

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038079.D
 Acq On : 20 Nov 2018 2:33
 Operator : JU/SJ
 Sample : PB114916BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BL

Quant Time: Nov 20 06:00:55 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	44856	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	190411	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	123099	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	286989	20.00	ng	0.00
76) Chrysene-d12	21.75	240	276405	20.00	ng	0.00
87) Perylene-d12	25.08	264	275526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	375666	144.60	ng	0.00
7) Phenol-d6	7.24	99	530168	142.96	ng	0.00
23) Nitrobenzene-d5	9.27	82	326392	91.76	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	181519	129.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	760016	89.95	ng	0.00
79) Terphenyl-d14	20.07	244	1150850	97.97	ng	0.00

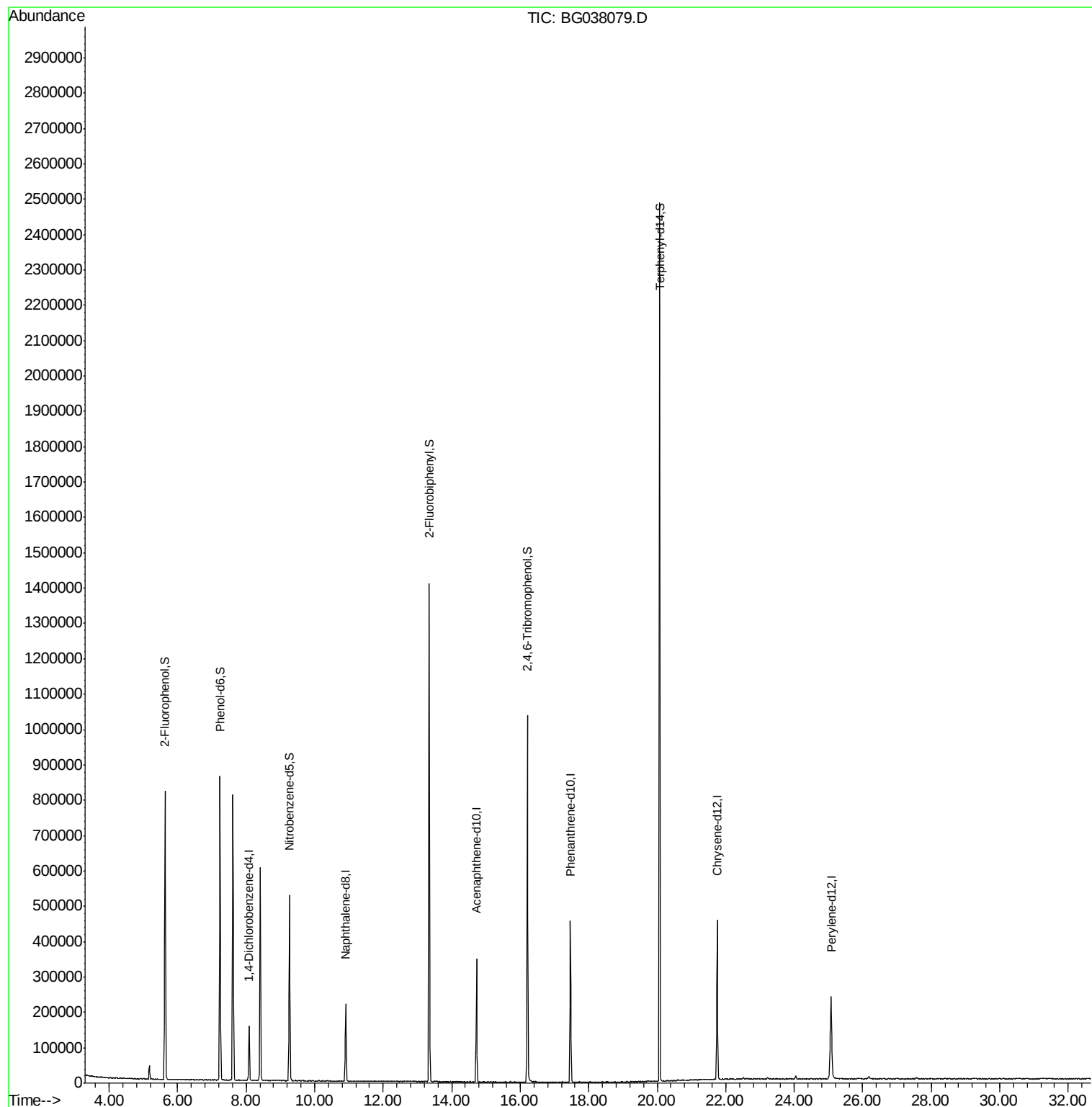
Target Compounds Qvalue

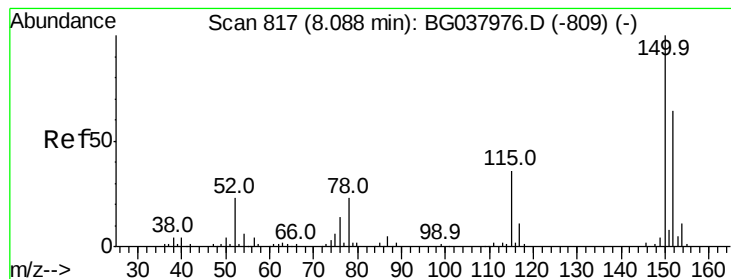
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038079.D

Acq: 20 Nov 2018 2:33

Instrument :

BNA_G

ClientSampleId :

PB114916BL

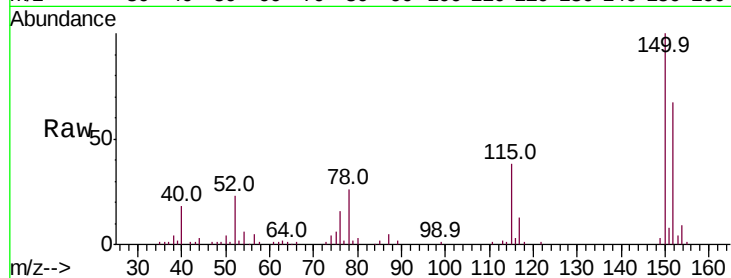
Tot Ion:152 Resp: 44856

Ion Ratio Lower Upper

152 100

150 149.8 126.0 189.0

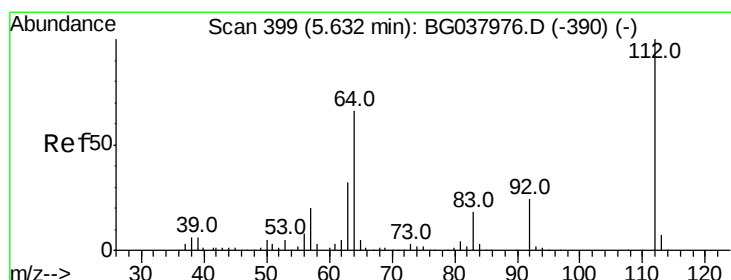
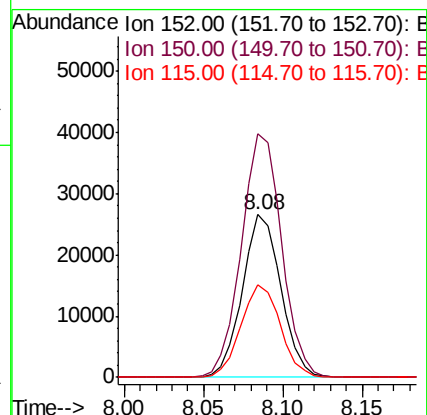
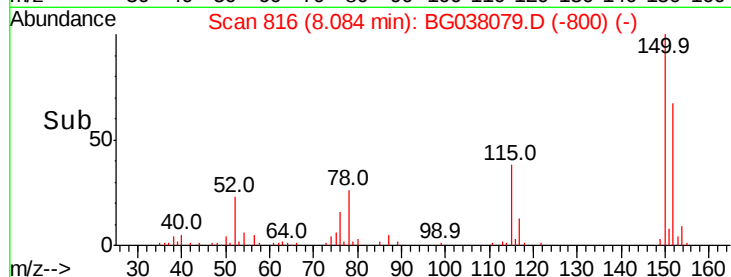
115 57.3 45.5 68.3



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: 144.599 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

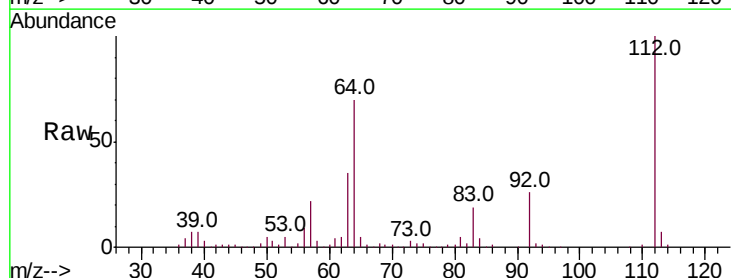
Tgt Ion:112 Resp: 375666

Ion Ratio Lower Upper

112 100

64 69.6 53.1 79.7

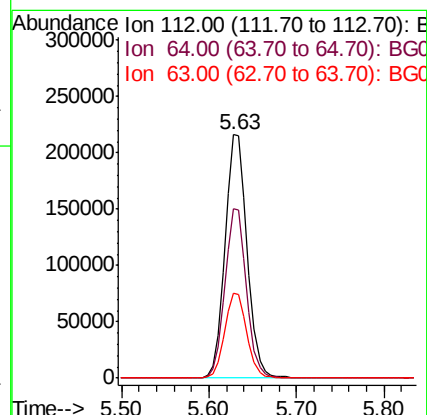
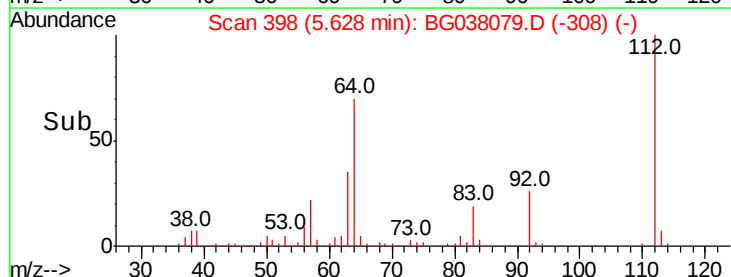
63 35.0 27.3 40.9



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: 142.961 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Instrument :

BNA_G

ClientSampleId :

PB114916BL

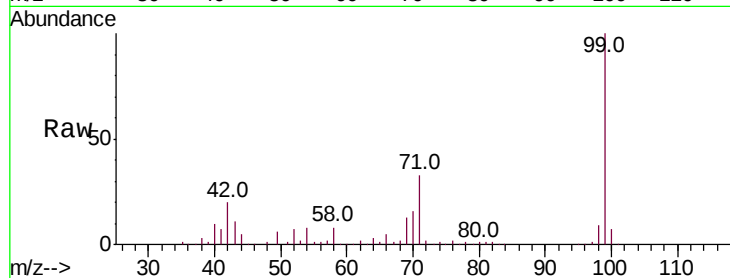
Tot Ion: 99 Resp: 530168

Ion Ratio Lower Upper

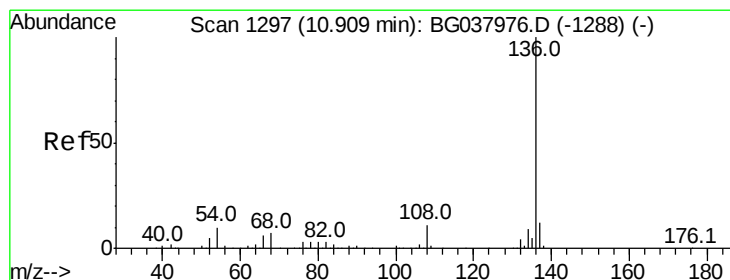
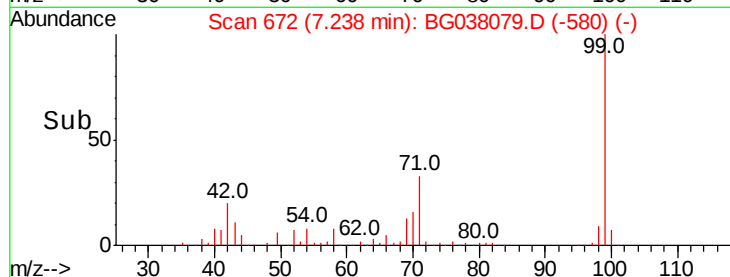
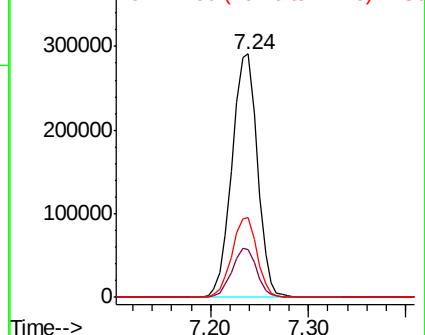
99 100

42 19.7 15.0 22.4

71 32.7 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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Tgt Ion: 136 Resp: 190411

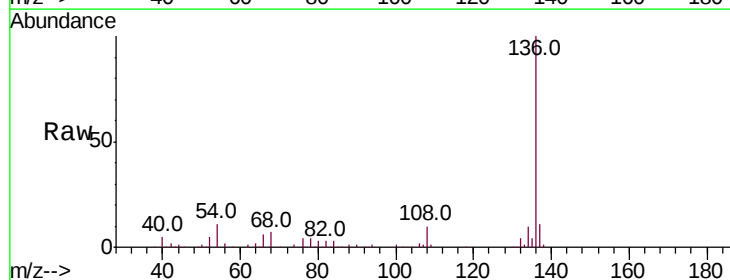
Ion Ratio Lower Upper

136 100

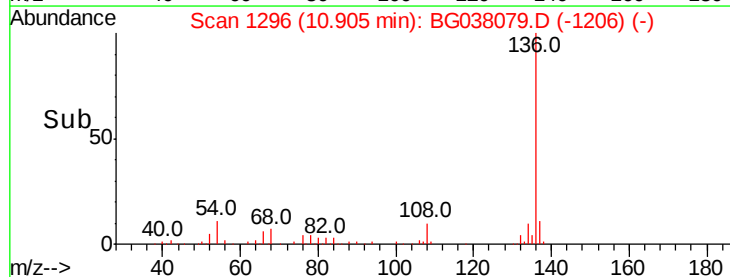
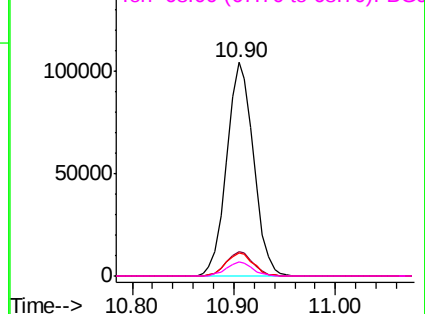
137 11.3 9.6 14.4

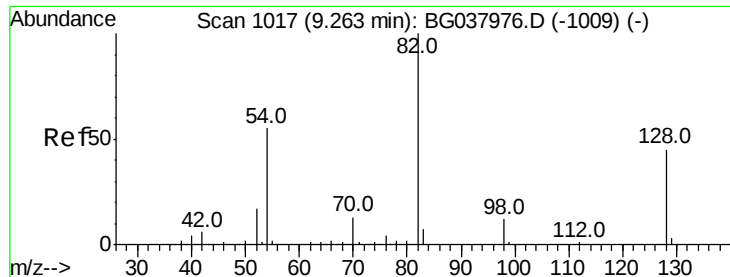
54 11.1 7.9 11.9

68 6.7 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

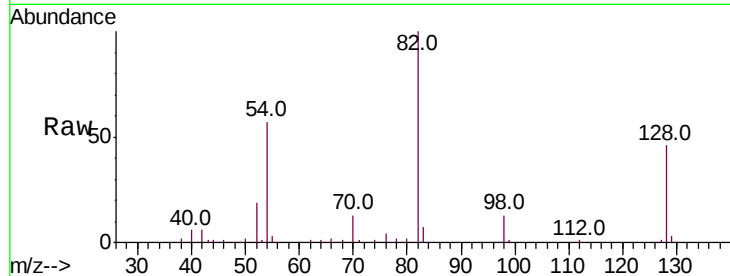




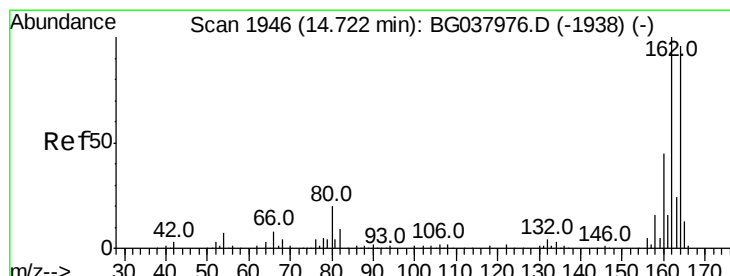
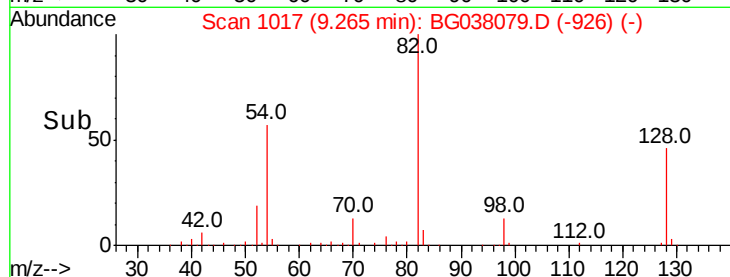
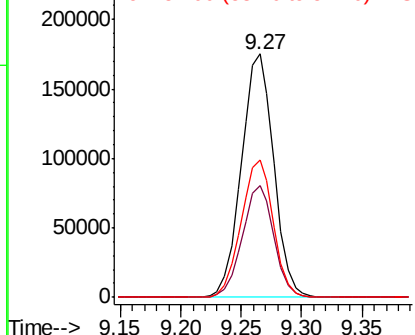
#23
Nitrobenzene-d5
Concen: 91.759 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Instrument :
BNA_G
ClientSampleId :
PB114916BL

Tot Ion: 82 Resp: 326392
Ion Ratio Lower Upper
82 100
128 45.9 34.6 51.8
54 56.6 45.3 67.9

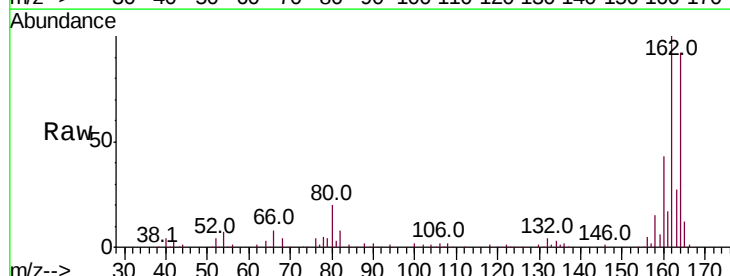


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

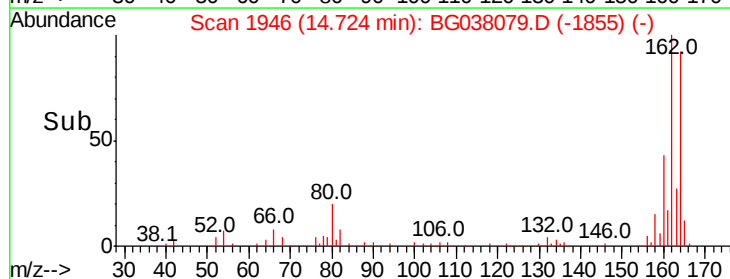
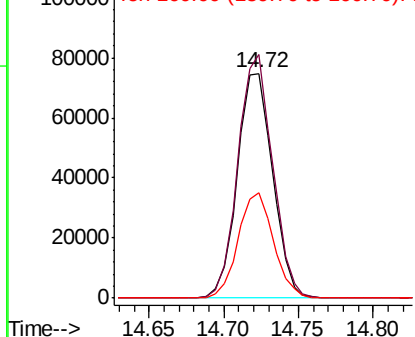


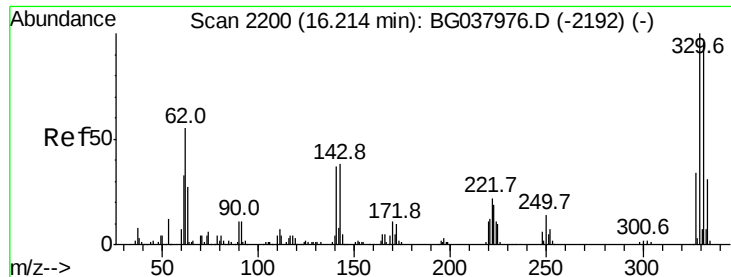
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Tgt Ion: 164 Resp: 123099
Ion Ratio Lower Upper
164 100
162 108.3 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

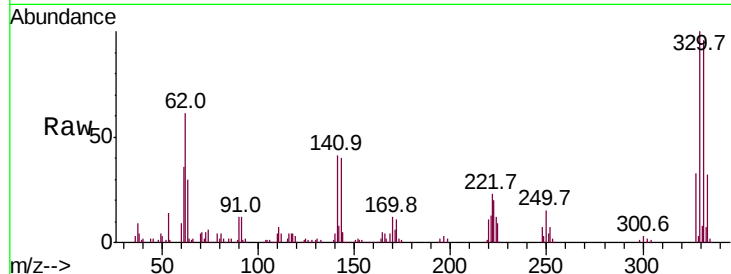




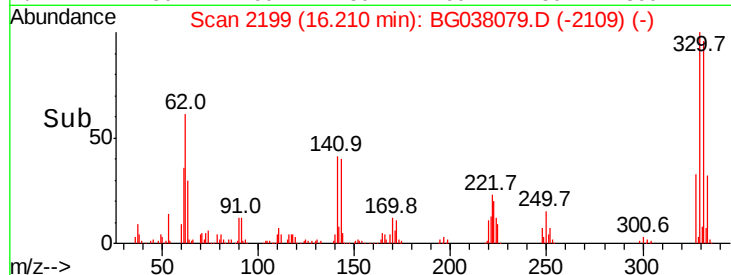
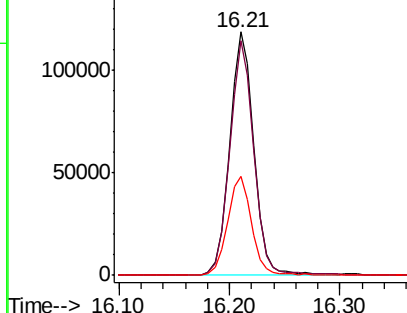
#42
 2,4,6-Tribromophenol
 Concen: 129.295 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038079.D
 Acq: 20 Nov 2018 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	41.0	32.2	48.2

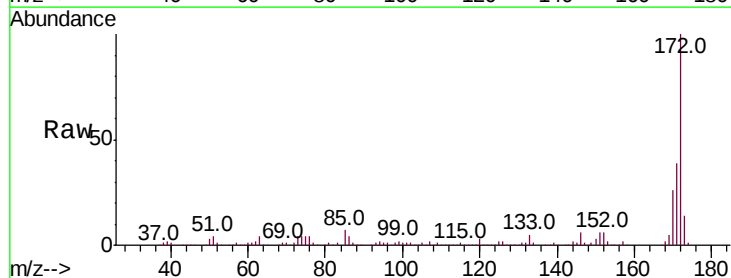


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

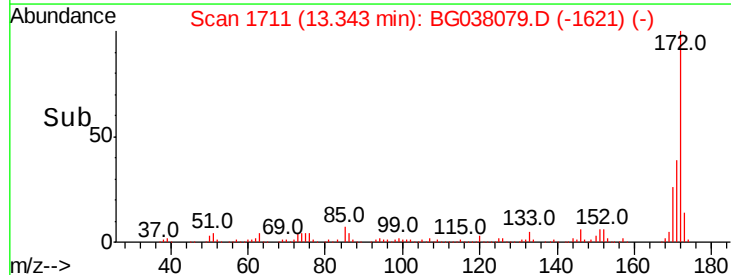
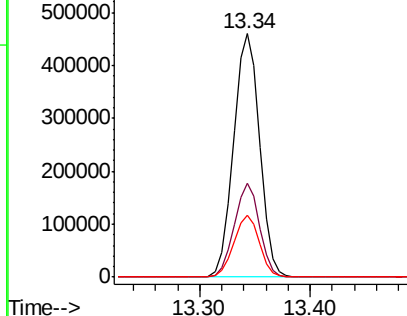


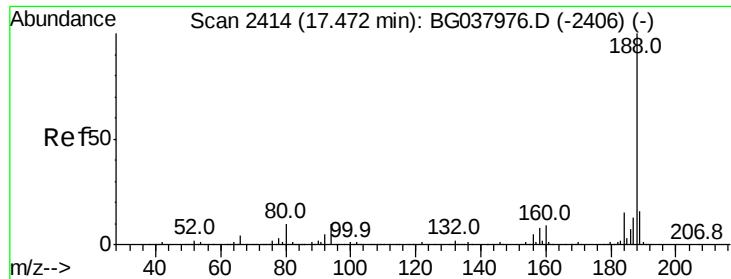
#45
 2-Fluorobiphenyl
 Concen: 89.946 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038079.D
 Acq: 20 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.6	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: BG038079.D

Acq: 20 Nov 2018 2:33

Instrument :

BNA_G

ClientSampleId :

PB114916BL

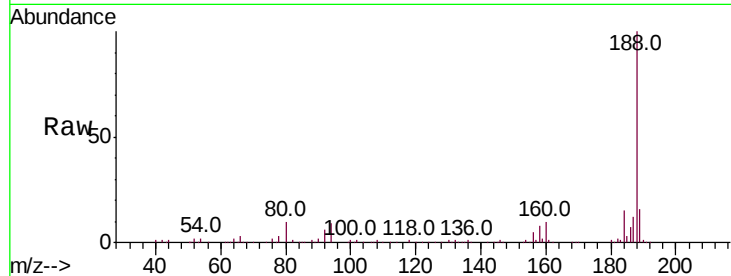
Tot Ion:188 Resp: 286989

Ion Ratio Lower Upper

188 100

94 8.9 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): BGC

Ion 80.00 (79.70 to 80.70): BGC

250000

200000

150000

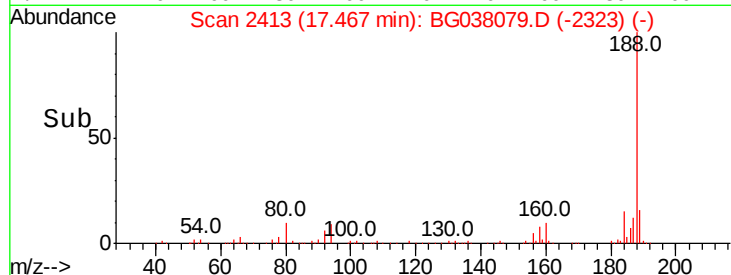
100000

50000

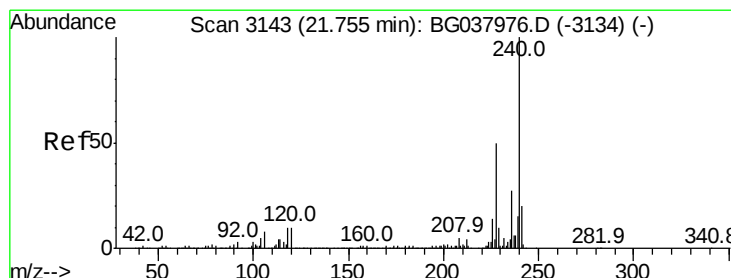
0

17.40

17.50



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

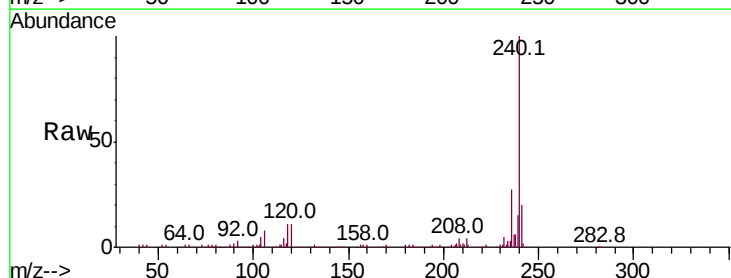
Tgt Ion:240 Resp: 276405

Ion Ratio Lower Upper

240 100

120 10.8 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

200000

150000

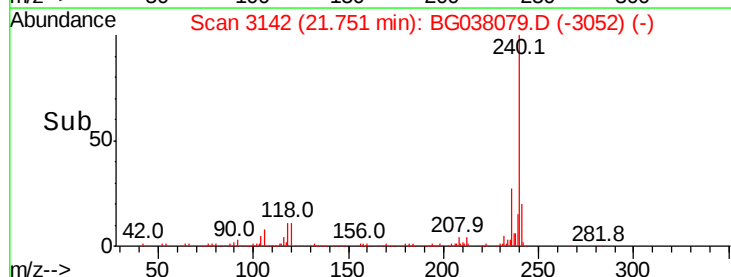
100000

50000

0

21.70

21.80



Time-->



#79

Terphenyl-d14

Concen: 97.971 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Instrument :

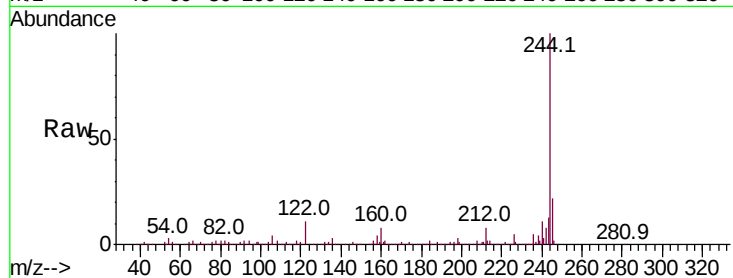
BNA_G

ClientSampleId :

PB114916BL

Tot Ion:244 Resp: 1150850

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.6	9.0	13.4

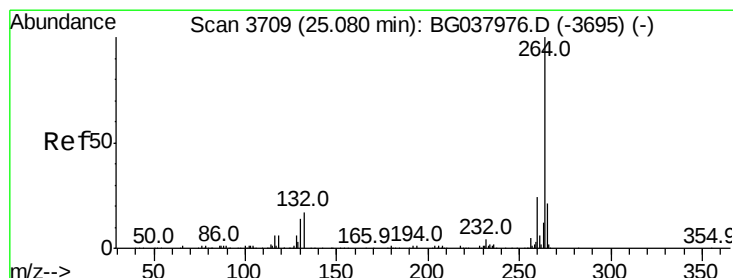
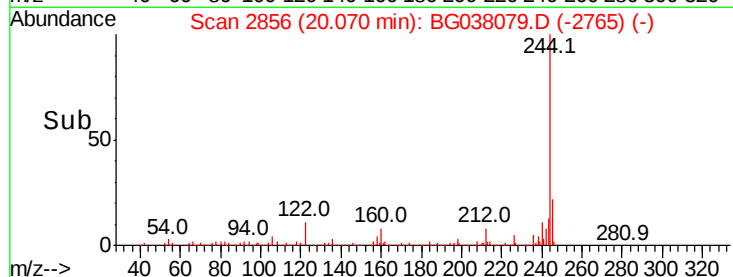
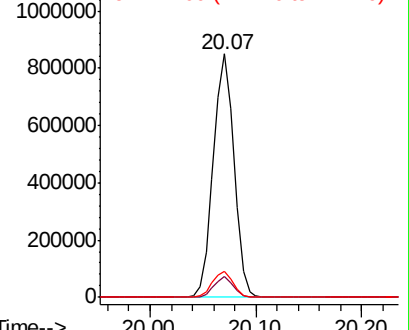


Abundance

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

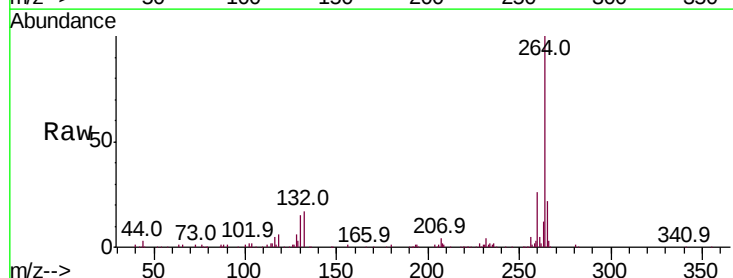
Delta R.T. -0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Tgt Ion:264 Resp: 275526

Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.2	27.4
265	22.3	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

