

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038576.D
 Acq On : 14 Dec 2018 20:26
 Operator : JU/SJ
 Sample : PB115362BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BL

Quant Time: Dec 14 23:13:19 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	21560	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	86848	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57143	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	147641	20.00	ng	0.00
76) Chrysene-d12	21.72	240	155890	20.00	ng	0.00
87) Perylene-d12	25.02	264	160422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	146770	120.74	ng	0.00
7) Phenol-d6	7.21	99	198703	119.07	ng	0.00
23) Nitrobenzene-d5	9.24	82	127003	74.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	80094	101.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	304351	73.07	ng	0.00
79) Terphenyl-d14	20.05	244	602097	84.06	ng	0.00

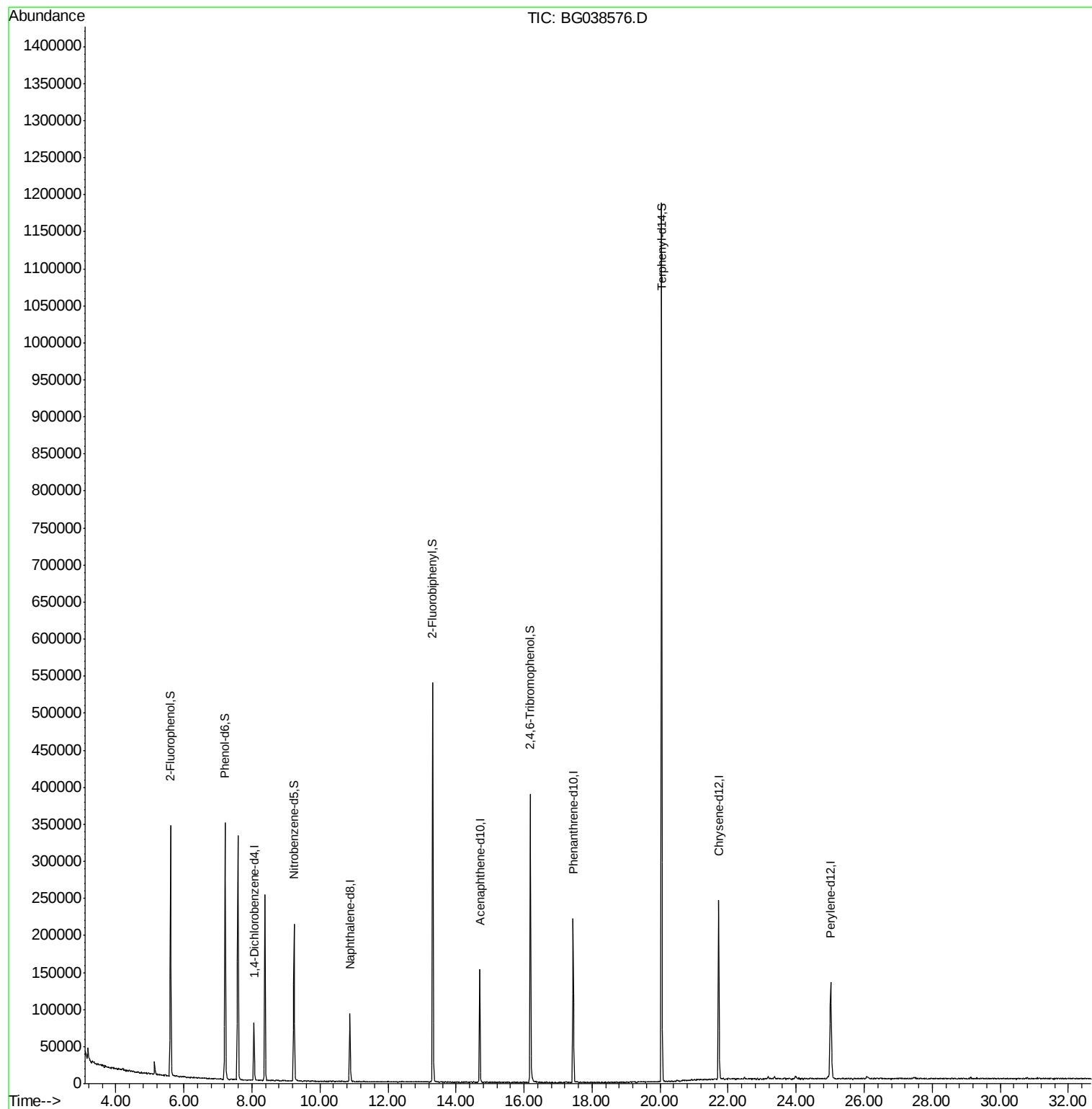
Target Compounds Qvalue

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

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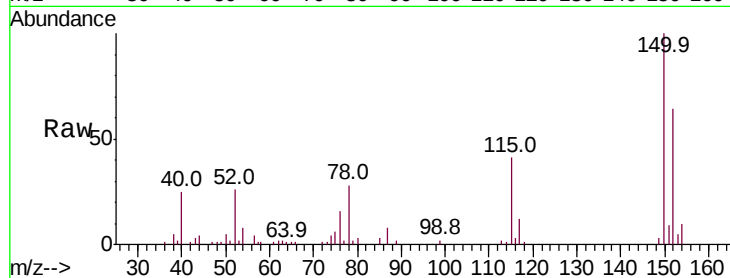


#1

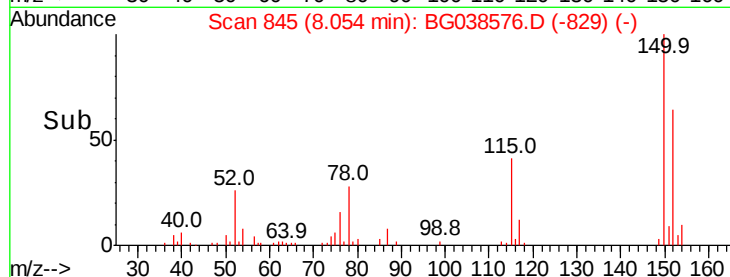
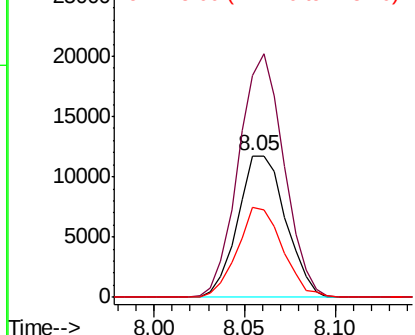
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038576.D
Acq: 14 Dec 2018 20:26

Instrument :
BNA_G
ClientSampleID :
PB115362BL

Tot Ion:152 Resp: 21560
Ion Ratio Lower Upper
152 100
150 157.0 119.5 179.3
115 63.8 49.6 74.4



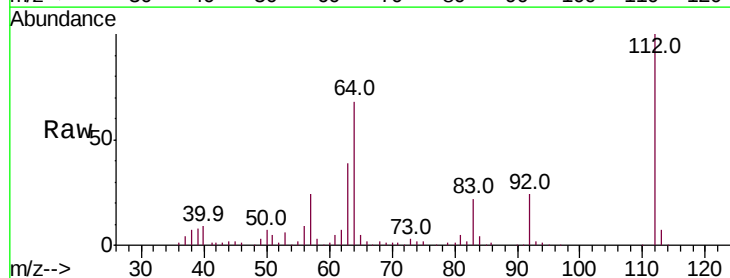
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



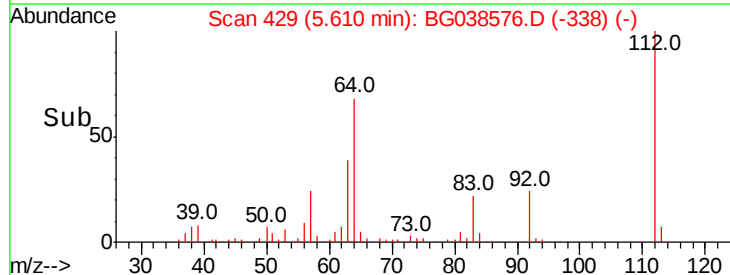
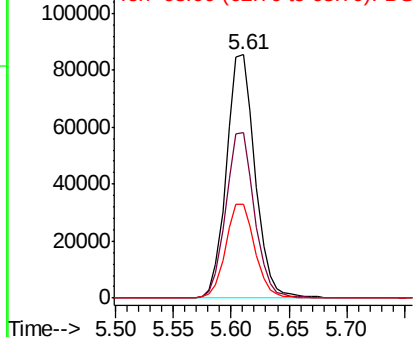
#5

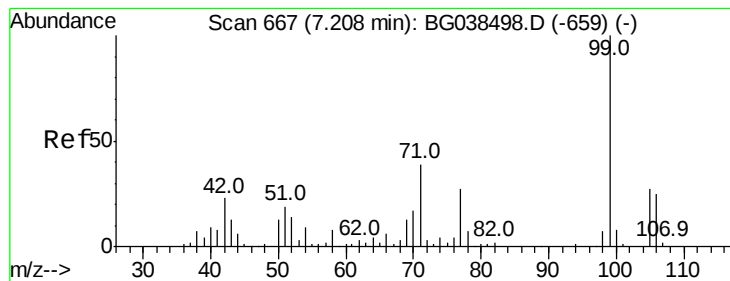
2-Fluorophenol
Concen: 120.742 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038576.D
Acq: 14 Dec 2018 20:26

Tgt Ion:112 Resp: 146770
Ion Ratio Lower Upper
112 100
64 68.0 53.4 80.2
63 38.7 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: 119.073 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038576.D

Acq: 14 Dec 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PB115362BL

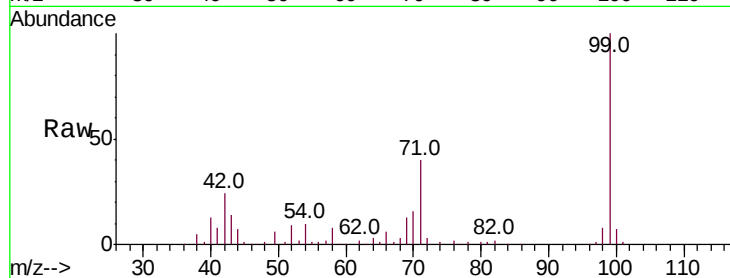
Tot Ion: 99 Resp: 198703

Ion Ratio Lower Upper

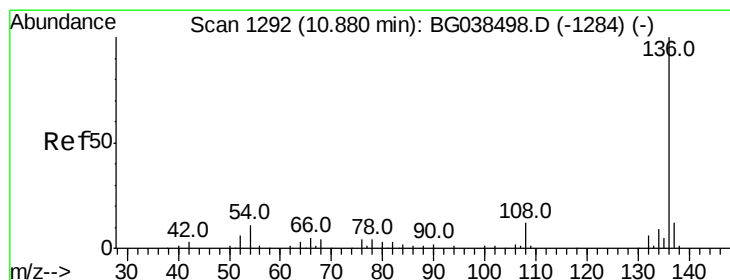
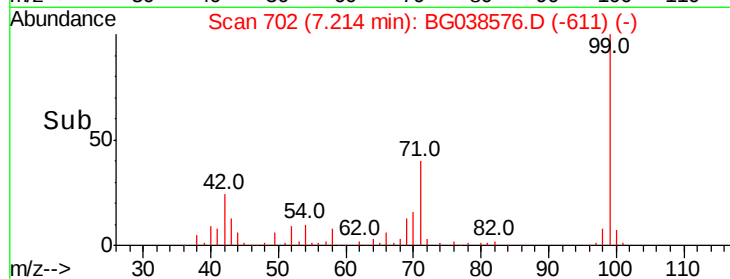
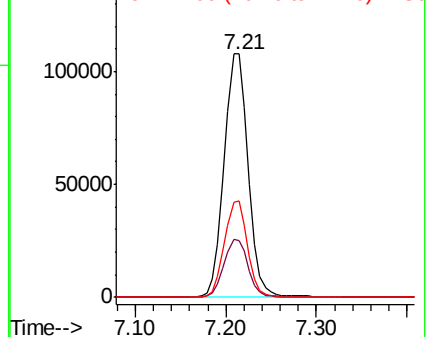
99 100

42 23.5 18.5 27.7

71 39.6 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: BG038576.D

Acq: 14 Dec 2018 20:26

Tgt Ion:136 Resp: 86848

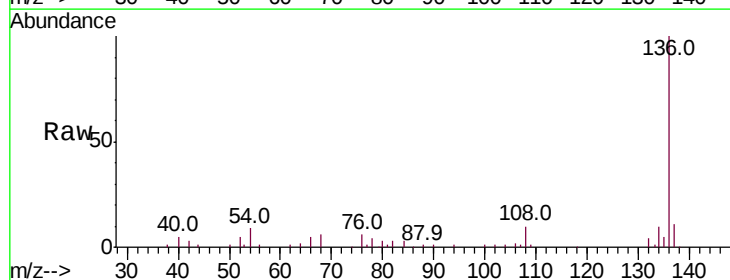
Ion Ratio Lower Upper

136 100

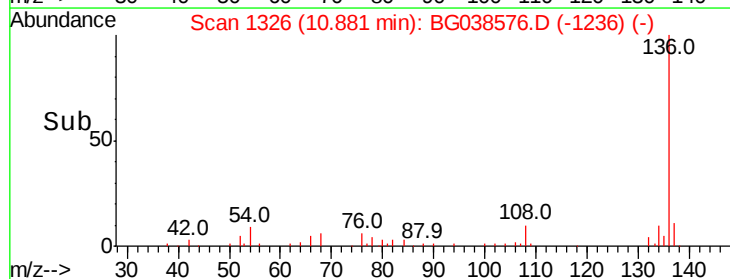
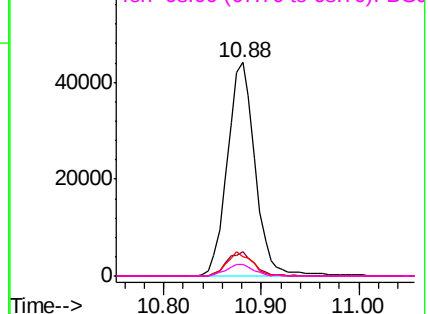
137 11.4 9.3 13.9

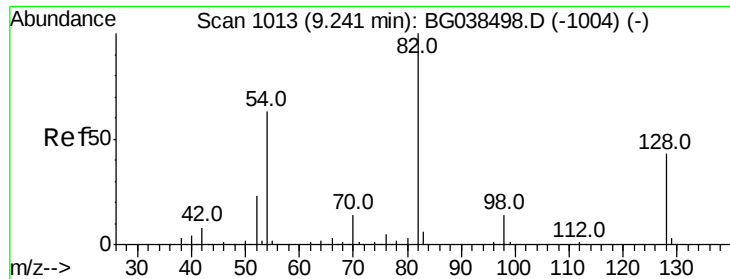
54 9.3 8.5 12.7

68 5.7 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: 74.708 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038576.D

Acq: 14 Dec 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PB115362BL

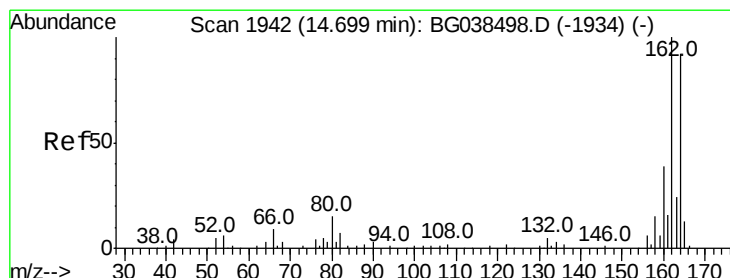
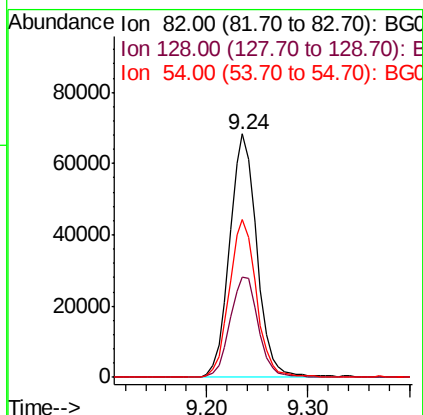
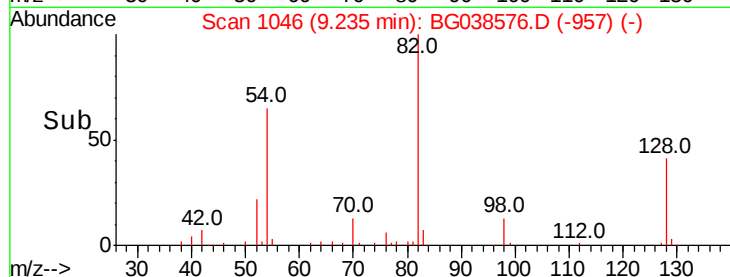
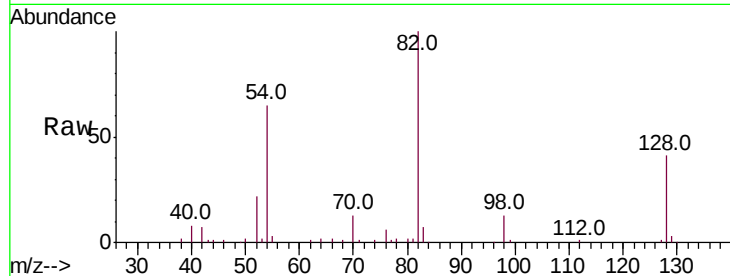
Tot Ion: 82 Resp: 127003

Ion Ratio Lower Upper

82 100

128 40.9 34.6 52.0

54 64.6 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: BG038576.D

Acq: 14 Dec 2018 20:26

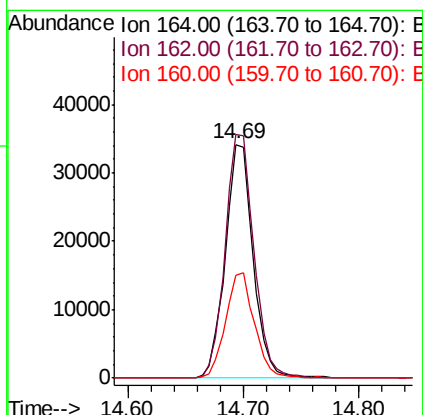
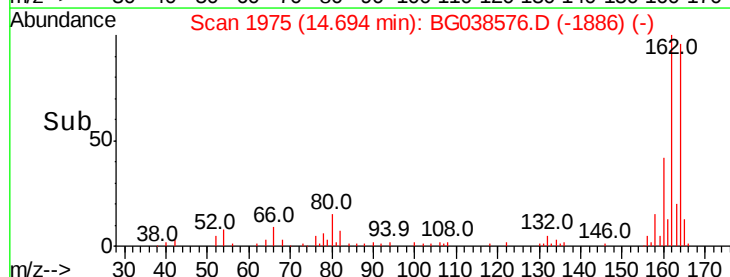
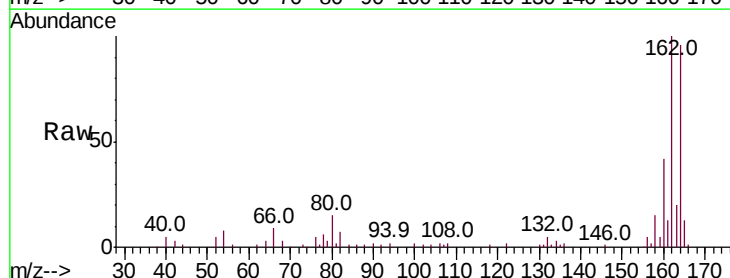
Tgt Ion: 164 Resp: 57143

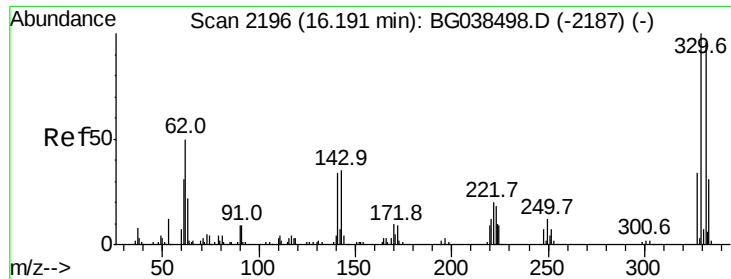
Ion Ratio Lower Upper

164 100

162 104.1 86.6 130.0

160 43.8 34.2 51.2

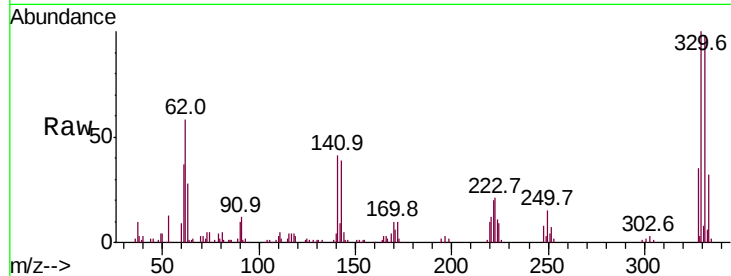




#42
 2,4,6-Tribromophenol
 Concen: 101.702 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038576.D
 Acq: 14 Dec 2018 20:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.9	115.3
141	37.5	28.8	43.2

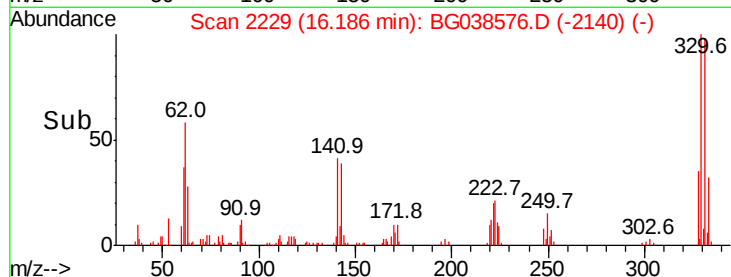
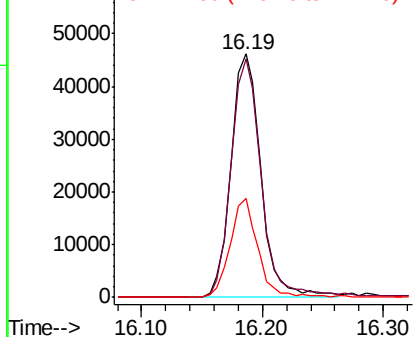


Abundance

Ion 329.80 (329.50 to 330.50): E

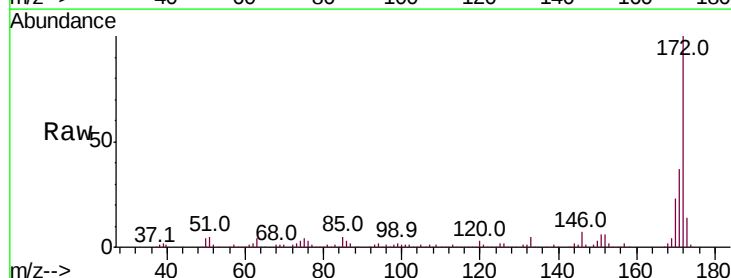
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.066 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG038576.D
 Acq: 14 Dec 2018 20:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	23.0	19.5	29.3

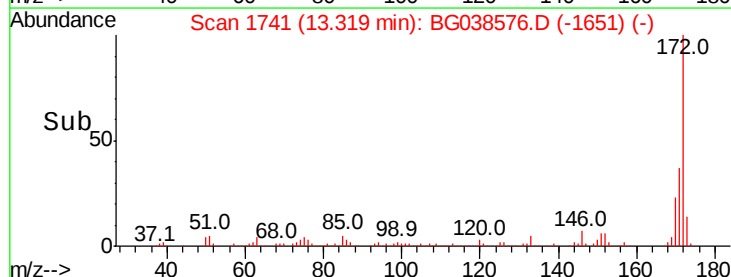
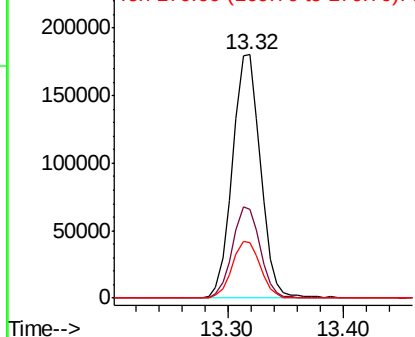


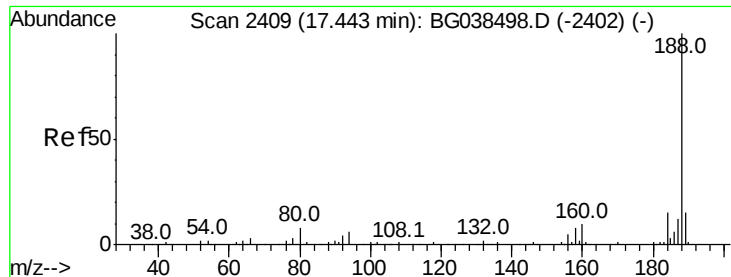
Abundance

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

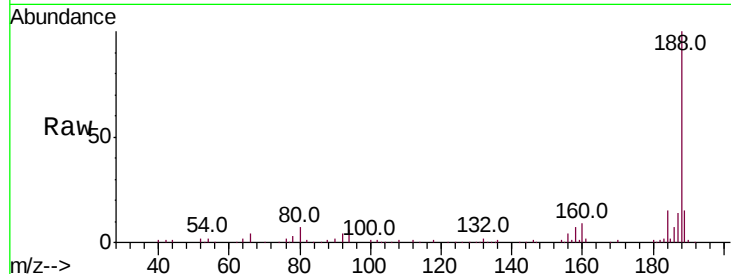




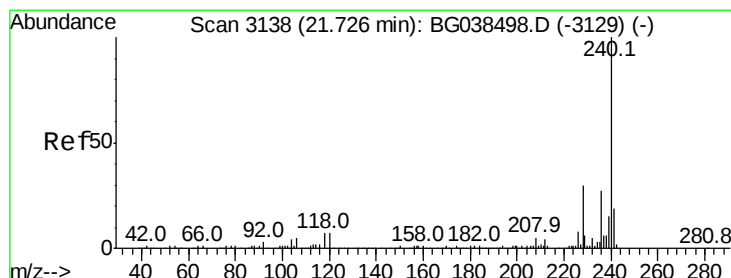
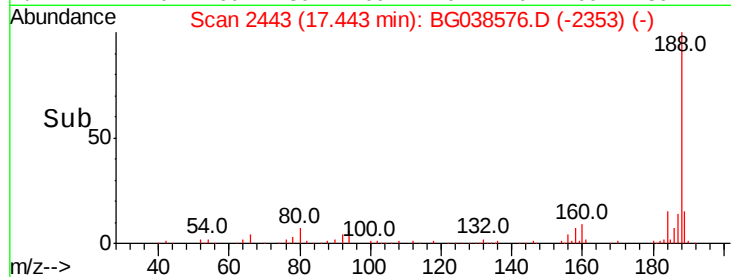
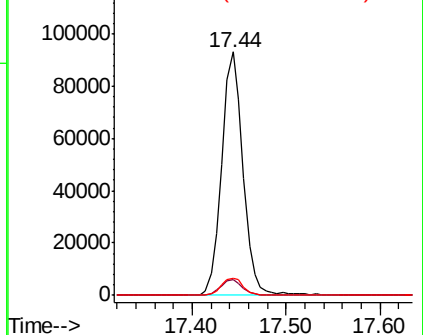
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038576.D
 Acq: 14 Dec 2018 20:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BL

Tot Ion:188 Resp: 147641
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 7.1 6.1 9.1

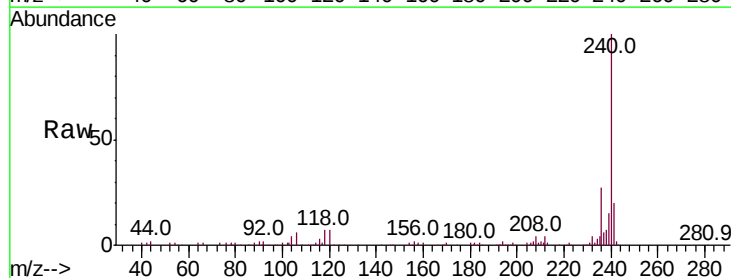


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

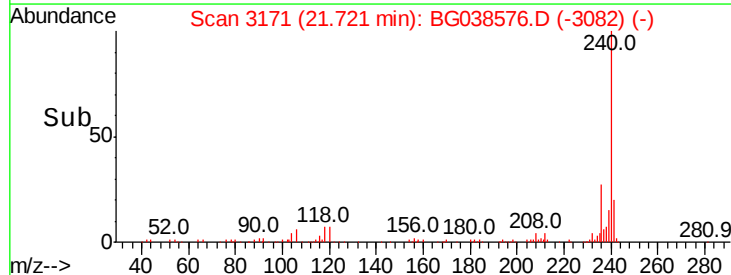
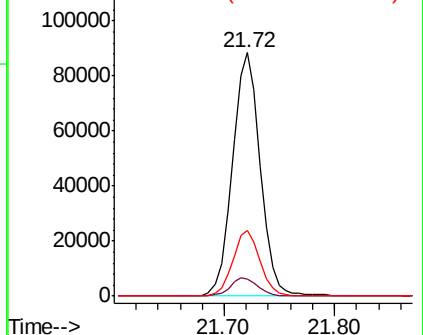


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038576.D
 Acq: 14 Dec 2018 20:26

Tgt Ion:240 Resp: 155890
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.3 7.9
 236 26.7 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: 84.057 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038576.D

Acq: 14 Dec 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PB115362BL

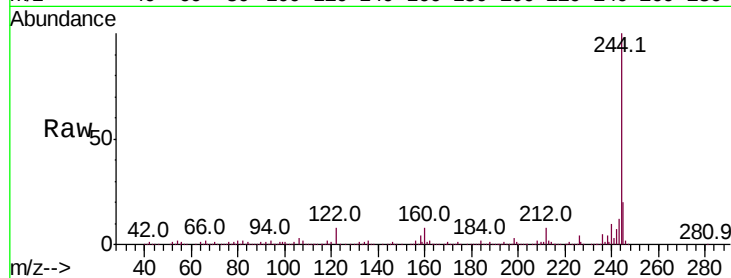
Tot Ion:244 Resp: 602097

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

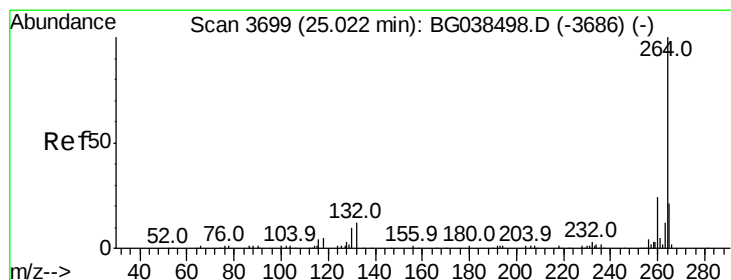
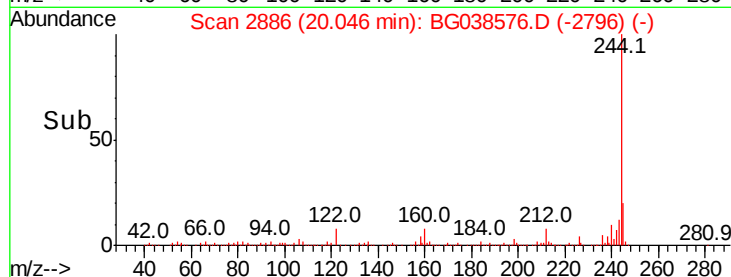
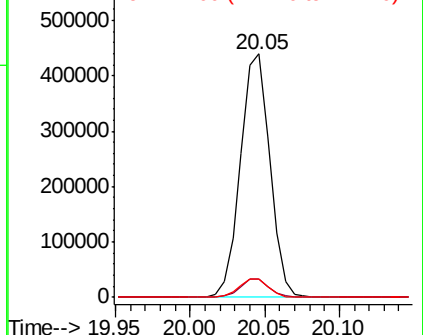
122 7.6 6.3 9.5



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: BG038576.D

Acq: 14 Dec 2018 20:26

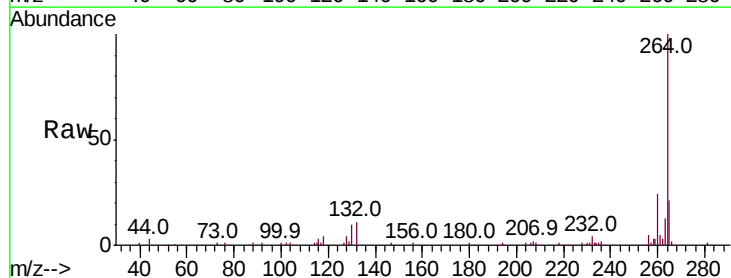
Tgt Ion:264 Resp: 160422

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 20.6 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

