

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082532.D
 Acq On : 27 Oct 2015 5:35
 Operator : UM/IZ
 Sample : G4116-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 27 07:24:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

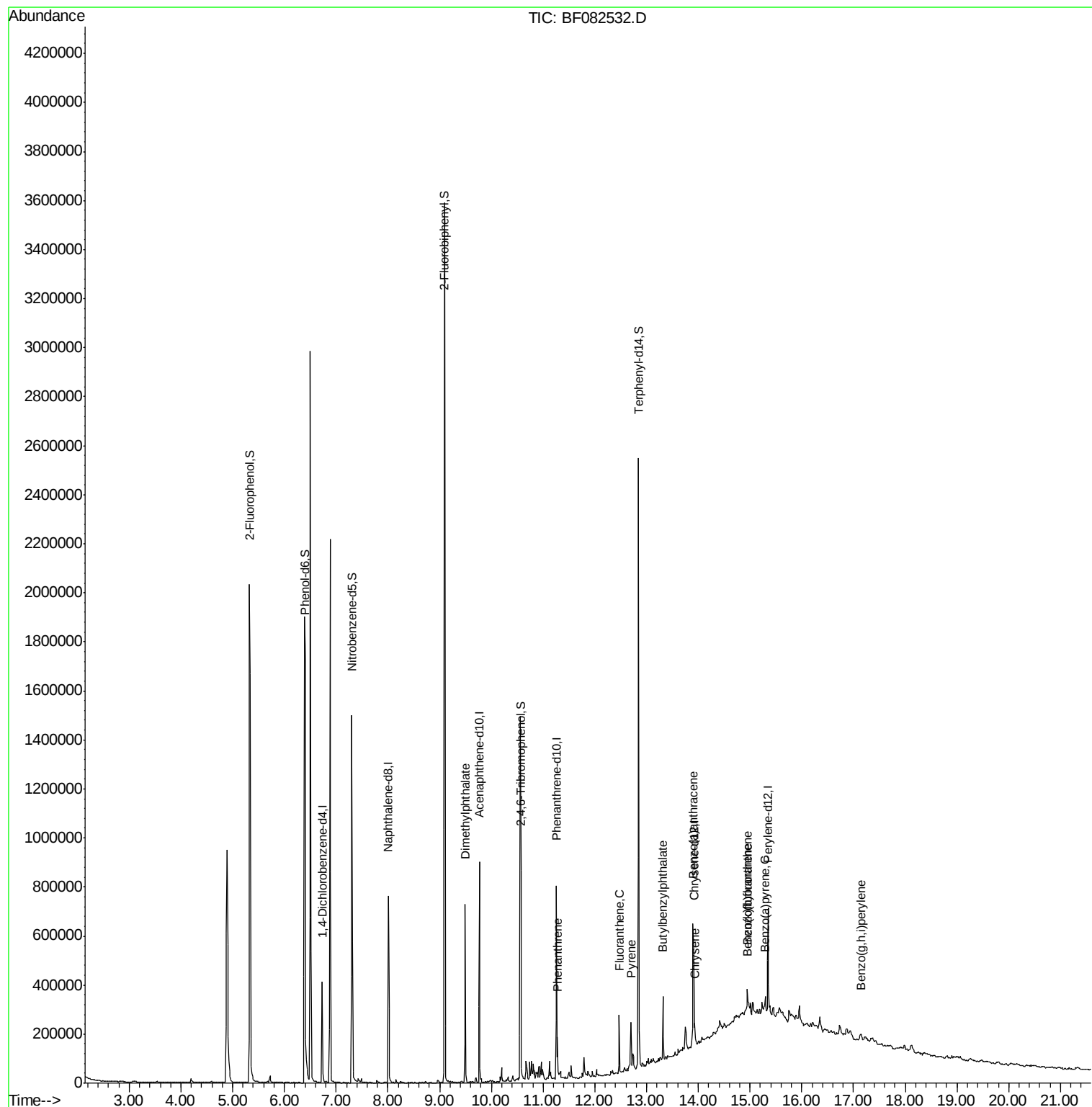
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	103922	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	386646	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	192929	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	311374	20.00	ng	0.00
75) Chrysene-d12	13.91	240	233395	20.00	ng	0.00
86) Perylene-d12	15.35	264	205309	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	843664	160.26	ng	0.01
7) Phenol-d6	6.40	99	1136118	165.59	ng	0.02
23) Nitrobenzene-d5	7.30	82	624665	104.23	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	216776	150.05	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1133292	93.41	ng	0.00
78) Terphenyl-d14	12.85	244	816424	100.78	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	302186	22.51	ng	99
70) Phenanthrene	11.28	178	66374	4.14	ng	97
74) Fluoranthene	12.47	202	99416	6.04	ng	95
77) Pyrene	12.70	202	82258	5.73	ng	99
79) Butylbenzylphthalate	13.32	149	66092	10.95	ng	98
80) Benzo(a)anthracene	13.90	228	43790m	3.50	ng	
82) Chrysene	13.93	228	39803m	3.37	ng	
87) Benzo(b)fluoranthene	14.95	252	47771m	3.92	ng	
88) Benzo(k)fluoranthene	14.96	252	22197m	2.23	ng	
89) Benzo(a)pyrene	15.29	252	33483	3.17	ng	# 88
91) Benzo(a,h,i)perylene	17.14	276	18795	2.15	ng	# 87

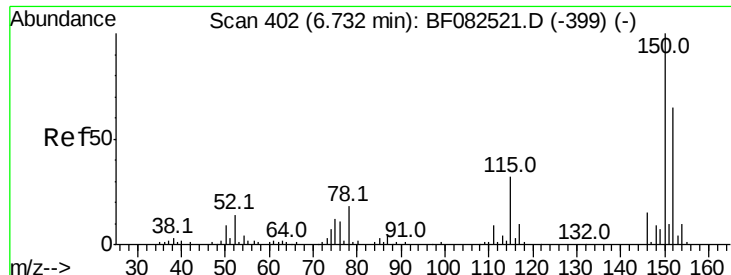
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

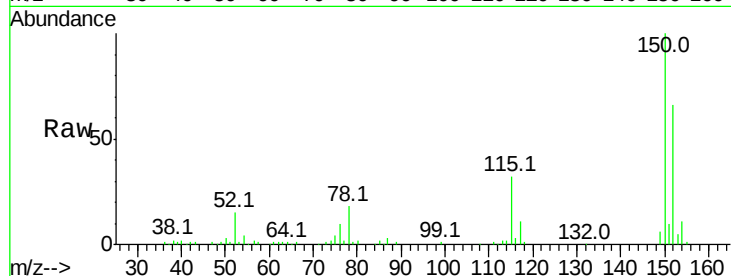
Tot Ion:152 Resp: 103922

Ion Ratio Lower Upper

152 100

150 152.5 123.4 185.0

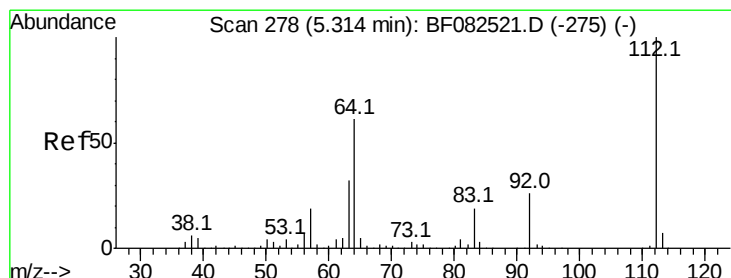
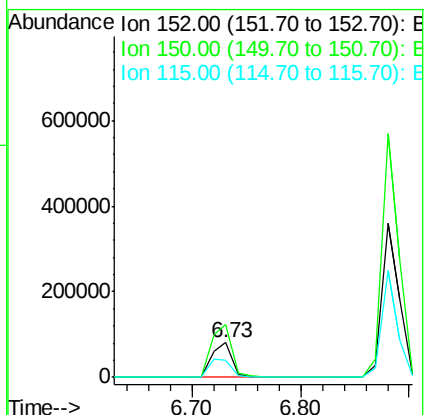
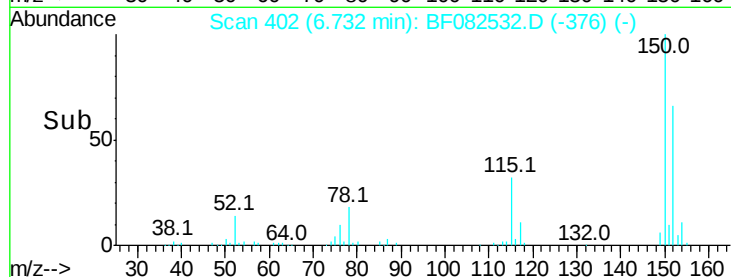
115 49.2 39.0 58.4



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: 160.26 ng

RT: 5.33 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

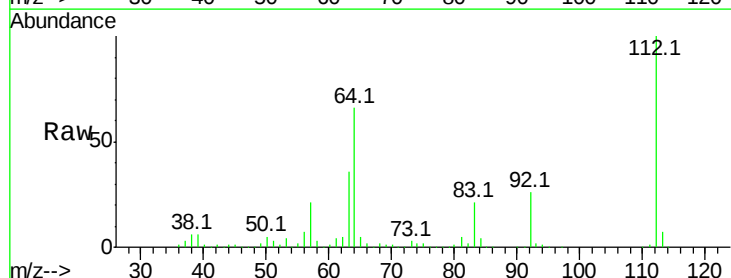
Tgt Ion:112 Resp: 843664

Ion Ratio Lower Upper

112 100

64 66.0 49.0 73.4

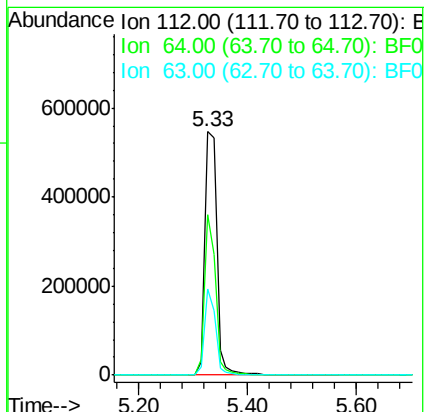
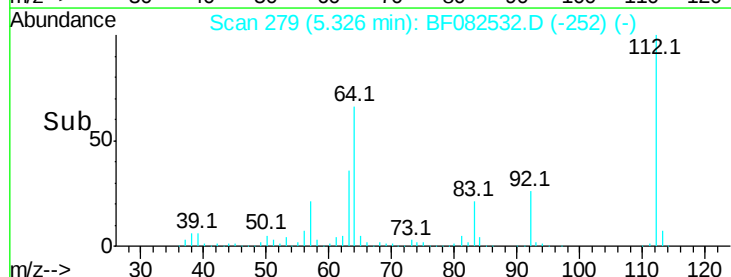
63 35.6 25.8 38.6

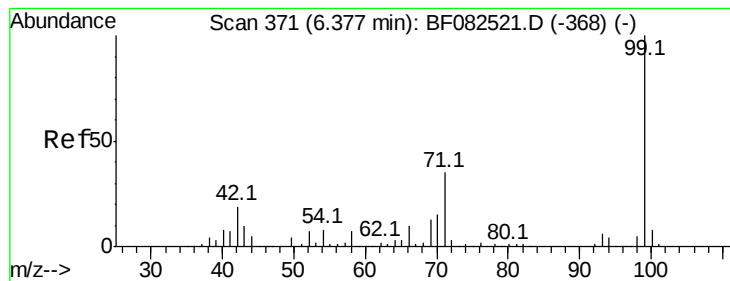


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 165.59 ng

RT: 6.40 min Scan# 373

Delta R.T. 0.02 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

Instrument :

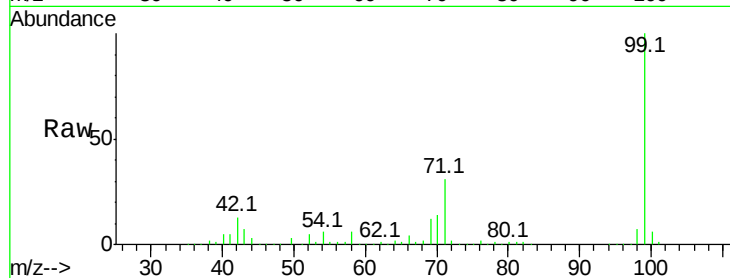
BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

Tot Ion: 99 Resp: 1136118

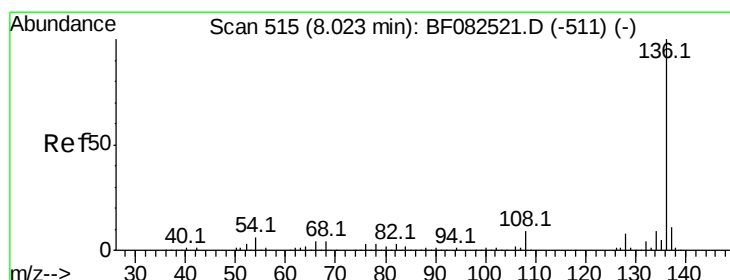
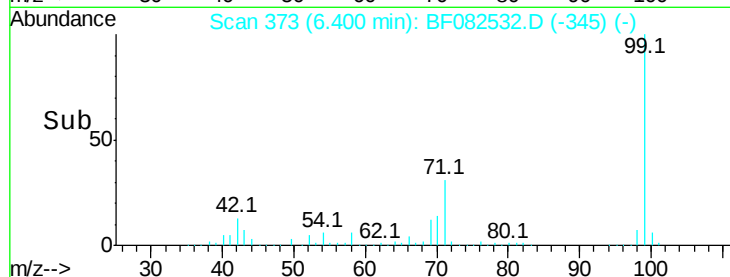
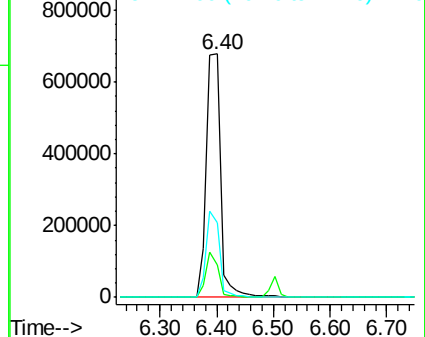
Ion	Ratio	Lower	Upper
99	100		
42	13.4	15.1	22.7#
71	30.6	28.2	42.2



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: 8.01 min Scan# 514

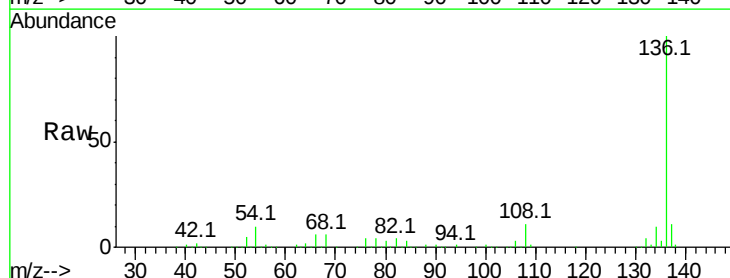
Delta R.T. -0.01 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

Tgt Ion: 136 Resp: 386646

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	4.6	7.0#
68	6.1	3.2	4.8#

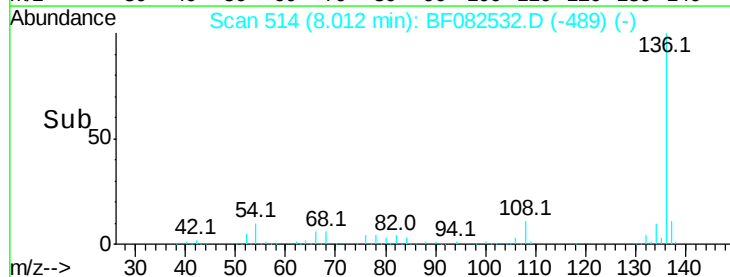
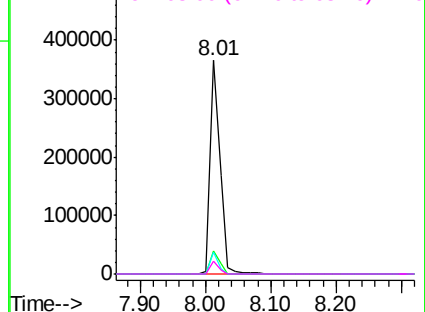


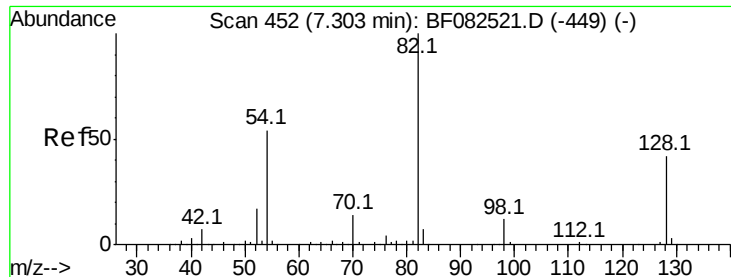
Abundance Ion 136.00 (135.70 to 136.70): E

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

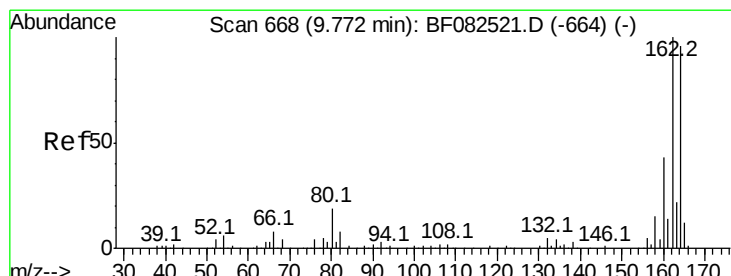
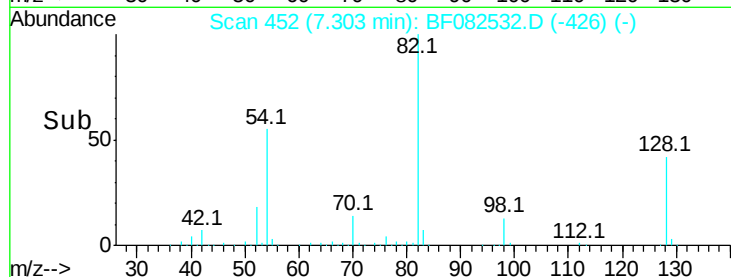
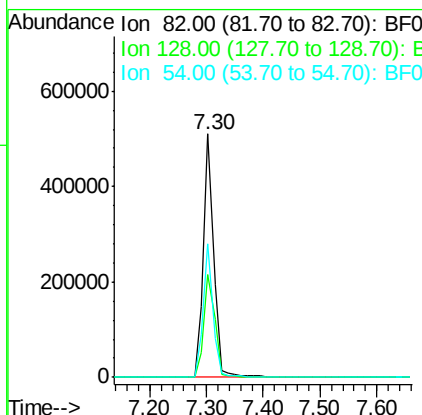
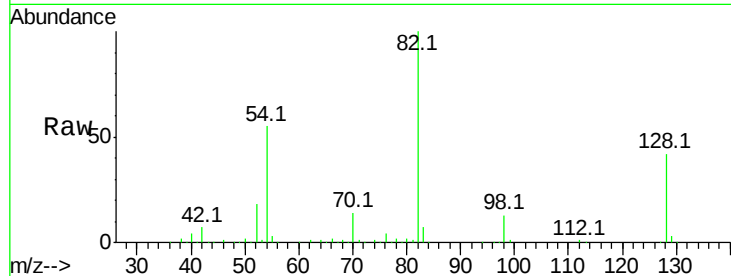




#23
 Nitrobenzene-d5
 Concen: 104.23 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF082532.D
 Acq: 27 Oct 2015 5:35

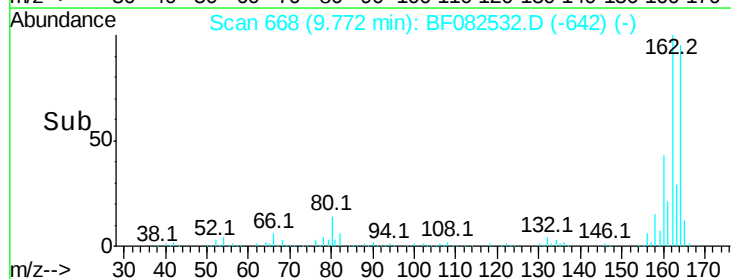
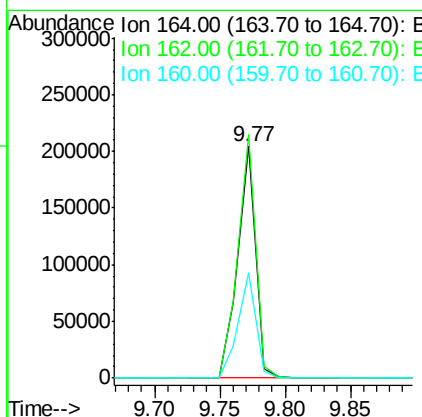
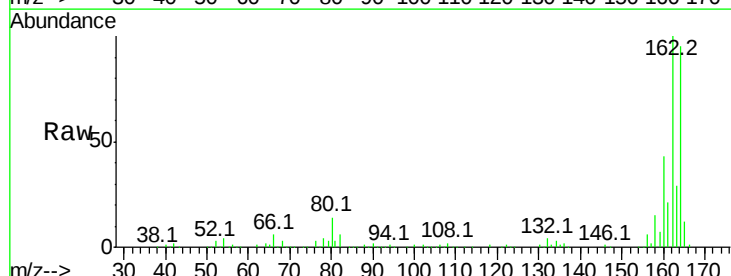
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

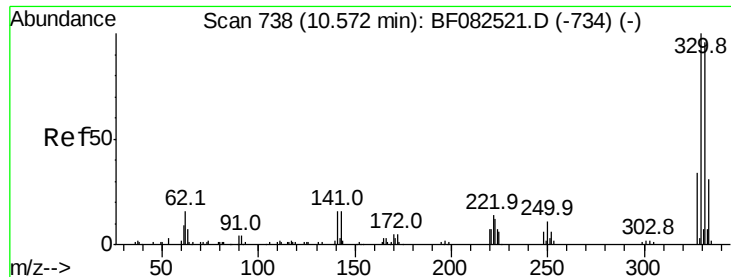
Tot Ion: 82 Resp: 624665
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.4 50.0
 54 54.7 43.5 65.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF082532.D
 Acq: 27 Oct 2015 5:35

Tgt Ion: 164 Resp: 192929
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.6 125.4
 160 45.6 36.0 54.0

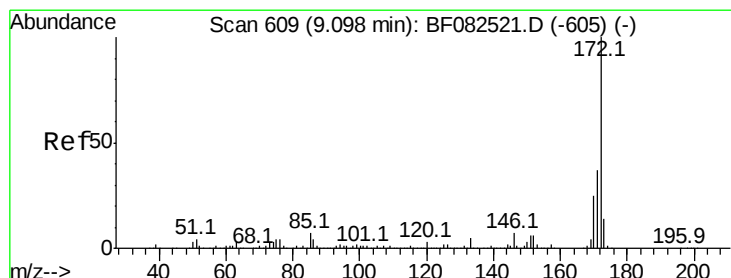
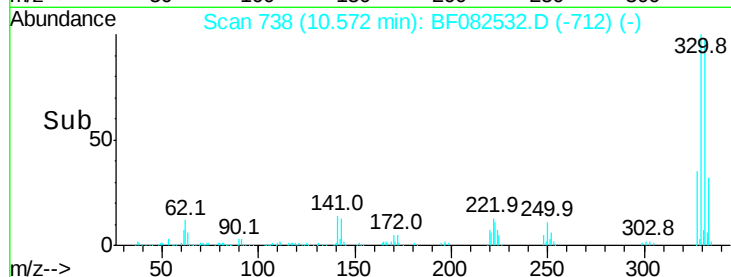
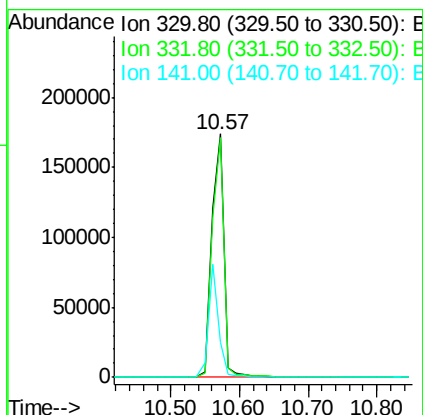
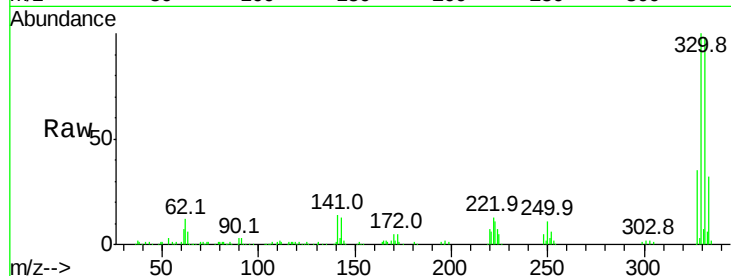




#41
 2,4,6-Tribromophenol
 Concen: 150.05 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082532.D
 Acq: 27 Oct 2015 5:35

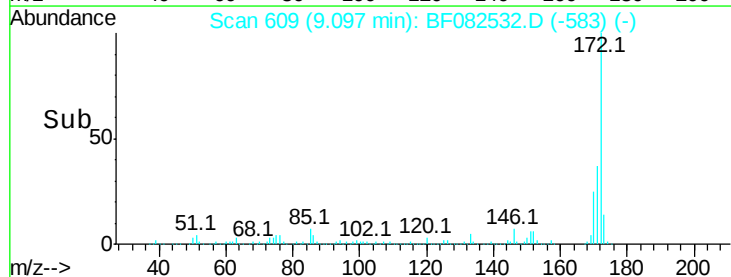
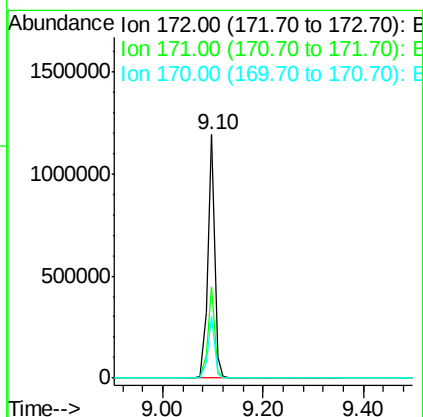
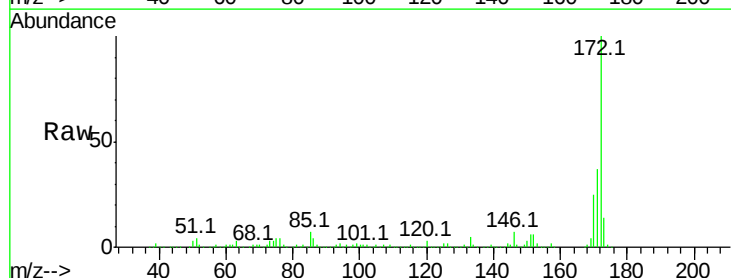
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

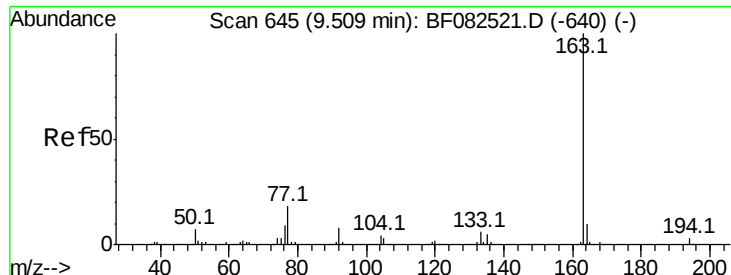
Tot Ion:330 Resp: 216776
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 38.7 32.5 48.7



#44
 2-Fluorobiphenyl
 Concen: 93.41 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082532.D
 Acq: 27 Oct 2015 5:35

Tgt Ion:172 Resp: 1133292
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.3 43.9
 170 25.3 19.8 29.6





#49

Dimethylphthalate

Concen: 22.51 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

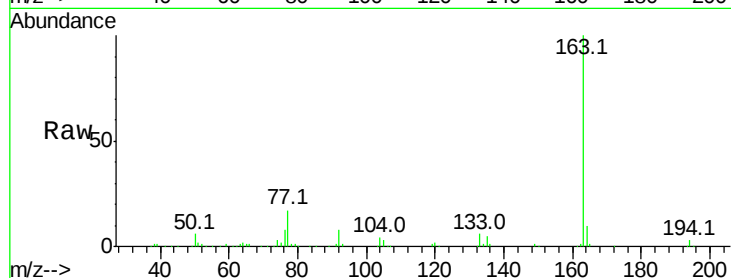
Tot Ion:163 Resp: 302186

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

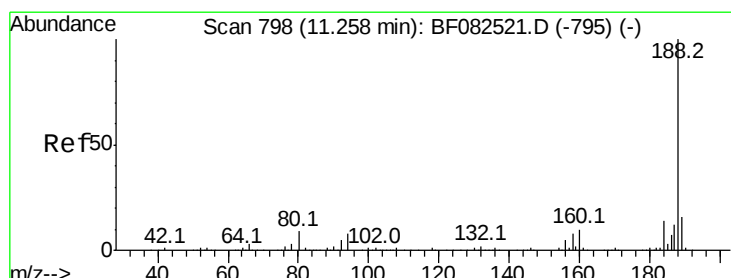
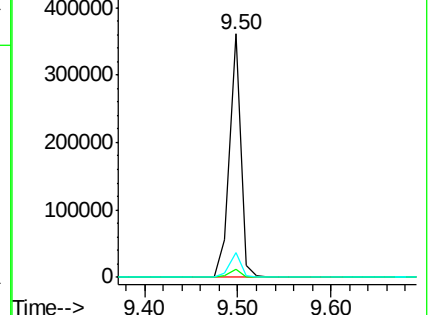
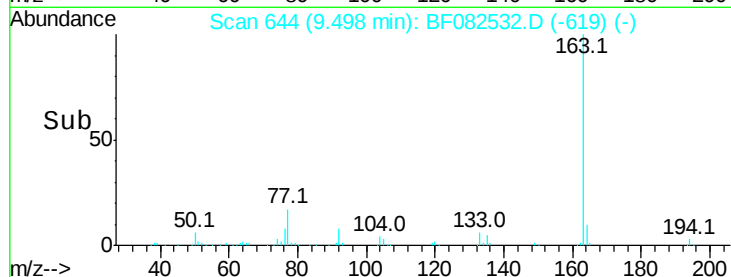
164 10.1 8.2 12.4



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: 11.26 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

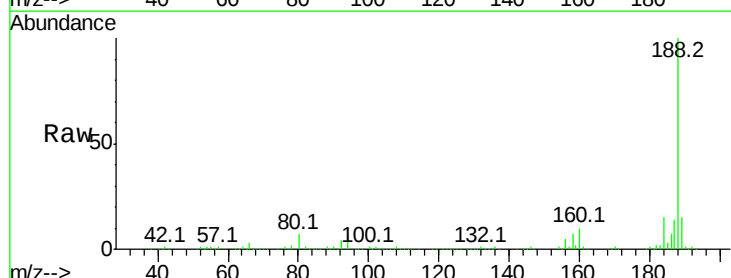
Tgt Ion:188 Resp: 311374

Ion Ratio Lower Upper

188 100

94 6.7 6.4 9.6

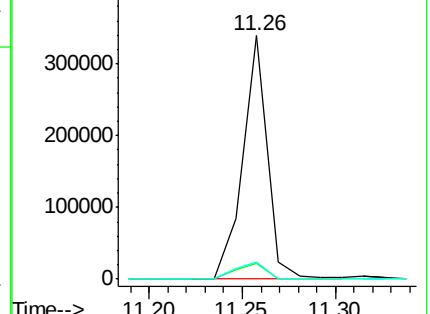
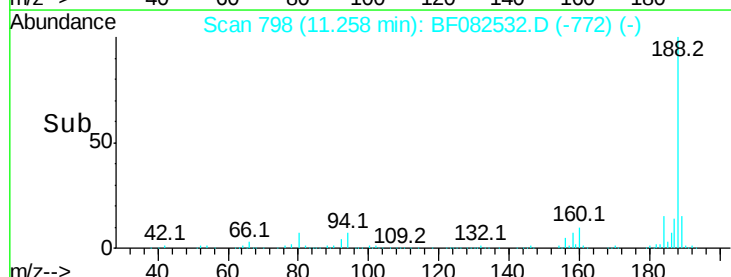
80 7.0 7.0 10.6#

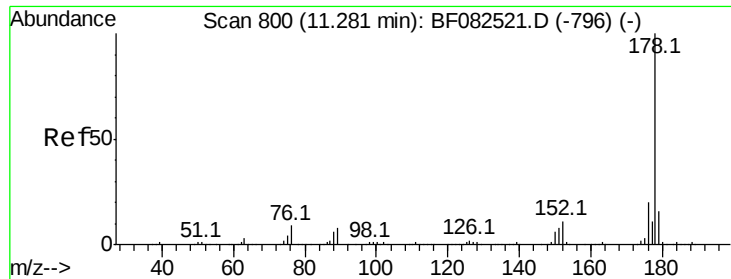


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

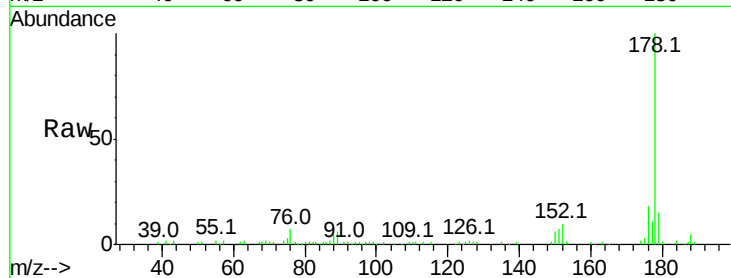




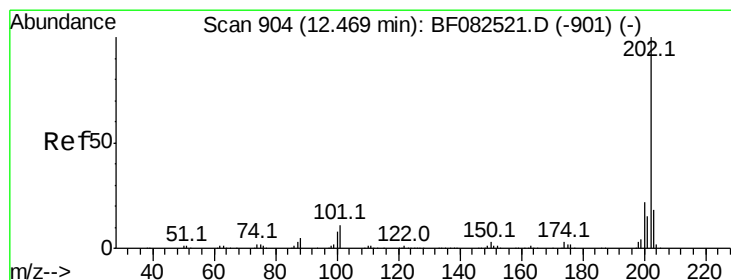
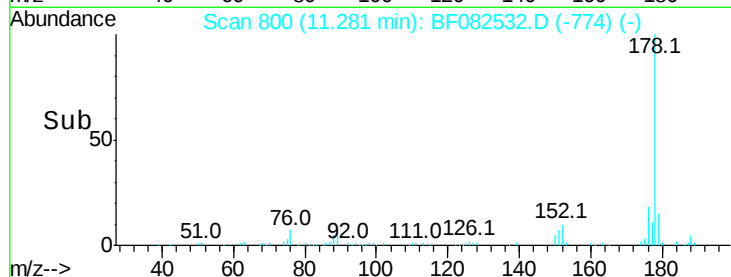
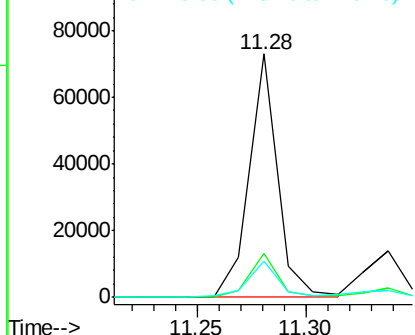
#70
Phenanthrene
Concen: 4.14 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

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

Tot Ion:178 Resp: 66374
Ion Ratio Lower Upper
178 100
176 18.0 15.9 23.9
179 15.1 12.8 19.2

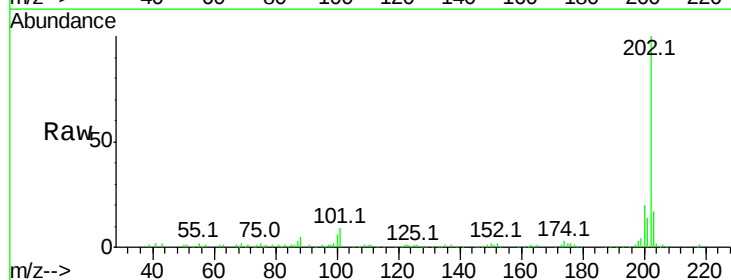


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

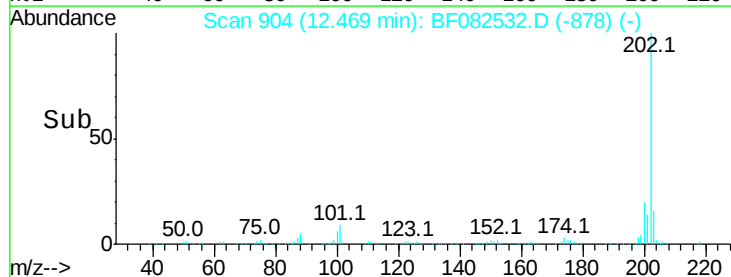
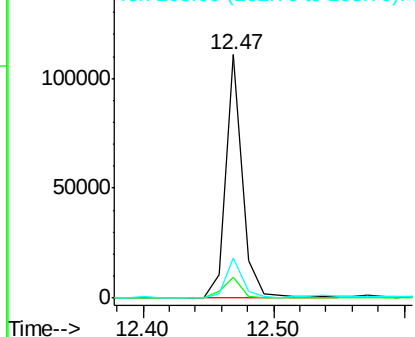


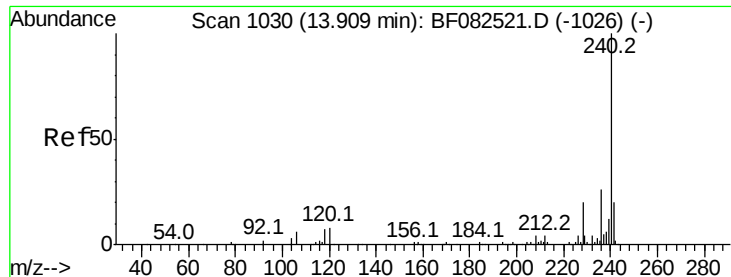
#74
Fluoranthene
Concen: 6.04 ng
RT: 12.47 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:202 Resp: 99416
Ion Ratio Lower Upper
202 100
101 8.6 0.0 31.2
203 16.6 0.0 38.1



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: 13.91 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

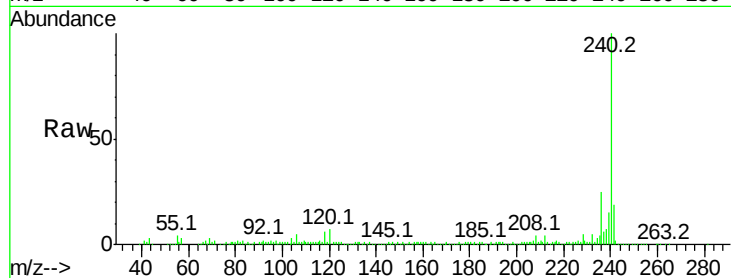
Tot Ion:240 Resp: 233395

Ion Ratio Lower Upper

240 100

120 6.9 6.5 9.7

236 24.8 20.5 30.7



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

13.91

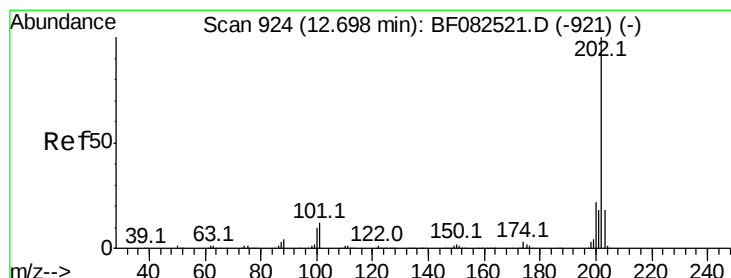
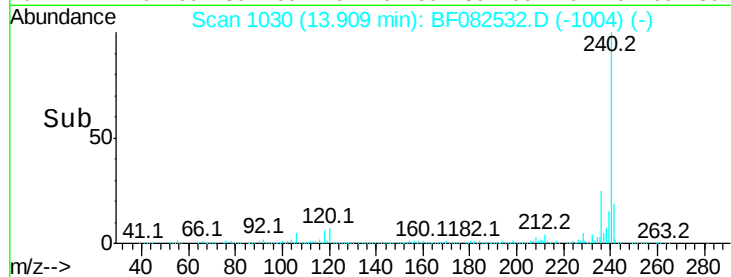
150000

100000

50000

0

Time-->



#77

Pyrene

Concen: 5.73 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

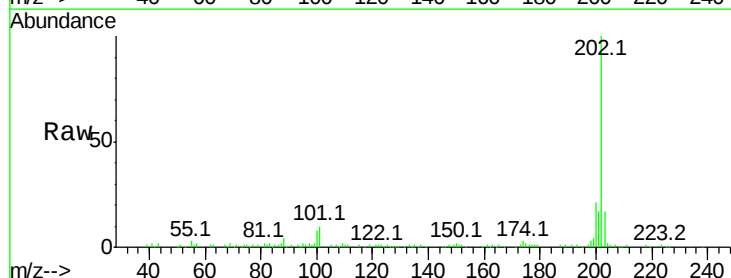
Tgt Ion:202 Resp: 82258

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

203 17.4 14.6 22.0



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

12.70

120000

100000

80000

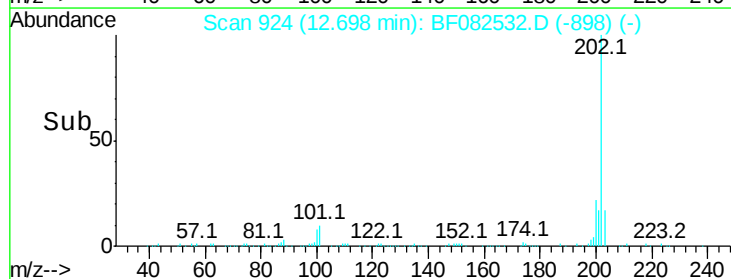
60000

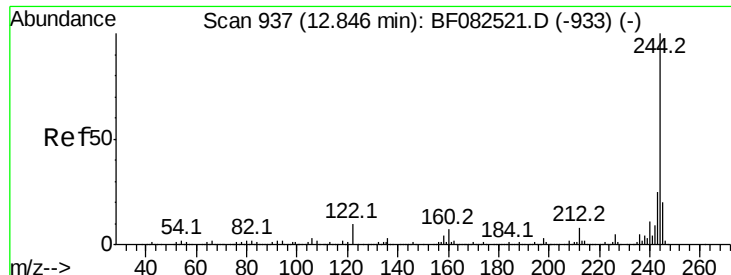
40000

20000

0

Time-->





#78

Terphenyl-d14

Concen: 100.78 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

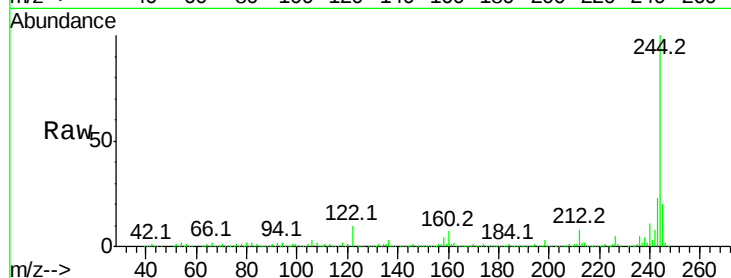
Tot Ion:244 Resp: 816424

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

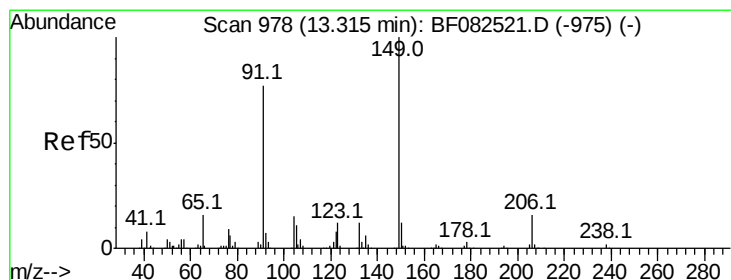
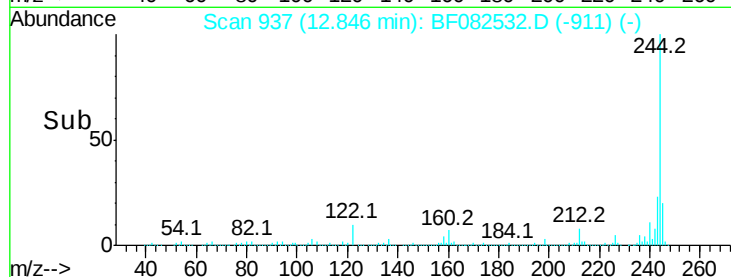
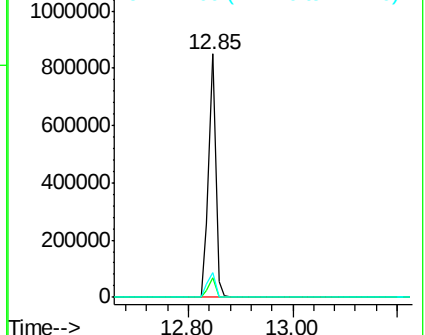
122 10.0 8.1 12.1



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



#79

Butylbenzylphthalate

Concen: 10.95 ng

RT: 13.32 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

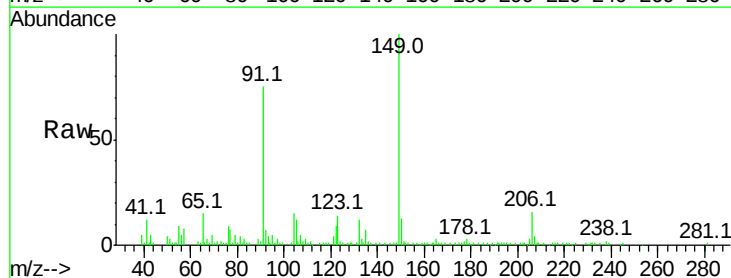
Tgt Ion:149 Resp: 66092

Ion Ratio Lower Upper

149 100

91 75.2 62.0 93.0

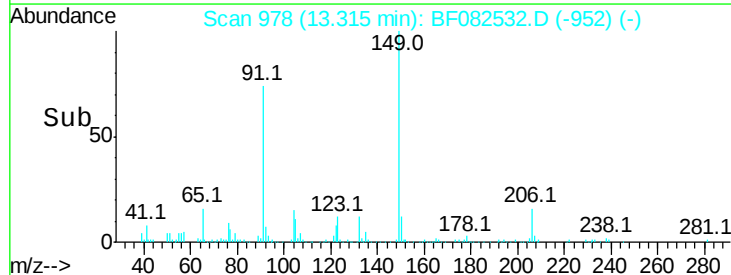
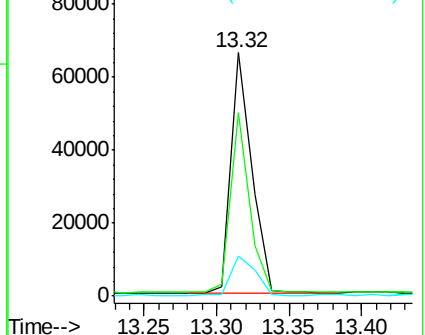
206 16.3 13.0 19.4

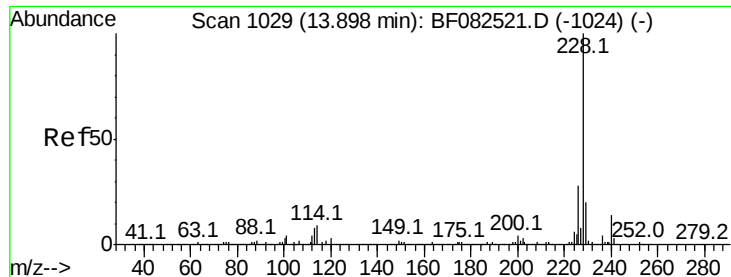


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3.50 ng m

RT: 13.90 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-01(0-2)

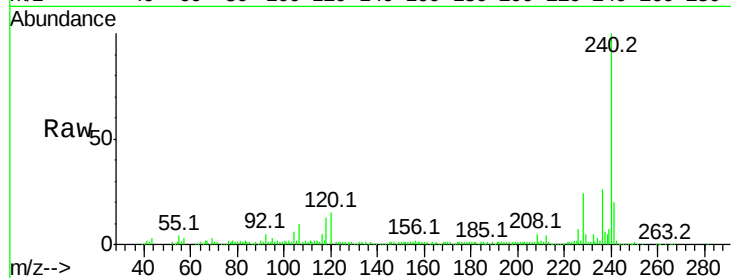
Tot Ion:228 Resp: 43790

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

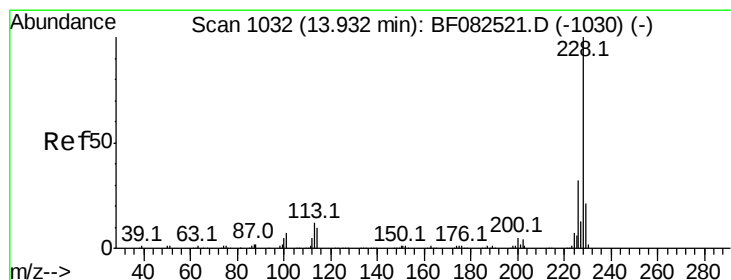
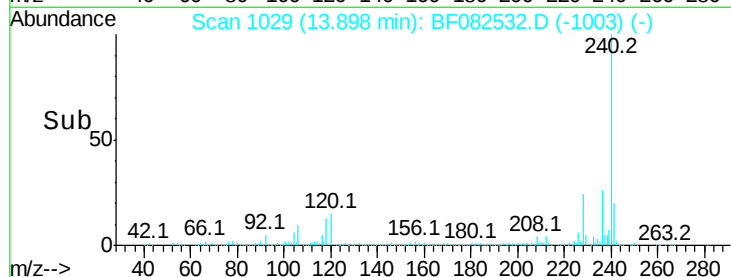
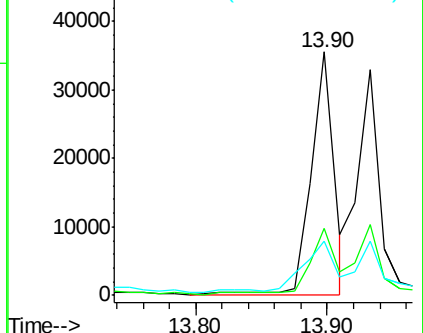
229 22.0 16.1 24.1



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: 3.37 ng m

RT: 13.93 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF082532.D

Acq: 27 Oct 2015 5:35

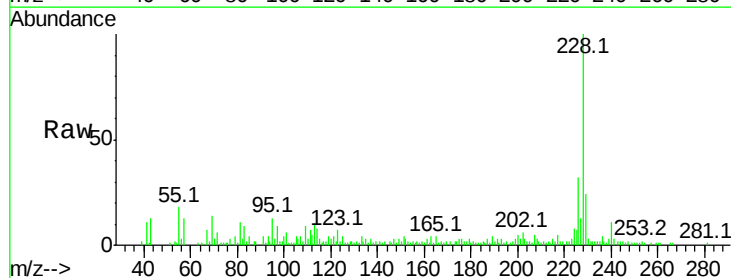
Tgt Ion:228 Resp: 39803

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

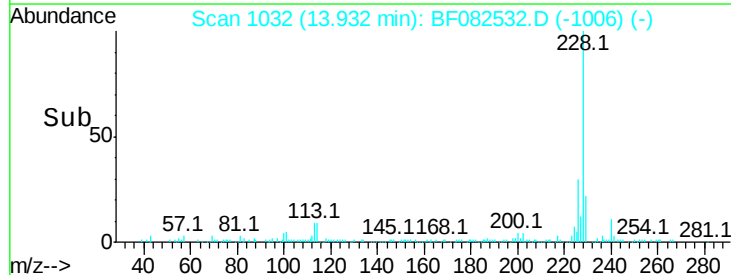
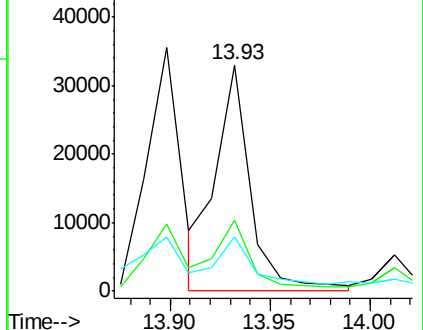
229 24.1 16.3 24.5

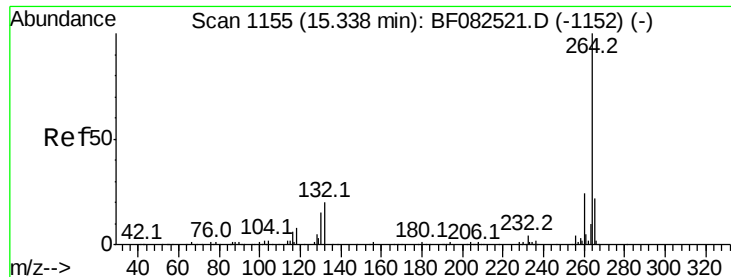


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

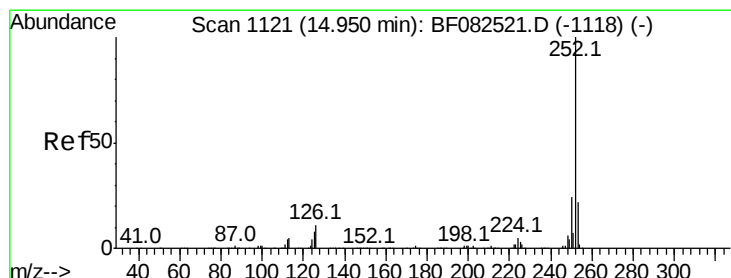
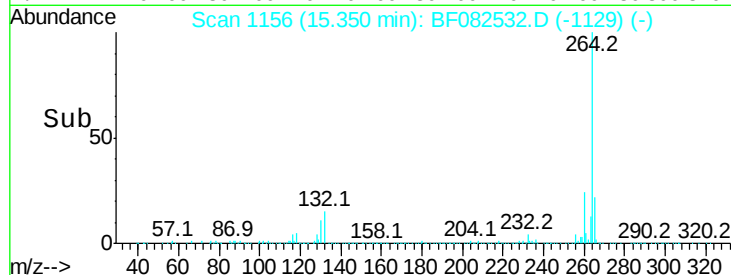
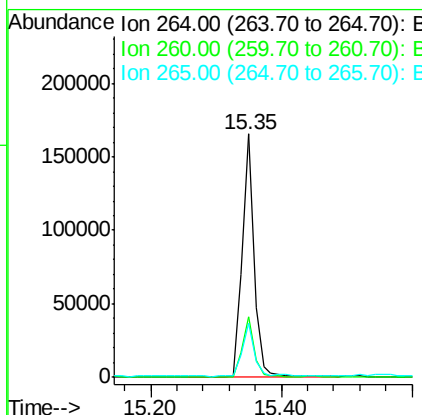
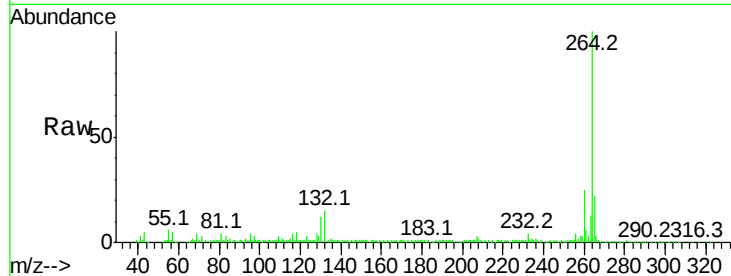




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

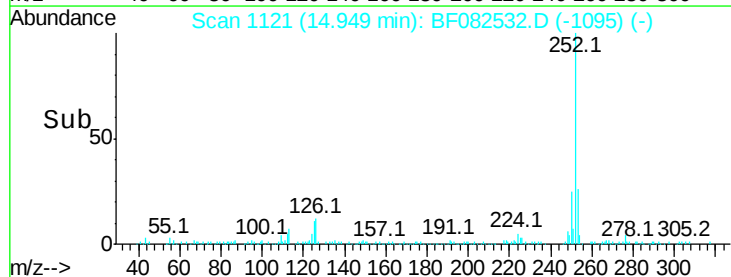
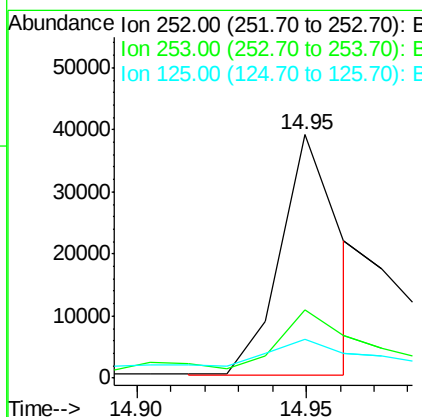
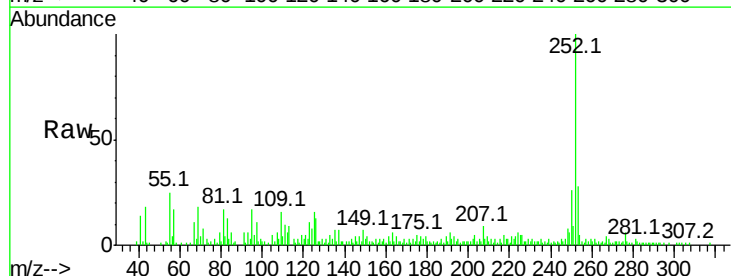
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

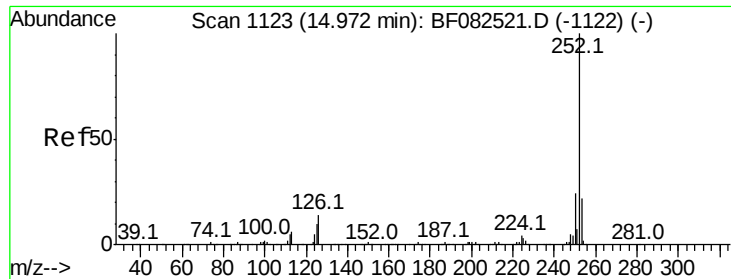
Tot Ion:264 Resp: 205309
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 22.1 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 3.92 ng m
RT: 14.95 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:252 Resp: 47771
Ion Ratio Lower Upper
252 100
253 27.9 17.8 26.8#
125 15.7 6.6 10.0#

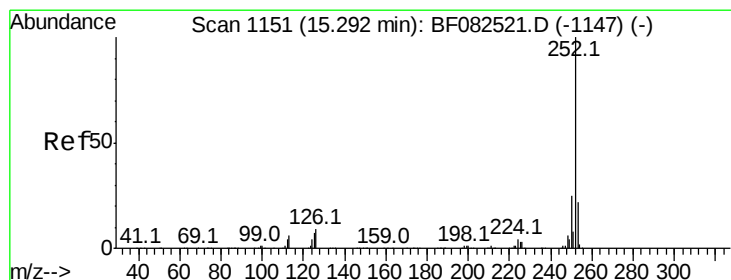
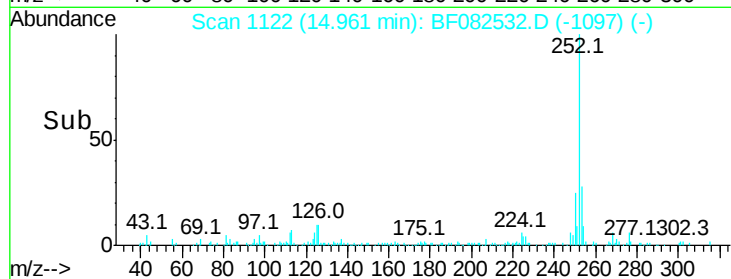
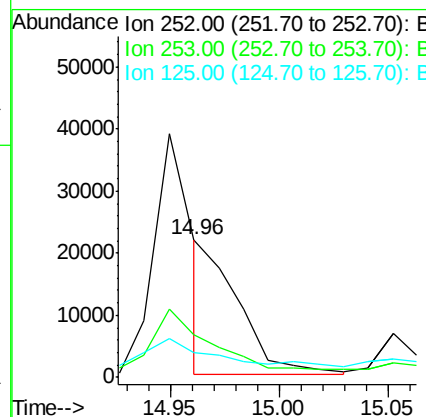
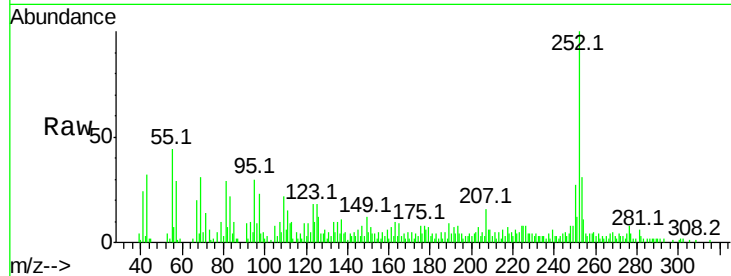




#88
Benzo(k)fluoranthene
Concen: 2.23 ng/ml
RT: 14.96 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

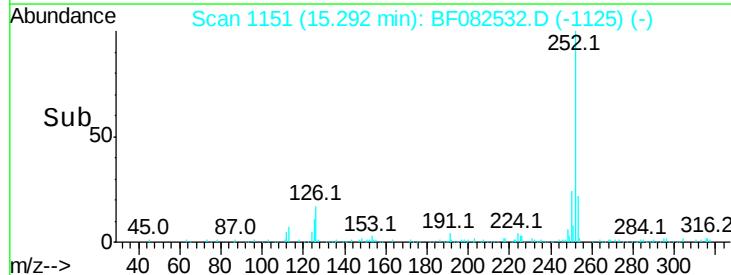
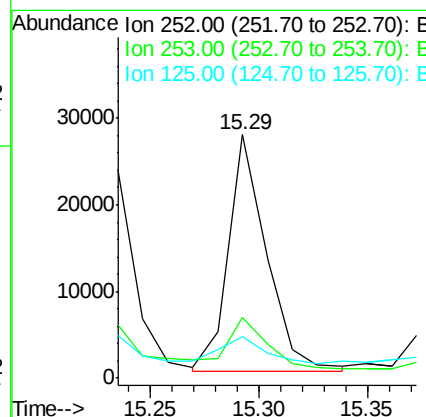
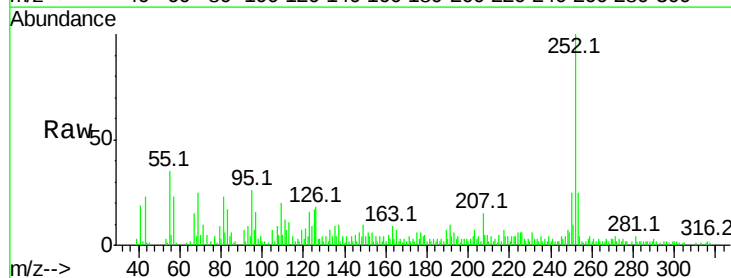
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

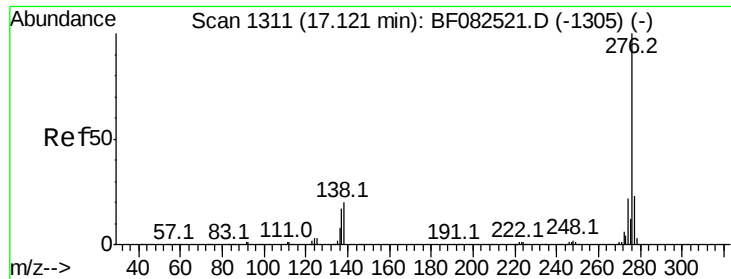
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.8	26.6
125	18.0	8.7	13.1



#89
Benzo(a)pyrene
Concen: 3.17 ng/ml
RT: 15.29 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	16.8	5.9	8.9

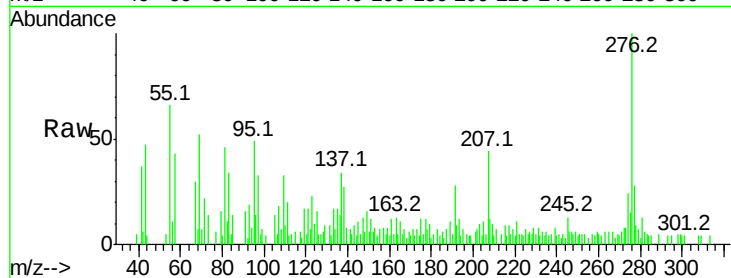




#91
 Benzo(a,h,i)perylene
 Concen: 2.15 ng
 RT: 17.14 min Scan# 1313
 Delta R.T. 0.02 min
 Lab File: BF082532.D
 Acq: 27 Oct 2015 5:35

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

Tot Ion:276 Resp: 18795
 Ion Ratio Lower Upper
 276 100
 277 27.8 18.3 27.5#
 138 27.3 16.0 24.0#



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

