

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038486.D
 Acq On : 12 Dec 2018 1:52
 Operator : JU/SJ
 Sample : PB115573TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115573TB

Quant Time: Dec 12 12:49:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20262	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	84748	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58819	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	152120	20.00	ng	0.00
76) Chrysene-d12	21.73	240	144540	20.00	ng	-0.01
87) Perylene-d12	25.04	264	152016	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	163974	143.21	ng	0.00
7) Phenol-d6	7.22	99	227512	137.48	ng	0.00
23) Nitrobenzene-d5	9.25	82	144222	84.49	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	82873	114.77	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	363861	88.15	ng	0.00
79) Terphenyl-d14	20.05	244	663582	98.35	ng	0.00

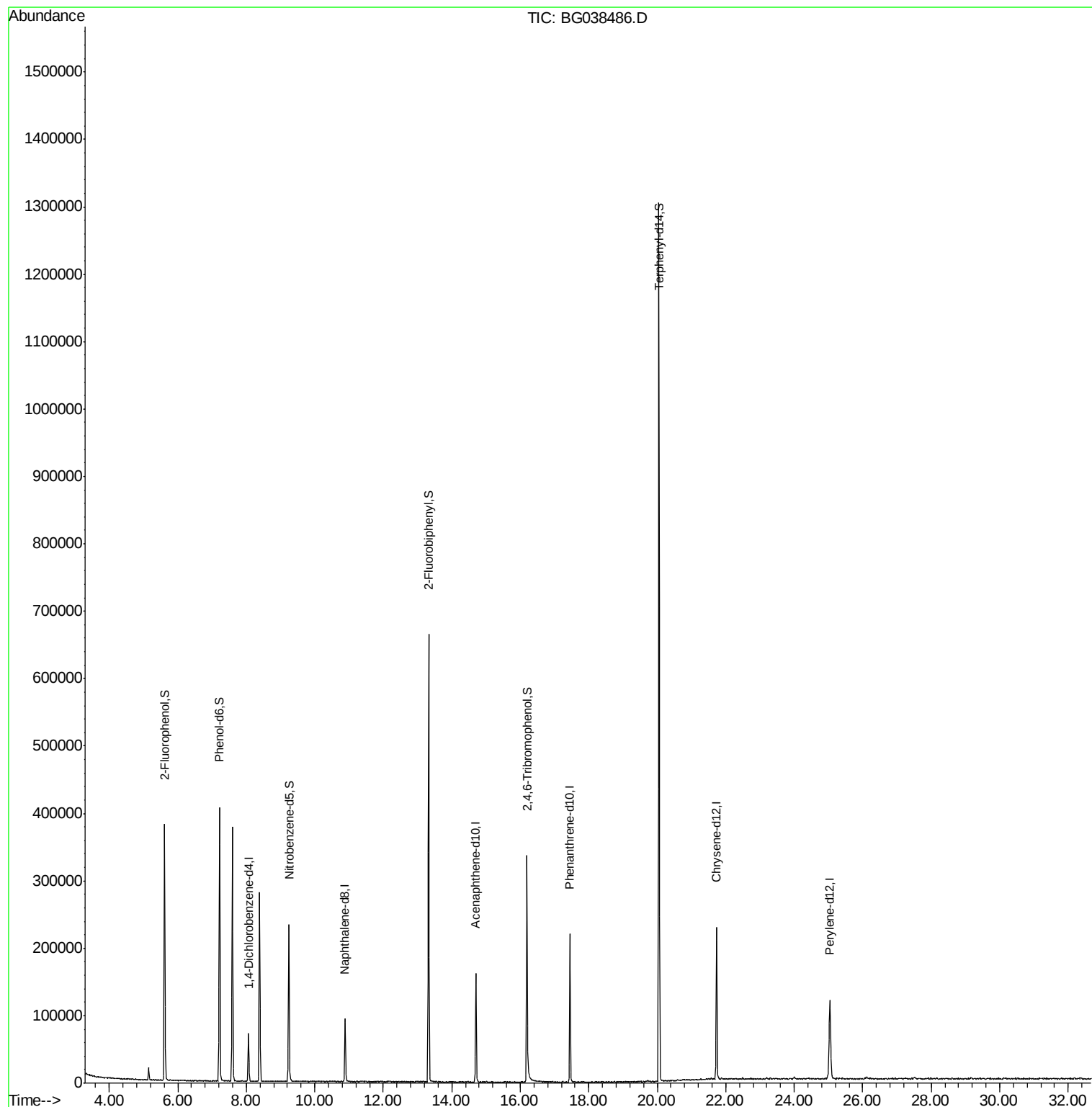
Target Compounds Qvalue

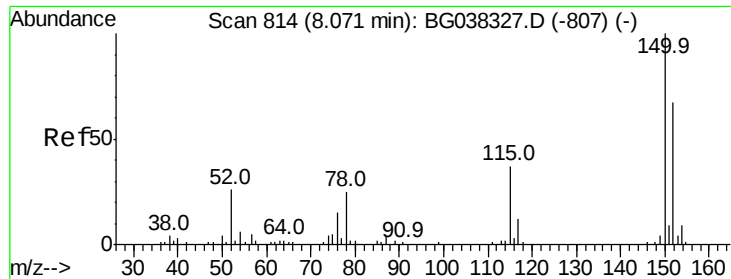
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
Data File : BG038486.D
Acq On : 12 Dec 2018 1:52
Operator : JU/SJ
Sample : PB115573TB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115573TB

Quant Time: Dec 12 12:49:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



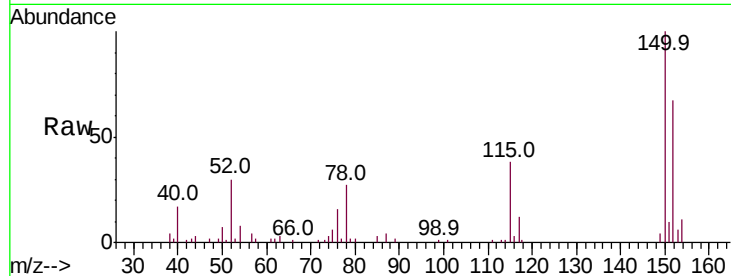


#1

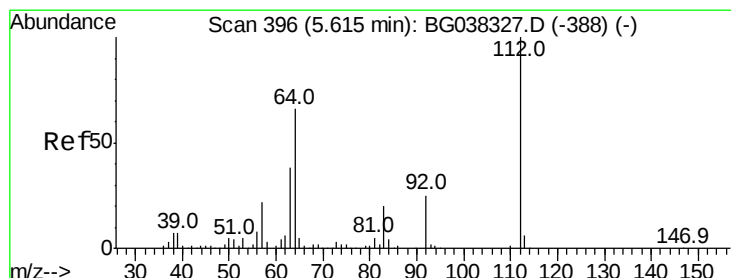
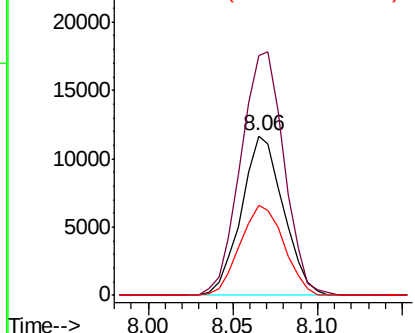
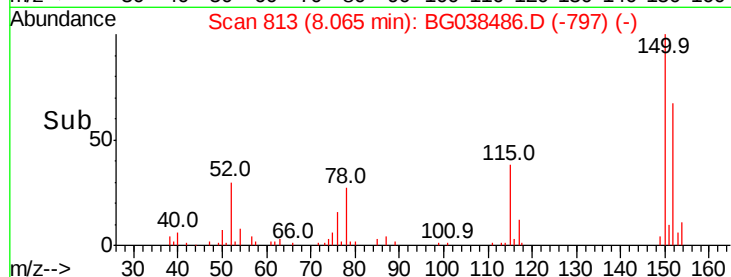
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038486.D
Acq: 12 Dec 2018 1:52

Instrument :
BNA_G
ClientSampleId :
PB115573TB

Tot Ion:152 Resp: 20262
Ion Ratio Lower Upper
152 100
150 150.2 126.0 189.0
115 56.5 45.5 68.3



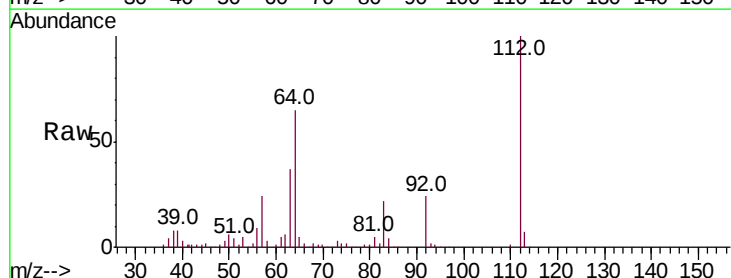
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



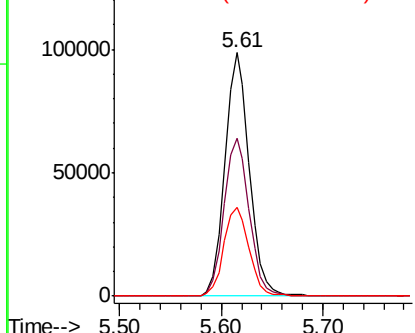
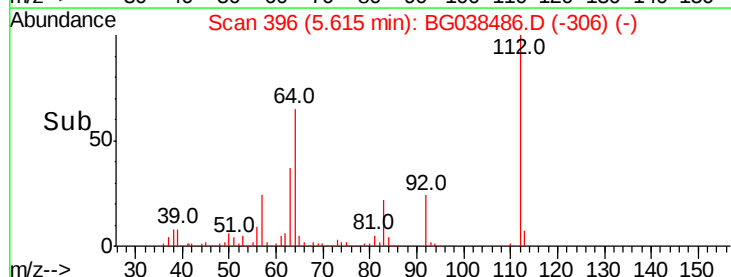
#5

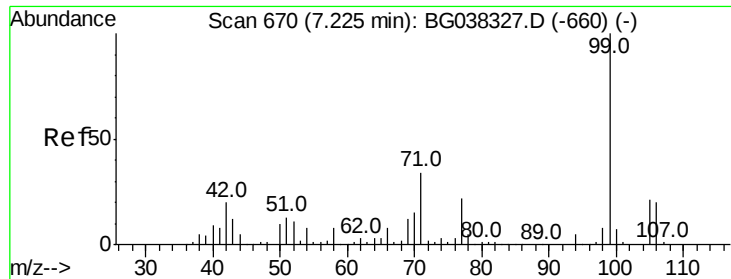
2-Fluorophenol
Concen: 143.212 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038486.D
Acq: 12 Dec 2018 1:52

Tgt Ion:112 Resp: 163974
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 36.7 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: 137.480 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038486.D

Acq: 12 Dec 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB115573TB

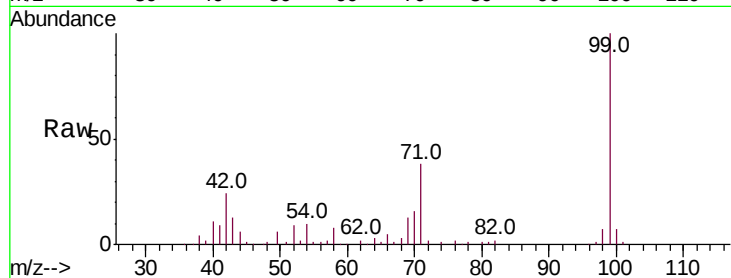
Tot Ion: 99 Resp: 227512

Ion Ratio Lower Upper

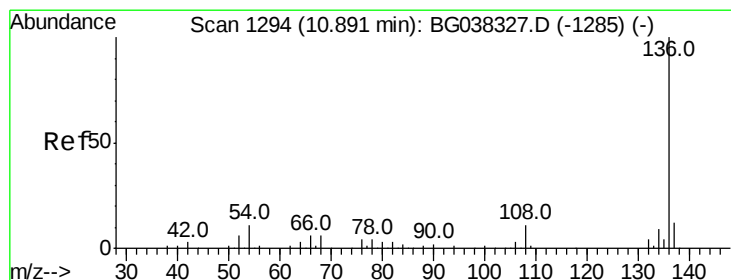
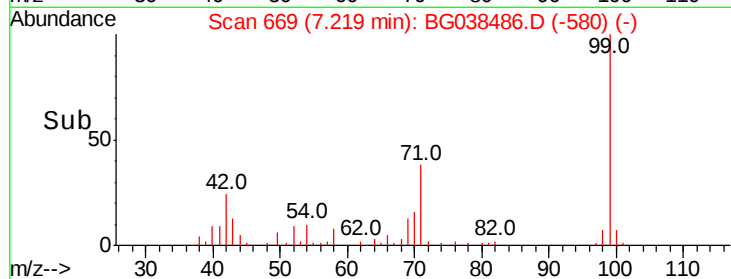
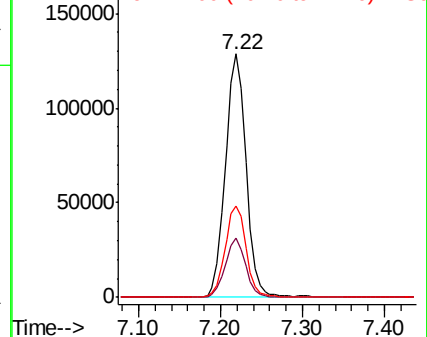
99 100

42 24.4 15.0 22.4#

71 37.7 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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038486.D

Acq: 12 Dec 2018 1:52

Tgt Ion: 136 Resp: 84748

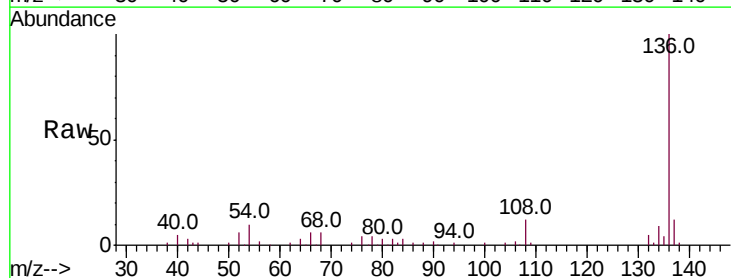
Ion Ratio Lower Upper

136 100

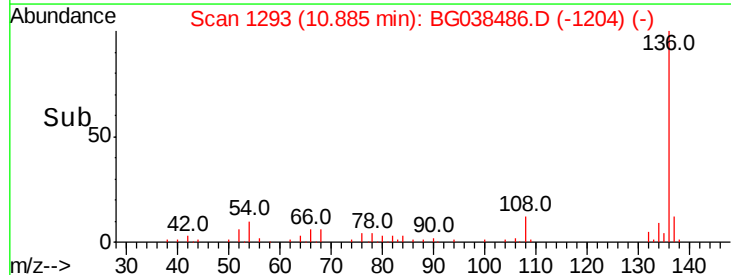
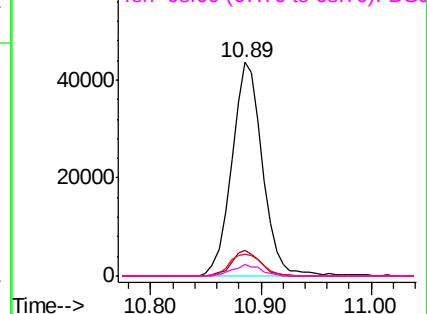
137 11.9 9.6 14.4

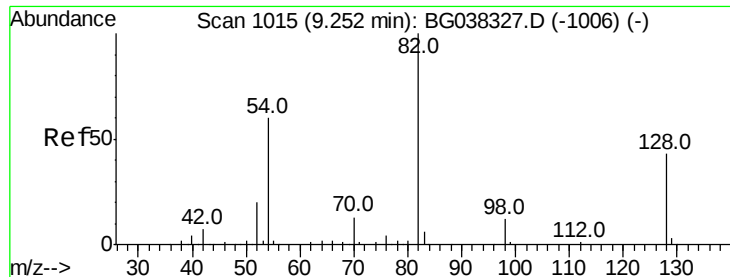
54 10.1 7.9 11.9

68 5.7 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

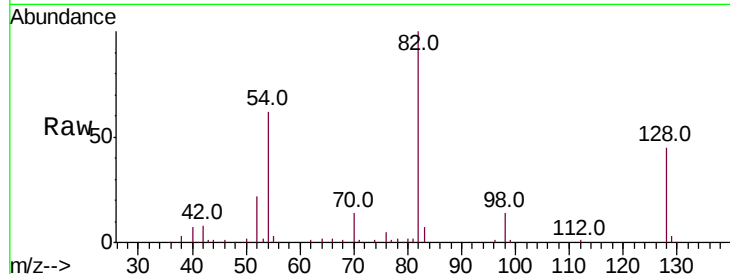




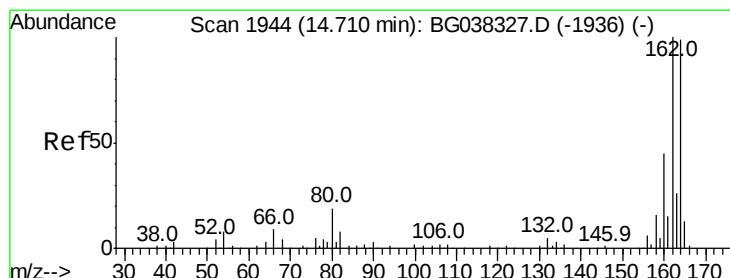
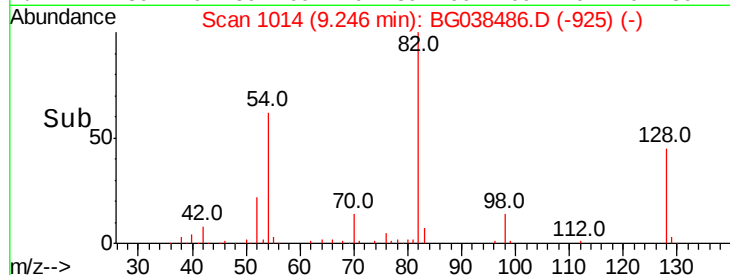
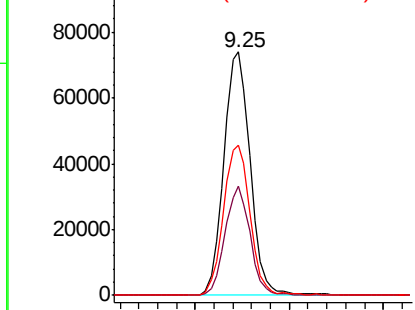
#23
 Nitrobenzene-d5
 Concen: 84.489 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038486.D
 Acq: 12 Dec 2018 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115573TB

Tot Ion	82	Resp	144222
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	61.6	45.3	67.9

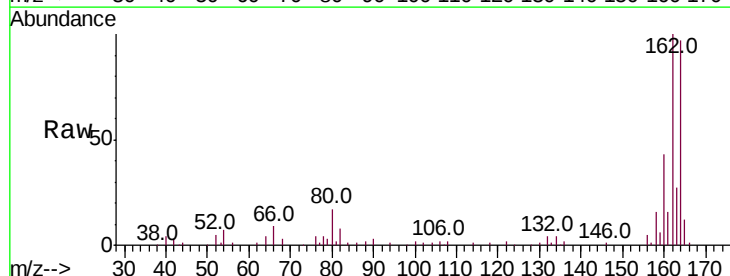


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

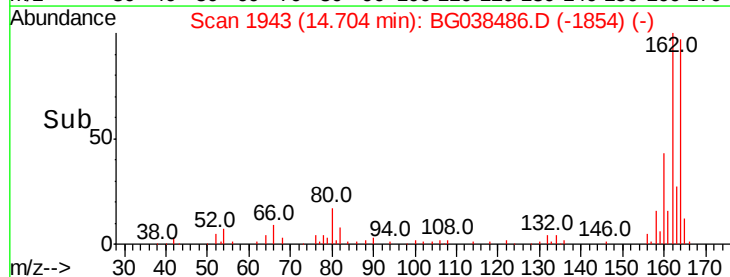
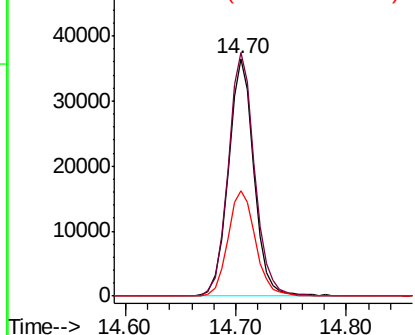


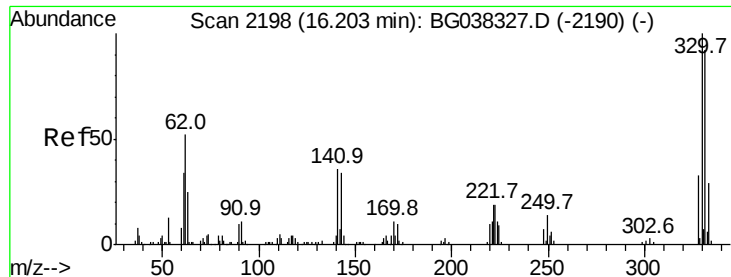
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038486.D
 Acq: 12 Dec 2018 1:52

Tgt Ion	164	Resp	58819
Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.3	121.9
160	44.5	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

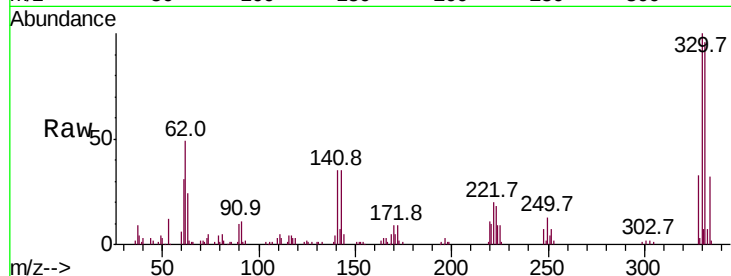




#42
 2,4,6-Tribromophenol
 Concen: 114.771 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038486.D
 Acq: 12 Dec 2018 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115573TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.6	78.4	117.6
141	35.5	32.2	48.2

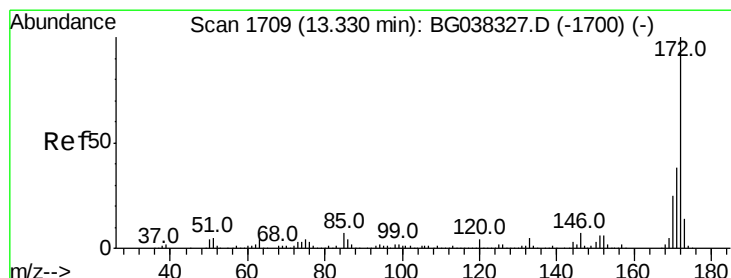
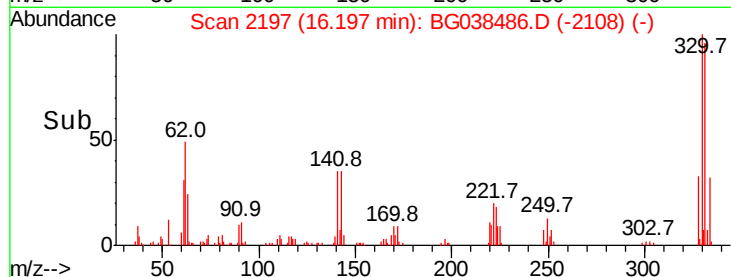
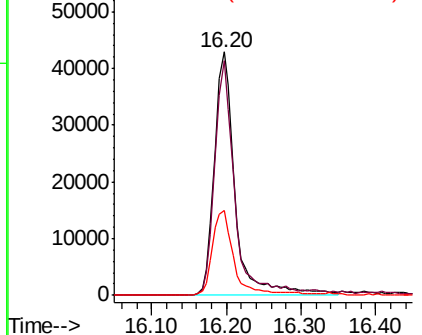


Abundance

Ion 329.80 (329.50 to 330.50): E

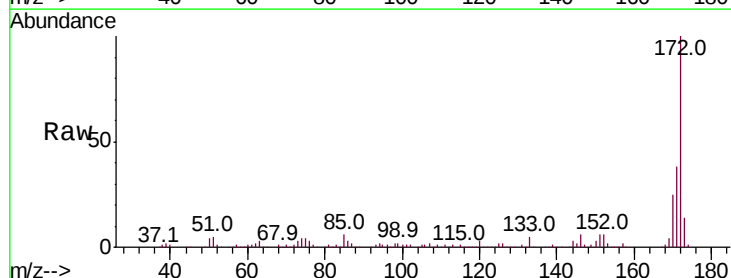
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.147 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038486.D
 Acq: 12 Dec 2018 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.7	20.2	30.2

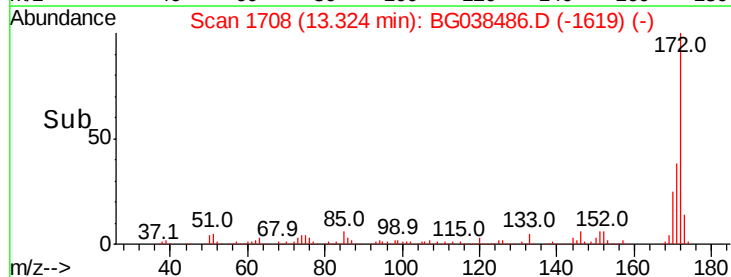
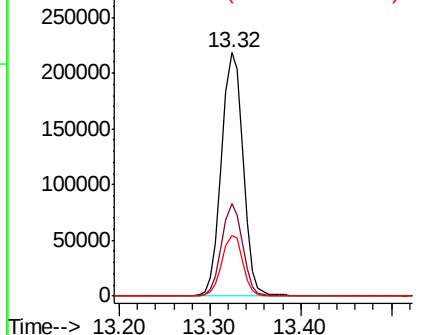


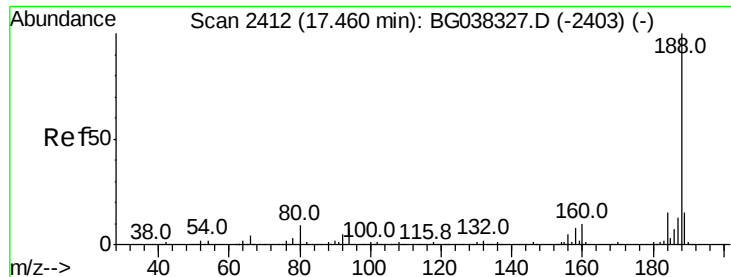
Abundance

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

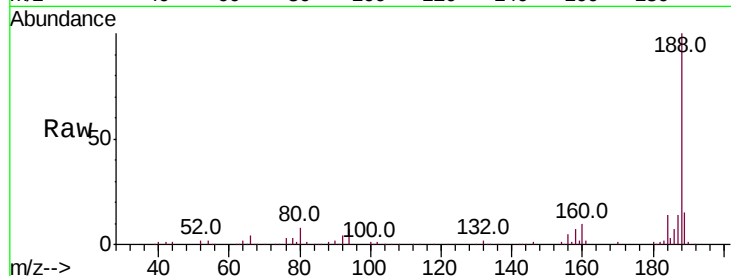




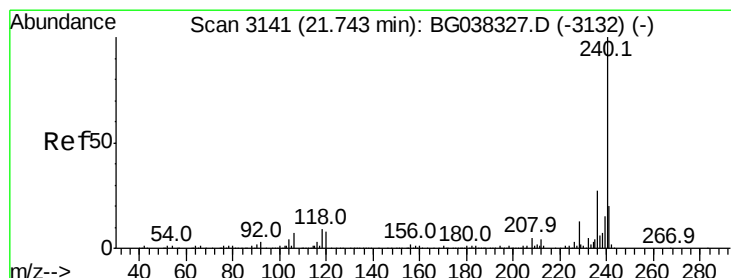
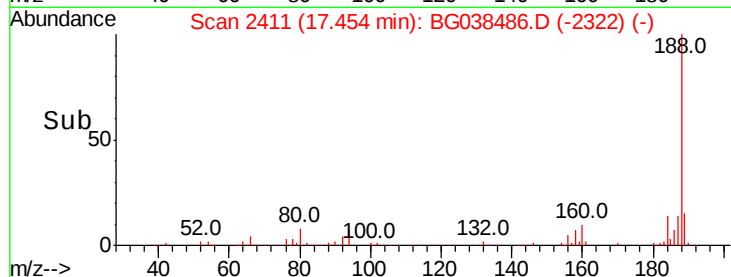
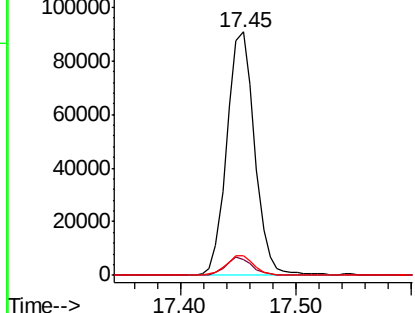
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038486.D
Acq: 12 Dec 2018 1:52

Instrument :
BNA_G
ClientSampleId :
PB115573TB

Tot Ion:188 Resp: 152120
Ion Ratio Lower Upper
188 100
94 6.5 7.2 10.8#
80 8.0 7.7 11.5

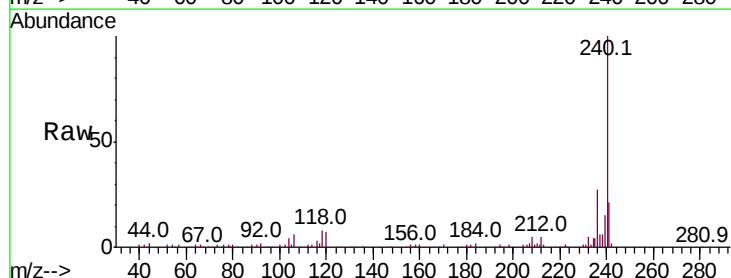


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

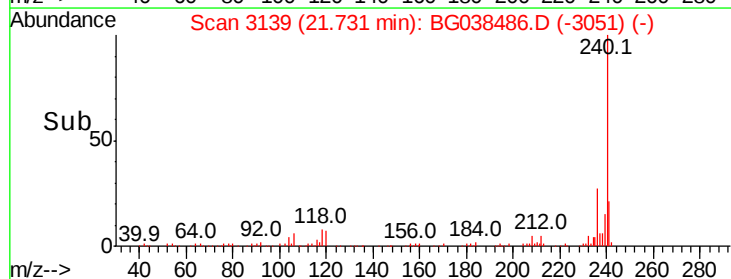
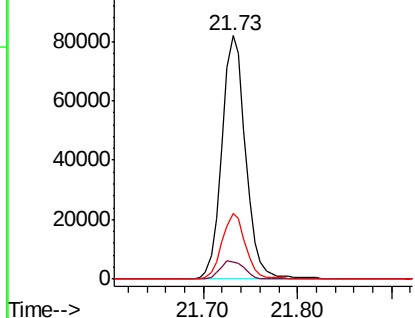


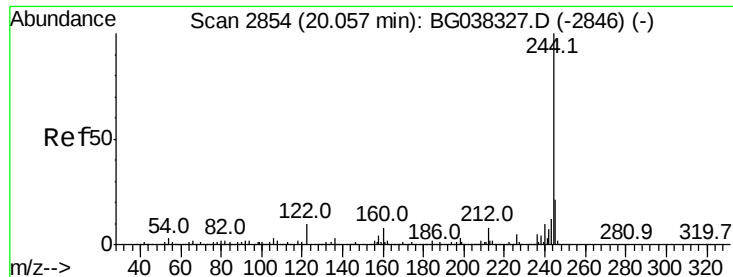
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038486.D
Acq: 12 Dec 2018 1:52

Tgt Ion:240 Resp: 144540
Ion Ratio Lower Upper
240 100
120 7.2 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: 98.351 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038486.D

Acq: 12 Dec 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB115573TB

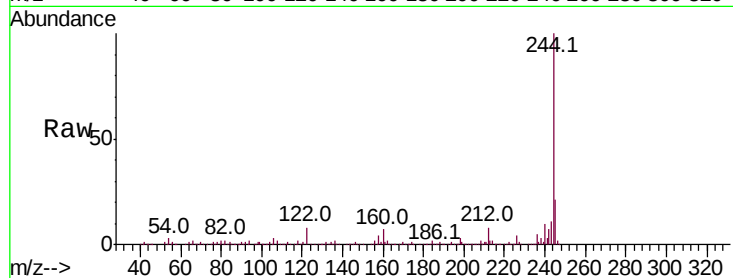
Tot Ion:244 Resp: 663582

Ion Ratio Lower Upper

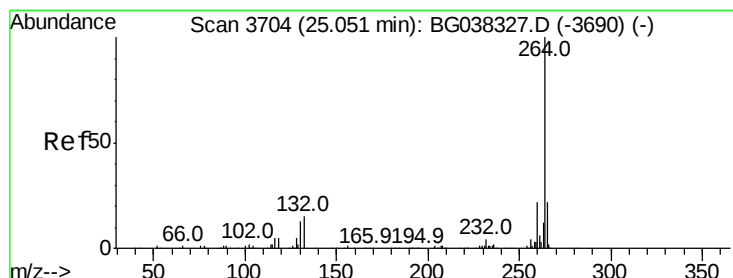
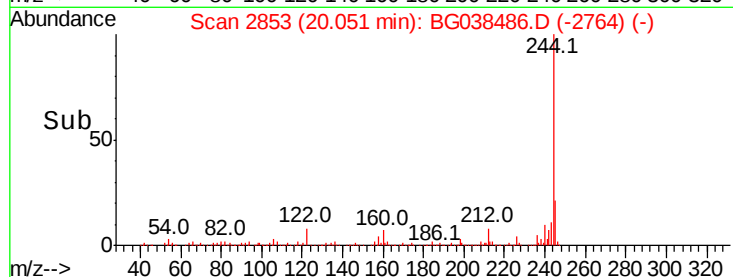
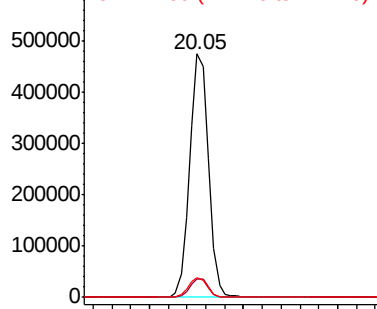
244 100

212 7.7 6.5 9.7

122 8.1 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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038486.D

Acq: 12 Dec 2018 1:52

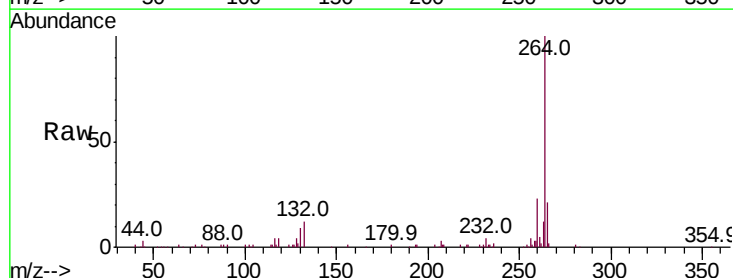
Tgt Ion:264 Resp: 152016

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.2 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

