

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038558.D
 Acq On : 14 Dec 2018 7:49
 Operator : JU/SJ
 Sample : J6189-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-121118-C

Quant Time: Dec 14 10:28:41 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	22030	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87543	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57033	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153694	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165348	20.00	ng	-0.01
87) Perylene-d12	25.01	264	173458	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	169327	136.33	ng	0.00
7) Phenol-d6	7.21	99	198071	116.16	ng	0.00
23) Nitrobenzene-d5	9.24	82	174320	101.73	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	131711	167.57	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	411037	98.87	ng	0.00
79) Terphenyl-d14	20.04	244	852370	112.19	ng	0.00

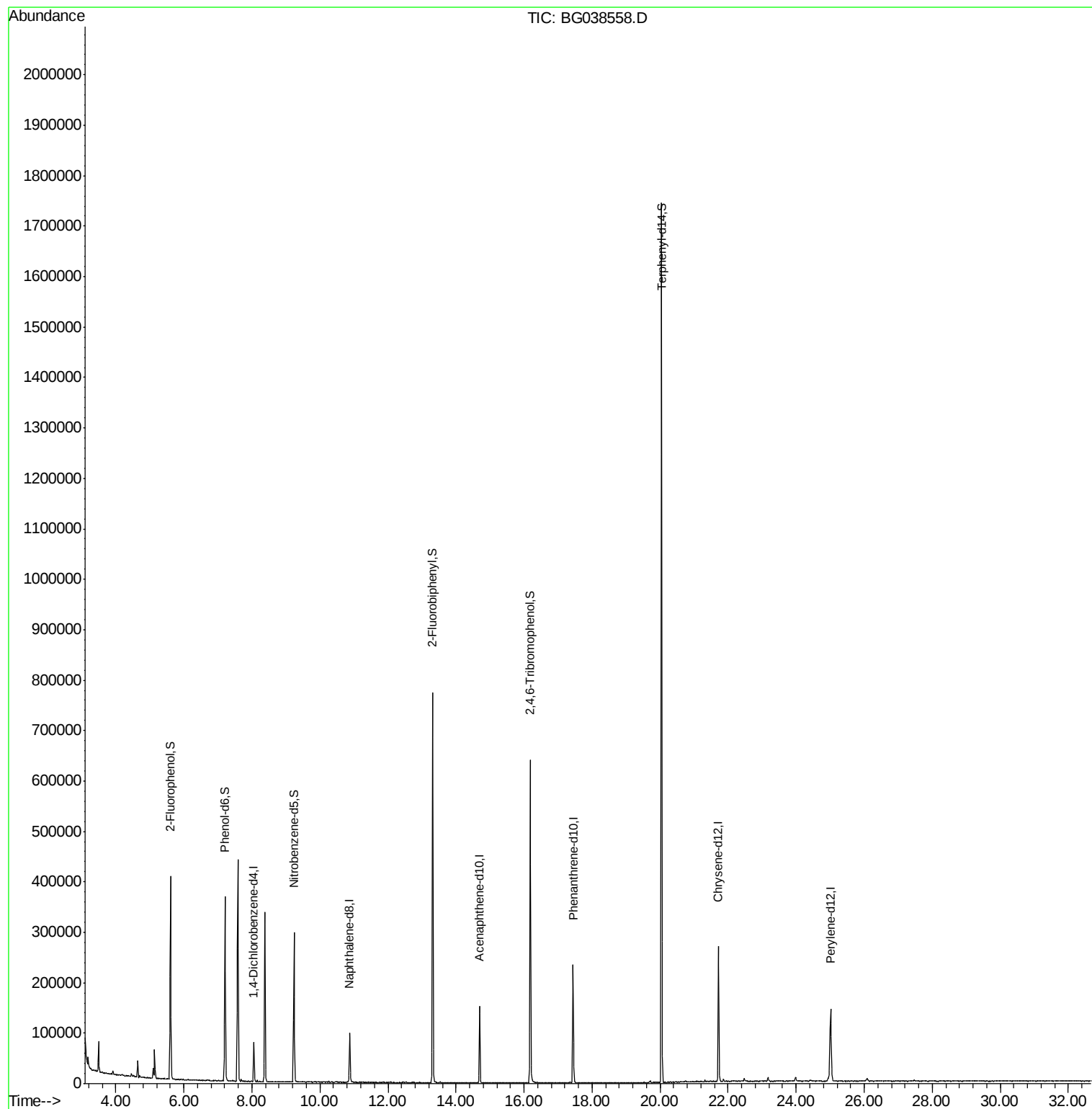
Target Compounds Qvalue

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

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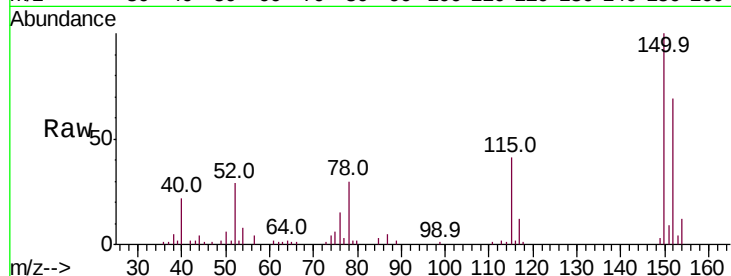


#1

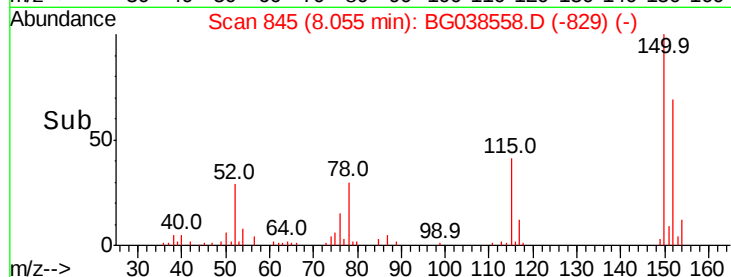
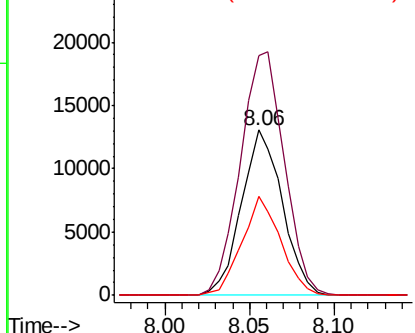
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038558.D
Acq: 14 Dec 2018 7:49

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-C

Tot Ion:152 Resp: 22030
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 59.7 49.6 74.4



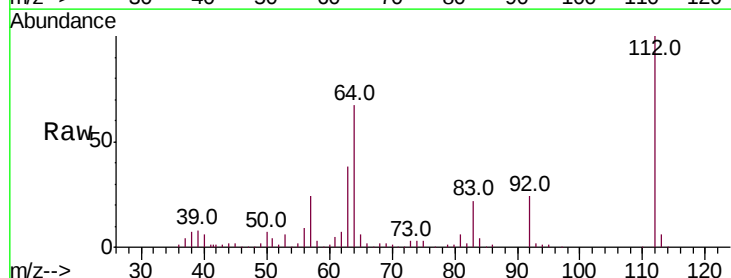
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



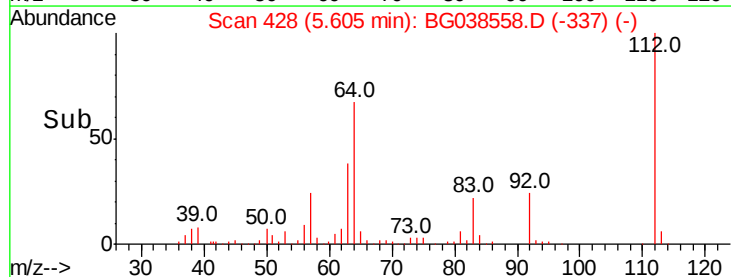
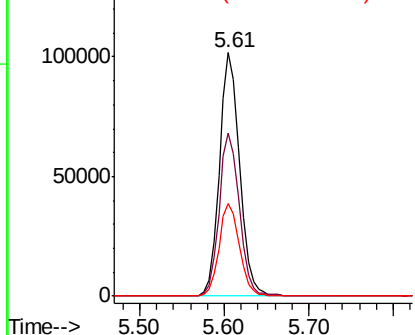
#5

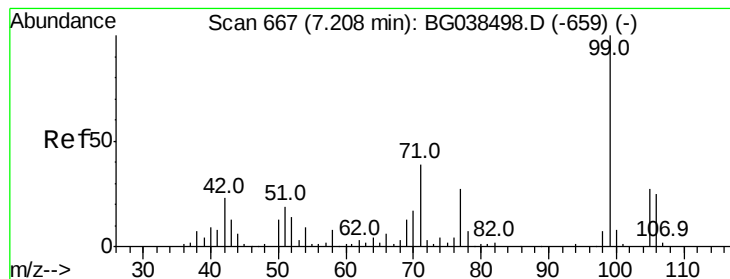
2-Fluorophenol
Concen: 136.326 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038558.D
Acq: 14 Dec 2018 7:49

Tgt Ion:112 Resp: 169327
Ion Ratio Lower Upper
112 100
64 67.0 53.4 80.2
63 38.3 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: 116.162 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038558.D

Acq: 14 Dec 2018 7:49

Instrument :

BNA_G

ClientSampleId :

HR-05-121118-C

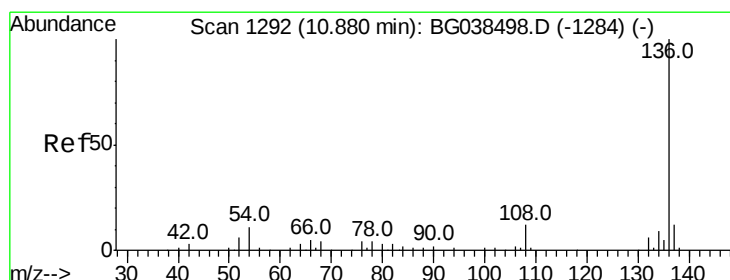
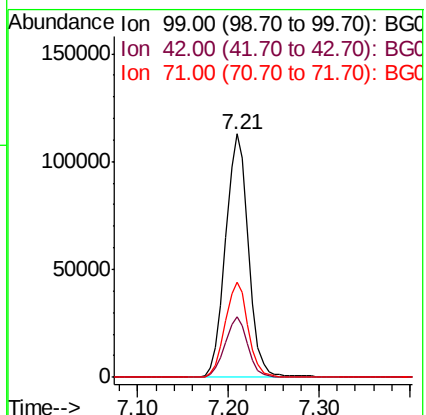
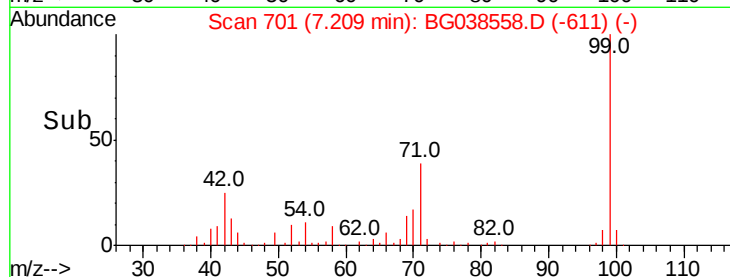
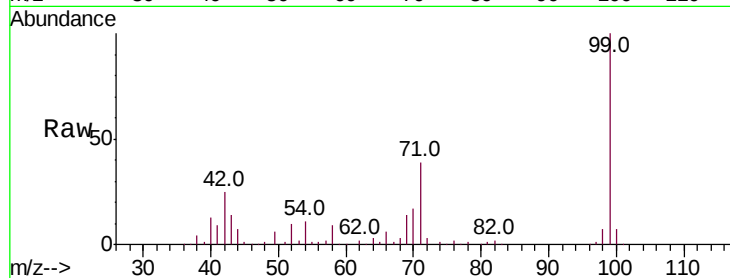
Tot Ion: 99 Resp: 198071

Ion Ratio Lower Upper

99 100

42 25.1 18.5 27.7

71 39.0 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038558.D

Acq: 14 Dec 2018 7:49

Tgt Ion: 136 Resp: 87543

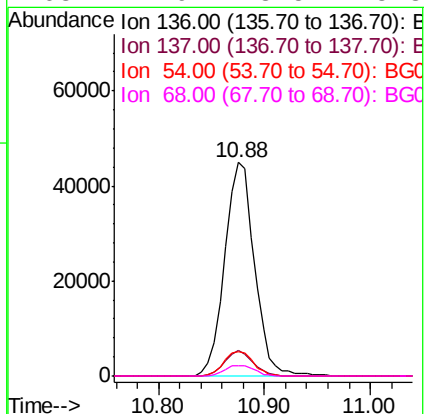
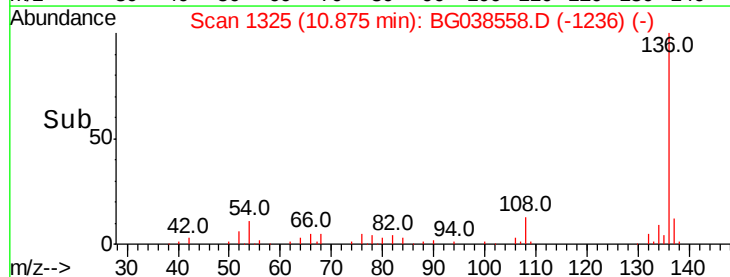
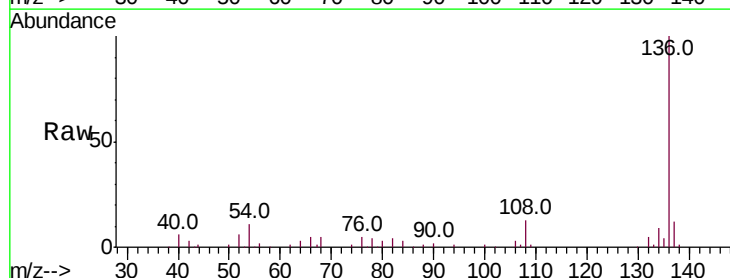
Ion Ratio Lower Upper

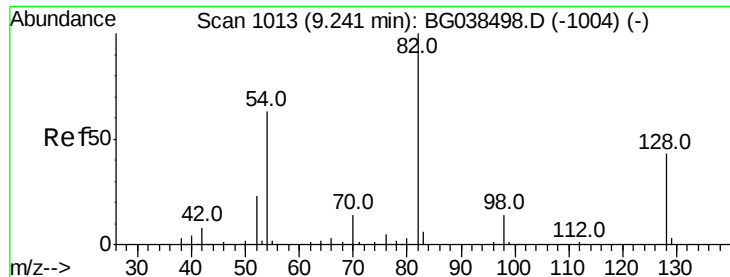
136 100

137 12.0 9.3 13.9

54 11.4 8.5 12.7

68 4.9 3.5 5.3

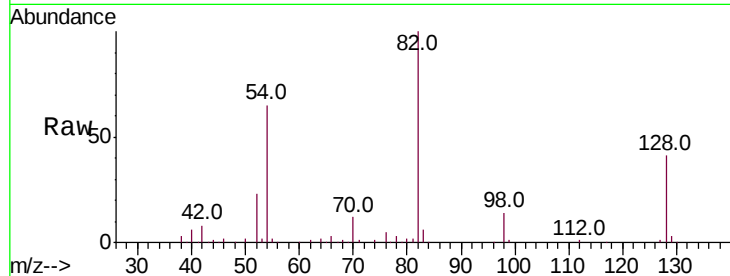




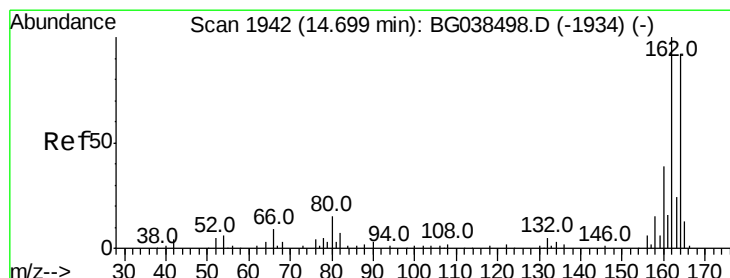
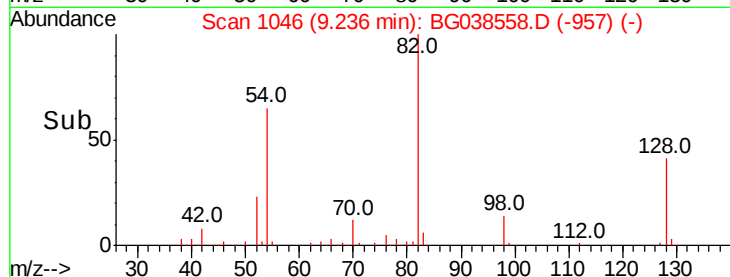
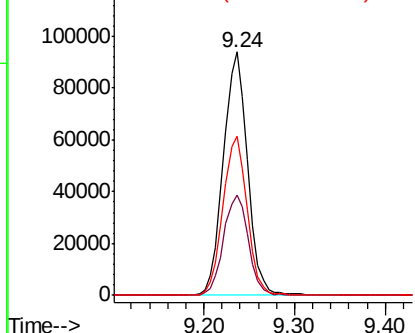
#23
Nitrobenzene-d5
Concen: 101.727 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038558.D
Acq: 14 Dec 2018 7:49

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-C

Tot Ion: 82 Resp: 174320
Ion Ratio Lower Upper
82 100
128 41.1 34.6 52.0
54 65.5 50.6 76.0

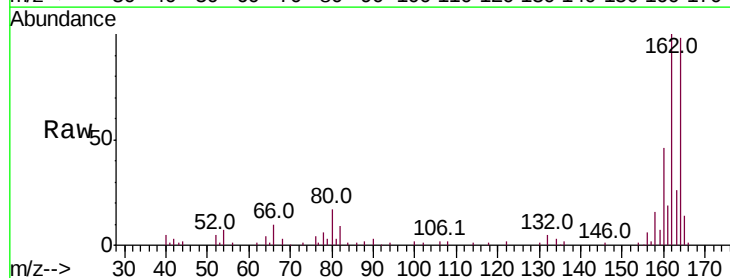


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

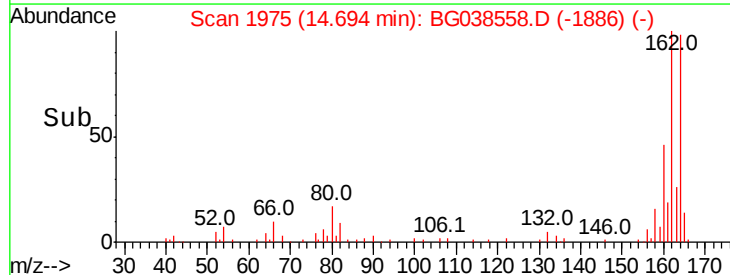
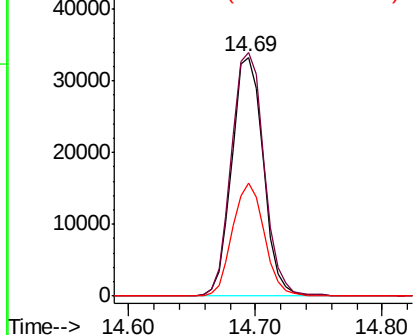


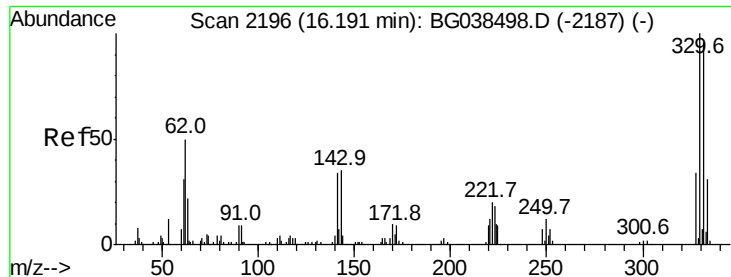
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038558.D
Acq: 14 Dec 2018 7:49

Tgt Ion: 164 Resp: 57033
Ion Ratio Lower Upper
164 100
162 101.9 86.6 130.0
160 47.3 34.2 51.2



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: 167.568 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038558.D

Acq: 14 Dec 2018 7:49

Instrument :

BNA_G

ClientSampleId :

HR-05-121118-C

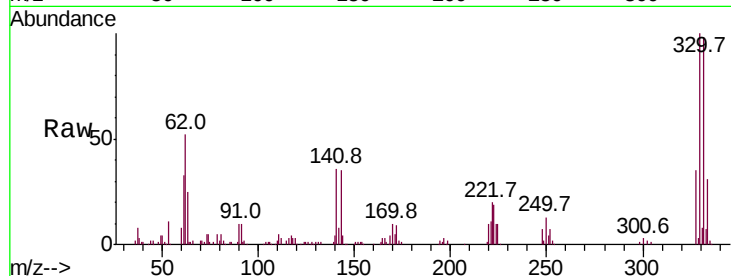
Tot Ion:330 Resp: 131711

Ion Ratio Lower Upper

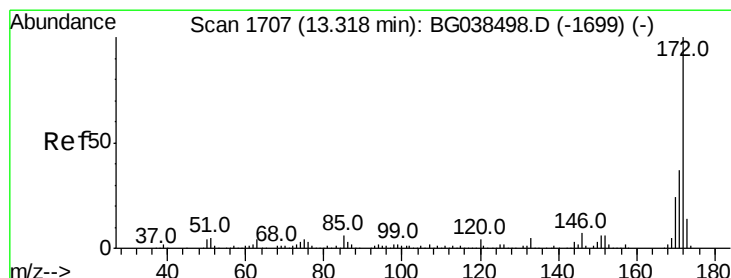
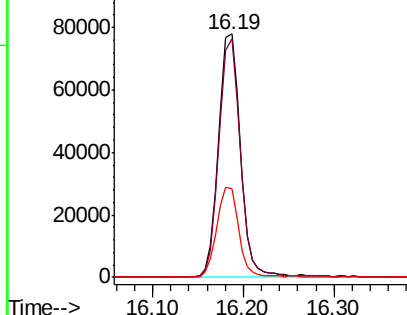
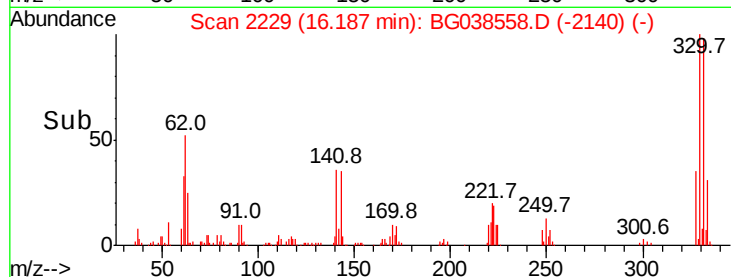
330 100

332 95.8 76.9 115.3

141 36.7 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: 98.869 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038558.D

Acq: 14 Dec 2018 7:49

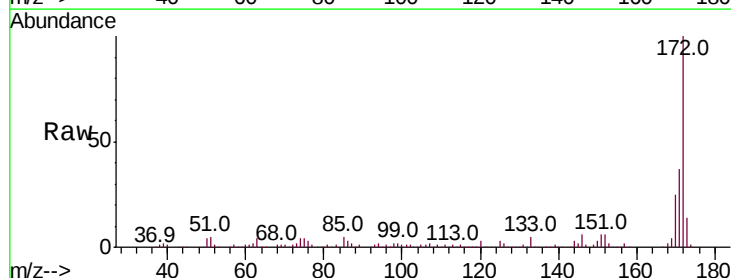
Tgt Ion:172 Resp: 411037

Ion Ratio Lower Upper

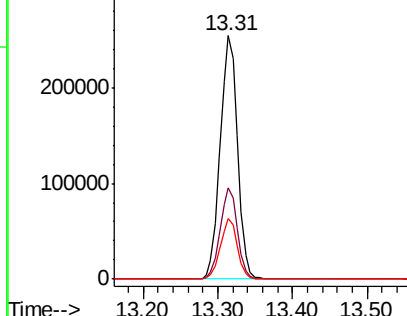
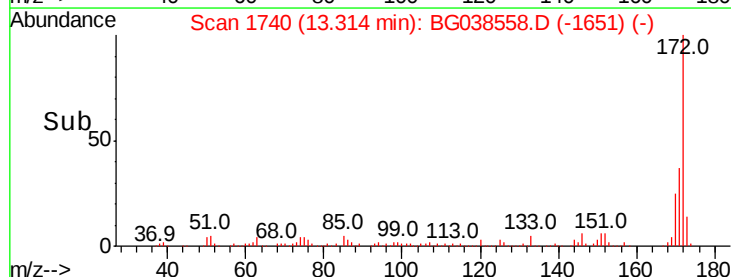
172 100

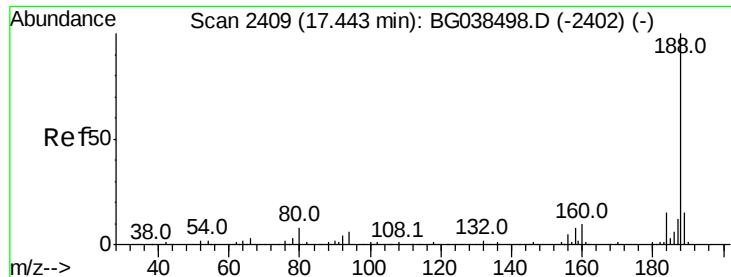
171 37.3 29.8 44.6

170 25.1 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

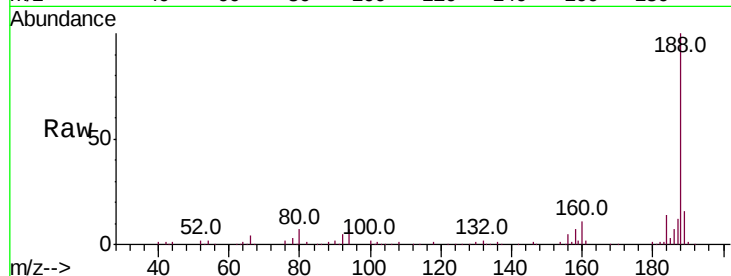




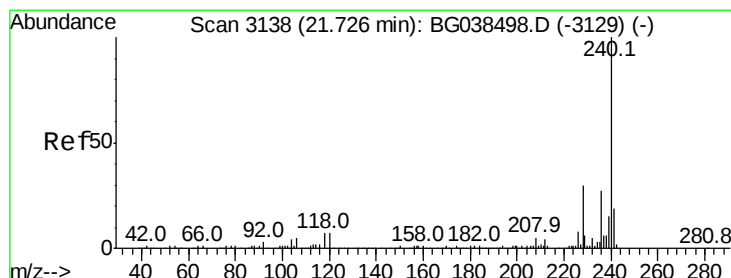
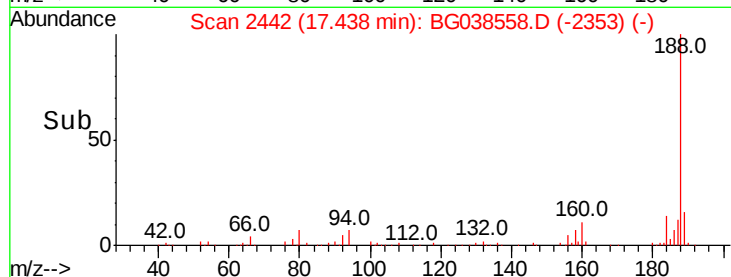
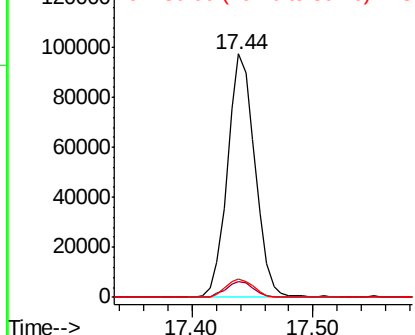
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038558.D
Acq: 14 Dec 2018 7:49

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-C

Tot Ion:188 Resp: 153694
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.3 6.1 9.1

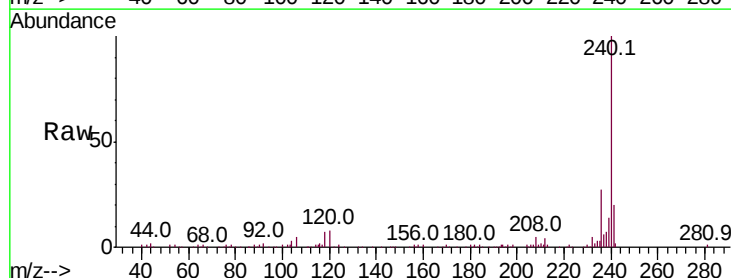


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

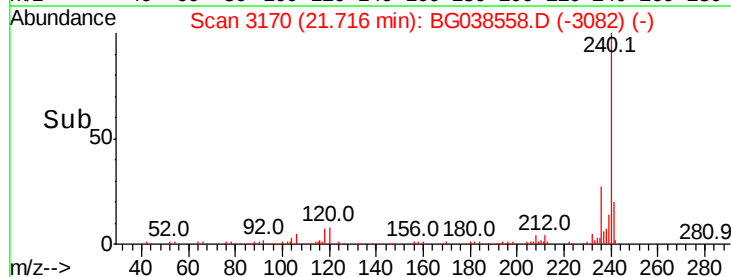
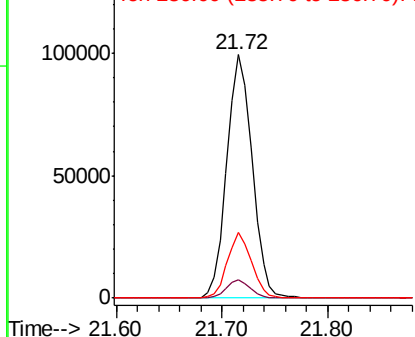


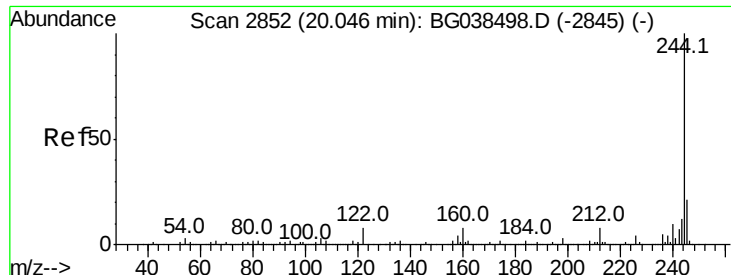
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038558.D
Acq: 14 Dec 2018 7:49

Tgt Ion:240 Resp: 165348
Ion Ratio Lower Upper
240 100
120 7.7 5.3 7.9
236 26.8 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: 112.190 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038558.D

Acq: 14 Dec 2018 7:49

Instrument :

BNA_G

ClientSampleId :

HR-05-121118-C

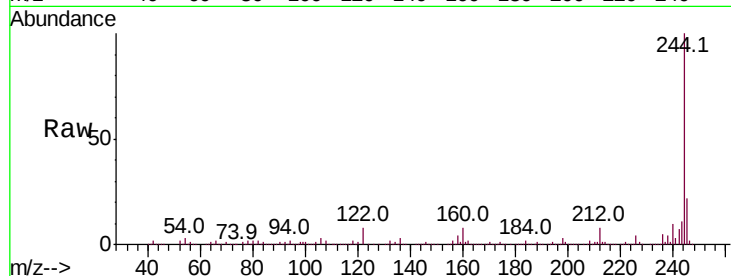
Tot Ion:244 Resp: 852370

Ion Ratio Lower Upper

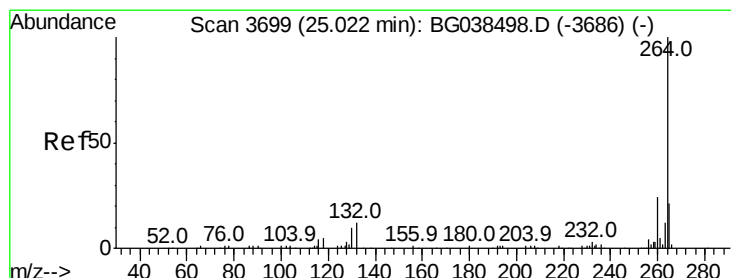
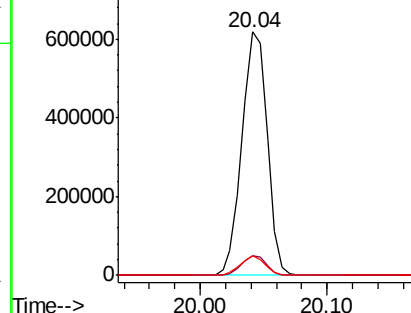
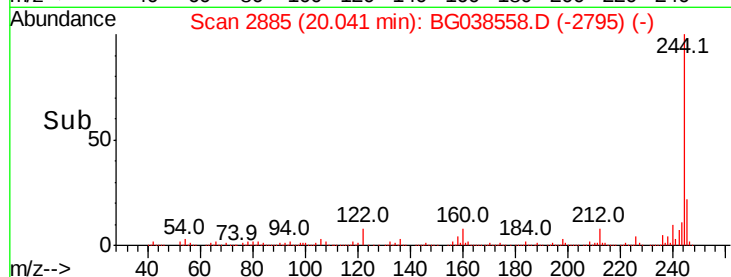
244 100

212 8.2 6.2 9.2

122 8.0 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: BG038558.D

Acq: 14 Dec 2018 7:49

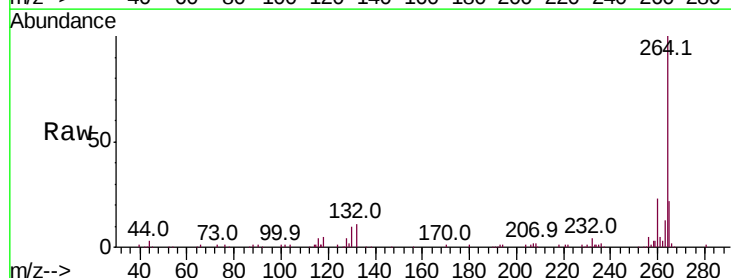
Tgt Ion:264 Resp: 173458

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.8 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

