

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
 Data File : BG032743.D
 Acq On : 16 Feb 2018 18:21
 Operator : SJ/JU
 Sample : J1401-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-021518-A

Quant Time: Feb 16 22:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 18:34:49 2018
 Response via : Initial Calibration

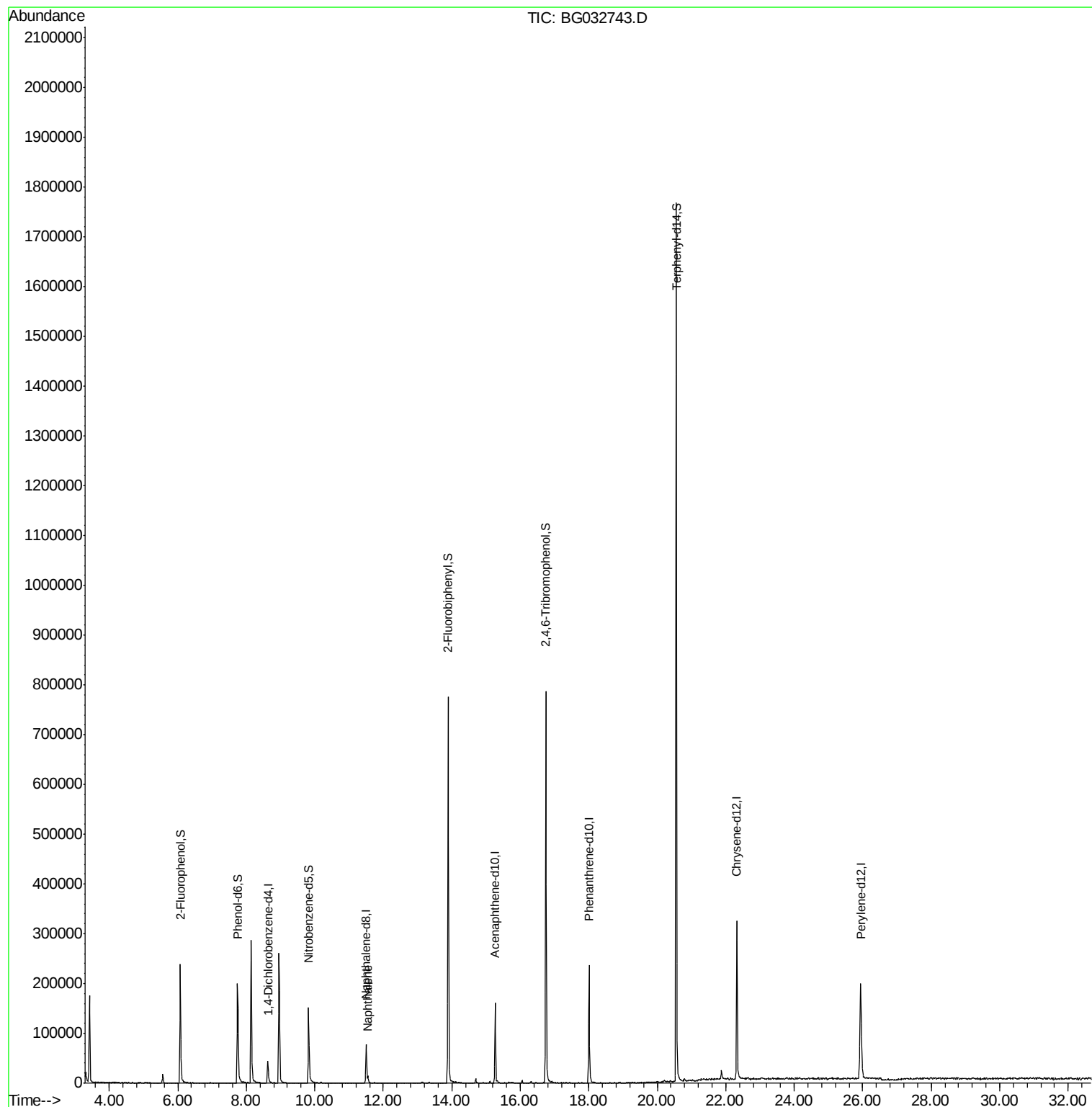
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.62	152	18974	20.00	ng	0.00
21) Naphthalene-d8	11.50	136	85102	20.00	ng	0.00
38) Acenaphthene-d10	15.27	164	64792	20.00	ng	0.00
63) Phenanthrene-d10	18.01	188	176896	20.00	ng	0.00
75) Chrysene-d12	22.32	240	254688	20.00	ng	0.00
86) Perylene-d12	25.94	264	277894	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	128968	136.37	ng	0.00
7) Phenol-d6	7.75	99	134388	103.92	ng	0.00
23) Nitrobenzene-d5	9.82	82	103386	77.21	ng	0.00
41) 2,4,6-Tribromophenol	16.75	330	192868	193.32	ng	0.00
44) 2-Fluorobiphenyl	13.89	172	479365	92.52	ng	0.00
78) Terphenyl-d14	20.56	244	961132	86.01	ng	0.00
Target Compounds						
31) Naphthalene	11.55	128	10359	2.507	ng	Qvalue 97

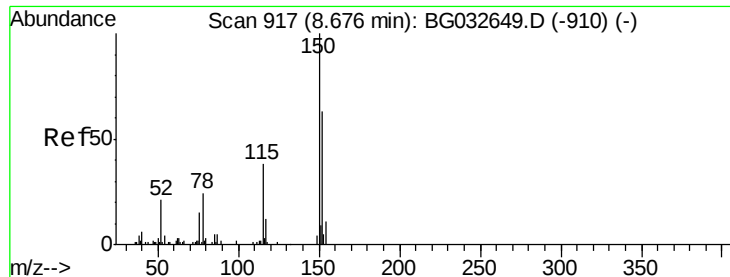
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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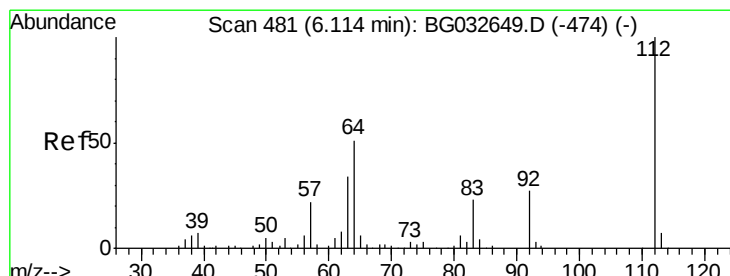
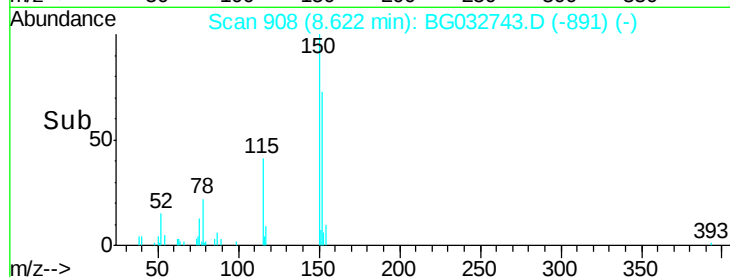
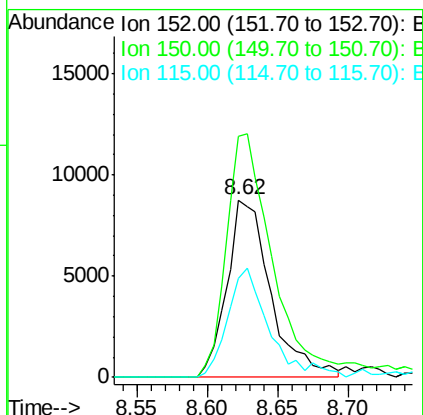
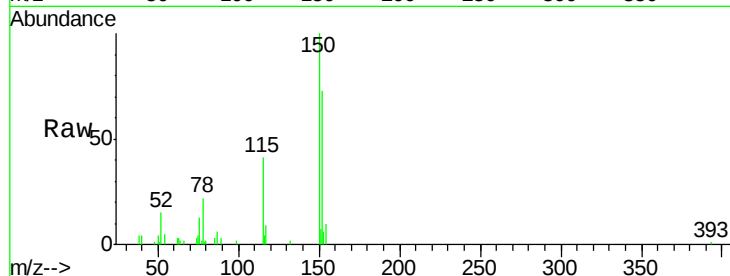


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG032743.D
Acq: 16 Feb 2018 18:21

Instrument :
BNA_G
ClientSampleId :
SA-06-021518-A

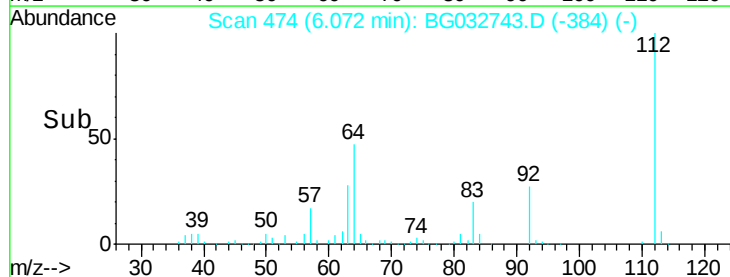
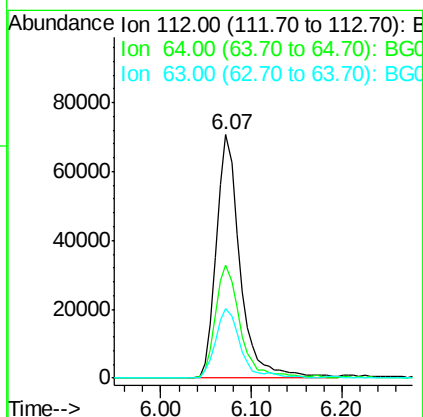
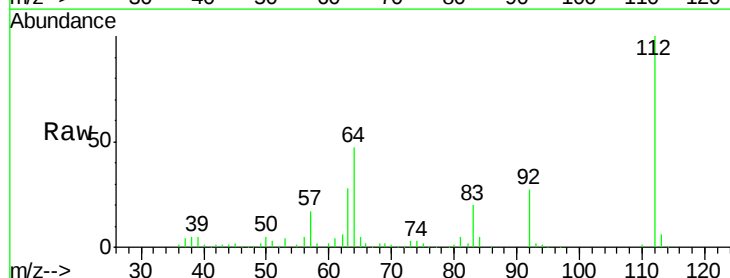
Tgt Ion:152 Resp: 18974
Ion Ratio Lower Upper
152 100
150 136.2 126.6 189.8
115 55.7 53.0 79.4

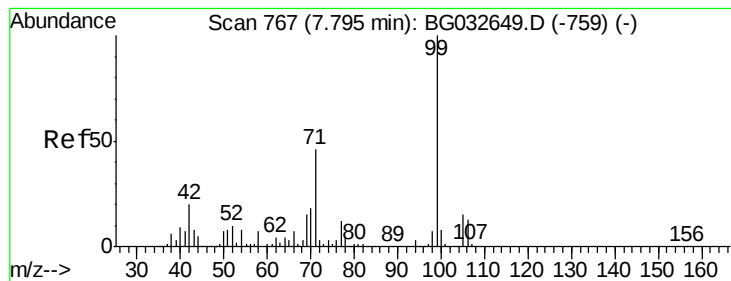


#5

2-Fluorophenol
Concen: 136.373 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.00 min
Lab File: BG032743.D
Acq: 16 Feb 2018 18:21

Tgt Ion:112 Resp: 128968
Ion Ratio Lower Upper
112 100
64 46.5 56.3 84.5#
63 28.4 30.1 45.1#





#7

Phenol-d6

Concen: 103.924 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG032743.D

Acq: 16 Feb 2018 18:21

Instrument :

BNA_G

ClientSampleId :

SA-06-021518-A

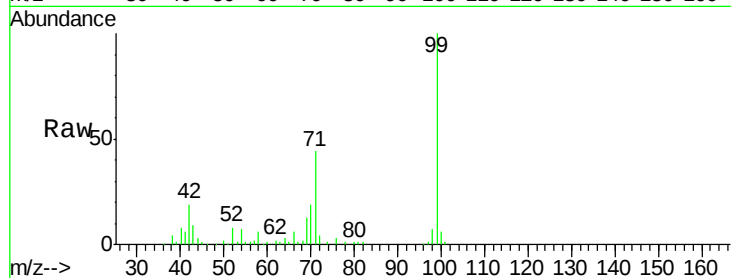
Tgt Ion: 99 Resp: 134388

Ion Ratio Lower Upper

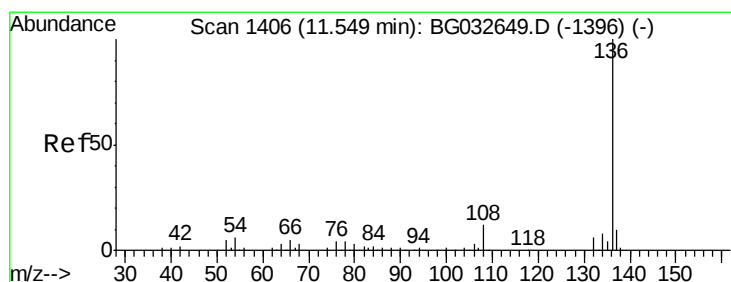
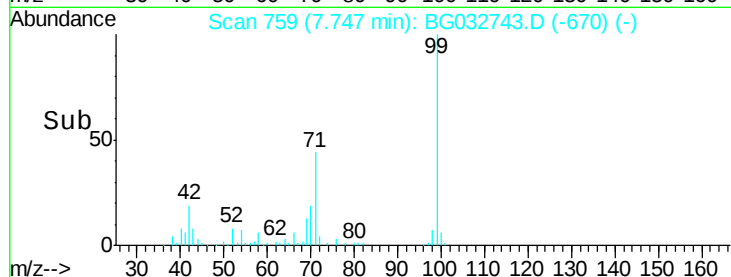
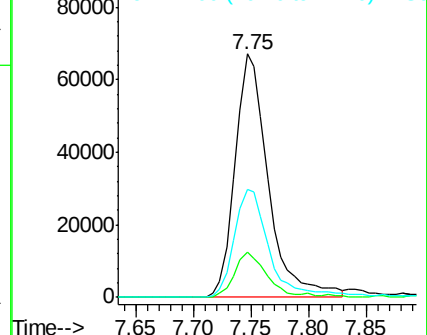
99 100

42 18.5 14.1 21.1

71 44.2 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. -0.00 min

Lab File: BG032743.D

Acq: 16 Feb 2018 18:21

Tgt Ion: 136 Resp: 85102

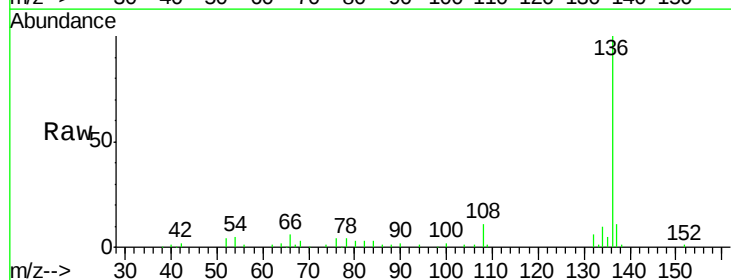
Ion Ratio Lower Upper

136 100

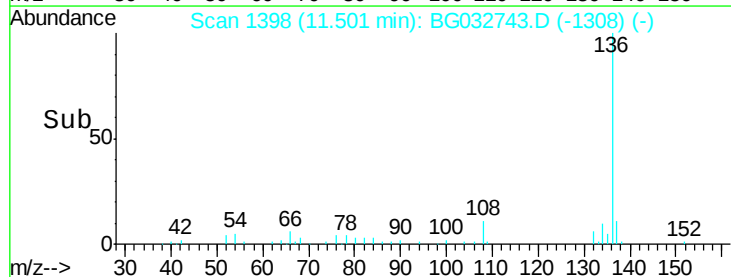
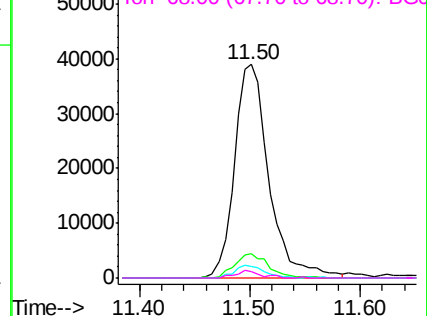
137 11.4 9.2 13.8

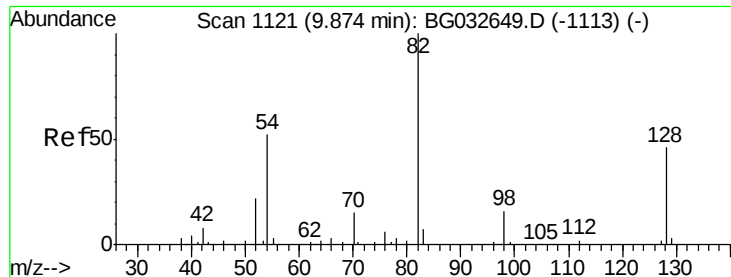
54 5.2 10.3 15.5#

68 2.9 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

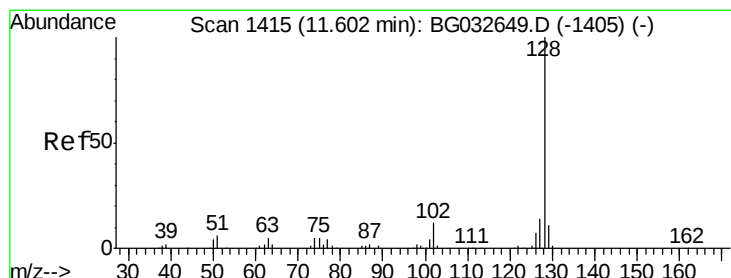
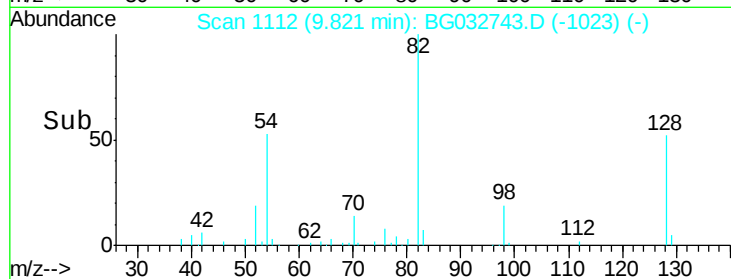
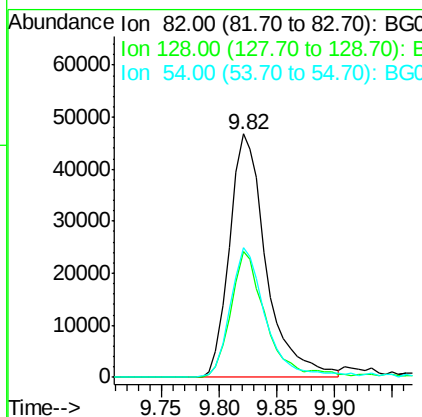
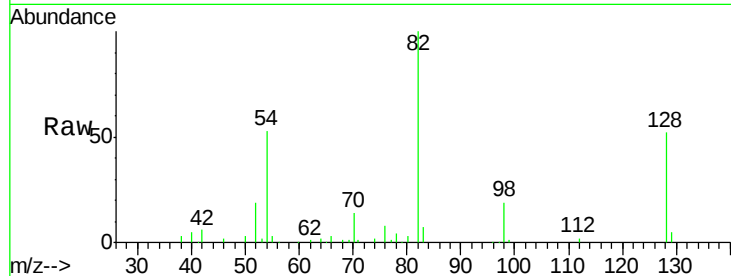




#23
 Nitrobenzene-d5
 Concen: 77.210 ng
 RT: 9.82 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG032743.D
 Acq: 16 Feb 2018 18:21

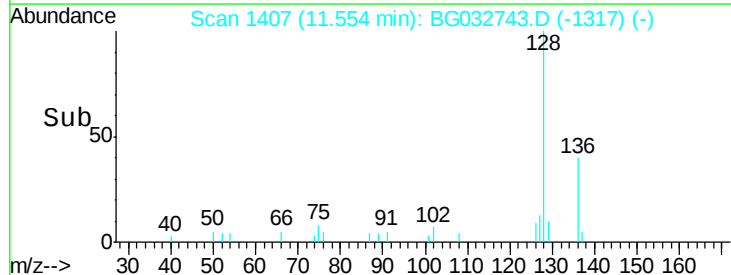
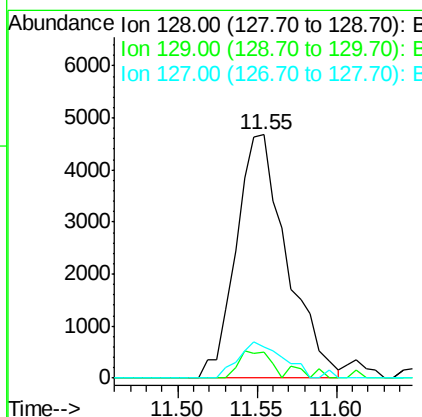
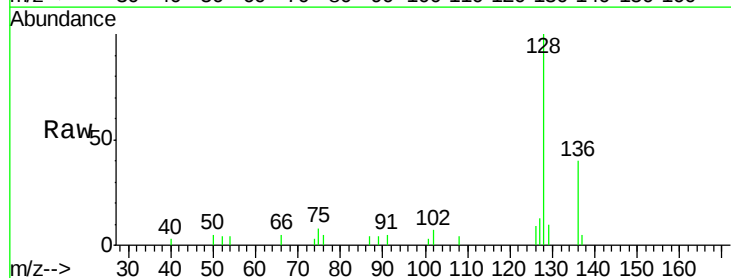
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-021518-A

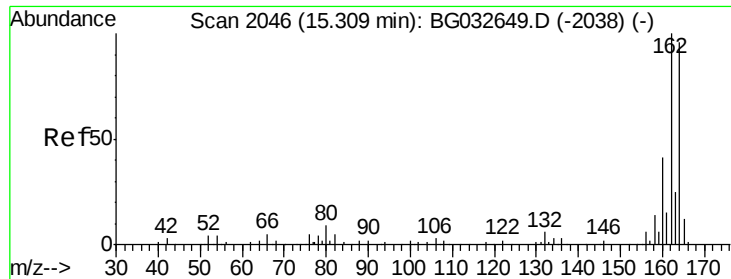
Tgt Ion: 82 Resp: 103386
 Ion Ratio Lower Upper
 82 100
 128 51.7 29.7 44.5#
 54 53.0 43.1 64.7



#31
 Naphthalene
 Concen: 2.507 ng
 RT: 11.55 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BG032743.D
 Acq: 16 Feb 2018 18:21

Tgt Ion: 128 Resp: 10359
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 12.8
 127 12.6 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG032743.D

Acq: 16 Feb 2018 18:21

Instrument :

BNA_G

ClientSampleId :

SA-06-021518-A

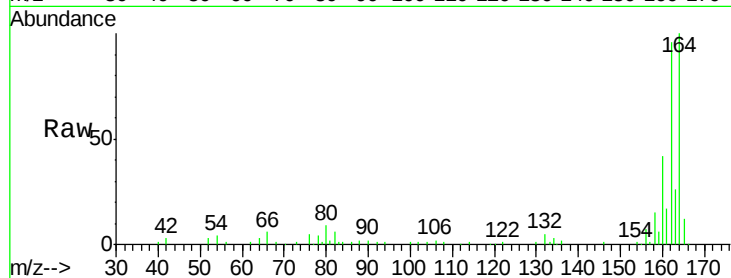
Tgt Ion:164 Resp: 64792

Ion Ratio Lower Upper

164 100

162 95.9 78.8 118.2

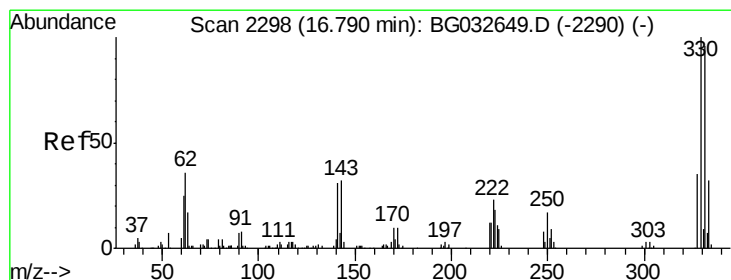
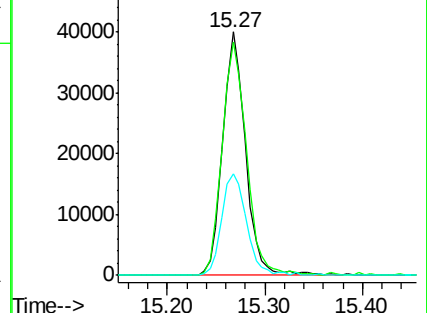
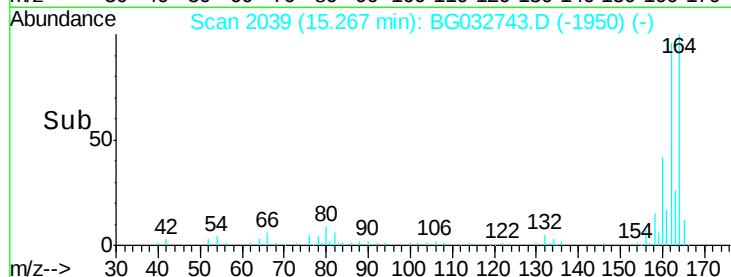
160 41.7 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 193.320 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG032743.D

Acq: 16 Feb 2018 18:21

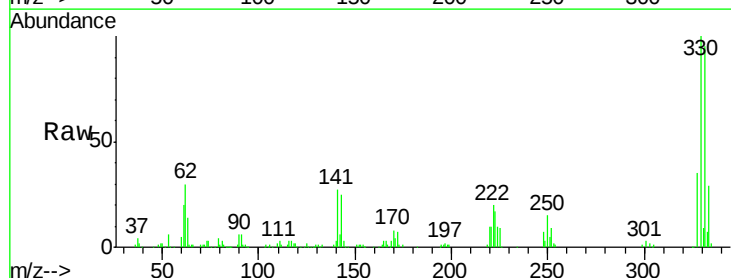
Tgt Ion:330 Resp: 192868

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

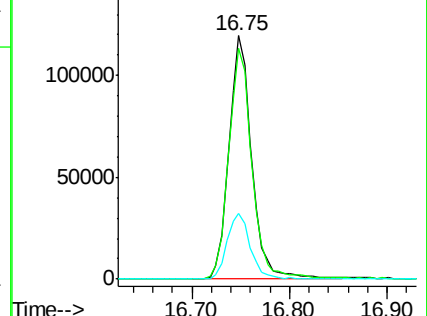
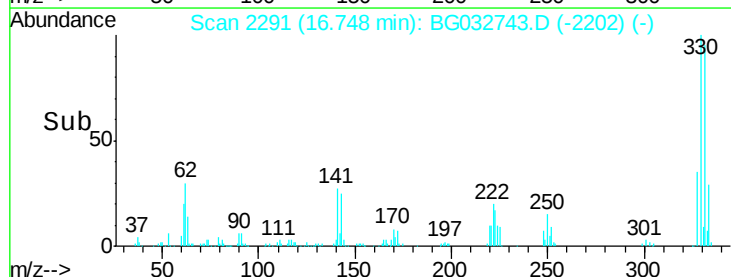
141 27.2 25.2 37.8

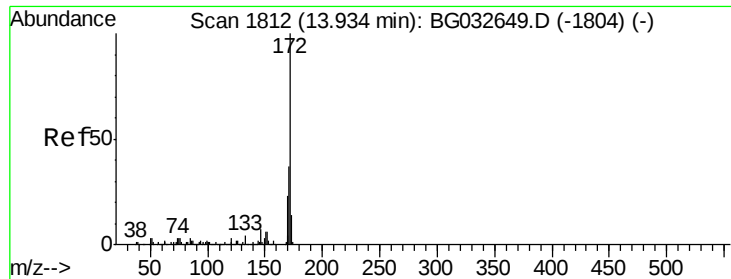


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.521 ng

RT: 13.89 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG032743.D

Acq: 16 Feb 2018 18:21

Instrument :

BNA_G

ClientSampleId :

SA-06-021518-A

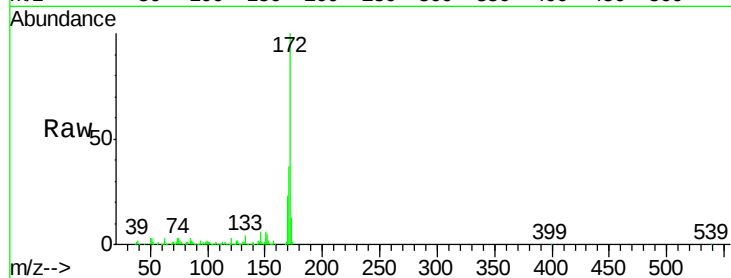
Tgt Ion:172 Resp: 479365

Ion Ratio Lower Upper

172 100

171 36.6 30.0 45.0

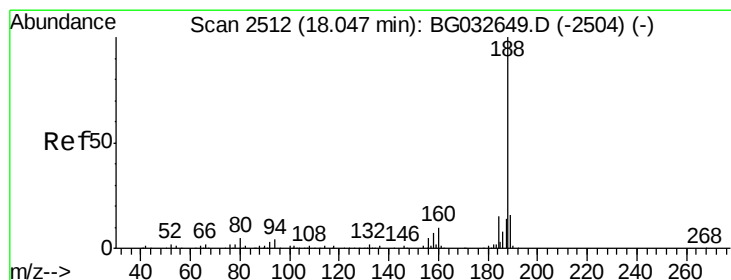
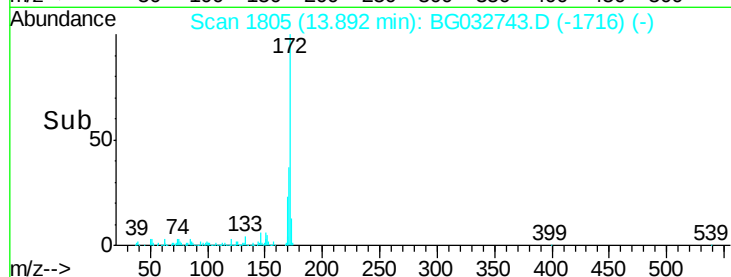
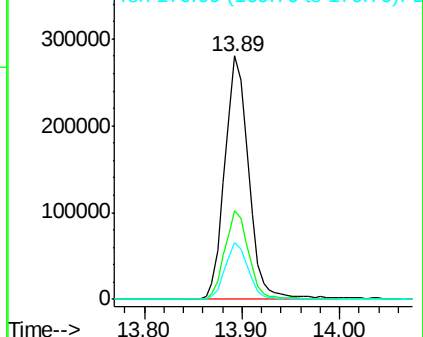
170 23.4 19.5 29.3



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: 18.01 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG032743.D

Acq: 16 Feb 2018 18:21

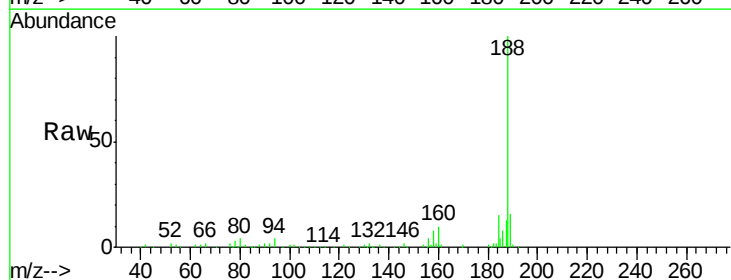
Tgt Ion:188 Resp: 176896

Ion Ratio Lower Upper

188 100

94 3.6 6.9 10.3#

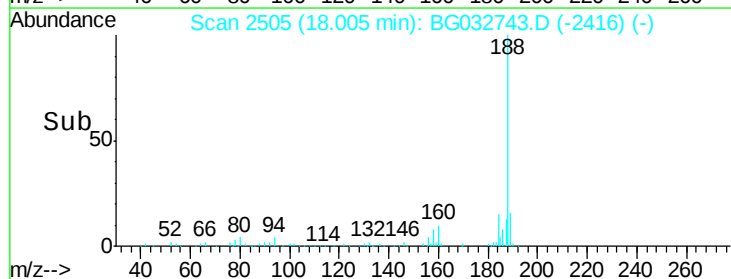
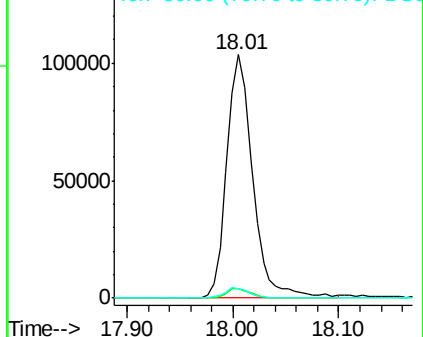
80 4.1 7.7 11.5#

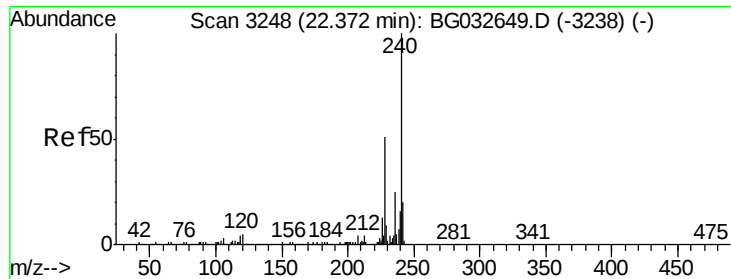


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

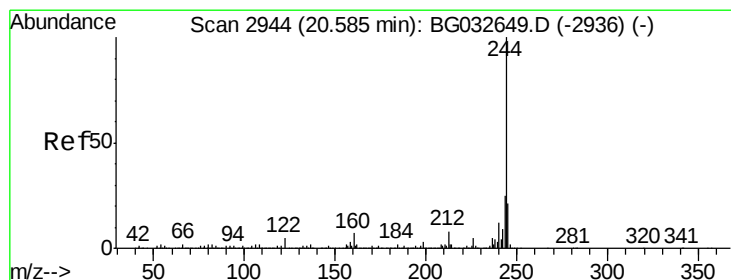
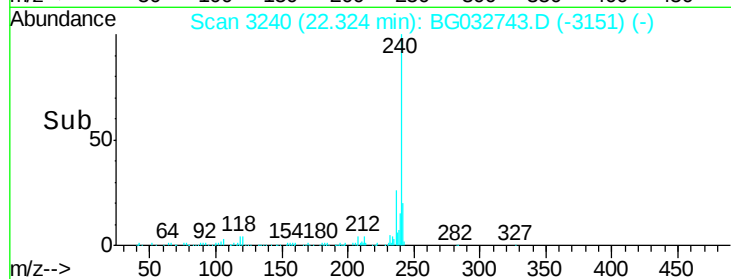
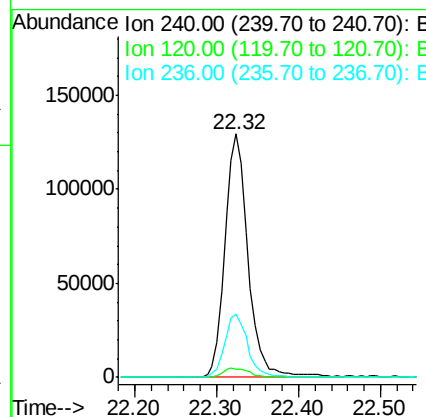
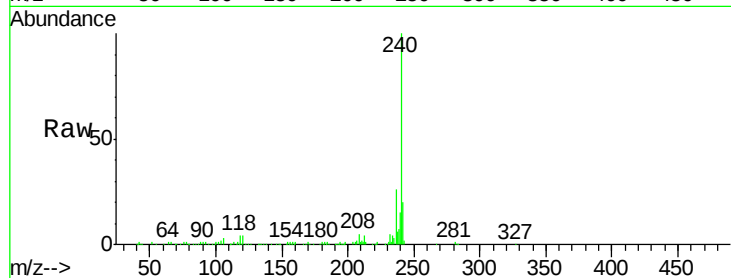




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.32 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG032743.D
 Acq: 16 Feb 2018 18:21

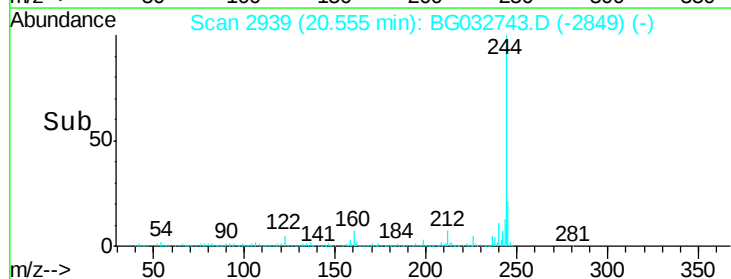
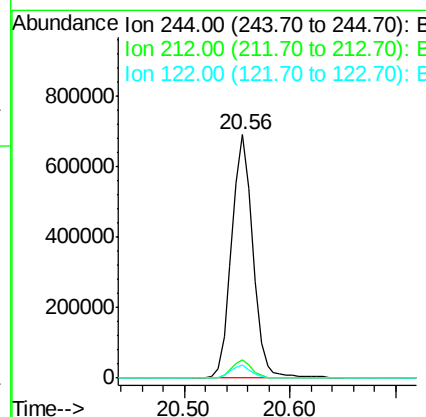
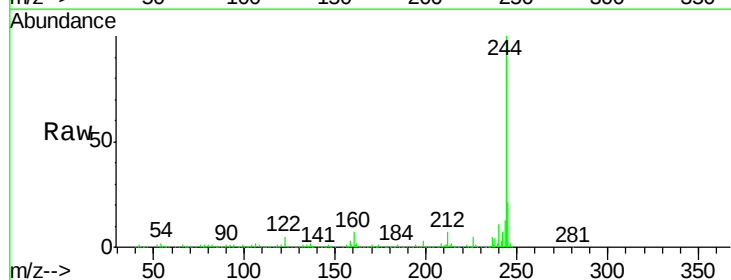
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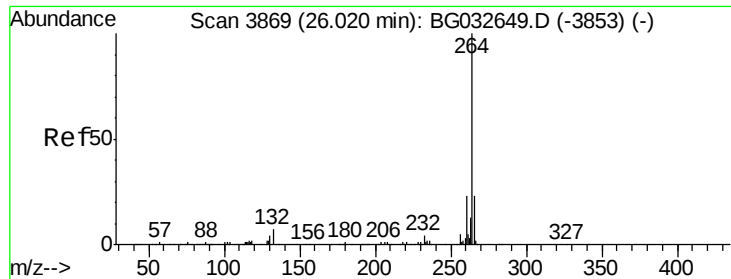
Tgt Ion:240 Resp: 254688
 Ion Ratio Lower Upper
 240 100
 120 3.6 6.8 10.2#
 236 25.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 86.012 ng
 RT: 20.56 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG032743.D
 Acq: 16 Feb 2018 18:21

Tgt Ion:244 Resp: 961132
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 5.2 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.94 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BG032743.D
Acq: 16 Feb 2018 18:21

Instrument :
BNA_G
ClientSampleId :
SA-06-021518-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.9	17.7	26.5

