

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033062.D
 Acq On : 9 Mar 2018 5:25
 Operator : SJ/JU
 Sample : J1826-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-COMP

Quant Time: Mar 09 07:34:32 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

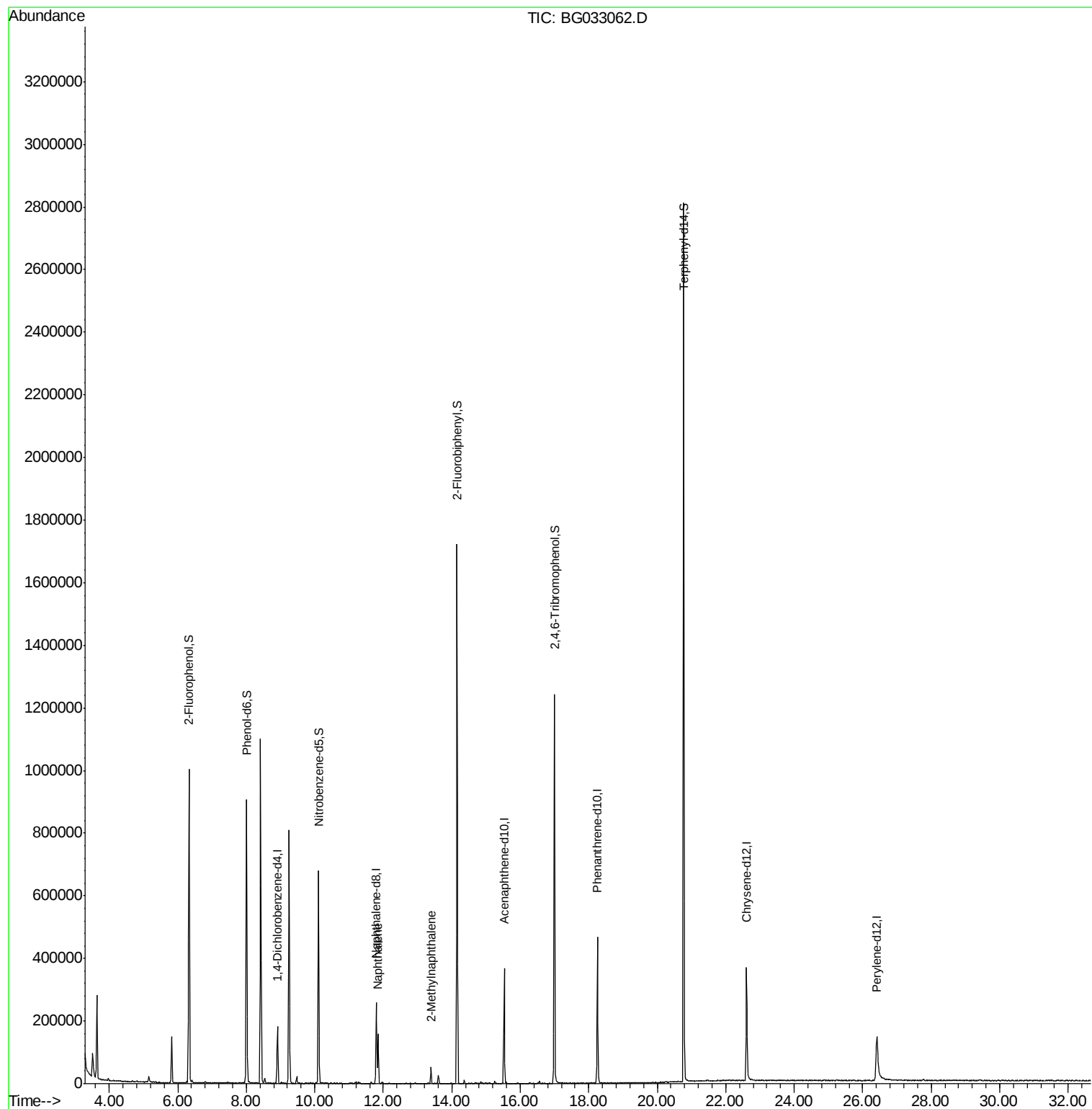
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	54253	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	227869	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	127339	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	285426	20.00	ng	0.00
75) Chrysene-d12	22.61	240	261529	20.00	ng	0.00
86) Perylene-d12	26.41	264	225575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	461387	136.06	ng	0.00
7) Phenol-d6	8.01	99	550546	116.47	ng	0.00
23) Nitrobenzene-d5	10.11	82	423186	123.76	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	229110	171.11	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	887971	100.57	ng	0.00
78) Terphenyl-d14	20.78	244	1322894	113.65	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	140404	11.792	ng	97
37) 2-Methylnaphthalene	13.40	142	25697	2.983	ng	90

(#) = 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
Response via : Initial Calibration



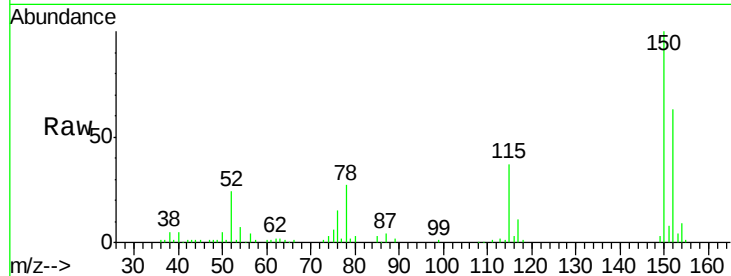


#1

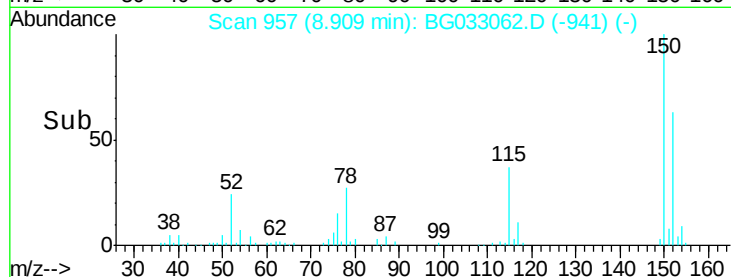
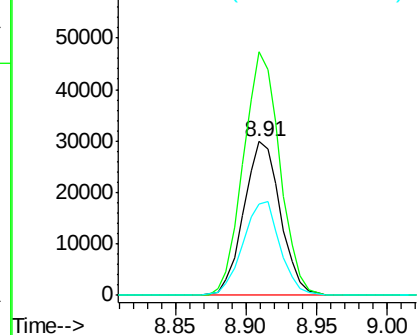
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

Instrument :
BNA_G
ClientSampleId :
TP-2-COMP

Tot Ion:152 Resp: 54253
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 59.0 53.0 79.4



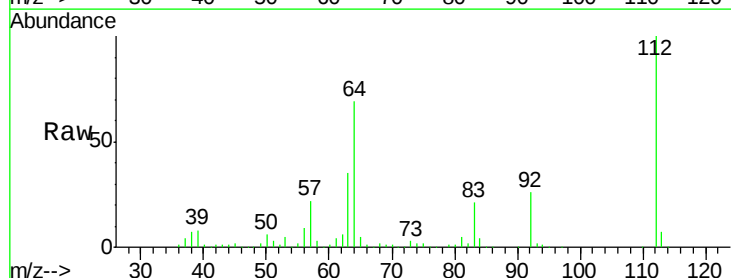
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



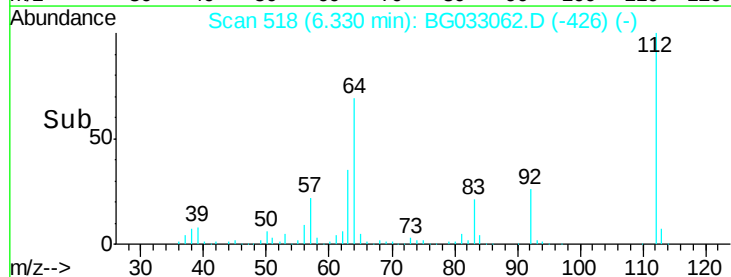
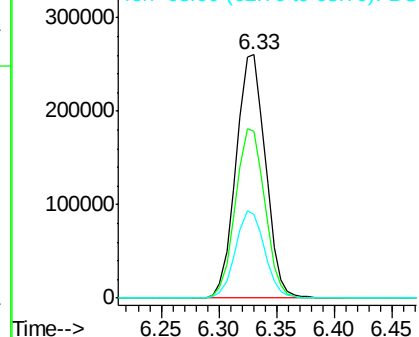
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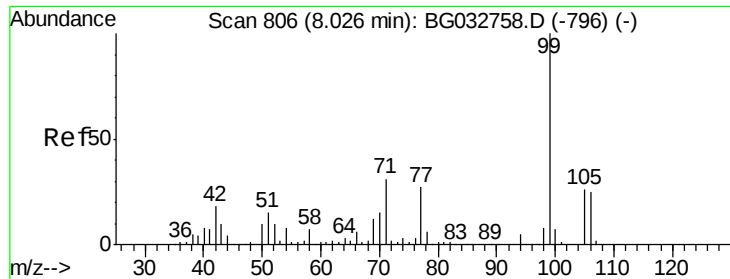
2-Fluorophenol
Concen: 136.057 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

Tgt Ion:112 Resp: 461387
Ion Ratio Lower Upper
112 100
64 68.7 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: 116.475 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033062.D

Acq: 9 Mar 2018 5:25

Instrument :

BNA_G

ClientSampleId :

TP-2-COMP

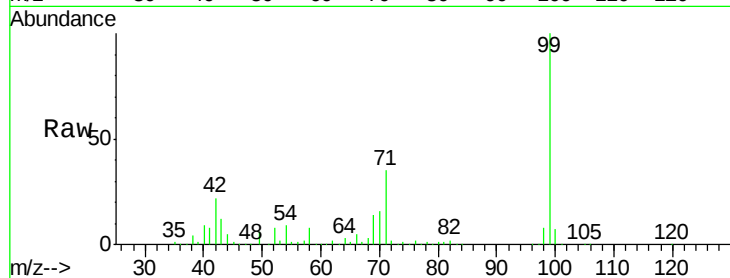
Tot Ion: 99 Resp: 550546

Ion Ratio Lower Upper

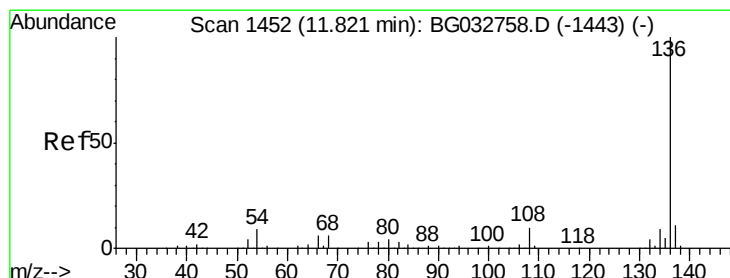
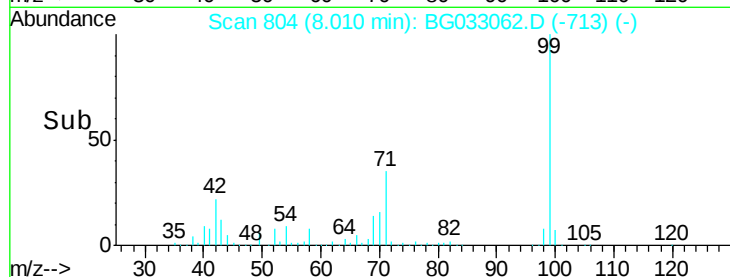
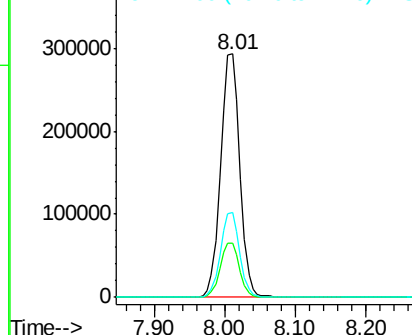
99 100

42 22.0 14.1 21.1#

71 34.7 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: BG033062.D

Acq: 9 Mar 2018 5:25

Tgt Ion: 136 Resp: 227869

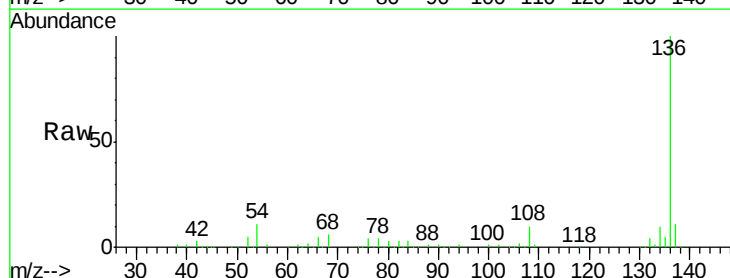
Ion Ratio Lower Upper

136 100

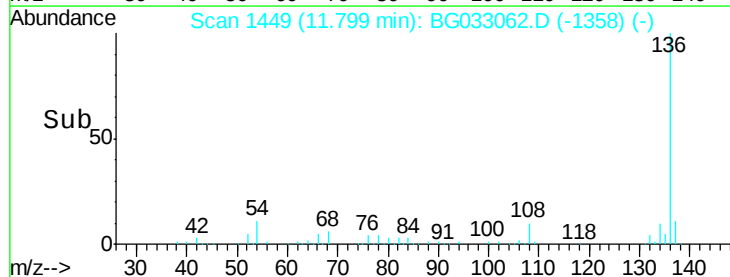
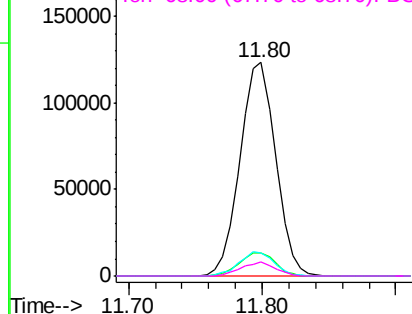
137 10.6 9.2 13.8

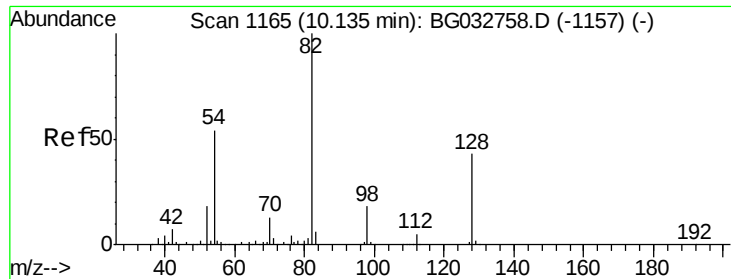
54 10.6 10.3 15.5

68 6.3 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

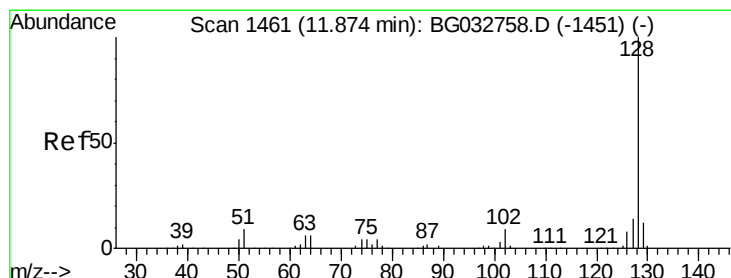
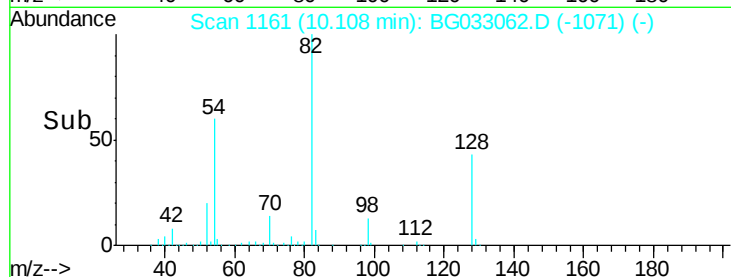
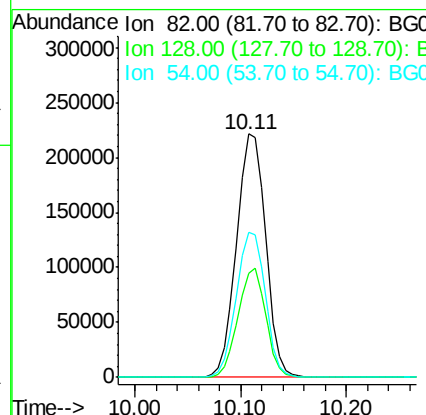
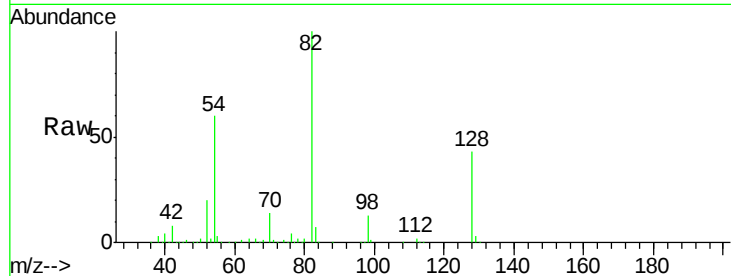




#23
Nitrobenzene-d5
Concen: 123.760 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

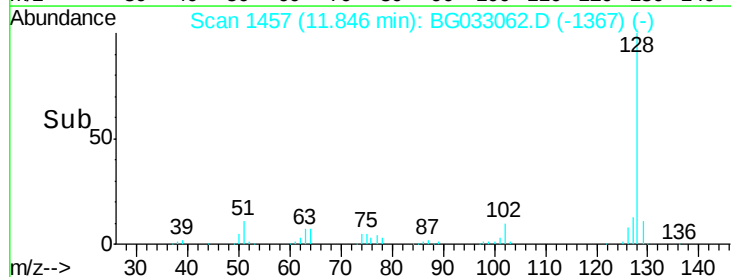
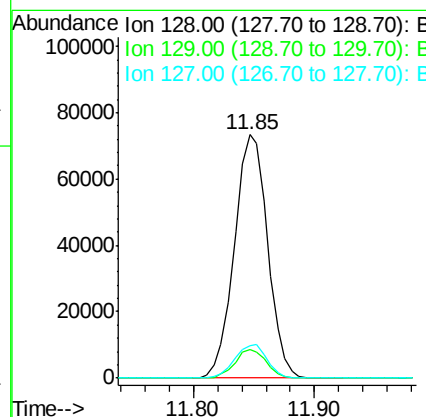
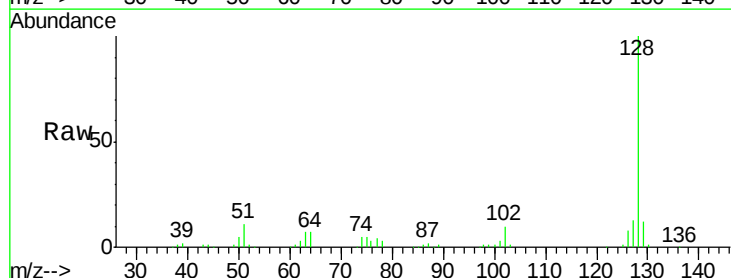
Instrument :
BNA_G
ClientSampleId :
TP-2-COMP

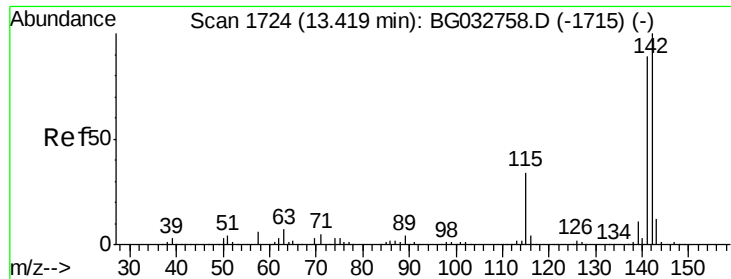
Tot Ion	82	Resp	423186
Ion Ratio	Lower	Upper	
82	100		
128	42.7	29.7	44.5
54	59.8	43.1	64.7



#31
Naphthalene
Concen: 11.792 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

Tgt Ion	128	Resp	140404
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.6	12.8
127	13.2	11.6	17.4

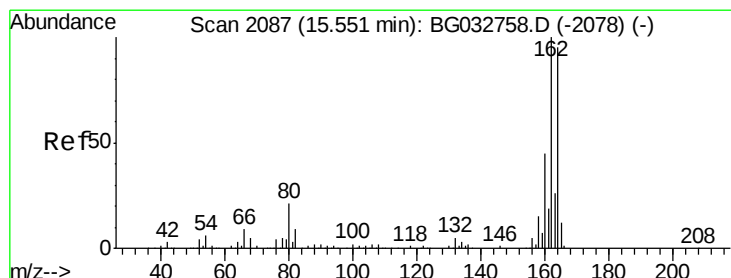
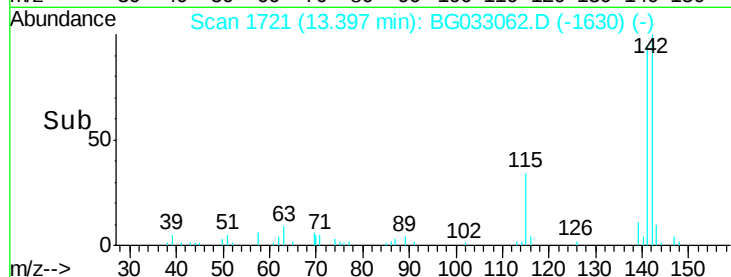
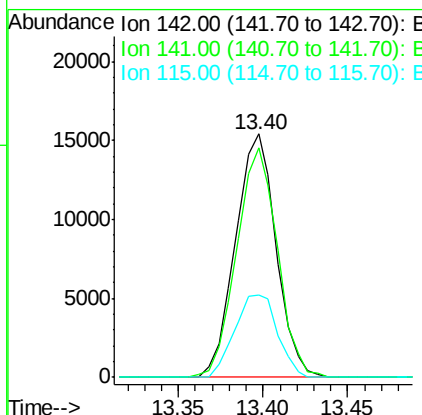
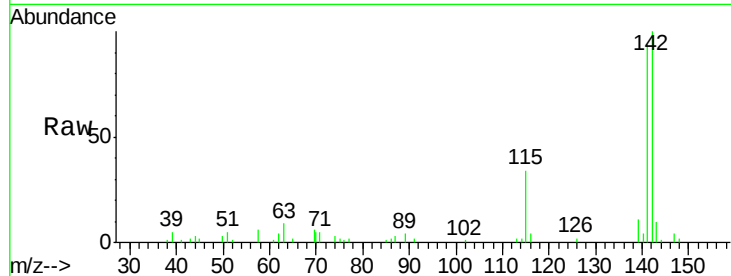




#37
2-Methylnaphthalene
Concen: 2.983 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

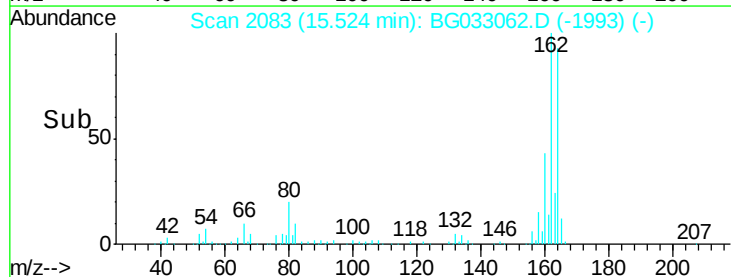
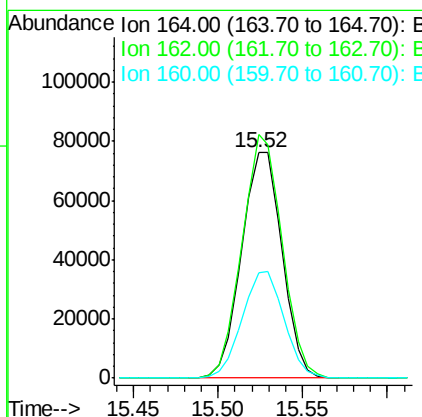
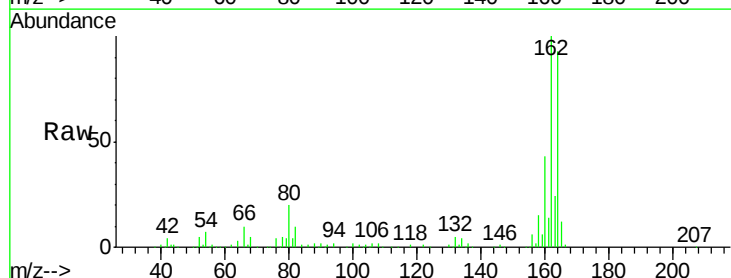
Instrument :
BNA_G
ClientSampleId :
TP-2-COMP

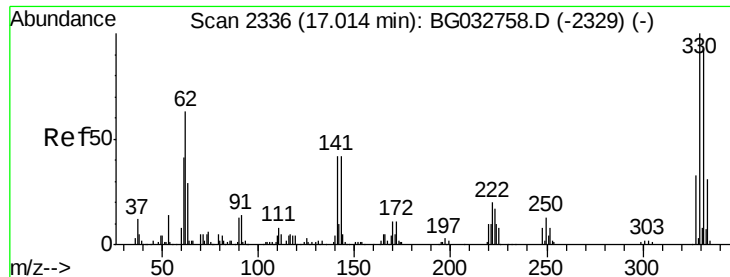
Tot Ion:142 Resp: 25697
Ion Ratio Lower Upper
142 100
141 94.4 67.1 100.7
115 33.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

Tgt Ion:164 Resp: 127339
Ion Ratio Lower Upper
164 100
162 107.9 78.8 118.2
160 46.6 35.4 53.0

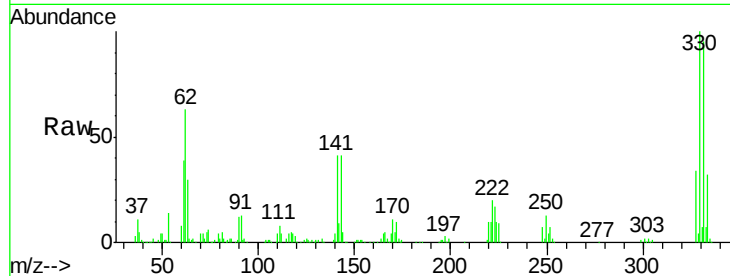




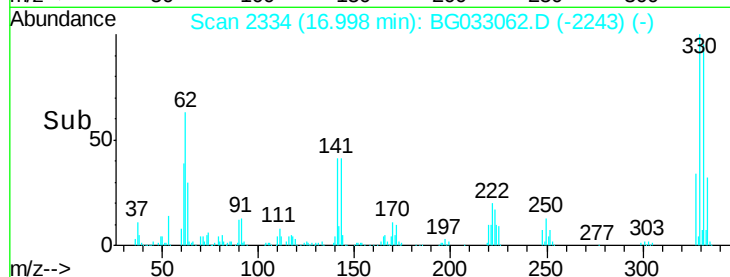
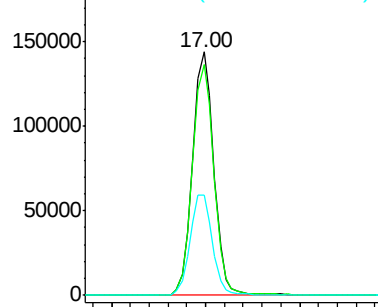
#41
 2,4,6-Tribromophenol
 Concen: 171.115 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033062.D
 Acq: 9 Mar 2018 5:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-COMP

Tot Ion:330 Resp: 229110
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 42.9 25.2 37.8#

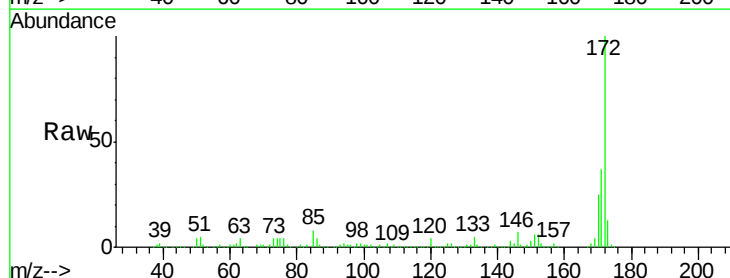


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

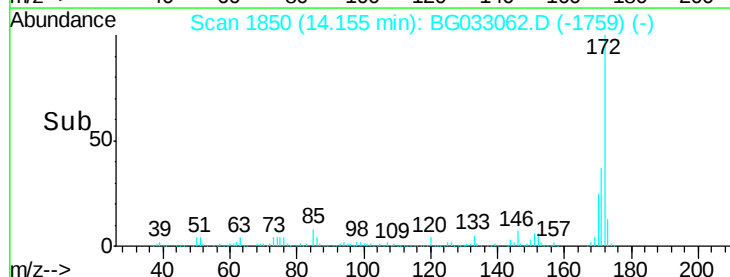
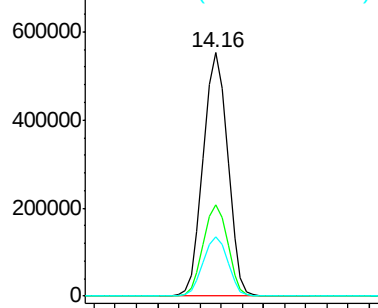


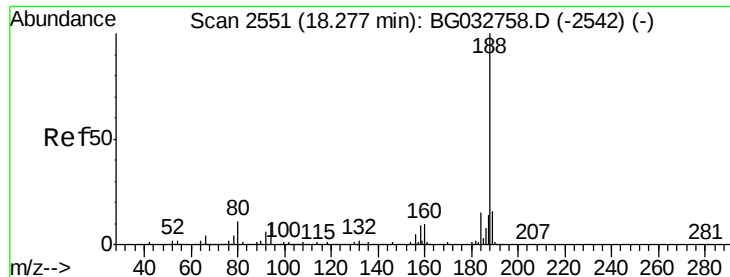
#44
 2-Fluorobiphenyl
 Concen: 100.572 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033062.D
 Acq: 9 Mar 2018 5:25

Tgt Ion:172 Resp: 887971
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.5 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

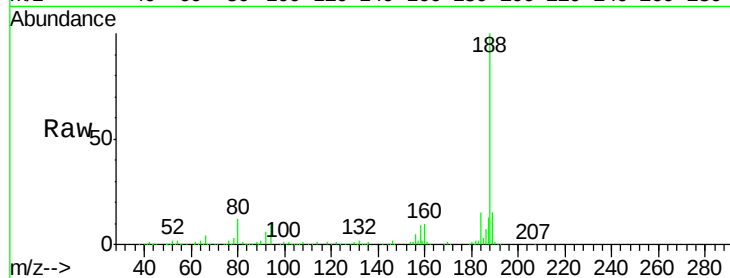




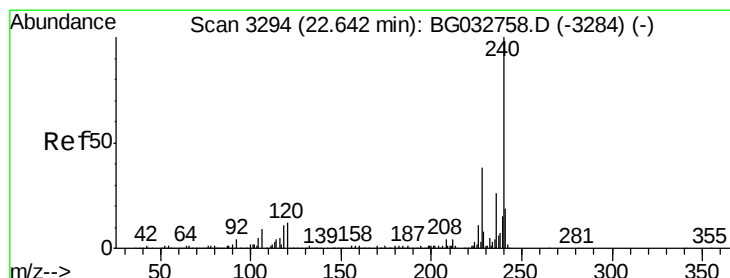
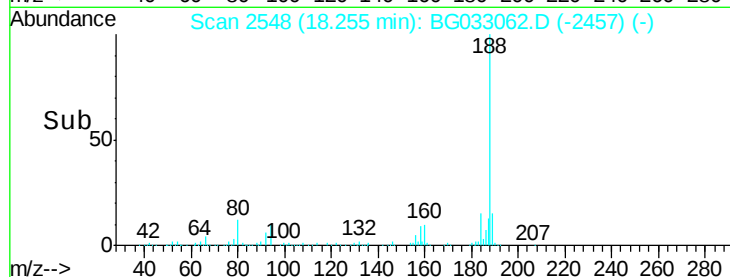
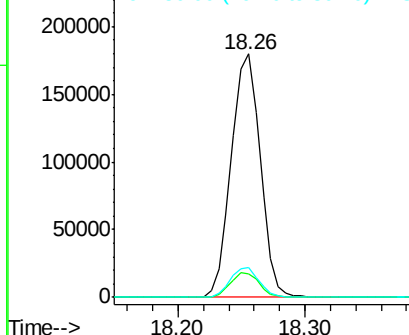
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

Instrument :
BNA_G
ClientSampleId :
TP-2-COMP

Tot Ion:188 Resp: 285426
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 12.2 7.7 11.5#

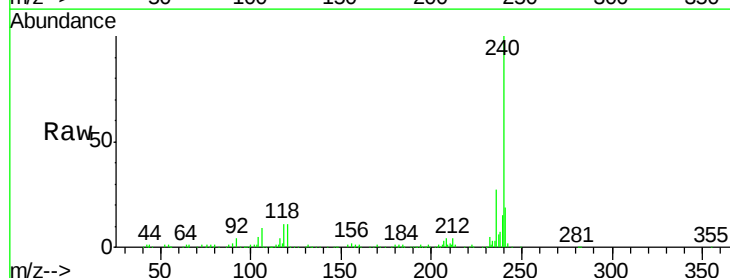


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

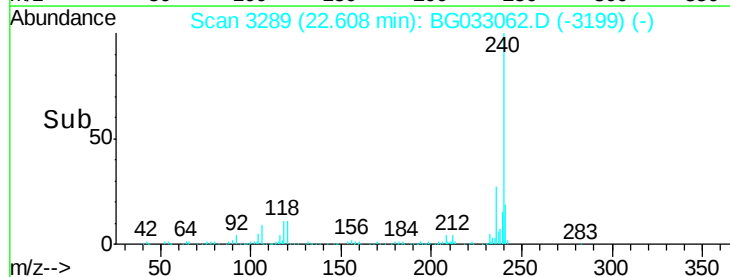
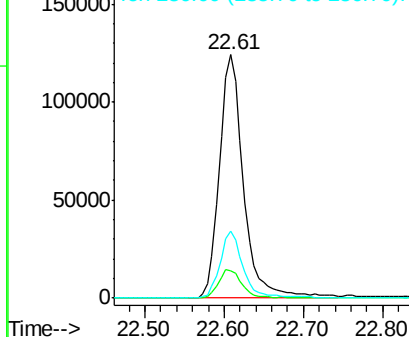


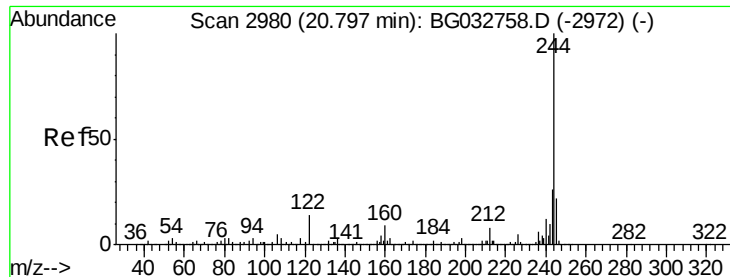
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033062.D
Acq: 9 Mar 2018 5:25

Tgt Ion:240 Resp: 261529
Ion Ratio Lower Upper
240 100
120 11.4 6.8 10.2#
236 27.5 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: 113.646 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.01 min

Lab File: BG033062.D

Acq: 9 Mar 2018 5:25

Instrument :

BNA_G

ClientSampleId :

TP-2-COMP

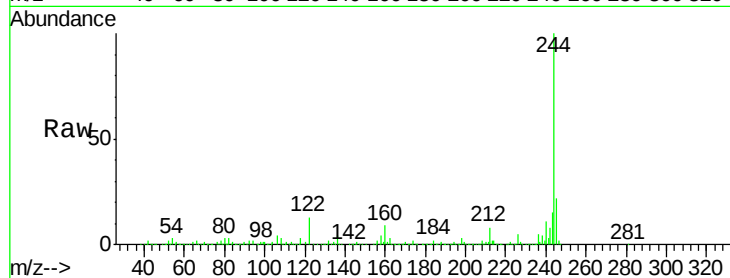
Tot Ion:244 Resp: 1322894

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

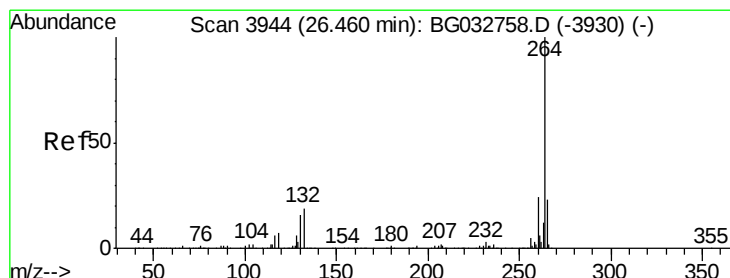
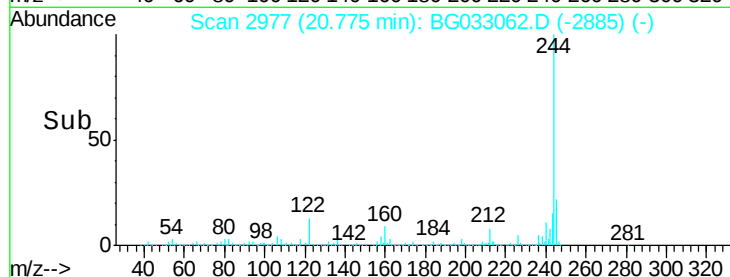
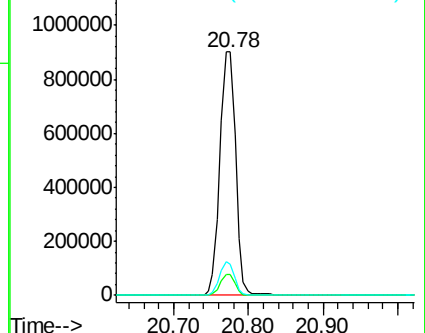
122 12.9 7.0 10.4#



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# 3937

Delta R.T. 0.01 min

Lab File: BG033062.D

Acq: 9 Mar 2018 5:25

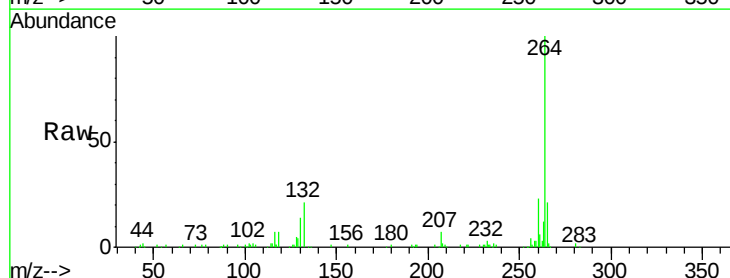
Tgt Ion:264 Resp: 225575

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.1 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

