

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033041.D
 Acq On : 8 Mar 2018 15:21
 Operator : SJ/JU
 Sample : J1748-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-030618-A

Quant Time: Mar 08 16:43:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

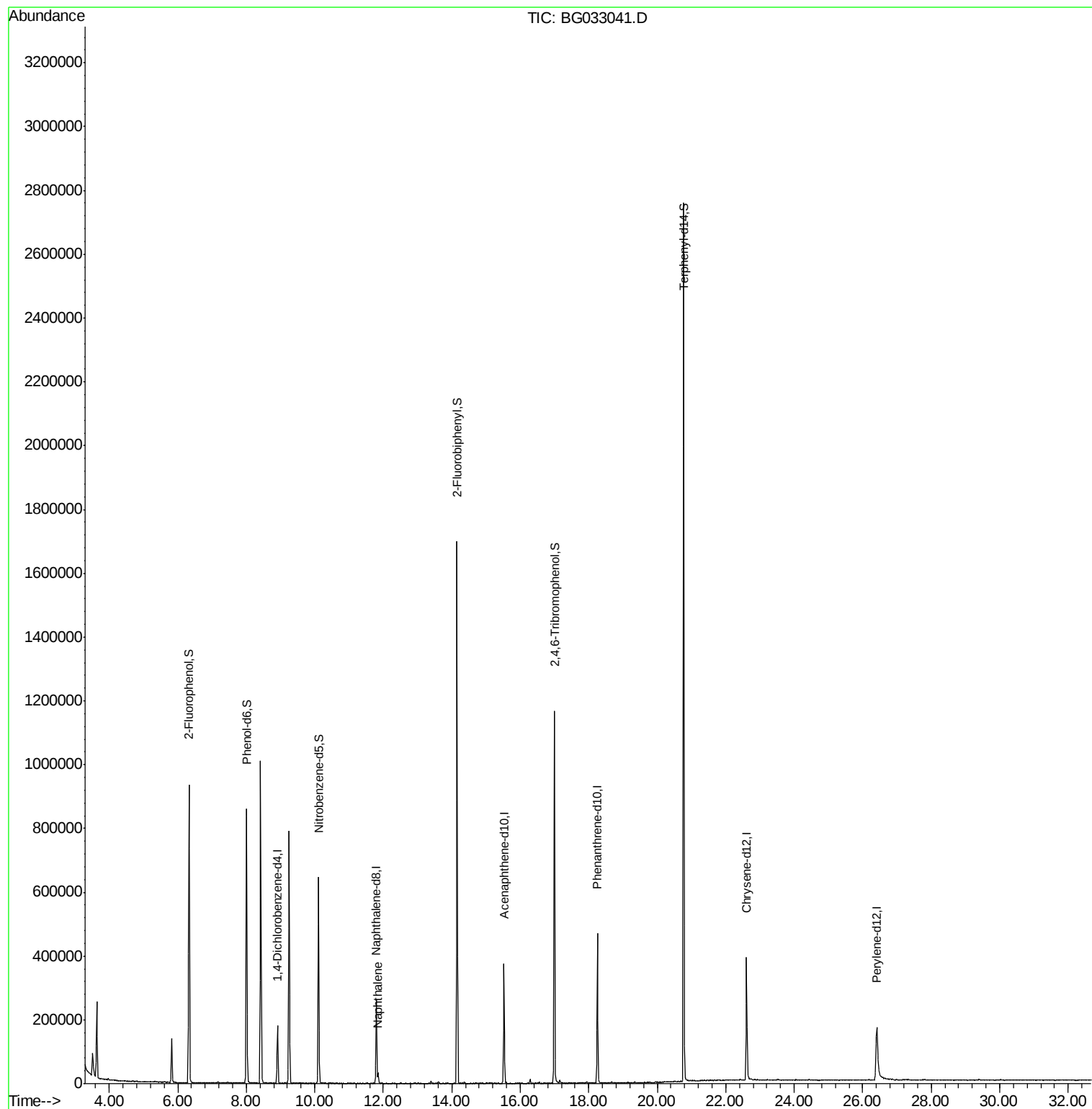
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	54518	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	234598	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	130290	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	296673	20.00	ng	0.00
75) Chrysene-d12	22.61	240	275598	20.00	ng	0.00
86) Perylene-d12	26.42	264	264547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	440868	129.37	ng	0.00
7) Phenol-d6	8.01	99	526907	110.93	ng	0.00
23) Nitrobenzene-d5	10.11	82	411865	117.54	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	216557	158.08	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	858714	95.06	ng	0.00
78) Terphenyl-d14	20.77	244	1267916	103.36	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	29290	2.389	ng	Qvalue 98

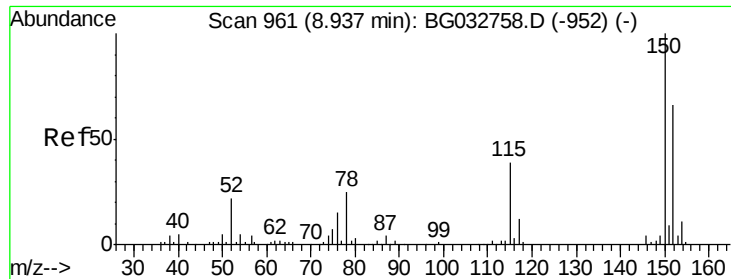
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
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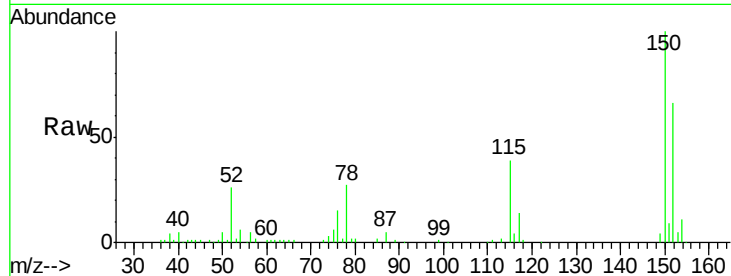


#1

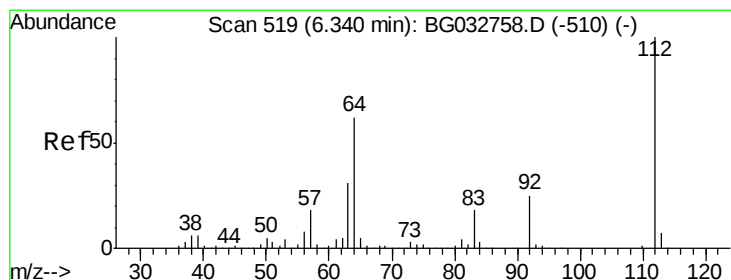
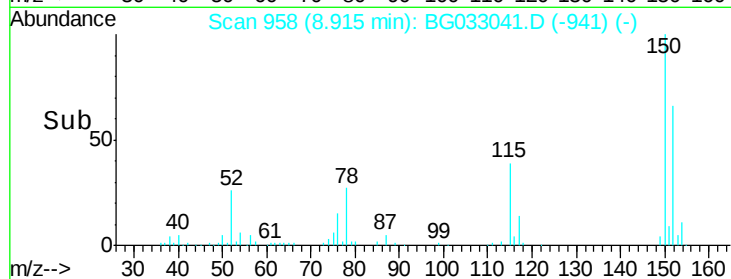
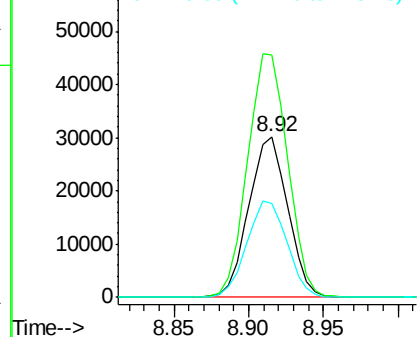
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG033041.D
Acq: 8 Mar 2018 15:21

Instrument :
BNA_G
ClientSampleId :
AU-06-030618-A

Tot Ion:152 Resp: 54518
Ion Ratio Lower Upper
152 100
150 150.7 126.6 189.8
115 58.8 53.0 79.4



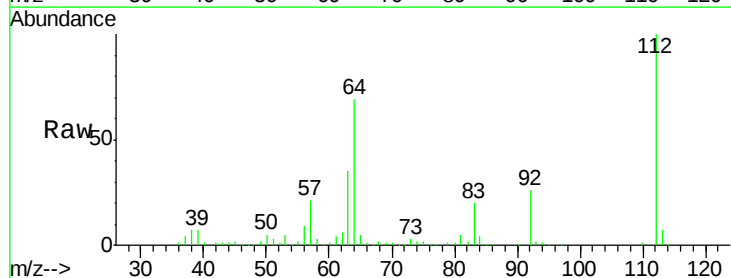
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



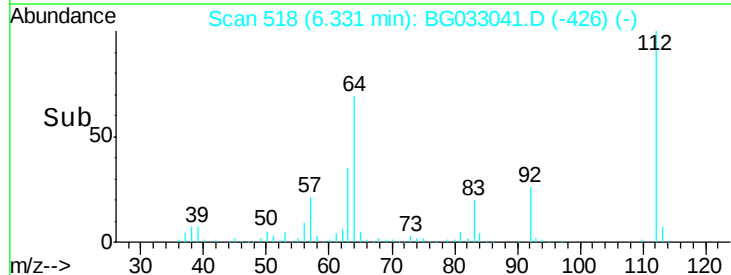
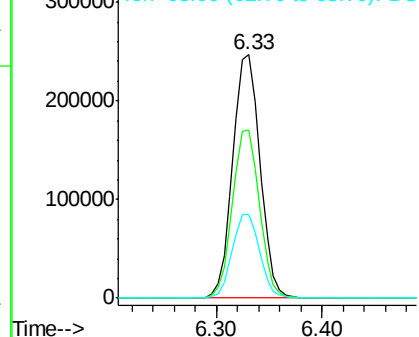
#5

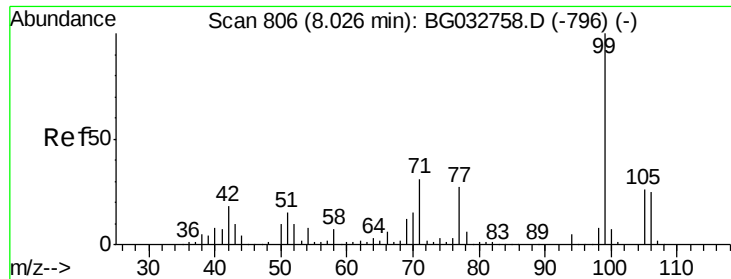
2-Fluorophenol
Concen: 129.375 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033041.D
Acq: 8 Mar 2018 15:21

Tgt Ion:112 Resp: 440868
Ion Ratio Lower Upper
112 100
64 68.9 56.3 84.5
63 34.5 30.1 45.1



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: 110.932 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033041.D

Acq: 8 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-A

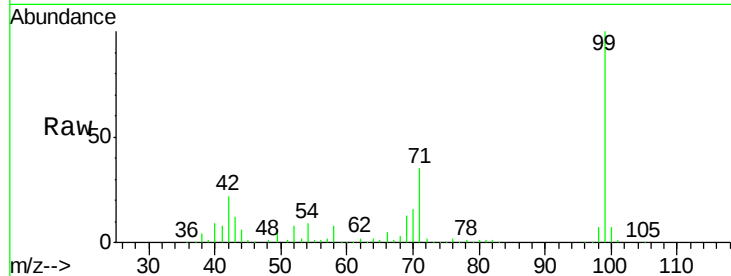
Tot Ion: 99 Resp: 526907

Ion Ratio Lower Upper

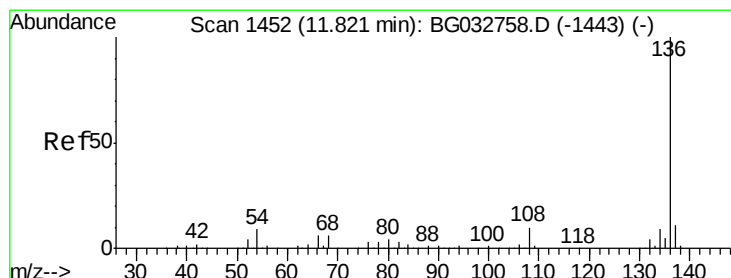
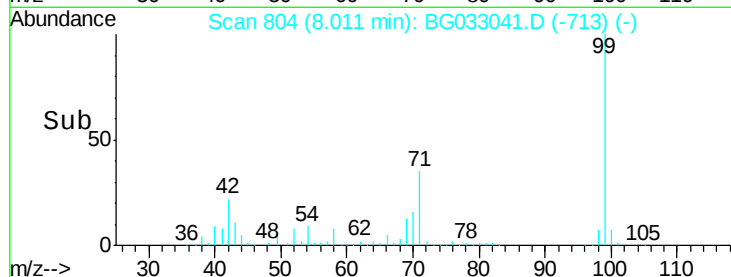
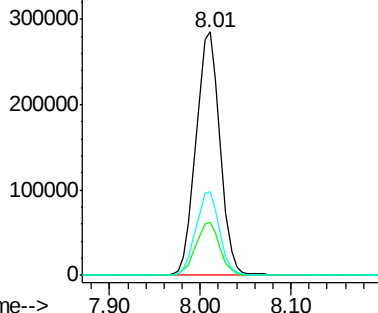
99 100

42 21.9 14.1 21.1#

71 34.6 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BG033041.D

Acq: 8 Mar 2018 15:21

Tgt Ion: 136 Resp: 234598

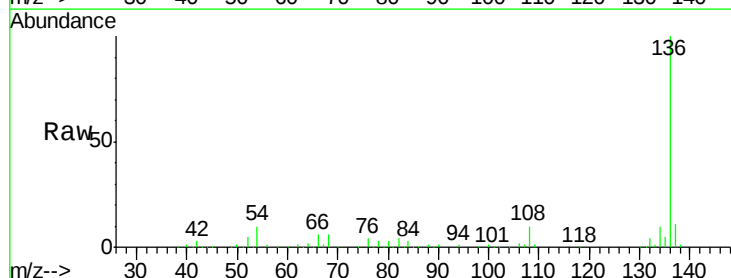
Ion Ratio Lower Upper

136 100

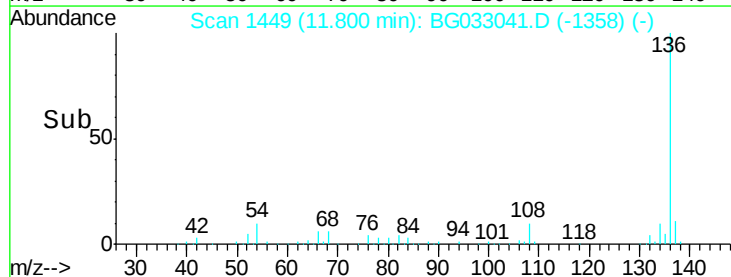
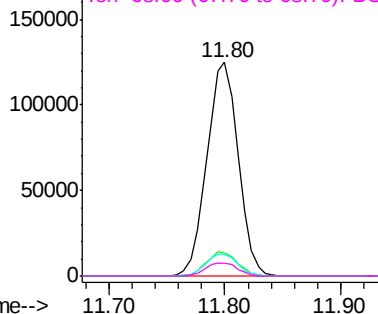
137 11.0 9.2 13.8

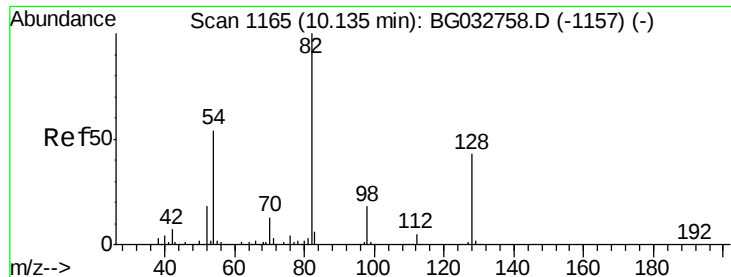
54 10.2 10.3 15.5#

68 6.1 4.5 6.7



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

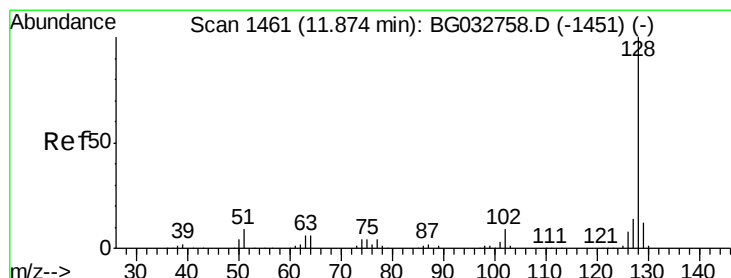
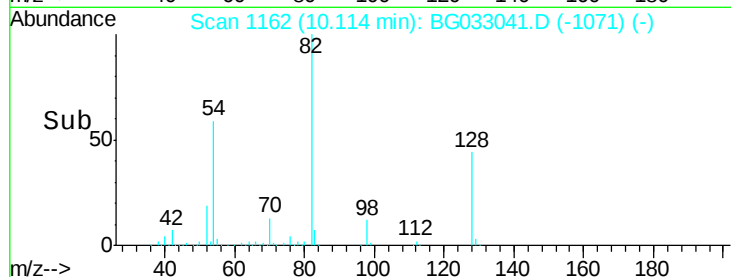
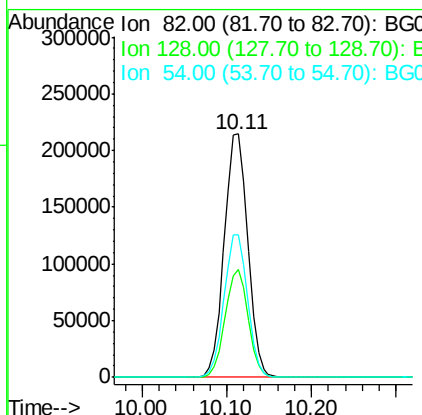
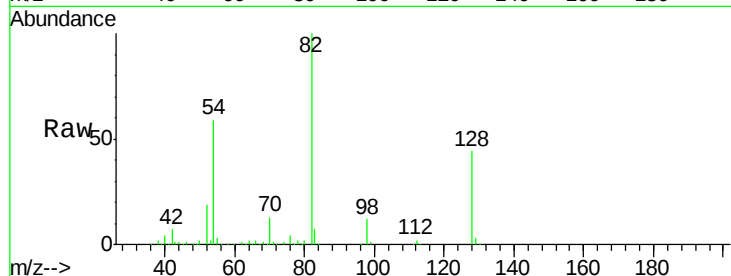




#23
Nitrobenzene-d5
Concen: 117.536 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG033041.D
Acq: 8 Mar 2018 15:21

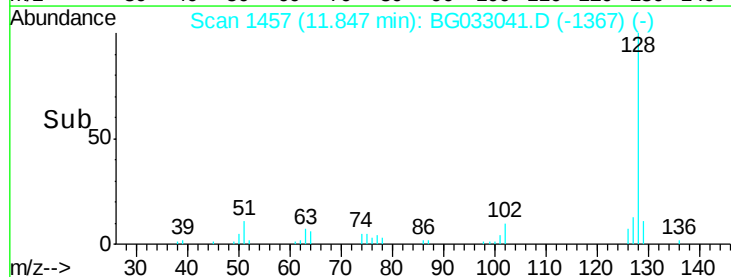
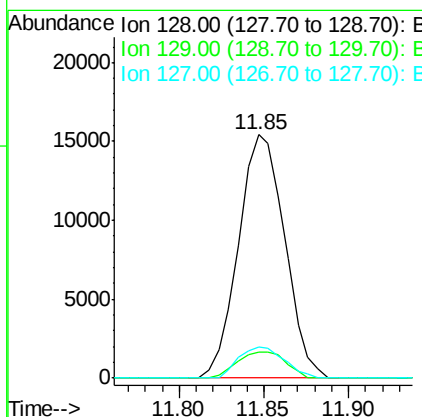
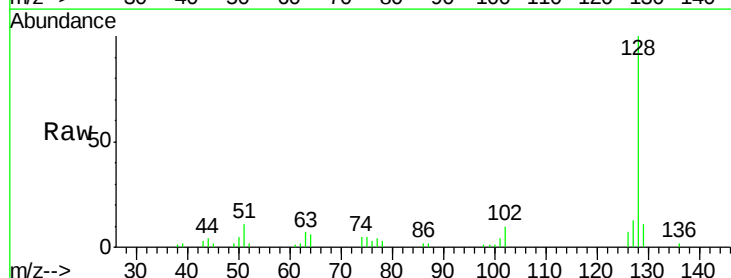
Instrument :
BNA_G
ClientSampleId :
AU-06-030618-A

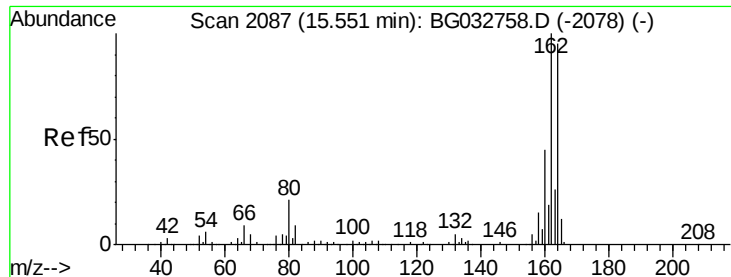
Tot Ion	82	Resp	411865
Ion Ratio	Lower	Upper	
82	100		
128	44.4	29.7	44.5
54	58.8	43.1	64.7



#31
Naphthalene
Concen: 2.389 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG033041.D
Acq: 8 Mar 2018 15:21

Tgt Ion	128	Resp	29290
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	13.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033041.D

Acq: 8 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-A

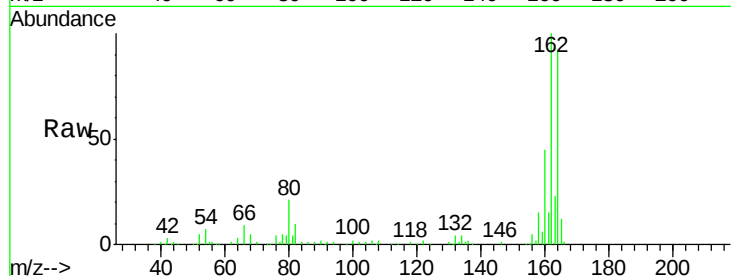
Tot Ion:164 Resp: 130290

Ion Ratio Lower Upper

164 100

162 108.6 78.8 118.2

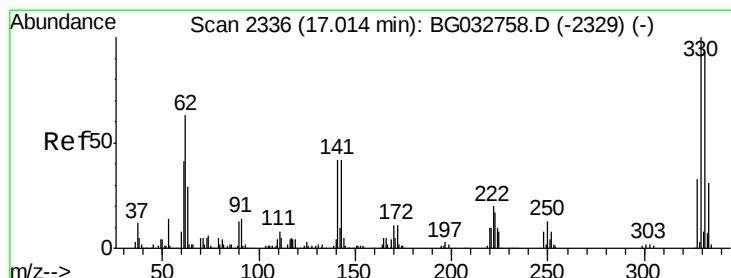
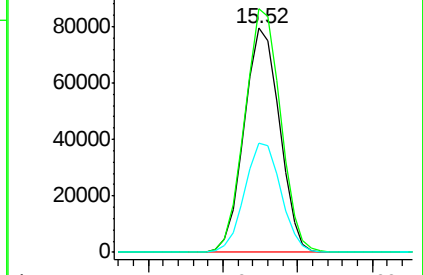
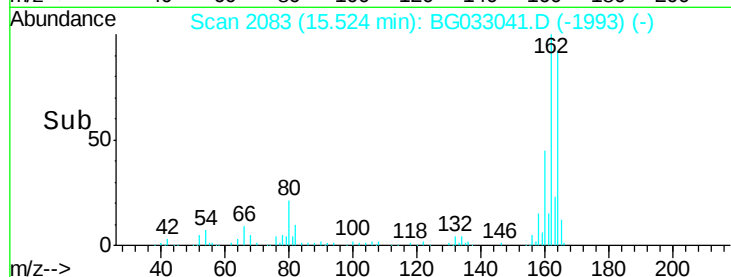
160 48.8 35.4 53.0



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: 158.076 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033041.D

Acq: 8 Mar 2018 15:21

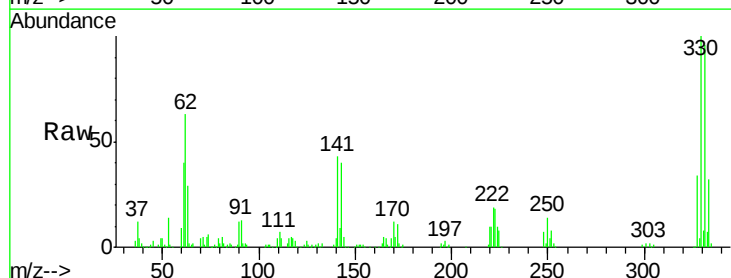
Tgt Ion:330 Resp: 216557

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

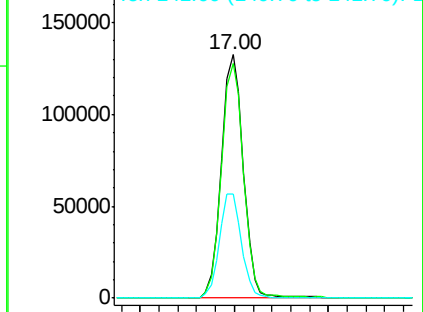
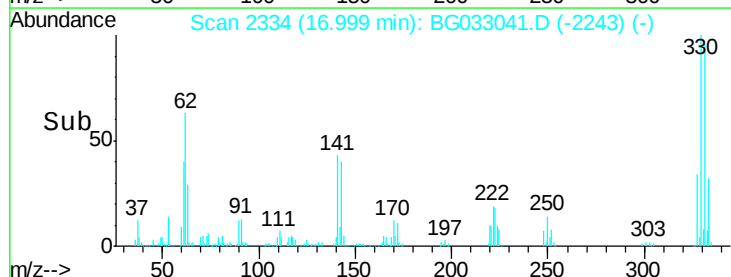
141 43.2 25.2 37.8#

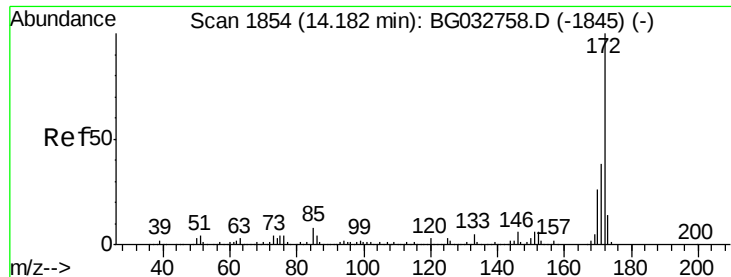


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

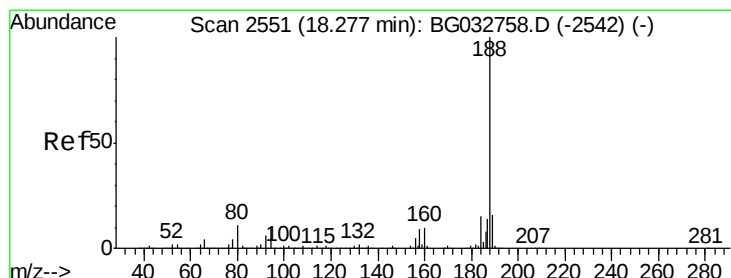
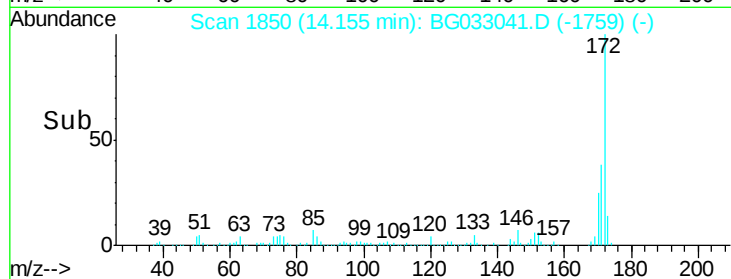
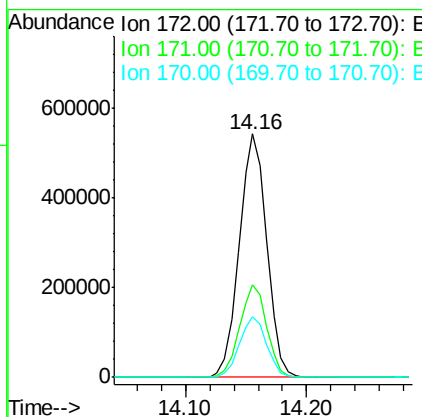
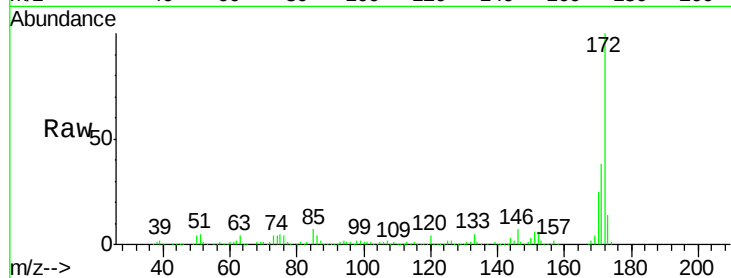




#44
 2-Fluorobiphenyl
 Concen: 95.056 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033041.D
 Acq: 8 Mar 2018 15:21

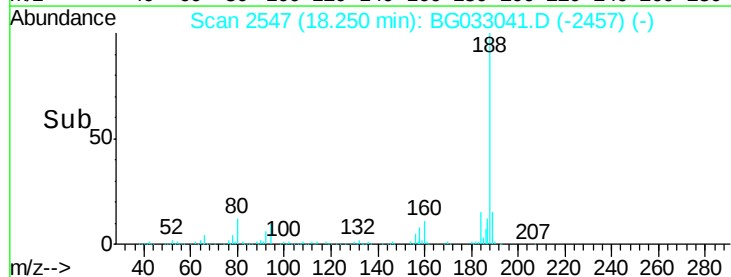
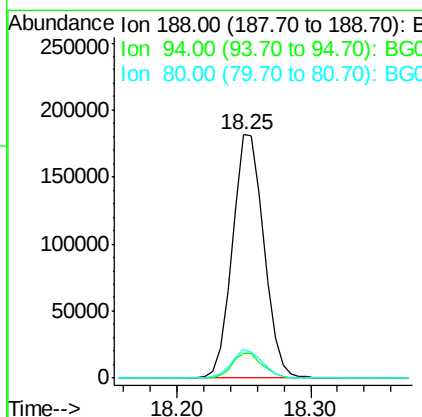
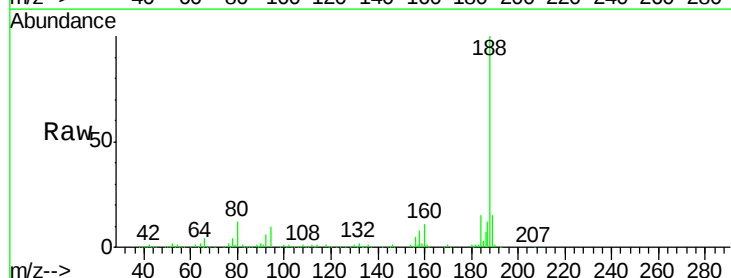
Instrument :
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 AU-06-030618-A

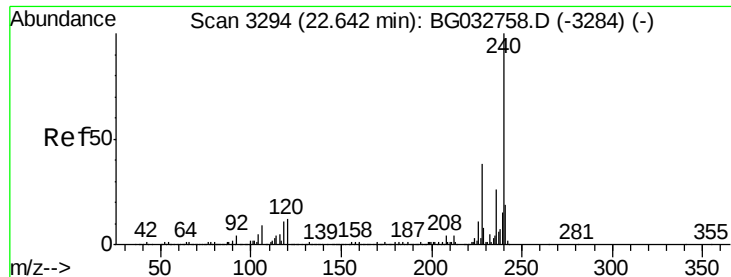
Tot Ion:172 Resp: 858714
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033041.D
 Acq: 8 Mar 2018 15:21

Tgt Ion:188 Resp: 296673
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.9 10.3
 80 11.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033041.D

Acq: 8 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-A

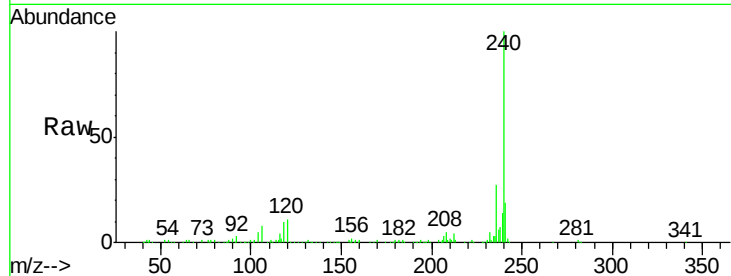
Tot Ion:240 Resp: 275598

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

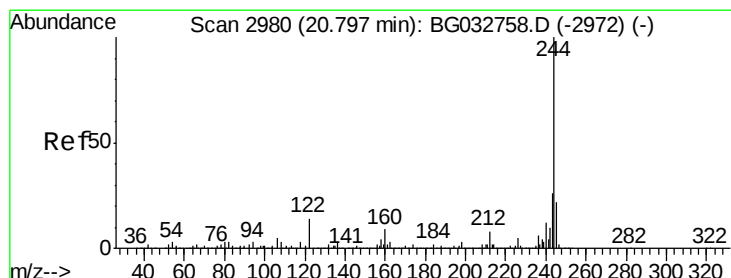
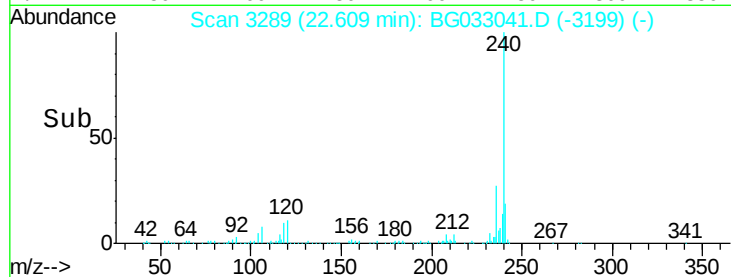
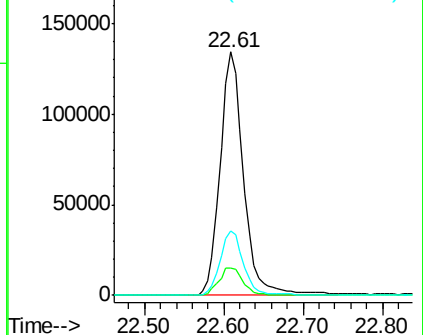
236 26.6 20.9 31.3



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: 103.363 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033041.D

Acq: 8 Mar 2018 15:21

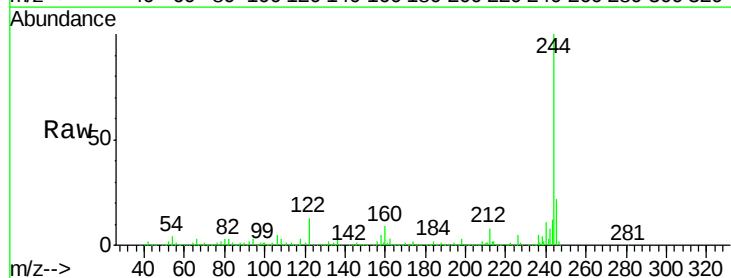
Tgt Ion:244 Resp: 1267916

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

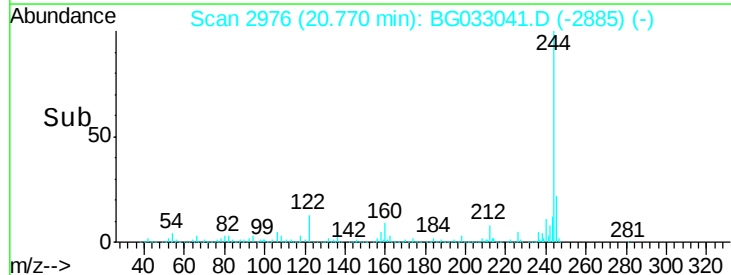
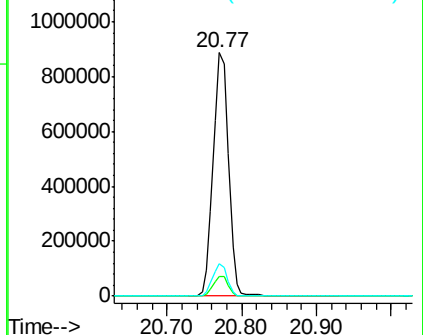
122 13.3 7.0 10.4#

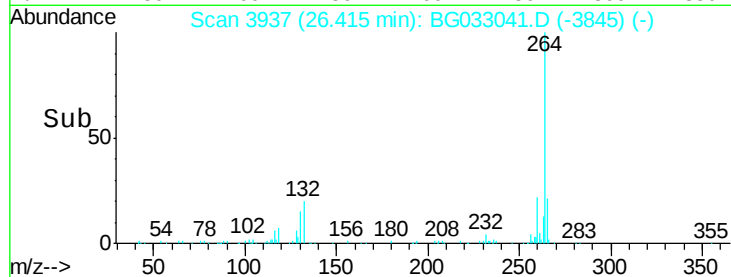
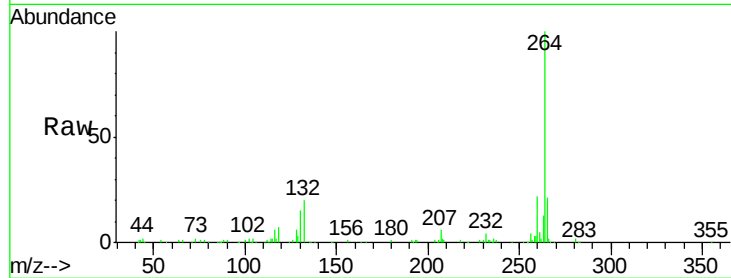
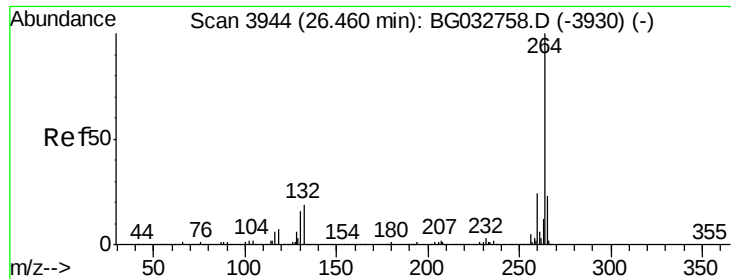


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.42 min Scan# 3937

Delta R.T. 0.01 min

Lab File: BG033041.D

Acq: 8 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-A

Tot Ion:264 Resp: 264547

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 20.6 17.7 26.5

