

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033064.D
 Acq On : 9 Mar 2018 6:40
 Operator : SJ/JU
 Sample : J1826-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-B-COMP

Quant Time: Mar 09 07:39:31 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

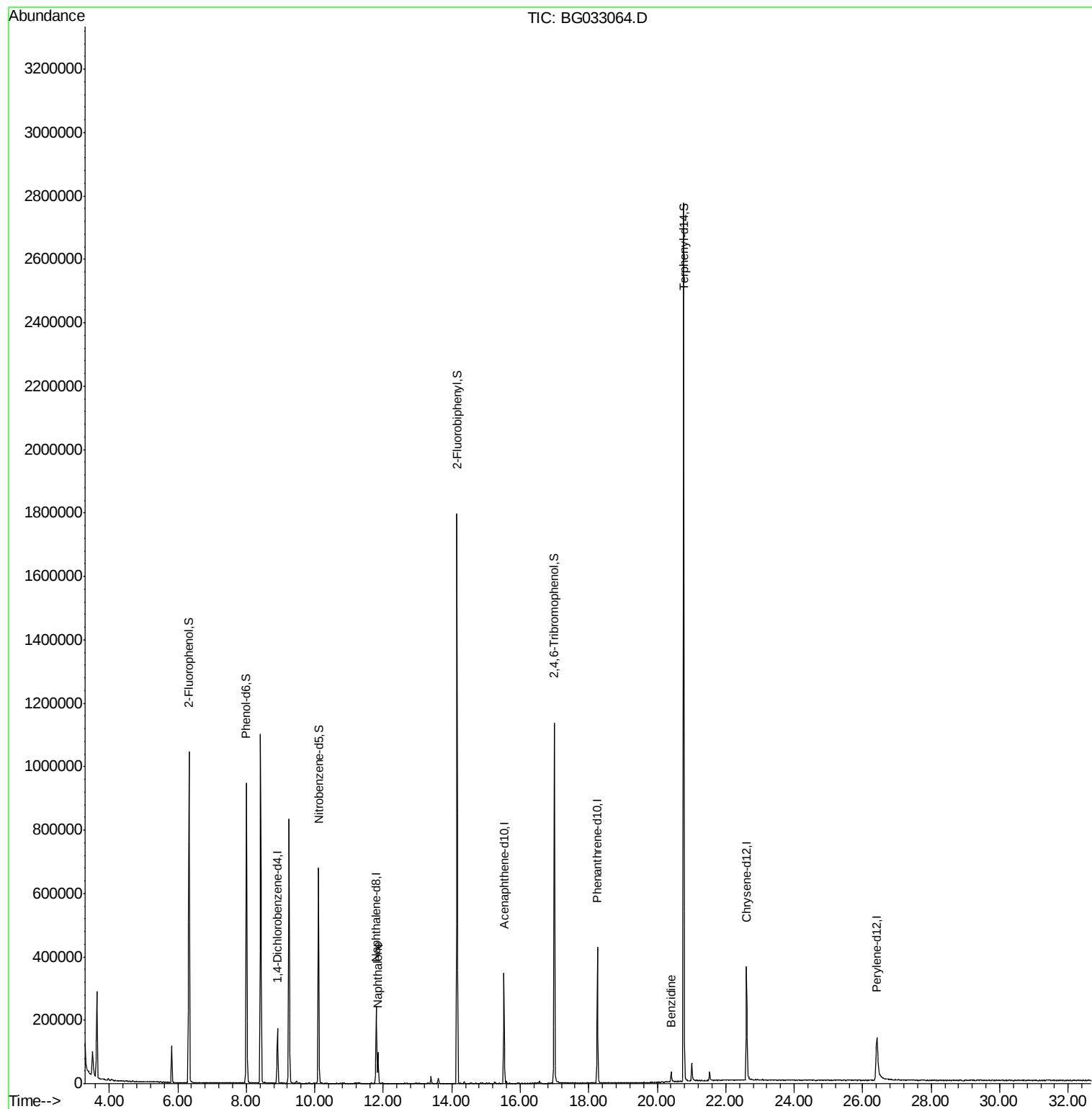
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	49865	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	216517	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	117186	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	264824	20.00	ng	0.00
75) Chrysene-d12	22.61	240	255039	20.00	ng	0.00
86) Perylene-d12	26.42	264	222859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	480959	154.31	ng	0.00
7) Phenol-d6	8.00	99	578589	133.18	ng	0.00
23) Nitrobenzene-d5	10.11	82	426583	130.69	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	209723	170.21	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	898091	110.53	ng	0.00
78) Terphenyl-d14	20.77	244	1304585	114.93	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	85850	7.588	ng	100
76) Benzidine	20.41	184	28377	3.264	ng	97

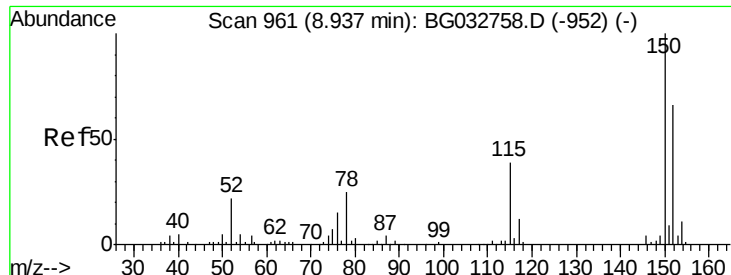
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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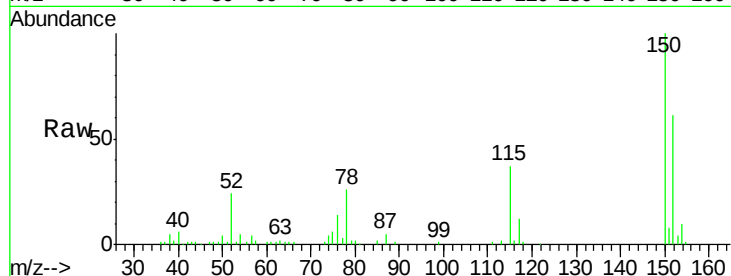


#1

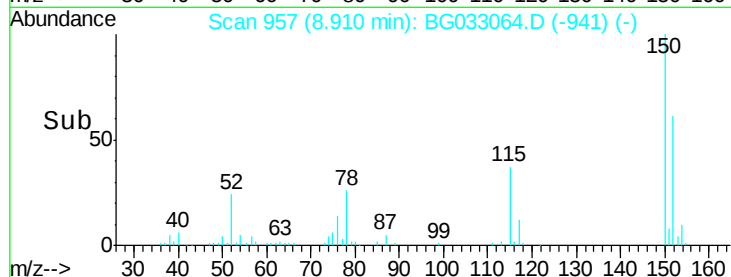
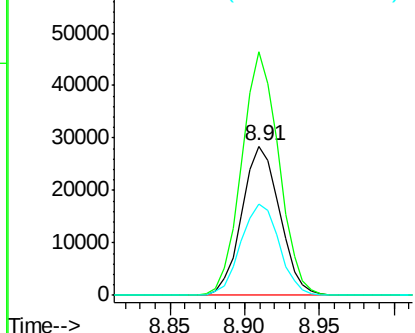
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033064.D
Acq: 9 Mar 2018 6:40

Instrument :
BNA_G
ClientSampleId :
TP-3-B-COMP

Tot Ion:152 Resp: 49865
Ion Ratio Lower Upper
152 100
150 163.1 126.6 189.8
115 60.9 53.0 79.4



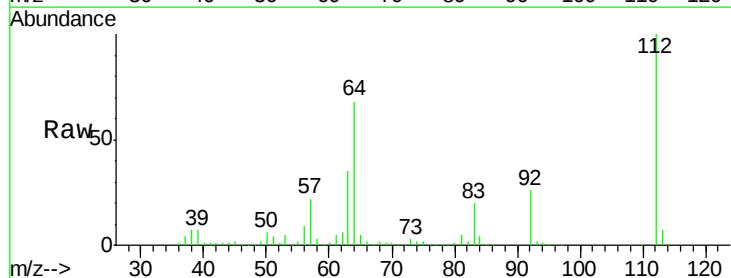
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



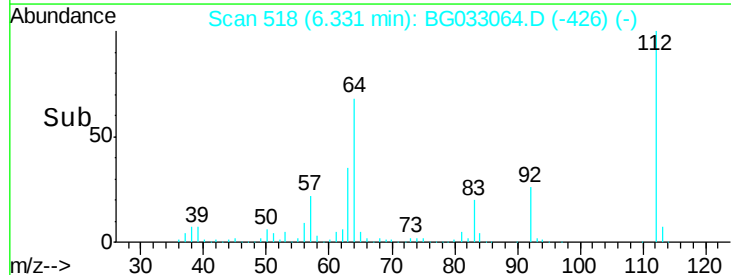
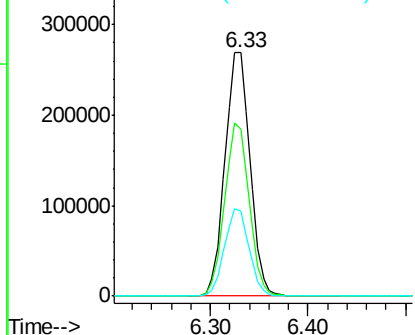
#5

2-Fluorophenol
Concen: 154.310 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033064.D
Acq: 9 Mar 2018 6:40

Tgt Ion:112 Resp: 480959
Ion Ratio Lower Upper
112 100
64 68.4 56.3 84.5
63 34.7 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: 133.179 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033064.D

Acq: 9 Mar 2018 6:40

Instrument :

BNA_G

ClientSampleId :

TP-3-B-COMP

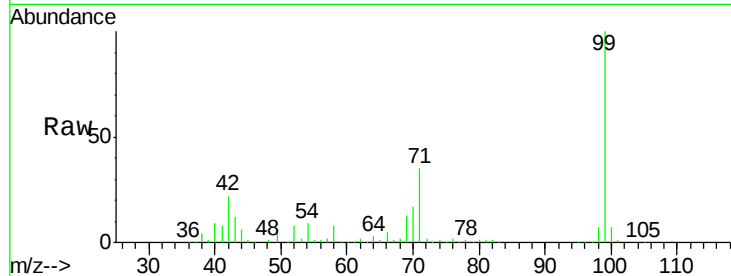
Tot Ion: 99 Resp: 578589

Ion Ratio Lower Upper

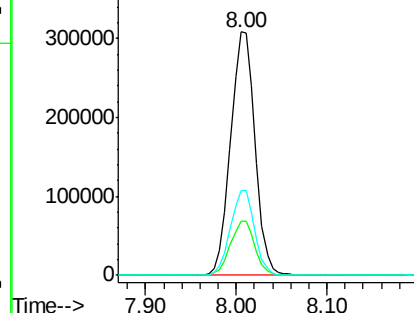
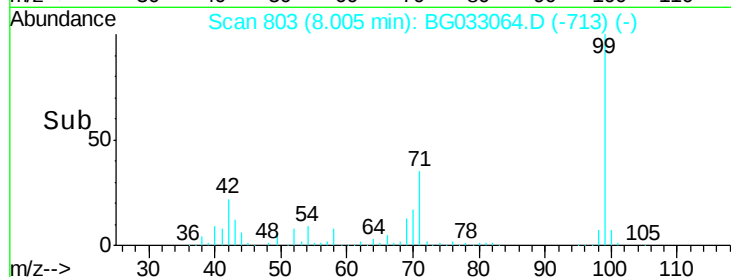
99 100

42 22.4 14.1 21.1#

71 34.8 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. -0.00 min

Lab File: BG033064.D

Acq: 9 Mar 2018 6:40

Tgt Ion: 136 Resp: 216517

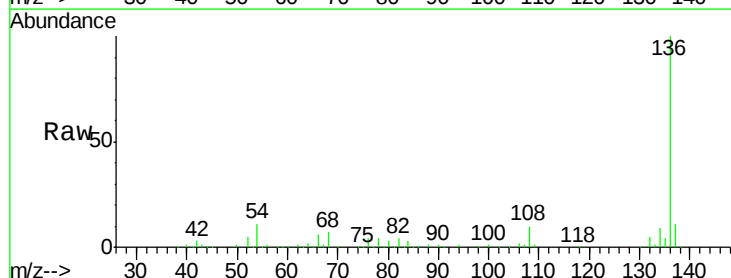
Ion Ratio Lower Upper

136 100

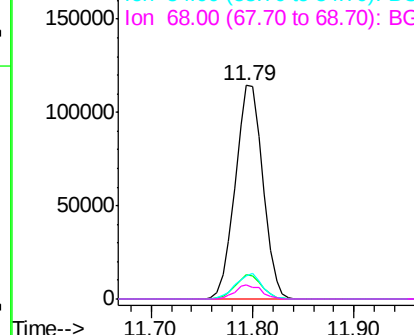
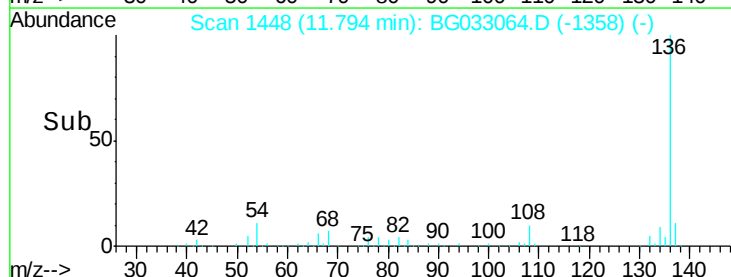
137 11.5 9.2 13.8

54 10.9 10.3 15.5

68 6.5 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

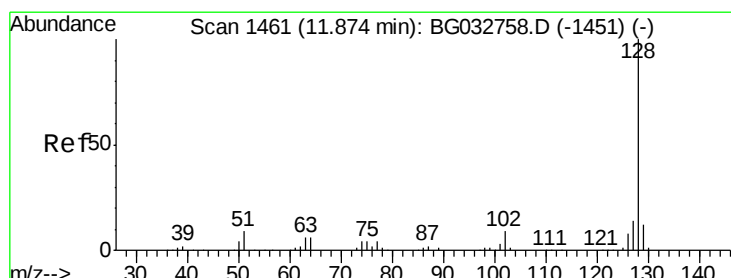
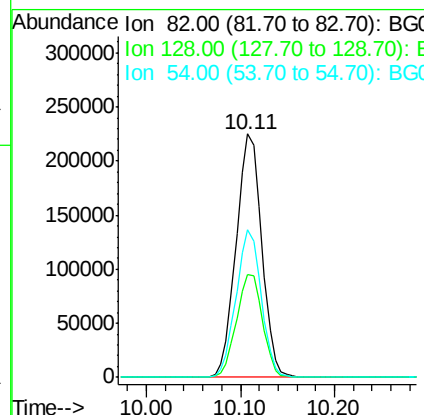
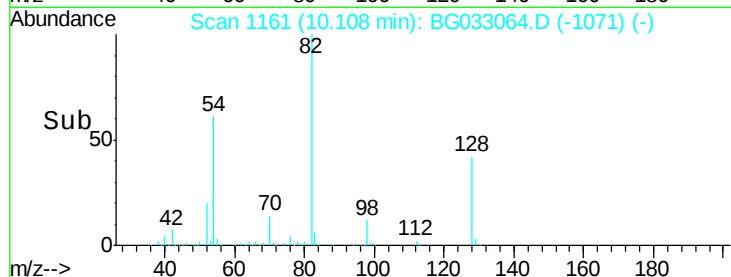
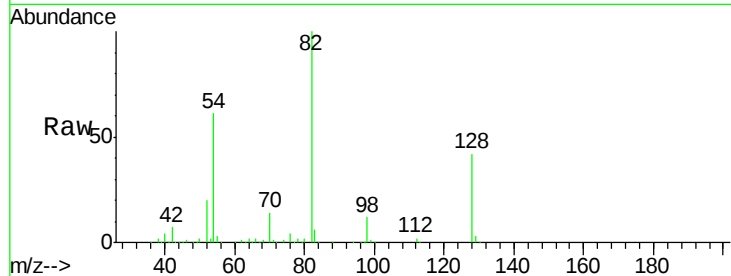




#23
 Nitrobenzene-d5
 Concen: 130.691 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033064.D
 Acq: 9 Mar 2018 6:40

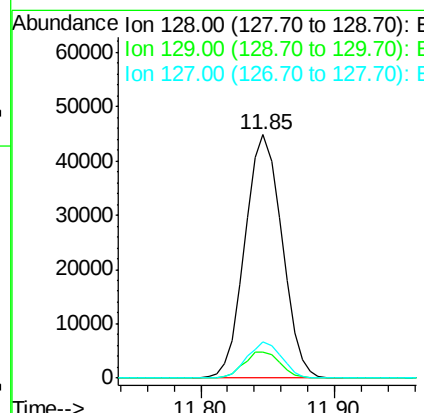
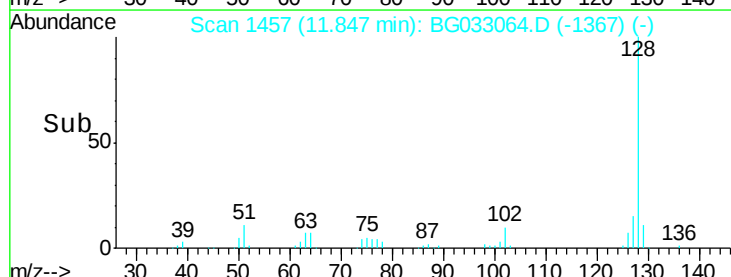
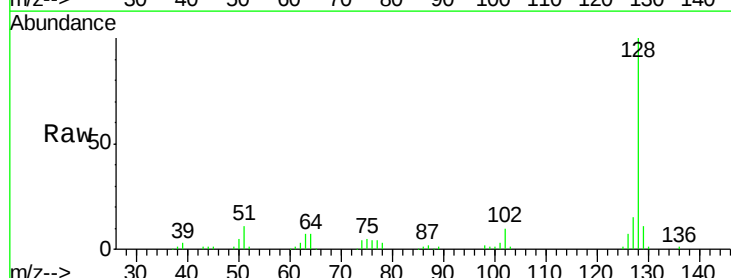
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-B-COMP

Tot Ion: 82 Resp: 426583
 Ion Ratio Lower Upper
 82 100
 128 42.1 29.7 44.5
 54 60.7 43.1 64.7



#31
 Naphthalene
 Concen: 7.588 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BG033064.D
 Acq: 9 Mar 2018 6:40

Tgt Ion: 128 Resp: 85850
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 12.8
 127 14.8 11.6 17.4

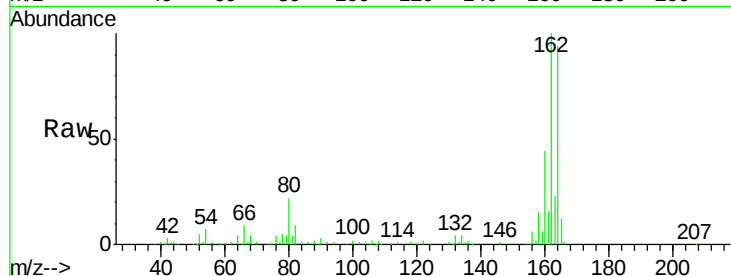




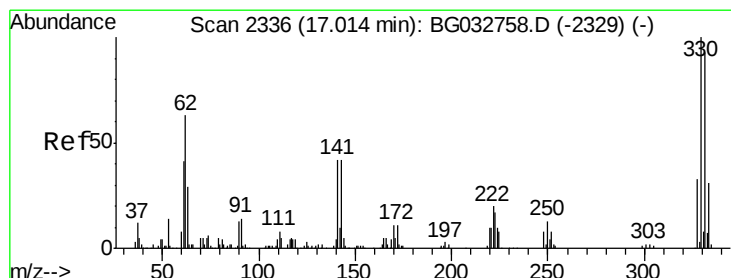
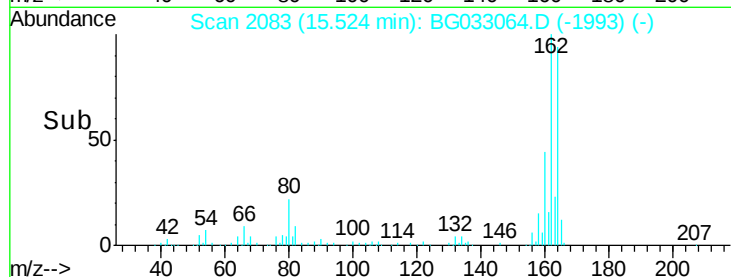
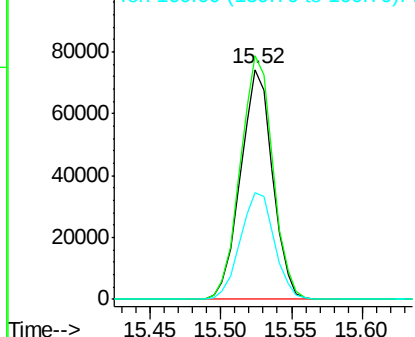
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033064.D
Acq: 9 Mar 2018 6:40

Instrument :
BNA_G
ClientSampleId :
TP-3-B-COMP

Tot Ion:164 Resp: 117186
Ion Ratio Lower Upper
164 100
162 105.9 78.8 118.2
160 46.6 35.4 53.0

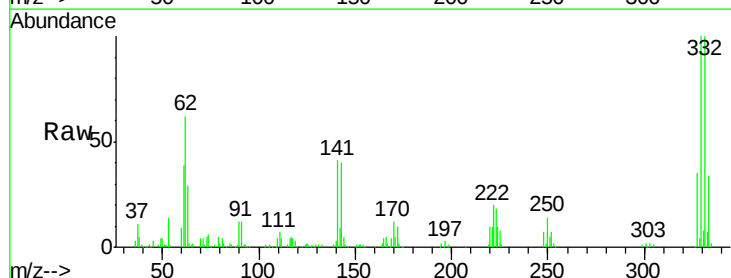


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

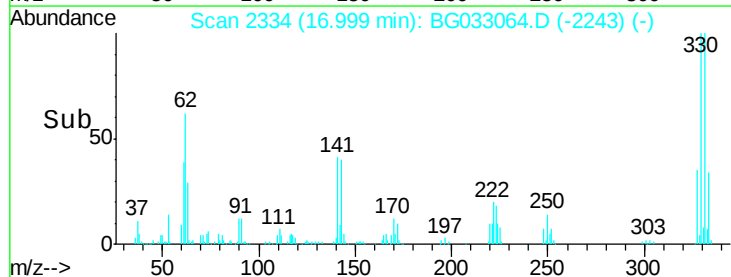
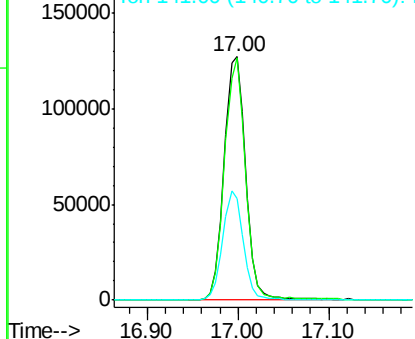


#41
2,4,6-Tribromophenol
Concen: 170.206 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.00 min
Lab File: BG033064.D
Acq: 9 Mar 2018 6:40

Tgt Ion:330 Resp: 209723
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 43.3 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

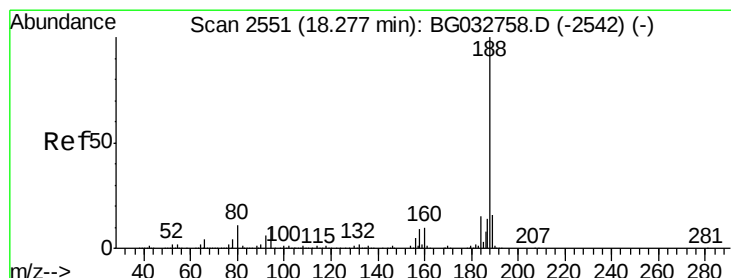
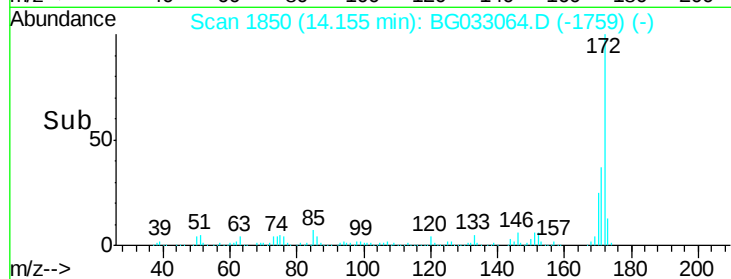
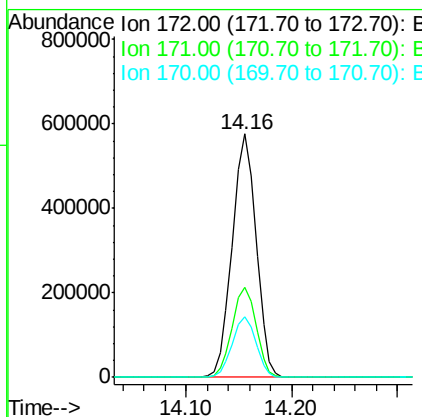
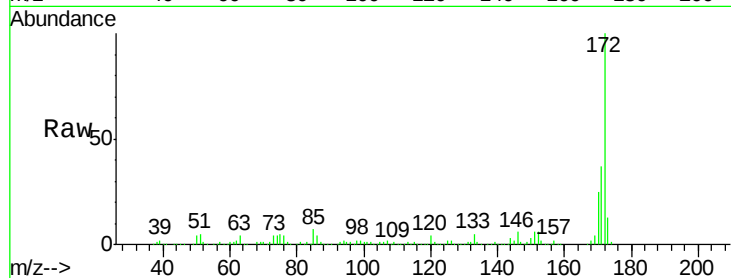




#44
 2-Fluorobiphenyl
 Concen: 110.531 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033064.D
 Acq: 9 Mar 2018 6:40

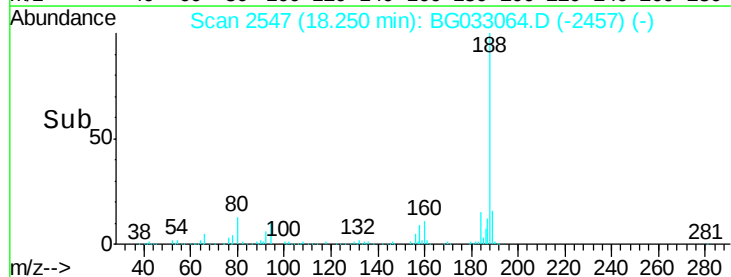
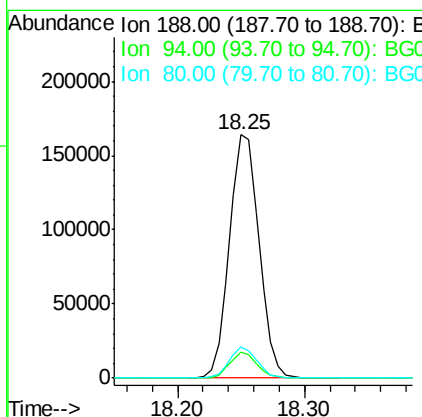
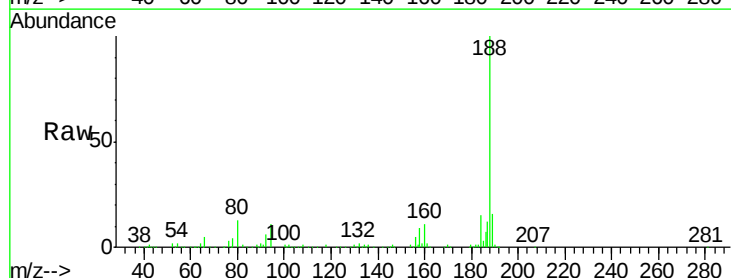
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-B-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.8	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: BG033064.D
 Acq: 9 Mar 2018 6:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	12.5	7.7	11.5#

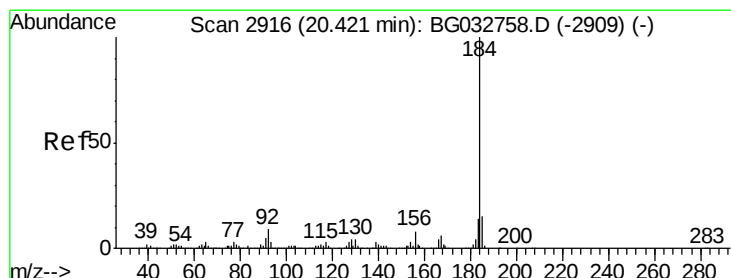
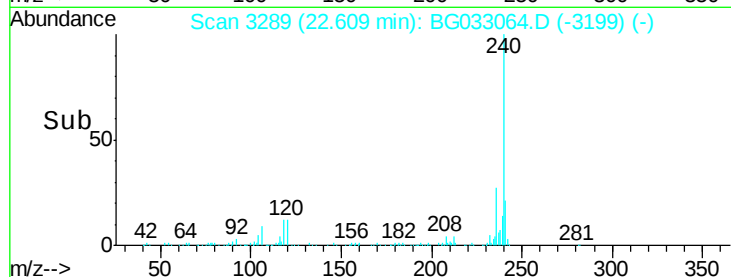
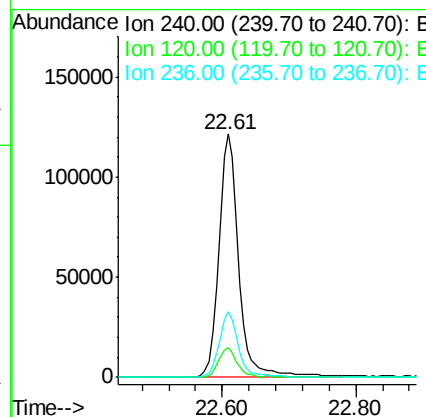
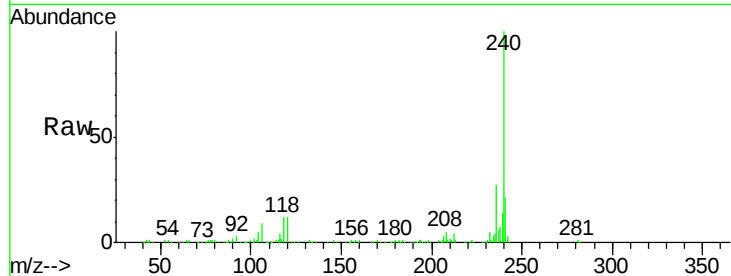




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033064.D
 Acq: 9 Mar 2018 6:40

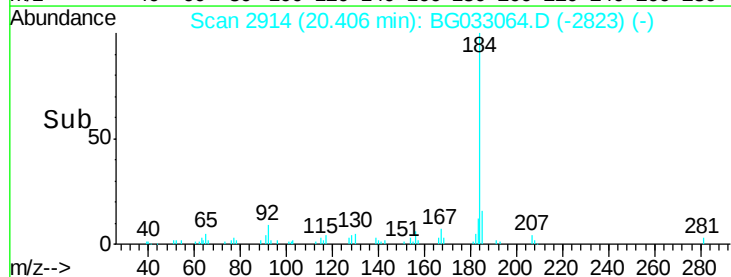
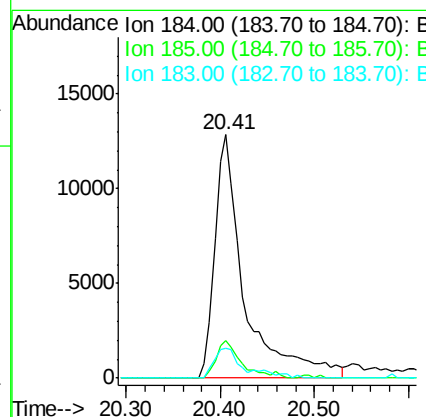
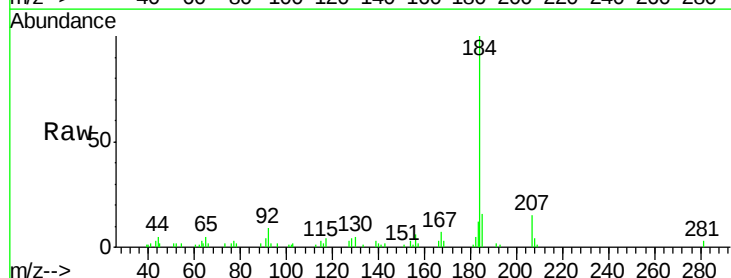
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-B-COMP

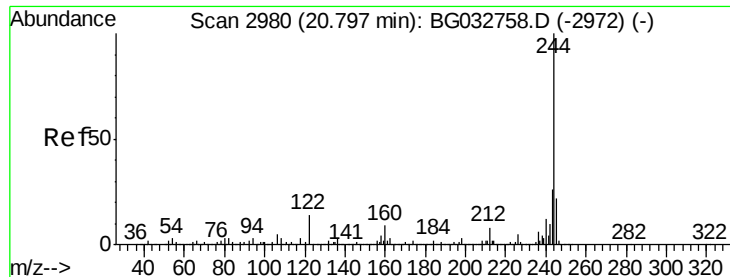
Tot Ion:240 Resp: 255039
 Ion Ratio Lower Upper
 240 100
 120 12.2 6.8 10.2#
 236 27.1 20.9 31.3



#76
 Benzidine
 Concen: 3.264 ng
 RT: 20.41 min Scan# 2914
 Delta R.T. 0.00 min
 Lab File: BG033064.D
 Acq: 9 Mar 2018 6:40

Tgt Ion:184 Resp: 28377
 Ion Ratio Lower Upper
 184 100
 185 15.6 11.1 16.7
 183 12.2 10.6 16.0





#78

Terphenyl-d14

Concen: 114.925 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033064.D

Acq: 9 Mar 2018 6:40

Instrument :

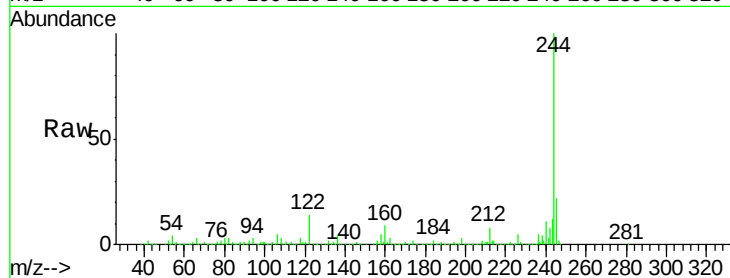
BNA_G

ClientSampleId :

TP-3-B-COMP

Tot Ion:244 Resp: 1304585

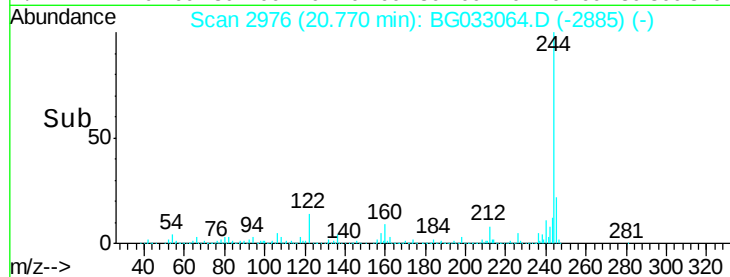
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	13.6	7.0	10.4



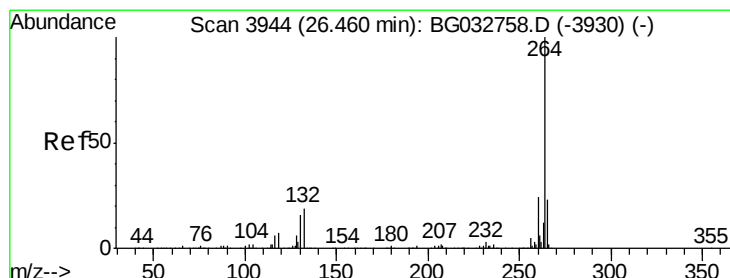
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.42 min Scan# 3937

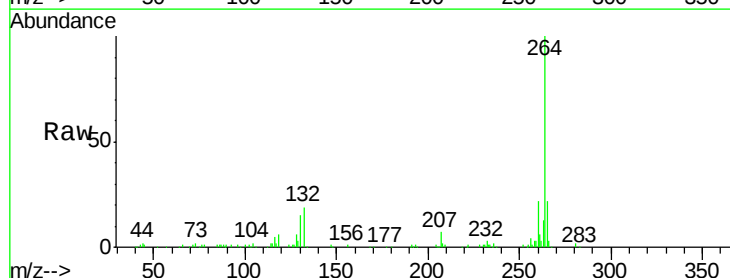
Delta R.T. 0.01 min

Lab File: BG033064.D

Acq: 9 Mar 2018 6:40

Tgt Ion:264 Resp: 222859

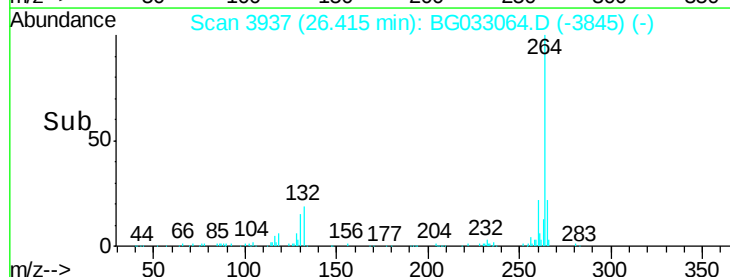
Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	21.6	17.7	26.5



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



Time-->