

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038836.D
 Acq On : 26 Dec 2018 18:50
 Operator : JU/SJ
 Sample : PB115917BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115917BL

Quant Time: Dec 27 00:32:48 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	20503	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	84009	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62292	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	177695	20.00	ng	0.00
76) Chrysene-d12	21.72	240	195974	20.00	ng	0.00
87) Perylene-d12	25.02	264	205541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	173558	150.14	ng	0.00
7) Phenol-d6	7.22	99	244349	153.98	ng	0.01
23) Nitrobenzene-d5	9.23	82	140608	85.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	161359	187.96	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	420944	92.70	ng	0.00
79) Terphenyl-d14	20.04	244	948276	105.31	ng	0.00

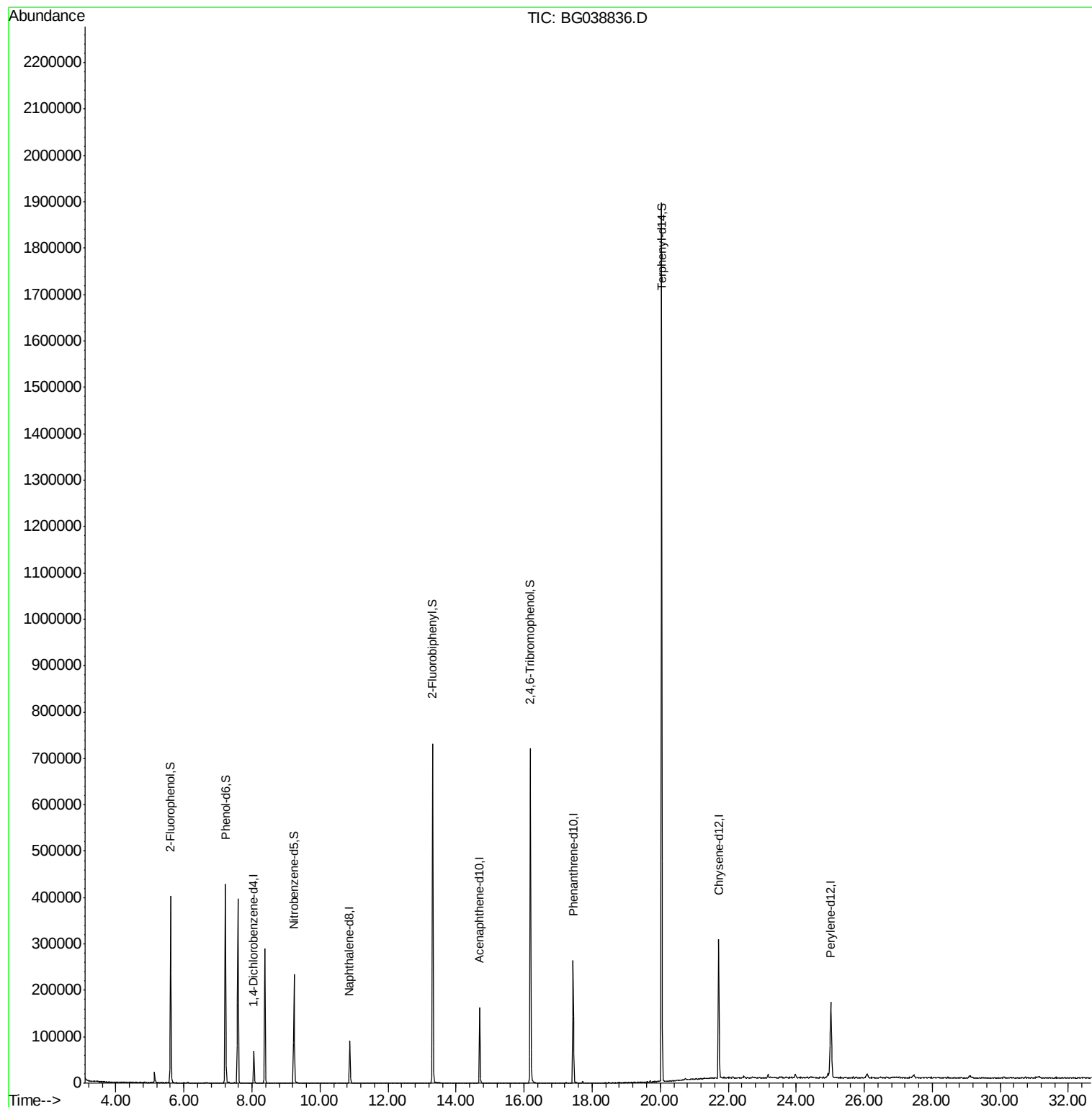
Target Compounds Qvalue

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

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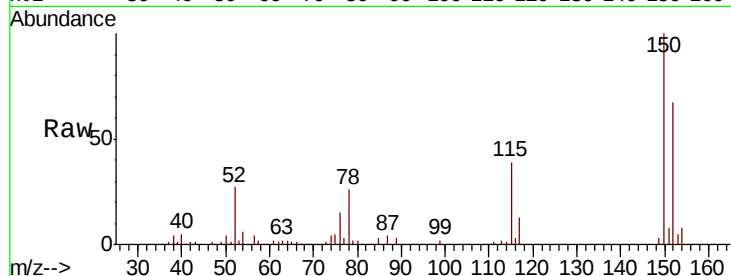


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038836.D
Acq: 26 Dec 2018 18:50

Instrument :
BNA_G
ClientSampleId :
PB115917BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	57.8	49.6	74.4

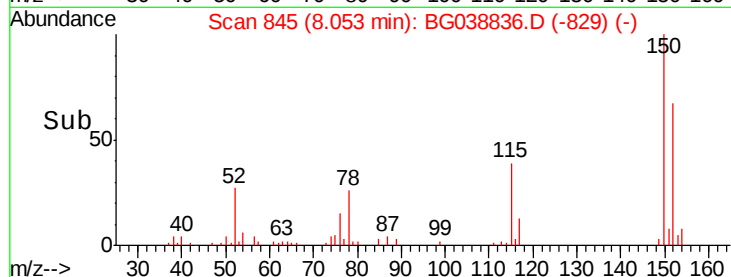
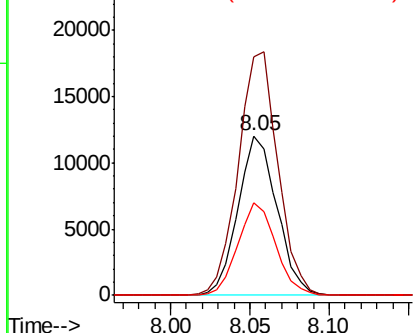


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

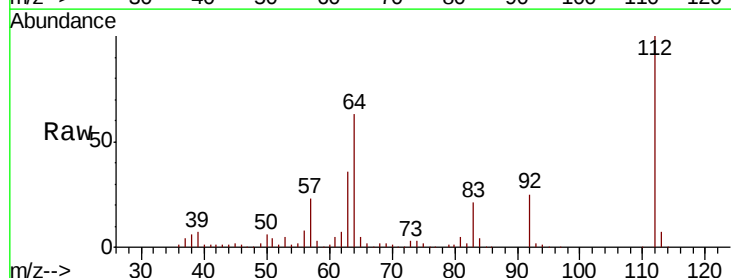
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.140 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038836.D
Acq: 26 Dec 2018 18:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.4	80.2
63	36.2	29.3	43.9

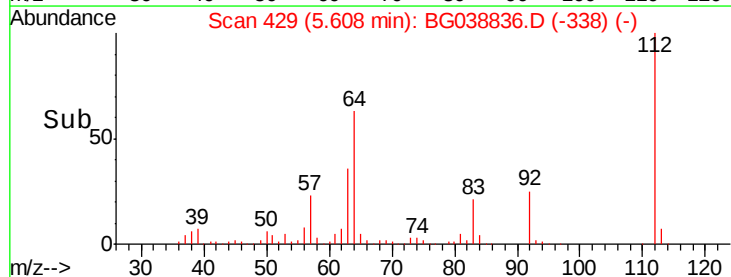
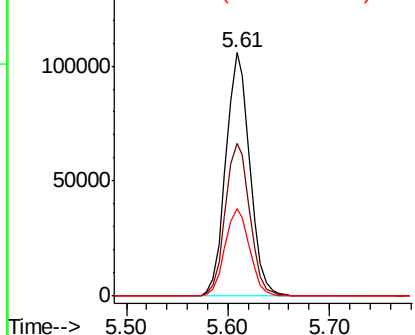


Abundance

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: 153.976 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038836.D

Acq: 26 Dec 2018 18:50

Instrument :

BNA_G

ClientSampleId :

PB115917BL

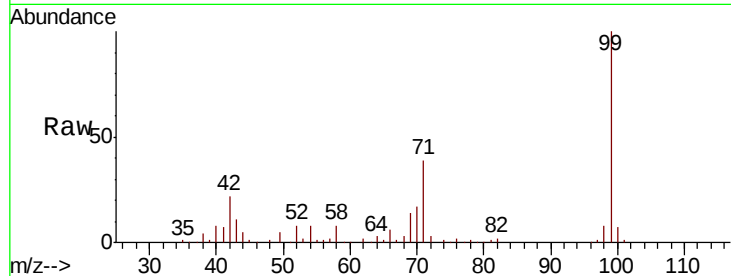
Tot Ion: 99 Resp: 244349

Ion Ratio Lower Upper

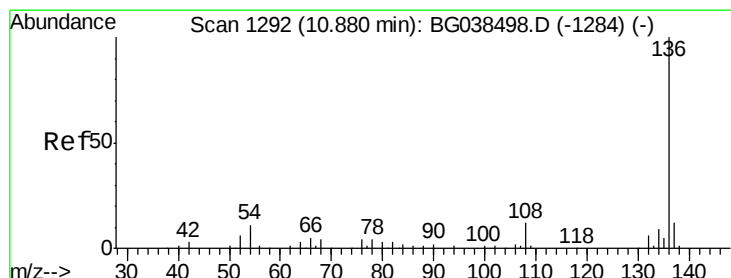
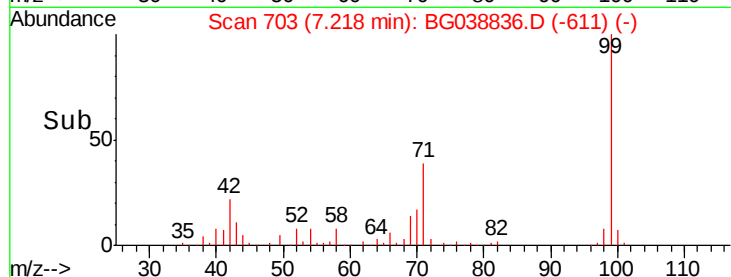
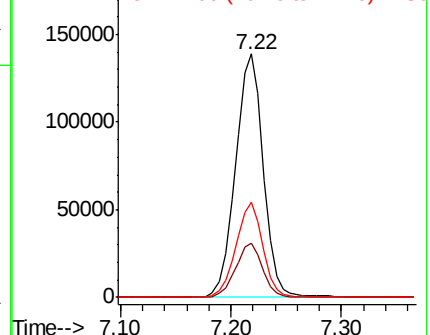
99 100

42 22.3 18.5 27.7

71 38.9 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: BG038836.D

Acq: 26 Dec 2018 18:50

Tgt Ion: 136 Resp: 84009

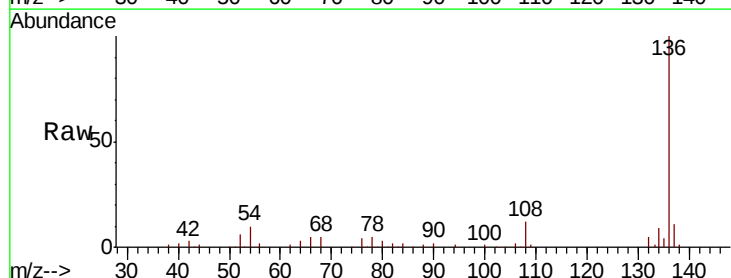
Ion Ratio Lower Upper

136 100

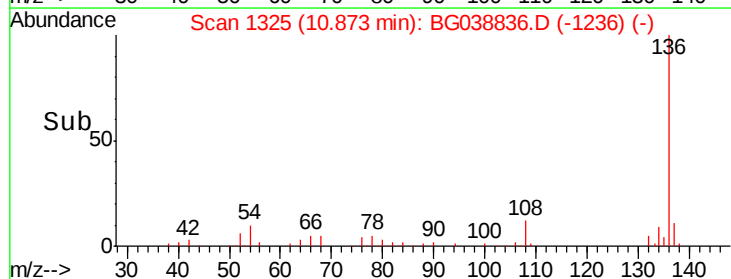
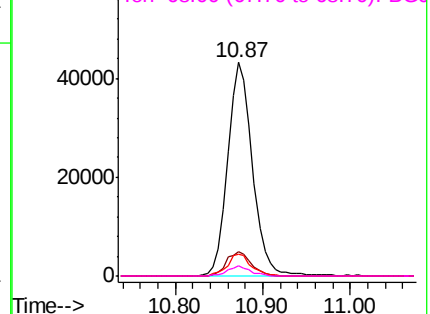
137 11.2 9.3 13.9

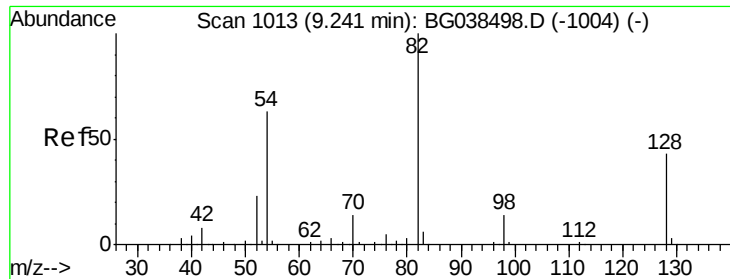
54 10.4 8.5 12.7

68 5.1 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

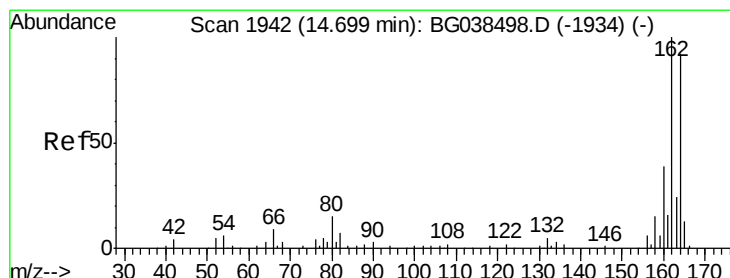
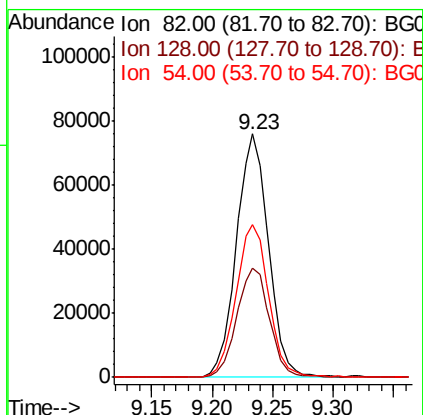
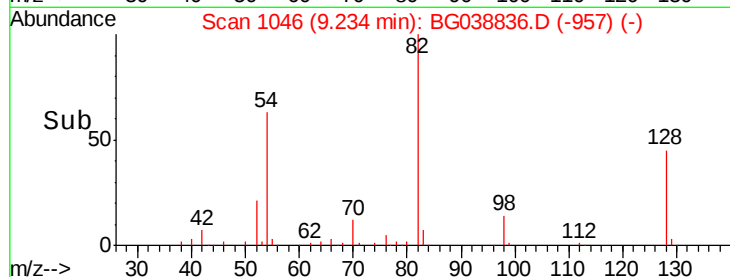
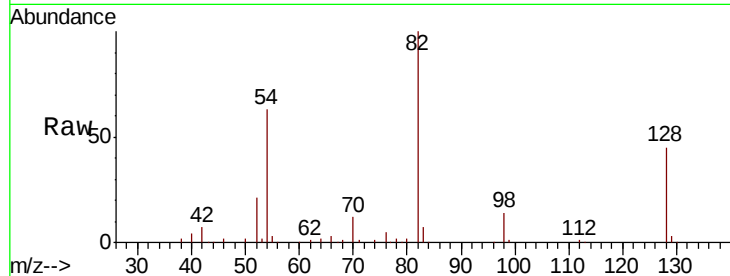




#23
 Nitrobenzene-d5
 Concen: 85.506 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038836.D
 Acq: 26 Dec 2018 18:50

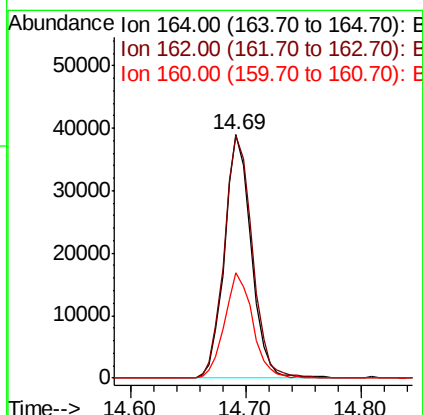
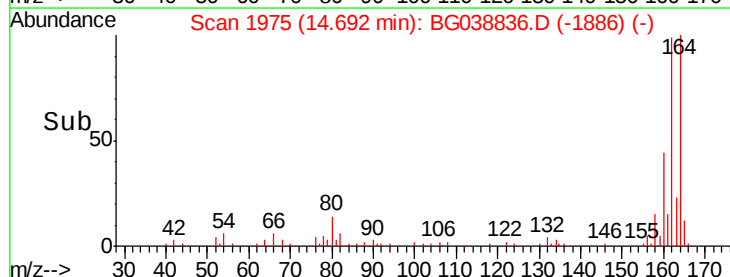
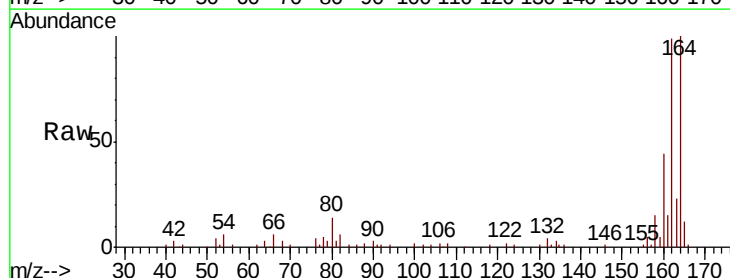
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BL

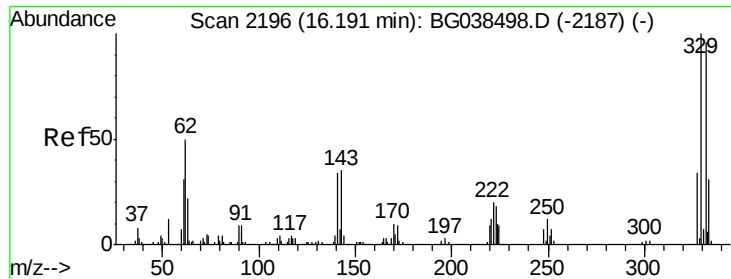
Tot Ion: 82 Resp: 140608
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 62.6 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038836.D
 Acq: 26 Dec 2018 18:50

Tgt Ion: 164 Resp: 62292
 Ion Ratio Lower Upper
 164 100
 162 99.3 86.6 130.0
 160 43.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 187.955 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038836.D

Acq: 26 Dec 2018 18:50

Instrument :

BNA_G

ClientSampleId :

PB115917BL

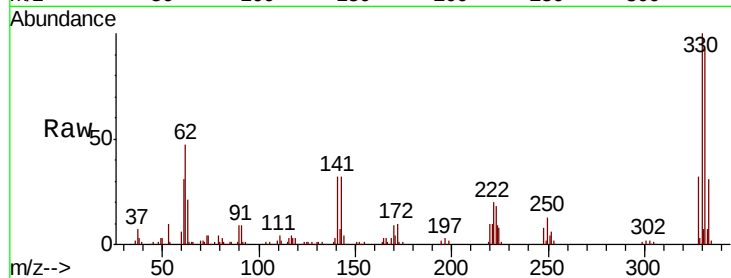
Tot Ion:330 Resp: 161359

Ion Ratio Lower Upper

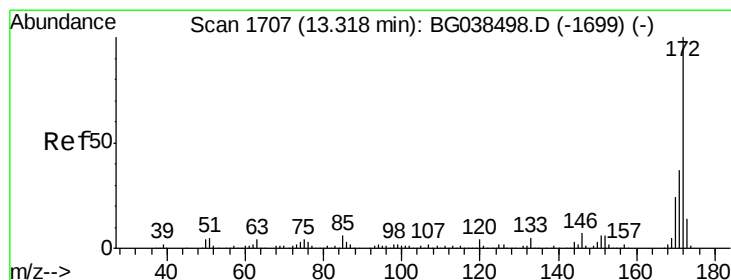
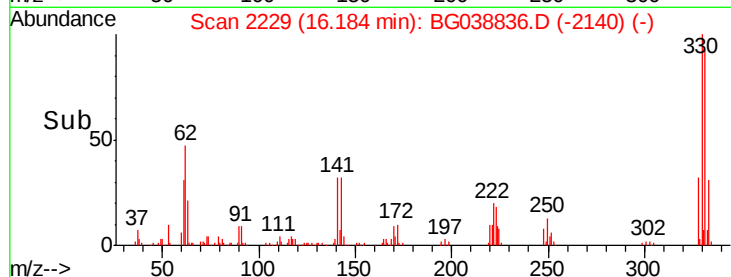
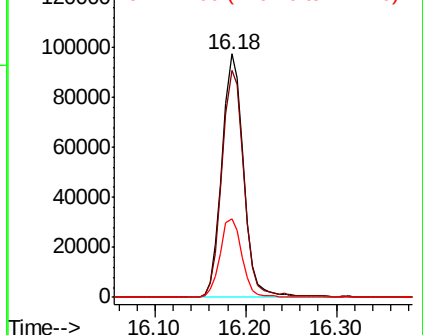
330 100

332 95.2 76.9 115.3

141 32.6 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: 92.704 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038836.D

Acq: 26 Dec 2018 18:50

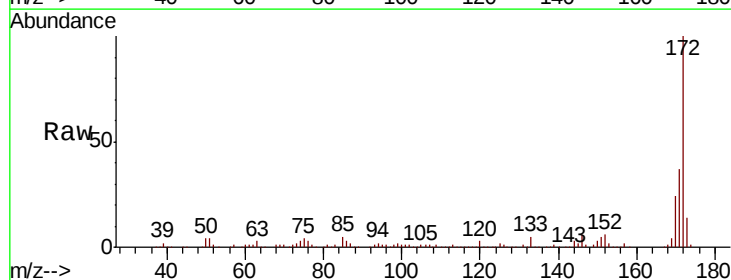
Tgt Ion:172 Resp: 420944

Ion Ratio Lower Upper

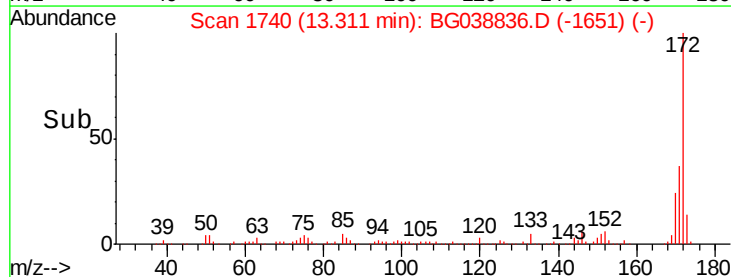
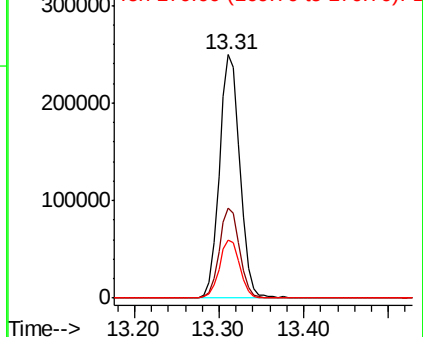
172 100

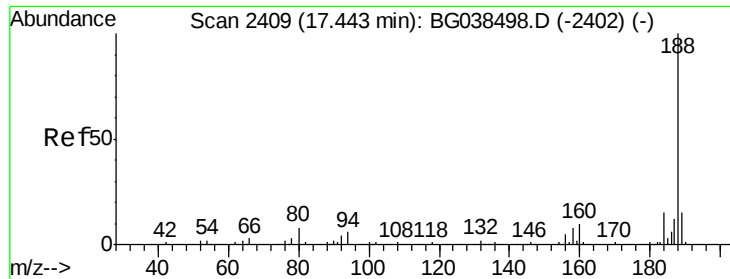
171 37.0 29.8 44.6

170 24.1 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

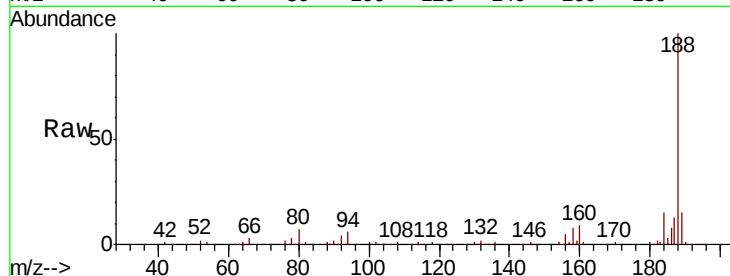




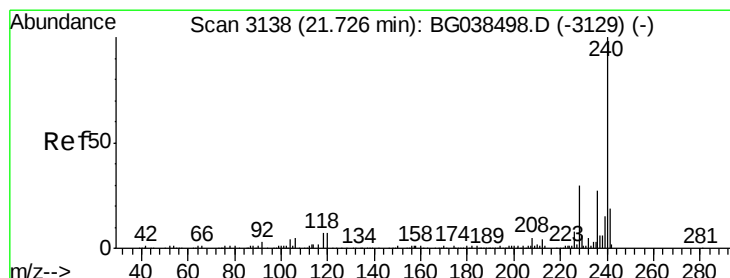
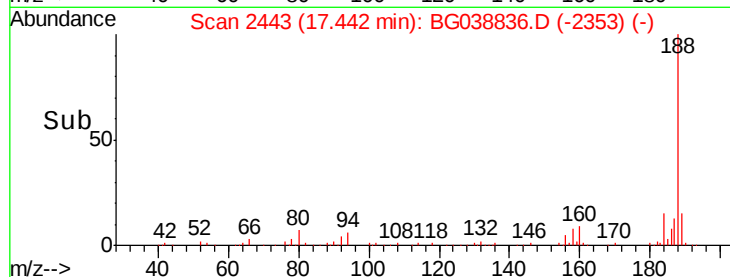
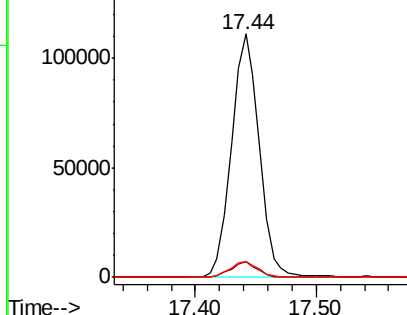
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038836.D
Acq: 26 Dec 2018 18:50

Instrument :
BNA_G
ClientSampleId :
PB115917BL

Tot Ion:188 Resp: 177695
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.5 6.1 9.1

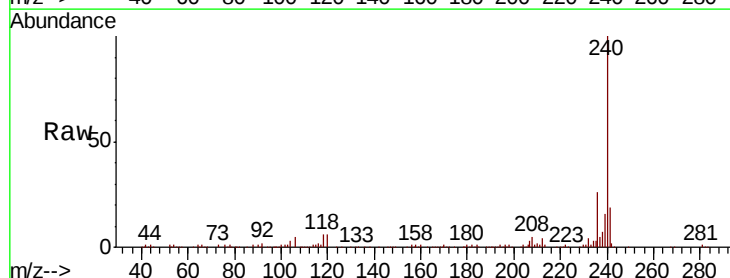


Abundance Ion 188.00 (187.70 to 188.70): E
150000 Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

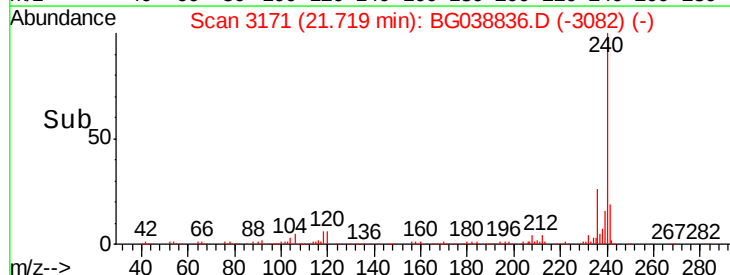
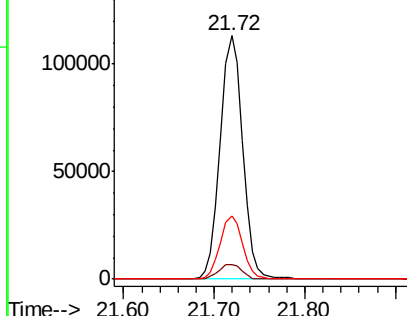


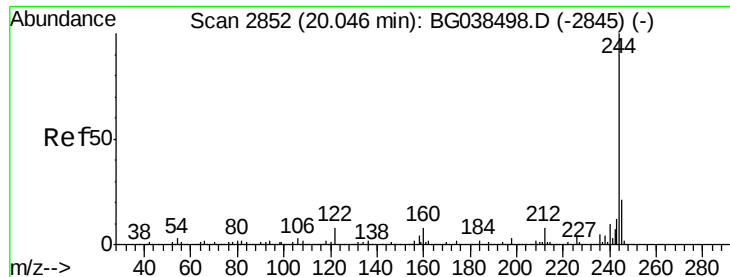
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038836.D
Acq: 26 Dec 2018 18:50

Tgt Ion:240 Resp: 195974
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.7 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.308 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038836.D

Acq: 26 Dec 2018 18:50

Instrument :

BNA_G

ClientSampleId :

PB115917BL

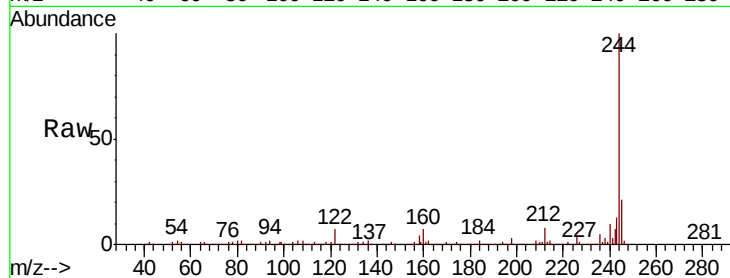
Tot Ion:244 Resp: 948276

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

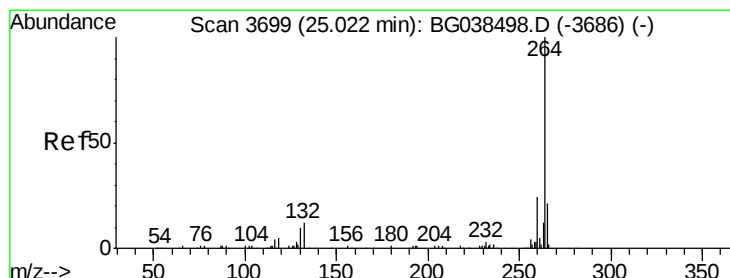
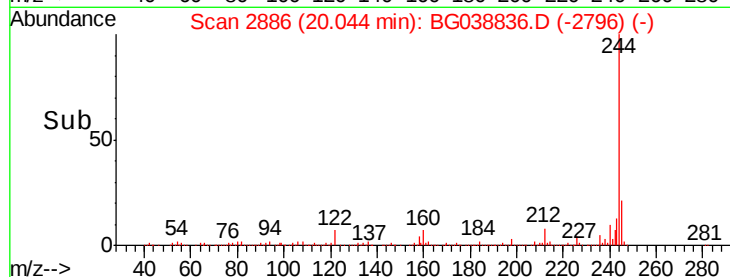
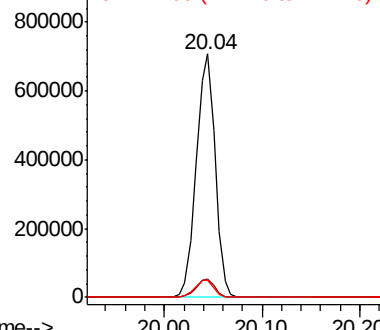
122 6.9 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038836.D

Acq: 26 Dec 2018 18:50

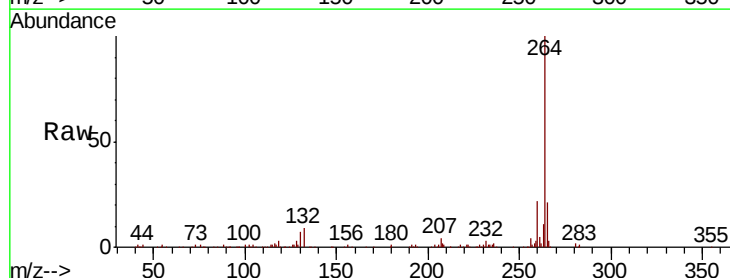
Tgt Ion:264 Resp: 205541

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 21.3 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

