

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038915.D
 Acq On : 3 Jan 2019 22:38
 Operator : JU/SJ
 Sample : K1017-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jan 04 04:47:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25716	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	104357	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	78596	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	201102	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	202238	20.00	ng	-0.01
87) Perylene-d12	25.00	264	211891	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	95493	65.86	ng	0.00
7) Phenol-d6	7.21	99	119017	59.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	96490	47.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	80086	73.94	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	282157	49.25	ng	-0.02
79) Terphenyl-d14	20.03	244	581129	62.54	ng	-0.01

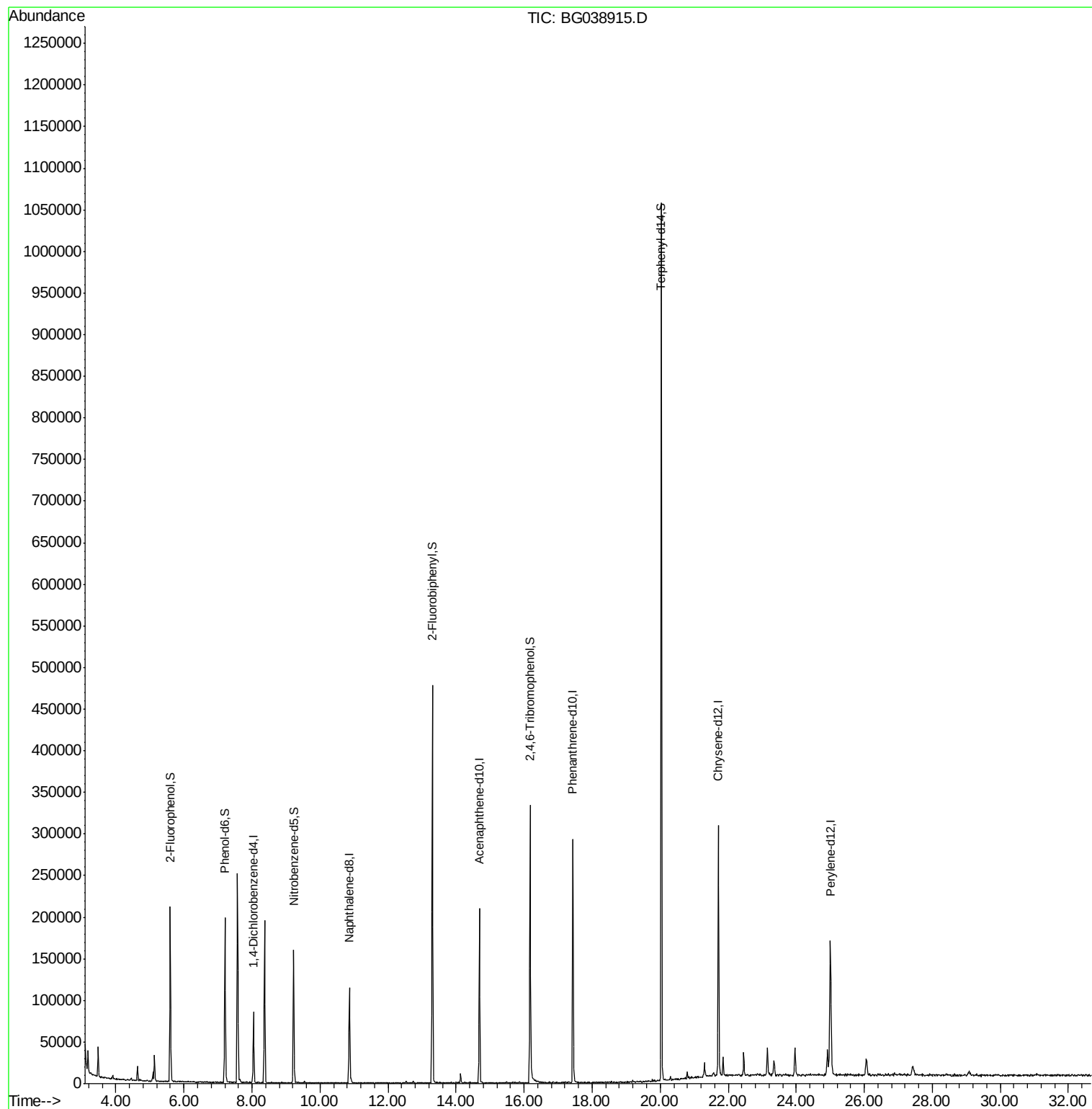
Target Compounds Qvalue

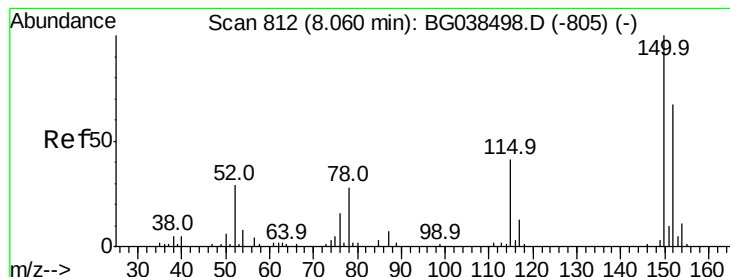
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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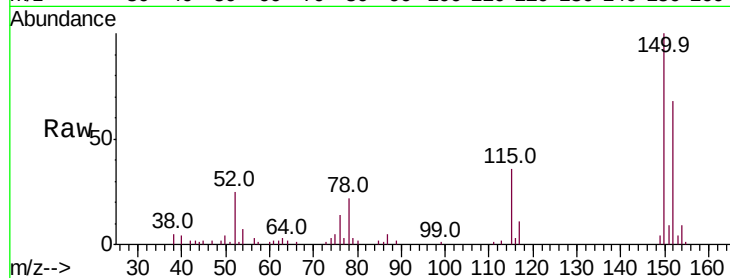


#1

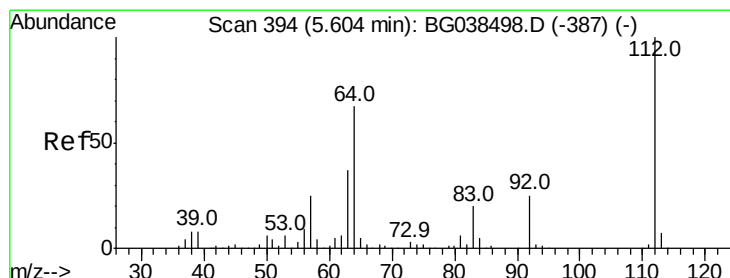
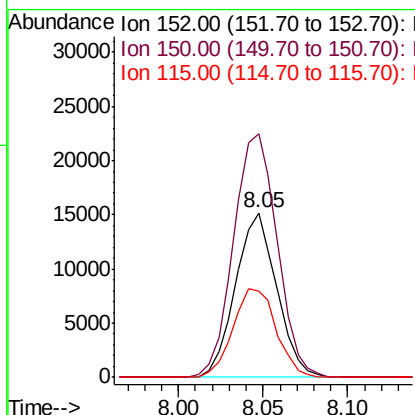
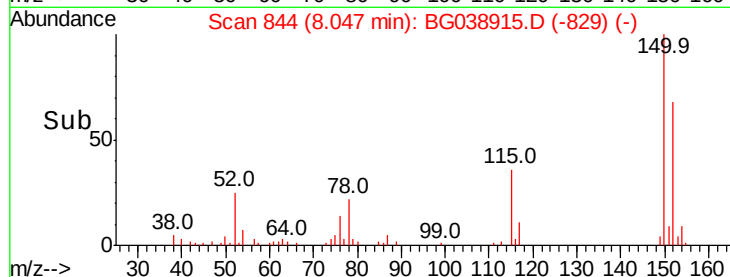
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038915.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 25716
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 52.4 49.6 74.4



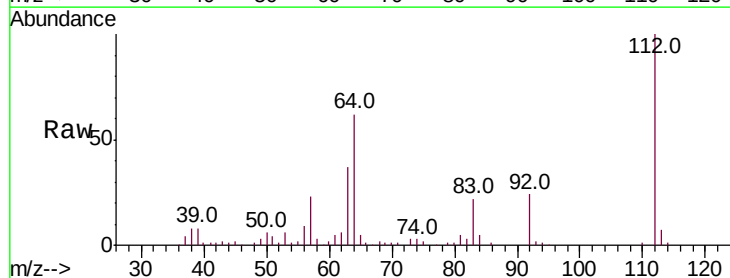
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



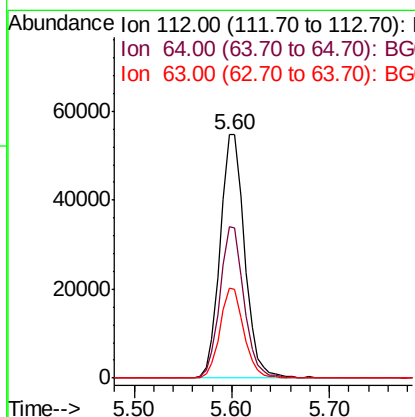
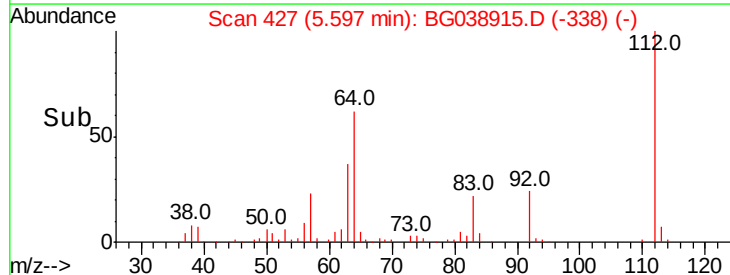
#5

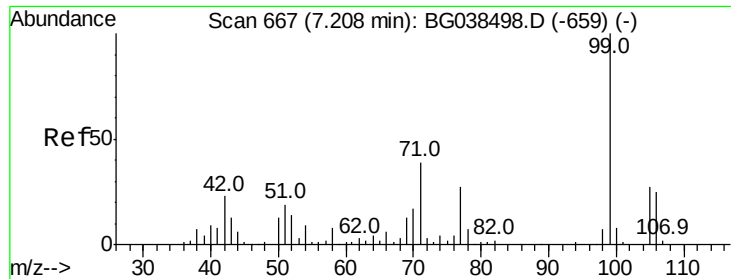
2-Fluorophenol
Concen: 65.862 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG038915.D
Acq: 3 Jan 2019 22:38

Tgt Ion:112 Resp: 95493
Ion Ratio Lower Upper
112 100
64 62.2 53.4 80.2
63 36.8 29.3 43.9



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: 59.795 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038915.D

Acq: 3 Jan 2019 22:38

Instrument :

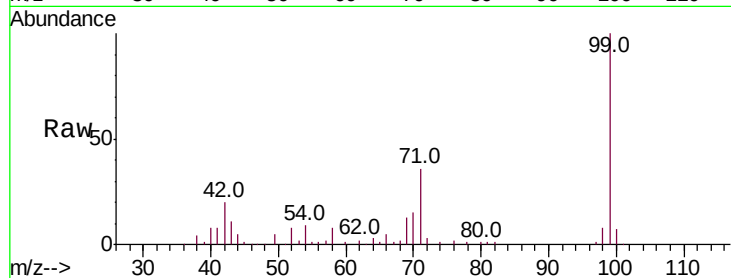
BNA_G

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 119017

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.5	27.7
71	35.9	31.1	46.7

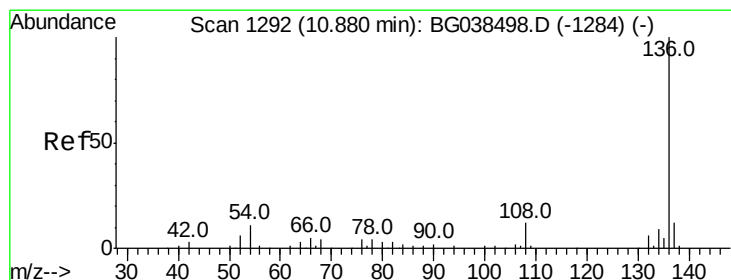
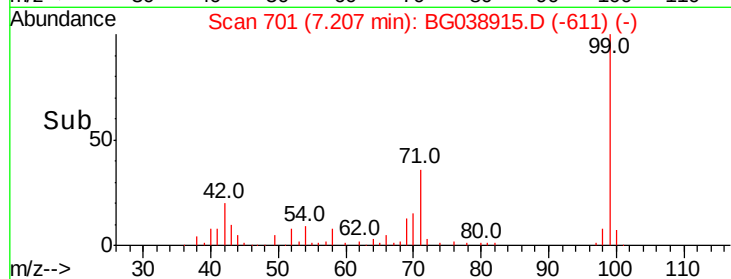
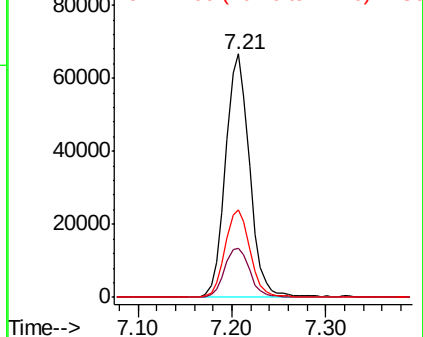


Abundance

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: 10.86 min Scan# 1323

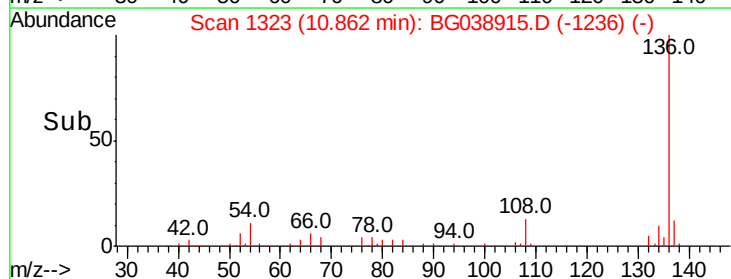
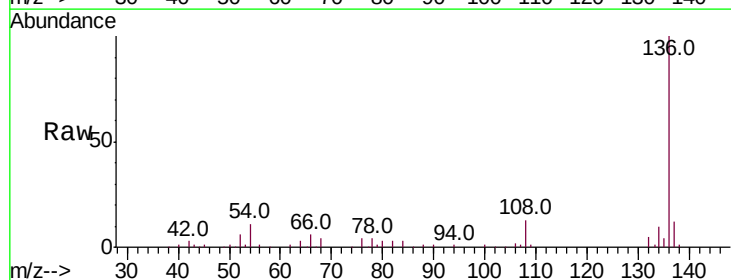
Delta R.T. -0.02 min

Lab File: BG038915.D

Acq: 3 Jan 2019 22:38

Tgt Ion: 136 Resp: 104357

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	10.8	8.5	12.7
68	4.2	3.5	5.3



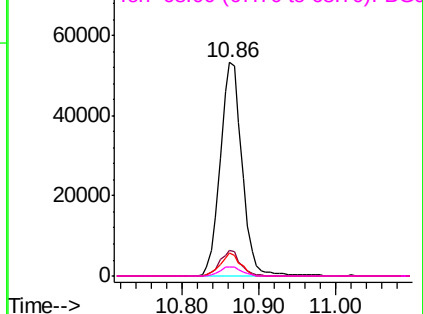
Abundance

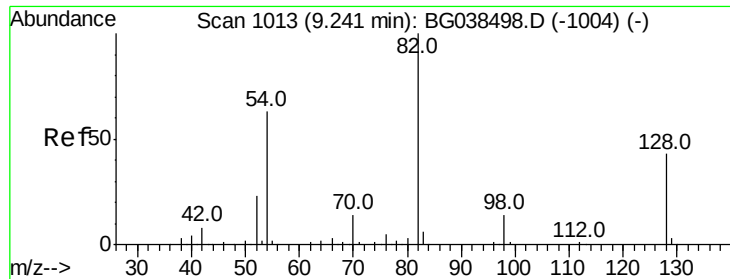
Ion 136.00 (135.70 to 136.70): BGC

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

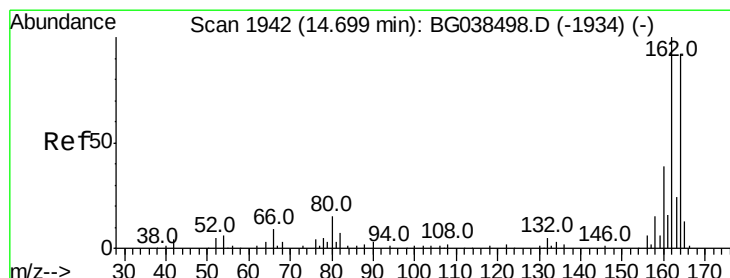
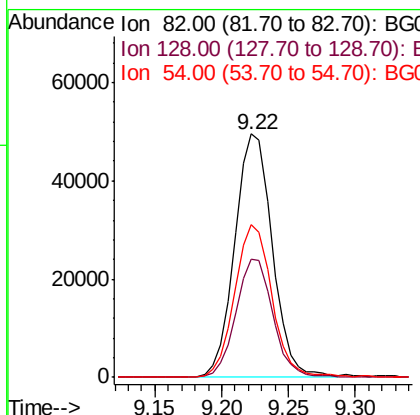
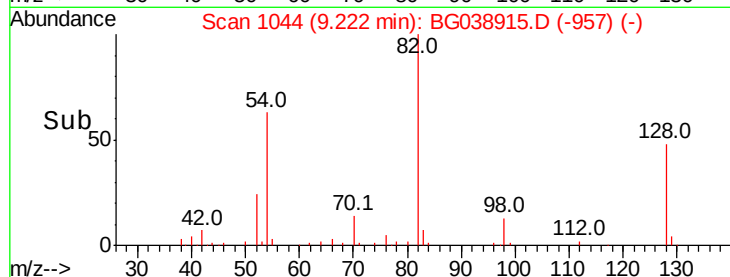
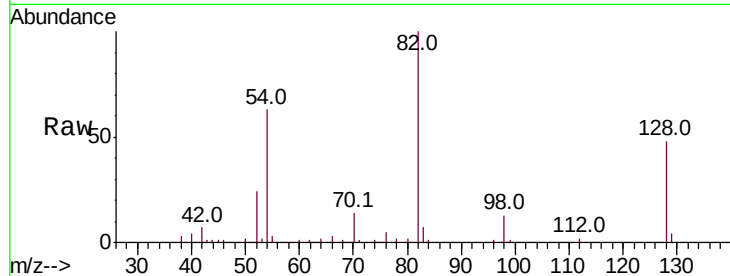




#23
Nitrobenzene-d5
Concen: 47.236 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038915.D
Acq: 3 Jan 2019 22:38

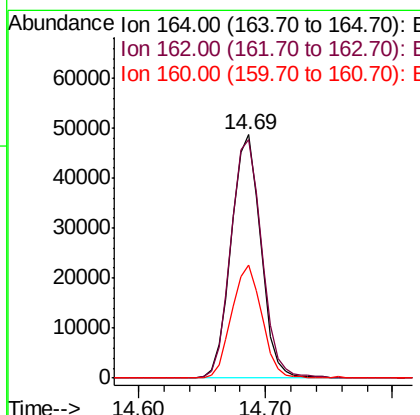
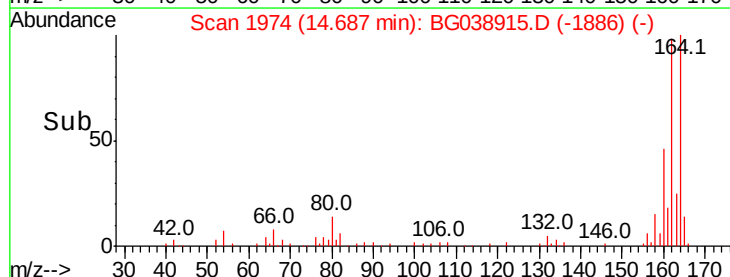
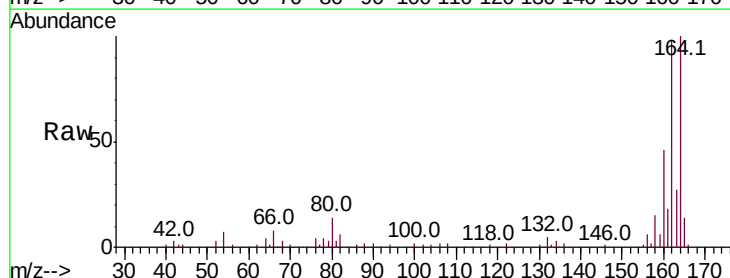
Instrument :
BNA_G
ClientSampleId :
TP-1

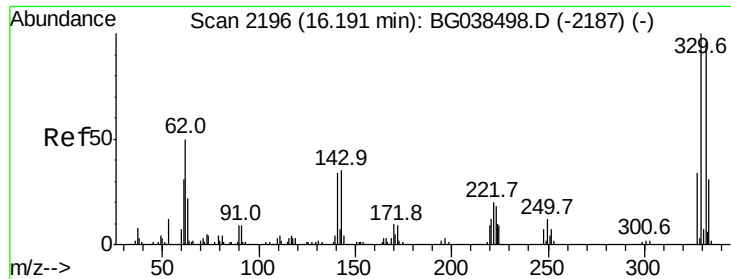
Tot Ion: 82 Resp: 96490
Ion Ratio Lower Upper
82 100
128 48.3 34.6 52.0
54 62.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038915.D
Acq: 3 Jan 2019 22:38

Tgt Ion:164 Resp: 78596
Ion Ratio Lower Upper
164 100
162 97.7 86.6 130.0
160 46.3 34.2 51.2

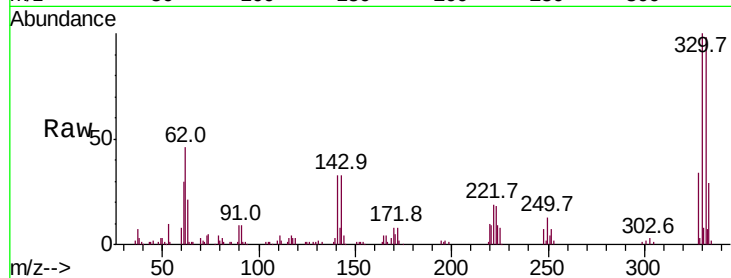




#42
 2,4,6-Tribromophenol
 Concen: 73.935 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038915.D
 Acq: 3 Jan 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.9	115.3
141	32.4	28.8	43.2

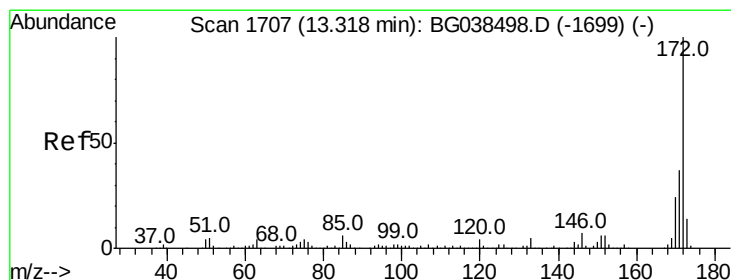
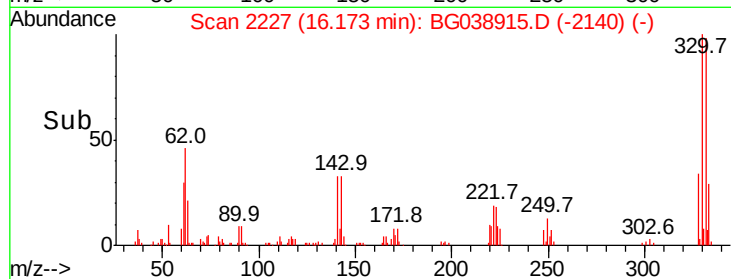
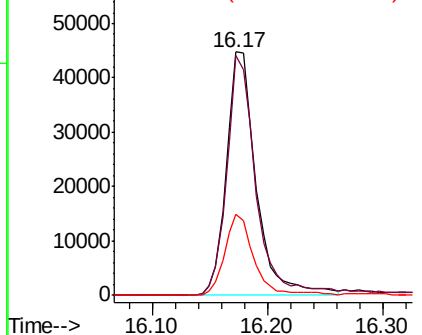


Abundance

Ion 329.80 (329.50 to 330.50): E

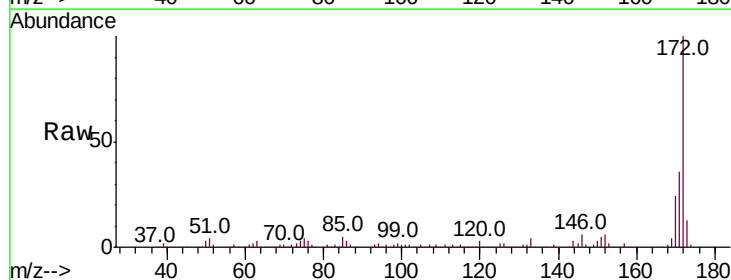
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 49.249 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038915.D
 Acq: 3 Jan 2019 22:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	23.7	19.5	29.3

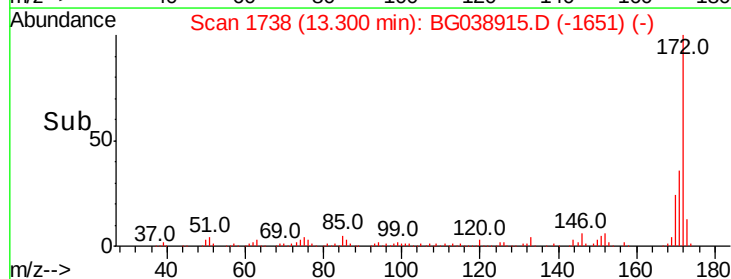
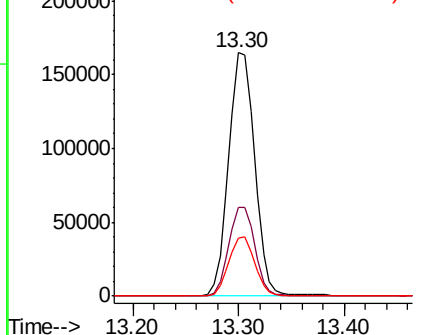


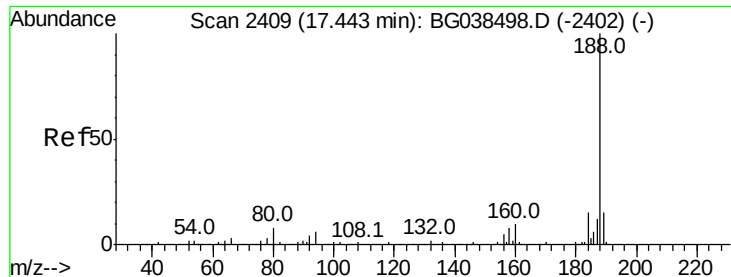
Abundance

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038915.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_G

ClientSampleId :

TP-1

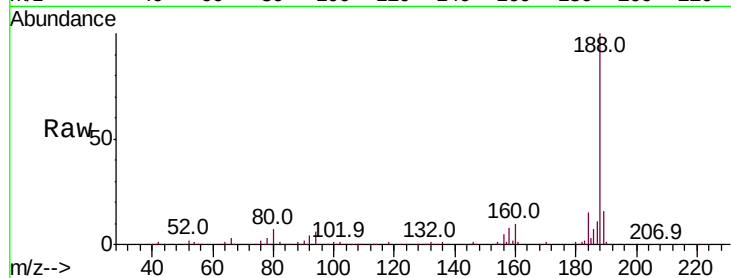
Tot Ion:188 Resp: 201102

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

80 7.0 6.1 9.1



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

150000

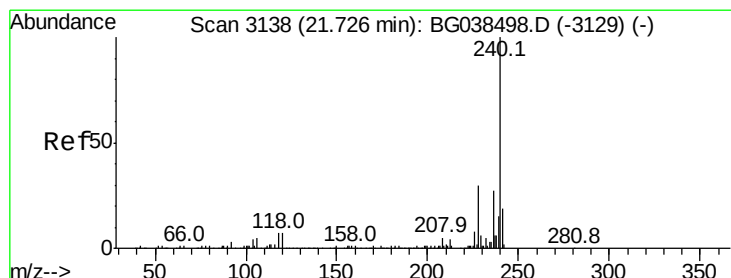
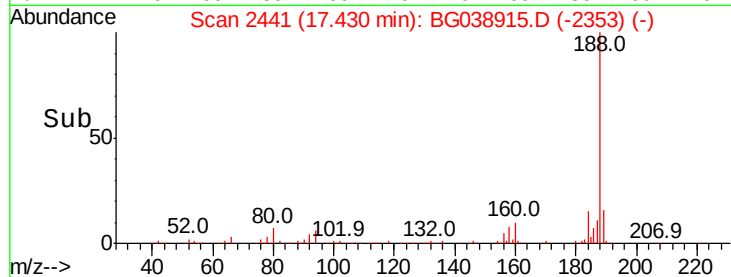
100000

50000

0

17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038915.D

Acq: 3 Jan 2019 22:38

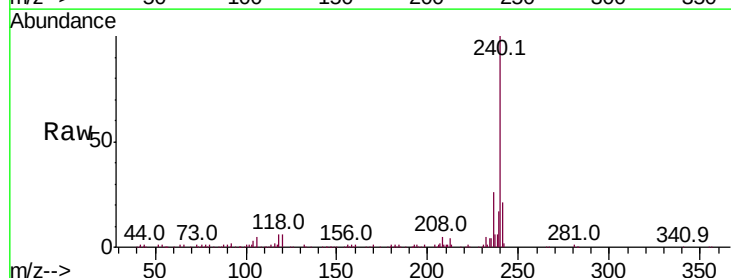
Tgt Ion:240 Resp: 202238

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

236 26.1 21.4 32.2



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

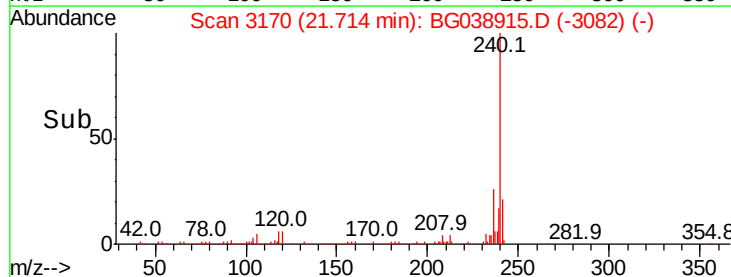
100000

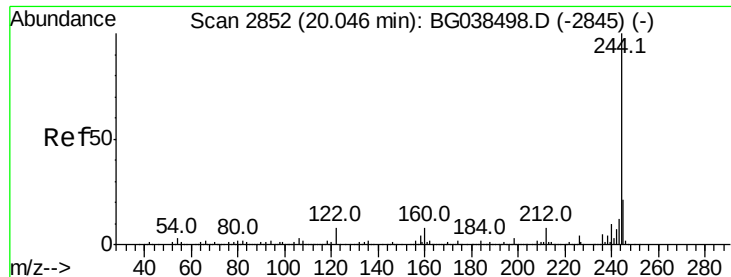
50000

0

21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 62.537 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038915.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_G

ClientSampleId :

TP-1

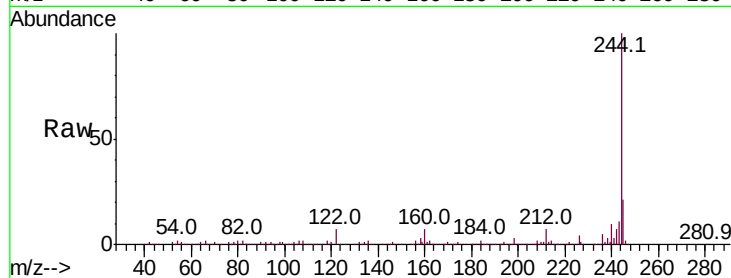
Tot Ion:244 Resp: 581129

Ion Ratio Lower Upper

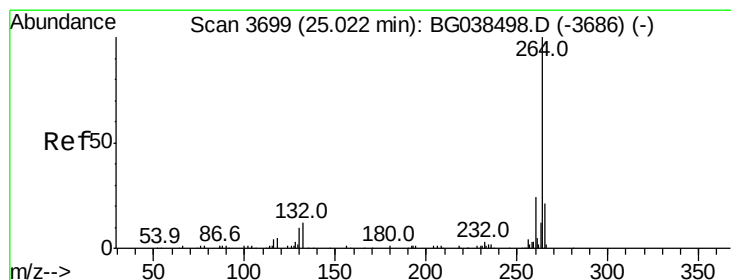
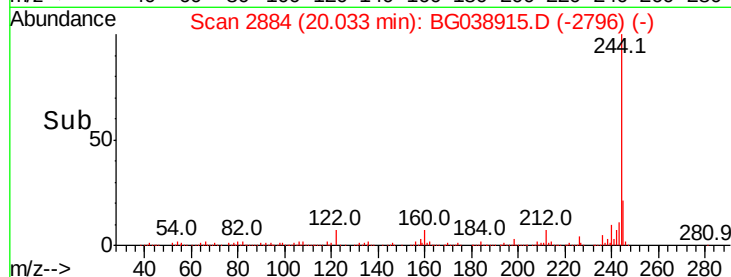
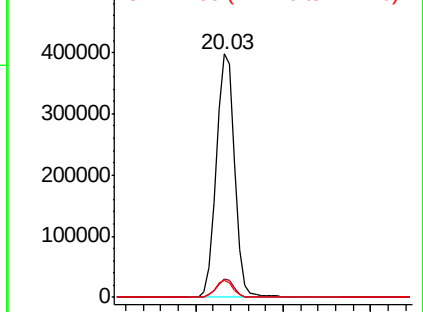
244 100

212 7.4 6.2 9.2

122 7.2 6.3 9.5



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038915.D

Acq: 3 Jan 2019 22:38

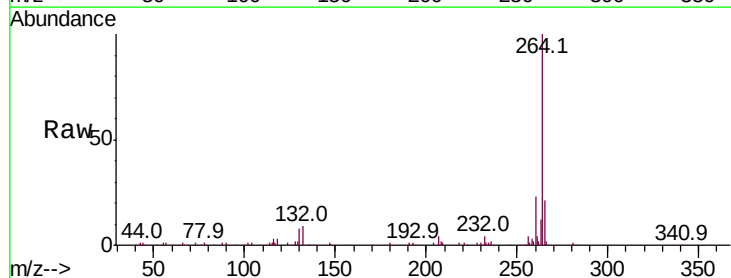
Tgt Ion:264 Resp: 211891

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.3 17.0 25.4



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

