

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038147.D
 Acq On : 26 Nov 2018 22:42
 Operator : JU/SJ
 Sample : J6032-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-DUP

Quant Time: Nov 27 07:10:44 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	44494	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	195357	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120869	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	262216	20.00	ng	0.00
76) Chrysene-d12	21.75	240	241825	20.00	ng	0.00
87) Perylene-d12	25.08	264	250896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	142247	55.20	ng	0.00
7) Phenol-d6	7.23	99	128078	34.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	278213	76.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143050	103.77	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	611538	73.71	ng	0.00
79) Terphenyl-d14	20.07	244	867747	84.43	ng	0.00

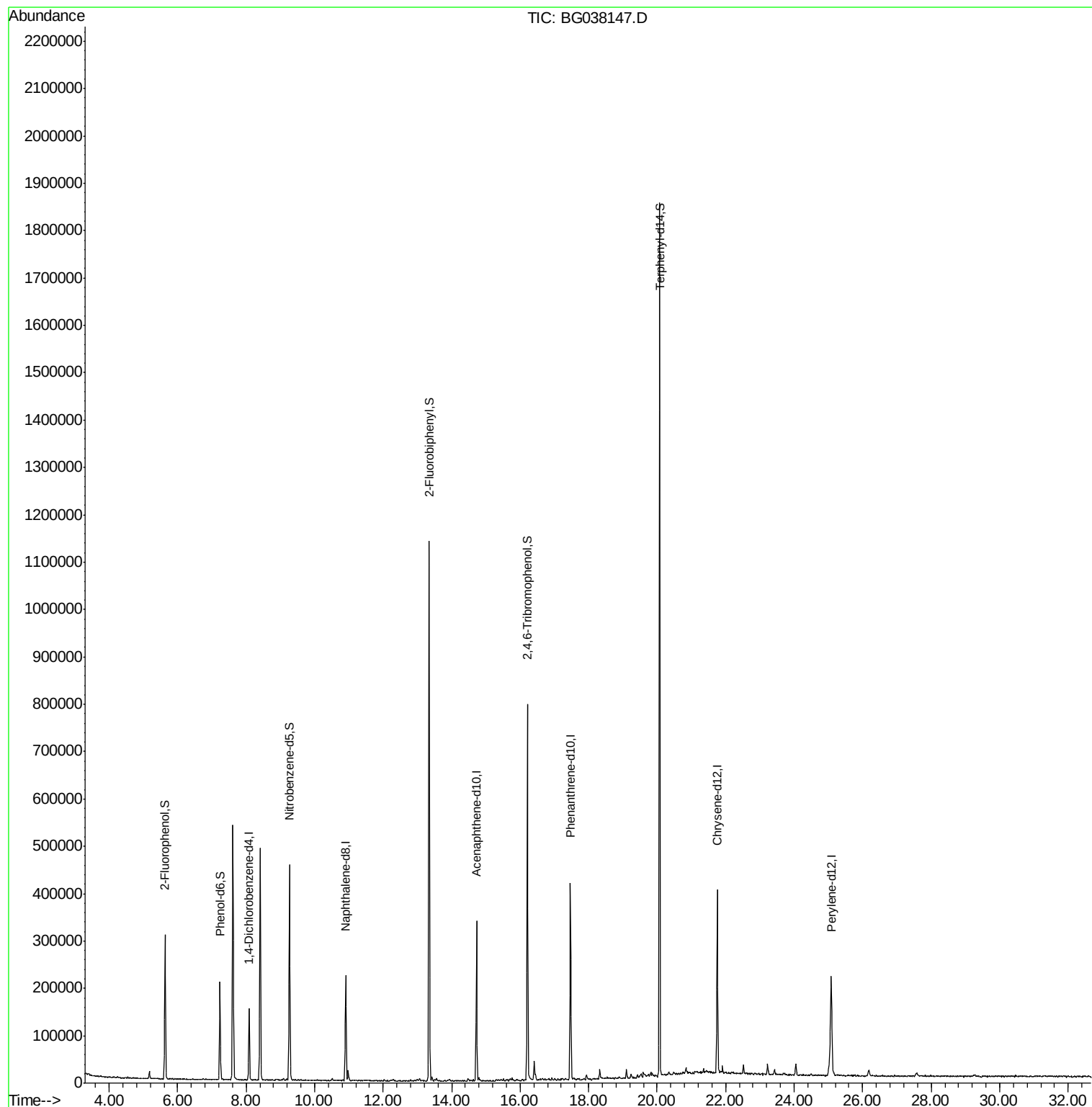
Target Compounds Qvalue

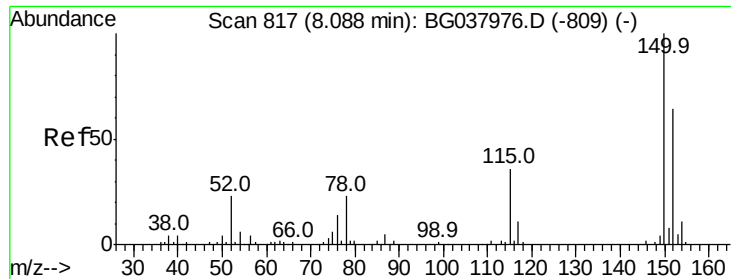
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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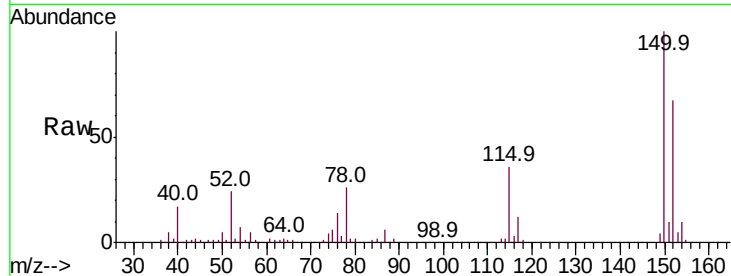


#1

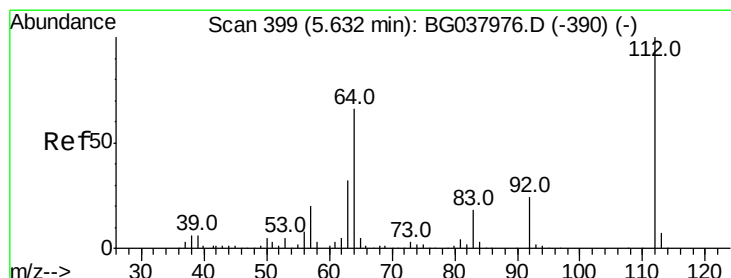
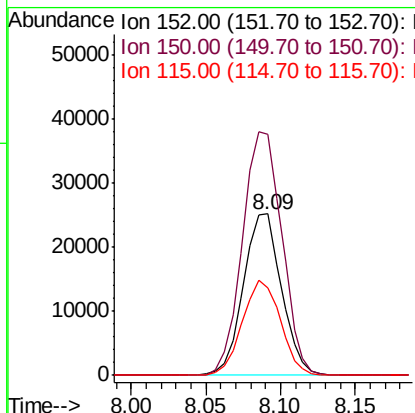
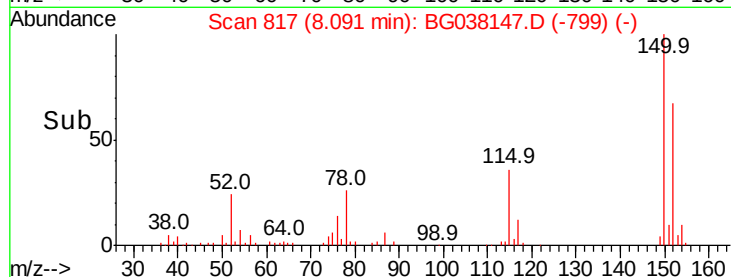
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038147.D
Acq: 26 Nov 2018 22:42

Instrument :
BNA_G
ClientSampleId :
MMTW-DUP

Tot Ion:152 Resp: 44494
Ion Ratio Lower Upper
152 100
150 149.9 126.0 189.0
115 54.2 45.5 68.3



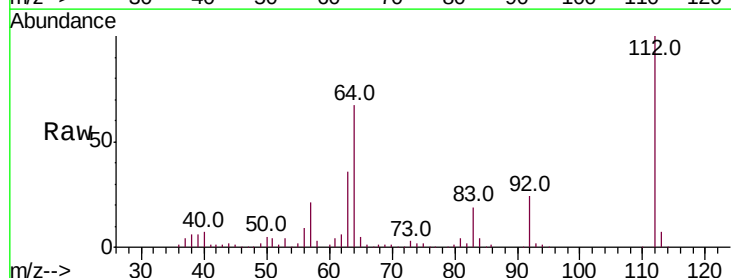
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



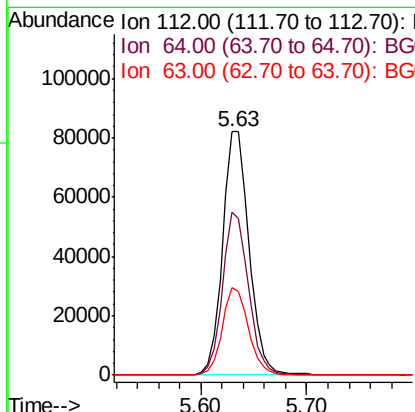
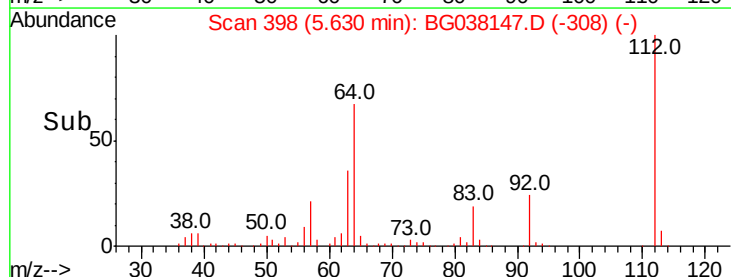
#5

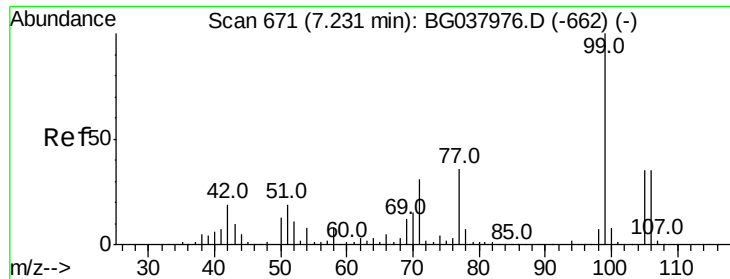
2-Fluorophenol
Concen: 55.198 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038147.D
Acq: 26 Nov 2018 22:42

Tgt Ion:112 Resp: 142247
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 35.7 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: 34.818 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

Instrument :

BNA_G

ClientSampleId :

MMTW-DUP

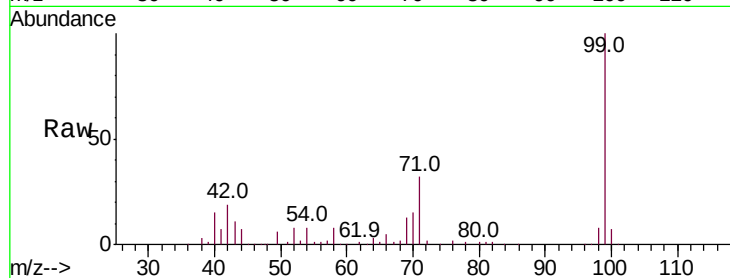
Tot Ion: 99 Resp: 128078

Ion Ratio Lower Upper

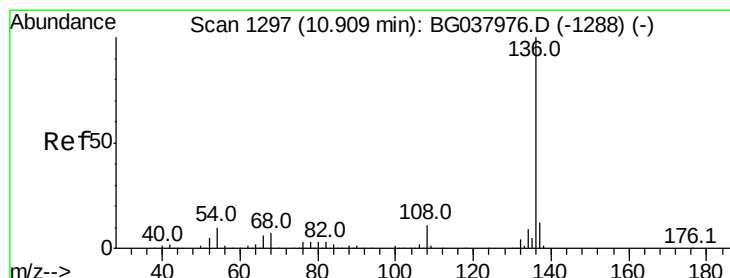
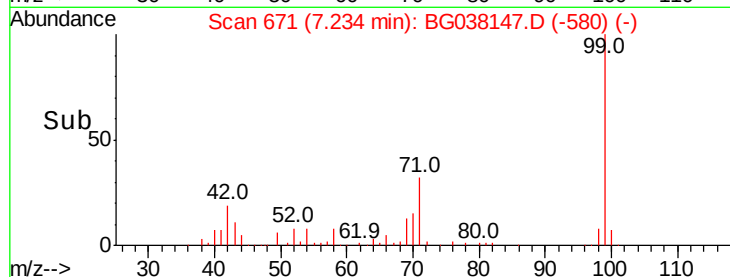
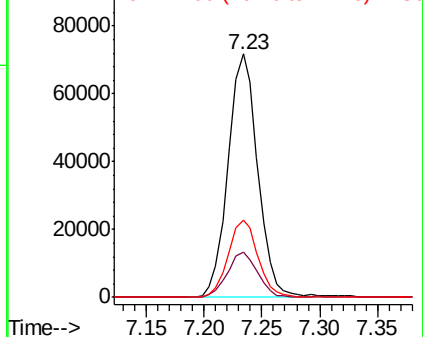
99 100

42 18.8 15.0 22.4

71 31.6 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: BG038147.D

Acq: 26 Nov 2018 22:42

Tgt Ion: 136 Resp: 195357

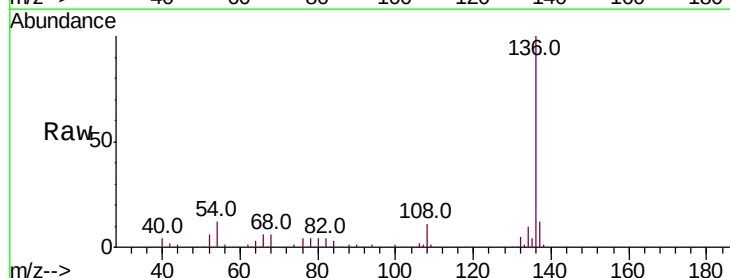
Ion Ratio Lower Upper

136 100

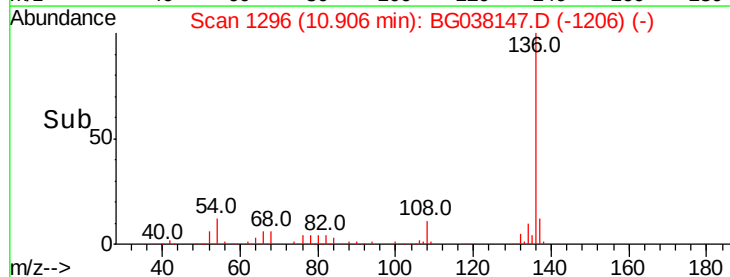
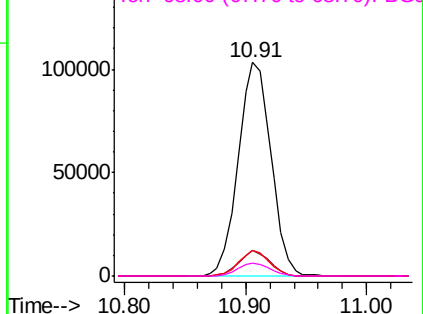
137 12.2 9.6 14.4

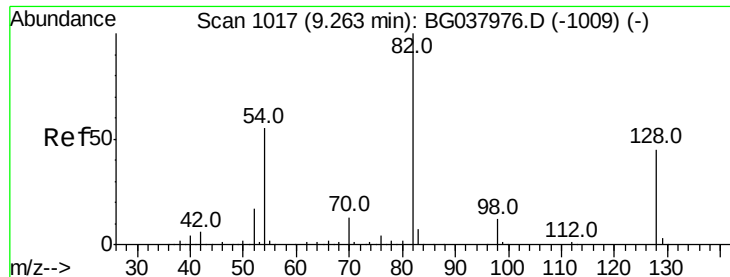
54 12.1 7.9 11.9#

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

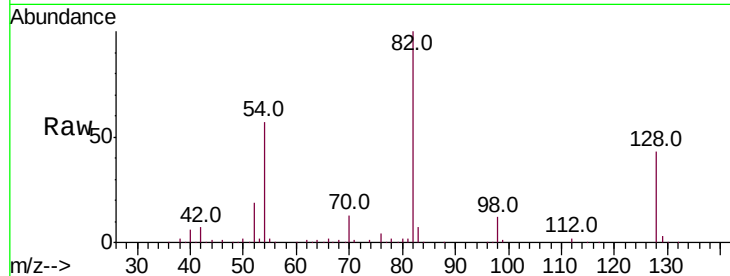




#23
Nitrobenzene-d5
Concen: 76.234 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038147.D
Acq: 26 Nov 2018 22:42

Instrument :
BNA_G
ClientSampleId :
MMTW-DUP

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	56.9	45.3	67.9

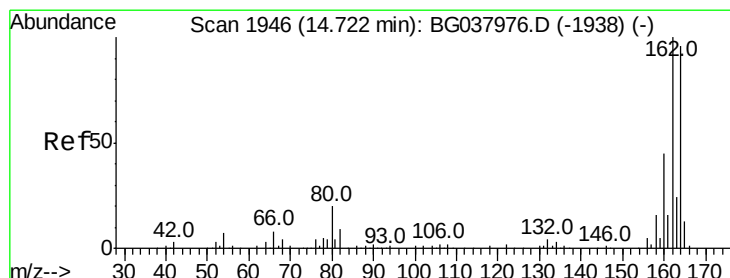
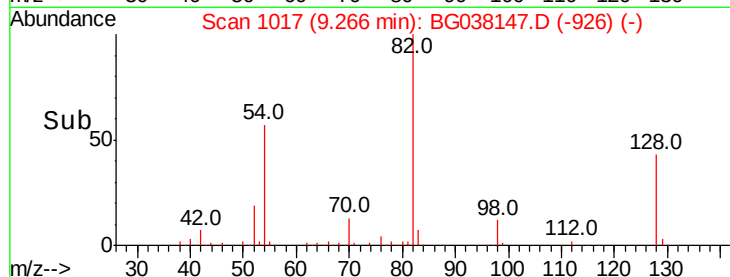
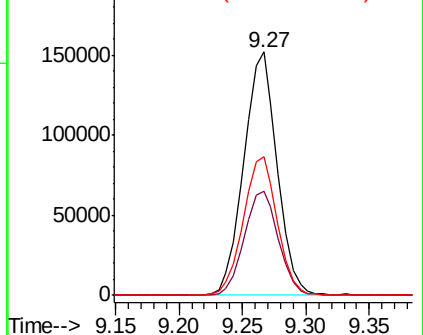


Abundance

Ion 82.00 (81.70 to 82.70): BGC

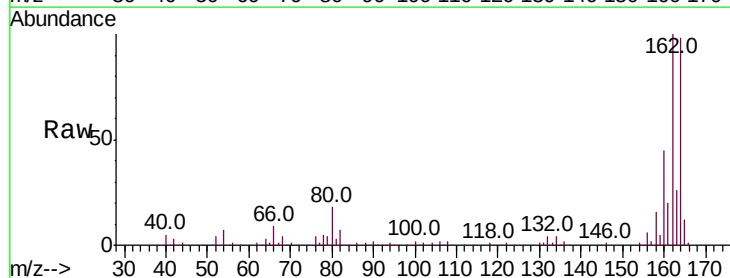
Ion 128.00 (127.70 to 128.70): BGC

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: BG038147.D
Acq: 26 Nov 2018 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	45.5	36.3	54.5

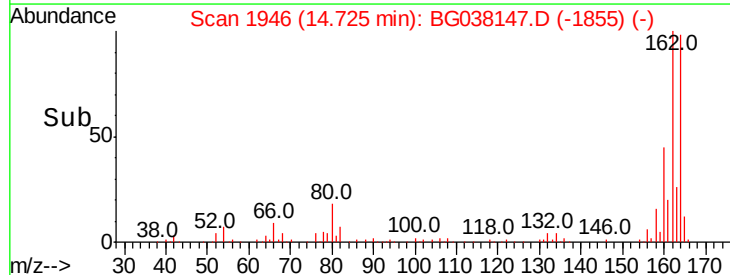
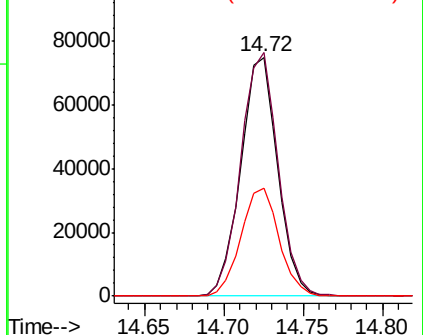


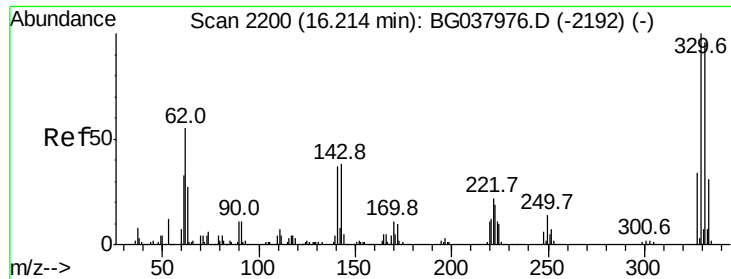
Abundance

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

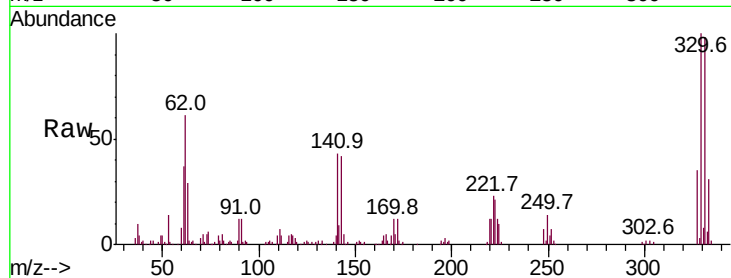




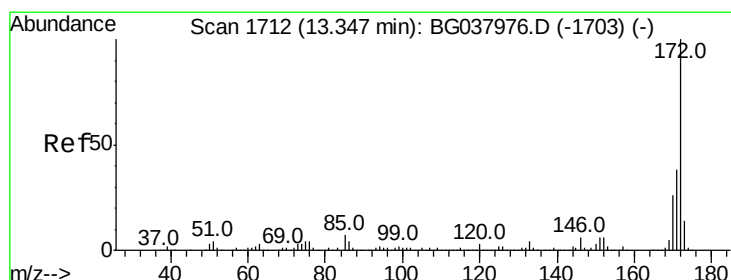
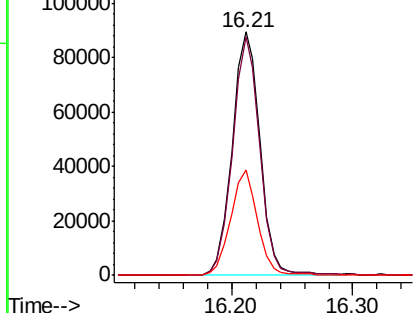
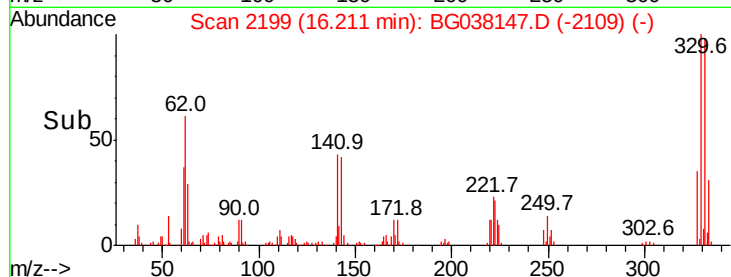
#42
 2,4,6-Tribromophenol
 Concen: 103.774 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-DUP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	41.9	32.2	48.2

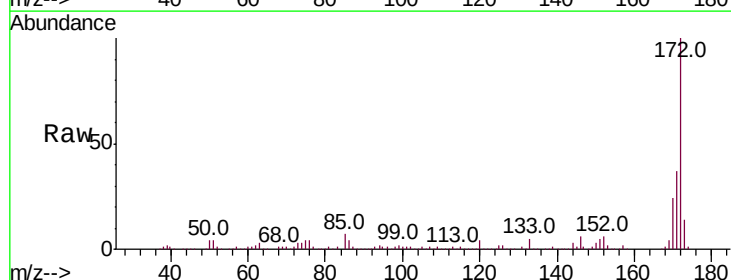


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

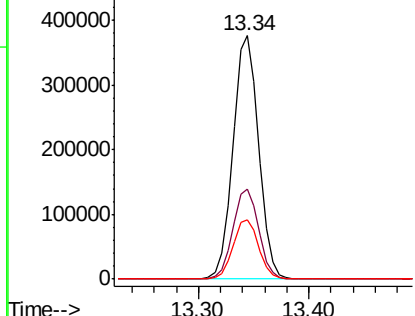
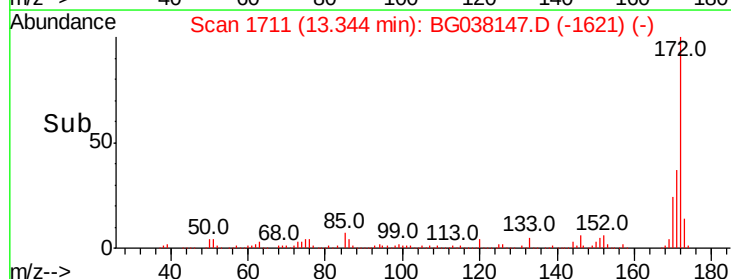


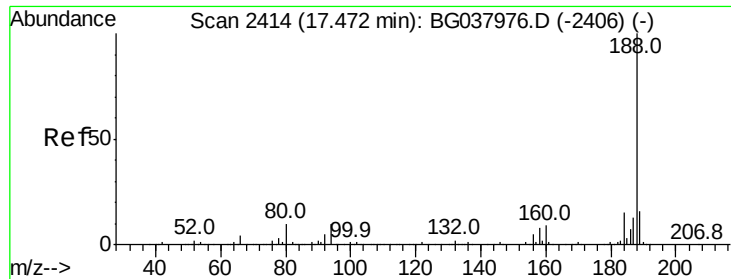
#45
 2-Fluorobiphenyl
 Concen: 73.710 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.4	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

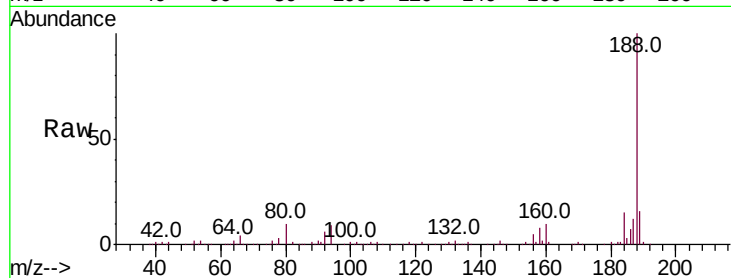




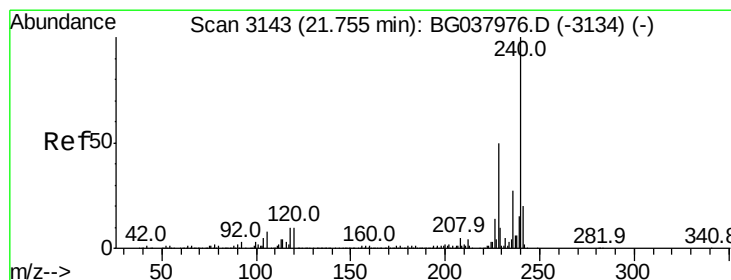
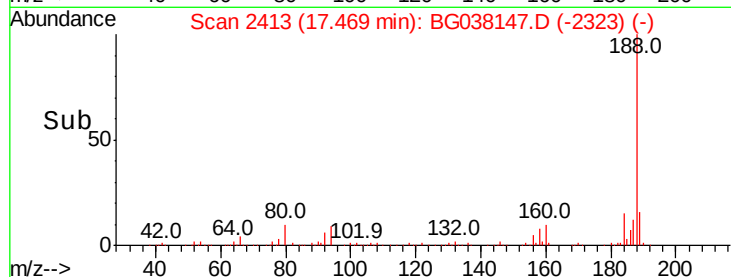
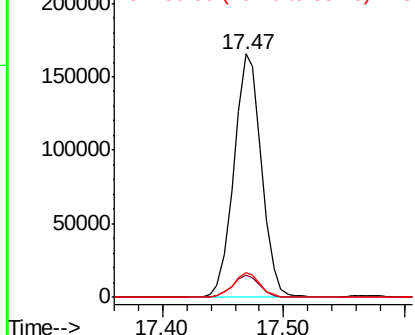
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038147.D
Acq: 26 Nov 2018 22:42

Instrument :
BNA_G
ClientSampleId :
MMTW-DUP

Tot Ion:188 Resp: 262216
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.3 7.7 11.5

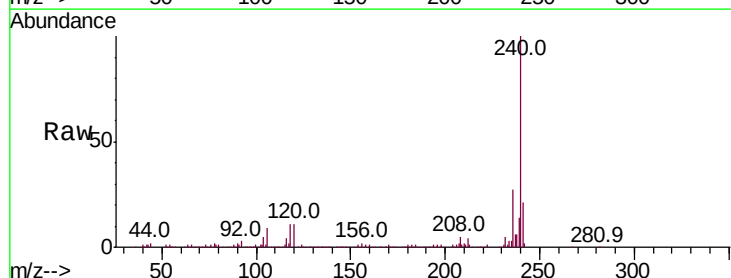


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

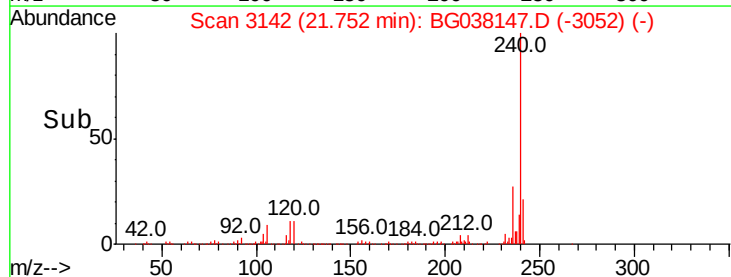
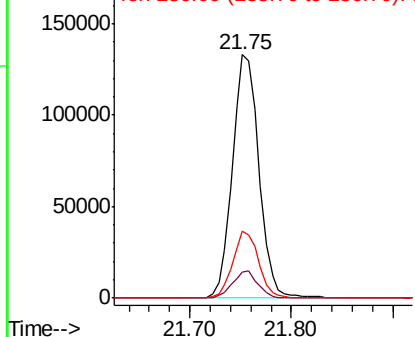


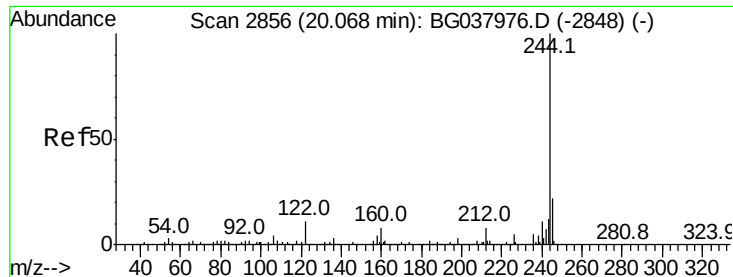
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038147.D
Acq: 26 Nov 2018 22:42

Tgt Ion:240 Resp: 241825
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.3 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: 84.434 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

Instrument :

BNA_G

ClientSampleId :

MMTW-DUP

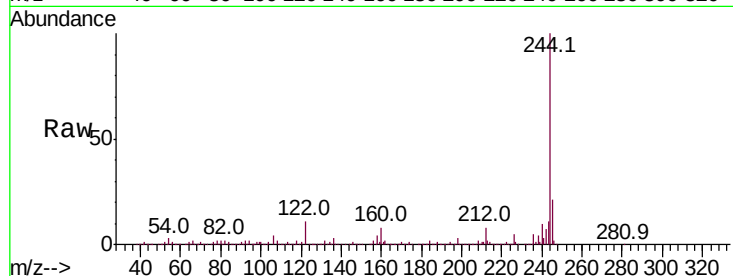
Tot Ion:244 Resp: 867747

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

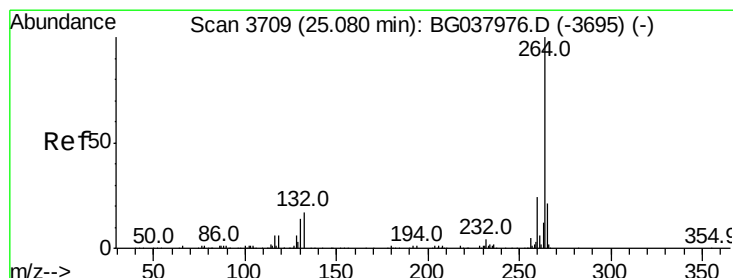
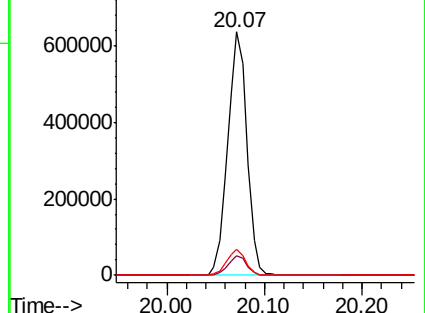
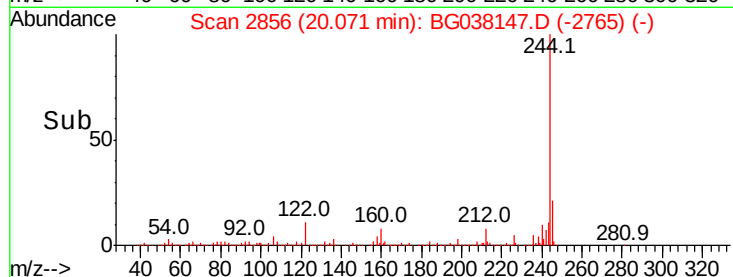
122 10.7 9.0 13.4



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: BG038147.D

Acq: 26 Nov 2018 22:42

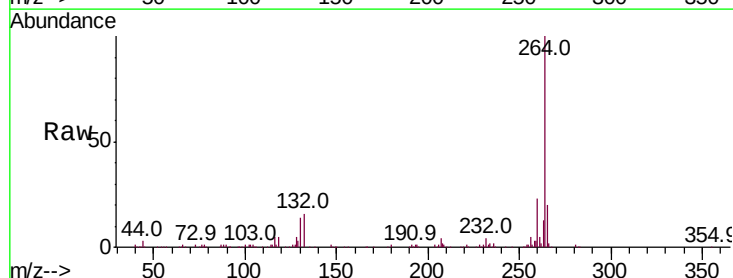
Tgt Ion:264 Resp: 250896

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 20.4 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

