

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035496.D
 Acq On : 29 Jun 2018 2:45
 Operator : JU/SJ
 Sample : J3720-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Jun 29 04:52:11 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	35254	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	129303	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	94557	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	247279	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	275353	20.00	ng	-0.04
86) Perylene-d12	24.89	264	244345	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	119858	57.38	ng	-0.02
7) Phenol-d6	7.21	99	166321	53.94	ng	-0.02
23) Nitrobenzene-d5	9.21	82	130383	47.93	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	74838	61.83	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	316296	43.49	ng	-0.03
78) Terphenyl-d14	20.02	244	609785	46.39	ng	-0.03

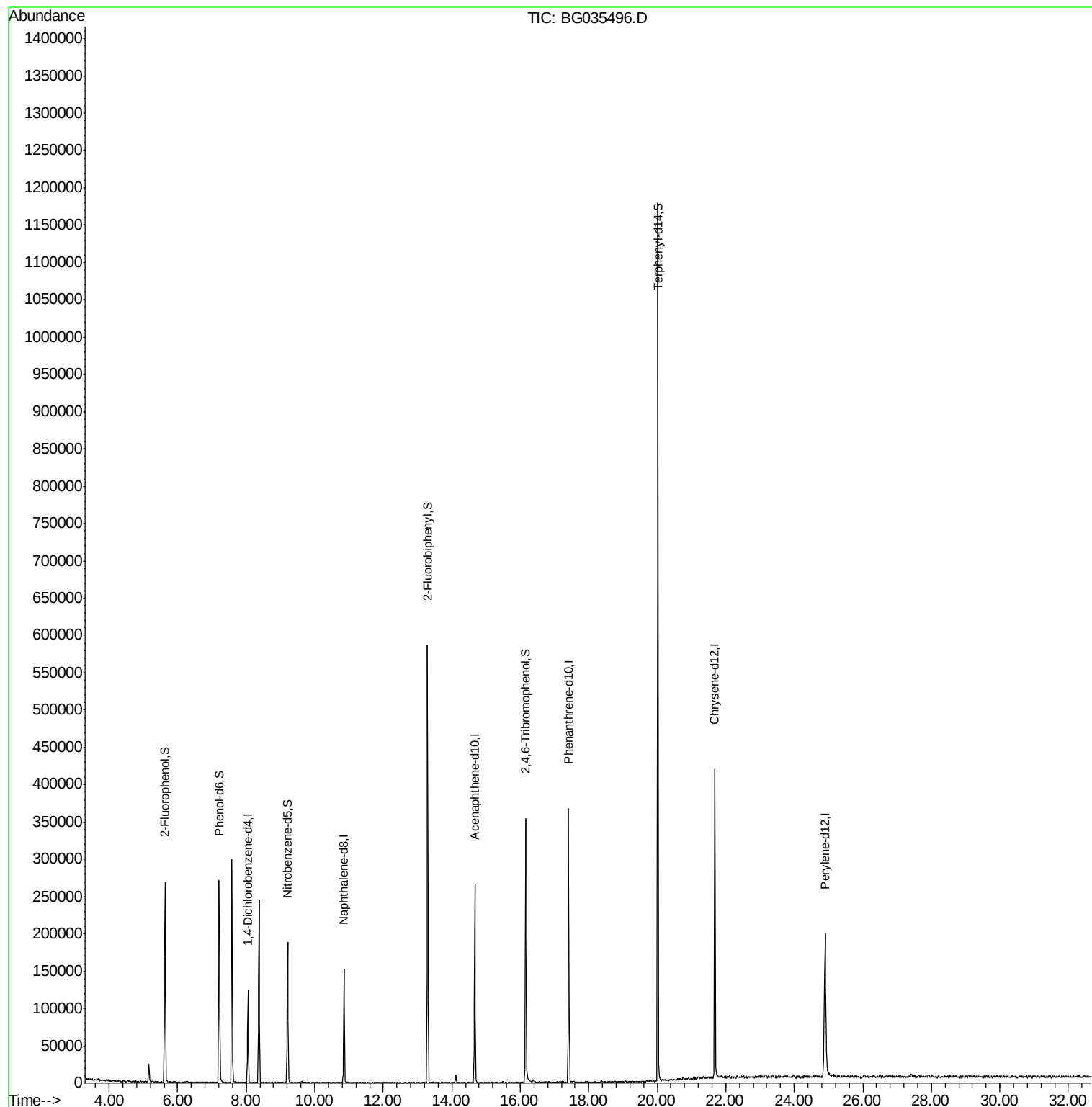
Target Compounds Qvalue

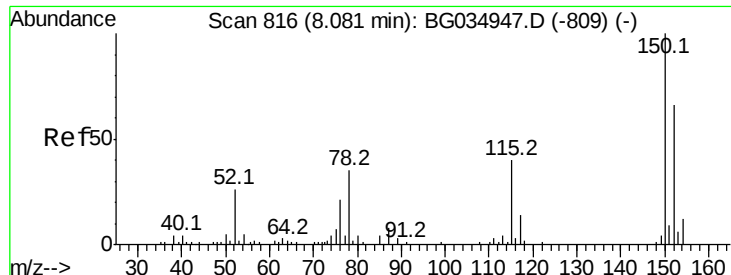
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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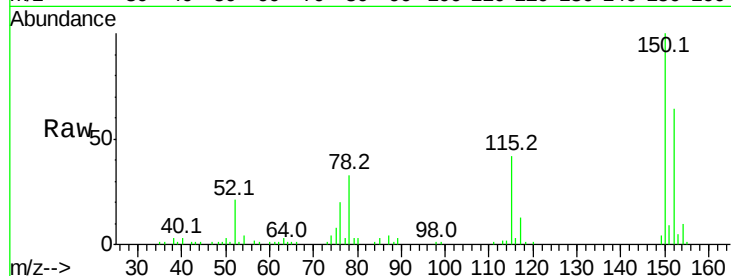


#1

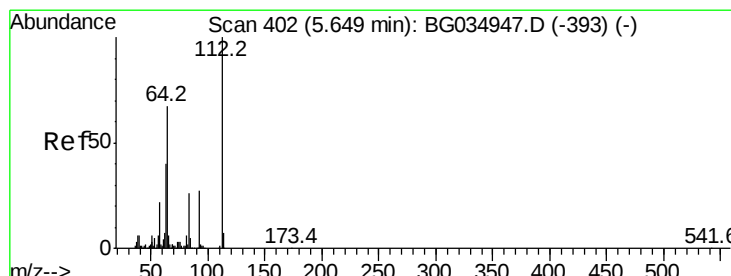
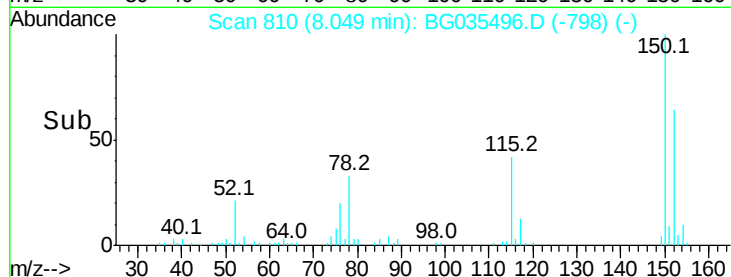
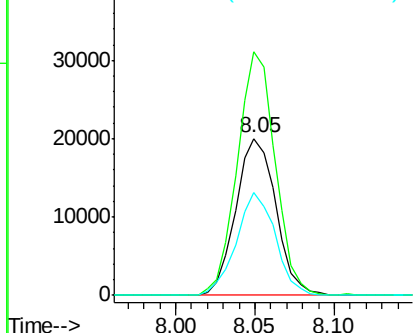
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035496.D
Acq: 29 Jun 2018 2:45

Instrument :
BNA_G
ClientSampled :
MW-4

Tot Ion:152 Resp: 35254
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 65.8 53.0 79.4



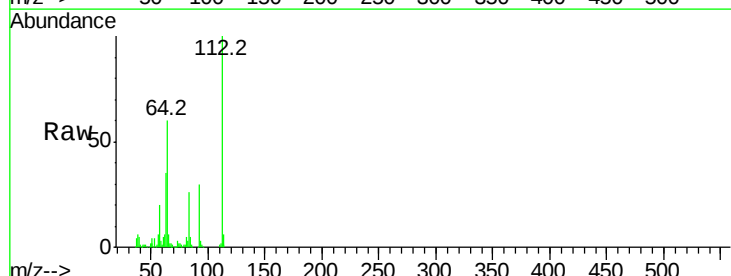
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



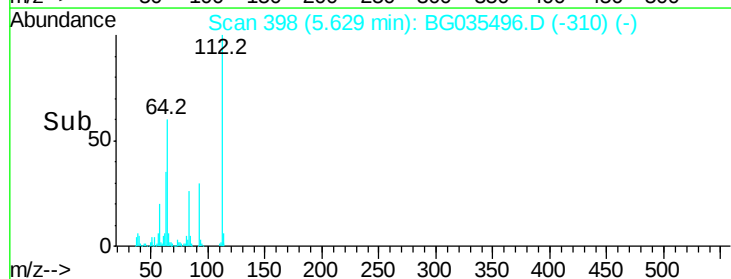
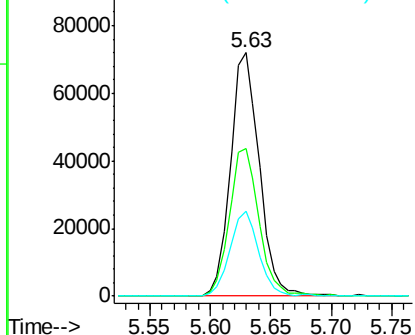
#5

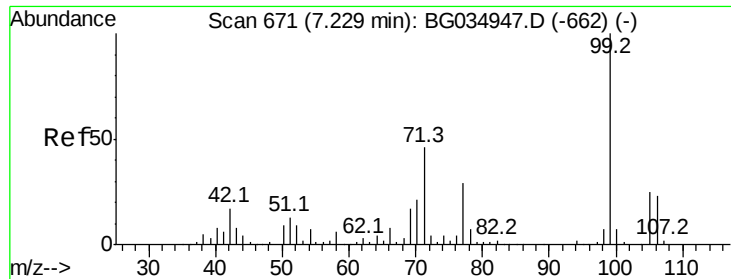
2-Fluorophenol
Concen: 57.376 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035496.D
Acq: 29 Jun 2018 2:45

Tgt Ion:112 Resp: 119858
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 34.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 53.944 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035496.D

Acq: 29 Jun 2018 2:45

Instrument :

BNA_G

ClientSampleId :

MW-4

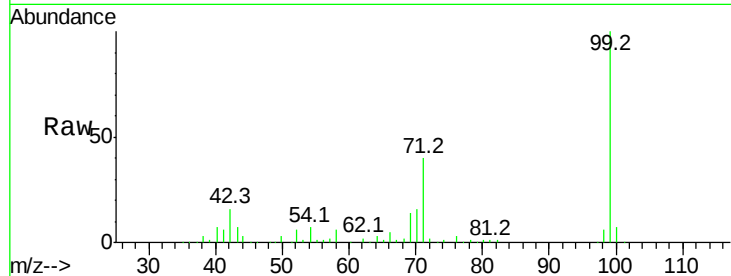
Tot Ion: 99 Resp: 166321

Ion Ratio Lower Upper

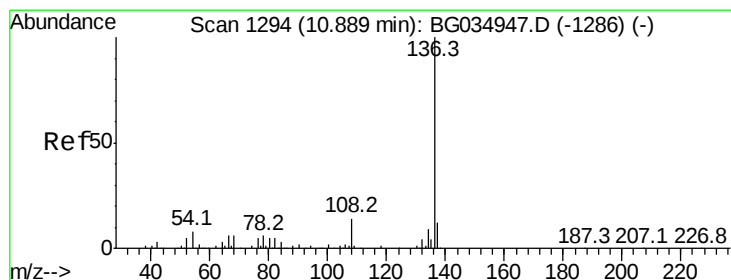
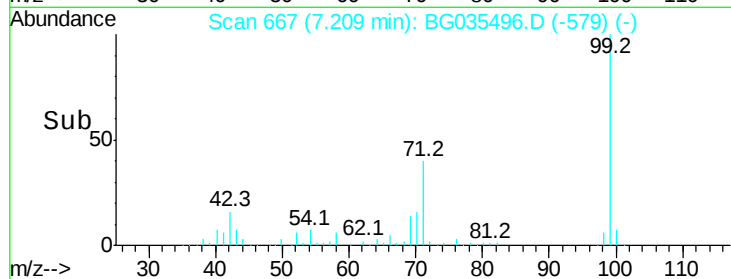
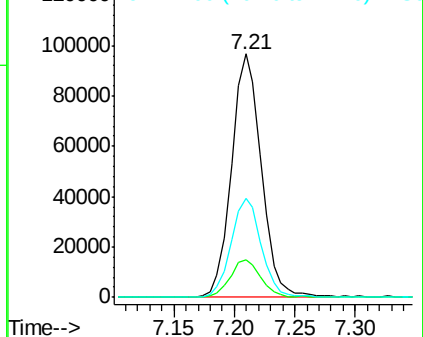
99 100

42 15.6 14.1 21.1

71 40.5 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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035496.D

Acq: 29 Jun 2018 2:45

Tgt Ion: 136 Resp: 129303

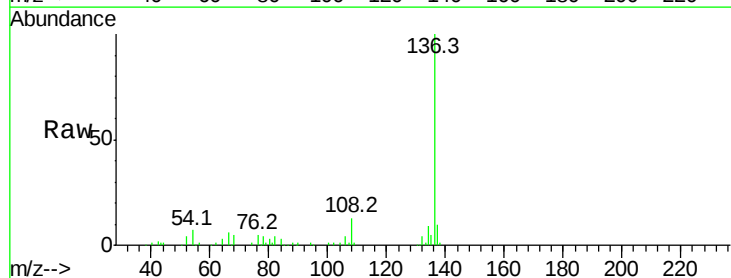
Ion Ratio Lower Upper

136 100

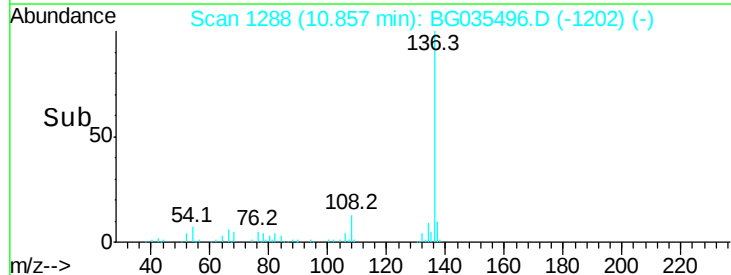
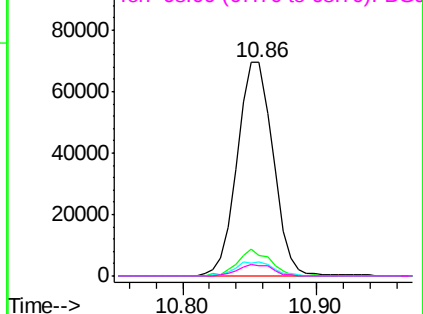
137 9.9 9.2 13.8

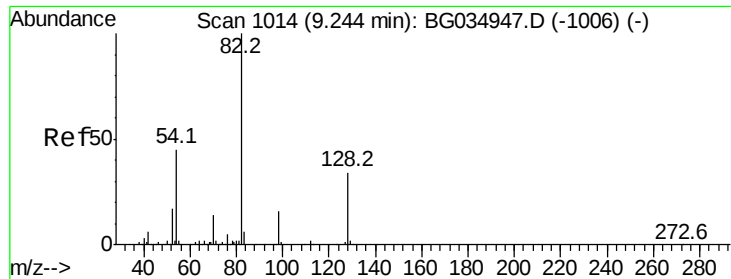
54 6.8 10.3 15.5#

68 5.1 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

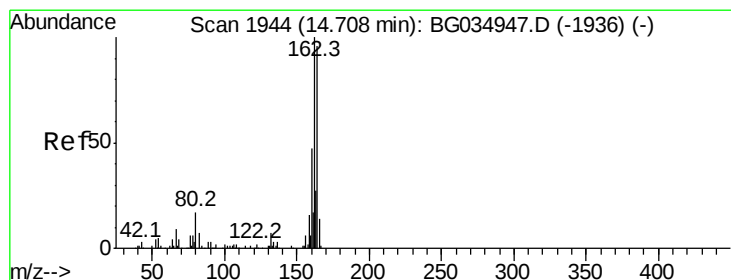
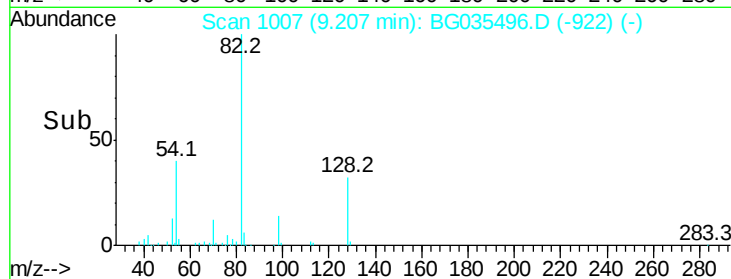
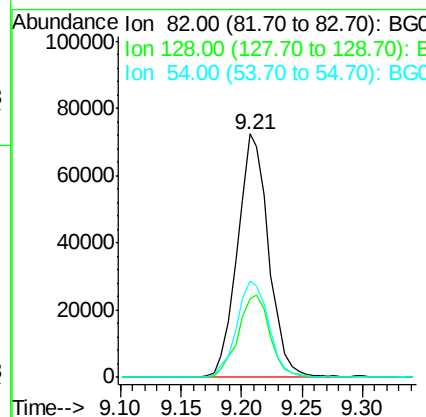
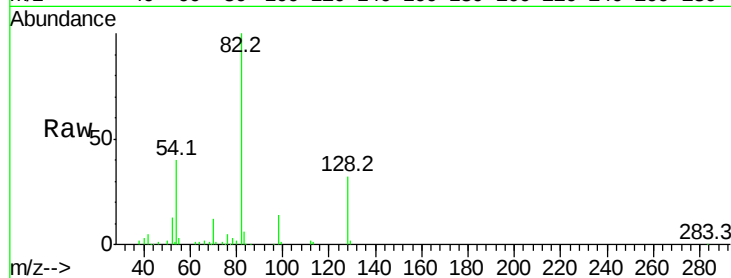




#23
 Nitrobenzene-d5
 Concen: 47.931 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.03 min
 Lab File: BG035496.D
 Acq: 29 Jun 2018 2:45

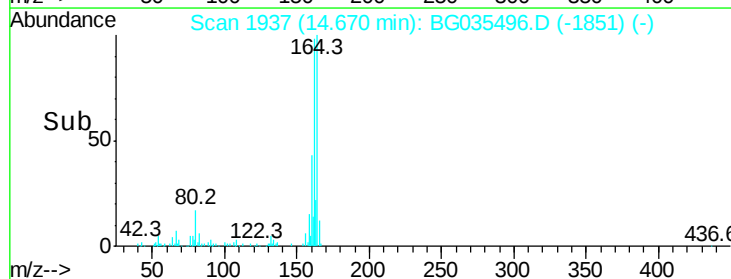
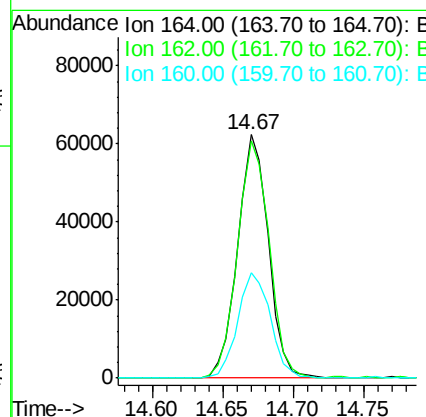
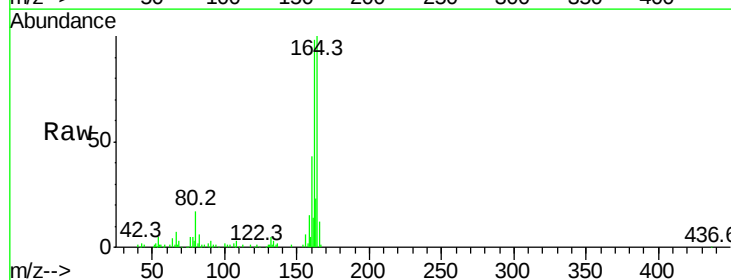
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

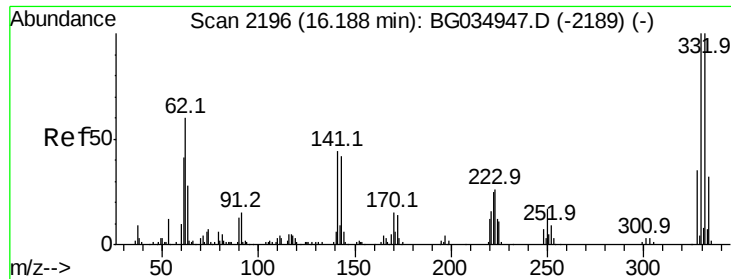
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	29.7	44.5
54	39.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.03 min
 Lab File: BG035496.D
 Acq: 29 Jun 2018 2:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.8	118.2
160	43.4	35.4	53.0

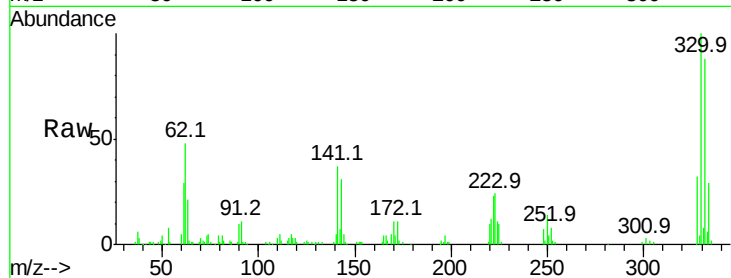




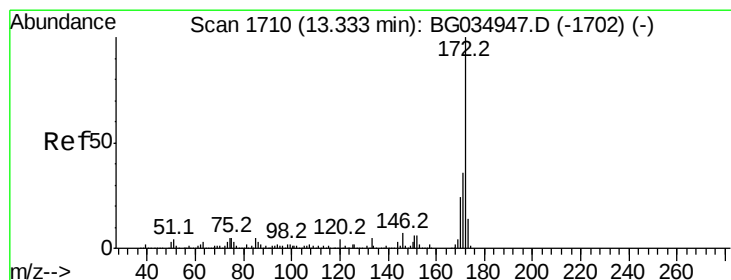
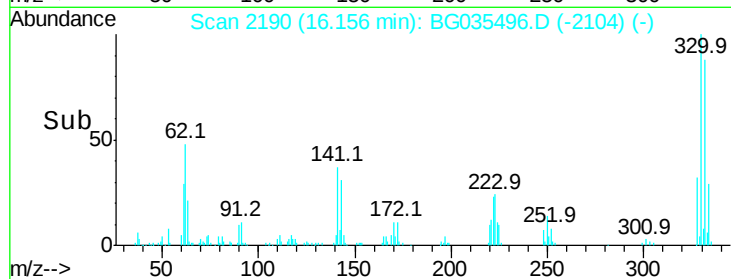
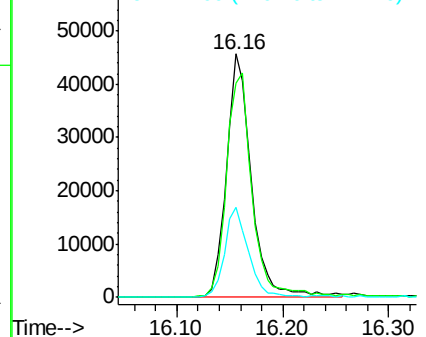
#41
 2,4,6-Tribromophenol
 Concen: 61.827 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.03 min
 Lab File: BG035496.D
 Acq: 29 Jun 2018 2:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion:330 Resp: 74838
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 35.5 25.2 37.8

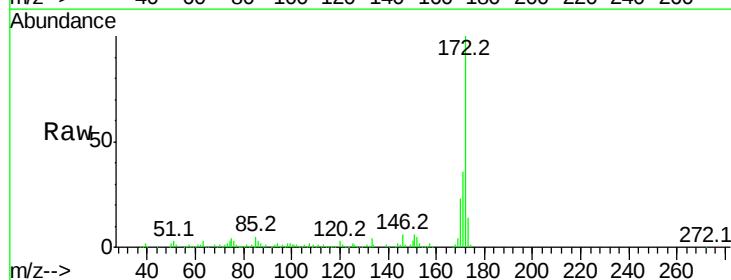


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

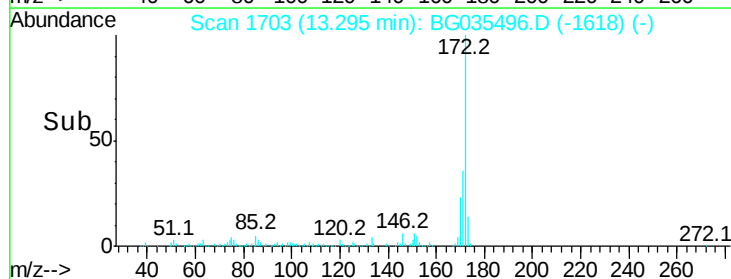
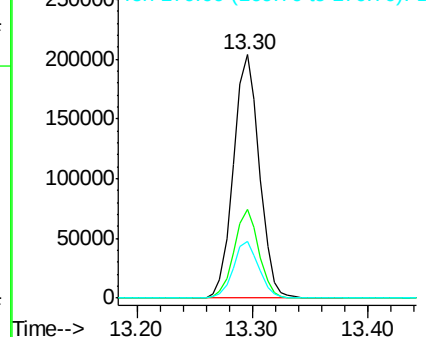


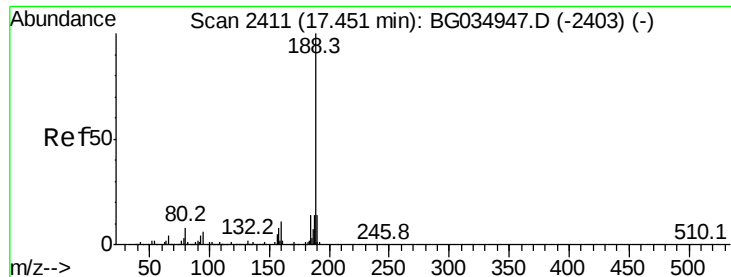
#44
 2-Fluorobiphenyl
 Concen: 43.485 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035496.D
 Acq: 29 Jun 2018 2:45

Tgt Ion:172 Resp: 316296
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 23.4 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: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035496.D

Acq: 29 Jun 2018 2:45

Instrument :

BNA_G

ClientSampleId :

MW-4

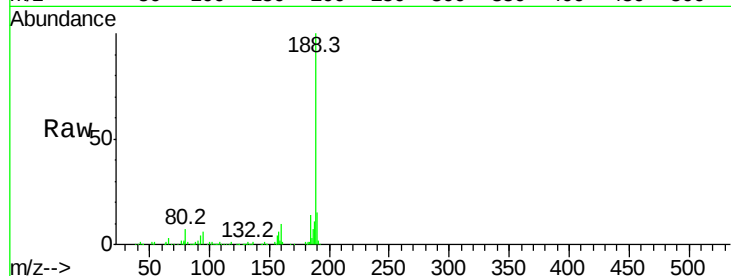
Tot Ion:188 Resp: 247279

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

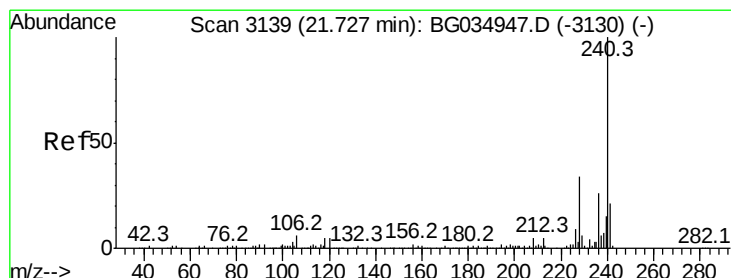
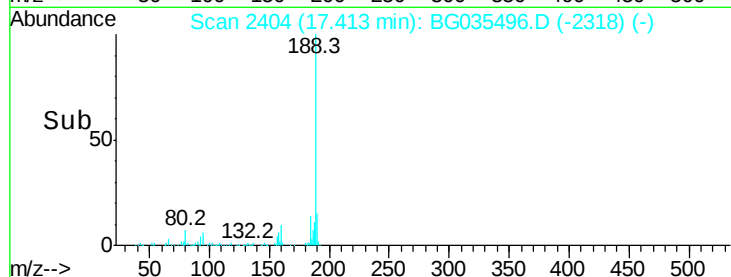
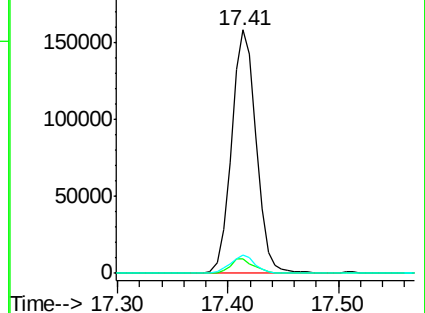
80 7.3 7.7 11.5#



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# 3130

Delta R.T. -0.04 min

Lab File: BG035496.D

Acq: 29 Jun 2018 2:45

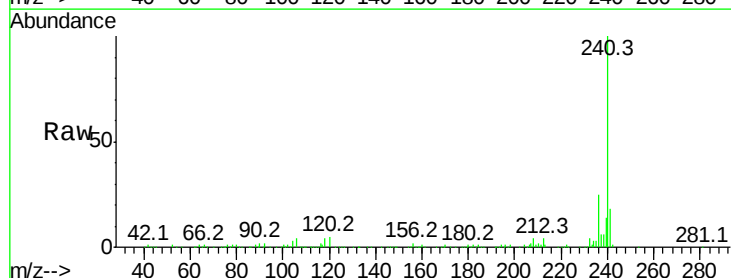
Tgt Ion:240 Resp: 275353

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

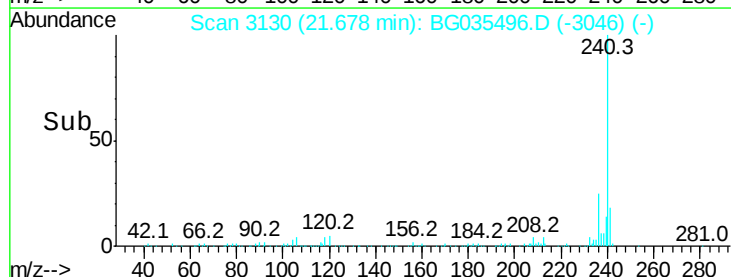
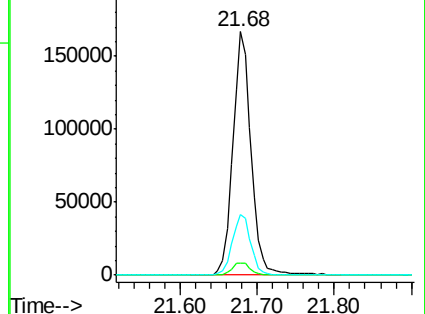
236 25.1 20.9 31.3

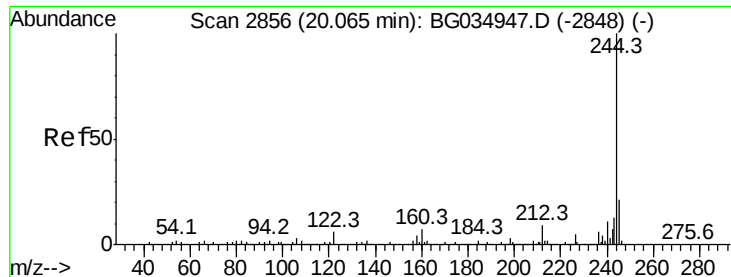


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.388 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035496.D

Acq: 29 Jun 2018 2:45

Instrument :

BNA_G

ClientSampleId :

MW-4

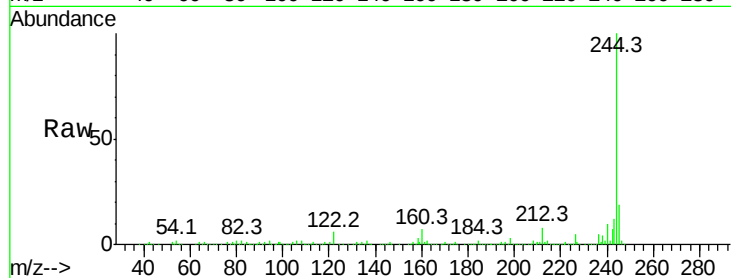
Tot Ion:244 Resp: 609785

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

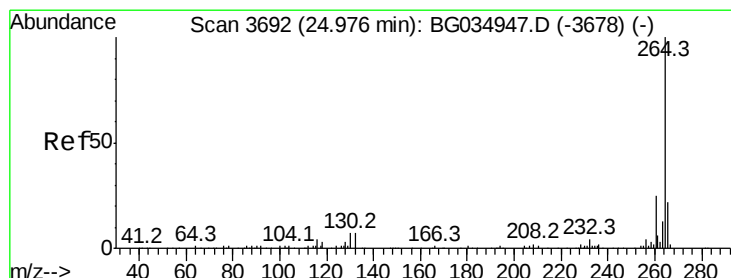
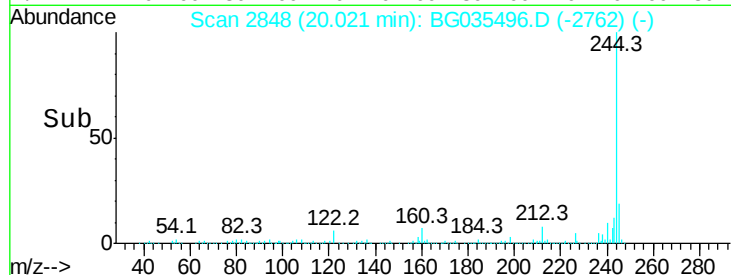
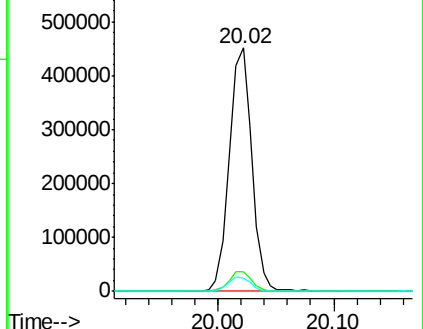
122 5.6 7.0 10.4#



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# 3677

Delta R.T. -0.06 min

Lab File: BG035496.D

Acq: 29 Jun 2018 2:45

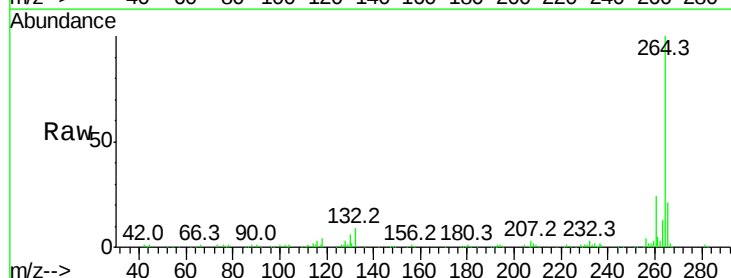
Tgt Ion:264 Resp: 244345

Ion Ratio Lower Upper

264 100

260 24.3 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

