

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032726.D
 Acq On : 15 Feb 2018 22:56
 Operator : SJ/JU
 Sample : J1565-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 19558

Quant Time: Feb 16 03:03:22 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	23891	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	93466	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	64512	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	140903	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	274149	20.00	ng	-0.05
86) Perylene-d12	25.93	264	235262	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	154563	129.80	ng	-0.04
7) Phenol-d6	7.75	99	170049	104.44	ng	-0.04
23) Nitrobenzene-d5	9.83	82	138697	94.31	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	194091	195.39	ng	-0.04
44) 2-Fluorobiphenyl	13.89	172	450249	87.28	ng	-0.04
78) Terphenyl-d14	20.56	244	1188617	98.82	ng	-0.03

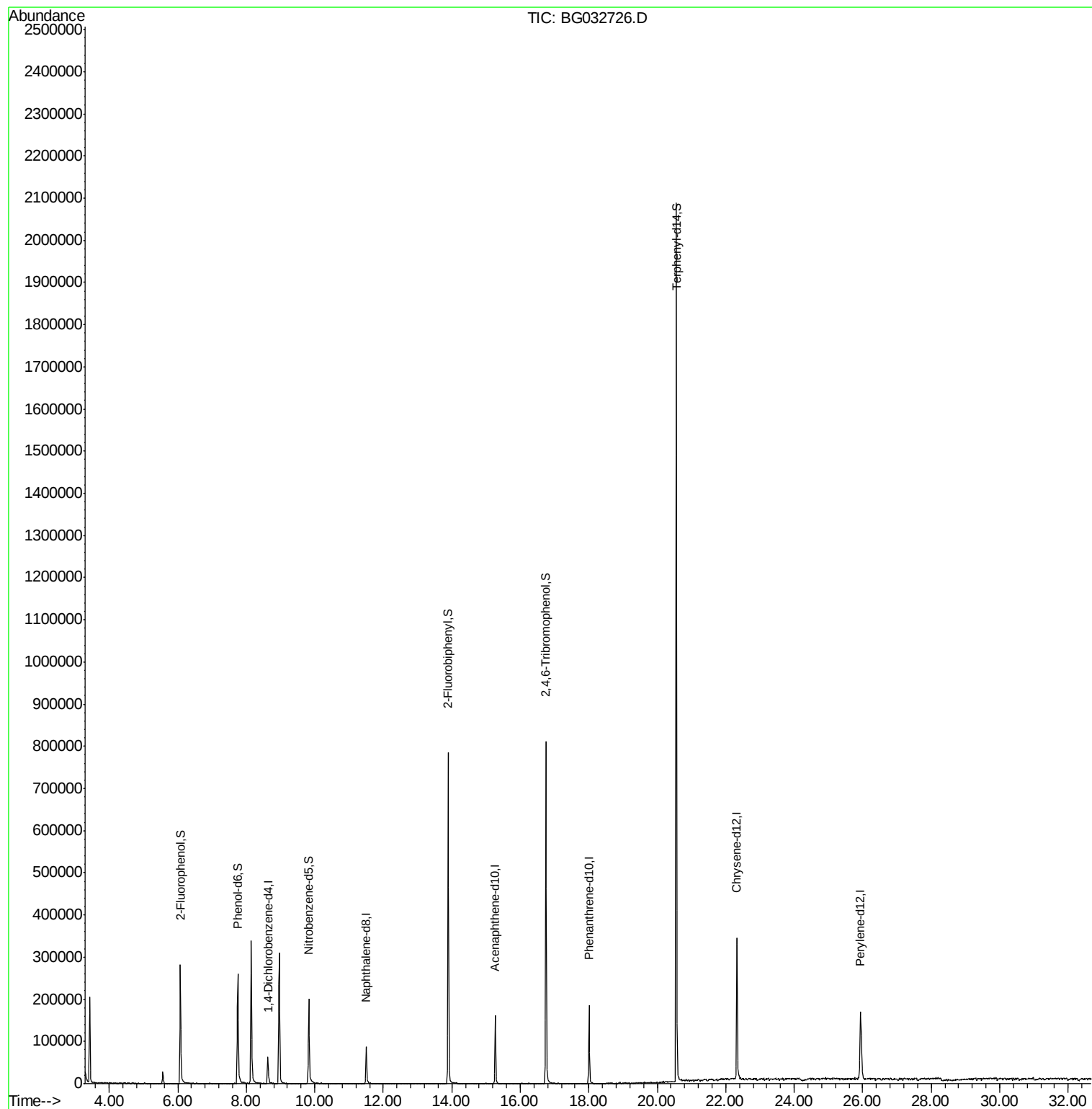
Target Compounds Qvalue

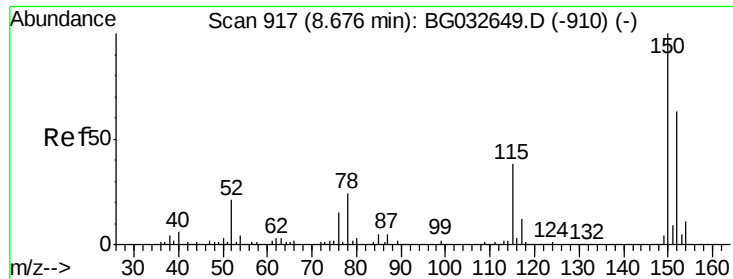
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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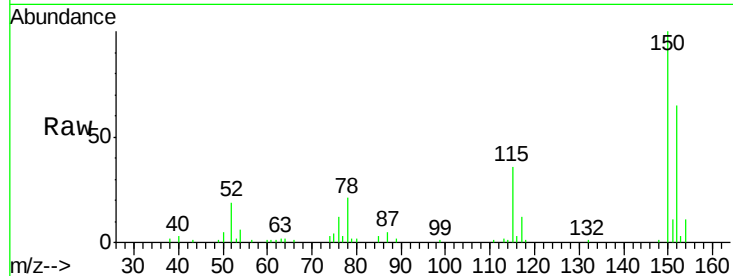


#1

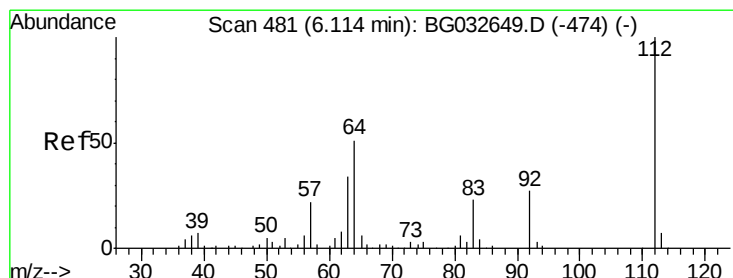
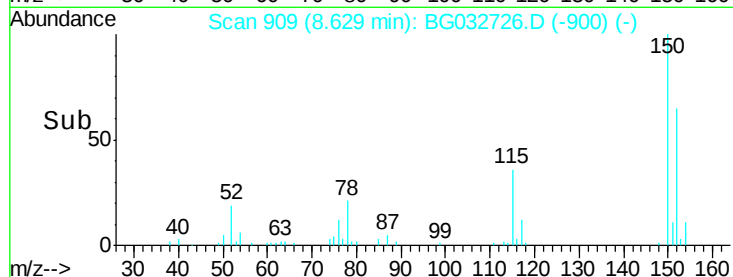
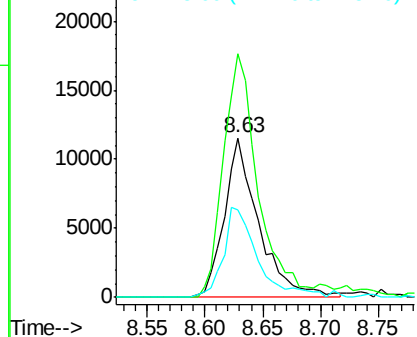
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032726.D
Acq: 15 Feb 2018 22:56

Instrument :
BNA_G
ClientSampleId :
19558

Tot Ion:152 Resp: 23891
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 54.6 53.0 79.4



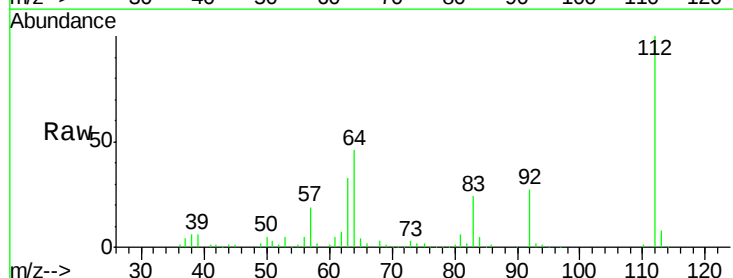
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



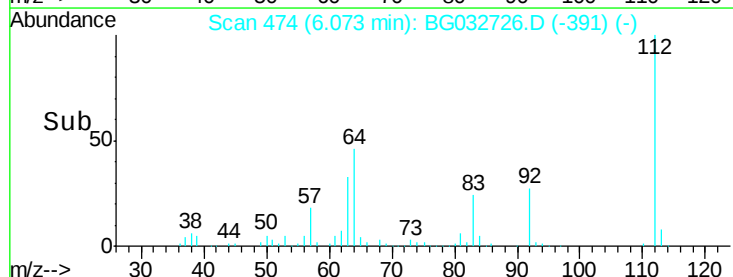
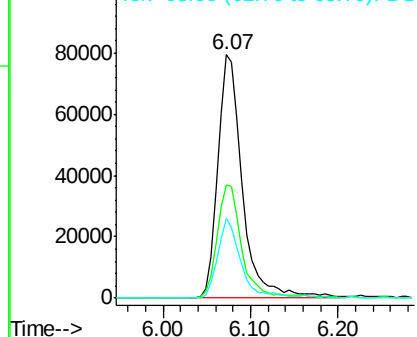
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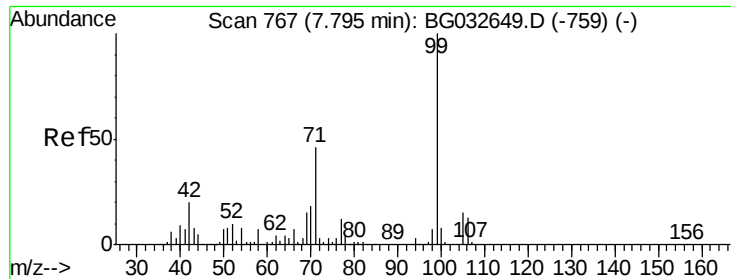
2-Fluorophenol
Concen: 129.801 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032726.D
Acq: 15 Feb 2018 22:56

Tgt Ion:112 Resp: 154563
Ion Ratio Lower Upper
112 100
64 46.4 56.3 84.5#
63 32.5 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: 104.437 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032726.D

Acq: 15 Feb 2018 22:56

Instrument :

BNA_G

ClientSampleId :

19558

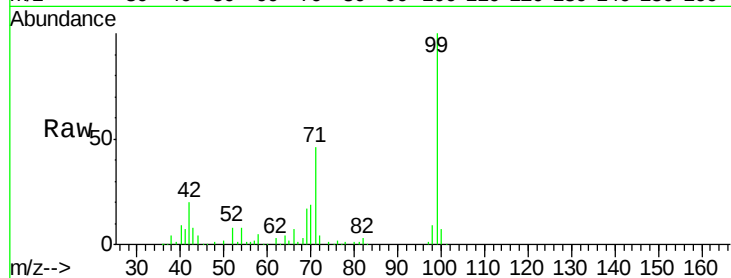
Tot Ion: 99 Resp: 170049

Ion Ratio Lower Upper

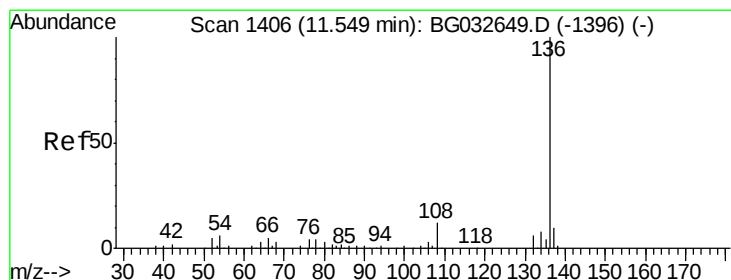
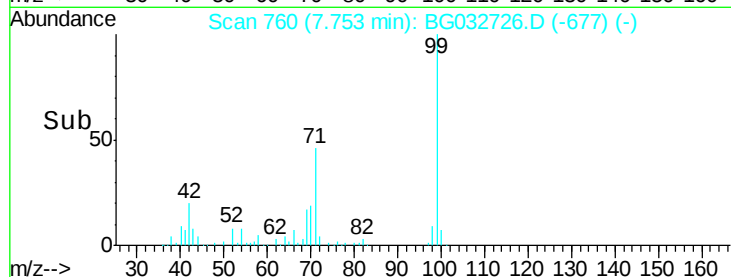
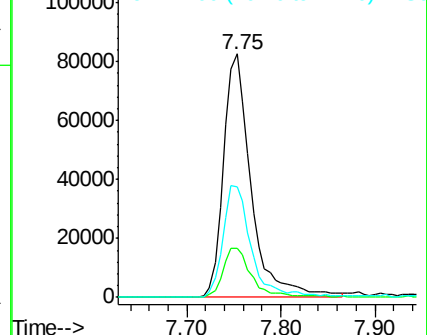
99 100

42 20.3 14.1 21.1

71 45.5 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: BG032726.D

Acq: 15 Feb 2018 22:56

Tgt Ion:136 Resp: 93466

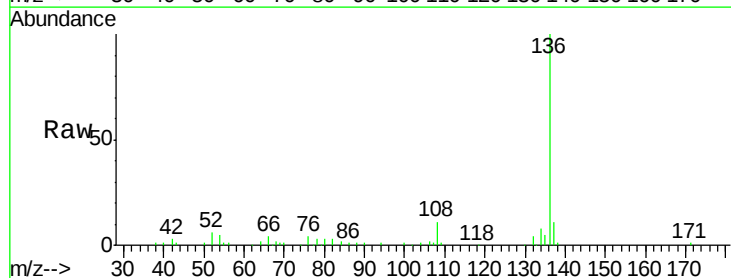
Ion Ratio Lower Upper

136 100

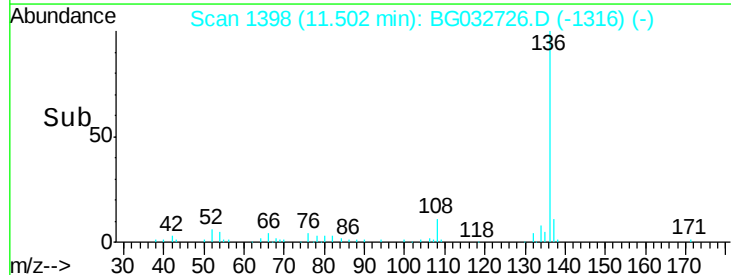
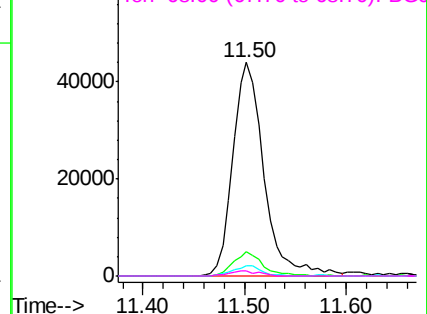
137 11.3 9.2 13.8

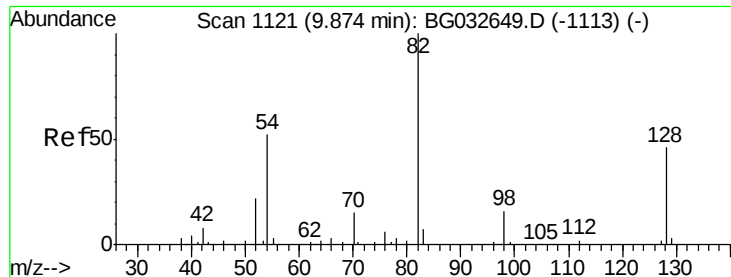
54 4.9 10.3 15.5#

68 2.2 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

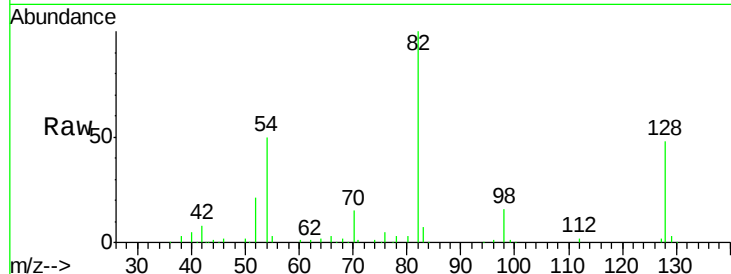




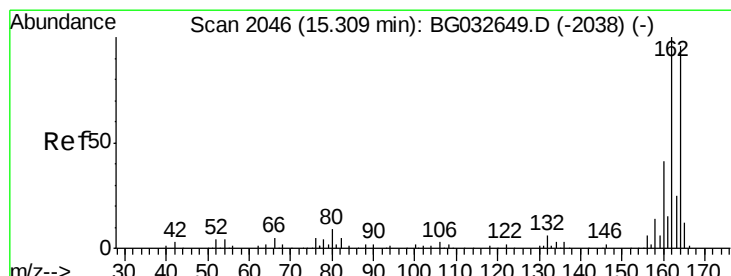
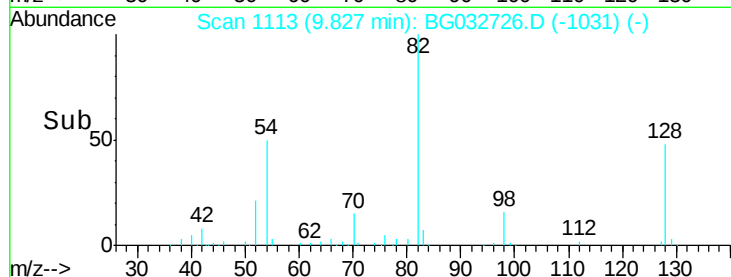
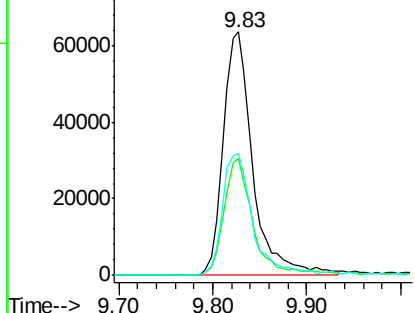
#23
Nitrobenzene-d5
Concen: 94.311 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BG032726.D
Acq: 15 Feb 2018 22:56

Instrument :
BNA_G
ClientSampled :
19558

Tot Ion: 82 Resp: 138697
Ion Ratio Lower Upper
82 100
128 48.0 29.7 44.5#
54 50.1 43.1 64.7

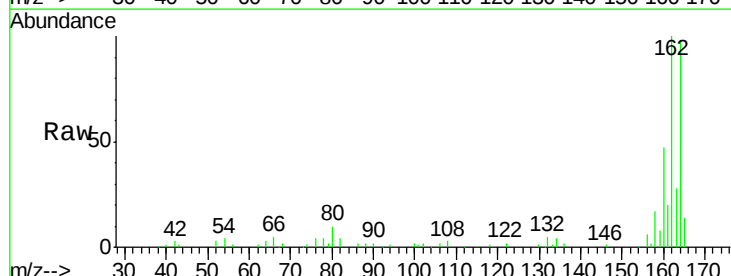


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

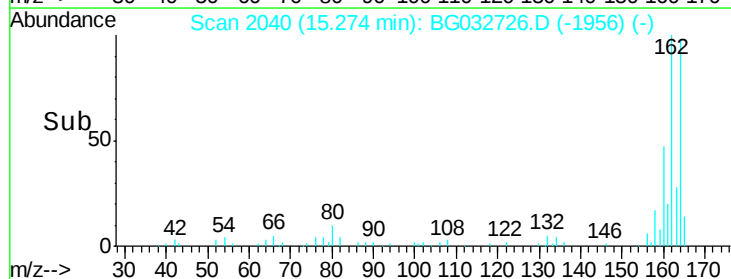
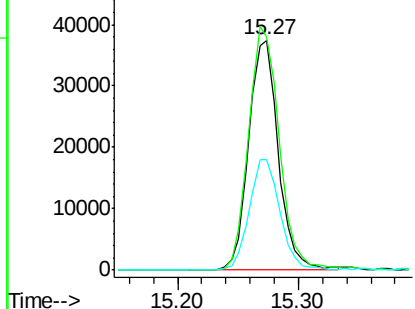


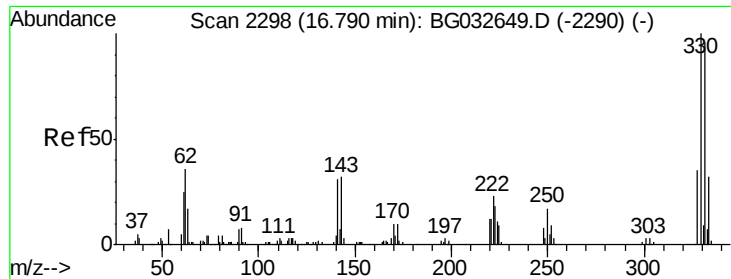
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.04 min
Lab File: BG032726.D
Acq: 15 Feb 2018 22:56

Tgt Ion:164 Resp: 64512
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 48.3 35.4 53.0



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

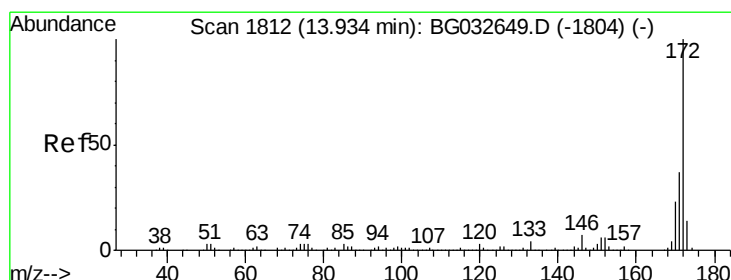
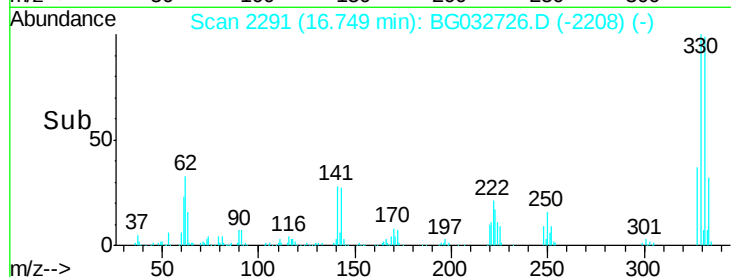
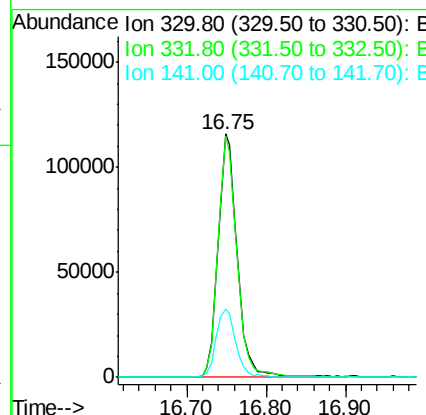
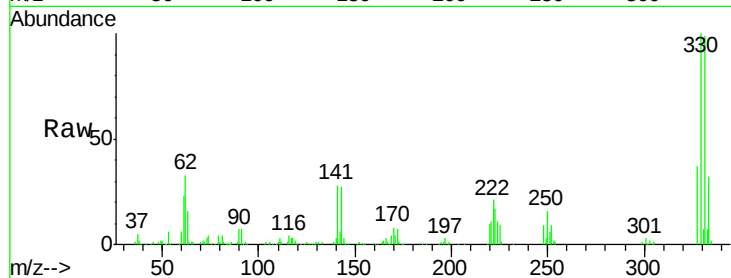




#41
 2,4,6-Tribromophenol
 Concen: 195.391 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032726.D
 Acq: 15 Feb 2018 22:56

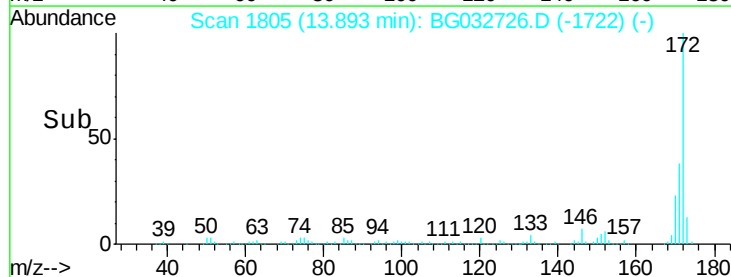
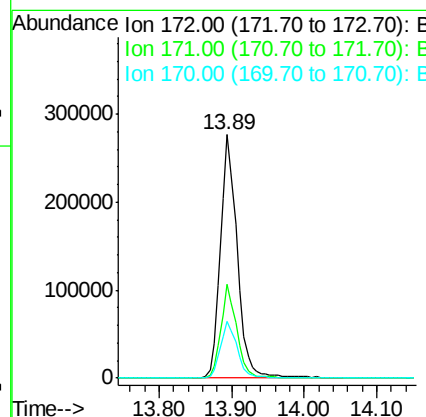
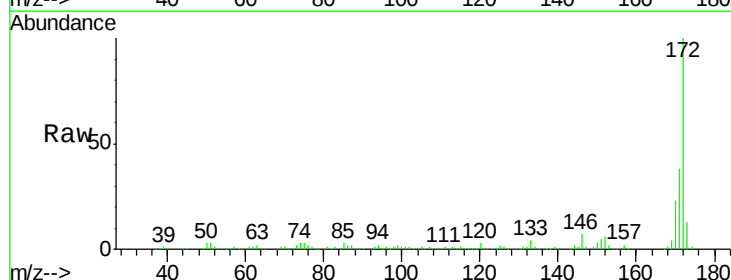
Instrument :
 BNA_G
 ClientSampleId :
 19558

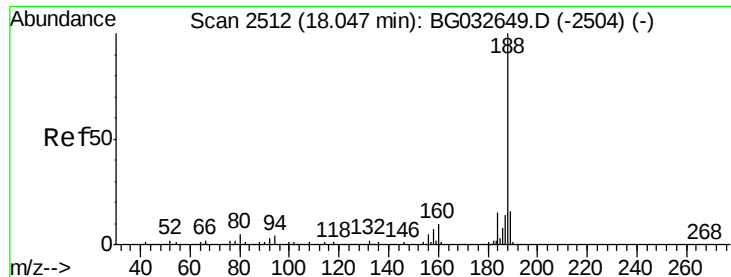
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 87.278 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032726.D
 Acq: 15 Feb 2018 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.2	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: BG032726.D

Acq: 15 Feb 2018 22:56

Instrument :

BNA_G

ClientSampled :

19558

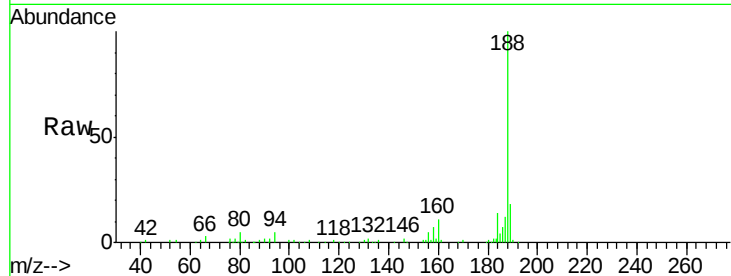
Tot Ion:188 Resp: 140903

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

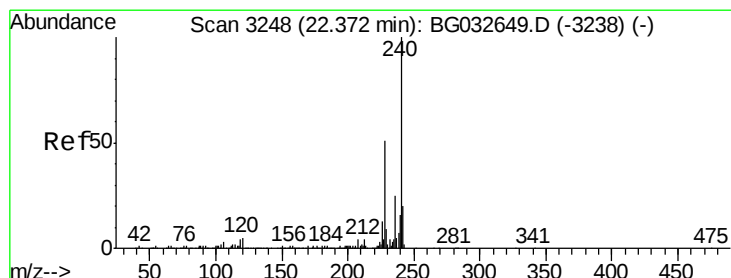
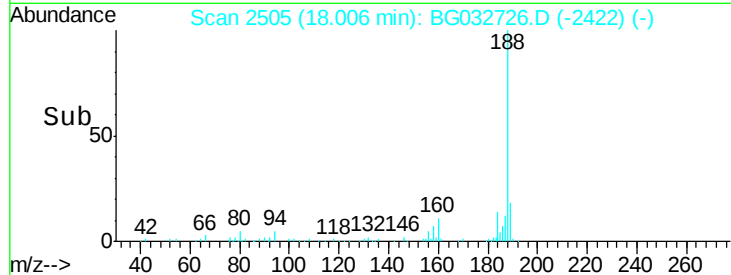
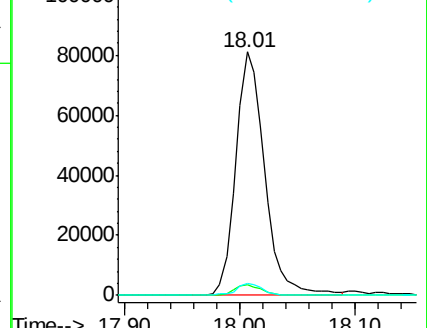
80 5.3 7.7 11.5#



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. -0.05 min

Lab File: BG032726.D

Acq: 15 Feb 2018 22:56

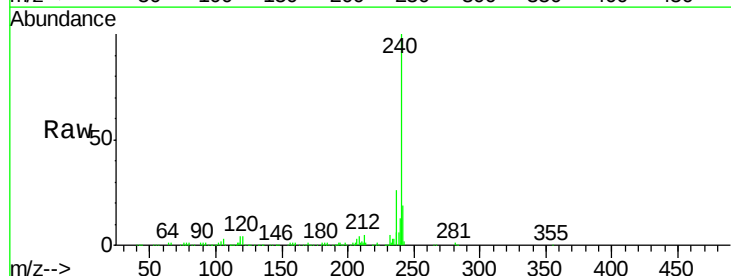
Tgt Ion:240 Resp: 274149

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

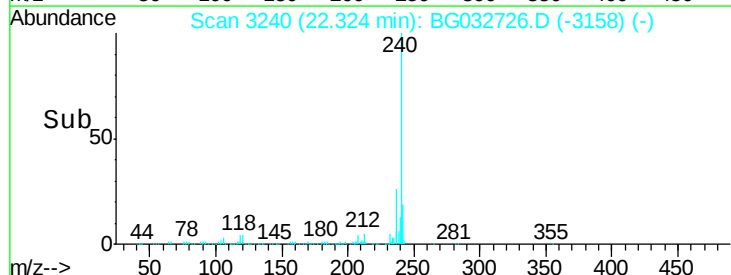
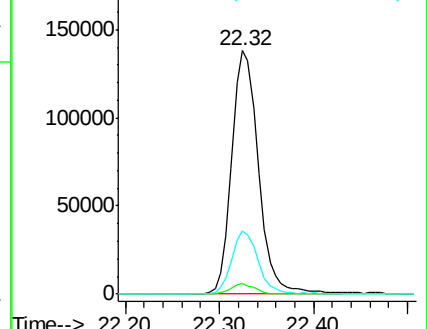
236 25.9 20.9 31.3

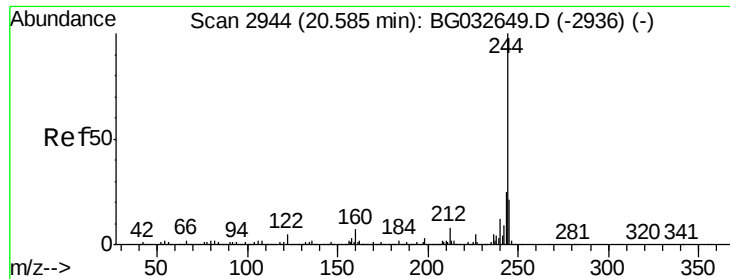


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.819 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032726.D

Acq: 15 Feb 2018 22:56

Instrument :

BNA_G

ClientSampleId :

19558

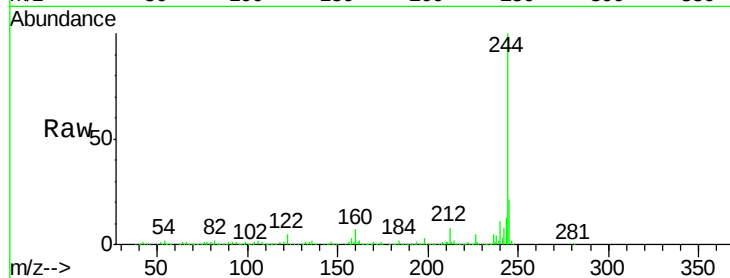
Tot Ion:244 Resp: 1188617

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

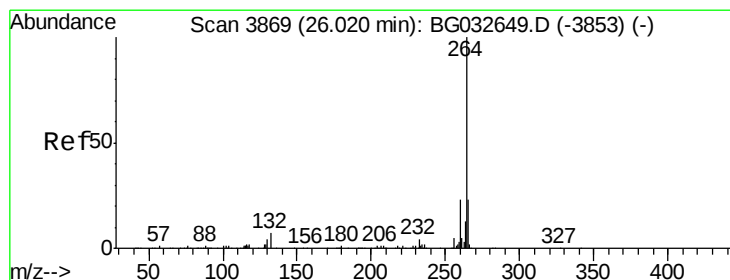
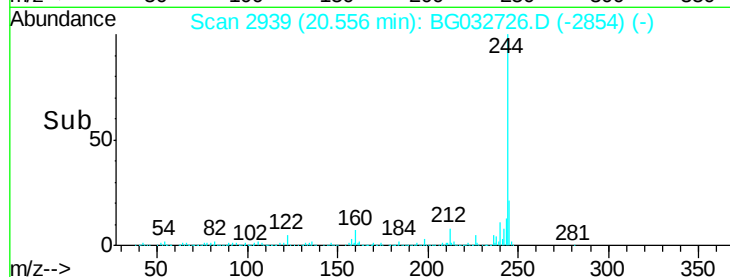
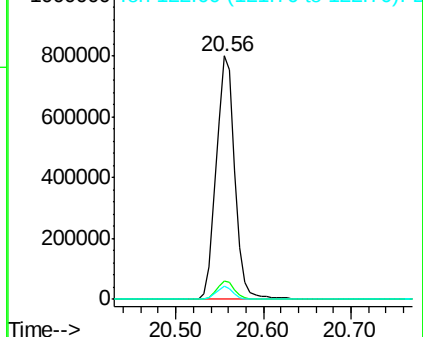
122 5.4 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.93 min Scan# 3854

Delta R.T. -0.09 min

Lab File: BG032726.D

Acq: 15 Feb 2018 22:56

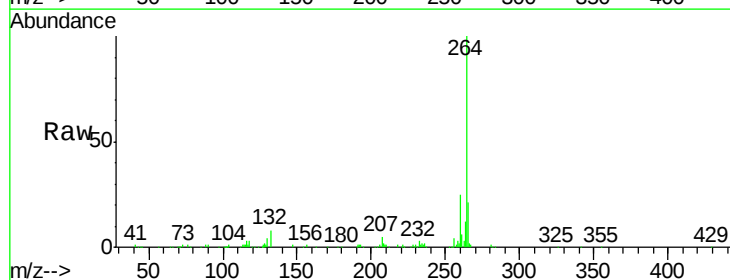
Tgt Ion:264 Resp: 235262

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 21.0 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

