

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035219.D
 Acq On : 18 Jun 2018 15:16
 Operator : SJ/JU
 Sample : J3464-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-39-COMP

Quant Time: Jun 18 16:58:01 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	33238	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	121168	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	84466	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	291983	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	509313	20.00	ng	-0.02
86) Perylene-d12	24.92	264	305323	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	278188	141.25	ng	0.00
7) Phenol-d6	7.22	99	357821	123.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	274686	107.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	220185	203.64	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	612044	94.20	ng	-0.02
78) Terphenyl-d14	20.04	244	2291462	94.24	ng	-0.01

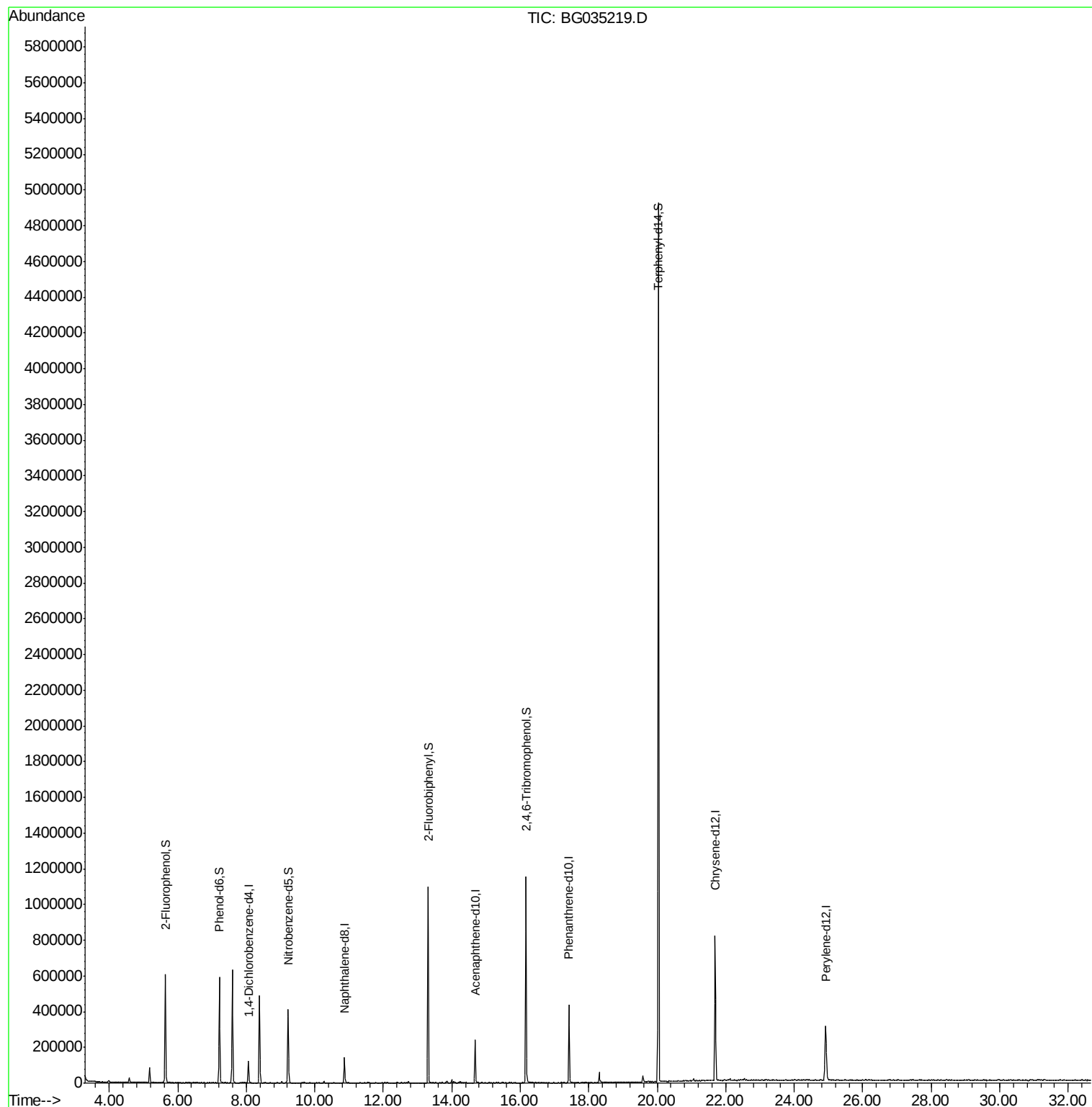
Target Compounds Qvalue

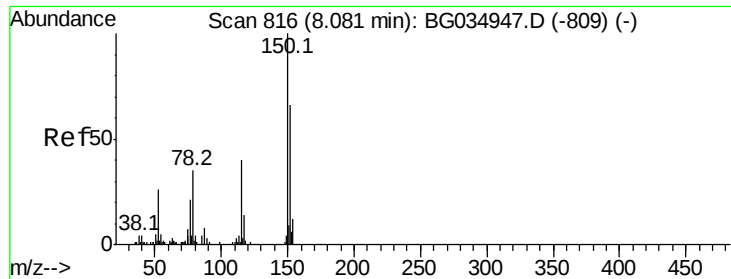
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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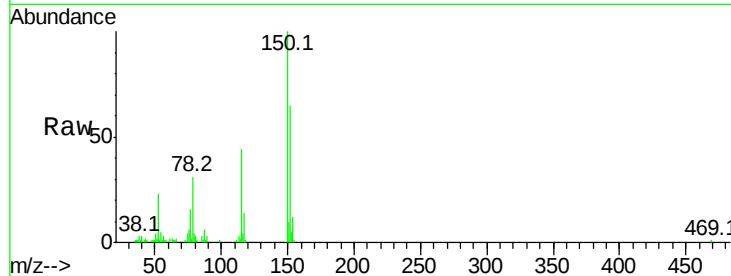


#1

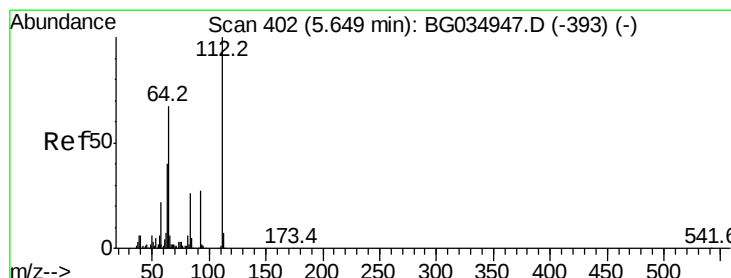
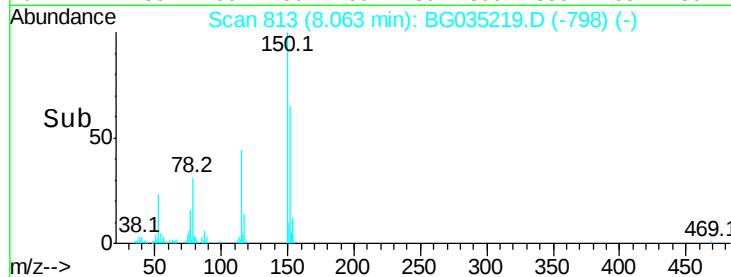
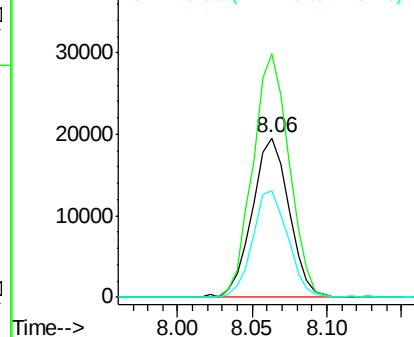
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

Tot Ion:152 Resp: 33238
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 67.3 53.0 79.4



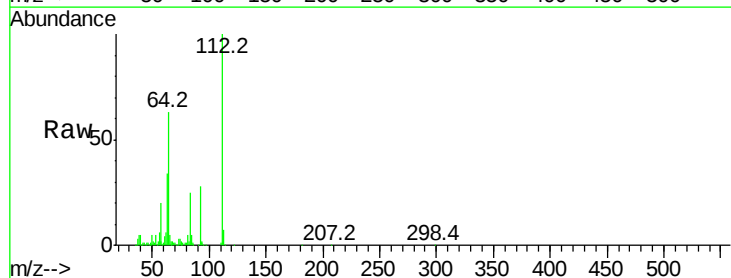
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



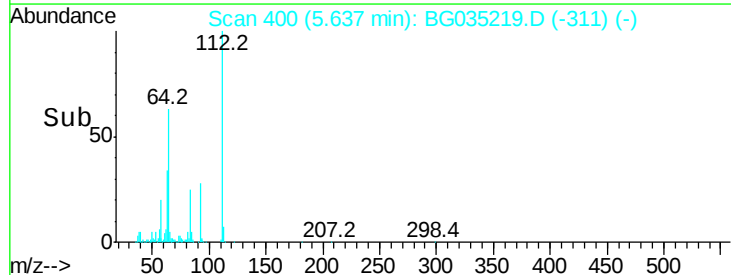
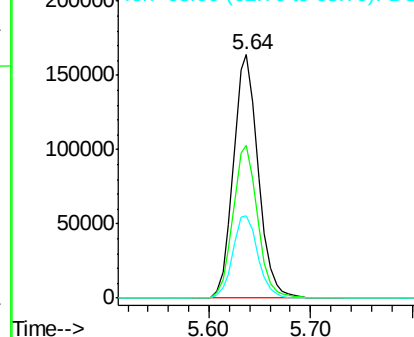
#5

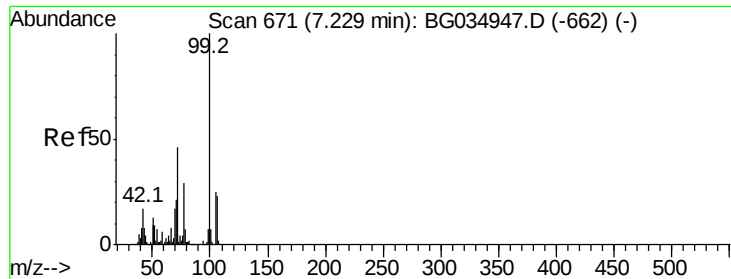
2-Fluorophenol
Concen: 141.246 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Tgt Ion:112 Resp: 278188
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 33.7 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: 123.093 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

Instrument :

BNA_G

ClientSampleId :

SB-39-COMP

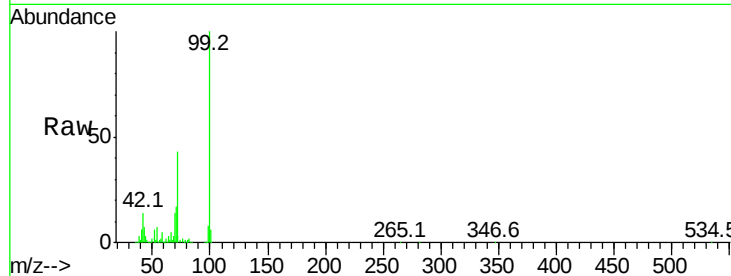
Tot Ion: 99 Resp: 357821

Ion Ratio Lower Upper

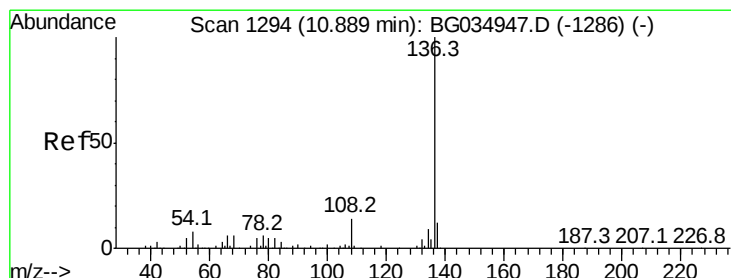
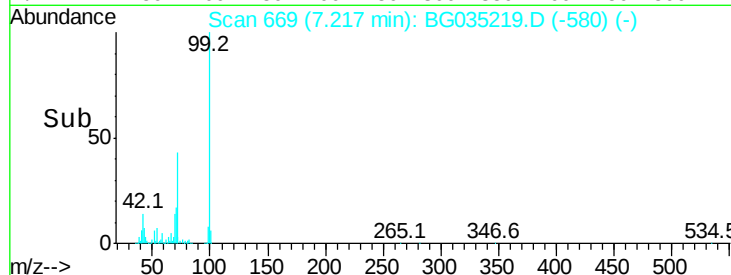
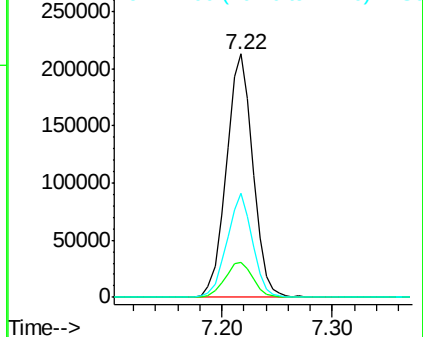
99 100

42 14.4 14.1 21.1

71 42.5 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

Tgt Ion: 136 Resp: 121168

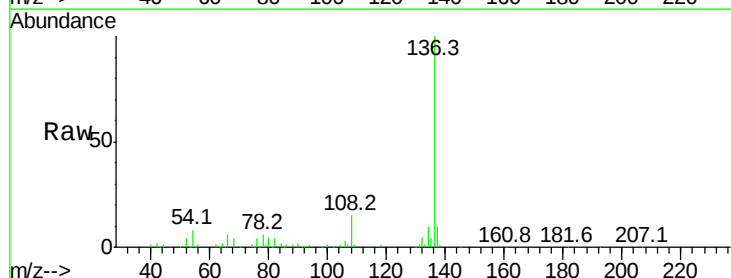
Ion Ratio Lower Upper

136 100

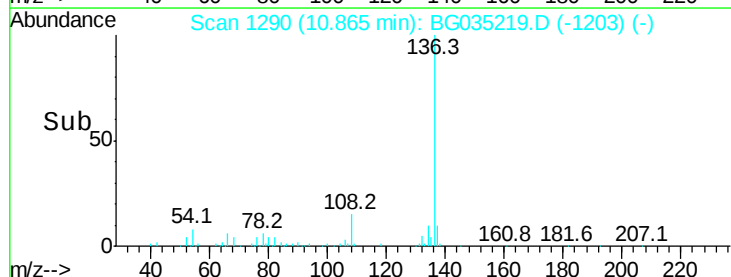
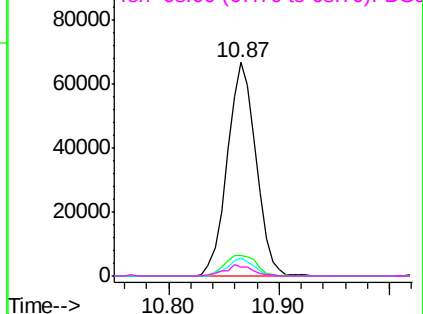
137 9.7 9.2 13.8

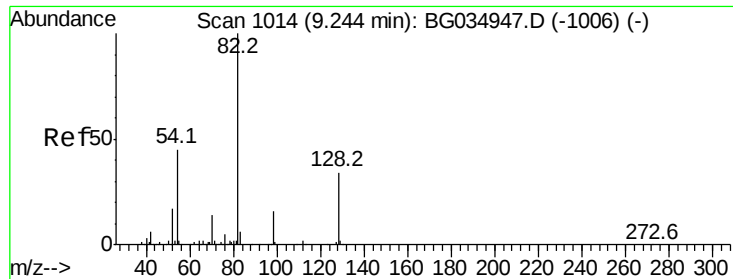
54 8.3 10.3 15.5#

68 4.2 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

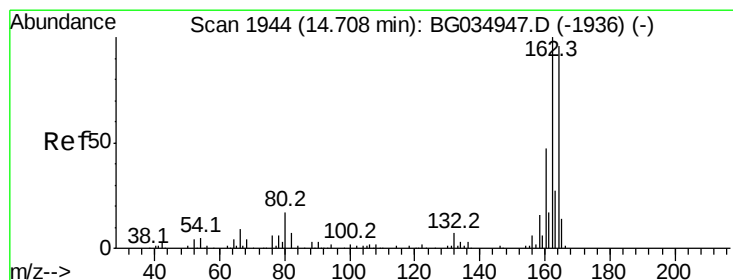
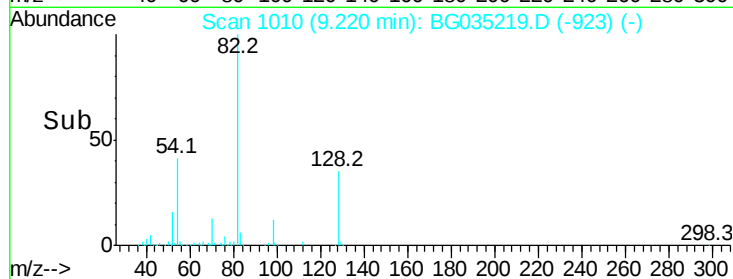
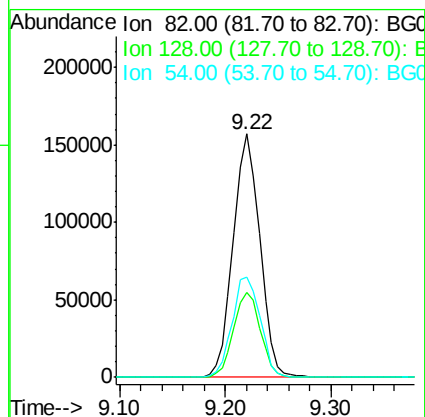
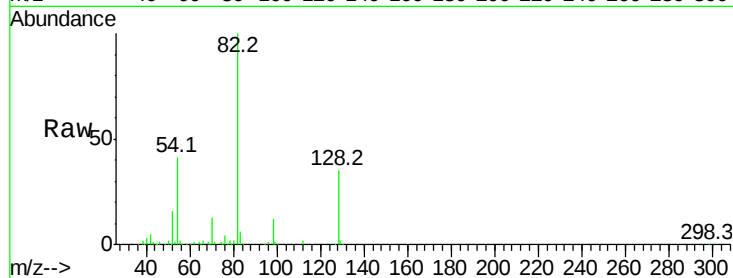




#23
Nitrobenzene-d5
Concen: 107.760 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

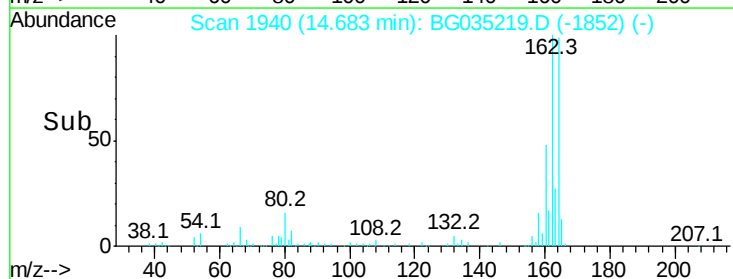
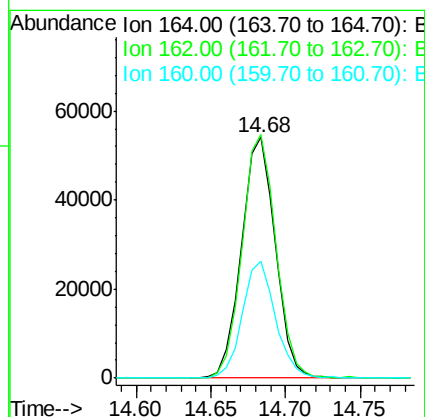
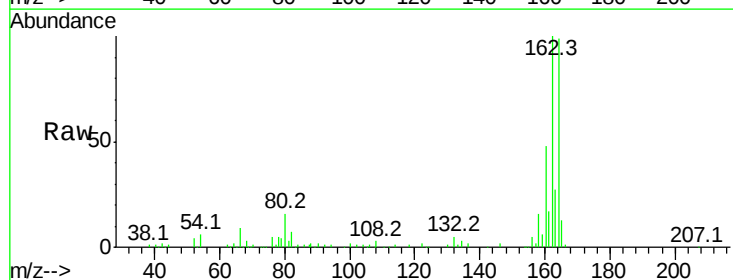
Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

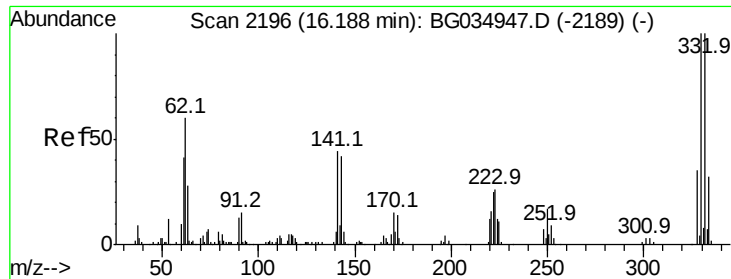
Tot Ion: 82 Resp: 274686
Ion Ratio Lower Upper
82 100
128 35.1 29.7 44.5
54 41.0 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Tgt Ion:164 Resp: 84466
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 48.3 35.4 53.0

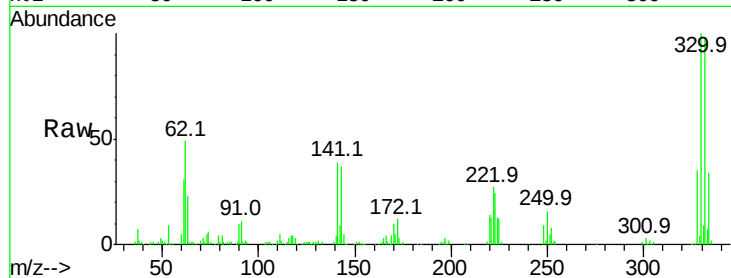




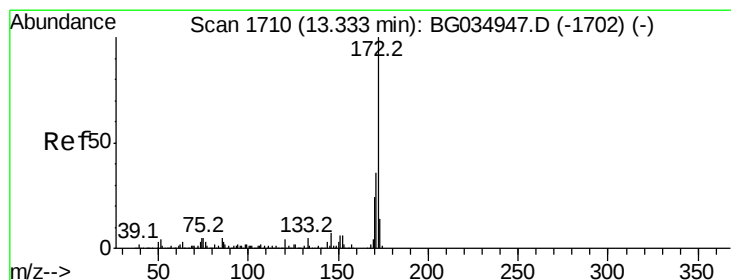
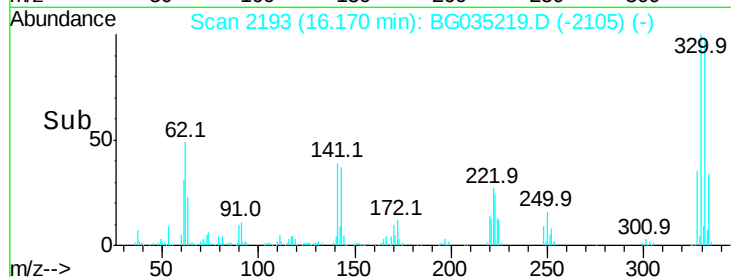
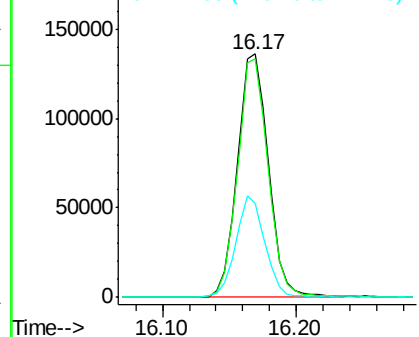
#41
 2,4,6-Tribromophenol
 Concen: 203.635 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035219.D
 Acq: 18 Jun 2018 15:16

Instrument :
 BNA_G
 ClientSampleId :
 SB-39-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.9	25.2	37.8#

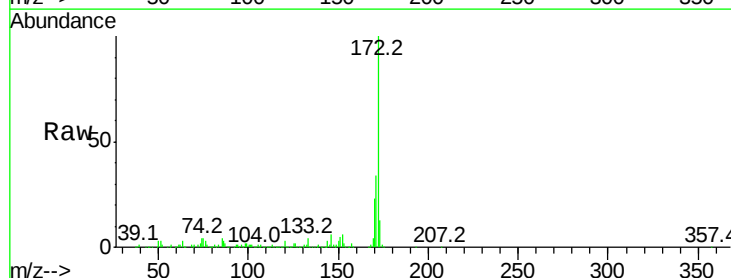


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

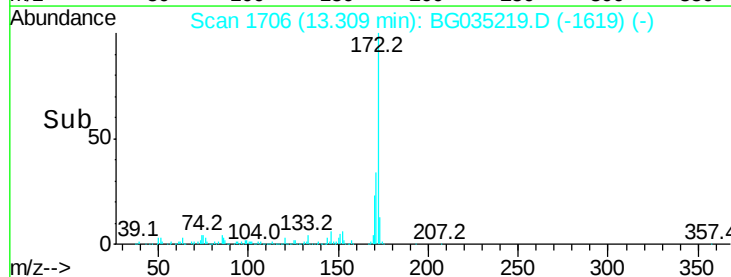
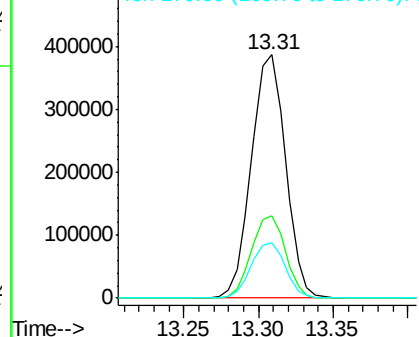


#44
 2-Fluorobiphenyl
 Concen: 94.198 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035219.D
 Acq: 18 Jun 2018 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	22.6	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# 2406

Delta R.T. -0.02 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

Instrument :

BNA_G

ClientSampleId :

SB-39-COMP

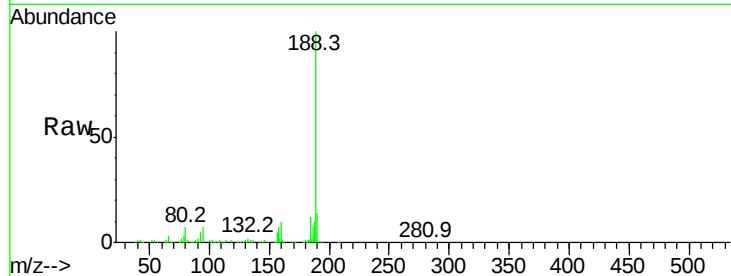
Tot Ion:188 Resp: 291983

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

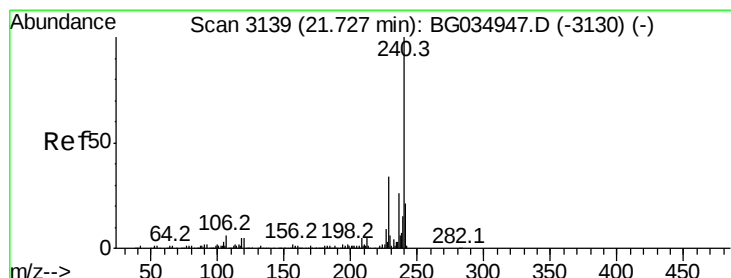
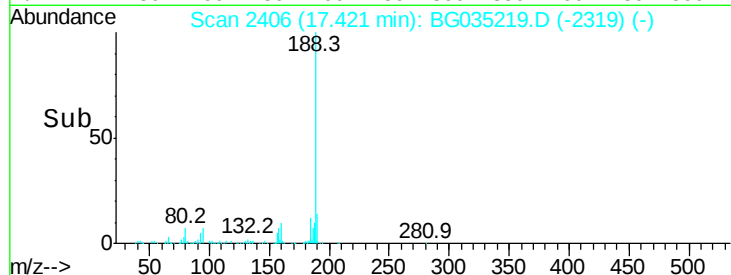
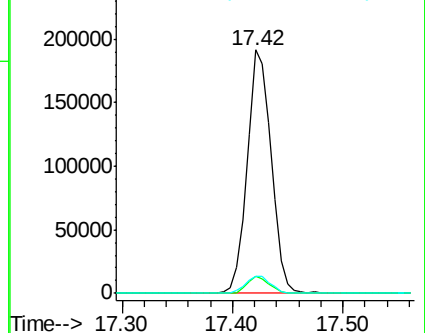
80 7.1 7.7 11.5#



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# 3133

Delta R.T. -0.02 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

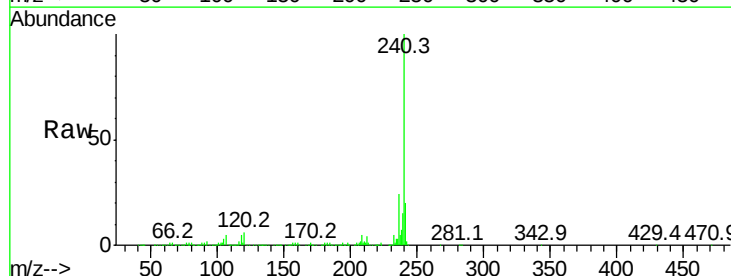
Tgt Ion:240 Resp: 509313

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

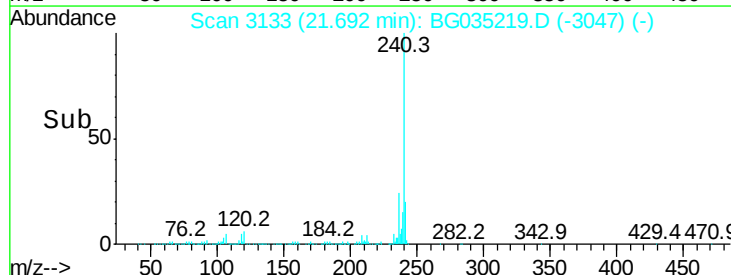
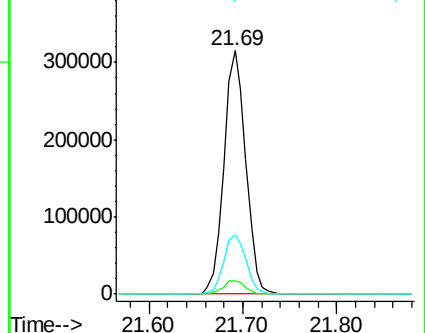
236 24.4 20.9 31.3

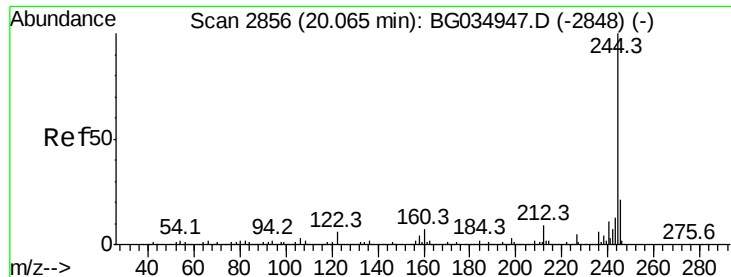


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.242 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

Instrument :

BNA_G

ClientSampleId :

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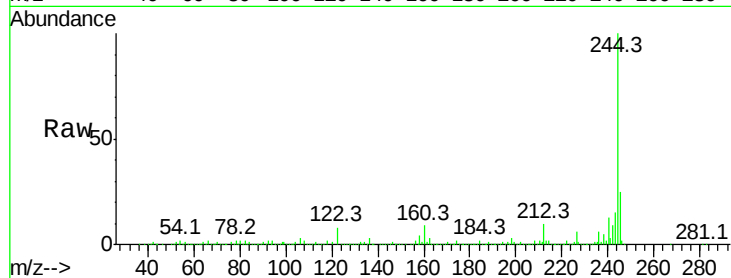
Tot Ion:244 Resp: 2291462

Ion Ratio Lower Upper

244 100

212 10.4 5.8 8.8#

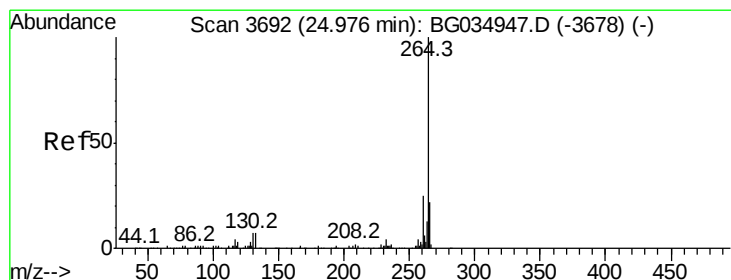
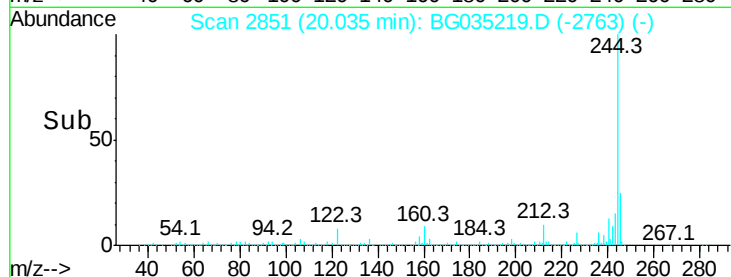
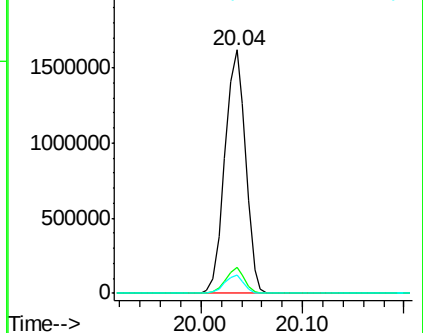
122 7.6 7.0 10.4



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

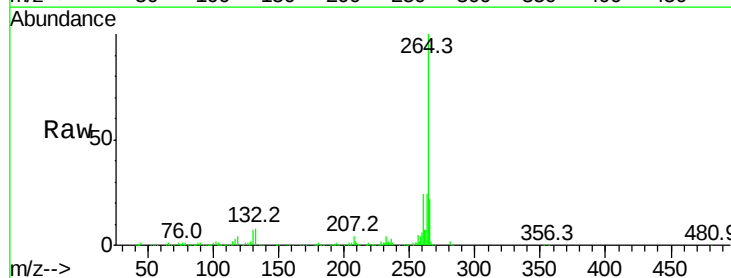
Tgt Ion:264 Resp: 305323

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.1 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

