

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038787.D
 Acq On : 21 Dec 2018 15:30
 Operator : JU/SJ
 Sample : PB115904BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BL

Quant Time: Dec 22 01:40:11 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	8.06	152	25338	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106491	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	77097	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	191651	20.00	ng	0.00
76) Chrysene-d12	21.72	240	187558	20.00	ng	0.00
87) Perylene-d12	25.02	264	192643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	151679	106.17	ng	0.00
7) Phenol-d6	7.21	99	215142	109.70	ng	0.00
23) Nitrobenzene-d5	9.24	82	127772	61.30	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	116942	110.06	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	359369	63.95	ng	0.00
79) Terphenyl-d14	20.04	244	657626	76.31	ng	0.00

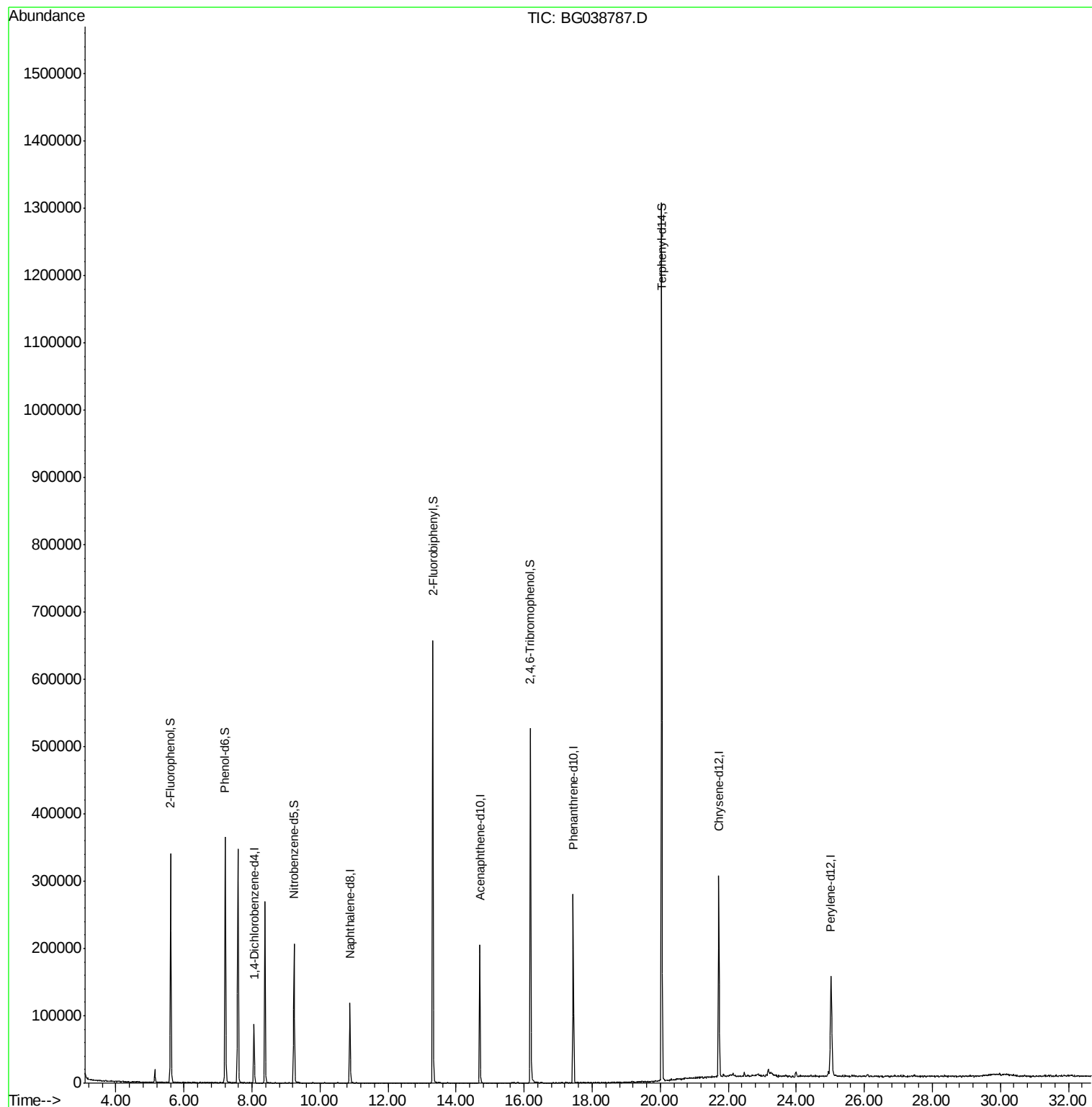
Target Compounds Qvalue

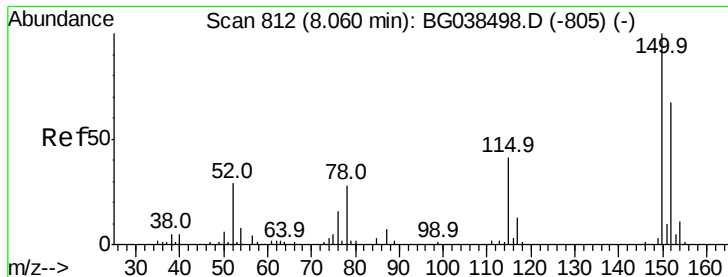
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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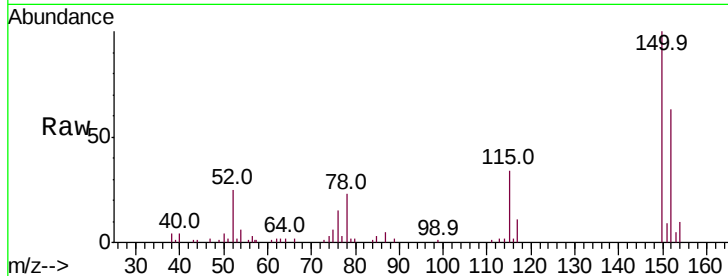


#1

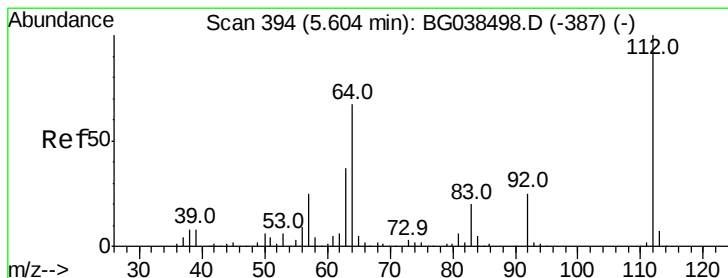
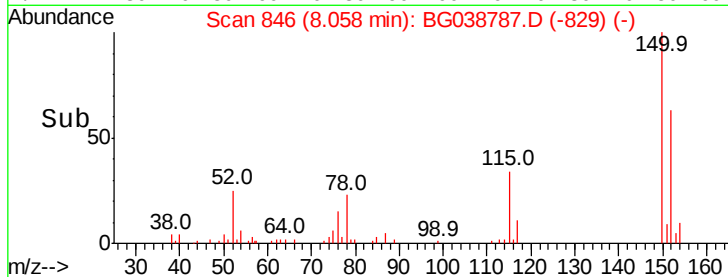
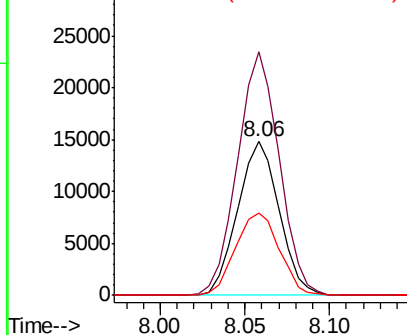
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038787.D
Acq: 21 Dec 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB115904BL

Tot Ion:152 Resp: 25338
Ion Ratio Lower Upper
152 100
150 158.2 119.5 179.3
115 53.7 49.6 74.4



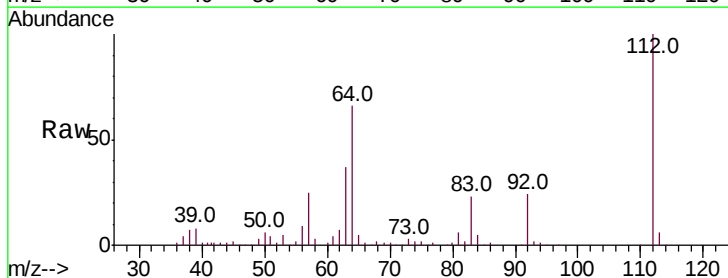
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



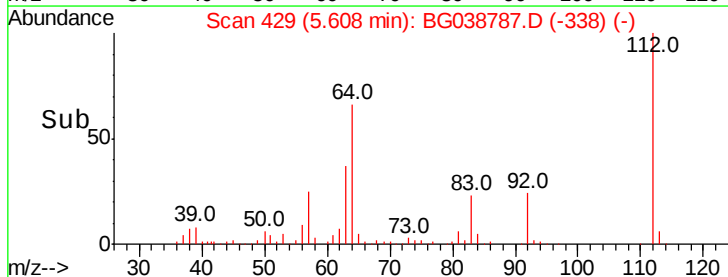
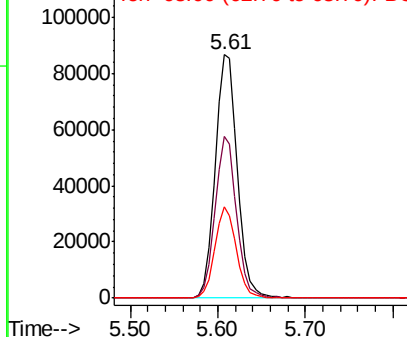
#5

2-Fluorophenol
Concen: 106.175 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038787.D
Acq: 21 Dec 2018 15:30

Tgt Ion:112 Resp: 151679
Ion Ratio Lower Upper
112 100
64 66.4 53.4 80.2
63 37.4 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: 109.701 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038787.D

Acq: 21 Dec 2018 15:30

Instrument :

BNA_G

ClientSampleId :

PB115904BL

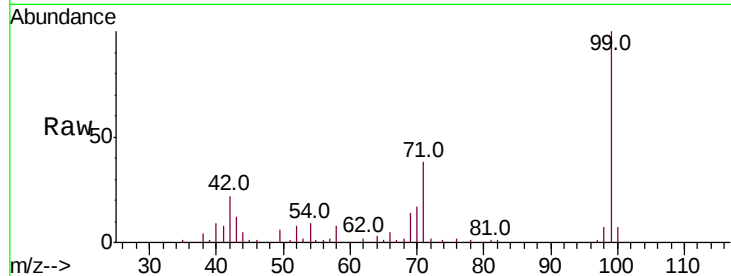
Tot Ion: 99 Resp: 215142

Ion Ratio Lower Upper

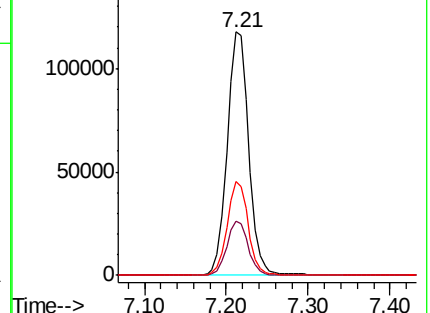
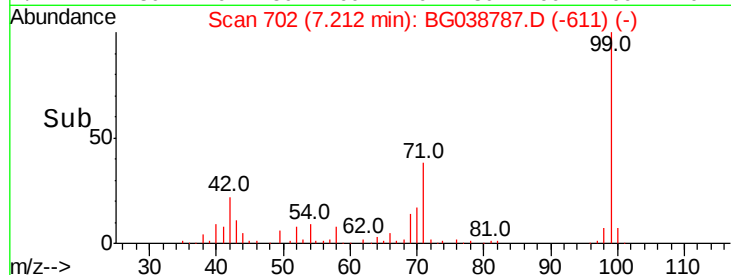
99 100

42 22.3 18.5 27.7

71 38.3 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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038787.D

Acq: 21 Dec 2018 15:30

Tgt Ion: 136 Resp: 106491

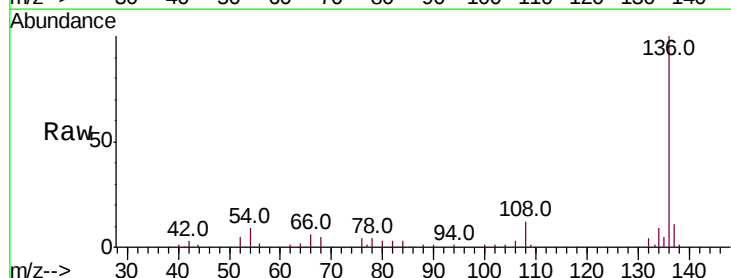
Ion Ratio Lower Upper

136 100

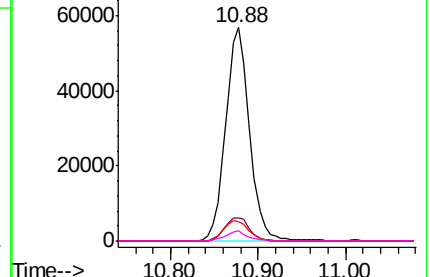
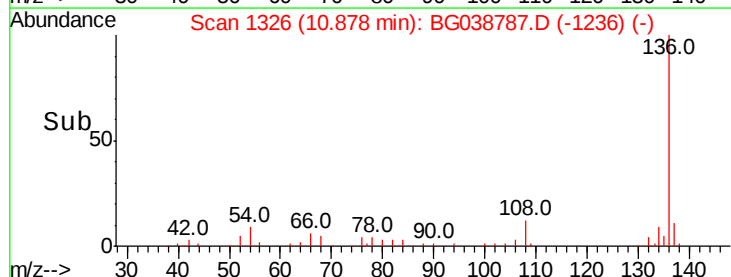
137 11.0 9.3 13.9

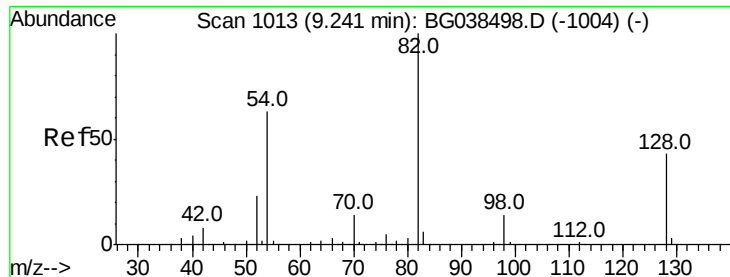
54 9.3 8.5 12.7

68 4.9 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

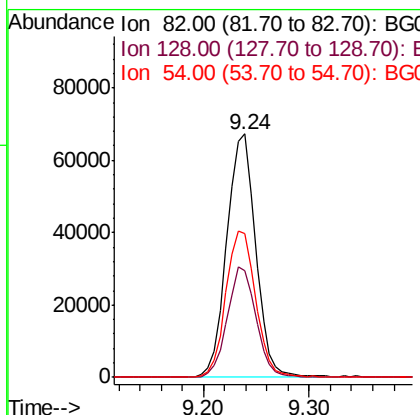
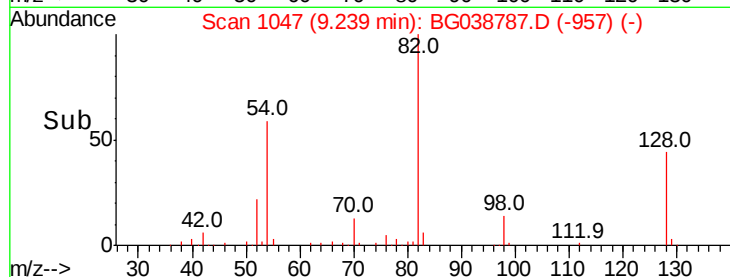
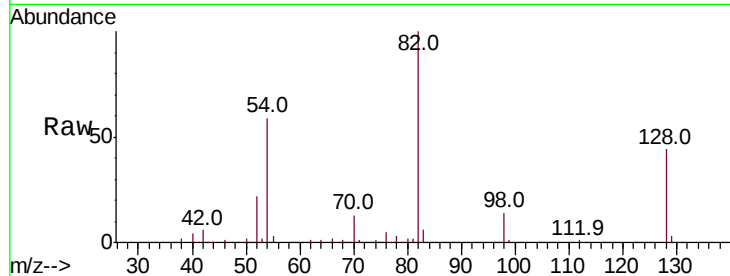




#23
Nitrobenzene-d5
Concen: 61.296 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038787.D
Acq: 21 Dec 2018 15:30

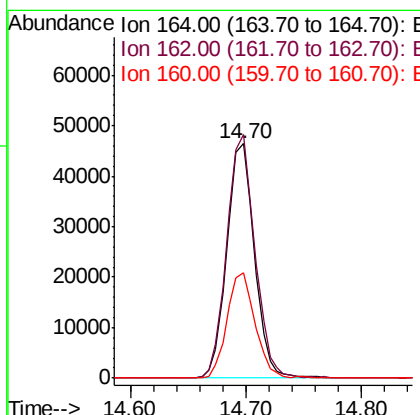
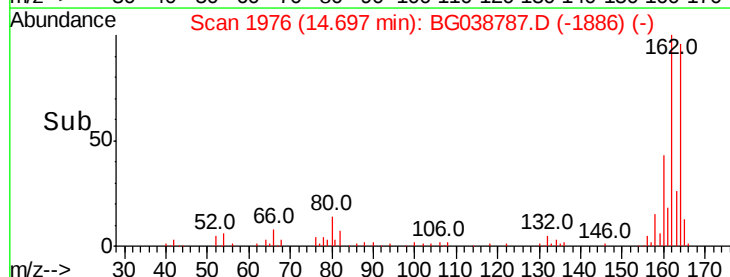
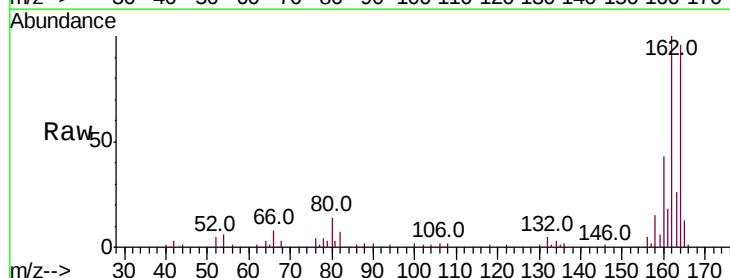
Instrument :
BNA_G
ClientSampleId :
PB115904BL

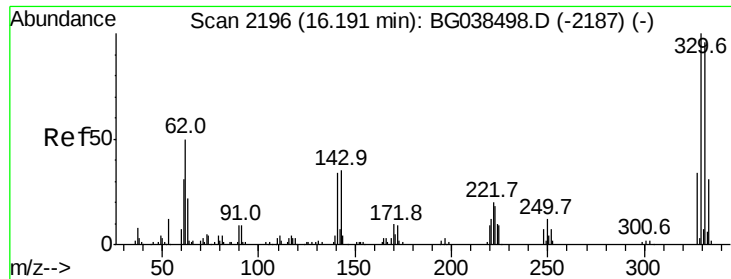
Tot Ion: 82 Resp: 127772
Ion Ratio Lower Upper
82 100
128 43.7 34.6 52.0
54 59.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038787.D
Acq: 21 Dec 2018 15:30

Tgt Ion:164 Resp: 77097
Ion Ratio Lower Upper
164 100
162 104.0 86.6 130.0
160 44.8 34.2 51.2

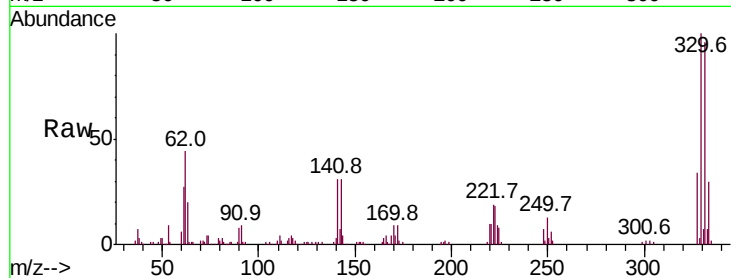




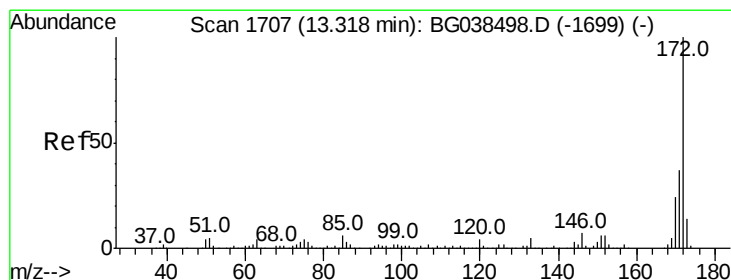
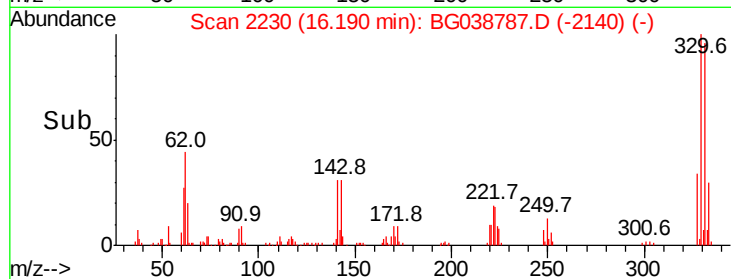
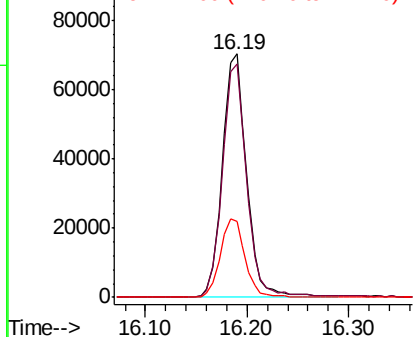
#42
 2,4,6-Tribromophenol
 Concen: 110.059 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038787.D
 Acq: 21 Dec 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	33.2	28.8	43.2

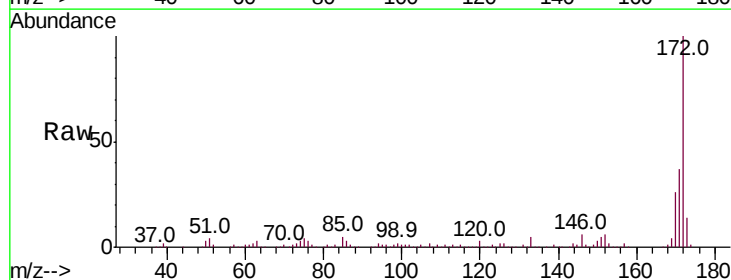


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

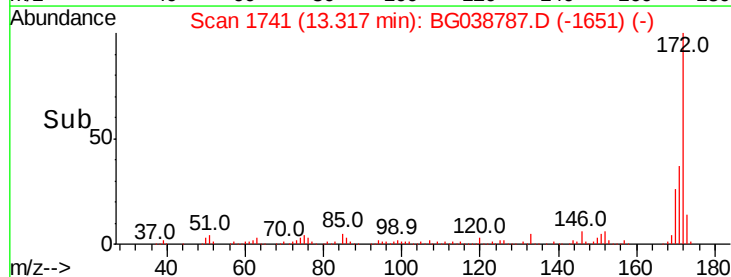
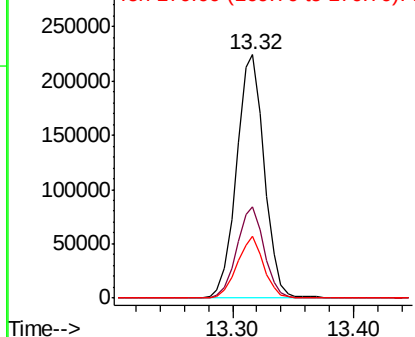


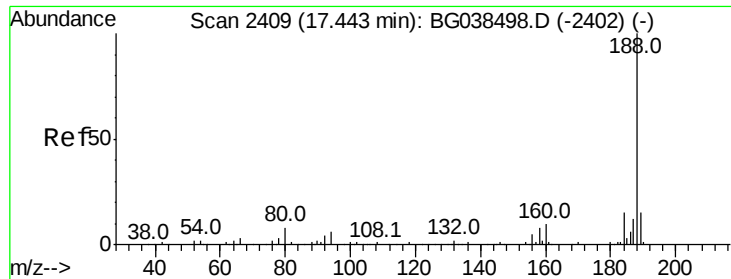
#45
 2-Fluorobiphenyl
 Concen: 63.945 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038787.D
 Acq: 21 Dec 2018 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.6	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# 2443

Delta R.T. -0.00 min

Lab File: BG038787.D

Acq: 21 Dec 2018 15:30

Instrument :

BNA_G

ClientSampleId :

PB115904BL

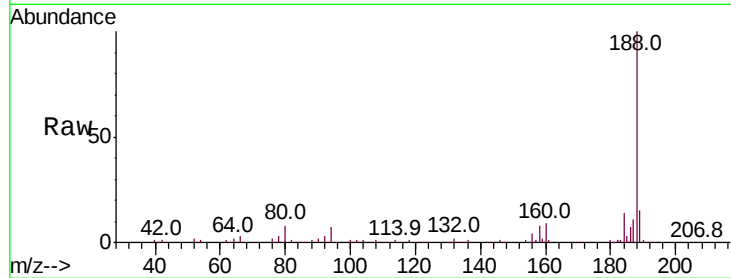
Tot Ion:188 Resp: 191651

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

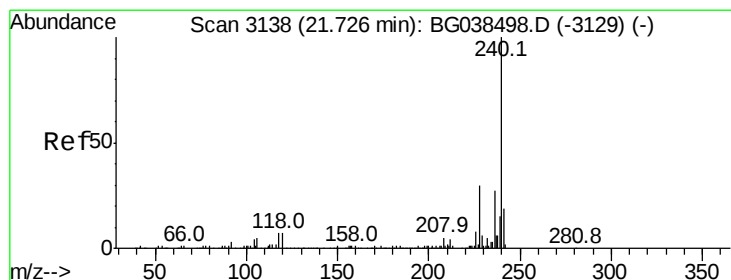
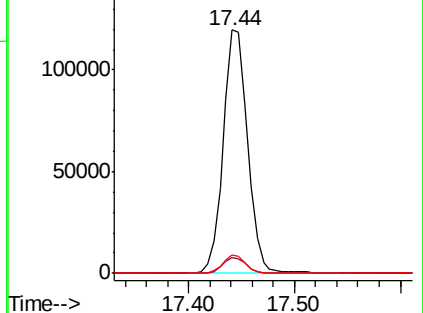
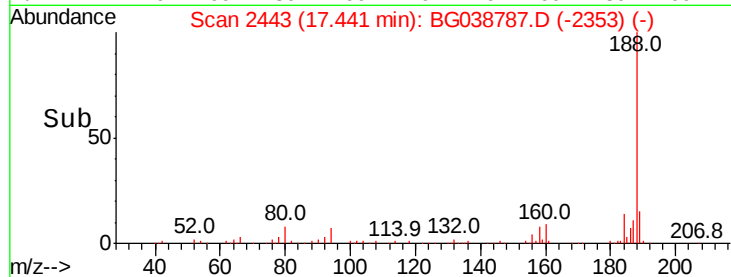
80 7.5 6.1 9.1



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: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038787.D

Acq: 21 Dec 2018 15:30

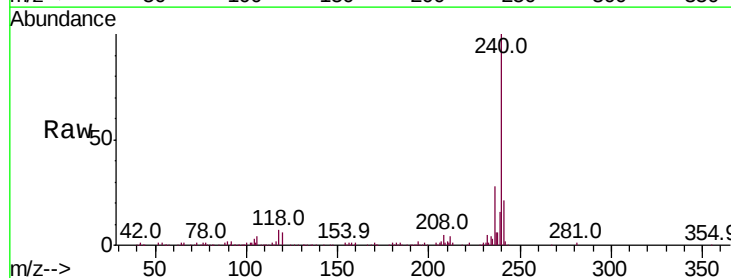
Tgt Ion:240 Resp: 187558

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

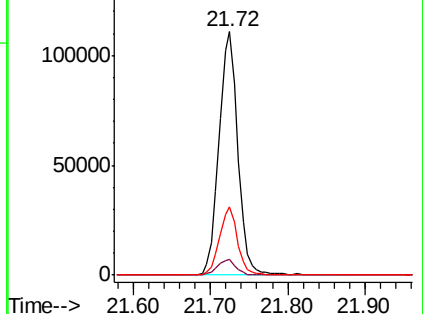
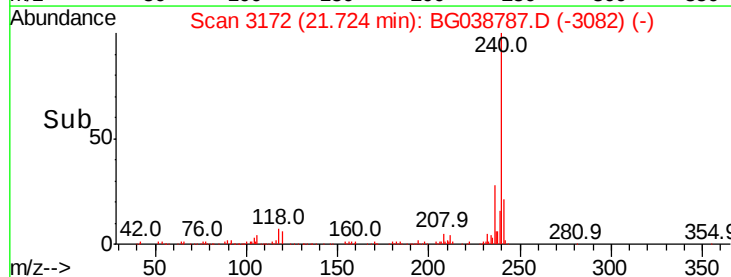
236 28.0 21.4 32.2

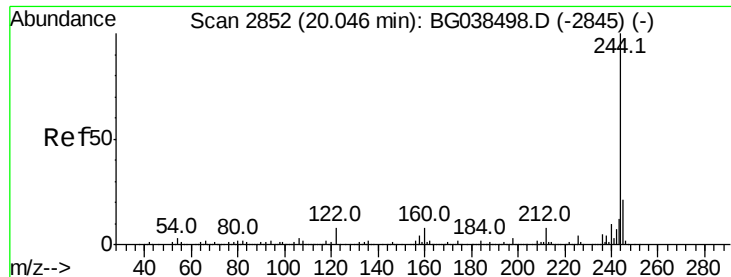


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.308 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038787.D

Acq: 21 Dec 2018 15:30

Instrument :

BNA_G

ClientSampleId :

PB115904BL

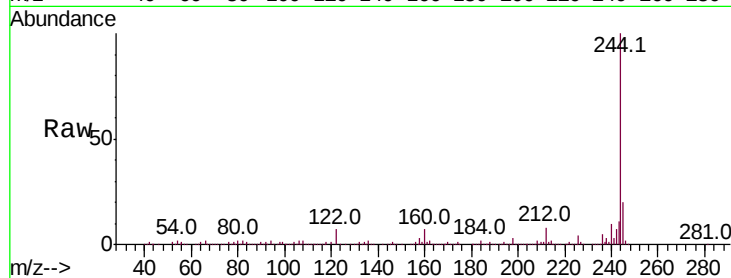
Tot Ion:244 Resp: 657626

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

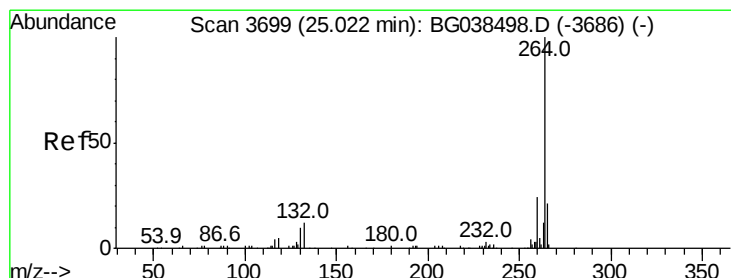
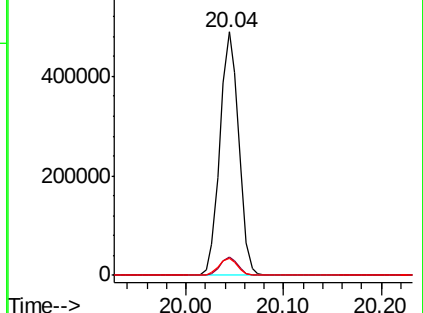
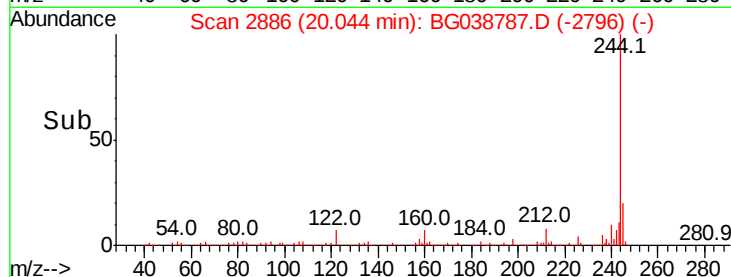
122 7.2 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038787.D

Acq: 21 Dec 2018 15:30

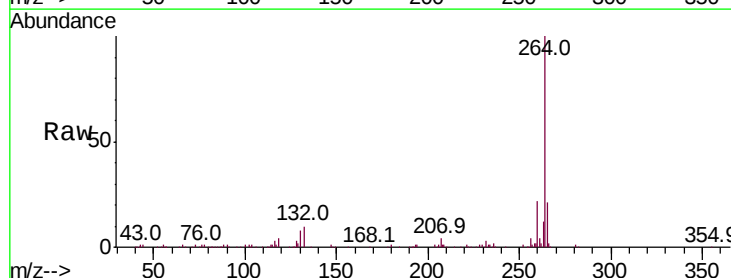
Tgt Ion:264 Resp: 192643

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 20.9 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

