

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035331.D
 Acq On : 22 Jun 2018 12:46
 Operator : JU/SJ
 Sample : PB110432TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110432TB

Quant Time: Jun 22 14:08:49 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	48609	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	179489	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	123965	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	331978	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	366831	20.00	ng	-0.03
86) Perylene-d12	24.90	264	353282	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	393285	136.54	ng	-0.01
7) Phenol-d6	7.22	99	556945	131.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	351379	93.06	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	232807	146.70	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	818148	85.80	ng	-0.03
78) Terphenyl-d14	20.02	244	1477367	84.36	ng	-0.03

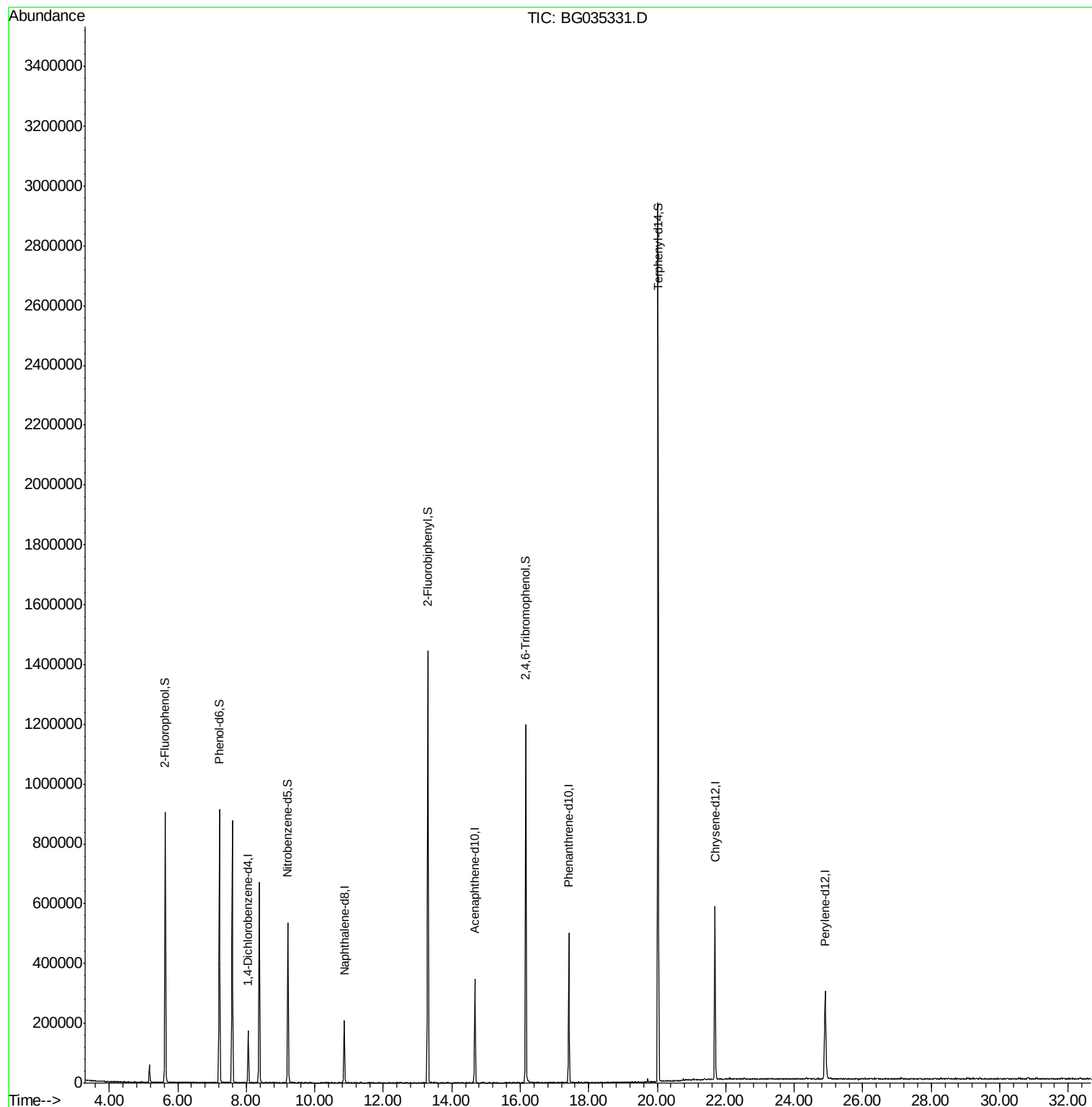
Target Compounds Qvalue

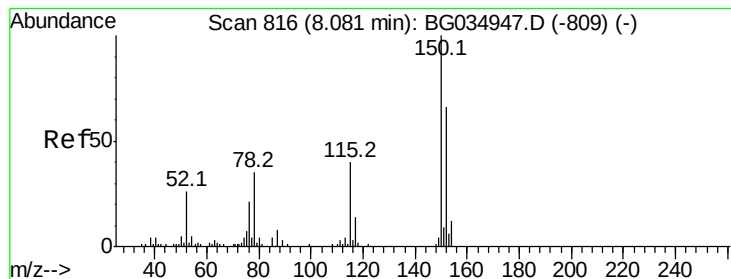
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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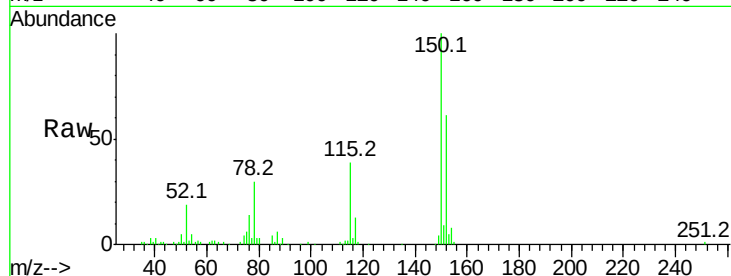


#1

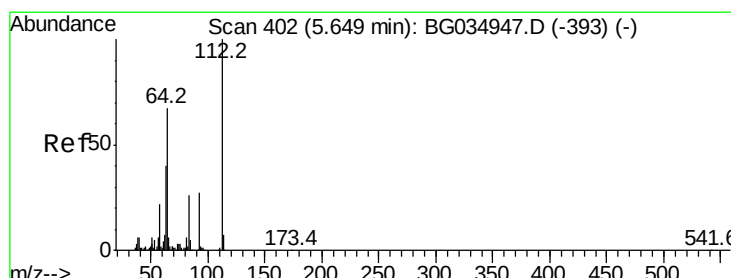
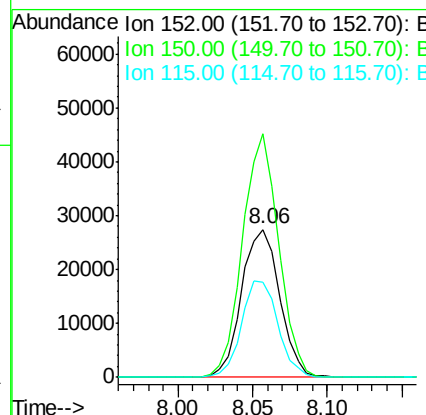
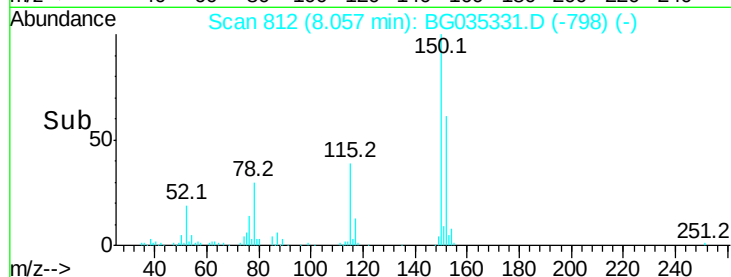
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035331.D
Acq: 22 Jun 2018 12:46

Instrument :
BNA_G
ClientSampleId :
PB110432TB

Tot Ion:152 Resp: 48609
Ion Ratio Lower Upper
152 100
150 164.7 126.6 189.8
115 64.3 53.0 79.4



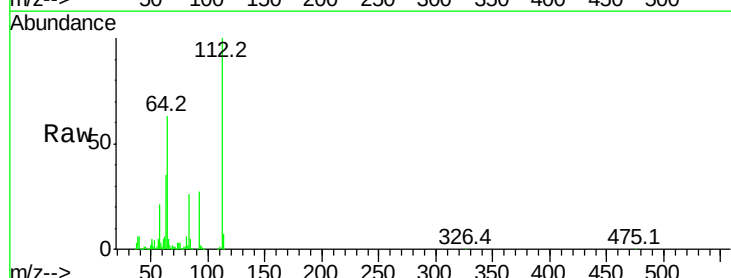
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



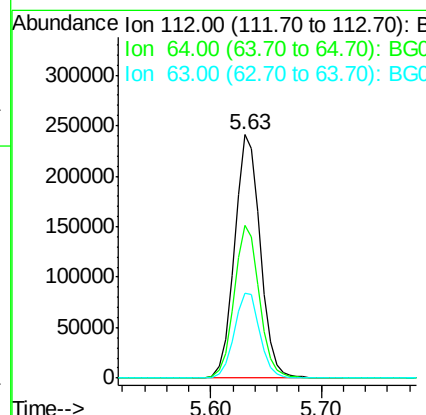
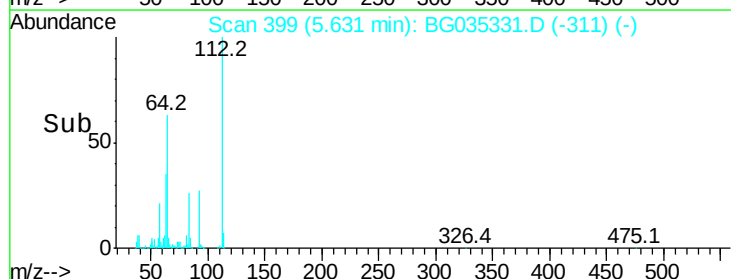
#5

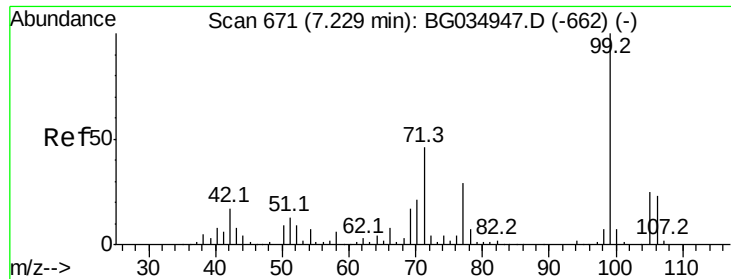
2-Fluorophenol
Concen: 136.541 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035331.D
Acq: 22 Jun 2018 12:46

Tgt Ion:112 Resp: 393285
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 35.0 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: 131.008 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035331.D

Acq: 22 Jun 2018 12:46

Instrument :

BNA_G

ClientSampleId :

PB110432TB

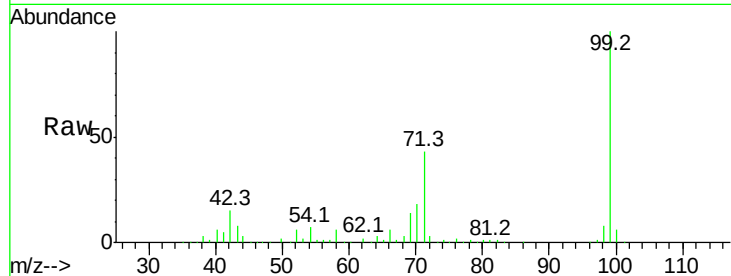
Tot Ion: 99 Resp: 556945

Ion Ratio Lower Upper

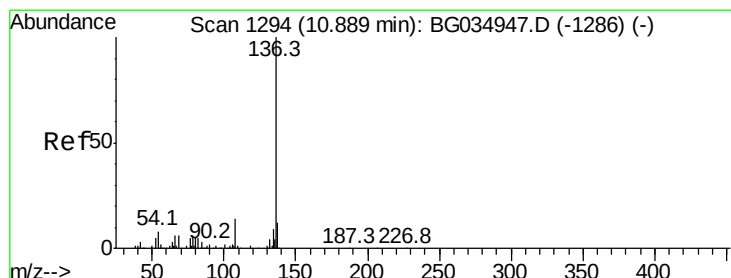
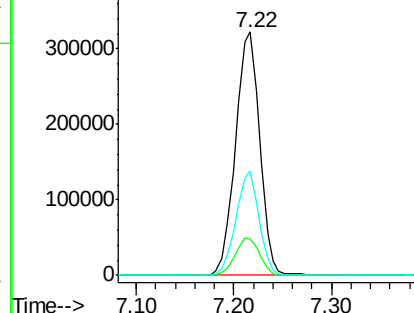
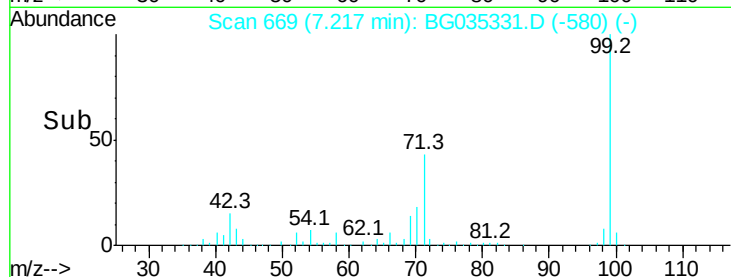
99 100

42 14.9 14.1 21.1

71 42.7 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. -0.03 min

Lab File: BG035331.D

Acq: 22 Jun 2018 12:46

Tgt Ion: 136 Resp: 179489

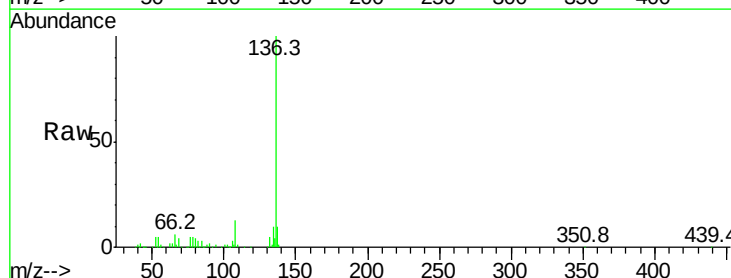
Ion Ratio Lower Upper

136 100

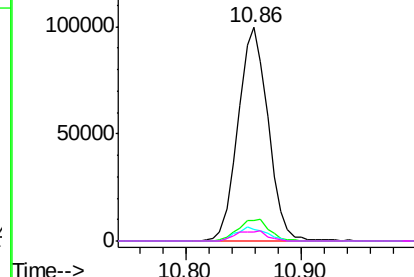
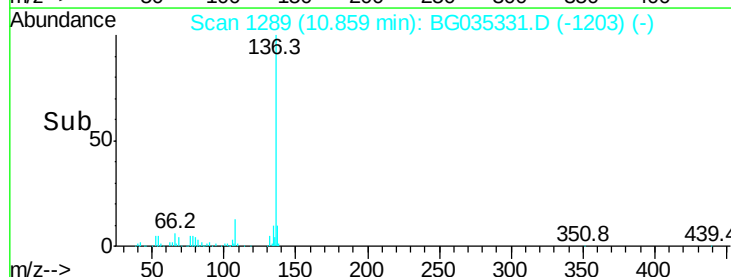
137 9.7 9.2 13.8

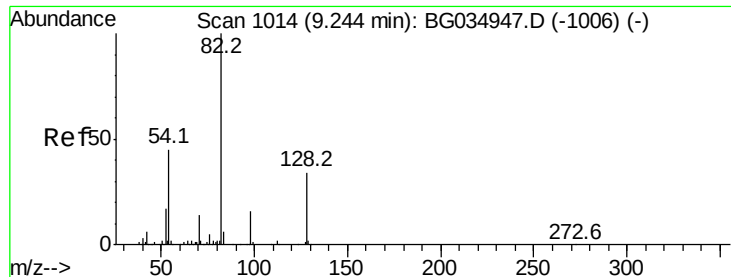
54 5.2 10.3 15.5#

68 4.0 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: 93.056 ng

RT: 9.21 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BG035331.D

Acq: 22 Jun 2018 12:46

Instrument :

BNA_G

ClientSampleId :

PB110432TB

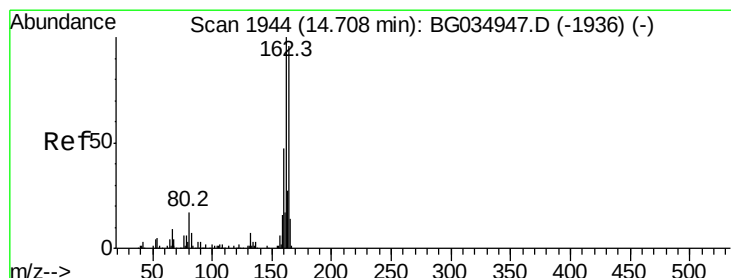
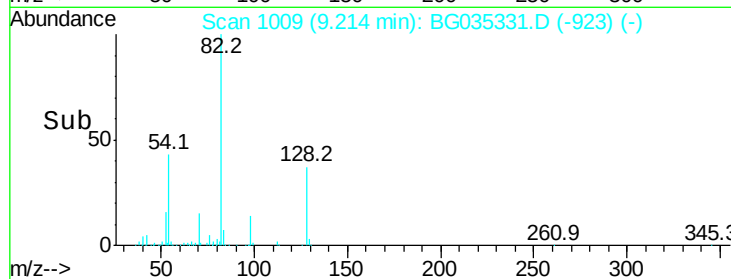
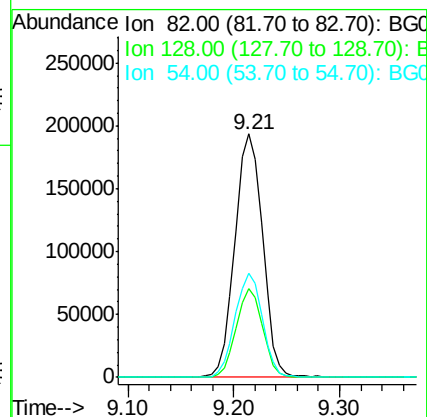
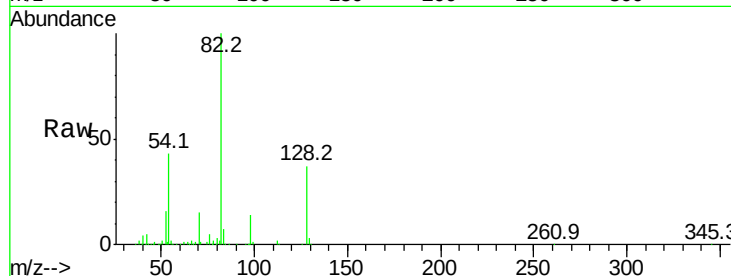
Tot Ion: 82 Resp: 351379

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

54 42.9 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: BG035331.D

Acq: 22 Jun 2018 12:46

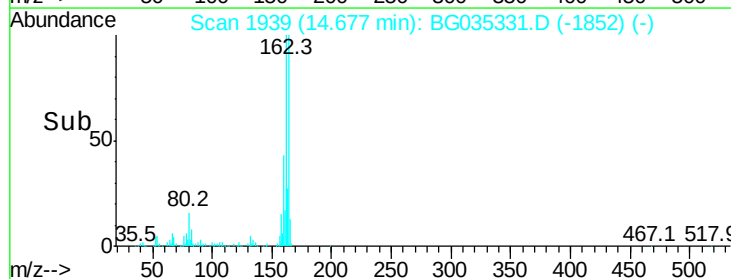
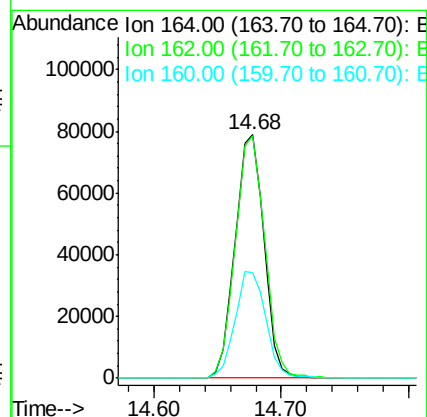
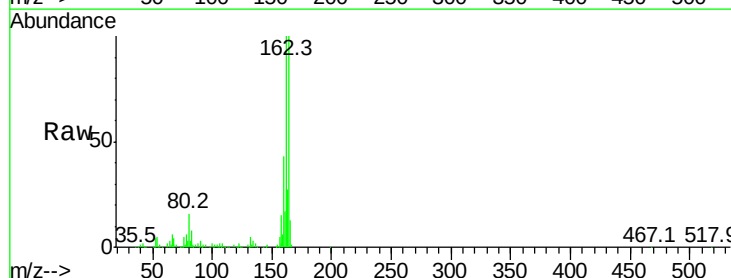
Tgt Ion:164 Resp: 123965

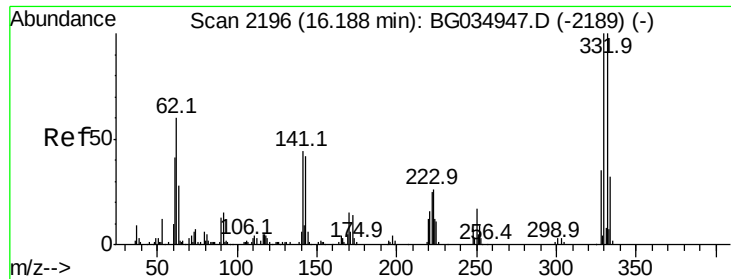
Ion Ratio Lower Upper

164 100

162 99.6 78.8 118.2

160 43.0 35.4 53.0

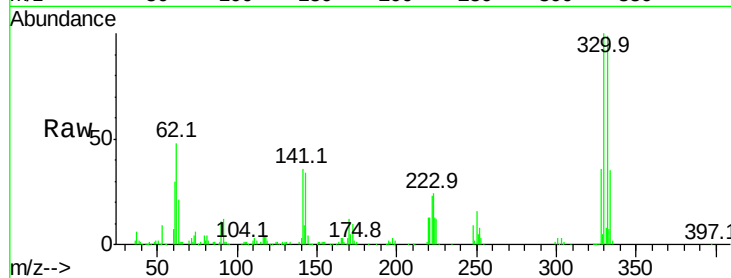




#41
2,4,6-Tribromophenol
Concen: 146.705 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035331.D
Acq: 22 Jun 2018 12:46

Instrument :
BNA_G
ClientSampleId :
PB110432TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.3	25.2	37.8

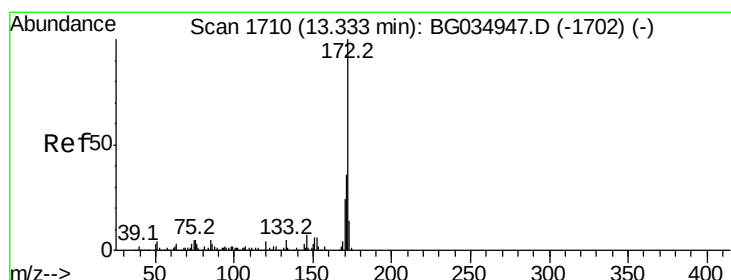
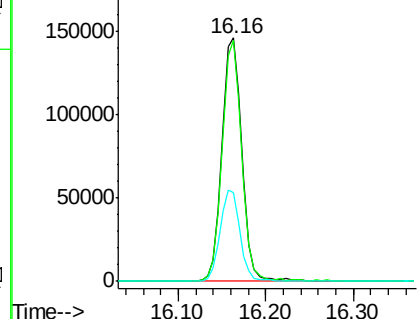
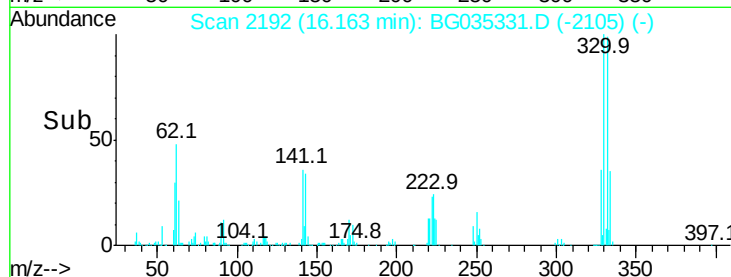


Abundance

Ion 329.80 (329.50 to 330.50): E

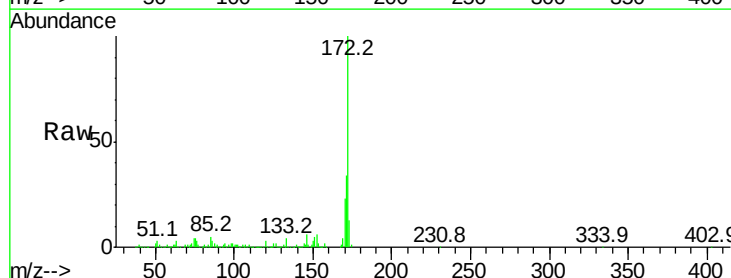
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 85.798 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.03 min
Lab File: BG035331.D
Acq: 22 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	22.8	19.5	29.3

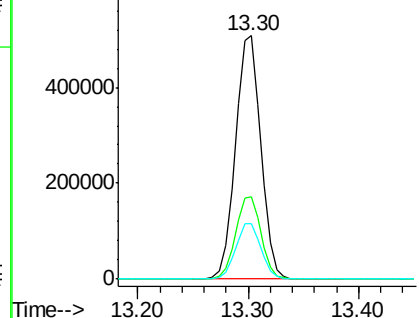
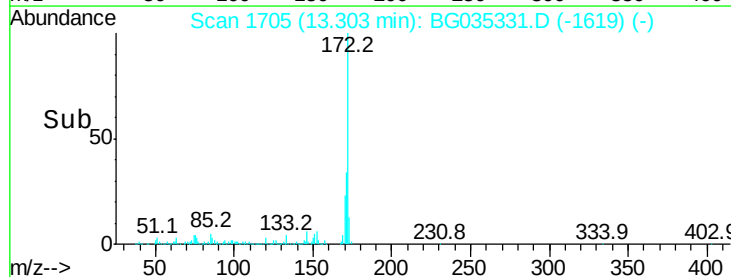


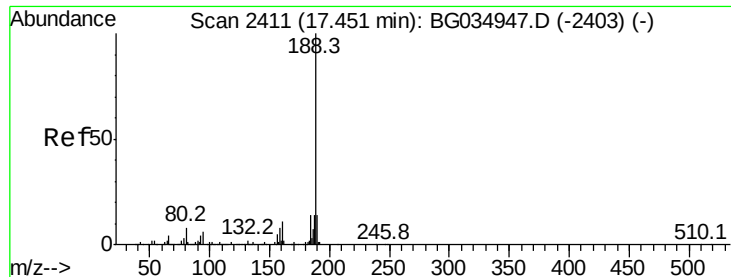
Abundance

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: BG035331.D

Acq: 22 Jun 2018 12:46

Instrument :

BNA_G

ClientSampleId :

PB110432TB

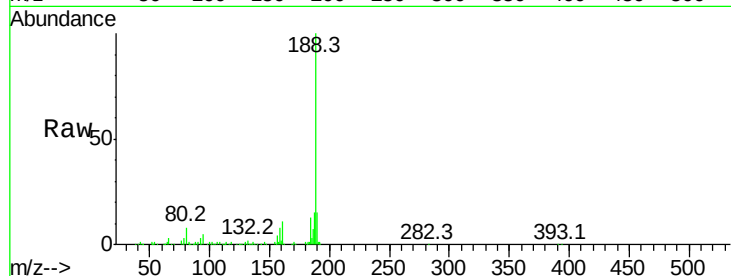
Tot Ion:188 Resp: 331978

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

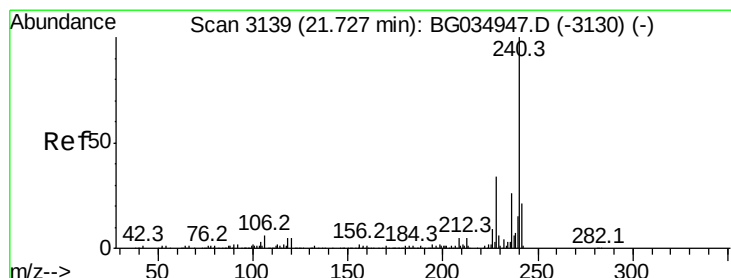
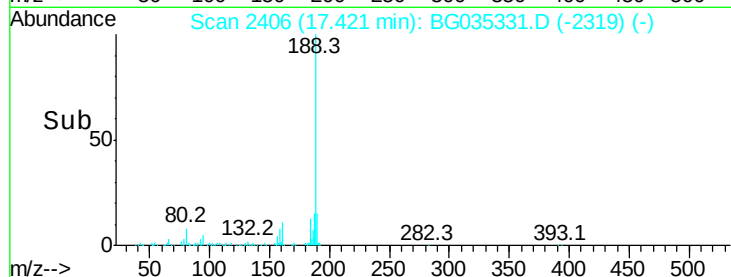
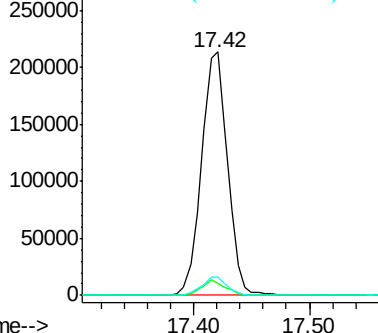
80 7.7 7.7 11.5



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: BG035331.D

Acq: 22 Jun 2018 12:46

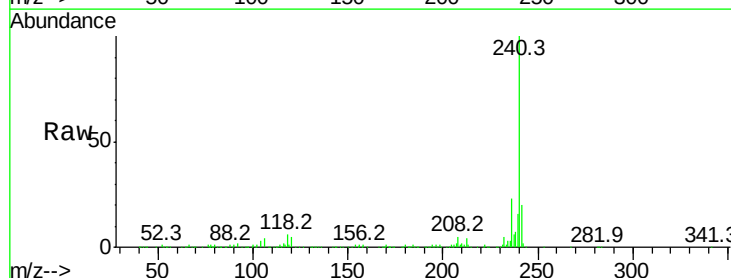
Tgt Ion:240 Resp: 366831

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

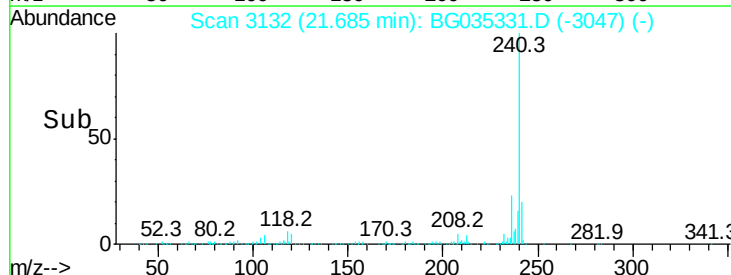
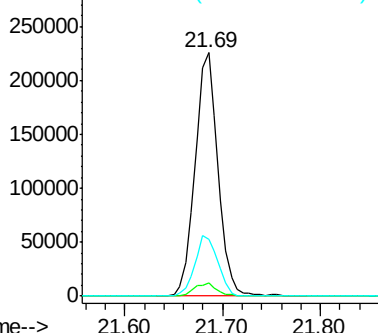
236 23.4 20.9 31.3

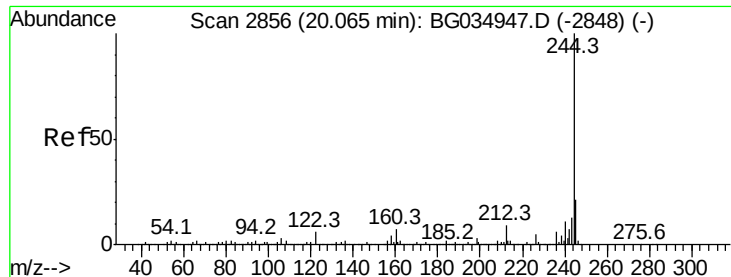


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.360 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.03 min

Lab File: BG035331.D

Acq: 22 Jun 2018 12:46

Instrument :

BNA_G

ClientSampled :

PB110432TB

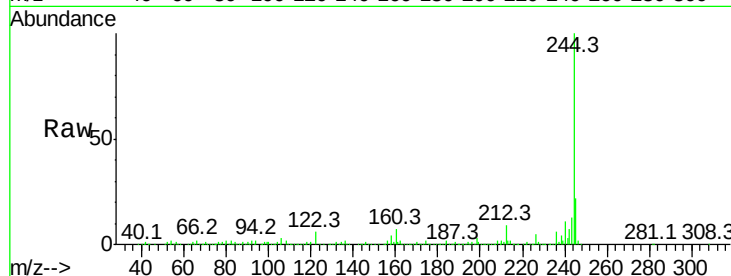
Tot Ion:244 Resp: 1477367

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

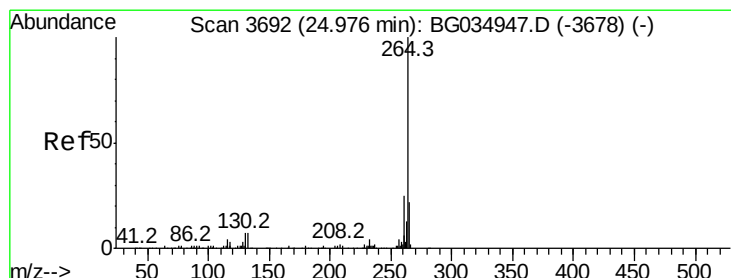
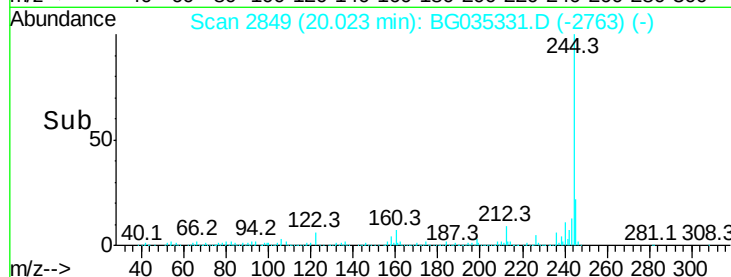
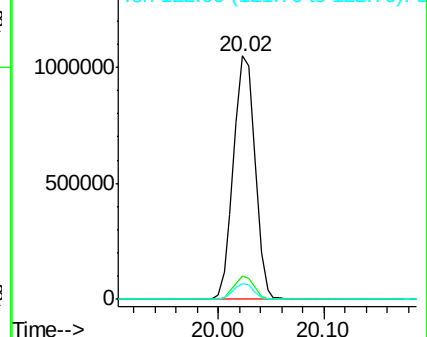
122 6.3 7.0 10.4#



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# 3680

Delta R.T. -0.05 min

Lab File: BG035331.D

Acq: 22 Jun 2018 12:46

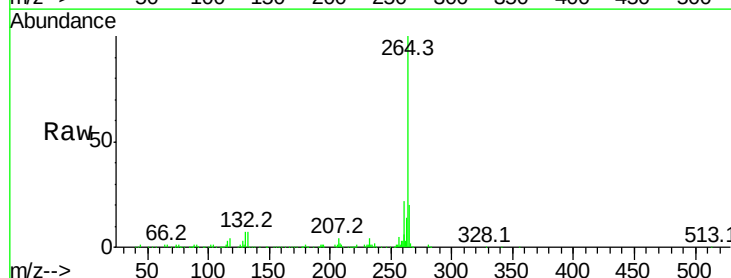
Tgt Ion:264 Resp: 353282

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 20.3 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

