

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038754.D
 Acq On : 20 Dec 2018 8:55
 Operator : JU/SJ
 Sample : J6195-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-121718

Quant Time: Dec 20 11:13:28 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	25394	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	101420	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	70173	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	183573	20.00	ng	0.00
76) Chrysene-d12	21.71	240	194774	20.00	ng	-0.01
87) Perylene-d12	25.02	264	203297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	162663	113.61	ng	0.00
7) Phenol-d6	7.21	99	200296	101.91	ng	0.00
23) Nitrobenzene-d5	9.24	82	153777	77.46	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	124669	128.91	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	393222	76.87	ng	0.00
79) Terphenyl-d14	20.04	244	836955	93.52	ng	0.00

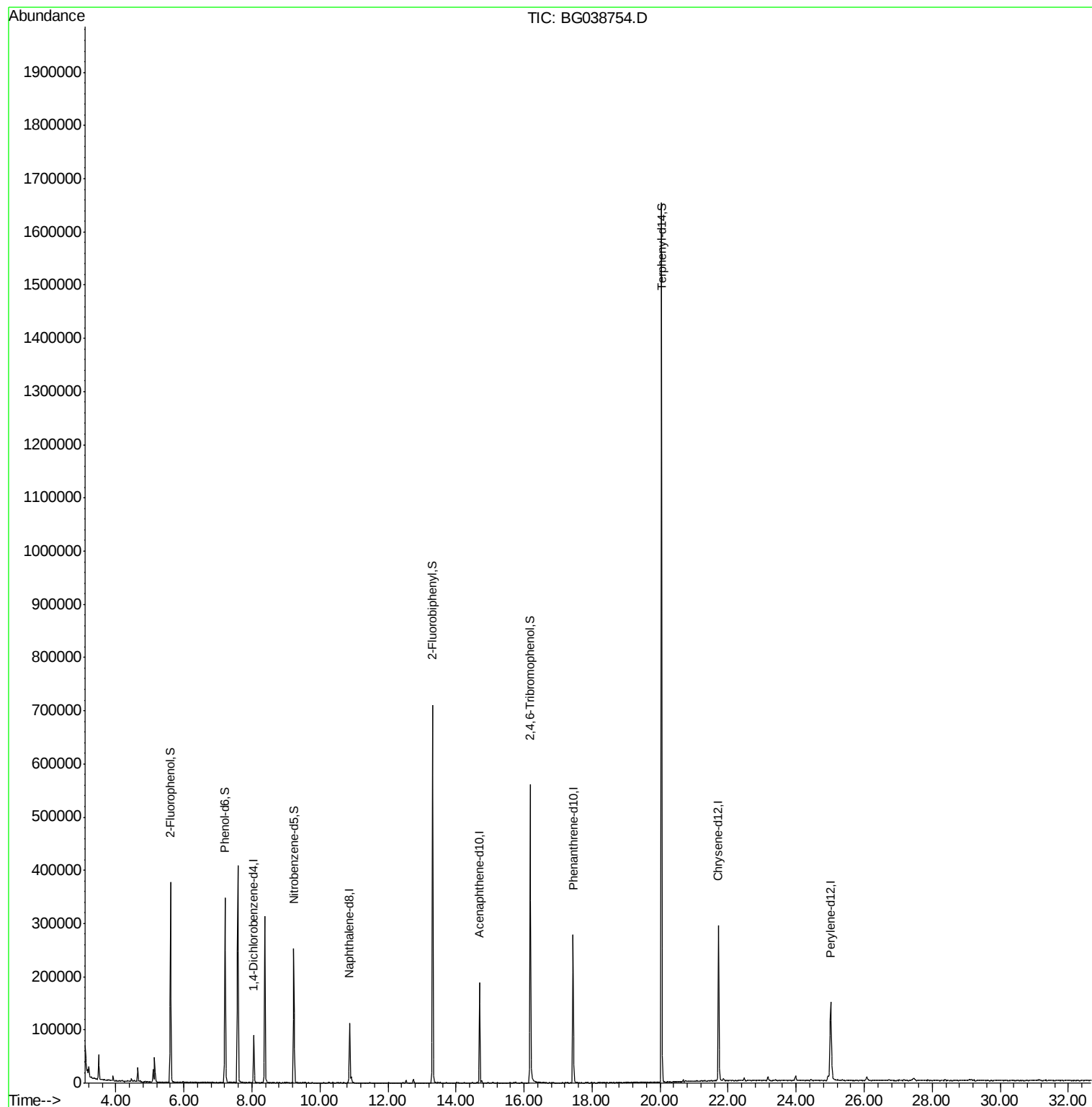
Target Compounds Qvalue

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

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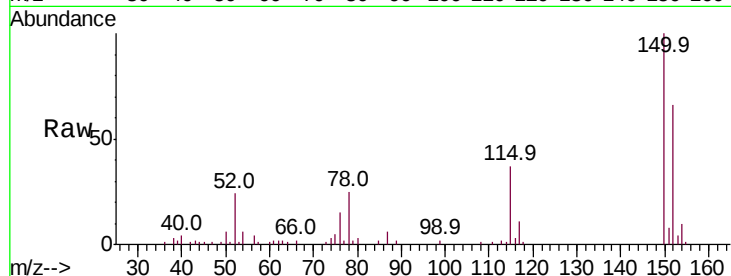


#1

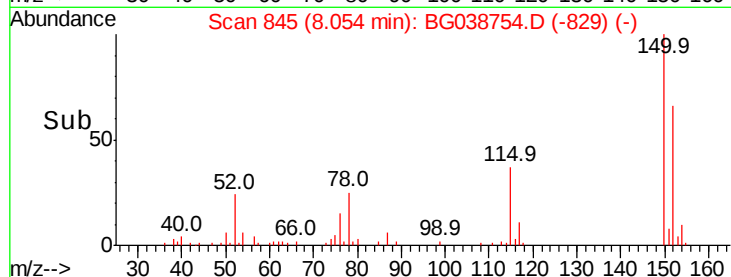
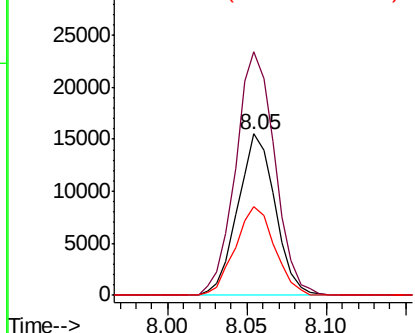
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :
OR-03-121718

Tot Ion:152 Resp: 25394
Ion Ratio Lower Upper
152 100
150 151.0 119.5 179.3
115 55.3 49.6 74.4



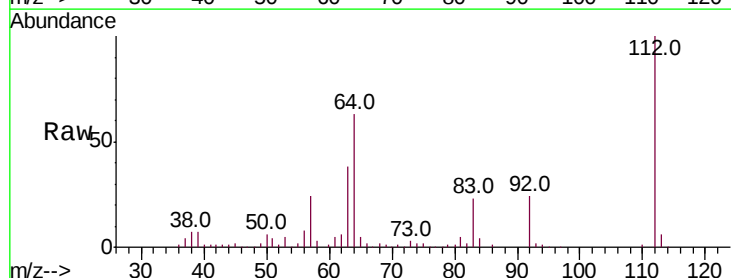
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



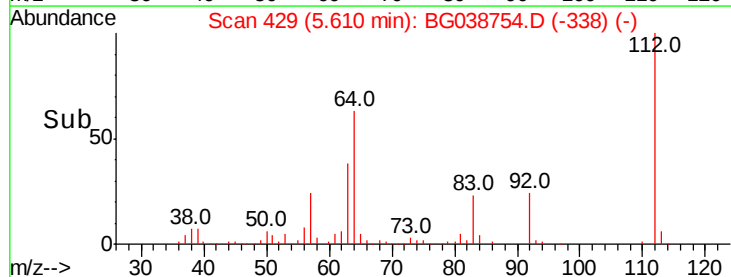
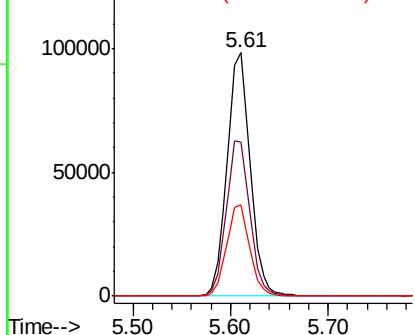
#5

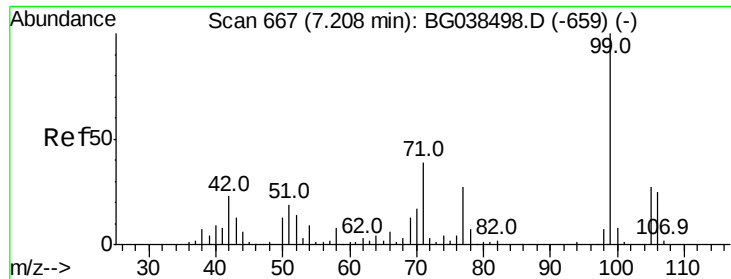
2-Fluorophenol
Concen: 113.612 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:112 Resp: 162663
Ion Ratio Lower Upper
112 100
64 63.2 53.4 80.2
63 37.7 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: 101.906 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038754.D

Acq: 20 Dec 2018 8:55

Instrument :

BNA_G

ClientSampled :

OR-03-121718

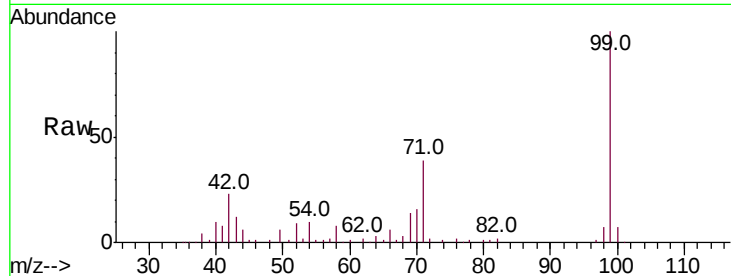
Tot Ion: 99 Resp: 200296

Ion Ratio Lower Upper

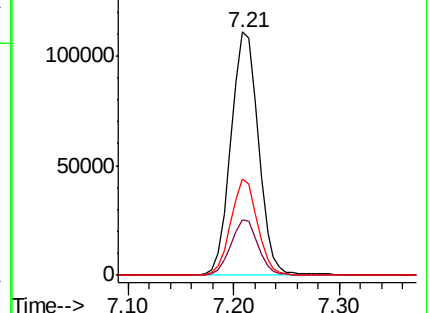
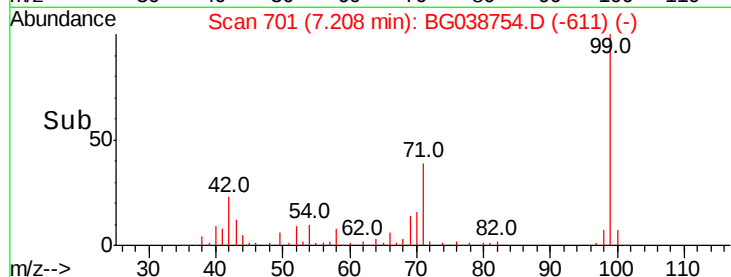
99 100

42 22.7 18.5 27.7

71 39.4 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
150000
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: BG038754.D

Acq: 20 Dec 2018 8:55

Tgt Ion: 136 Resp: 101420

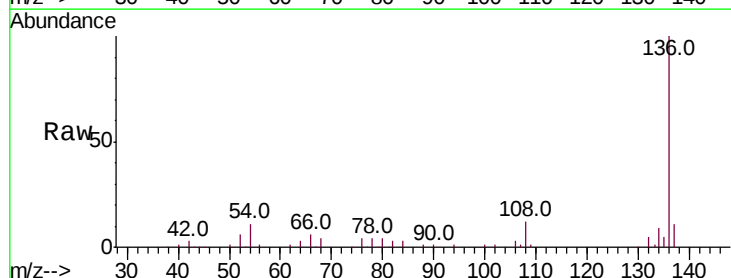
Ion Ratio Lower Upper

136 100

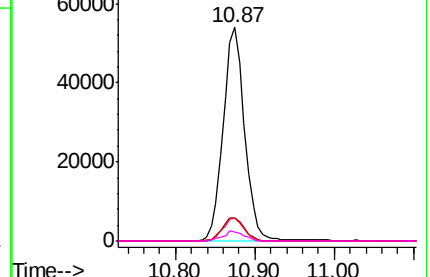
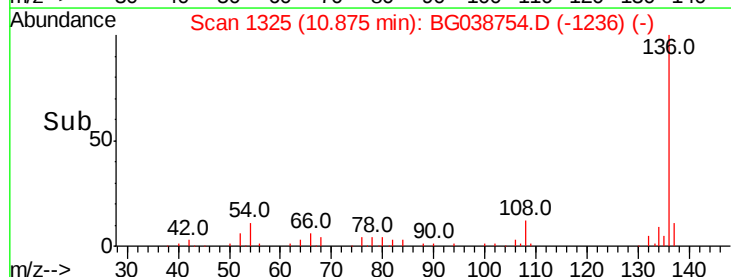
137 11.1 9.3 13.9

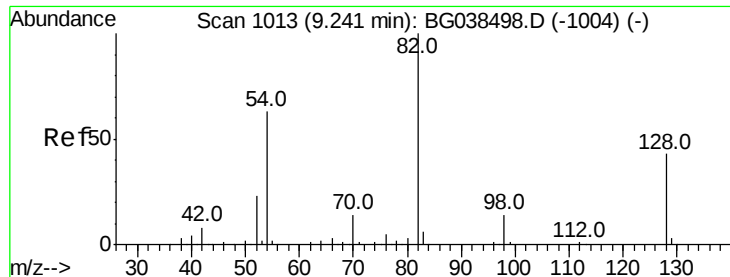
54 10.6 8.5 12.7

68 4.4 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): E
80000
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

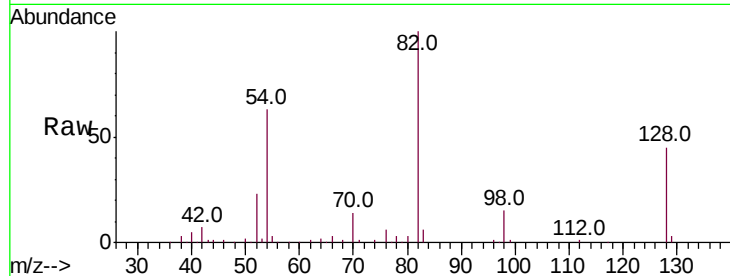




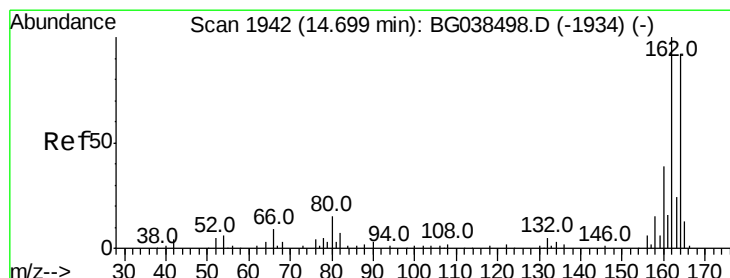
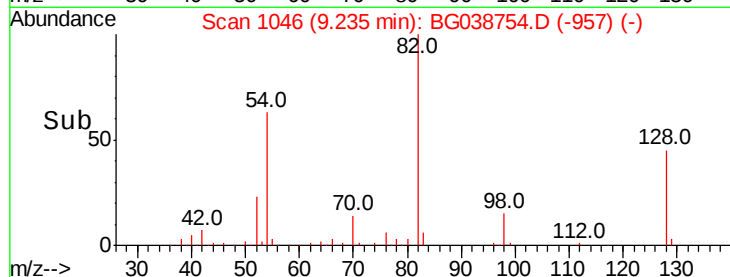
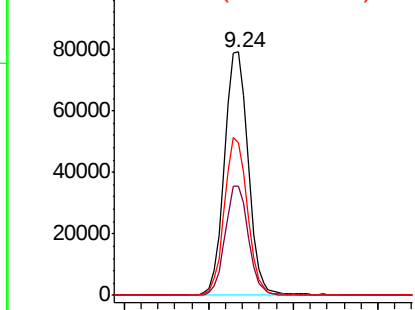
#23
Nitrobenzene-d5
Concen: 77.460 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :
OR-03-121718

Tot Ion: 82 Resp: 153777
Ion Ratio Lower Upper
82 100
128 44.7 34.6 52.0
54 62.7 50.6 76.0

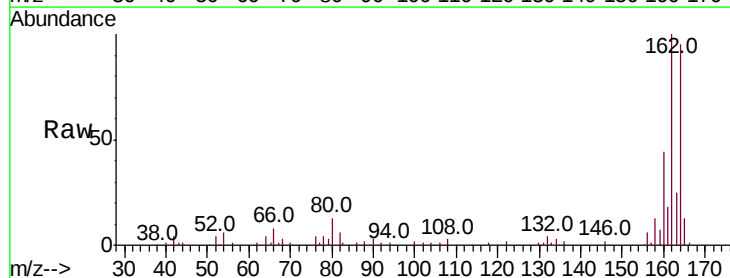


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

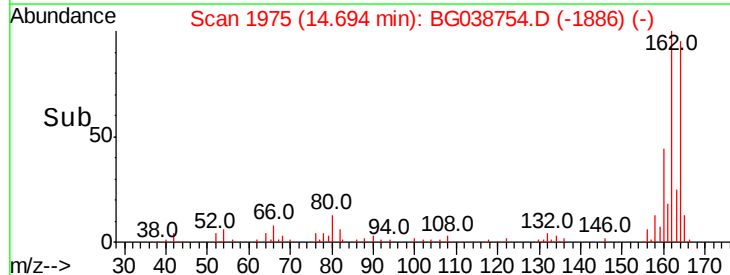
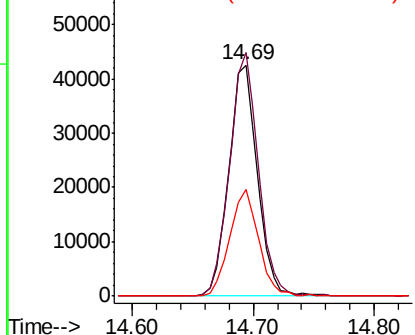


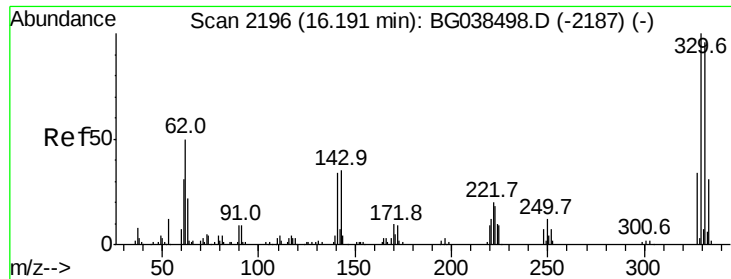
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:164 Resp: 70173
Ion Ratio Lower Upper
164 100
162 105.3 86.6 130.0
160 46.4 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: 128.909 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038754.D

Acq: 20 Dec 2018 8:55

Instrument :

BNA_G

ClientSampleId :

OR-03-121718

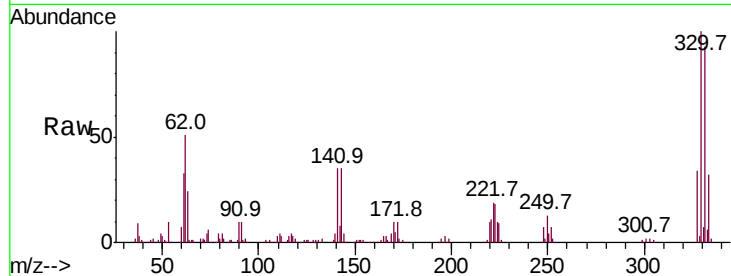
Tot Ion:330 Resp: 124669

Ion Ratio Lower Upper

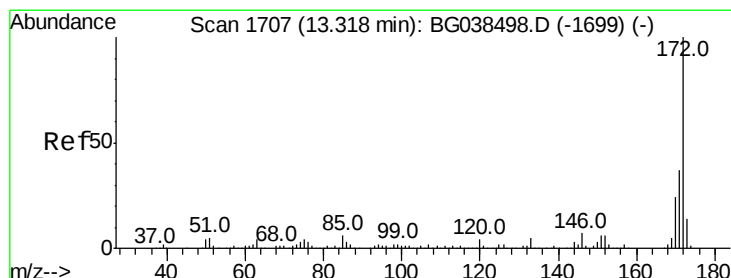
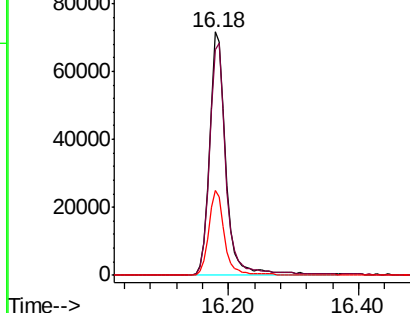
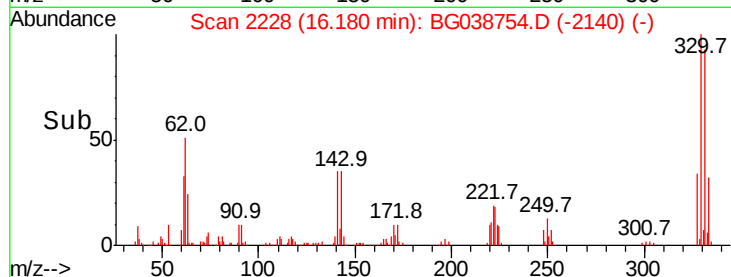
330 100

332 96.4 76.9 115.3

141 32.5 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: 76.873 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038754.D

Acq: 20 Dec 2018 8:55

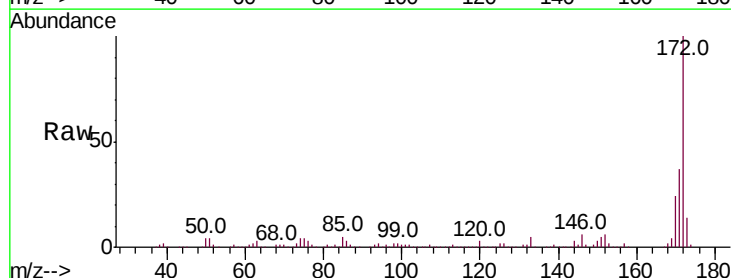
Tgt Ion:172 Resp: 393222

Ion Ratio Lower Upper

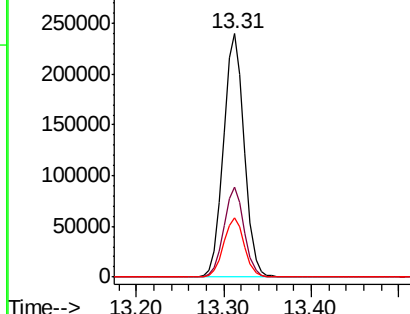
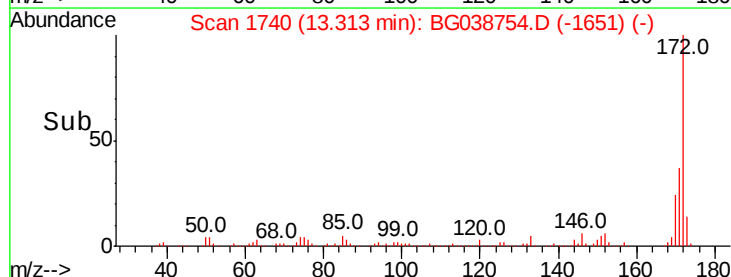
172 100

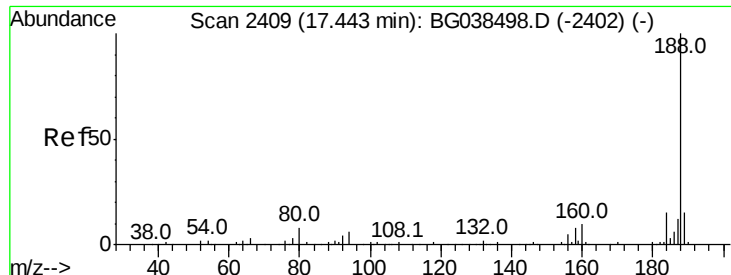
171 36.9 29.8 44.6

170 24.4 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

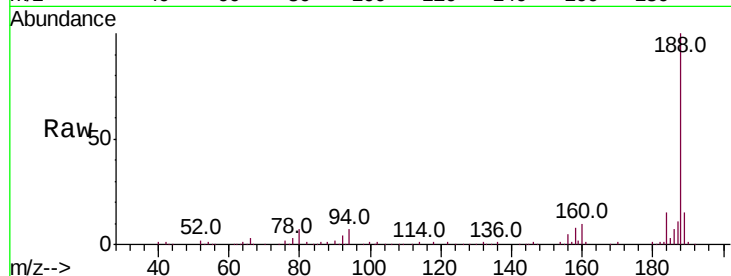




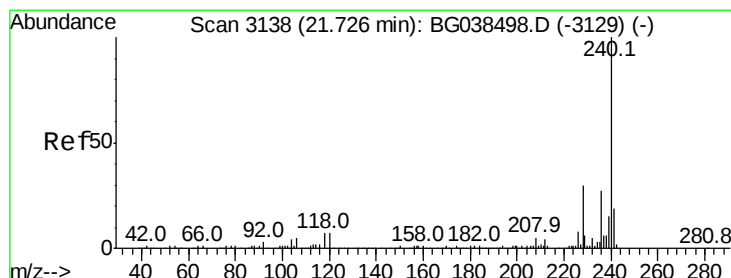
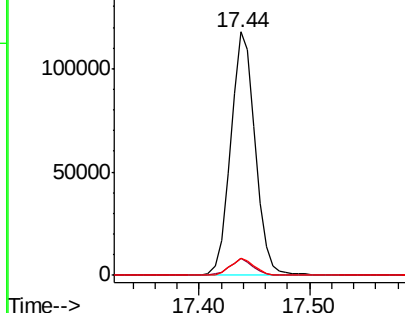
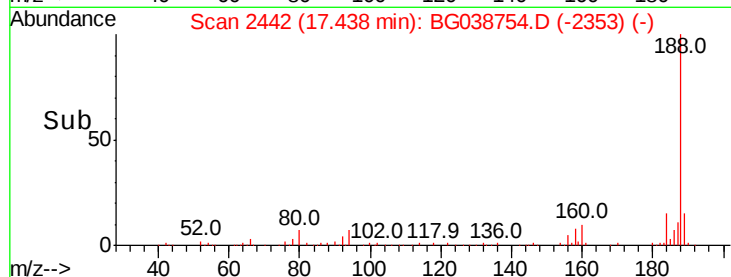
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :
OR-03-121718

Tot Ion:188 Resp: 183573
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 6.9 6.1 9.1

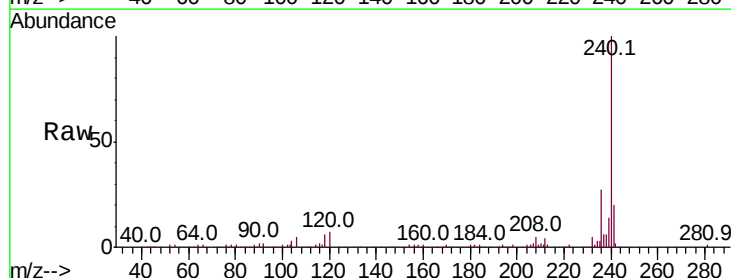


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

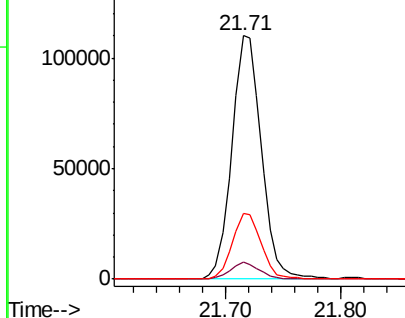
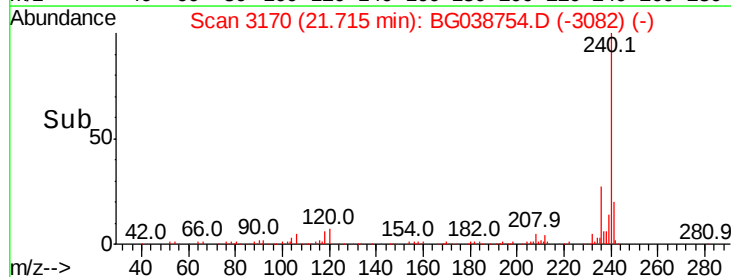


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:240 Resp: 194774
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 27.0 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: 93.518 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038754.D

Acq: 20 Dec 2018 8:55

Instrument :

BNA_G

ClientSampleId :

OR-03-121718

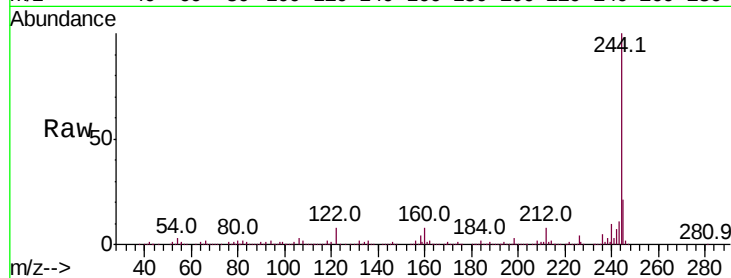
Tot Ion:244 Resp: 836955

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

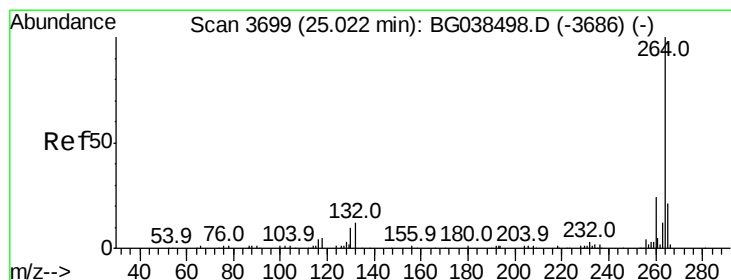
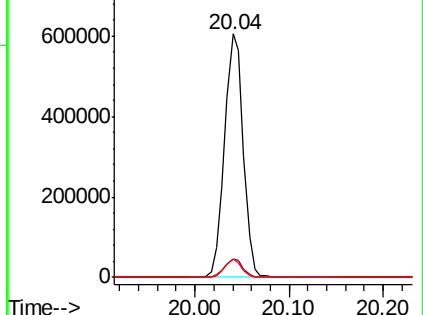
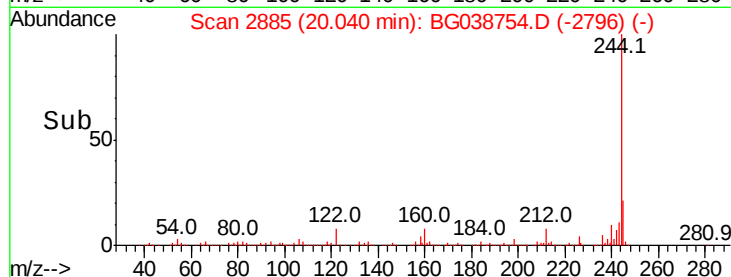
122 7.7 6.3 9.5



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# 3732

Delta R.T. -0.01 min

Lab File: BG038754.D

Acq: 20 Dec 2018 8:55

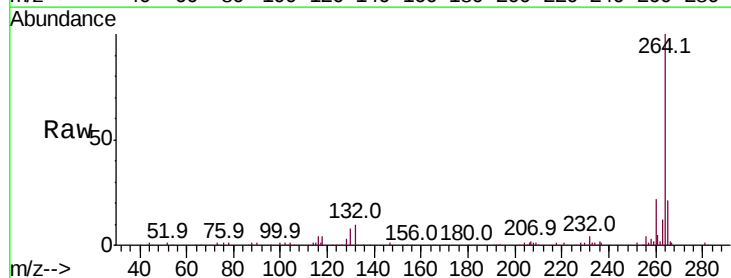
Tgt Ion:264 Resp: 203297

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 21.4 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

