

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035317.D
 Acq On : 22 Jun 2018 3:45
 Operator : JU/SJ
 Sample : J3603-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-3

Quant Time: Jun 22 05:46:17 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	51511	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	178750	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	121366	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	331839	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	362742	20.00	ng	-0.03
86) Perylene-d12	24.91	264	346959	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	414518	135.80	ng	0.00
7) Phenol-d6	7.21	99	536358	119.06	ng	-0.01
23) Nitrobenzene-d5	9.21	82	421112	111.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	293769	189.08	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	902738	96.70	ng	-0.02
78) Terphenyl-d14	20.03	244	1728231	99.80	ng	-0.02

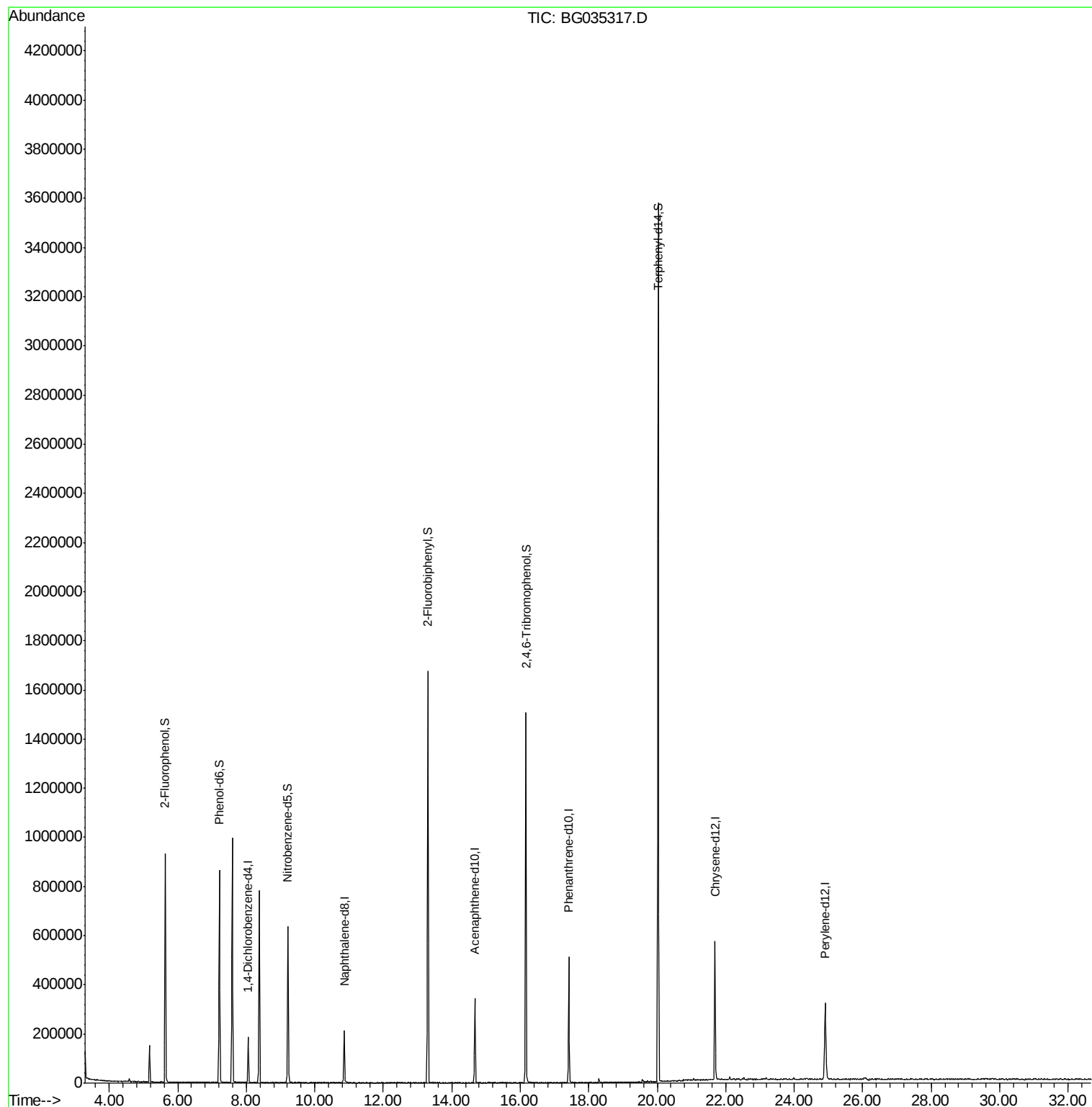
Target Compounds Qvalue

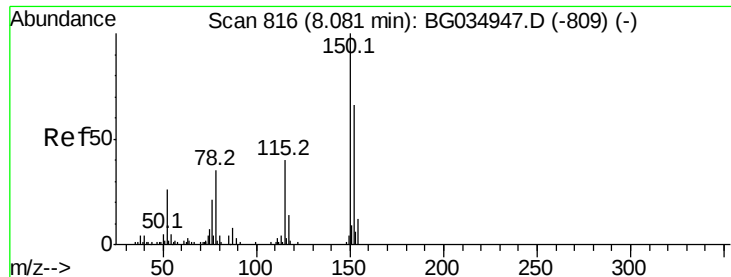
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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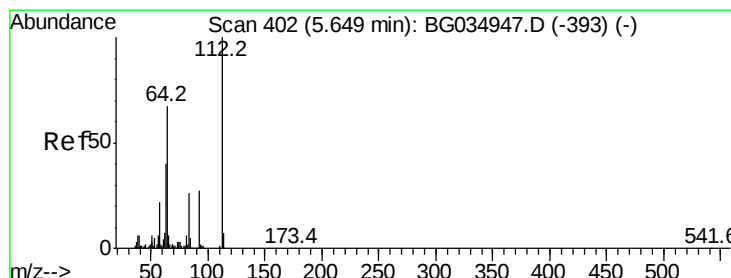
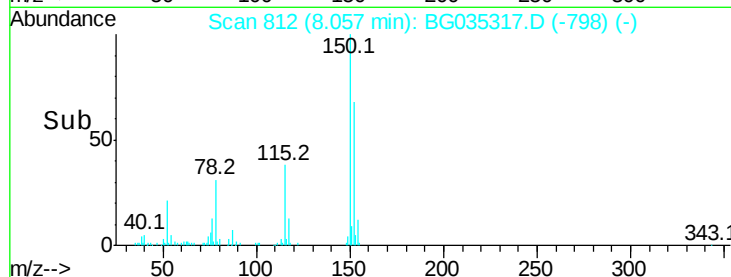
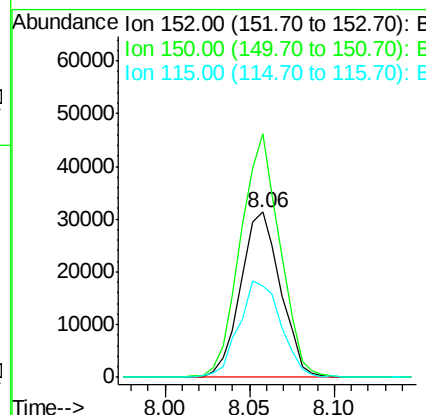
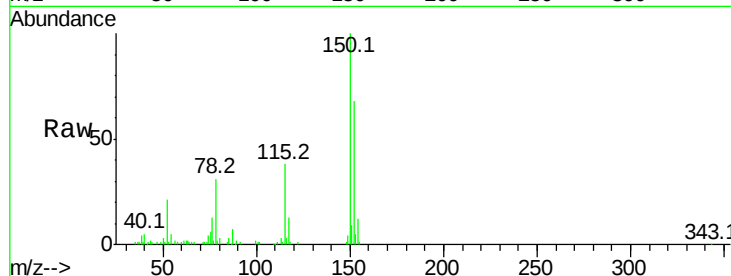


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :
26KV-TP-3

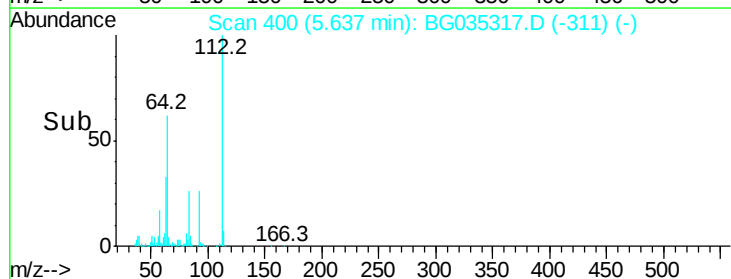
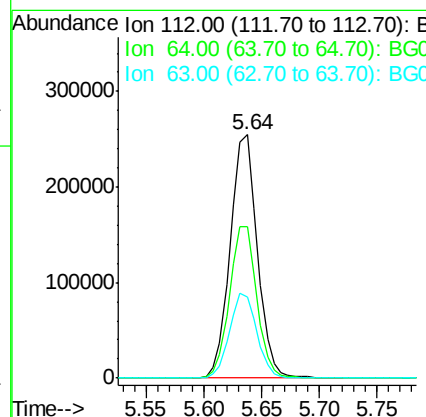
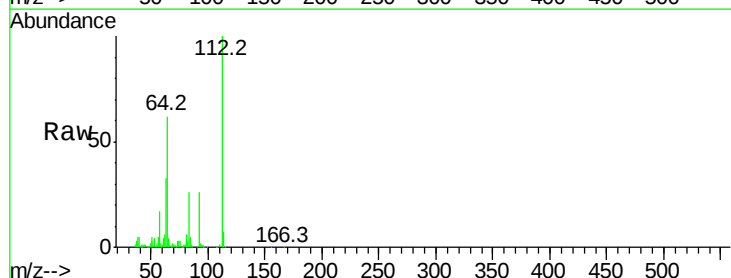
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	126.6	189.8
115	55.7	53.0	79.4

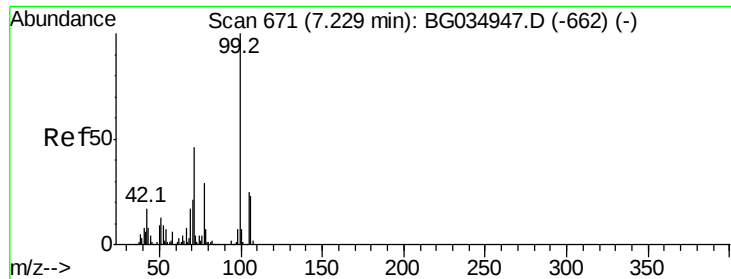


#5

2-Fluorophenol
Concen: 135.805 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.3	84.5
63	33.1	30.1	45.1





#7

Phenol-d6

Concen: 119.058 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035317.D

Acq: 22 Jun 2018 3:45

Instrument :

BNA_G

ClientSampleId :

26KV-TP-3

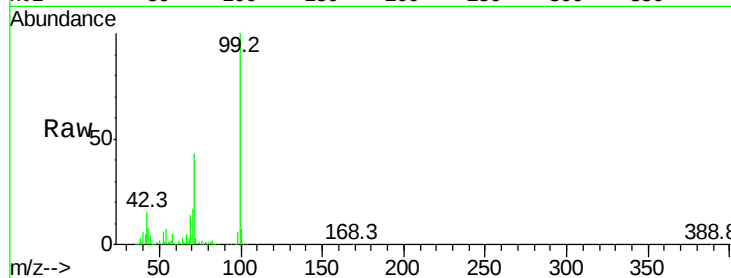
Tot Ion: 99 Resp: 536358

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

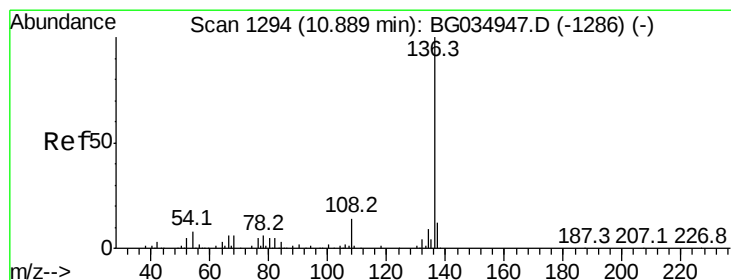
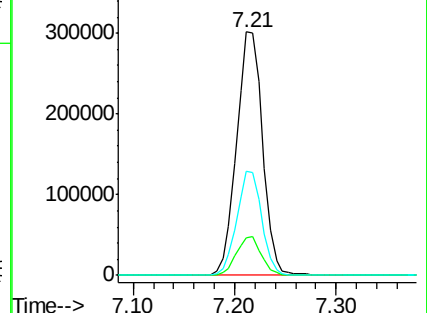
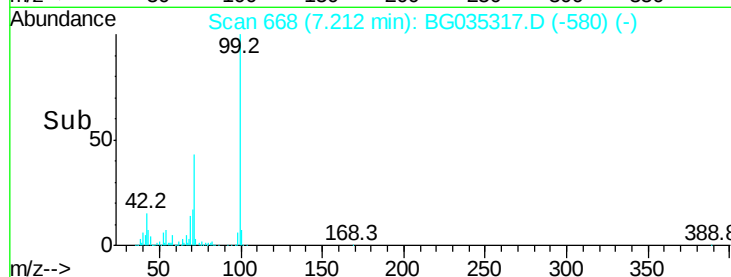
71 43.0 26.1 39.1#



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: BG035317.D

Acq: 22 Jun 2018 3:45

Tgt Ion: 136 Resp: 178750

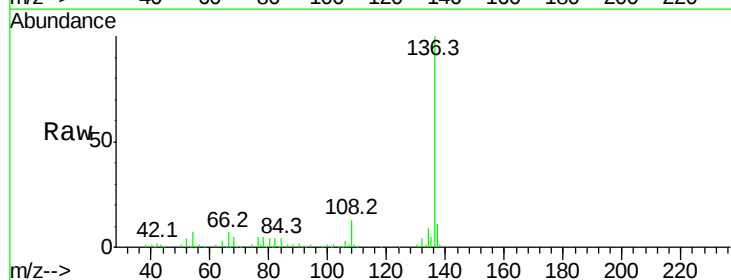
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.8 10.3 15.5#

68 5.3 4.5 6.7

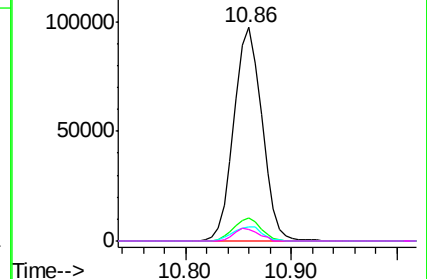
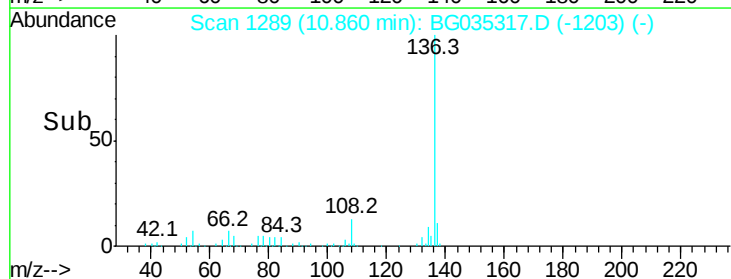


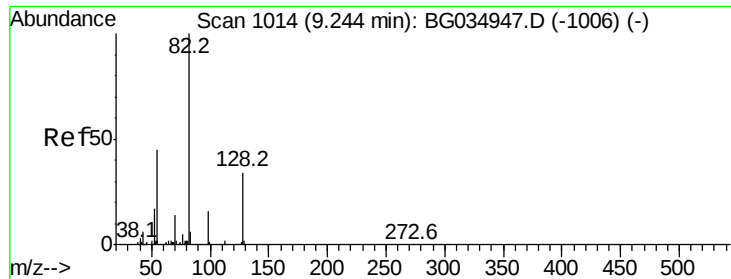
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

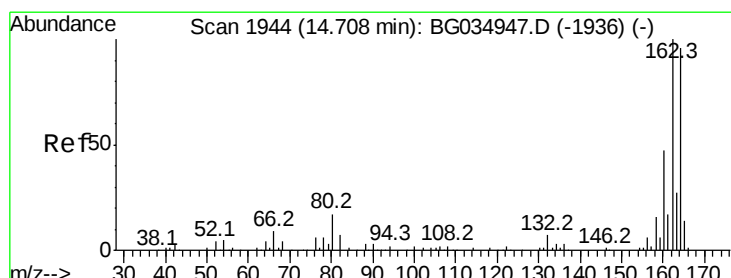
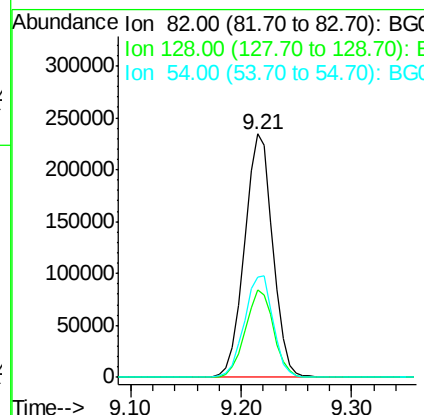
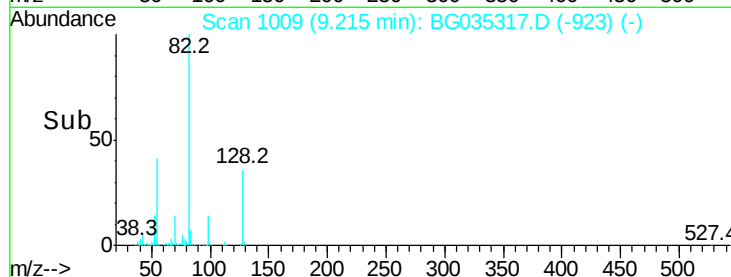
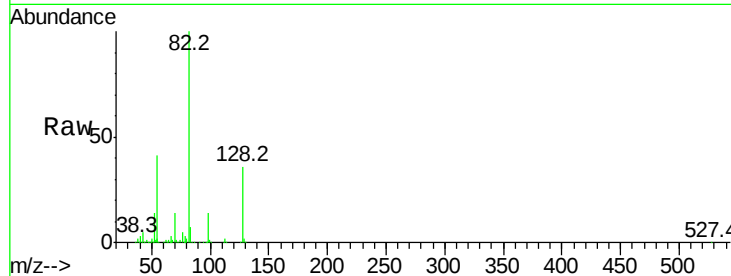




#23
Nitrobenzene-d5
Concen: 111.985 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

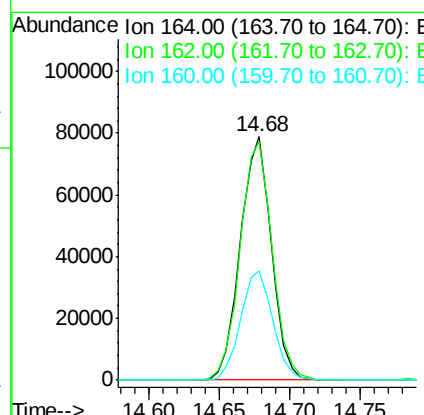
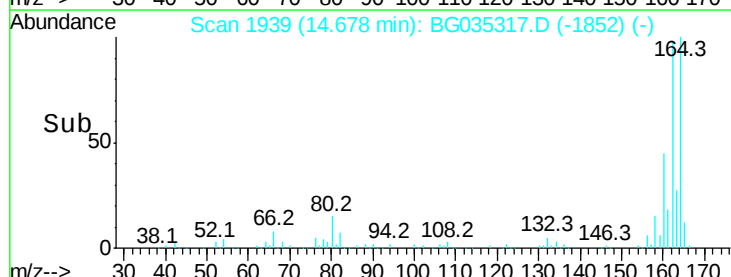
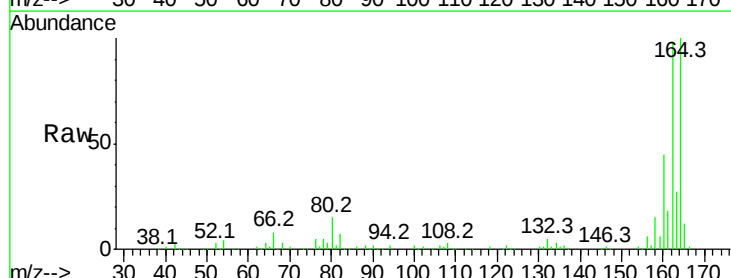
Instrument :
BNA_G
ClientSampleId :
26KV-TP-3

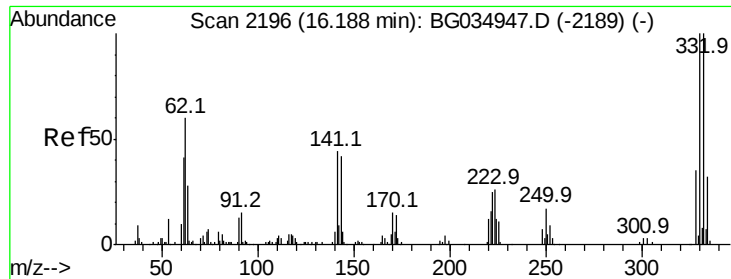
Tot Ion: 82 Resp: 421112
Ion Ratio Lower Upper
82 100
128 36.2 29.7 44.5
54 41.4 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion:164 Resp: 121366
Ion Ratio Lower Upper
164 100
162 97.9 78.8 118.2
160 44.9 35.4 53.0

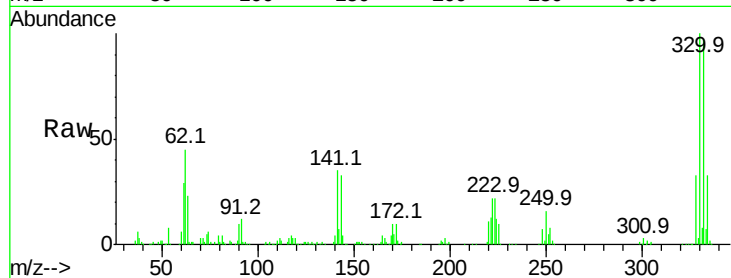




#41
 2,4,6-Tribromophenol
 Concen: 189.084 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035317.D
 Acq: 22 Jun 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	36.7	25.2	37.8

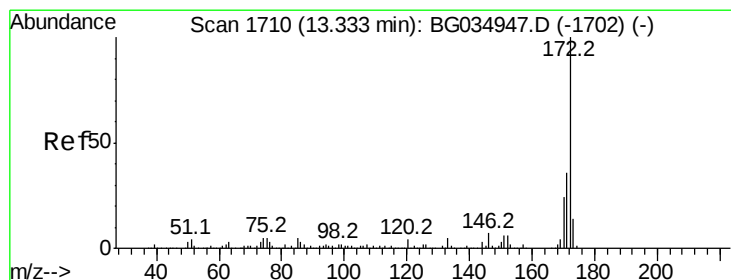
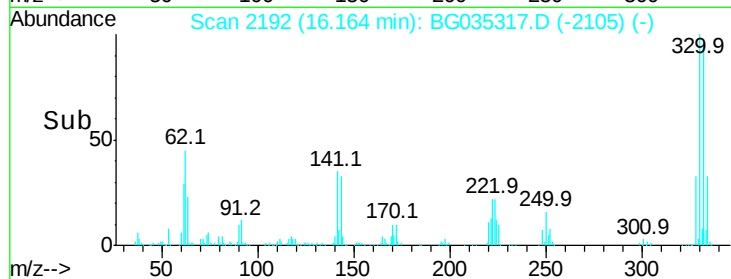
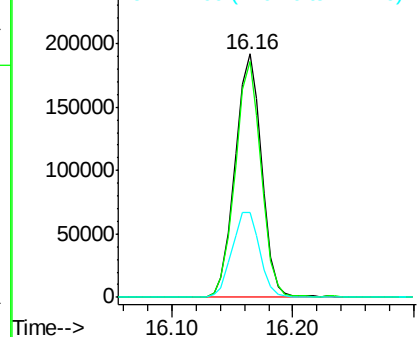


Abundance

Ion 329.80 (329.50 to 330.50): E

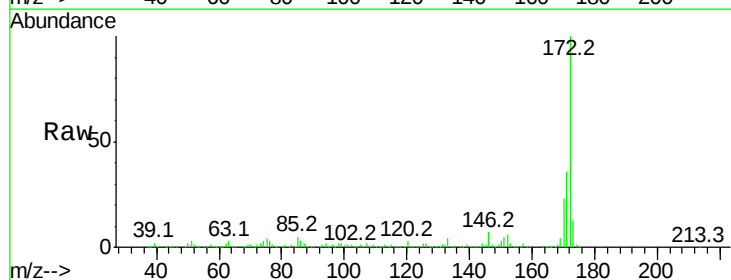
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.696 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035317.D
 Acq: 22 Jun 2018 3:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.5	19.5	29.3

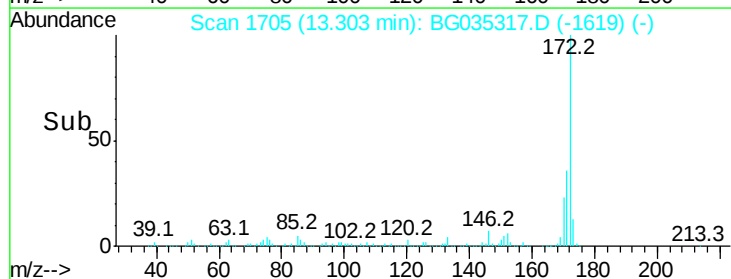
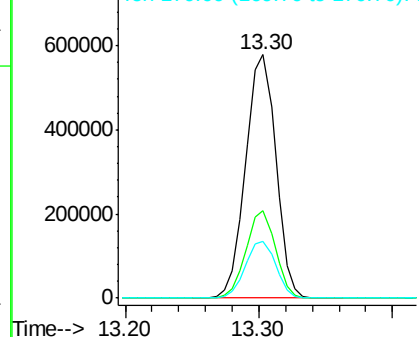


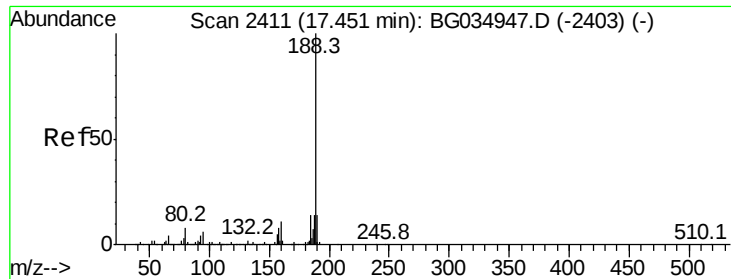
Abundance

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: BG035317.D

Acq: 22 Jun 2018 3:45

Instrument :

BNA_G

ClientSampleId :

26KV-TP-3

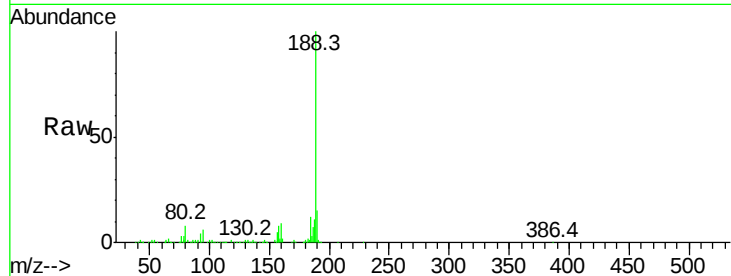
Tot Ion:188 Resp: 331839

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

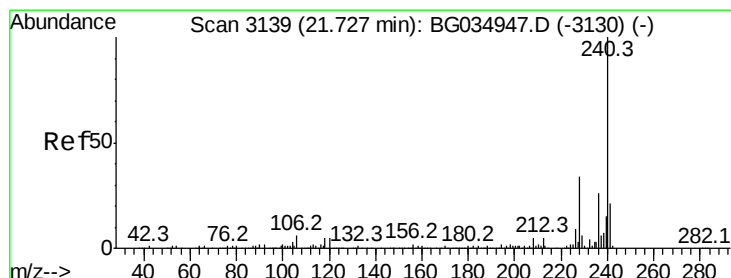
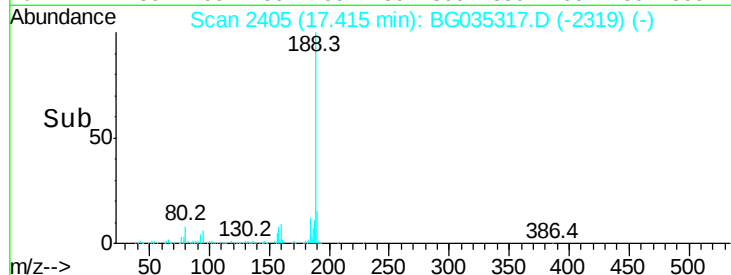
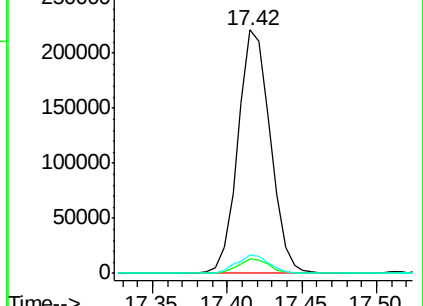
80 7.5 7.7 11.5#



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035317.D

Acq: 22 Jun 2018 3:45

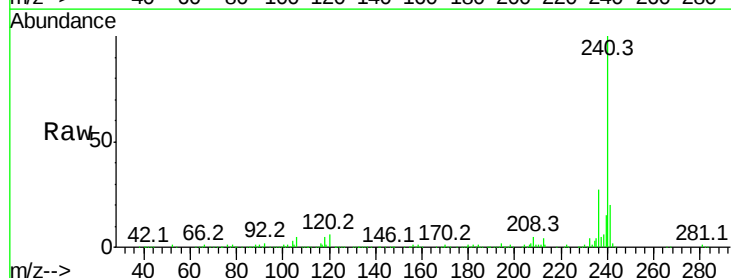
Tgt Ion:240 Resp: 362742

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

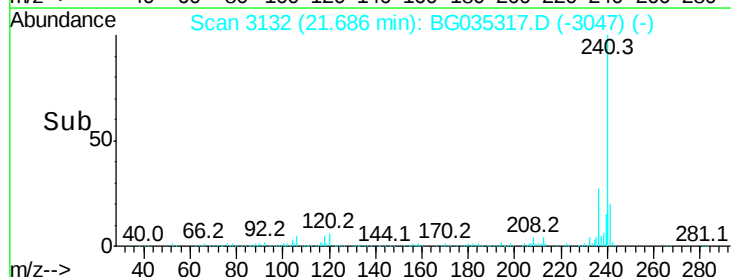
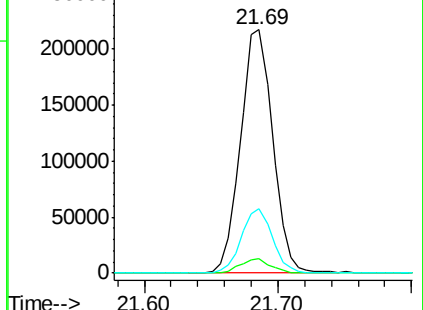
236 26.7 20.9 31.3

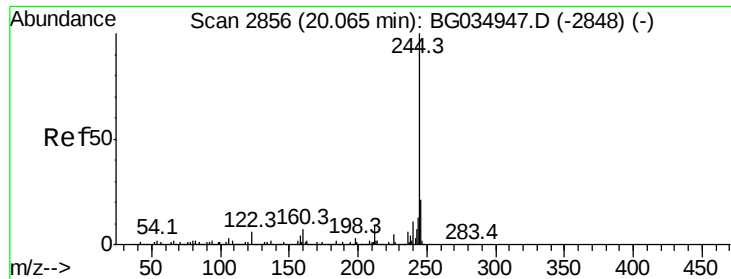


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.798 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035317.D

Acq: 22 Jun 2018 3:45

Instrument :

BNA_G

ClientSampleId :

26KV-TP-3

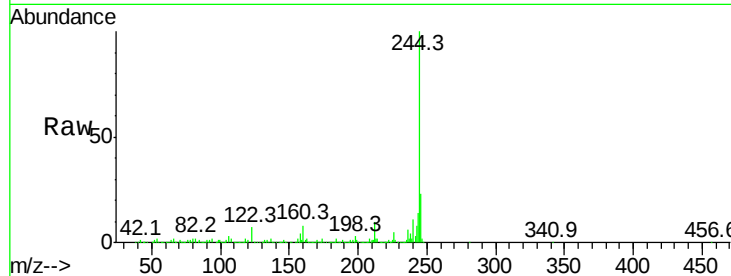
Tot Ion:244 Resp: 1728231

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

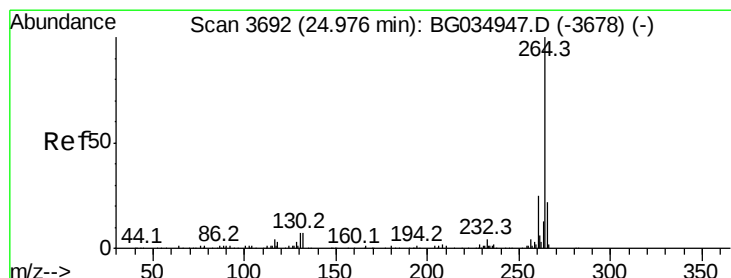
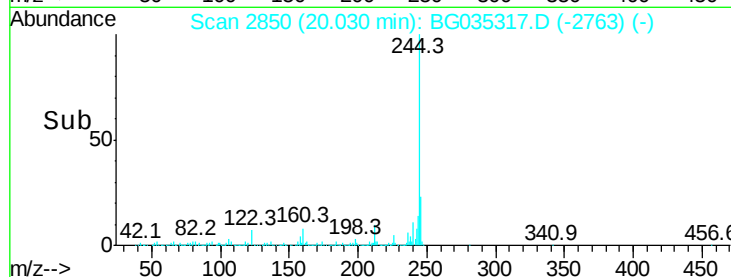
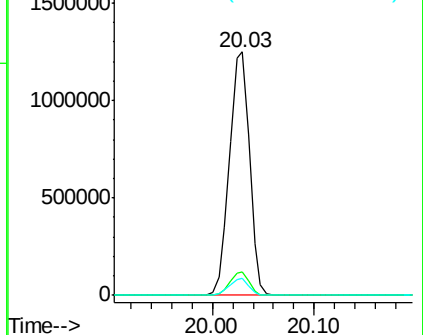
122 6.8 7.0 10.4#



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: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035317.D

Acq: 22 Jun 2018 3:45

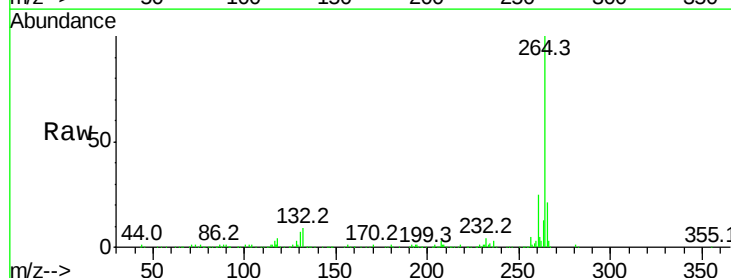
Tgt Ion:264 Resp: 346959

Ion Ratio Lower Upper

264 100

260 25.3 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

