

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035325.D
 Acq On : 22 Jun 2018 8:54
 Operator : JU/SJ
 Sample : J3603-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-6

Quant Time: Jun 22 09:42:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53902	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	179637	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	120888	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	330496	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	366273	20.00	ng	-0.03
86) Perylene-d12	24.90	264	350551	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	393783	123.29	ng	-0.01
7) Phenol-d6	7.21	99	501129	106.30	ng	-0.01
23) Nitrobenzene-d5	9.22	82	411481	108.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	279897	180.87	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	887908	95.48	ng	-0.03
78) Terphenyl-d14	20.03	244	1713542	98.00	ng	-0.02

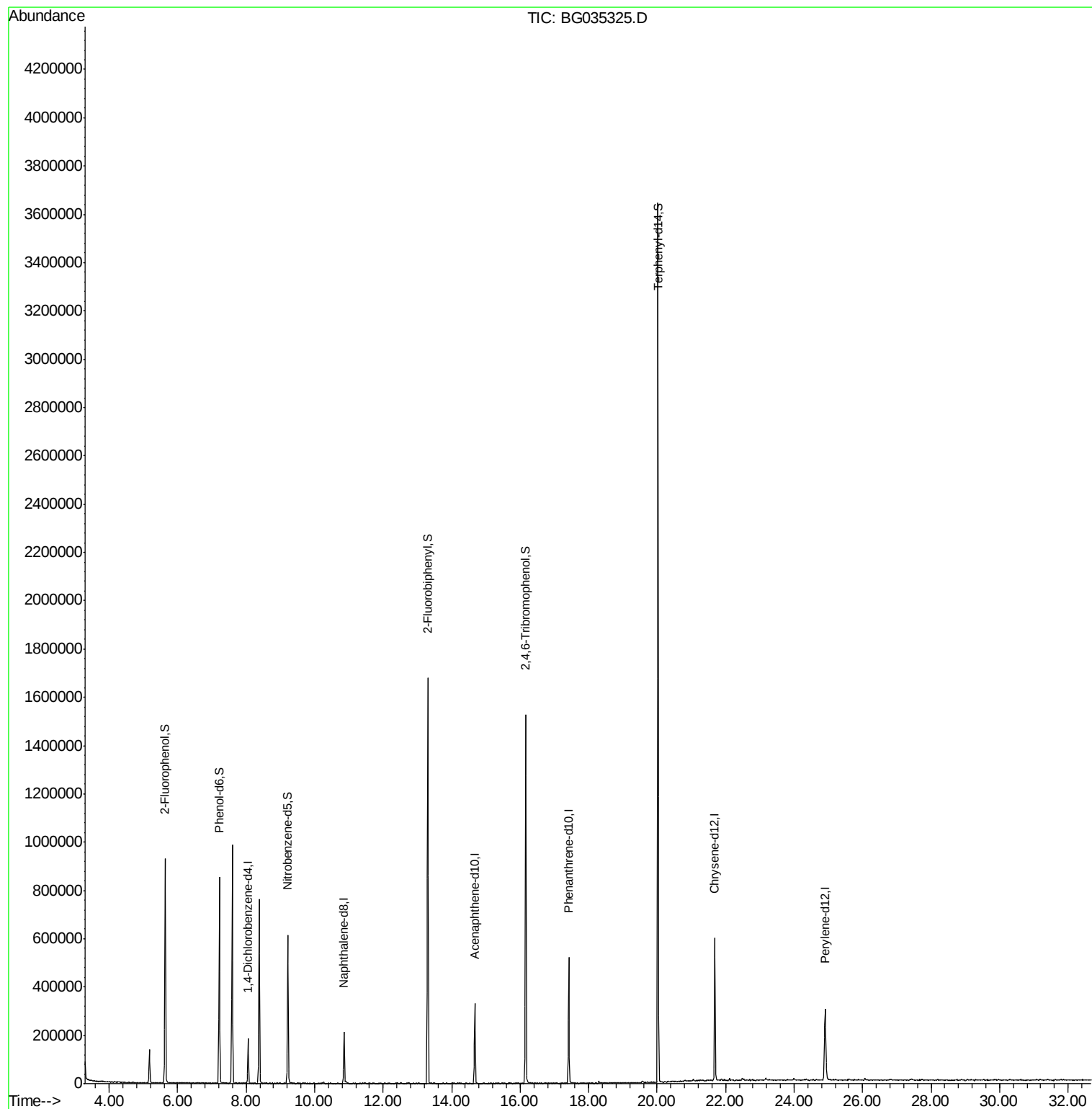
Target Compounds Qvalue

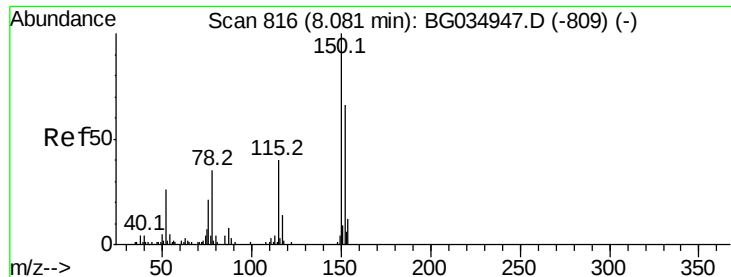
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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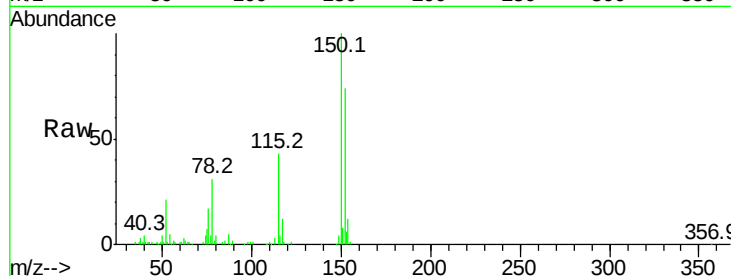


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035325.D
Acq: 22 Jun 2018 8:54

Instrument :
BNA_G
ClientSampleId :
26KV-TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.5	126.6	189.8
115	58.1	53.0	79.4

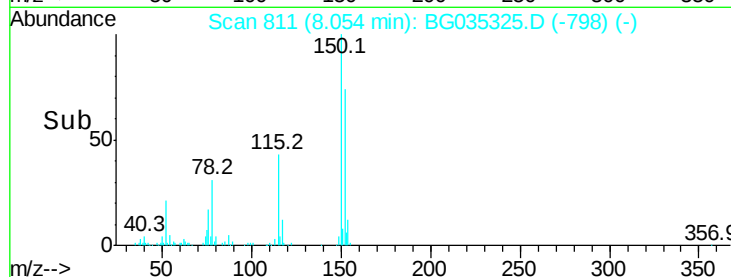
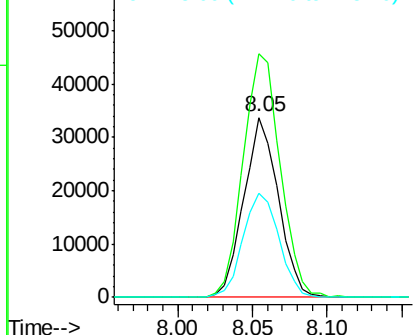


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

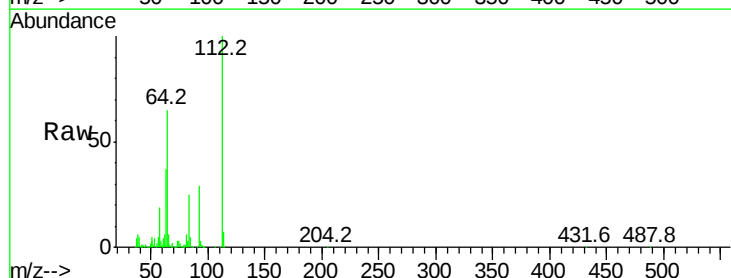
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.289 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035325.D
Acq: 22 Jun 2018 8:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	36.8	30.1	45.1

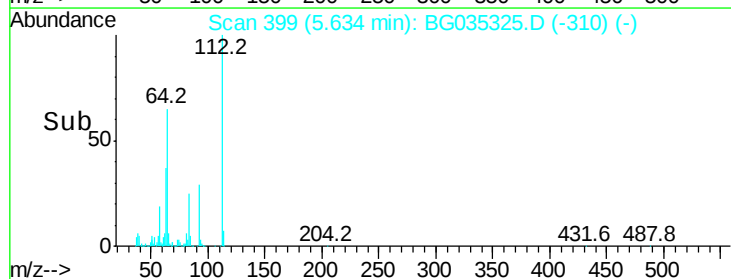
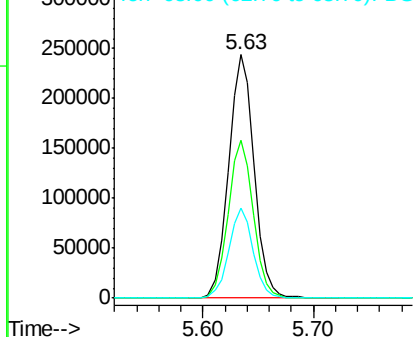


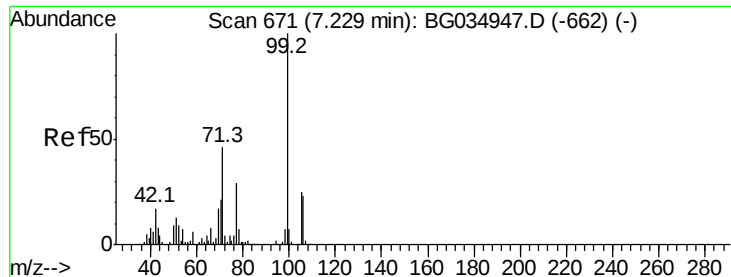
Abundance

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: 106.303 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035325.D

Acq: 22 Jun 2018 8:54

Instrument :

BNA_G

ClientSampleId :

26KV-TP-6

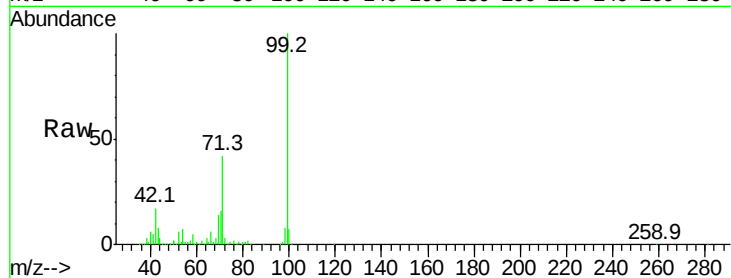
Tot Ion: 99 Resp: 501129

Ion Ratio Lower Upper

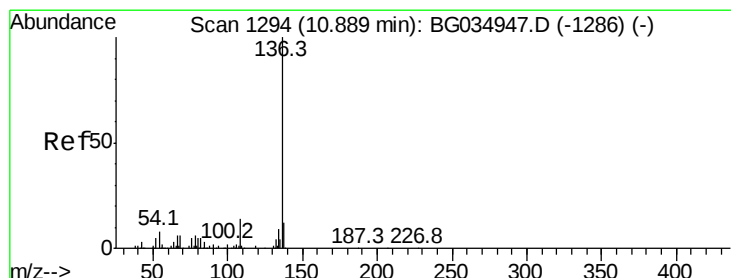
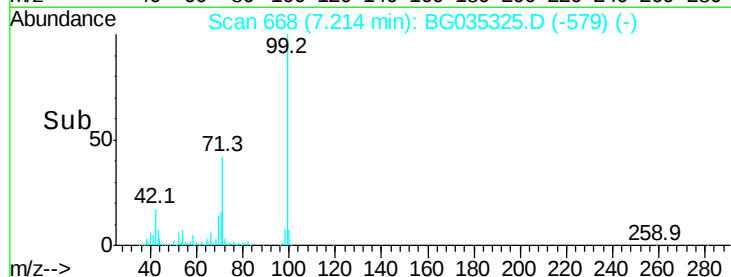
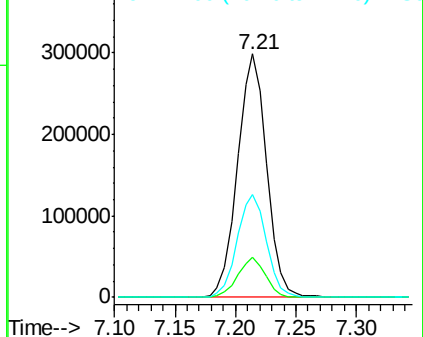
99 100

42 16.6 14.1 21.1

71 42.1 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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035325.D

Acq: 22 Jun 2018 8:54

Tgt Ion: 136 Resp: 179637

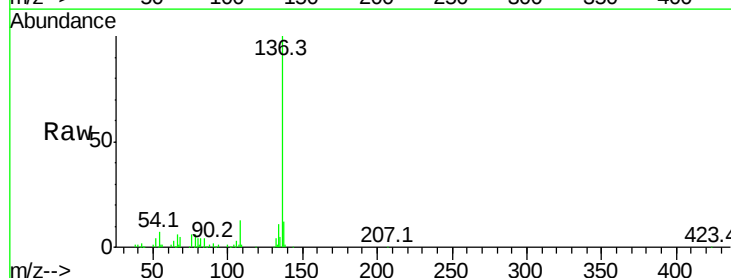
Ion Ratio Lower Upper

136 100

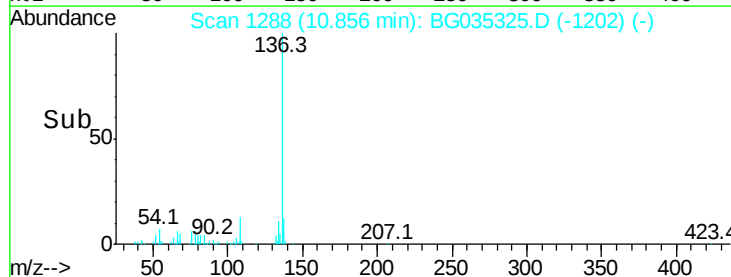
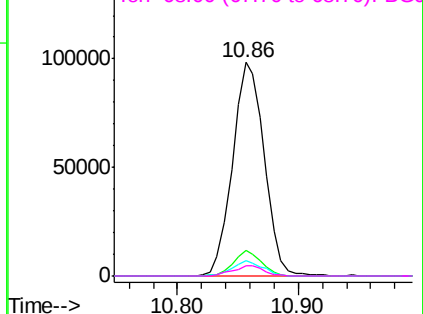
137 12.0 9.2 13.8

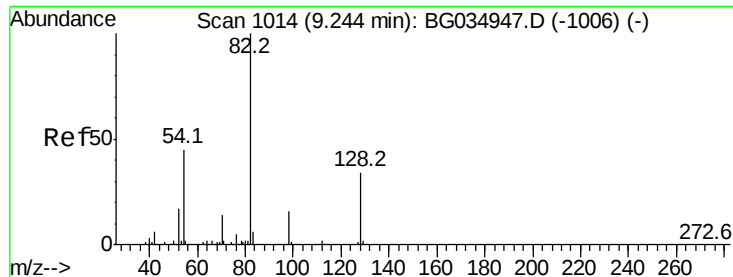
54 7.4 10.3 15.5#

68 4.9 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

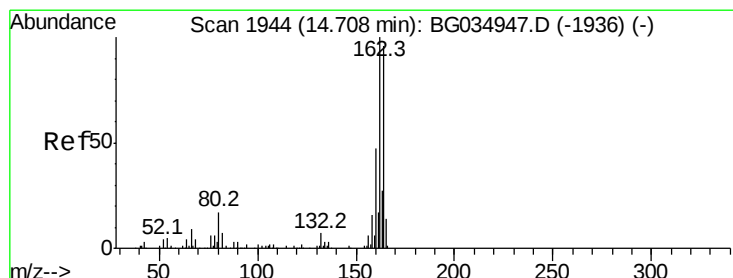
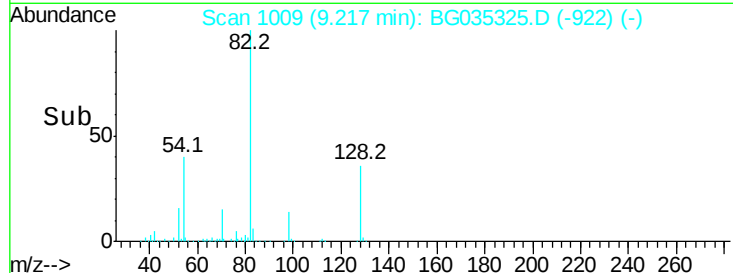
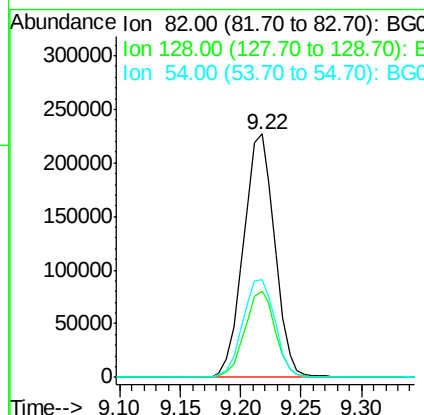
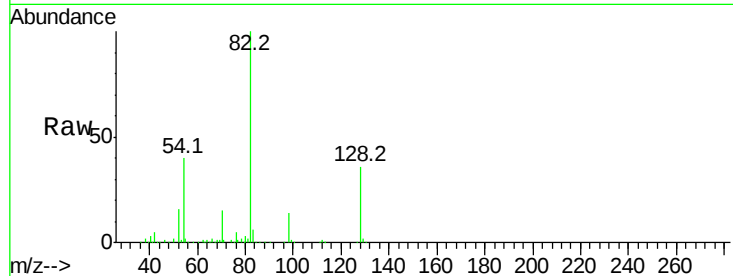




#23
 Nitrobenzene-d5
 Concen: 108.883 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035325.D
 Acq: 22 Jun 2018 8:54

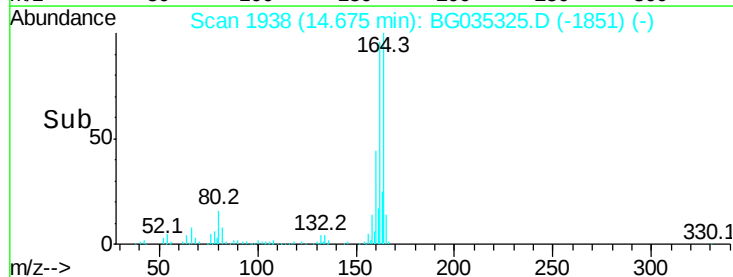
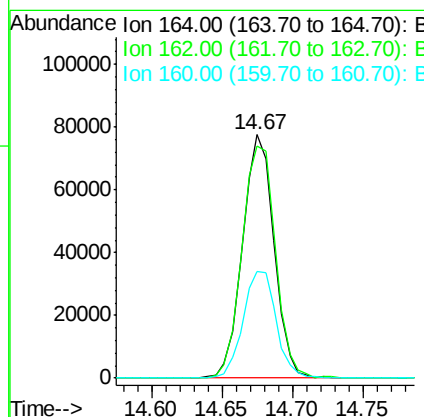
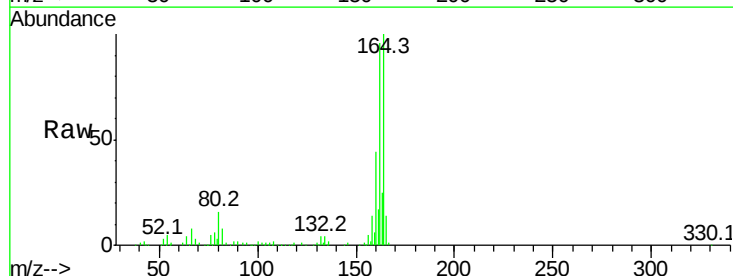
Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-6

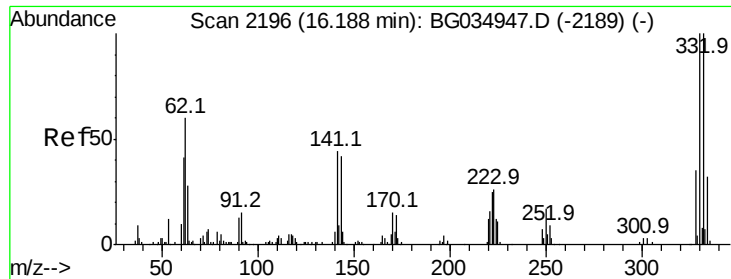
Tot Ion	82	Resp	411481
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	40.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035325.D
 Acq: 22 Jun 2018 8:54

Tgt Ion	164	Resp	120888
Ion Ratio	Lower	Upper	
164	100		
162	95.6	78.8	118.2
160	43.6	35.4	53.0

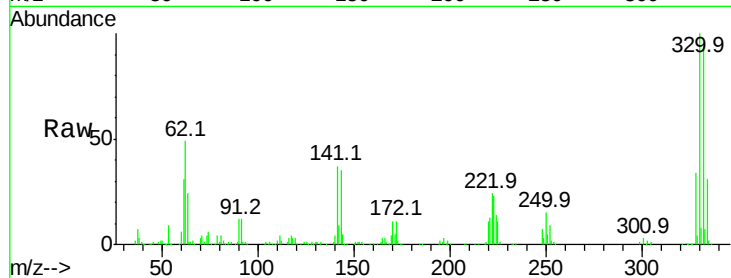




#41
 2,4,6-Tribromophenol
 Concen: 180.868 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035325.D
 Acq: 22 Jun 2018 8:54

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.0	25.2	37.8

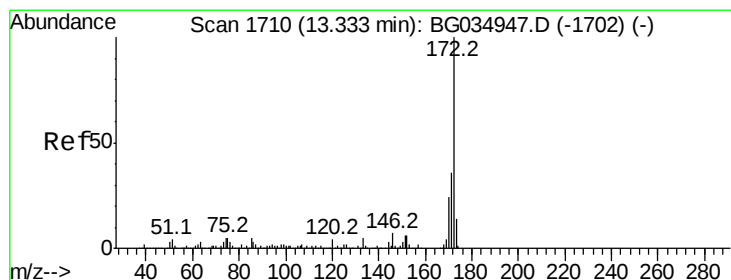
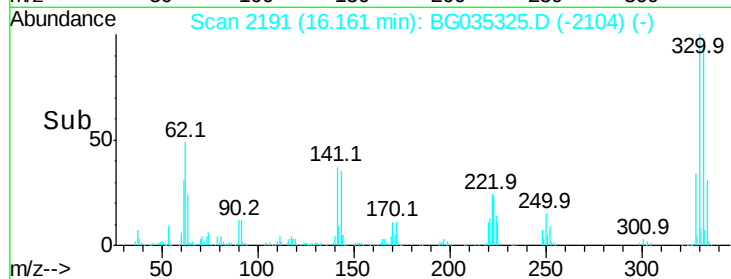
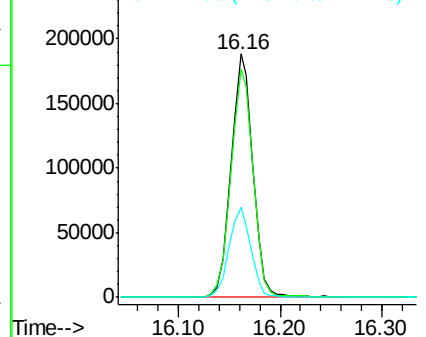


Abundance

Ion 329.80 (329.50 to 330.50): E

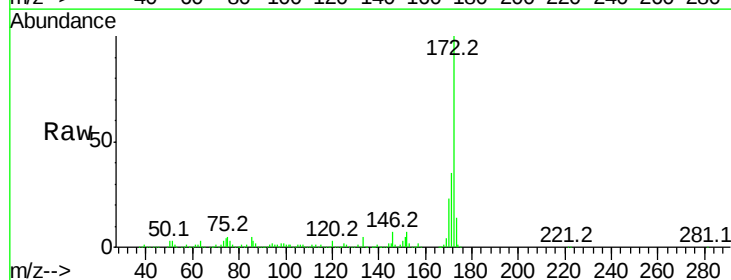
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.483 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035325.D
 Acq: 22 Jun 2018 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.0	19.5	29.3

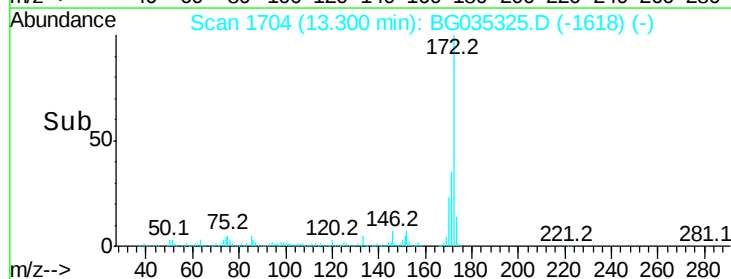
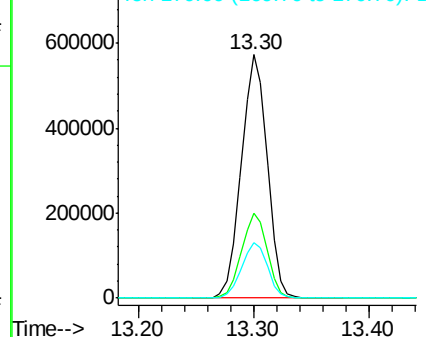


Abundance

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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035325.D

Acq: 22 Jun 2018 8:54

Instrument :

BNA_G

ClientSampleId :

26KV-TP-6

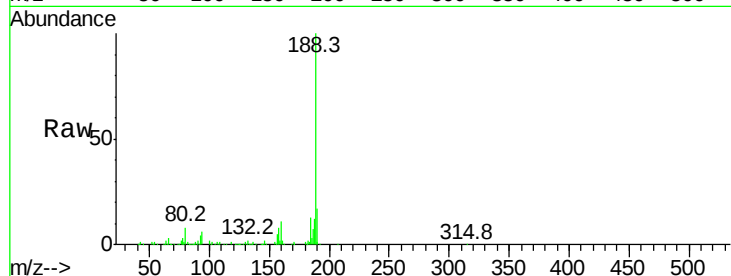
Tot Ion:188 Resp: 330496

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

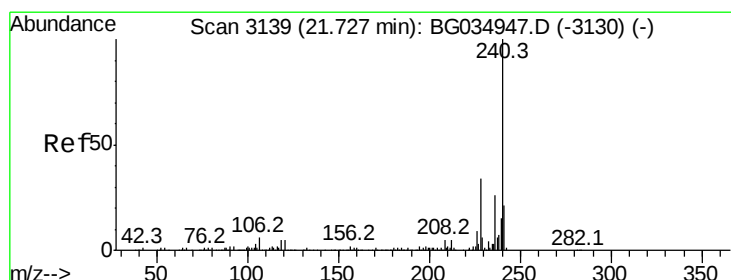
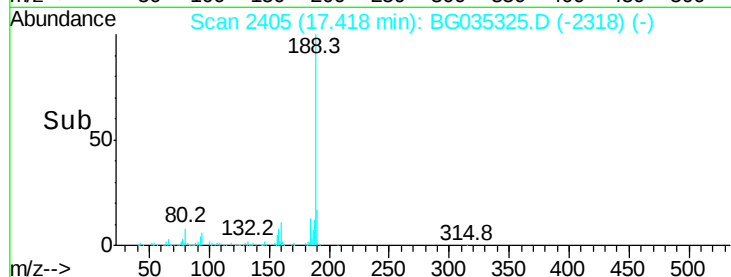
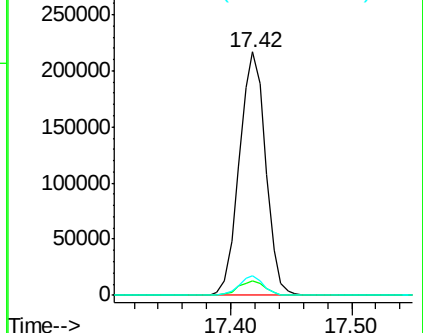
80 8.0 7.7 11.5



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: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035325.D

Acq: 22 Jun 2018 8:54

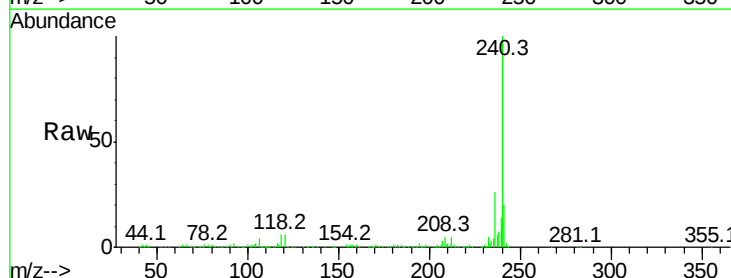
Tgt Ion:240 Resp: 366273

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

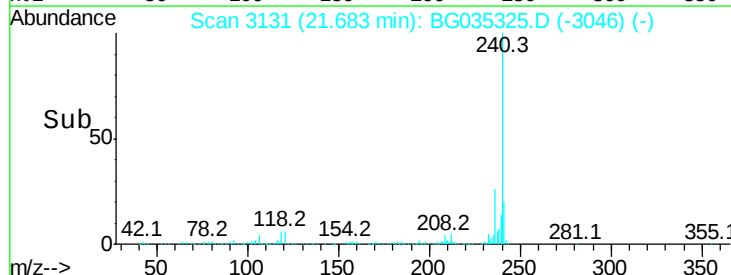
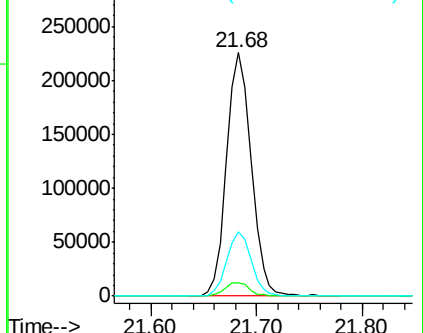
236 26.3 20.9 31.3

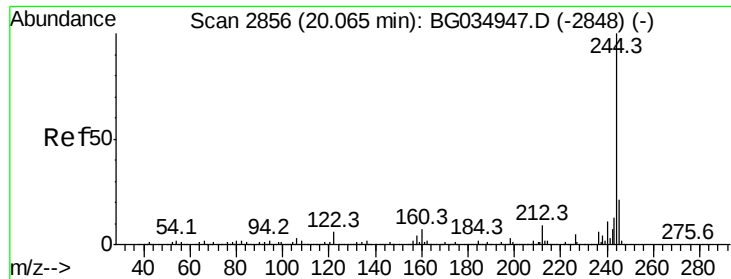


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.996 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035325.D

Acq: 22 Jun 2018 8:54

Instrument :

BNA_G

ClientSampleId :

26KV-TP-6

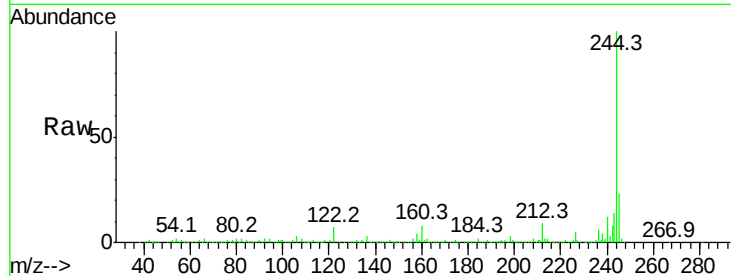
Tot Ion:244 Resp: 1713542

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

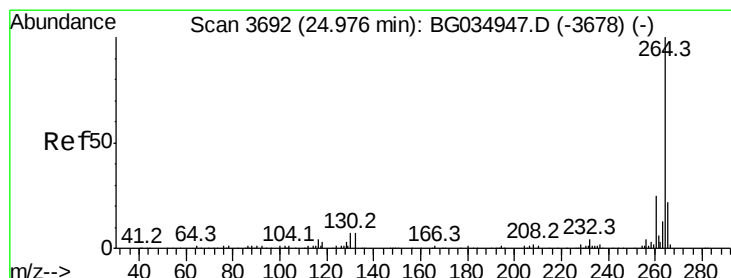
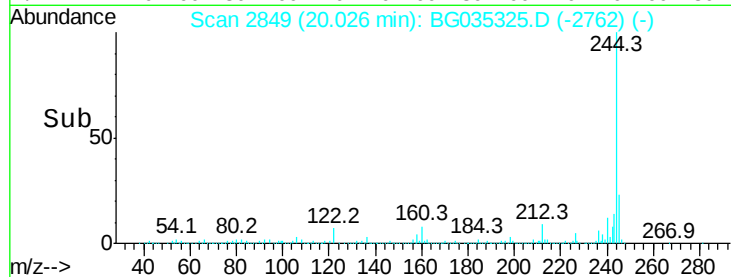
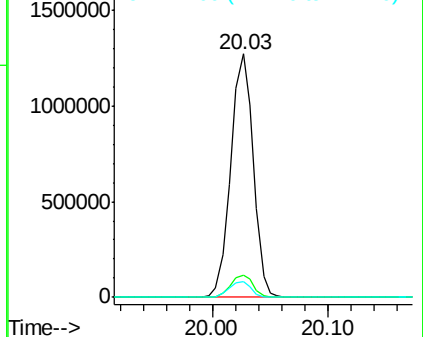
122 6.7 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035325.D

Acq: 22 Jun 2018 8:54

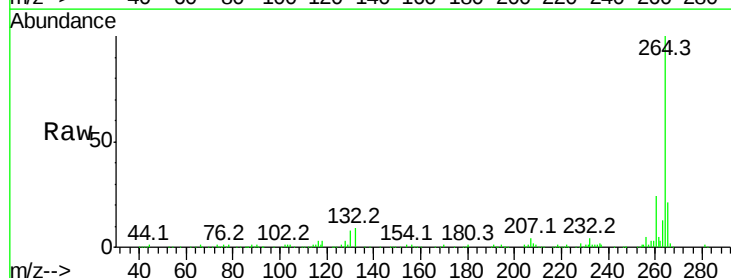
Tgt Ion:264 Resp: 350551

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.1 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

