

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038105.D
 Acq On : 21 Nov 2018 5:17
 Operator : JU/SJ
 Sample : J5775-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111918

Quant Time: Nov 21 07:27:22 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	38793	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	169714	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106452	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	241897	20.00	ng	0.00
76) Chrysene-d12	21.75	240	235760	20.00	ng	0.00
87) Perylene-d12	25.08	264	223030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	259495	115.49	ng	0.00
7) Phenol-d6	7.23	99	326295	101.74	ng	0.00
23) Nitrobenzene-d5	9.26	82	266136	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	111883	92.16	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	584444	79.98	ng	0.00
79) Terphenyl-d14	20.07	244	932779	93.10	ng	0.00

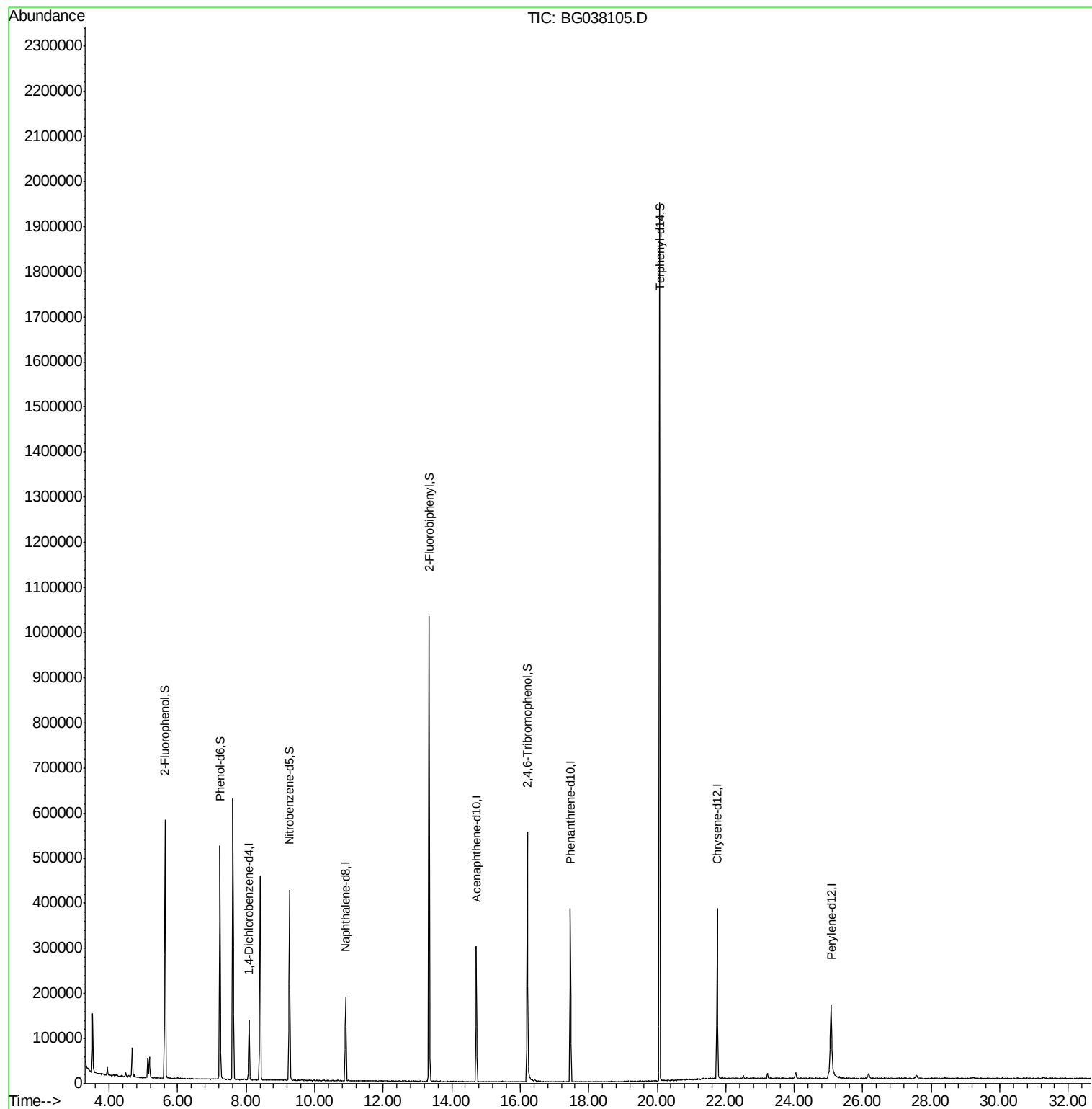
Target Compounds Qvalue

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

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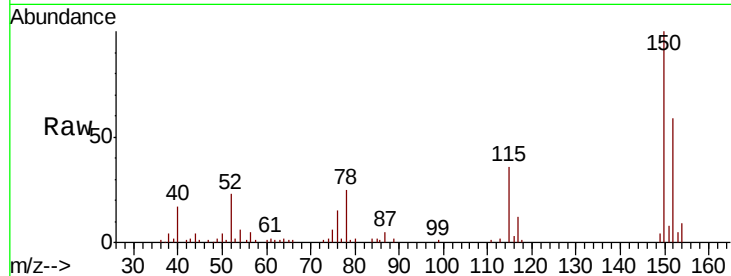


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

Instrument :
BNA_G
ClientSampleId :
TR-05-111918

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.2	126.0	189.0
115	60.2	45.5	68.3

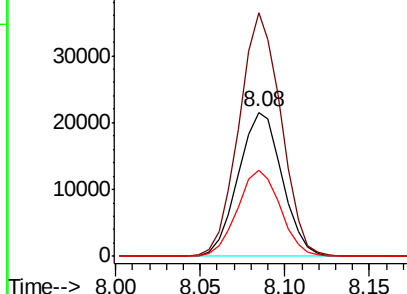
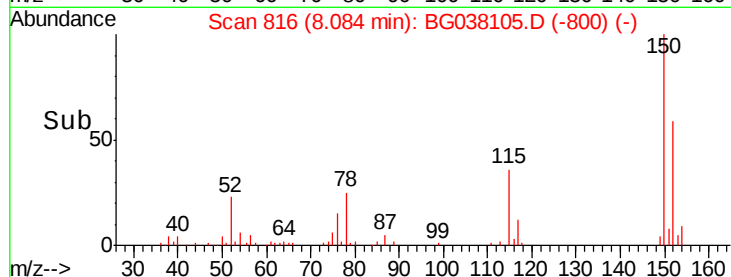


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

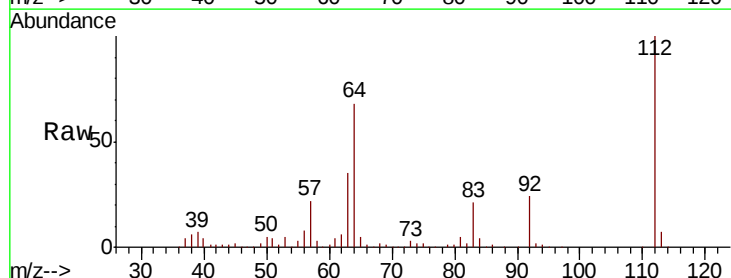
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.494 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	53.1	79.7
63	34.8	27.3	40.9

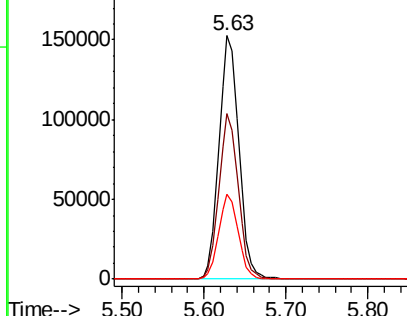
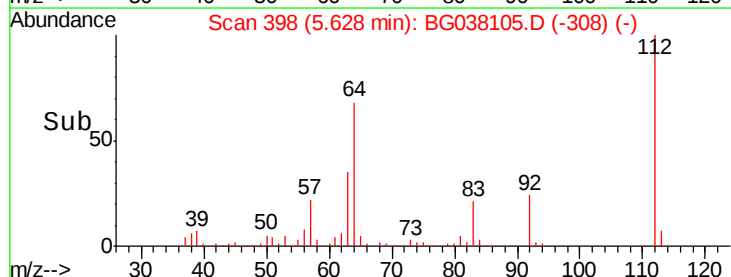


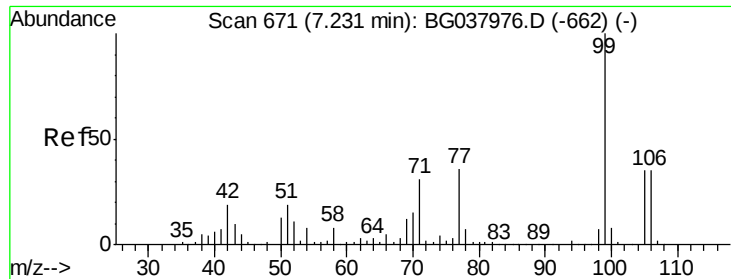
Abundance

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: 101.738 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038105.D

Acq: 21 Nov 2018 5:17

Instrument :

BNA_G

ClientSampleId :

TR-05-111918

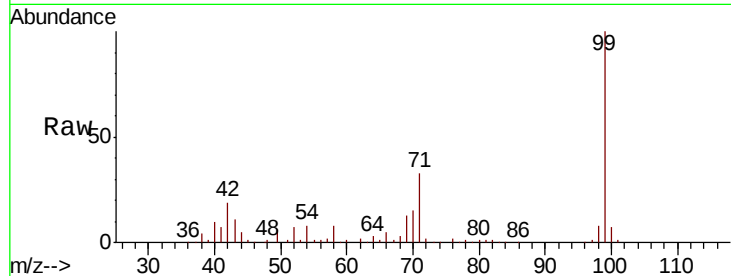
Tot Ion: 99 Resp: 326295

Ion Ratio Lower Upper

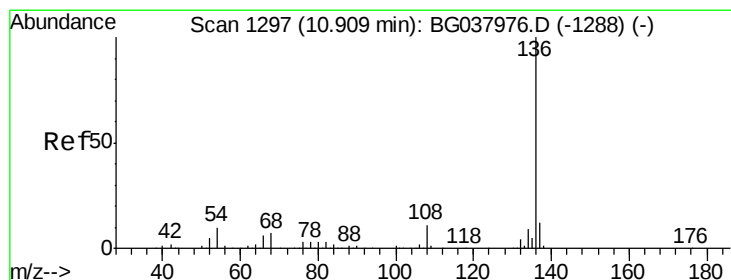
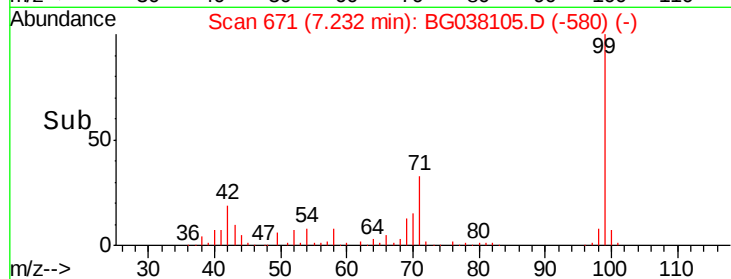
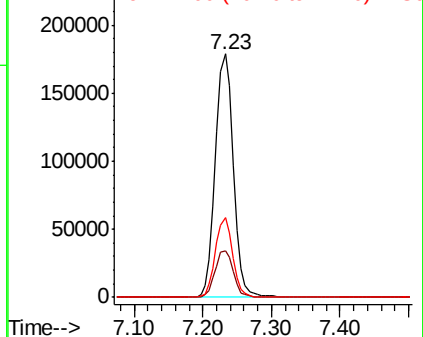
99 100

42 19.2 15.0 22.4

71 32.9 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: BG038105.D

Acq: 21 Nov 2018 5:17

Tgt Ion: 136 Resp: 169714

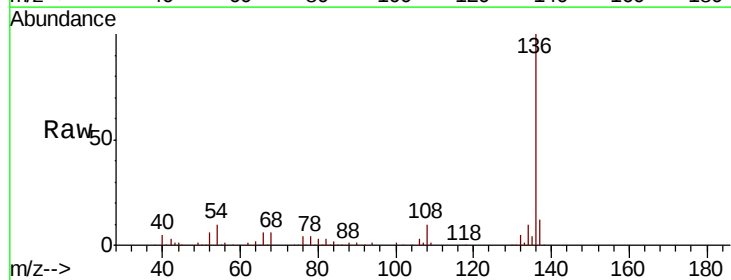
Ion Ratio Lower Upper

136 100

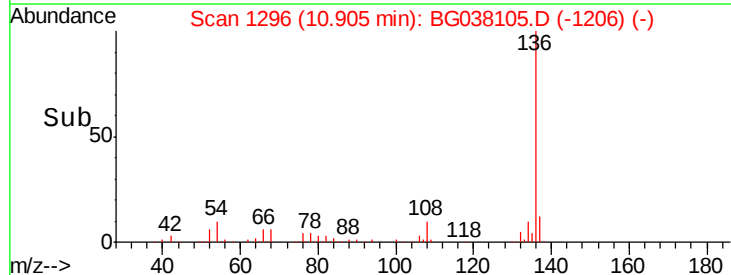
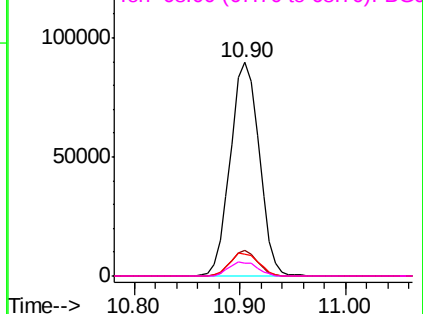
137 11.8 9.6 14.4

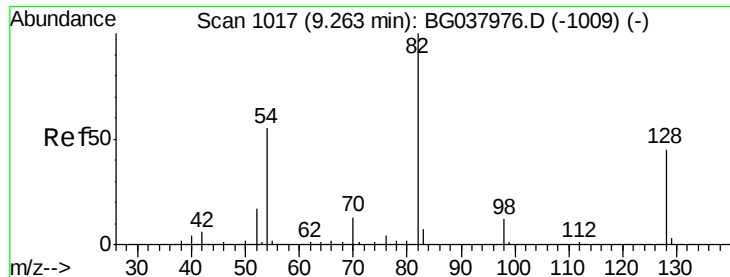
54 10.3 7.9 11.9

68 5.9 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

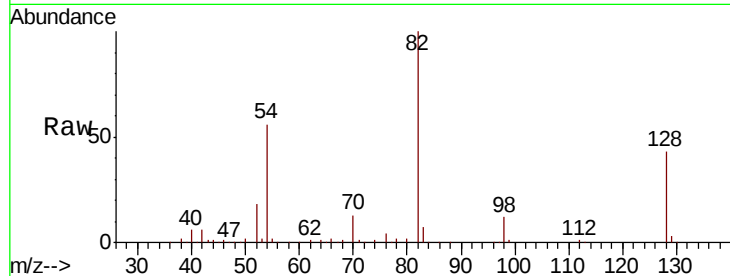




#23
Nitrobenzene-d5
Concen: 83.943 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

Instrument :
BNA_G
ClientSampleId :
TR-05-111918

Tot Ion	82	Resp	266136
Ion Ratio	100	Lower	Upper
128	43.0	34.6	51.8
54	56.2	45.3	67.9

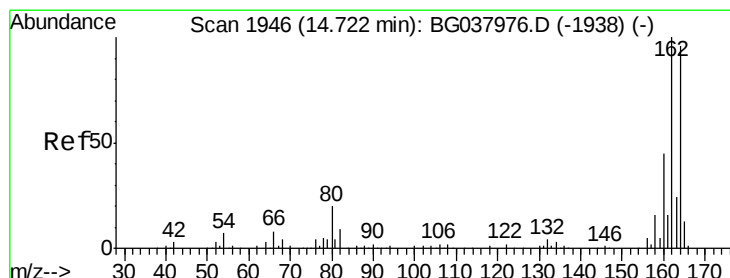
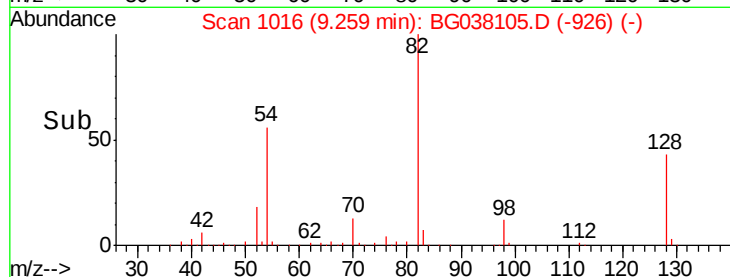
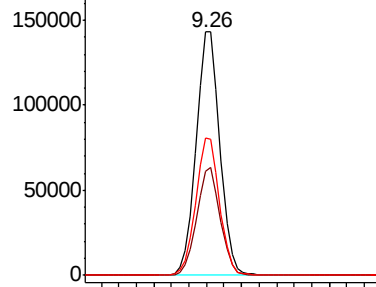


Abundance

Ion 82.00 (81.70 to 82.70): BGC

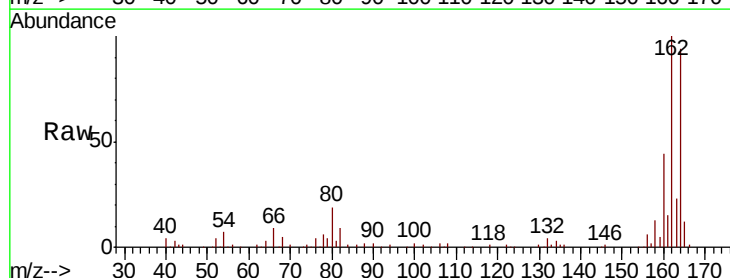
Ion 128.00 (127.70 to 128.70): BGC

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: BG038105.D
Acq: 21 Nov 2018 5:17

Tgt Ion	164	Resp	106452
Ion Ratio	100	Lower	Upper
162	106.8	81.3	121.9
160	46.6	36.3	54.5

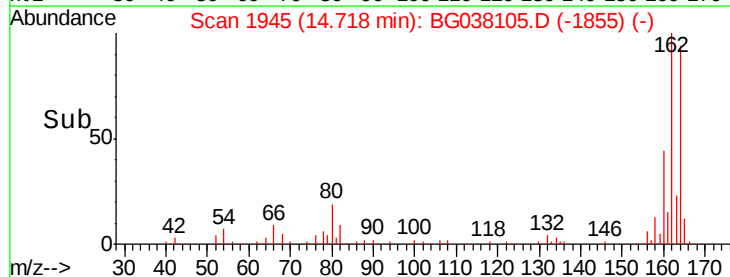
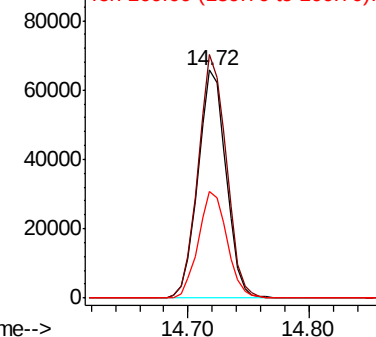


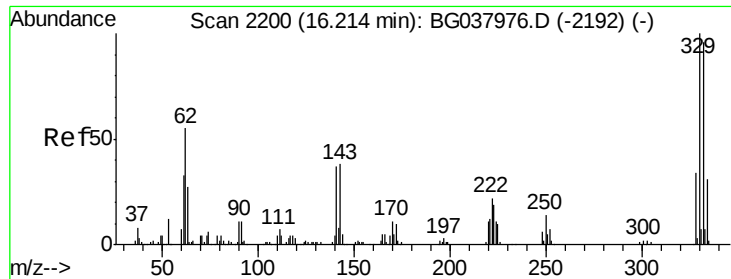
Abundance

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

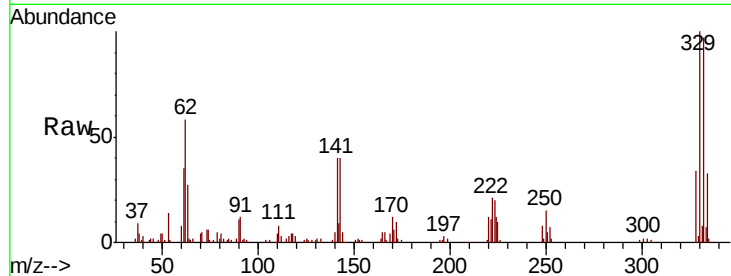




#42
 2,4,6-Tribromophenol
 Concen: 92.156 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111918

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	40.4	32.2	48.2

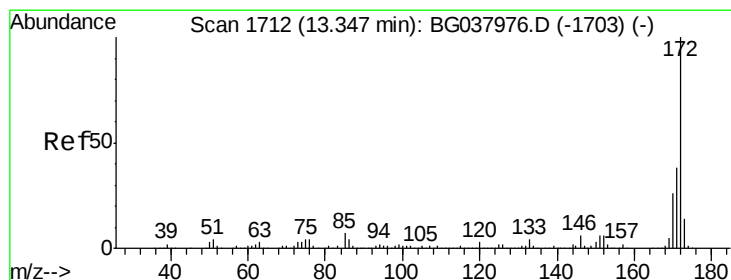
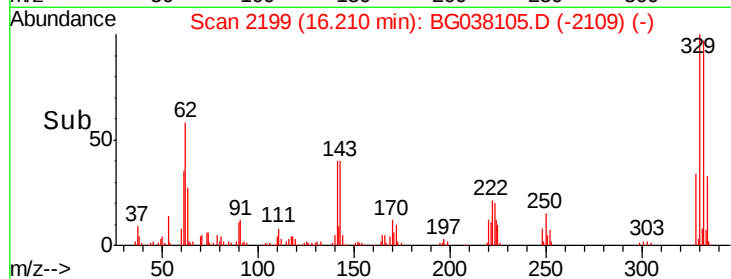
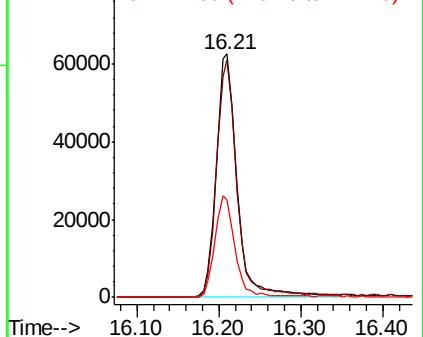


Abundance

Ion 329.80 (329.50 to 330.50): E

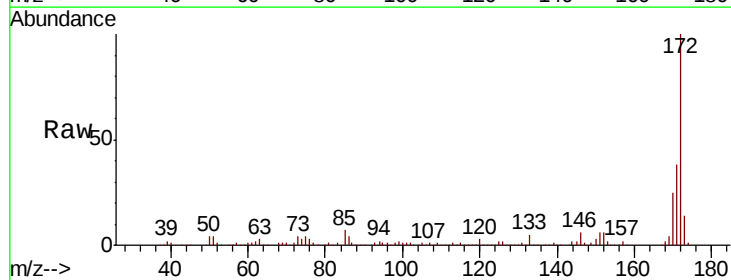
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.984 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.1	20.2	30.2

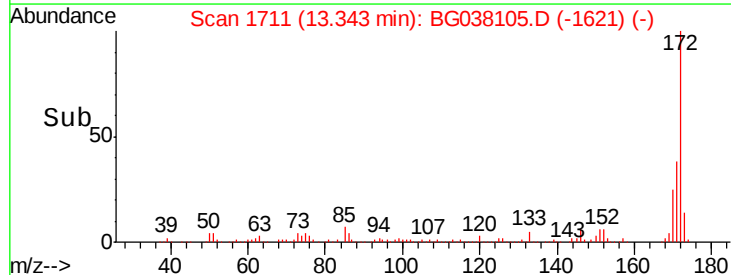
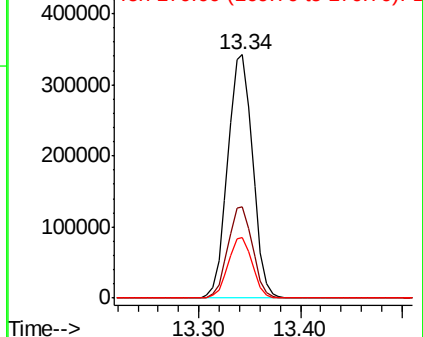


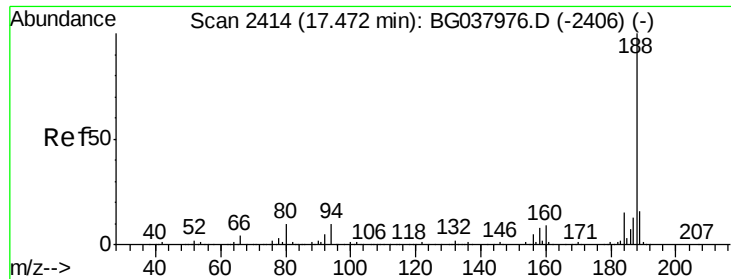
Abundance

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: BG038105.D

Acq: 21 Nov 2018 5:17

Instrument :

BNA_G

ClientSampleId :

TR-05-111918

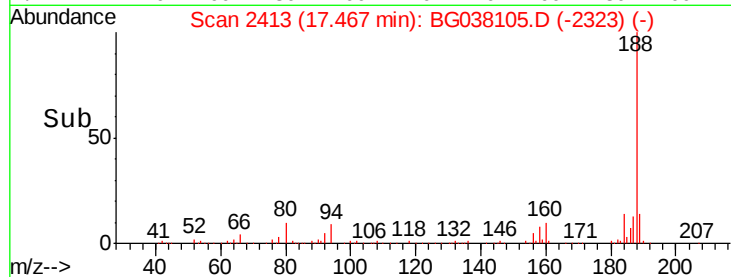
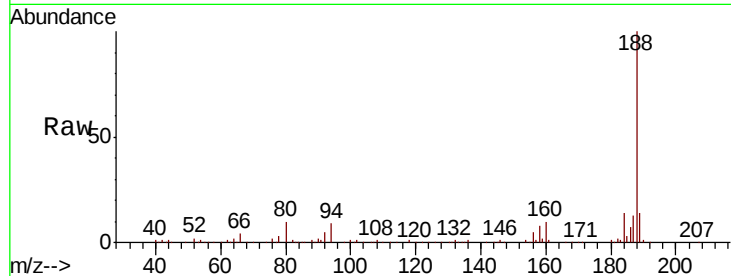
Tot Ion:188 Resp: 241897

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

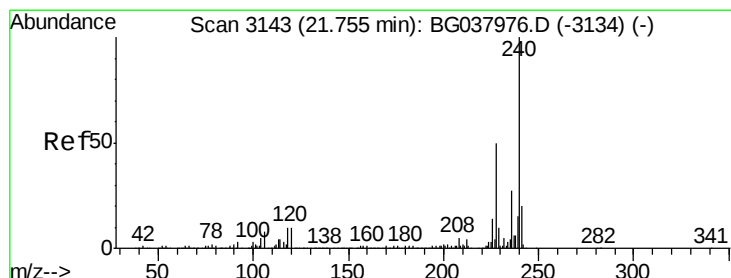
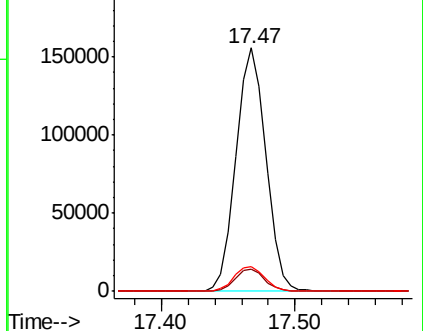
80 10.1 7.7 11.5



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: BG038105.D

Acq: 21 Nov 2018 5:17

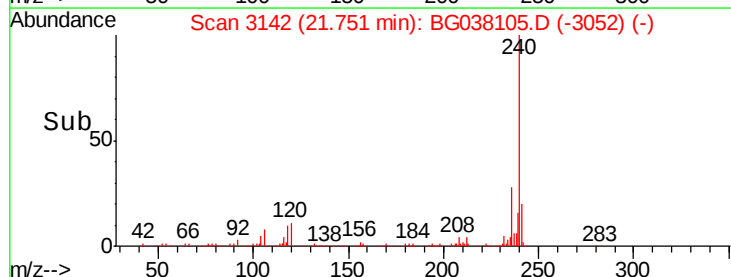
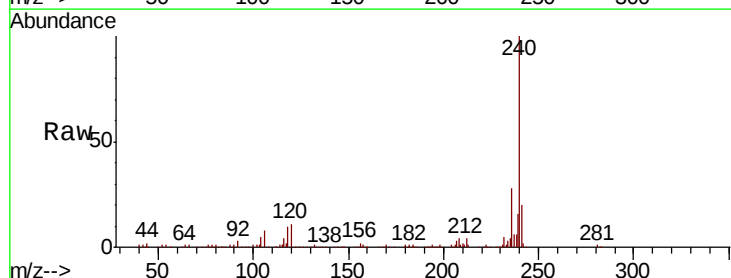
Tgt Ion:240 Resp: 235760

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

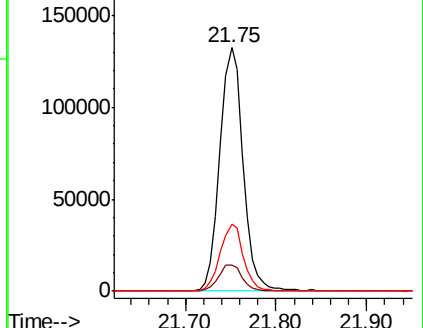
236 27.5 21.4 32.0

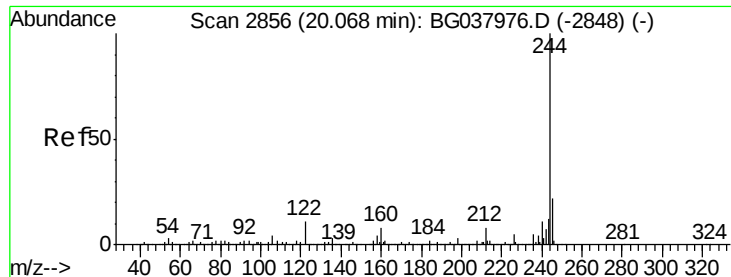


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.096 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038105.D

Acq: 21 Nov 2018 5:17

Instrument :

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ClientSampleId :

TR-05-111918

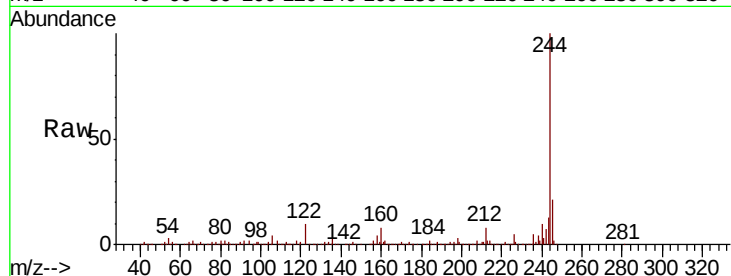
Tot Ion:244 Resp: 932779

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

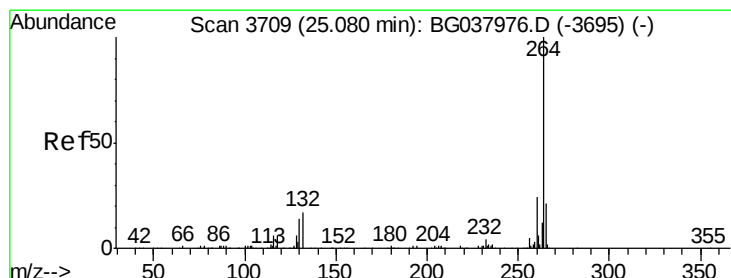
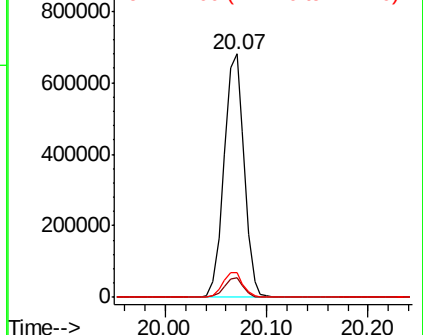
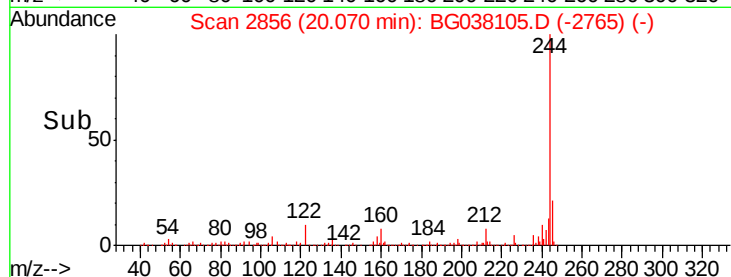
122 10.1 9.0 13.4



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: BG038105.D

Acq: 21 Nov 2018 5:17

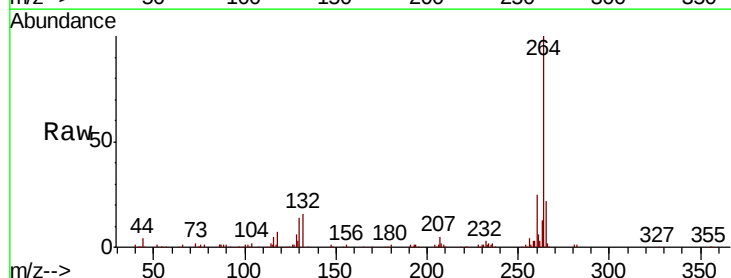
Tgt Ion:264 Resp: 223030

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 21.9 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

