

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038683.D
 Acq On : 18 Dec 2018 4:55
 Operator : JU/SJ
 Sample : J6403-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-B

Quant Time: Dec 18 07:35:24 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	20861	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	81137	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55722	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	145670	20.00	ng	0.00
76) Chrysene-d12	21.72	240	144286	20.00	ng	0.00
87) Perylene-d12	25.02	264	156993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	168716	143.45	ng	0.00
7) Phenol-d6	7.21	99	199719	123.69	ng	0.00
23) Nitrobenzene-d5	9.23	82	163776	103.12	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	118388	154.16	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	395734	97.43	ng	0.00
79) Terphenyl-d14	20.05	244	741045	111.78	ng	0.00

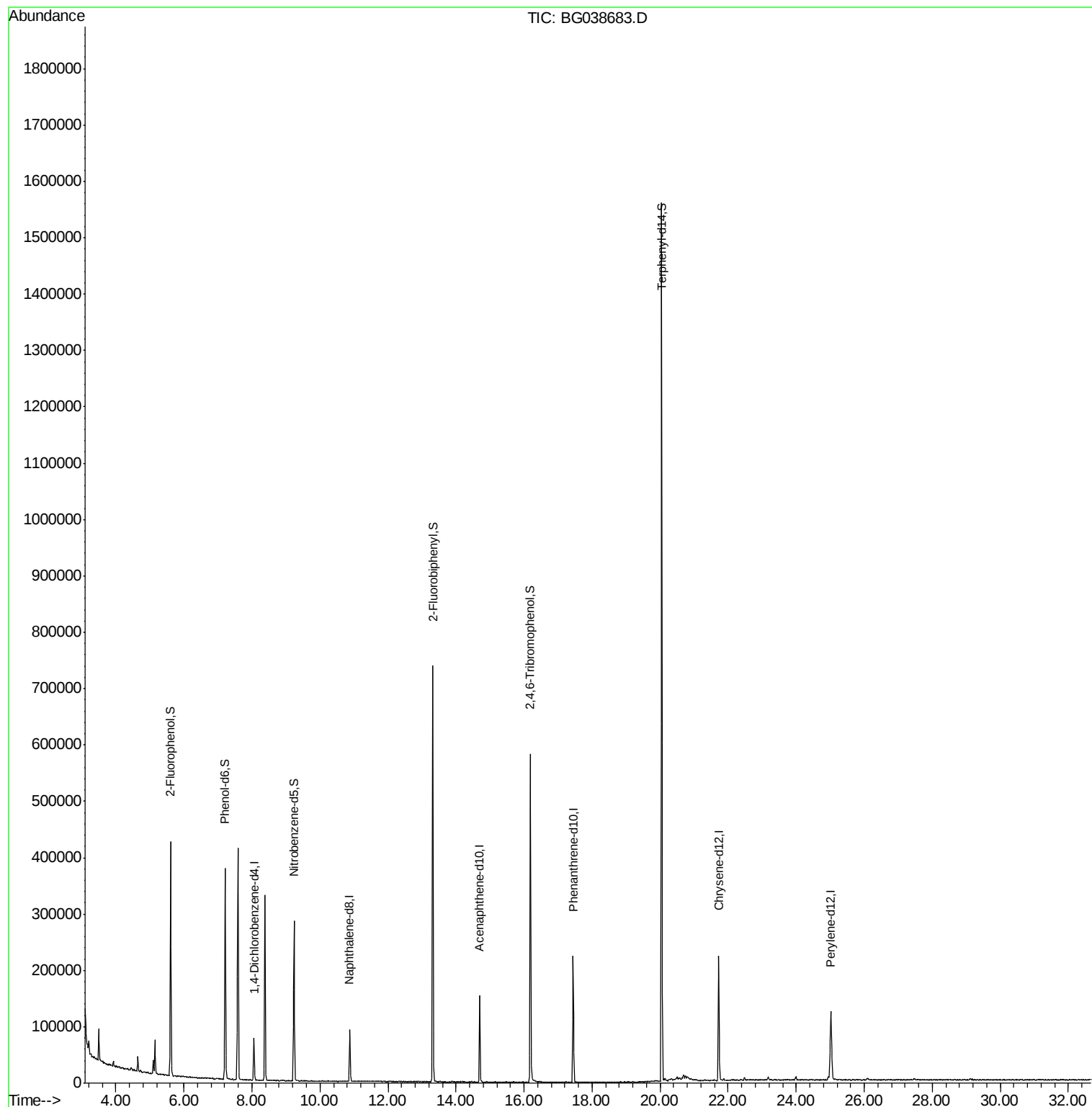
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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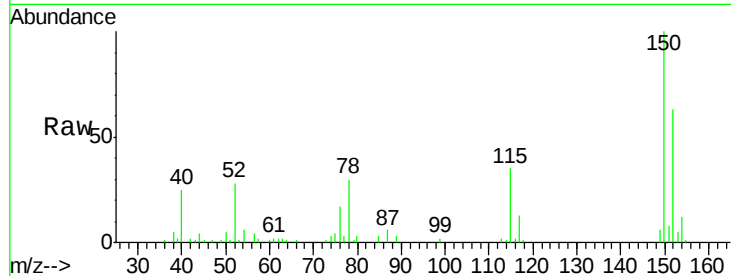


#1

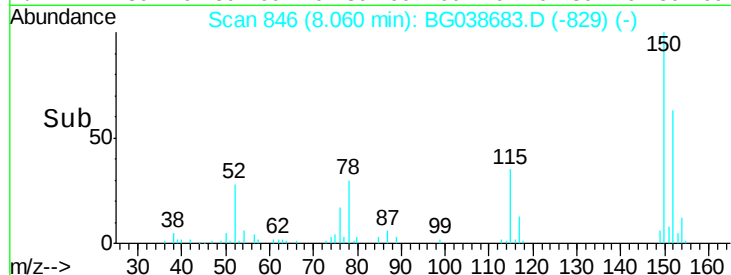
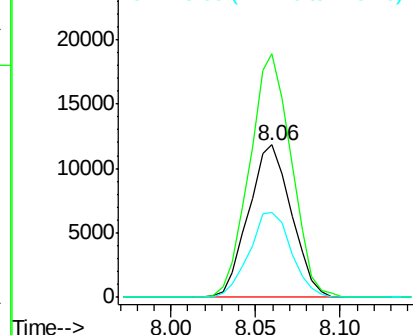
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038683.D
Acq: 18 Dec 2018 4:55

Instrument :
BNA_G
ClientSampled :
TP-2-B

Tgt Ion:152 Resp: 20861
Ion Ratio Lower Upper
152 100
150 159.7 119.5 179.3
115 55.6 49.6 74.4



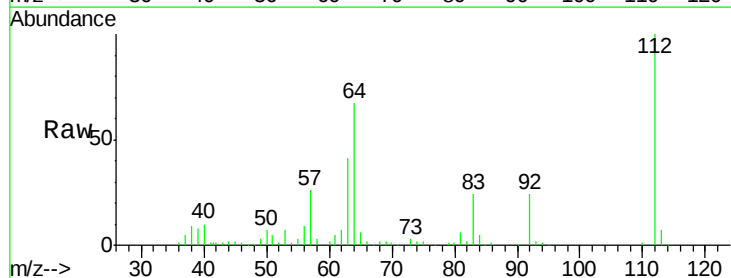
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



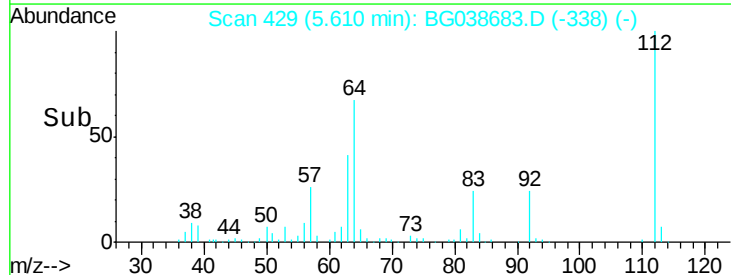
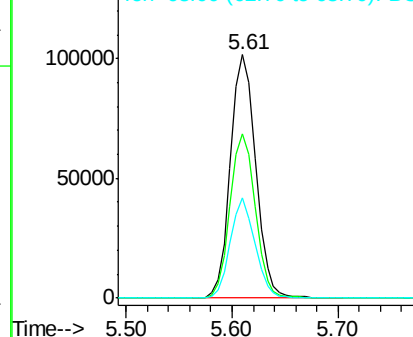
#5

2-Fluorophenol
Concen: 143.446 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038683.D
Acq: 18 Dec 2018 4:55

Tgt Ion:112 Resp: 168716
Ion Ratio Lower Upper
112 100
64 67.3 53.4 80.2
63 41.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.692 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038683.D

Acq: 18 Dec 2018 4:55

Instrument :

BNA_G

ClientSampled :

TP-2-B

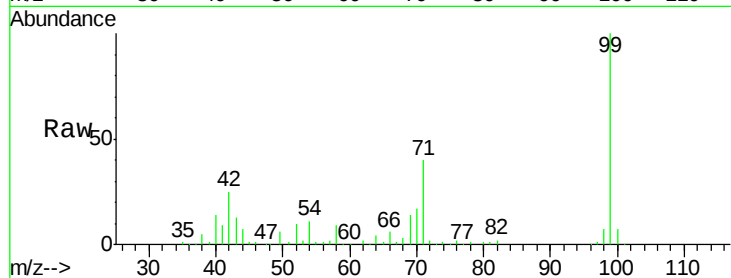
Tgt Ion: 99 Resp: 199719

Ion Ratio Lower Upper

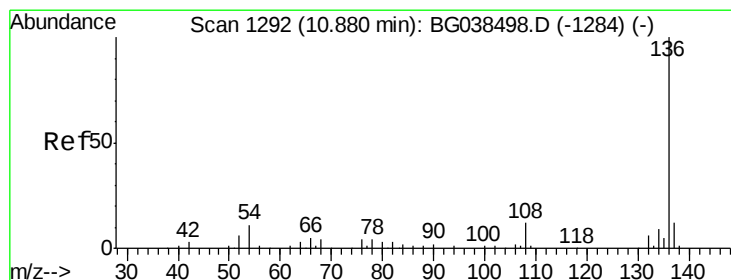
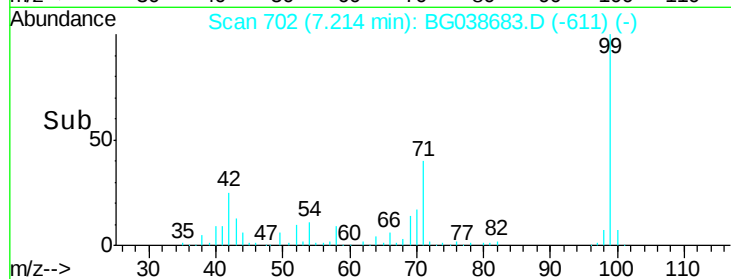
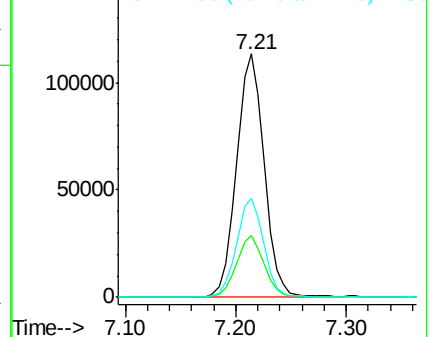
99 100

42 25.4 18.5 27.7

71 40.5 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: BG038683.D

Acq: 18 Dec 2018 4:55

Tgt Ion: 136 Resp: 81137

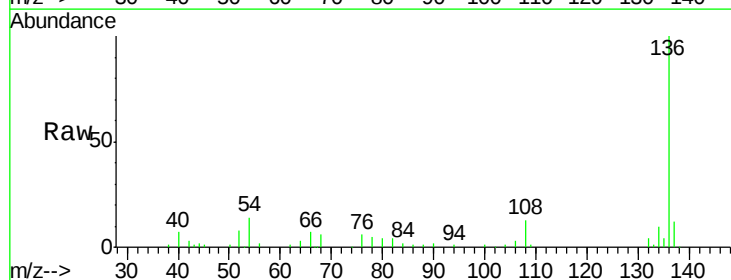
Ion Ratio Lower Upper

136 100

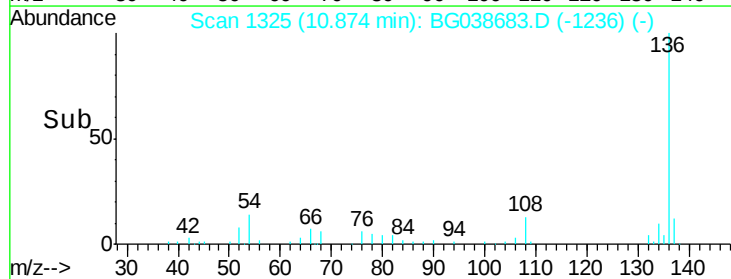
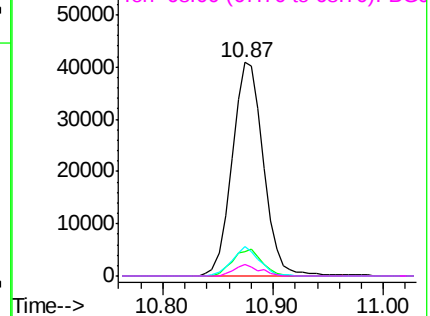
137 11.7 9.3 13.9

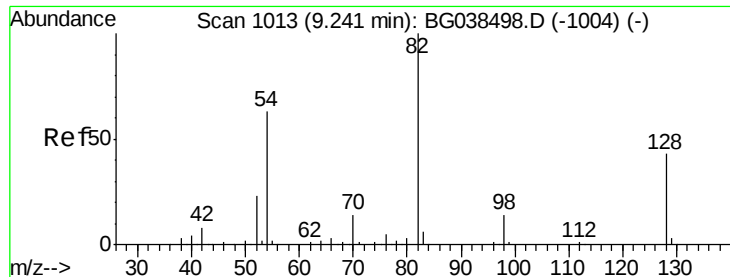
54 13.6 8.5 12.7#

68 5.6 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

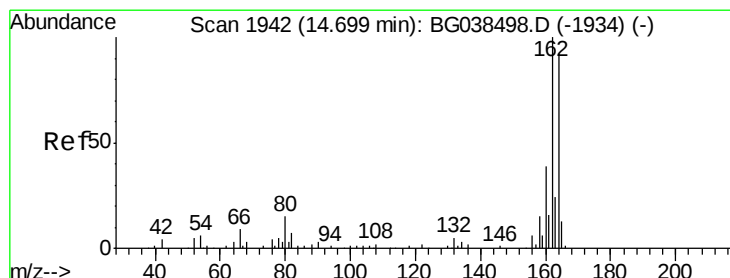
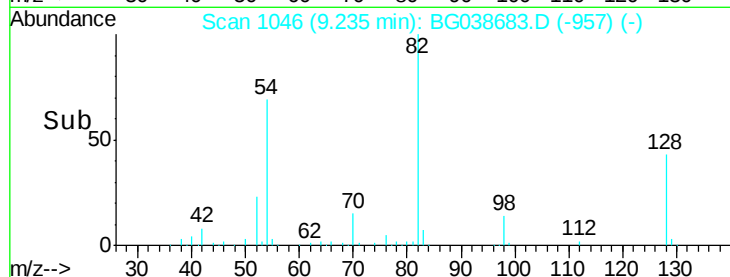
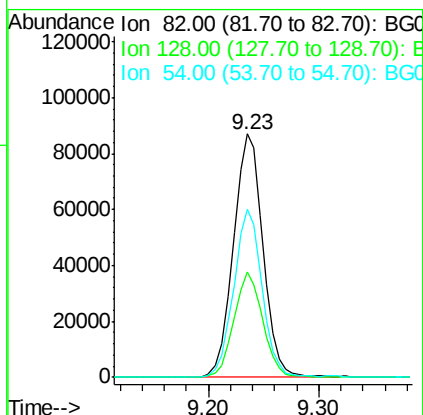
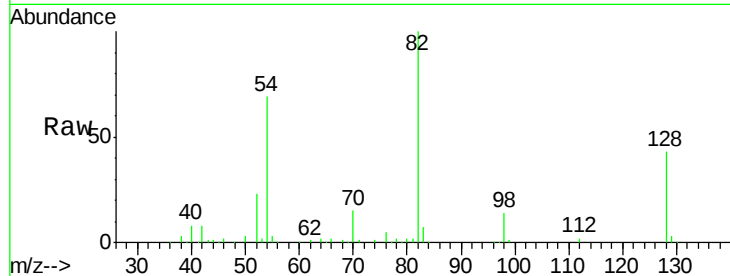




#23
Nitrobenzene-d5
Concen: 103.120 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038683.D
Acq: 18 Dec 2018 4:55

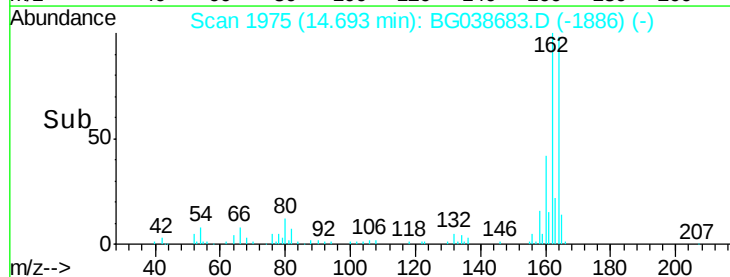
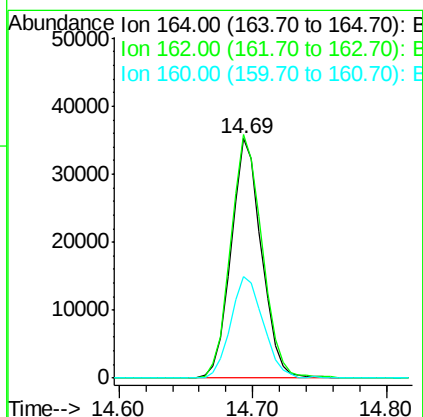
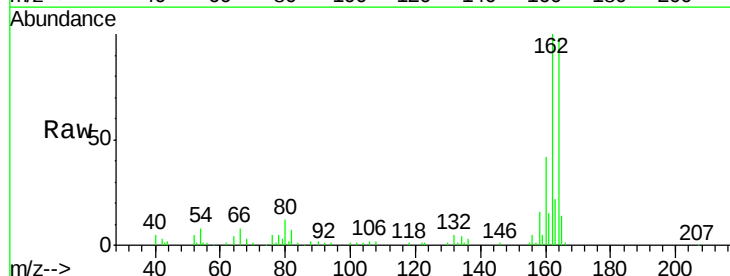
Instrument :
BNA_G
ClientSampleId :
TP-2-B

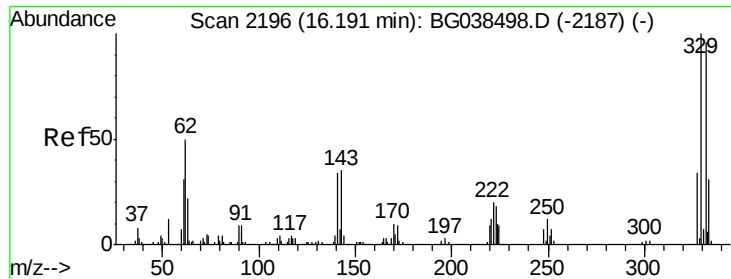
Tgt Ion: 82 Resp: 163776
Ion Ratio Lower Upper
82 100
128 43.1 34.6 52.0
54 68.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038683.D
Acq: 18 Dec 2018 4:55

Tgt Ion: 164 Resp: 55722
Ion Ratio Lower Upper
164 100
162 101.8 86.6 130.0
160 42.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 154.161 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038683.D

Acq: 18 Dec 2018 4:55

Instrument :

BNA_G

ClientSampleId :

TP-2-B

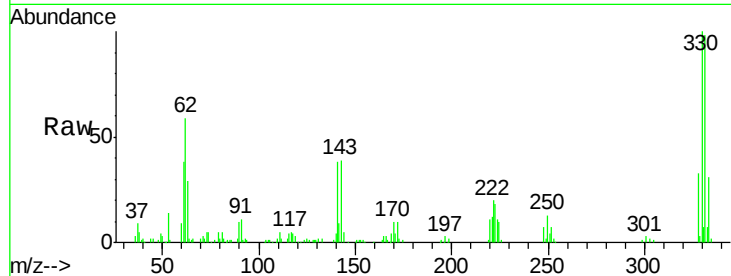
Tgt Ion:330 Resp: 118388

Ion Ratio Lower Upper

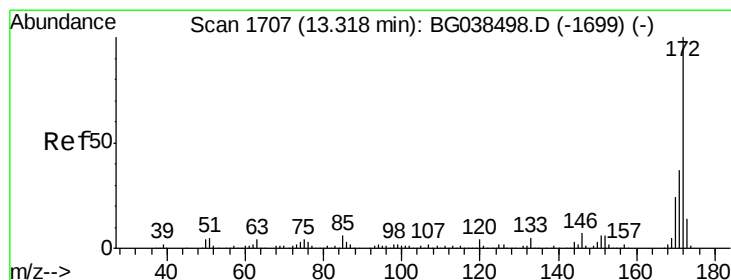
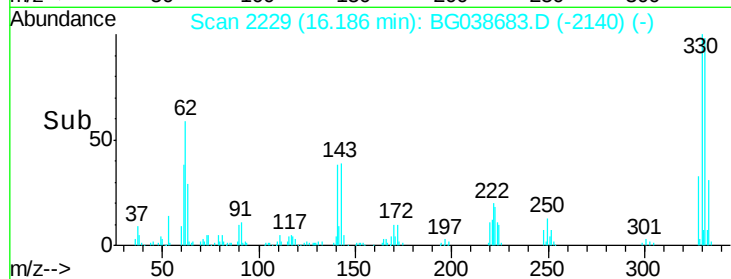
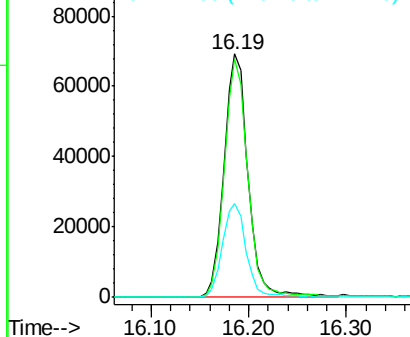
330 100

332 96.9 76.9 115.3

141 37.9 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: 97.428 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG038683.D

Acq: 18 Dec 2018 4:55

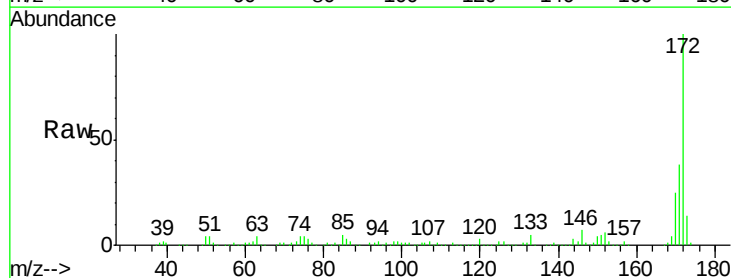
Tgt Ion:172 Resp: 395734

Ion Ratio Lower Upper

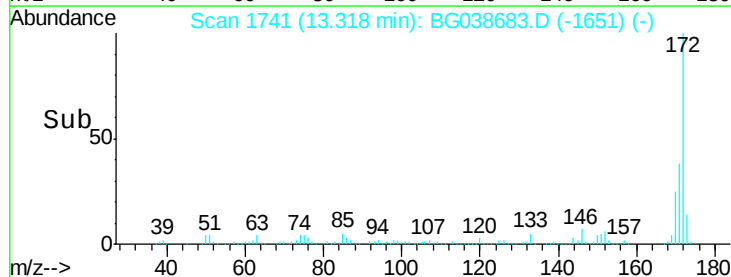
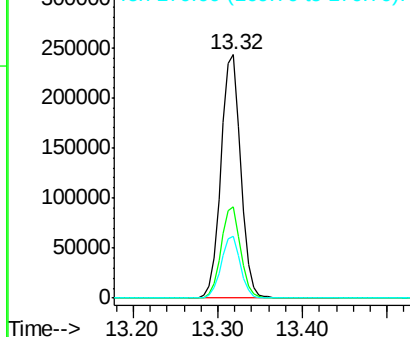
172 100

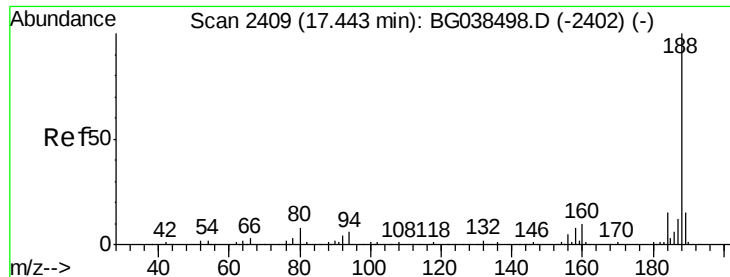
171 37.6 29.8 44.6

170 25.4 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

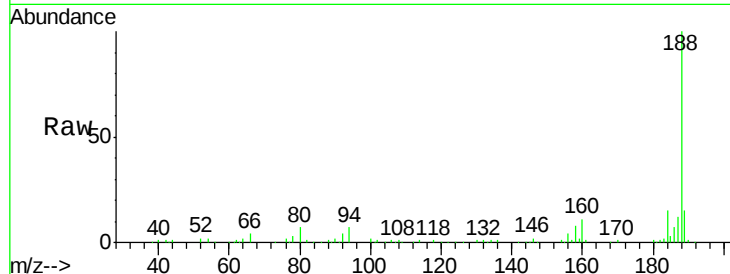




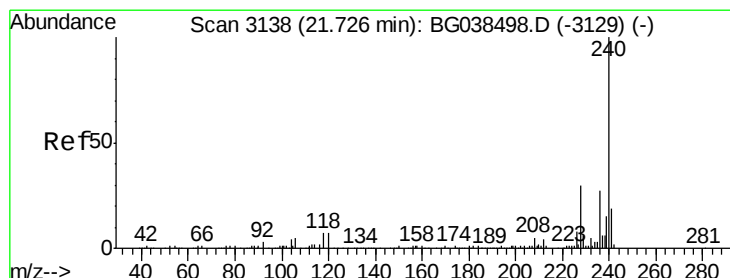
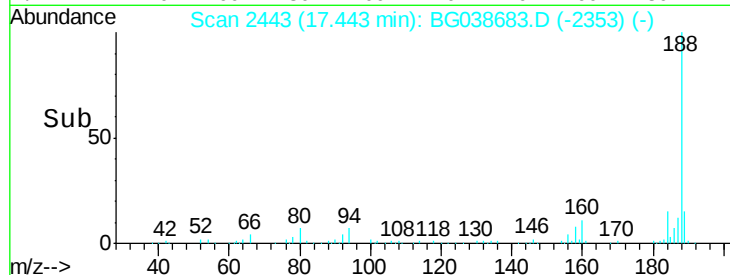
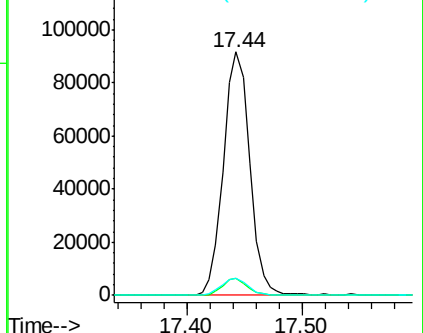
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038683.D
 Acq: 18 Dec 2018 4:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-B

Tgt Ion:188 Resp: 145670
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.1 7.7
 80 7.3 6.1 9.1

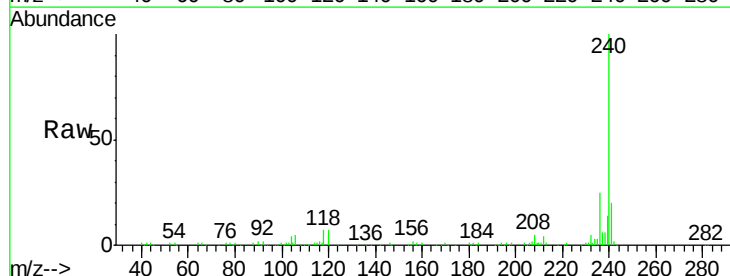


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

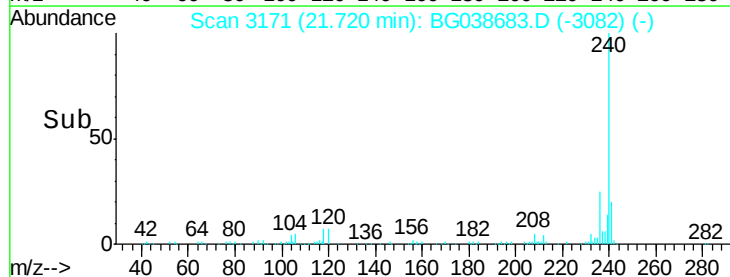
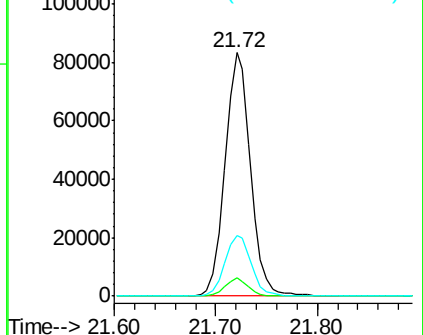


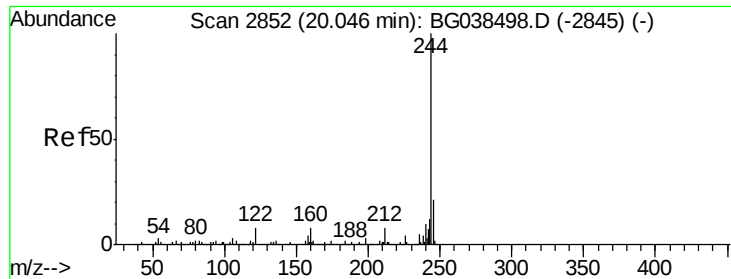
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038683.D
 Acq: 18 Dec 2018 4:55

Tgt Ion:240 Resp: 144286
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.3 7.9
 236 24.8 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: 111.775 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038683.D

Acq: 18 Dec 2018 4:55

Instrument :

BNA_G

ClientSampleId :

TP-2-B

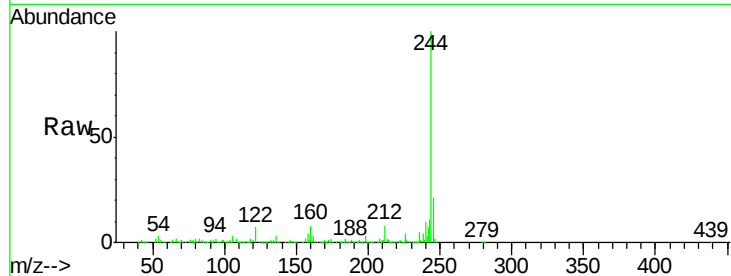
Tgt Ion:244 Resp: 741045

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

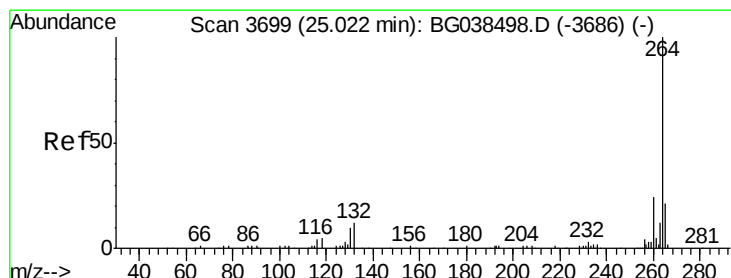
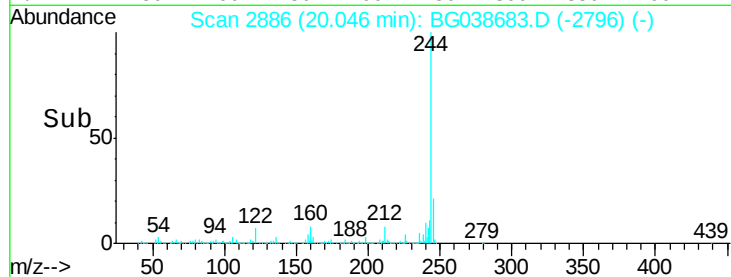
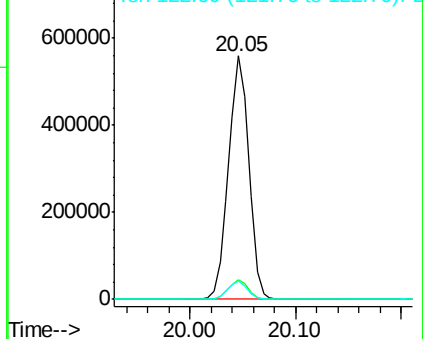
122 7.3 6.3 9.5



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: BG038683.D

Acq: 18 Dec 2018 4:55

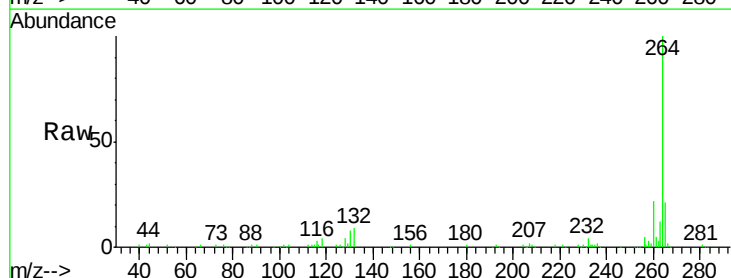
Tgt Ion:264 Resp: 156993

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 21.2 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

