

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035694.D
 Acq On : 17 Jul 2018 22:29
 Operator : JU/SJ
 Sample : J3997-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-H-S

Quant Time: Jul 18 04:15:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53852	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	192032	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	129265	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	351809	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	409652	20.00	ng	-0.02
86) Perylene-d12	24.88	264	391387	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	416566	128.43	ng	0.00
7) Phenol-d6	7.21	99	516217	106.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	448854	97.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	271595	159.41	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	947898	98.24	ng	-0.02
78) Terphenyl-d14	20.01	244	1793239	96.49	ng	-0.01

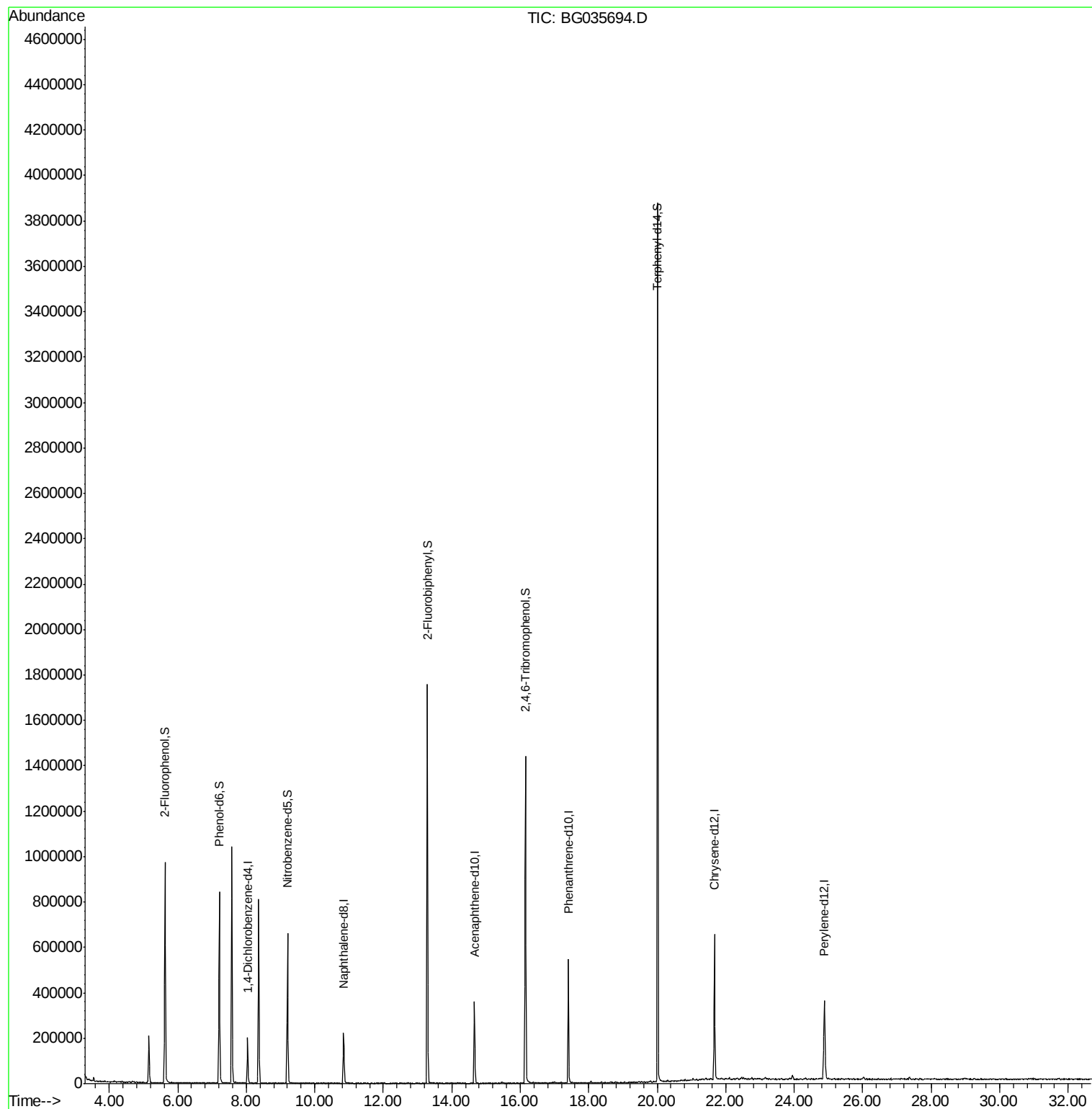
Target Compounds Qvalue

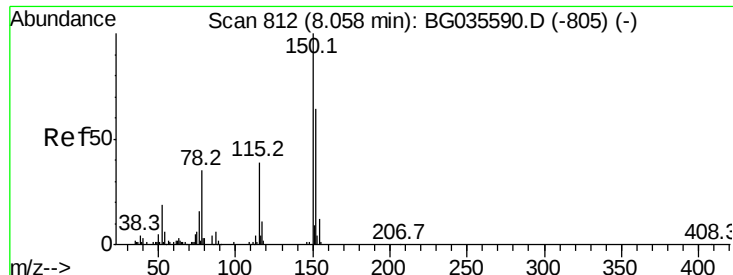
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

Instrument :

BNA_G

ClientSampleId :

TP-H-S

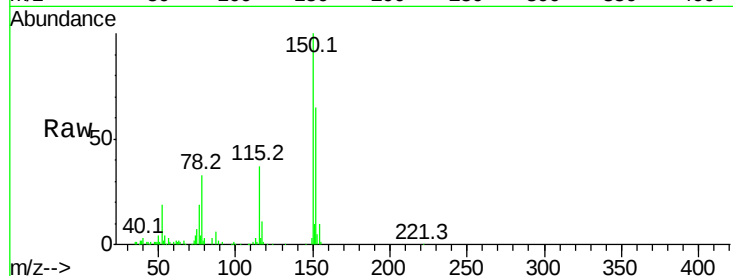
Tot Ion:152 Resp: 53852

Ion Ratio Lower Upper

152 100

150 153.2 126.6 189.8

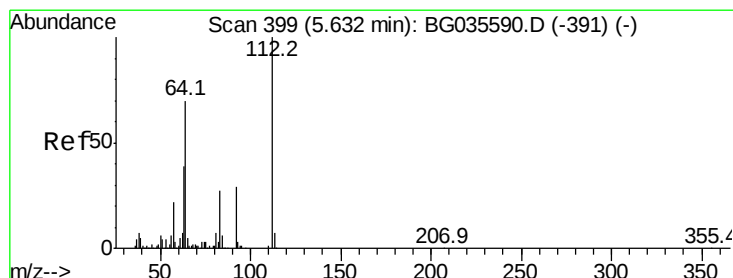
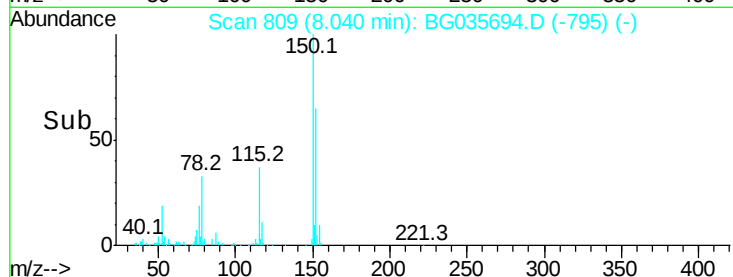
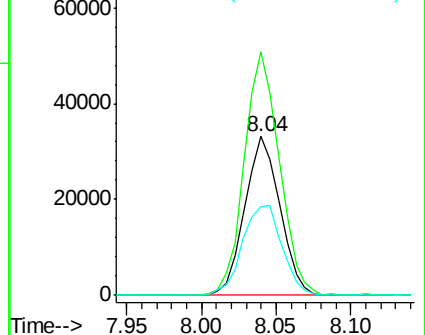
115 56.1 53.0 79.4



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: 128.426 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

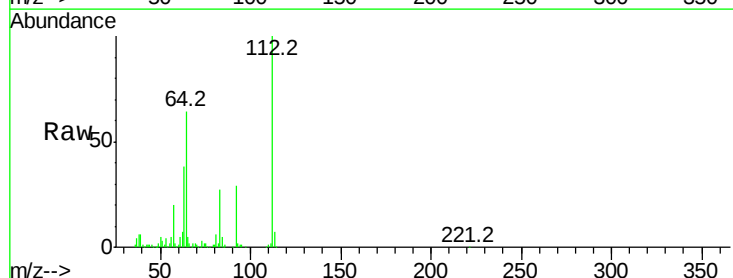
Tgt Ion:112 Resp: 416566

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

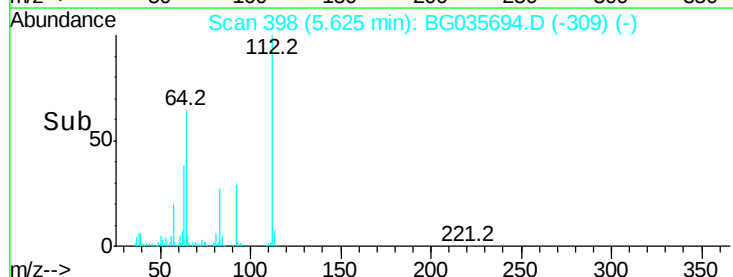
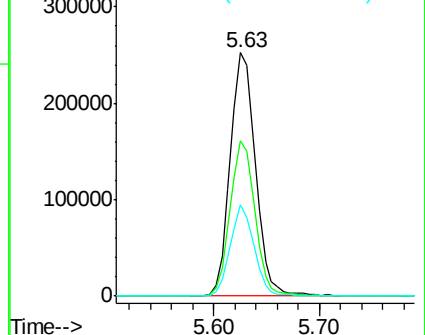
63 37.7 30.1 45.1

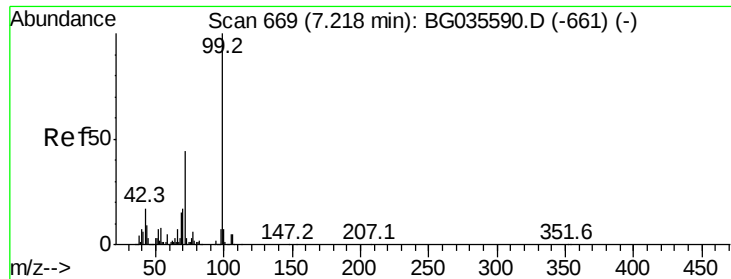


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.668 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

Instrument :

BNA_G

ClientSampleId :

TP-H-S

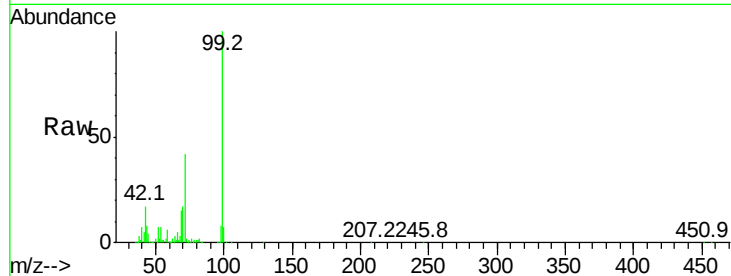
Tot Ion: 99 Resp: 516217

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

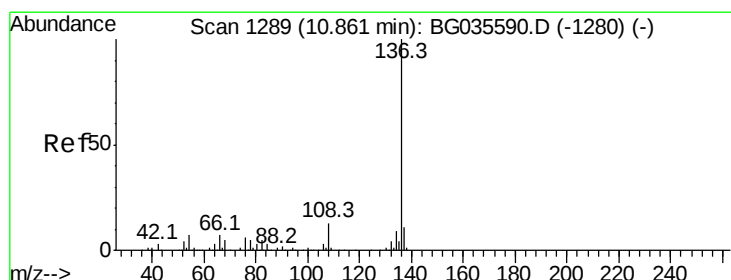
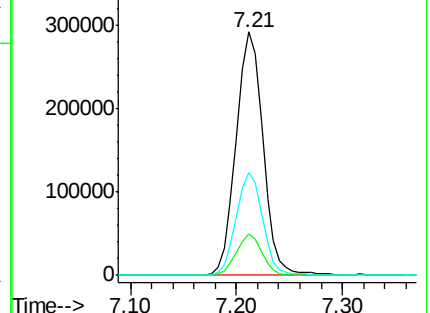
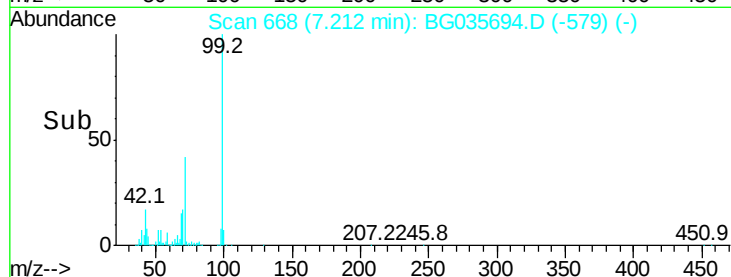
71 42.3 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

Tgt Ion: 136 Resp: 192032

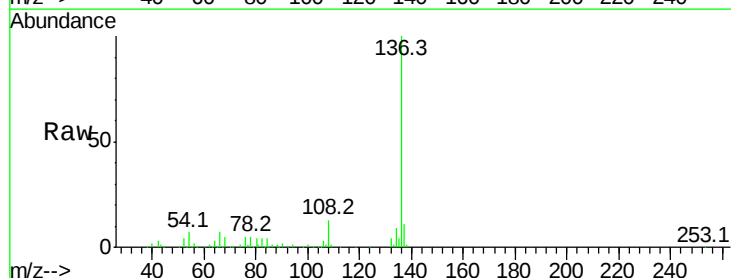
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.7 10.3 15.5#

68 4.8 4.5 6.7

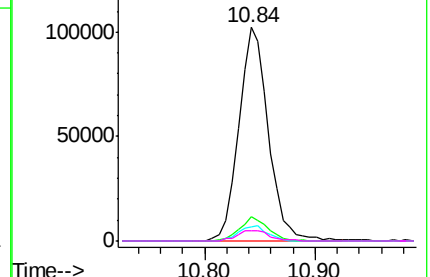
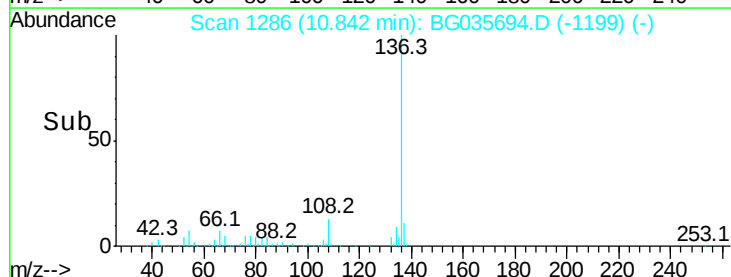


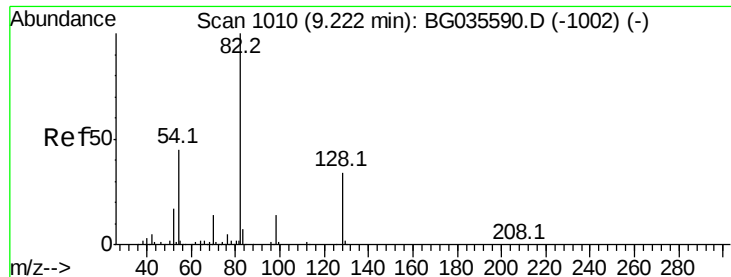
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

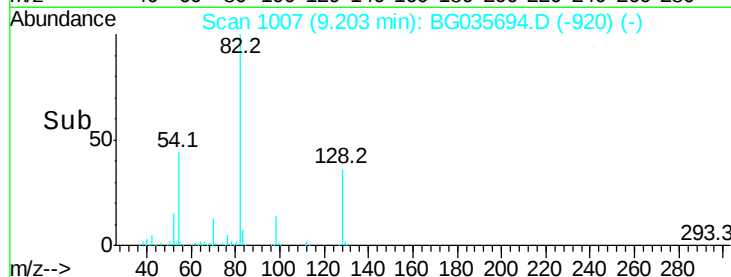
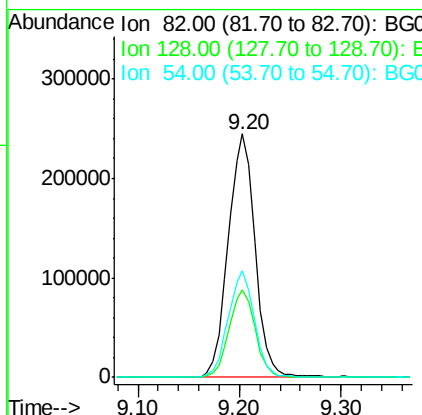
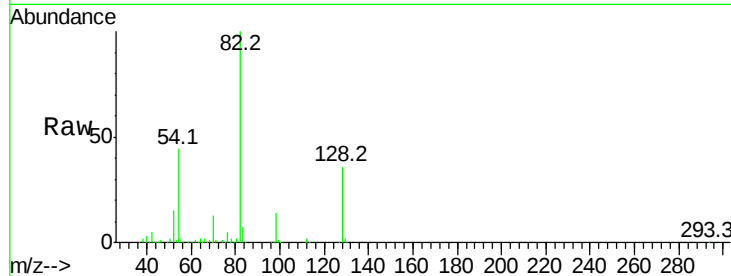




#23
Nitrobenzene-d5
Concen: 97.644 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035694.D
Acq: 17 Jul 2018 22:29

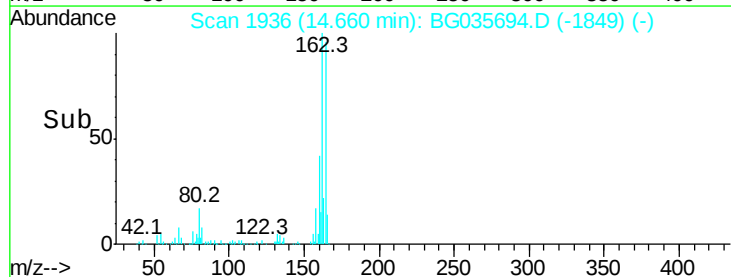
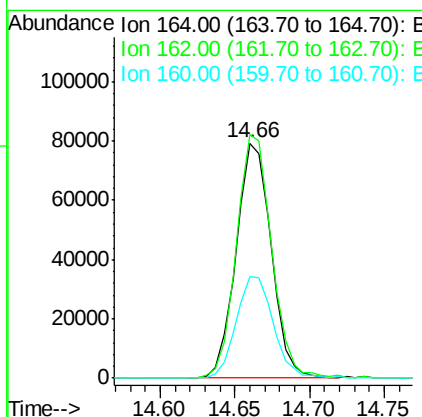
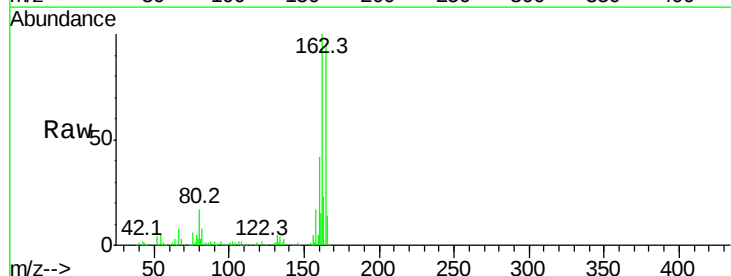
Instrument :
BNA_G
ClientSampleId :
TP-H-S

Tot Ion	82	Resp	448854
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	43.6	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035694.D
Acq: 17 Jul 2018 22:29

Tgt Ion	164	Resp	129265
Ion Ratio	Lower	Upper	
164	100		
162	103.7	78.8	118.2
160	43.5	35.4	53.0

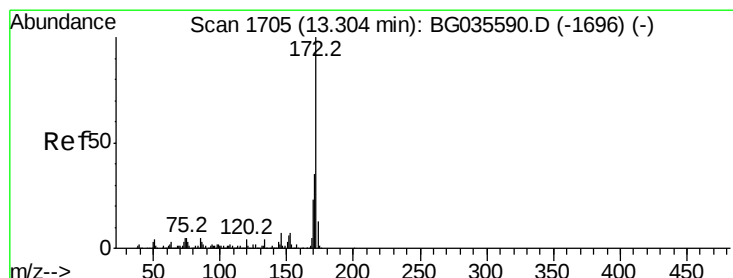
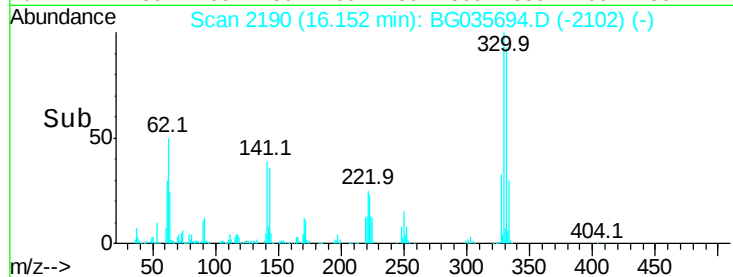
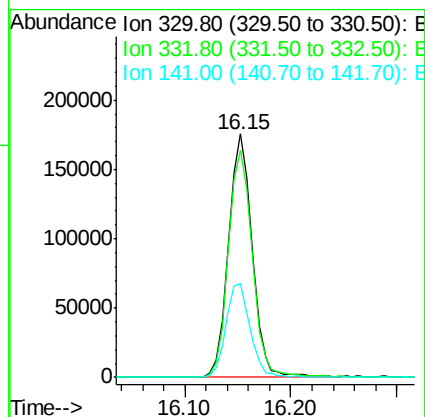
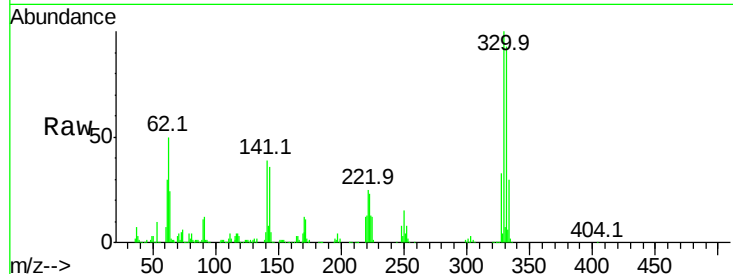




#41
 2,4,6-Tribromophenol
 Concen: 159.406 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035694.D
 Acq: 17 Jul 2018 22:29

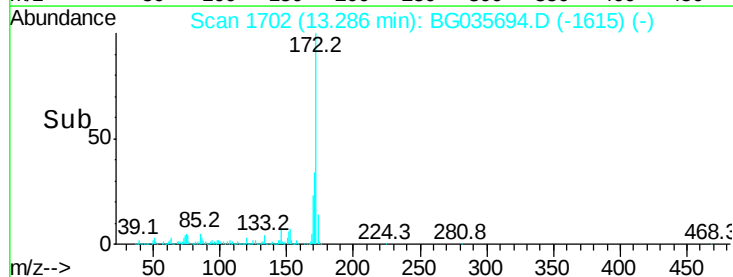
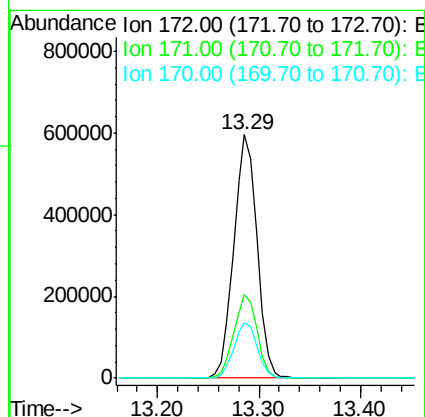
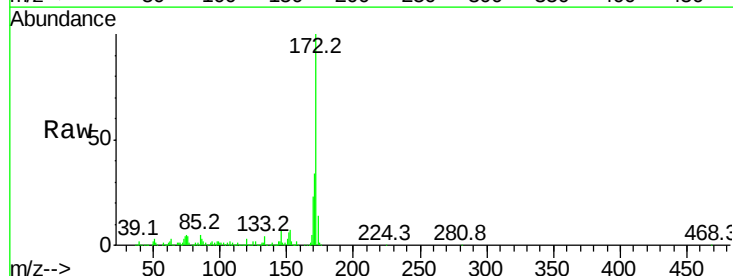
Instrument :
 BNA_G
 ClientSampleId :
 TP-H-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	39.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.243 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035694.D
 Acq: 17 Jul 2018 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

Instrument :

BNA_G

ClientSampleId :

TP-H-S

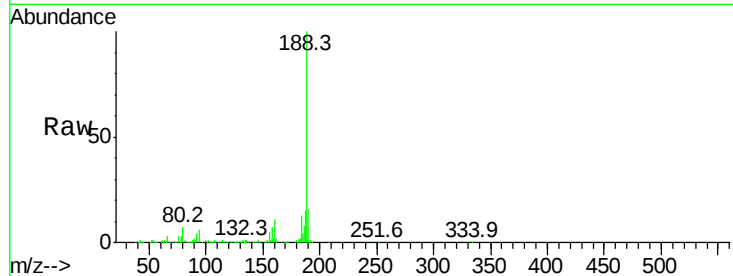
Tot Ion:188 Resp: 351809

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

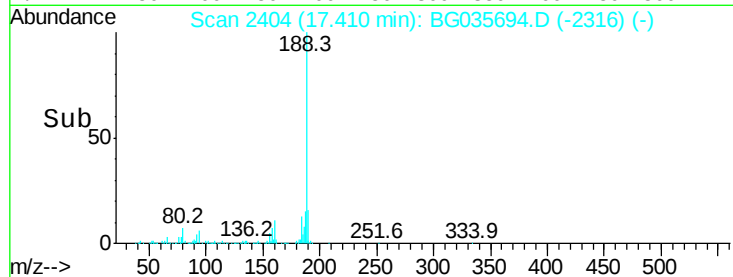
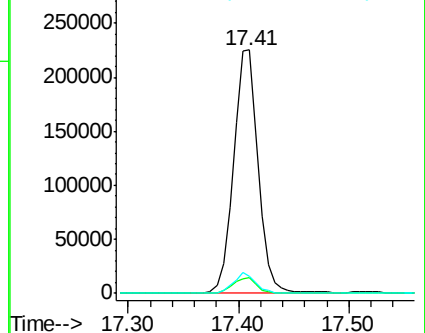
80 7.0 7.7 11.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

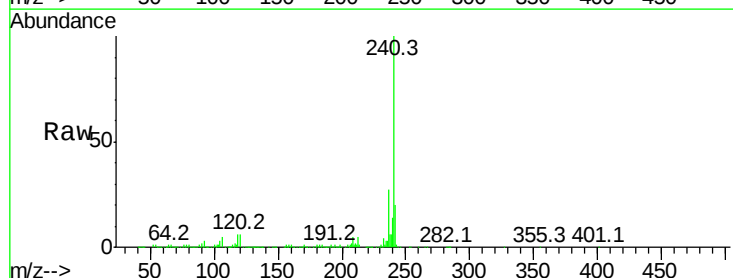
Tgt Ion:240 Resp: 409652

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

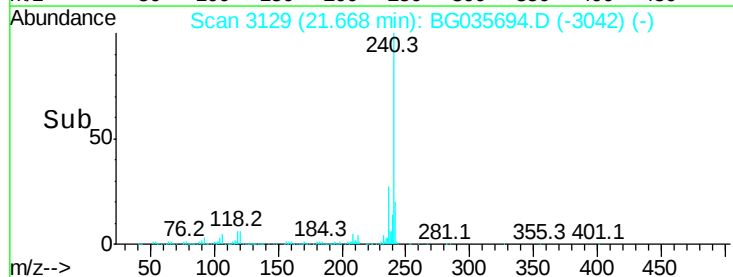
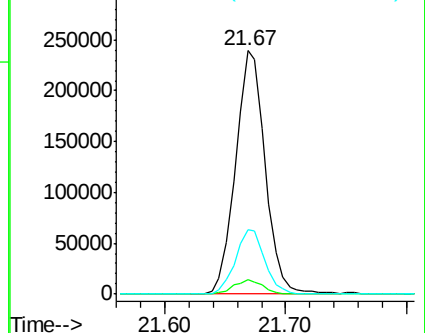
236 26.5 20.9 31.3



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: 96.493 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

Instrument :

BNA_G

ClientSampleId :

TP-H-S

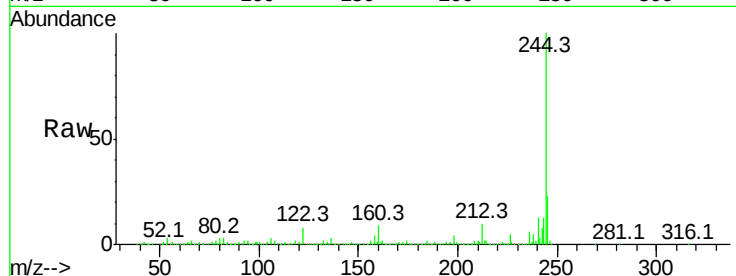
Tot Ion:244 Resp: 1793239

Ion	Ratio	Lower	Upper
244	100		
212	10.3	5.8	8.8
122	7.7	7.0	10.4

244 100

212 10.3 5.8 8.8

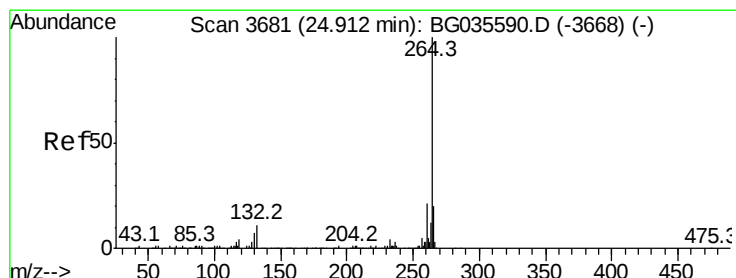
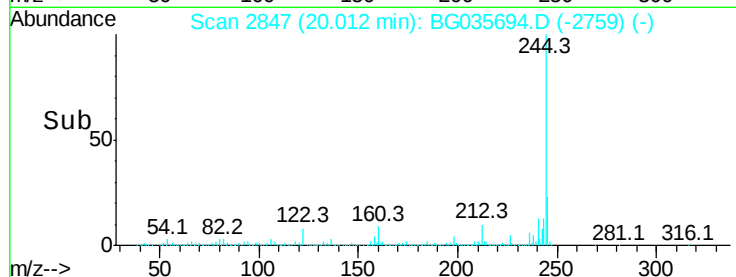
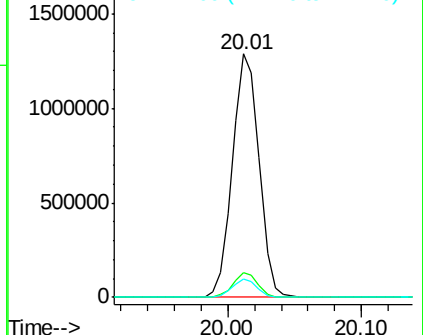
122 7.7 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035694.D

Acq: 17 Jul 2018 22:29

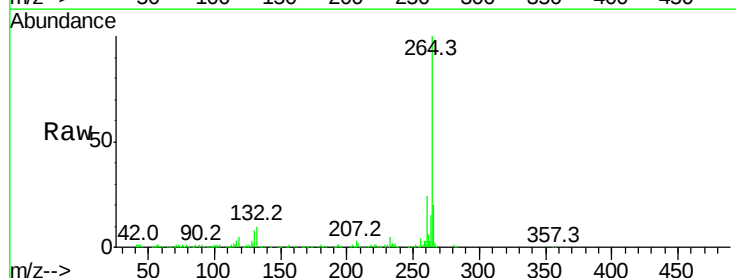
Tgt Ion:264 Resp: 391387

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.2	17.7	26.5

264 100

260 23.9 17.4 26.0

265 20.2 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

