

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036792.D
 Acq On : 18 Sep 2018 19:08
 Operator : JU/SJ
 Sample : J4941-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47198RT

Quant Time: Sep 19 07:03:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48896	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	194409	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	126705	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	357535	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	390789	20.00	ng	-0.01
86) Perylene-d12	24.89	264	394220	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	333118	108.07	ng	0.00
7) Phenol-d6	7.20	99	428950	97.20	ng	-0.01
23) Nitrobenzene-d5	9.21	82	317204	88.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	230415	152.40	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	715082	80.58	ng	-0.01
78) Terphenyl-d14	20.02	244	1392461	83.28	ng	0.00

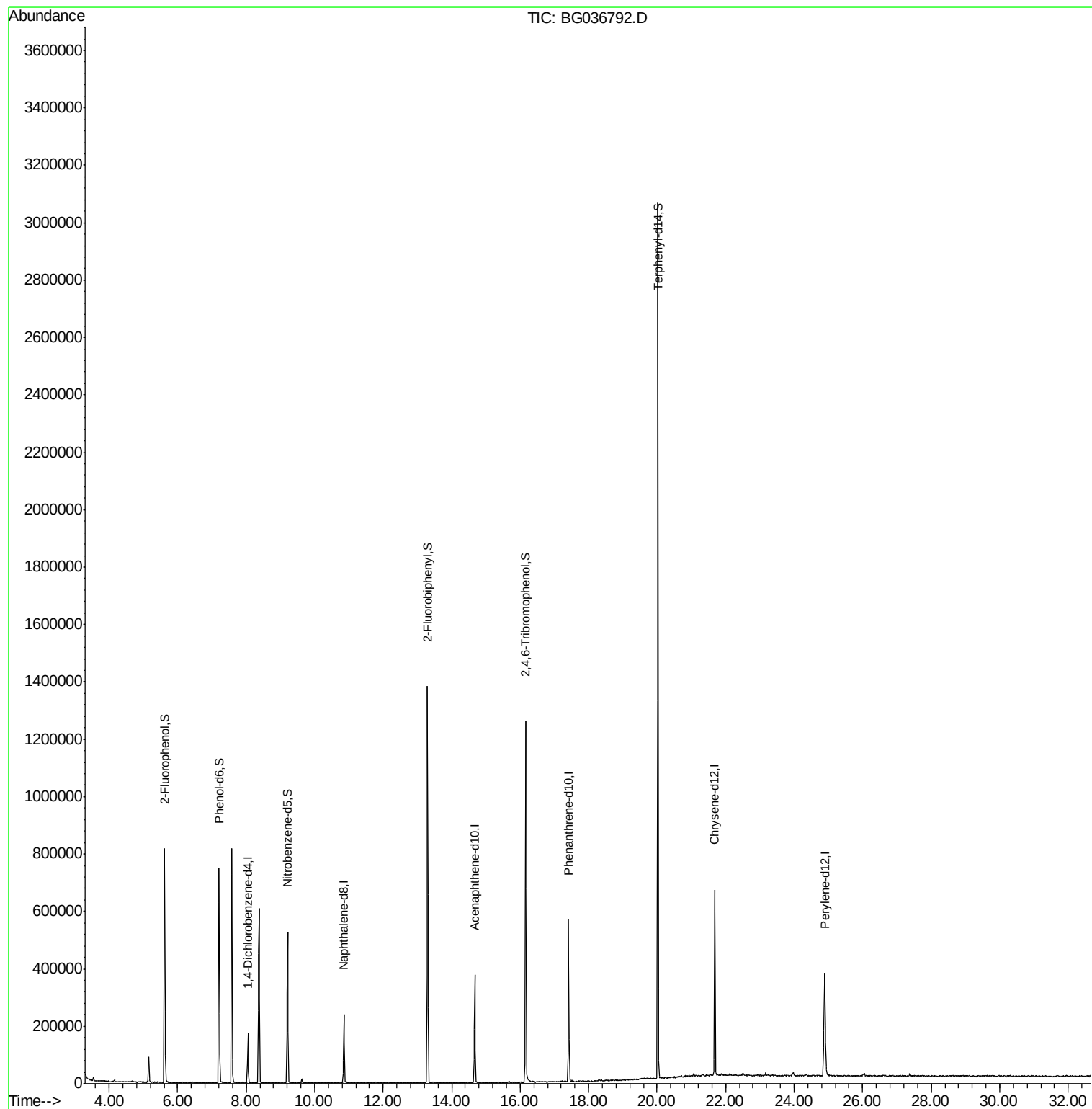
Target Compounds Qvalue

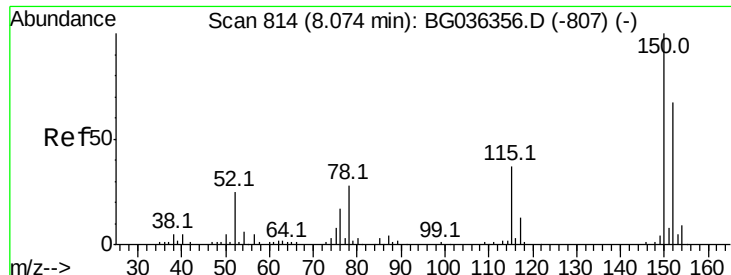
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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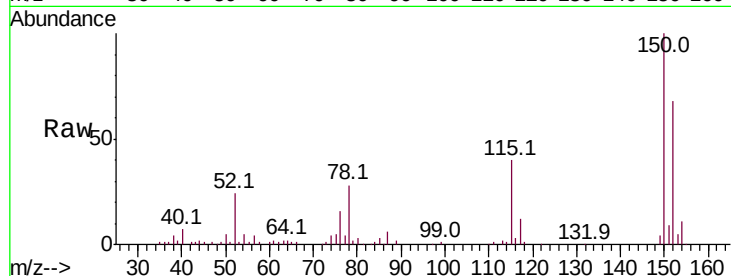


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_G
ClientSampleId :
RB47198RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	58.8	44.5	66.7

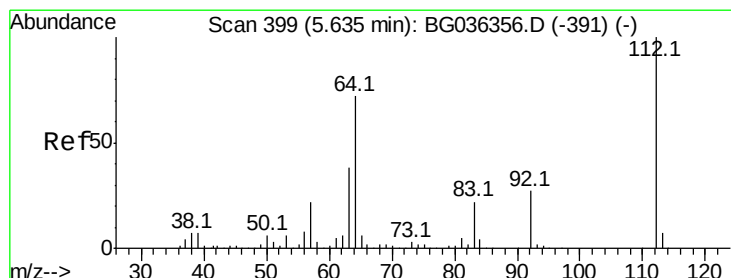
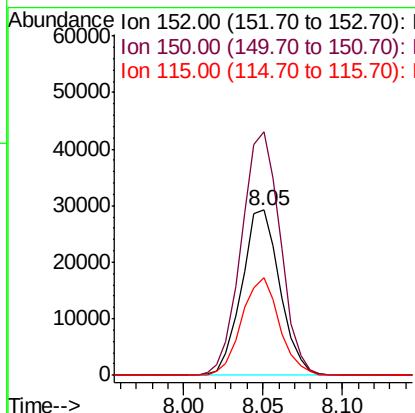
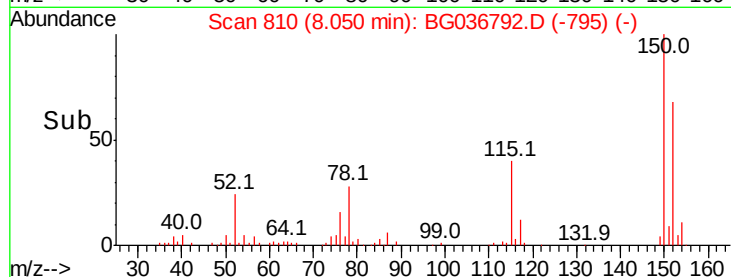


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

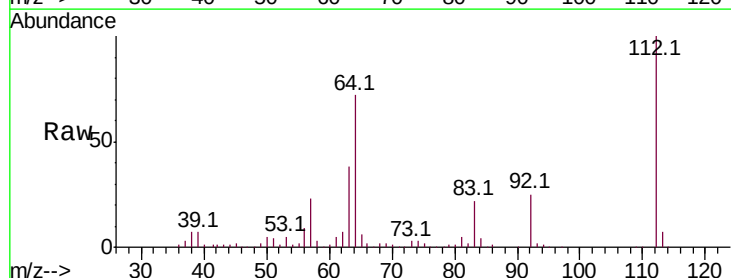
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.071 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.2	85.8
63	37.5	30.8	46.2

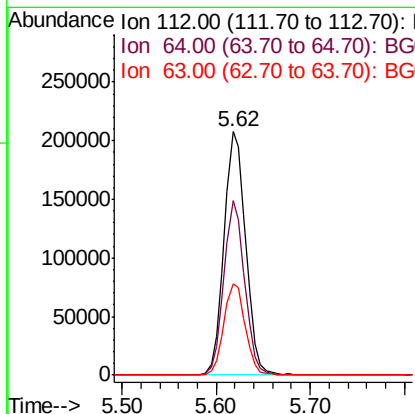
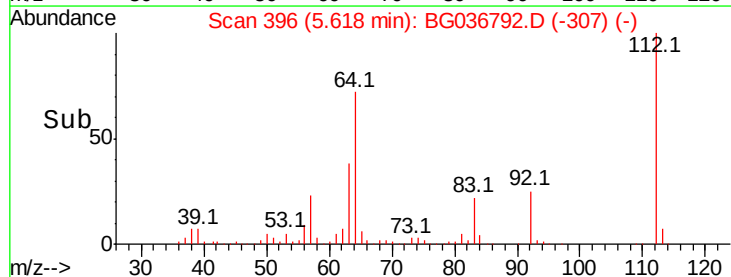


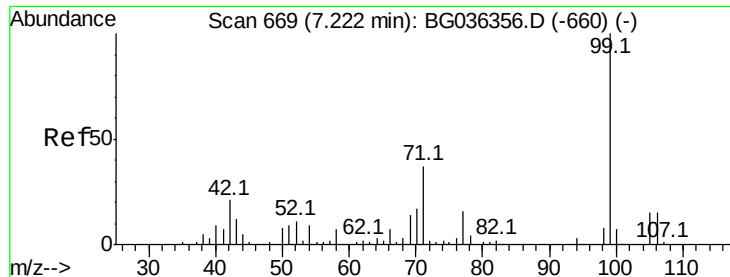
Abundance

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: 97.196 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_G

ClientSampleId :

RB47198RT

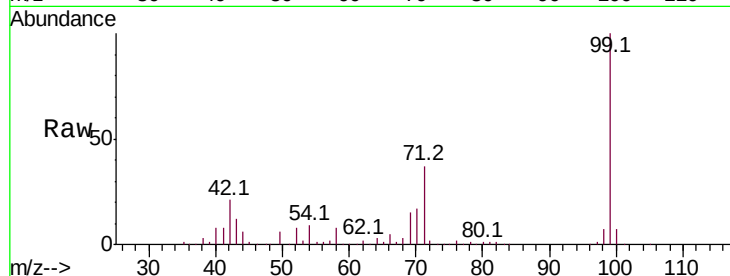
Tot Ion: 99 Resp: 428950

Ion Ratio Lower Upper

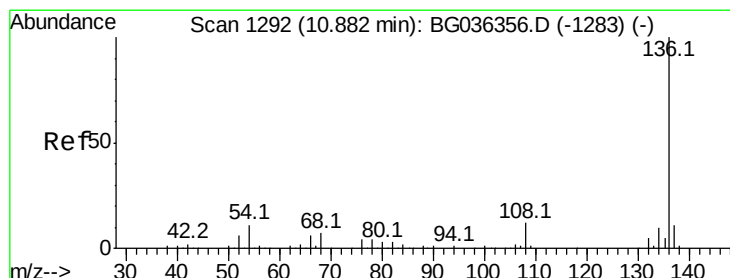
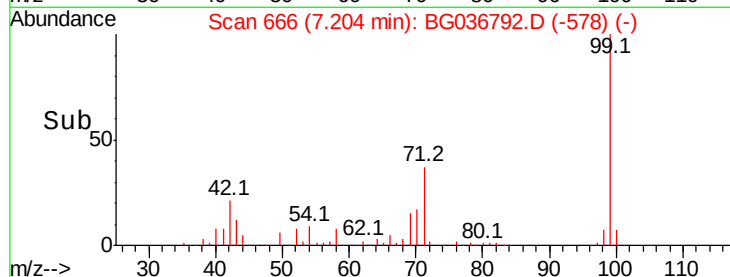
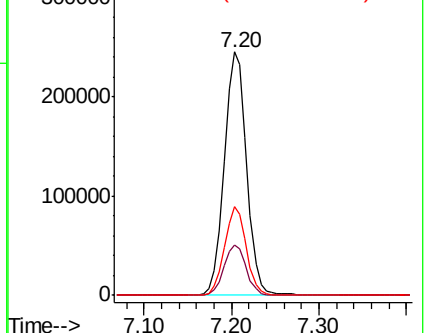
99 100

42 20.7 16.5 24.7

71 36.6 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Tgt Ion: 136 Resp: 194409

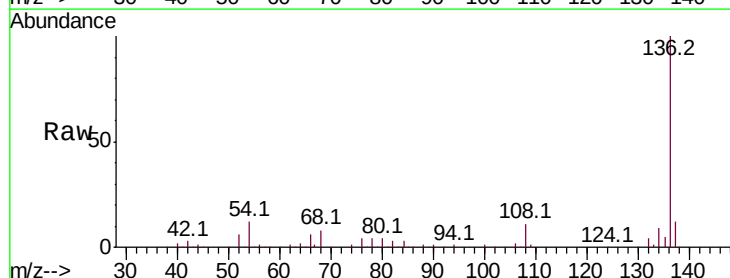
Ion Ratio Lower Upper

136 100

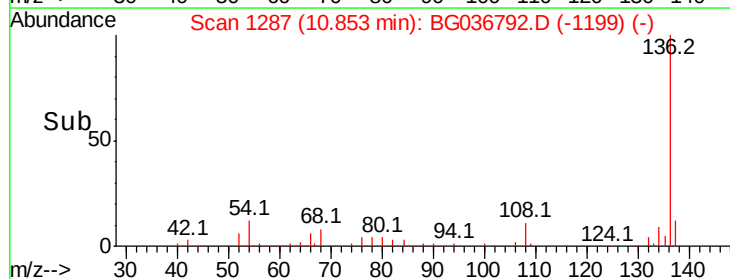
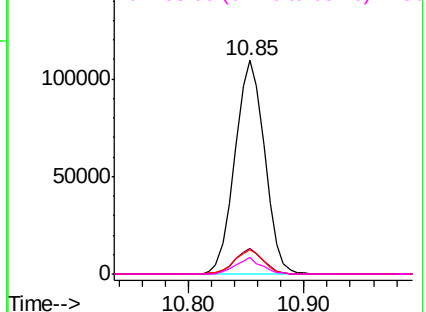
137 11.8 8.8 13.2

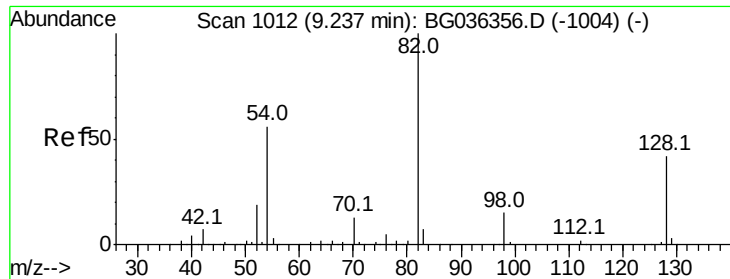
54 11.5 9.2 13.8

68 7.5 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

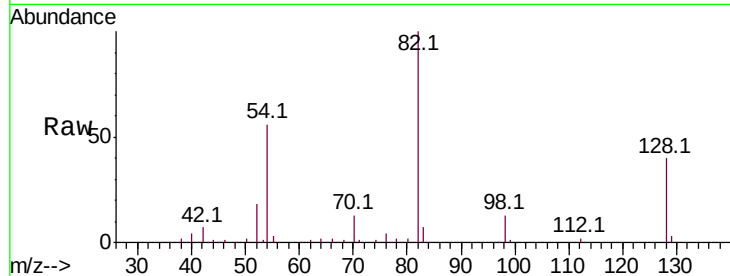




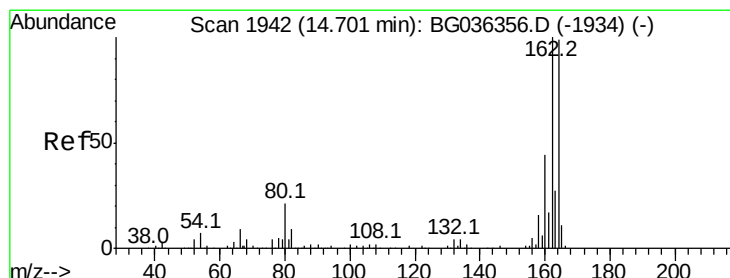
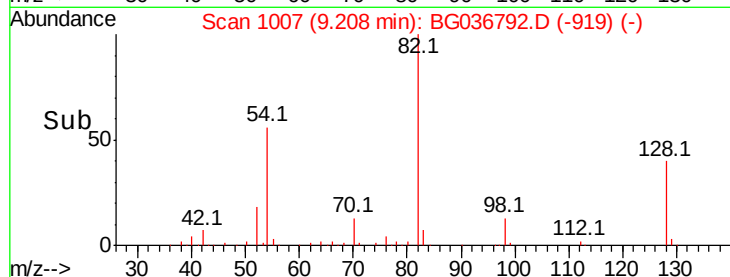
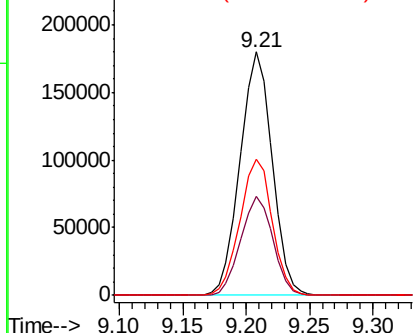
#23
Nitrobenzene-d5
Concen: 88.527 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_G
ClientSampleId :
RB47198RT

Tot Ion	82	Resp	317204
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.3	49.9
54	55.9	45.1	67.7

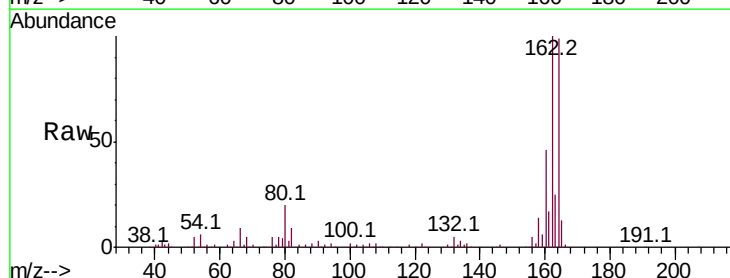


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

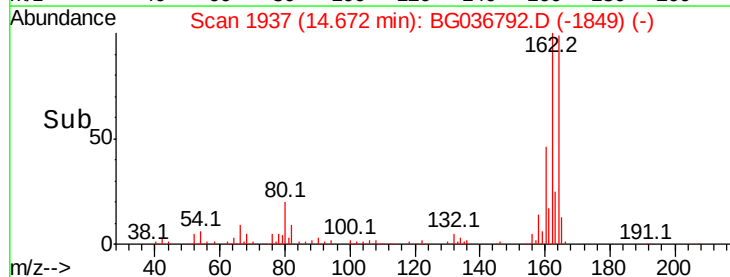
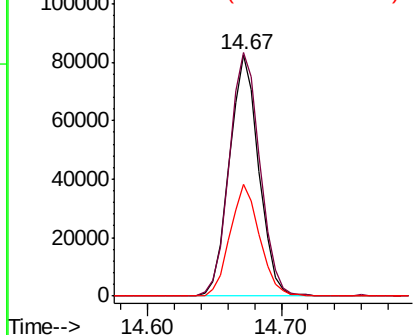


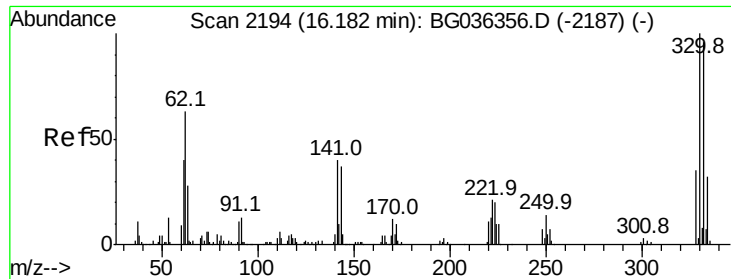
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Tgt Ion	164	Resp	126705
Ion Ratio	Lower	Upper	
164	100		
162	100.9	80.7	121.1
160	46.2	35.3	52.9



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

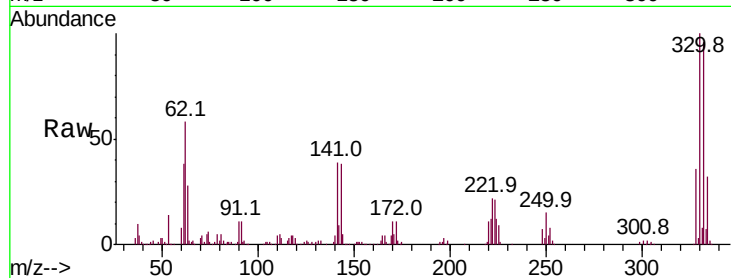




#41
 2,4,6-Tribromophenol
 Concen: 152.404 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036792.D
 Acq: 18 Sep 2018 19:08

Instrument :
 BNA_G
 ClientSampleId :
 RB47198RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	37.2	30.7	46.1

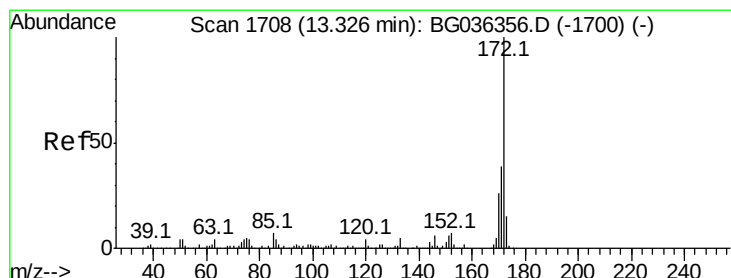
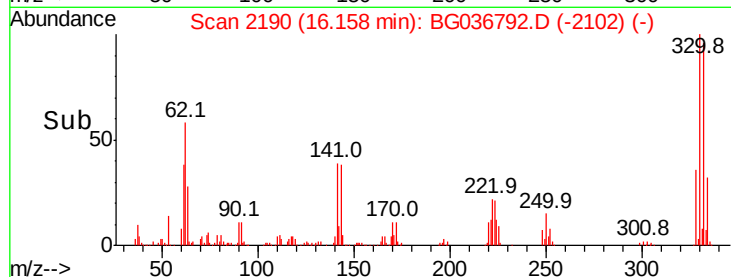
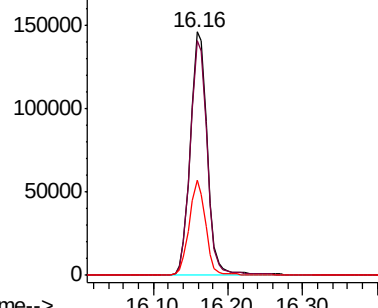


Abundance

Ion 329.80 (329.50 to 330.50): E

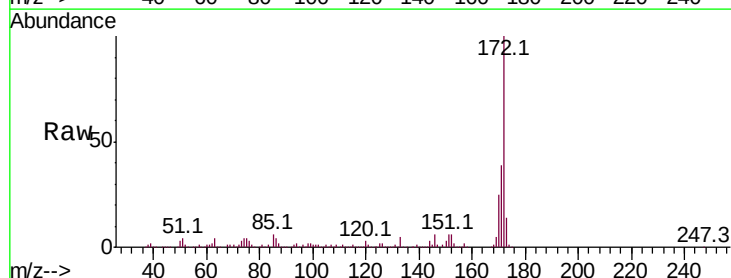
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.581 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036792.D
 Acq: 18 Sep 2018 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.1	21.0	31.6

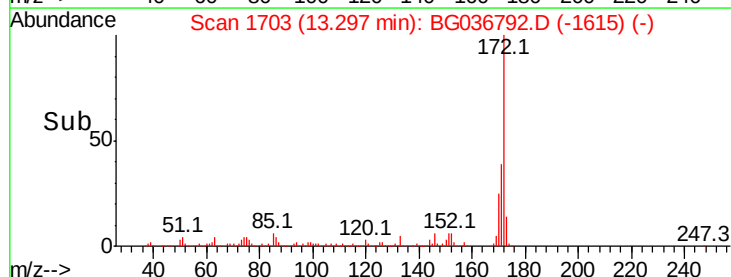
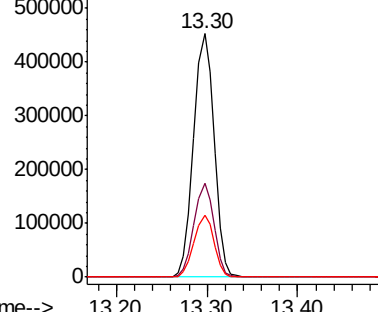


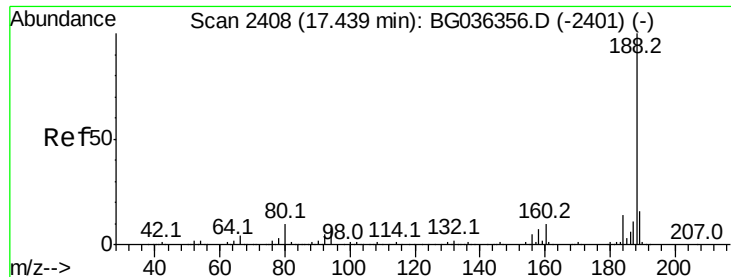
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_G

ClientSampleId :

RB47198RT

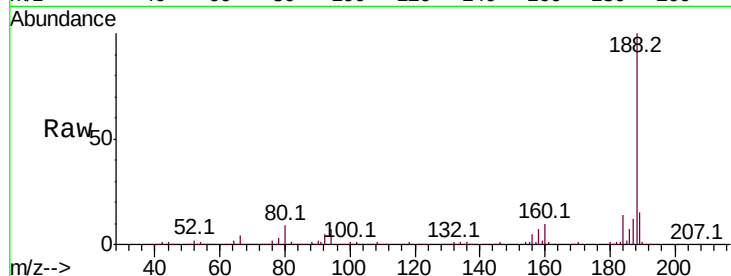
Tot Ion:188 Resp: 357535

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

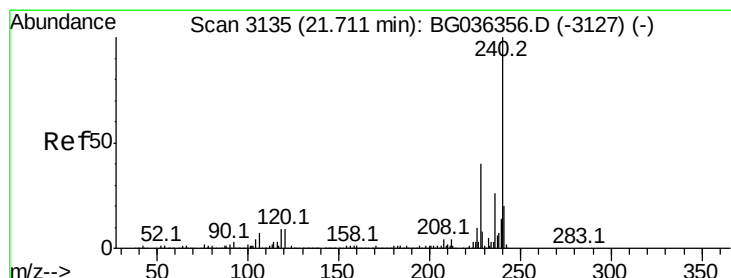
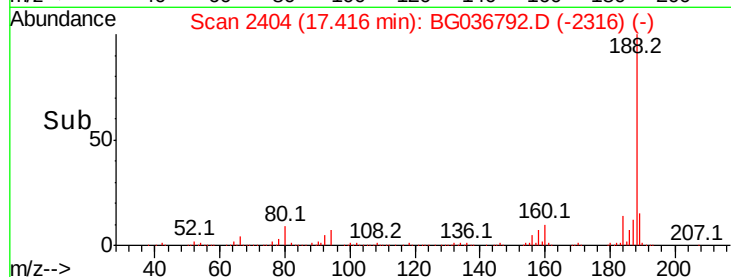
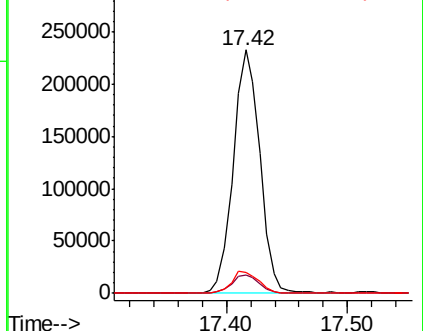
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

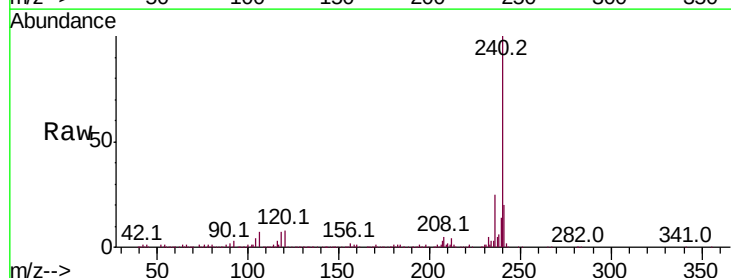
Tgt Ion:240 Resp: 390789

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

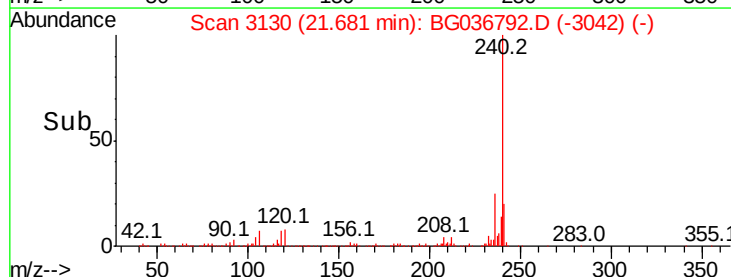
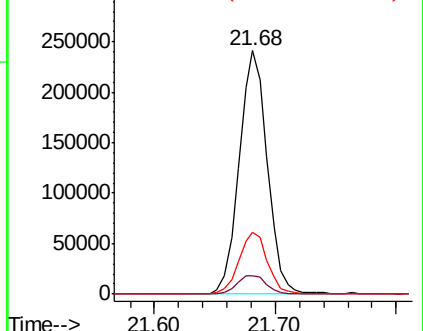
236 25.5 21.2 31.8

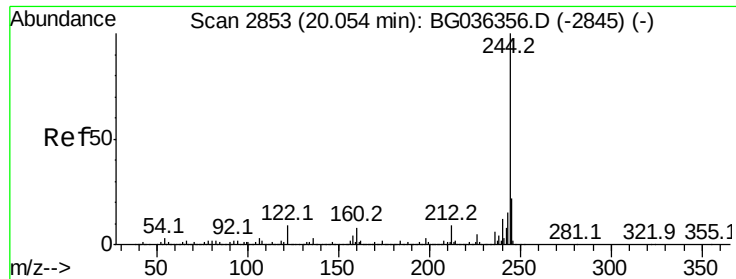


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.284 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_G

ClientSampled :

RB47198RT

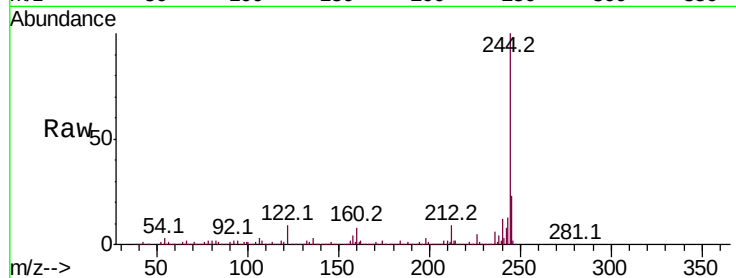
Tot Ion:244 Resp: 1392461

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

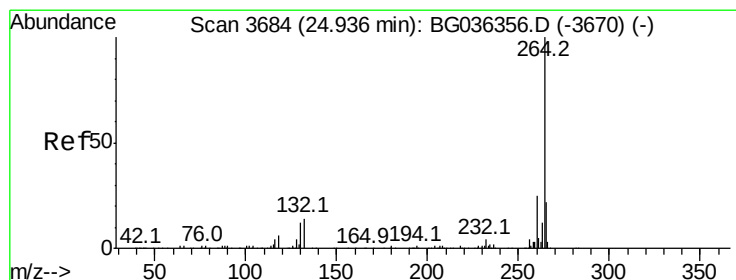
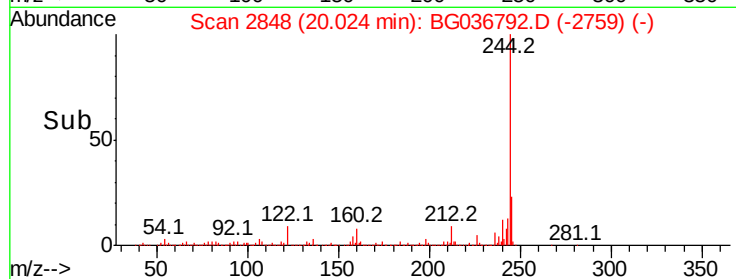
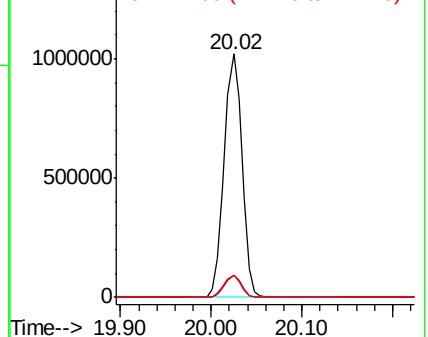
122 9.0 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

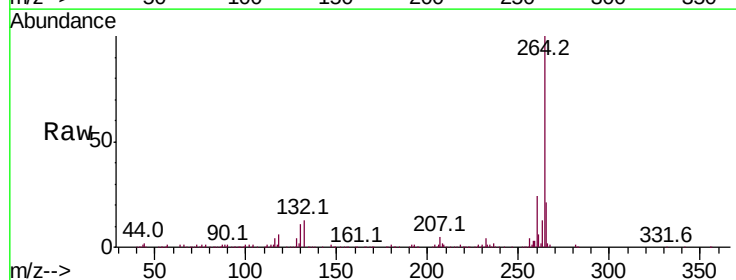
Tgt Ion:264 Resp: 394220

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 20.8 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

