

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038608.D
 Acq On : 15 Dec 2018 17:29
 Operator : JU/SJ
 Sample : PB115660BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BL

Quant Time: Dec 16 04:01:37 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	21062	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84988	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	54552	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	144801	20.00	ng	0.00
76) Chrysene-d12	21.72	240	159946	20.00	ng	0.00
87) Perylene-d12	25.02	264	168400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	114031	96.03	ng	0.00
7) Phenol-d6	7.21	99	152205	93.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	97377	58.53	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	63630	84.63	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	236202	59.40	ng	0.00
79) Terphenyl-d14	20.04	244	486719	66.23	ng	0.00

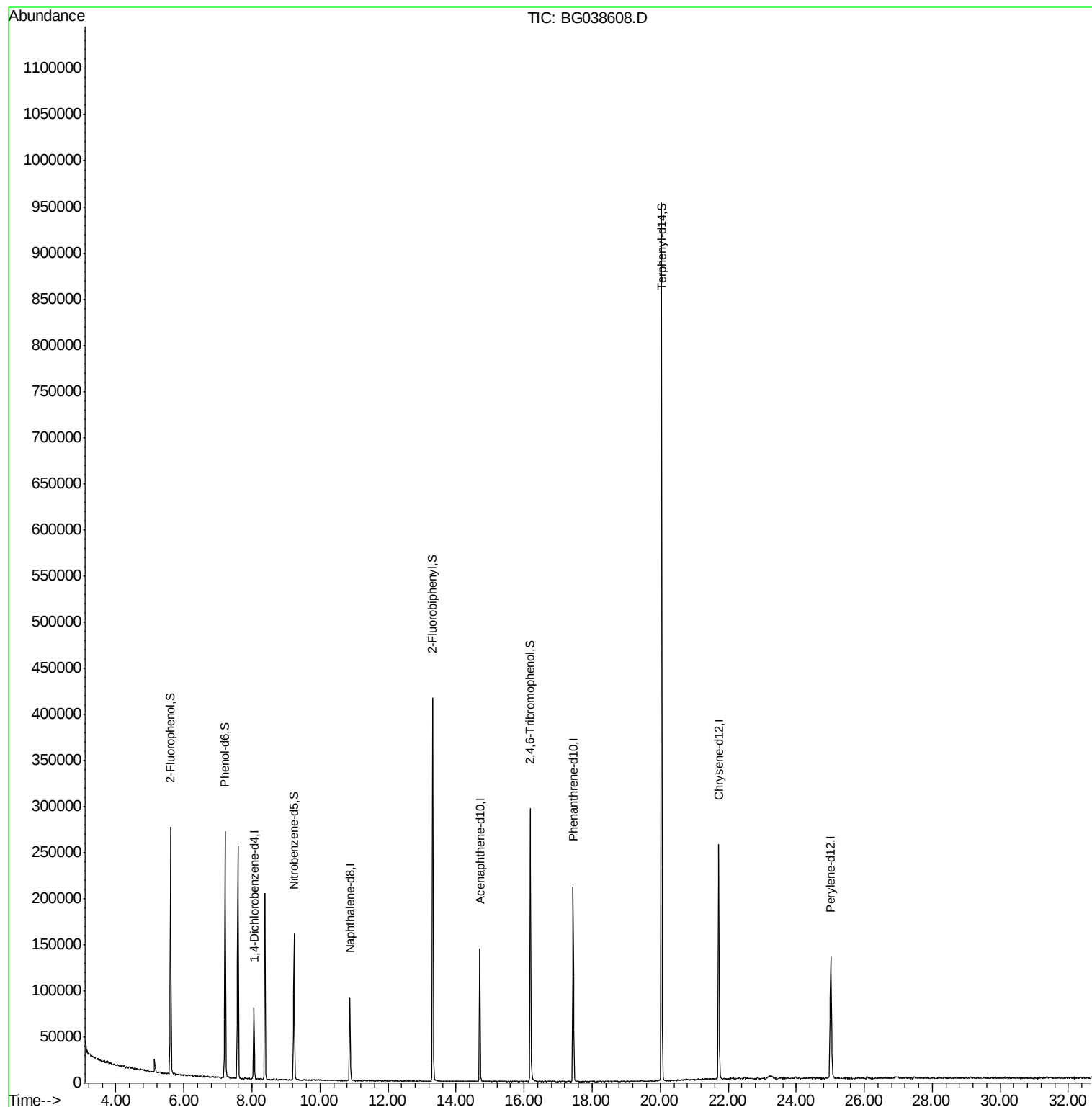
Target Compounds Qvalue

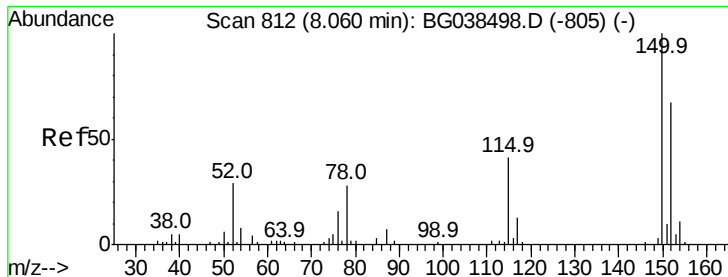
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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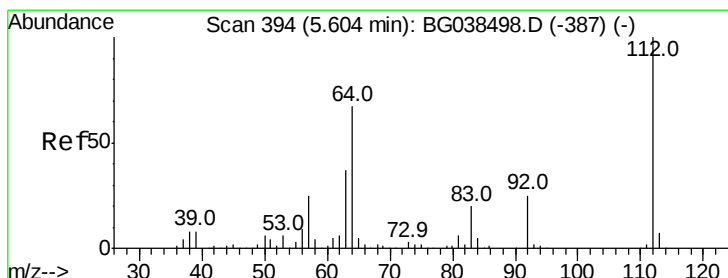
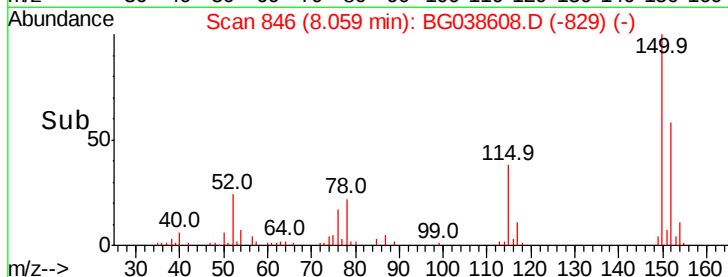
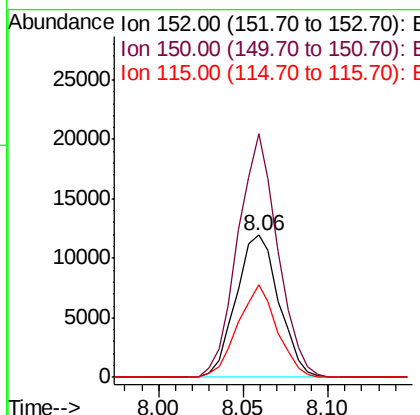
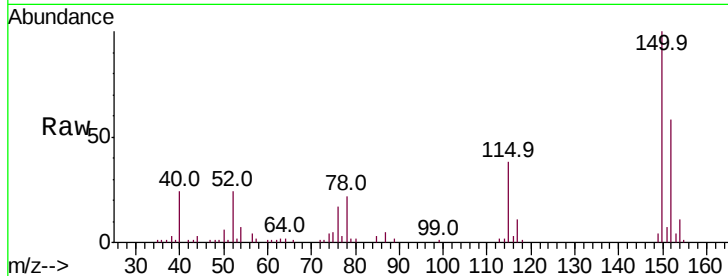


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038608.D
 Acq: 15 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115660BL

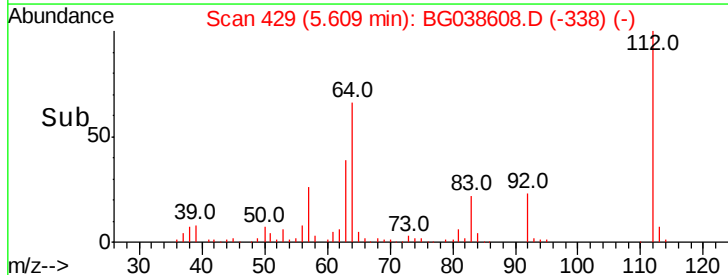
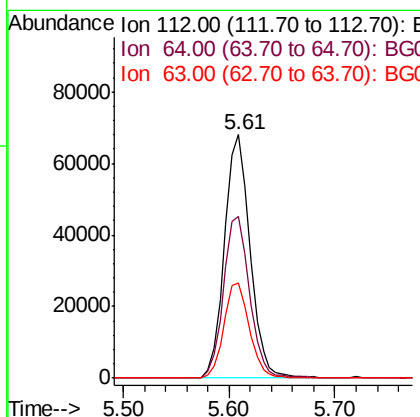
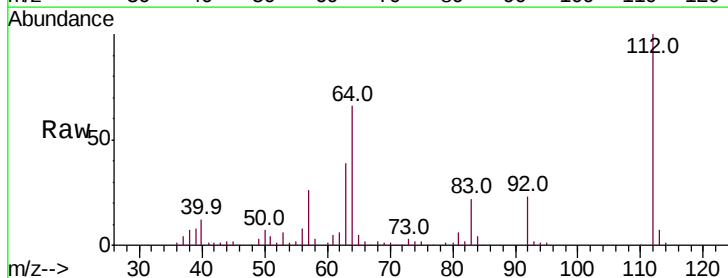
Tot Ion	Ratio	Lower	Upper
152	100		
150	171.3	119.5	179.3
115	64.9	49.6	74.4

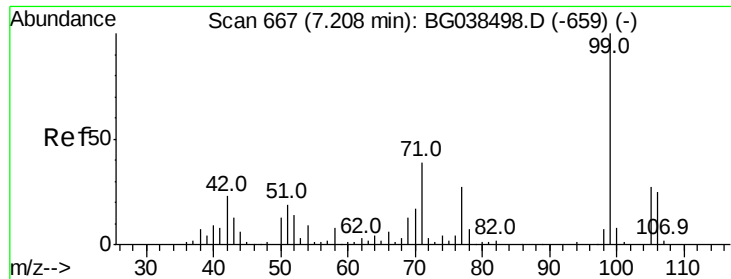


#5

2-Fluorophenol
 Concen: 96.027 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038608.D
 Acq: 15 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.4	80.2
63	39.2	29.3	43.9





#7

Phenol-d6

Concen: 93.366 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038608.D

Acq: 15 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115660BL

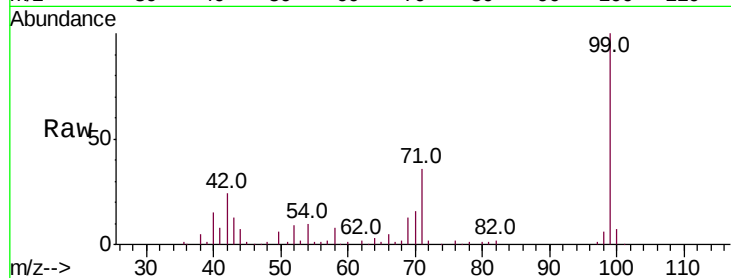
Tot Ion: 99 Resp: 152205

Ion Ratio Lower Upper

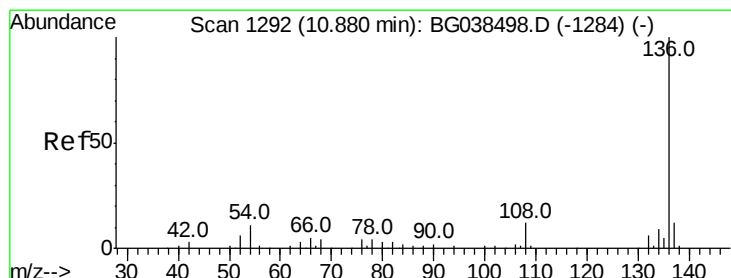
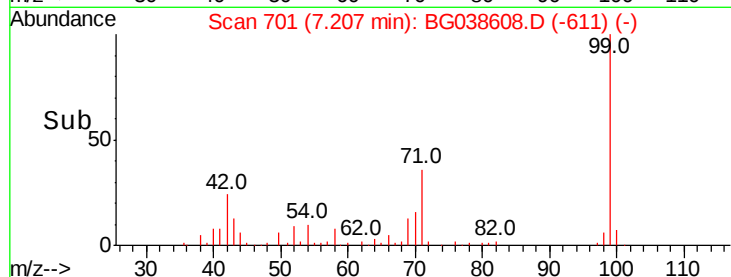
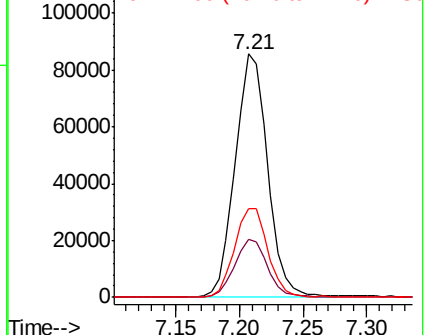
99 100

42 23.7 18.5 27.7

71 36.4 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: BG038608.D

Acq: 15 Dec 2018 17:29

Tgt Ion: 136 Resp: 84988

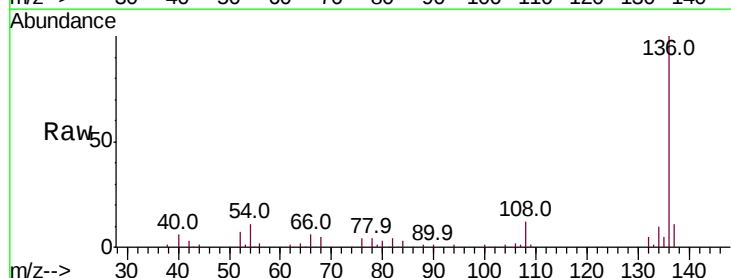
Ion Ratio Lower Upper

136 100

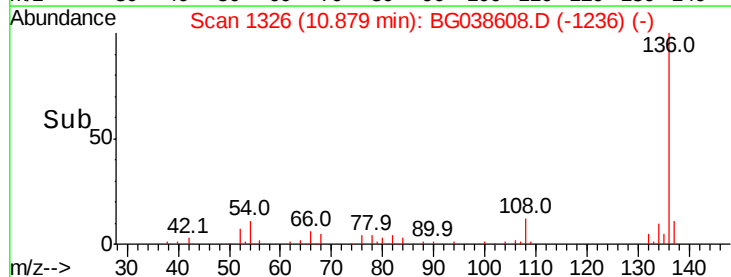
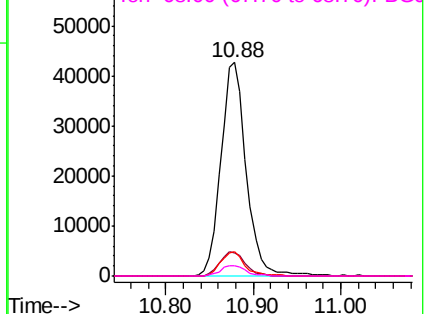
137 11.1 9.3 13.9

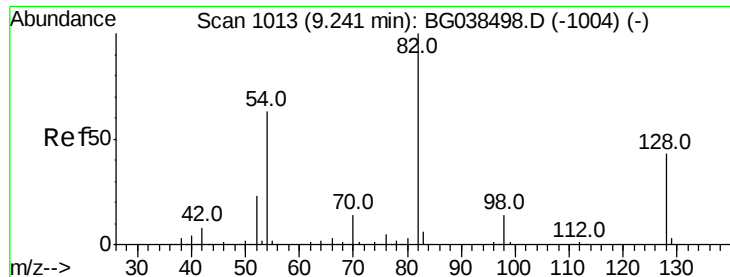
54 11.3 8.5 12.7

68 5.0 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

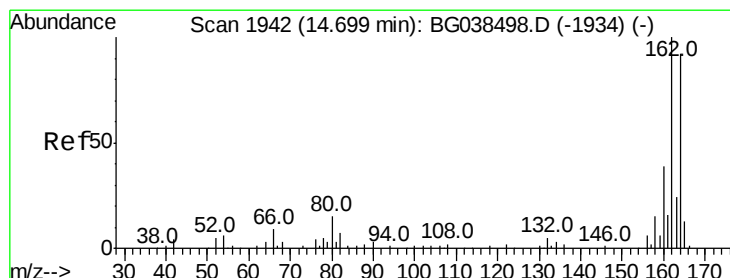
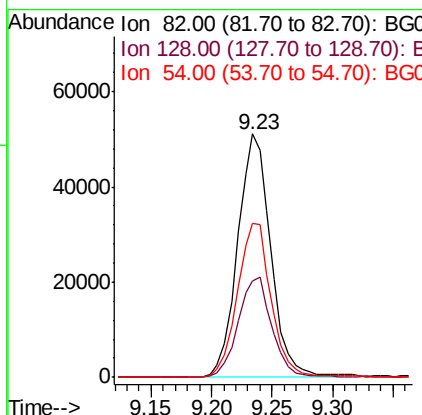
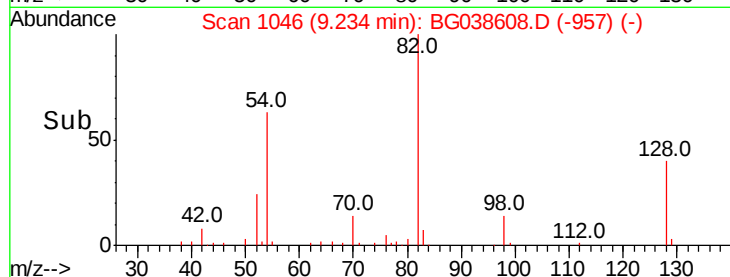
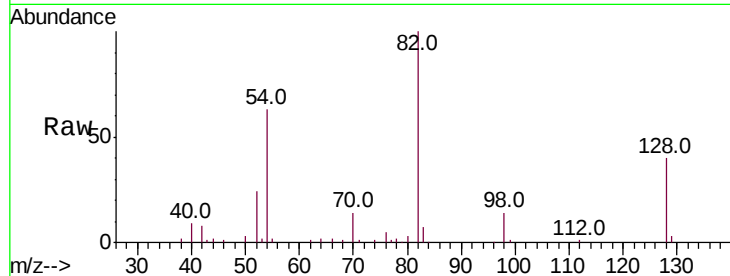




#23
 Nitrobenzene-d5
 Concen: 58.534 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038608.D
 Acq: 15 Dec 2018 17:29

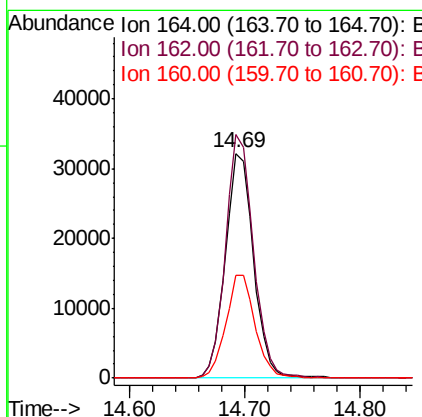
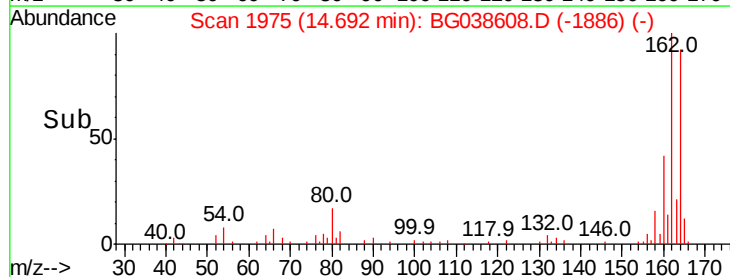
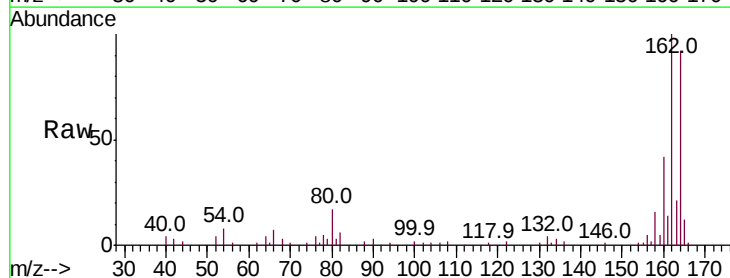
Instrument :
 BNA_G
 ClientSampleId :
 PB115660BL

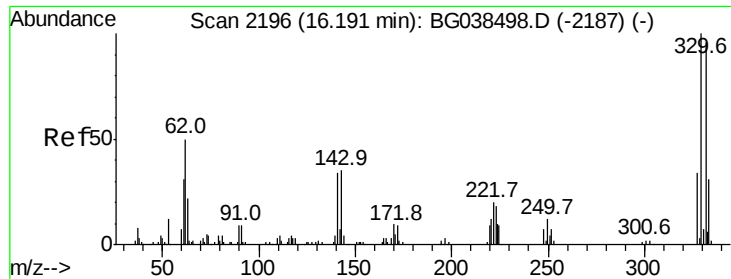
Tot Ion: 82 Resp: 97377
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.6 52.0
 54 63.1 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038608.D
 Acq: 15 Dec 2018 17:29

Tgt Ion: 164 Resp: 54552
 Ion Ratio Lower Upper
 164 100
 162 108.2 86.6 130.0
 160 45.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 84.634 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038608.D

Acq: 15 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115660BL

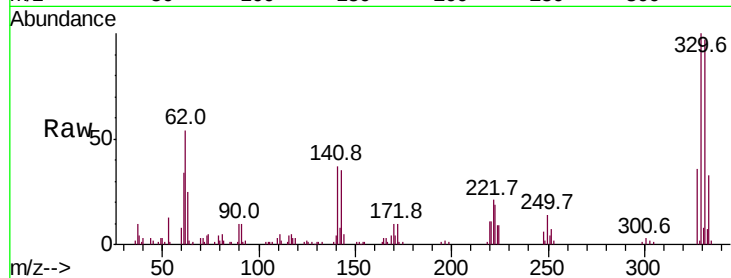
Tot Ion:330 Resp: 63630

Ion Ratio Lower Upper

330 100

332 93.4 76.9 115.3

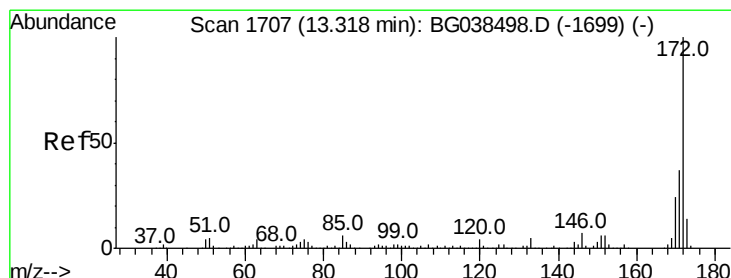
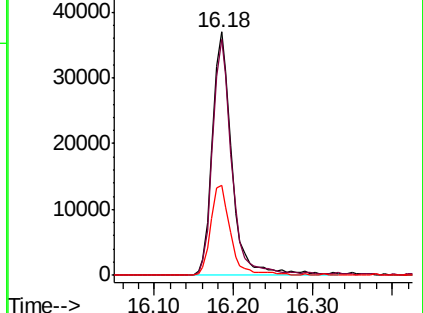
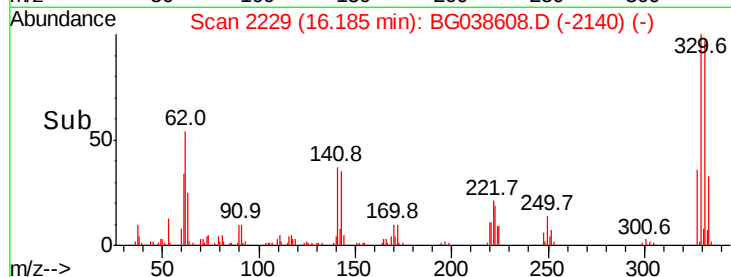
141 36.1 28.8 43.2



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: 59.399 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038608.D

Acq: 15 Dec 2018 17:29

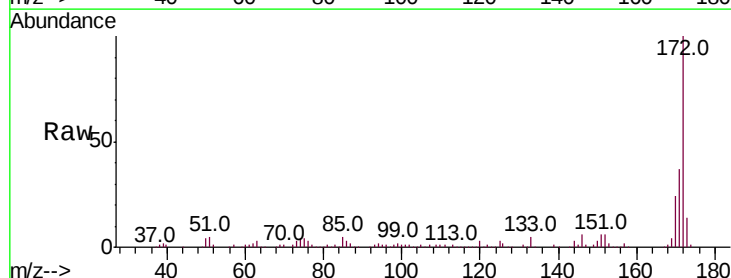
Tgt Ion:172 Resp: 236202

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.6

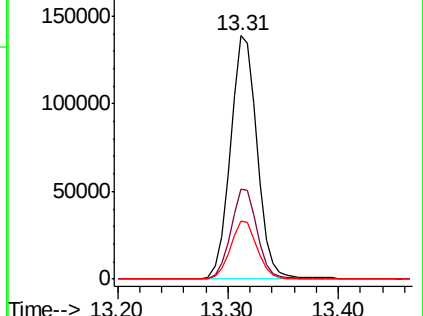
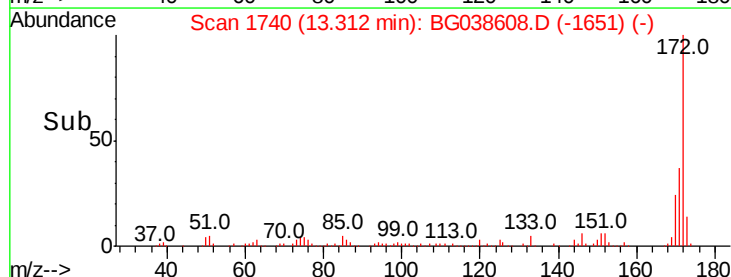
170 24.0 19.5 29.3

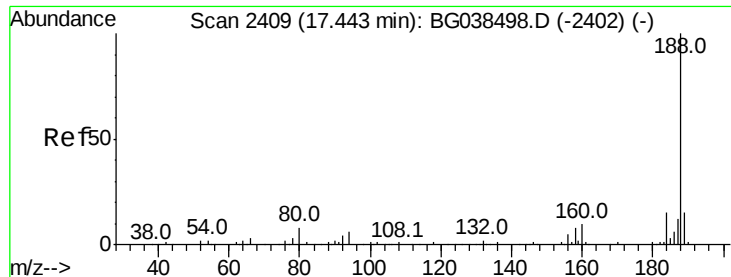


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

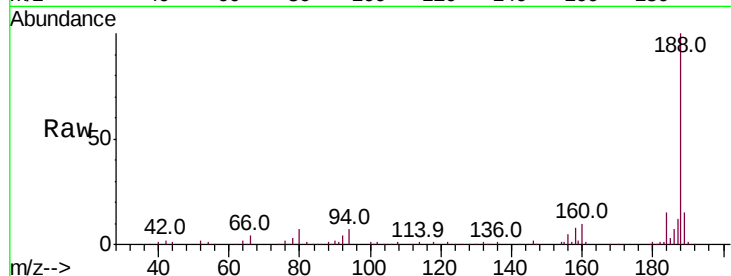




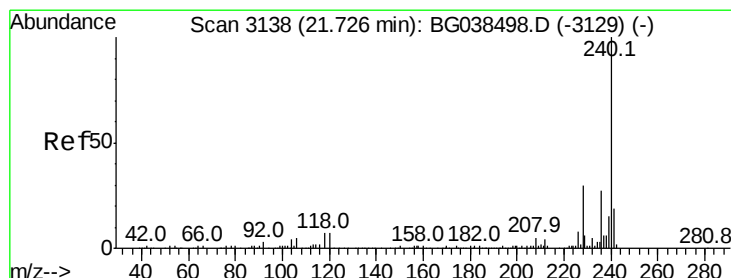
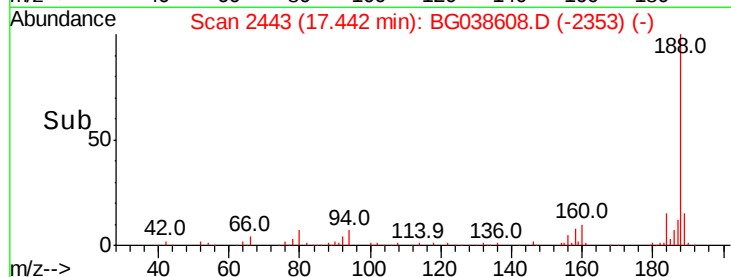
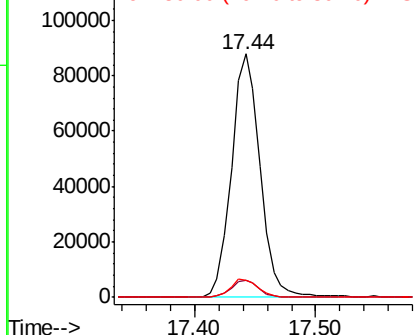
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038608.D
Acq: 15 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115660BL

Tot Ion:188 Resp: 144801
Ion Ratio Lower Upper
188 100
94 7.0 5.1 7.7
80 6.9 6.1 9.1

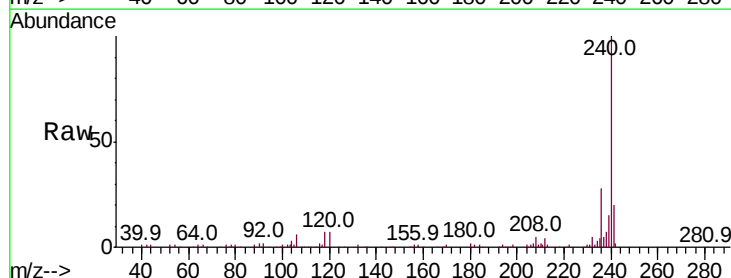


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

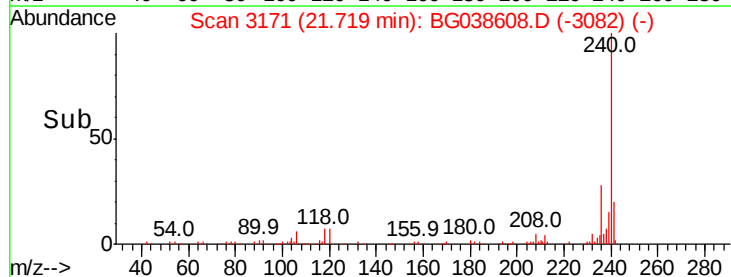
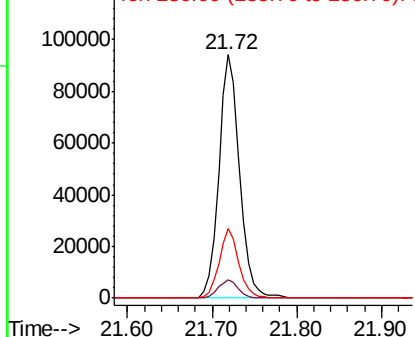


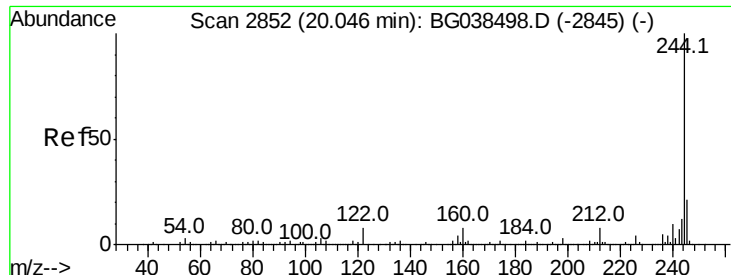
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038608.D
Acq: 15 Dec 2018 17:29

Tgt Ion:240 Resp: 159946
Ion Ratio Lower Upper
240 100
120 7.4 5.3 7.9
236 28.4 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: 66.226 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038608.D

Acq: 15 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115660BL

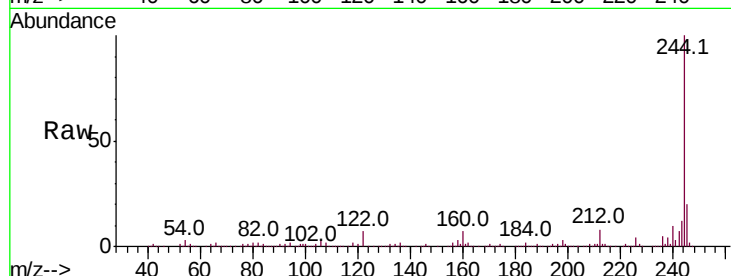
Tot Ion:244 Resp: 486719

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

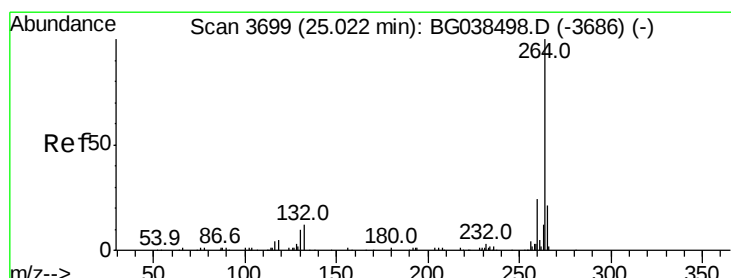
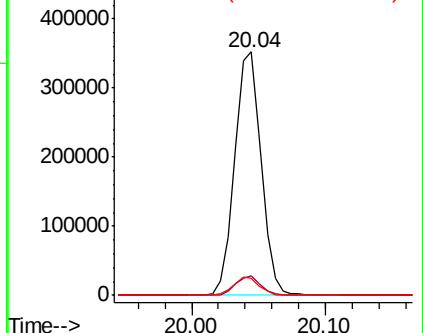
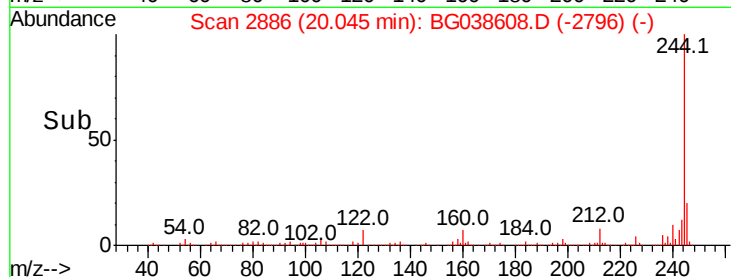
122 7.2 6.3 9.5



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: BG038608.D

Acq: 15 Dec 2018 17:29

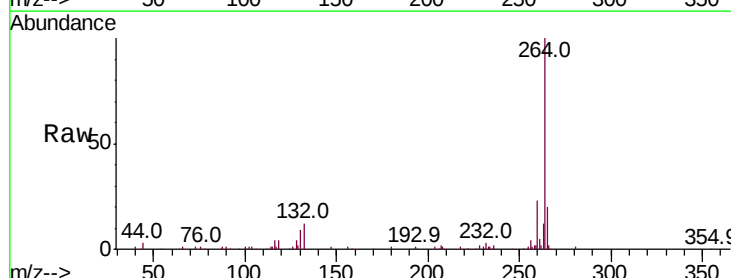
Tgt Ion:264 Resp: 168400

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 20.0 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

