

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038590.D
 Acq On : 15 Dec 2018 5:39
 Operator : JU/SJ
 Sample : PB115539BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115539BL

Quant Time: Dec 16 00:16:37 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	21514	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84367	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55276	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	144432	20.00	ng	0.00
76) Chrysene-d12	21.72	240	157794	20.00	ng	0.00
87) Perylene-d12	25.01	264	160781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	129819	107.03	ng	0.00
7) Phenol-d6	7.21	99	168235	101.03	ng	0.00
23) Nitrobenzene-d5	9.24	82	111143	67.30	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	67674	88.83	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	269433	66.87	ng	0.00
79) Terphenyl-d14	20.04	244	535345	73.84	ng	0.00

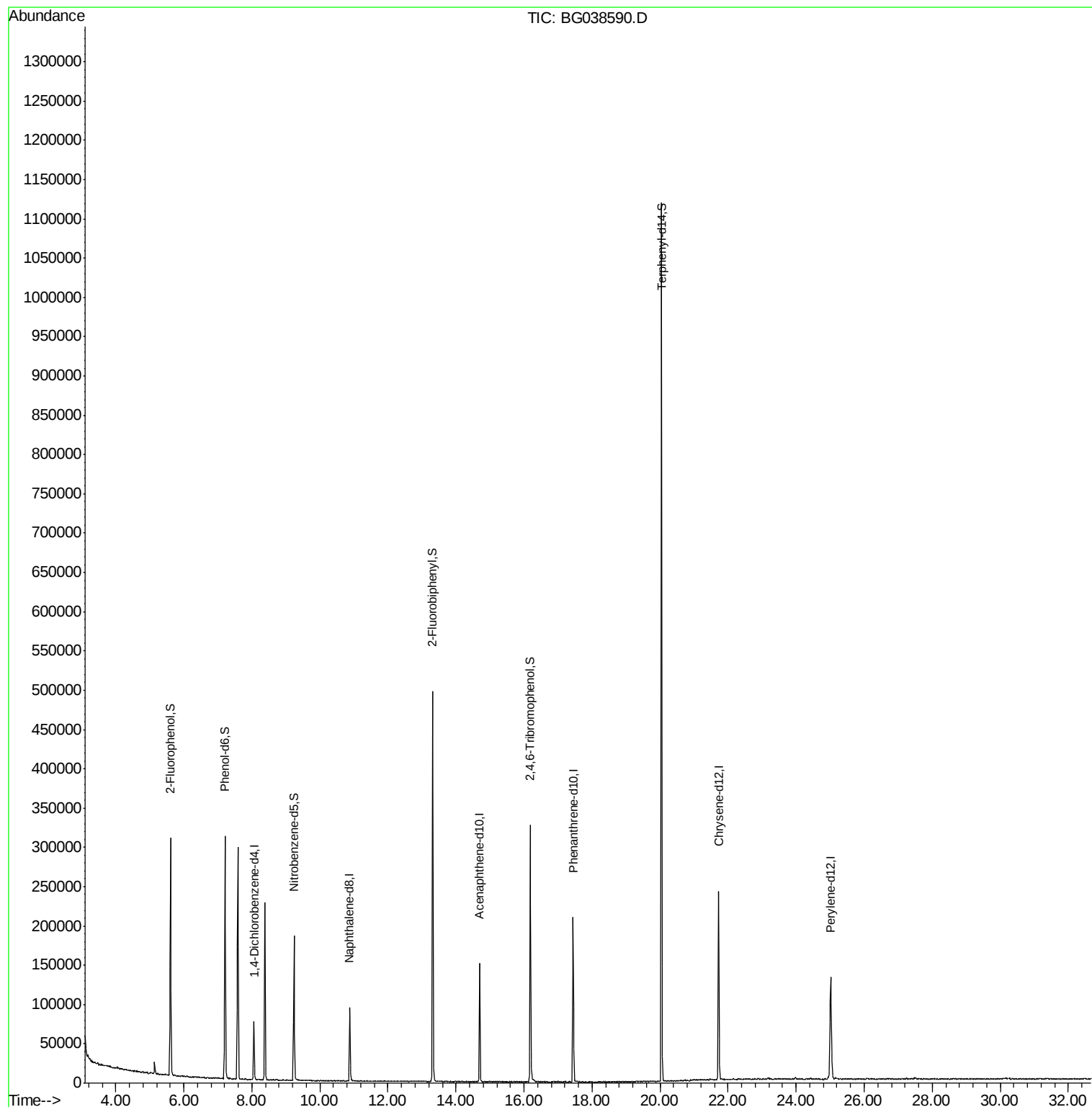
Target Compounds Qvalue

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

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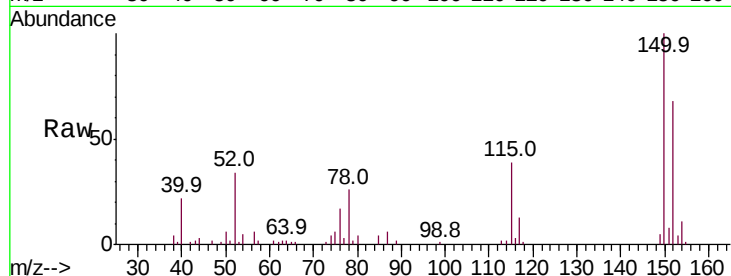


#1

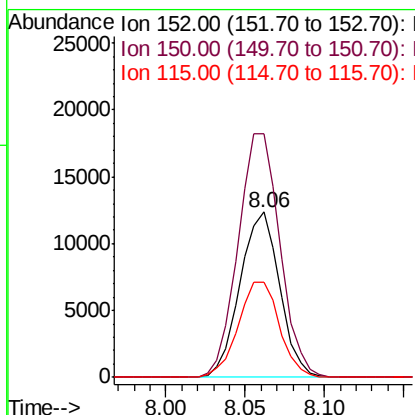
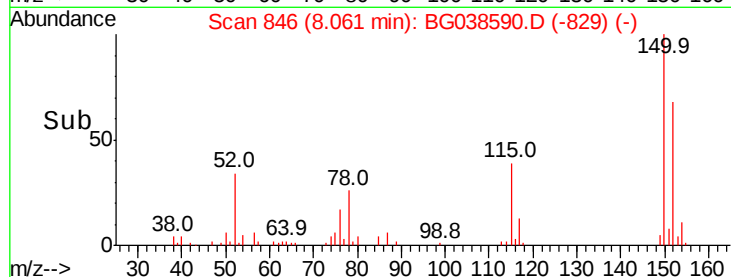
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038590.D
Acq: 15 Dec 2018 5:39

Instrument :
BNA_G
ClientSampleId :
PB115539BL

Tot Ion:152 Resp: 21514
Ion Ratio Lower Upper
152 100
150 147.1 119.5 179.3
115 57.5 49.6 74.4



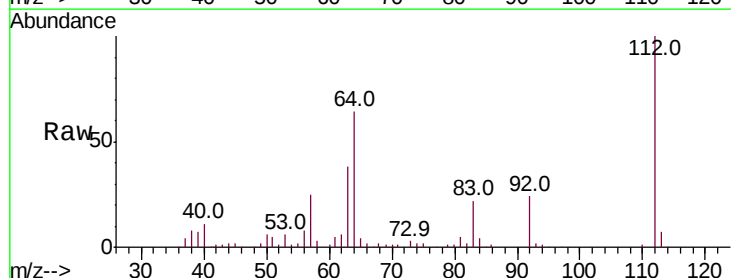
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



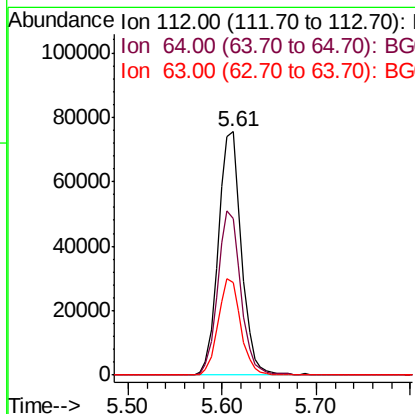
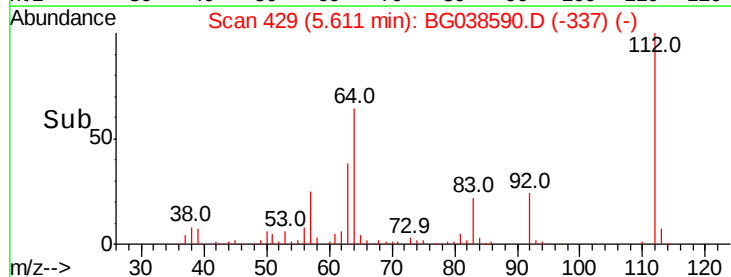
#5

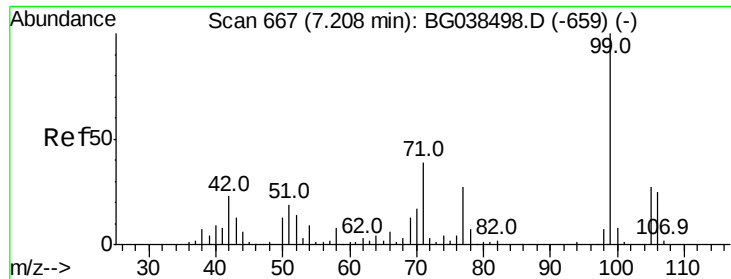
2-Fluorophenol
Concen: 107.025 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038590.D
Acq: 15 Dec 2018 5:39

Tgt Ion:112 Resp: 129819
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 38.2 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: 101.031 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038590.D

Acq: 15 Dec 2018 5:39

Instrument :

BNA_G

ClientSampleId :

PB115539BL

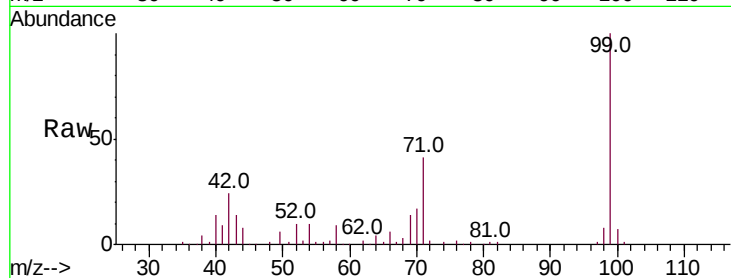
Tot Ion: 99 Resp: 168235

Ion Ratio Lower Upper

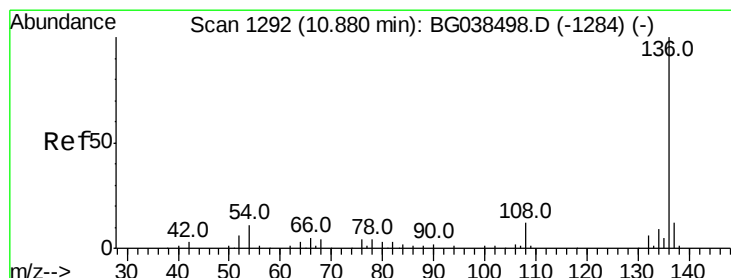
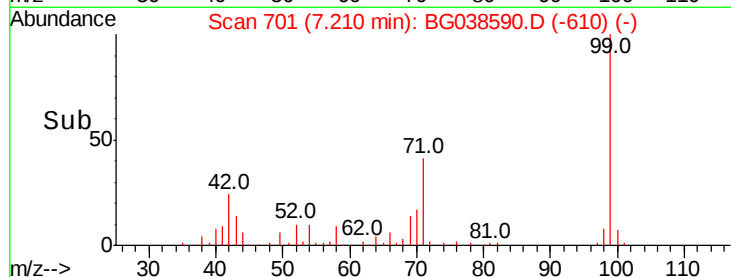
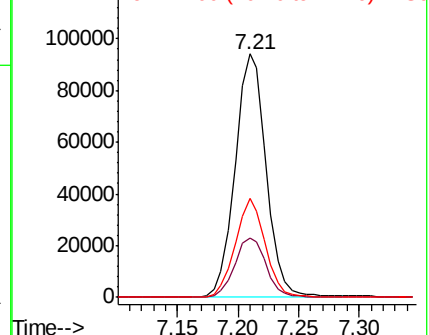
99 100

42 24.4 18.5 27.7

71 40.6 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# 1325

Delta R.T. -0.00 min

Lab File: BG038590.D

Acq: 15 Dec 2018 5:39

Tgt Ion: 136 Resp: 84367

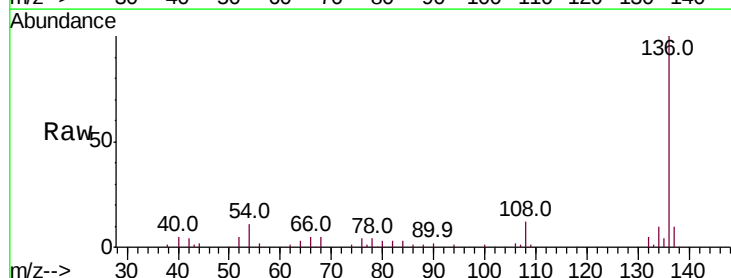
Ion Ratio Lower Upper

136 100

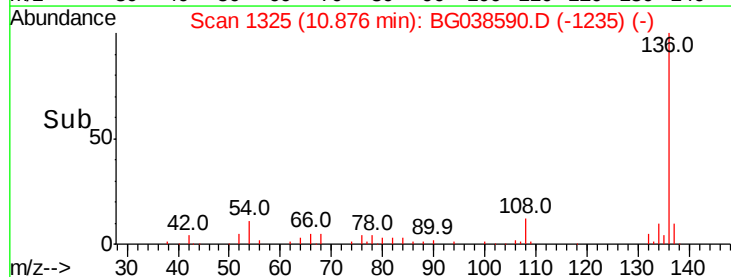
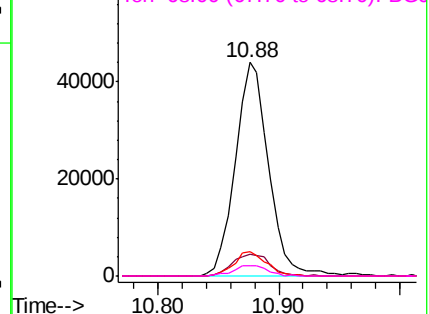
137 10.4 9.3 13.9

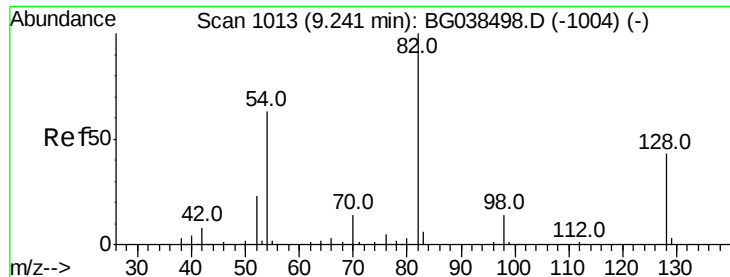
54 11.5 8.5 12.7

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

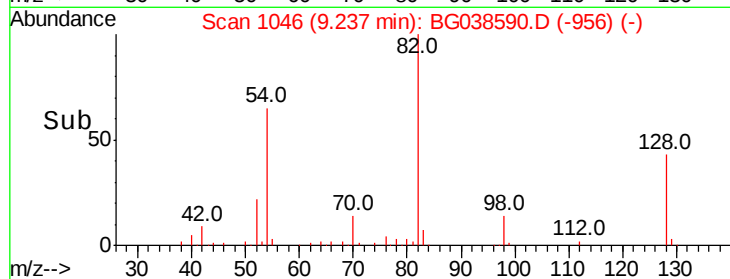
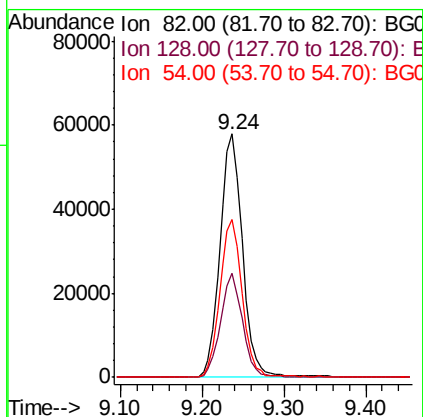
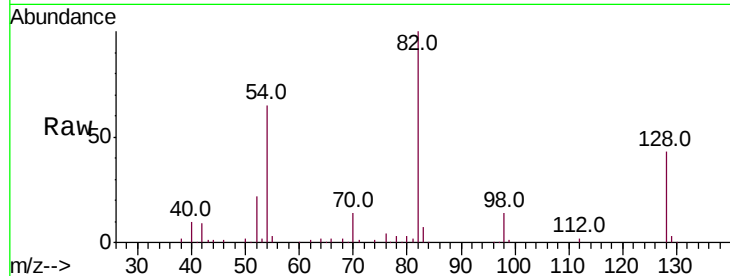




#23
Nitrobenzene-d5
Concen: 67.301 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038590.D
Acq: 15 Dec 2018 5:39

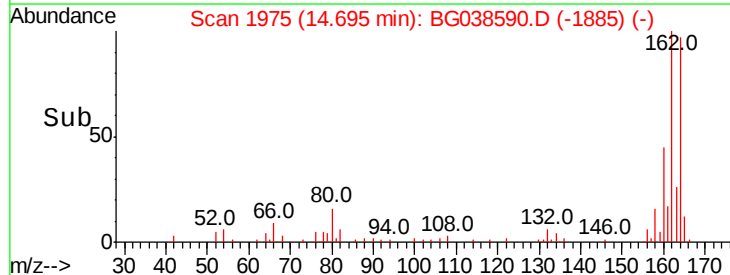
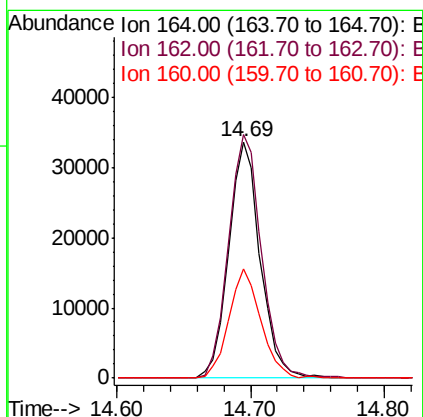
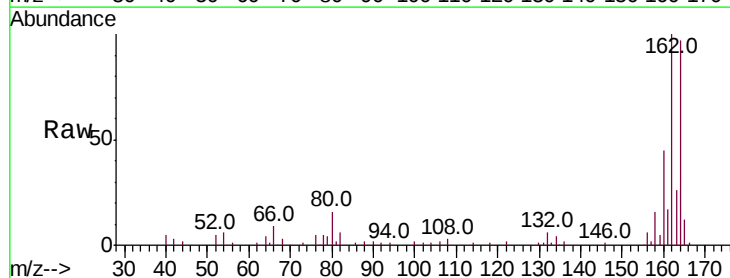
Instrument :
BNA_G
ClientSampleId :
PB115539BL

Tot Ion: 82 Resp: 111143
Ion Ratio Lower Upper
82 100
128 42.5 34.6 52.0
54 64.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038590.D
Acq: 15 Dec 2018 5:39

Tgt Ion: 164 Resp: 55276
Ion Ratio Lower Upper
164 100
162 103.1 86.6 130.0
160 46.2 34.2 51.2

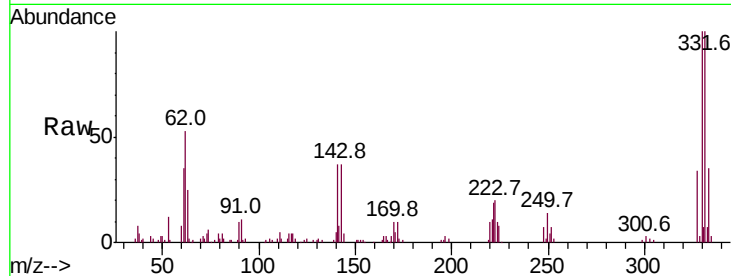




#42
 2,4,6-Tribromophenol
 Concen: 88.834 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038590.D
 Acq: 15 Dec 2018 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115539BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.9	115.3
141	38.9	28.8	43.2

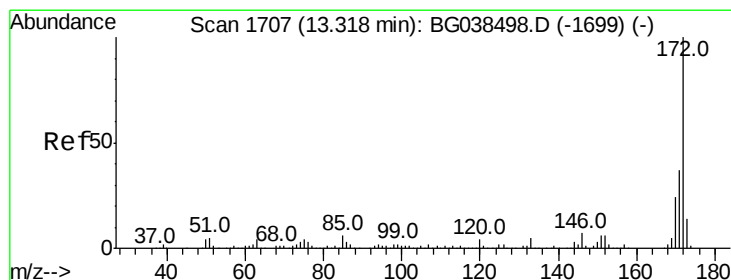
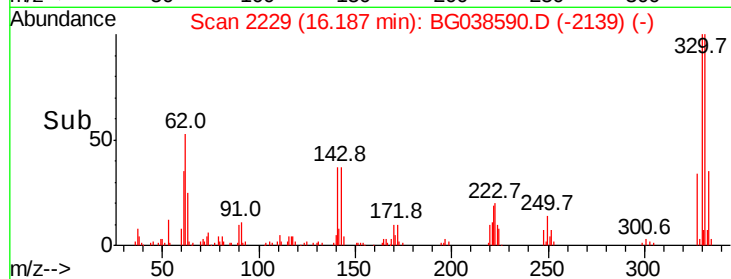
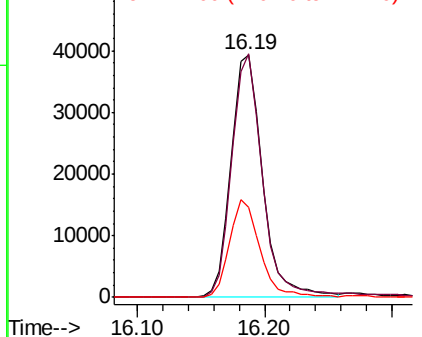


Abundance

Ion 329.80 (329.50 to 330.50): E

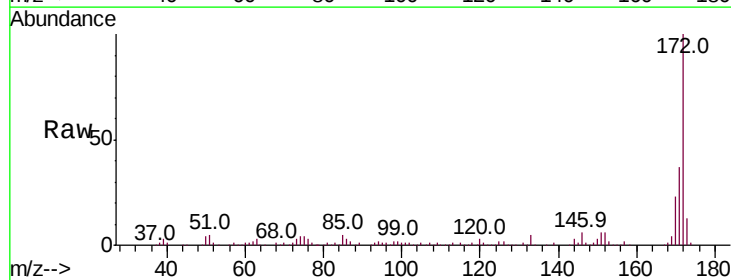
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.868 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038590.D
 Acq: 15 Dec 2018 5:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	23.3	19.5	29.3

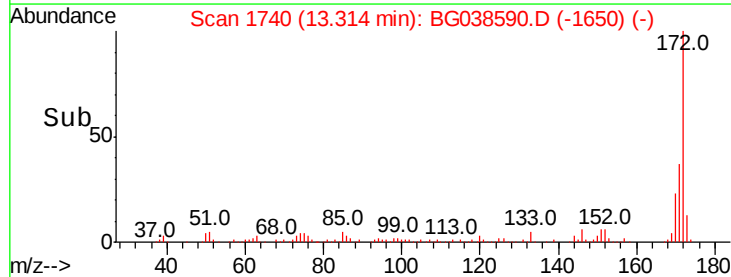
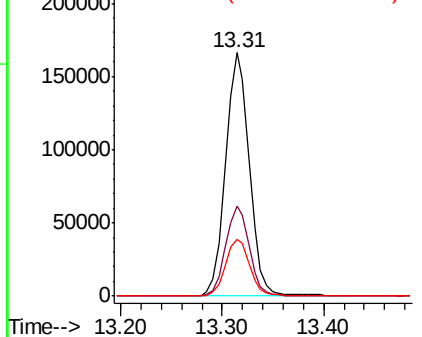


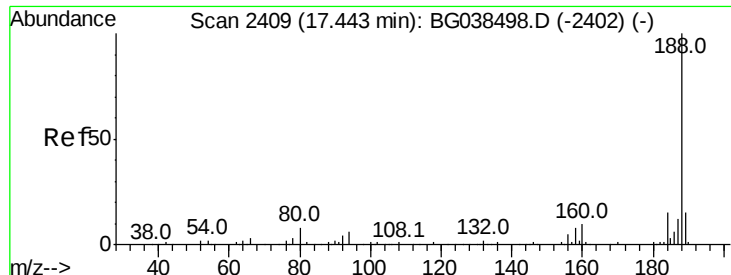
Abundance

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

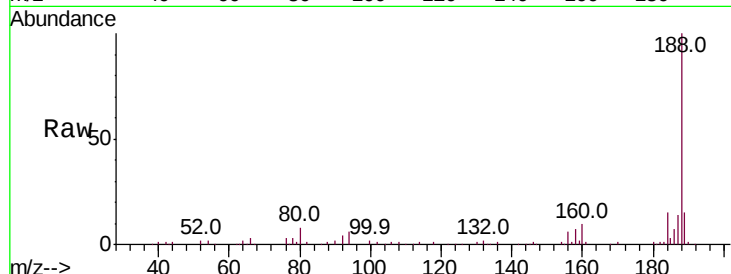




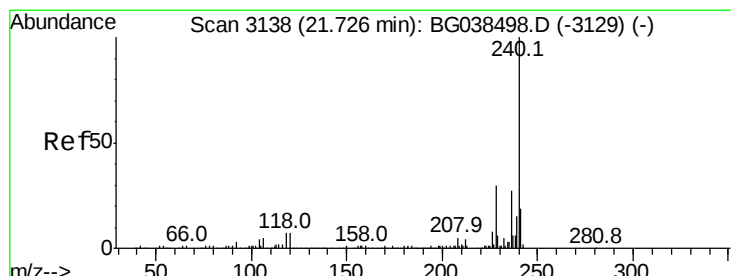
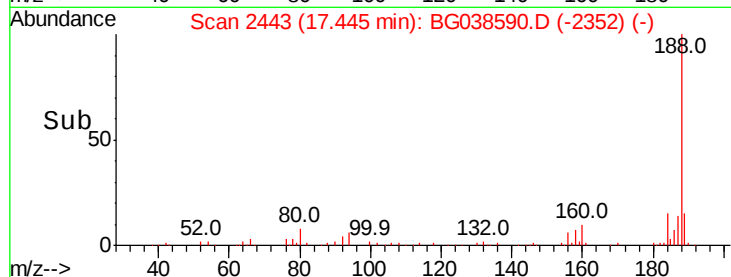
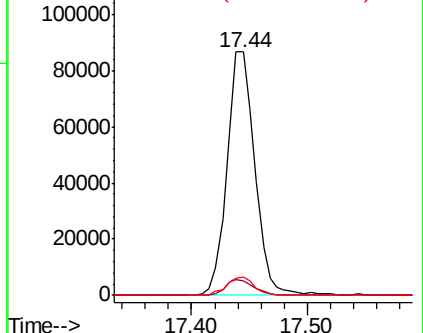
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038590.D
Acq: 15 Dec 2018 5:39

Instrument :
BNA_G
ClientSampleId :
PB115539BL

Tot Ion:188 Resp: 144432
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 7.8 6.1 9.1

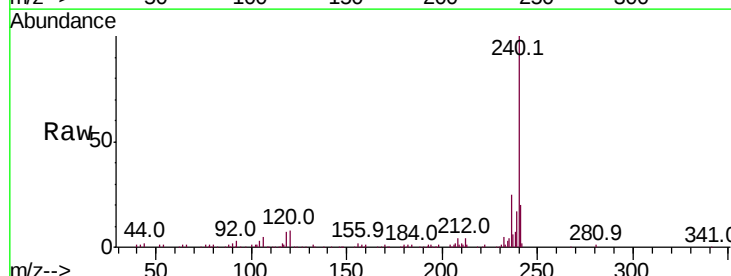


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

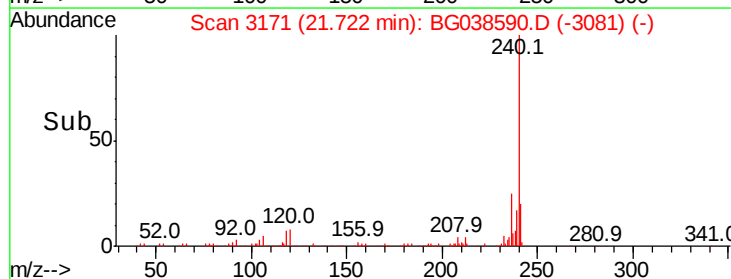
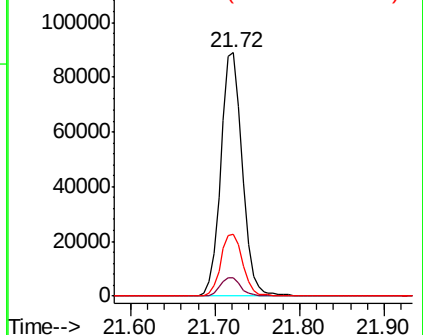


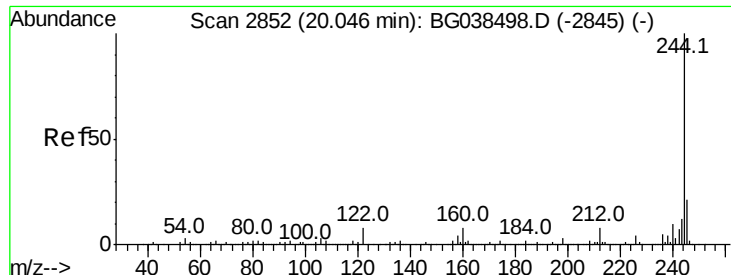
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038590.D
Acq: 15 Dec 2018 5:39

Tgt Ion:240 Resp: 157794
Ion Ratio Lower Upper
240 100
120 7.7 5.3 7.9
236 25.4 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: 73.836 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038590.D

Acq: 15 Dec 2018 5:39

Instrument :

BNA_G

ClientSampleId :

PB115539BL

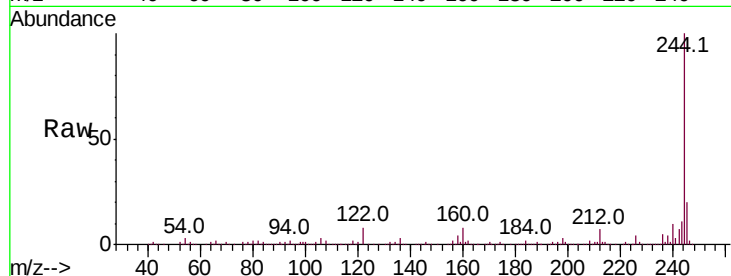
Tot Ion:244 Resp: 535345

Ion Ratio Lower Upper

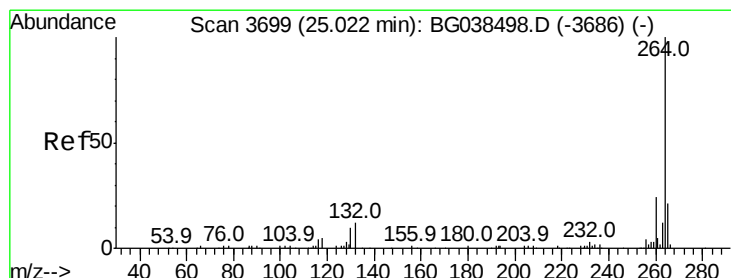
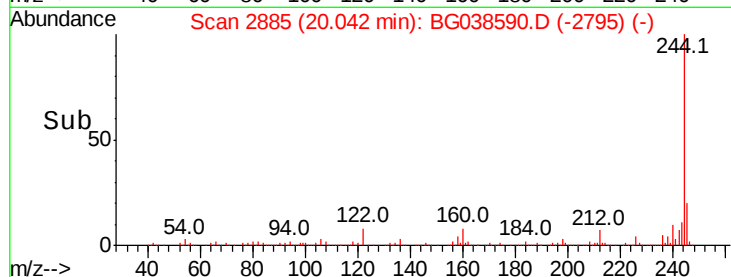
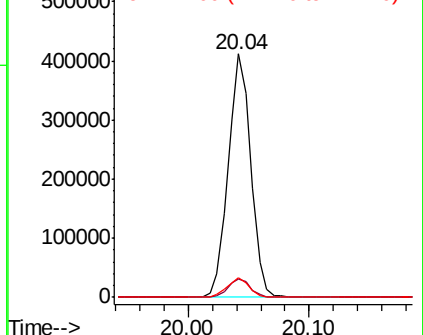
244 100

212 7.3 6.2 9.2

122 7.9 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: BG038590.D

Acq: 15 Dec 2018 5:39

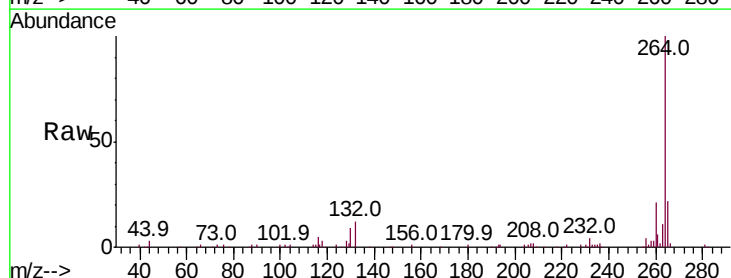
Tgt Ion:264 Resp: 160781

Ion Ratio Lower Upper

264 100

260 20.9 18.9 28.3

265 21.6 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

