

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022606.D
 Acq On : 26 Jun 2016 12:05
 Operator : UM/SJ
 Sample : H3713-06
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5A-9-11

Quant Time: Jun 27 01:34:38 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

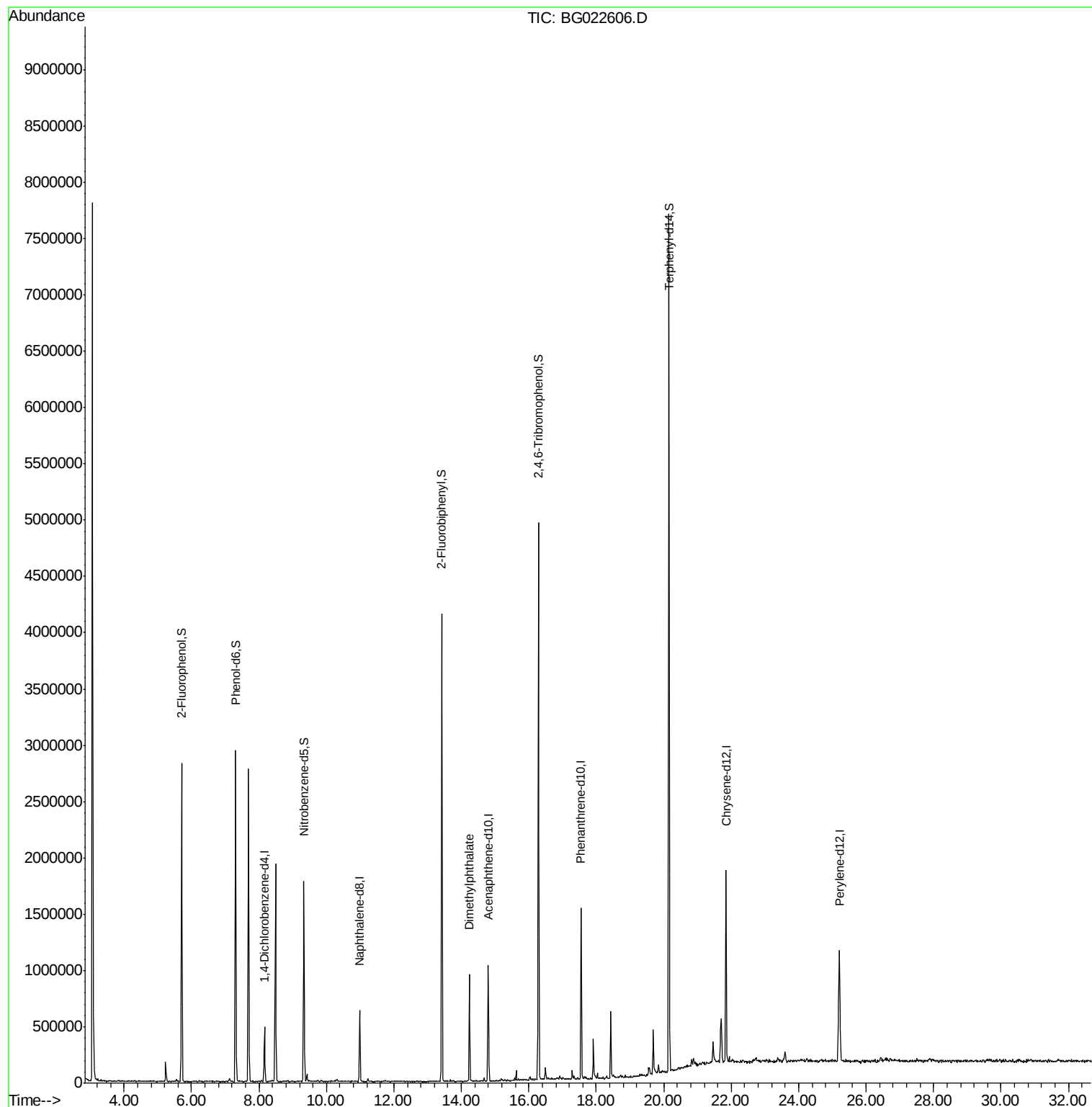
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	117412	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	498094	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	359515	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	920717	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1076133	20.00	ng	0.00
86) Perylene-d12	25.21	264	1147661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1109223	151.53	ng	0.00
7) Phenol-d6	7.31	99	1599507	155.02	ng	0.00
23) Nitrobenzene-d5	9.33	82	1124757	95.57	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	867084	153.34	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1987779	87.68	ng	0.00
78) Terphenyl-d14	20.15	244	2867596	70.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	569735	19.10	ng	Qvalue 97

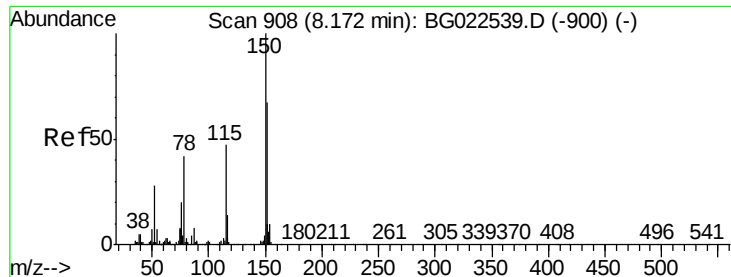
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022606.D

Acq: 26 Jun 2016 12:05

Instrument :

BNA_G

ClientSampleId :

5A-9-11

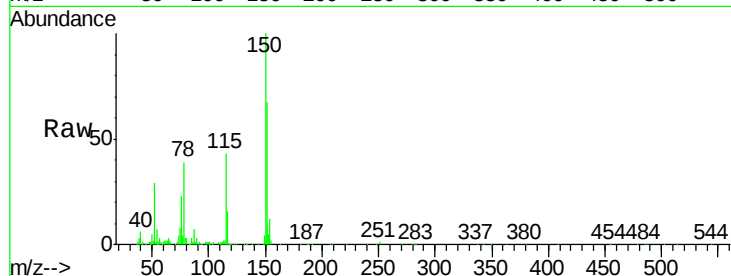
Tgt Ion:152 Resp: 117412

Ion Ratio Lower Upper

152 100

150 149.3 144.7 217.1

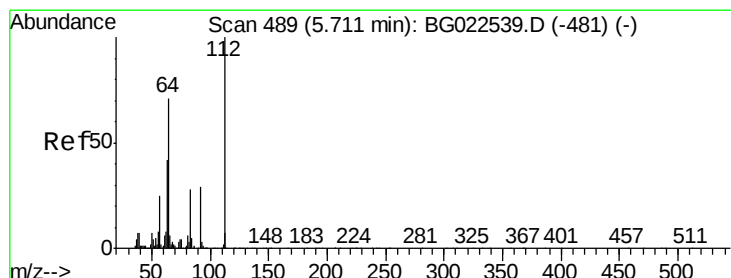
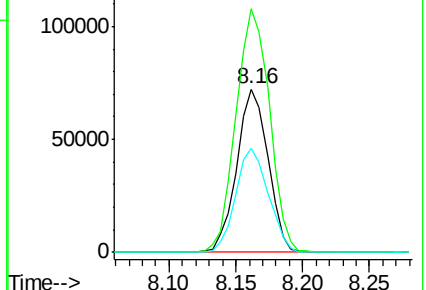
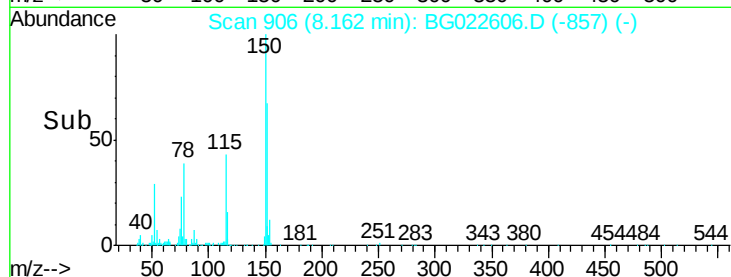
115 63.6 64.0 96.0#



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: 151.53 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

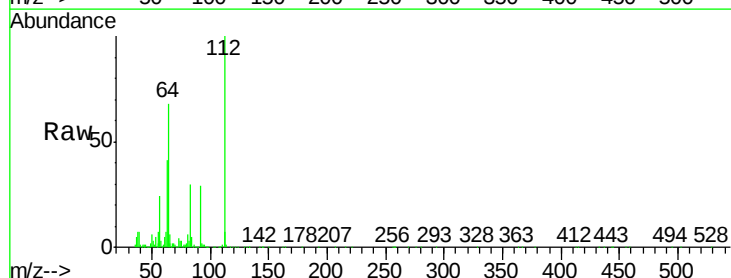
Tgt Ion:112 Resp: 1109223

Ion Ratio Lower Upper

112 100

64 67.5 59.0 88.4

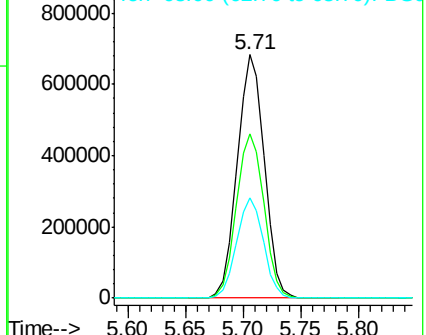
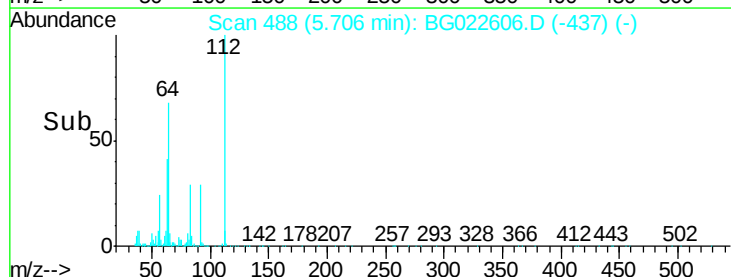
63 41.2 37.8 56.8

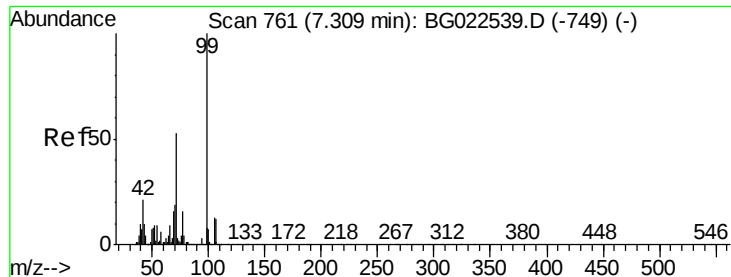


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 155.02 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Instrument :

BNA_G

ClientSampleId :

5A-9-11

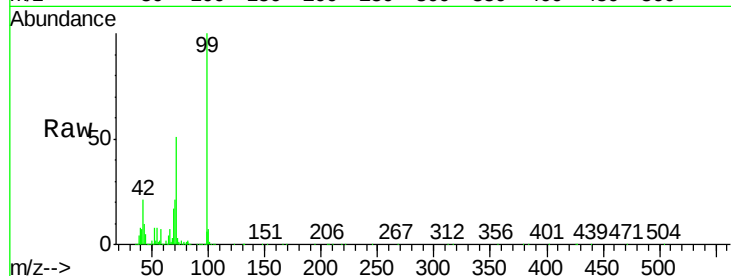
Tgt Ion: 99 Resp: 1599507

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.8	26.6
71	50.6	41.5	62.3

99 100

42 21.4 17.8 26.6

71 50.6 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

1200000

1000000

800000

600000

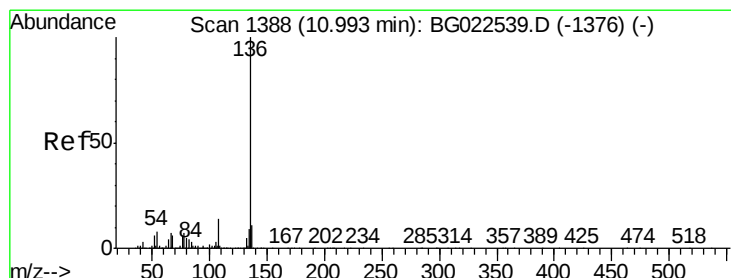
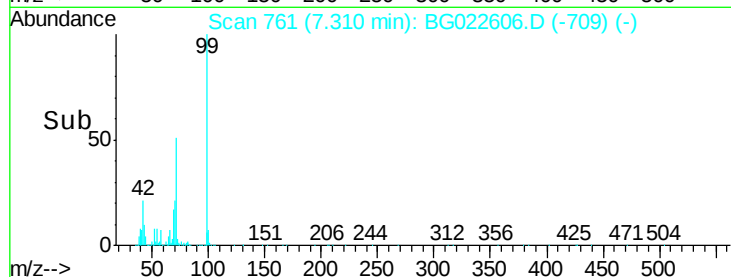
400000

200000

0

7.31

Time--> 7.20 7.25 7.30 7.35 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Tgt Ion: 136 Resp: 498094

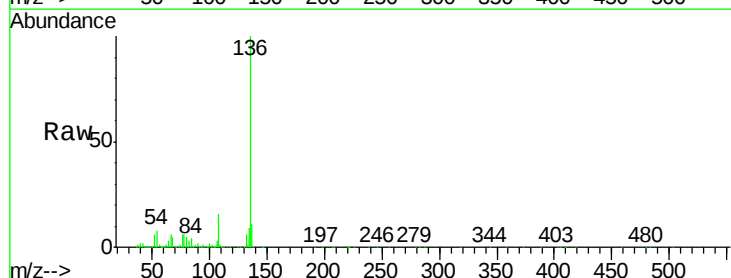
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	8.4	7.3	10.9
68	5.5	5.3	7.9

136 100

137 10.9 9.6 14.4

54 8.4 7.3 10.9

68 5.5 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

400000

300000

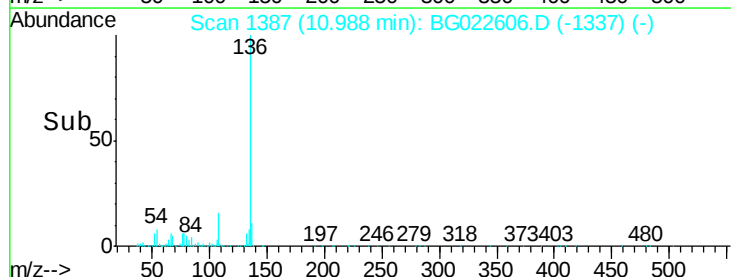
200000

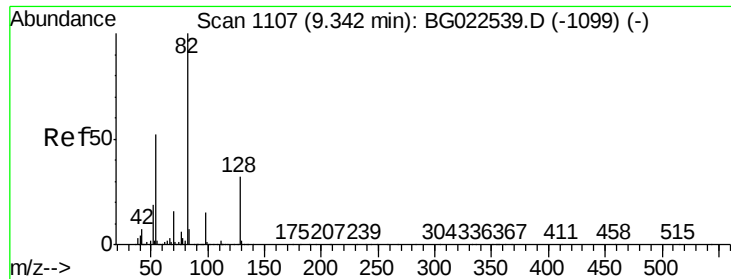
100000

0

10.99

Time--> 10.90 11.00



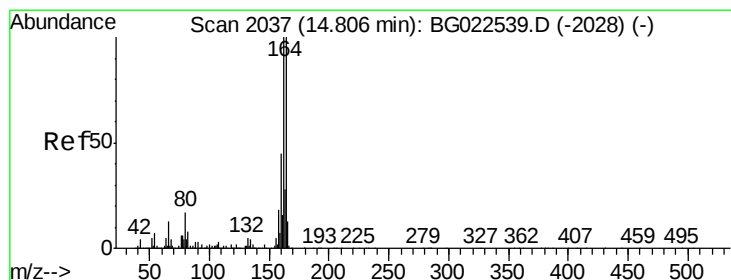
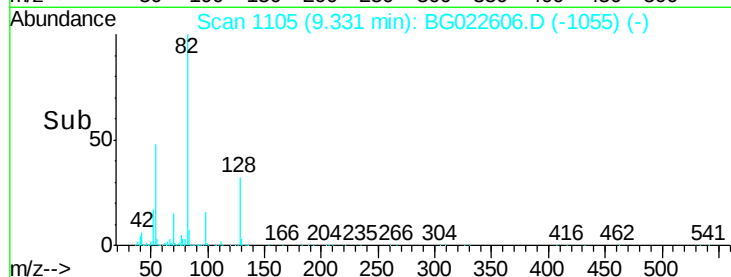
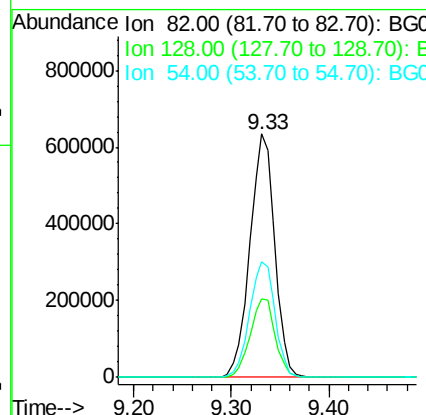
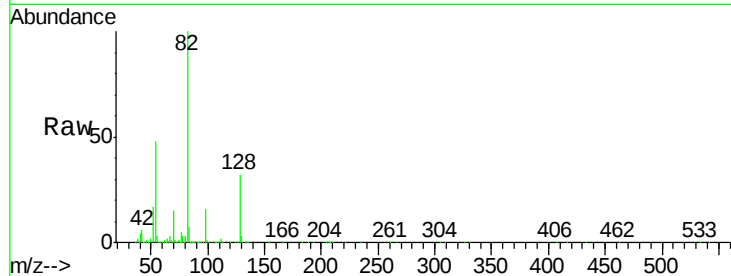


#23
 Nitrobenzene-d5
 Concen: 95.57 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022606.D
 Acq: 26 Jun 2016 12:05

Instrument :
 BNA_G
 ClientSampleId :
 5A-9-11

Tgt Ion: 82 Resp: 1124757

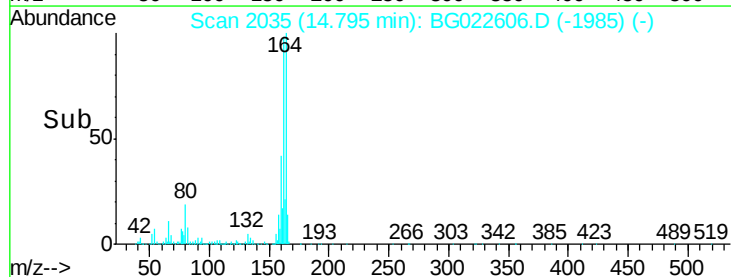
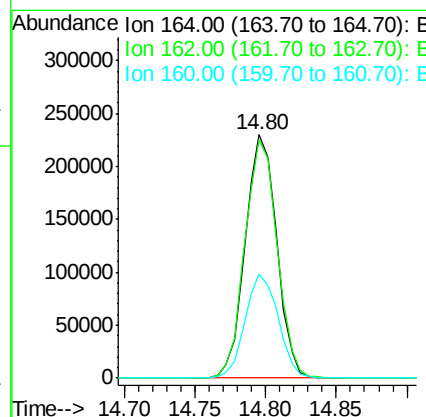
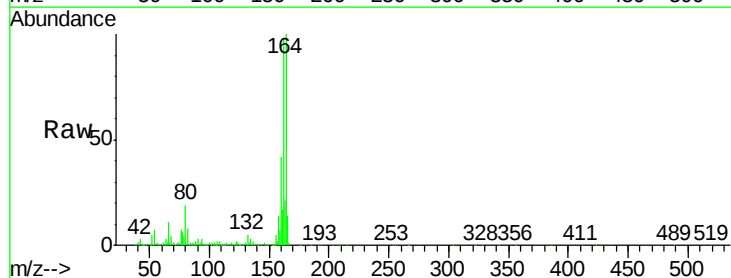
Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.4	36.6
54	47.7	41.4	62.0

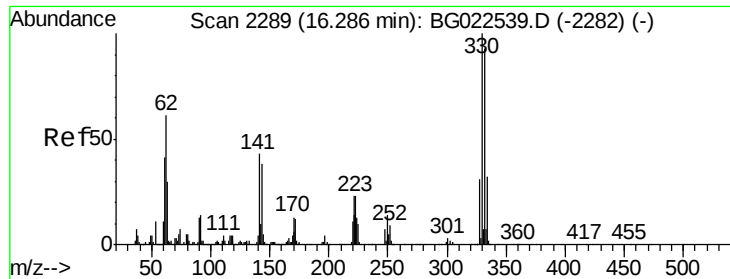


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG022606.D
 Acq: 26 Jun 2016 12:05

Tgt Ion: 164 Resp: 359515

Ion	Ratio	Lower	Upper
164	100		
162	98.0	87.7	131.5
160	42.5	37.2	55.8

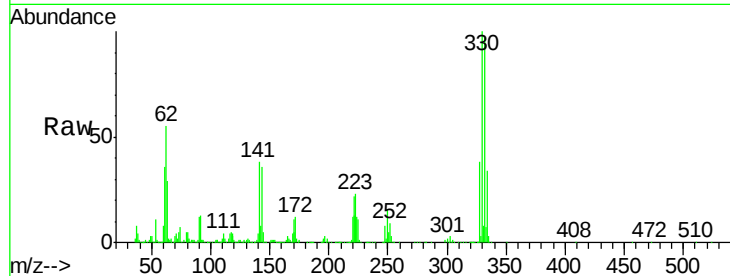




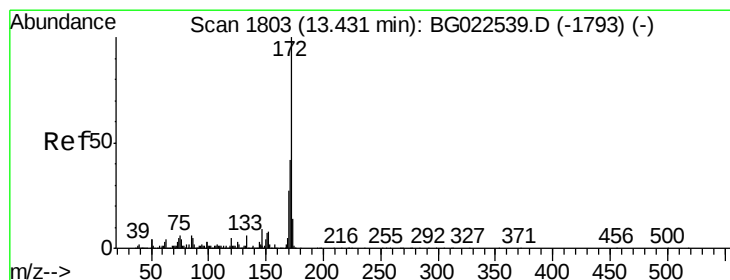
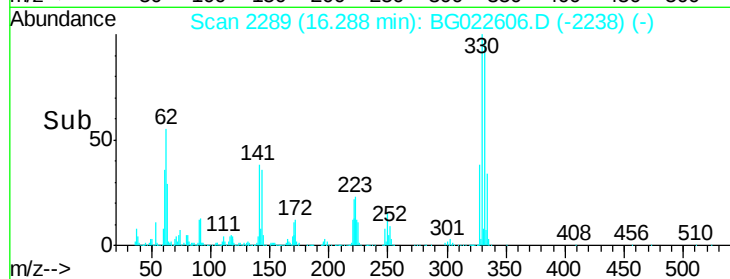
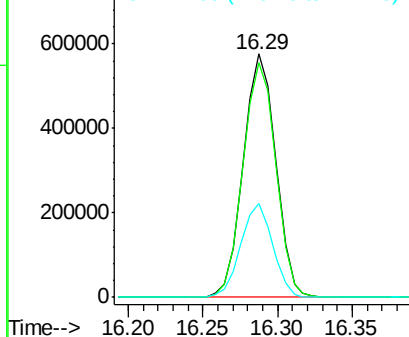
#41
 2,4,6-Tribromophenol
 Concen: 153.34 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022606.D
 Acq: 26 Jun 2016 12:05

Instrument :
 BNA_G
 ClientSampled :
 5A-9-11

Tgt Ion:330 Resp: 867084
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 38.3 31.7 47.5

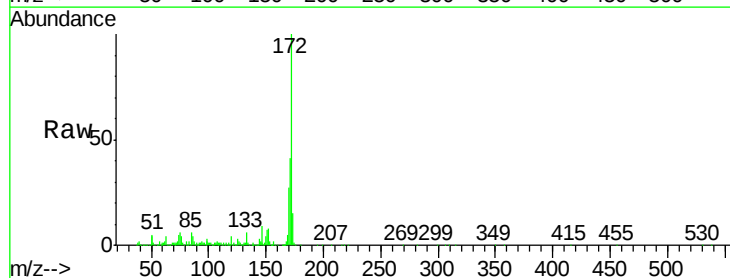


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

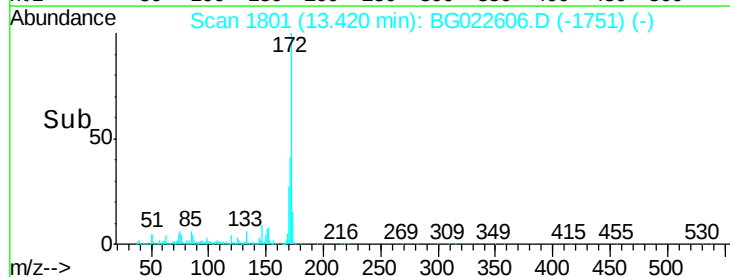
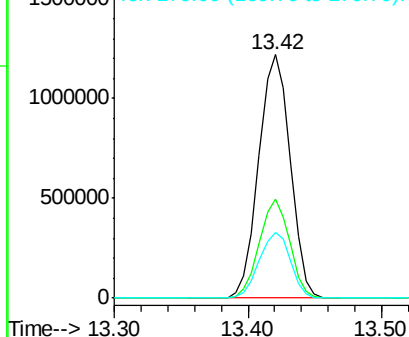


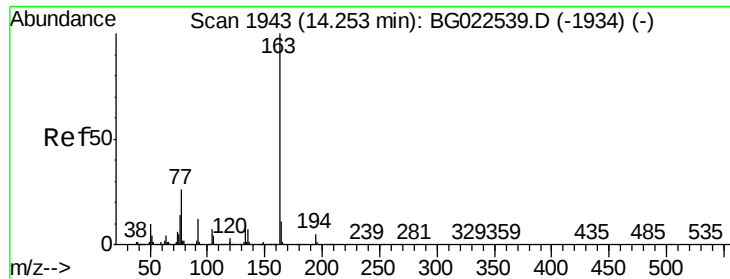
#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022606.D
 Acq: 26 Jun 2016 12:05

Tgt Ion:172 Resp: 1987779
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 27.0 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: 19.10 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Instrument :

BNA_G

ClientSampled :

5A-9-11

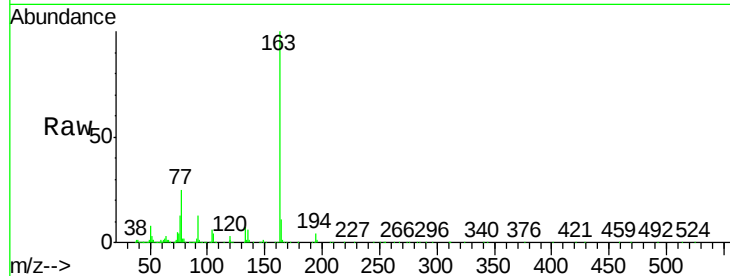
Tgt Ion:163 Resp: 569735

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

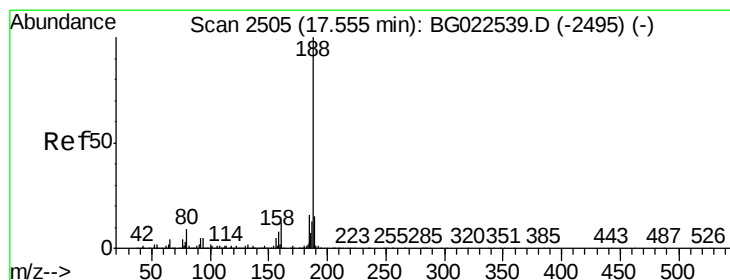
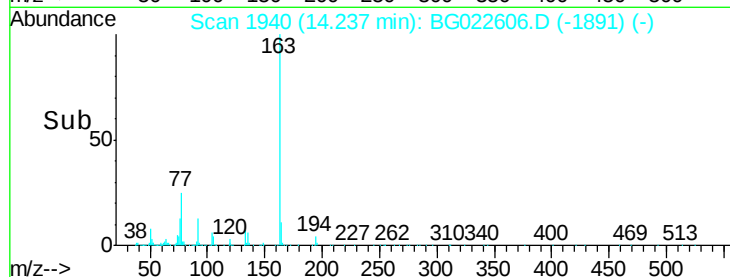
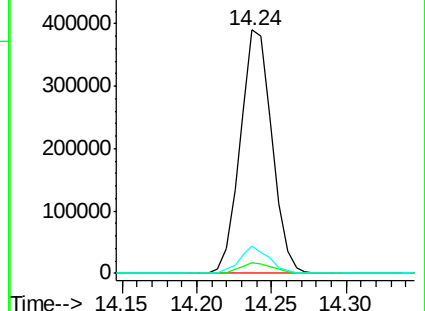
164 11.4 8.1 12.1



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: BG022606.D

Acq: 26 Jun 2016 12:05

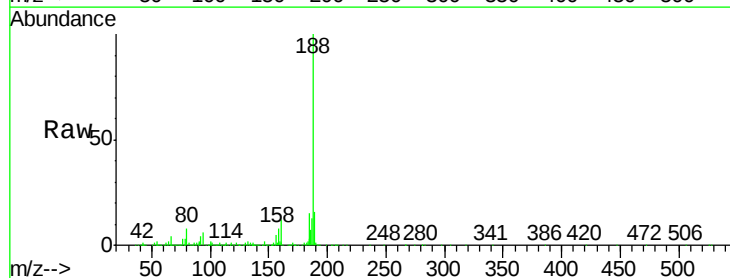
Tgt Ion:188 Resp: 920717

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

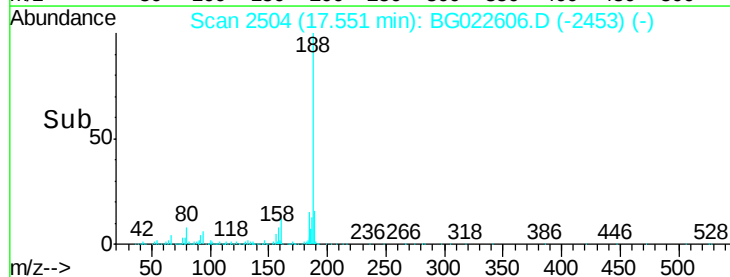
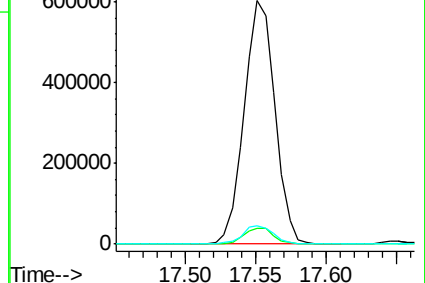
80 7.6 7.2 10.8

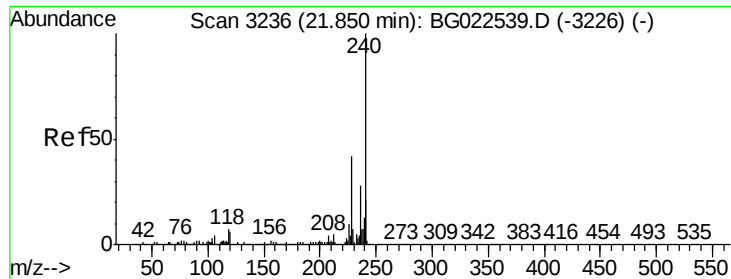


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3235

Delta R.T. 0.00 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Instrument :

BNA_G

ClientSampleId :

5A-9-11

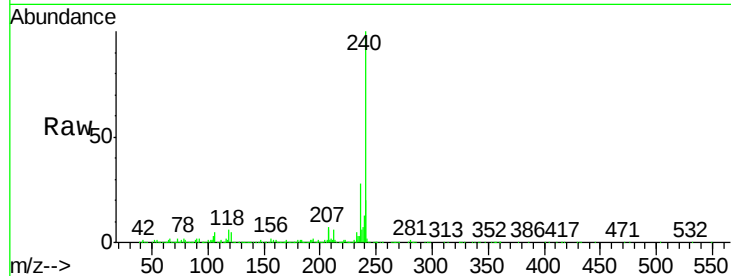
Tgt Ion:240 Resp: 1076133

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

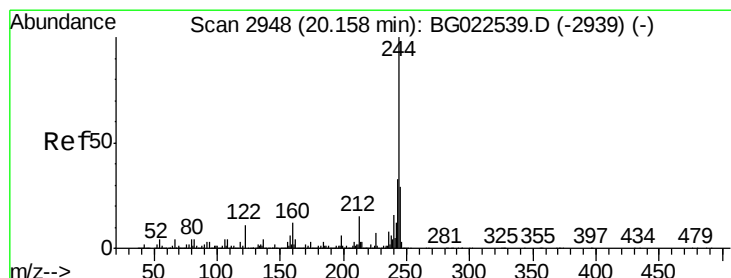
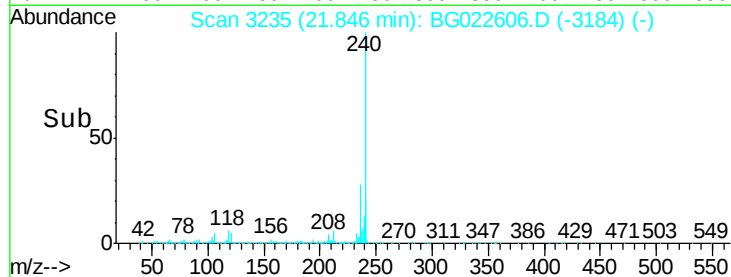
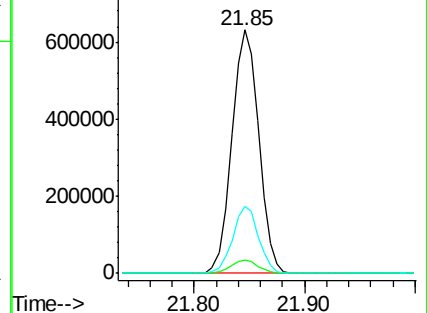
236 27.5 21.1 31.7



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: 70.60 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

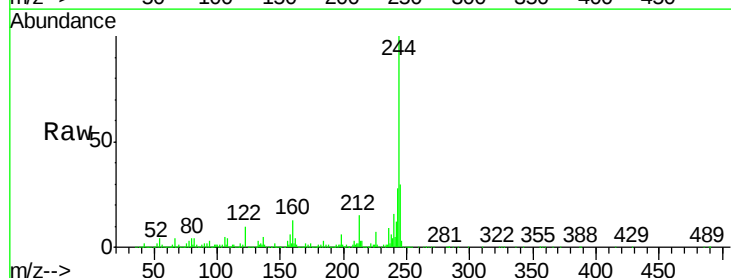
Tgt Ion:244 Resp: 2867596

Ion Ratio Lower Upper

244 100

212 14.7 10.8 16.2

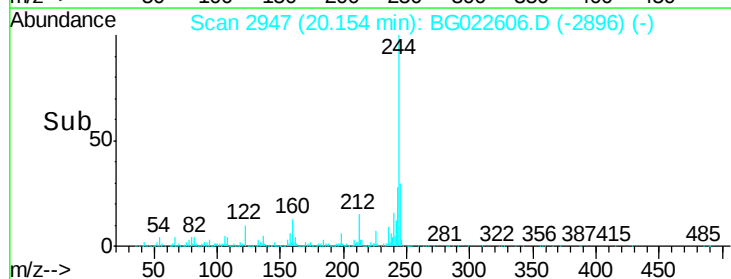
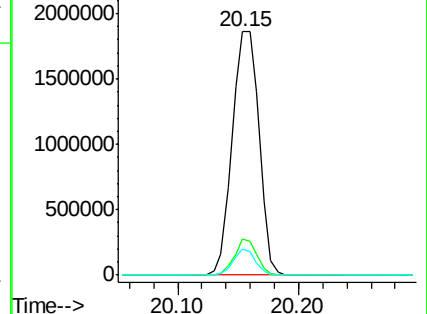
122 10.4 8.0 12.0

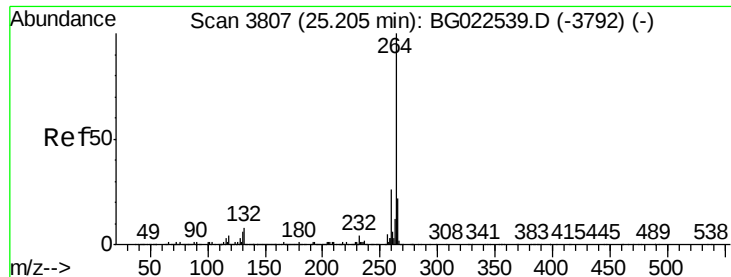


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Instrument :
BNA_G
ClientSampleId :
5A-9-11

Tgt Ion: 264 Resp: 1147661

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	21.9	18.9	28.3

