

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035320.D
 Acq On : 22 Jun 2018 5:41
 Operator : JU/SJ
 Sample : J3603-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV-CSM

Quant Time: Jun 22 07:01:41 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	8.06	152	51674	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	177972	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	122319	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	331648	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	364457	20.00	ng	-0.04
86) Perylene-d12	24.90	264	339849	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	418740	136.76	ng	-0.01
7) Phenol-d6	7.22	99	531506	117.61	ng	0.00
23) Nitrobenzene-d5	9.22	82	422687	112.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	292094	186.54	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	934286	99.30	ng	-0.02
78) Terphenyl-d14	20.02	244	1721492	98.94	ng	-0.02

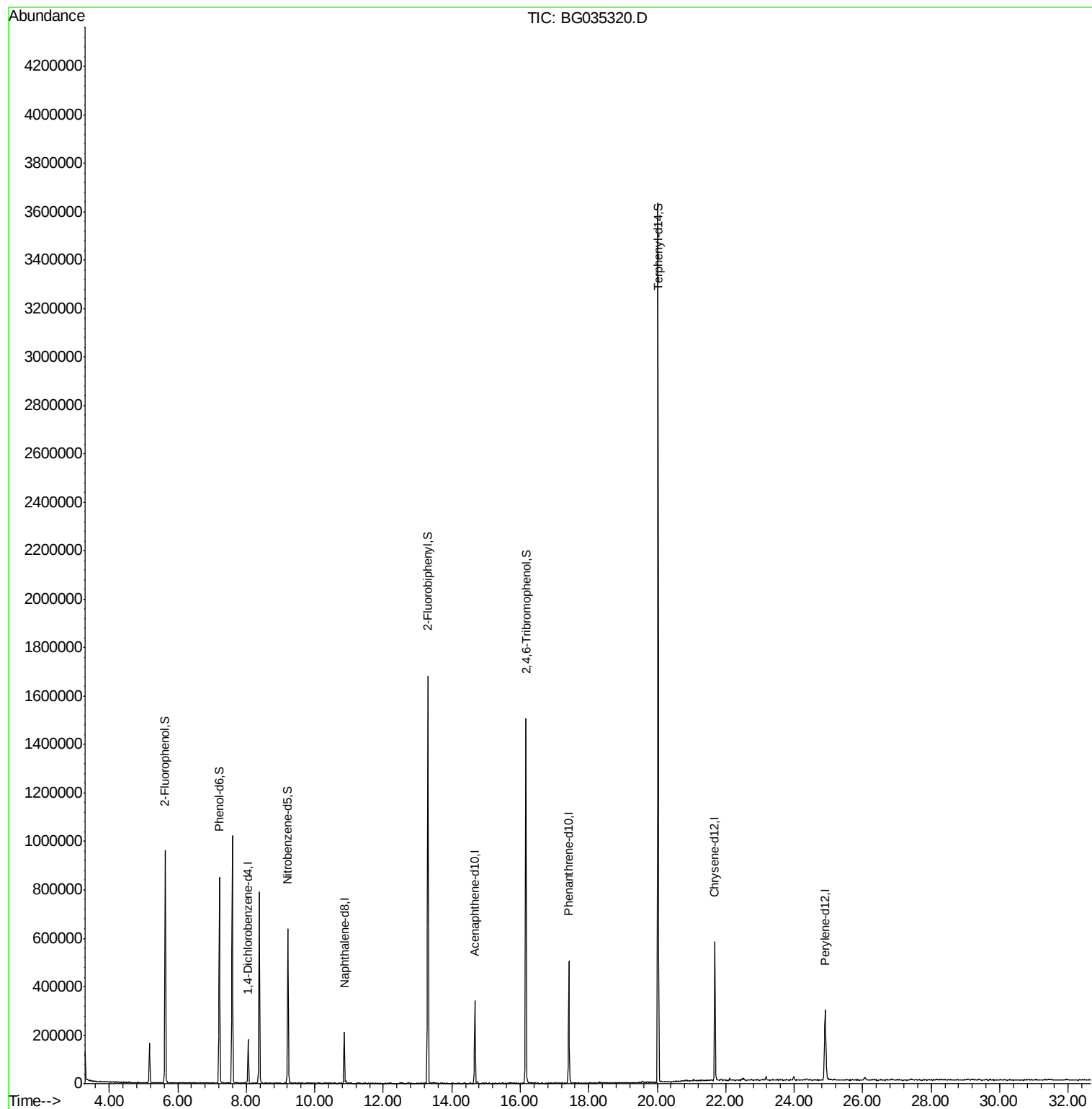
Target Compounds Qvalue

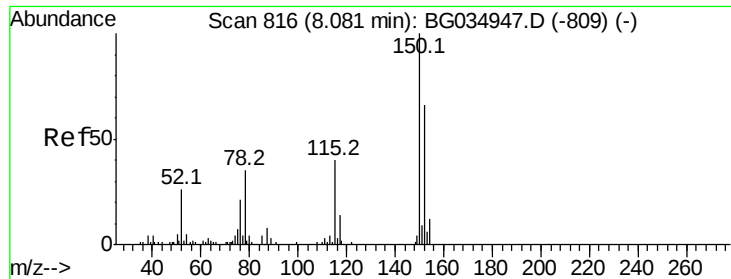
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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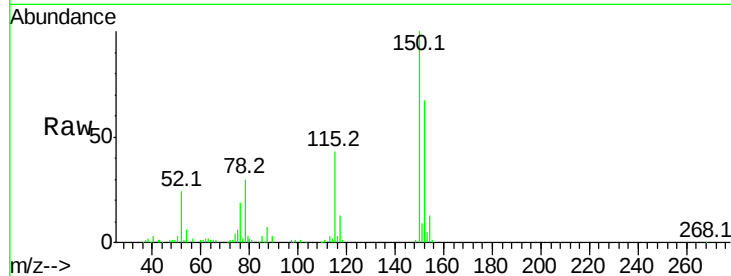


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035320.D
Acq: 22 Jun 2018 5:41

Instrument :
BNA_G
ClientSampleId :
26KV-CSM

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	64.5	53.0	79.4

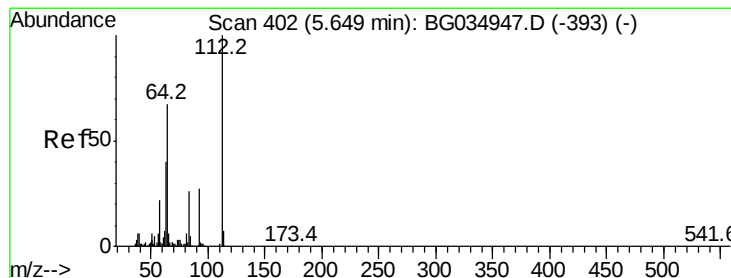
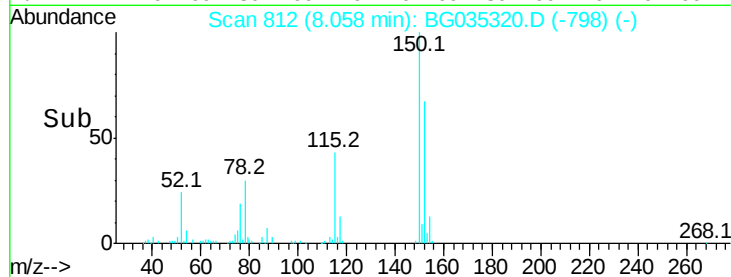
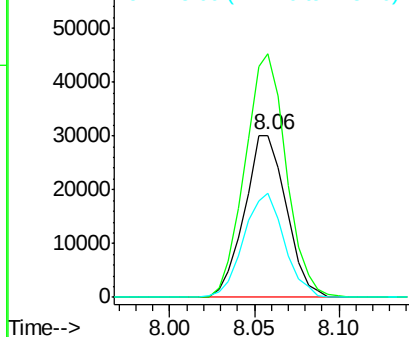


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

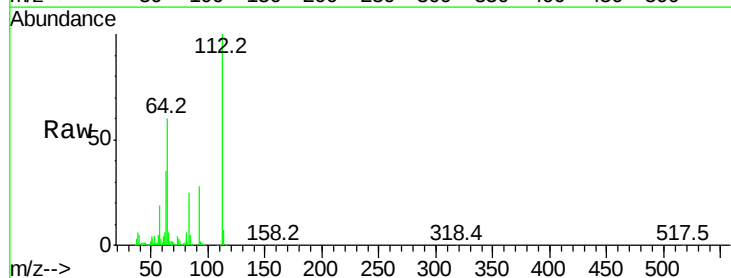
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.755 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035320.D
Acq: 22 Jun 2018 5:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	35.3	30.1	45.1

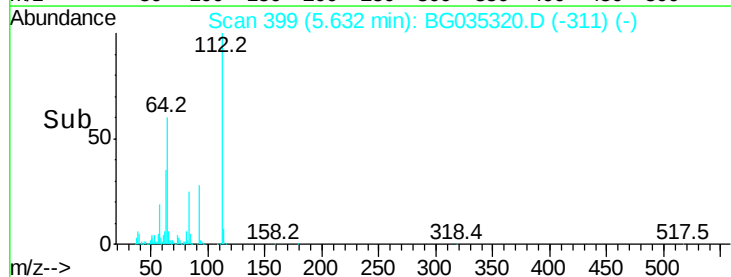
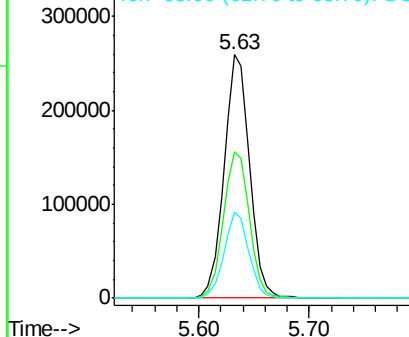


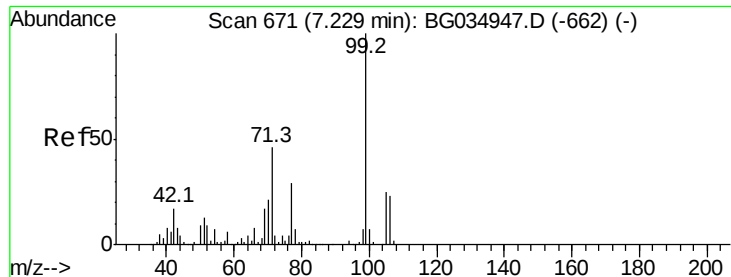
Abundance

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: 117.609 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035320.D

Acq: 22 Jun 2018 5:41

Instrument :

BNA_G

ClientSampleId :

26KV-CSM

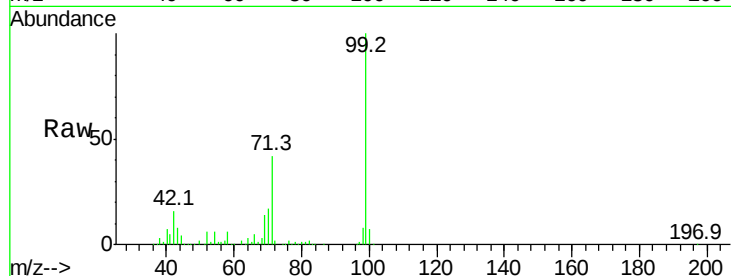
Tot Ion: 99 Resp: 531506

Ion Ratio Lower Upper

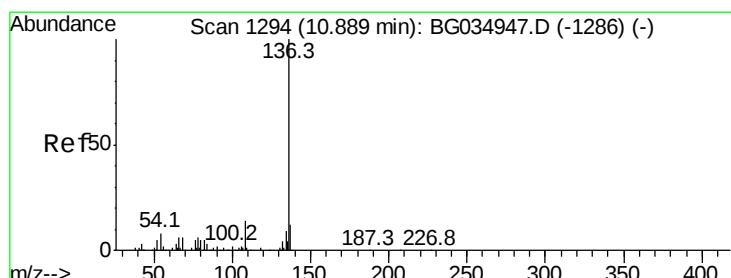
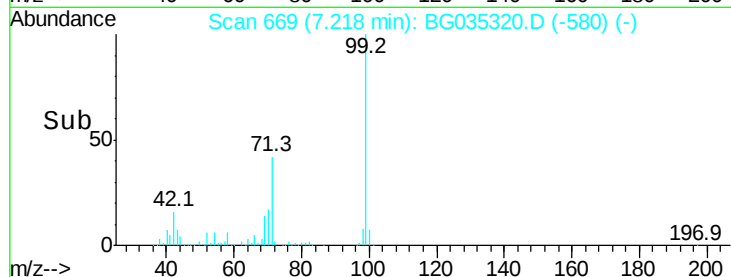
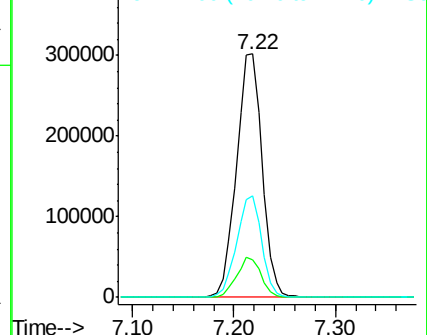
99 100

42 15.7 14.1 21.1

71 41.8 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# 1289

Delta R.T. -0.02 min

Lab File: BG035320.D

Acq: 22 Jun 2018 5:41

Tgt Ion: 136 Resp: 177972

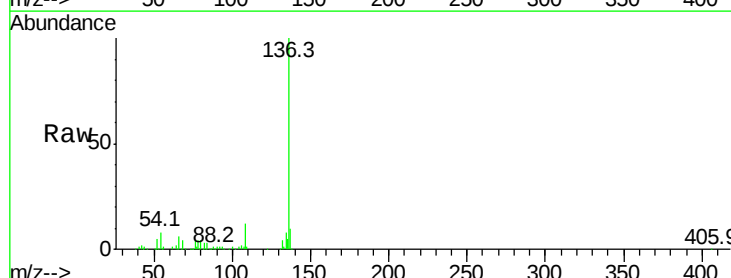
Ion Ratio Lower Upper

136 100

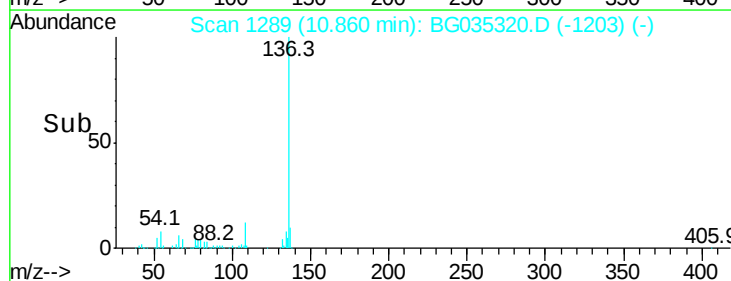
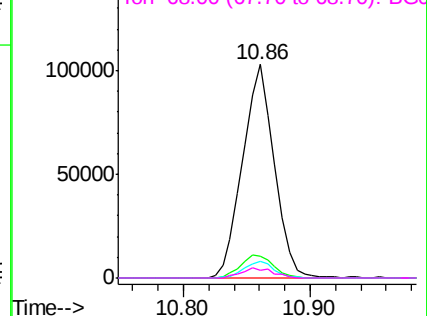
137 10.0 9.2 13.8

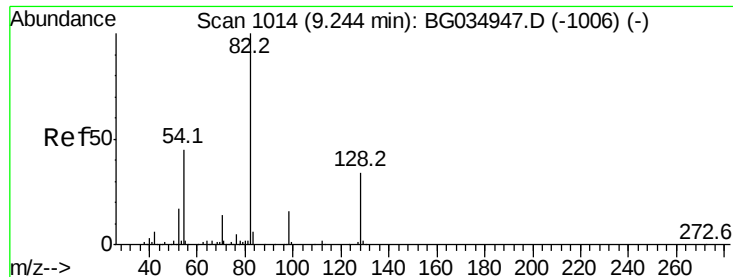
54 7.6 10.3 15.5#

68 3.7 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: 112.895 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035320.D

Acq: 22 Jun 2018 5:41

Instrument :

BNA_G

ClientSampleId :

26KV-CSM

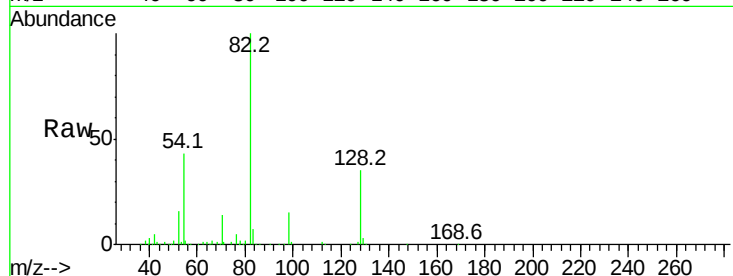
Tot Ion: 82 Resp: 422687

Ion Ratio Lower Upper

82 100

128 35.4 29.7 44.5

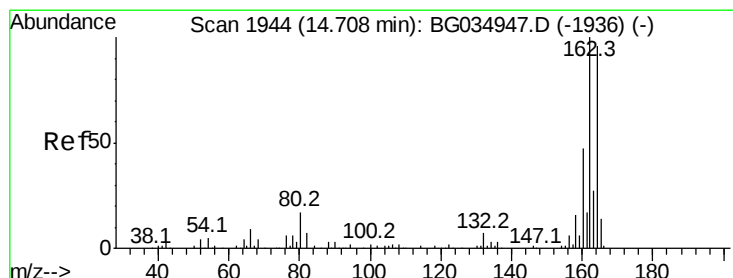
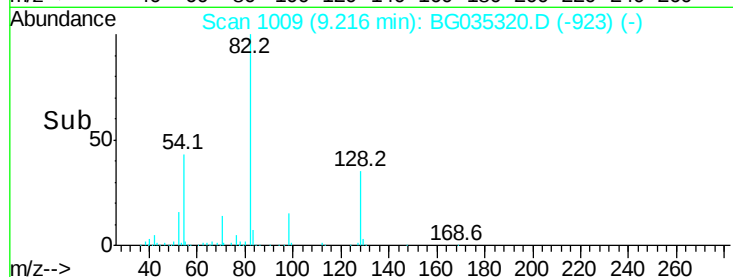
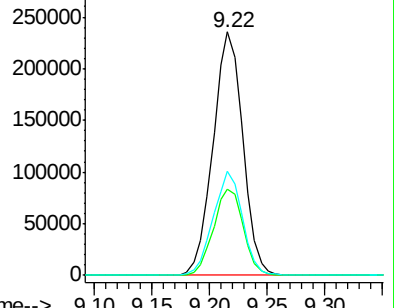
54 42.8 43.1 64.7#



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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035320.D

Acq: 22 Jun 2018 5:41

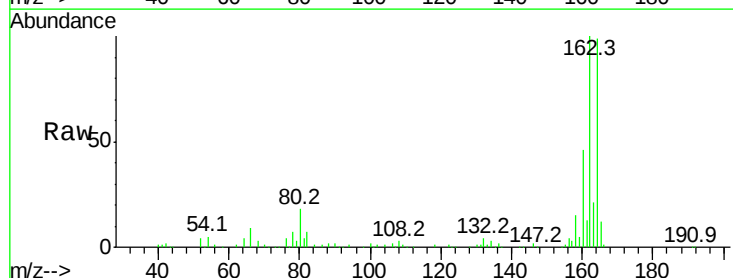
Tgt Ion:164 Resp: 122319

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

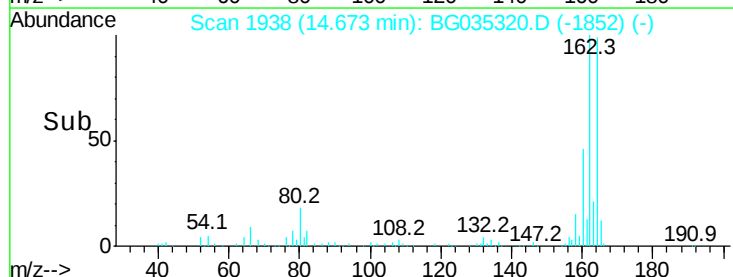
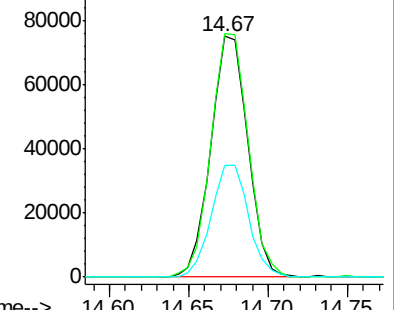
160 46.3 35.4 53.0

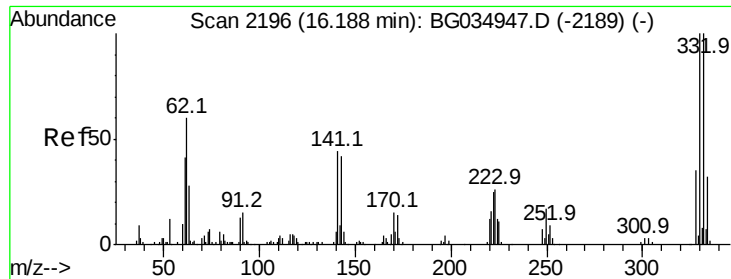


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

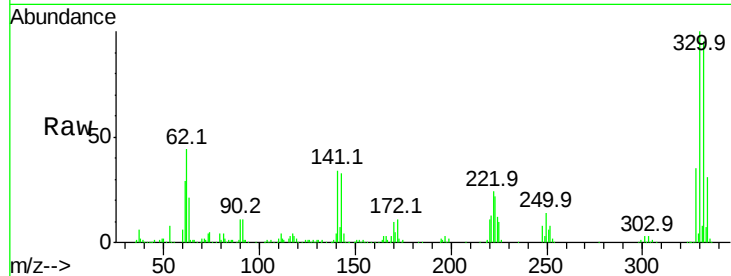




#41
 2,4,6-Tribromophenol
 Concen: 186.542 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035320.D
 Acq: 22 Jun 2018 5:41

Instrument :
 BNA_G
 ClientSampleId :
 26KV-CSM

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.1	25.2	37.8

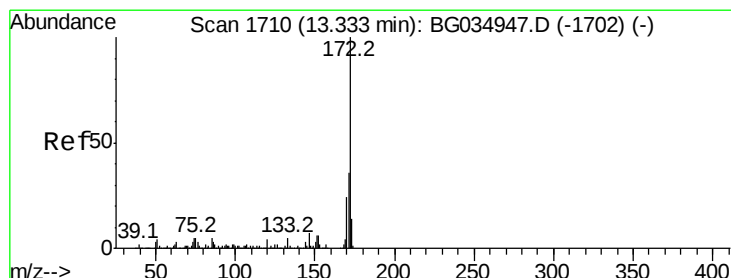
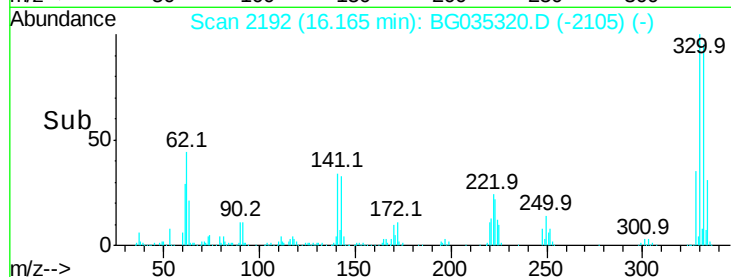
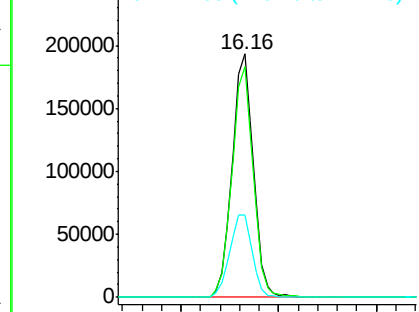


Abundance

Ion 329.80 (329.50 to 330.50): E

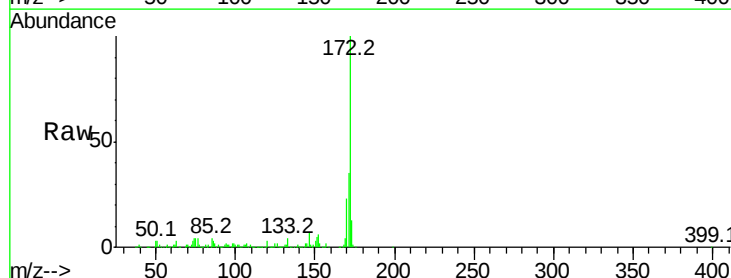
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.295 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035320.D
 Acq: 22 Jun 2018 5:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.7	19.5	29.3

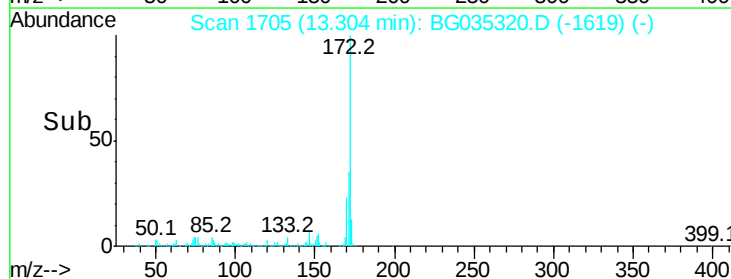
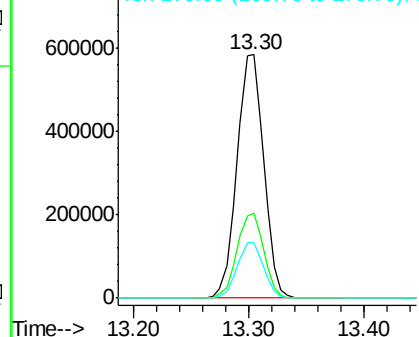


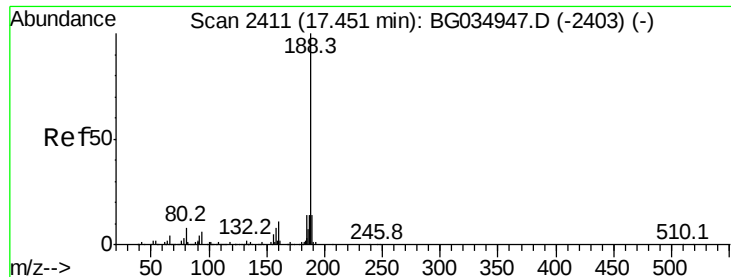
Abundance

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: BG035320.D

Acq: 22 Jun 2018 5:41

Instrument :

BNA_G

ClientSampleId :

26KV-CSM

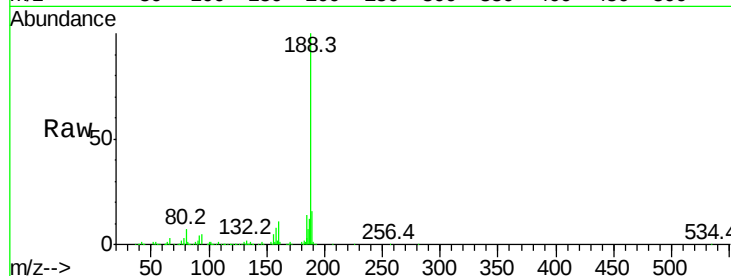
Tot Ion:188 Resp: 331648

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

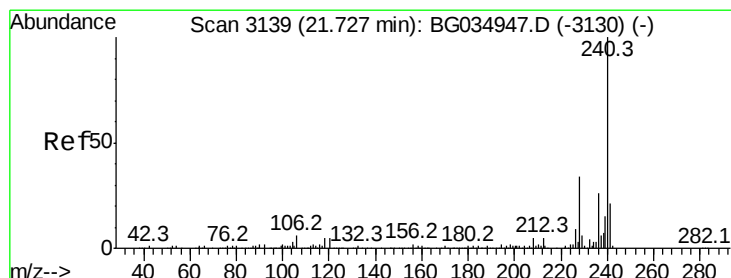
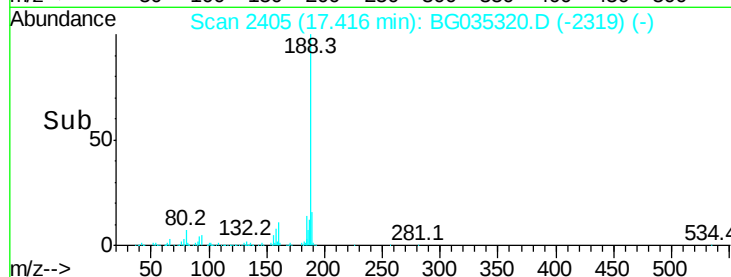
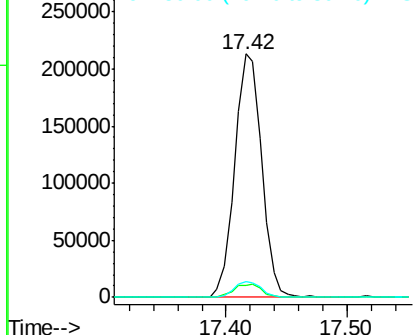
80 6.6 7.7 11.5#



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. -0.04 min

Lab File: BG035320.D

Acq: 22 Jun 2018 5:41

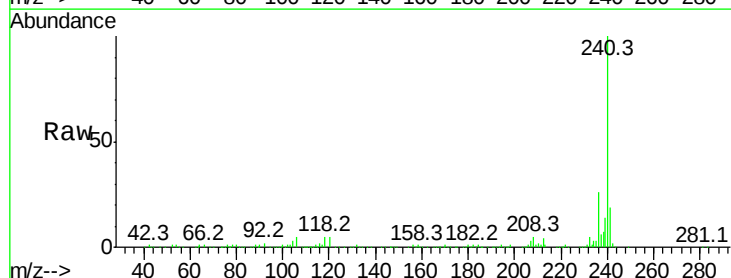
Tgt Ion:240 Resp: 364457

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

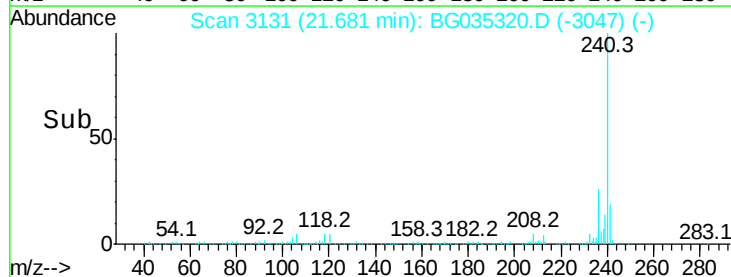
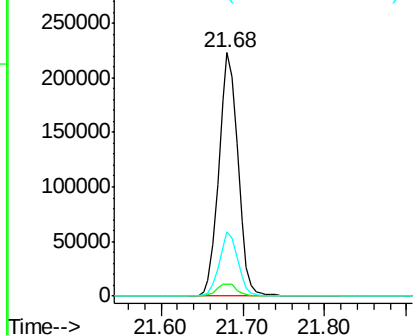
236 26.4 20.9 31.3

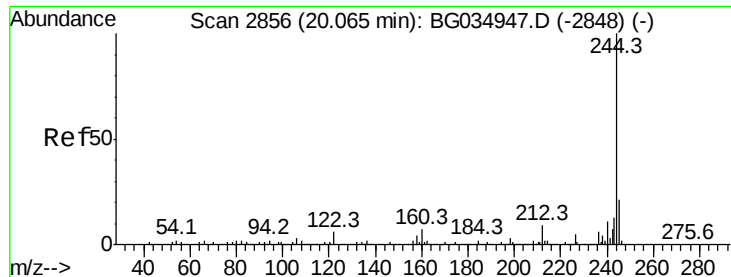


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.941 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035320.D

Acq: 22 Jun 2018 5:41

Instrument :

BNA_G

ClientSampleId :

26KV-CSM

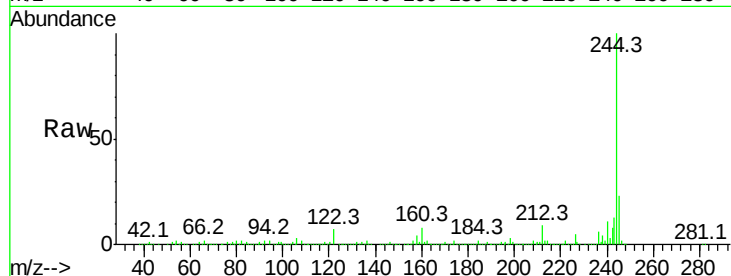
Tot Ion:244 Resp: 1721492

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

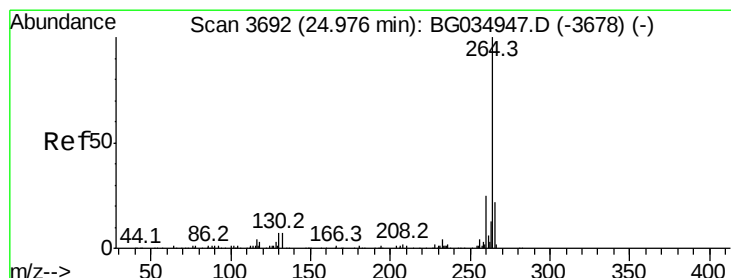
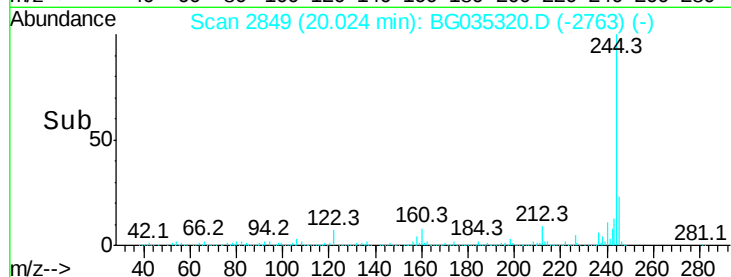
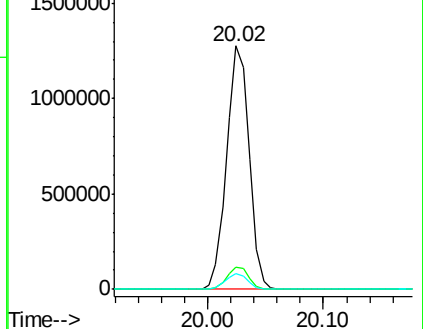
122 6.6 7.0 10.4#



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: BG035320.D

Acq: 22 Jun 2018 5:41

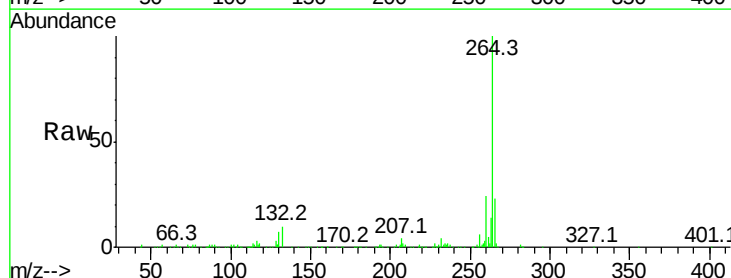
Tgt Ion:264 Resp: 339849

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 23.1 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

