

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038866.D
 Acq On : 28 Dec 2018 7:44
 Operator : JU/SJ
 Sample : J6505-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 14:20:45 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	25462	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	118343	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	90809	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	214656	20.00	ng	0.00
76) Chrysene-d12	21.72	240	218704	20.00	ng	0.00
87) Perylene-d12	25.01	264	233972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	4065	2.83	ng	0.01
7) Phenol-d6	7.22	99	4877	2.47	ng	0.01
23) Nitrobenzene-d5	9.24	82	3421	1.48	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	2816	2.25	ng	0.01
45) 2-Fluorobiphenyl	13.32	172	12856	1.94	ng	0.00
79) Terphenyl-d14	20.04	244	24781	2.47	ng	0.00

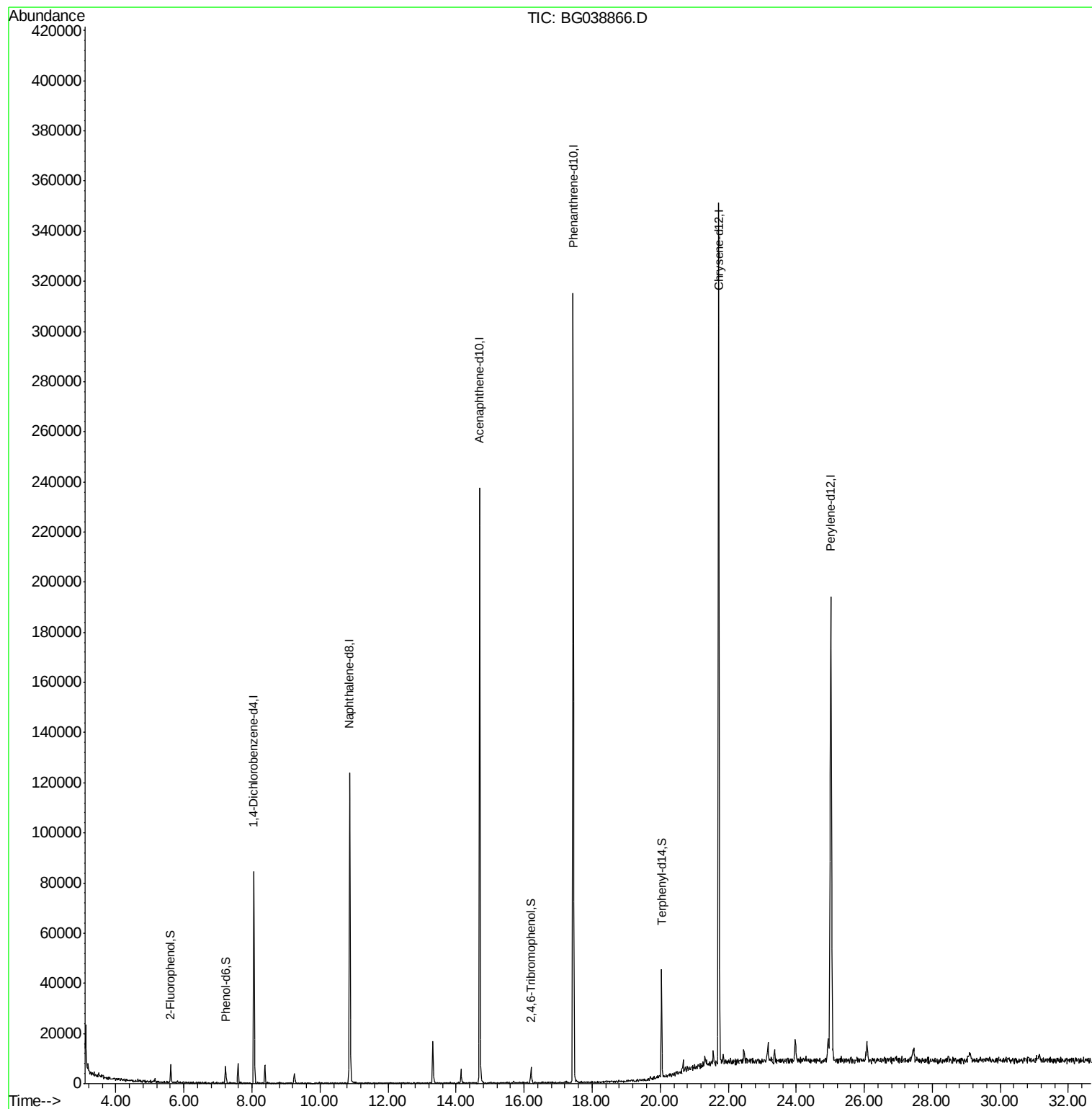
Target Compounds Qvalue

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

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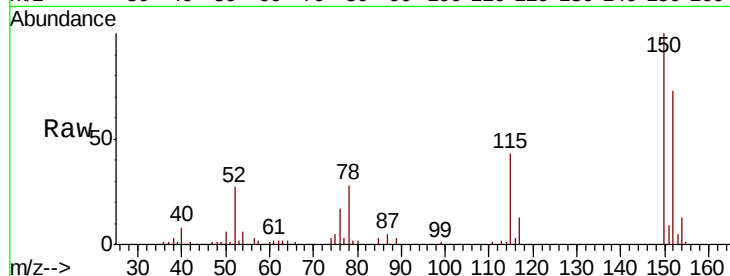


#1

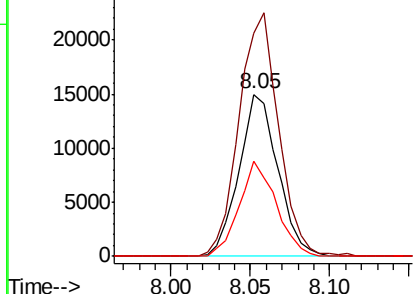
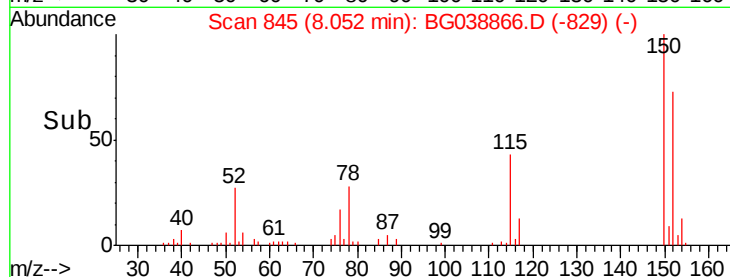
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038866.D
Acq: 28 Dec 2018 7:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 25462
Ion Ratio Lower Upper
152 100
150 137.6 119.5 179.3
115 58.8 49.6 74.4



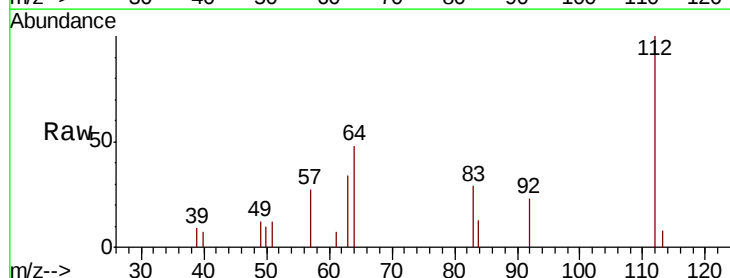
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



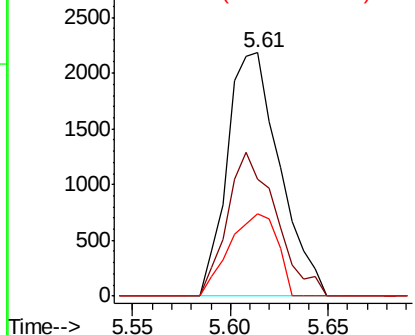
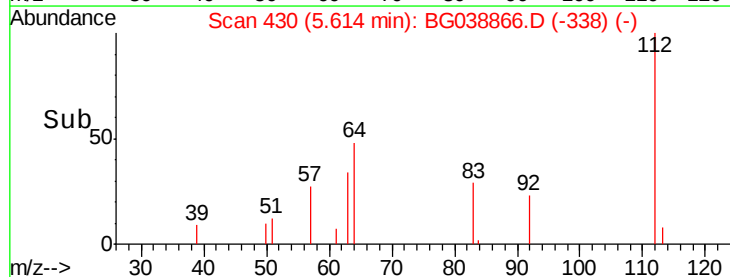
#5

2-Fluorophenol
Concen: 2.832 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038866.D
Acq: 28 Dec 2018 7:44

Tgt Ion:112 Resp: 4065
Ion Ratio Lower Upper
112 100
64 48.1 53.4 80.2#
63 34.1 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: 2.475 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038866.D

Acq: 28 Dec 2018 7:44

Instrument :

BNA_F

ClientSampleId :

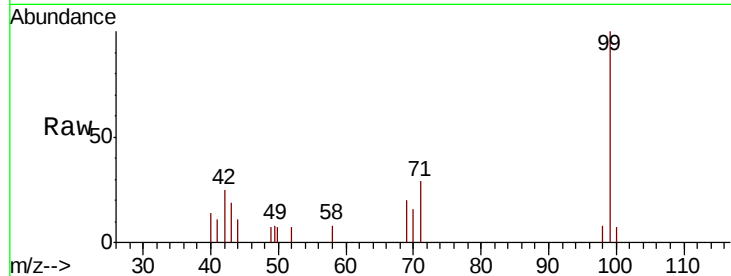
Tot Ion: 99 Resp: 4877

Ion Ratio Lower Upper

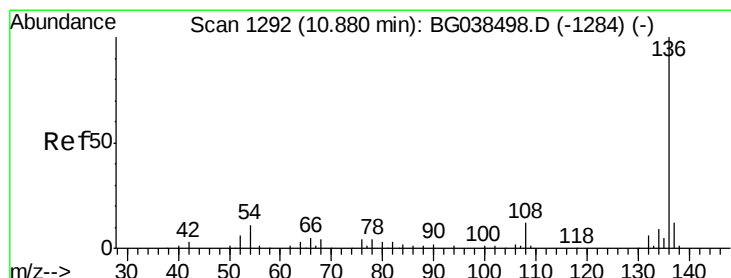
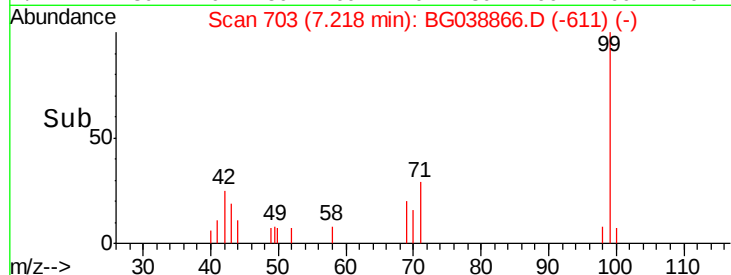
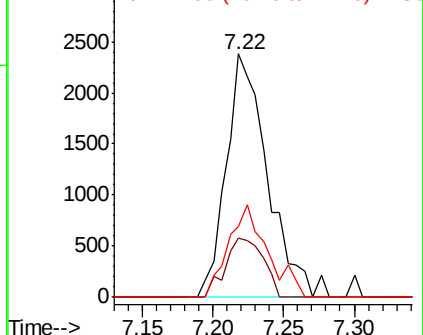
99 100

42 24.6 18.5 27.7

71 29.0 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: BG038866.D

Acq: 28 Dec 2018 7:44

Tgt Ion: 136 Resp: 118343

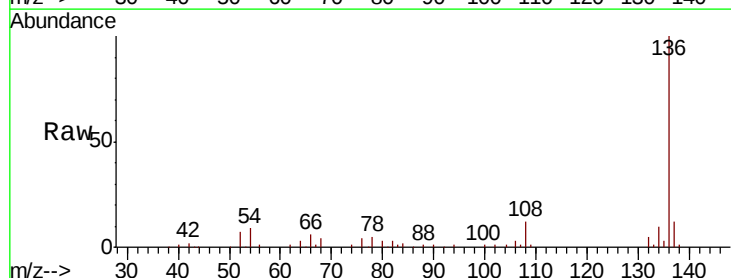
Ion Ratio Lower Upper

136 100

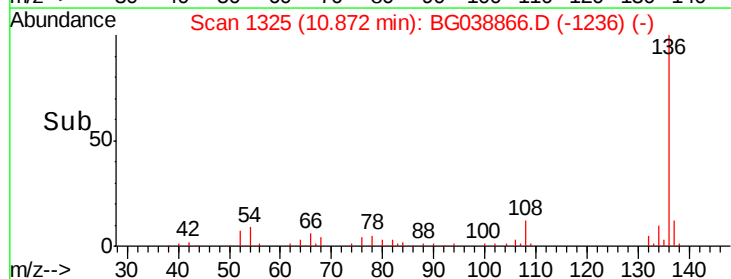
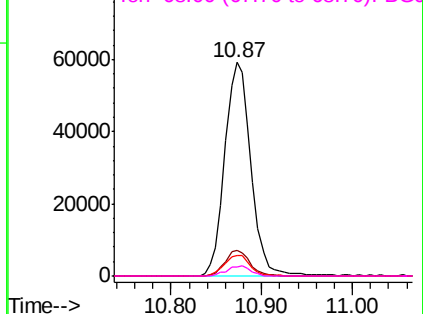
137 11.9 9.3 13.9

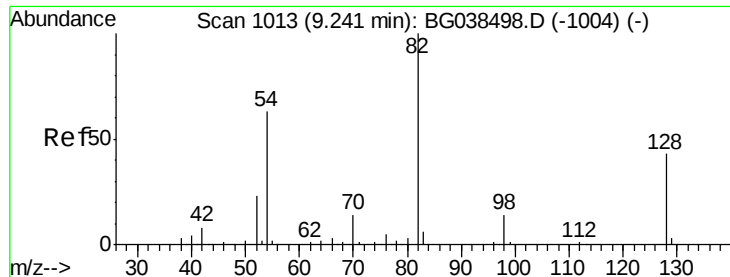
54 9.5 8.5 12.7

68 4.2 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: 1.477 ng

RT: 9.24 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BG038866.D

Acq: 28 Dec 2018 7:44

Instrument :

BNA_F

ClientSampleId :

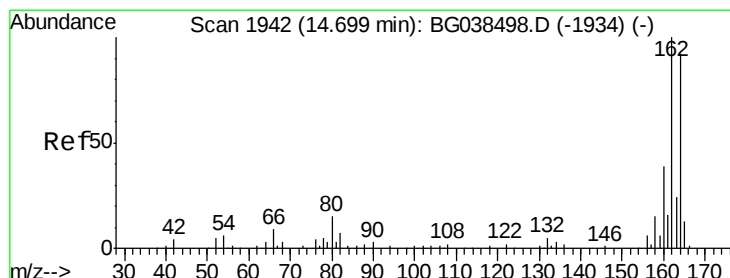
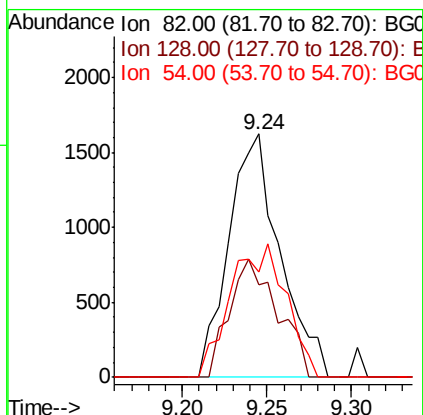
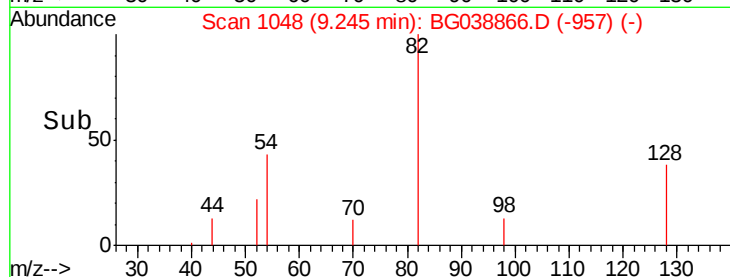
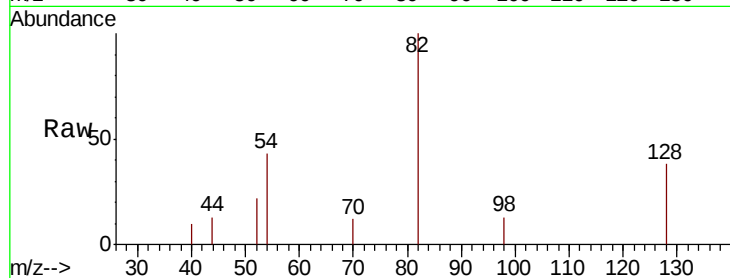
Tot Ion: 82 Resp: 3421

Ion Ratio Lower Upper

82 100

128 38.0 34.6 52.0

54 43.3 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: BG038866.D

Acq: 28 Dec 2018 7:44

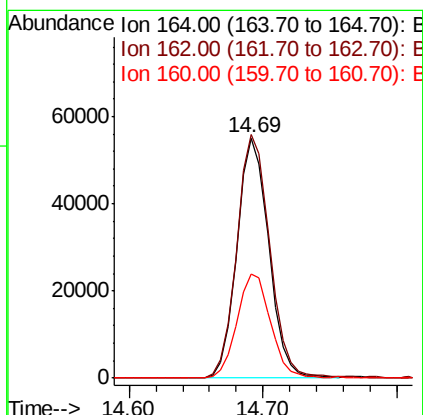
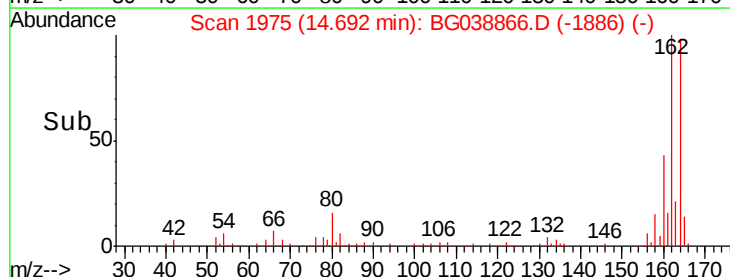
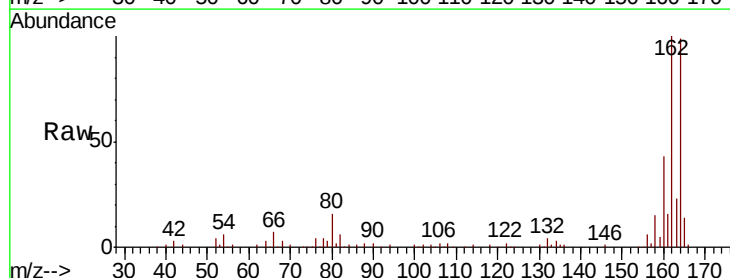
Tgt Ion:164 Resp: 90809

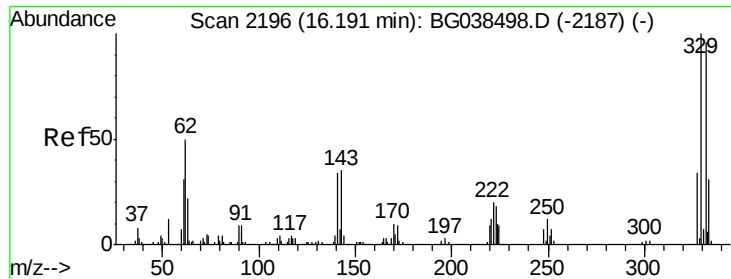
Ion Ratio Lower Upper

164 100

162 101.3 86.6 130.0

160 43.3 34.2 51.2

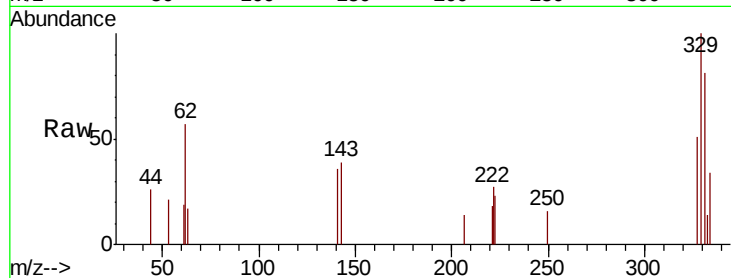




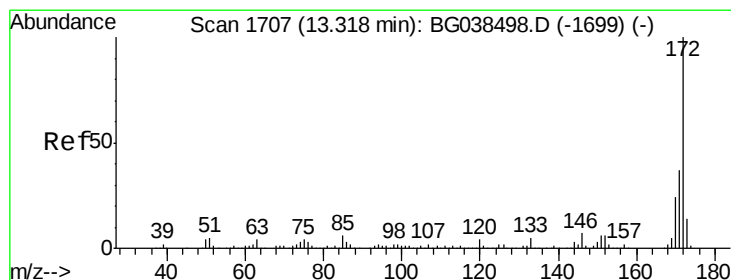
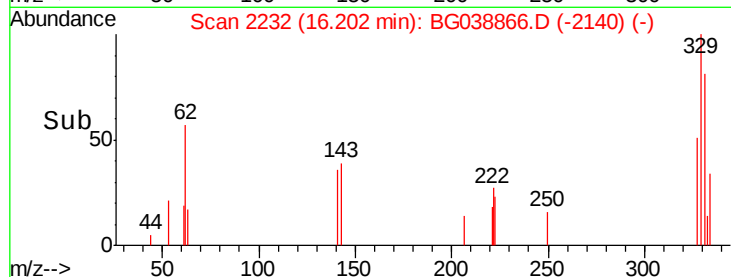
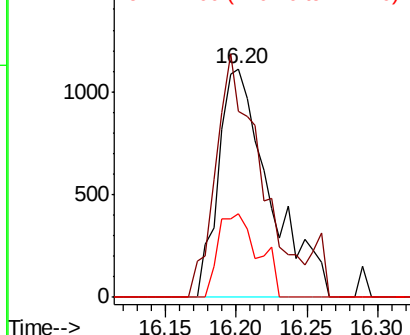
#42
 2,4,6-Tribromophenol
 Concen: 2.250 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. 0.01 min
 Lab File: BG038866.D
 Acq: 28 Dec 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2816
 Ion Ratio Lower Upper
 330 100
 332 92.9 76.9 115.3
 141 28.6 28.8 43.2#

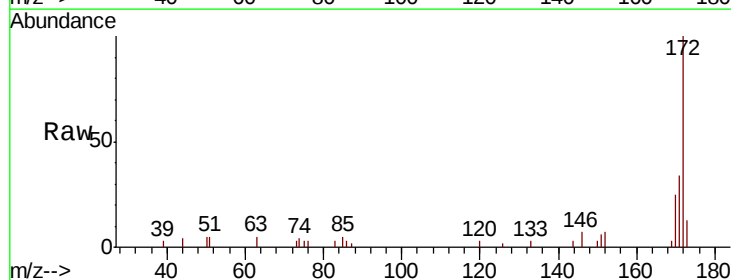


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

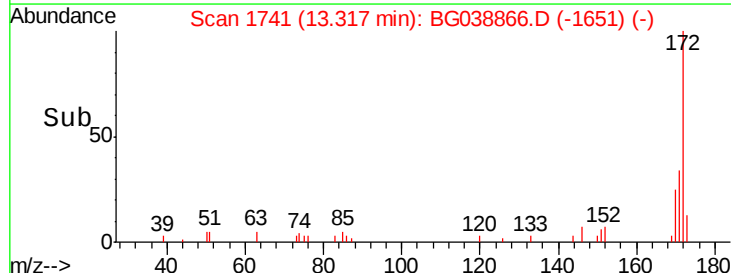
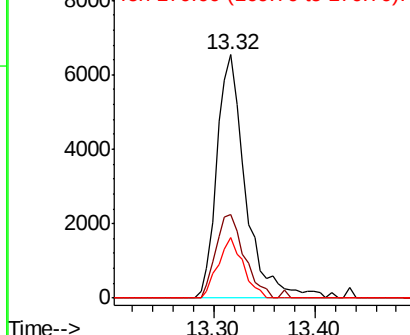


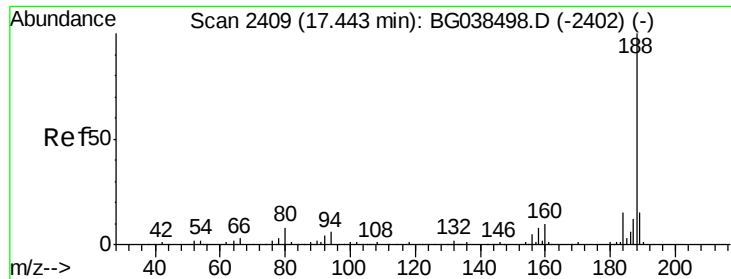
#45
 2-Fluorobiphenyl
 Concen: 1.942 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038866.D
 Acq: 28 Dec 2018 7:44

Tgt Ion:172 Resp: 12856
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.8 44.6
 170 24.9 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

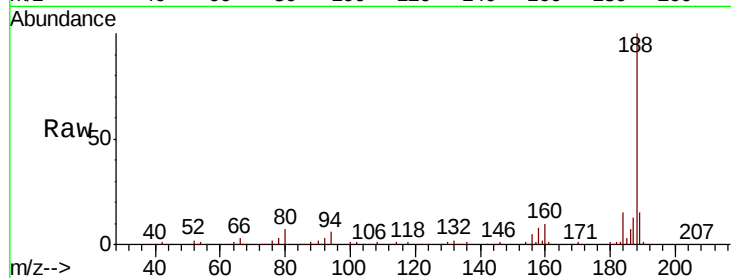




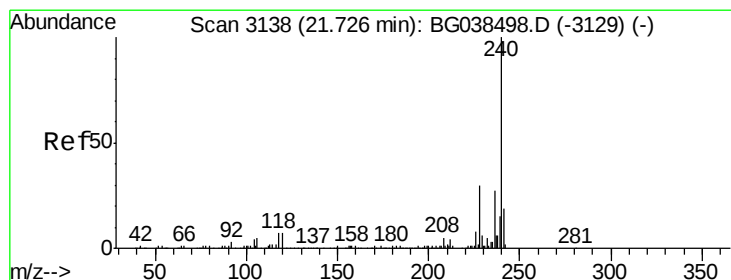
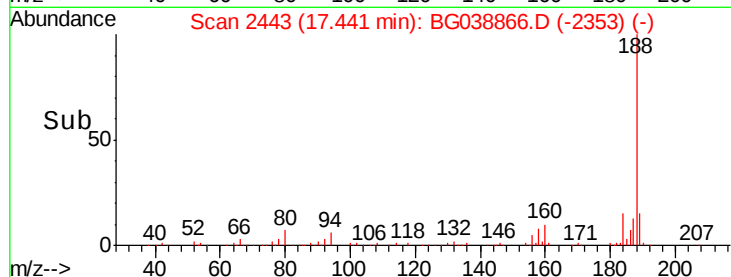
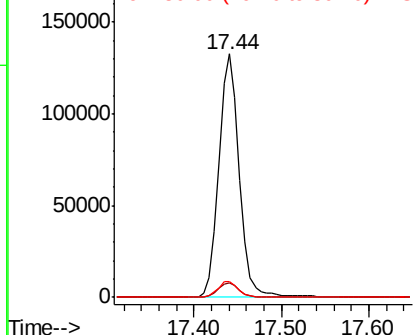
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038866.D
Acq: 28 Dec 2018 7:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 214656
Ion Ratio Lower Upper
188 100
94 5.7 5.1 7.7
80 6.6 6.1 9.1

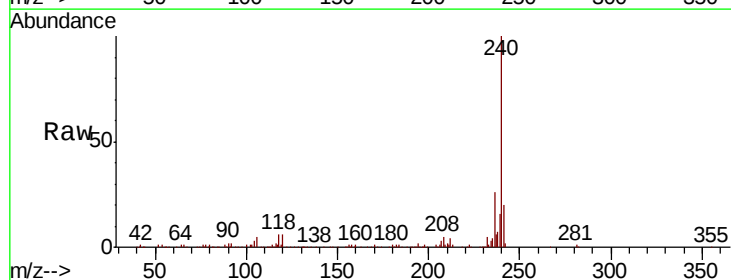


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

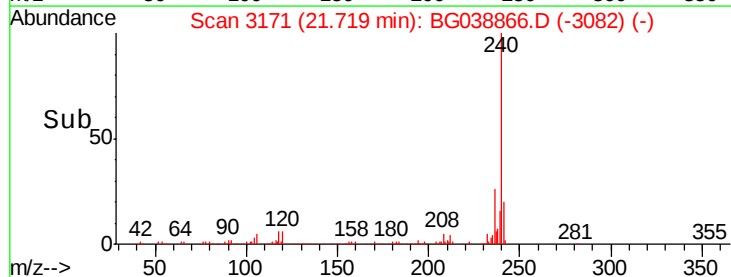
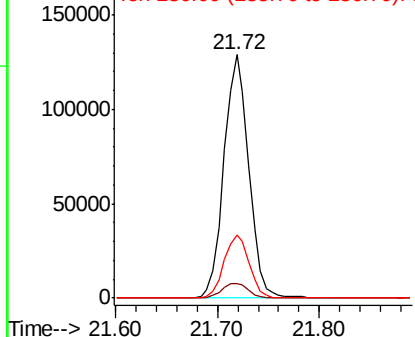


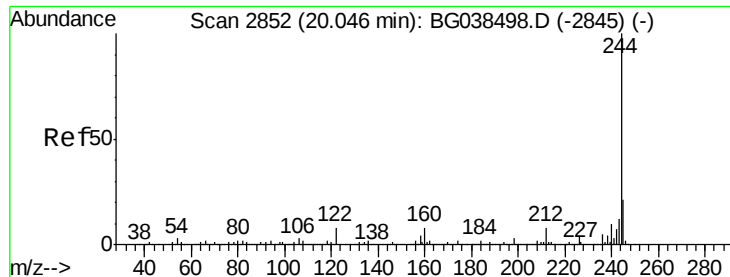
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038866.D
Acq: 28 Dec 2018 7:44

Tgt Ion:240 Resp: 218704
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 26.1 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: 2.466 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038866.D

Acq: 28 Dec 2018 7:44

Instrument :

BNA_F

ClientSampleId :

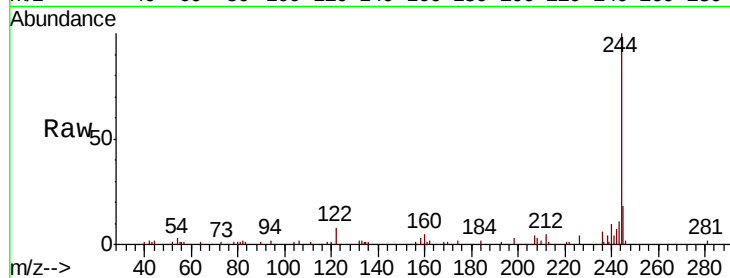
Tot Ion:244 Resp: 24781

Ion Ratio Lower Upper

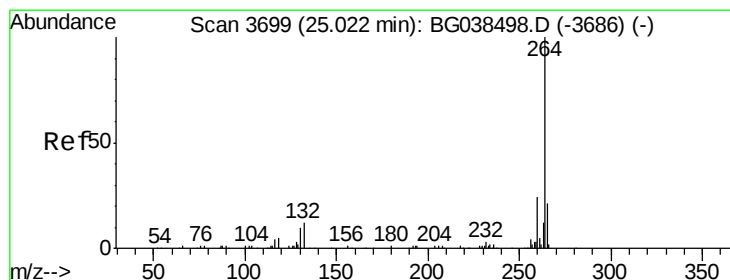
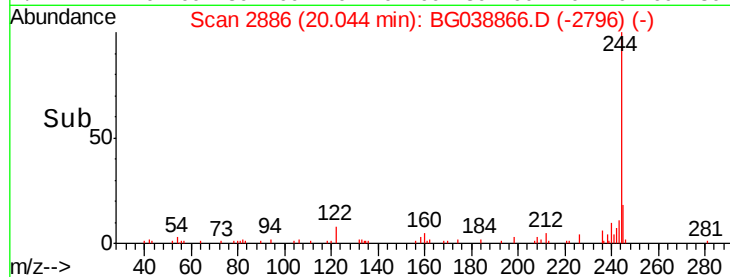
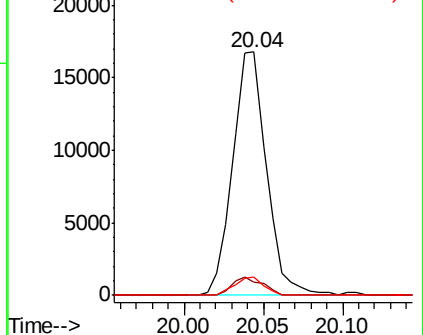
244 100

212 5.4 6.2 9.2#

122 7.7 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# 3732

Delta R.T. -0.01 min

Lab File: BG038866.D

Acq: 28 Dec 2018 7:44

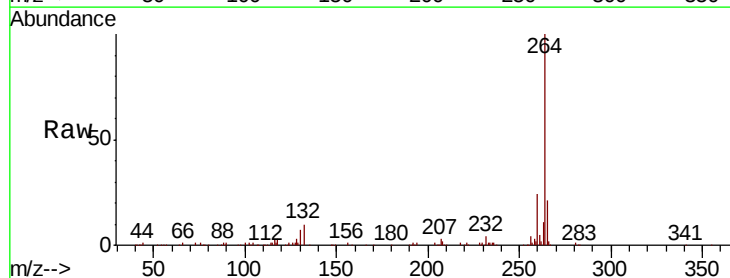
Tgt Ion:264 Resp: 233972

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 20.9 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

