

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033139.D
 Acq On : 14 Mar 2018 6:36
 Operator : SJ/JU
 Sample : J1898-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10-COMP

Quant Time: Mar 14 12:02:45 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

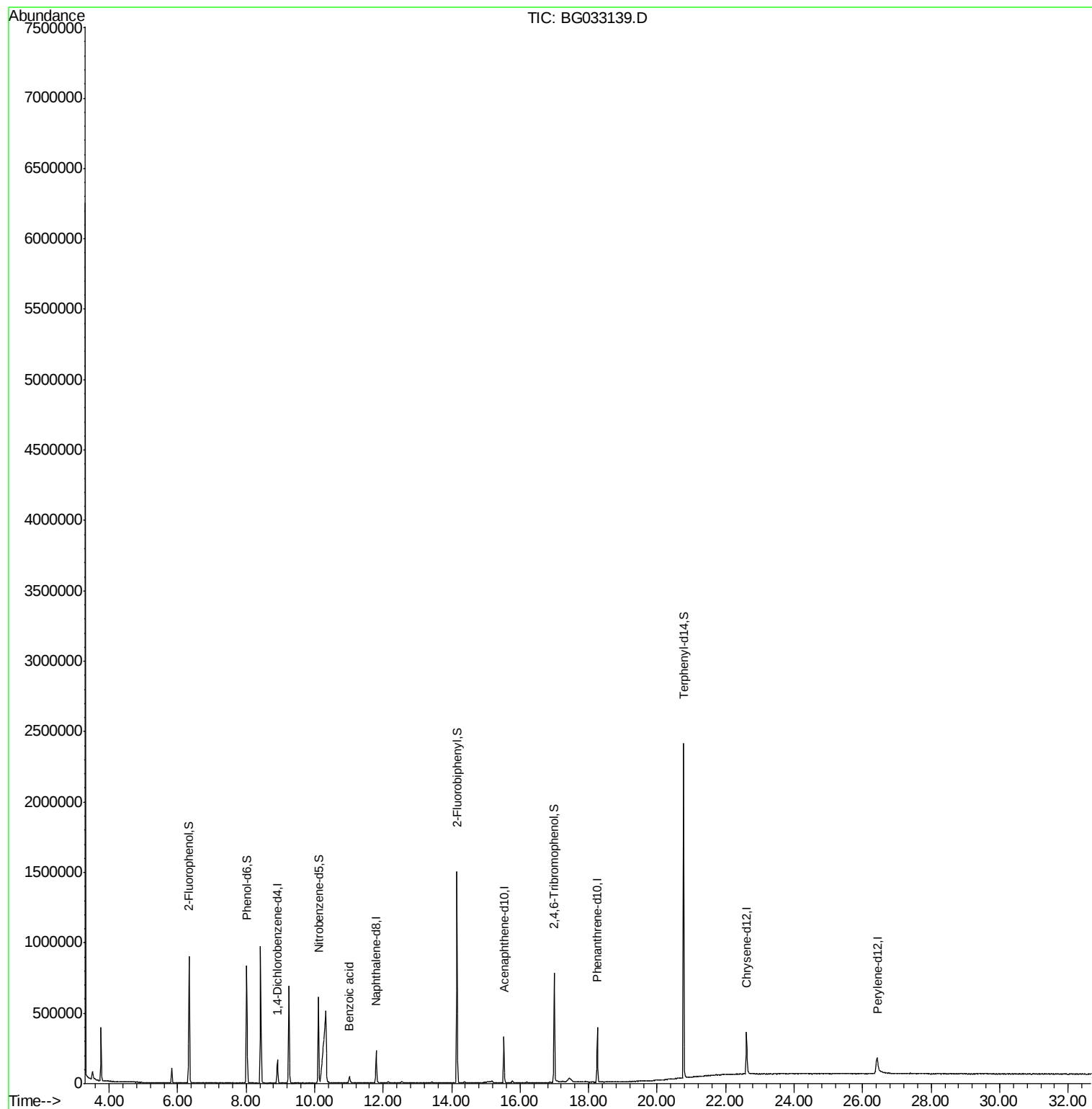
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	46291	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	203075	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	112512	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	239785	20.00	ng	0.00
75) Chrysene-d12	22.61	240	223235	20.00	ng	0.00
86) Perylene-d12	26.42	264	196079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	407364	140.79	ng	0.00
7) Phenol-d6	8.02	99	506132	125.50	ng	0.01
23) Nitrobenzene-d5	10.11	82	374880	123.08	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	150228	126.99	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	773141	99.11	ng	0.00
78) Terphenyl-d14	20.77	244	1140155	114.75	ng	0.00
Target Compounds						
32) Benzoic acid	11.01	122	21744	18.201	ng	Qvalue 86

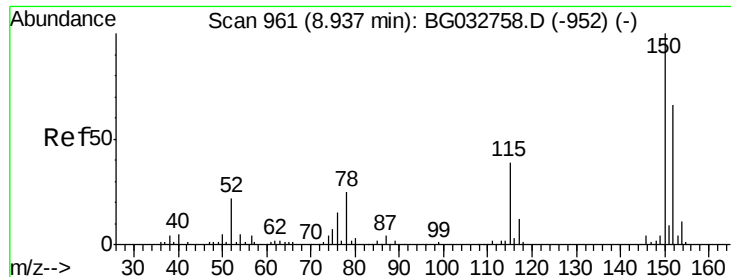
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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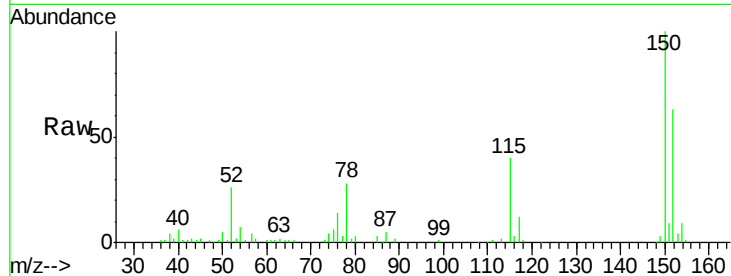


#1

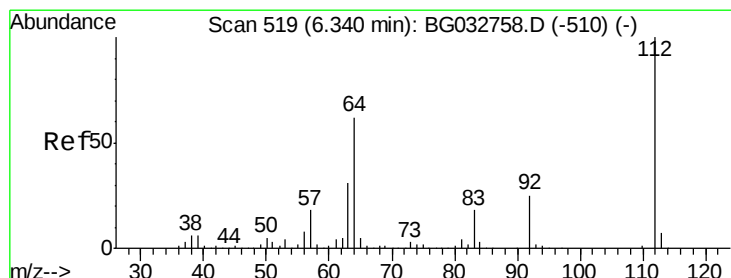
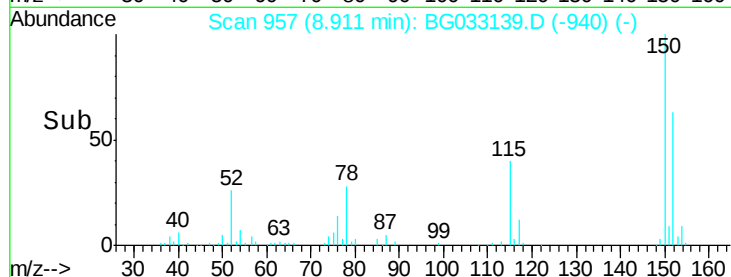
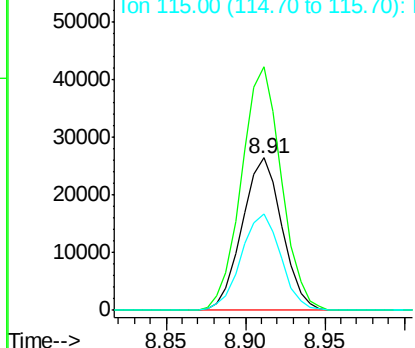
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033139.D
Acq: 14 Mar 2018 6:36

Instrument :
BNA_G
ClientSampleId :
TP-10-COMP

Tot Ion:152 Resp: 46291
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 63.2 53.0 79.4



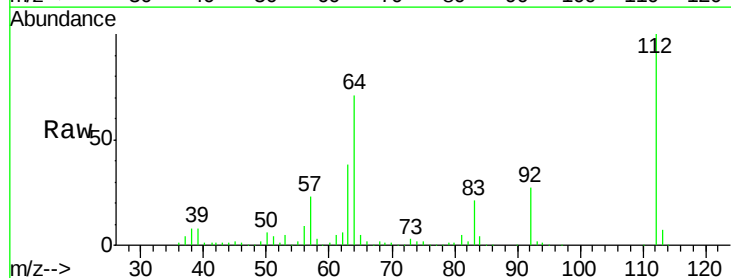
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



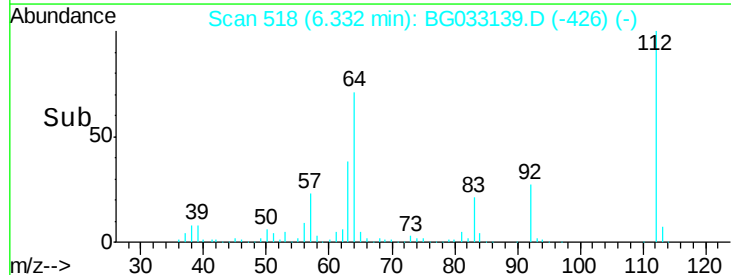
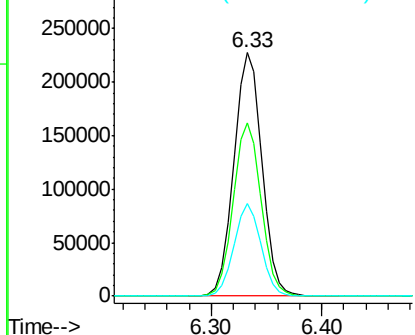
#5

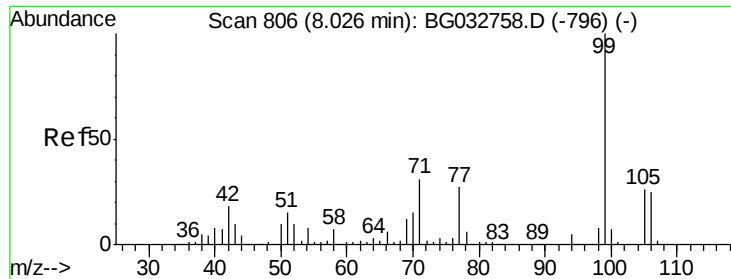
2-Fluorophenol
Concen: 140.788 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033139.D
Acq: 14 Mar 2018 6:36

Tgt Ion:112 Resp: 407364
Ion Ratio Lower Upper
112 100
64 71.3 56.3 84.5
63 38.0 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: 125.496 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033139.D

Acq: 14 Mar 2018 6:36

Instrument :

BNA_G

ClientSampleId :

TP-10-COMP

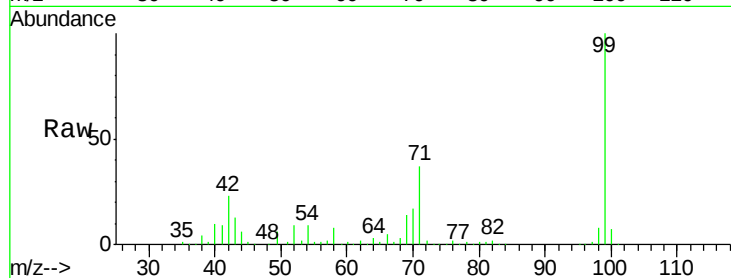
Tot Ion: 99 Resp: 506132

Ion Ratio Lower Upper

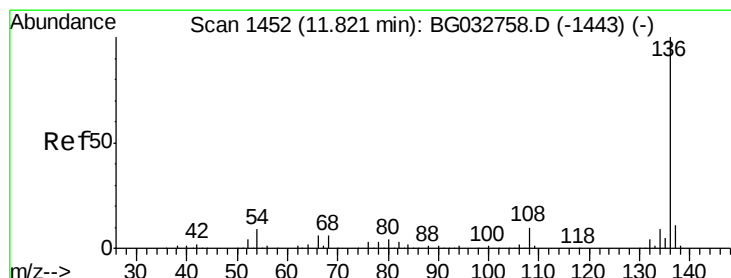
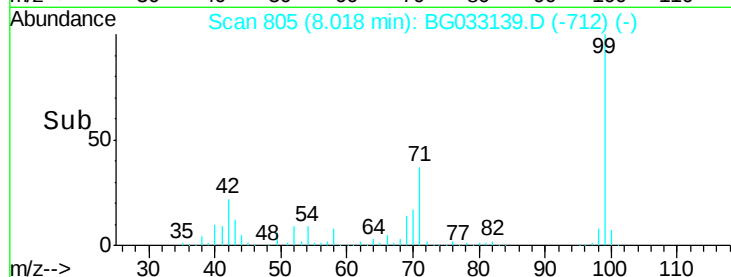
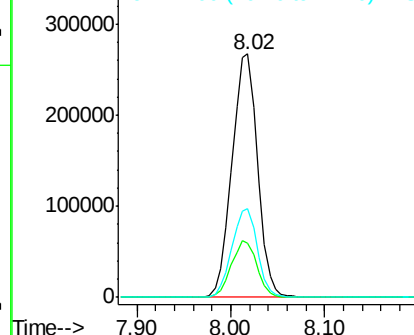
99 100

42 22.5 14.1 21.1#

71 36.6 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# 1448

Delta R.T. -0.00 min

Lab File: BG033139.D

Acq: 14 Mar 2018 6:36

Tgt Ion: 136 Resp: 203075

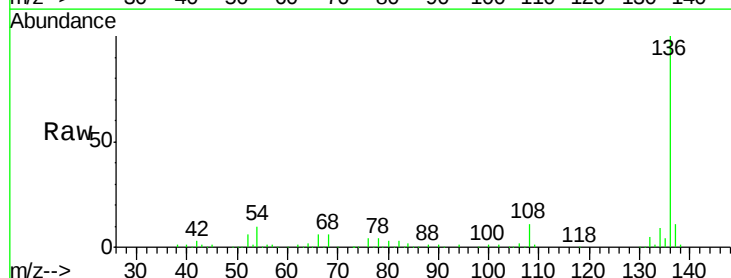
Ion Ratio Lower Upper

136 100

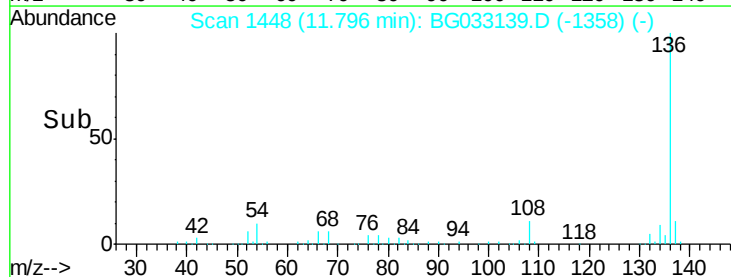
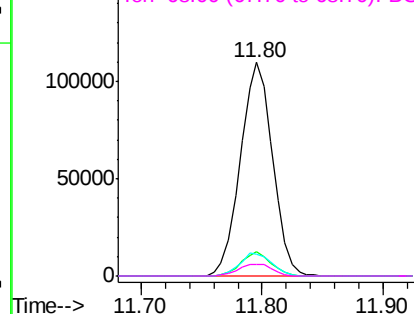
137 11.4 9.2 13.8

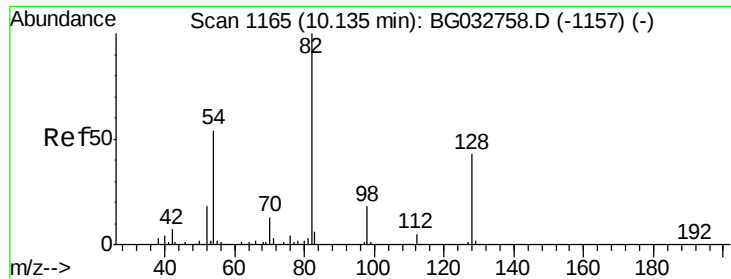
54 10.1 10.3 15.5#

68 5.6 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

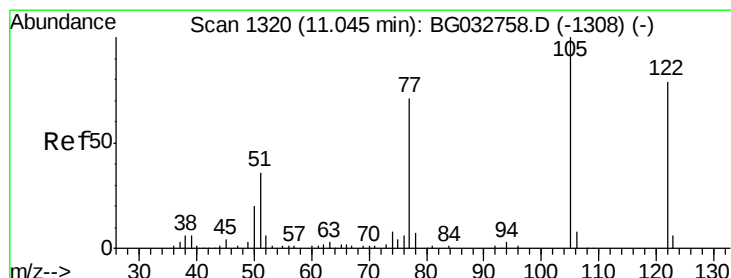
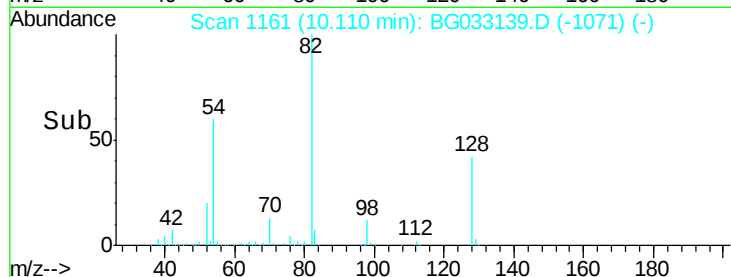
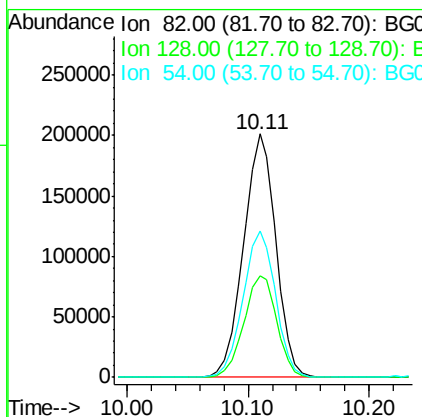
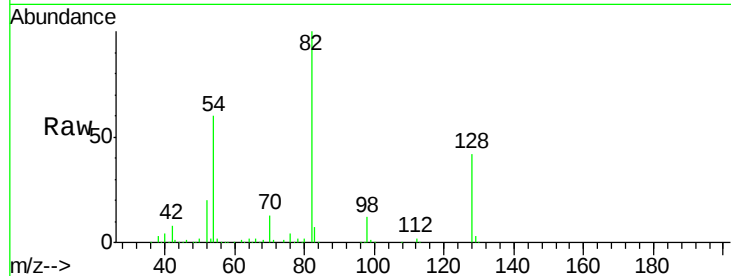




#23
 Nitrobenzene-d5
 Concen: 123.078 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033139.D
 Acq: 14 Mar 2018 6:36

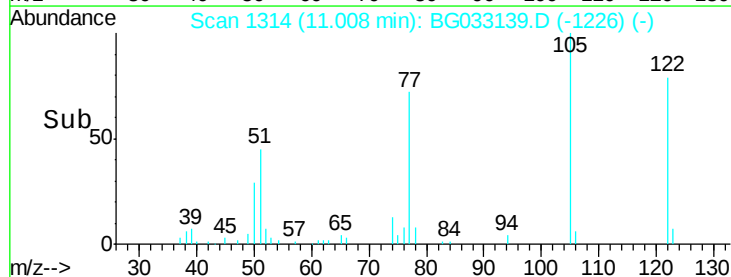
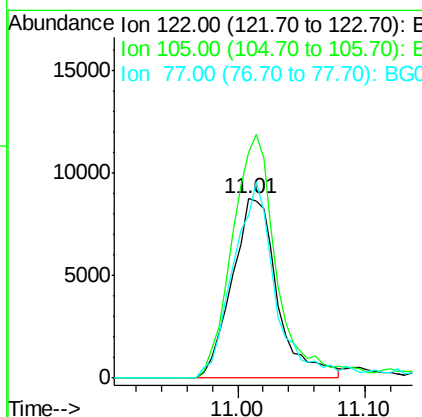
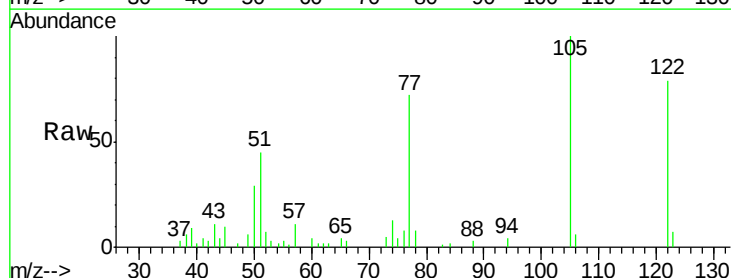
Instrument :
 BNA_G
 ClientSampleId :
 TP-10-COMP

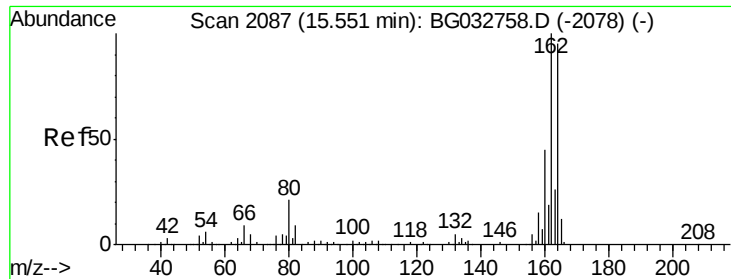
Tot Ion: 82 Resp: 374880
 Ion Ratio Lower Upper
 82 100
 128 41.8 29.7 44.5
 54 60.2 43.1 64.7



#32
 Benzoic acid
 Concen: 18.201 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BG033139.D
 Acq: 14 Mar 2018 6:36

Tgt Ion: 122 Resp: 21744
 Ion Ratio Lower Upper
 122 100
 105 125.9 123.5 163.5
 77 91.2 85.7 125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033139.D

Acq: 14 Mar 2018 6:36

Instrument :

BNA_G

ClientSampleId :

TP-10-COMP

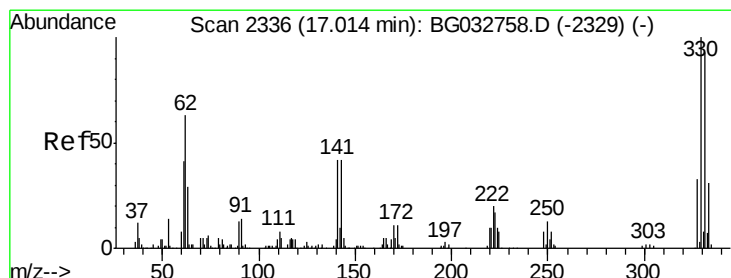
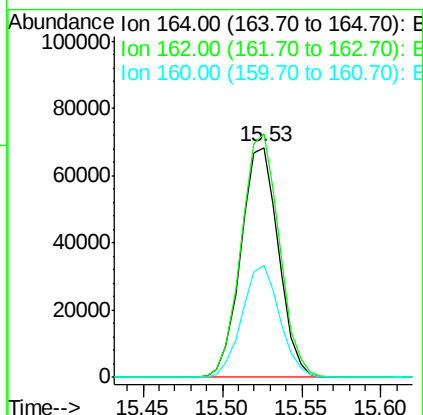
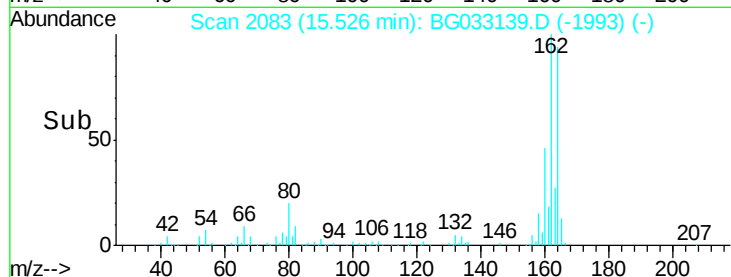
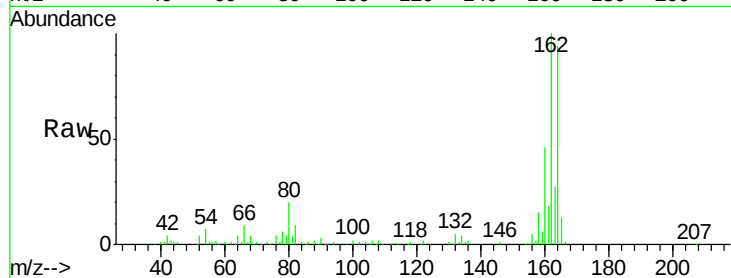
Tot Ion:164 Resp: 112512

Ion Ratio Lower Upper

164 100

162 105.9 78.8 118.2

160 48.7 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 126.986 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG033139.D

Acq: 14 Mar 2018 6:36

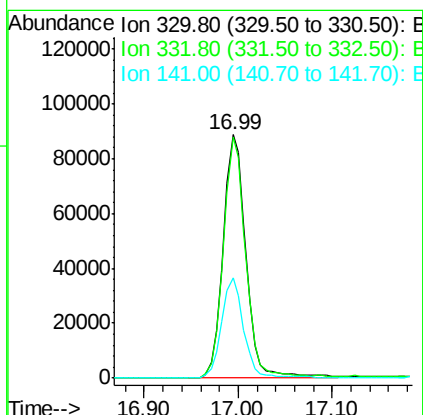
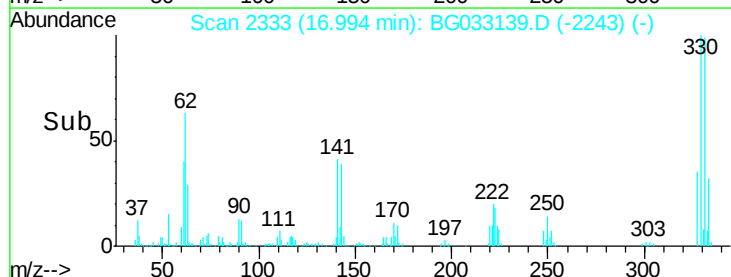
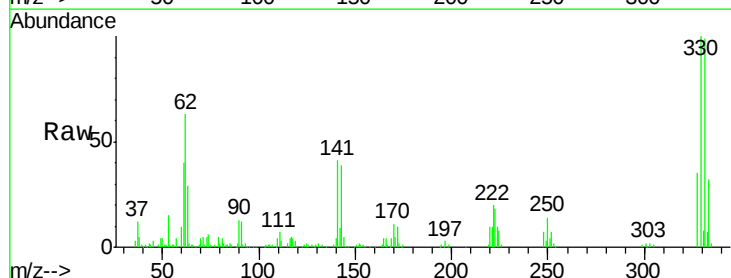
Tgt Ion:330 Resp: 150228

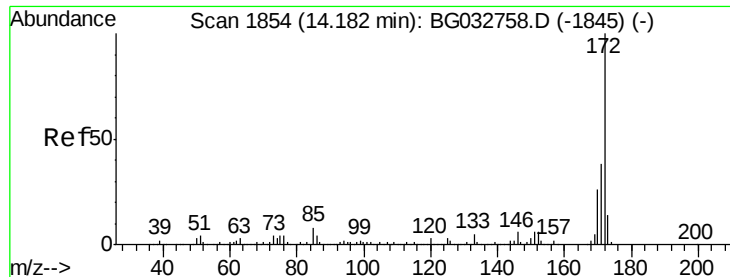
Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 39.5 25.2 37.8#

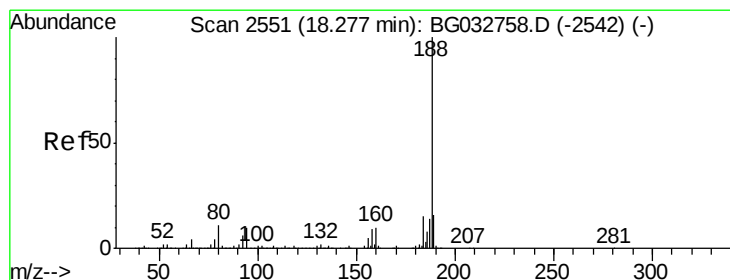
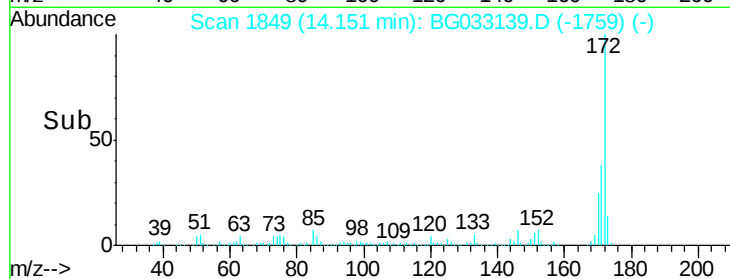
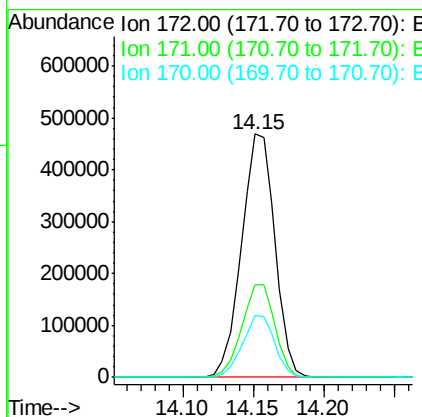
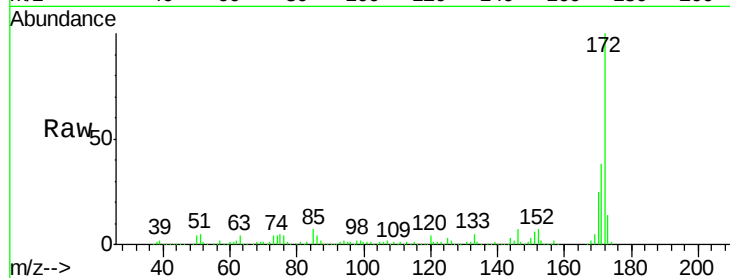




#44
 2-Fluorobiphenyl
 Concen: 99.106 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033139.D
 Acq: 14 Mar 2018 6:36

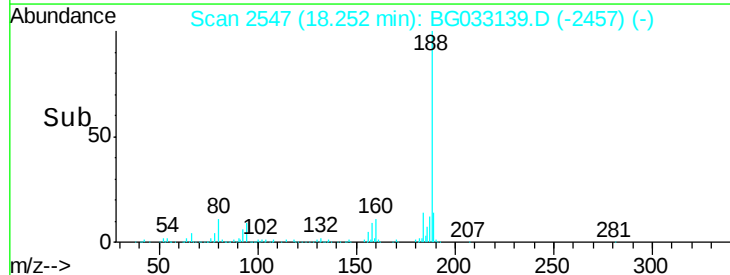
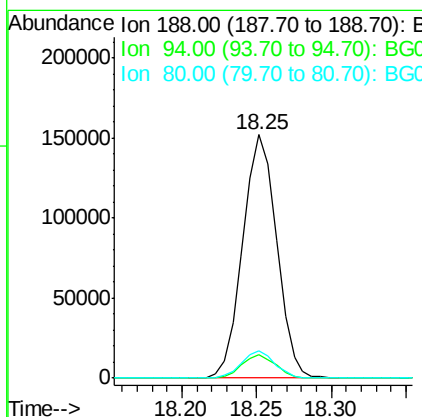
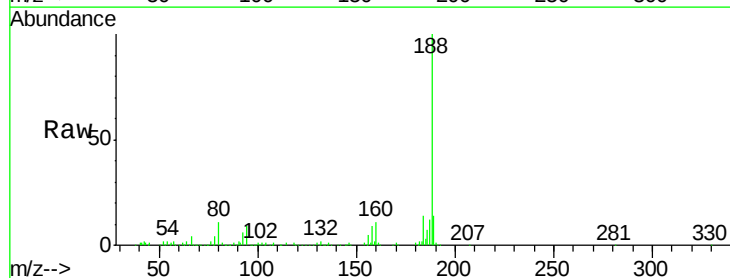
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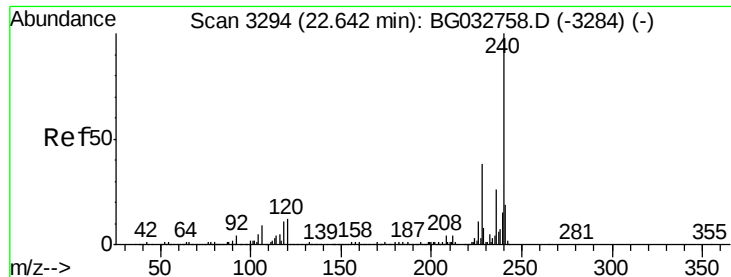
Tot Ion:172 Resp: 773141
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033139.D
 Acq: 14 Mar 2018 6:36

Tgt Ion:188 Resp: 239785
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.9 10.3
 80 11.4 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: BG033139.D

Acq: 14 Mar 2018 6:36

Instrument :

BNA_G

ClientSampleId :

TP-10-COMP

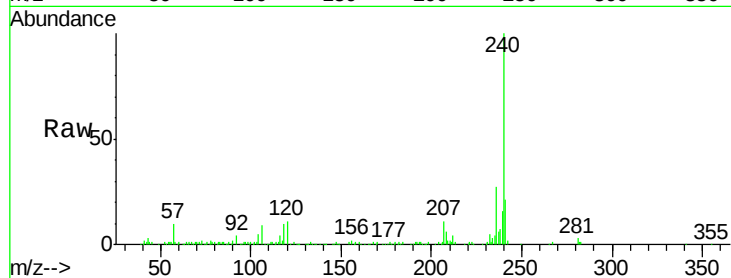
Tot Ion:240 Resp: 223235

Ion Ratio Lower Upper

240 100

120 11.2 6.8 10.2#

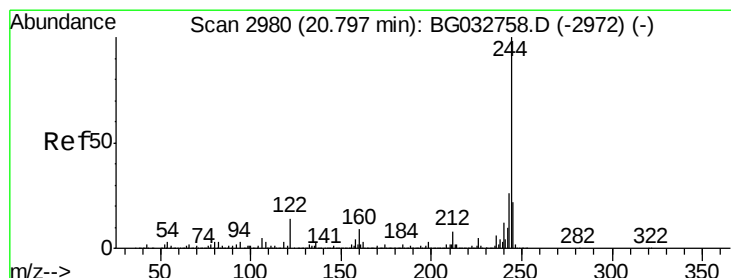
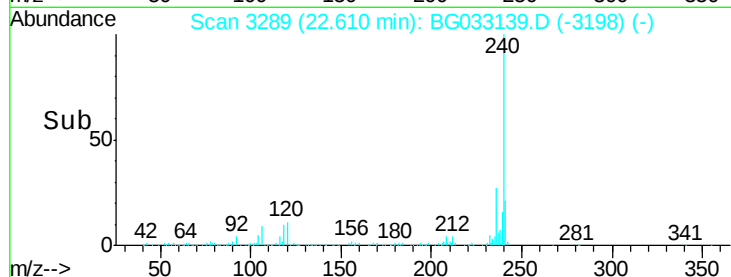
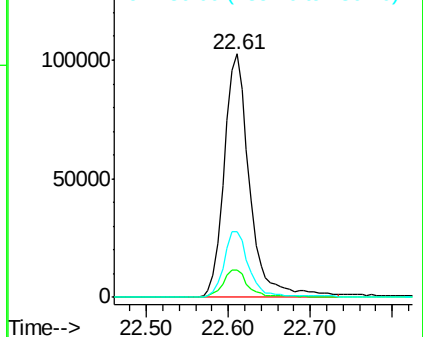
236 26.9 20.9 31.3



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: 114.750 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033139.D

Acq: 14 Mar 2018 6:36

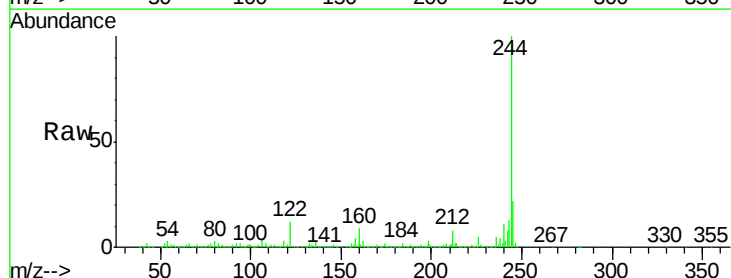
Tgt Ion:244 Resp: 1140155

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

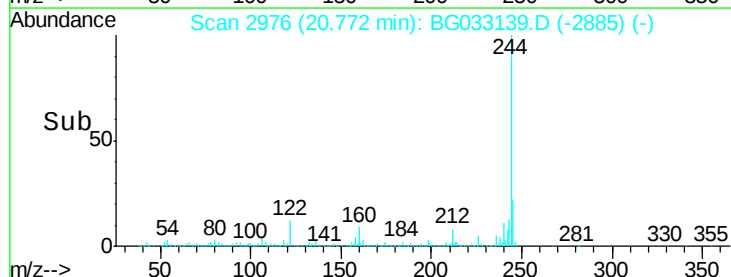
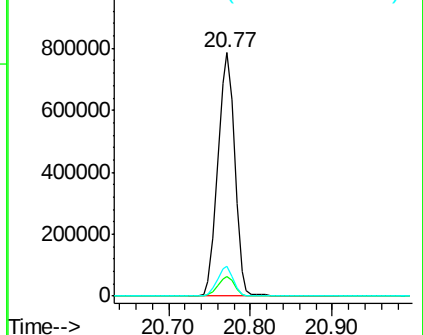
122 12.1 7.0 10.4#

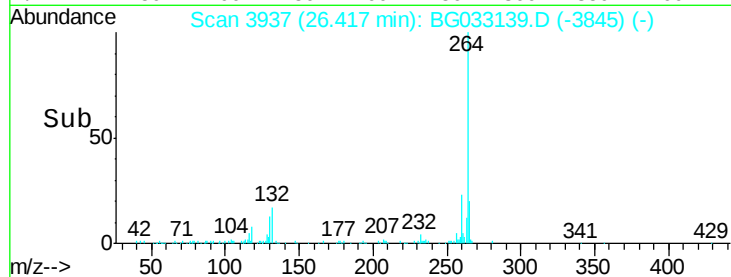
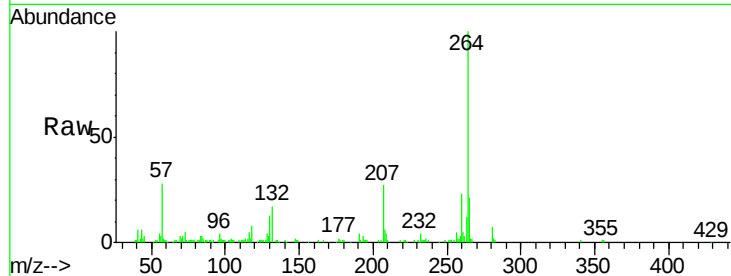
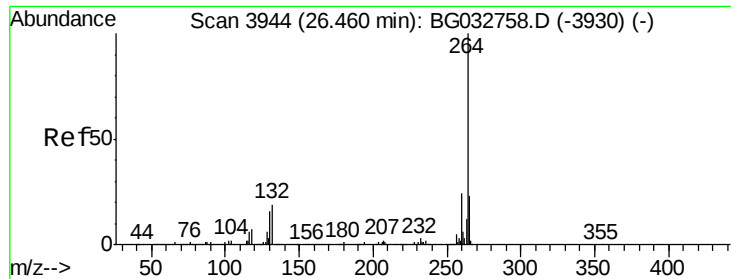


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033139.D

Acq: 14 Mar 2018 6:36

Instrument :

BNA_G

ClientSampleId :

TP-10-COMP

Tot Ion:264 Resp: 196079

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.0 17.7 26.5

