

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038035.D
 Acq On : 16 Nov 2018 16:03
 Operator : JU/SJ
 Sample : J5965-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: Nov 16 18:16:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	48813	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	214594	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	135569	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	304865	20.00	ng	0.00
76) Chrysene-d12	21.75	240	280159	20.00	ng	0.00
87) Perylene-d12	25.08	264	290061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	142674	50.47	ng	0.00
7) Phenol-d6	7.23	99	126281	31.29	ng	0.00
23) Nitrobenzene-d5	9.27	82	320445	79.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	170982	110.59	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	744802	80.04	ng	0.00
79) Terphenyl-d14	20.07	244	1030885	86.58	ng	0.00

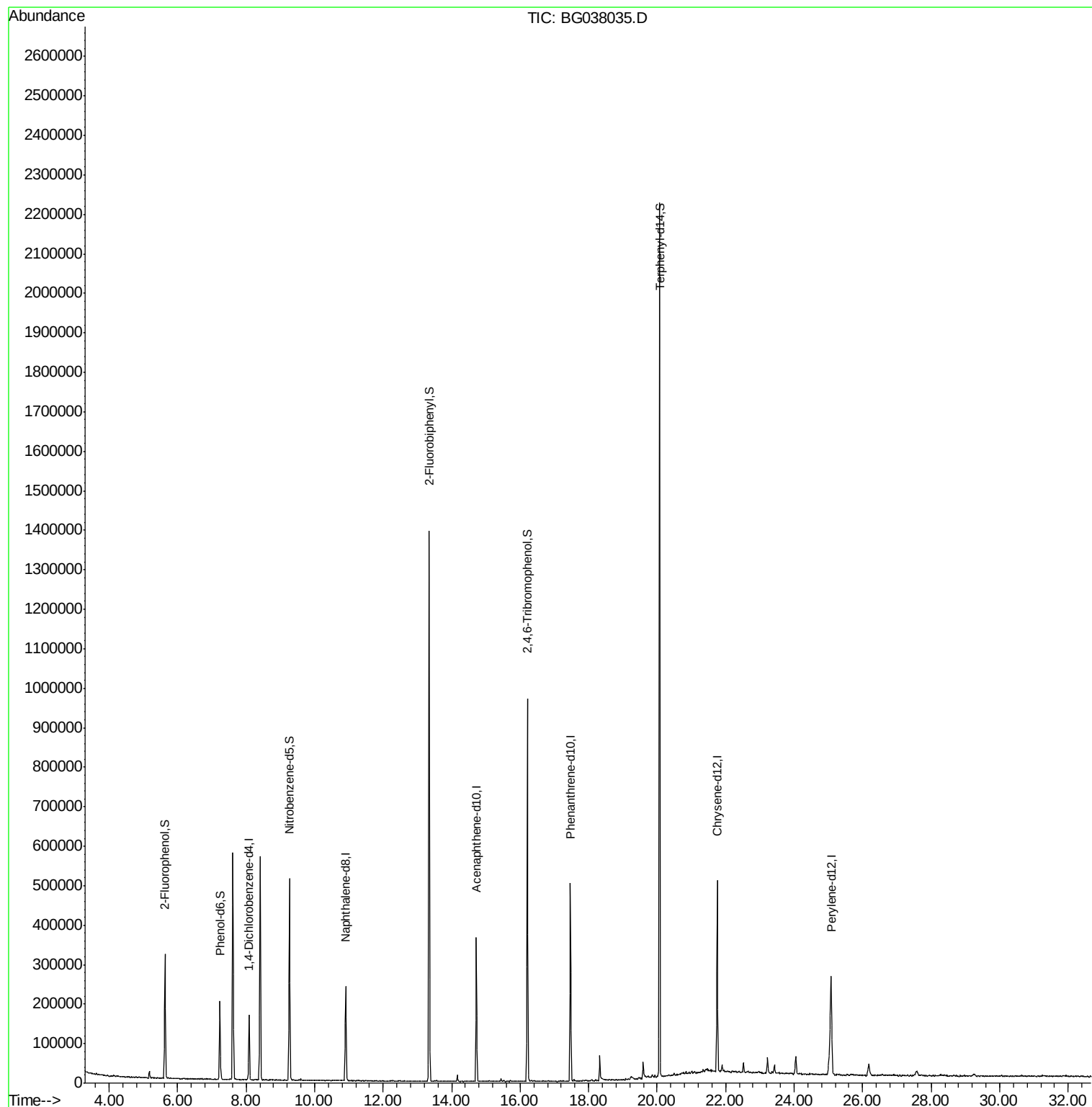
Target Compounds Qvalue

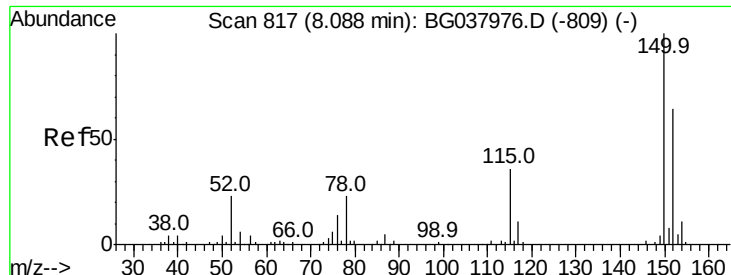
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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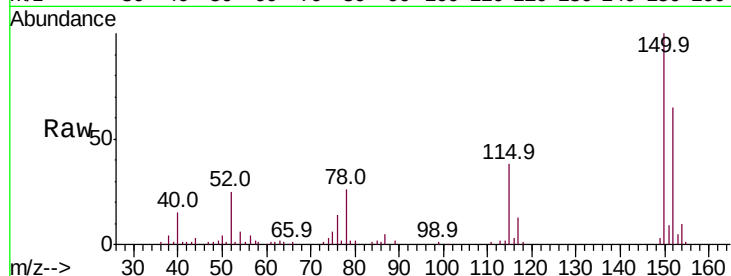


#1

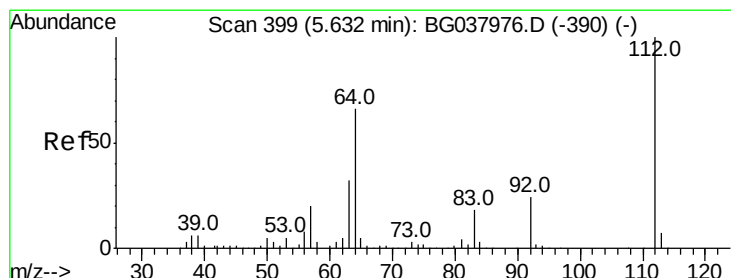
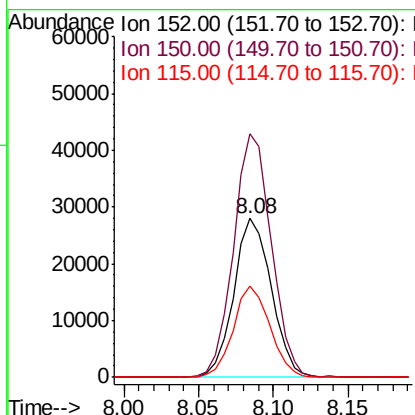
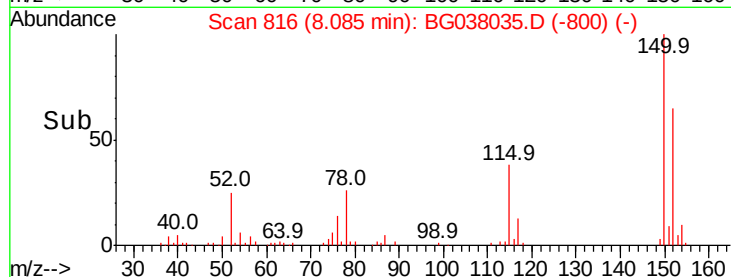
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tot Ion:152 Resp: 48813
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.0 189.0
 115 57.8 45.5 68.3



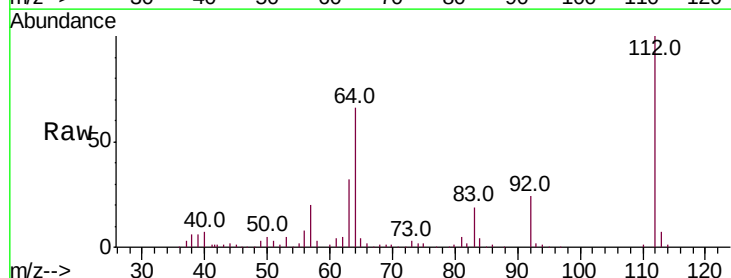
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



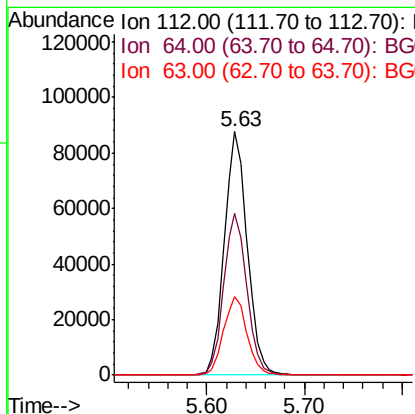
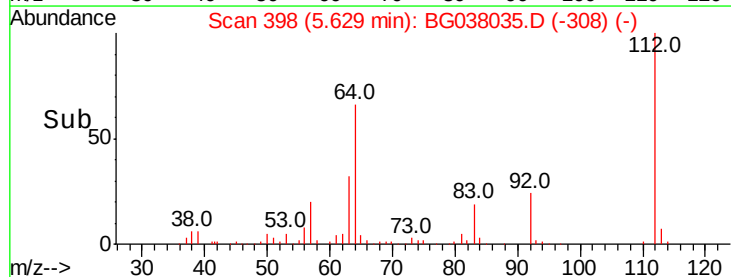
#5

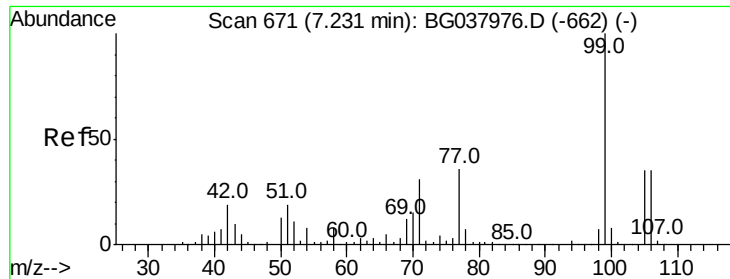
2-Fluorophenol
 Concen: 50.465 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Tgt Ion:112 Resp: 142674
 Ion Ratio Lower Upper
 112 100
 64 66.4 53.1 79.7
 63 32.1 27.3 40.9



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: 31.292 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

MW-5

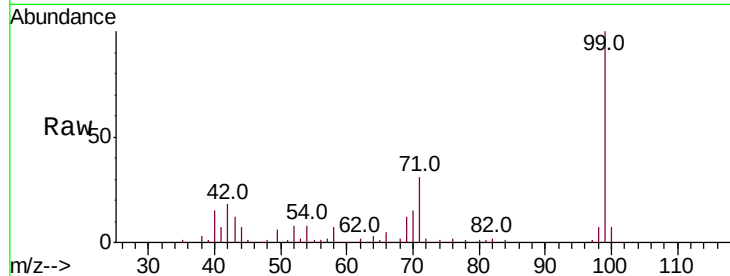
Tot Ion: 99 Resp: 126281

Ion Ratio Lower Upper

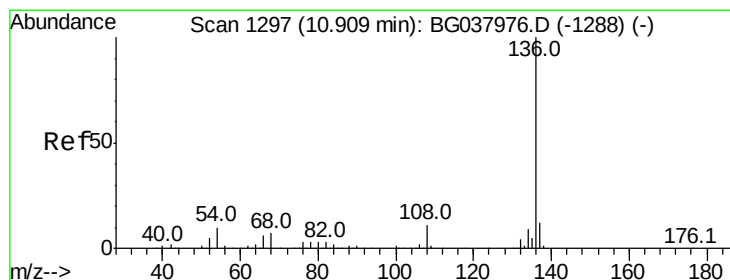
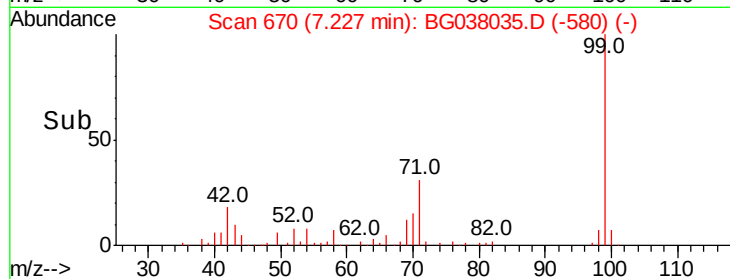
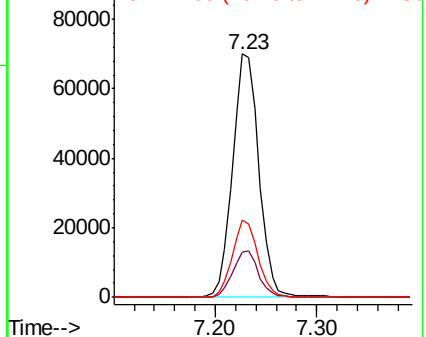
99 100

42 18.4 15.0 22.4

71 31.5 25.5 38.3



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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Tgt Ion: 136 Resp: 214594

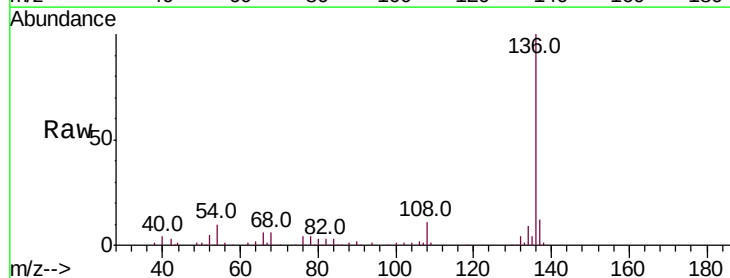
Ion Ratio Lower Upper

136 100

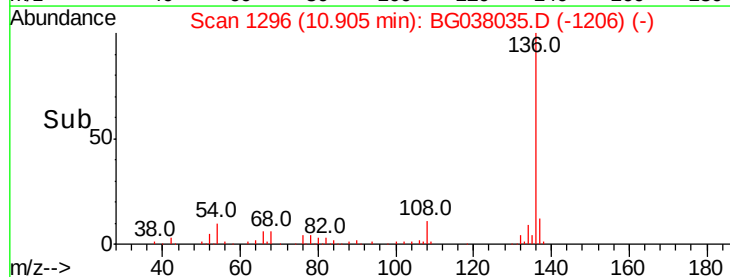
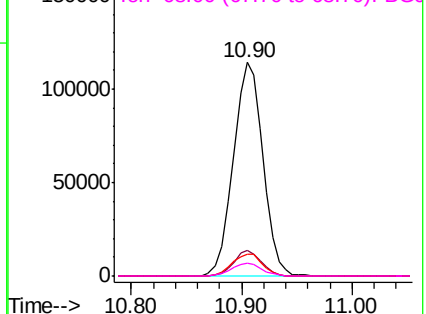
137 11.9 9.6 14.4

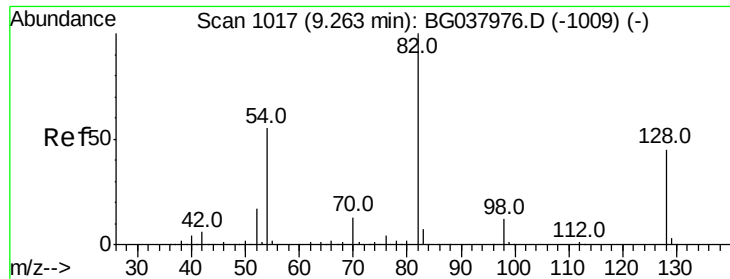
54 10.3 7.9 11.9

68 6.1 4.8 7.2



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

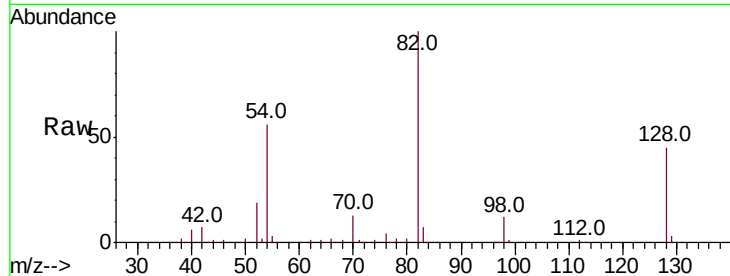




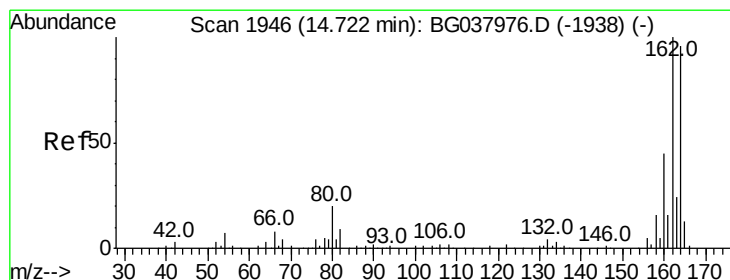
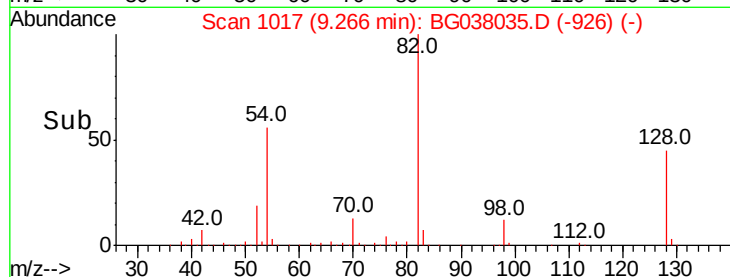
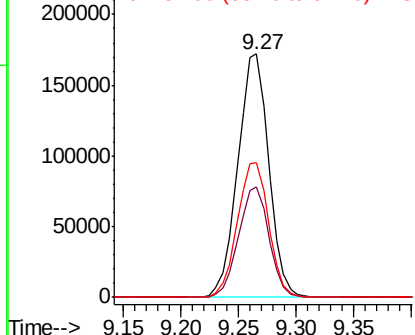
#23
 Nitrobenzene-d5
 Concen: 79.935 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tot Ion	82	Resp	320445
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	55.6	45.3	67.9

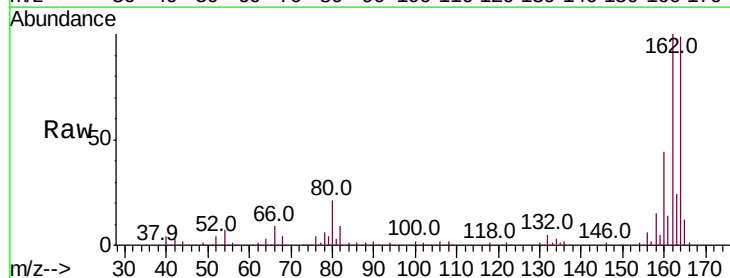


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

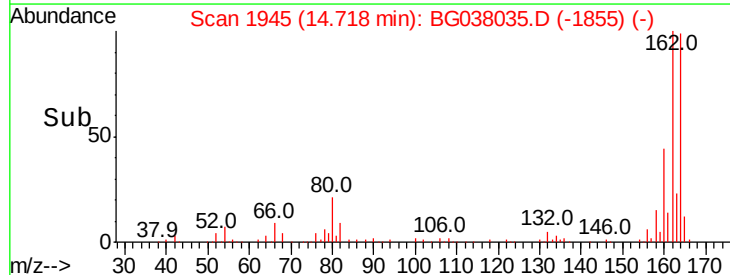
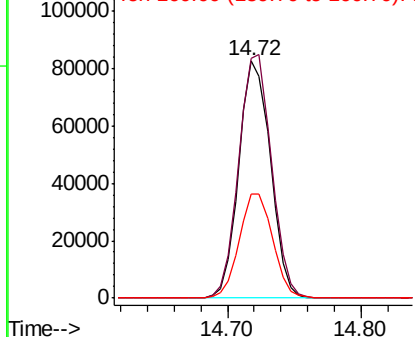


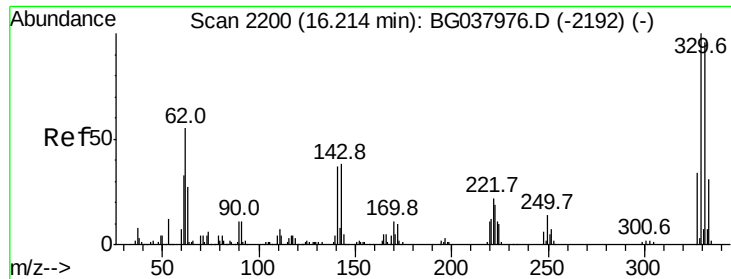
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Tgt Ion	164	Resp	135569
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	100.8	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

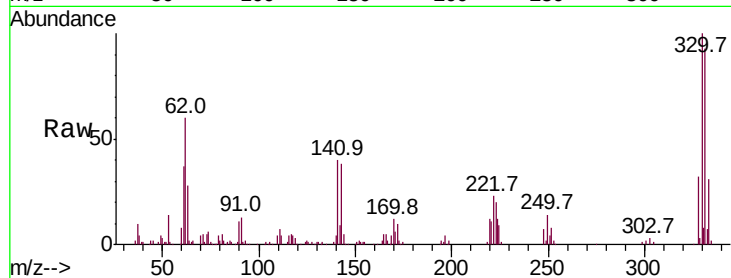




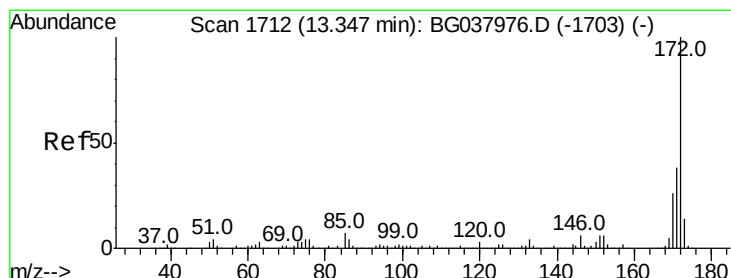
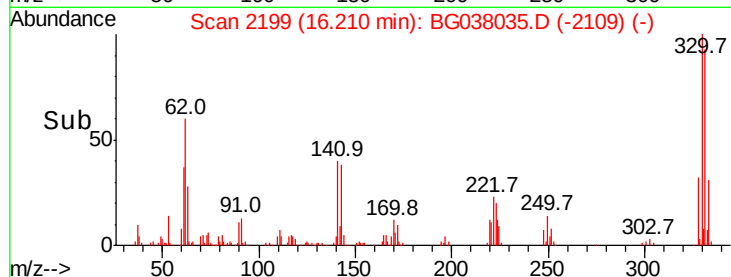
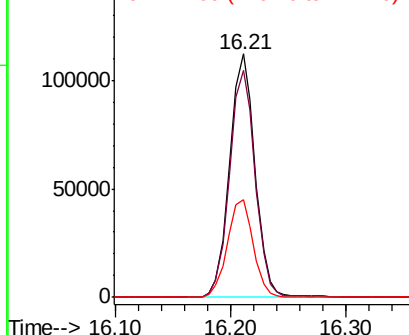
#42
 2,4,6-Tribromophenol
 Concen: 110.587 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Instrument :
 BNA_G
 ClientSampled :
 MW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.4	117.6
141	40.9	32.2	48.2

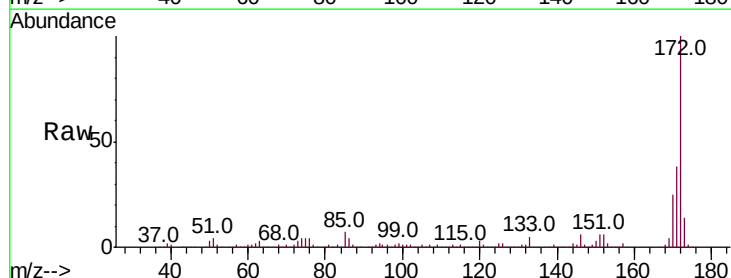


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

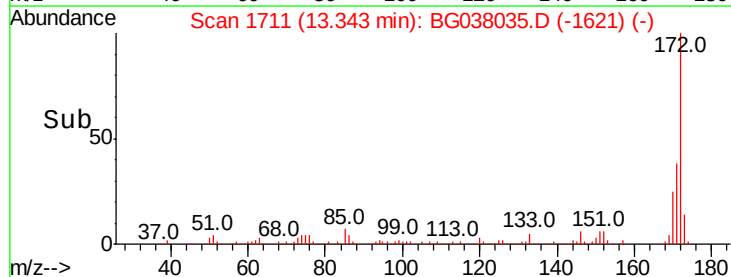
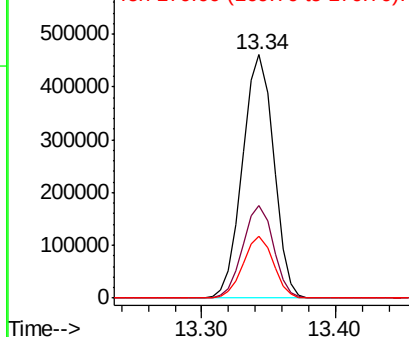


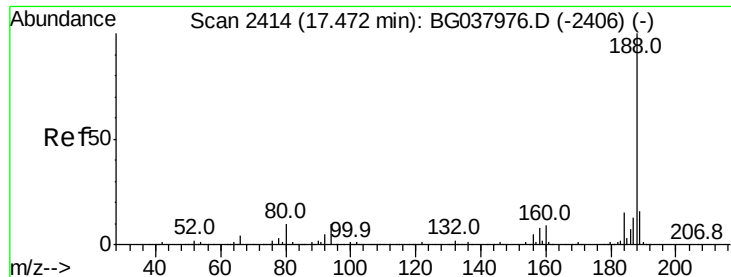
#45
 2-Fluorobiphenyl
 Concen: 80.038 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038035.D
 Acq: 16 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

MW-5

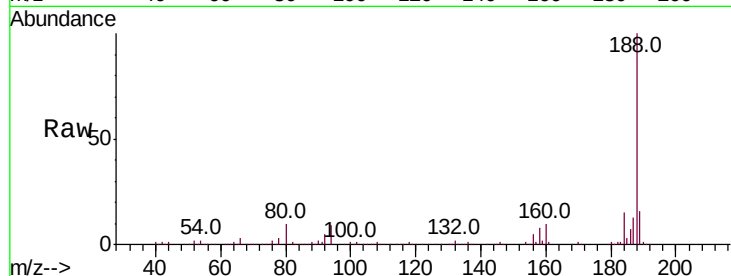
Tot Ion:188 Resp: 304865

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

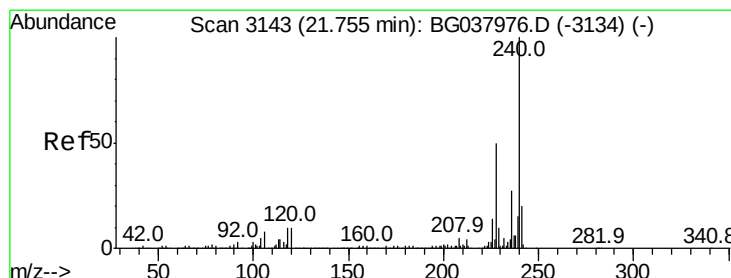
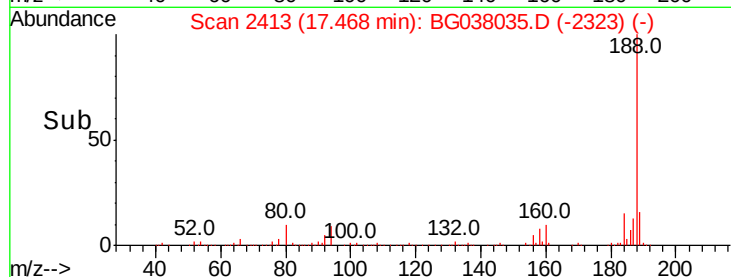
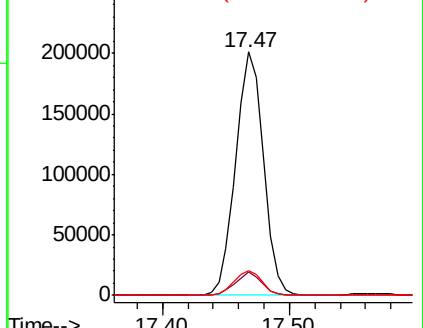
80 10.3 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

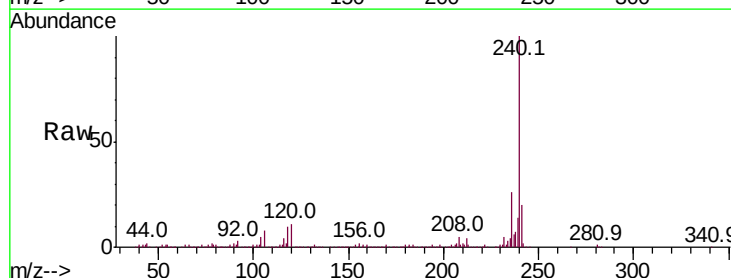
Tgt Ion:240 Resp: 280159

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

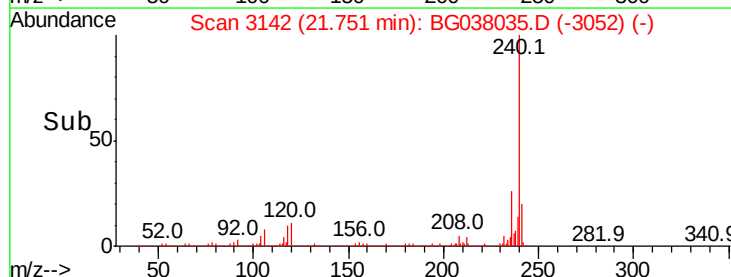
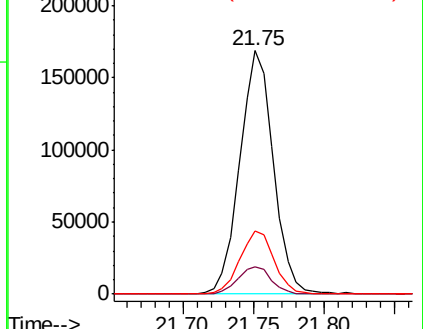
236 26.1 21.4 32.0

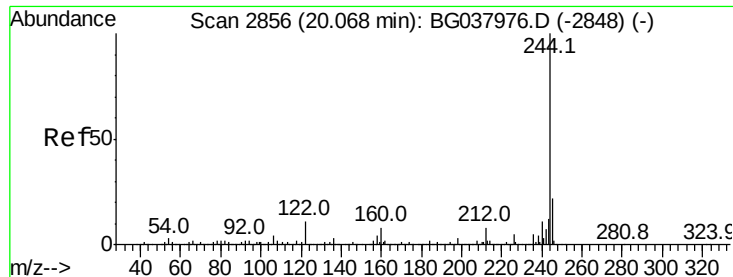


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.582 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Instrument :

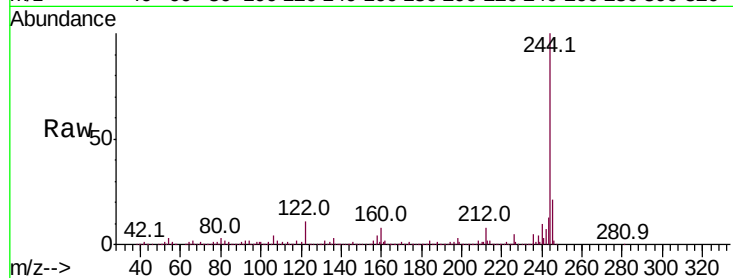
BNA_G

ClientSampleId :

MW-5

Tot Ion:244 Resp: 1030885

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.7	9.0	13.4

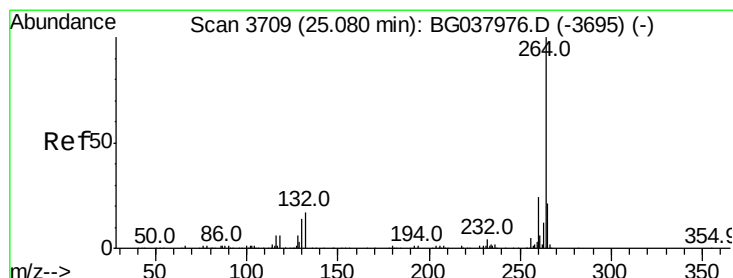
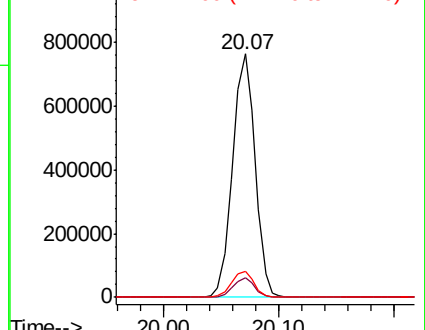
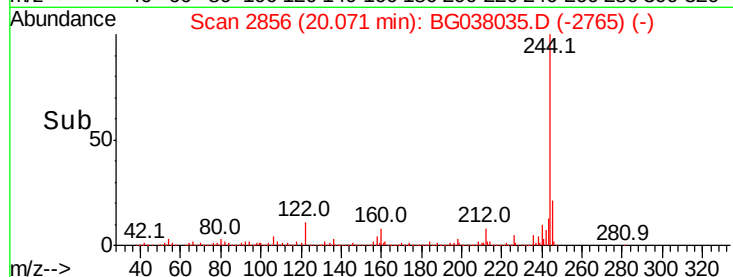


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

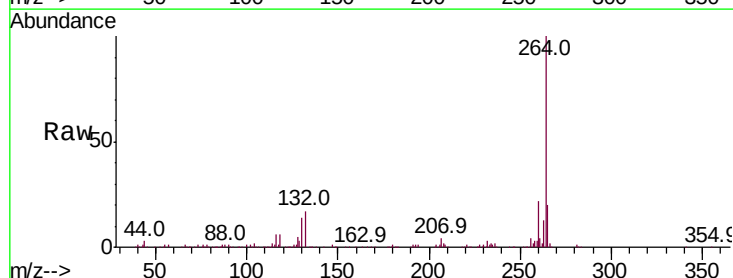
Delta R.T. 0.00 min

Lab File: BG038035.D

Acq: 16 Nov 2018 16:03

Tgt Ion:264 Resp: 290061

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	19.8	17.9	26.9



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

