

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038756.D
 Acq On : 20 Dec 2018 10:14
 Operator : JU/SJ
 Sample : J6465-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOFB02_121718

Quant Time: Dec 20 11:18:42 2018
 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	25323	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102243	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	69922	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	184565	20.00	ng	0.00
76) Chrysene-d12	21.72	240	196014	20.00	ng	0.00
87) Perylene-d12	25.01	264	205698	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	87176	61.06	ng	0.00
7) Phenol-d6	7.21	99	70668	36.06	ng	0.00
23) Nitrobenzene-d5	9.24	82	183875	91.88	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	157925	163.88	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	488811	95.90	ng	0.00
79) Terphenyl-d14	20.04	244	957848	106.35	ng	0.00

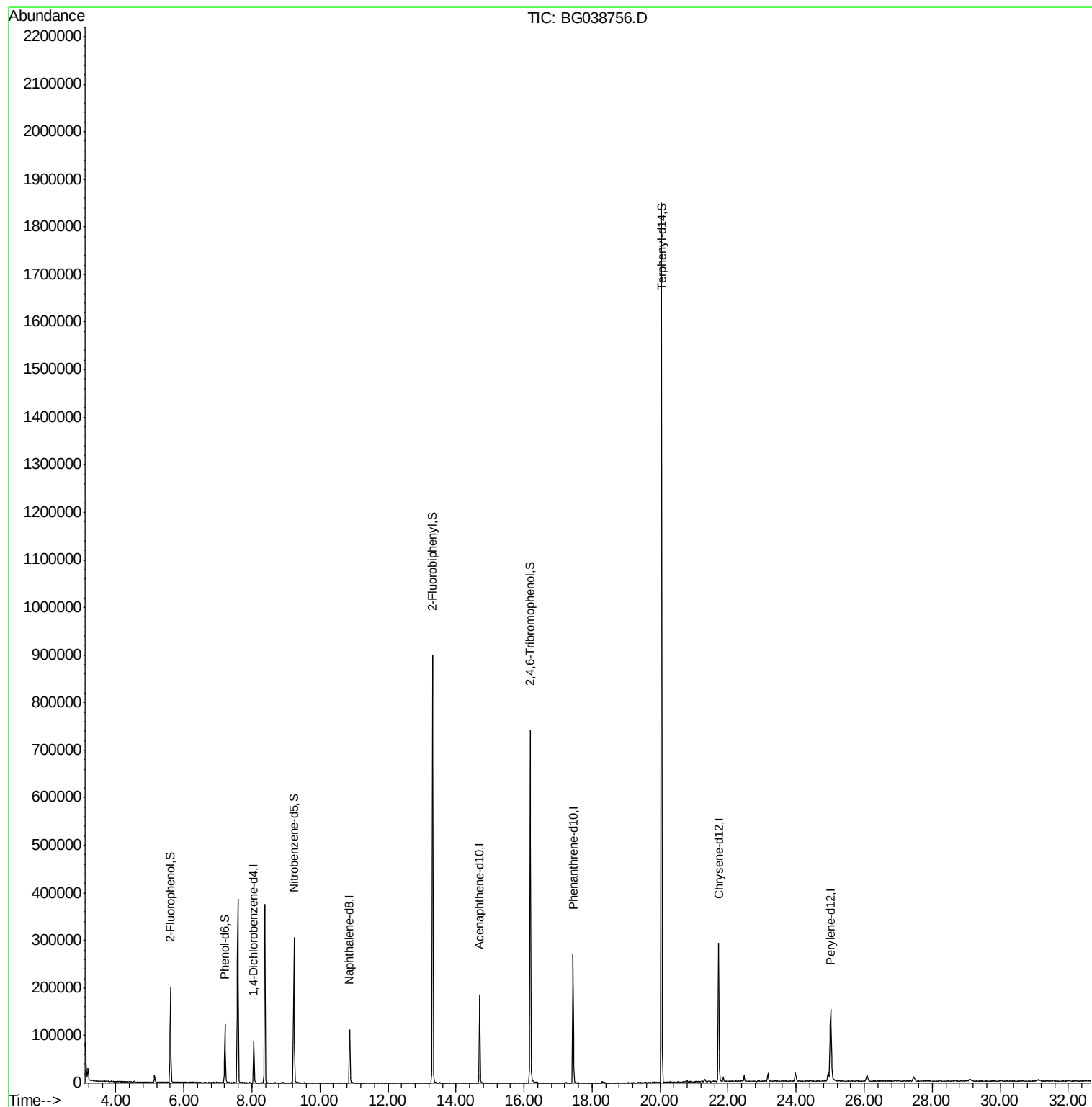
Target Compounds Qvalue

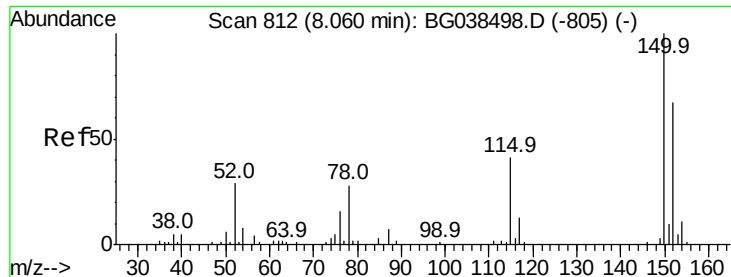
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038756.D
Acq On : 20 Dec 2018 10:14
Operator : JU/SJ
Sample : J6465-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOFB02_121718

Quant Time: Dec 20 11:18:42 2018
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



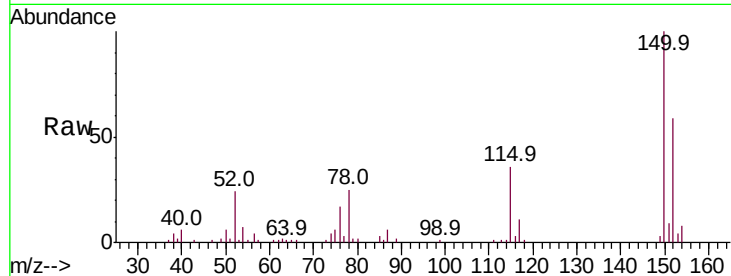


#1

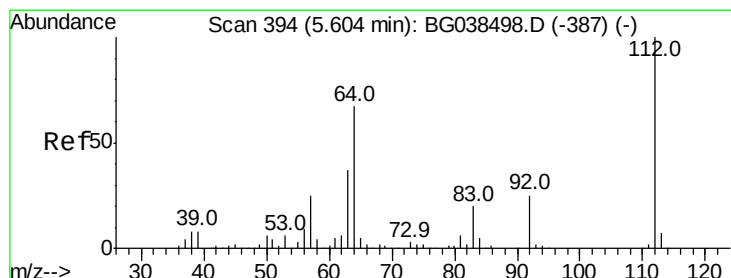
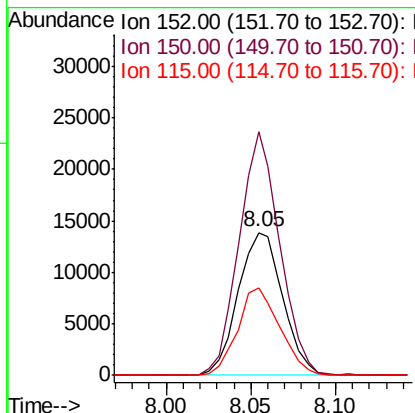
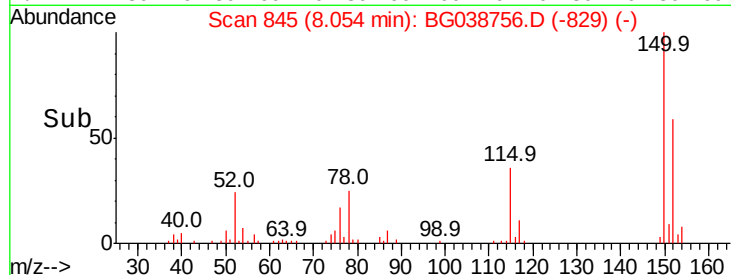
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG038756.D
 Acq: 20 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 SOFB02_121718

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.3	119.5	179.3
115	61.3	49.6	74.4



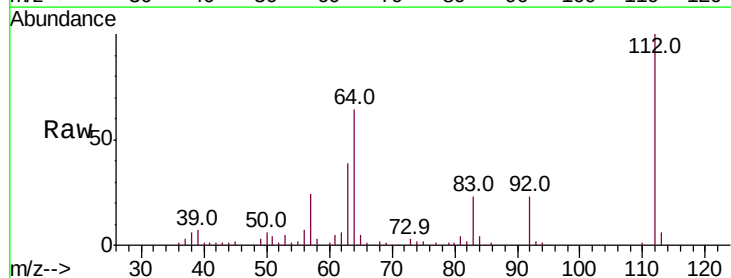
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



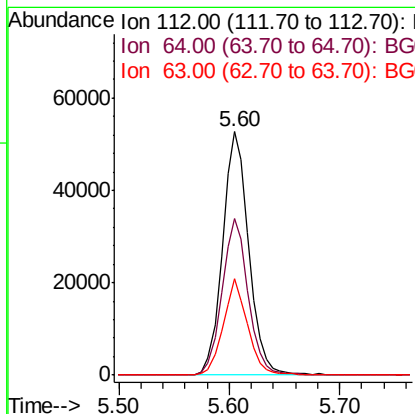
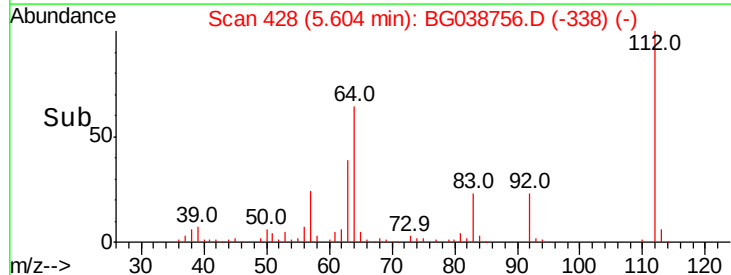
#5

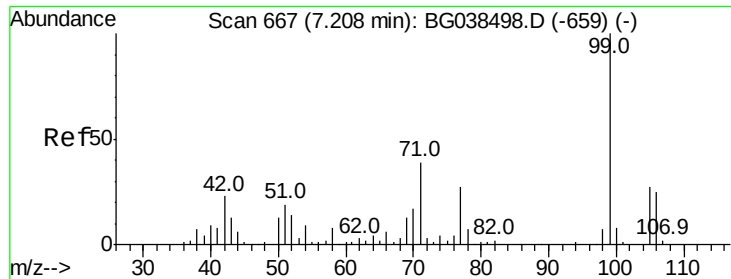
2-Fluorophenol
 Concen: 61.059 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038756.D
 Acq: 20 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.4	80.2
63	39.4	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: 36.055 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038756.D

Acq: 20 Dec 2018 10:14

Instrument :

BNA_G

ClientSampleId :

SOFB02_121718

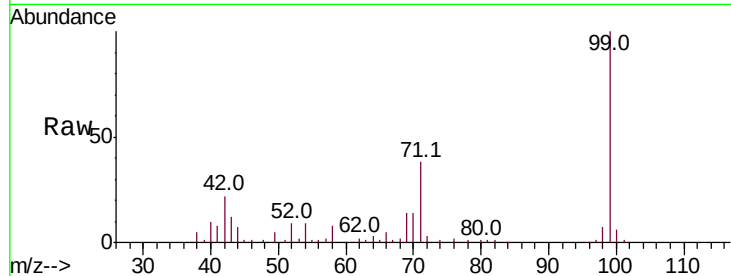
Tot Ion: 99 Resp: 70668

Ion Ratio Lower Upper

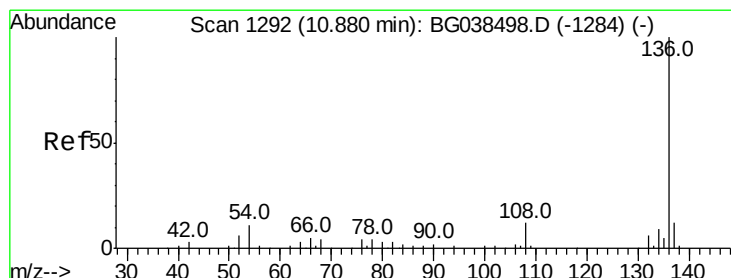
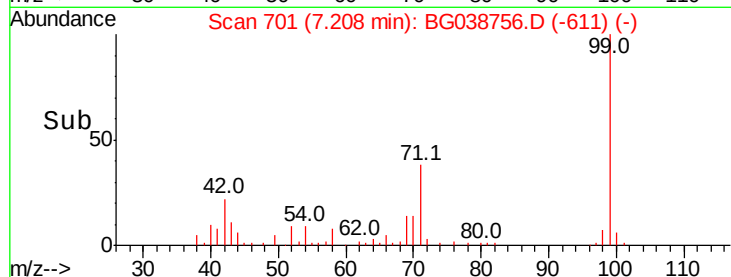
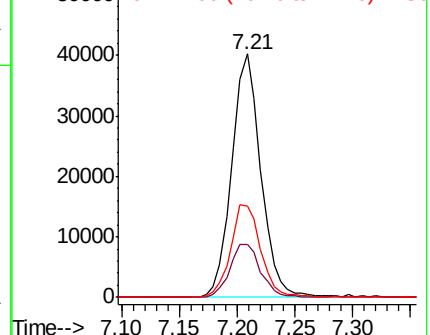
99 100

42 21.9 18.5 27.7

71 37.7 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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038756.D

Acq: 20 Dec 2018 10:14

Tgt Ion: 136 Resp: 102243

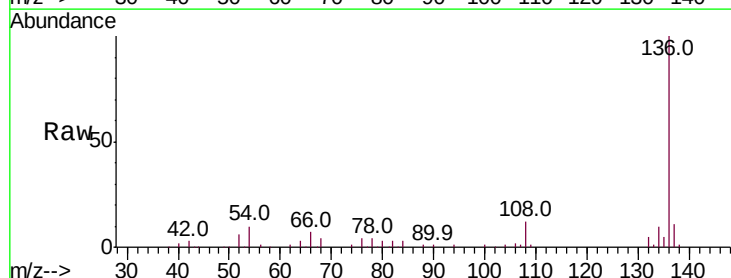
Ion Ratio Lower Upper

136 100

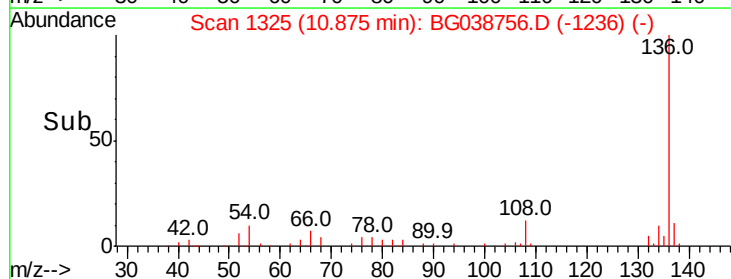
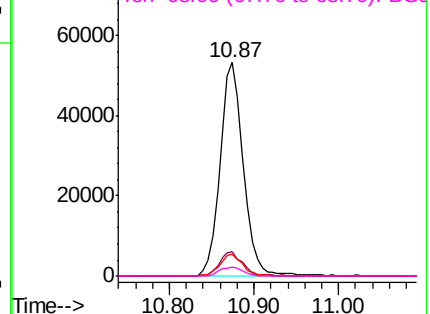
137 11.3 9.3 13.9

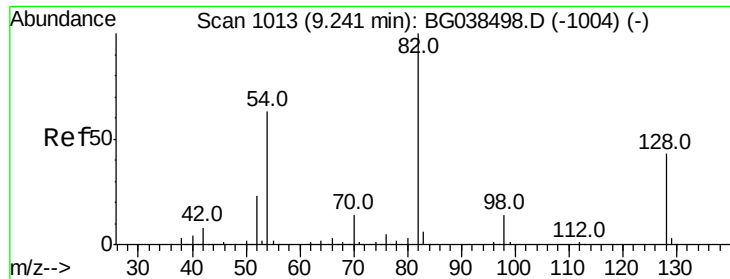
54 10.5 8.5 12.7

68 4.3 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

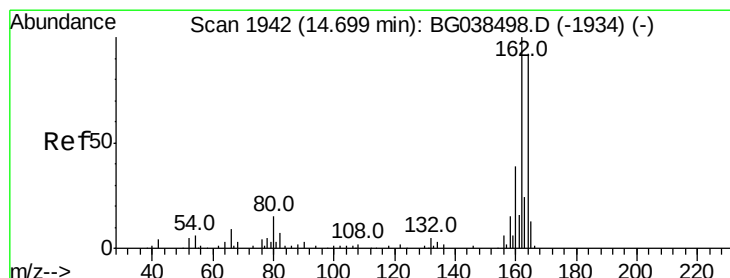
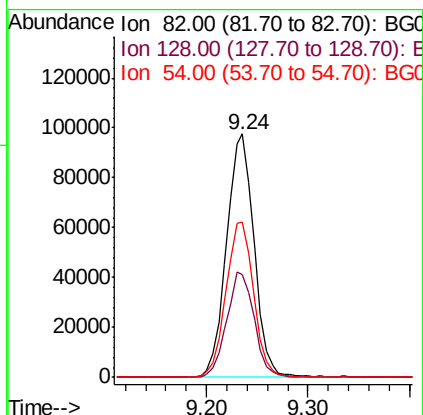
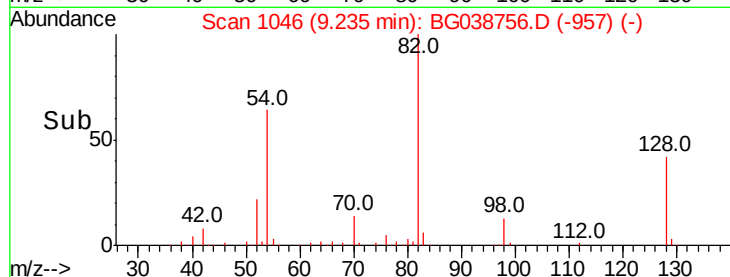
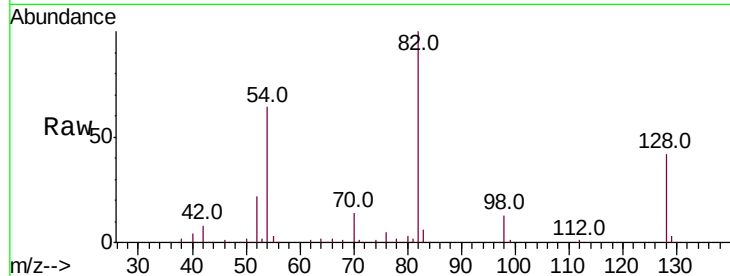




#23
Nitrobenzene-d5
Concen: 91.876 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038756.D
Acq: 20 Dec 2018 10:14

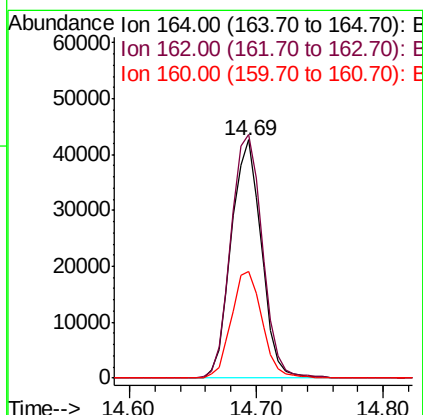
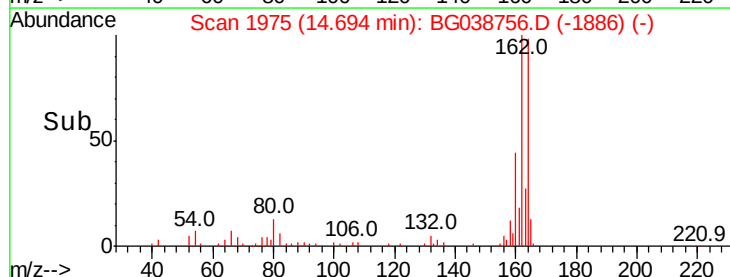
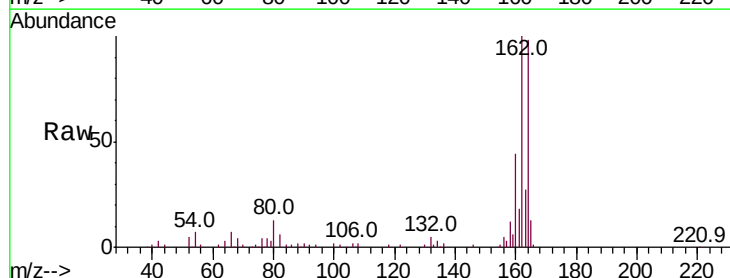
Instrument :
BNA_G
ClientSampleId :
SOFB02_121718

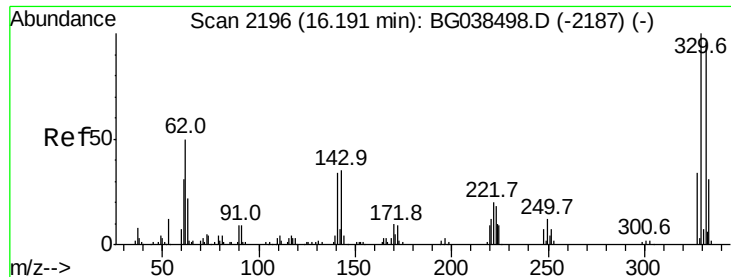
Tot Ion: 82 Resp: 183875
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 63.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038756.D
Acq: 20 Dec 2018 10:14

Tgt Ion: 164 Resp: 69922
Ion Ratio Lower Upper
164 100
162 102.1 86.6 130.0
160 44.8 34.2 51.2

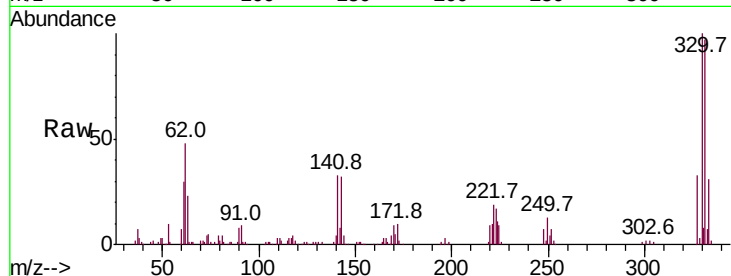




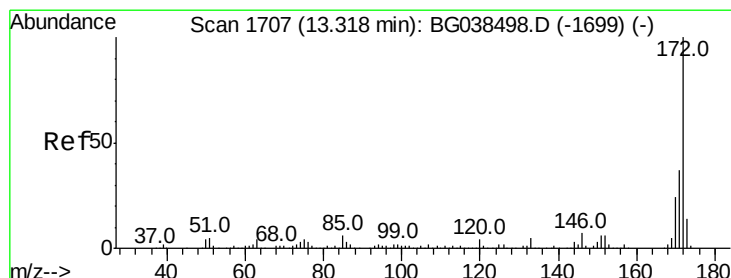
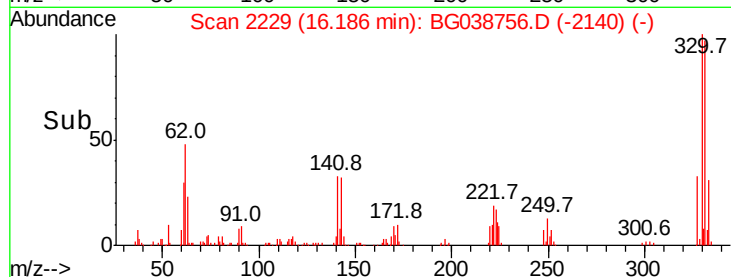
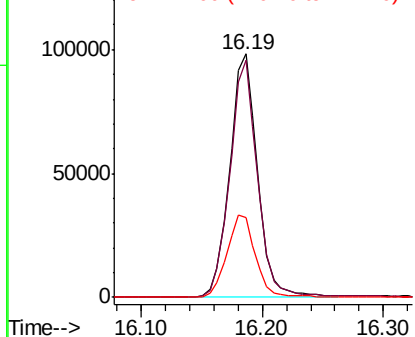
#42
 2,4,6-Tribromophenol
 Concen: 163.882 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038756.D
 Acq: 20 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 SOFB02_121718

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	34.7	28.8	43.2

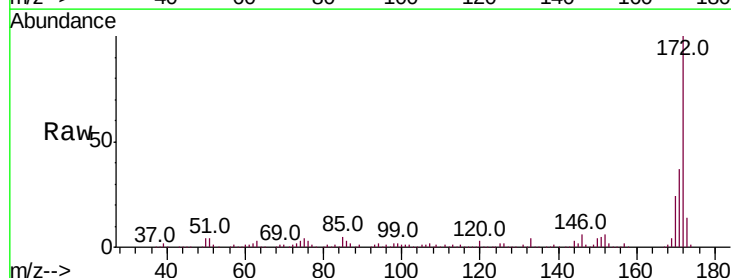


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

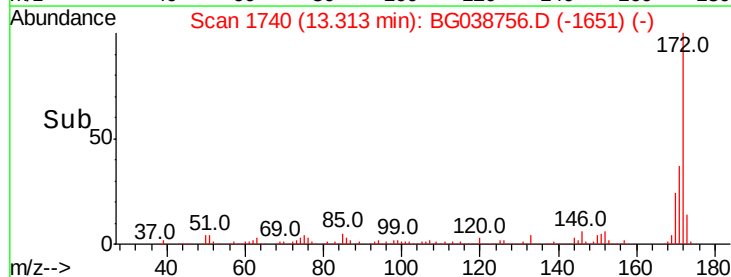
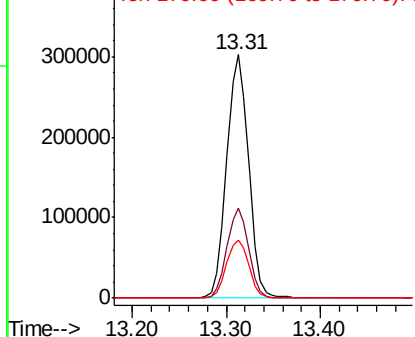


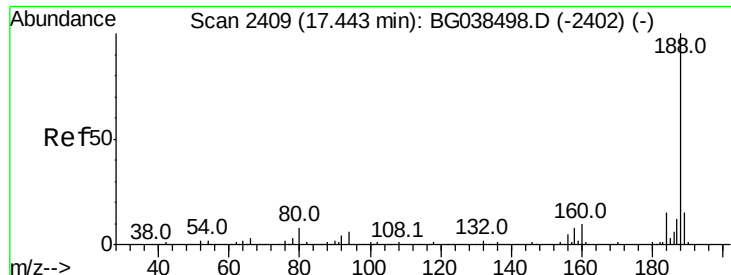
#45
 2-Fluorobiphenyl
 Concen: 95.903 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038756.D
 Acq: 20 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.1	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

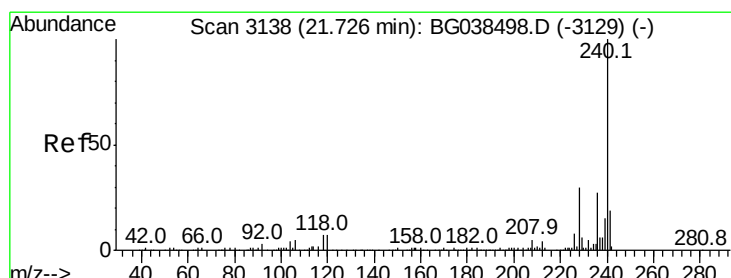
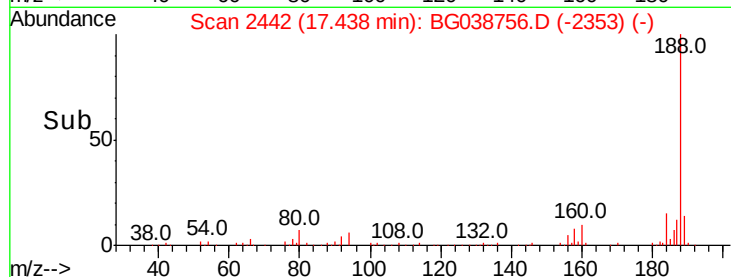
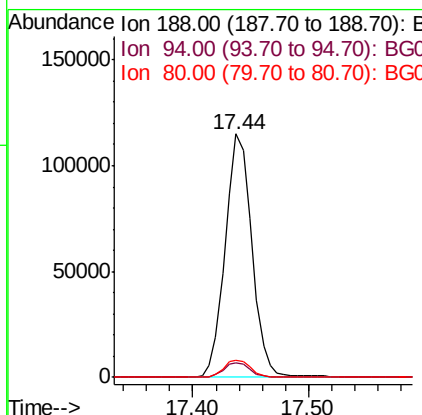
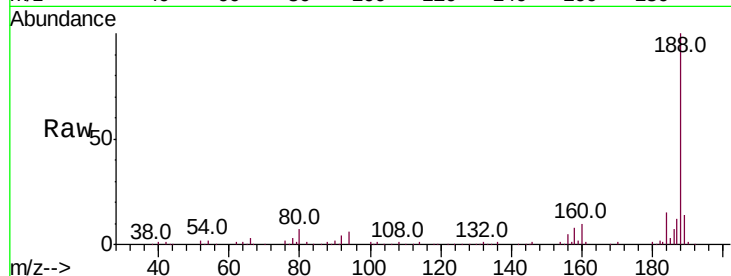




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038756.D
Acq: 20 Dec 2018 10:14

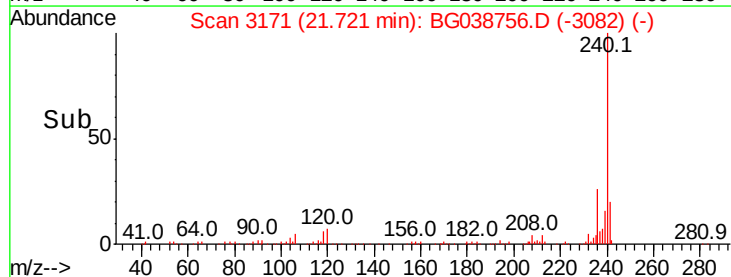
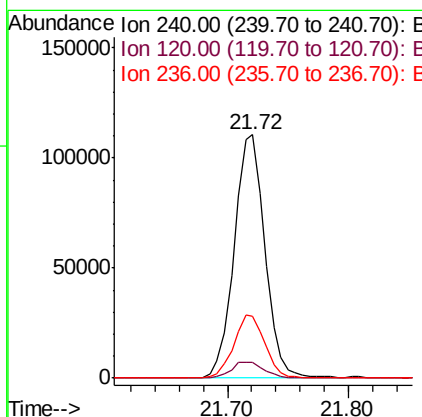
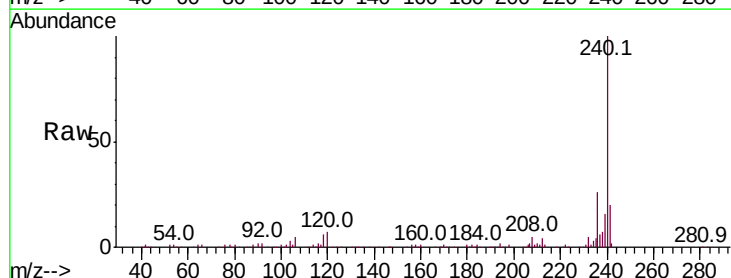
Instrument :
BNA_G
ClientSampleId :
SOFB02_121718

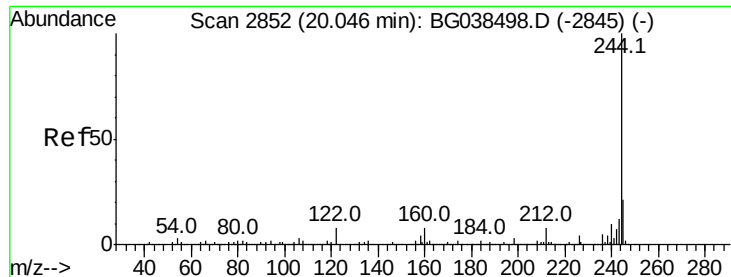
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	6.9	6.1	9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038756.D
Acq: 20 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	25.7	21.4	32.2





#79

Terphenyl-d14

Concen: 106.349 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038756.D

Acq: 20 Dec 2018 10:14

Instrument :

BNA_G

ClientSampleId :

SOFB02_121718

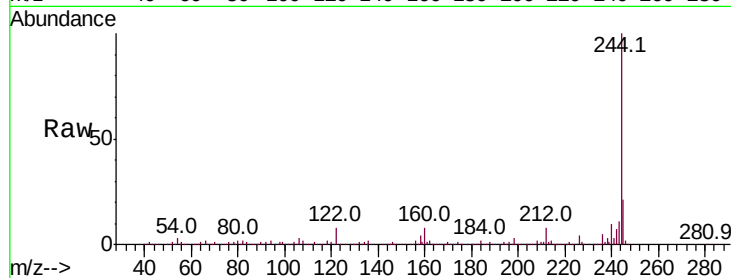
Tot Ion:244 Resp: 957848

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

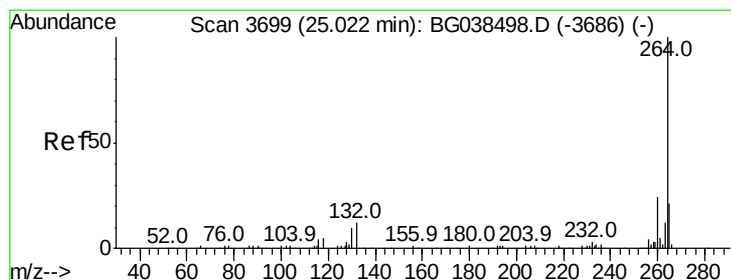
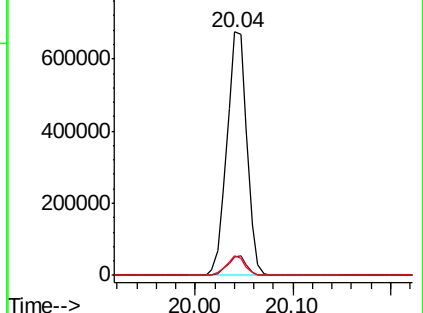
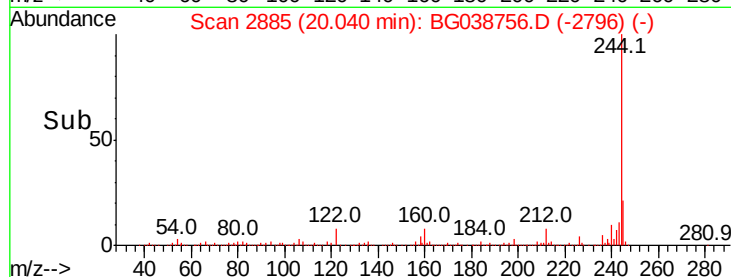
122 7.9 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038756.D

Acq: 20 Dec 2018 10:14

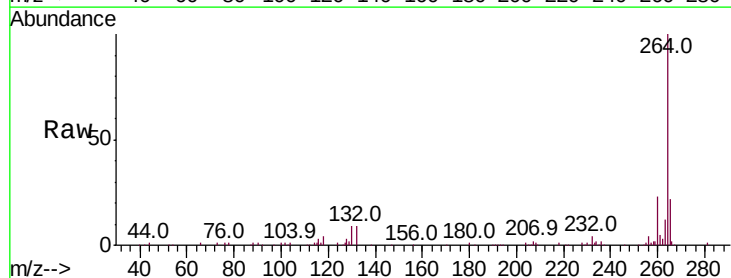
Tgt Ion:264 Resp: 205698

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.6 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

