

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035414.D
 Acq On : 26 Jun 2018 17:38
 Operator : JU/SJ
 Sample : PB110556BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110556BL

Quant Time: Jun 26 19:24:07 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	55555	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	208692	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	143958	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	383566	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	415486	20.00	ng	-0.04
86) Perylene-d12	24.89	264	385141	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	417143	126.72	ng	-0.01
7) Phenol-d6	7.21	99	607276	124.99	ng	-0.01
23) Nitrobenzene-d5	9.21	82	381304	86.85	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	264514	143.54	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	893471	80.68	ng	-0.03
78) Terphenyl-d14	20.02	244	1577091	79.51	ng	-0.03

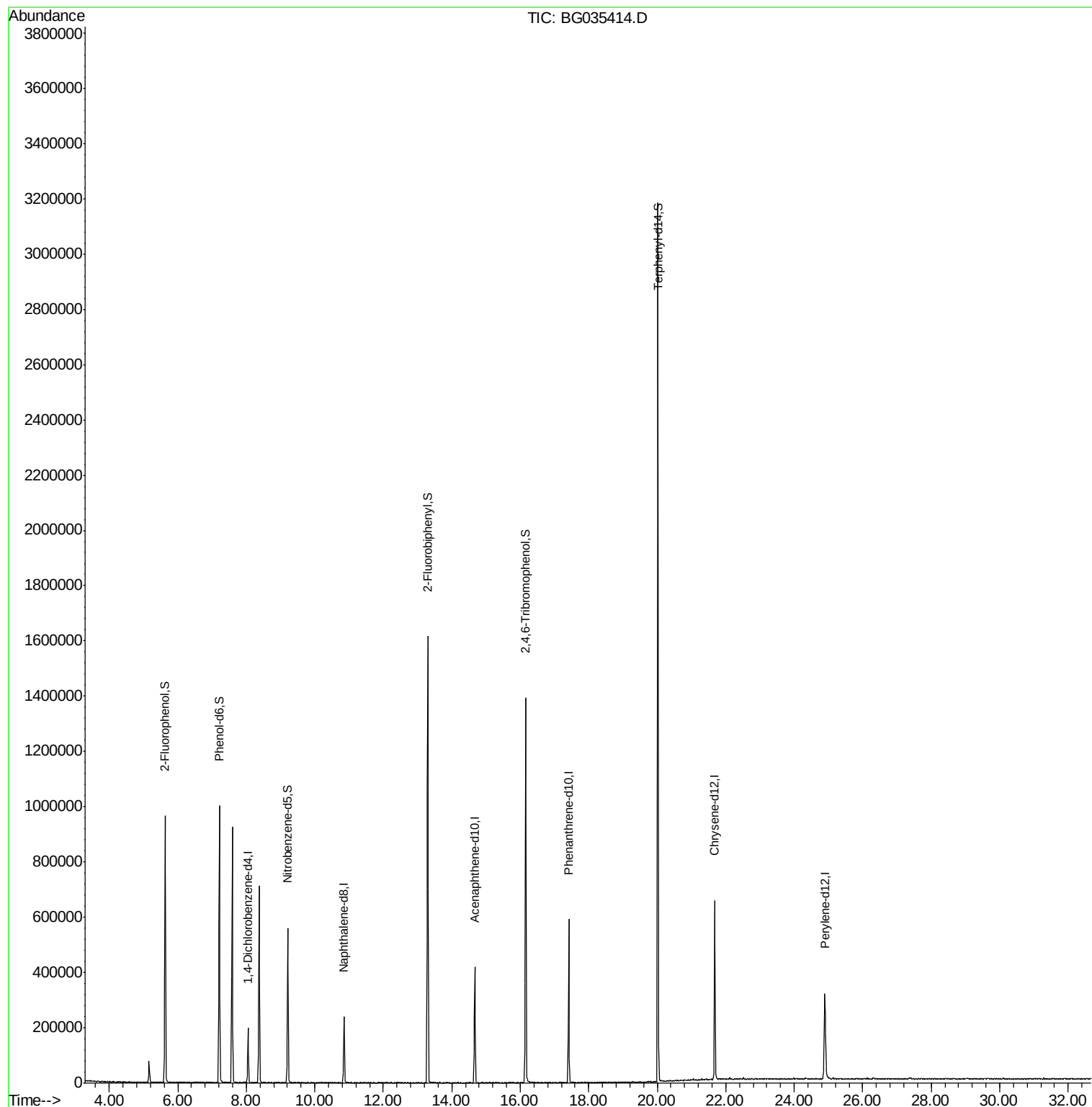
Target Compounds Qvalue

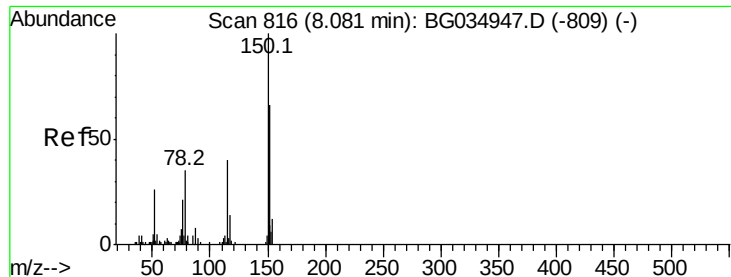
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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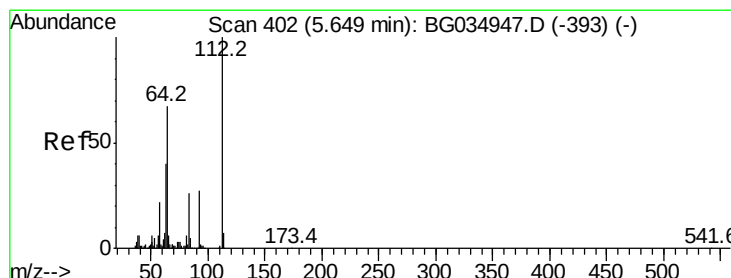
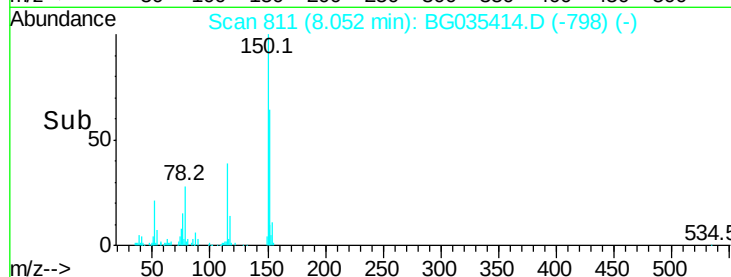
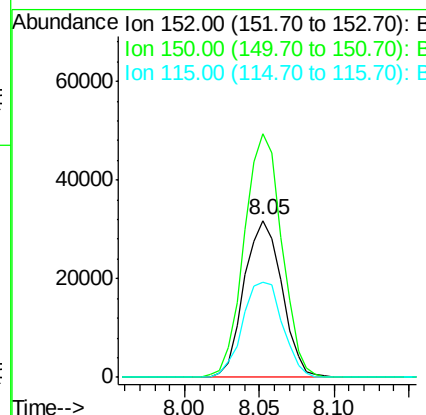
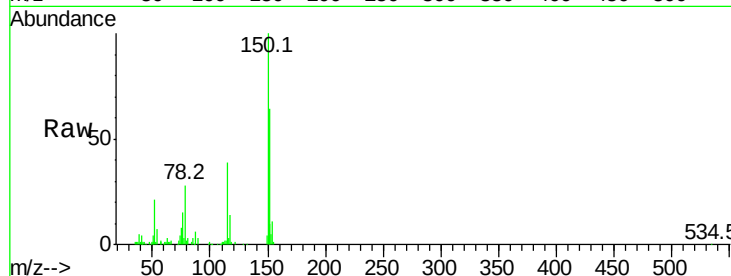


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035414.D
 Acq: 26 Jun 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB110556BL

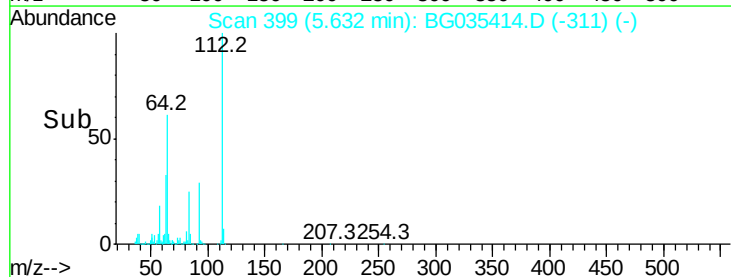
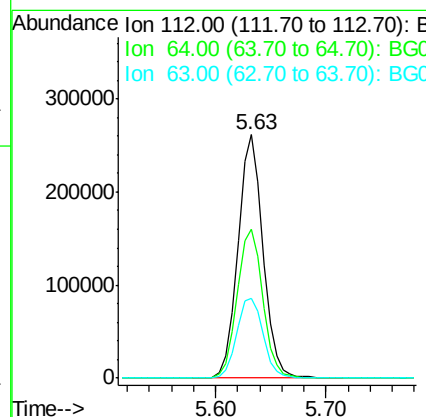
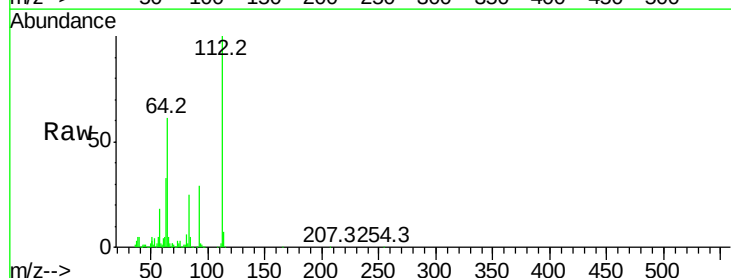
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	60.6	53.0	79.4

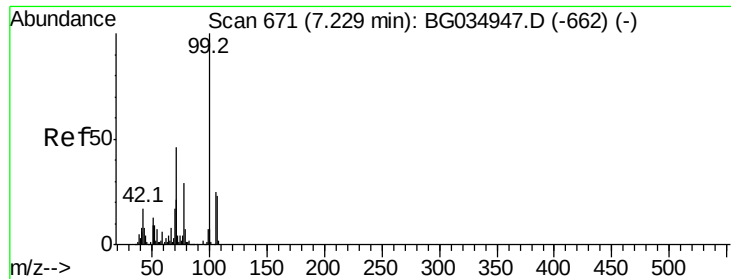


#5

2-Fluorophenol
 Concen: 126.717 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035414.D
 Acq: 26 Jun 2018 17:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	56.3	84.5
63	33.0	30.1	45.1





#7

Phenol-d6

Concen: 124.987 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035414.D

Acq: 26 Jun 2018 17:38

Instrument :

BNA_G

ClientSampleId :

PB110556BL

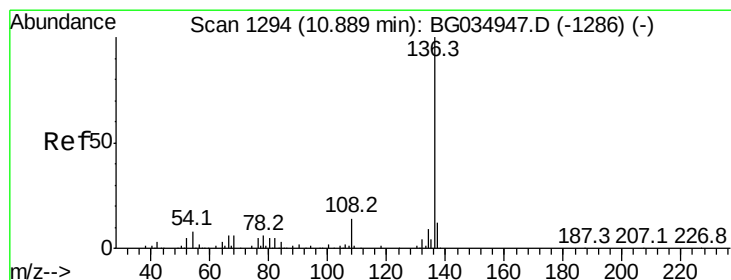
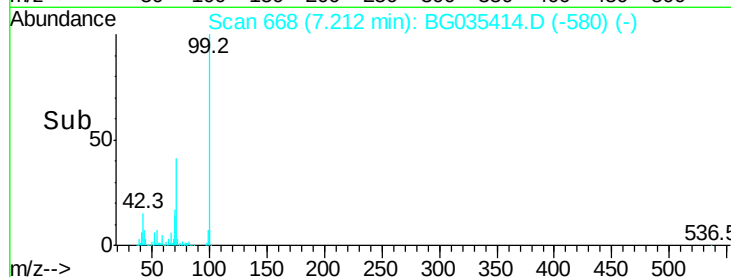
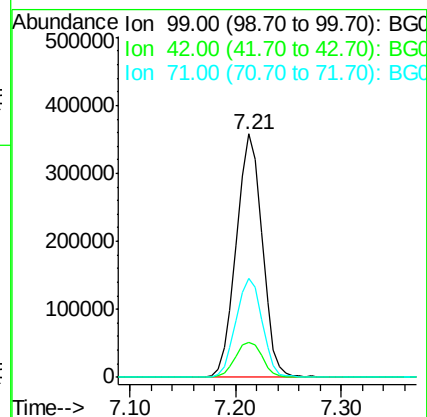
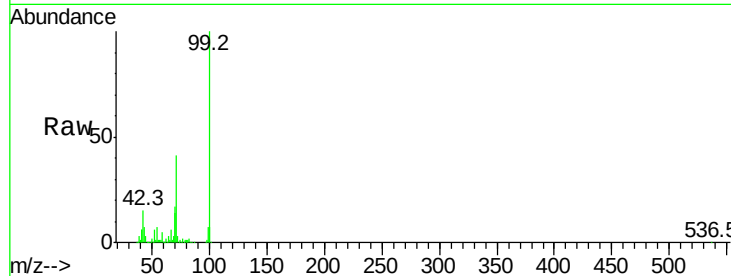
Tot Ion: 99 Resp: 607276

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 40.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035414.D

Acq: 26 Jun 2018 17:38

Tgt Ion: 136 Resp: 208692

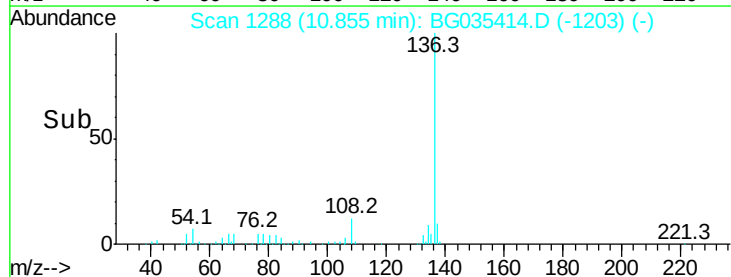
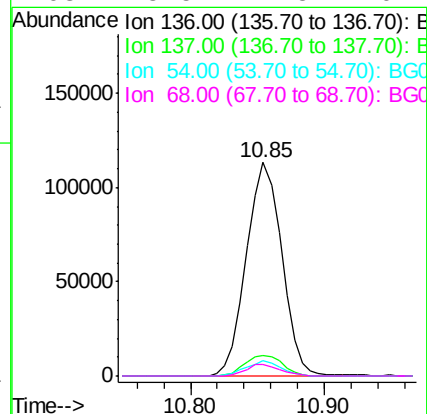
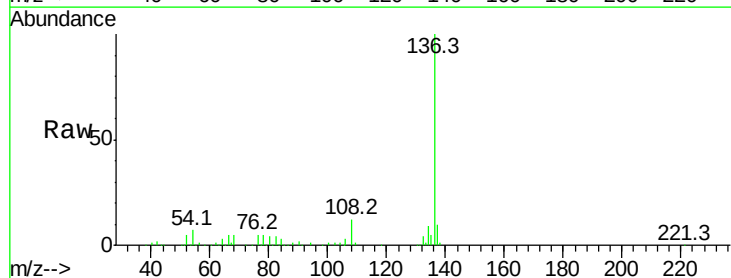
Ion Ratio Lower Upper

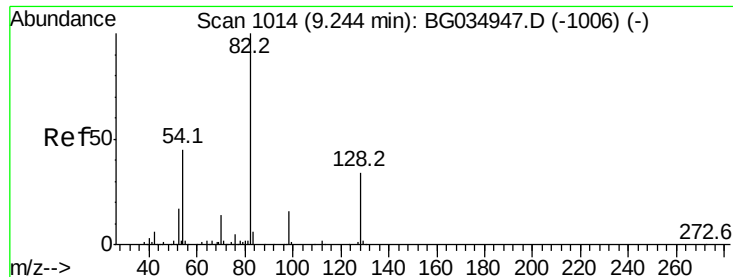
136 100

137 9.6 9.2 13.8

54 7.2 10.3 15.5#

68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 86.851 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035414.D

Acq: 26 Jun 2018 17:38

Instrument :

BNA_G

ClientSampleId :

PB110556BL

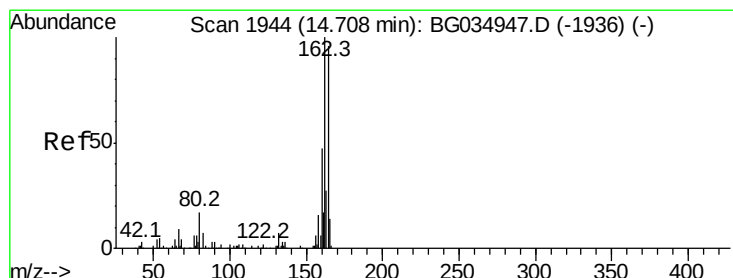
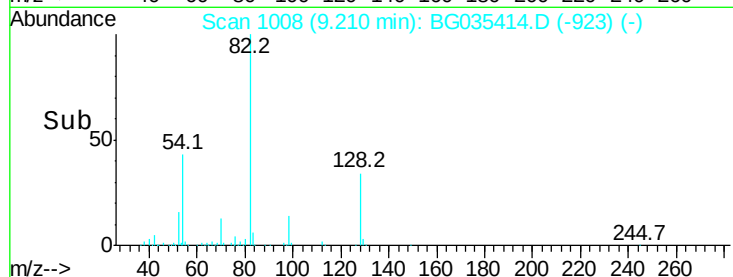
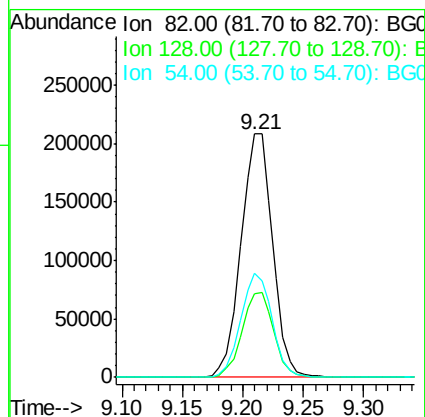
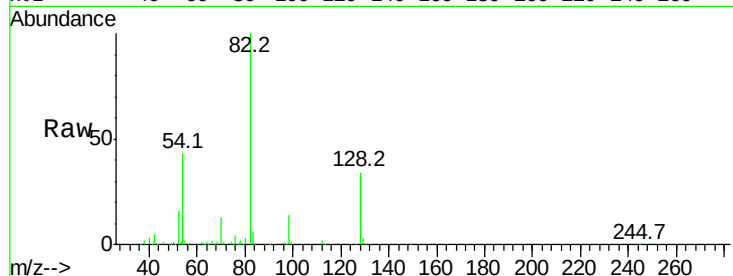
Tot Ion: 82 Resp: 381304

Ion Ratio Lower Upper

82 100

128 34.2 29.7 44.5

54 42.6 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: BG035414.D

Acq: 26 Jun 2018 17:38

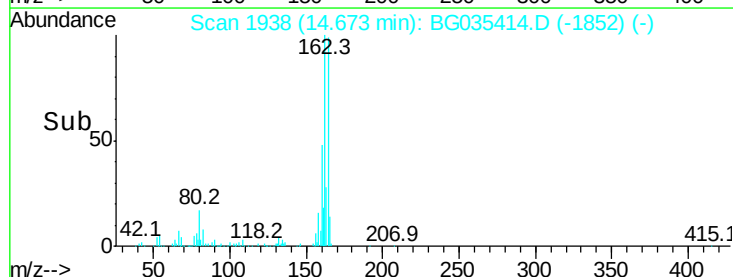
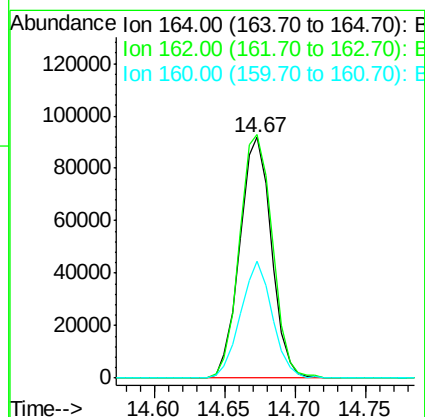
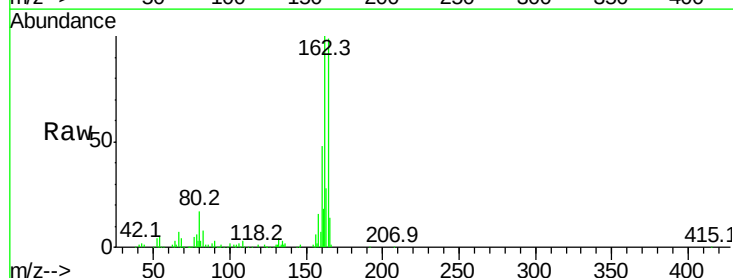
Tgt Ion: 164 Resp: 143958

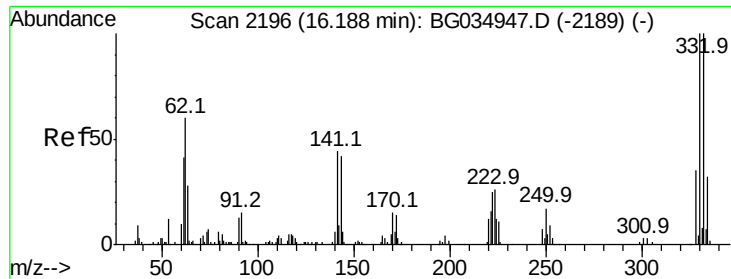
Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

160 48.8 35.4 53.0

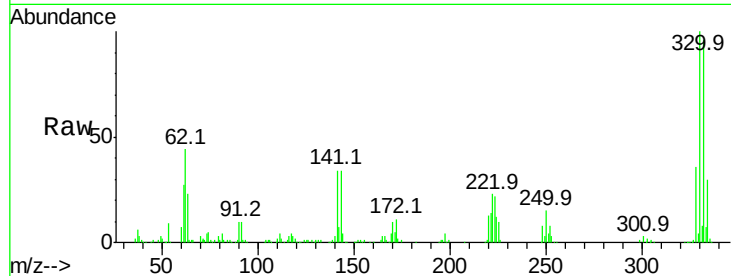




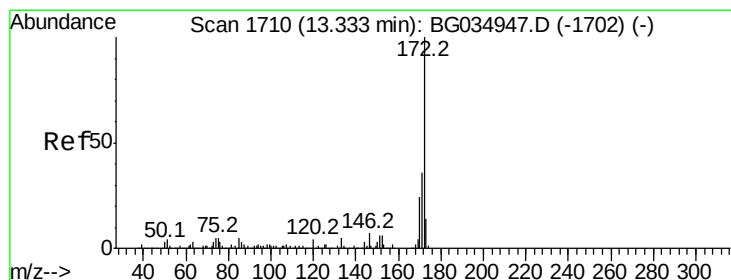
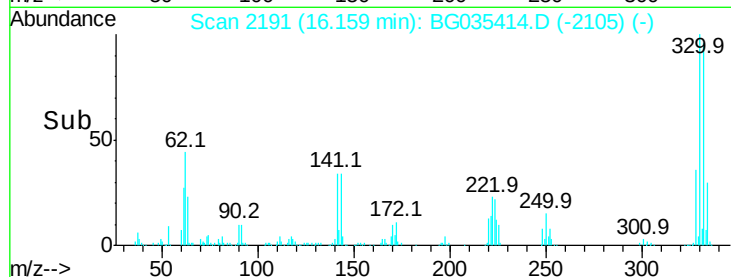
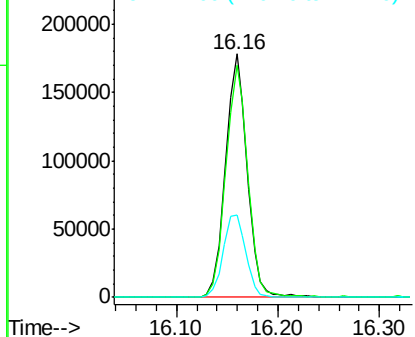
#41
 2,4,6-Tribromophenol
 Concen: 143.536 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035414.D
 Acq: 26 Jun 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB110556BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	35.6	25.2	37.8

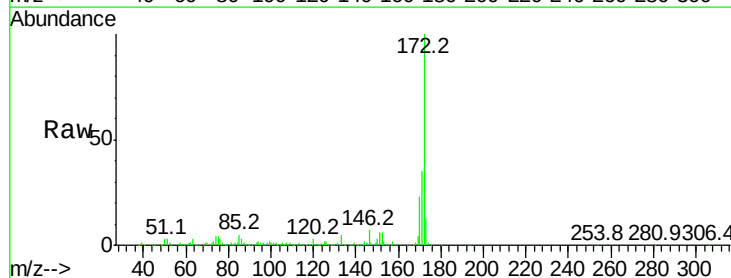


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

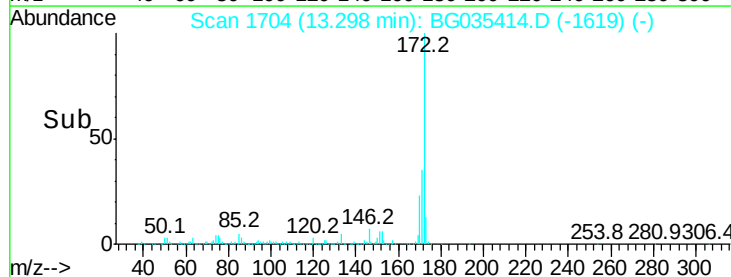
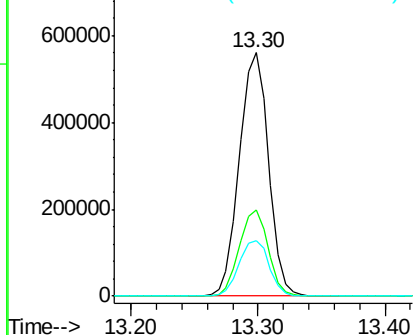


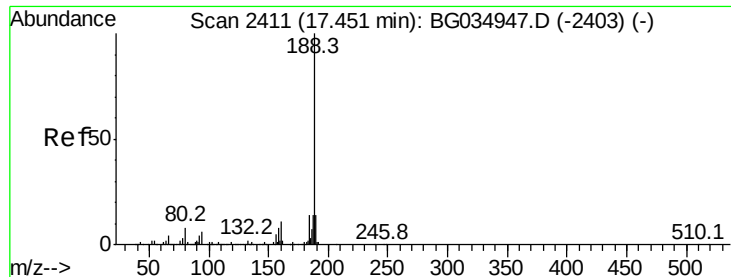
#44
 2-Fluorobiphenyl
 Concen: 80.684 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035414.D
 Acq: 26 Jun 2018 17:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	22.9	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: BG035414.D

Acq: 26 Jun 2018 17:38

Instrument :

BNA_G

ClientSampleId :

PB110556BL

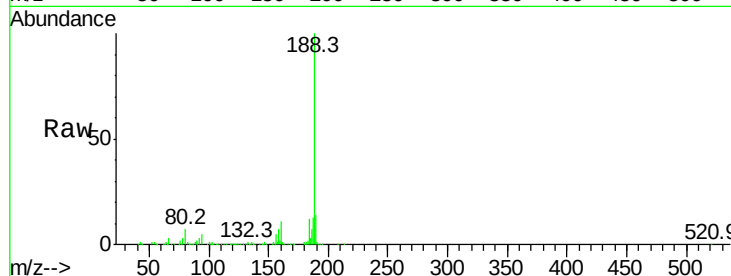
Tot Ion:188 Resp: 383566

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

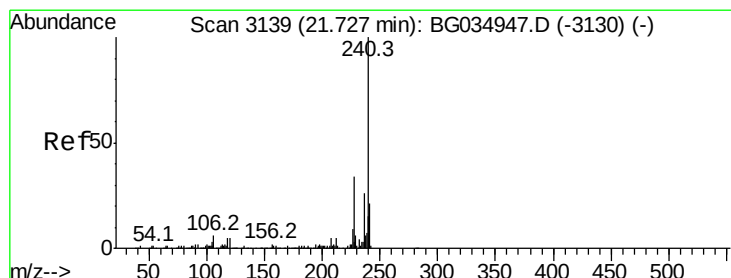
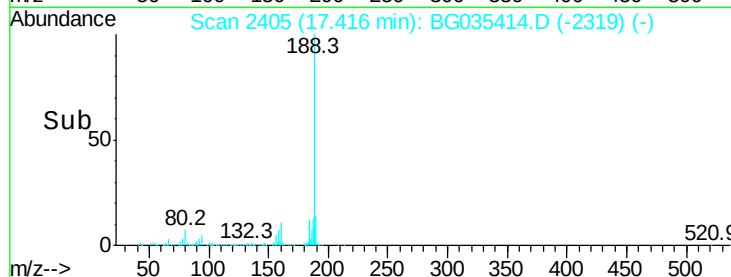
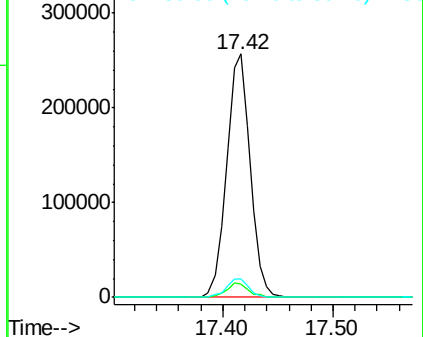
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035414.D

Acq: 26 Jun 2018 17:38

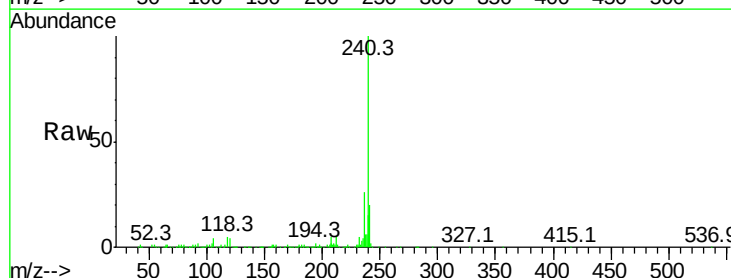
Tgt Ion:240 Resp: 415486

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

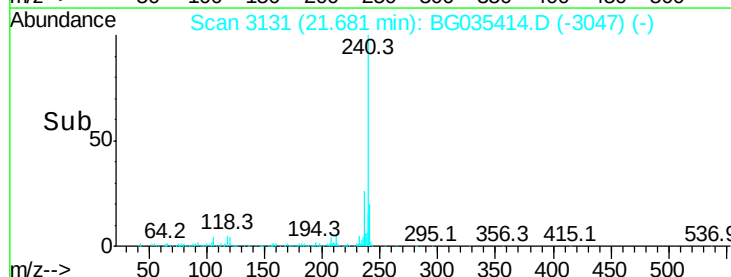
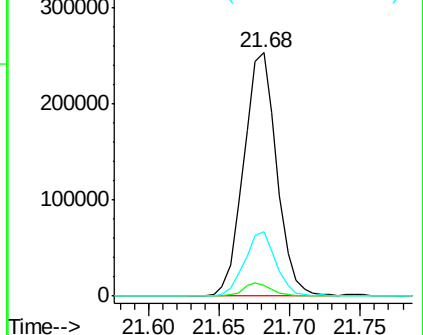
236 26.2 20.9 31.3

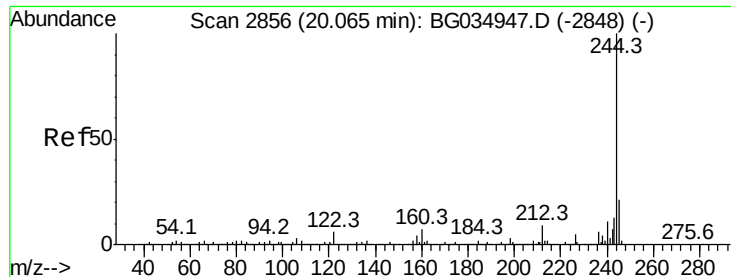


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.509 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035414.D

Acq: 26 Jun 2018 17:38

Instrument :

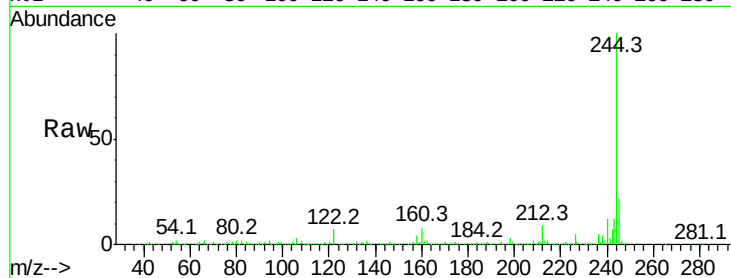
BNA_G

ClientSampleId :

PB110556BL

Tot Ion:244 Resp: 1577091

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.6	7.0	10.4#

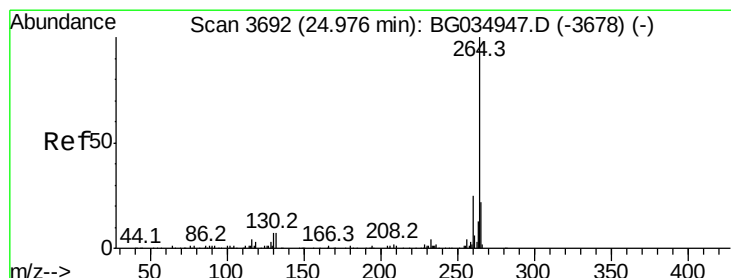
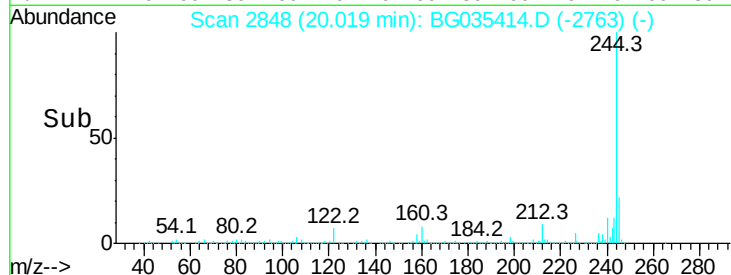
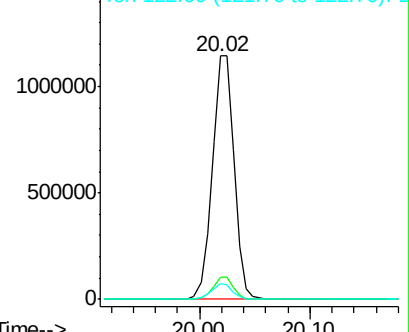


Abundance

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: 24.89 min Scan# 3678

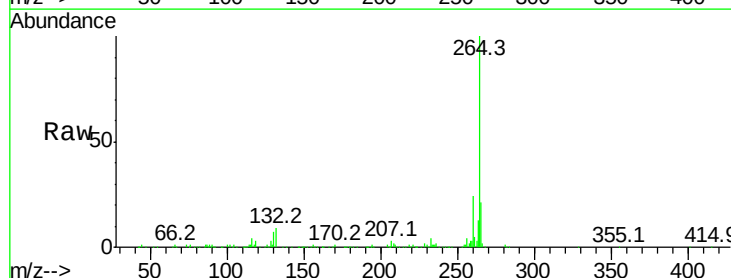
Delta R.T. -0.06 min

Lab File: BG035414.D

Acq: 26 Jun 2018 17:38

Tgt Ion:264 Resp: 385141

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.4	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

