

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038731.D
 Acq On : 19 Dec 2018 17:45
 Operator : JU/SJ
 Sample : PB115831BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BL

Quant Time: Dec 20 00:21:34 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	26398	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	107262	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	73951	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	194940	20.00	ng	0.00
76) Chrysene-d12	21.72	240	211954	20.00	ng	0.00
87) Perylene-d12	25.02	264	221763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	150968	101.43	ng	0.00
7) Phenol-d6	7.21	99	208853	102.22	ng	0.00
23) Nitrobenzene-d5	9.23	82	125853	59.94	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	103256	101.31	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	340607	63.19	ng	0.00
79) Terphenyl-d14	20.04	244	691489	71.00	ng	0.00

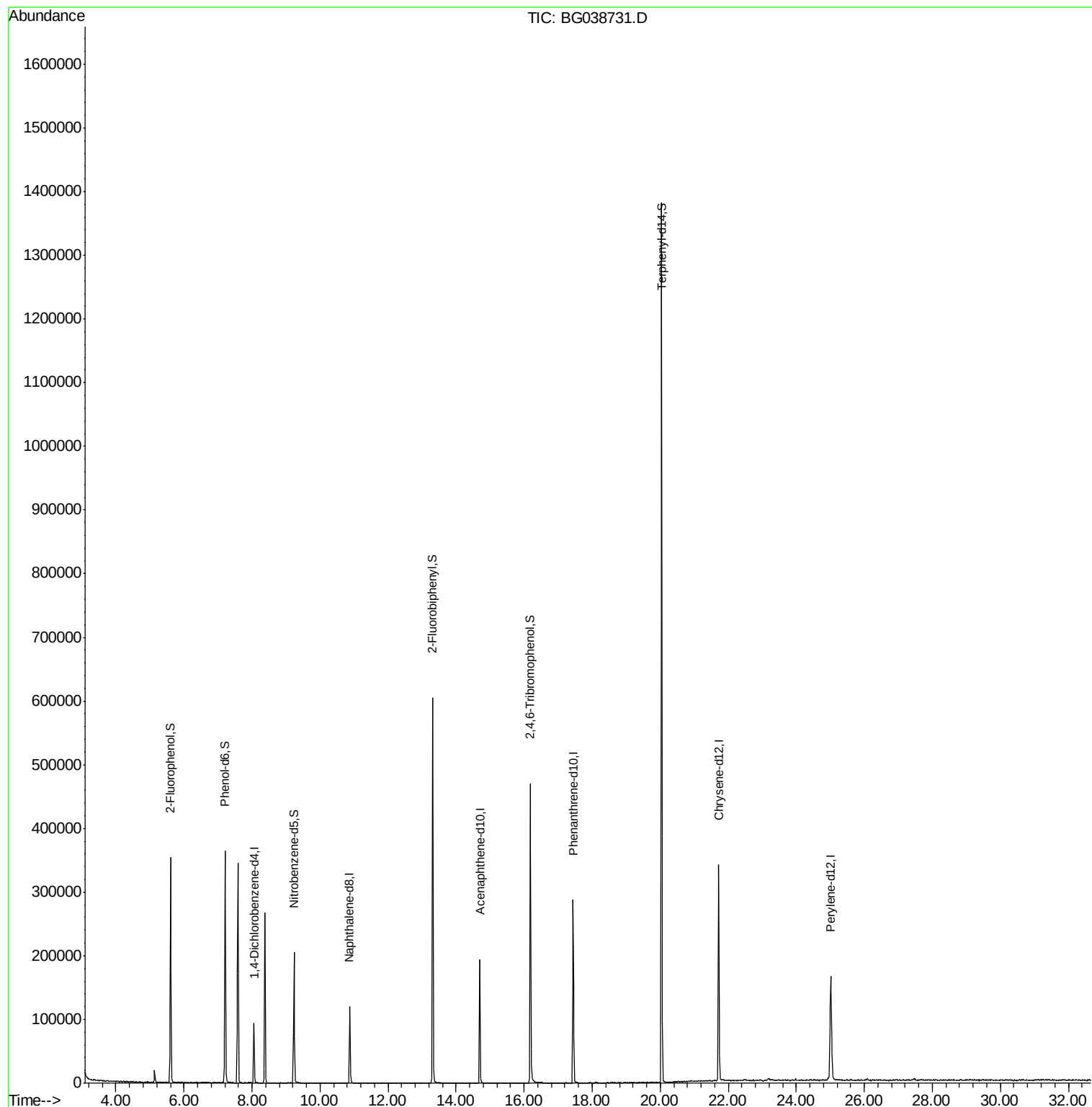
Target Compounds Qvalue

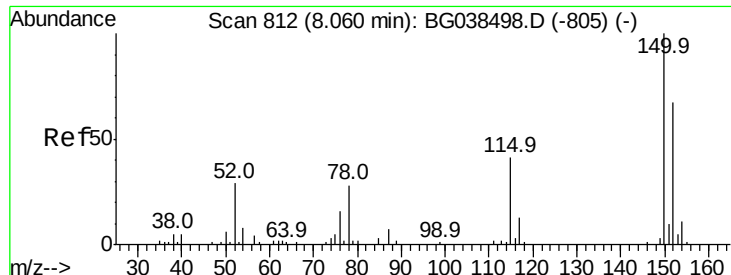
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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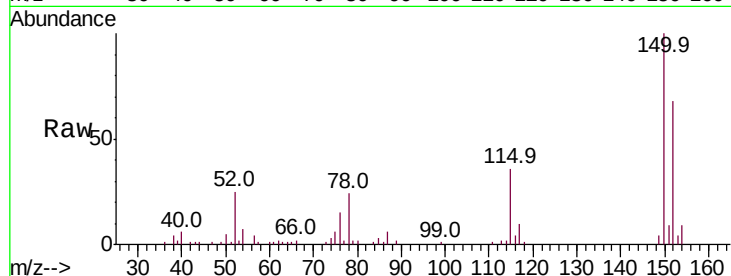


#1

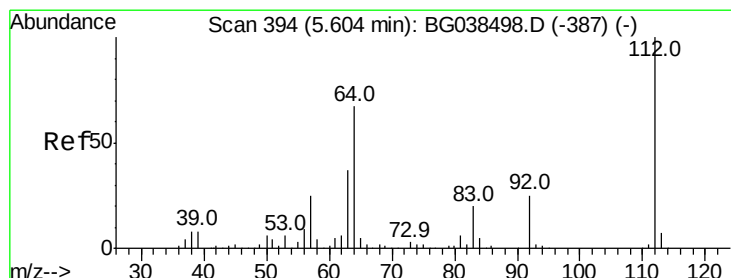
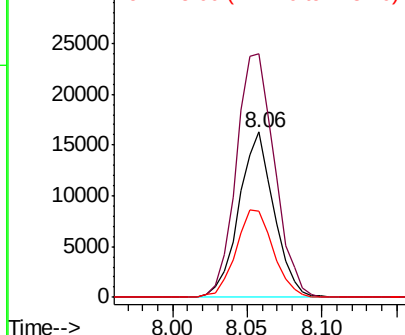
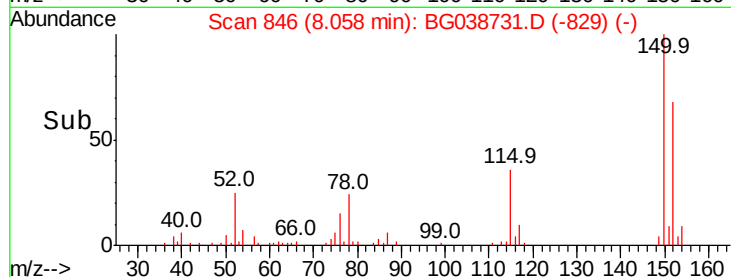
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038731.D
Acq: 19 Dec 2018 17:45

Instrument :
BNA_G
ClientSampleId :
PB115831BL

Tot Ion:152 Resp: 26398
Ion Ratio Lower Upper
152 100
150 147.2 119.5 179.3
115 52.3 49.6 74.4



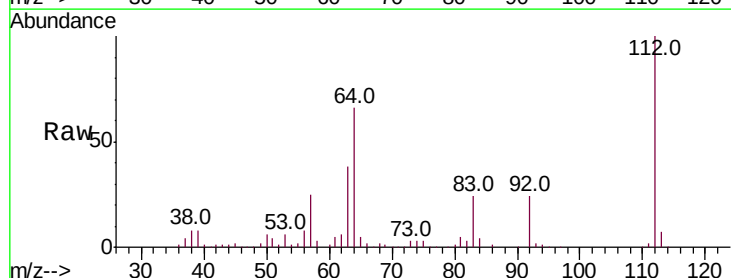
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



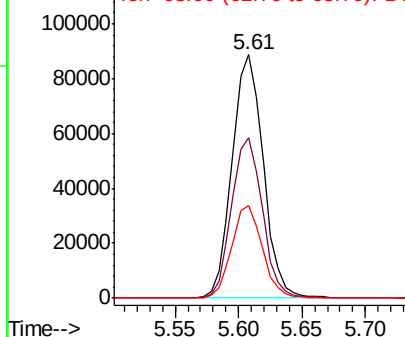
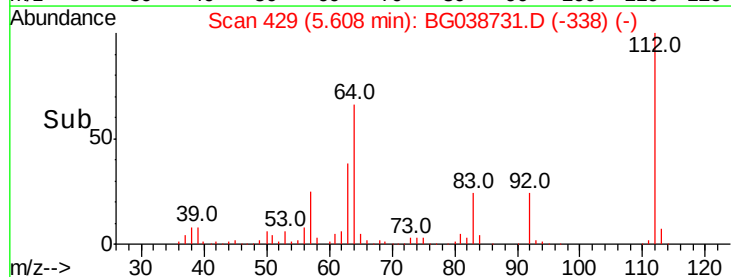
#5

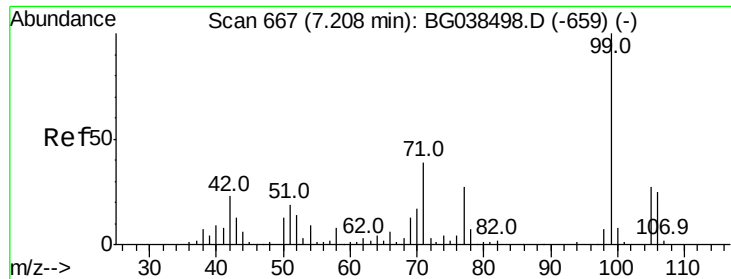
2-Fluorophenol
Concen: 101.434 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038731.D
Acq: 19 Dec 2018 17:45

Tgt Ion:112 Resp: 150968
Ion Ratio Lower Upper
112 100
64 66.0 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: 102.218 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038731.D

Acq: 19 Dec 2018 17:45

Instrument :

BNA_G

ClientSampleId :

PB115831BL

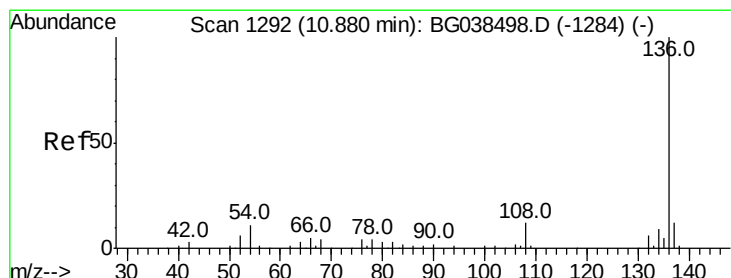
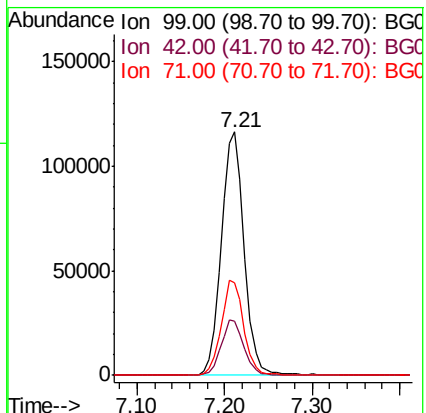
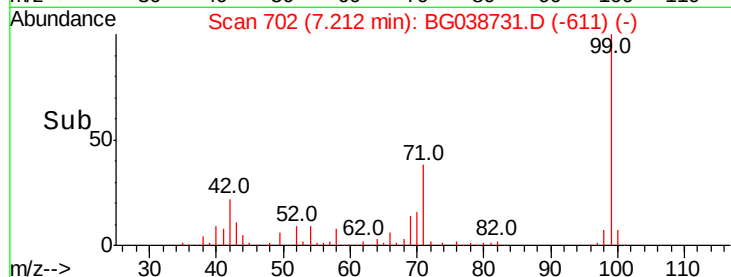
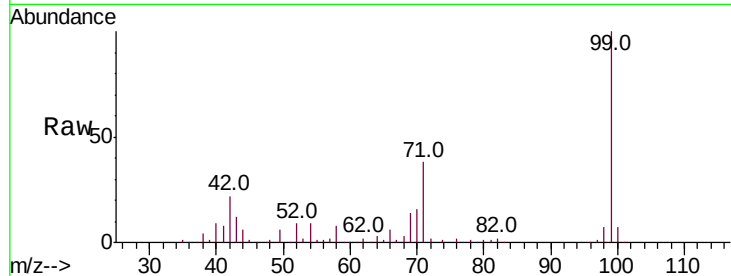
Tot Ion: 99 Resp: 208853

Ion Ratio Lower Upper

99 100

42 22.1 18.5 27.7

71 38.1 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038731.D

Acq: 19 Dec 2018 17:45

Tgt Ion: 136 Resp: 107262

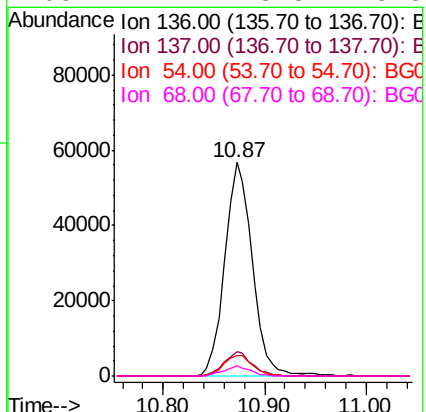
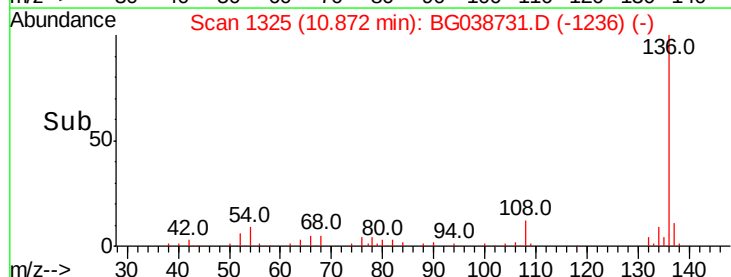
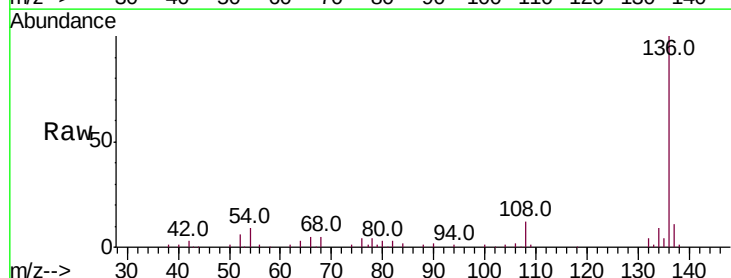
Ion Ratio Lower Upper

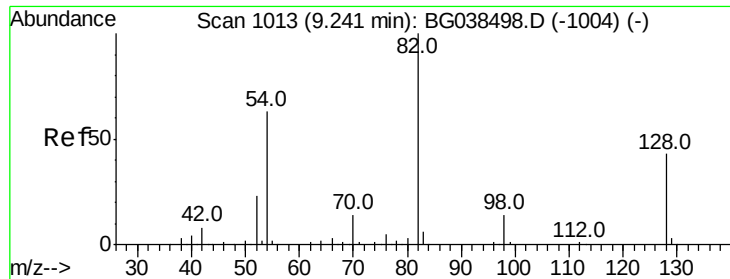
136 100

137 11.5 9.3 13.9

54 9.3 8.5 12.7

68 4.7 3.5 5.3

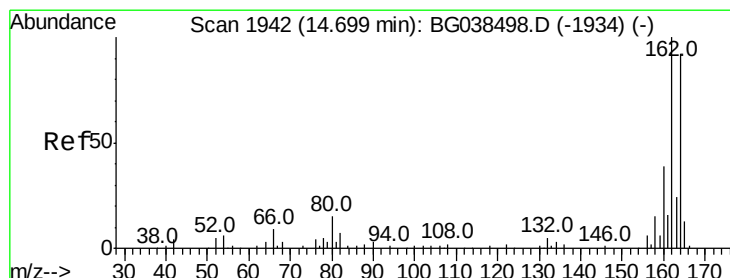
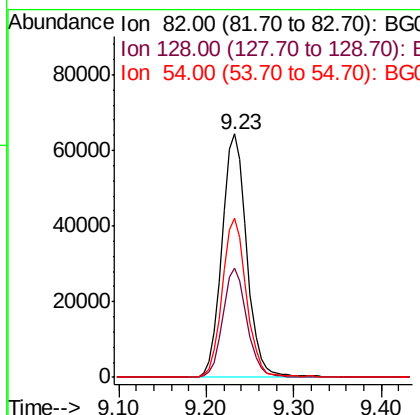
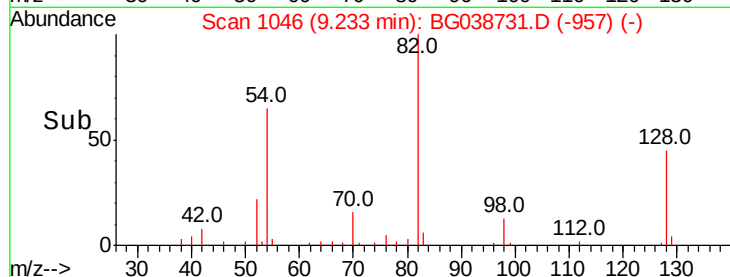
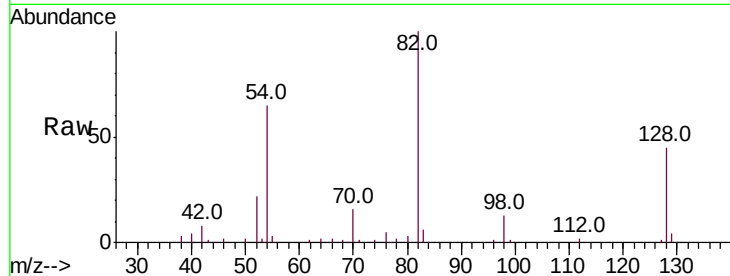




#23
 Nitrobenzene-d5
 Concen: 59.942 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038731.D
 Acq: 19 Dec 2018 17:45

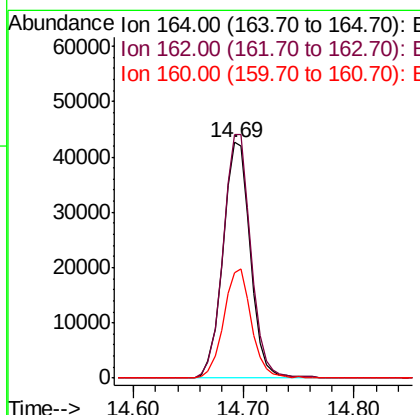
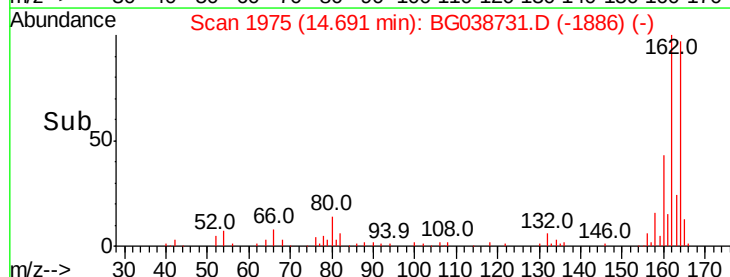
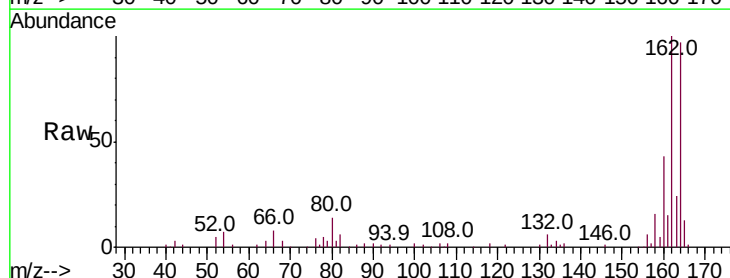
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BL

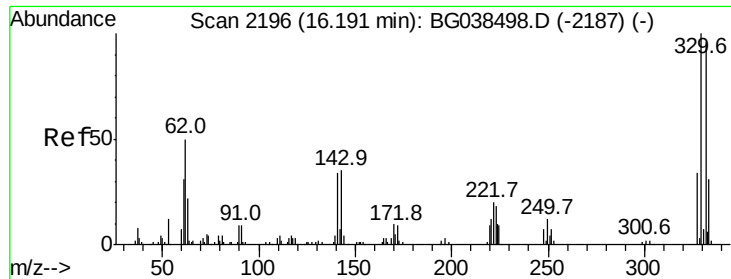
Tot Ion: 82 Resp: 125853
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 65.1 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038731.D
 Acq: 19 Dec 2018 17:45

Tgt Ion: 164 Resp: 73951
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.6 130.0
 160 45.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 101.313 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038731.D

Acq: 19 Dec 2018 17:45

Instrument :

BNA_G

ClientSampleId :

PB115831BL

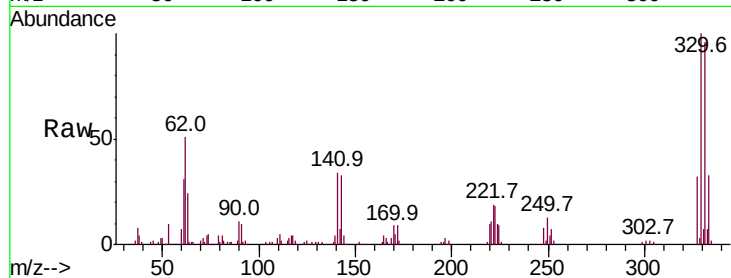
Tot Ion:330 Resp: 103256

Ion Ratio Lower Upper

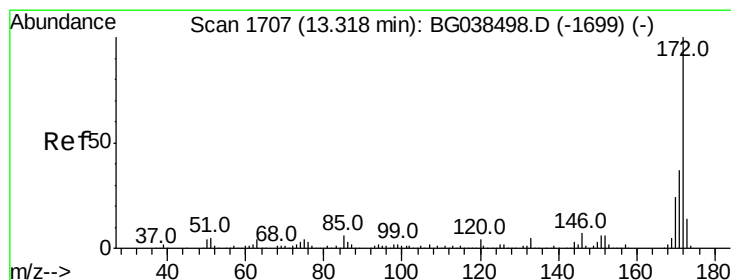
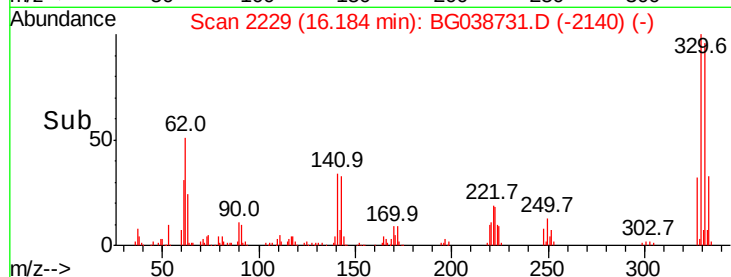
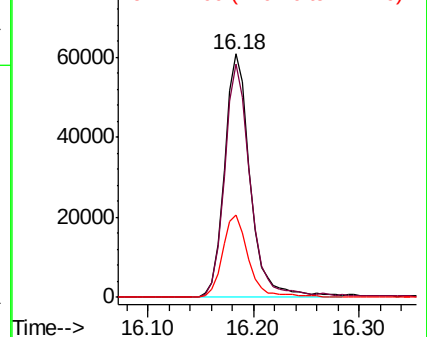
330 100

332 96.3 76.9 115.3

141 34.2 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: 63.185 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038731.D

Acq: 19 Dec 2018 17:45

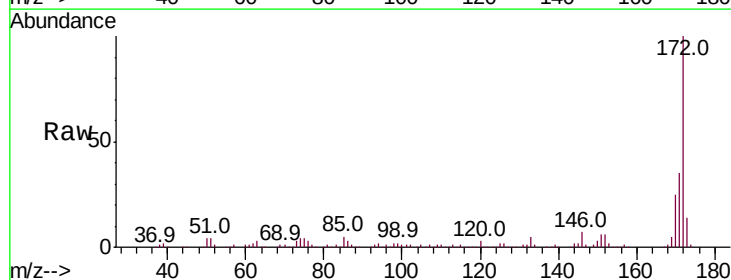
Tgt Ion:172 Resp: 340607

Ion Ratio Lower Upper

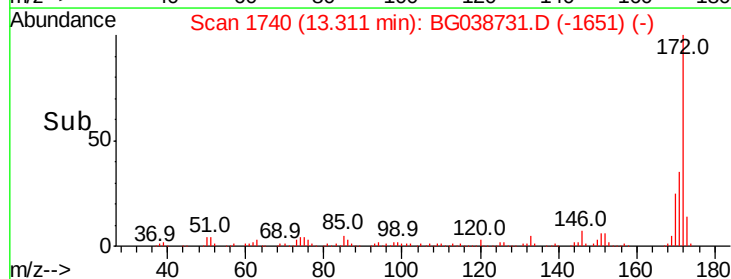
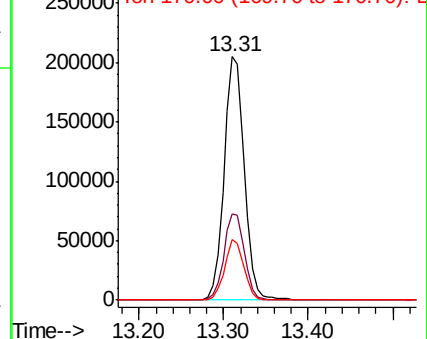
172 100

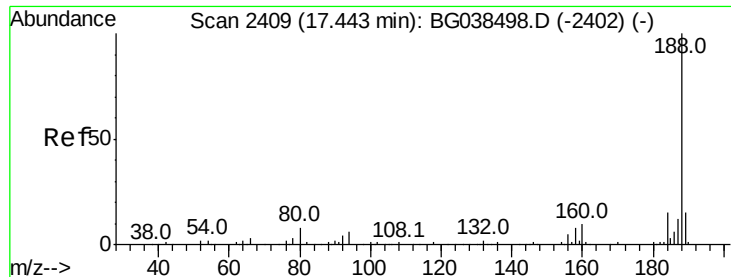
171 35.2 29.8 44.6

170 24.7 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

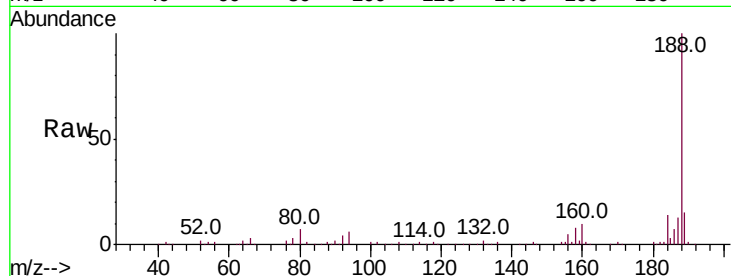




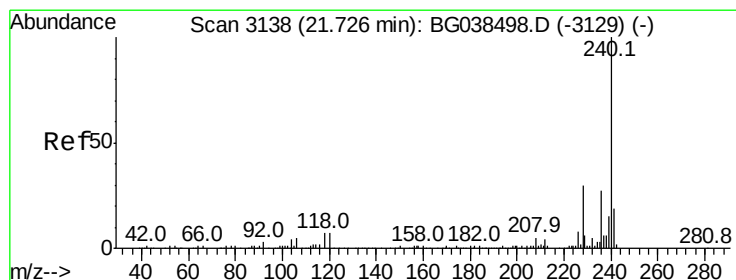
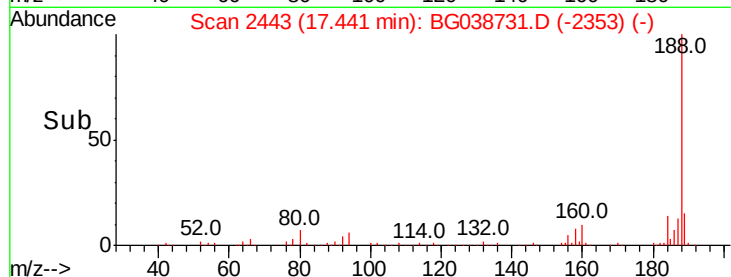
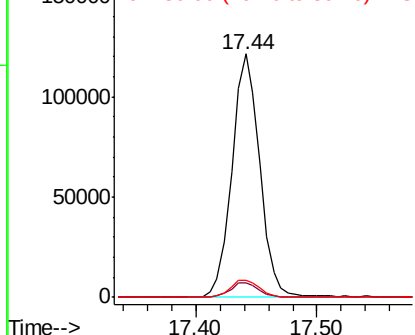
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038731.D
Acq: 19 Dec 2018 17:45

Instrument :
BNA_G
ClientSampleId :
PB115831BL

Tot Ion:188 Resp: 194940
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.1 6.1 9.1

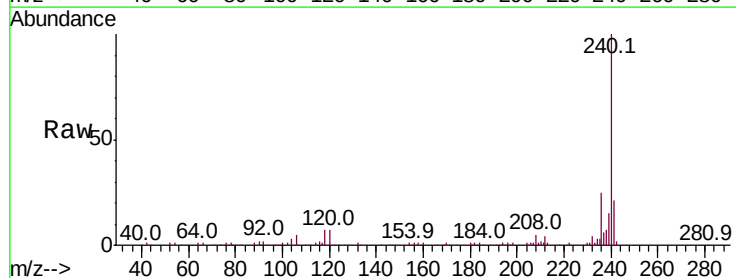


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

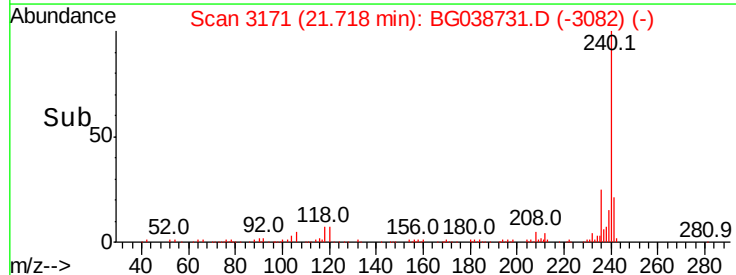
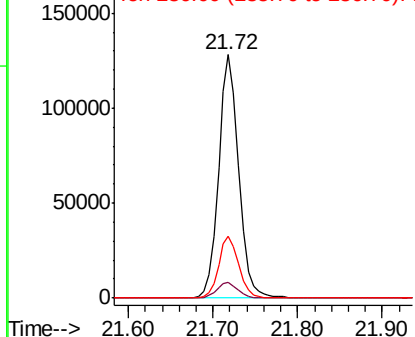


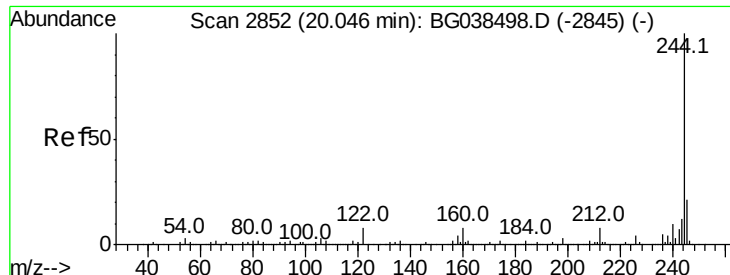
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038731.D
Acq: 19 Dec 2018 17:45

Tgt Ion:240 Resp: 211954
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 25.5 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: 71.002 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038731.D

Acq: 19 Dec 2018 17:45

Instrument :

BNA_G

ClientSampleId :

PB115831BL

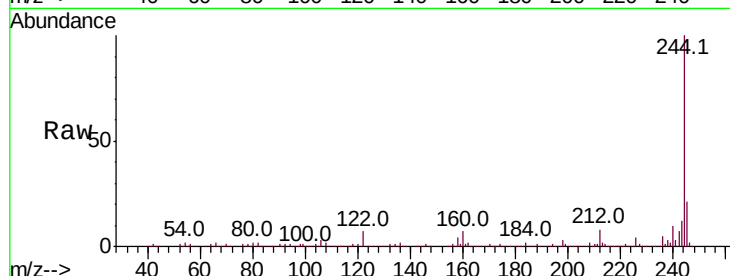
Tot Ion:244 Resp: 691489

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

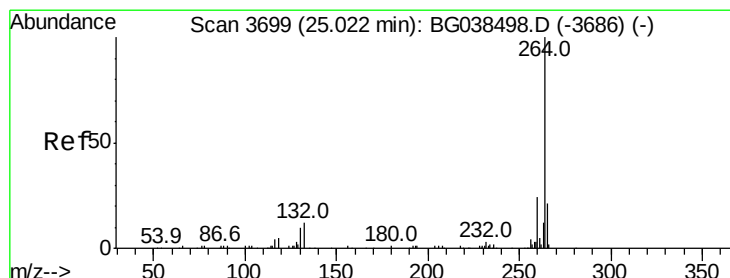
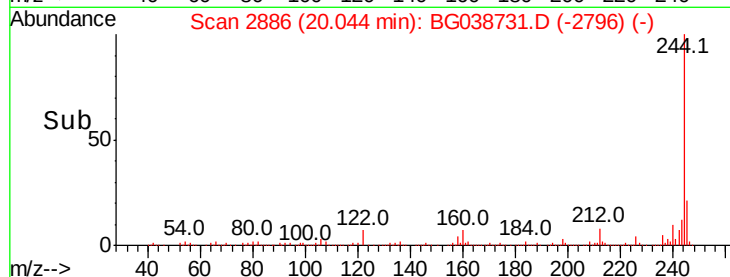
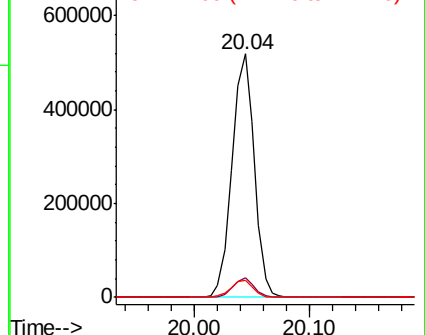
122 7.1 6.3 9.5



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: BG038731.D

Acq: 19 Dec 2018 17:45

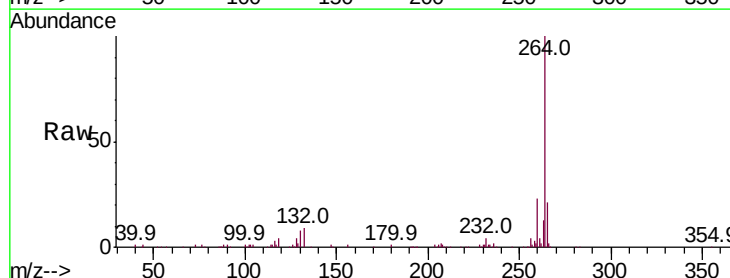
Tgt Ion:264 Resp: 221763

Ion Ratio Lower Upper

264 100

260 22.6 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

