

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038068.D
 Acq On : 19 Nov 2018 18:44
 Operator : JU/SJ
 Sample : J5991-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-RO-358

Quant Time: Nov 20 02:52:12 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	44874	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	191085	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	123452	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	280715	20.00	ng	0.00
76) Chrysene-d12	21.75	240	274187	20.00	ng	0.00
87) Perylene-d12	25.07	264	274123	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	305894	117.70	ng	0.00
7) Phenol-d6	7.23	99	389106	104.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	295198	82.70	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	138536	98.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	677175	79.91	ng	0.00
79) Terphenyl-d14	20.07	244	1033843	88.72	ng	0.00

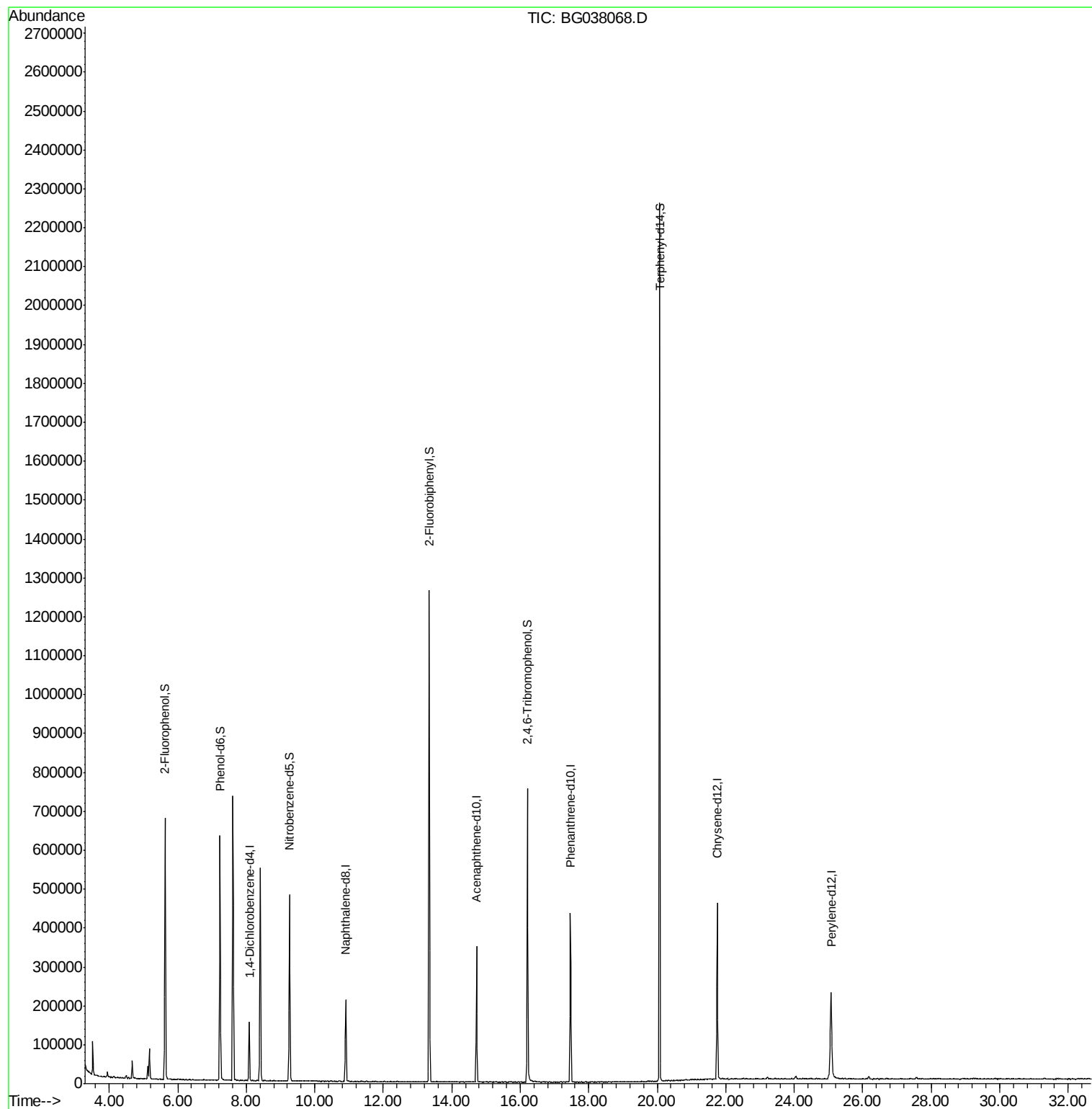
Target Compounds Qvalue

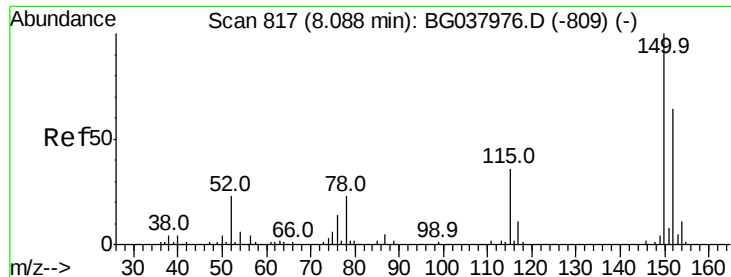
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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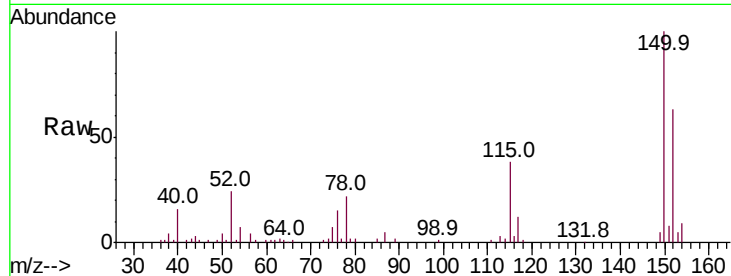


#1

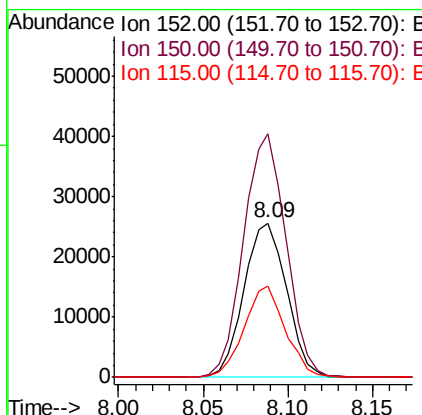
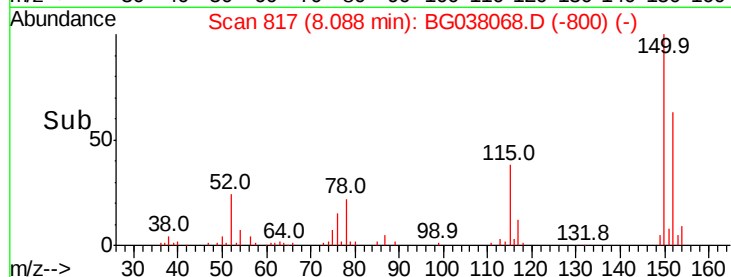
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038068.D
Acq: 19 Nov 2018 18:44

Instrument :
BNA_G
ClientSampled :
WS-RO-358

Tot Ion:152 Resp: 44874
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 59.6 45.5 68.3



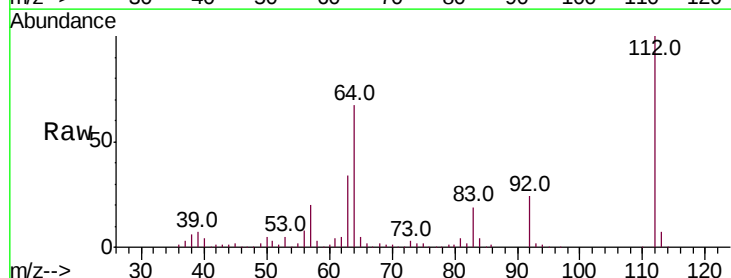
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



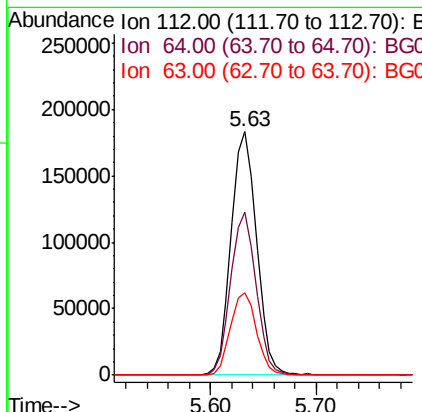
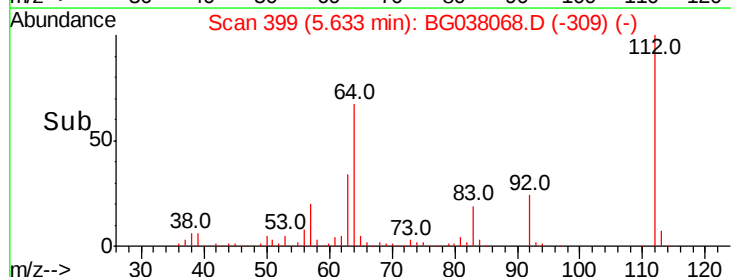
#5

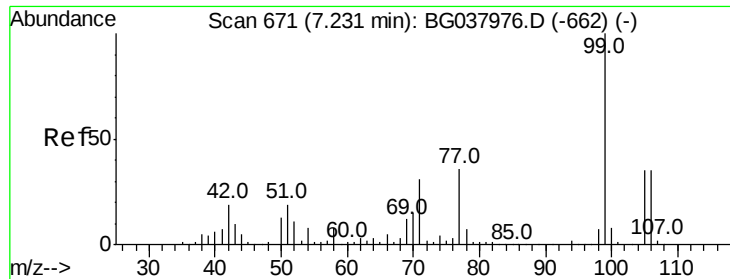
2-Fluorophenol
Concen: 117.695 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038068.D
Acq: 19 Nov 2018 18:44

Tgt Ion:112 Resp: 305894
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 34.0 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: 104.881 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038068.D

Acq: 19 Nov 2018 18:44

Instrument :

BNA_G

ClientSampleId :

WS-RO-358

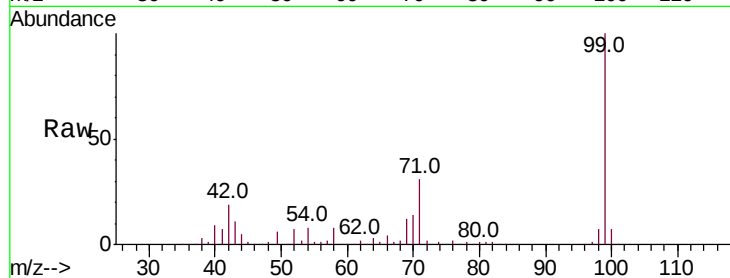
Tot Ion: 99 Resp: 389106

Ion Ratio Lower Upper

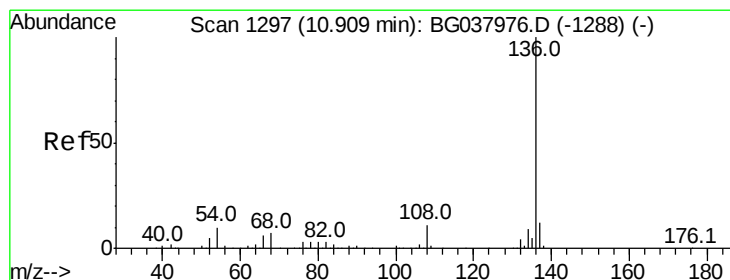
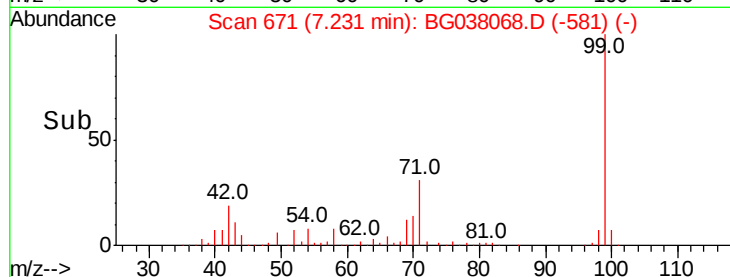
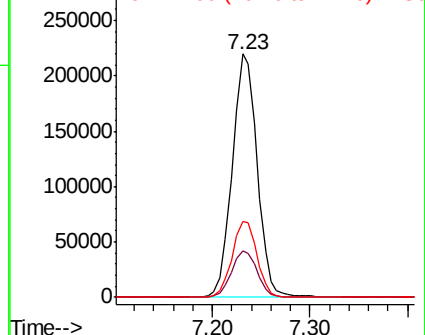
99 100

42 19.3 15.0 22.4

71 31.3 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# 1297

Delta R.T. 0.00 min

Lab File: BG038068.D

Acq: 19 Nov 2018 18:44

Tgt Ion: 136 Resp: 191085

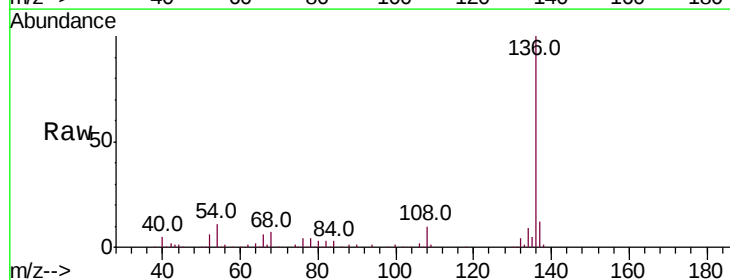
Ion Ratio Lower Upper

136 100

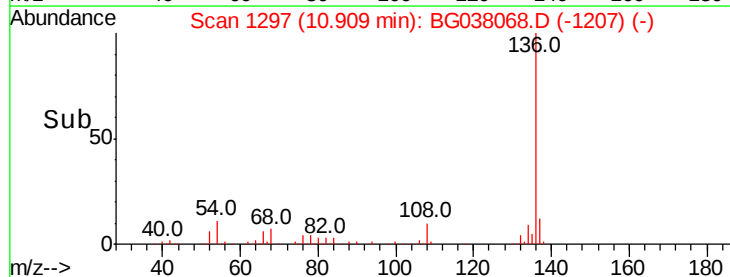
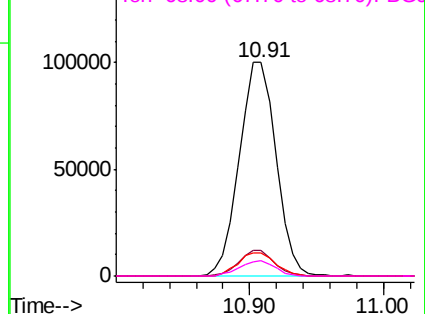
137 12.1 9.6 14.4

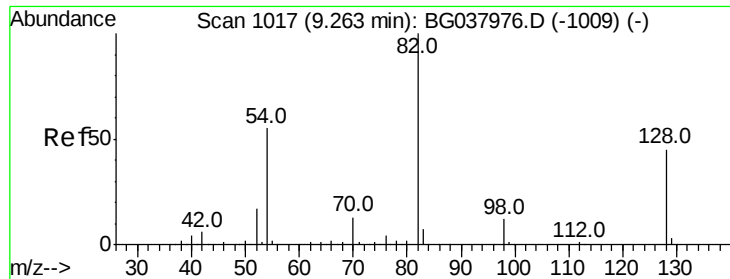
54 11.1 7.9 11.9

68 6.9 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

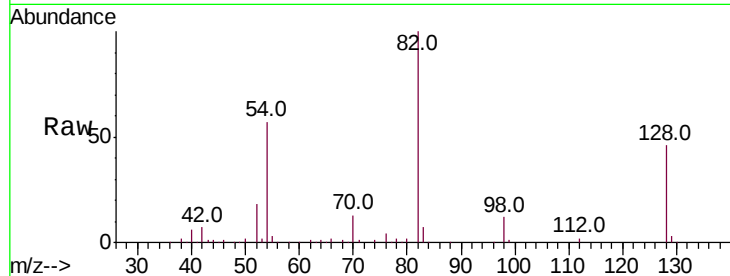




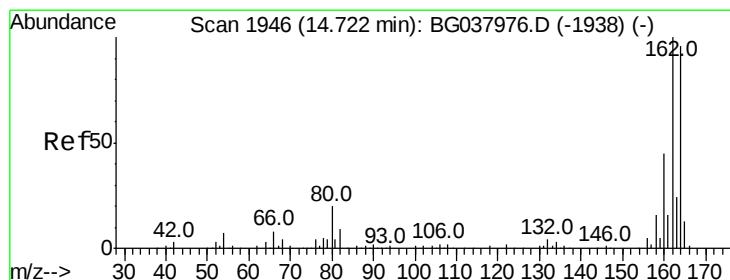
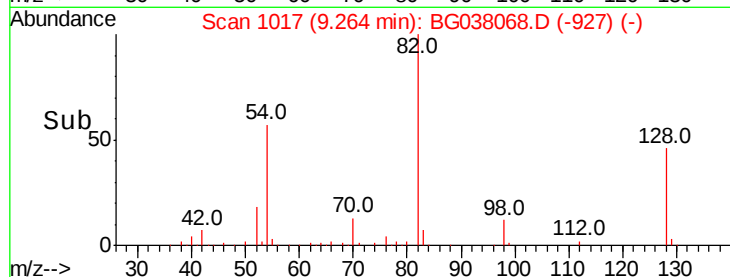
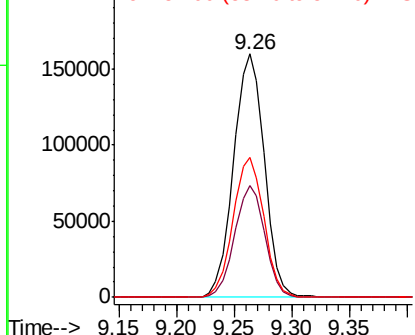
#23
Nitrobenzene-d5
Concen: 82.696 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038068.D
Acq: 19 Nov 2018 18:44

Instrument :
BNA_G
ClientSampleId :
WS-RO-358

Tot Ion: 82 Resp: 295198
Ion Ratio Lower Upper
82 100
128 45.7 34.6 51.8
54 57.3 45.3 67.9

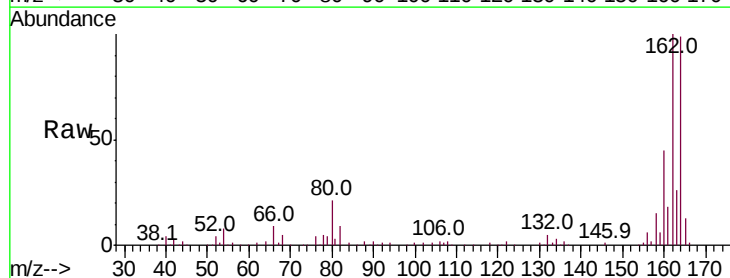


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

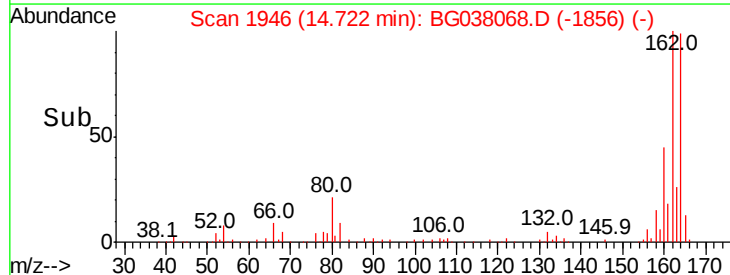
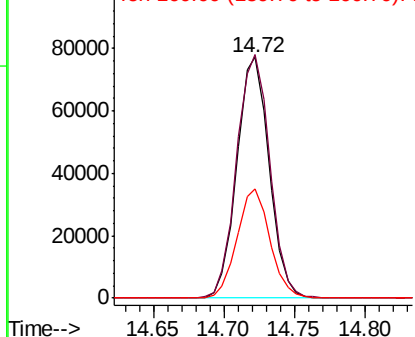


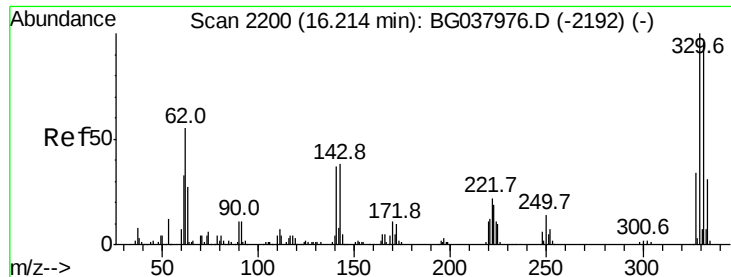
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038068.D
Acq: 19 Nov 2018 18:44

Tgt Ion:164 Resp: 123452
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 45.4 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

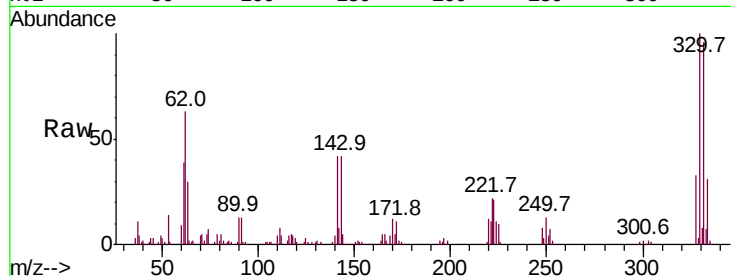




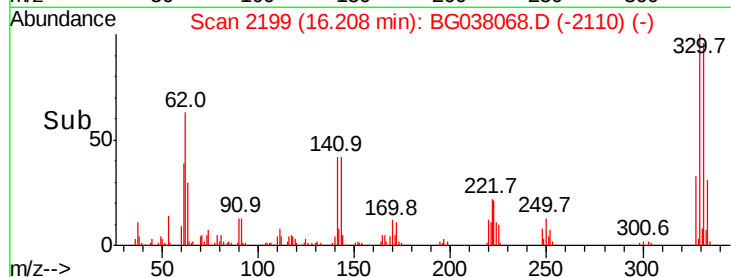
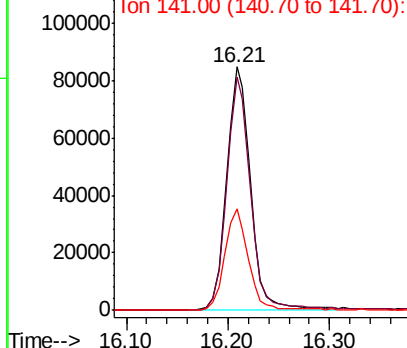
#42
 2,4,6-Tribromophenol
 Concen: 98.396 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038068.D
 Acq: 19 Nov 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 WS-RO-358

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	40.3	32.2	48.2

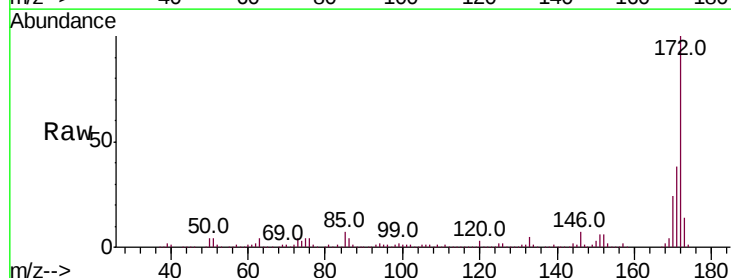


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

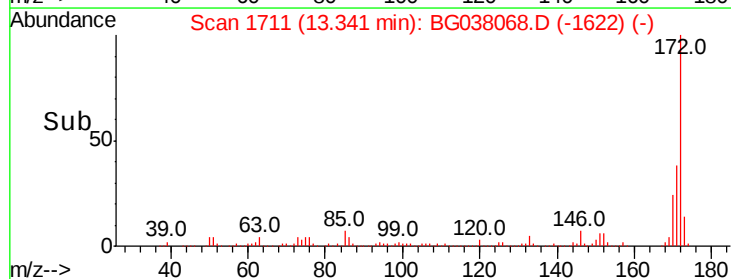
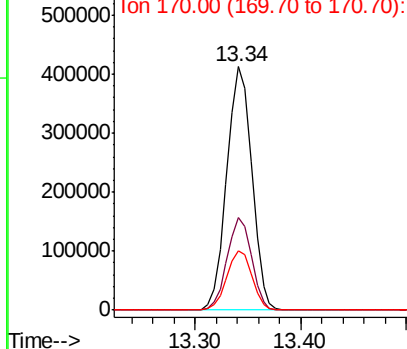


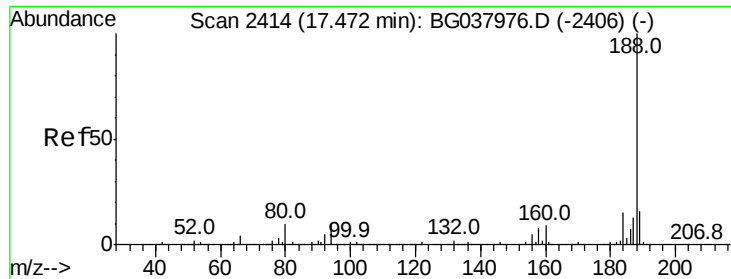
#45
 2-Fluorobiphenyl
 Concen: 79.913 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038068.D
 Acq: 19 Nov 2018 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.5	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. -0.01 min

Lab File: BG038068.D

Acq: 19 Nov 2018 18:44

Instrument :

BNA_G

ClientSampleId :

WS-RO-358

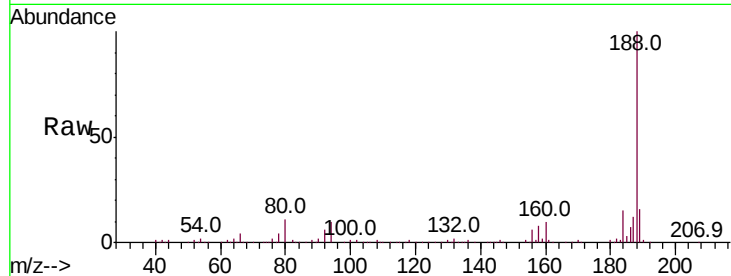
Tot Ion:188 Resp: 280715

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

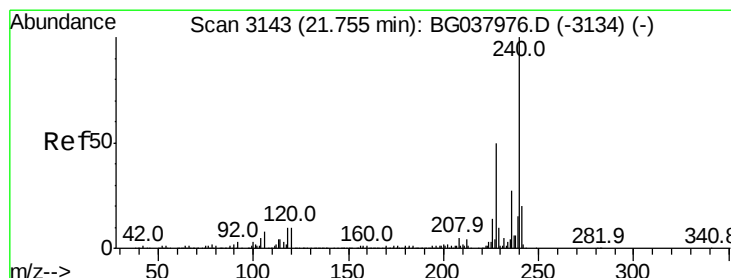
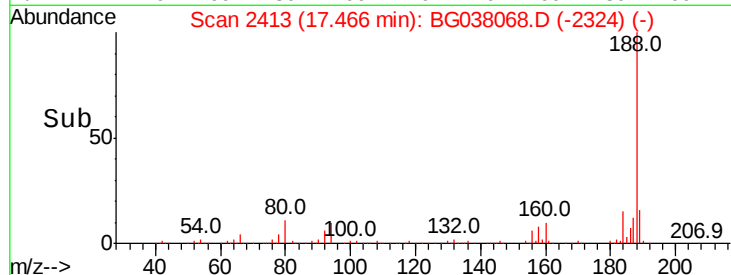
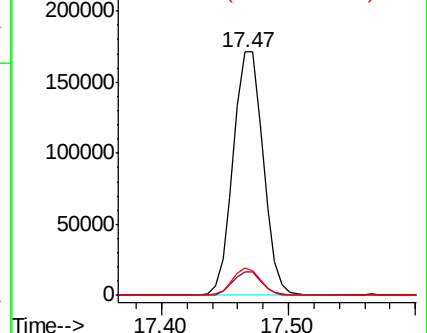
80 11.4 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038068.D

Acq: 19 Nov 2018 18:44

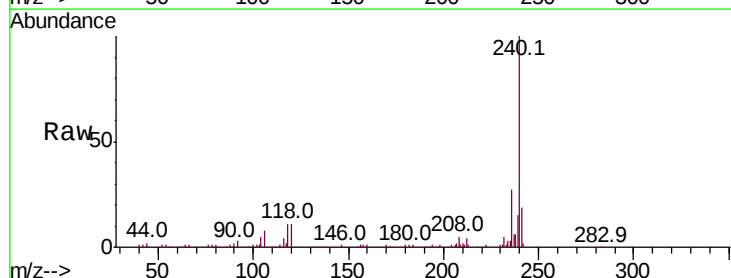
Tgt Ion:240 Resp: 274187

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

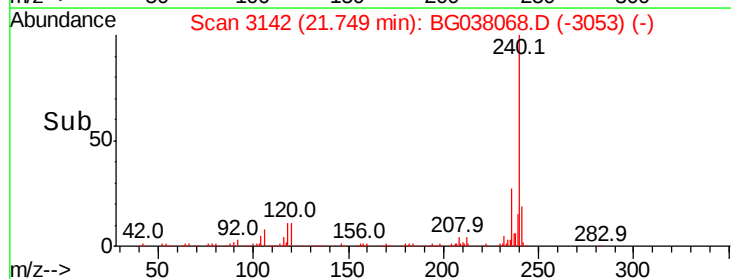
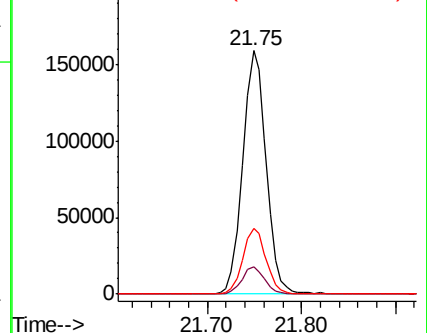
236 26.8 21.4 32.0



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



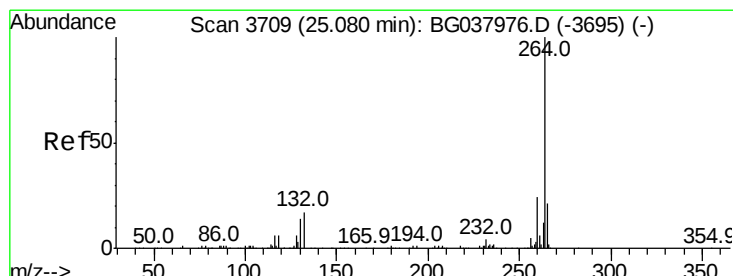
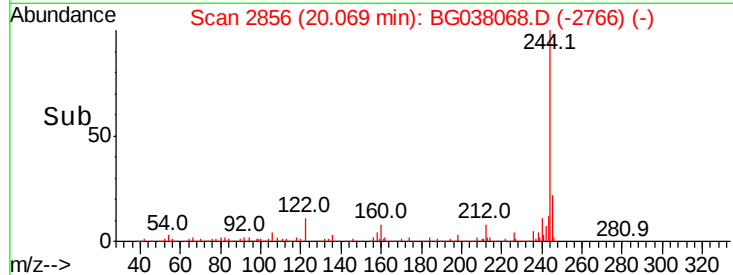
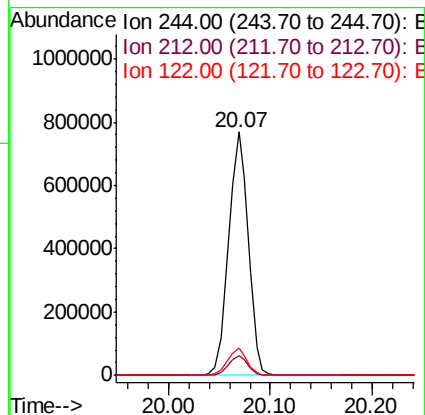
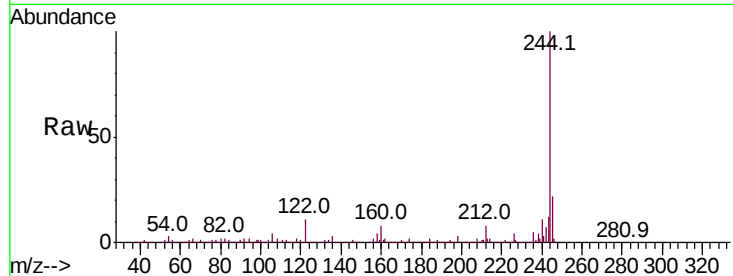


#79
 Terphenyl-d14
 Concen: 88.722 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038068.D
 Acq: 19 Nov 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 WS-RO-358

Tot Ion:244 Resp: 1033843

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.0	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.01 min
 Lab File: BG038068.D
 Acq: 19 Nov 2018 18:44

Tgt Ion:264 Resp: 274123

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	22.1	17.9	26.9

