

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082454.D
 Acq On : 22 Oct 2015 19:35
 Operator : UM/IZ
 Sample : G4093-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-07-10-10.5

Quant Time: Oct 23 02:26:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

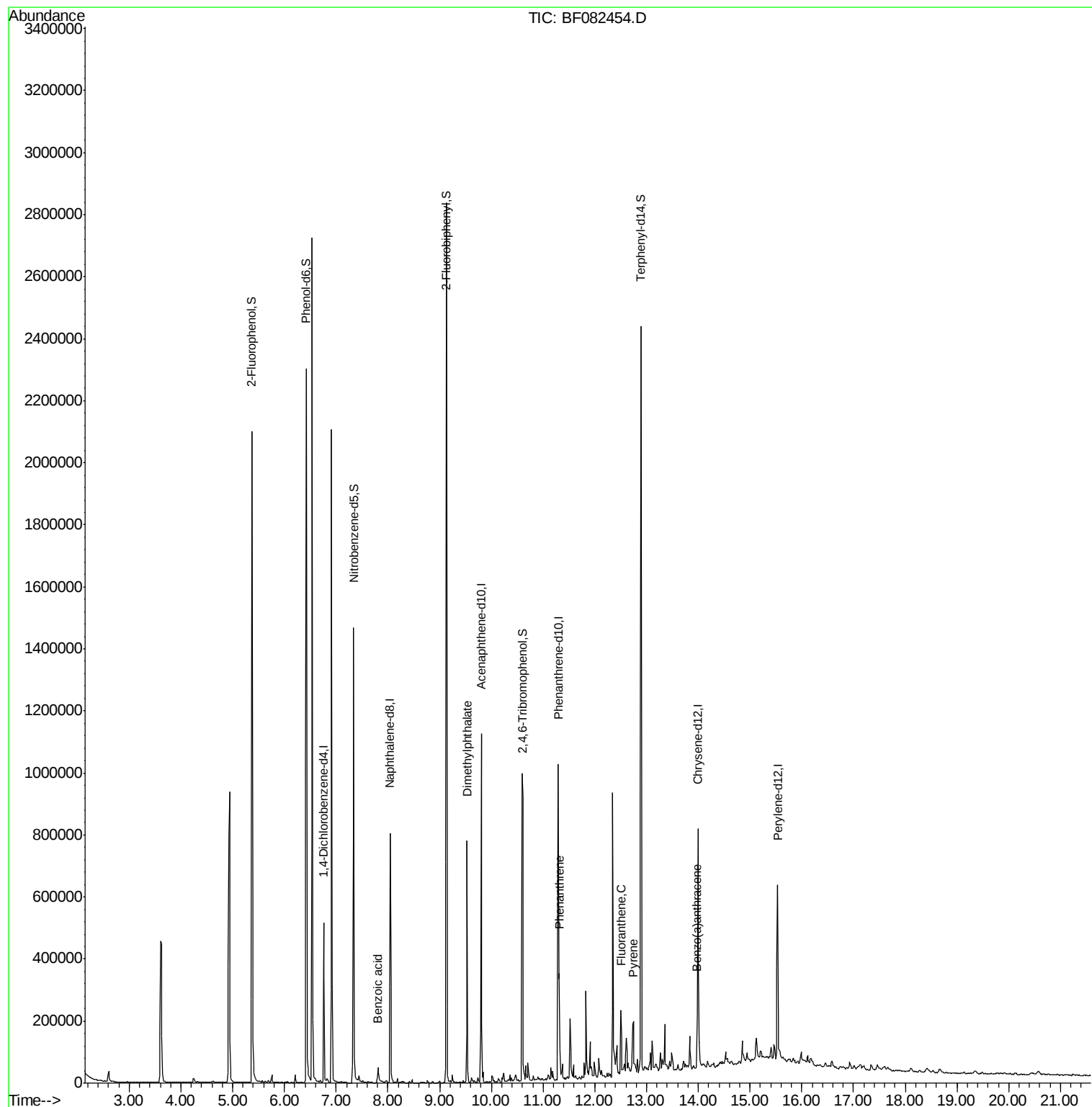
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108819	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	418021	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	224418	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	403491	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	310176	20.00	ng	-0.01
86) Perylene-d12	15.53	264	266224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	629654	116.78	ng	0.01
7) Phenol-d6	6.42	99	944396	134.60	ng	0.00
23) Nitrobenzene-d5	7.34	82	595678	95.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	174413	82.87	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	918218	67.85	ng	-0.01
78) Terphenyl-d14	12.89	244	805283	68.80	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.81	122	18864	5.19	ng	95
49) Dimethylphthalate	9.53	163	328541	20.79	ng	99
70) Phenanthrene	11.31	178	130402	6.59	ng	98
74) Fluoranthene	12.50	202	107766	5.07	ng	97
77) Pyrene	12.74	202	105137	5.71	ng	97
80) Benzo(a)anthracene	13.98	228	39059	2.42	ng	95

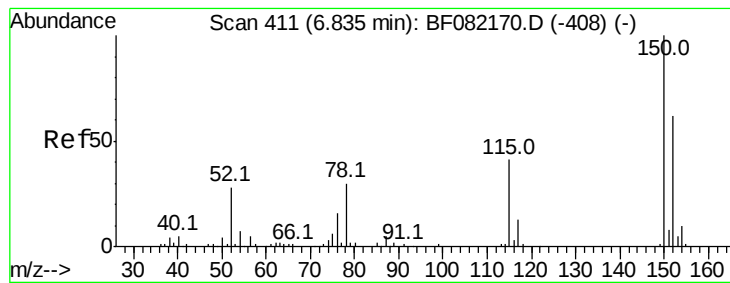
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF082454.D

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Instrument :

BNA_F

ClientSampleId :

SB15-07-10-10.5

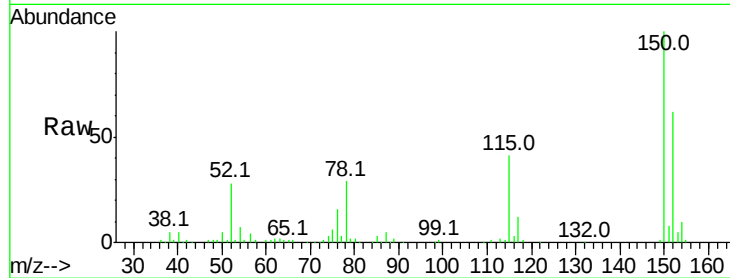
Tot Ion:152 Resp: 108819

Ion Ratio Lower Upper

152 100

150 160.2 129.0 193.4

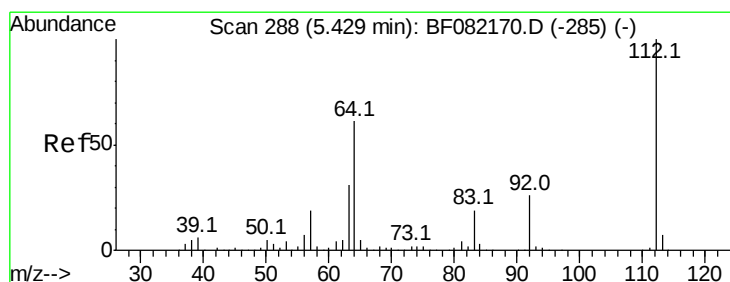
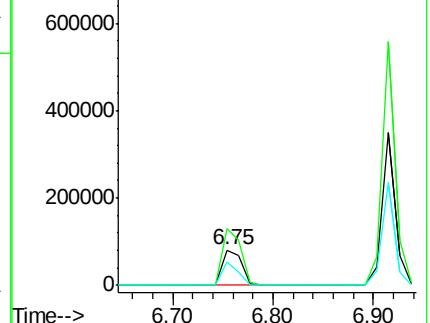
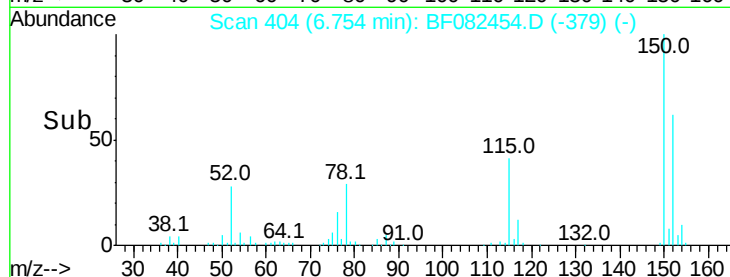
115 66.1 52.1 78.1



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: 116.78 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

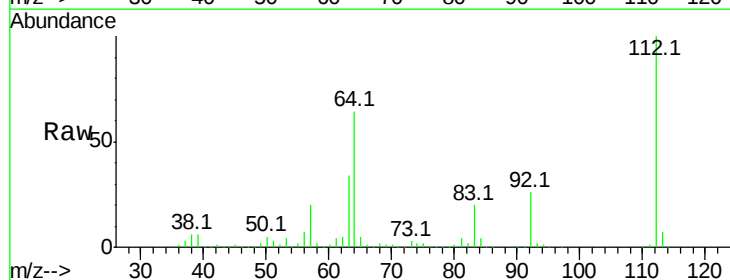
Tgt Ion:112 Resp: 629654

Ion Ratio Lower Upper

112 100

64 64.3 48.6 73.0

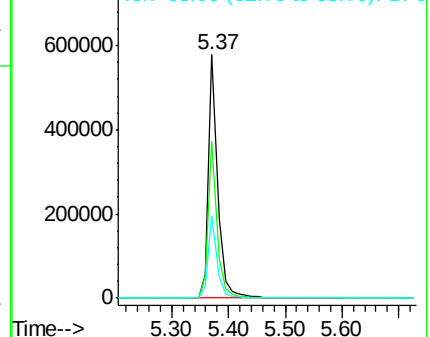
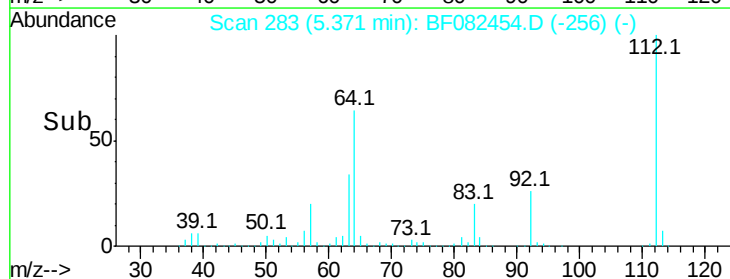
63 33.9 25.1 37.7



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: 134.60 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

Instrument :

BNA_F

ClientSampleId :

SB15-07-10-10.5

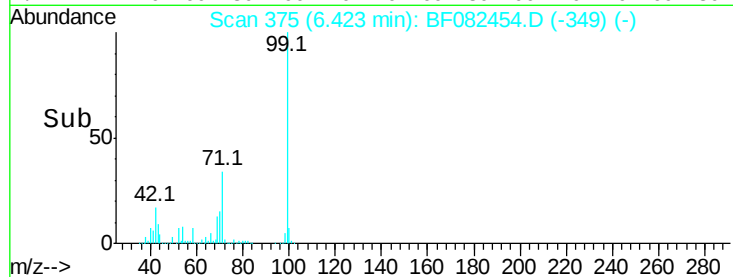
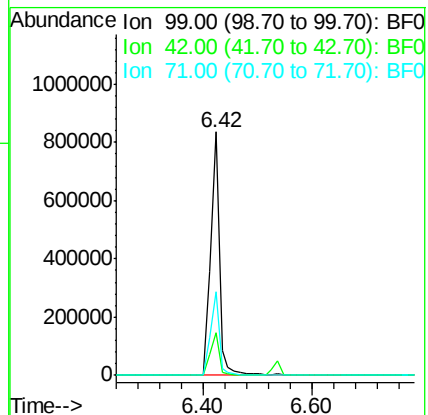
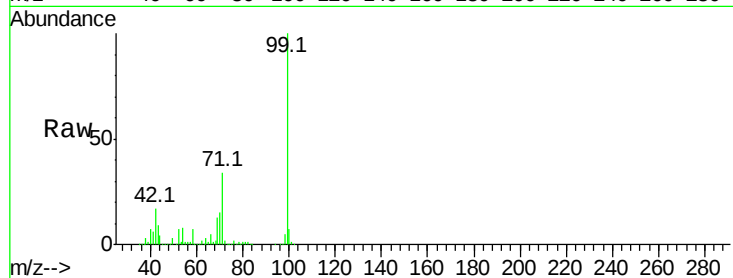
Tot Ion: 99 Resp: 944396

Ion Ratio Lower Upper

99 100

42 17.3 13.2 19.8

71 34.5 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

Tgt Ion: 136 Resp: 418021

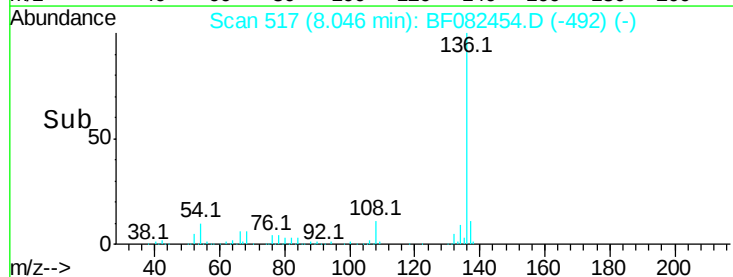
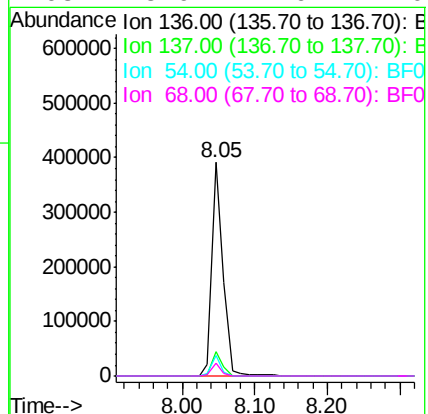
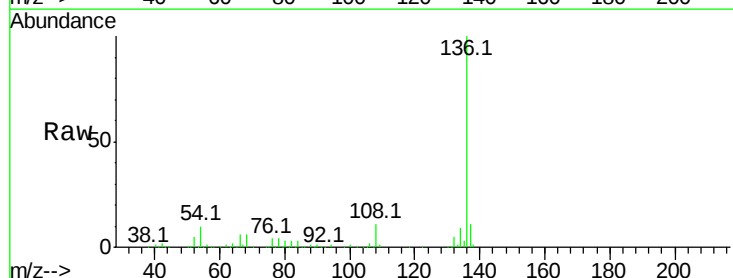
Ion Ratio Lower Upper

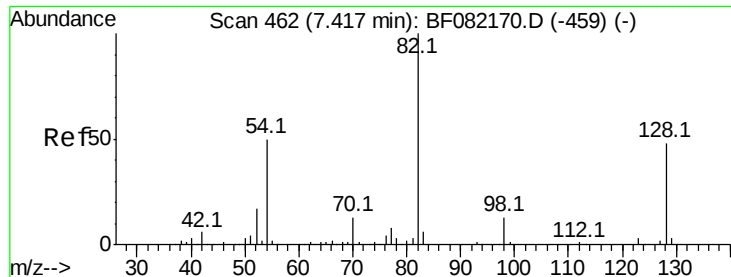
136 100

137 11.3 9.0 13.6

54 9.6 7.5 11.3

68 5.9 4.6 7.0

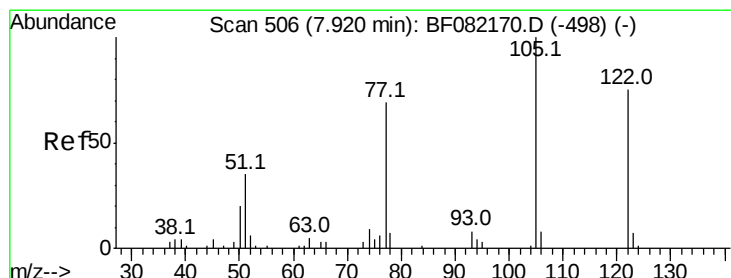
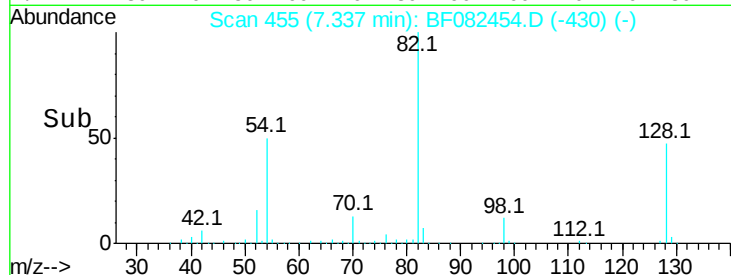
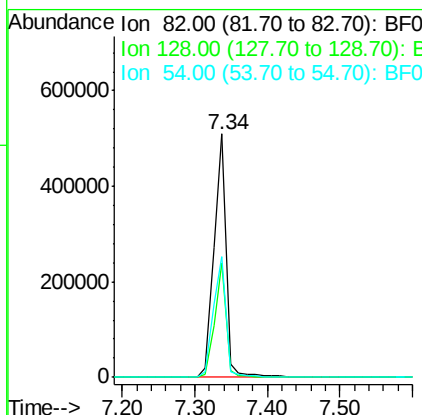
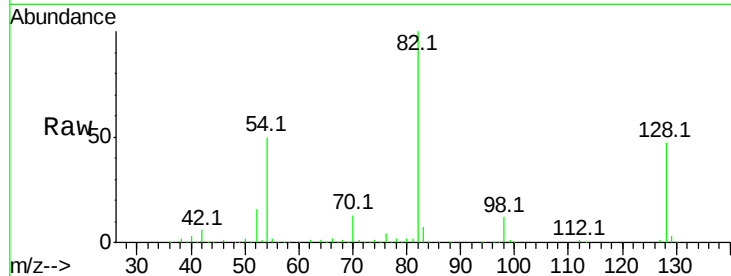




#23
Nitrobenzene-d5
Concen: 95.70 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082454.D
Acq: 22 Oct 2015 19:35

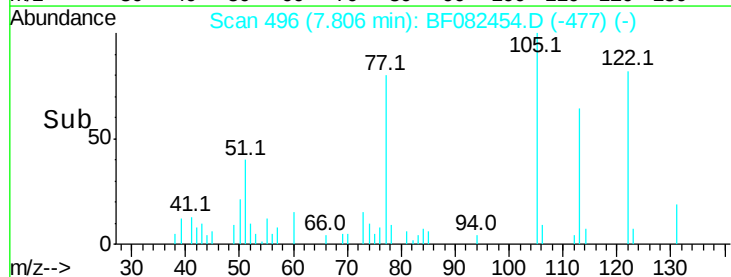
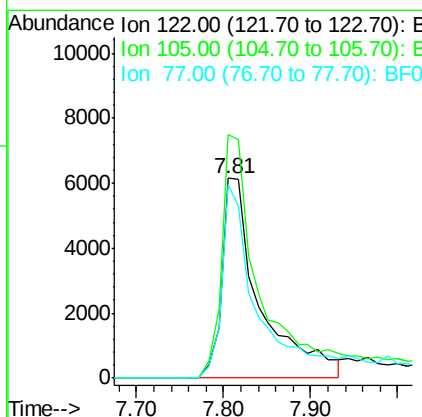
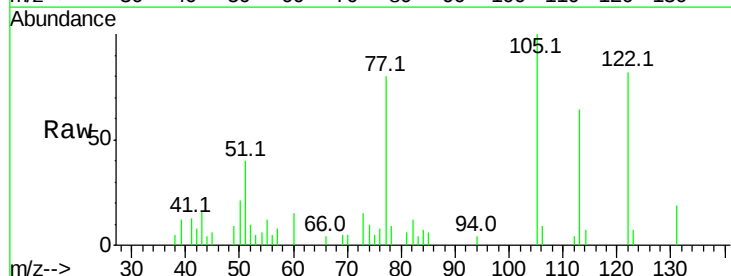
Instrument :
BNA_F
ClientSampleId :
SB15-07-10-10.5

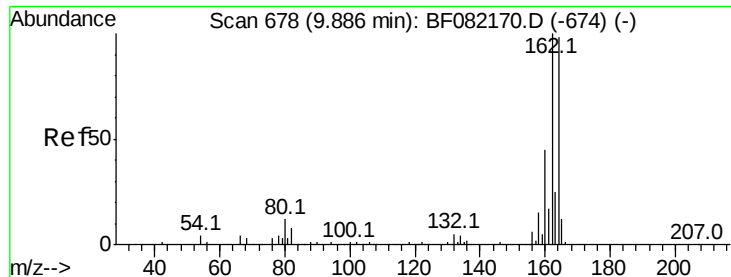
Tot Ion: 82 Resp: 595678
Ion Ratio Lower Upper
82 100
128 46.8 38.7 58.1
54 49.8 40.1 60.1



#32
Benzoic acid
Concen: 5.19 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.08 min
Lab File: BF082454.D
Acq: 22 Oct 2015 19:35

Tgt Ion: 122 Resp: 18864
Ion Ratio Lower Upper
122 100
105 122.0 104.4 144.4
77 97.2 69.0 109.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

Instrument :

BNA_F

ClientSampleId :

SB15-07-10-10.5

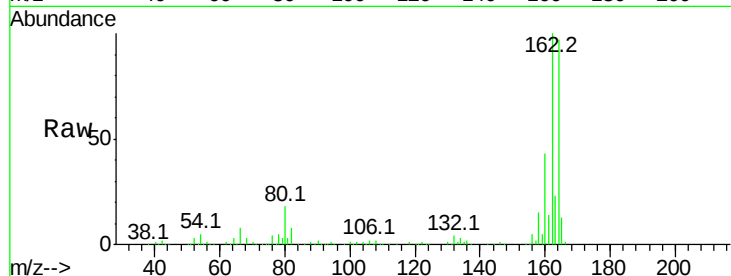
Tot Ion:164 Resp: 224418

Ion Ratio Lower Upper

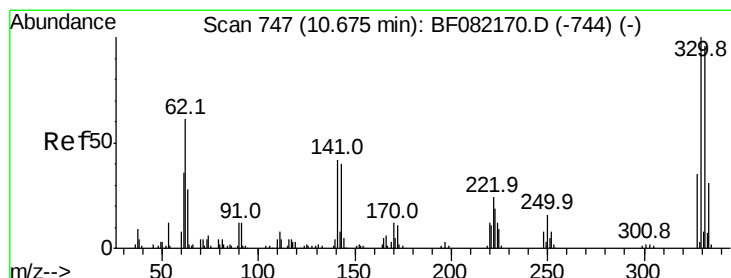
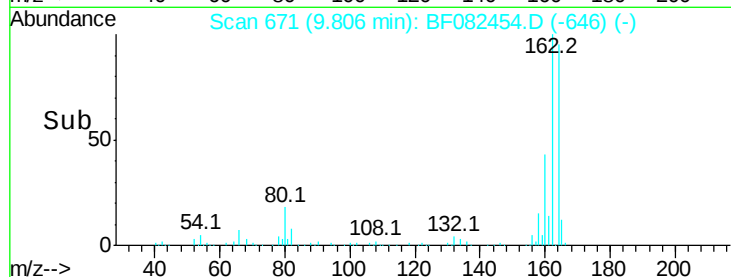
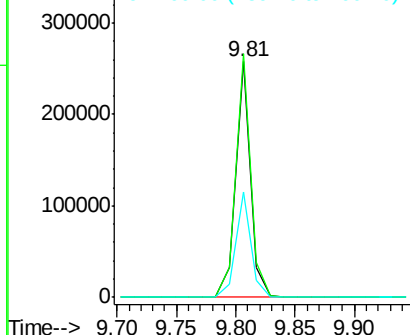
164 100

162 103.2 81.6 122.4

160 44.7 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: 82.87 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

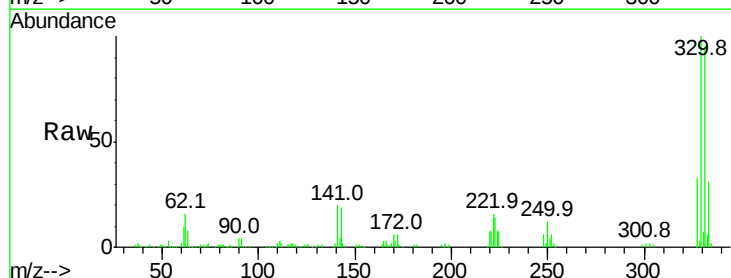
Tgt Ion:330 Resp: 174413

Ion Ratio Lower Upper

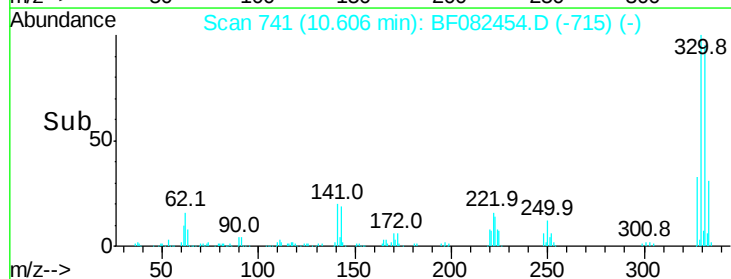
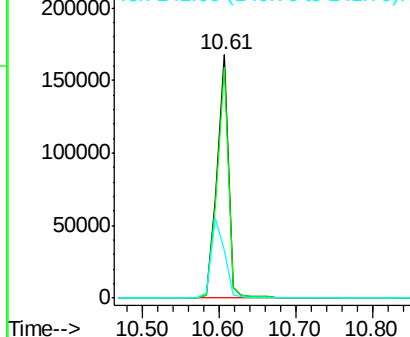
330 100

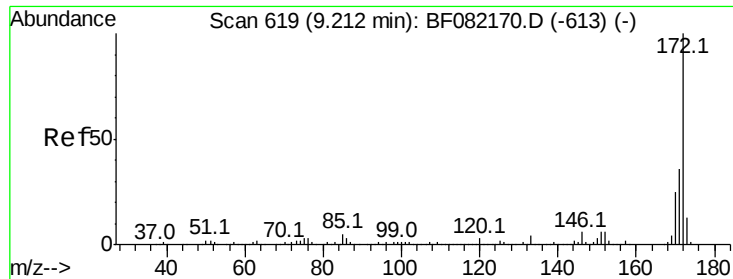
332 94.7 77.1 115.7

141 37.8 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

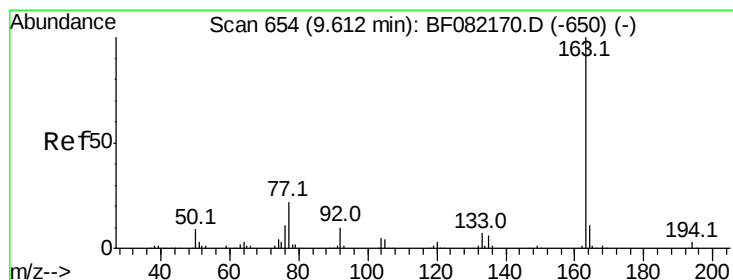
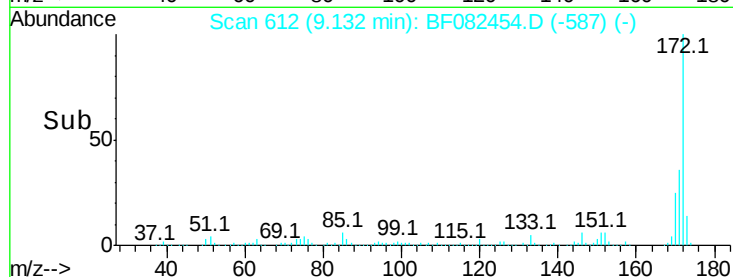
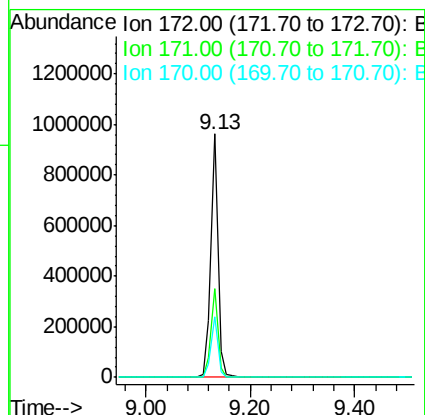
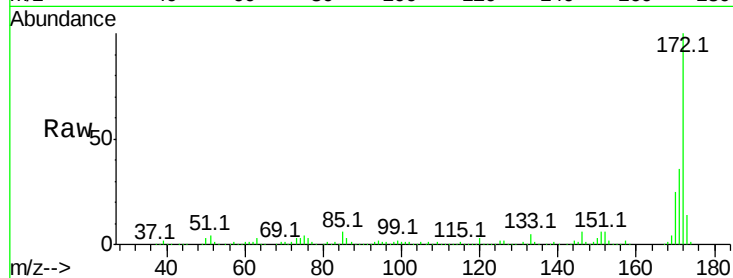




#44
2-Fluorobiphenyl
Concen: 67.85 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF082454.D
Acq: 22 Oct 2015 19:35

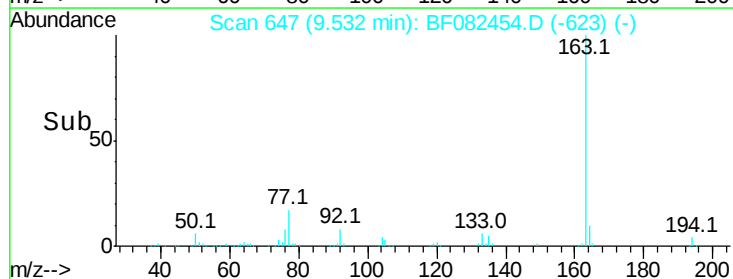
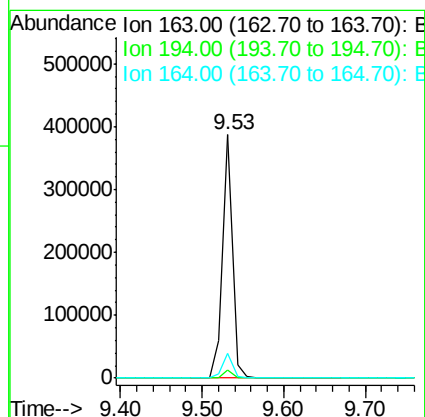
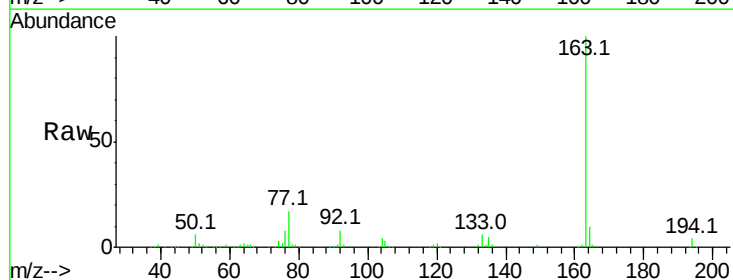
Instrument :
BNA_F
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SB15-07-10-10.5

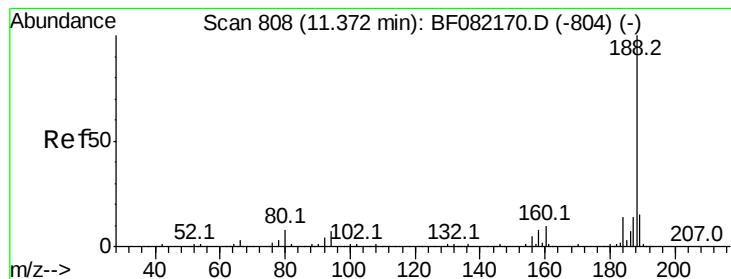
Tot Ion:172 Resp: 918218
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 24.9 19.7 29.5



#49
Dimethylphthalate
Concen: 20.79 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082454.D
Acq: 22 Oct 2015 19:35

Tgt Ion:163 Resp: 328541
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.5 12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

Instrument :

BNA_F

ClientSampleId :

SB15-07-10-10.5

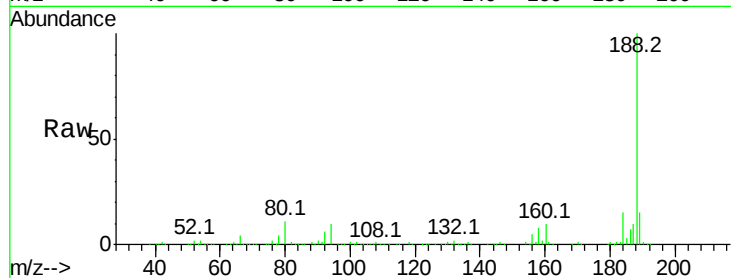
Tot Ion:188 Resp: 403491

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.6#

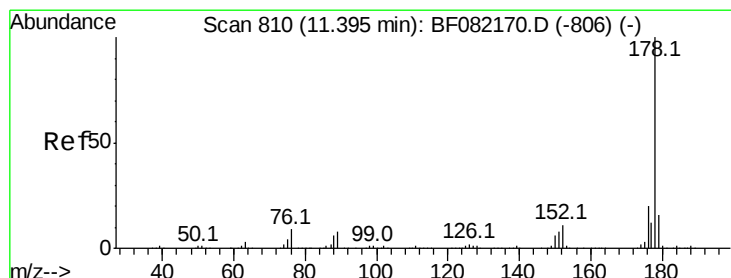
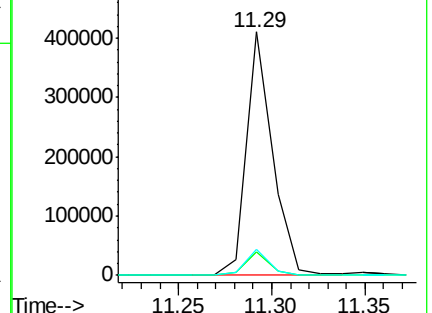
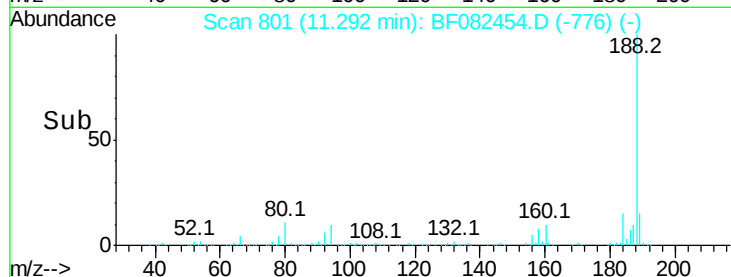
80 10.8 6.4 9.6#



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: 6.59 ng

RT: 11.31 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

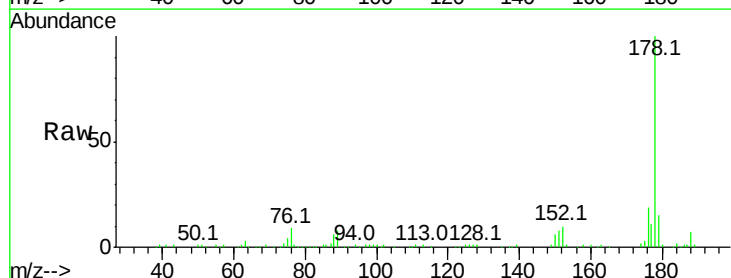
Tgt Ion:178 Resp: 130402

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

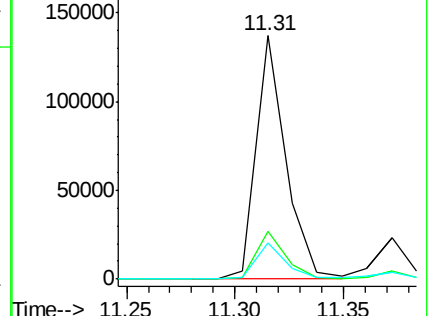
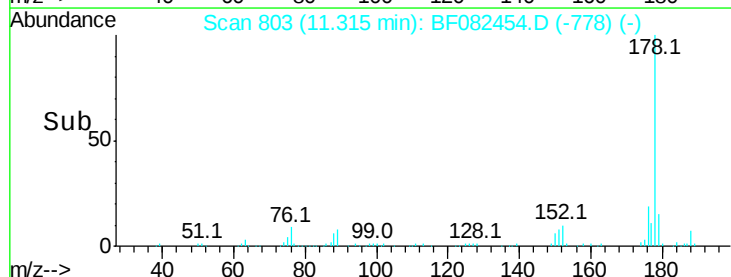
179 15.0 12.6 19.0

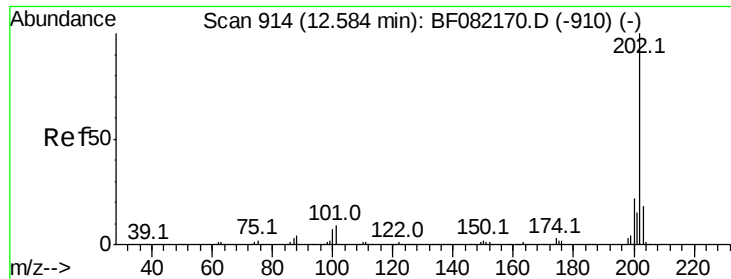


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 5.07 ng

RT: 12.50 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF082454.D

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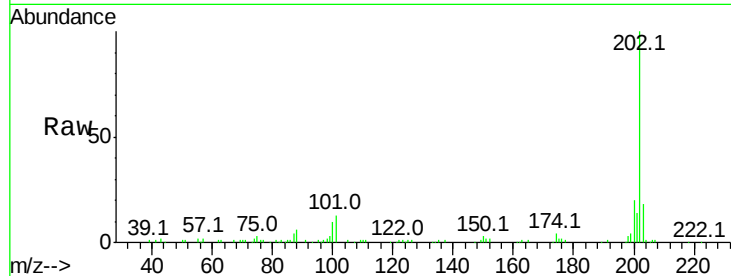
Tot Ion:202 Resp: 107766

Ion Ratio Lower Upper

202 100

101 12.8 0.0 29.3

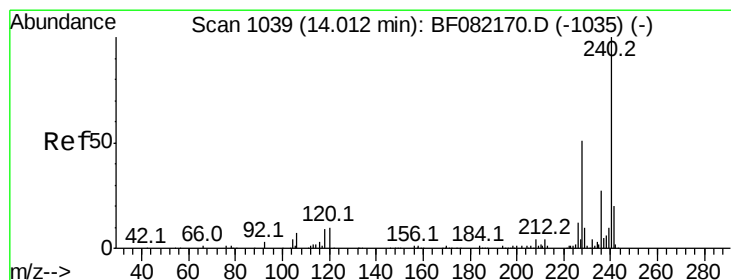
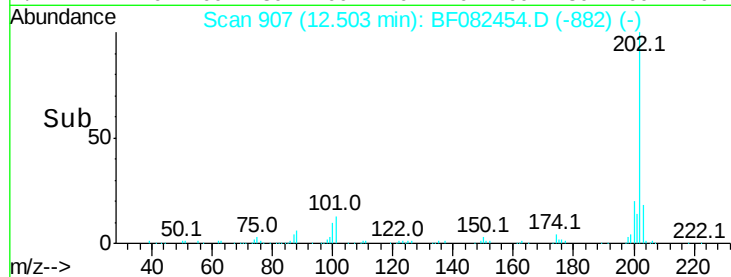
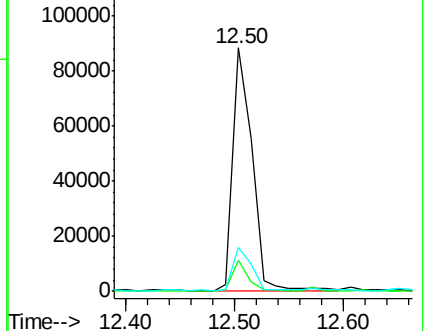
203 17.8 0.0 37.8



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: 13.99 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

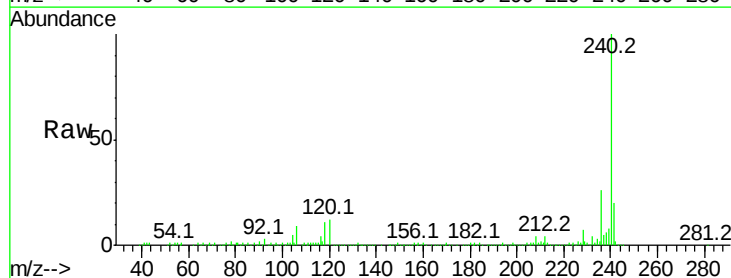
Tgt Ion:240 Resp: 310176

Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

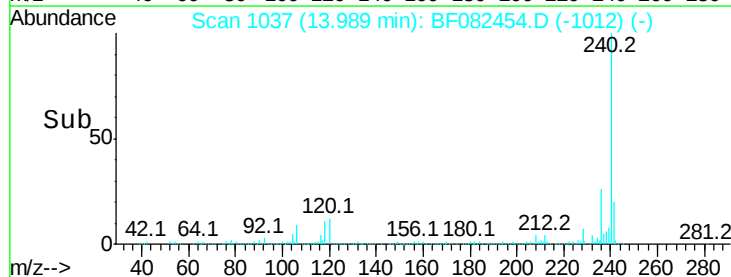
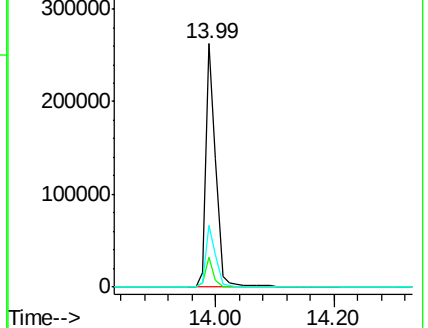
236 25.6 21.3 31.9

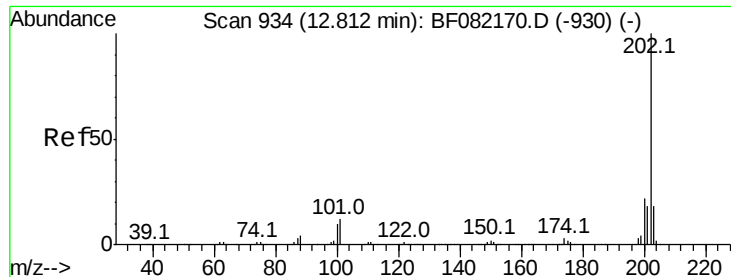


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.71 ng

RT: 12.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF082454.D

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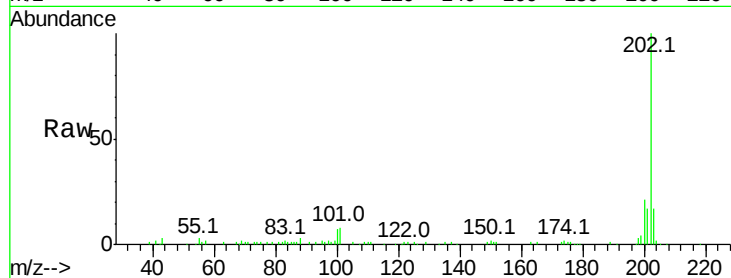
Tot Ion:202 Resp: 105137

Ion Ratio Lower Upper

202 100

200 20.5 17.9 26.9

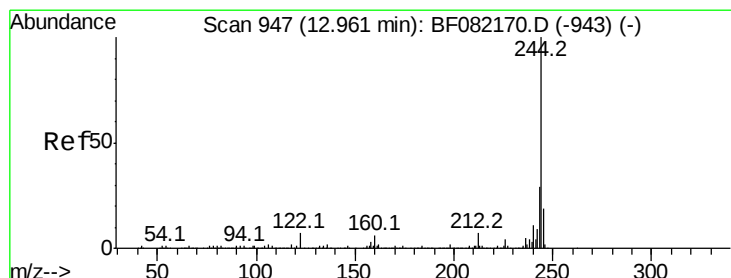
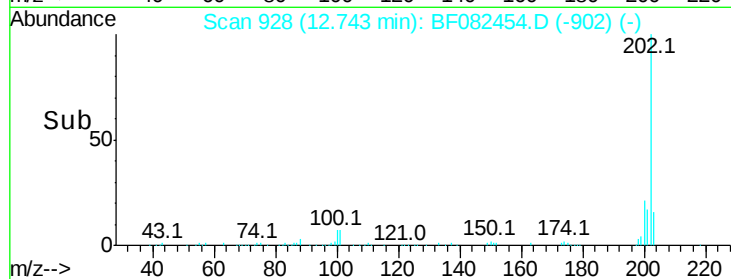
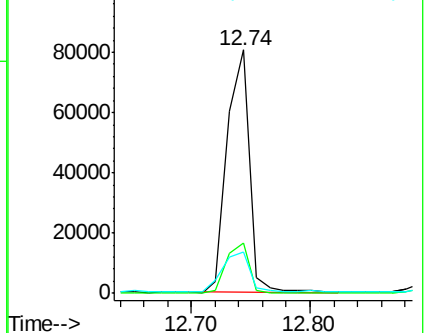
203 16.9 14.5 21.7



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: 68.80 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF082454.D

Acq: 22 Oct 2015 19:35

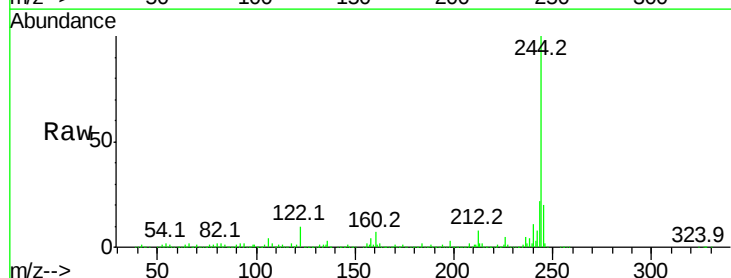
Tgt Ion:244 Resp: 805283

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

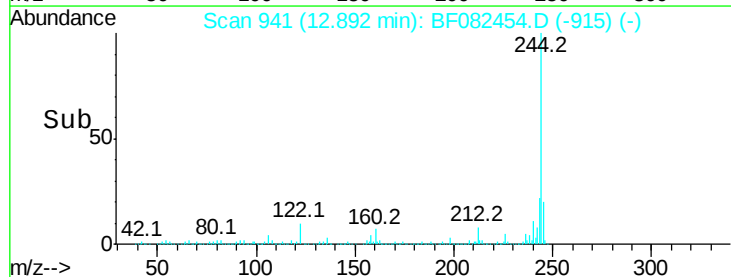
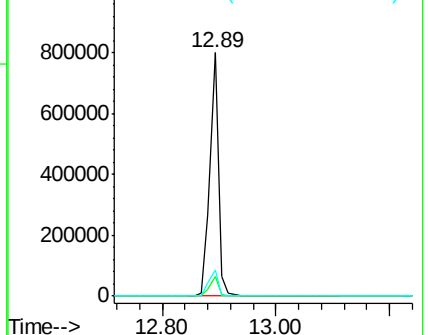
122 10.5 5.9 8.9#

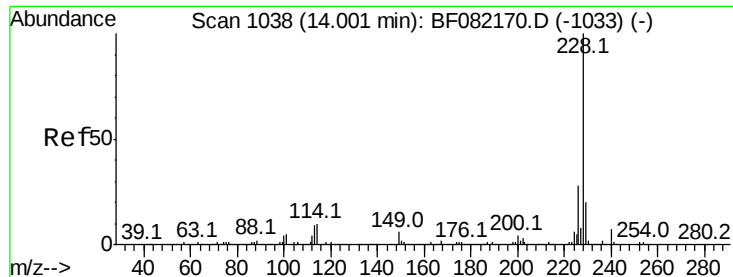


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

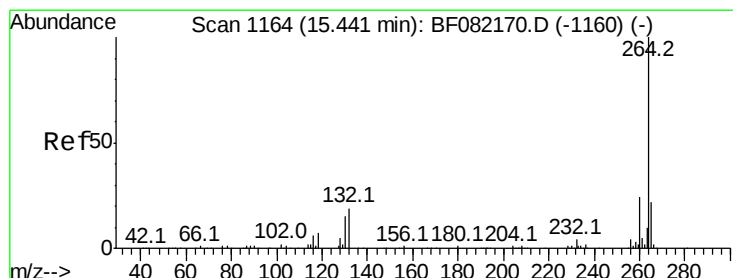
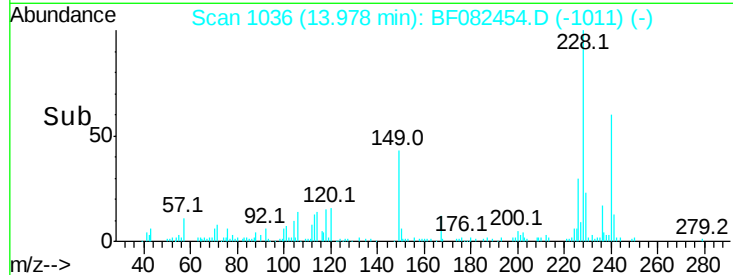
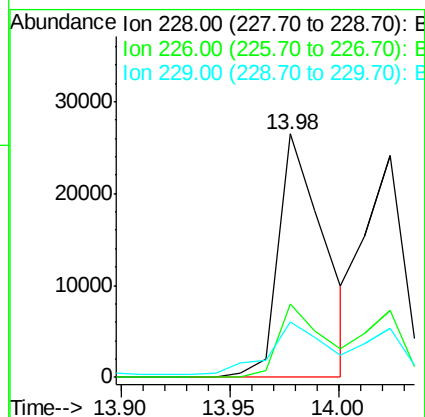
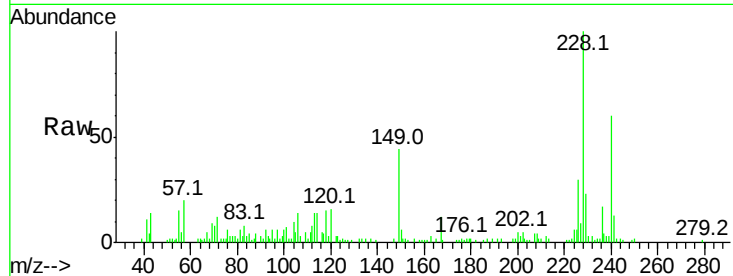




#80
Benzo(a)anthracene
Concen: 2.42 ng
RT: 13.98 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF082454.D
Acq: 22 Oct 2015 19:35

Instrument :
BNA_F
ClientSampleId :
SB15-07-10-10.5

Tot Ion:228 Resp: 39059
Ion Ratio Lower Upper
228 100
226 30.0 22.3 33.5
229 22.6 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF082454.D
Acq: 22 Oct 2015 19:35

Tgt Ion:264 Resp: 266224
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.7 17.3 25.9

