

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038933.D
 Acq On : 4 Jan 2019 17:12
 Operator : JU/SJ
 Sample : K1017-26
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Jan 04 22:58:21 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	24650	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	97803	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	69430	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	181073	20.00	ng	0.00
76) Chrysene-d12	21.71	240	182148	20.00	ng	-0.02
87) Perylene-d12	25.00	264	187081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	172159	123.87	ng	0.00
7) Phenol-d6	7.21	99	212480	111.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	165457	86.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	156795	163.86	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	457525	90.40	ng	-0.01
79) Terphenyl-d14	20.04	244	882189	105.41	ng	0.00

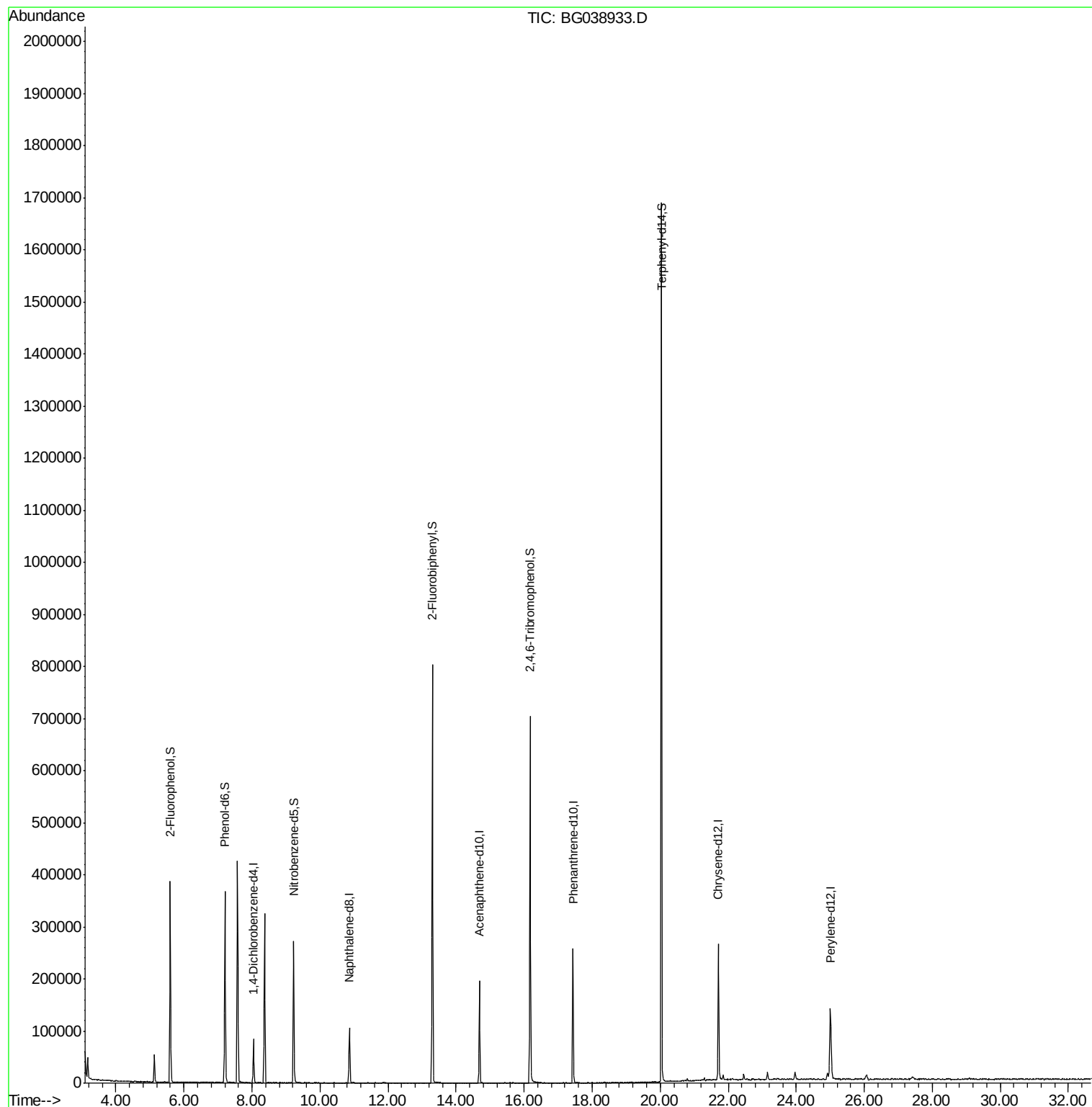
Target Compounds Qvalue

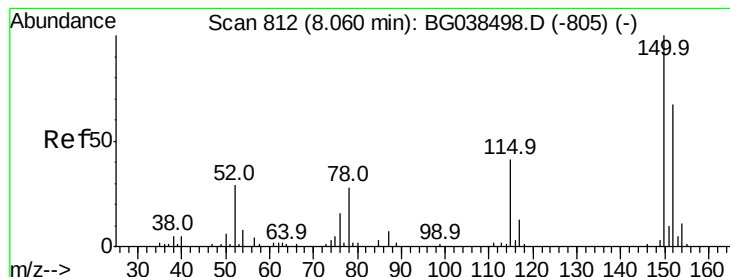
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038933.D
Acq On : 4 Jan 2019 17:12
Operator : JU/SJ
Sample : K1017-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5

Quant Time: Jan 04 22:58:21 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



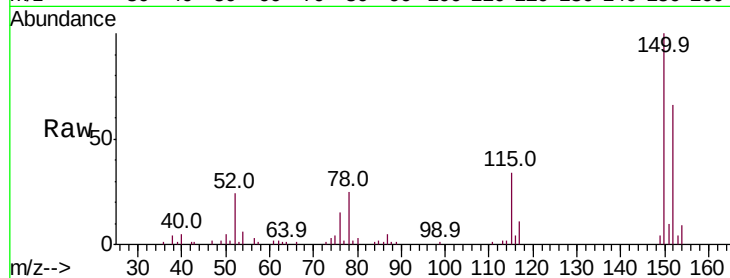


#1

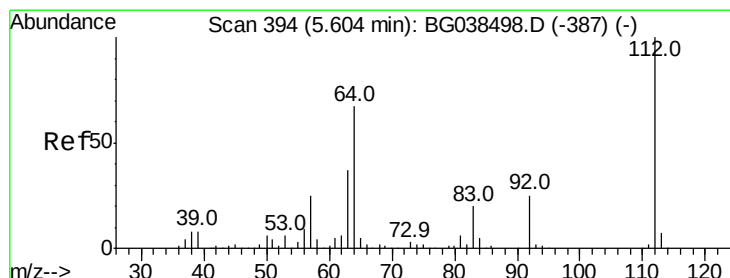
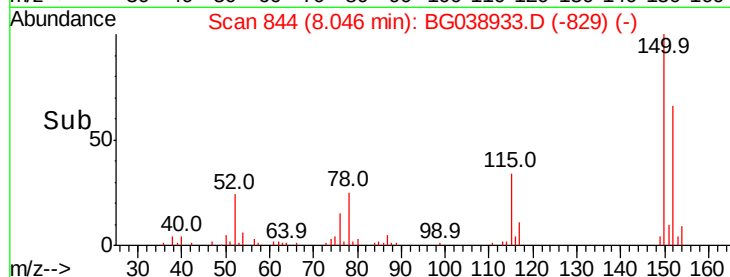
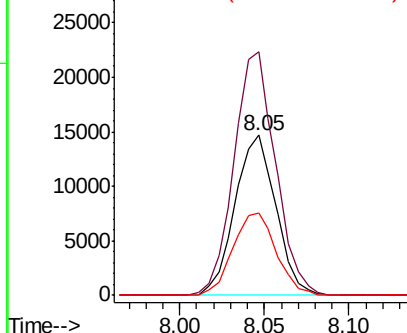
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038933.D
Acq: 4 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 24650
Ion Ratio Lower Upper
152 100
150 152.2 119.5 179.3
115 51.2 49.6 74.4



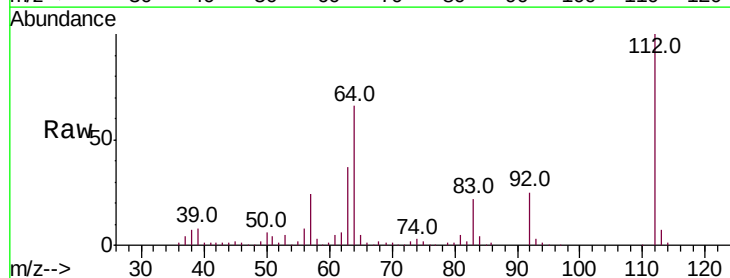
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



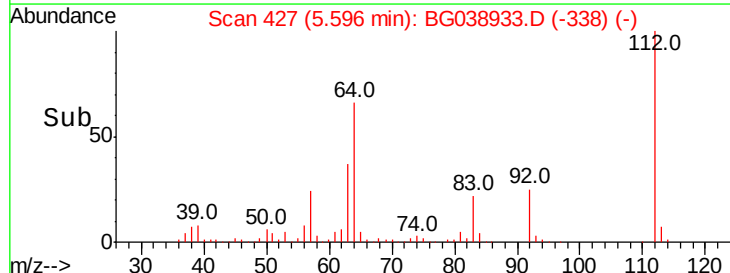
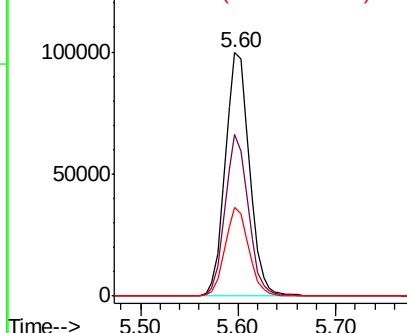
#5

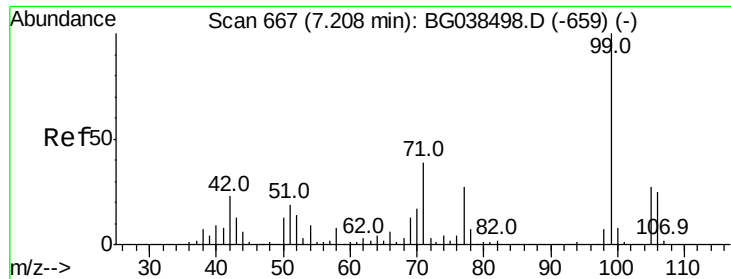
2-Fluorophenol
Concen: 123.874 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG038933.D
Acq: 4 Jan 2019 17:12

Tgt Ion:112 Resp: 172159
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 36.6 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: 111.368 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038933.D

Acq: 4 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

TP-5

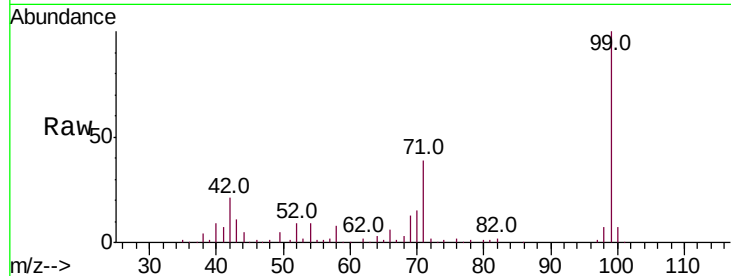
Tot Ion: 99 Resp: 212480

Ion Ratio Lower Upper

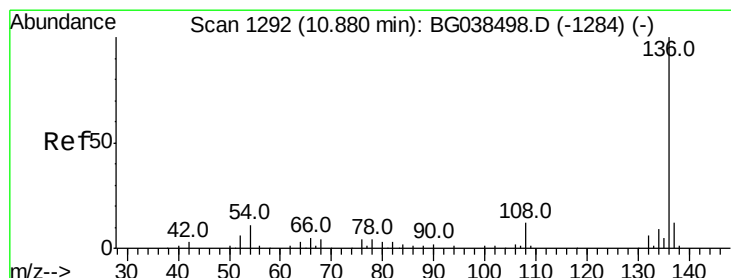
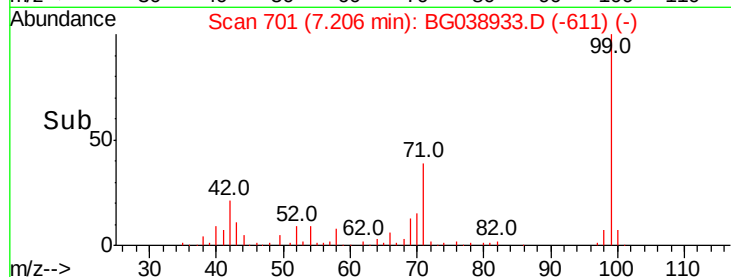
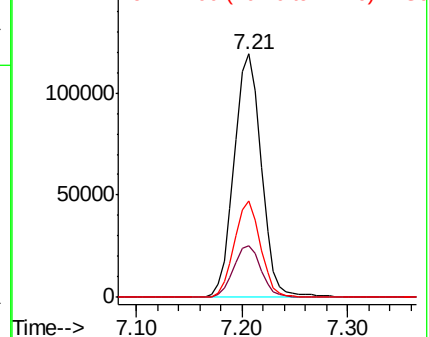
99 100

42 21.1 18.5 27.7

71 39.4 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: BG038933.D

Acq: 4 Jan 2019 17:12

Tgt Ion: 136 Resp: 97803

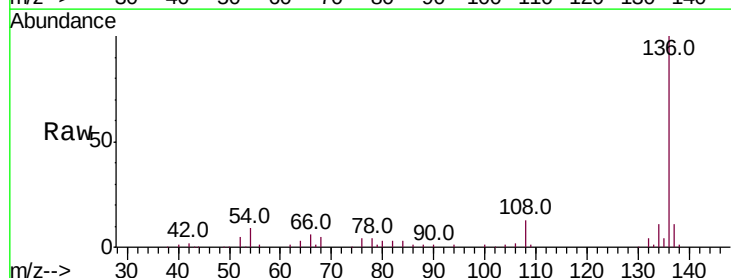
Ion Ratio Lower Upper

136 100

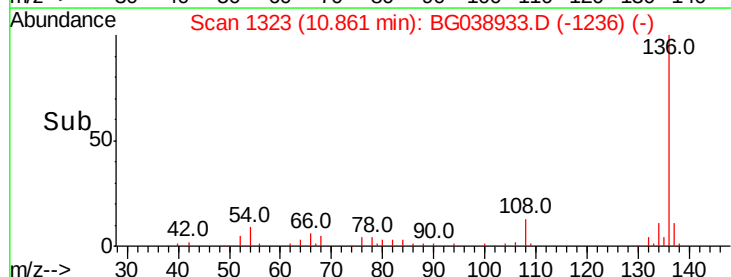
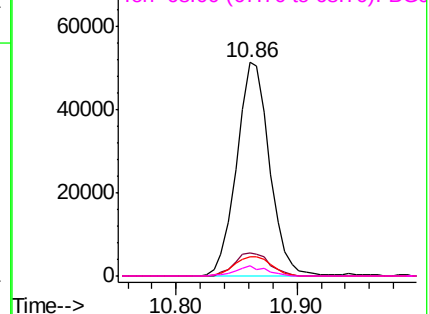
137 11.1 9.3 13.9

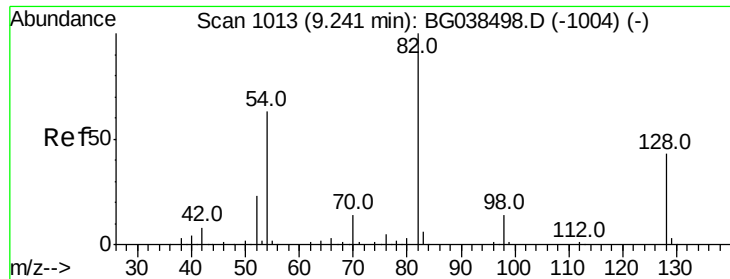
54 8.9 8.5 12.7

68 5.1 3.5 5.3



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

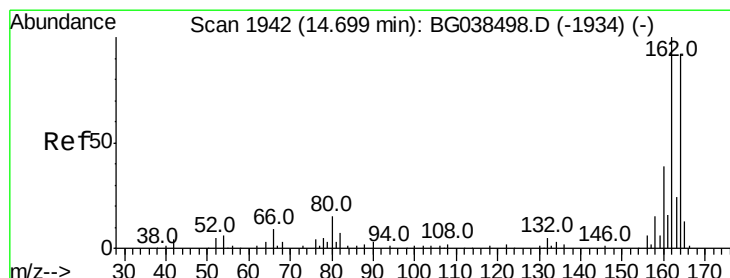
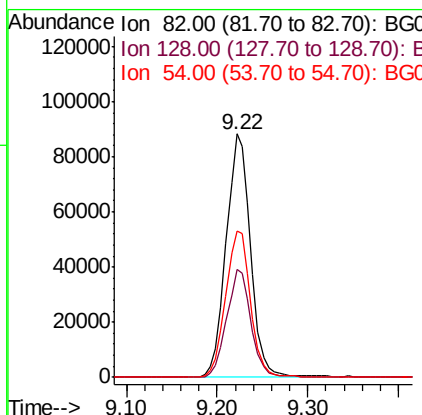
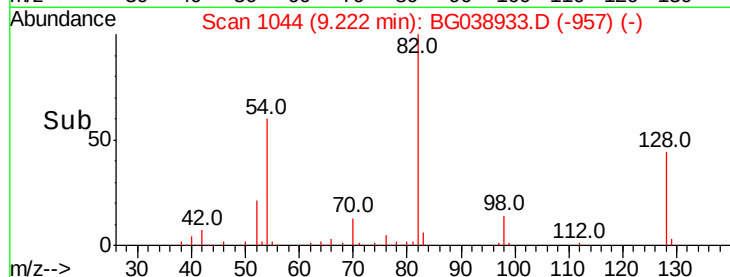
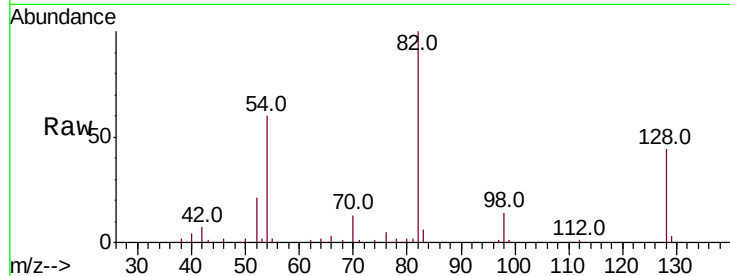




#23
 Nitrobenzene-d5
 Concen: 86.426 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038933.D
 Acq: 4 Jan 2019 17:12

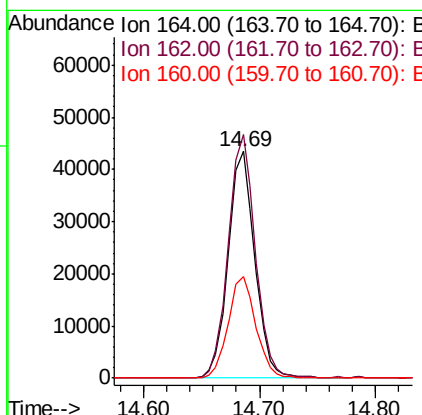
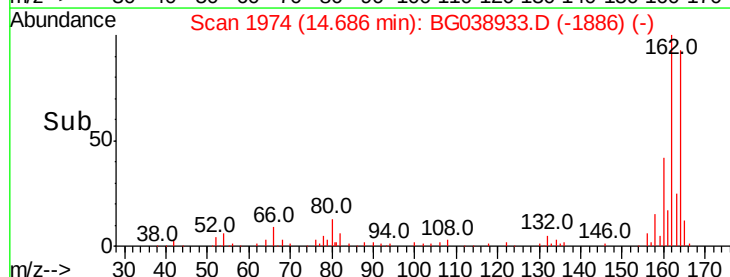
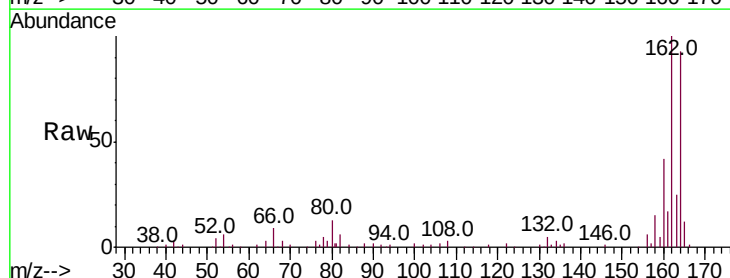
Instrument :
 BNA_G
 ClientSampled :
 TP-5

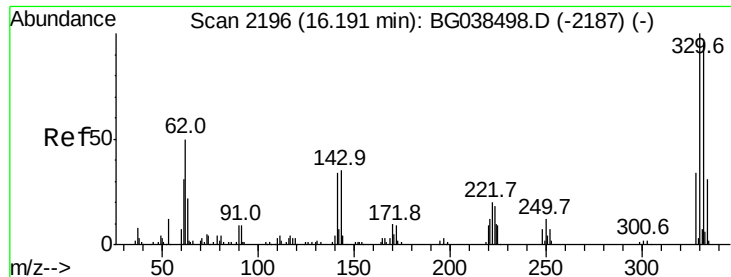
Tot Ion: 82 Resp: 165457
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 52.0
 54 60.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038933.D
 Acq: 4 Jan 2019 17:12

Tgt Ion: 164 Resp: 69430
 Ion Ratio Lower Upper
 164 100
 162 107.5 86.6 130.0
 160 45.0 34.2 51.2

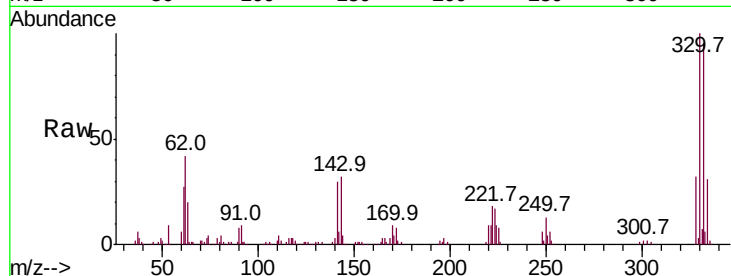




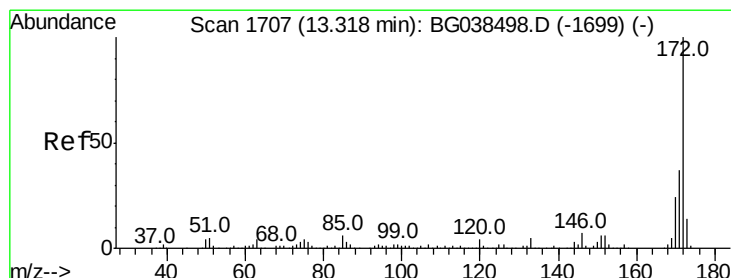
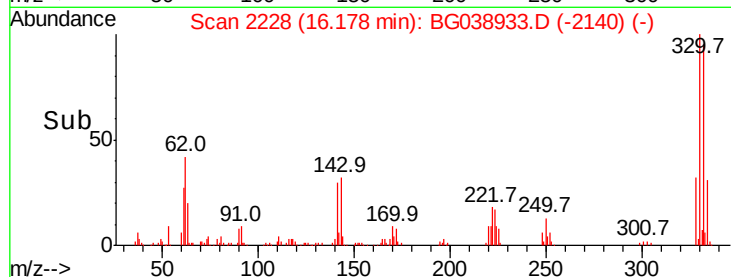
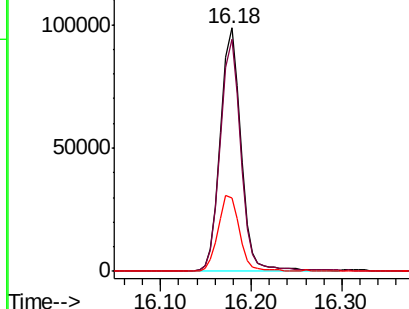
#42
 2,4,6-Tribromophenol
 Concen: 163.862 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038933.D
 Acq: 4 Jan 2019 17:12

Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.9	115.3
141	32.4	28.8	43.2

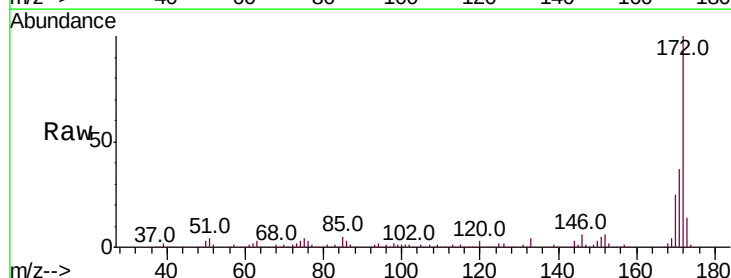


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

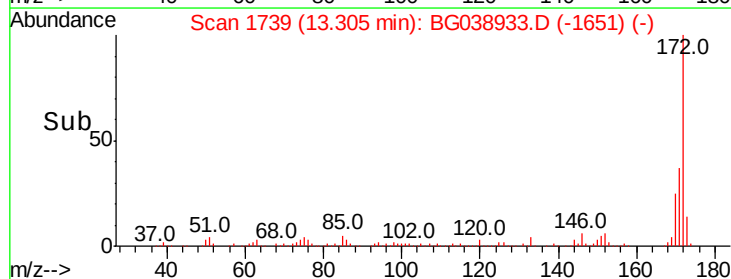
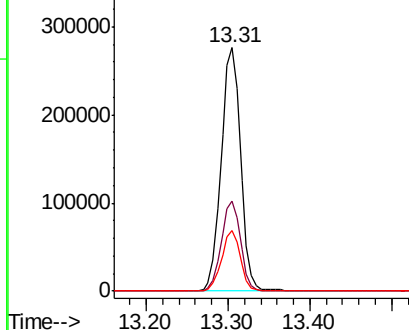


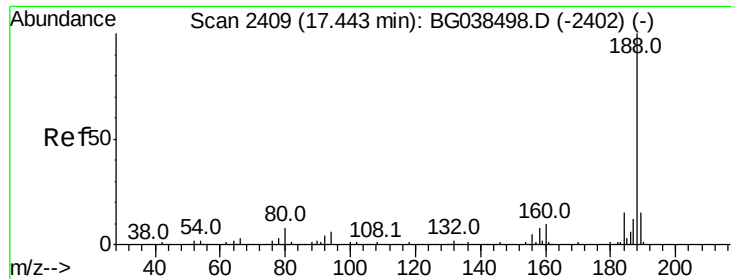
#45
 2-Fluorobiphenyl
 Concen: 90.401 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038933.D
 Acq: 4 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.7	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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038933.D

Acq: 4 Jan 2019 17:12

Instrument :

BNA_G

ClientSampled :

TP-5

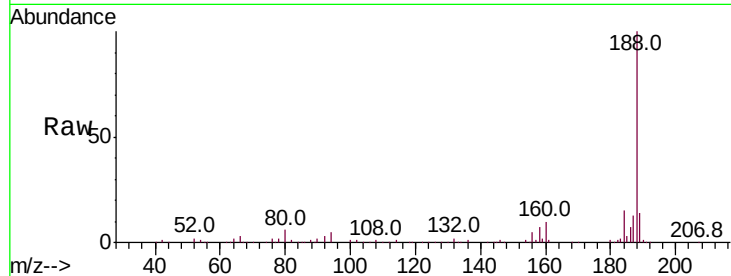
Tot Ion:188 Resp: 181073

Ion Ratio Lower Upper

188 100

94 5.4 5.1 7.7

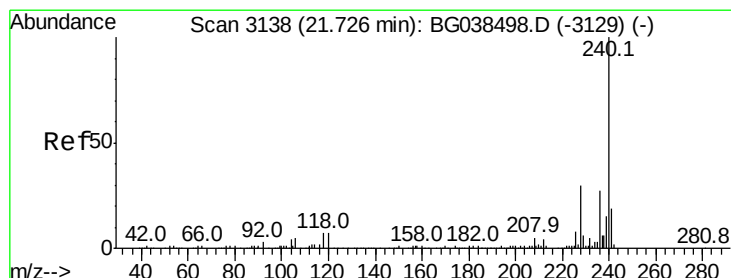
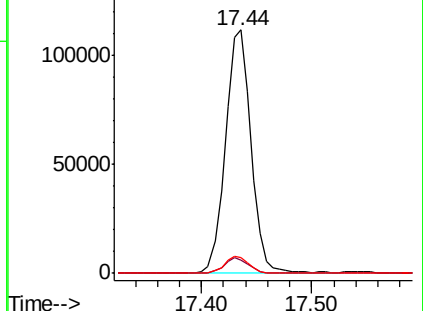
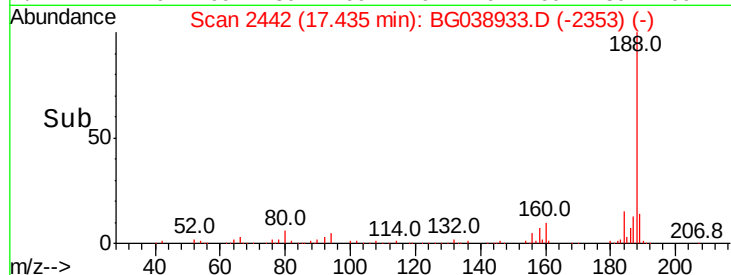
80 6.3 6.1 9.1



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG038933.D

Acq: 4 Jan 2019 17:12

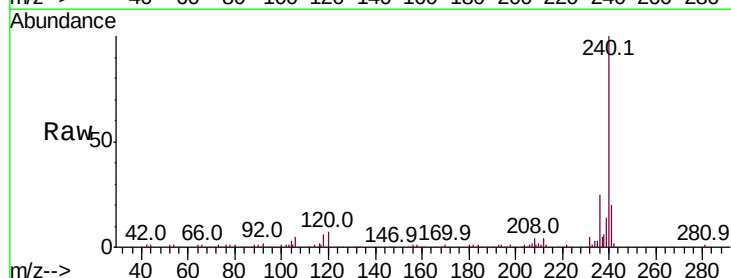
Tgt Ion:240 Resp: 182148

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

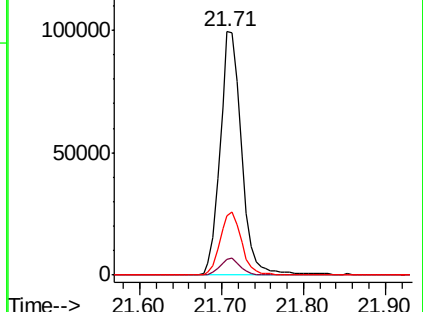
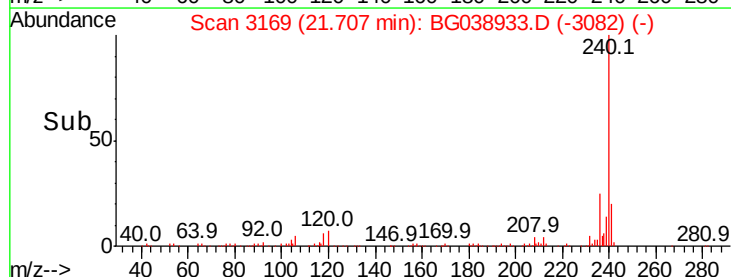
236 24.6 21.4 32.2

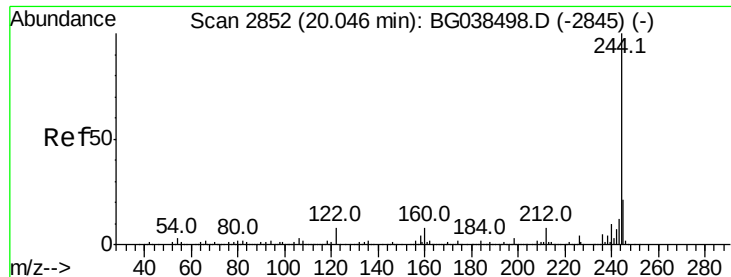


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.405 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038933.D

Acq: 4 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

TP-5

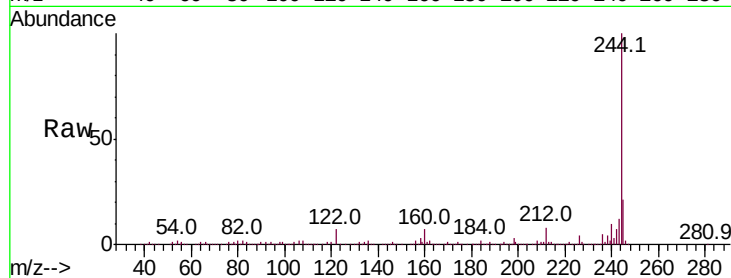
Tot Ion:244 Resp: 882189

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	6.8	6.3	9.5

244 100

212 7.6 6.2 9.2

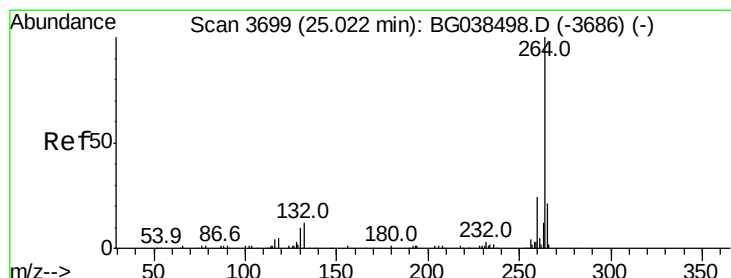
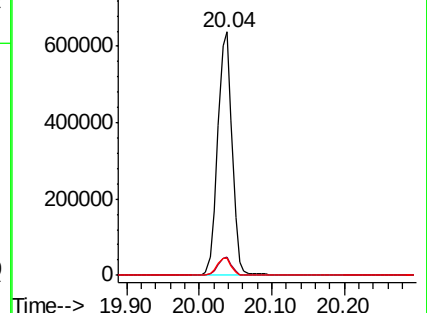
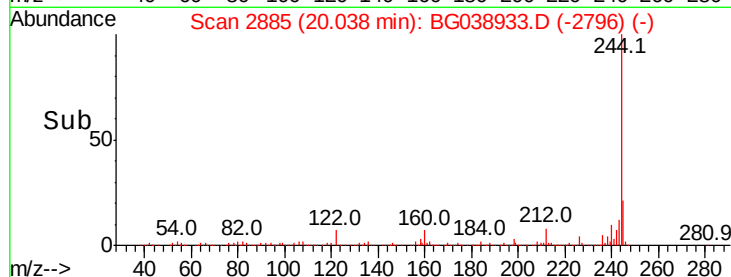
122 6.8 6.3 9.5



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: BG038933.D

Acq: 4 Jan 2019 17:12

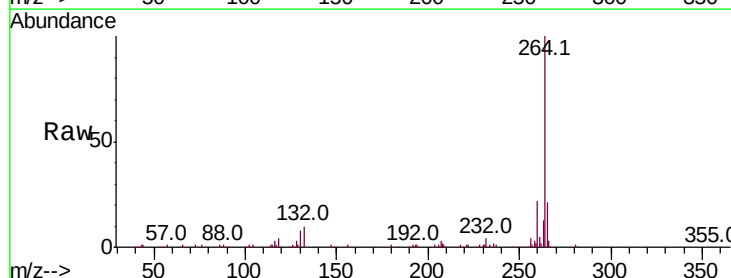
Tgt Ion:264 Resp: 187081

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	21.5	17.0	25.4

264 100

260 22.4 18.9 28.3

265 21.5 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

