

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033079.D
 Acq On : 9 Mar 2018 19:23
 Operator : SJ/JU
 Sample : J1855-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMP

Quant Time: Mar 10 01:48:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	50330	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	221300	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	123340	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	286309	20.00	ng	0.00
75) Chrysene-d12	22.61	240	270159	20.00	ng	0.00
86) Perylene-d12	26.41	264	225107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	435823	138.54	ng	0.00
7) Phenol-d6	8.01	99	542121	123.63	ng	0.00
23) Nitrobenzene-d5	10.11	82	386330	116.93	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	170922	131.80	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	820706	95.97	ng	0.00
78) Terphenyl-d14	20.77	244	1298400	107.98	ng	0.00

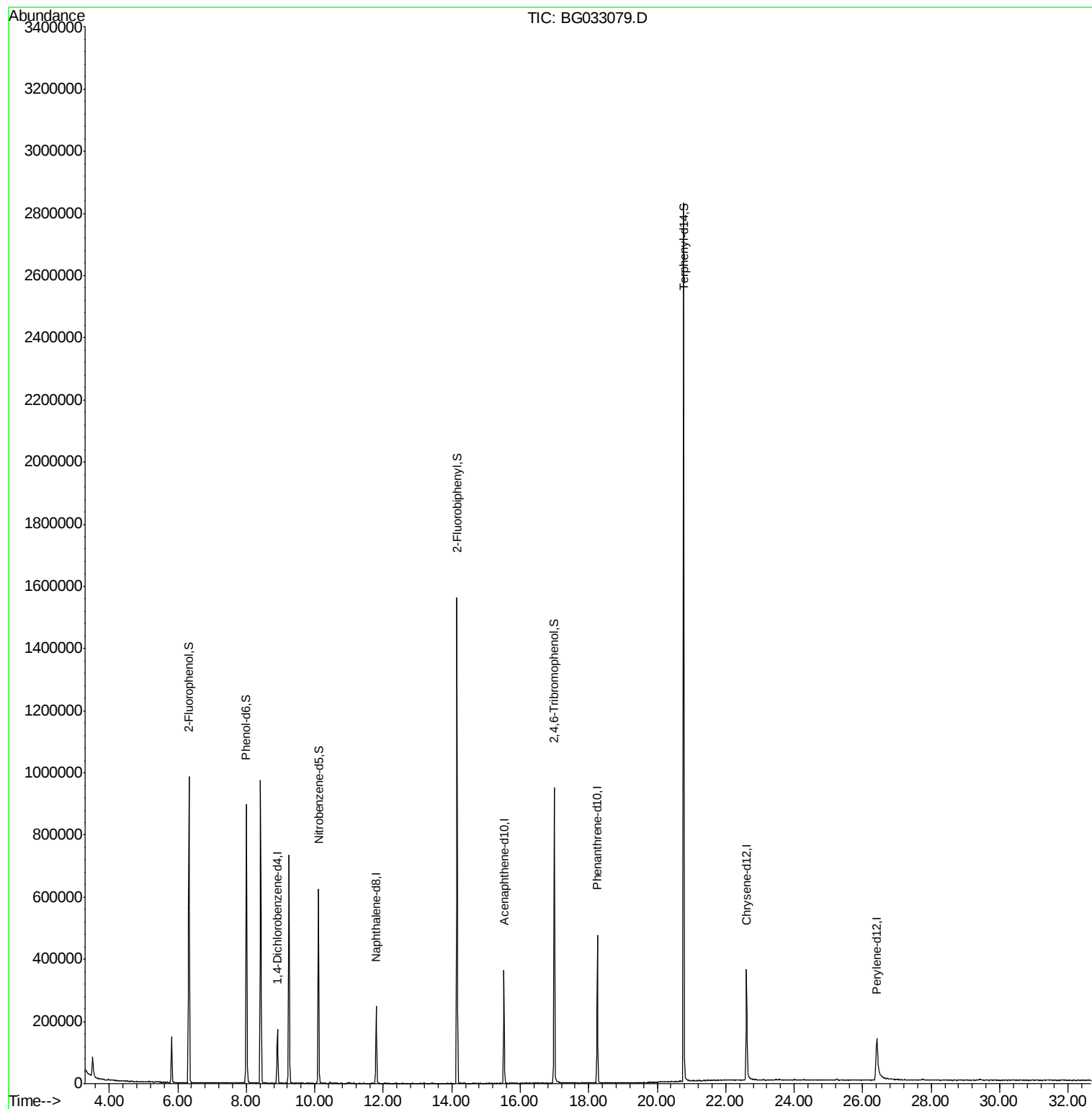
Target Compounds Qvalue

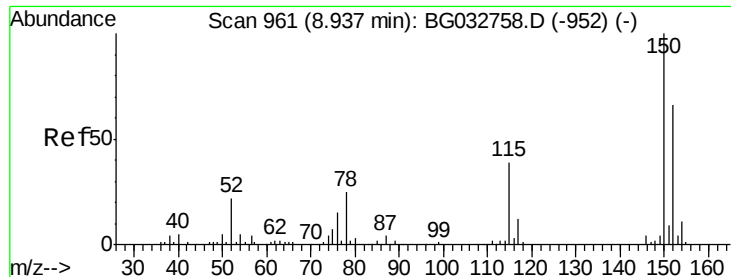
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



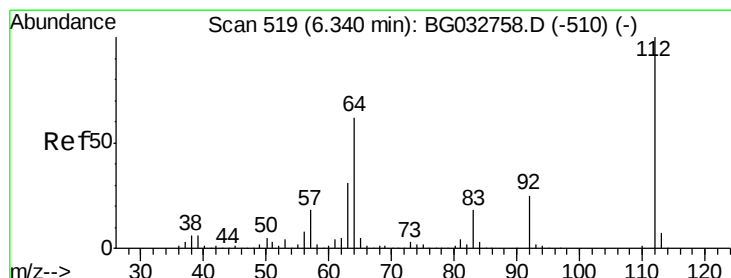
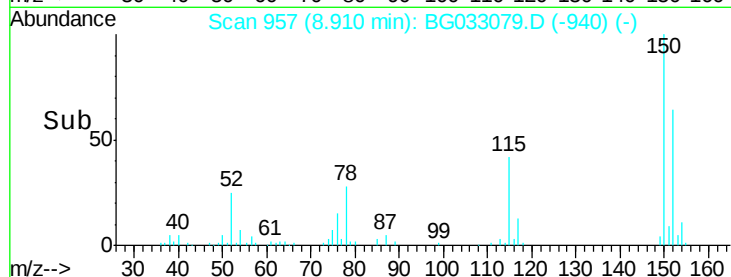
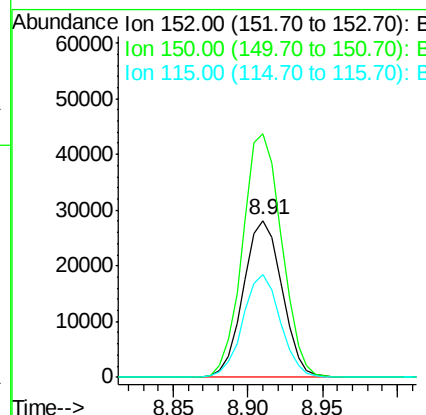
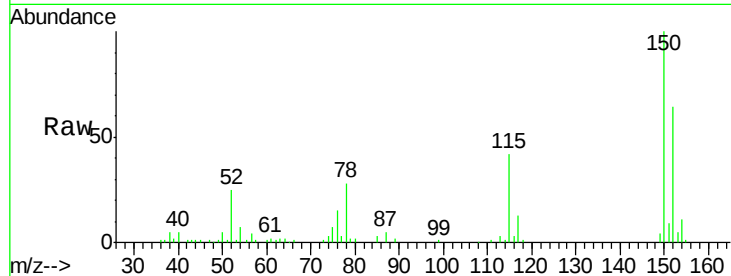


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :
TP-4-COMP

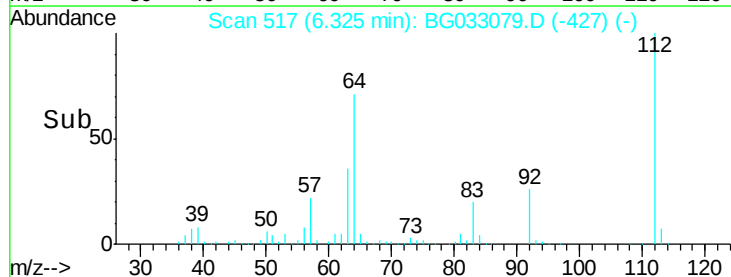
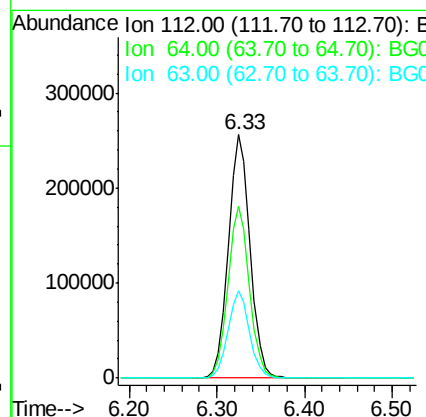
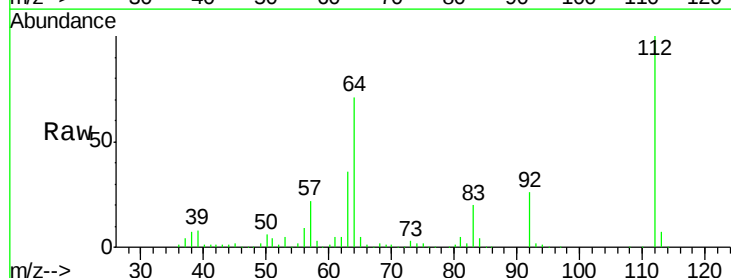
Tot Ion:152 Resp: 50330
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 65.5 53.0 79.4

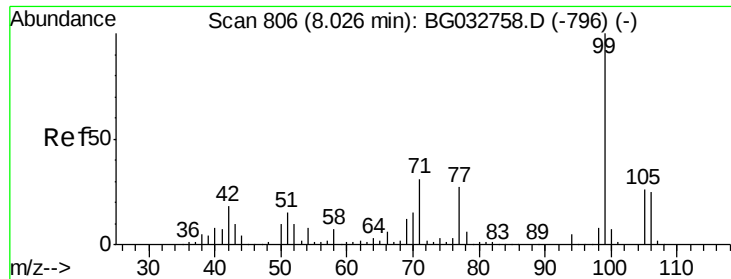


#5

2-Fluorophenol
Concen: 138.536 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:112 Resp: 435823
Ion Ratio Lower Upper
112 100
64 70.7 56.3 84.5
63 35.7 30.1 45.1





#7

Phenol-d6

Concen: 123.632 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033079.D

Acq: 9 Mar 2018 19:23

Instrument :

BNA_G

ClientSampleId :

TP-4-COMP

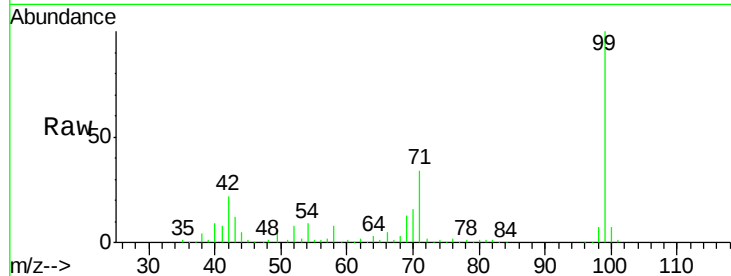
Tot Ion: 99 Resp: 542121

Ion Ratio Lower Upper

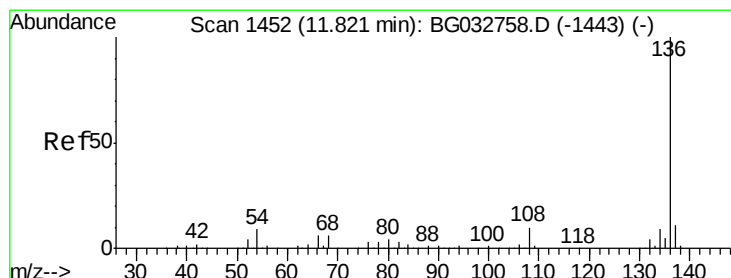
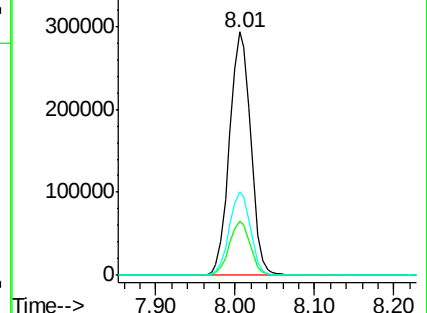
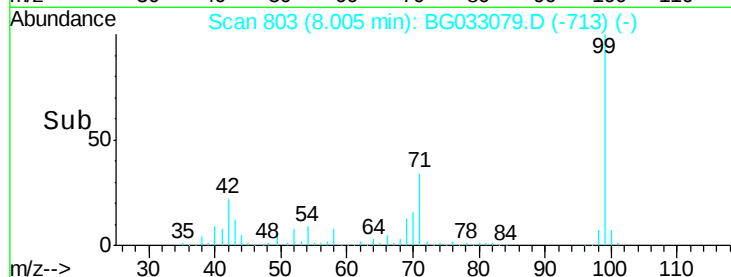
99 100

42 22.4 14.1 21.1#

71 34.5 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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033079.D

Acq: 9 Mar 2018 19:23

Tgt Ion:136 Resp: 221300

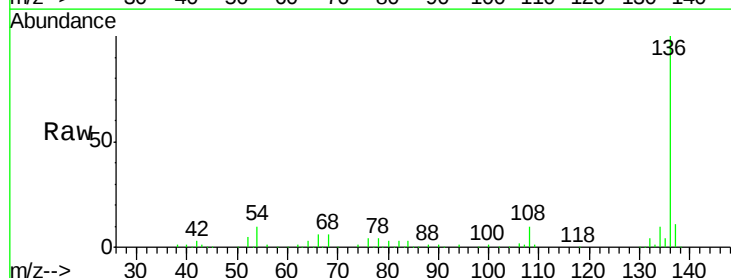
Ion Ratio Lower Upper

136 100

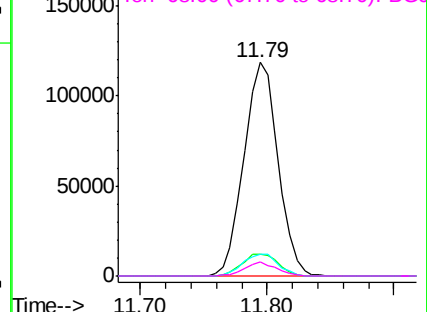
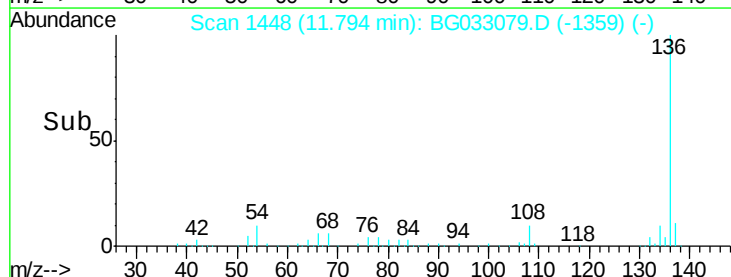
137 10.5 9.2 13.8

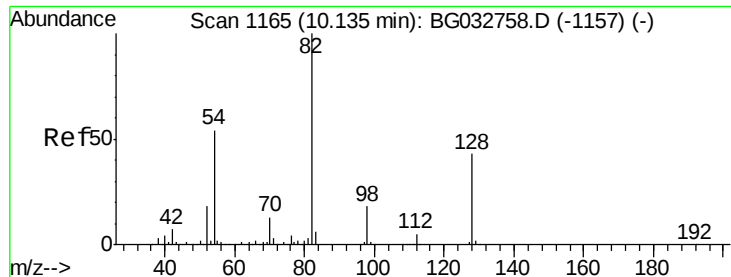
54 9.9 10.3 15.5#

68 6.4 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

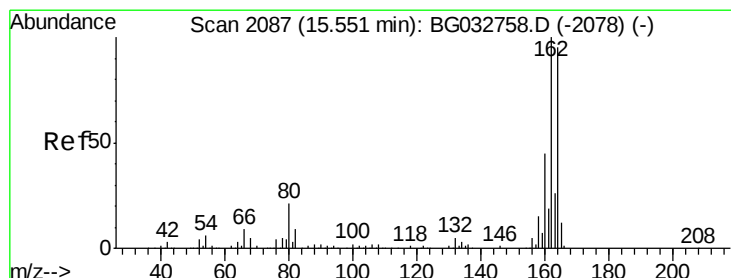
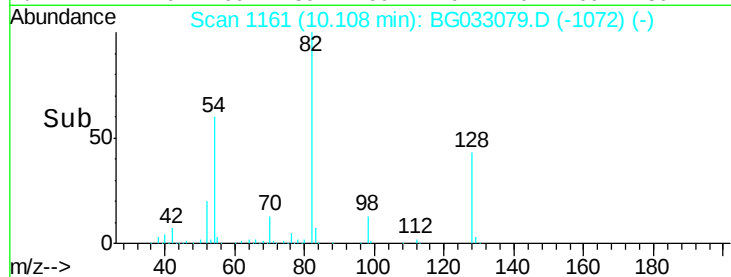
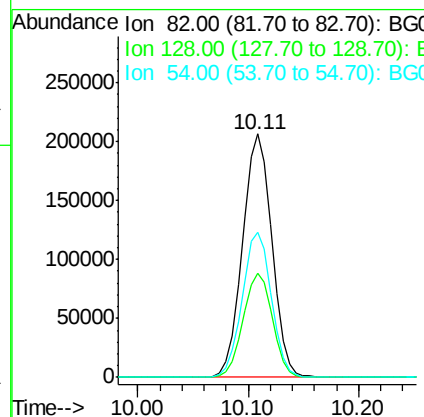
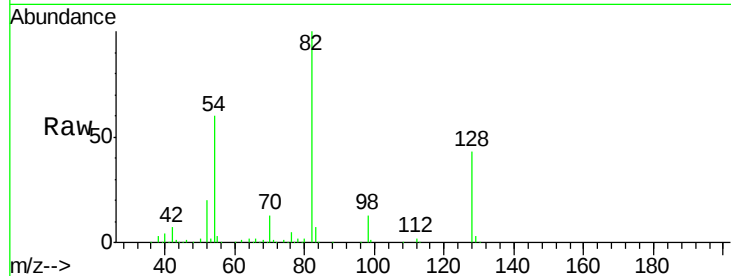




#23
 Nitrobenzene-d5
 Concen: 116.930 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033079.D
 Acq: 9 Mar 2018 19:23

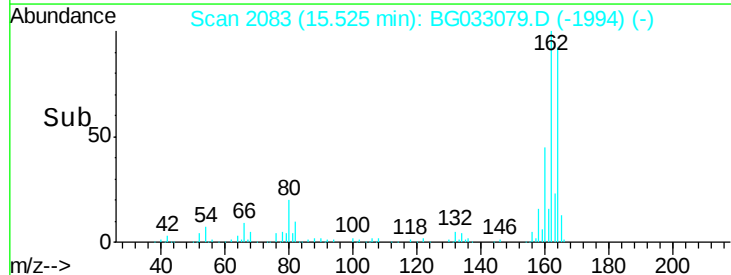
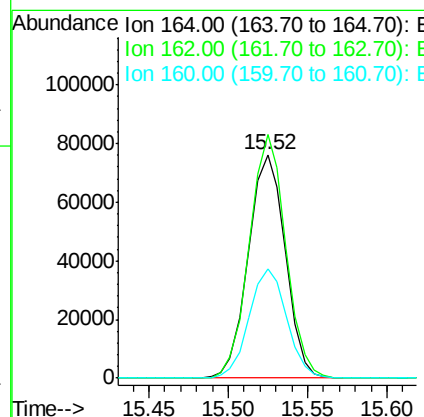
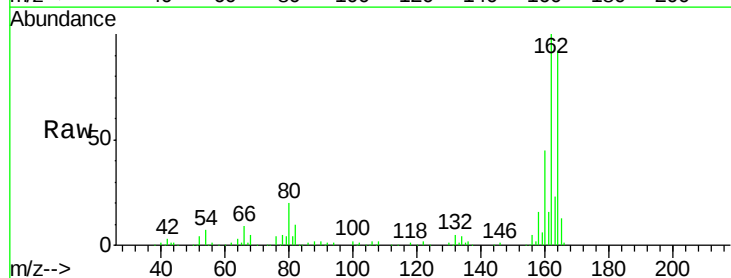
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMP

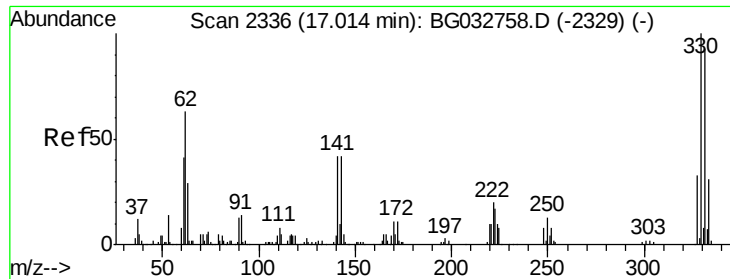
Tot Ion	82	Resp	386330
Ion Ratio	Lower	Upper	
82	100		
128	42.7	29.7	44.5
54	59.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG033079.D
 Acq: 9 Mar 2018 19:23

Tgt Ion	164	Resp	123340
Ion Ratio	Lower	Upper	
164	100		
162	108.8	78.8	118.2
160	48.7	35.4	53.0

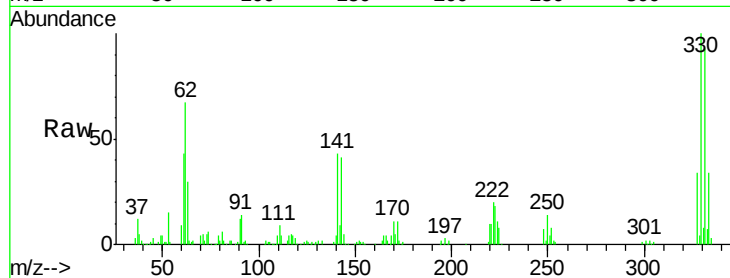




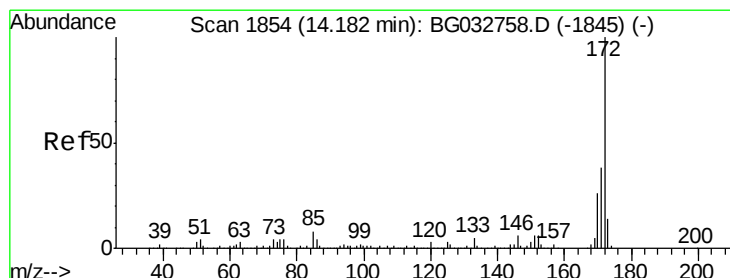
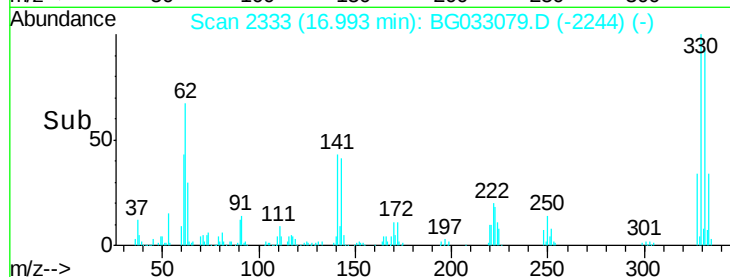
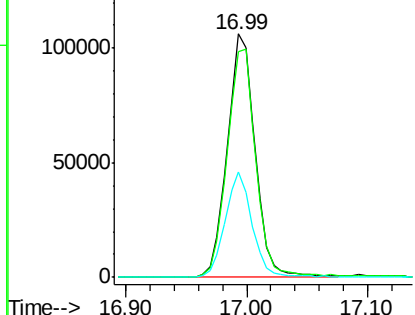
#41
 2,4,6-Tribromophenol
 Concen: 131.795 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033079.D
 Acq: 9 Mar 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMP

Tot Ion:330 Resp: 170922
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 41.7 25.2 37.8#

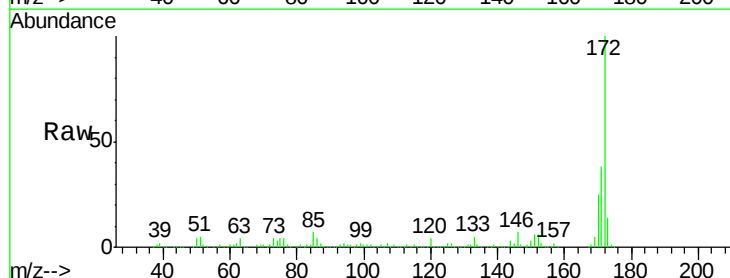


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

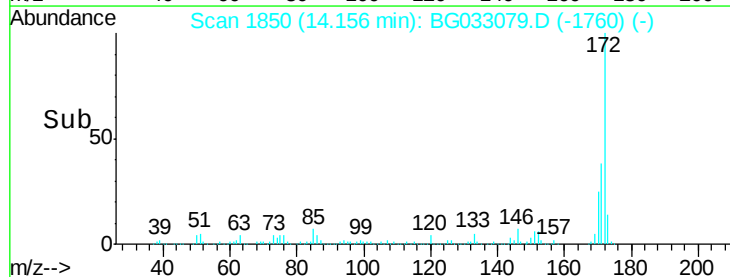
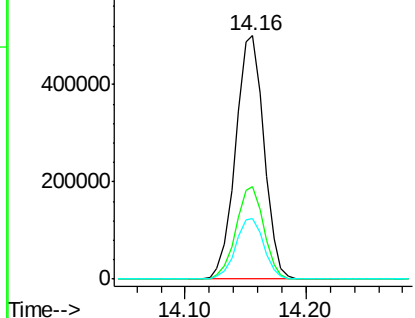


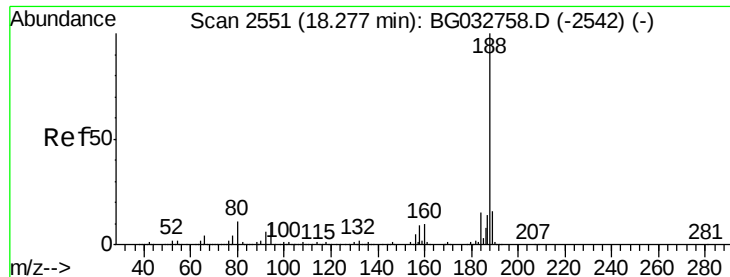
#44
 2-Fluorobiphenyl
 Concen: 95.968 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033079.D
 Acq: 9 Mar 2018 19:23

Tgt Ion:172 Resp: 820706
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.1 19.5 29.3



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

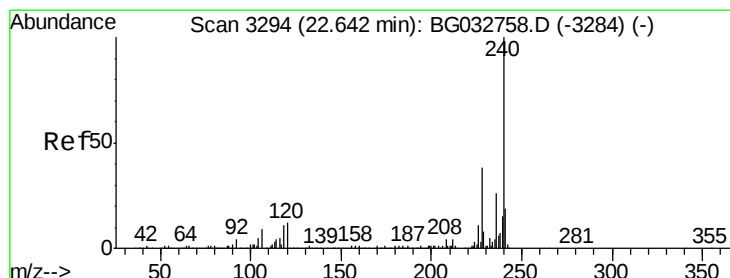
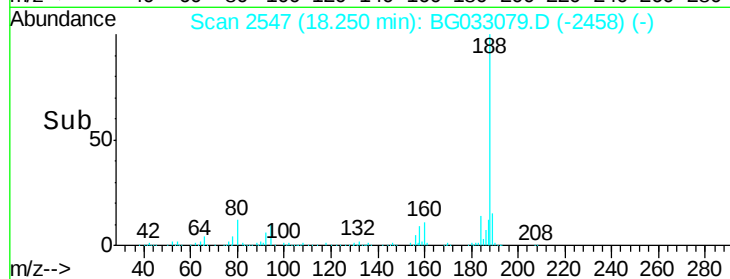
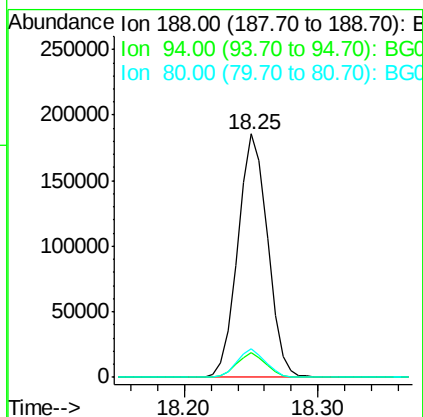
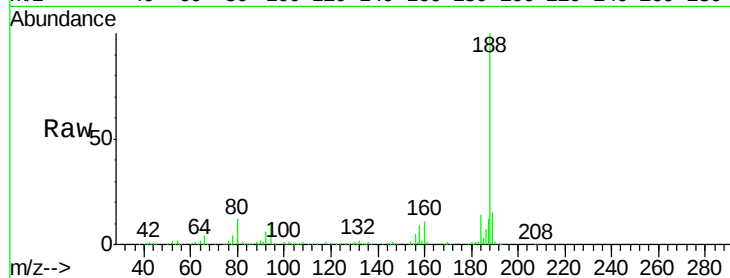




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

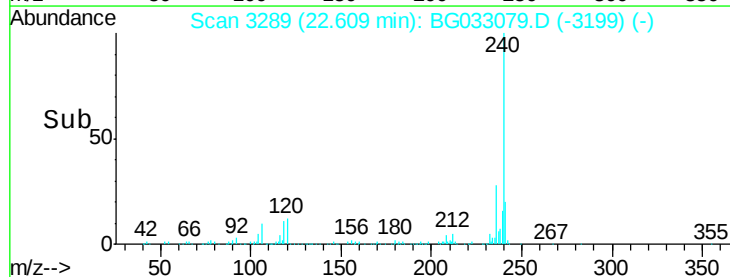
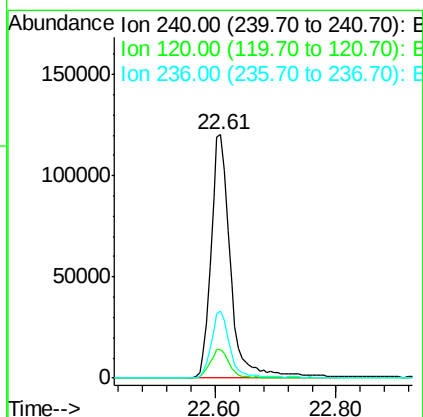
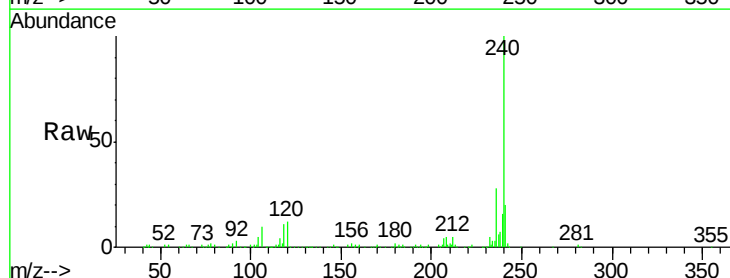
Instrument :
BNA_G
ClientSampleId :
TP-4-COMP

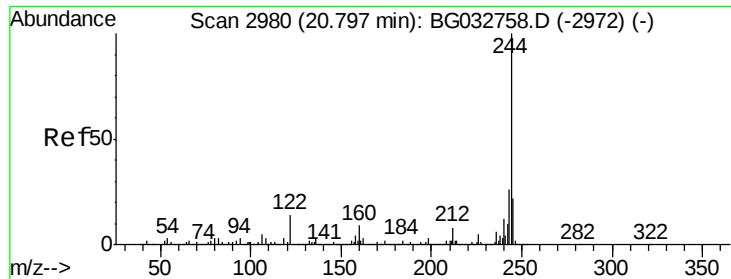
Tot Ion:188 Resp: 286309
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 11.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:240 Resp: 270159
Ion Ratio Lower Upper
240 100
120 11.9 6.8 10.2#
236 27.6 20.9 31.3





#78

Terphenyl-d14

Concen: 107.979 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033079.D

Acq: 9 Mar 2018 19:23

Instrument :

BNA_G

ClientSampleId :

TP-4-COMP

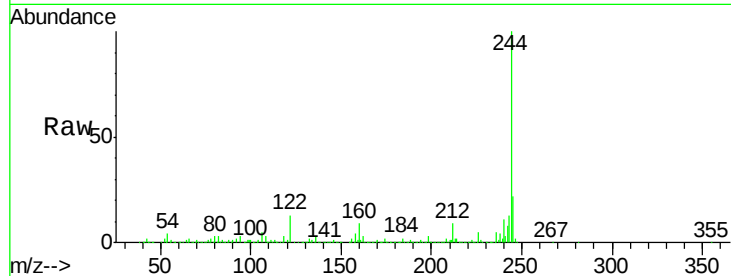
Tot Ion:244 Resp: 1298400

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

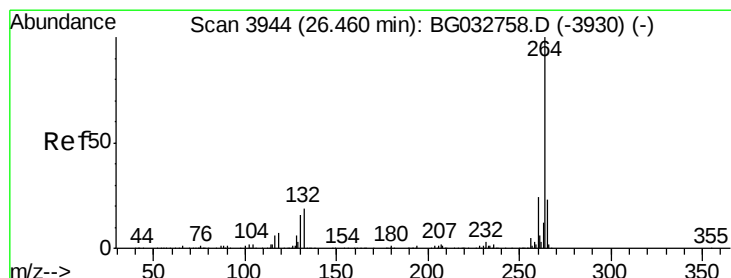
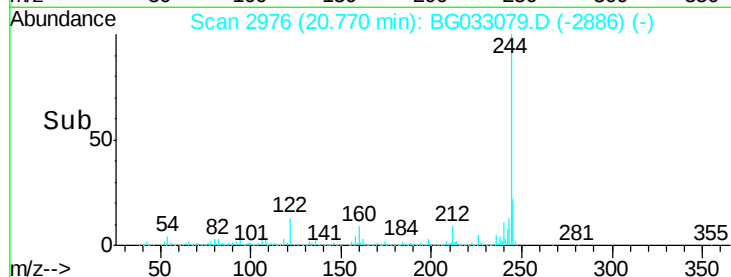
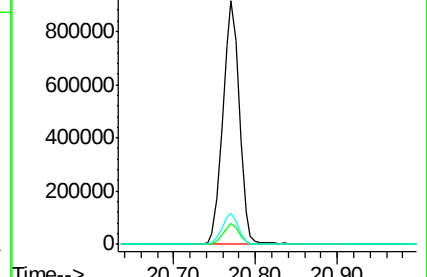
122 12.8 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033079.D

Acq: 9 Mar 2018 19:23

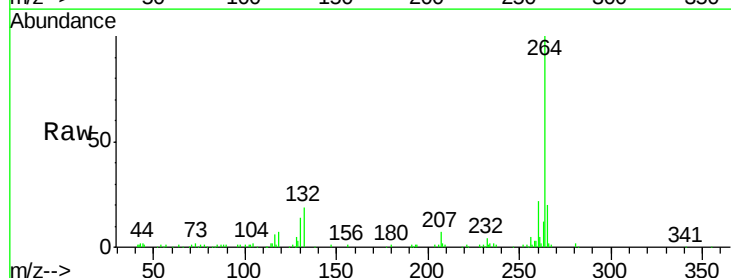
Tgt Ion:264 Resp: 225107

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 19.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

