

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022880.D
 Acq On : 6 Jul 2016 17:25
 Operator : UM/SJ
 Sample : H3761-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-5F-9-11RE

Quant Time: Jul 06 18:10:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

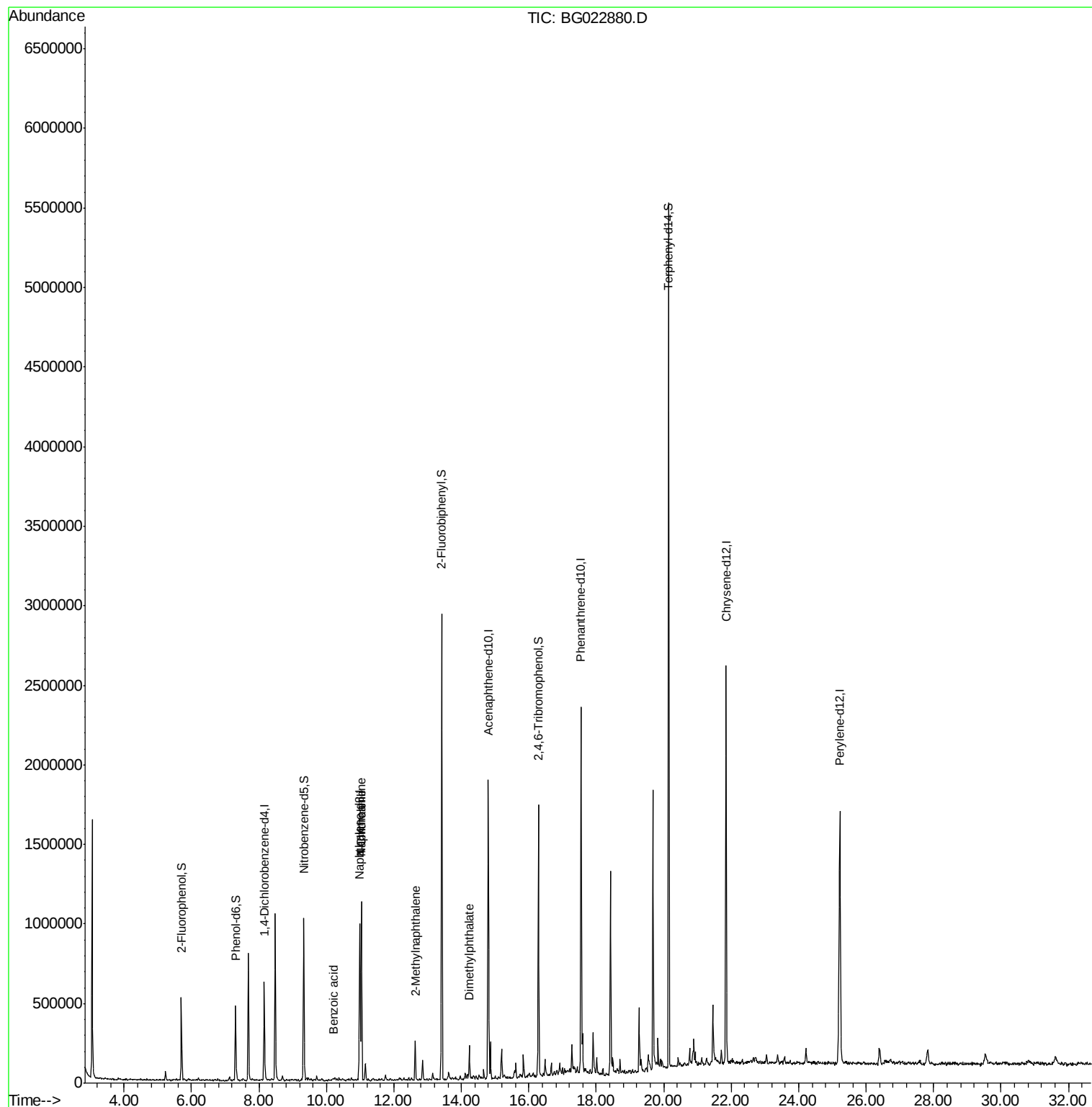
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	166621	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	802171	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	661655	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1444710	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1627416	20.00	ng	0.00
86) Perylene-d12	25.22	264	1738052	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	208576	20.08	ng	0.00
7) Phenol-d6	7.30	99	272286	18.60	ng	0.00
23) Nitrobenzene-d5	9.32	82	667282	35.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	336913	32.37	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1516095	36.34	ng	0.00
78) Terphenyl-d14	20.15	244	2237768	36.43	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.03	128	848991	21.06	ng	97
32) Benzoic acid	10.21	122	4241	5.52	ng	# 43
33) 4-Chloroaniline	11.03	127	117541	6.77	ng	# 26
37) 2-Methylnaphthalene	12.63	142	115417	3.69	ng	94
49) Dimethylphthalate	14.24	163	128653	2.34	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

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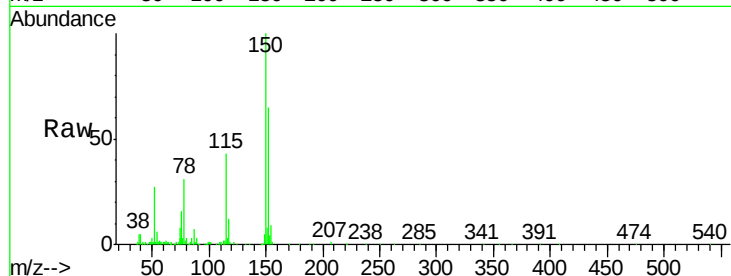
Tgt Ion:152 Resp: 166621

Ion Ratio Lower Upper

152 100

150 154.5 144.7 217.1

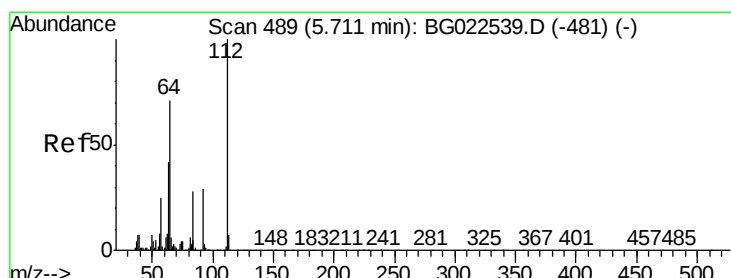
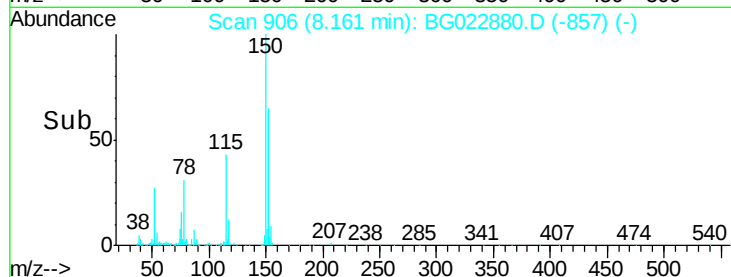
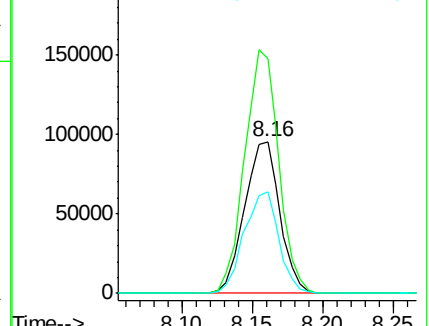
115 66.7 64.0 96.0



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: 20.08 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

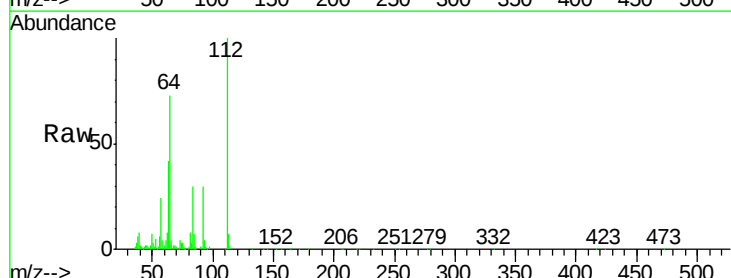
Tgt Ion:112 Resp: 208576

Ion Ratio Lower Upper

112 100

64 72.6 59.0 88.4

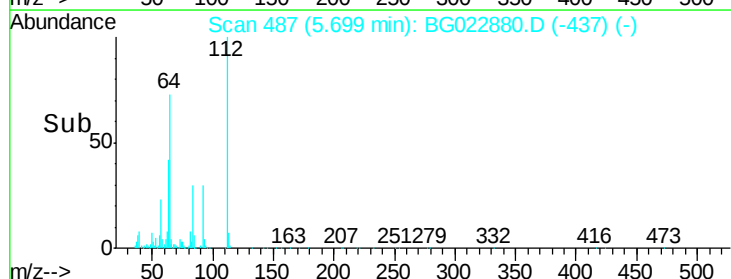
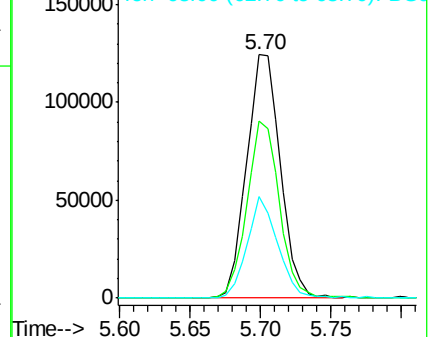
63 42.0 37.8 56.8

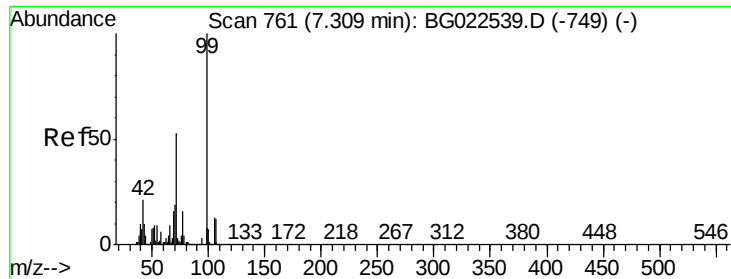


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 18.60 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-5F-9-11RE

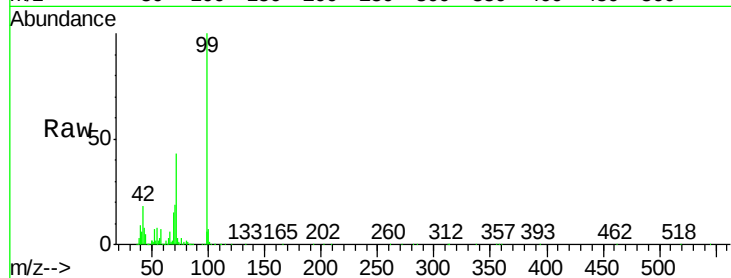
Tgt Ion: 99 Resp: 272286

Ion Ratio Lower Upper

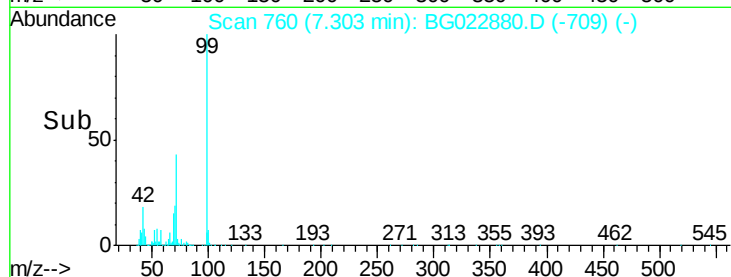
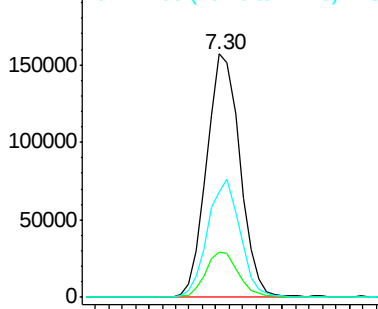
99 100

42 18.4 17.8 26.6

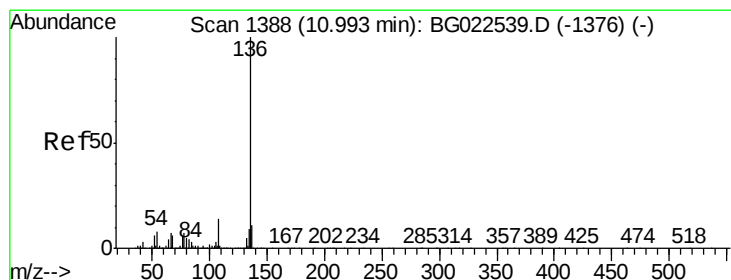
71 43.1 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

Tgt Ion: 136 Resp: 802171

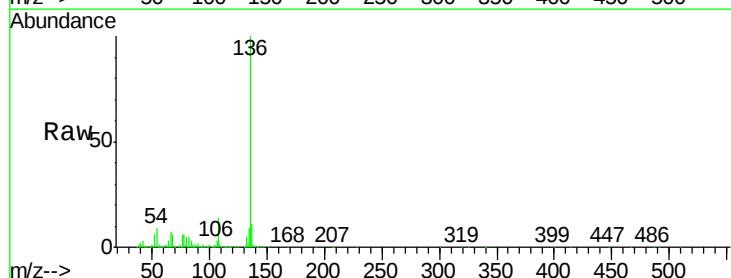
Ion Ratio Lower Upper

136 100

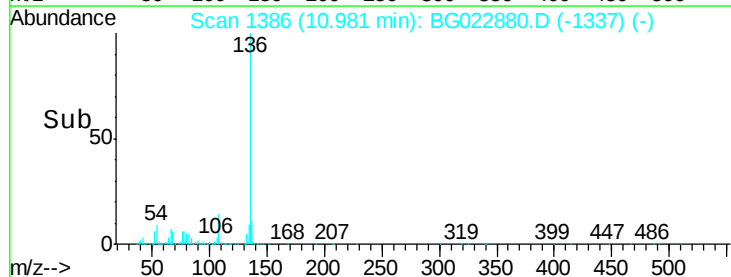
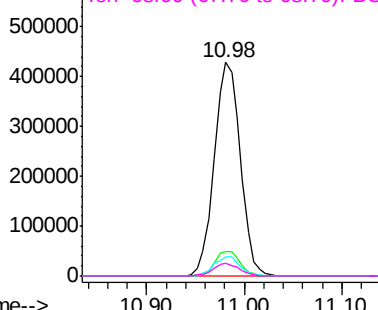
137 11.4 9.6 14.4

54 9.0 7.3 10.9

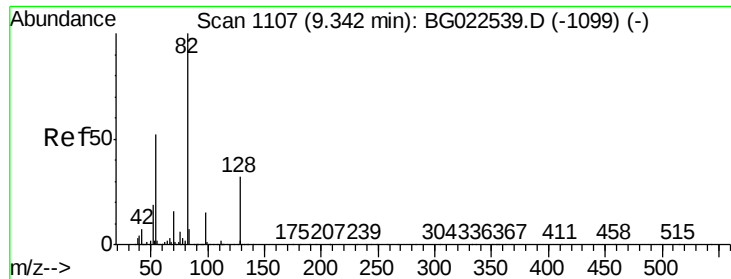
68 6.0 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



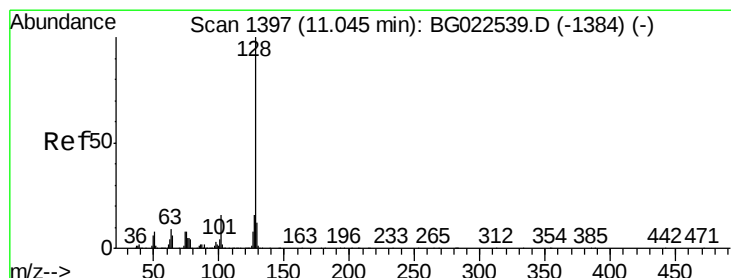
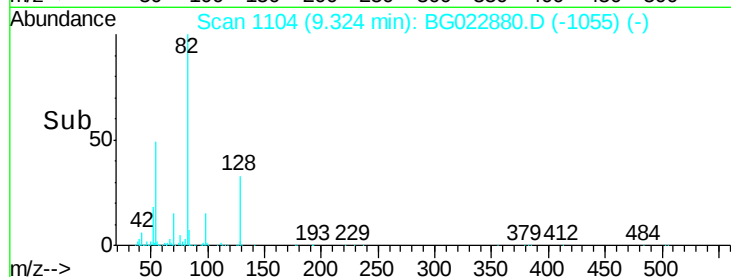
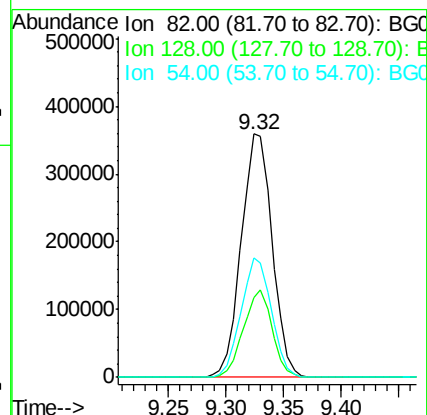
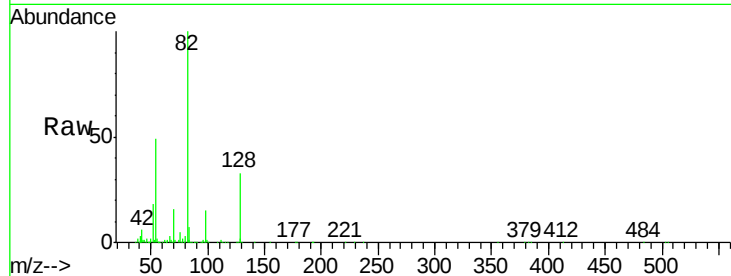
Time-->



#23
Nitrobenzene-d5
Concen: 35.21 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022880.D
Acq: 6 Jul 2016 17:25

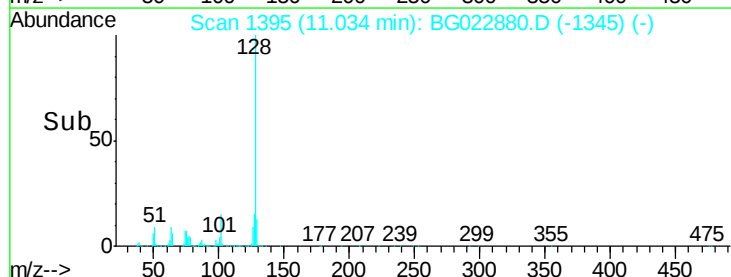
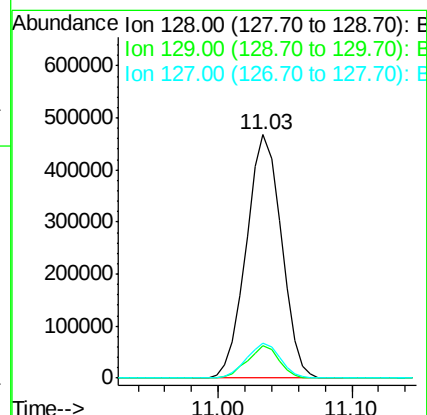
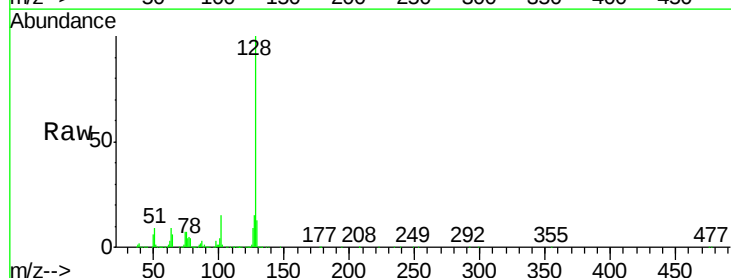
Instrument :
BNA_G
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LOCATION-5F-9-11RE

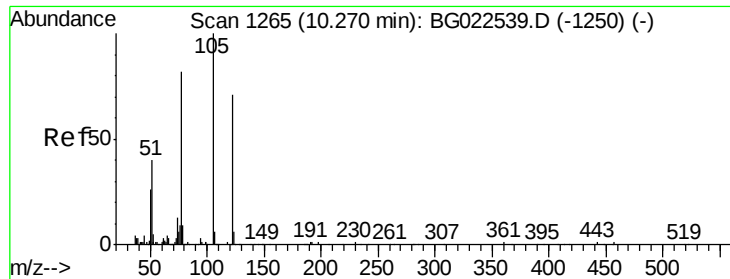
Tgt Ion: 82 Resp: 667282
Ion Ratio Lower Upper
82 100
128 32.7 24.4 36.6
54 49.2 41.4 62.0



#31
Naphthalene
Concen: 21.06 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022880.D
Acq: 6 Jul 2016 17:25

Tgt Ion: 128 Resp: 848991
Ion Ratio Lower Upper
128 100
129 13.5 9.4 14.0
127 14.6 11.3 16.9

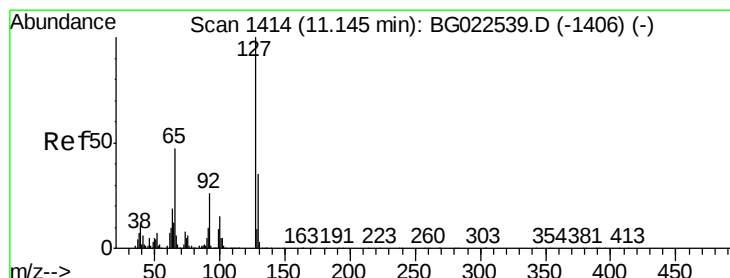
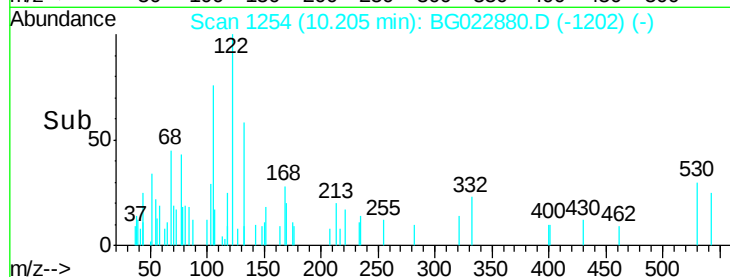
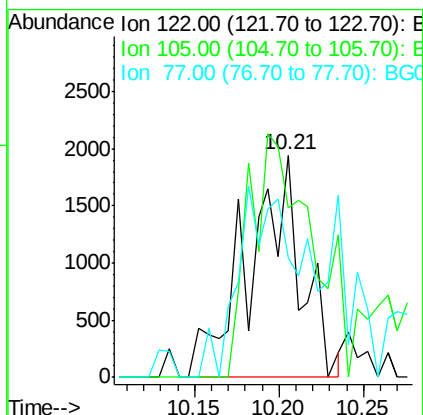
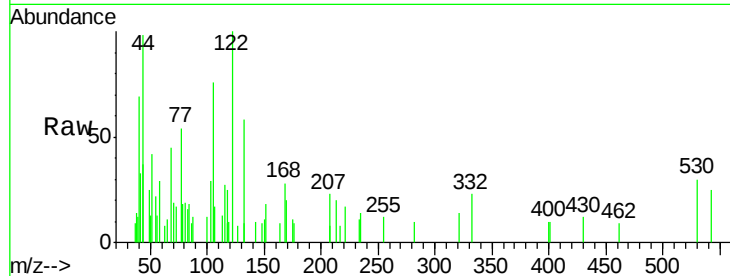




#32
Benzoic acid
Concen: 5.52 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG022880.D
Acq: 6 Jul 2016 17:25

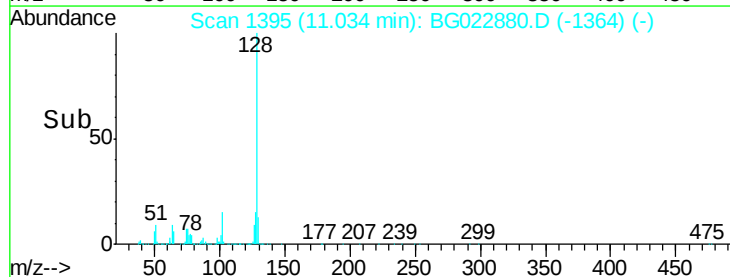
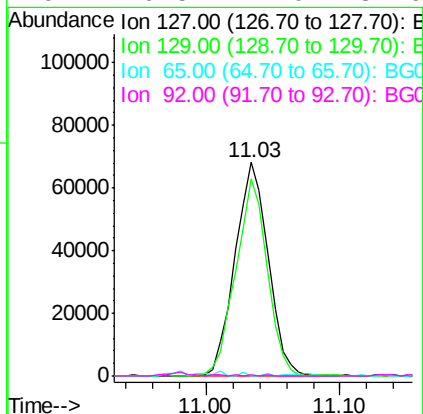
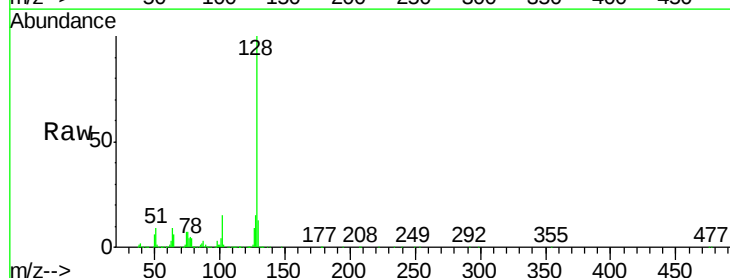
Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11RE

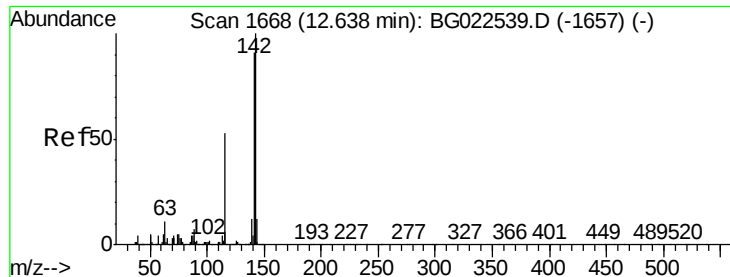
Tgt Ion:122 Resp: 4241
Ion Ratio Lower Upper
122 100
105 76.3 117.2 157.2#
77 54.0 109.2 149.2#



#33
4-Chloroaniline
Concen: 6.77 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.12 min
Lab File: BG022880.D
Acq: 6 Jul 2016 17:25

Tgt Ion:127 Resp: 117541
Ion Ratio Lower Upper
127 100
129 92.4 27.9 41.9#
65 0.0 36.8 55.2#
92 0.5 21.0 31.6#

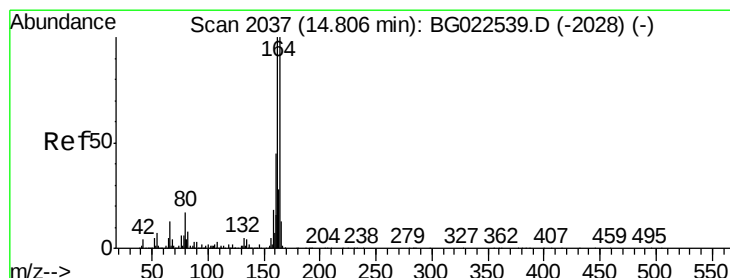
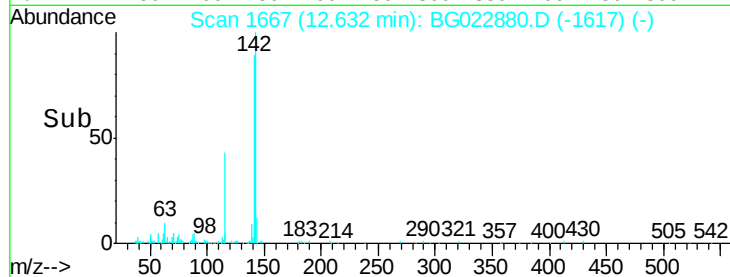
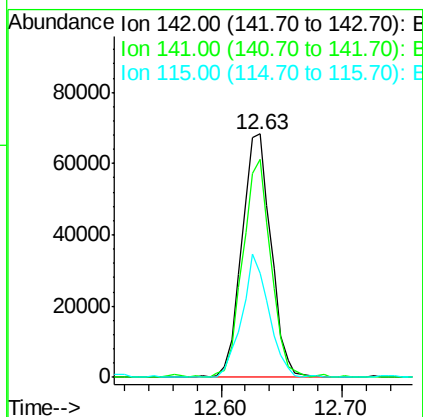
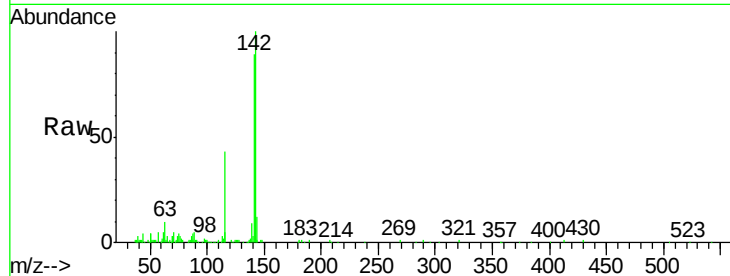




#37
 2-Methylnaphthalene
 Concen: 3.69 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG022880.D
 Acq: 6 Jul 2016 17:25

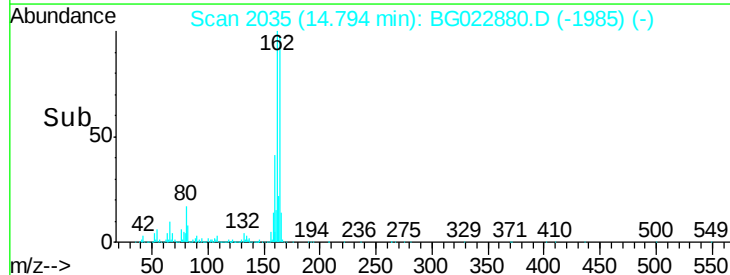
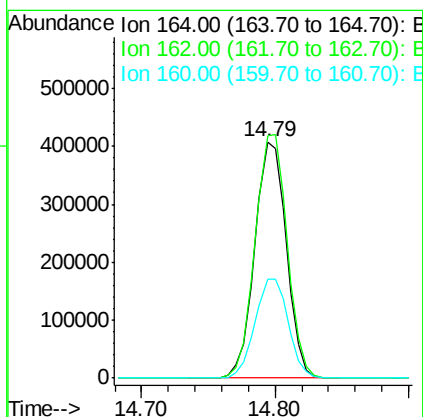
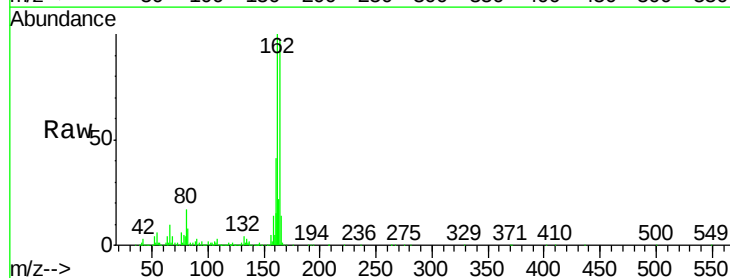
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 LOCATION-5F-9-11RE

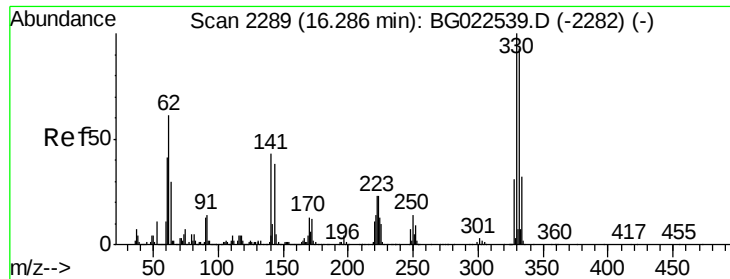
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.2
115	42.7	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG022880.D
 Acq: 6 Jul 2016 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	87.7	131.5
160	41.8	37.2	55.8

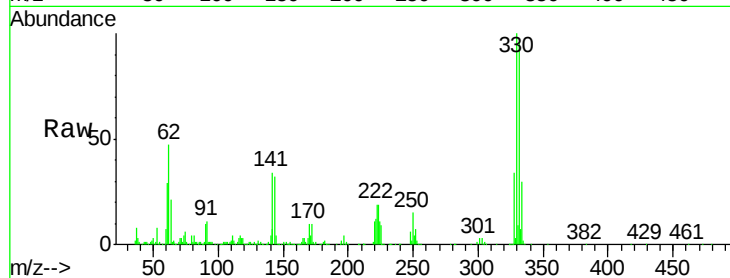




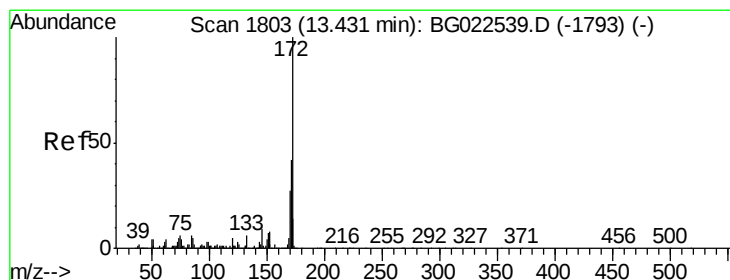
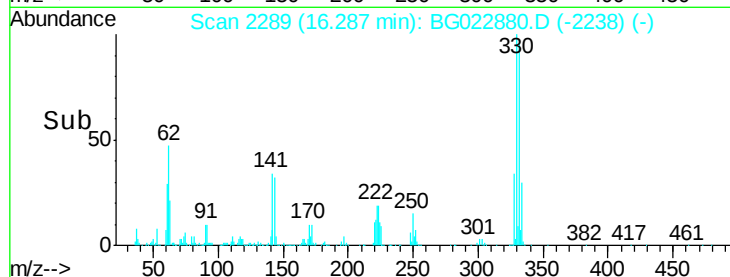
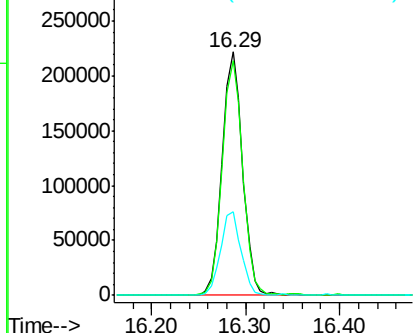
#41
 2,4,6-Tribromophenol
 Concen: 32.37 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022880.D
 Acq: 6 Jul 2016 17:25

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-5F-9-11RE

Tgt Ion:330 Resp: 336913
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 34.3 31.7 47.5

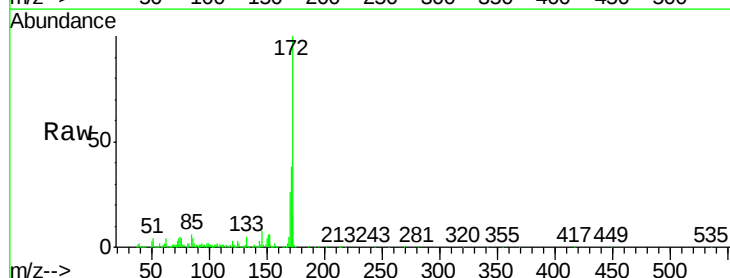


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

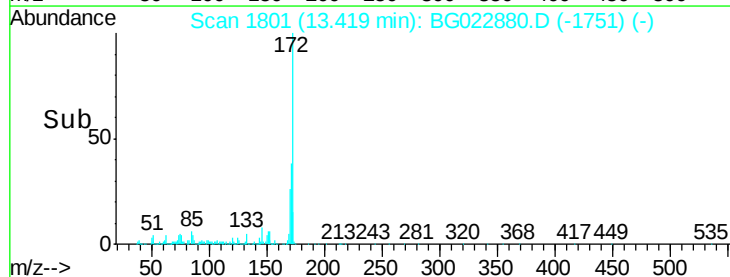
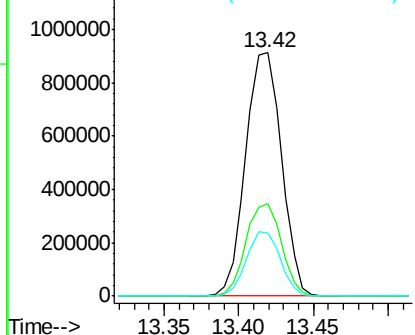


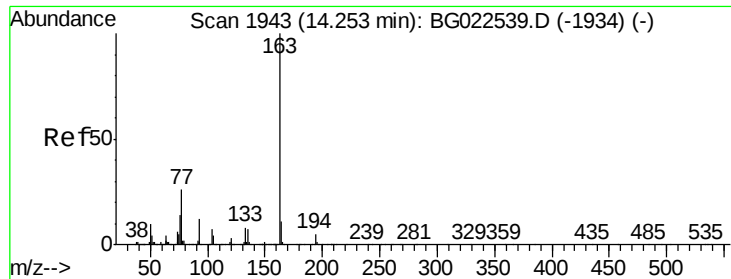
#44
 2-Fluorobiphenyl
 Concen: 36.34 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022880.D
 Acq: 6 Jul 2016 17:25

Tgt Ion:172 Resp: 1516095
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.6 47.4
 170 26.1 21.3 31.9



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: 2.34 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-5F-9-11RE

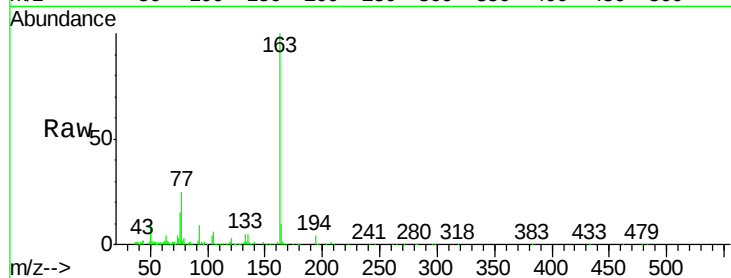
Tgt Ion:163 Resp: 128653

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

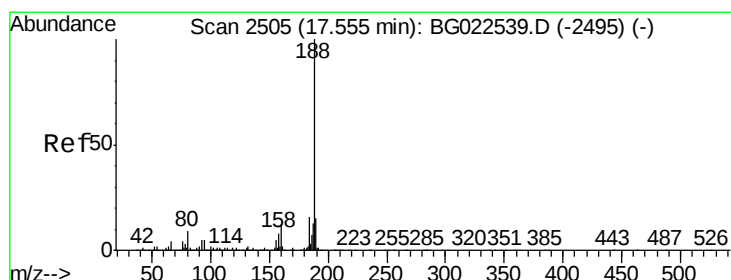
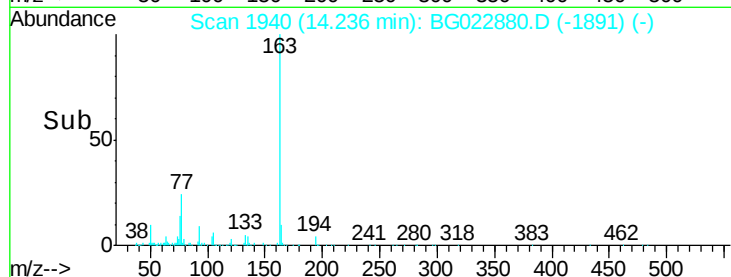
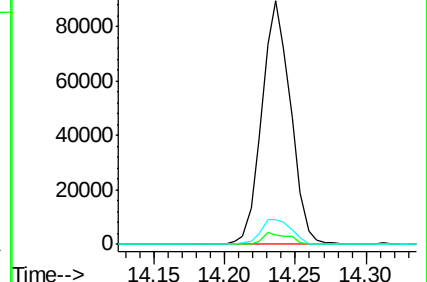
164 10.1 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

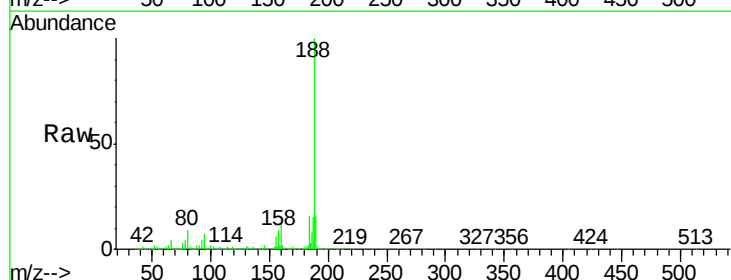
Tgt Ion:188 Resp: 1444710

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

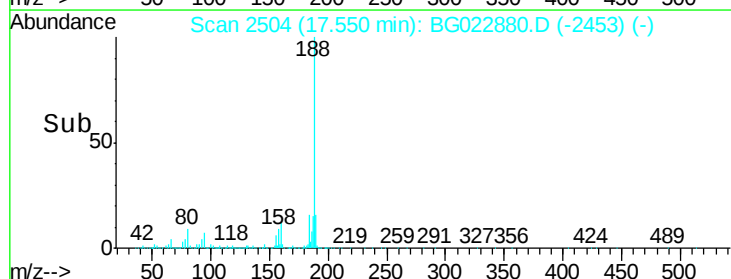
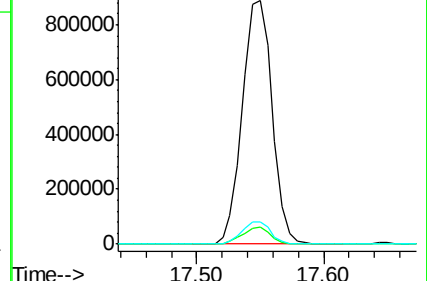
80 9.1 7.2 10.8

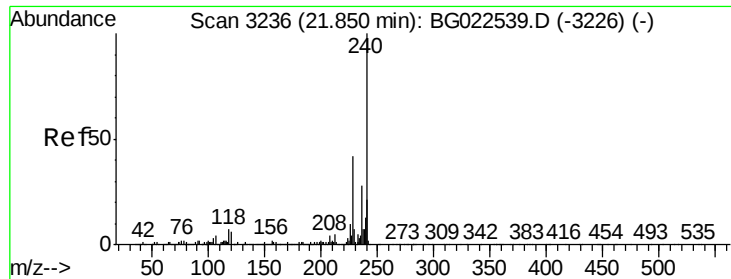


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-5F-9-11RE

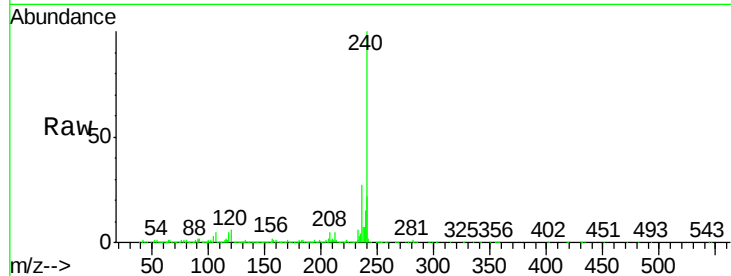
Tgt Ion:240 Resp: 1627416

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

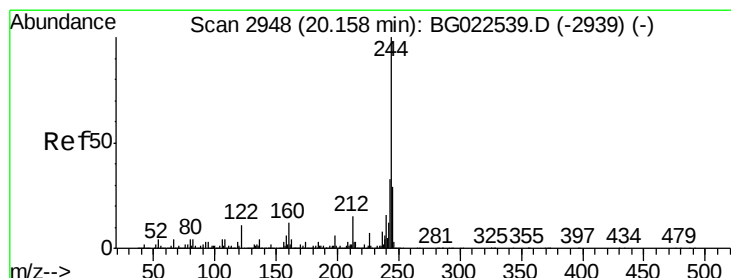
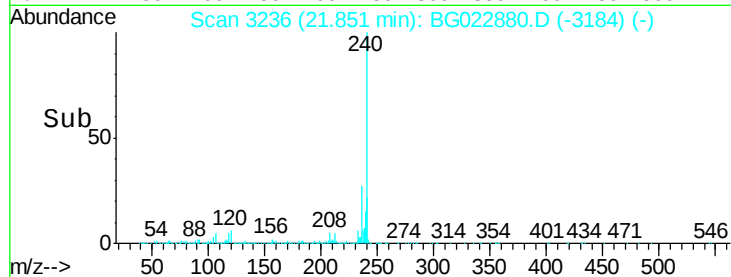
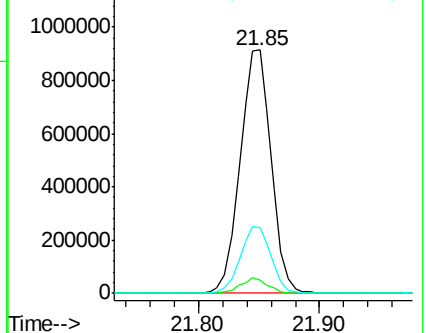
236 27.2 21.1 31.7



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



#78

Terphenyl-d14

Concen: 36.43 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG022880.D

Acq: 6 Jul 2016 17:25

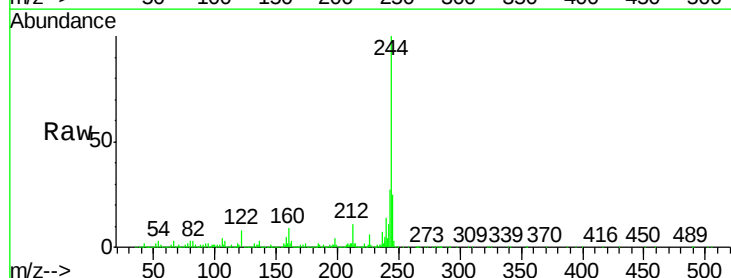
Tgt Ion:244 Resp: 2237768

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

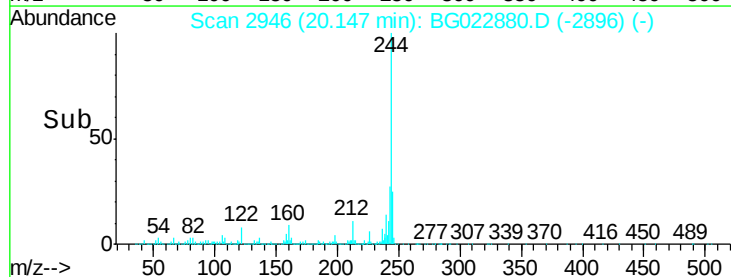
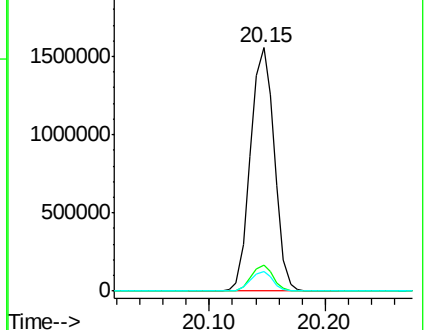
122 8.2 8.0 12.0

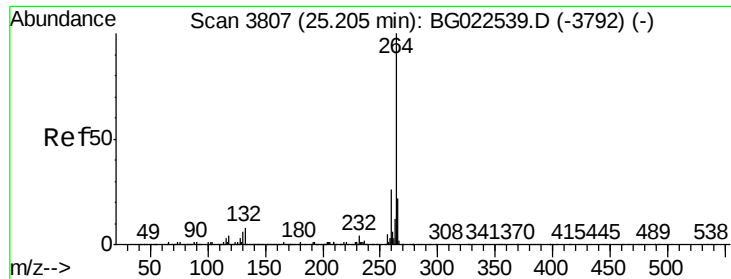


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3809
Delta R.T. 0.01 min
Lab File: BG022880.D
Acq: 6 Jul 2016 17:25

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11RE

Tgt Ion: 264 Resp: 1738052

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.4	27.6
265	22.8	18.9	28.3

