

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032628.D
 Acq On : 9 Feb 2018 4:08
 Operator : SJ/JU
 Sample : J1485-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-201

Quant Time: Feb 09 06:37:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

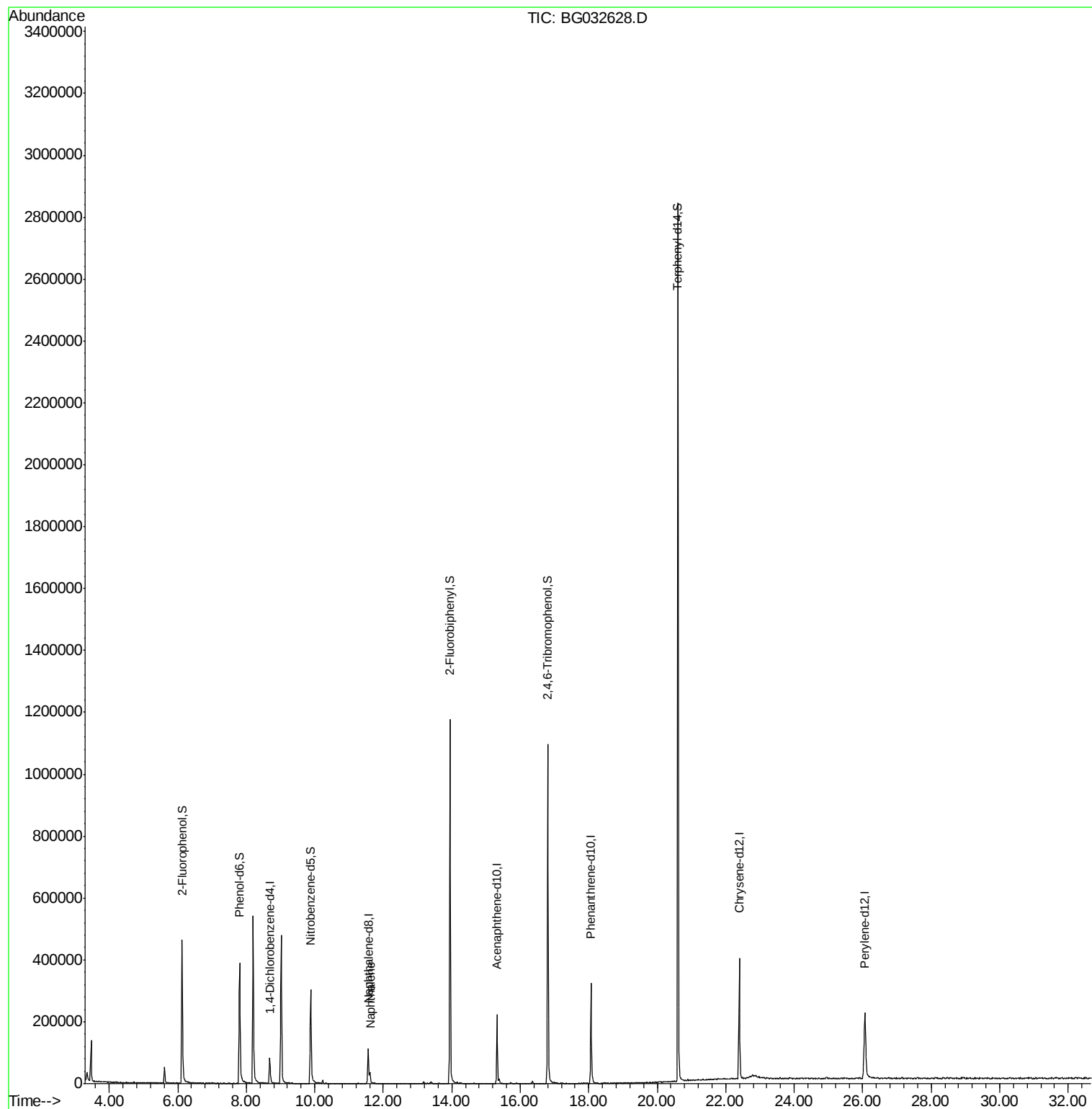
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	33547	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	120465	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	86829	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	251542	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	321489	20.00	ng	-0.01
86) Perylene-d12	26.06	264	323396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	246744	147.73	ng	-0.02
7) Phenol-d6	7.81	99	268048	120.27	ng	-0.02
23) Nitrobenzene-d5	9.88	82	218811	113.45	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	249583	151.01	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	740191	101.32	ng	-0.02
78) Terphenyl-d14	20.60	244	1570409	104.64	ng	-0.01
Target Compounds						
31) Naphthalene	11.61	128	31653	5.380	ng	Qvalue 95

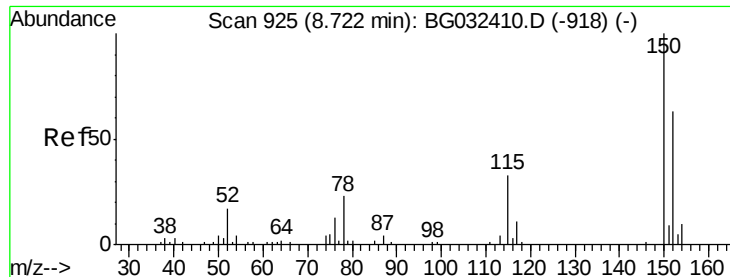
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

RO-201

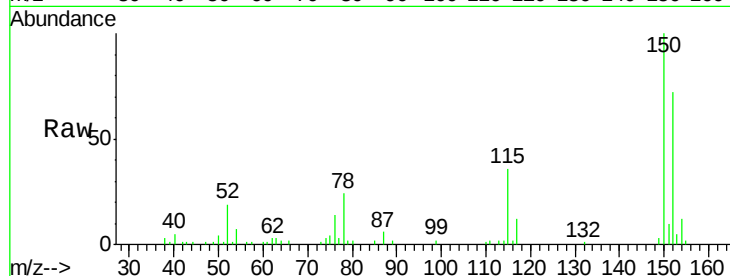
Tot Ion:152 Resp: 33547

Ion Ratio Lower Upper

152 100

150 138.2 126.6 189.8

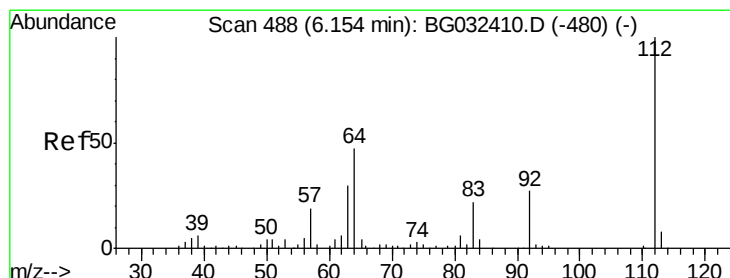
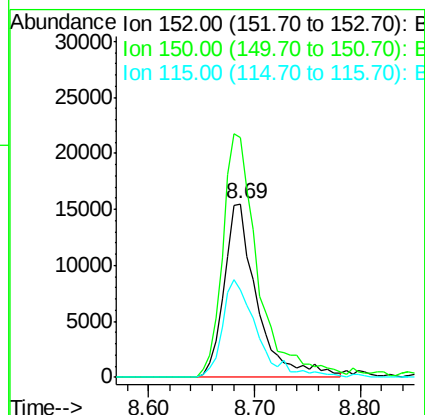
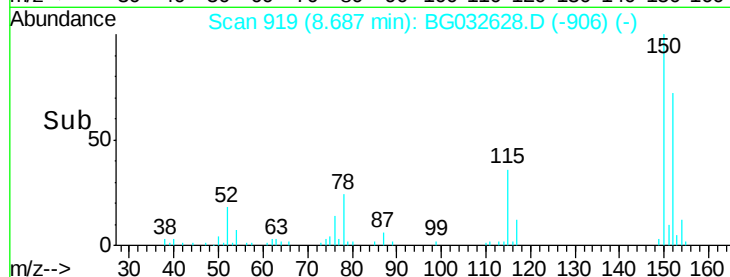
115 50.2 53.0 79.4#



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: 147.733 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

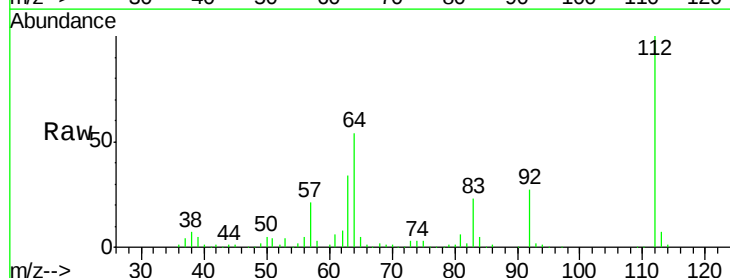
Tgt Ion:112 Resp: 246744

Ion Ratio Lower Upper

112 100

64 53.8 56.3 84.5#

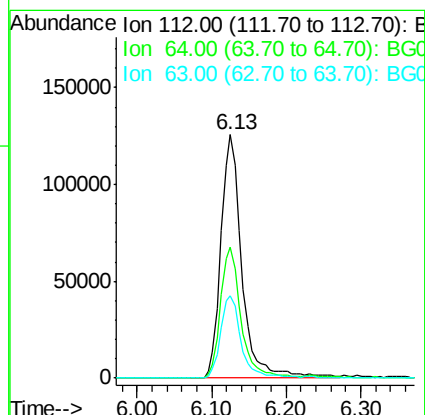
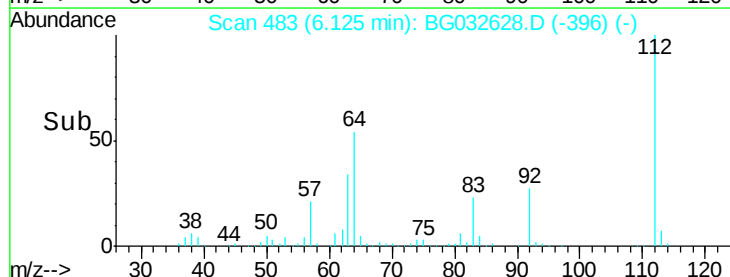
63 34.0 30.1 45.1

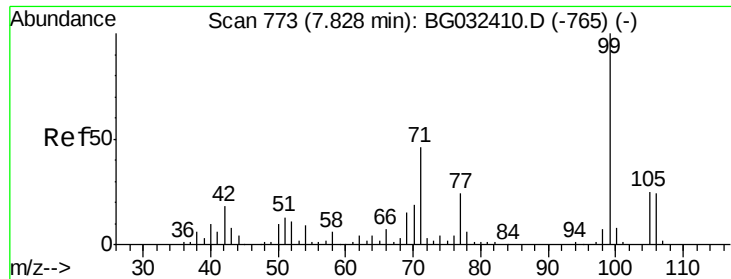


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.268 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampled :

RO-201

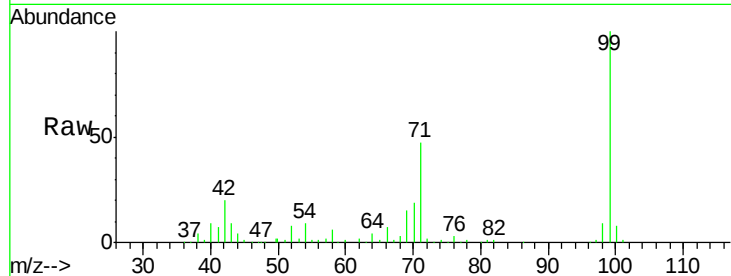
Tot Ion: 99 Resp: 268048

Ion Ratio Lower Upper

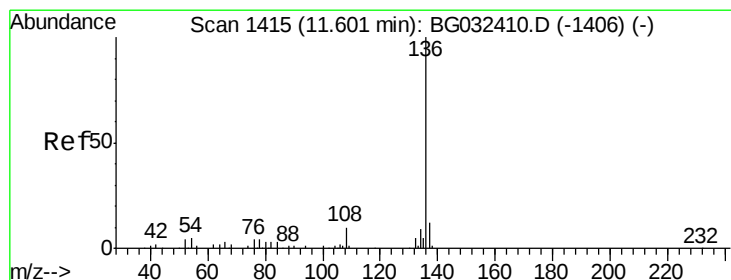
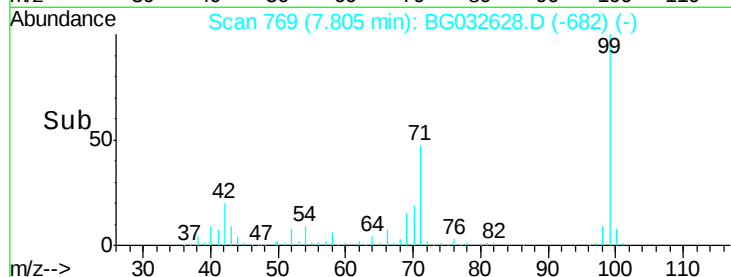
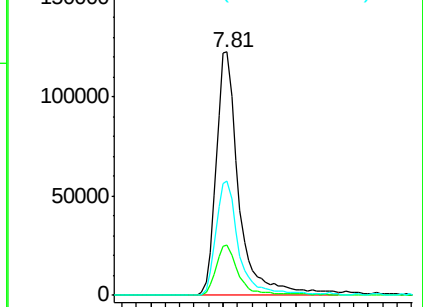
99 100

42 20.5 14.1 21.1

71 46.9 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Tgt Ion: 136 Resp: 120465

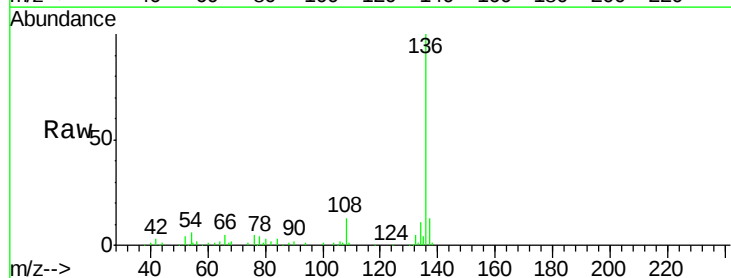
Ion Ratio Lower Upper

136 100

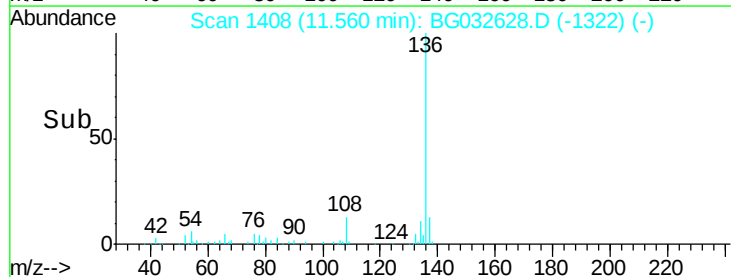
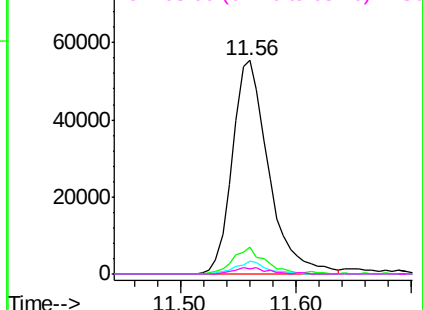
137 12.5 9.2 13.8

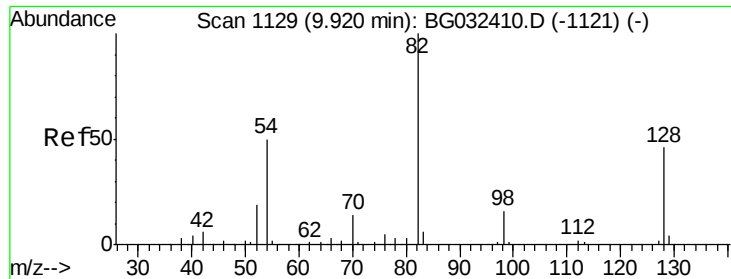
54 6.3 10.3 15.5#

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

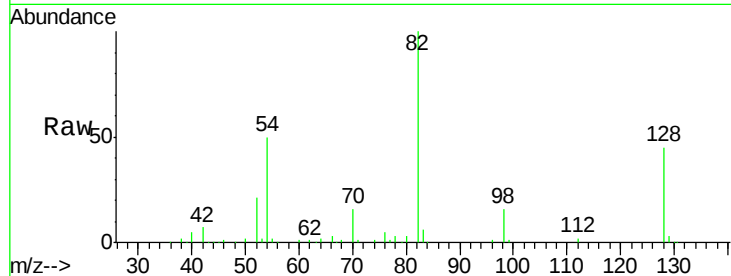




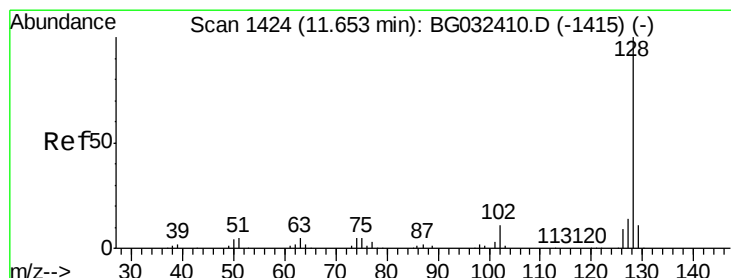
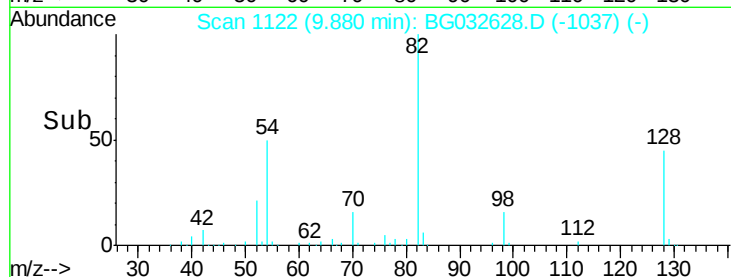
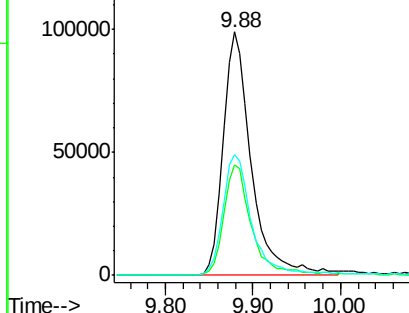
#23
 Nitrobenzene-d5
 Concen: 113.452 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

Instrument :
 BNA_G
 ClientSampleId :
 RO-201

Tot Ion: 82 Resp: 218811
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 49.7 43.1 64.7

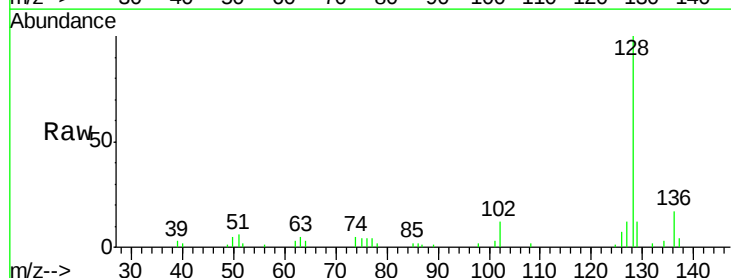


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

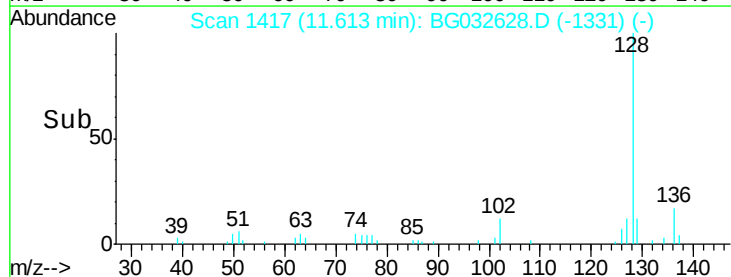
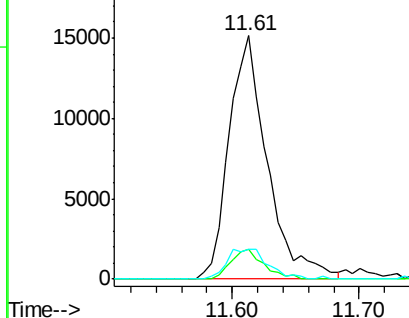


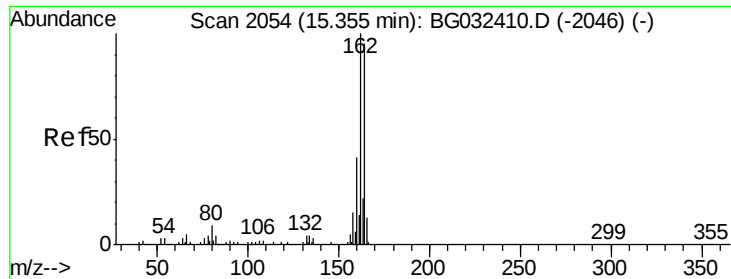
#31
 Naphthalene
 Concen: 5.380 ng
 RT: 11.61 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

Tgt Ion: 128 Resp: 31653
 Ion Ratio Lower Upper
 128 100
 129 12.3 8.6 12.8
 127 12.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampled :

RO-201

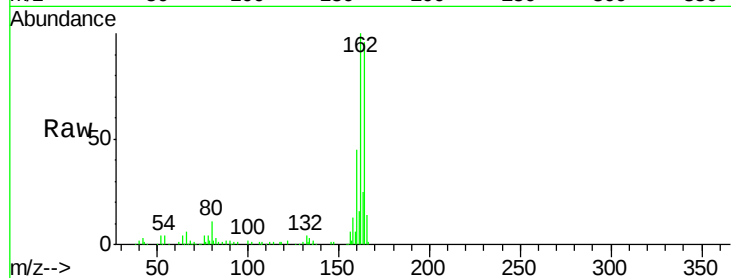
Tot Ion:164 Resp: 86829

Ion Ratio Lower Upper

164 100

162 104.7 78.8 118.2

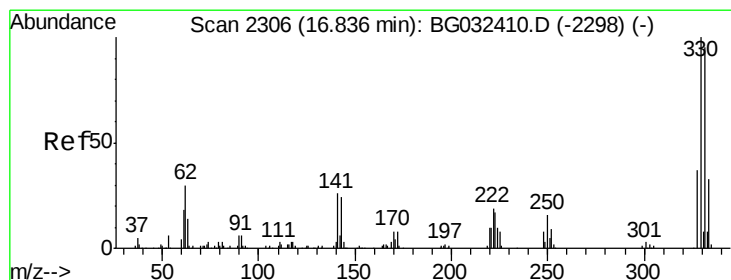
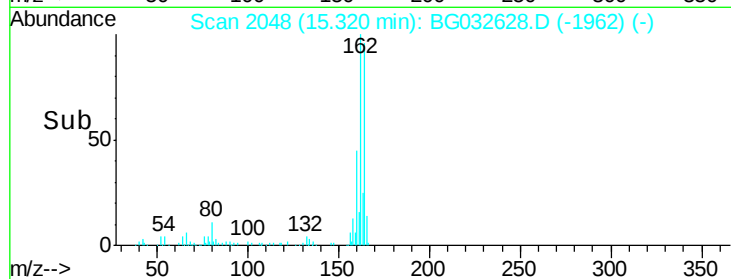
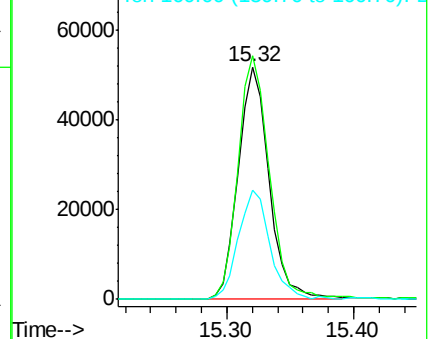
160 47.1 35.4 53.0



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: 151.007 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

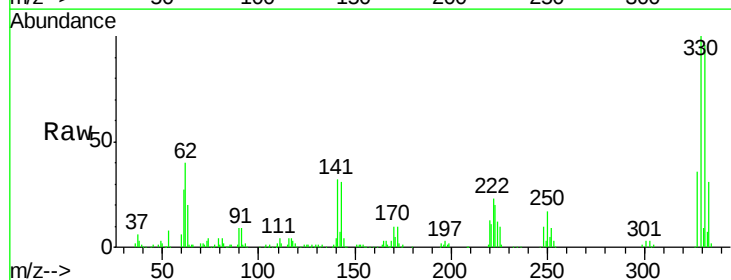
Tgt Ion:330 Resp: 249583

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

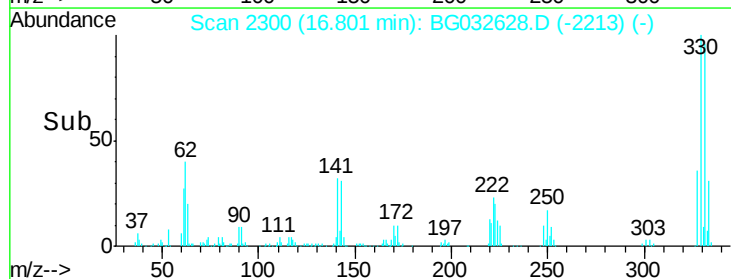
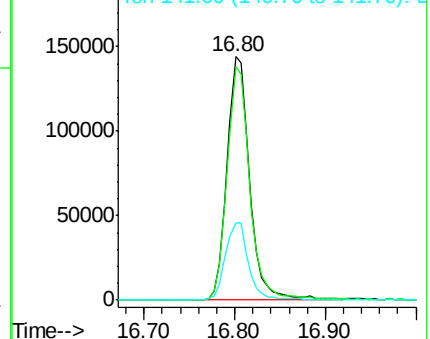
141 32.6 25.2 37.8

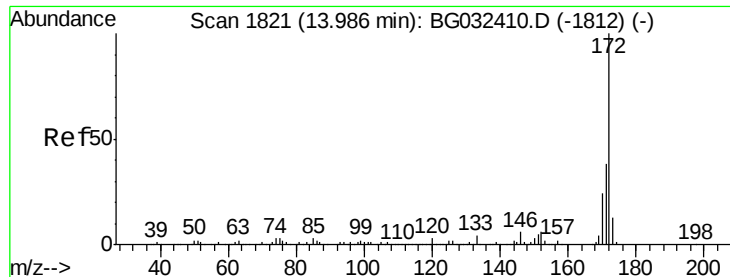


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

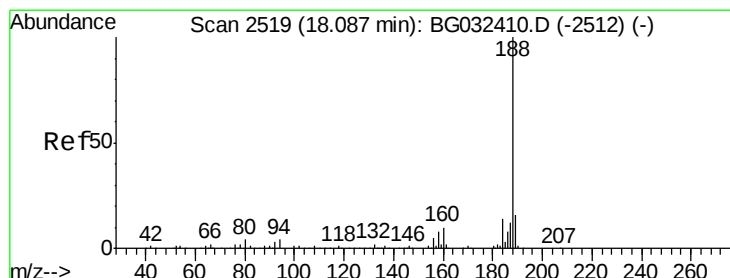
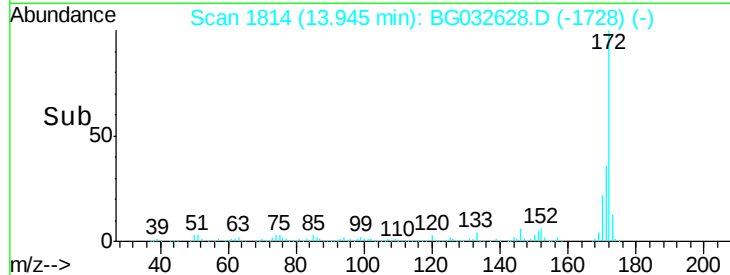
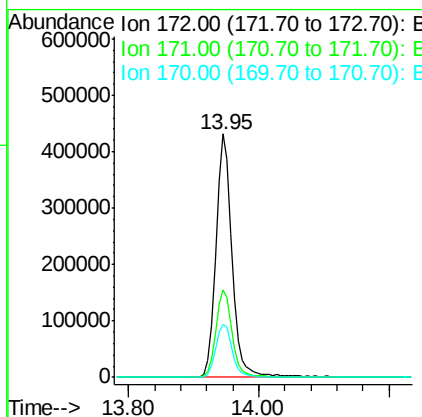
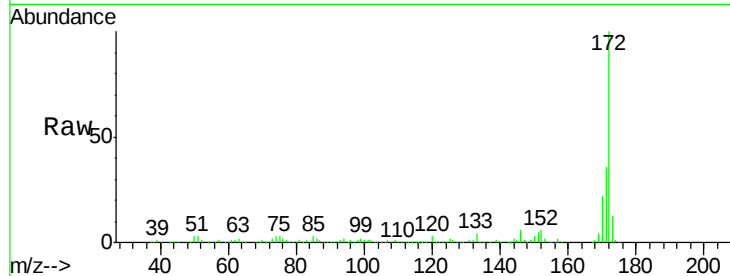




#44
 2-Fluorobiphenyl
 Concen: 101.322 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

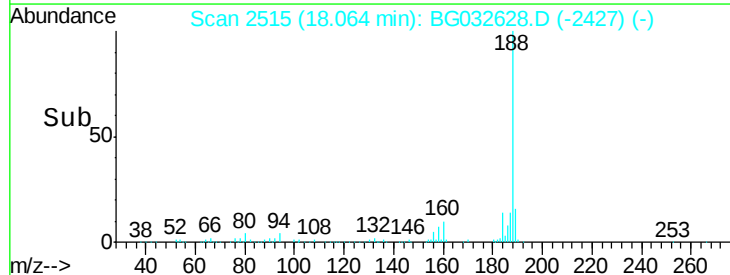
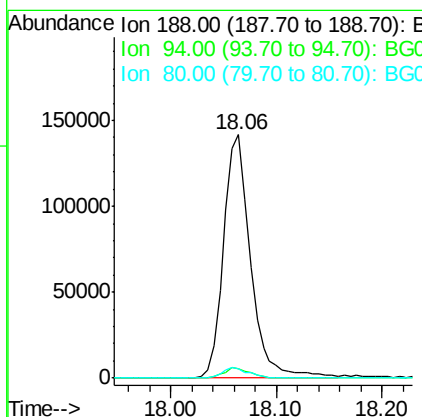
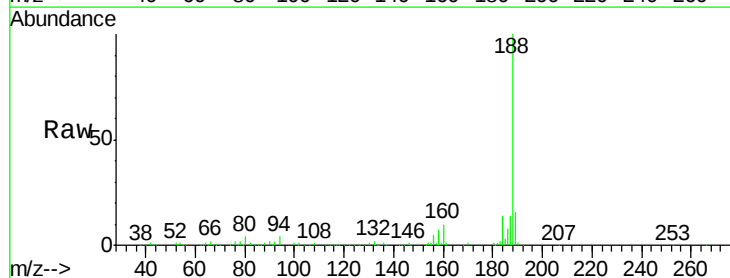
Instrument :
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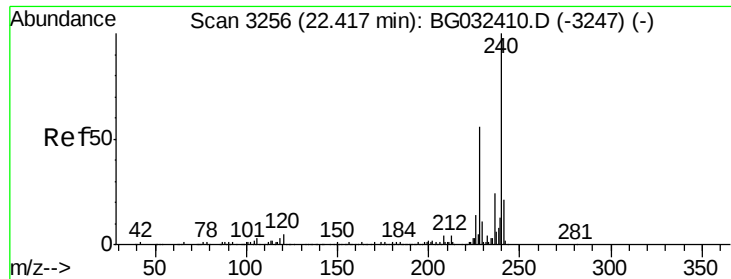
Tot Ion:172 Resp: 740191
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.0 45.0
 170 21.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.06 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

Tgt Ion:188 Resp: 251542
 Ion Ratio Lower Upper
 188 100
 94 3.7 6.9 10.3#
 80 3.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.39 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

RO-201

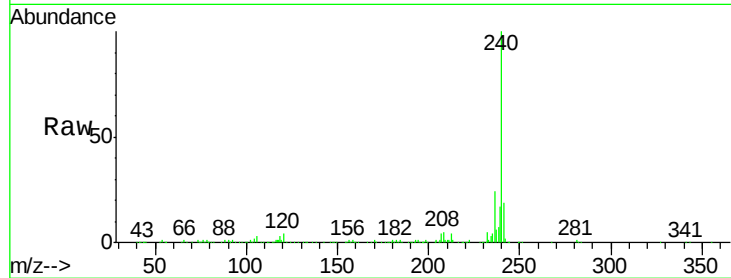
Tot Ion:240 Resp: 321489

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

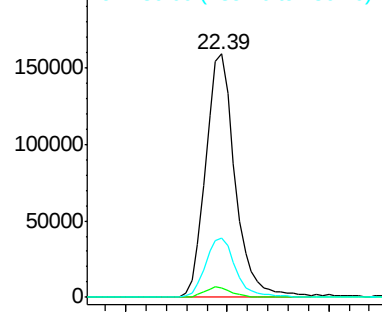
236 24.3 20.9 31.3



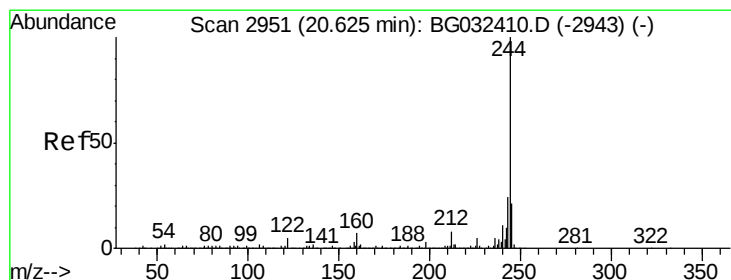
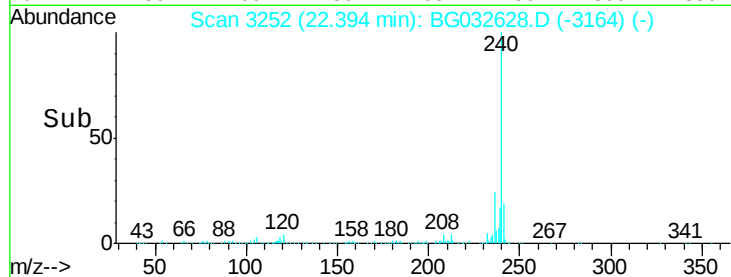
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 104.636 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

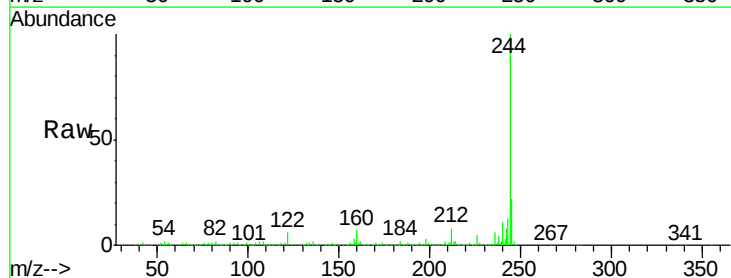
Tgt Ion:244 Resp: 1570409

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

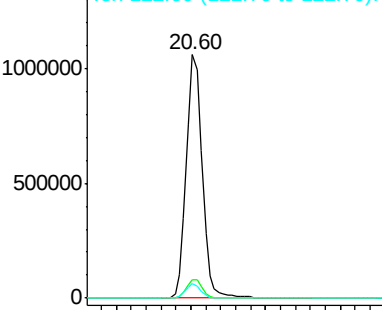
122 5.8 7.0 10.4#



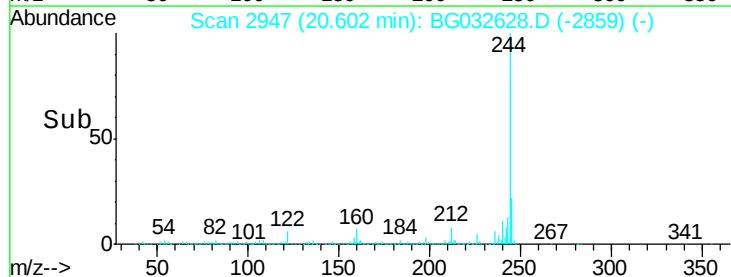
Abundance Ion 244.00 (243.70 to 244.70): E

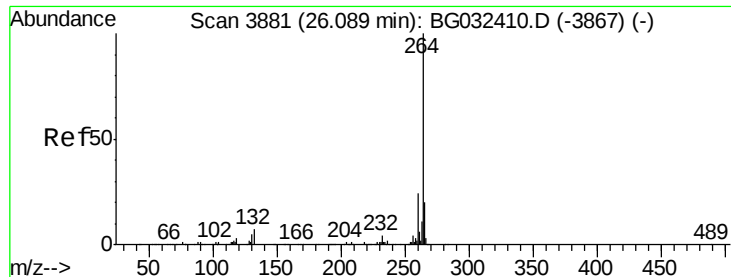
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

Instrument :
 BNA_G
 ClientSampleId :
 RO-201

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	19.7	17.7	26.5

