

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032718.D
 Acq On : 15 Feb 2018 17:54
 Operator : SJ/JU
 Sample : J1393-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-B

Quant Time: Feb 16 02:43:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

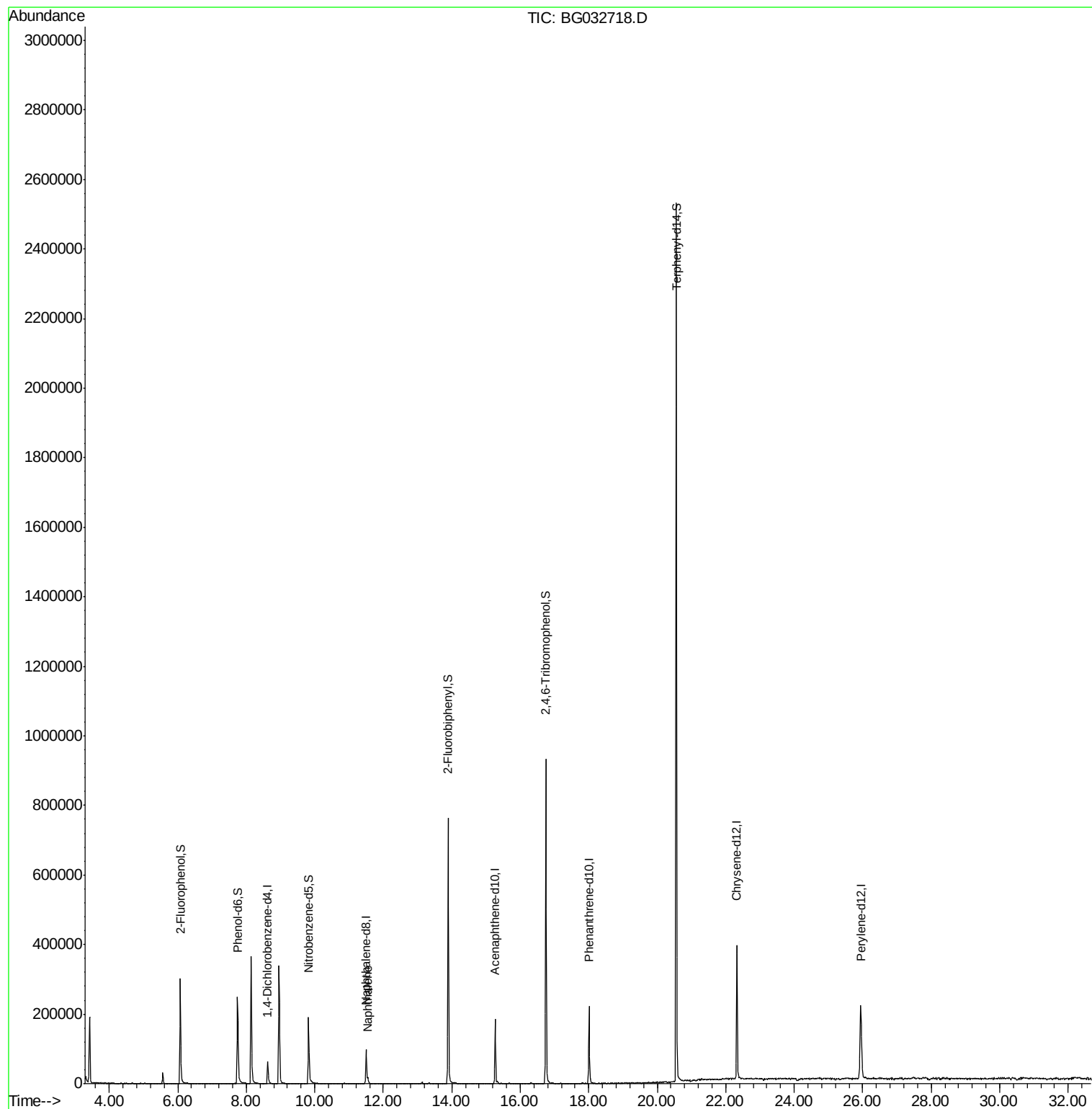
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	25430	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	101526	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	75624	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	163821	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	298206	20.00	ng	-0.05
86) Perylene-d12	25.94	264	309058	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	156304	123.32	ng	-0.04
7) Phenol-d6	7.75	99	163420	94.29	ng	-0.05
23) Nitrobenzene-d5	9.82	82	131792	82.50	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	216562	185.98	ng	-0.04
44) 2-Fluorobiphenyl	13.89	172	477015	78.88	ng	-0.04
78) Terphenyl-d14	20.56	244	1365148	104.34	ng	-0.03
Target Compounds						
31) Naphthalene	11.55	128	16114	3.269	ng	Qvalue # 95

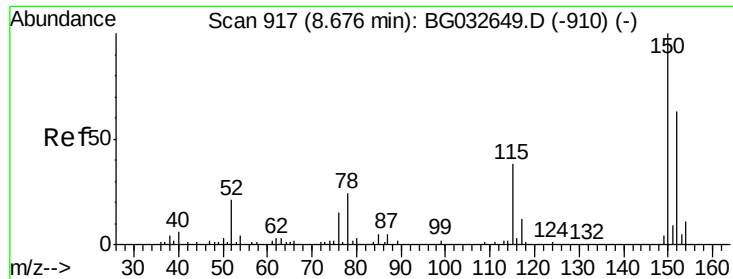
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



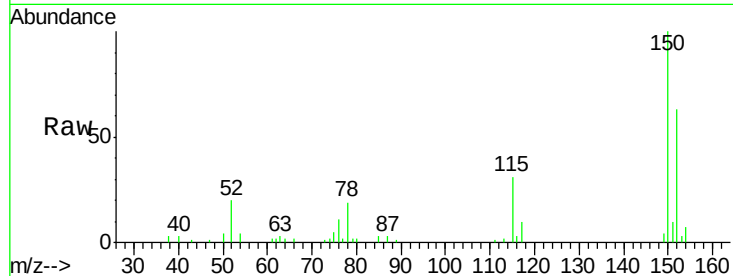


#1

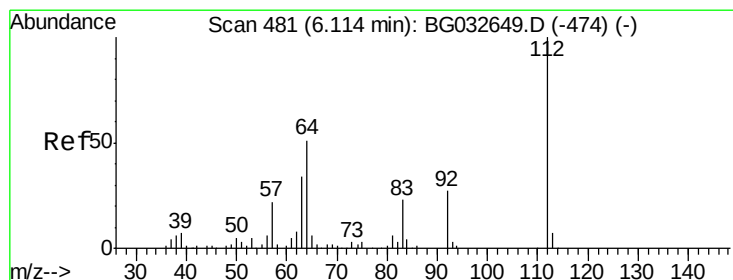
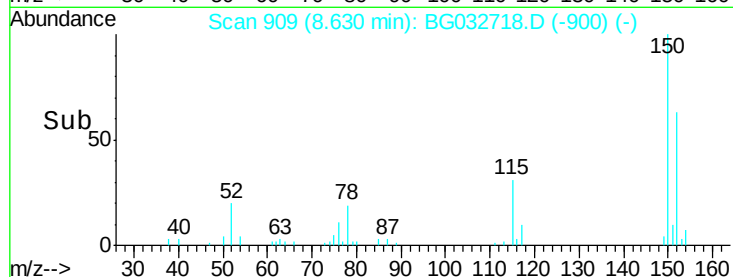
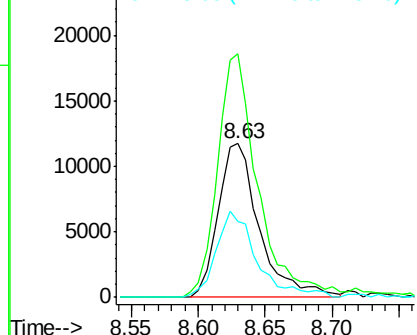
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032718.D
Acq: 15 Feb 2018 17:54

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-B

Tot Ion:152 Resp: 25430
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 49.8 53.0 79.4#



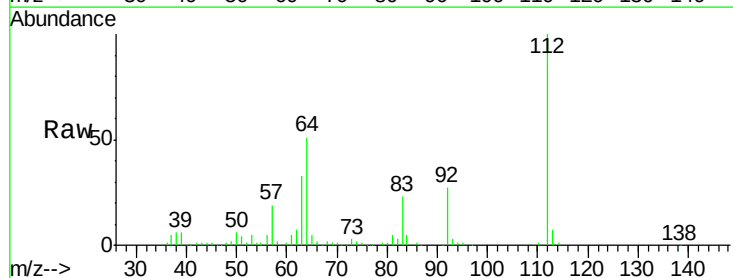
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



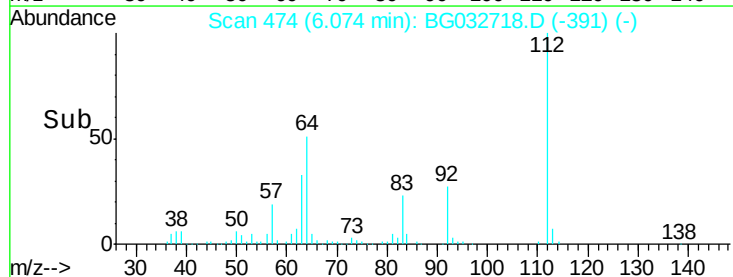
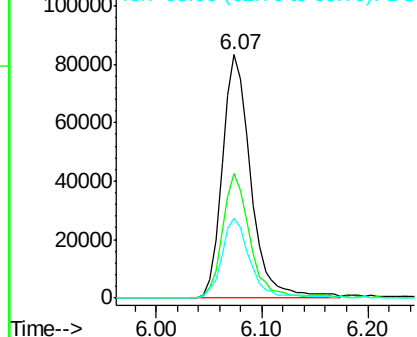
#5

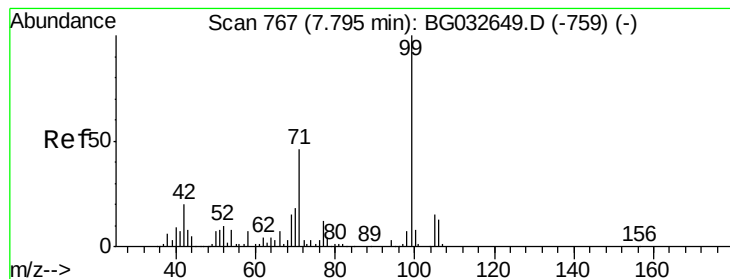
2-Fluorophenol
Concen: 123.319 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032718.D
Acq: 15 Feb 2018 17:54

Tgt Ion:112 Resp: 156304
Ion Ratio Lower Upper
112 100
64 51.1 56.3 84.5#
63 33.0 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: 94.291 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.05 min

Lab File: BG032718.D

Acq: 15 Feb 2018 17:54

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-B

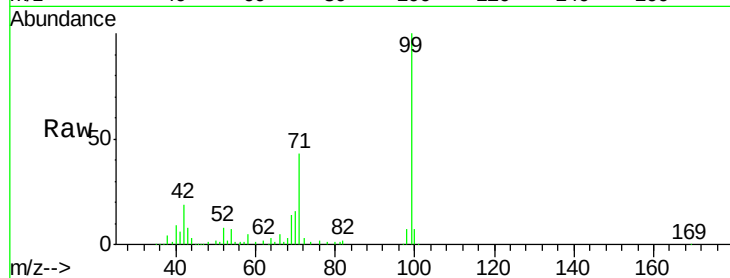
Tot Ion: 99 Resp: 163420

Ion Ratio Lower Upper

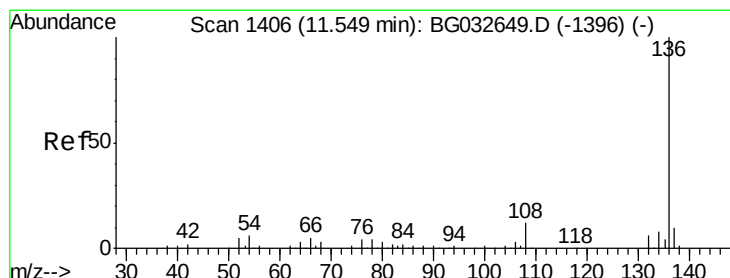
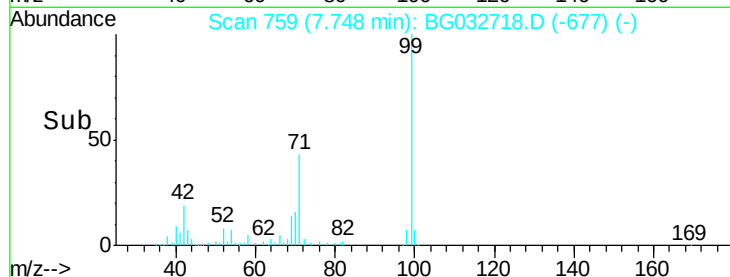
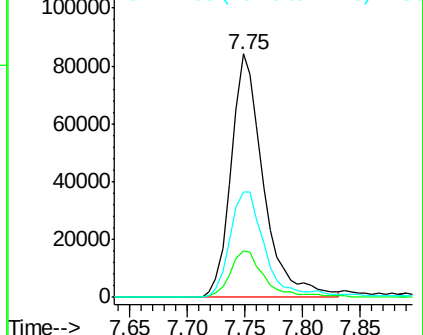
99 100

42 19.0 14.1 21.1

71 43.1 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: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG032718.D

Acq: 15 Feb 2018 17:54

Tgt Ion: 136 Resp: 101526

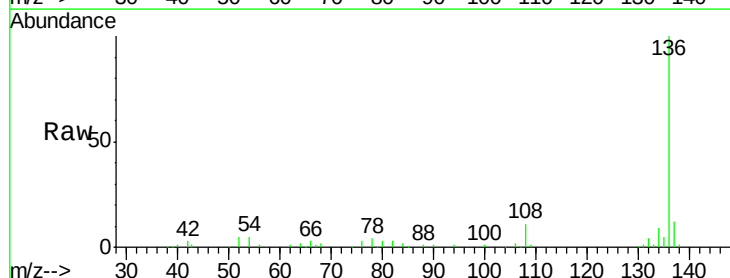
Ion Ratio Lower Upper

136 100

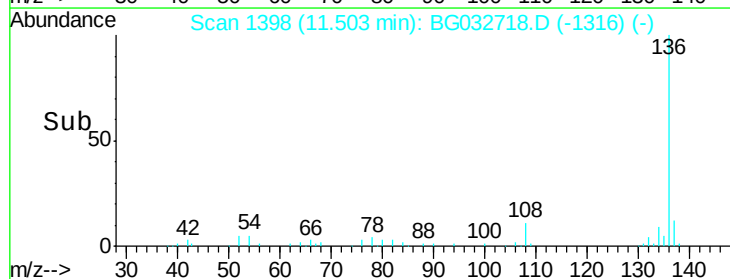
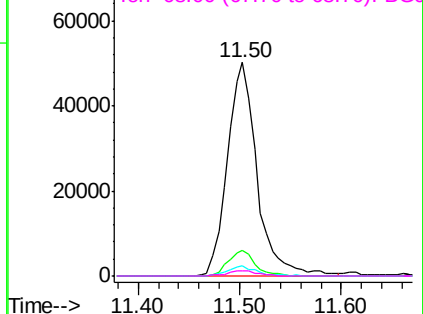
137 12.2 9.2 13.8

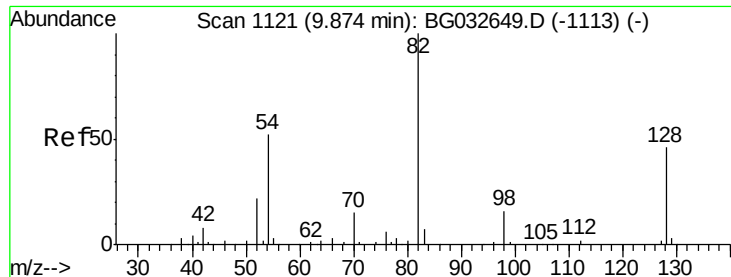
54 4.8 10.3 15.5#

68 2.4 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

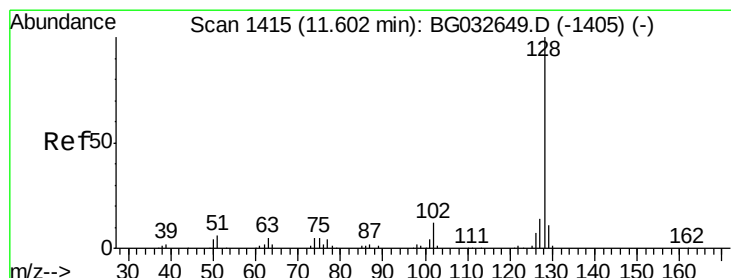
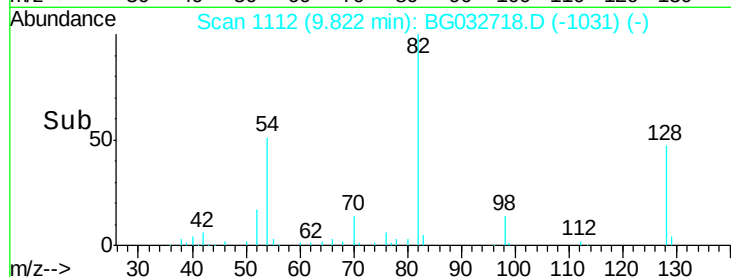
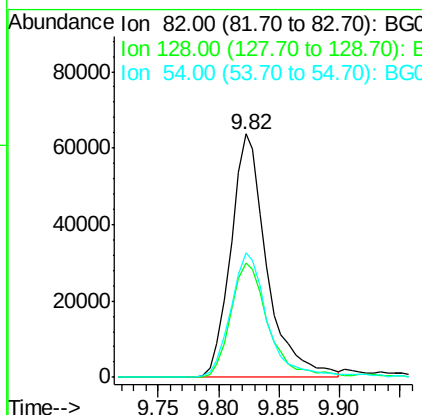
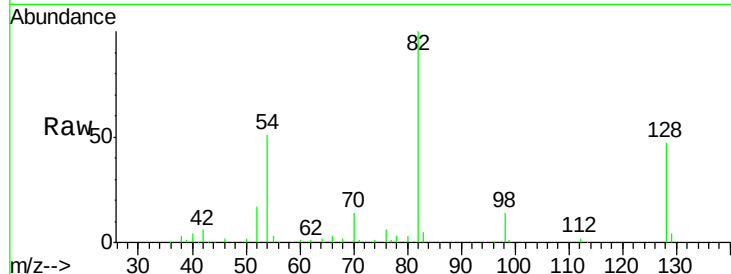




#23
Nitrobenzene-d5
Concen: 82.502 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032718.D
Acq: 15 Feb 2018 17:54

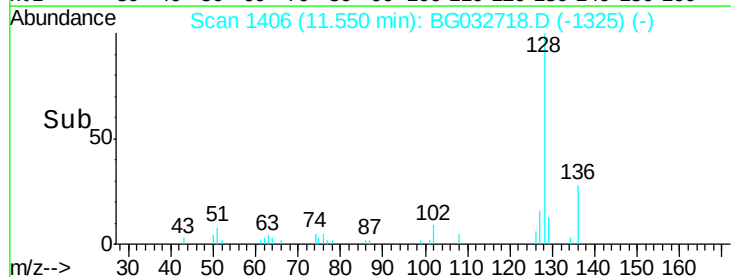
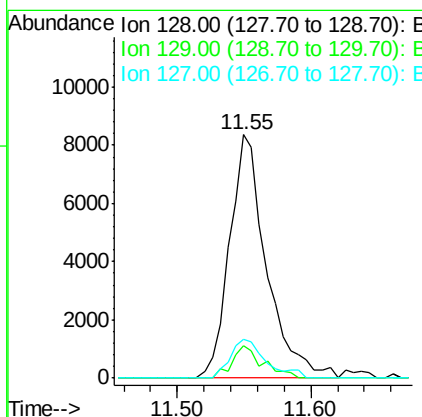
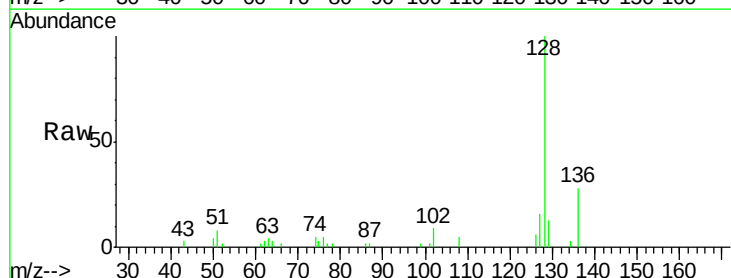
Instrument :
BNA_G
ClientSampleId :
HR-06-021418-B

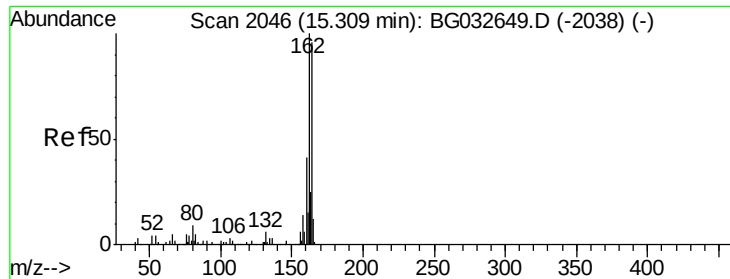
Tot Ion: 82 Resp: 131792
Ion Ratio Lower Upper
82 100
128 47.0 29.7 44.5#
54 51.3 43.1 64.7



#31
Naphthalene
Concen: 3.269 ng
RT: 11.55 min Scan# 1406
Delta R.T. -0.05 min
Lab File: BG032718.D
Acq: 15 Feb 2018 17:54

Tgt Ion:128 Resp: 16114
Ion Ratio Lower Upper
128 100
129 13.3 8.6 12.8#
127 15.7 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BG032718.D

Acq: 15 Feb 2018 17:54

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-B

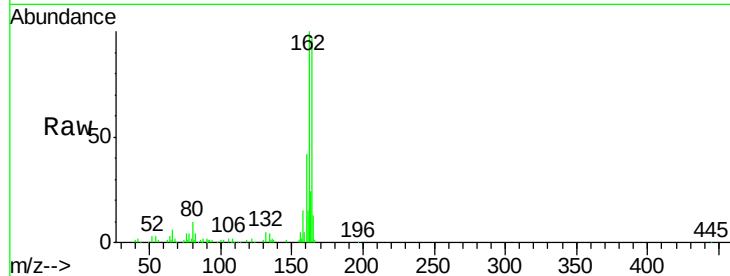
Tot Ion:164 Resp: 75624

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

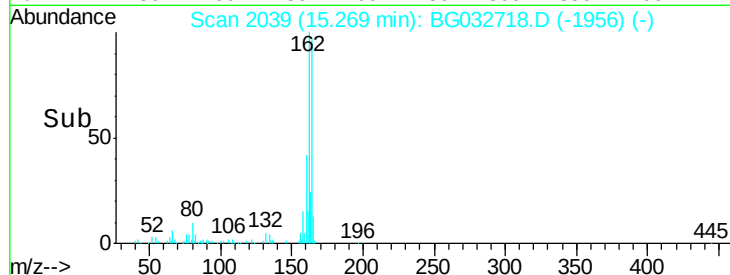
160 43.7 35.4 53.0



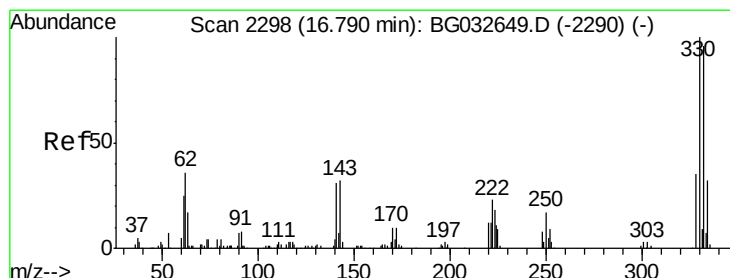
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 185.978 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.04 min

Lab File: BG032718.D

Acq: 15 Feb 2018 17:54

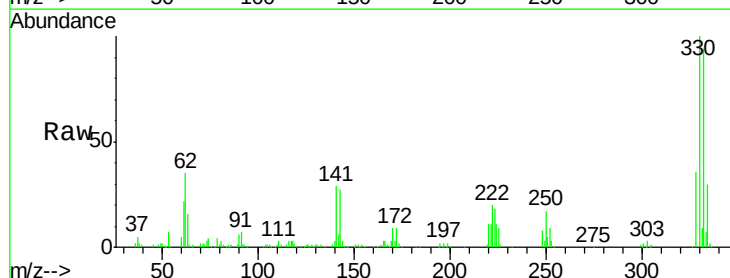
Tgt Ion:330 Resp: 216562

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

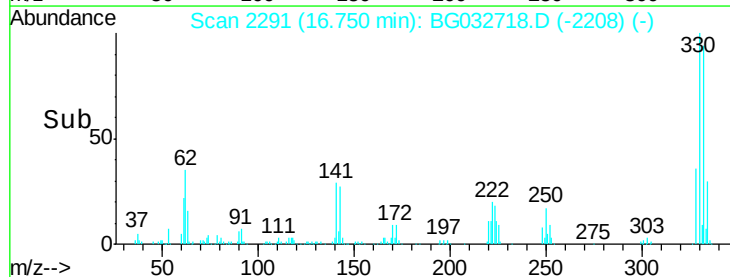
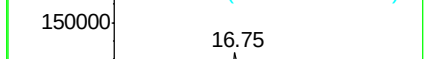
141 28.9 25.2 37.8



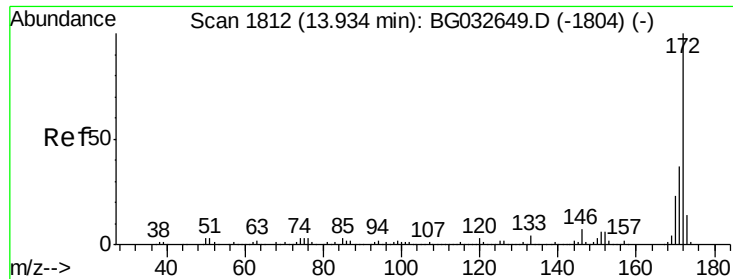
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



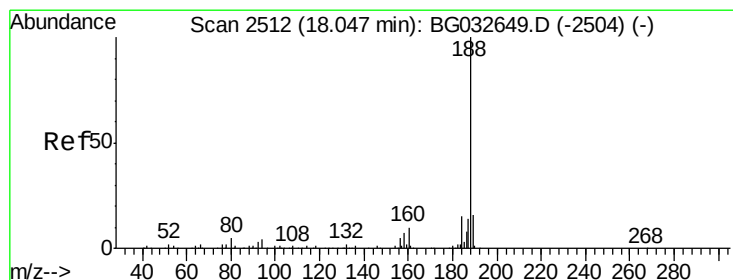
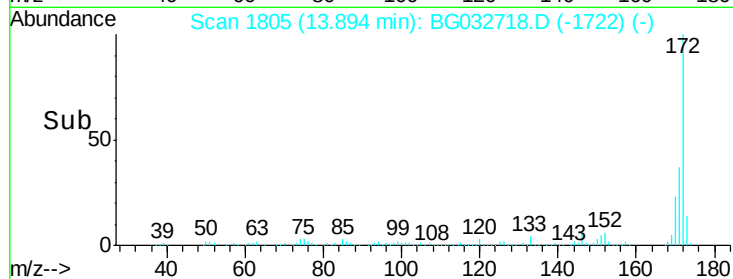
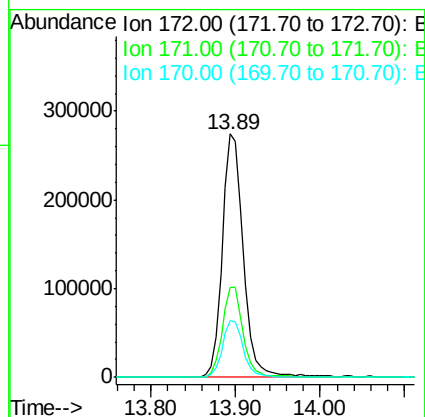
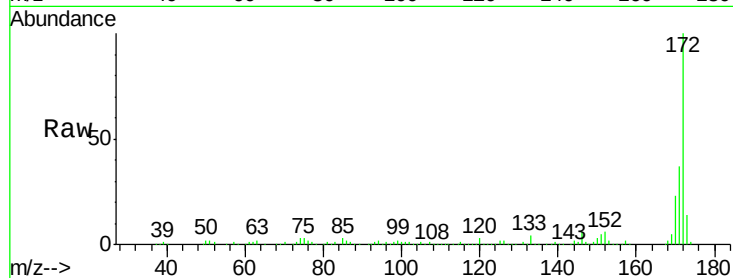
Time-->



#44
 2-Fluorobiphenyl
 Concen: 78.880 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032718.D
 Acq: 15 Feb 2018 17:54

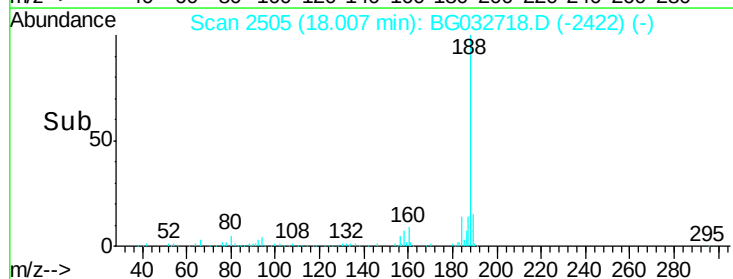
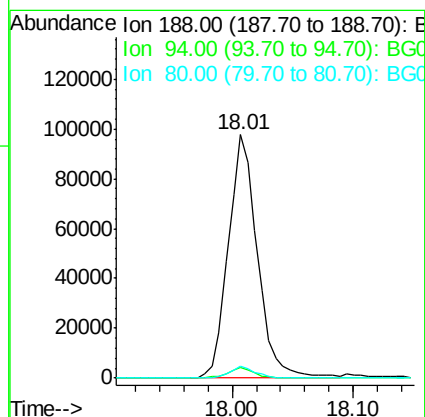
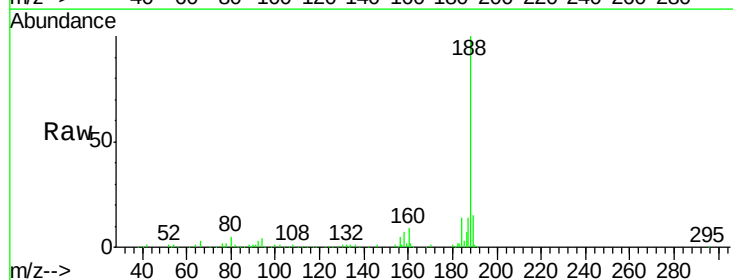
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-B

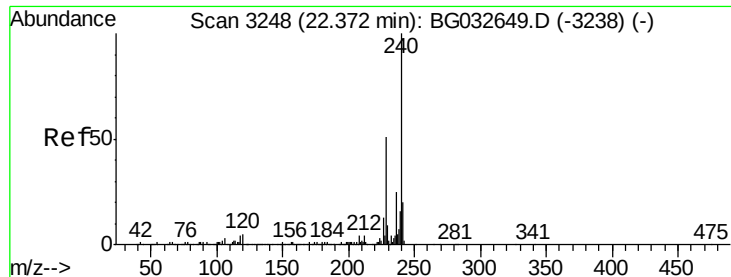
Tot Ion:172 Resp: 477015
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.01 min Scan# 2505
 Delta R.T. -0.04 min
 Lab File: BG032718.D
 Acq: 15 Feb 2018 17:54

Tgt Ion:188 Resp: 163821
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.33 min Scan# 3240

Delta R.T. -0.05 min

Lab File: BG032718.D

Acq: 15 Feb 2018 17:54

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-B

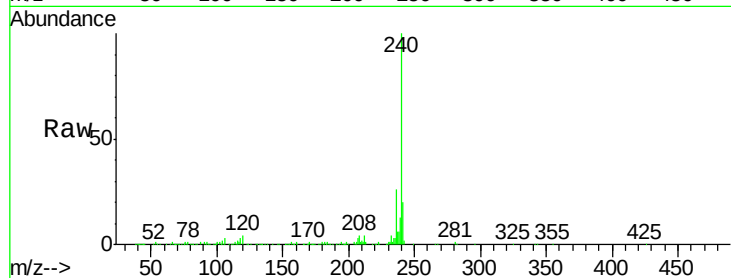
Tot Ion:240 Resp: 298206

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

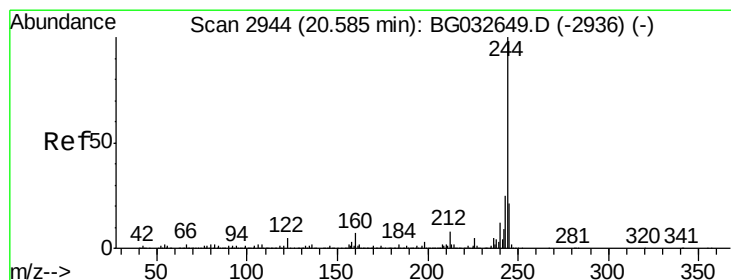
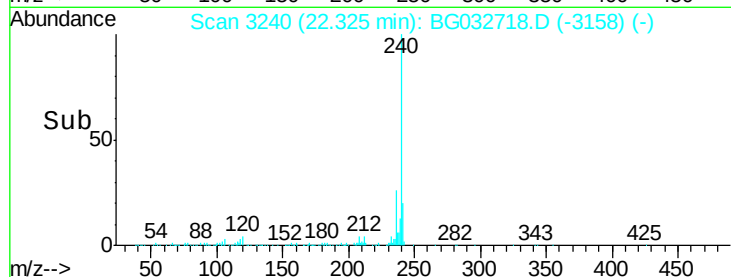
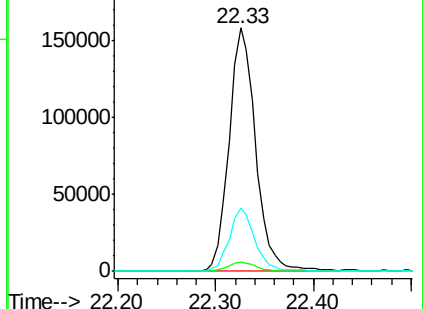
236 26.2 20.9 31.3



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: 104.339 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032718.D

Acq: 15 Feb 2018 17:54

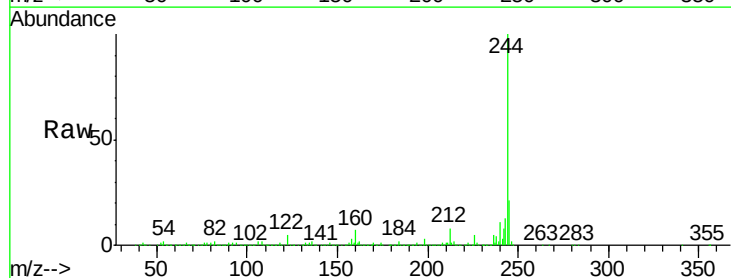
Tgt Ion:244 Resp: 1365148

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

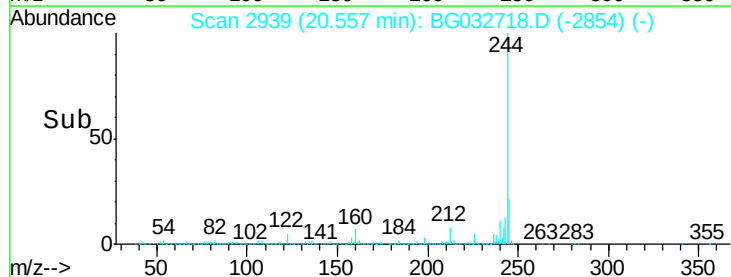
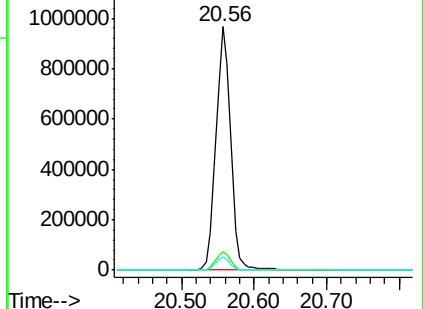
122 5.2 7.0 10.4#

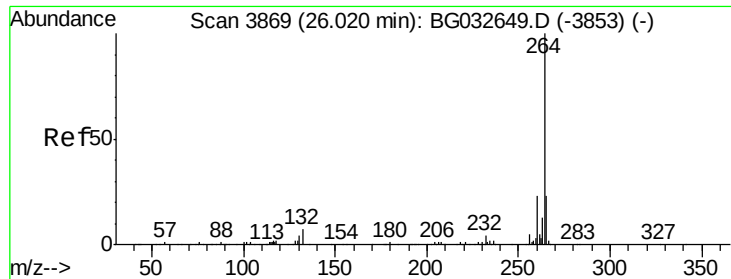


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.94 min Scan# 3856
Delta R.T. -0.08 min
Lab File: BG032718.D
Acq: 15 Feb 2018 17:54

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-B

Tot Ion: 264 Resp: 309058

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.9	17.7	26.5

