

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038097.D
 Acq On : 20 Nov 2018 22:44
 Operator : JU/SJ
 Sample : PB114966BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BL

Quant Time: Nov 21 04:06:50 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	40328	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	168769	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106957	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	250594	20.00	ng	0.00
76) Chrysene-d12	21.75	240	248145	20.00	ng	0.00
87) Perylene-d12	25.08	264	249809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	282449	120.93	ng	0.00
7) Phenol-d6	7.23	99	397316	119.17	ng	0.00
23) Nitrobenzene-d5	9.26	82	243646	77.28	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	130477	106.96	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	565382	77.01	ng	0.00
79) Terphenyl-d14	20.07	244	887698	84.18	ng	0.00

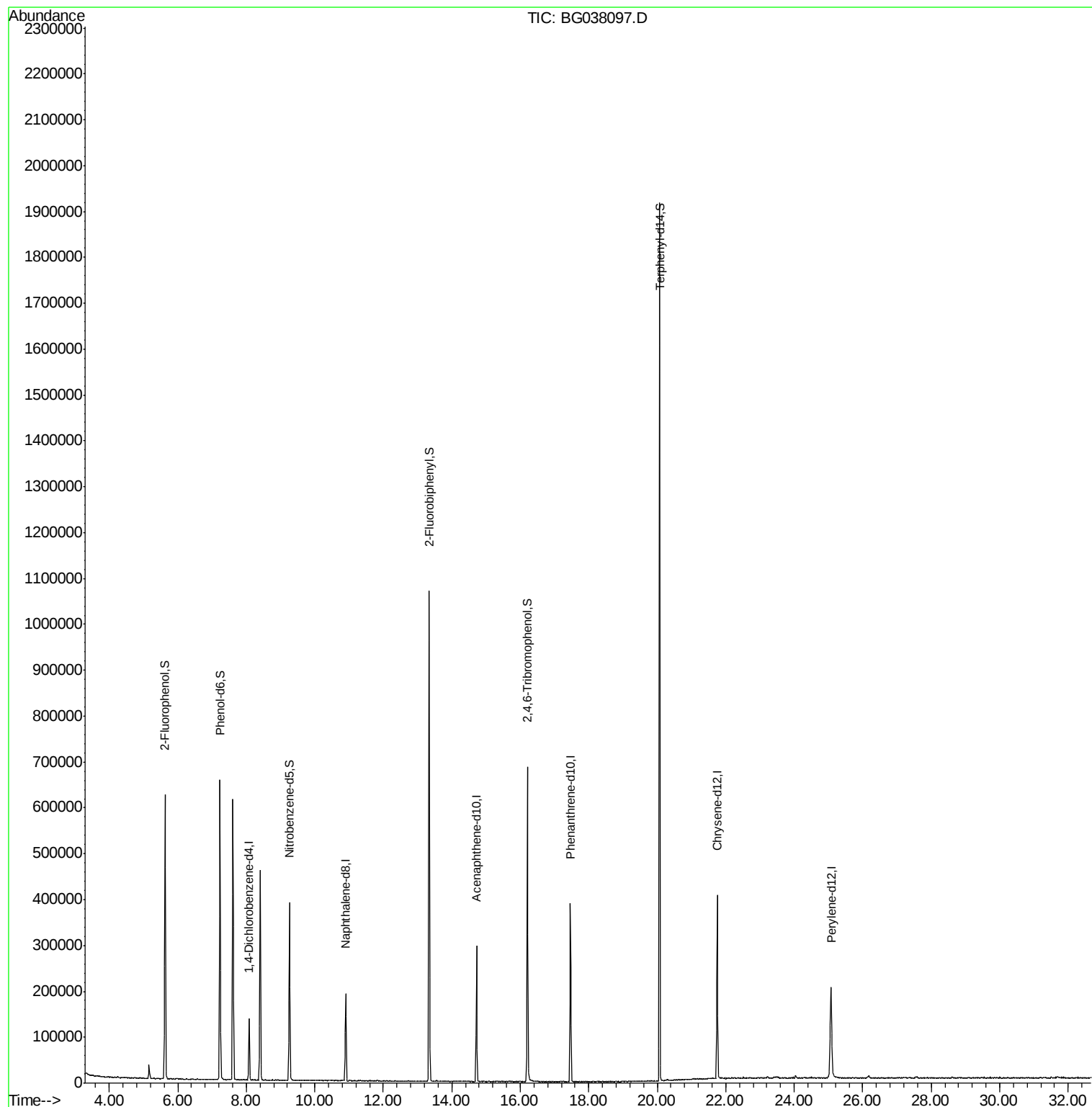
Target Compounds Qvalue

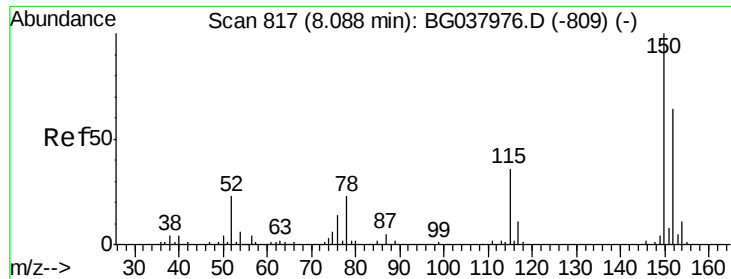
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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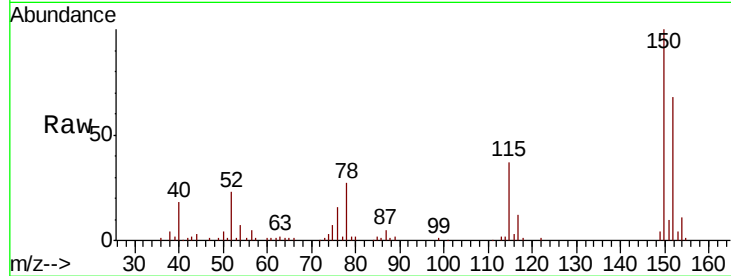


#1

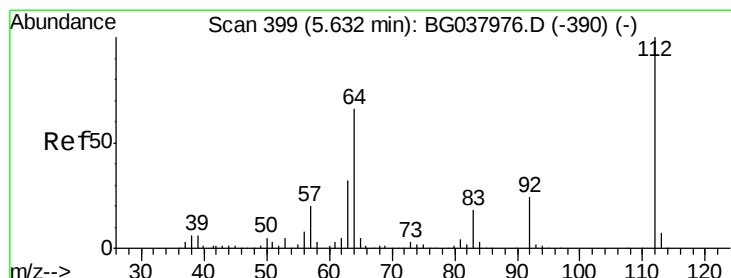
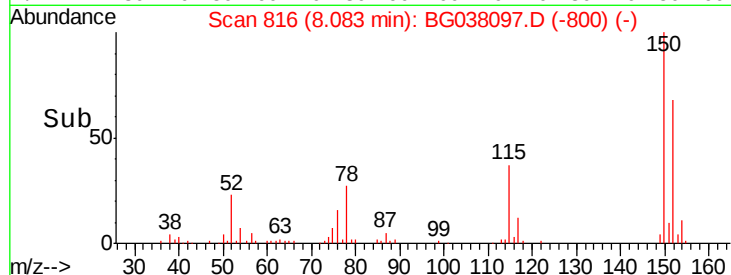
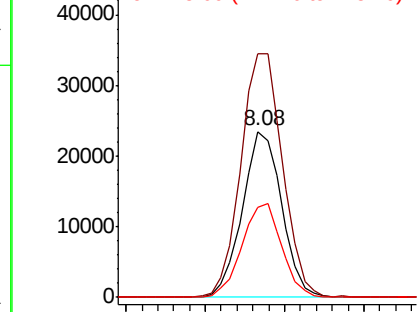
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038097.D
Acq: 20 Nov 2018 22:44

Instrument :
BNA_G
ClientSampleId :
PB114966BL

Tot Ion:152 Resp: 40328
Ion Ratio Lower Upper
152 100
150 146.7 126.0 189.0
115 54.6 45.5 68.3



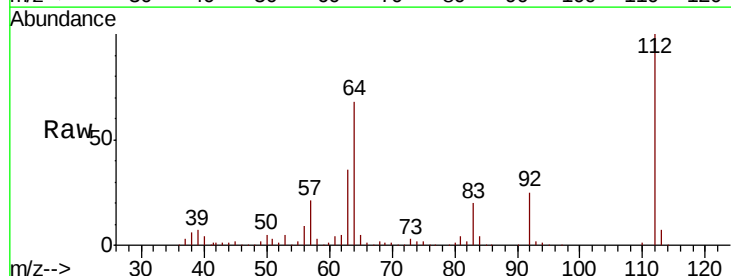
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



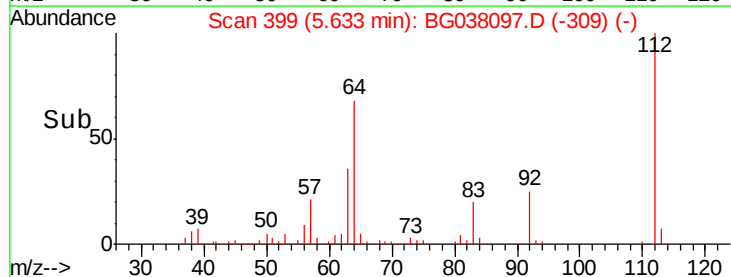
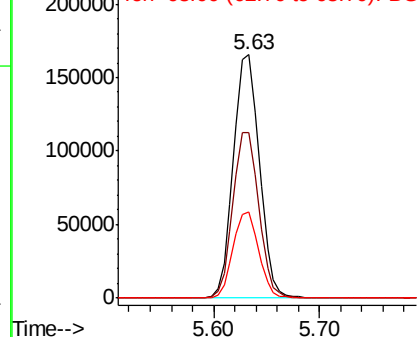
#5

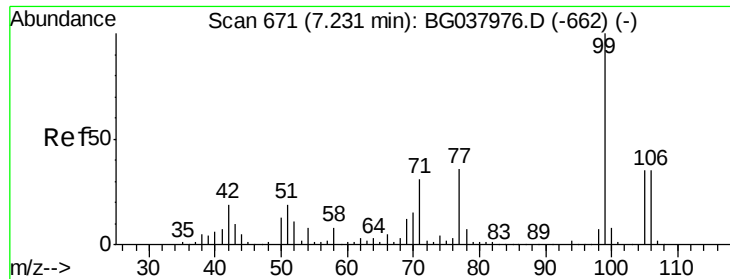
2-Fluorophenol
Concen: 120.925 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038097.D
Acq: 20 Nov 2018 22:44

Tgt Ion:112 Resp: 282449
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 35.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.167 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Instrument :

BNA_G

ClientSampleId :

PB114966BL

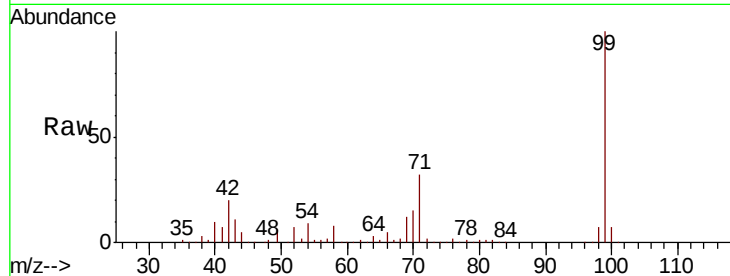
Tot Ion: 99 Resp: 397316

Ion Ratio Lower Upper

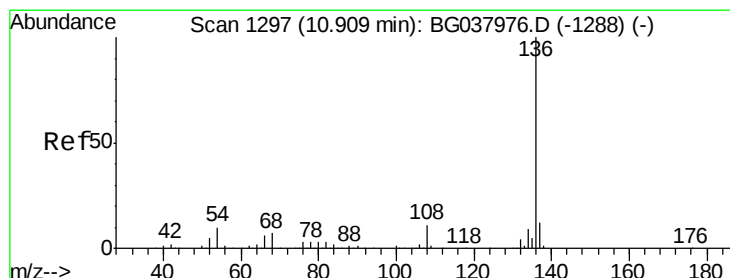
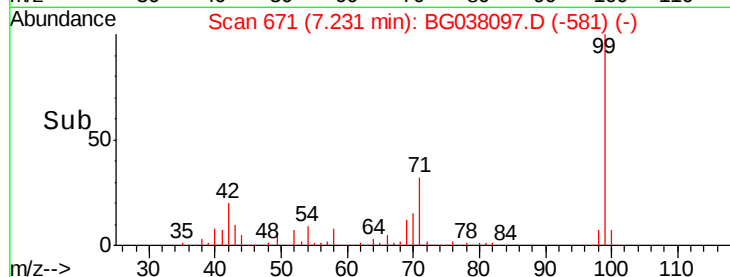
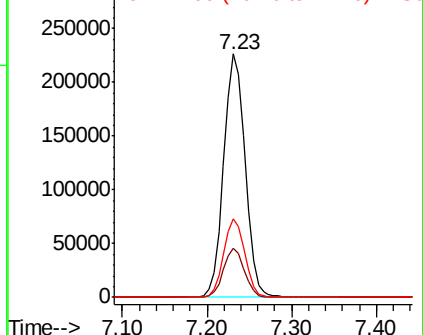
99 100

42 20.2 15.0 22.4

71 32.1 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. -0.01 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Tgt Ion: 136 Resp: 168769

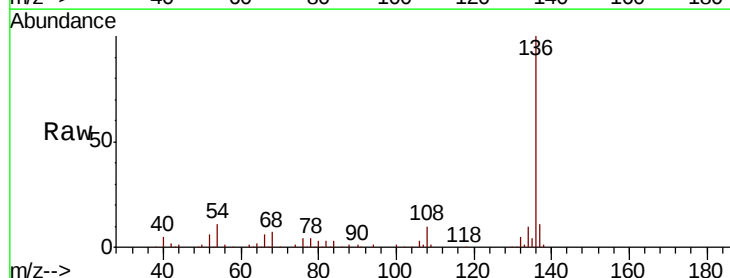
Ion Ratio Lower Upper

136 100

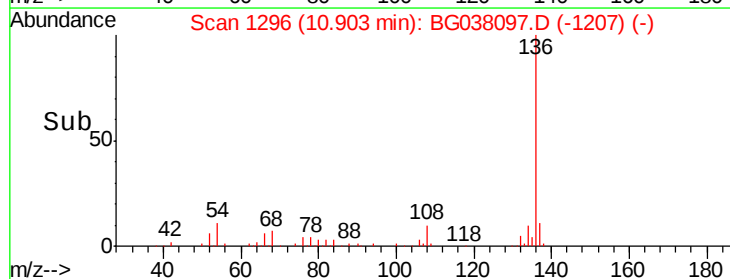
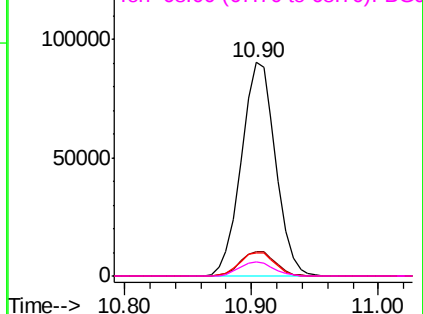
137 11.2 9.6 14.4

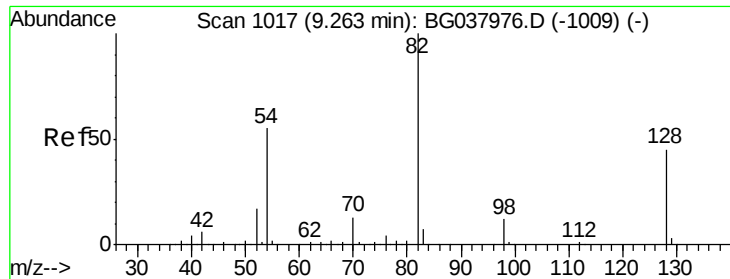
54 11.0 7.9 11.9

68 6.6 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

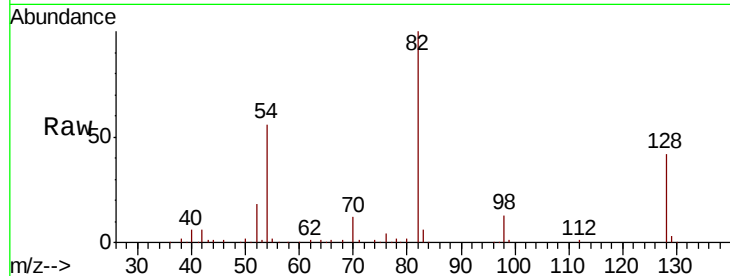




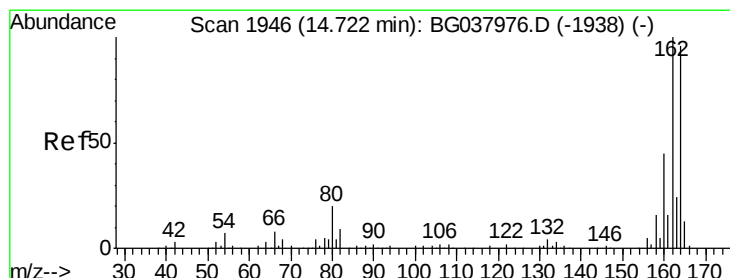
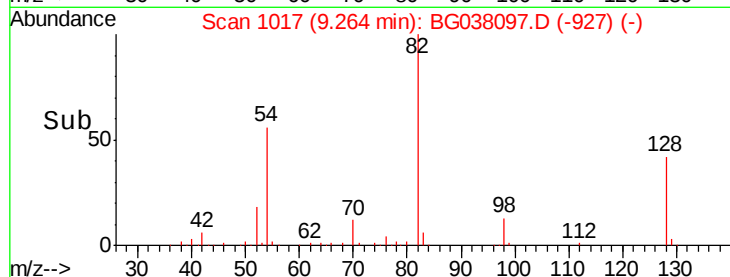
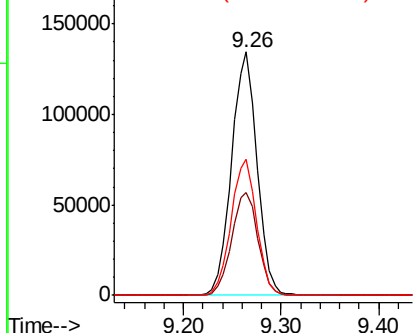
#23
 Nitrobenzene-d5
 Concen: 77.280 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BL

Tot Ion	82	Resp	243646
Ion Ratio	100	Lower	Upper
128	42.0	34.6	51.8
54	56.0	45.3	67.9

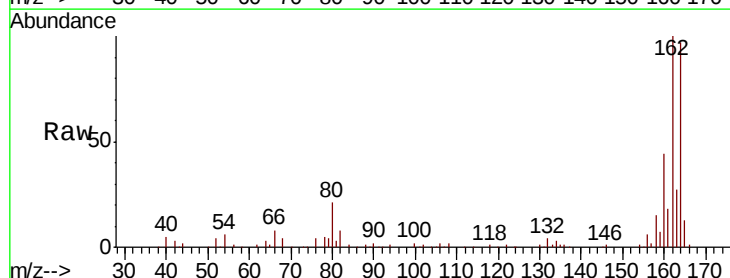


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

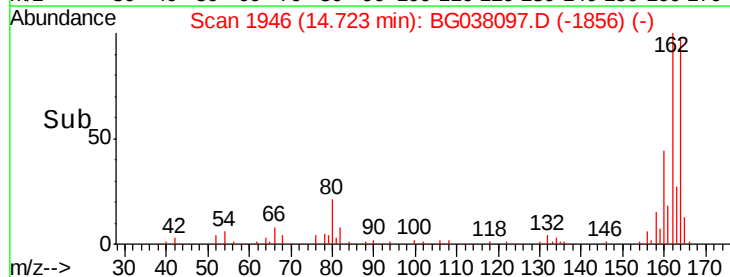
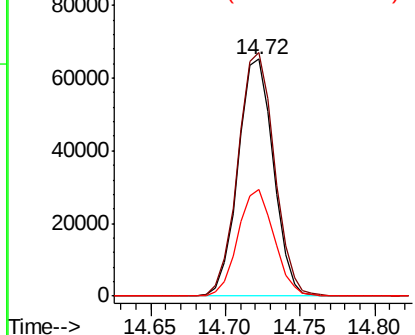


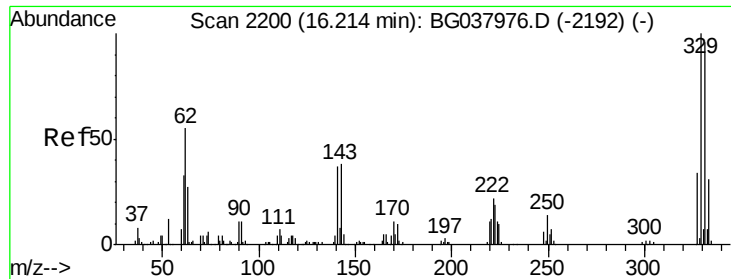
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Tgt Ion	164	Resp	106957
Ion Ratio	100	Lower	Upper
162	102.8	81.3	121.9
160	45.2	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

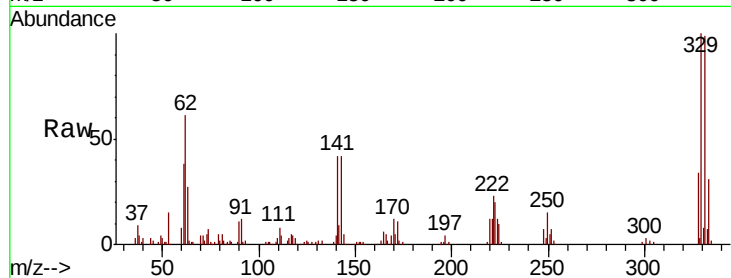




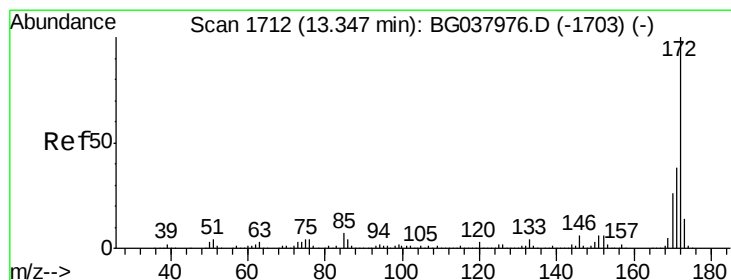
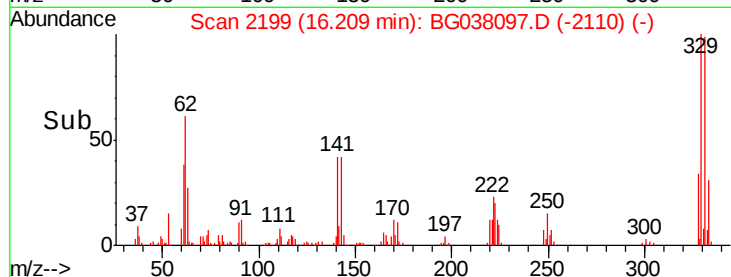
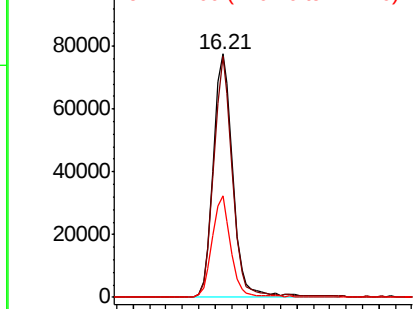
#42
 2,4,6-Tribromophenol
 Concen: 106.964 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BL

Tot Ion:330 Resp: 130477
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.4 117.6
 141 39.3 32.2 48.2

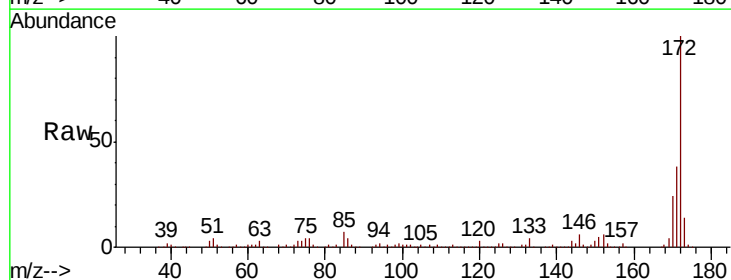


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

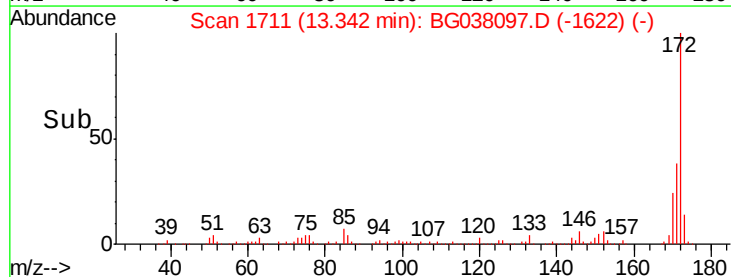
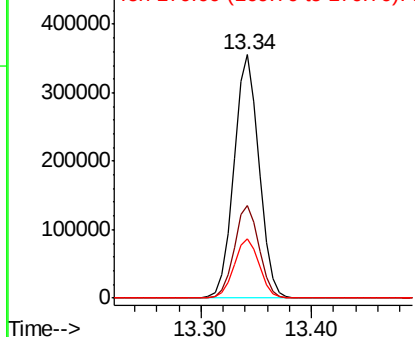


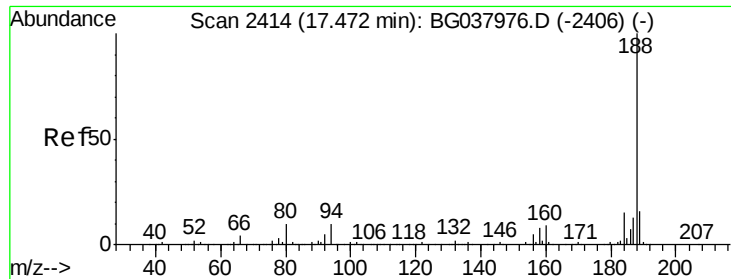
#45
 2-Fluorobiphenyl
 Concen: 77.010 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Tgt Ion:172 Resp: 565382
 Ion Ratio Lower Upper
 172 100
 171 37.9 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. -0.01 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Instrument :

BNA_G

ClientSampleId :

PB114966BL

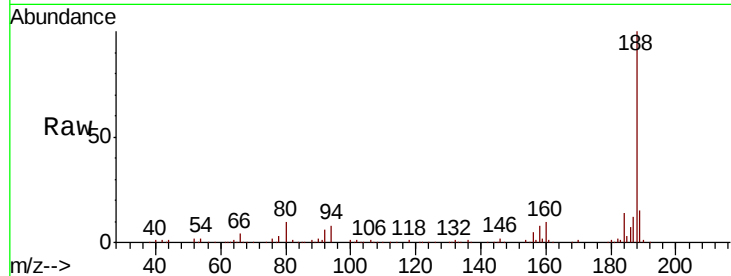
Tot Ion:188 Resp: 250594

Ion Ratio Lower Upper

188 100

94 8.4 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): B

Ion 80.00 (79.70 to 80.70): B

200000

150000

100000

50000

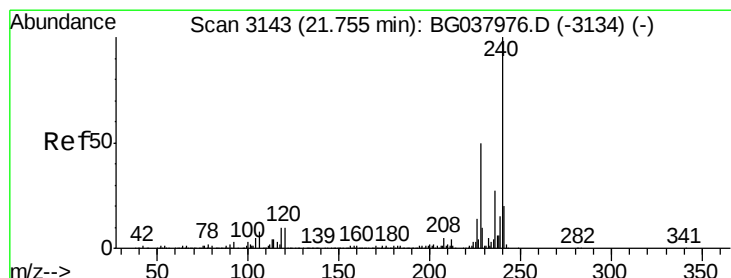
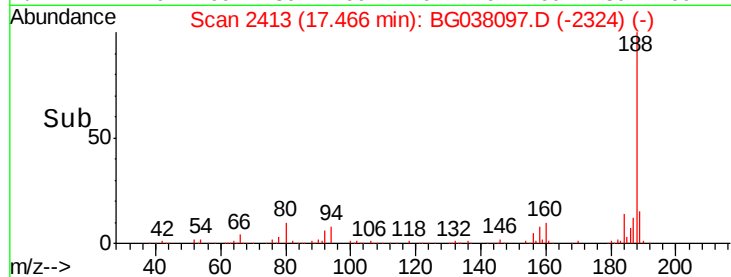
0

17.40

17.47

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

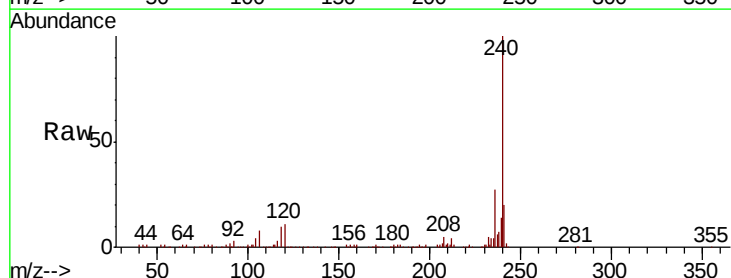
Tgt Ion:240 Resp: 248145

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

236 27.0 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

150000

100000

50000

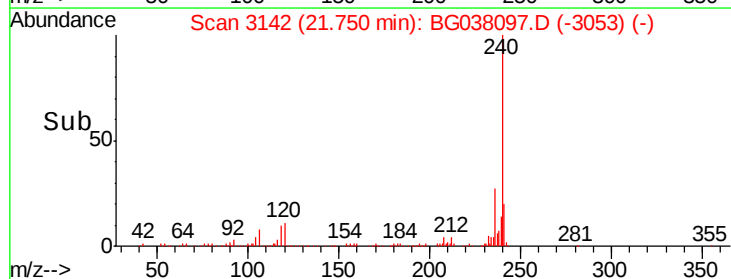
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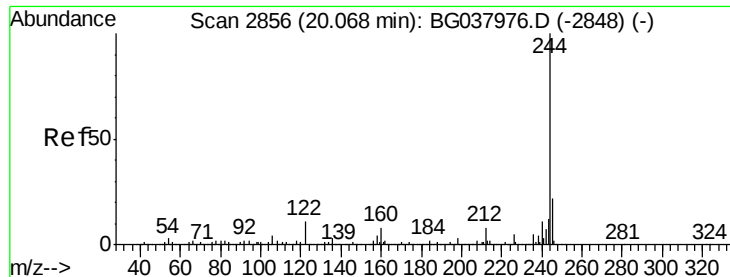
21.70

21.75

21.80

Time-->





#79

Terphenyl-d14

Concen: 84.175 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Instrument :

BNA_G

ClientSampleId :

PB114966BL

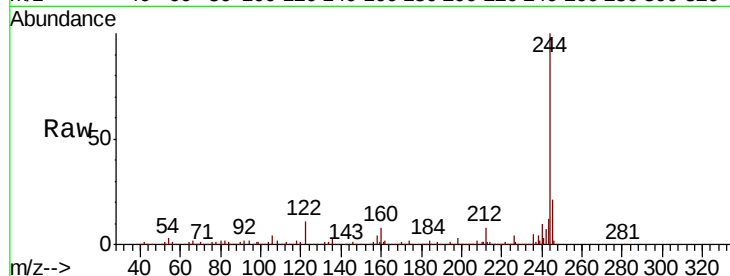
Tot Ion:244 Resp: 887698

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 10.5 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

800000

600000

400000

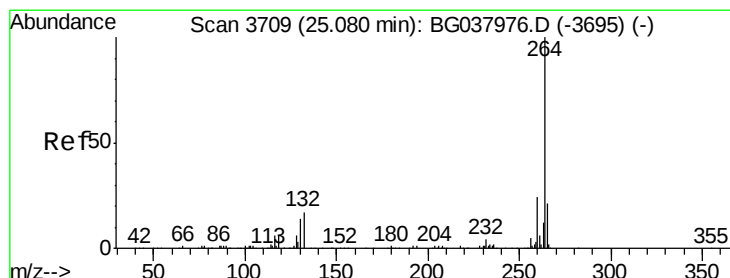
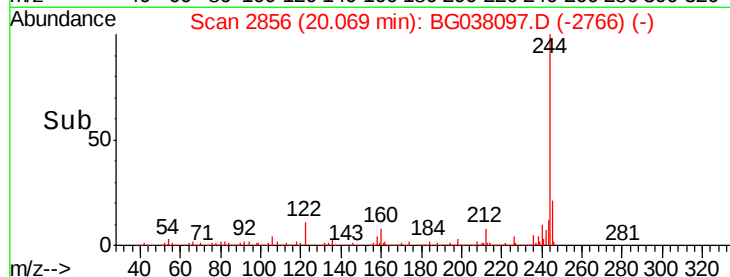
200000

0

20.07

20.00 20.10 20.20

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

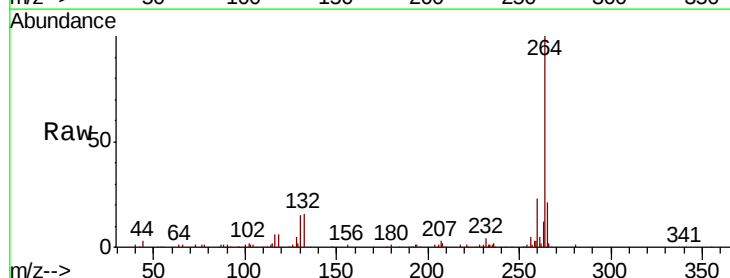
Tgt Ion:264 Resp: 249809

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.5 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

100000

80000

60000

40000

20000

0

25.08

24.90 25.00 25.10 25.20

Time-->

