

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036464.D
 Acq On : 28 Aug 2018 18:58
 Operator : JU/SJ
 Sample : J4648-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-@-8-FT

Quant Time: Aug 29 01:45:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

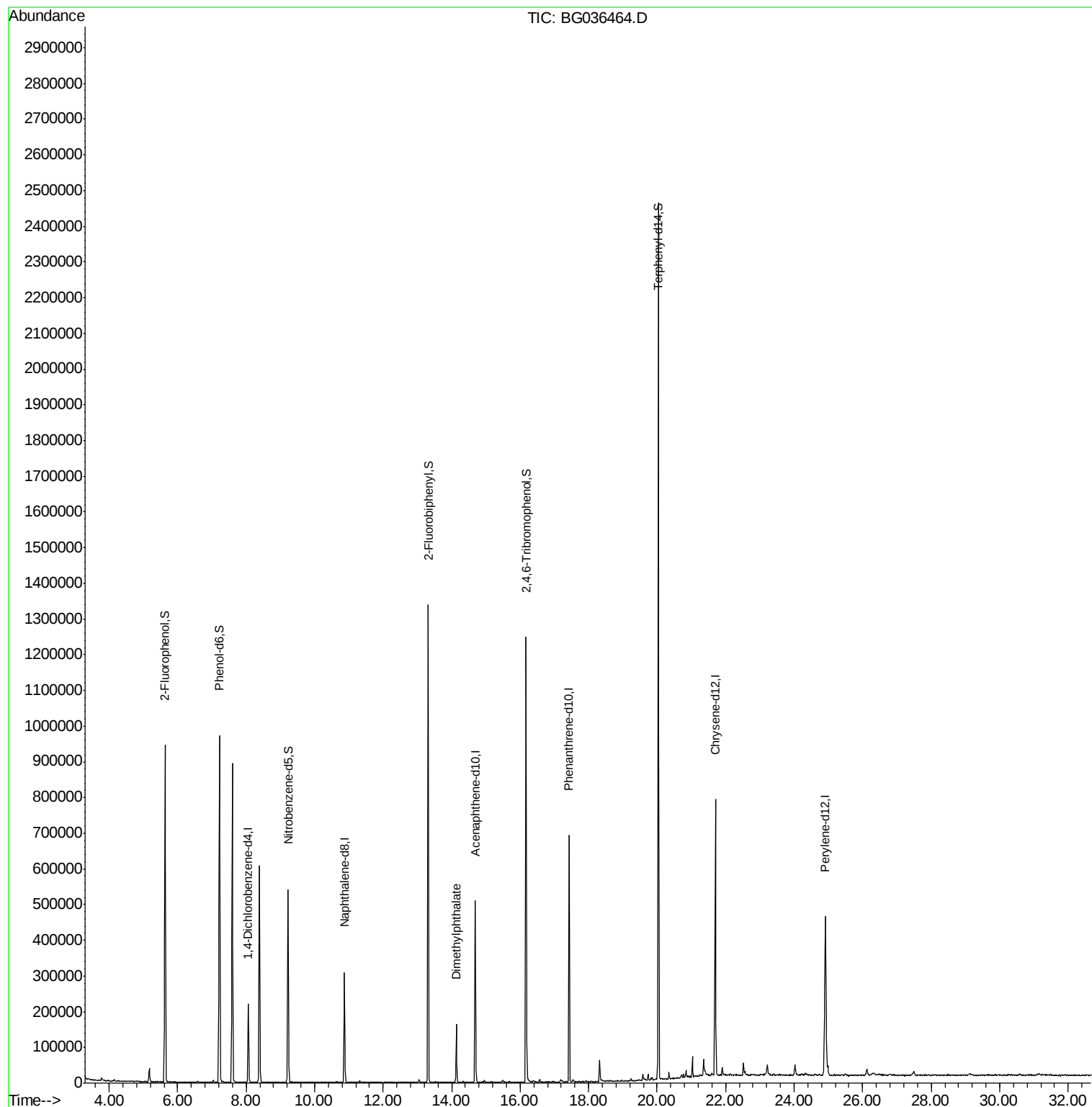
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62276	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	265231	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	172334	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	442939	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	482840	20.00	ng	-0.02
86) Perylene-d12	24.91	264	489765	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	396544	101.01	ng	0.00
7) Phenol-d6	7.21	99	567778	101.01	ng	0.00
23) Nitrobenzene-d5	9.22	82	327047	66.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	231324	112.49	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	680240	56.36	ng	-0.01
78) Terphenyl-d14	20.04	244	1127789	54.59	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	109080	7.752	ng	99

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

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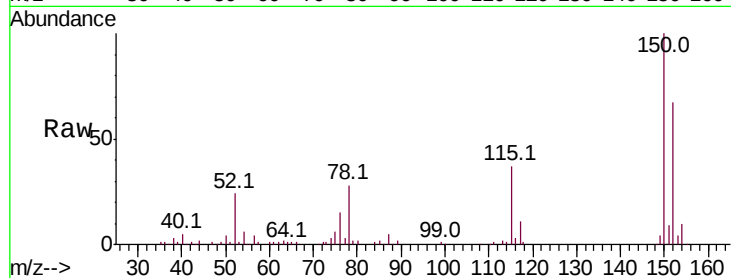


#1

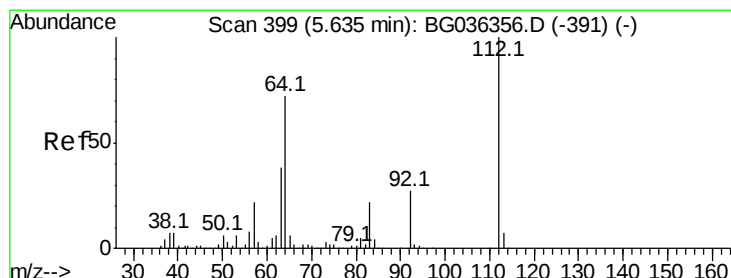
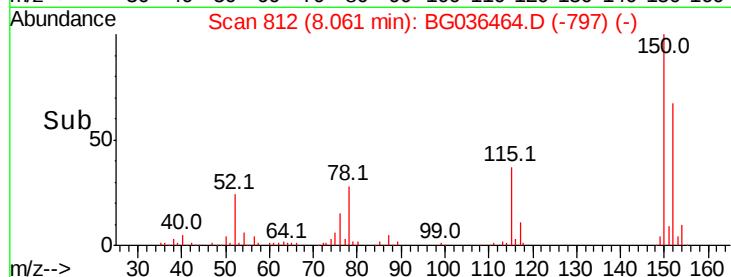
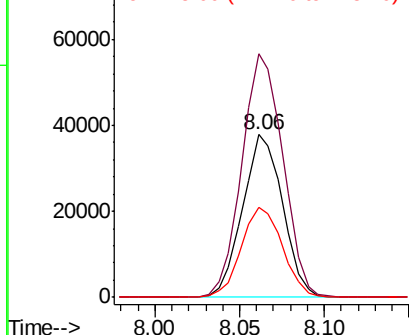
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036464.D
Acq: 28 Aug 2018 18:58

Instrument :
BNA_G
ClientSampleId :
SB-1-@-8-FT

Tot Ion:152 Resp: 62276
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 55.3 44.5 66.7



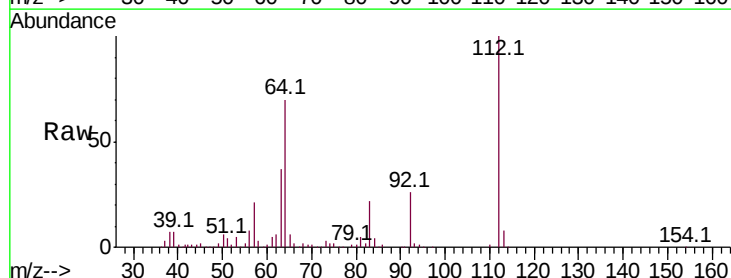
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



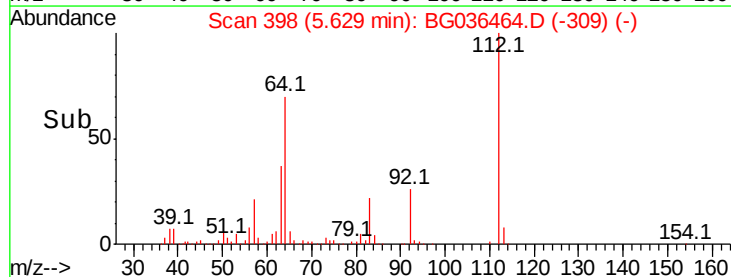
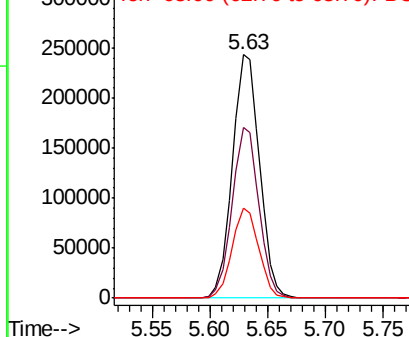
#5

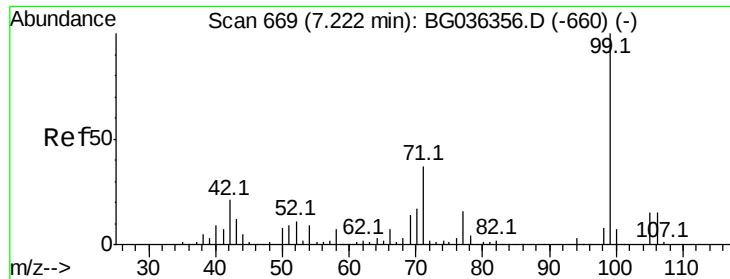
2-Fluorophenol
Concen: 101.008 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036464.D
Acq: 28 Aug 2018 18:58

Tgt Ion:112 Resp: 396544
Ion Ratio Lower Upper
112 100
64 69.9 57.2 85.8
63 36.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.012 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036464.D

Acq: 28 Aug 2018 18:58

Instrument :

BNA_G

ClientSampleId :

SB-1-@-8-FT

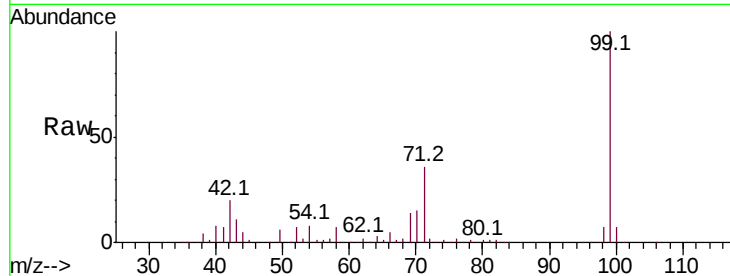
Tot Ion: 99 Resp: 567778

Ion Ratio Lower Upper

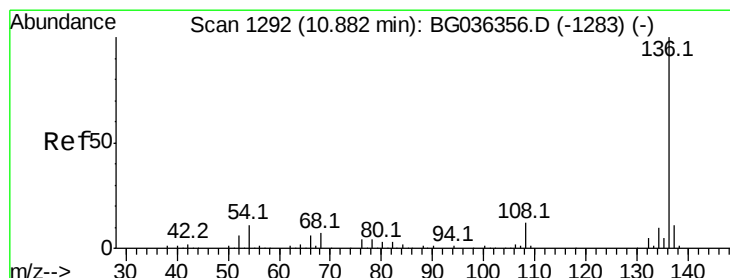
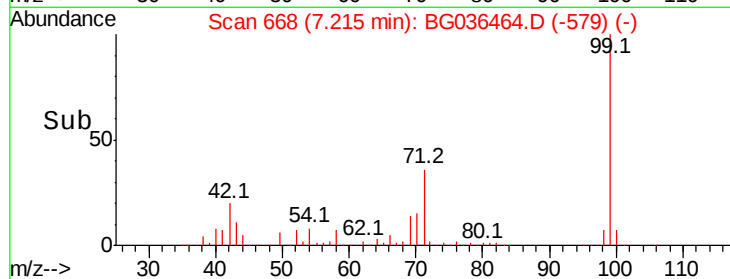
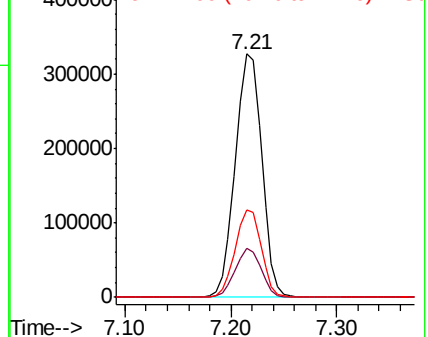
99 100

42 20.3 16.5 24.7

71 36.1 29.4 44.2



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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036464.D

Acq: 28 Aug 2018 18:58

Tgt Ion: 136 Resp: 265231

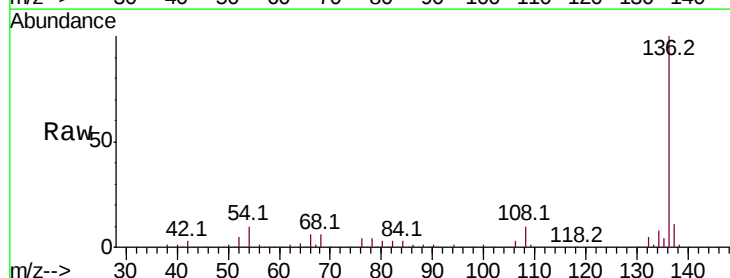
Ion Ratio Lower Upper

136 100

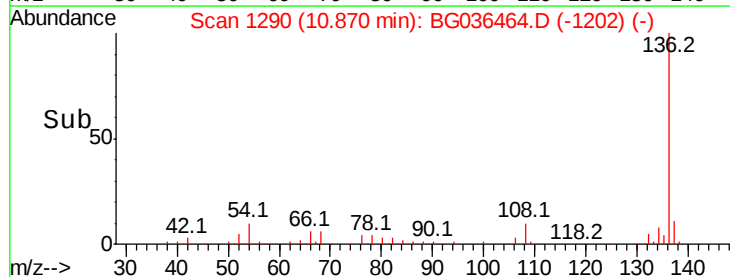
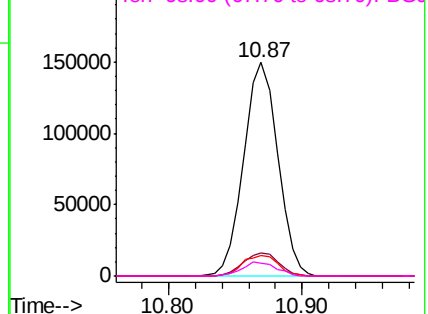
137 11.1 8.8 13.2

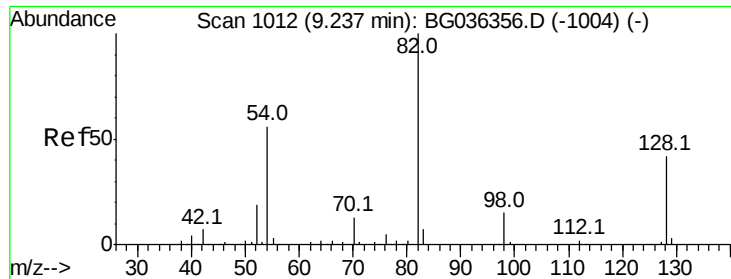
54 9.8 9.2 13.8

68 6.3 5.8 8.6



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

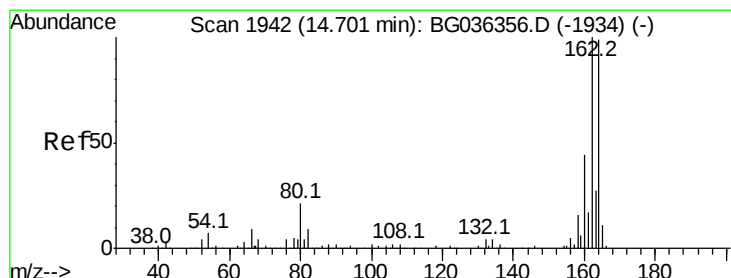
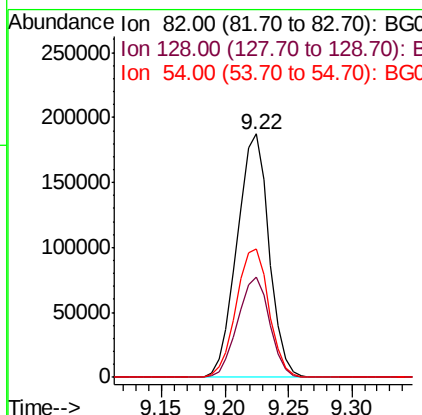
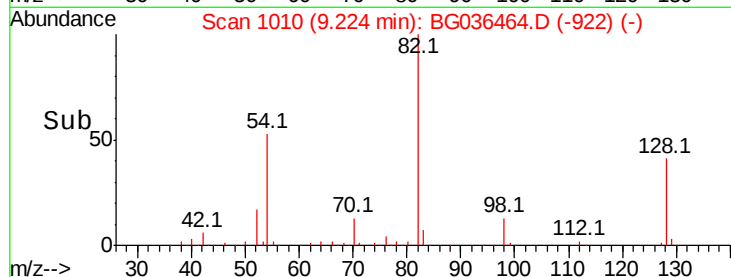
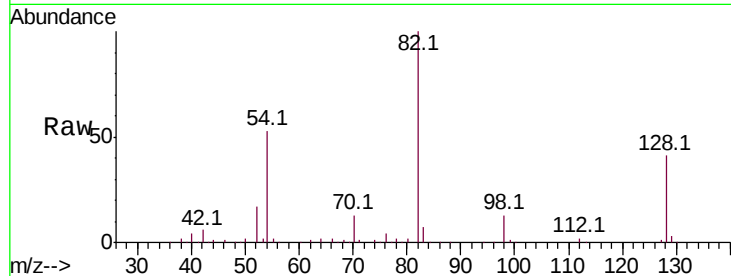




#23
 Nitrobenzene-d5
 Concen: 66.902 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036464.D
 Acq: 28 Aug 2018 18:58

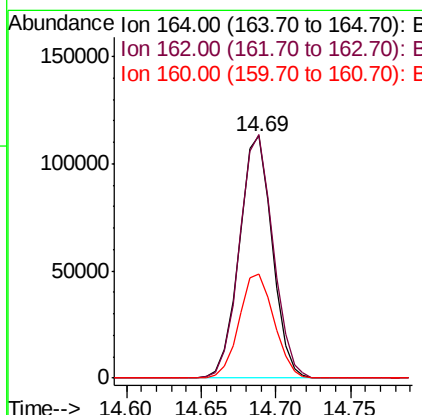
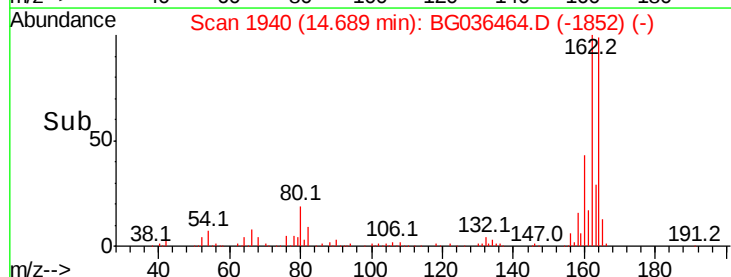
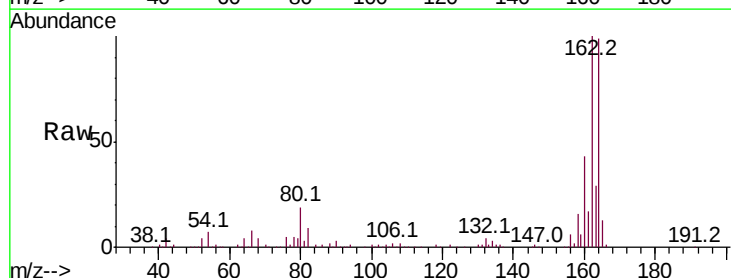
Instrument :
 BNA_G
 ClientSampleId :
 SB-1-@-8-FT

Tot Ion: 82 Resp: 327047
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.3 49.9
 54 52.8 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036464.D
 Acq: 28 Aug 2018 18:58

Tgt Ion:164 Resp: 172334
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.7 121.1
 160 43.3 35.3 52.9

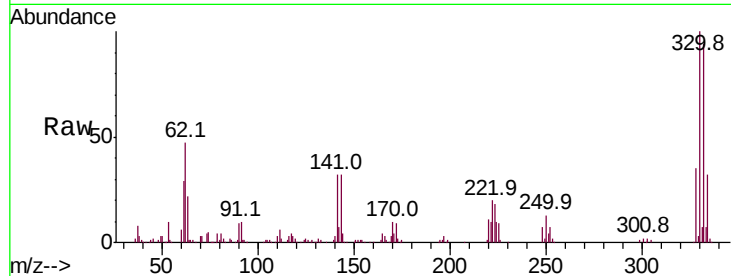




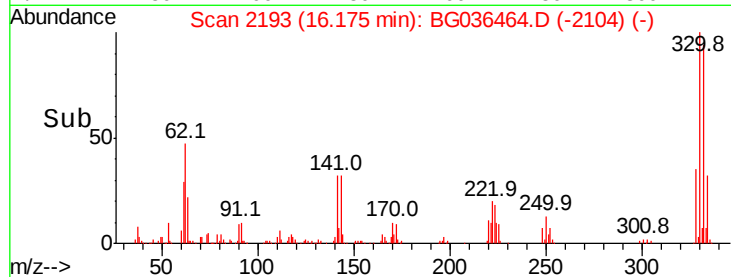
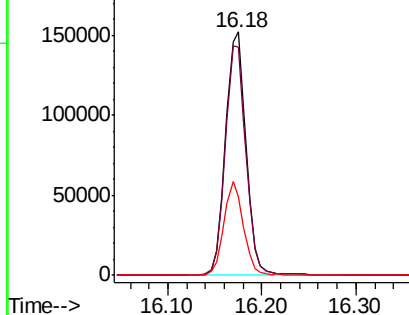
#41
 2,4,6-Tribromophenol
 Concen: 112.494 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036464.D
 Acq: 28 Aug 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-@-8-FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	36.8	30.7	46.1

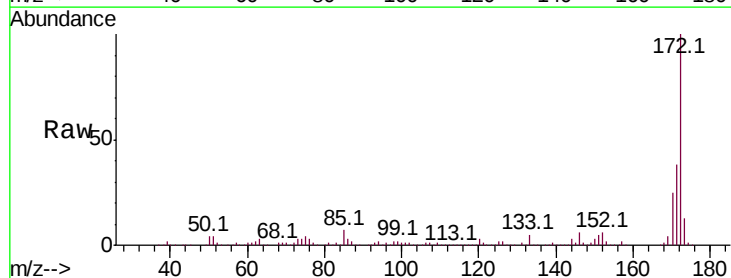


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

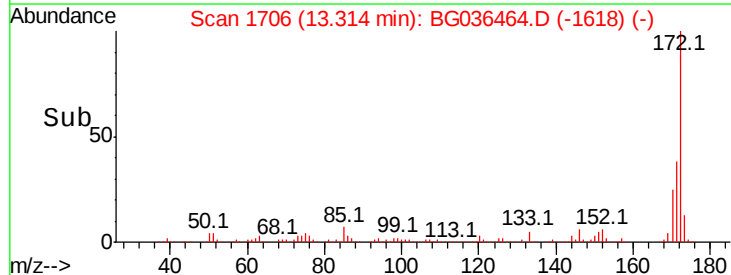
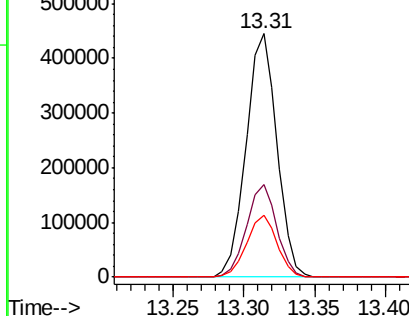


#44
 2-Fluorobiphenyl
 Concen: 56.359 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036464.D
 Acq: 28 Aug 2018 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.2	21.0	31.6



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





#49

Dimethylphthalate

Concen: 7.752 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG036464.D

Acq: 28 Aug 2018 18:58

Instrument :

BNA_G

ClientSampleId :

SB-1-@-8-FT

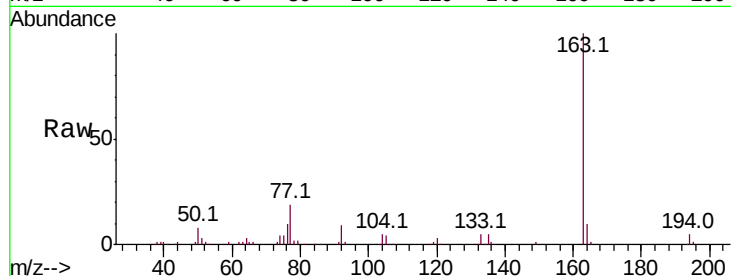
Tot Ion:163 Resp: 109080

Ion Ratio Lower Upper

163 100

194 5.2 4.0 6.0

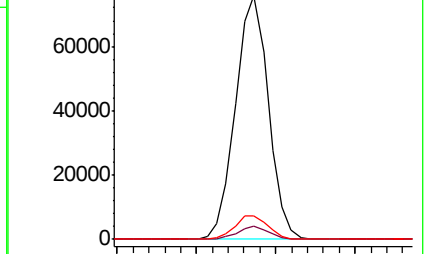
164 9.6 8.1 12.1



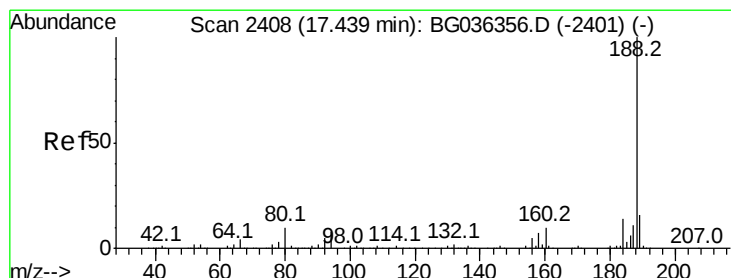
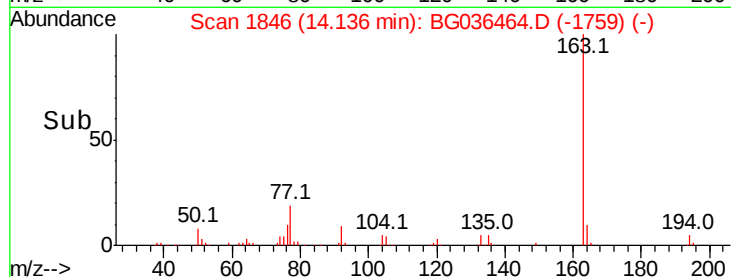
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.05 14.10 14.15 14.20



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036464.D

Acq: 28 Aug 2018 18:58

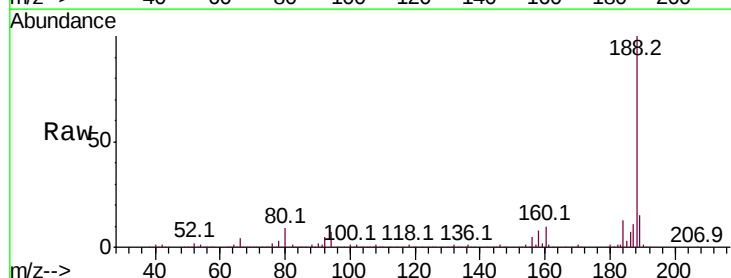
Tgt Ion:188 Resp: 442939

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

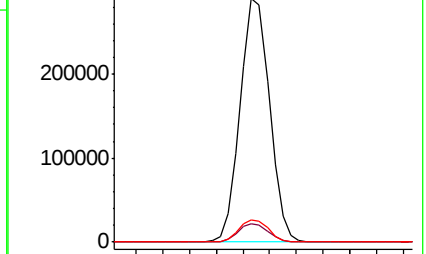
80 8.9 8.1 12.1



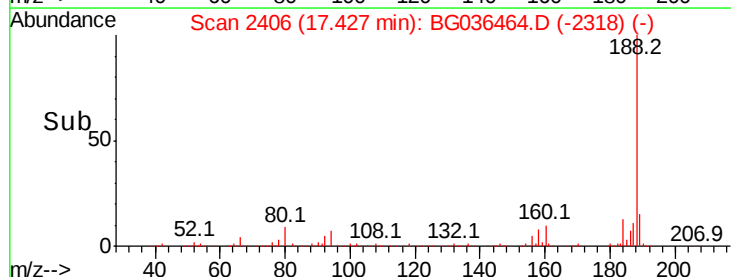
Abundance Ion 188.00 (187.70 to 188.70): E

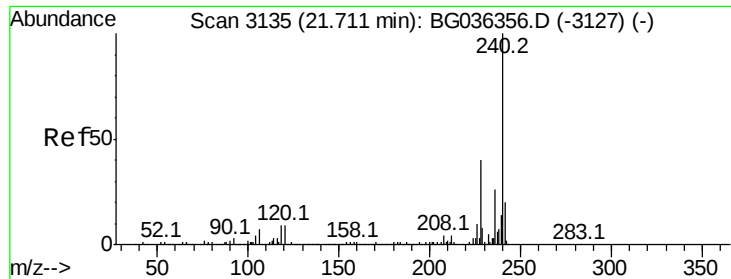
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG036464.D

Acq: 28 Aug 2018 18:58

Instrument :

BNA_G

ClientSampleId :

SB-1-@-8-FT

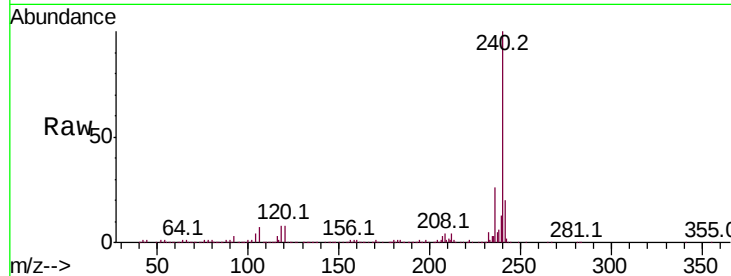
Tot Ion:240 Resp: 482840

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

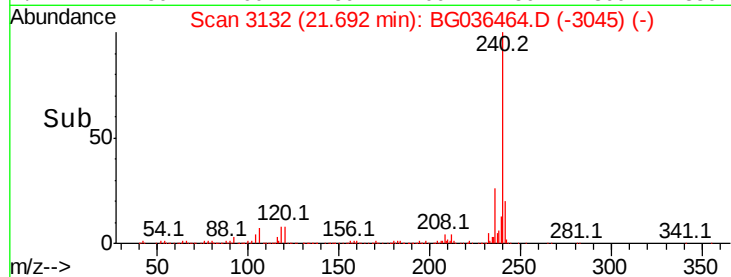
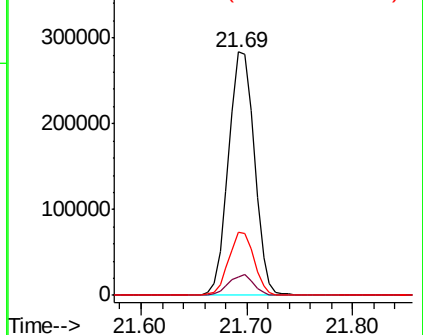
236 26.1 21.2 31.8



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: 54.594 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036464.D

Acq: 28 Aug 2018 18:58

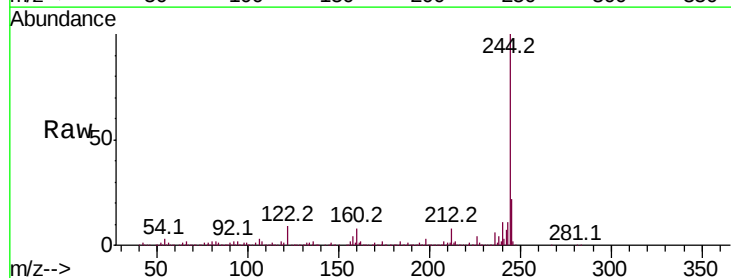
Tgt Ion:244 Resp: 1127789

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

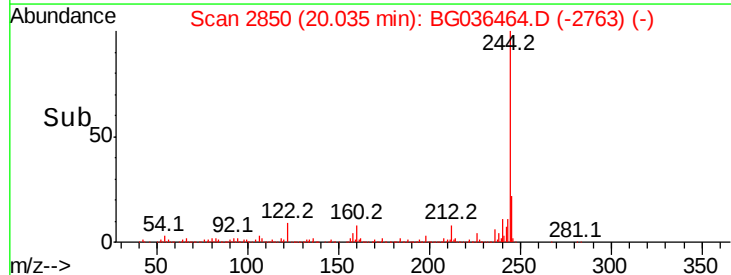
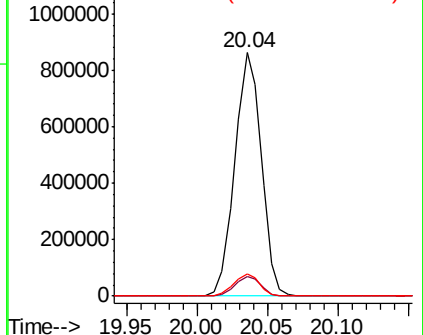
122 9.0 7.1 10.7

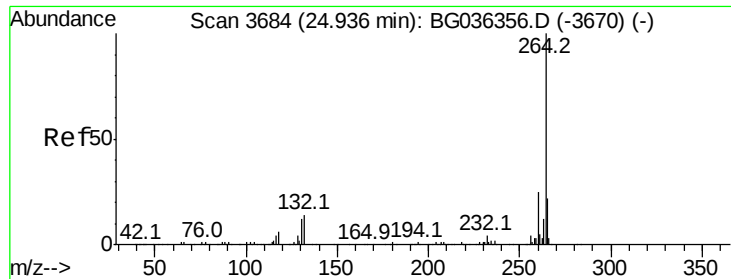


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

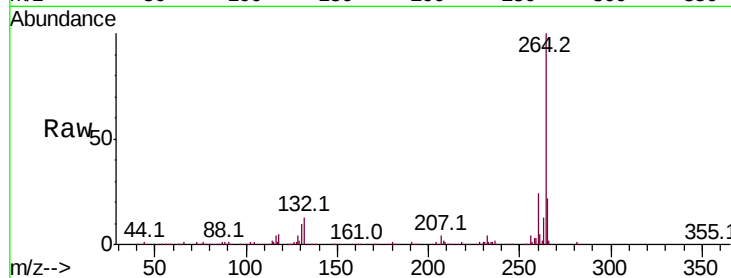




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036464.D
 Acq: 28 Aug 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-@-8-FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.6	17.4	26.0



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

