

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038131.D
 Acq On : 22 Nov 2018 00:11
 Operator : JU/SJ
 Sample : J5772-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-112018-C

Quant Time: Nov 22 01:43:11 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	42401	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	184496	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117275	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	266839	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255341	20.00	ng	0.00
87) Perylene-d12	25.07	264	229480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	255853	104.18	ng	0.00
7) Phenol-d6	7.23	99	320521	91.43	ng	0.00
23) Nitrobenzene-d5	9.26	82	263245	76.38	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	115452	86.32	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	584421	72.60	ng	0.00
79) Terphenyl-d14	20.07	244	909880	83.85	ng	0.00

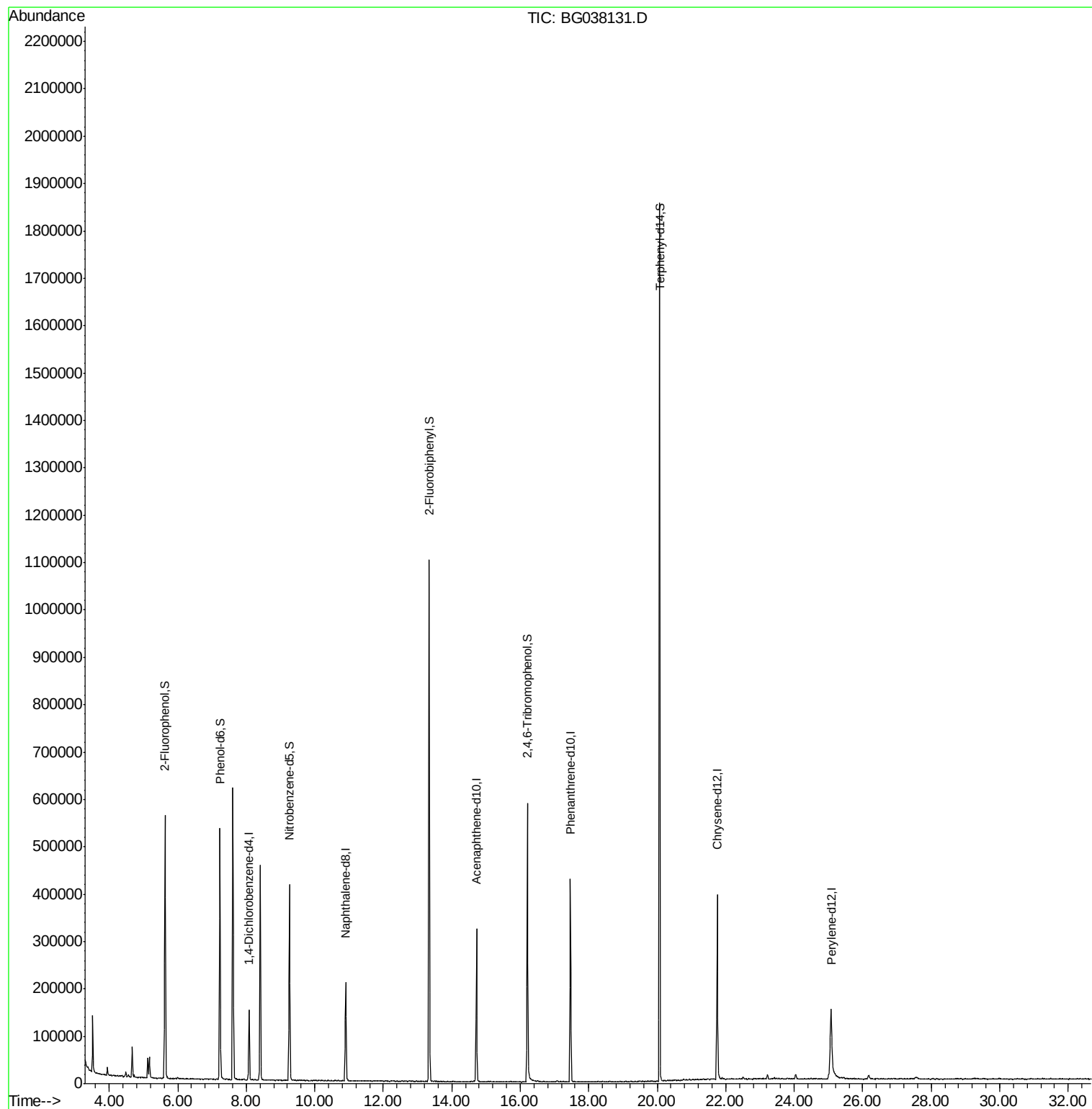
Target Compounds Qvalue

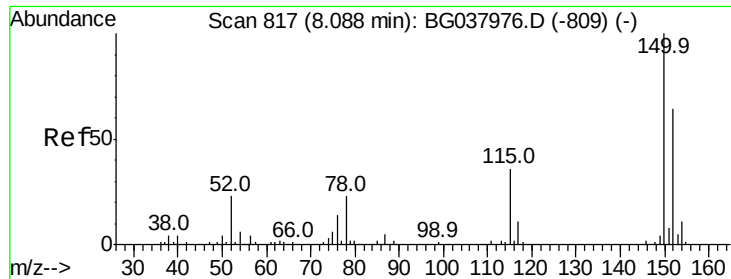
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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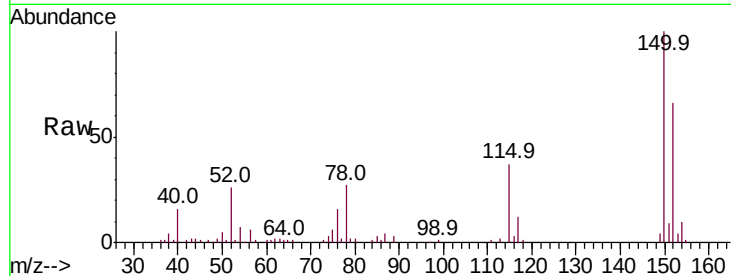


#1

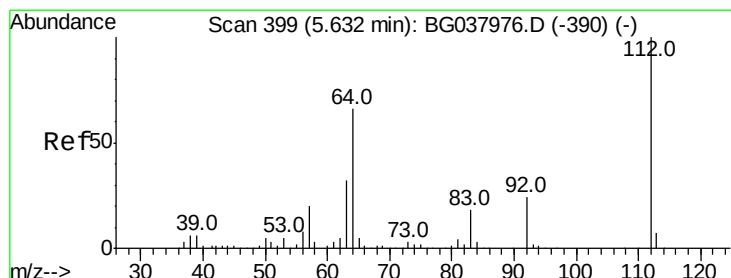
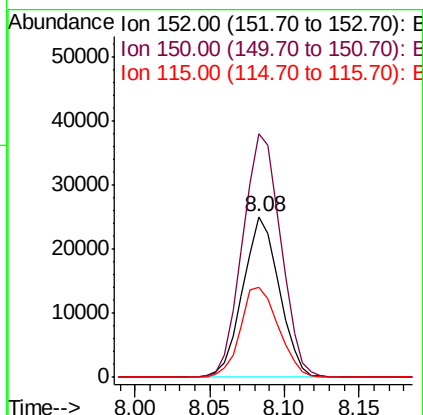
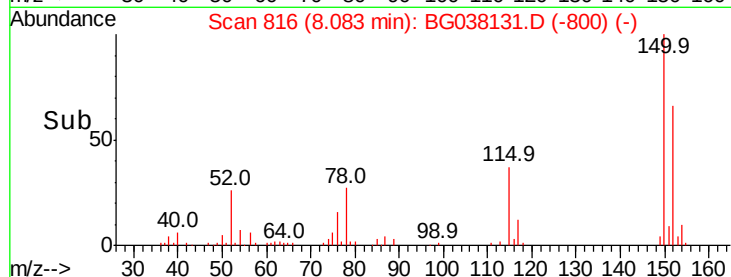
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038131.D
Acq: 22 Nov 2018 00:11

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-C

Tot Ion:152 Resp: 42401
Ion Ratio Lower Upper
152 100
150 151.2 126.0 189.0
115 55.9 45.5 68.3



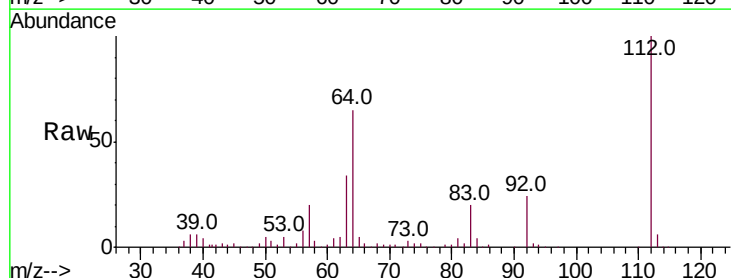
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



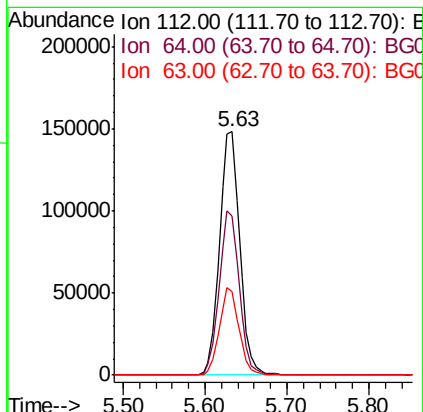
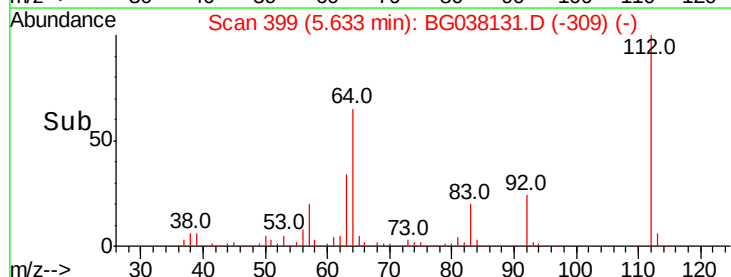
#5

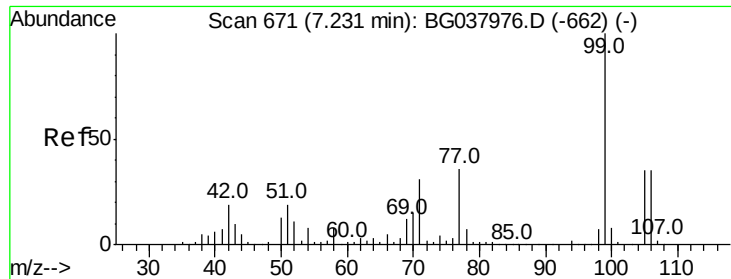
2-Fluorophenol
Concen: 104.183 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038131.D
Acq: 22 Nov 2018 00:11

Tgt Ion:112 Resp: 255853
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 34.3 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: 91.434 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038131.D

Acq: 22 Nov 2018 00:11

Instrument :

BNA_G

ClientSampleId :

PL-01-112018-C

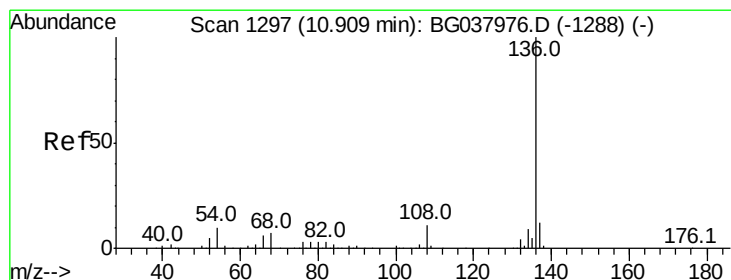
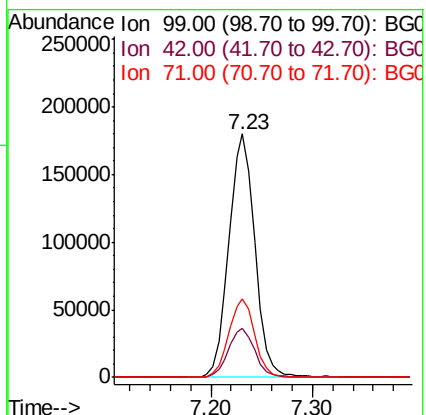
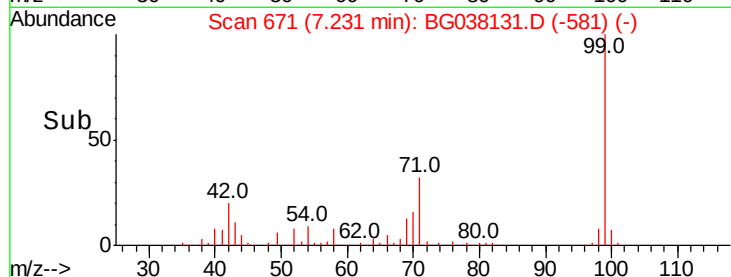
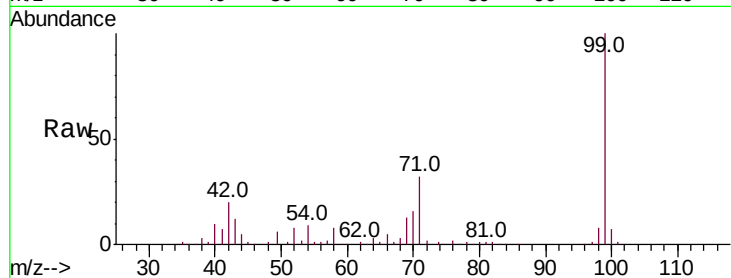
Tot Ion: 99 Resp: 320521

Ion Ratio Lower Upper

99 100

42 20.2 15.0 22.4

71 32.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038131.D

Acq: 22 Nov 2018 00:11

Tgt Ion: 136 Resp: 184496

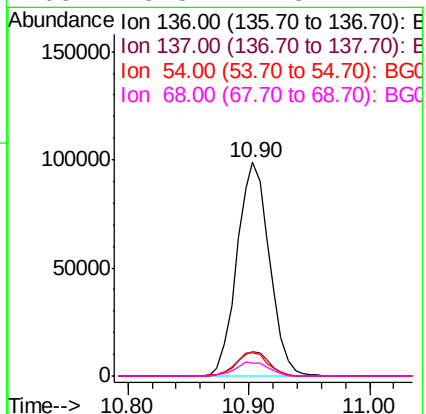
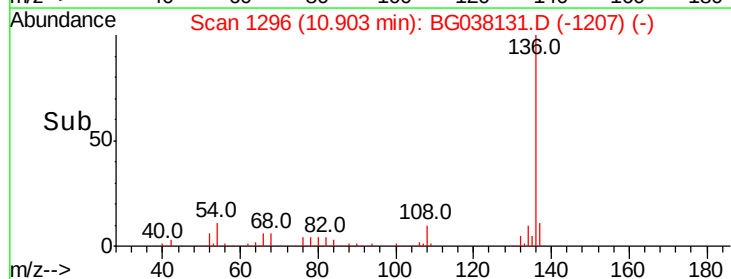
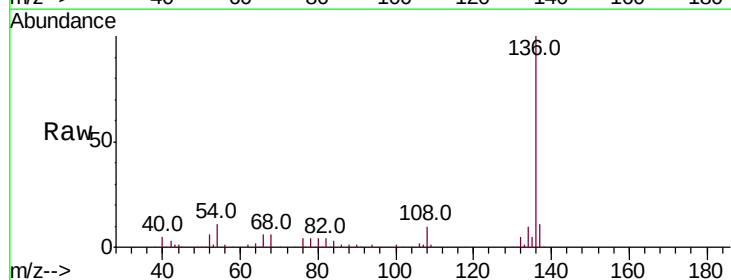
Ion Ratio Lower Upper

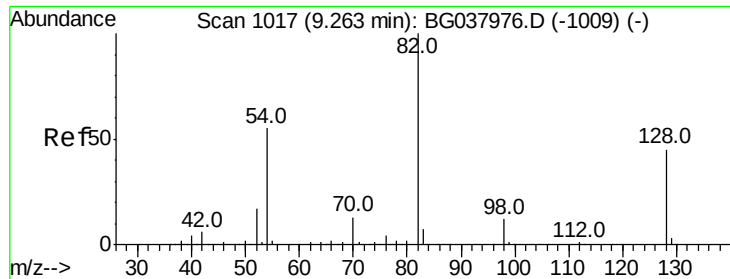
136 100

137 11.2 9.6 14.4

54 10.6 7.9 11.9

68 5.8 4.8 7.2

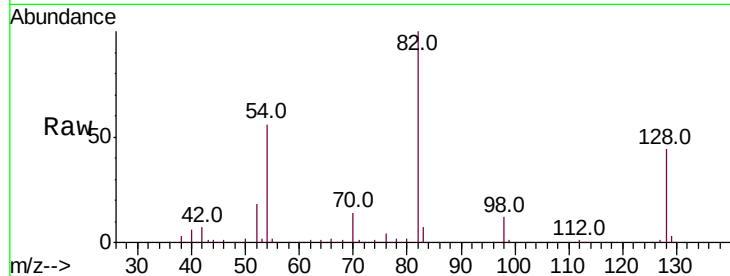




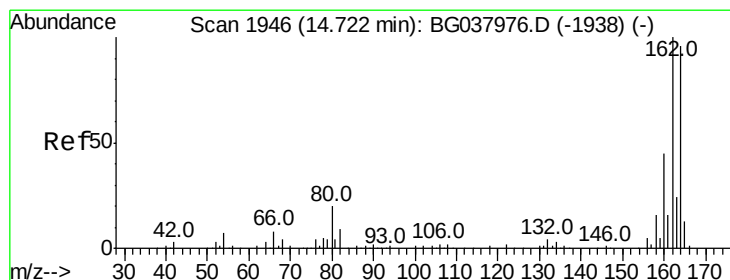
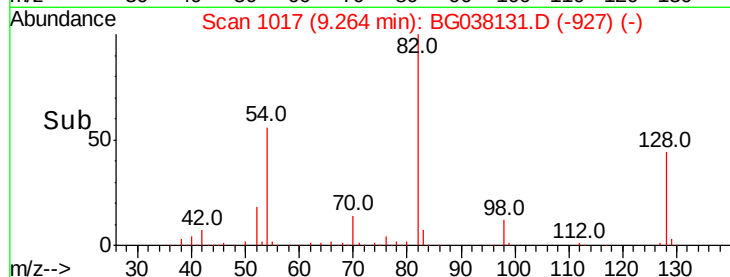
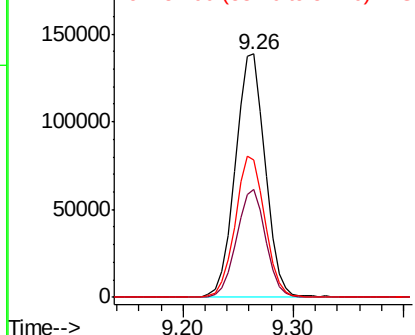
#23
Nitrobenzene-d5
Concen: 76.379 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038131.D
Acq: 22 Nov 2018 00:11

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	56.3	45.3	67.9

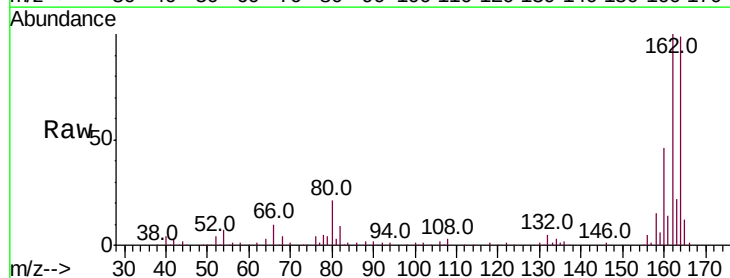


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

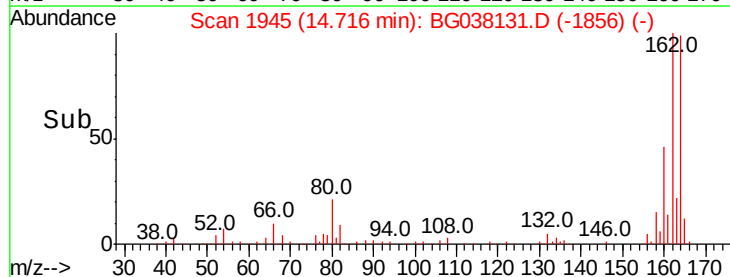
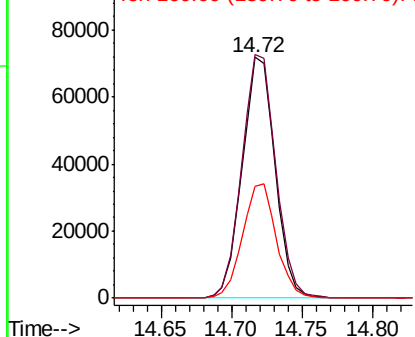


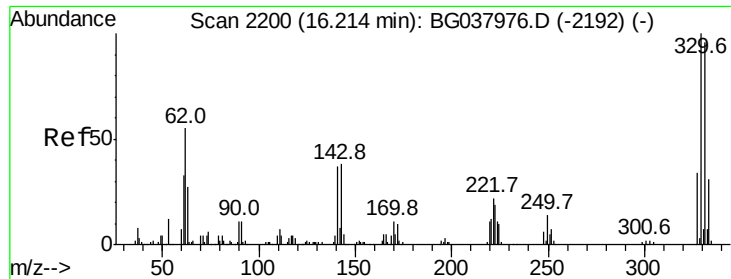
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038131.D
Acq: 22 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	46.5	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

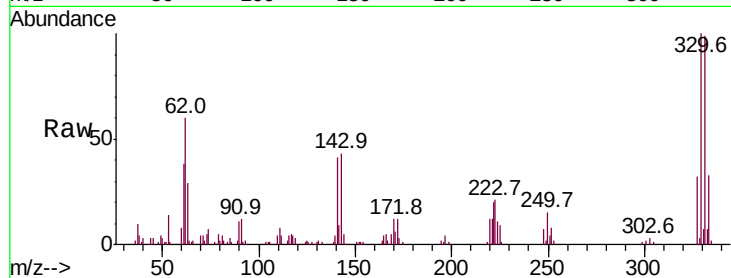




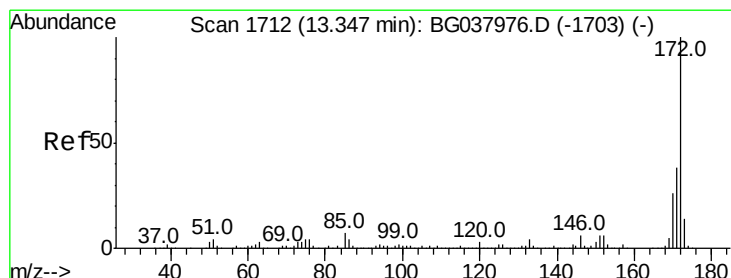
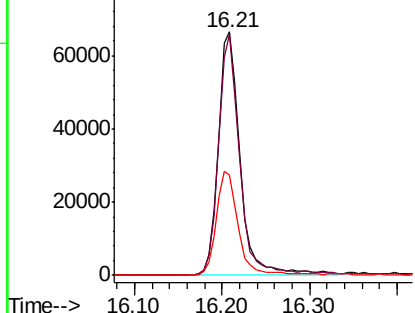
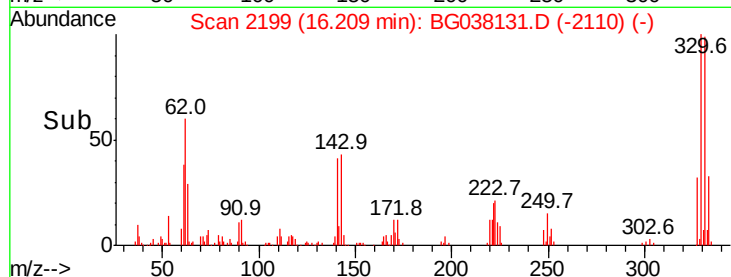
#42
 2,4,6-Tribromophenol
 Concen: 86.320 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038131.D
 Acq: 22 Nov 2018 00:11

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-112018-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	41.4	32.2	48.2

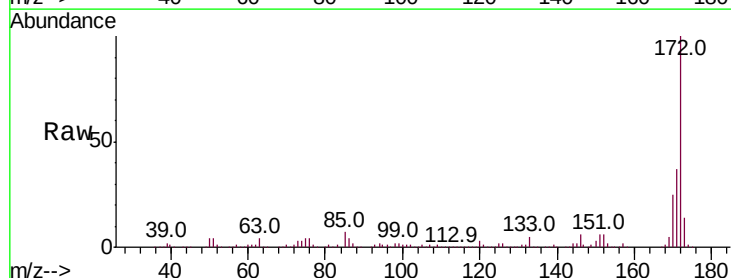


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

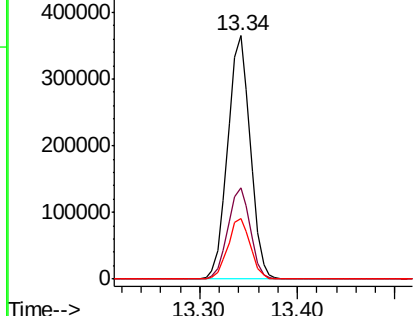
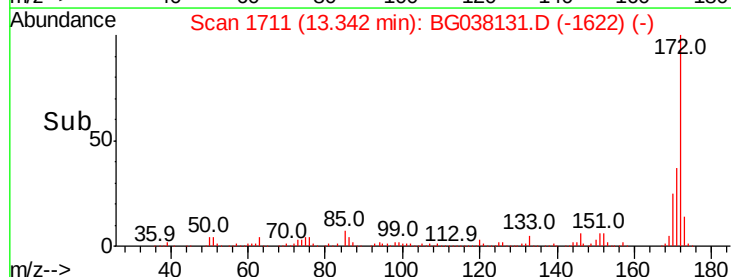


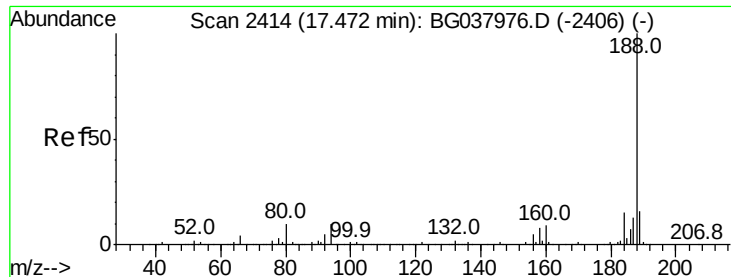
#45
 2-Fluorobiphenyl
 Concen: 72.600 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038131.D
 Acq: 22 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.6	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. -0.01 min

Lab File: BG038131.D

Acq: 22 Nov 2018 00:11

Instrument :

BNA_G

ClientSampleId :

PL-01-112018-C

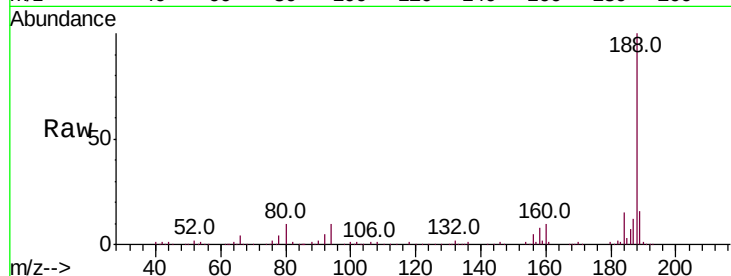
Tot Ion:188 Resp: 266839

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

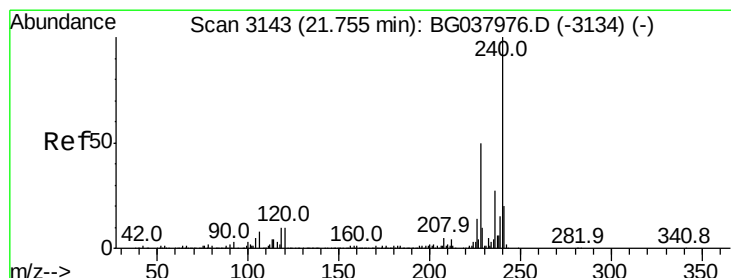
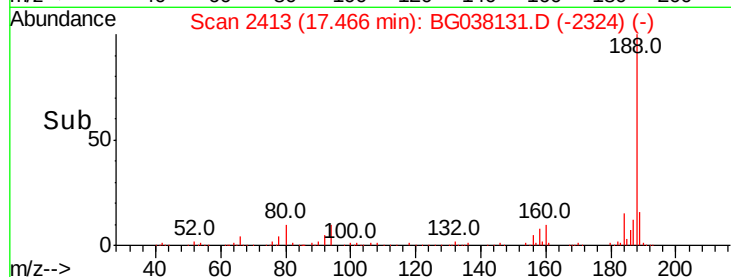
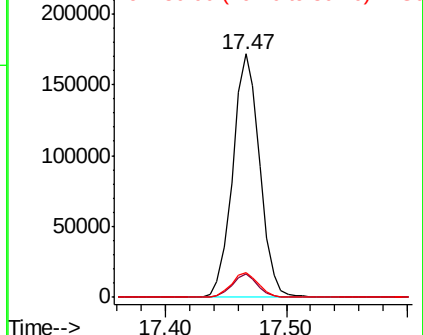
80 9.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038131.D

Acq: 22 Nov 2018 00:11

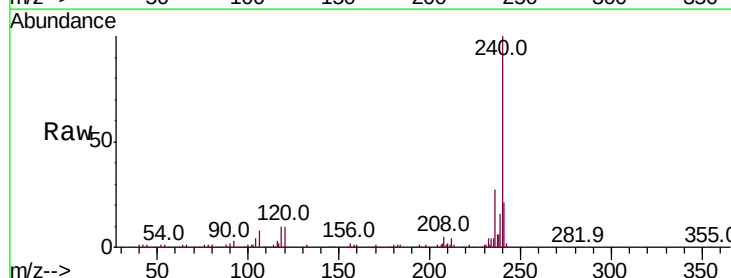
Tgt Ion:240 Resp: 255341

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

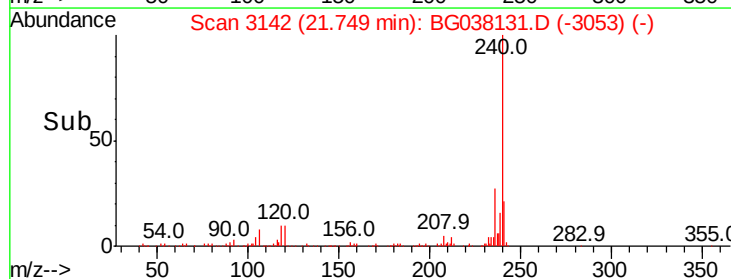
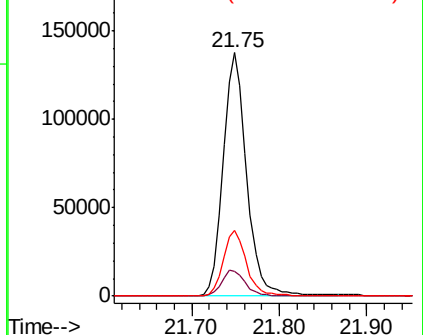
236 27.1 21.4 32.0

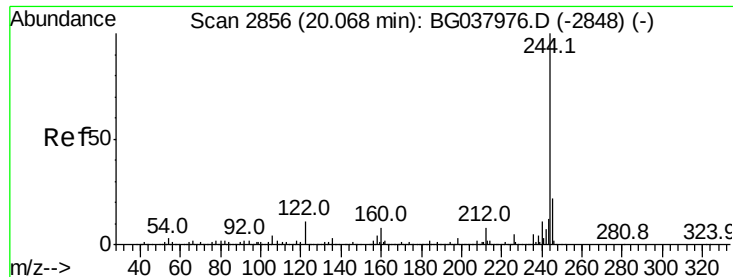


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.847 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038131.D

Acq: 22 Nov 2018 00:11

Instrument :

BNA_G

ClientSampleId :

PL-01-112018-C

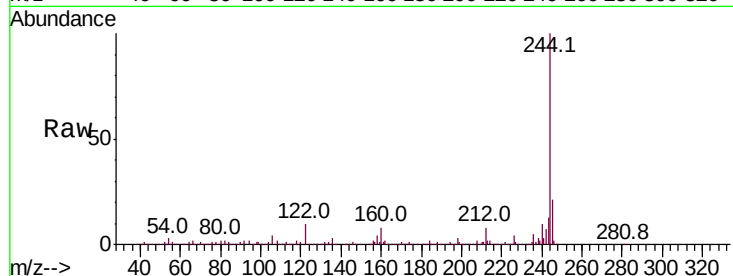
Tot Ion:244 Resp: 909880

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.3 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

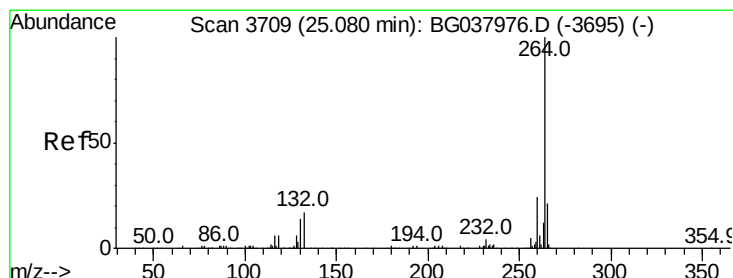
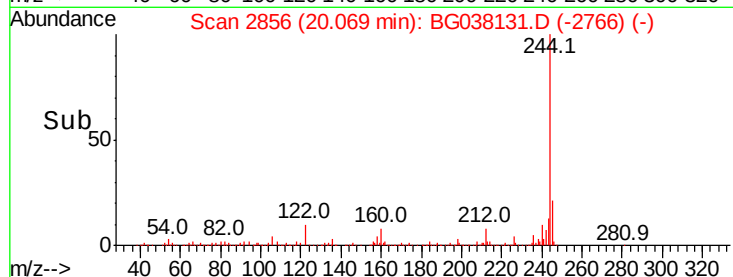
200000

0

20.07

20.00 20.10 20.20

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038131.D

Acq: 22 Nov 2018 00:11

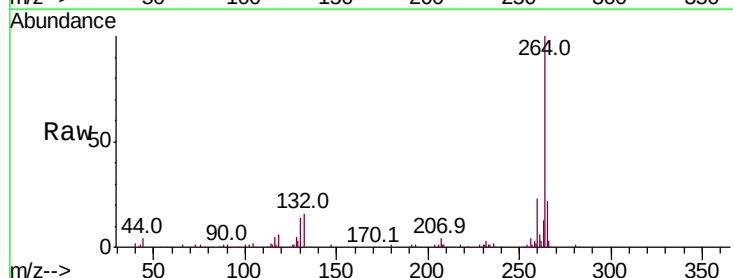
Tgt Ion:264 Resp: 229480

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.6 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

60000

40000

20000

0

25.07

25.00 25.20

Time-->

