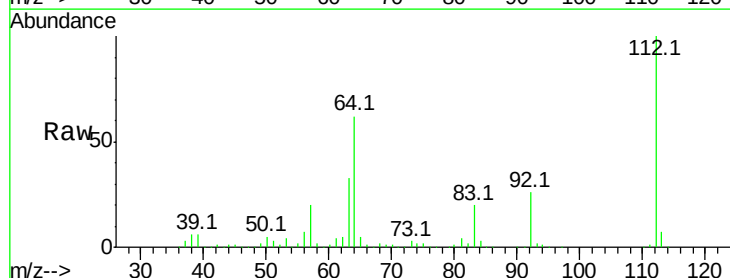
Tgt Ion:112 Resp: 557945

Ion Ratio Lower Upper

112 100

64 61.8 48.6 73.0

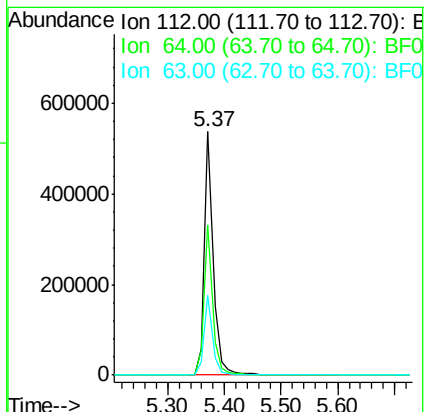
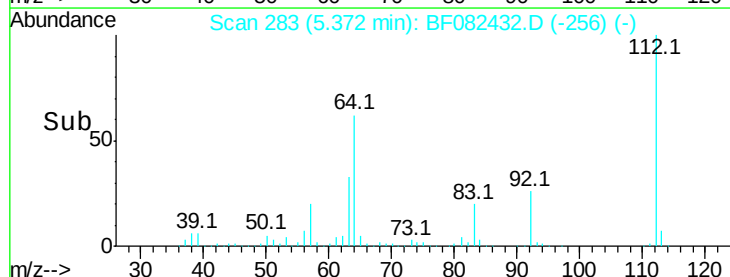
63 33.0 25.1 37.7

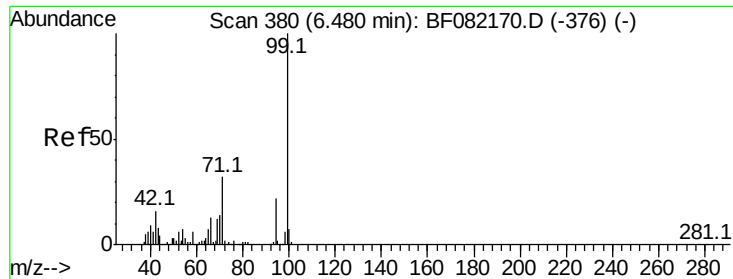


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.54 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082432.D

Acq: 22 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

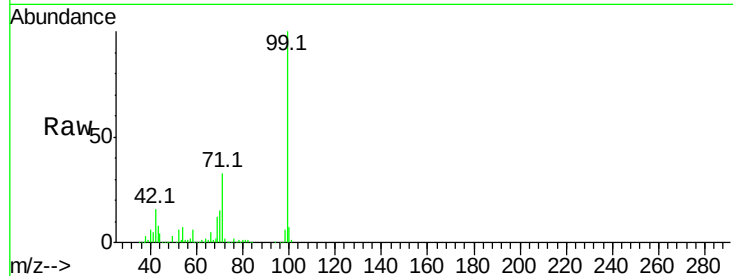
Tot Ion: 99 Resp: 783957

Ion Ratio Lower Upper

99 100

42 16.1 13.2 19.8

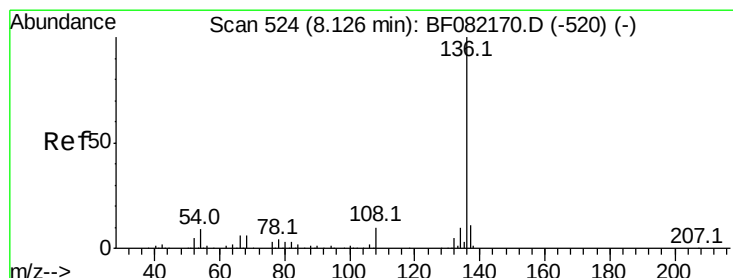
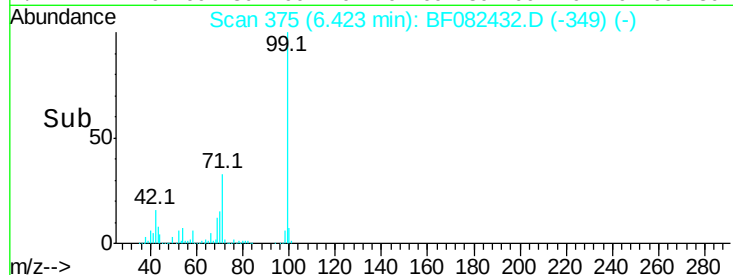
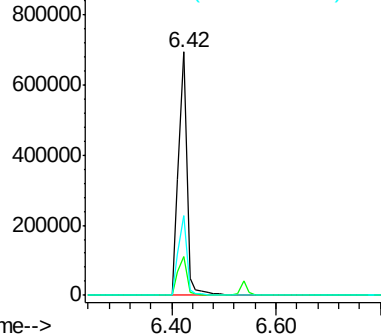
71 32.9 25.6 38.4



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: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082432.D

Acq: 22 Oct 2015 5:35

Tgt Ion: 136 Resp: 406402

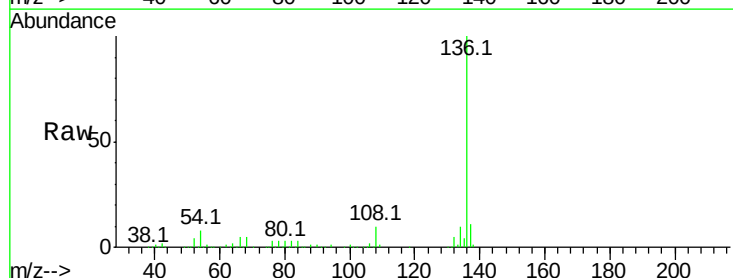
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.3 7.5 11.3

68 5.3 4.6 7.0

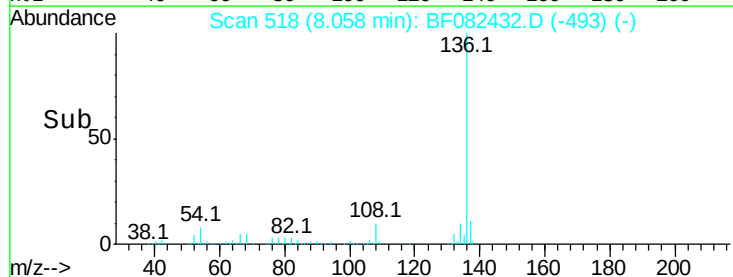
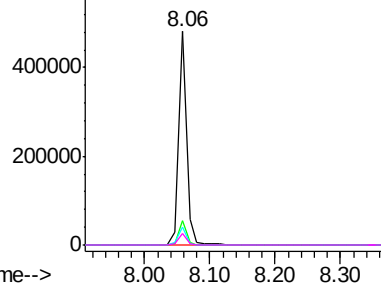


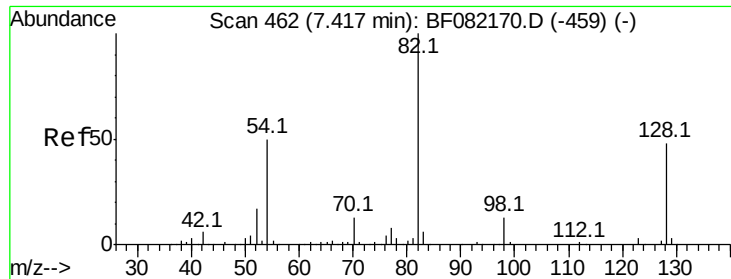
Abundance Ion 136.00 (135.70 to 136.70): E

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

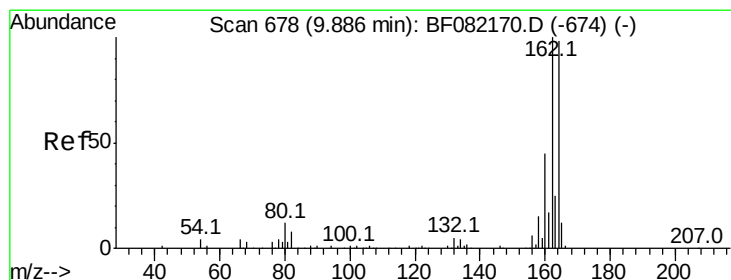
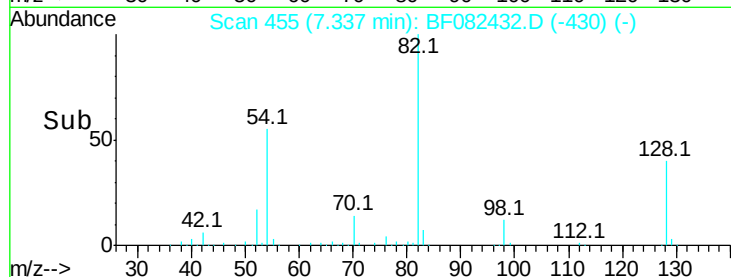
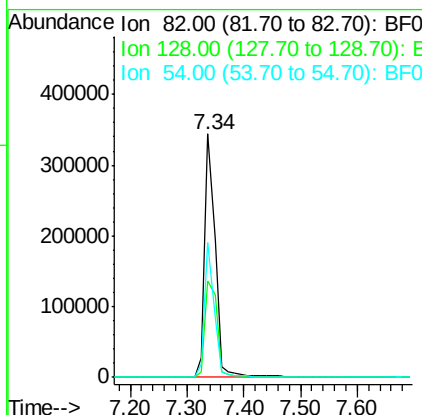
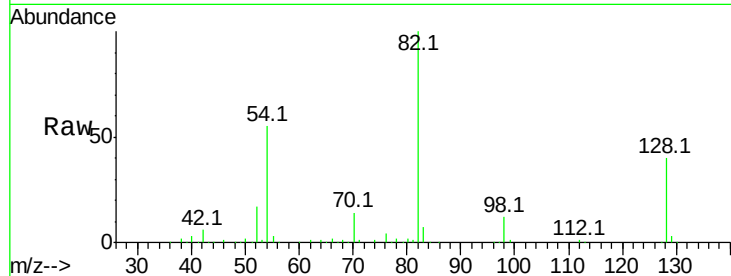




#23
 Nitrobenzene-d5
 Concen: 70.41 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082432.D
 Acq: 22 Oct 2015 5:35

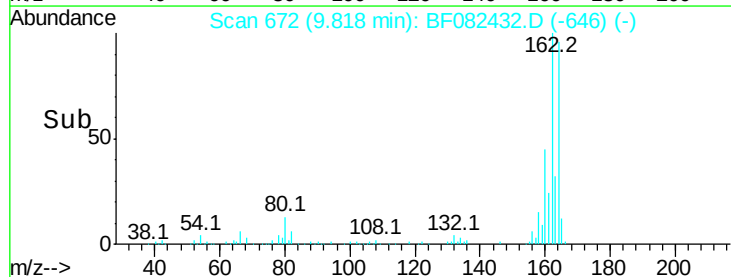
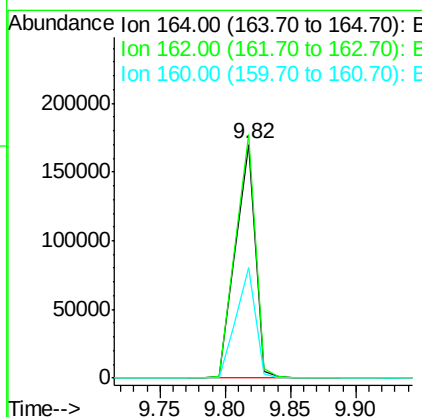
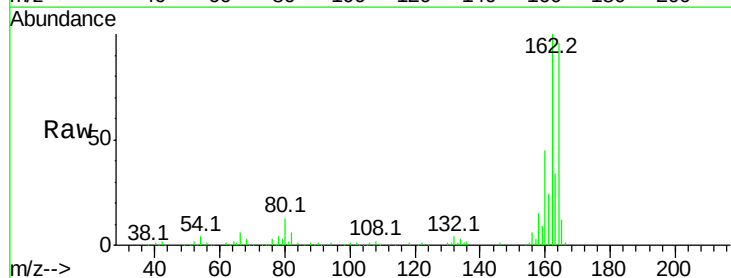
Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

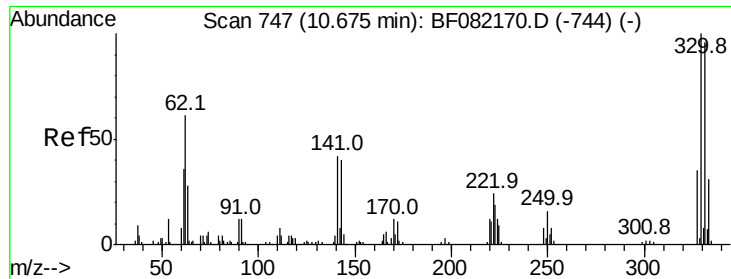
Tot Ion	82	Resp	426118
Ion Ratio	Lower	Upper	
82	100		
128	39.8	38.7	58.1
54	55.2	40.1	60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF082432.D
 Acq: 22 Oct 2015 5:35

Tgt Ion	164	Resp	179053
Ion Ratio	Lower	Upper	
164	100		
162	104.3	81.6	122.4
160	47.1	36.4	54.6

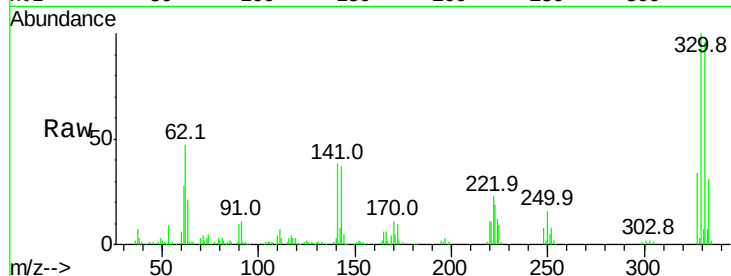




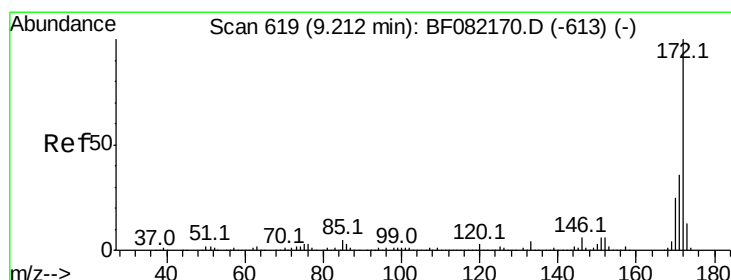
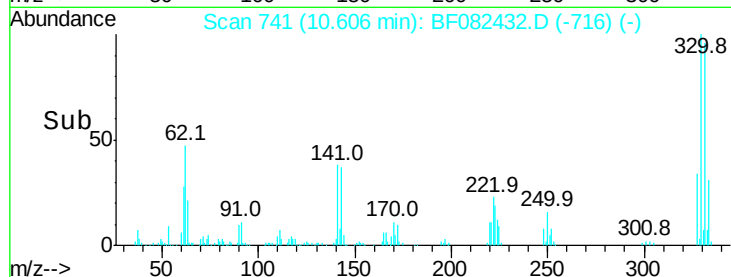
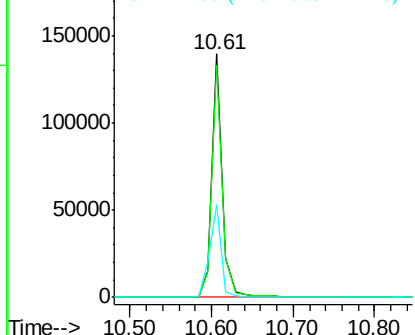
#41
 2,4,6-Tribromophenol
 Concen: 75.63 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082432.D
 Acq: 22 Oct 2015 5:35

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	42.9	29.8	44.8

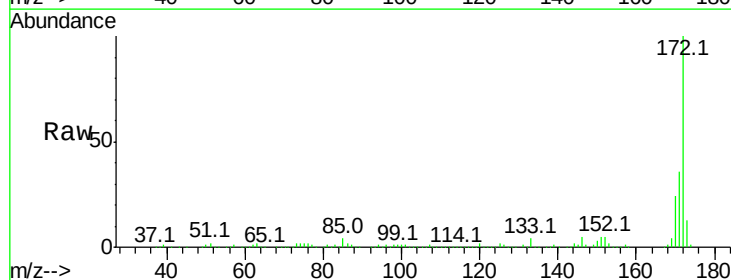


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

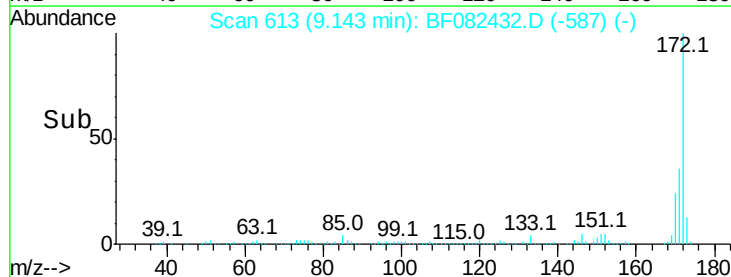
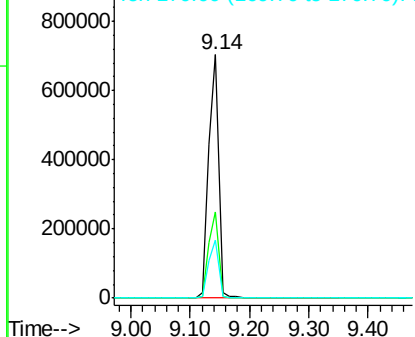


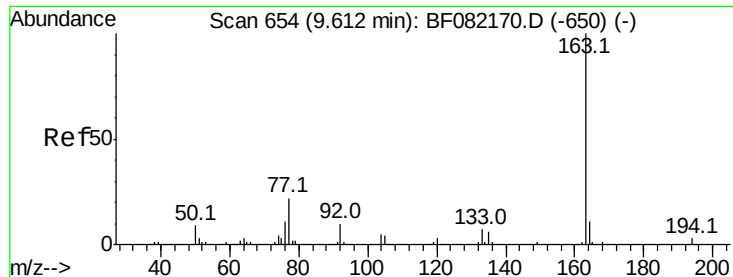
#44
 2-Fluorobiphenyl
 Concen: 76.88 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082432.D
 Acq: 22 Oct 2015 5:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.1	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

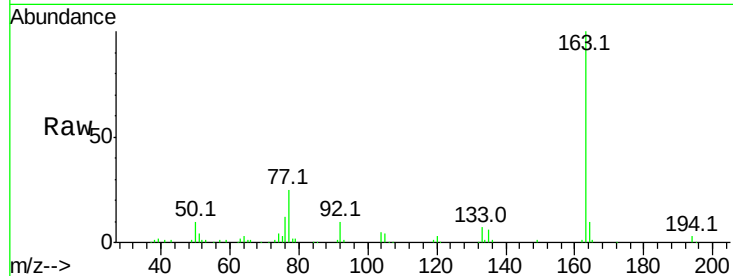




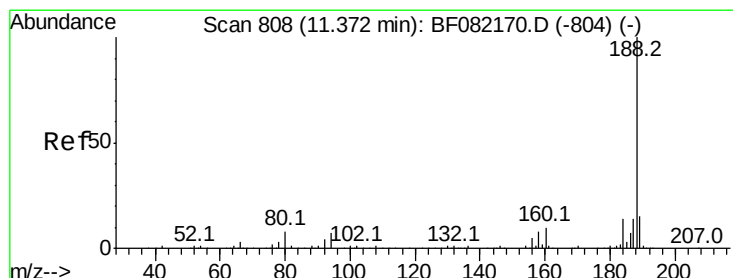
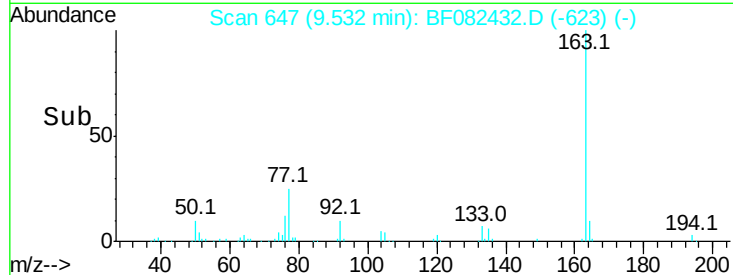
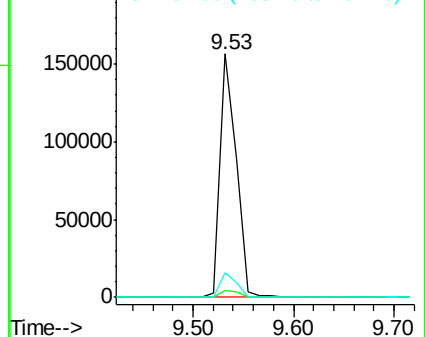
#49
Dimethylphthalate
Concen: 13.96 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082432.D
Acq: 22 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tot Ion:163 Resp: 176006
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.3 8.5 12.7

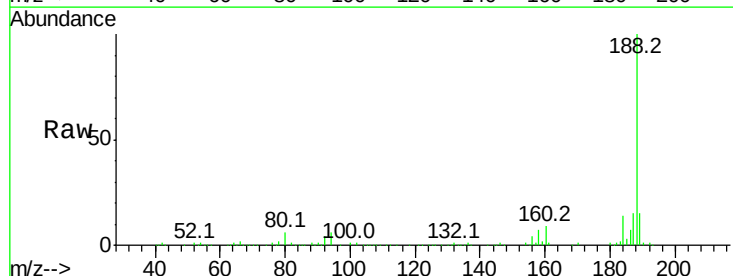


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

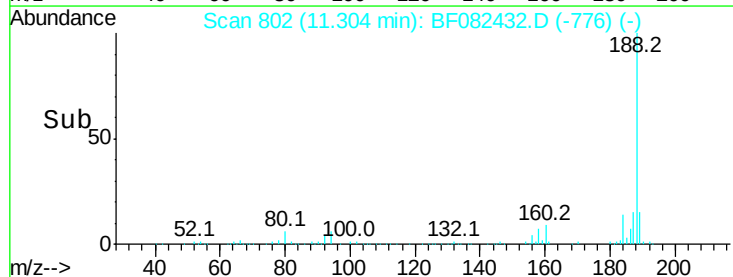
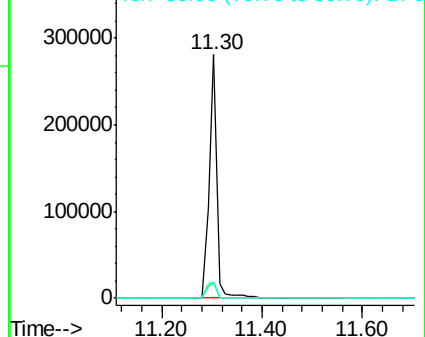


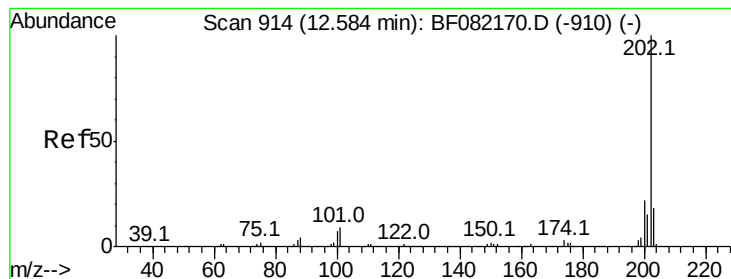
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF082432.D
Acq: 22 Oct 2015 5:35

Tgt Ion:188 Resp: 291614
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





#74

Fluoranthene

Concen: 3.44 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082432.D

Acq: 22 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

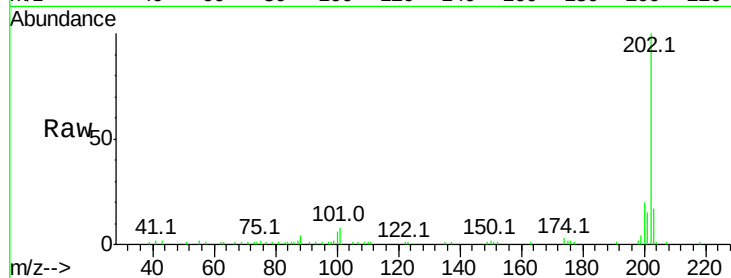
Tot Ion:202 Resp: 52879

Ion Ratio Lower Upper

202 100

101 7.9 0.0 29.3

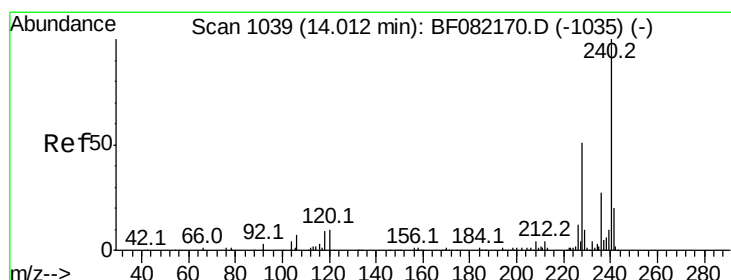
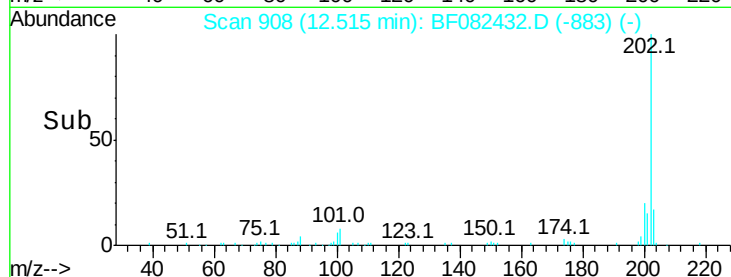
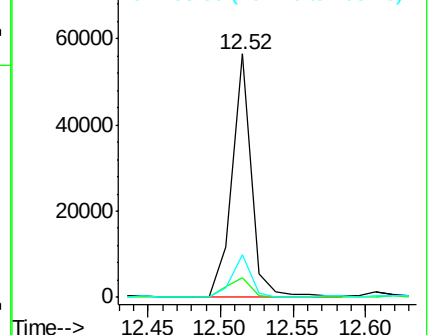
203 17.4 0.0 37.8



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: BF082432.D

Acq: 22 Oct 2015 5:35

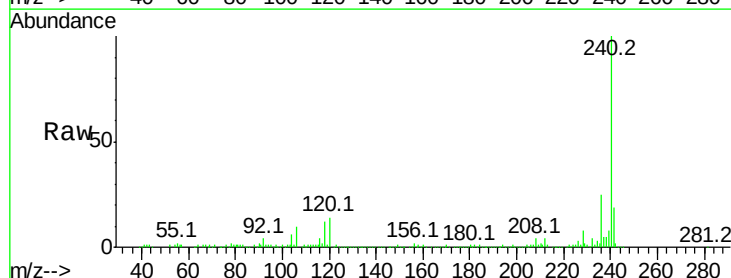
Tgt Ion:240 Resp: 260763

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

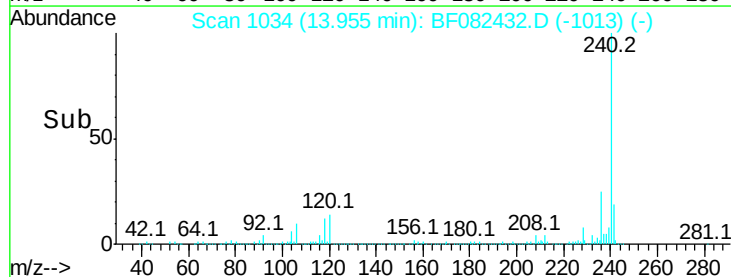
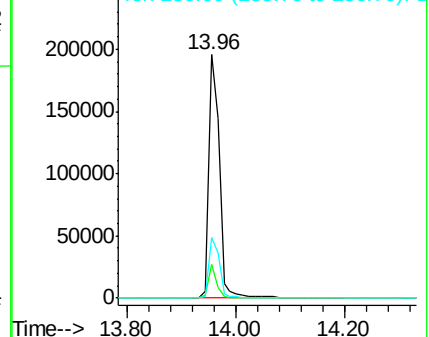
236 24.8 21.3 31.9

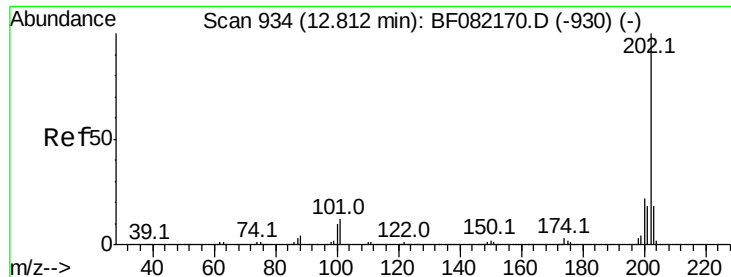


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

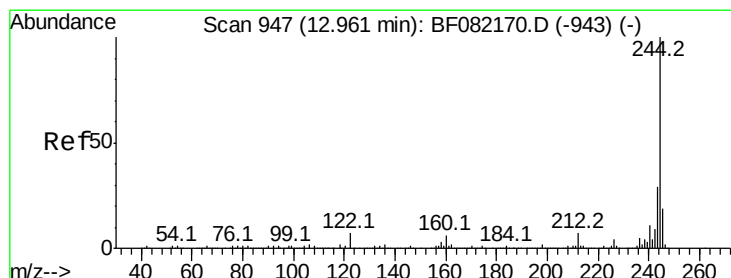
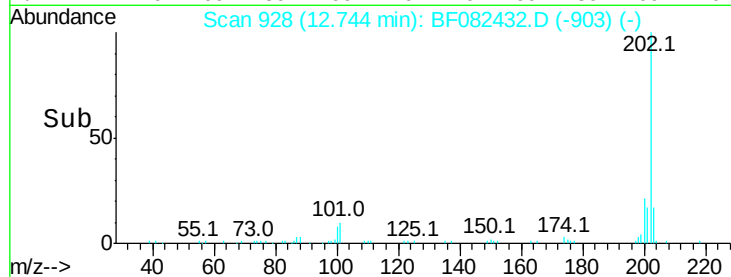
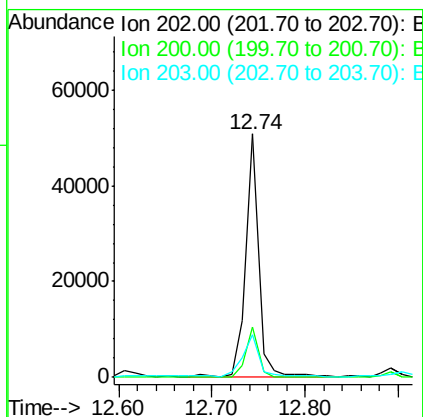
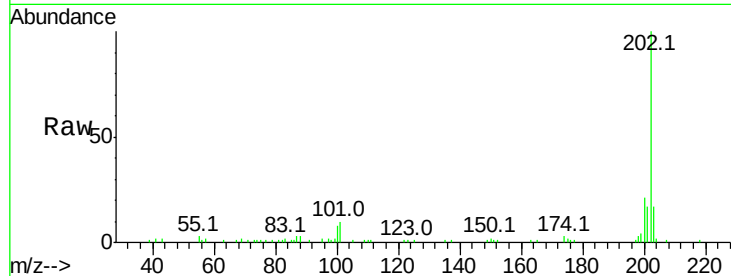




#77
Pvrene
Concen: 3.23 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082432.D
Acq: 22 Oct 2015 5:35

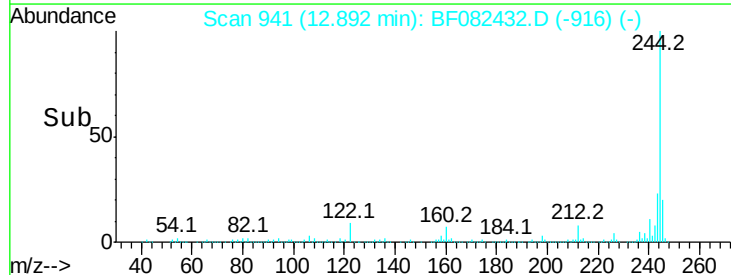
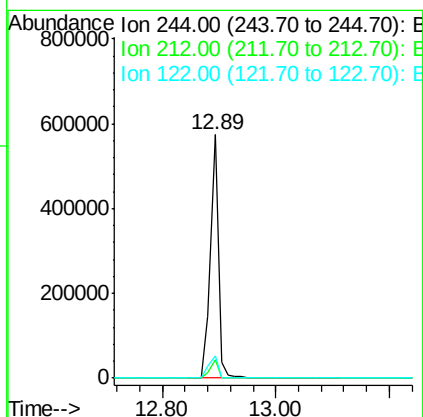
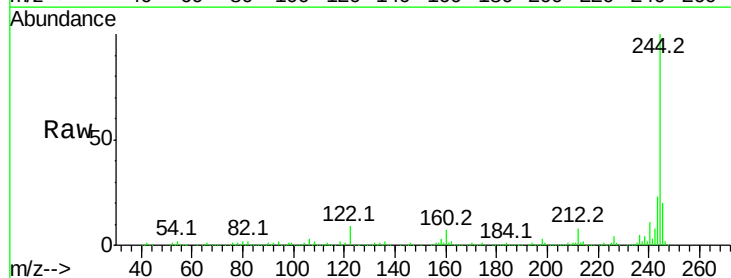
Instrument :
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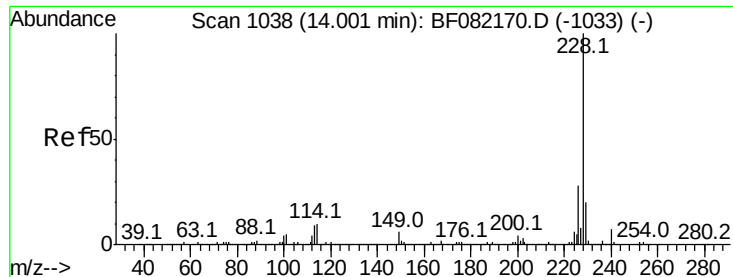
Tot Ion:202 Resp: 50042
Ion Ratio Lower Upper
202 100
200 20.8 17.9 26.9
203 17.5 14.5 21.7



#78
Terphenyl-d14
Concen: 54.88 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082432.D
Acq: 22 Oct 2015 5:35

Tgt Ion:244 Resp: 540078
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.1 5.9 8.9#





#80

Benzo(a)anthracene

Concen: 2.08 ng

RT: 13.94 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF082432.D

Acq: 22 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

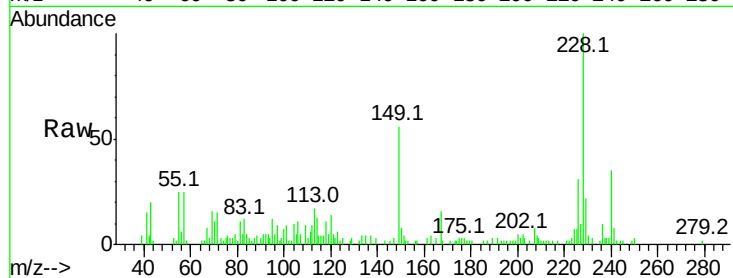
Tot Ion:228 Resp: 28187

Ion Ratio Lower Upper

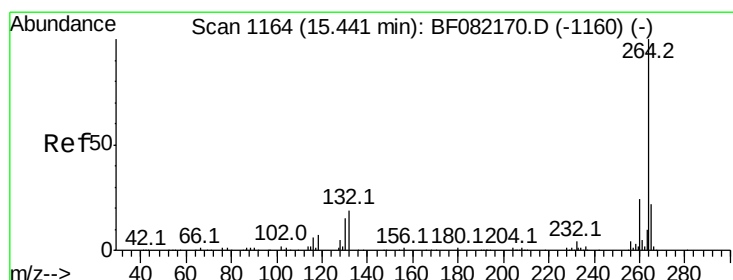
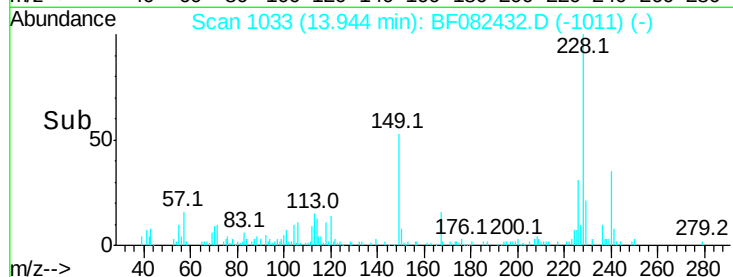
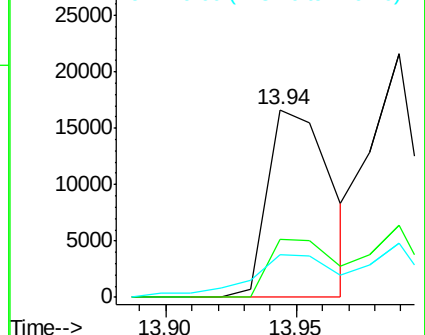
228 100

226 31.0 22.3 33.5

229 22.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1164

Delta R.T. -0.09 min

Lab File: BF082432.D

Acq: 22 Oct 2015 5:35

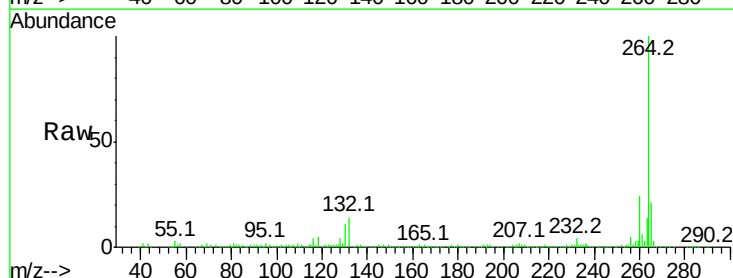
Tgt Ion:264 Resp: 243661

Ion Ratio Lower Upper

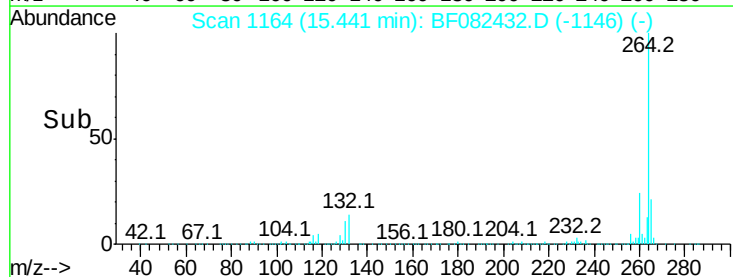
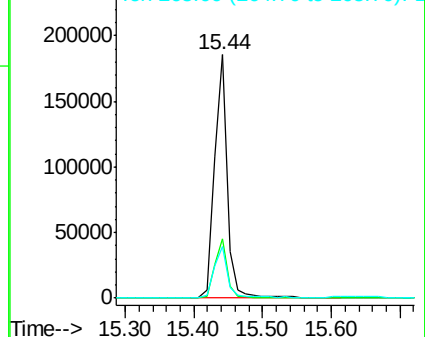
264 100

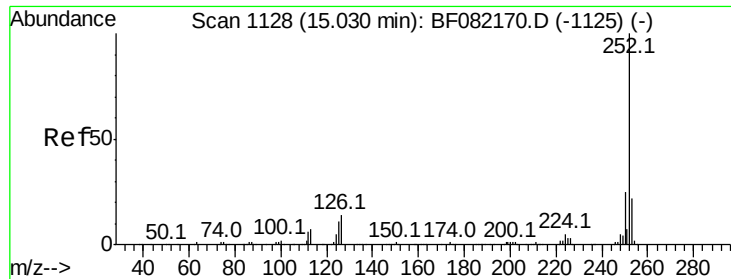
260 24.5 19.0 28.6

265 21.3 17.3 25.9



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





#87
 Benzo(b)fluoranthene
 Concen: 2.61 ng m
 RT: 15.03 min Scan# 1128
 Delta R.T. -0.10 min
 Lab File: BF082432.D
 Acq: 22 Oct 2015 5:35

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	12.9	8.6	12.8

