

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082428.D
 Acq On : 22 Oct 2015 3:39
 Operator : UM/IZ
 Sample : G4116-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

Quant Time: Oct 22 16:15:05 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

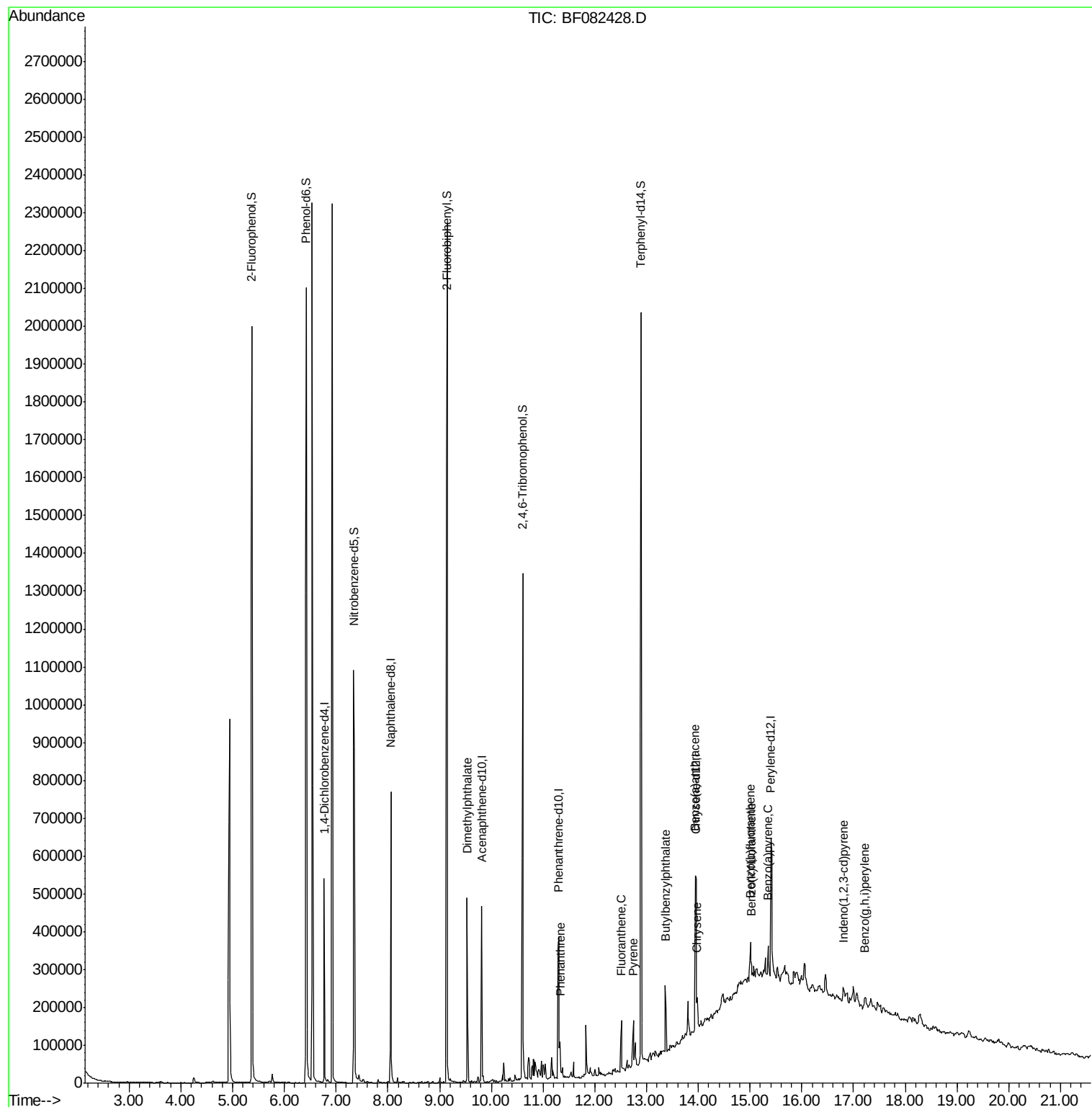
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	90360	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	337848	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	140591	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	227982	20.00	ng	0.00
75) Chrysene-d12	13.96	240	210832	20.00	ng	-0.06
86) Perylene-d12	15.41	264	208540	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	733997	163.94	ng	0.01
7) Phenol-d6	6.42	99	939560	161.26	ng	0.00
23) Nitrobenzene-d5	7.34	82	533422	106.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	161890	122.79	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1009721	119.10	ng	0.00
78) Terphenyl-d14	12.89	244	716176	90.02	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	212794	21.49	ng	100
70) Phenanthrene	11.33	178	46540	4.16	ng	97
74) Fluoranthene	12.52	202	75454	6.29	ng	98
77) Pyrene	12.74	202	69603	5.56	ng	98
79) Butylbenzylphthalate	13.36	149	55416	9.71	ng	# 85
80) Benzo(a)anthracene	13.94	228	38681m	3.53	ng	
82) Chrysene	13.98	228	37007m	3.20	ng	
85) Indeno(1,2,3-cd)pyrene	16.80	276	21846	2.38	ng	94
87) Benzo(b)fluoranthene	15.01	252	50666m	3.99	ng	
88) Benzo(k)fluoranthene	15.02	252	21769m	2.04	ng	
89) Benzo(a)pyrene	15.35	252	35486	3.25	ng	# 88
91) Benzo(a,h,i)perylene	17.22	276	21797	2.51	ng	# 87

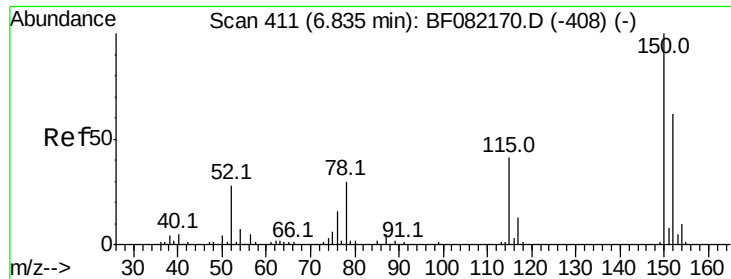
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082428.D
Acq On : 22 Oct 2015 3:39
Operator : UM/IZ
Sample : G4116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Quant Time: Oct 22 16:15:05 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: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

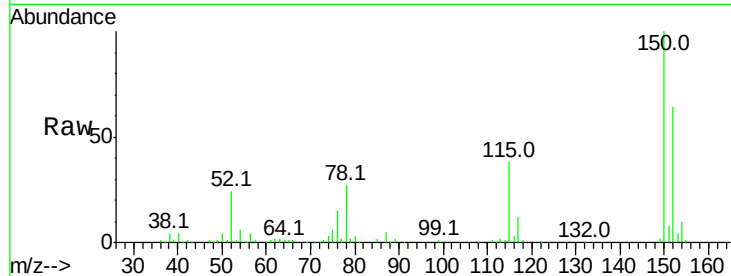
Tot Ion:152 Resp: 90360

Ion Ratio Lower Upper

152 100

150 156.0 129.0 193.4

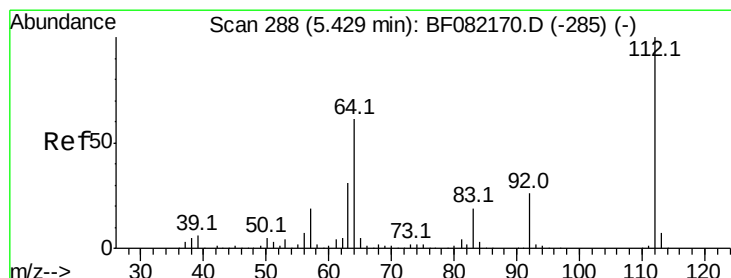
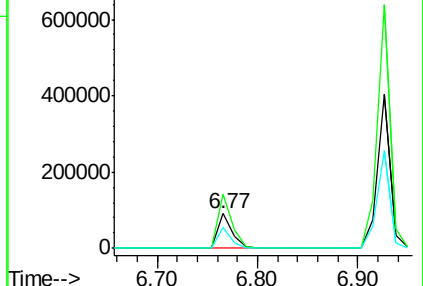
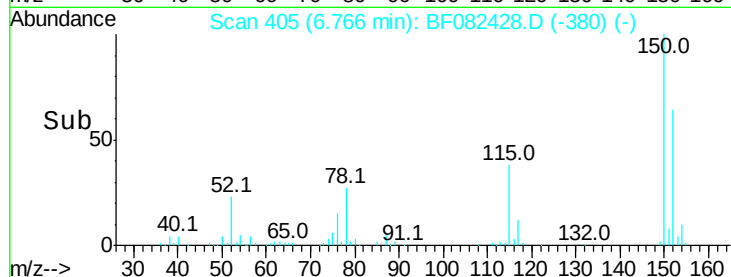
115 59.3 52.1 78.1



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: 163.94 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

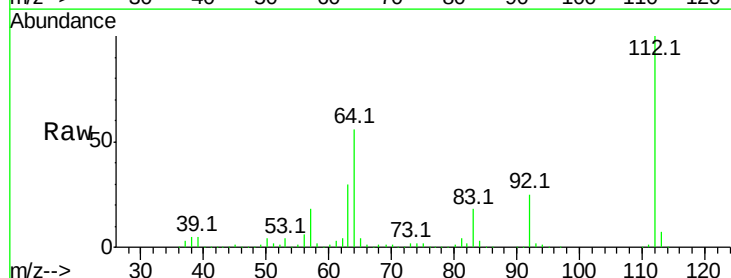
Tgt Ion:112 Resp: 733997

Ion Ratio Lower Upper

112 100

64 56.1 48.6 73.0

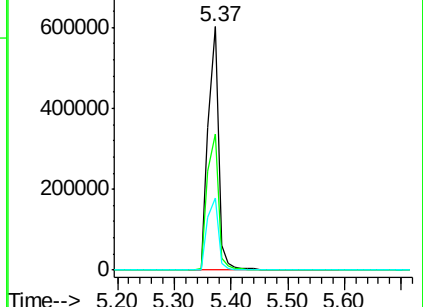
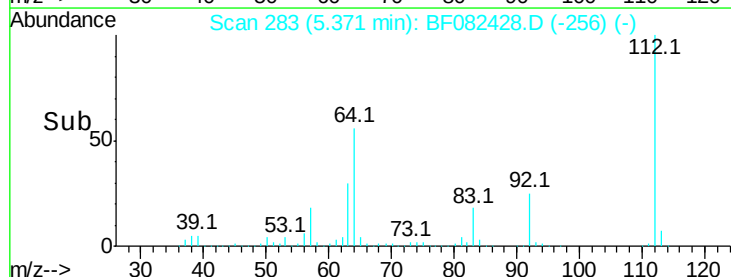
63 29.6 25.1 37.7

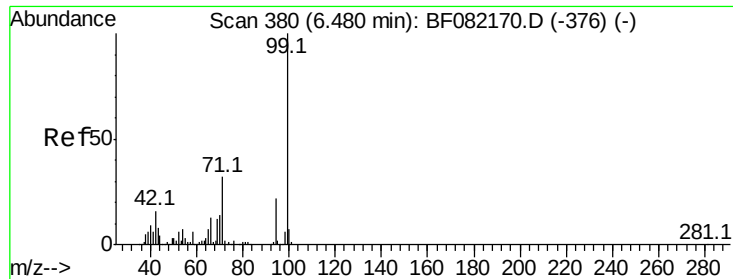


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 161.26 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

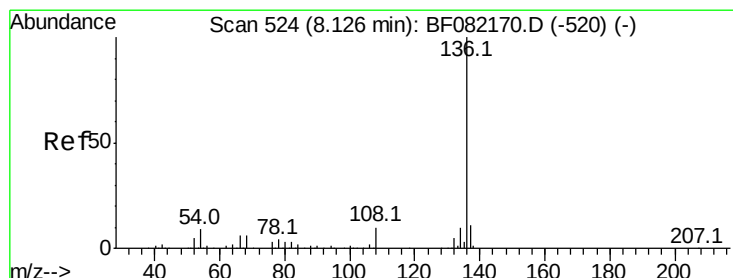
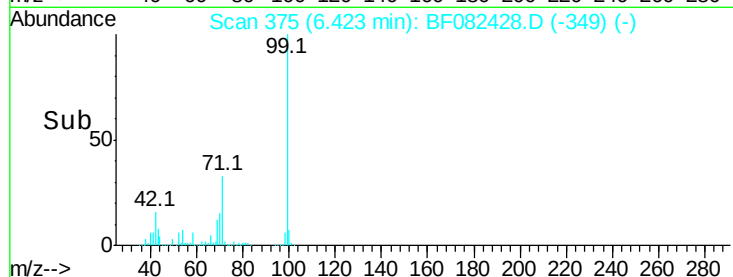
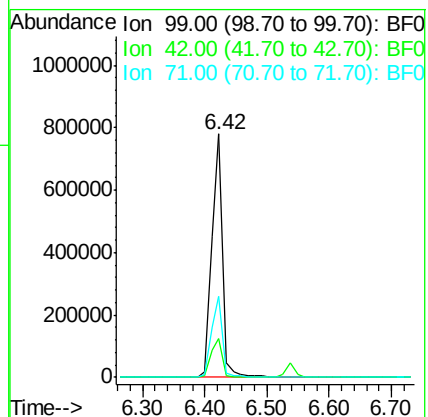
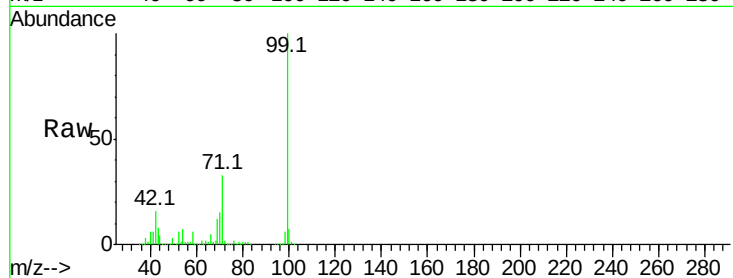
Tot Ion: 99 Resp: 939560

Ion Ratio Lower Upper

99 100

42 16.2 13.2 19.8

71 33.3 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: BF082428.D

Acq: 22 Oct 2015 3:39

Tgt Ion: 136 Resp: 337848

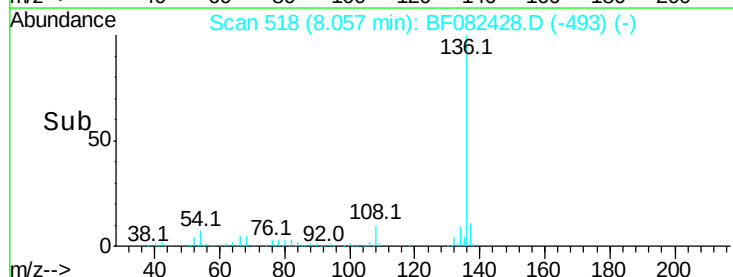
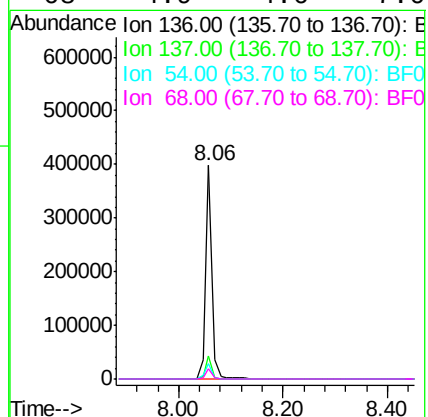
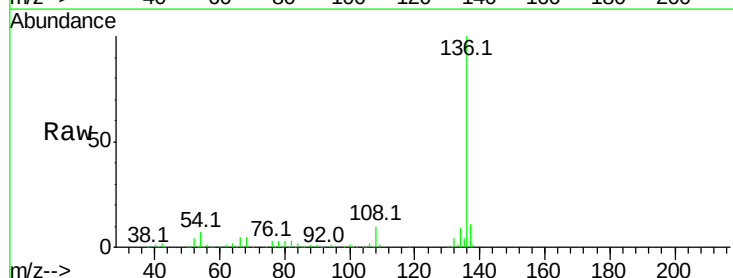
Ion Ratio Lower Upper

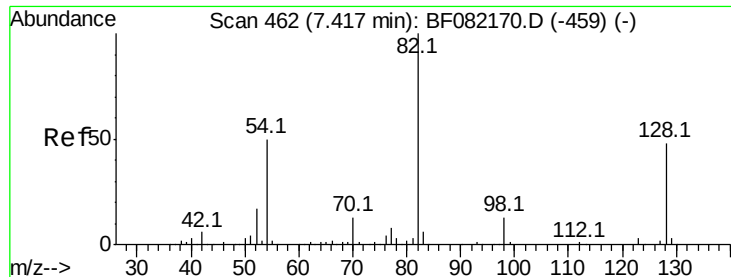
136 100

137 10.8 9.0 13.6

54 7.4 7.5 11.3#

68 4.9 4.6 7.0

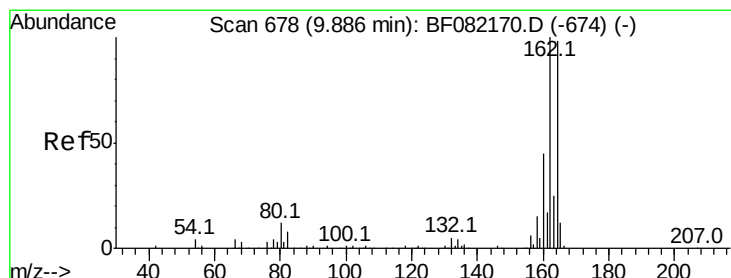
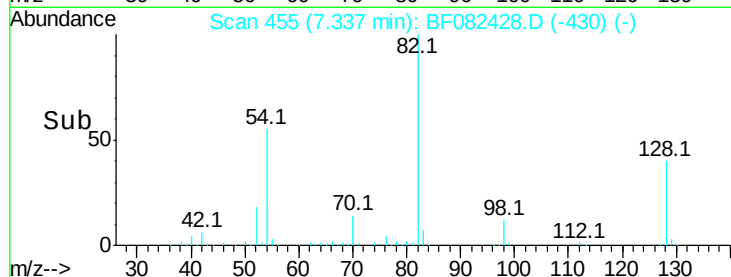
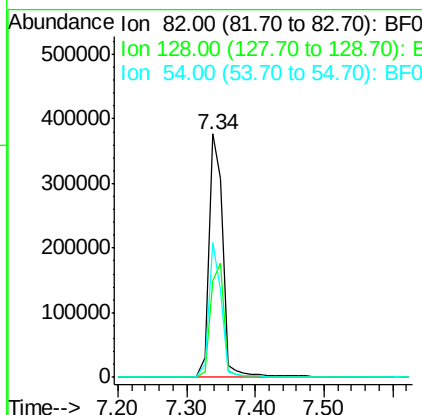
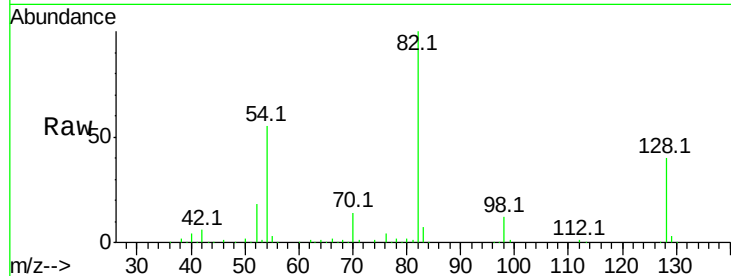




#23
 Nitrobenzene-d5
 Concen: 106.03 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082428.D
 Acq: 22 Oct 2015 3:39

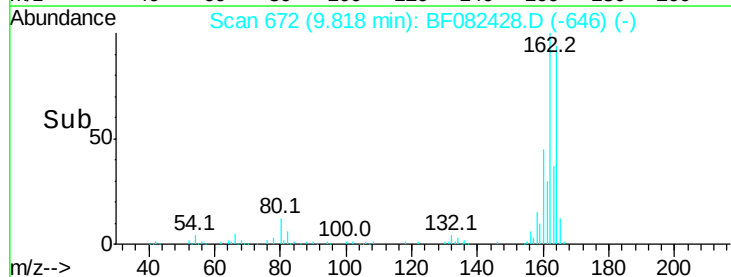
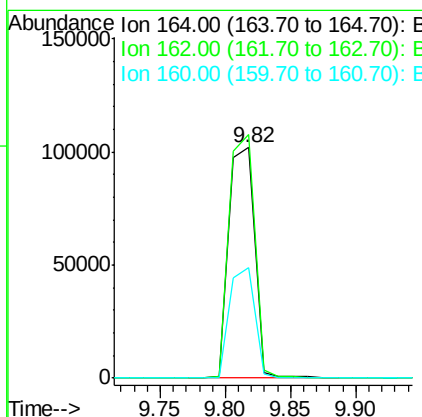
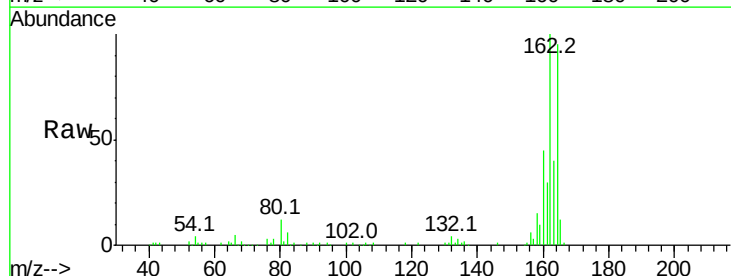
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

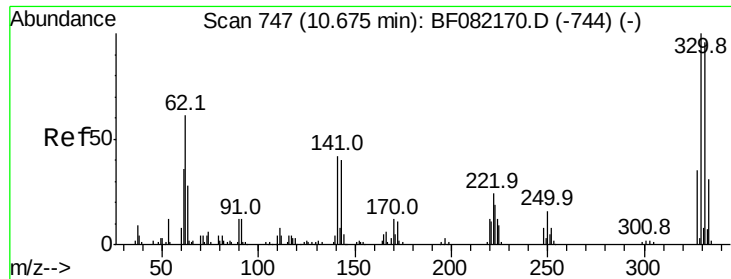
Tot Ion: 82 Resp: 533422
 Ion Ratio Lower Upper
 82 100
 128 39.8 38.7 58.1
 54 55.5 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082428.D
 Acq: 22 Oct 2015 3:39

Tgt Ion: 164 Resp: 140591
 Ion Ratio Lower Upper
 164 100
 162 105.7 81.6 122.4
 160 47.7 36.4 54.6

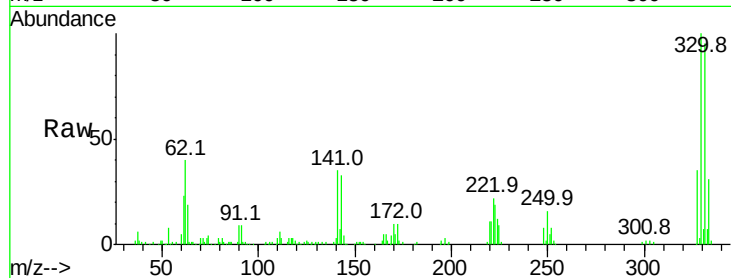




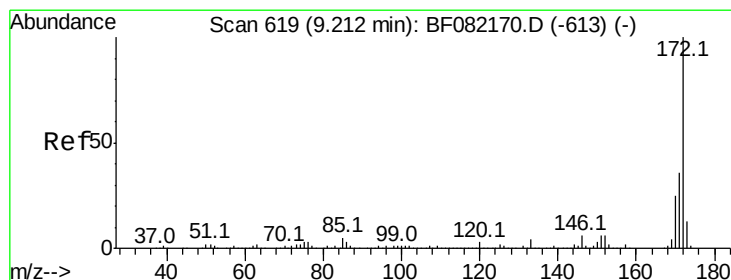
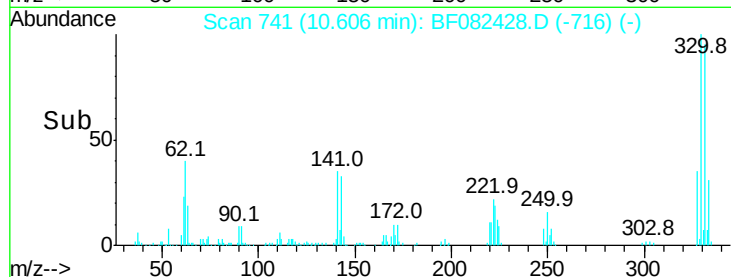
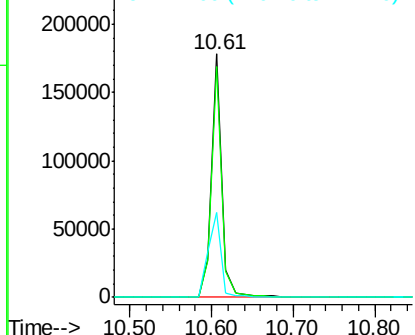
#41
 2,4,6-Tribromophenol
 Concen: 122.79 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082428.D
 Acq: 22 Oct 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

Tot Ion:330 Resp: 161890
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 43.5 29.8 44.8

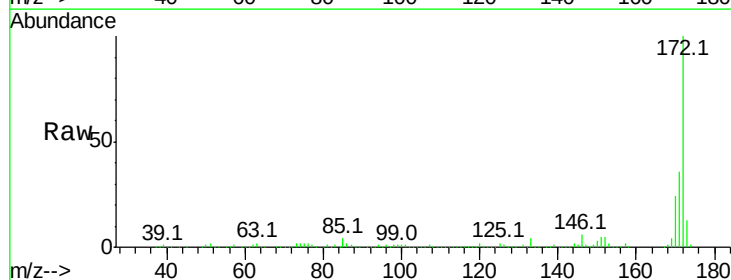


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

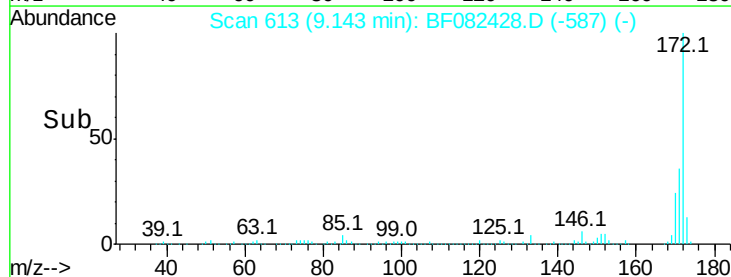
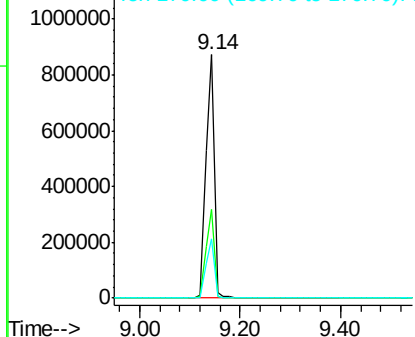


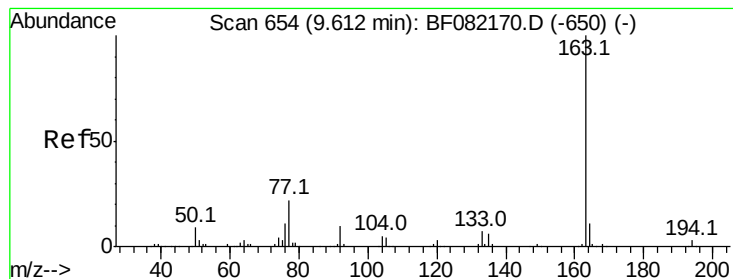
#44
 2-Fluorobiphenyl
 Concen: 119.10 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082428.D
 Acq: 22 Oct 2015 3:39

Tgt Ion:172 Resp: 1009721
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 24.4 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: 21.49 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

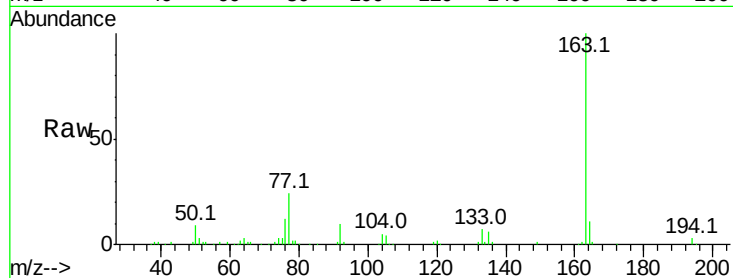
Tot Ion:163 Resp: 212794

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

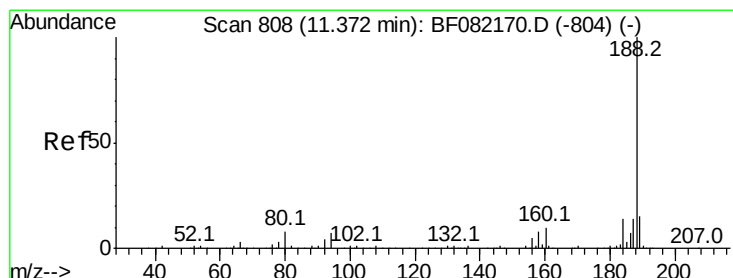
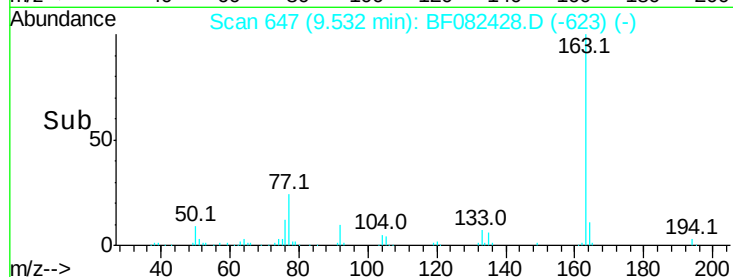
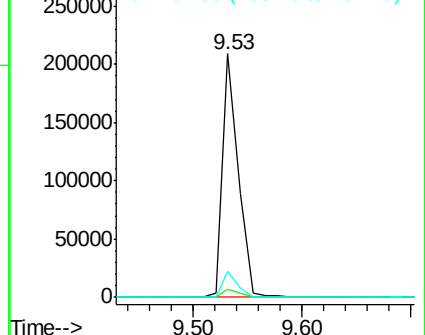
164 10.7 8.5 12.7



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: BF082428.D

Acq: 22 Oct 2015 3:39

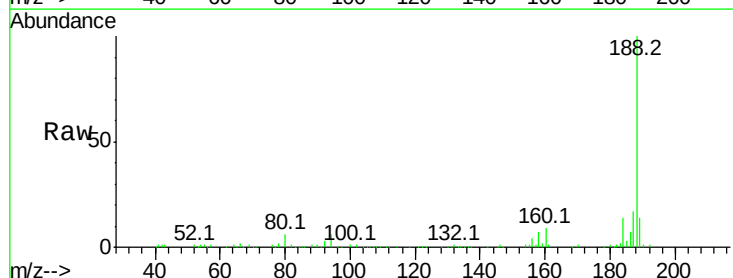
Tgt Ion:188 Resp: 227982

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.6#

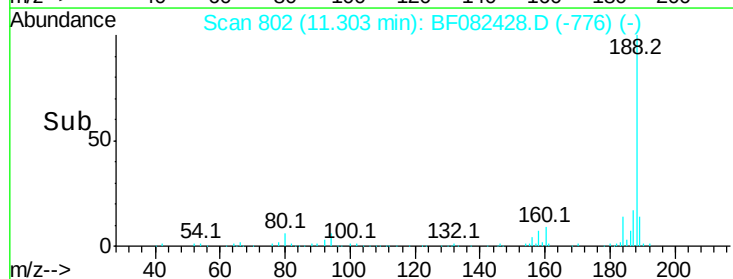
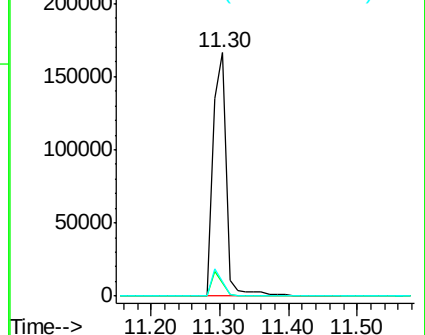
80 5.7 6.4 9.6#

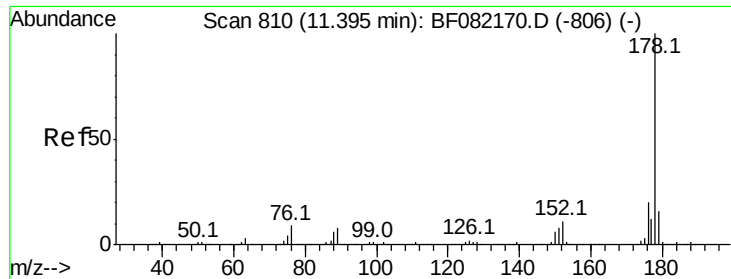


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

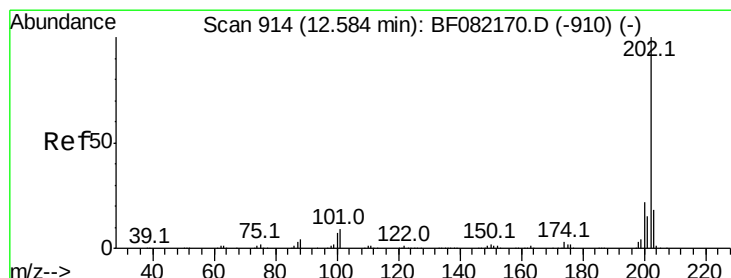
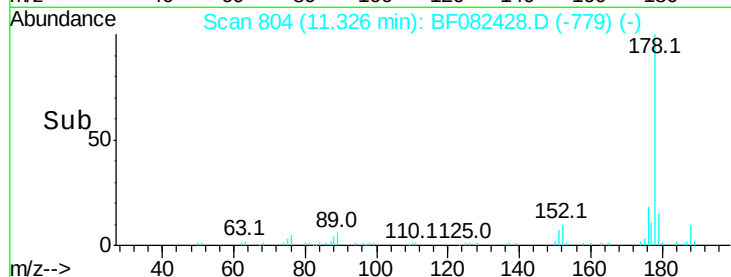
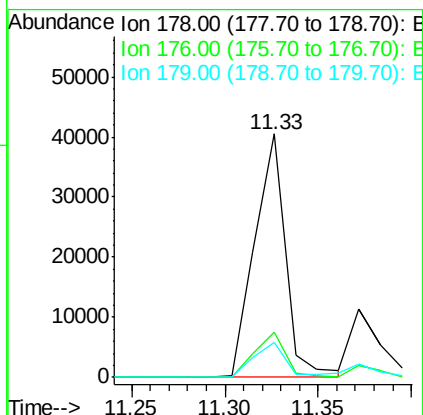
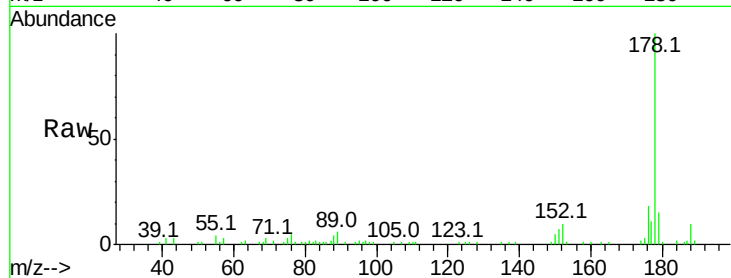




#70
Phenanthrene
Concen: 4.16 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF082428.D
Acq: 22 Oct 2015 3:39

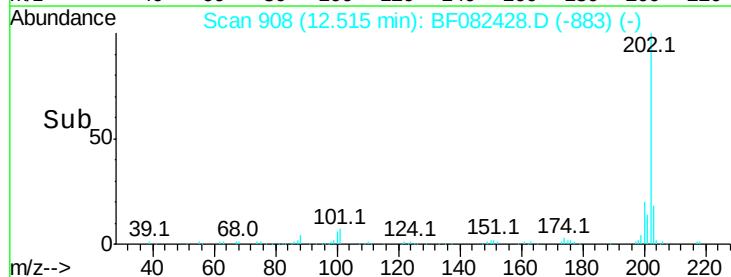
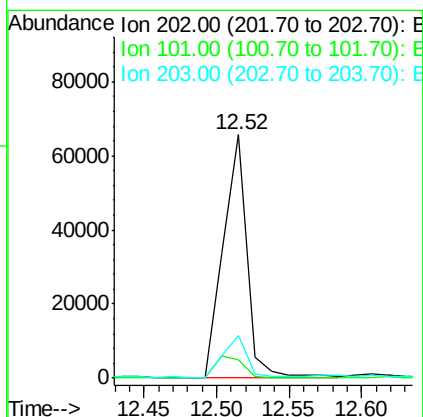
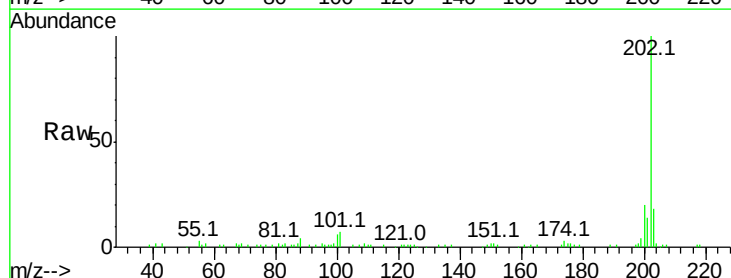
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

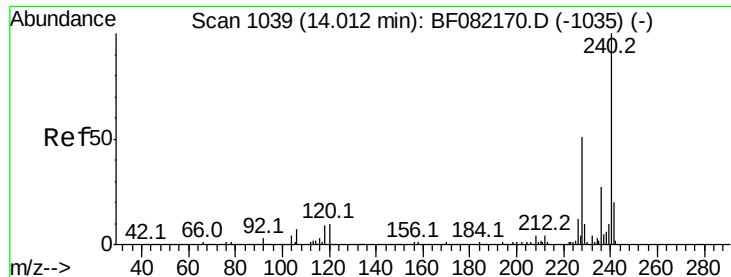
Tot Ion:178 Resp: 46540
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 14.6 12.6 19.0



#74
Fluoranthene
Concen: 6.29 ng
RT: 12.52 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF082428.D
Acq: 22 Oct 2015 3:39

Tgt Ion:202 Resp: 75454
Ion Ratio Lower Upper
202 100
101 7.3 0.0 29.3
203 17.6 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

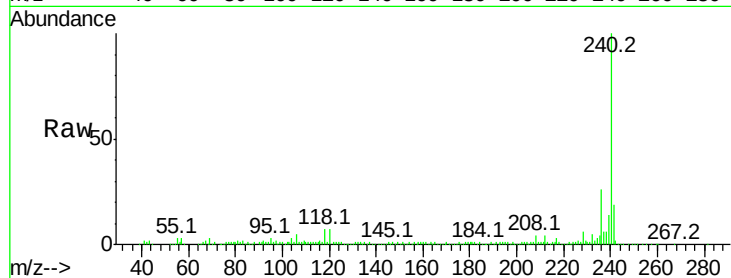
Tot Ion:240 Resp: 210832

Ion Ratio Lower Upper

240 100

120 7.3 8.1 12.1#

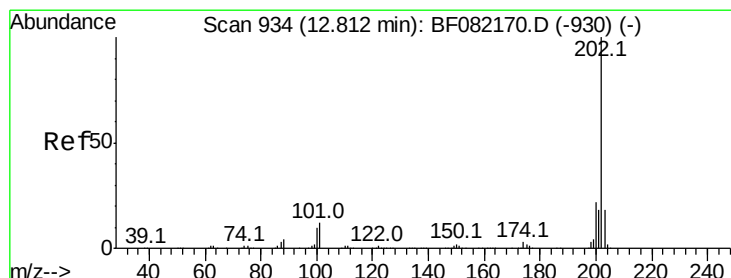
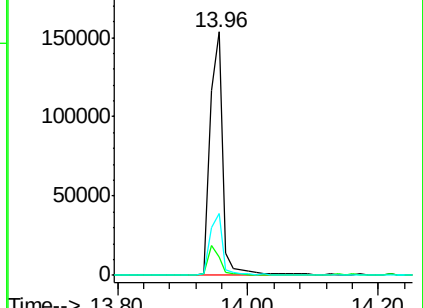
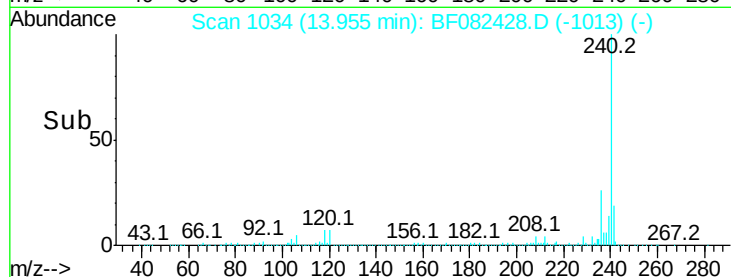
236 25.7 21.3 31.9



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

Pyrene

Concen: 5.56 ng

RT: 12.74 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

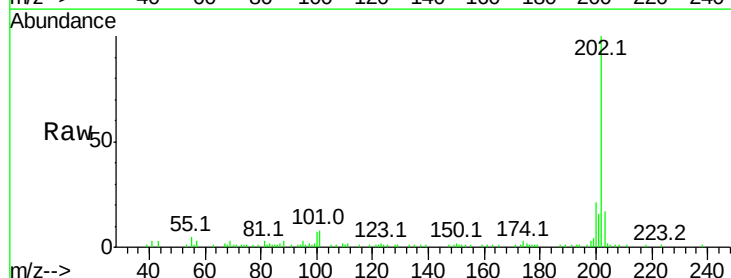
Tgt Ion:202 Resp: 69603

Ion Ratio Lower Upper

202 100

200 21.5 17.9 26.9

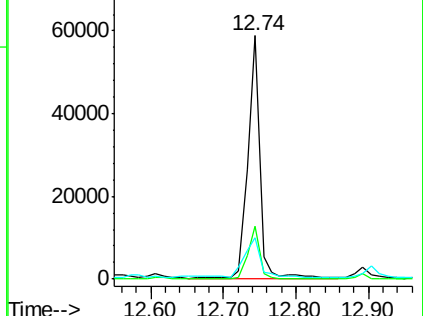
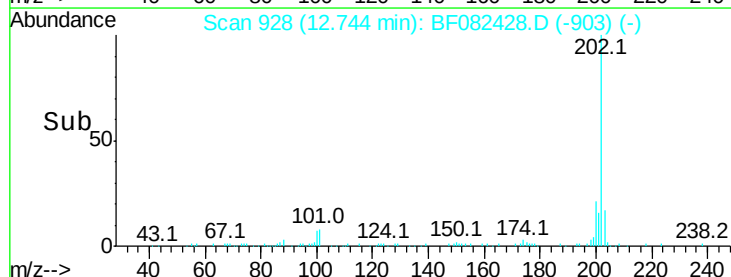
203 17.2 14.5 21.7

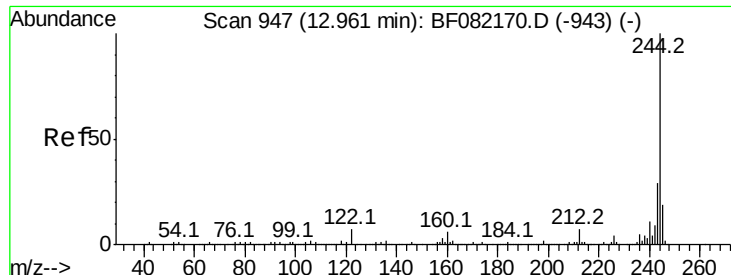


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

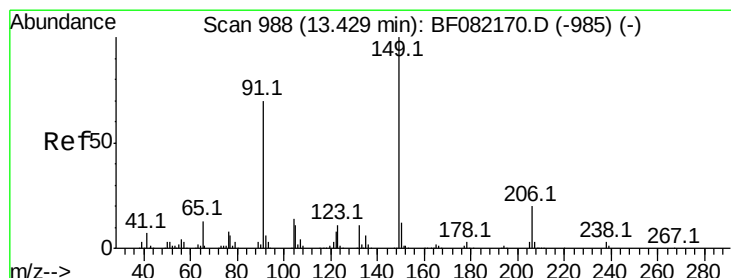
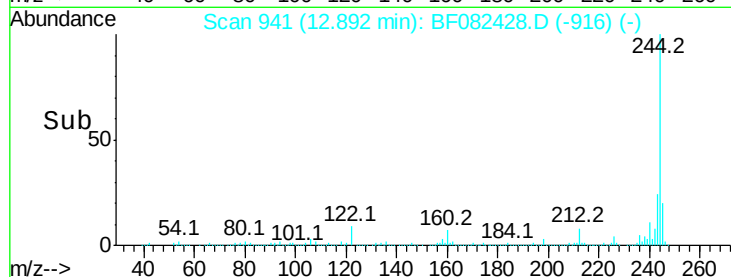
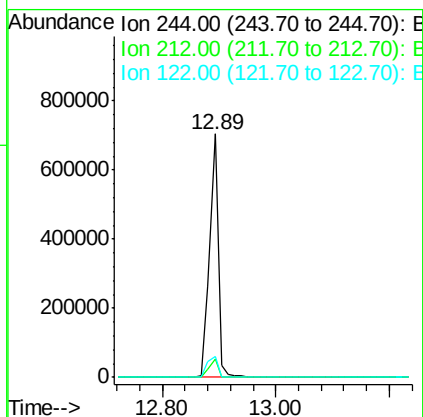
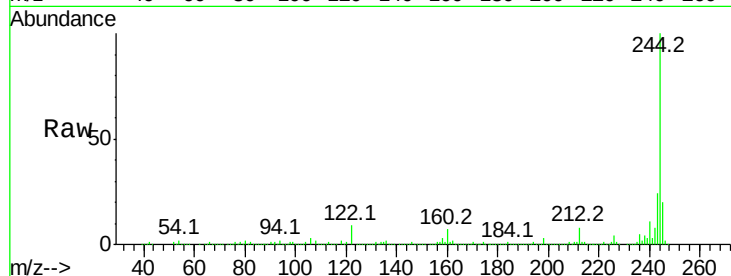




#78
 Terphenyl-d14
 Concen: 90.02 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082428.D
 Acq: 22 Oct 2015 3:39

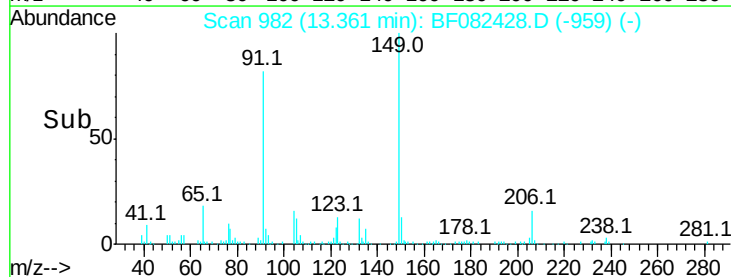
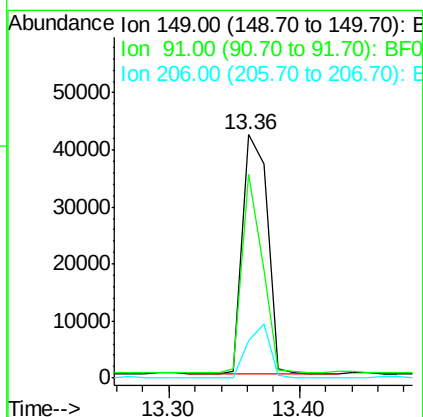
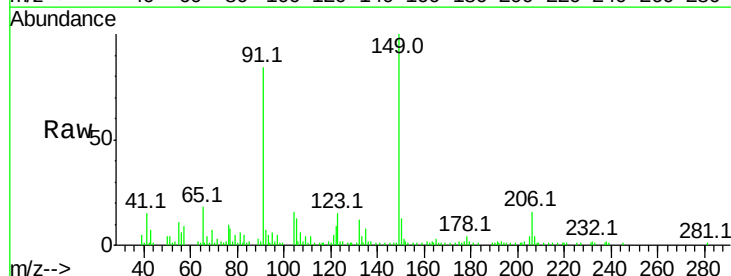
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

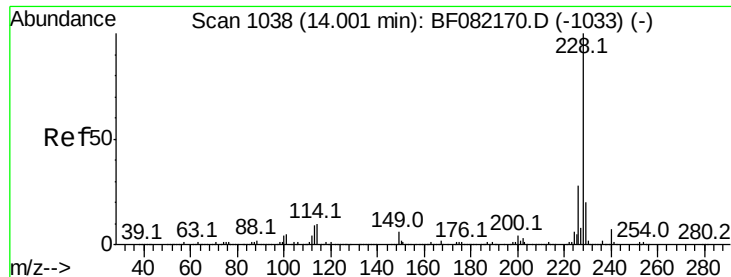
Tot Ion:244 Resp: 716176
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 8.6 5.9 8.9



#79
 Butylbenzylphthalate
 Concen: 9.71 ng
 RT: 13.36 min Scan# 982
 Delta R.T. -0.03 min
 Lab File: BF082428.D
 Acq: 22 Oct 2015 3:39

Tgt Ion:149 Resp: 55416
 Ion Ratio Lower Upper
 149 100
 91 83.5 55.7 83.5#
 206 15.7 15.6 23.4





#80

Benzo(a)anthracene

Concen: 3.53 ng m

RT: 13.94 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

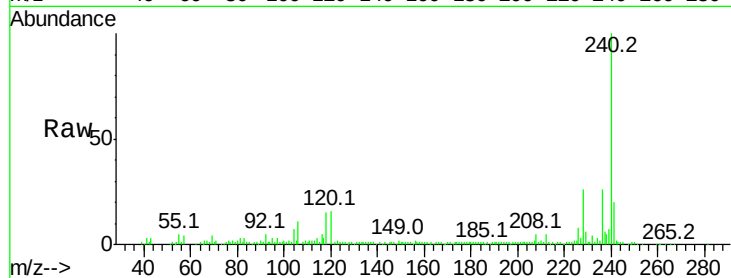
Tot Ion:228 Resp: 38681

Ion Ratio Lower Upper

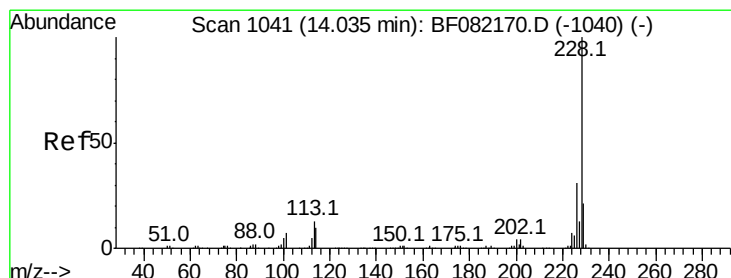
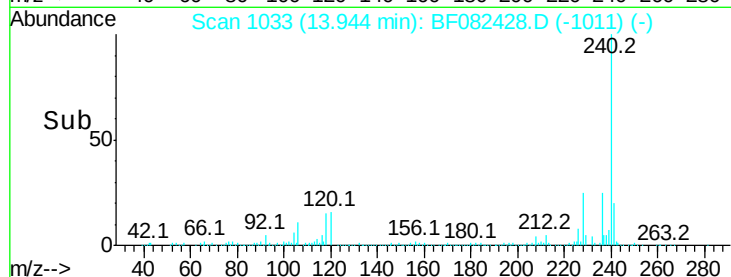
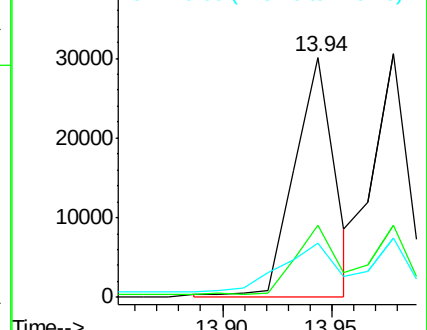
228 100

226 30.3 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



#82

Chrysene

Concen: 3.20 ng m

RT: 13.98 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

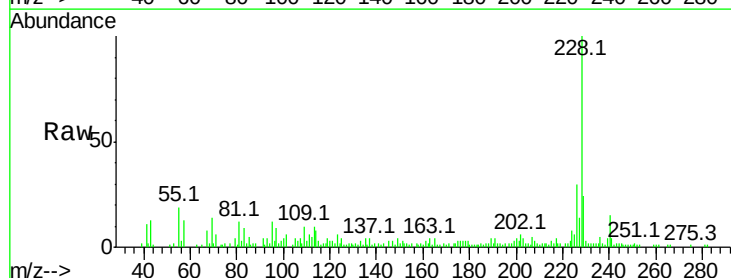
Tgt Ion:228 Resp: 37007

Ion Ratio Lower Upper

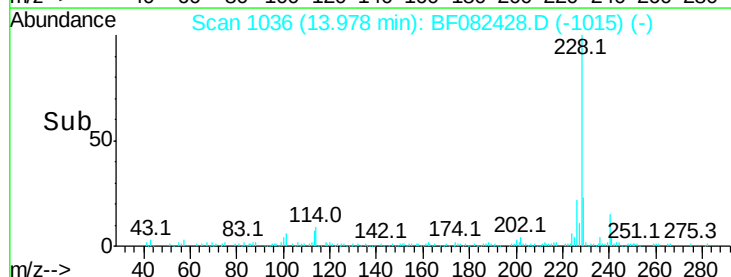
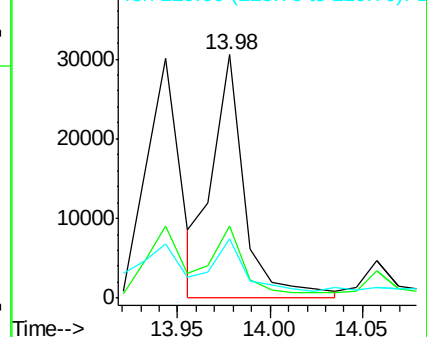
228 100

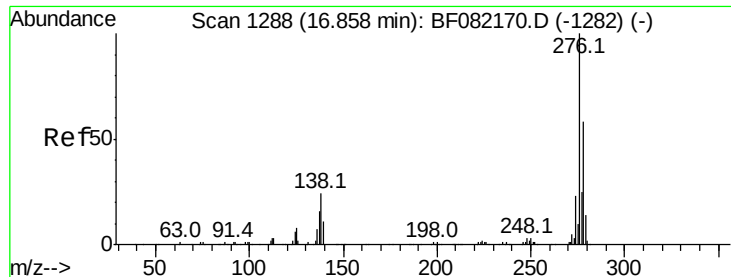
226 29.8 24.4 36.6

229 24.3 16.3 24.5



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.38 ng

RT: 16.80 min Scan# 1283

Delta R.T. -0.15 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

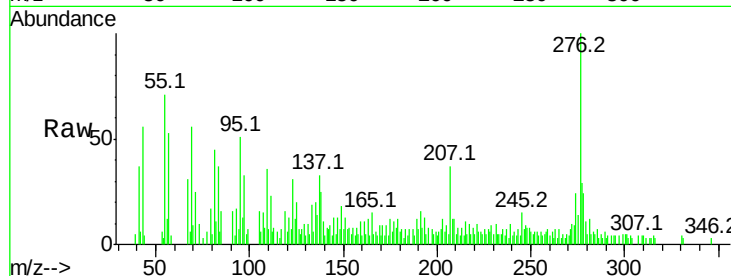
Tot Ion:276 Resp: 21846

Ion Ratio Lower Upper

276 100

138 21.3 19.7 29.5

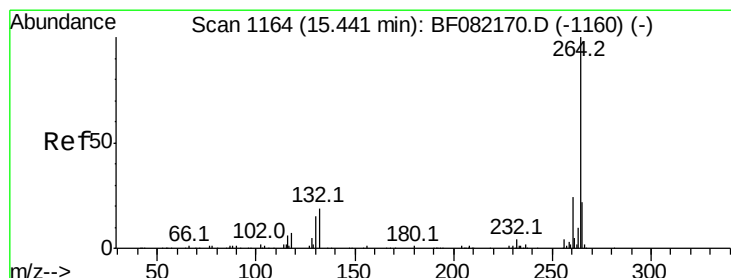
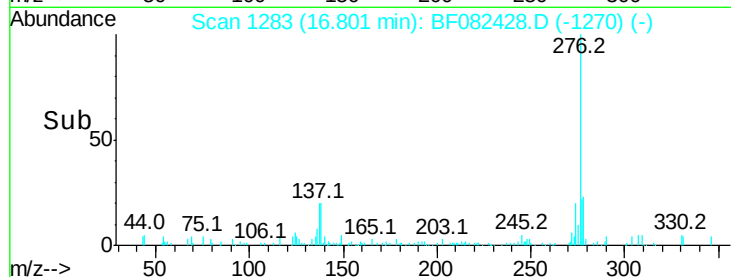
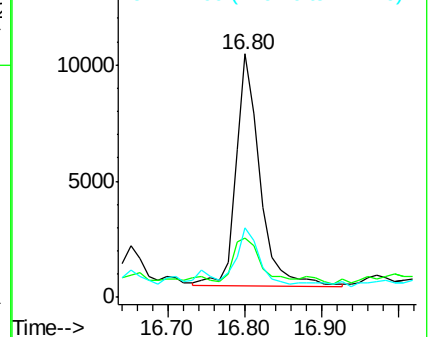
277 22.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1161

Delta R.T. -0.13 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

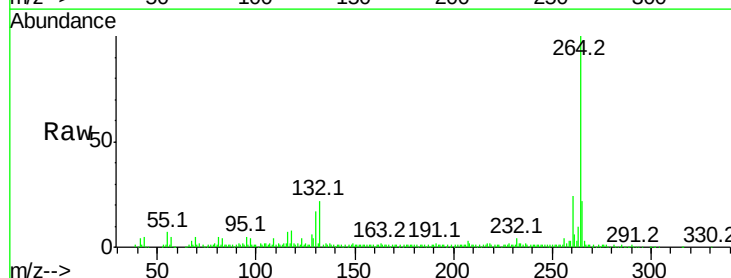
Tgt Ion:264 Resp: 208540

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

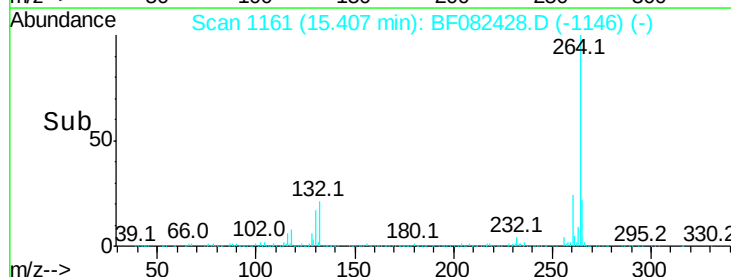
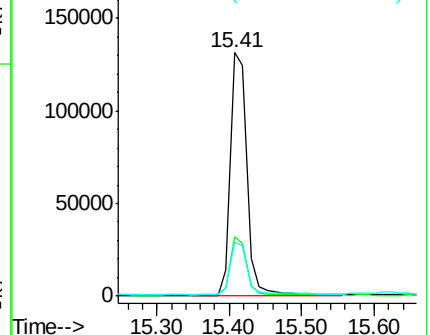
265 22.4 17.3 25.9

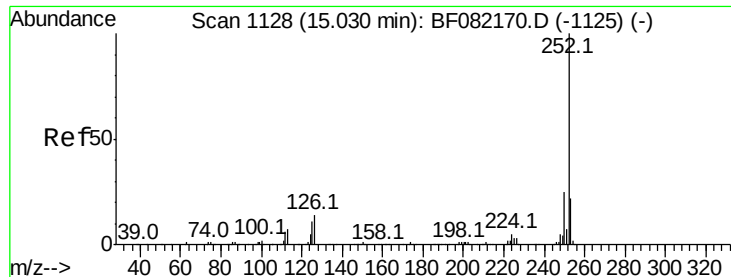


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.99 ng m

RT: 15.01 min Scan# 1126

Delta R.T. -0.13 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

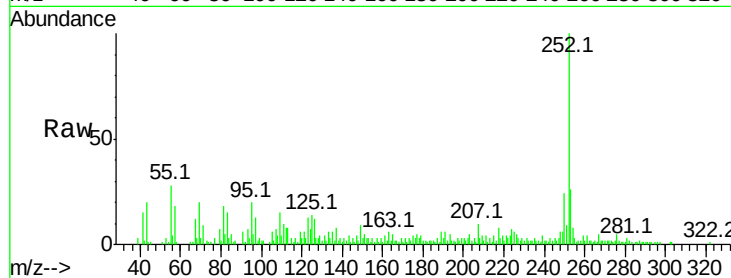
Tot Ion:252 Resp: 50666

Ion Ratio Lower Upper

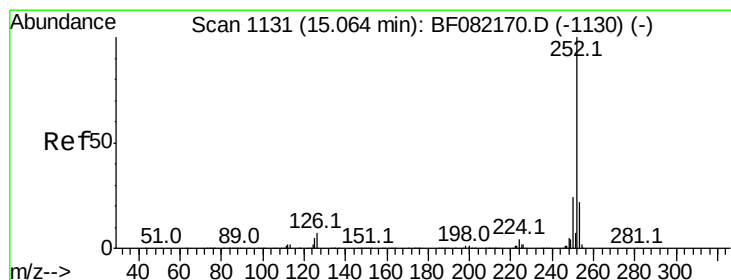
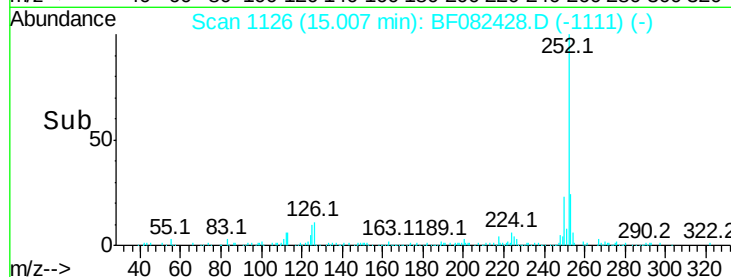
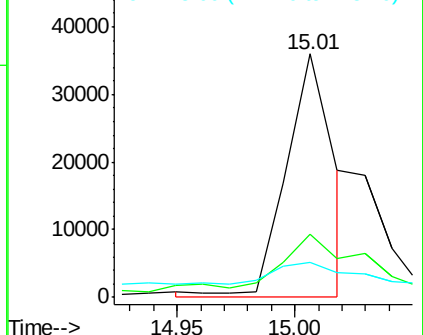
252 100

253 25.7 18.0 27.0

125 14.4 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.04 ng m

RT: 15.02 min Scan# 1127

Delta R.T. -0.14 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

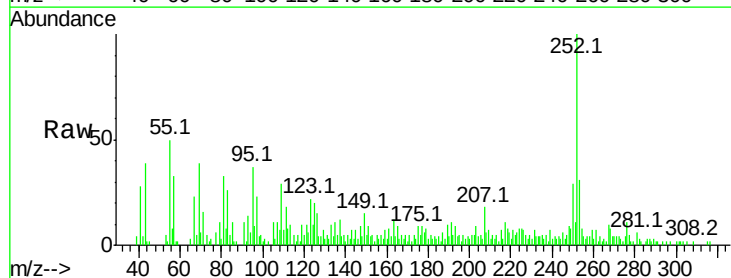
Tgt Ion:252 Resp: 21769

Ion Ratio Lower Upper

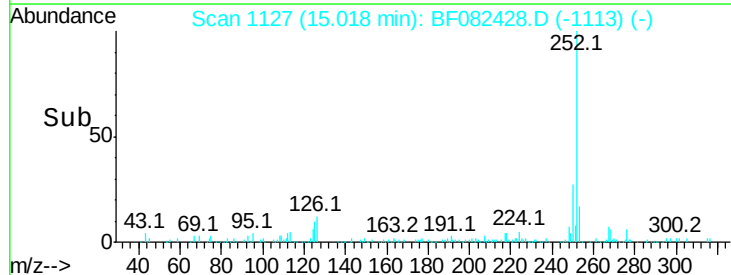
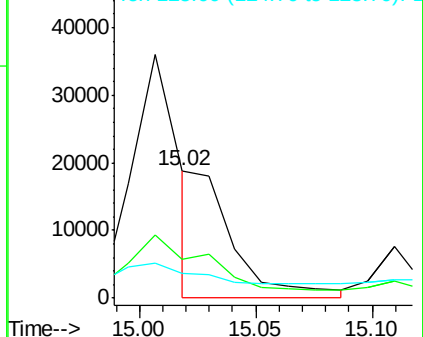
252 100

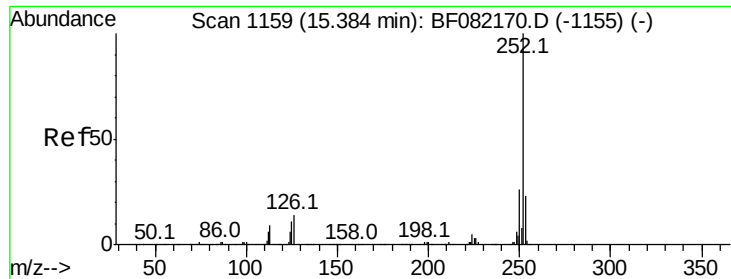
253 30.8 17.8 26.6#

125 19.5 6.7 10.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.25 ng

RT: 15.35 min Scan# 1156

Delta R.T. -0.13 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

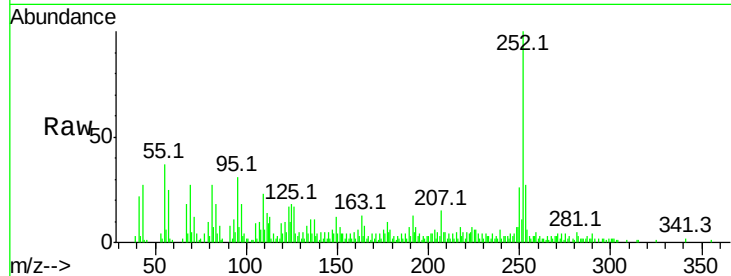
Tot Ion:252 Resp: 35486

Ion Ratio Lower Upper

252 100

253 27.2 18.2 27.2

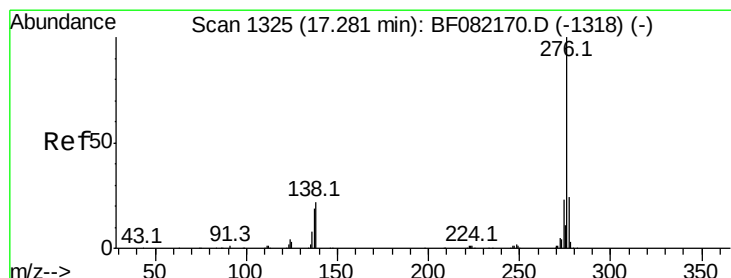
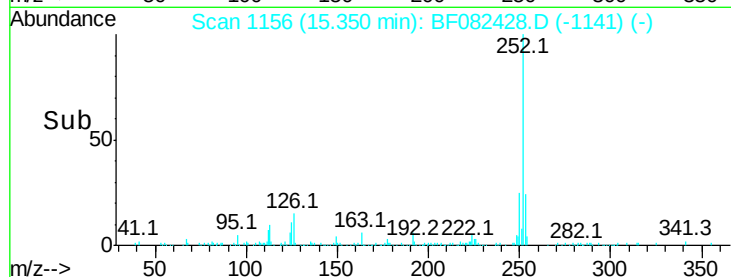
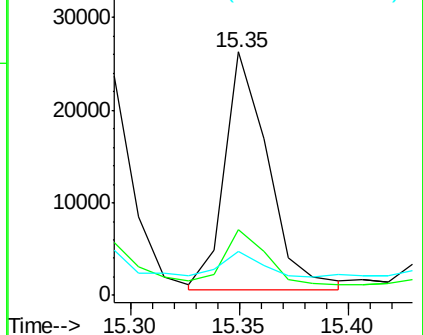
125 18.2 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.51 ng

RT: 17.22 min Scan# 1320

Delta R.T. -0.14 min

Lab File: BF082428.D

Acq: 22 Oct 2015 3:39

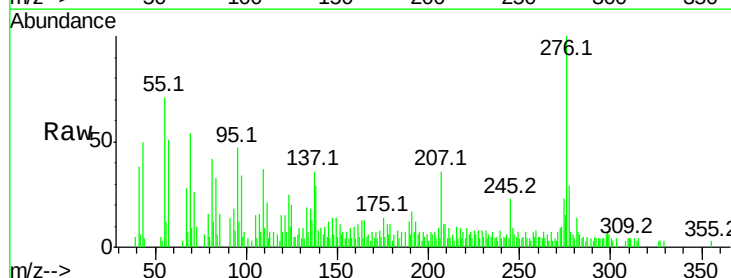
Tgt Ion:276 Resp: 21797

Ion Ratio Lower Upper

276 100

277 28.9 18.8 28.2#

138 28.7 17.4 26.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

