

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038142.D
 Acq On : 26 Nov 2018 19:24
 Operator : JU/SJ
 Sample : J6031-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VTW-03

Quant Time: Nov 27 07:02:09 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	8.09	152	46235	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	205234	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	127437	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	282035	20.00	ng	0.00
76) Chrysene-d12	21.75	240	261639	20.00	ng	0.00
87) Perylene-d12	25.08	264	259609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	129875	48.50	ng	0.00
7) Phenol-d6	7.23	99	115281	30.16	ng	0.00
23) Nitrobenzene-d5	9.27	82	283769	74.01	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	144280	99.27	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	622569	71.17	ng	0.00
79) Terphenyl-d14	20.07	244	882473	79.36	ng	0.00

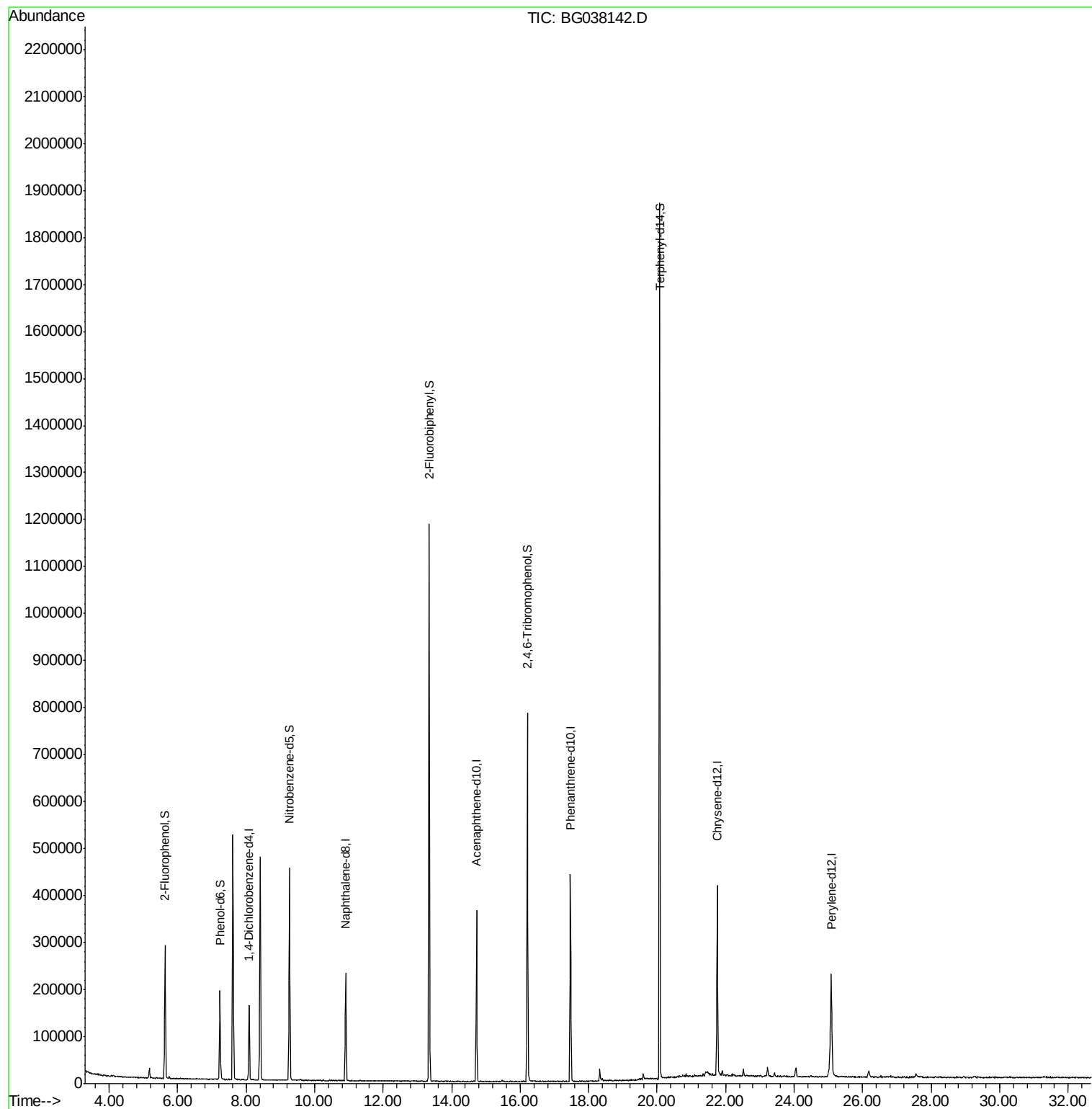
Target Compounds Qvalue

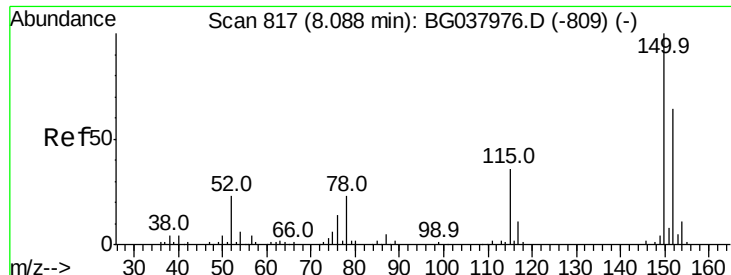
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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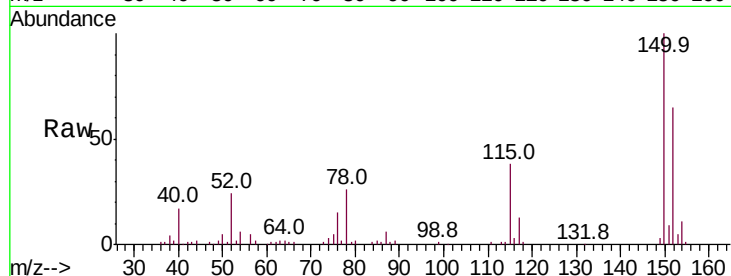


#1

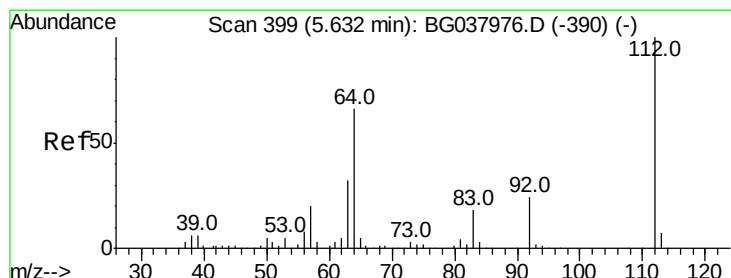
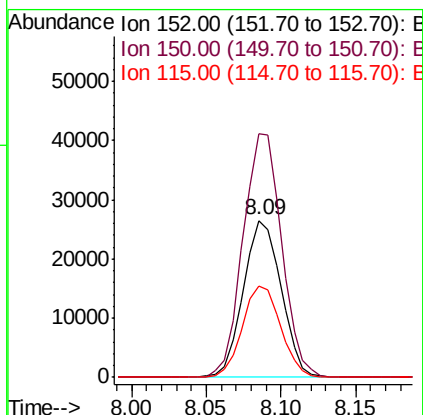
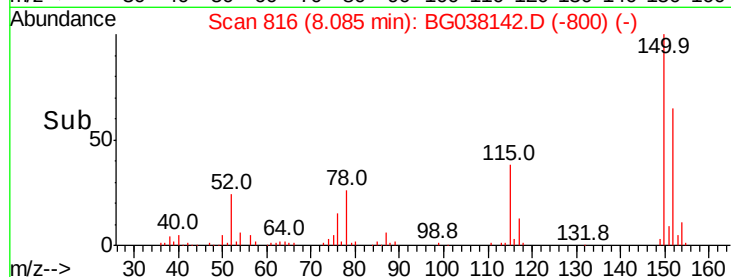
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Instrument :
BNA_G
ClientSampleId :
VTW-03

Tot Ion:152 Resp: 46235
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 58.2 45.5 68.3



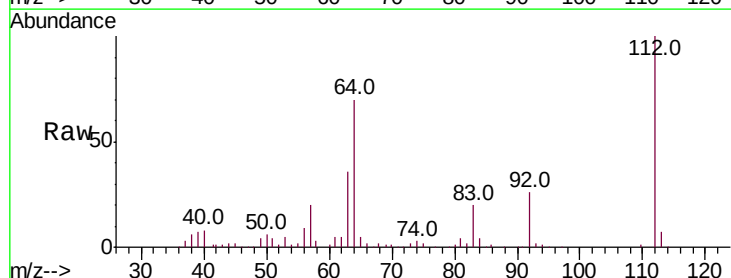
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



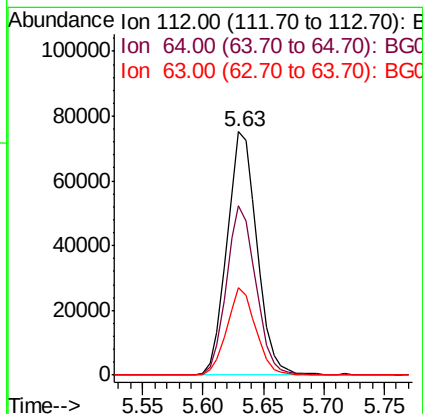
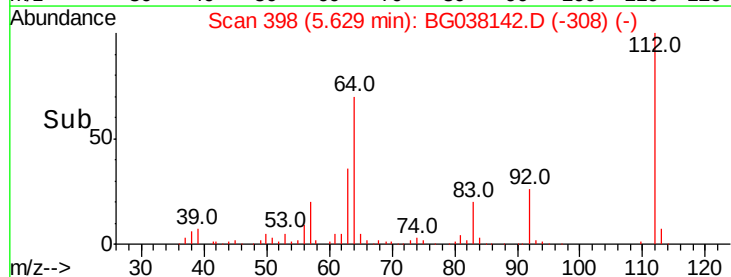
#5

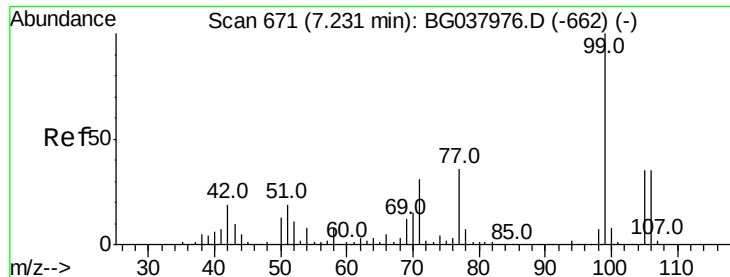
2-Fluorophenol
Concen: 48.500 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Tgt Ion:112 Resp: 129875
Ion Ratio Lower Upper
112 100
64 69.5 53.1 79.7
63 35.9 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: 30.159 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

Instrument :

BNA_G

ClientSampleId :

VTW-03

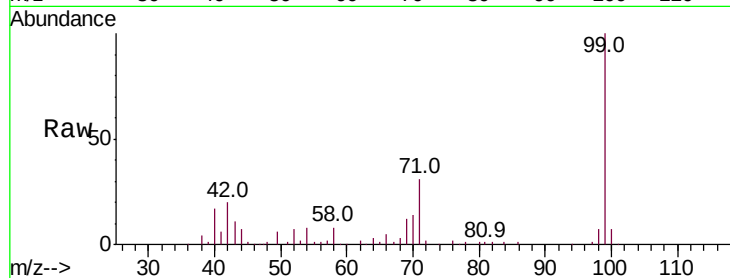
Tot Ion: 99 Resp: 115281

Ion Ratio Lower Upper

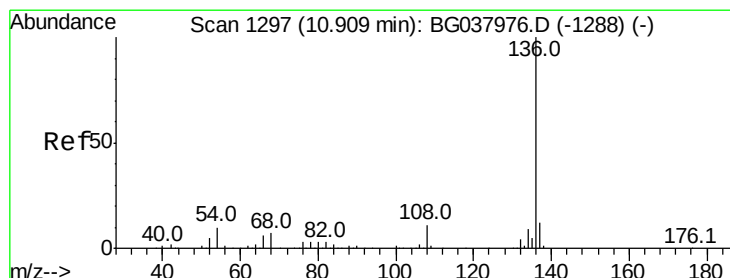
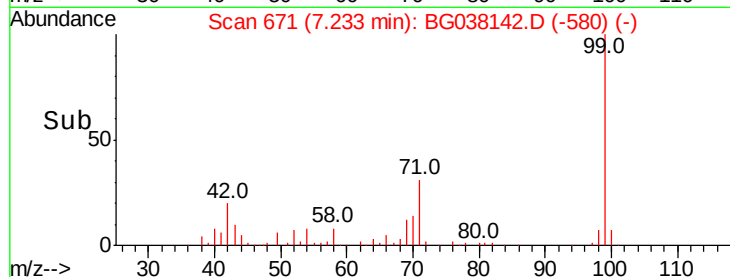
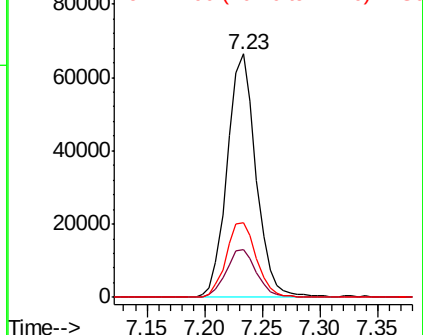
99 100

42 19.6 15.0 22.4

71 30.7 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: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

Tgt Ion: 136 Resp: 205234

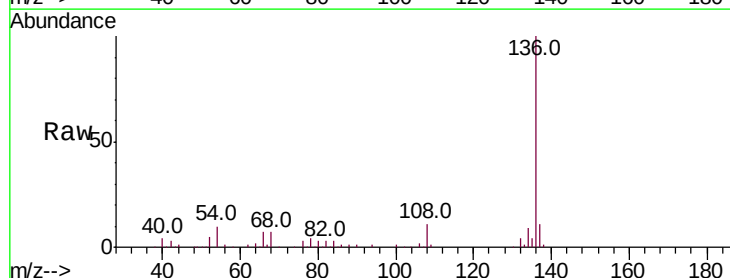
Ion Ratio Lower Upper

136 100

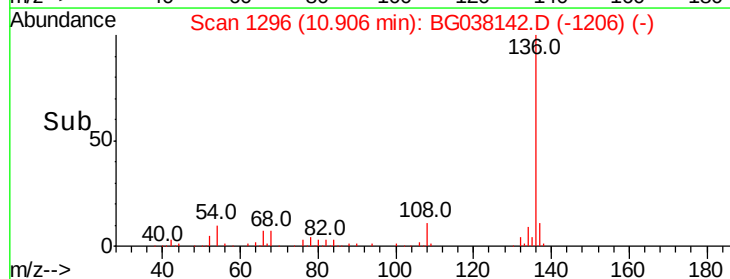
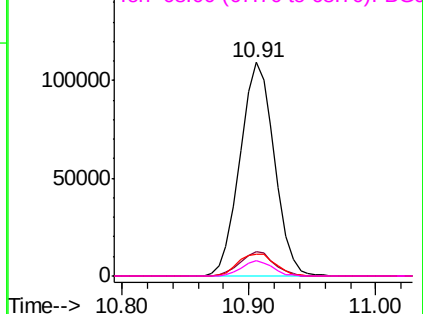
137 11.3 9.6 14.4

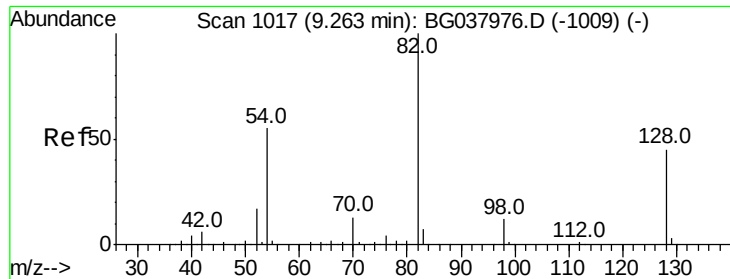
54 10.5 7.9 11.9

68 7.0 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

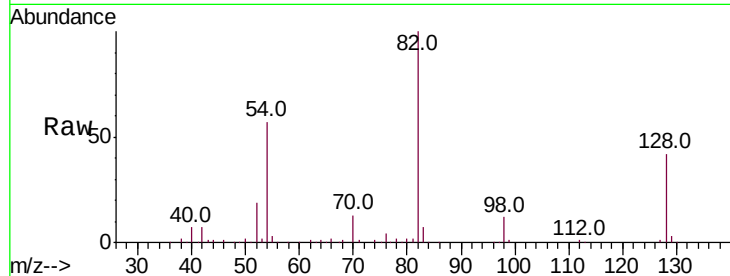




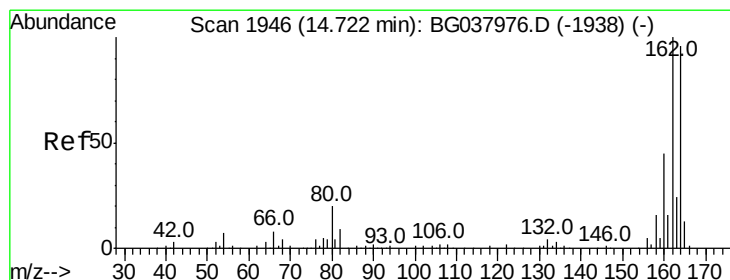
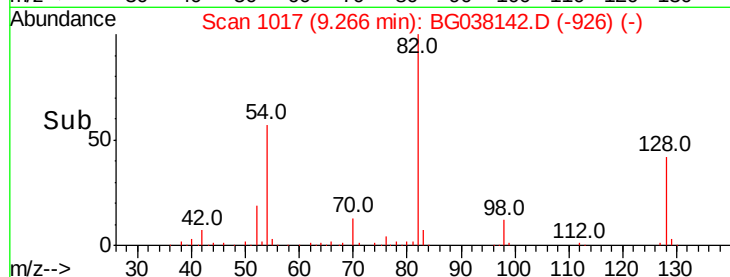
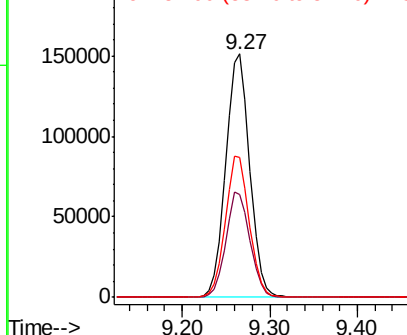
#23
Nitrobenzene-d5
Concen: 74.014 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Instrument :
BNA_G
ClientSampleId :
VTW-03

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	57.3	45.3	67.9

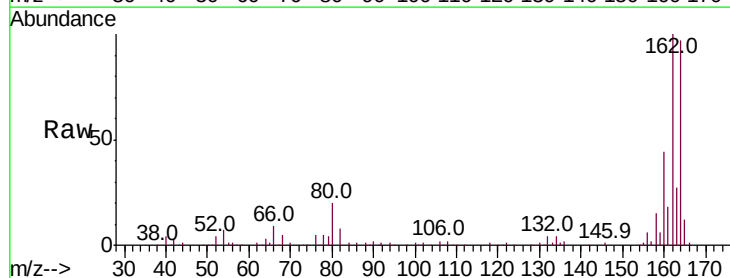


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

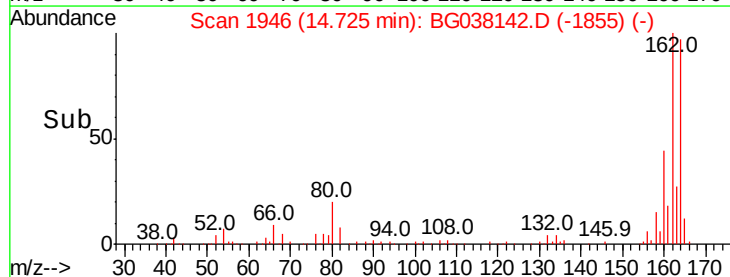
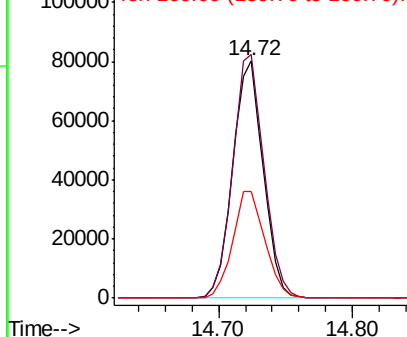


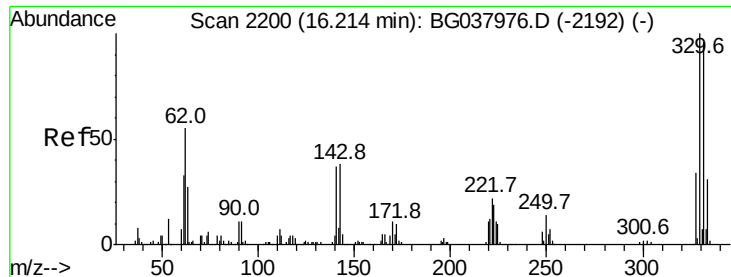
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.3	121.9
160	44.8	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

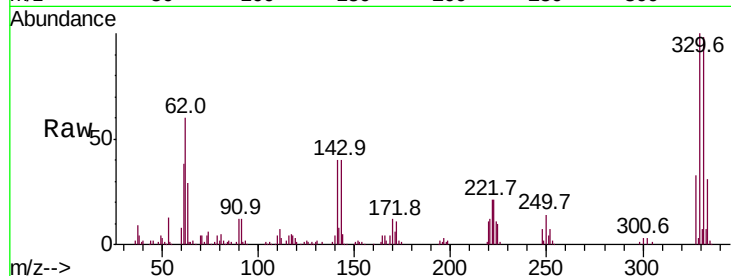




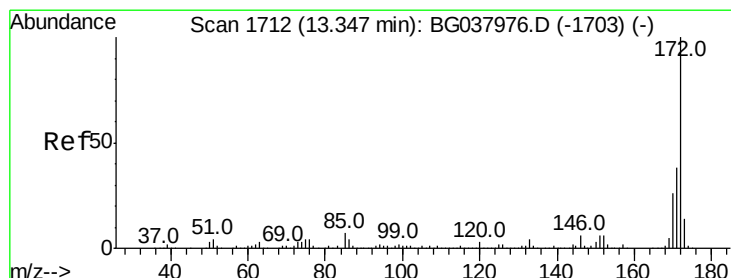
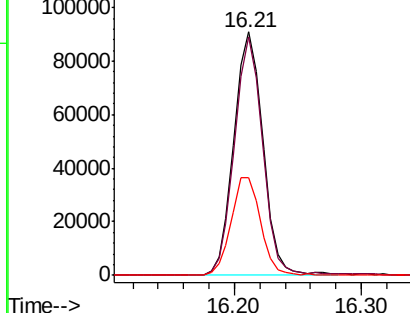
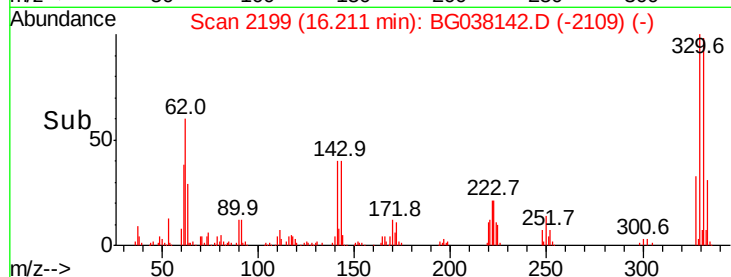
#42
 2,4,6-Tribromophenol
 Concen: 99.271 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

Instrument :
 BNA_G
 ClientSampleId :
 VTW-03

Tot Ion:330 Resp: 144280
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.4 117.6
 141 41.4 32.2 48.2

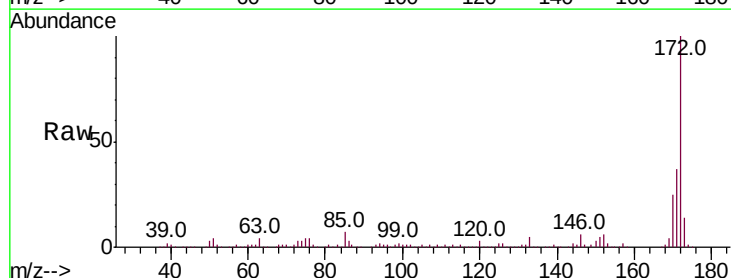


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

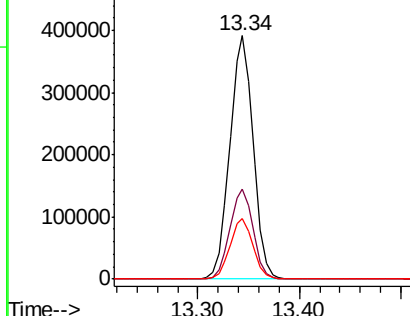
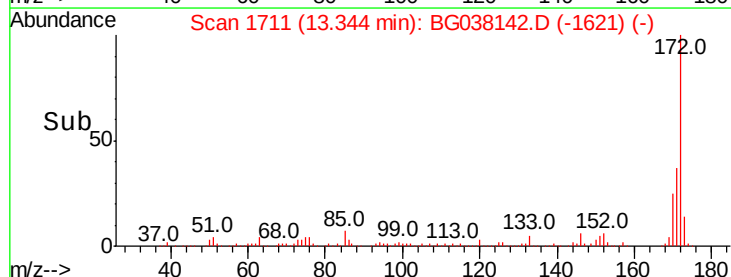


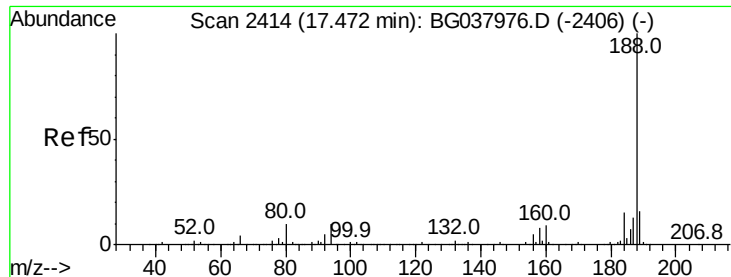
#45
 2-Fluorobiphenyl
 Concen: 71.172 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

Tgt Ion:172 Resp: 622569
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 25.0 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: BG038142.D

Acq: 26 Nov 2018 19:24

Instrument :

BNA_G

ClientSampleId :

VTW-03

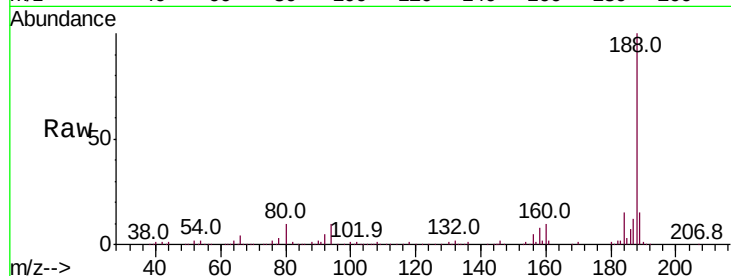
Tot Ion:188 Resp: 282035

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

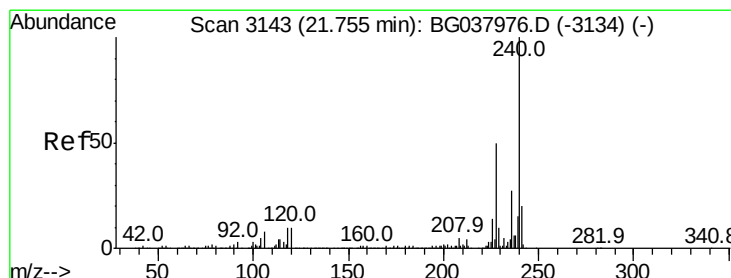
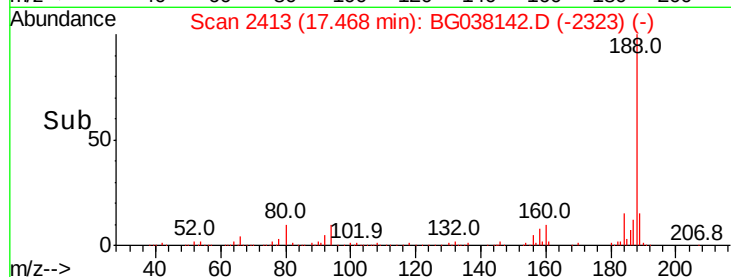
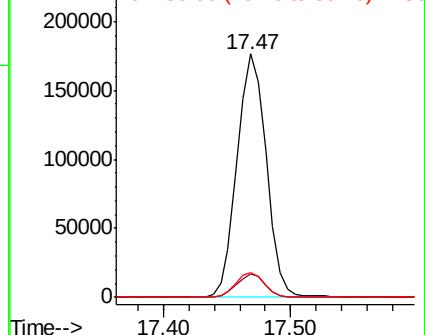
80 10.0 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

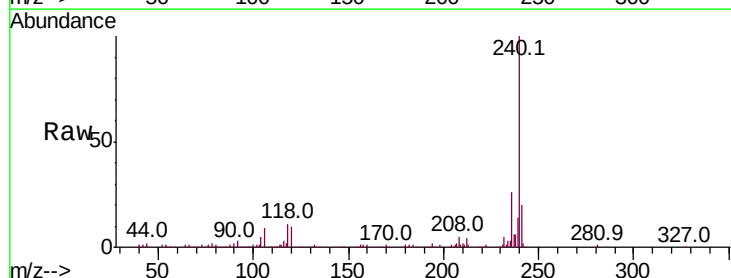
Tgt Ion:240 Resp: 261639

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

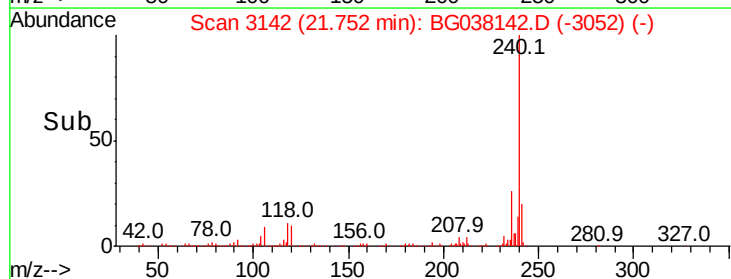
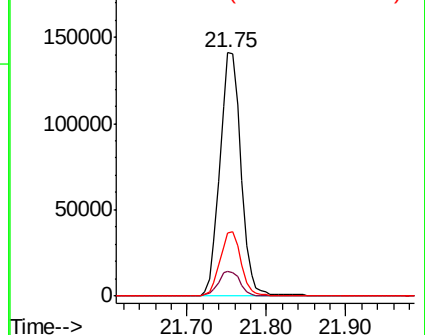
236 26.1 21.4 32.0

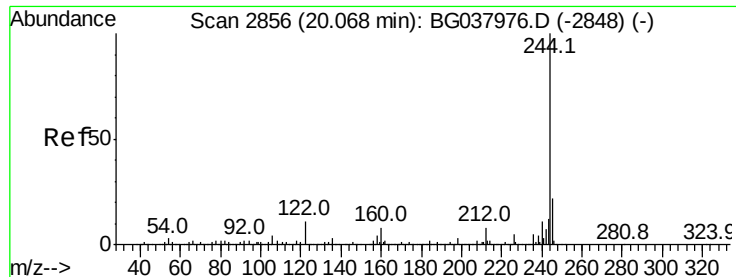


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.364 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

Instrument :

BNA_G

ClientSampled :

VTW-03

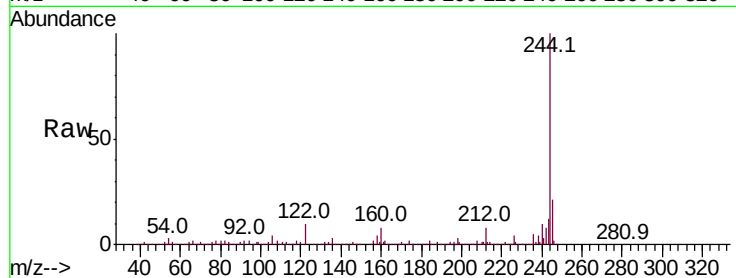
Tot Ion:244 Resp: 882473

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

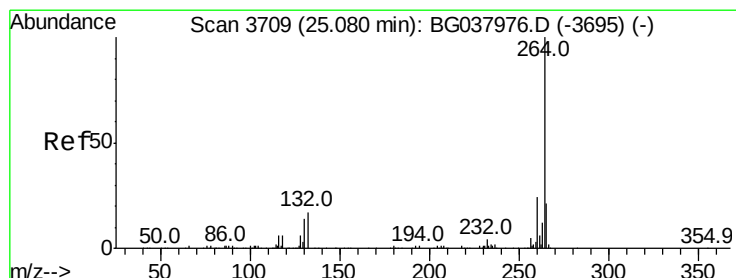
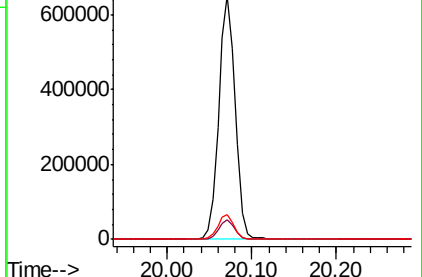
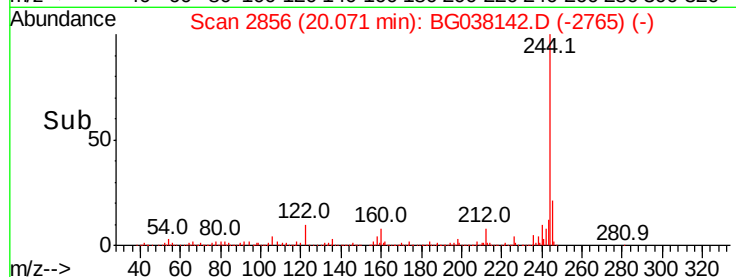
122 10.2 9.0 13.4



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# 3708

Delta R.T. -0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

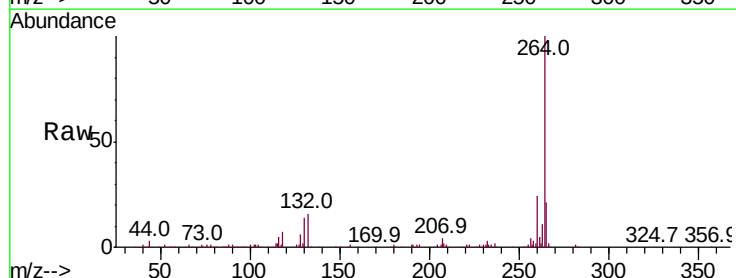
Tgt Ion:264 Resp: 259609

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 20.5 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

