

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038865.D
 Acq On : 28 Dec 2018 7:05
 Operator : JU/SJ
 Sample : J6505-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-58(0-23)-COMP

Quant Time: Dec 28 07:51:32 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

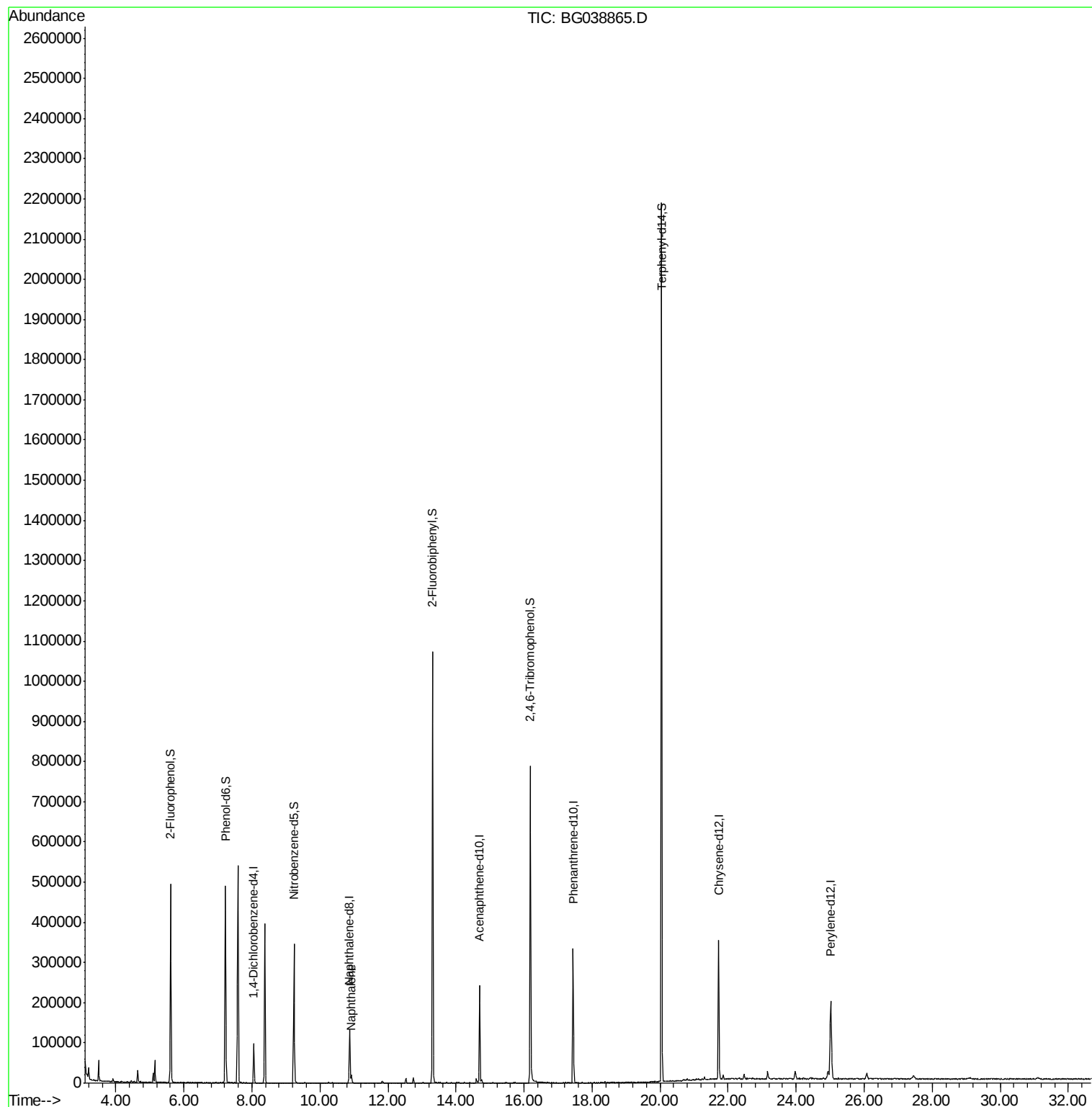
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	27496	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	117920	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	91331	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	226235	20.00	ng	0.00
76) Chrysene-d12	21.72	240	229308	20.00	ng	-0.01
87) Perylene-d12	25.02	264	245923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	212113	136.83	ng	0.00
7) Phenol-d6	7.22	99	279547	131.35	ng	0.01
23) Nitrobenzene-d5	9.24	82	202008	87.52	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	178616	141.90	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	584289	87.76	ng	0.00
79) Terphenyl-d14	20.04	244	1097836	104.19	ng	0.00
Target Compounds						
31) Naphthalene	10.92	128	18350	3.158	ng	Qvalue 97

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

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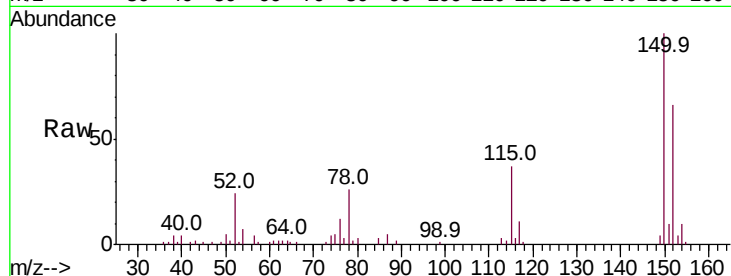


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038865.D
Acq: 28 Dec 2018 7:05

Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	55.0	49.6	74.4

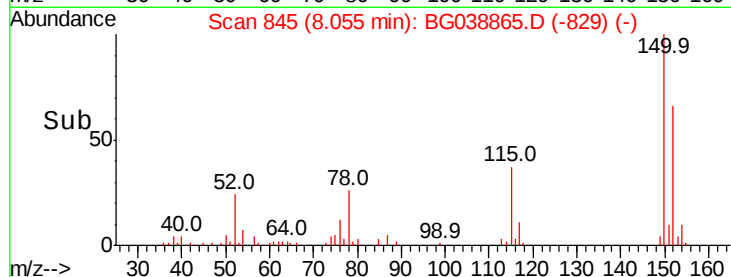
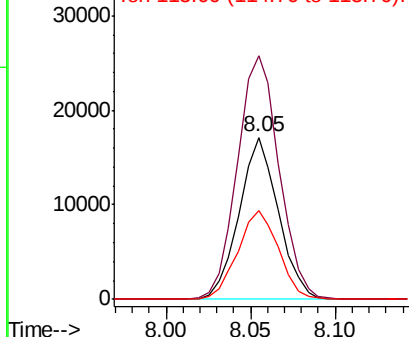


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

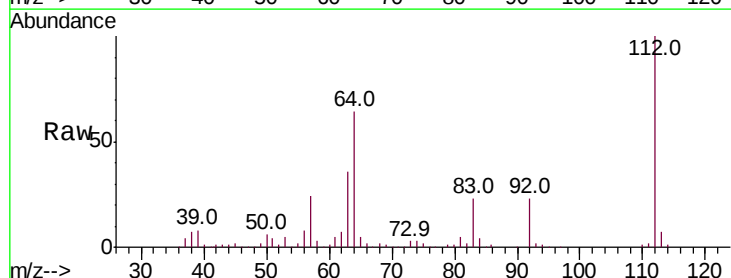
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.825 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038865.D
Acq: 28 Dec 2018 7:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	53.4	80.2
63	36.4	29.3	43.9

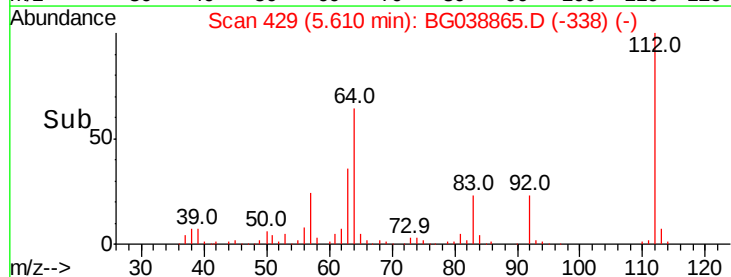
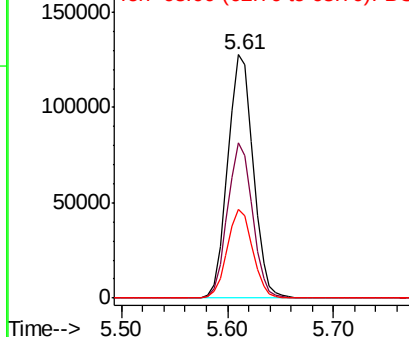


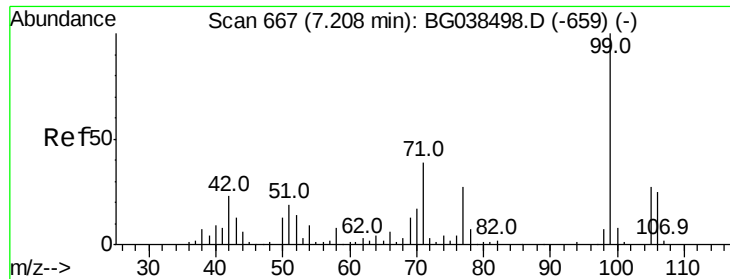
Abundance

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: 131.354 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038865.D

Acq: 28 Dec 2018 7:05

Instrument :

BNA_G

ClientSampleId :

SB-58(0-23)-COMP

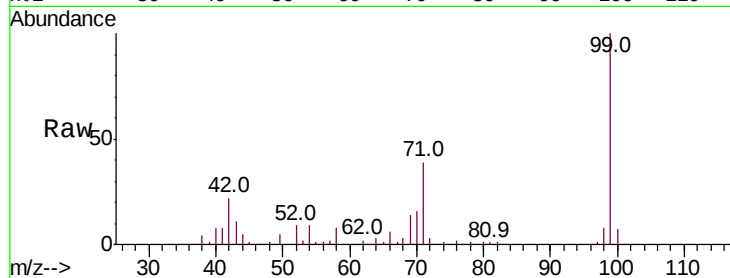
Tot Ion: 99 Resp: 279547

Ion Ratio Lower Upper

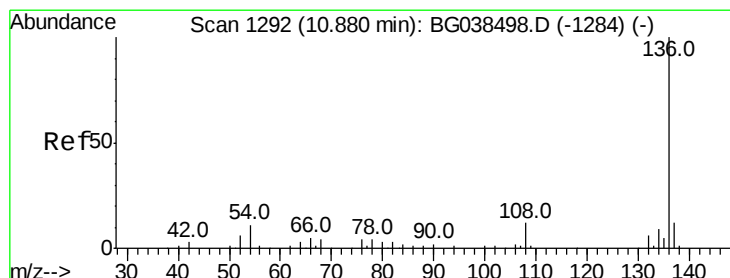
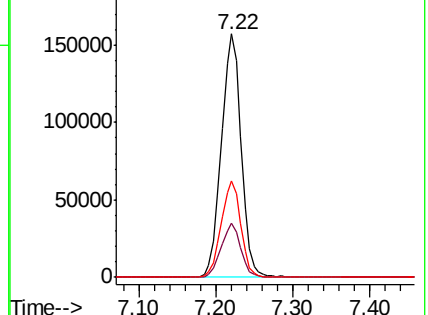
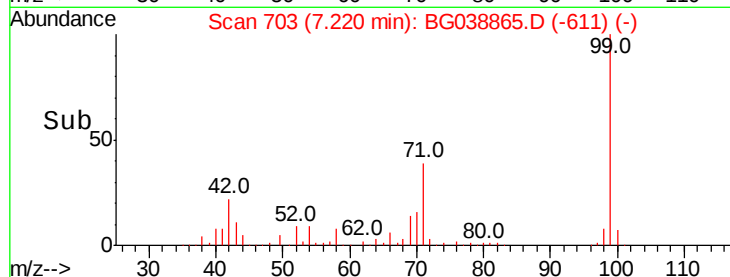
99 100

42 22.1 18.5 27.7

71 39.4 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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038865.D

Acq: 28 Dec 2018 7:05

Tgt Ion: 136 Resp: 117920

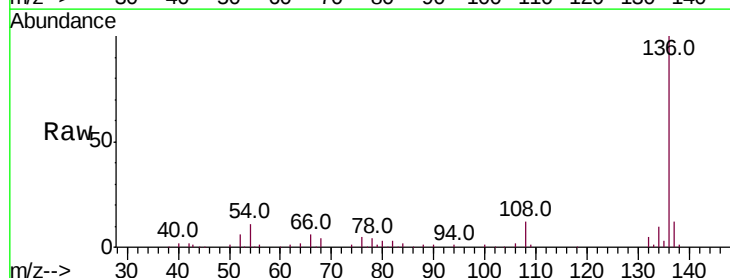
Ion Ratio Lower Upper

136 100

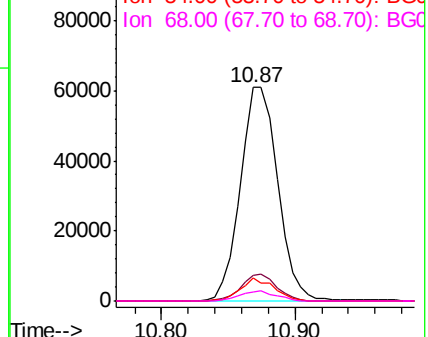
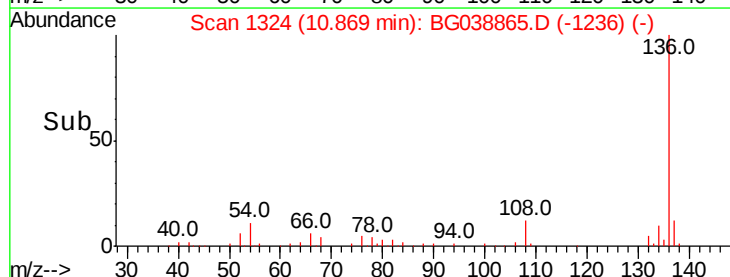
137 11.8 9.3 13.9

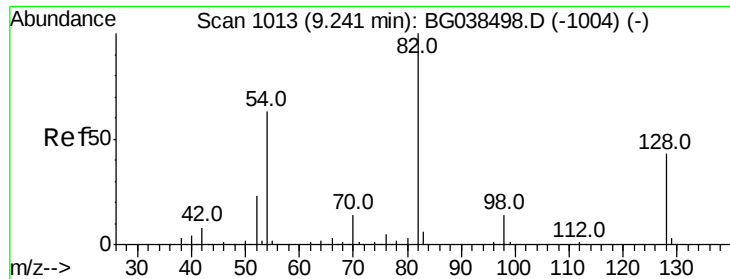
54 10.6 8.5 12.7

68 4.4 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

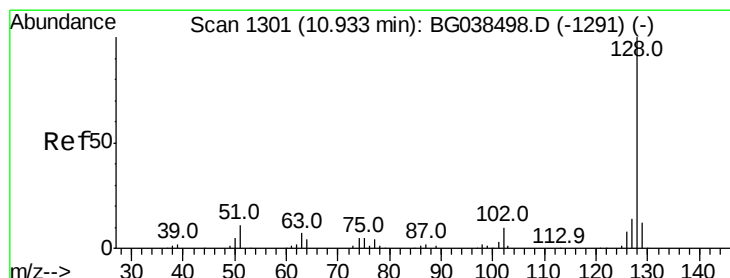
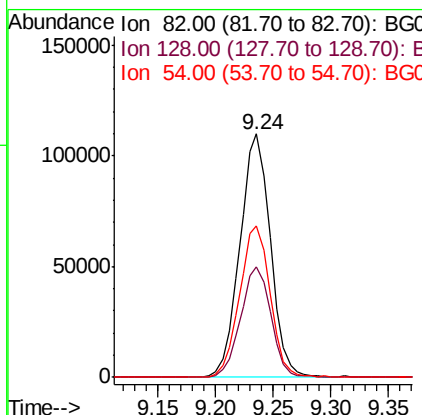
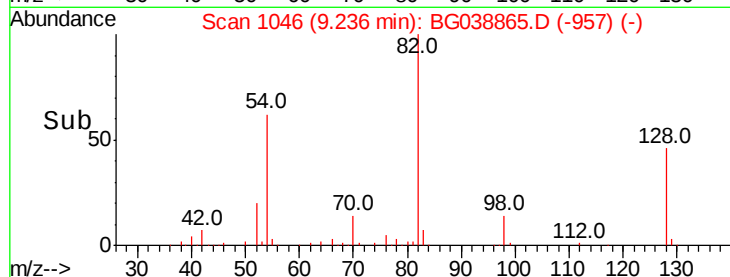
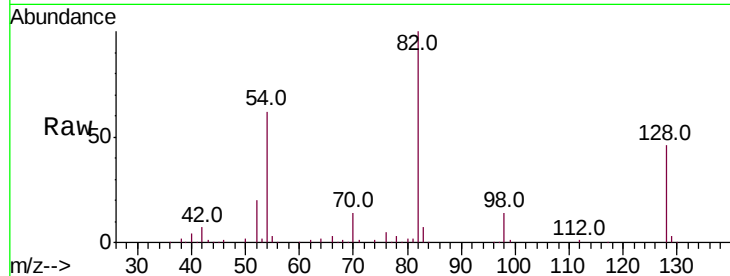




#23
 Nitrobenzene-d5
 Concen: 87.517 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038865.D
 Acq: 28 Dec 2018 7:05

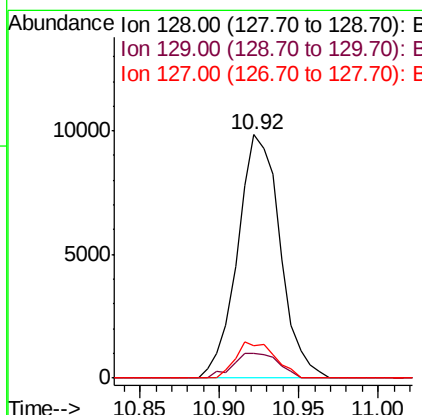
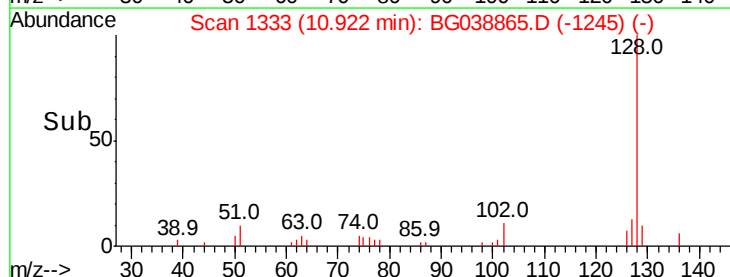
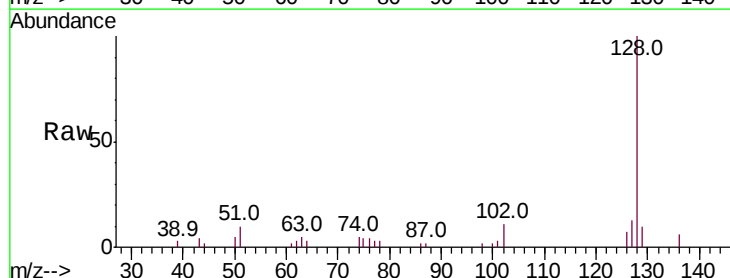
Instrument :
 BNA_G
 ClientSampleId :
 SB-58(0-23)-COMP

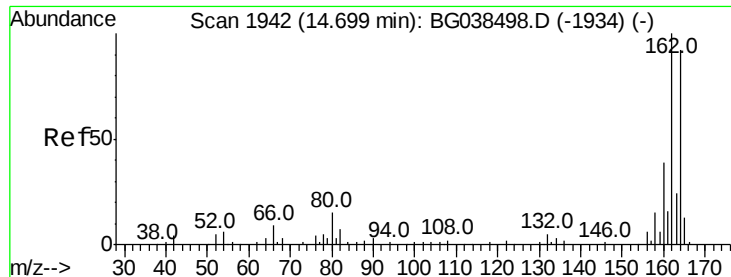
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	62.1	50.6	76.0



#31
 Naphthalene
 Concen: 3.158 ng
 RT: 10.92 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BG038865.D
 Acq: 28 Dec 2018 7:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.5	14.3
127	13.1	10.9	16.3

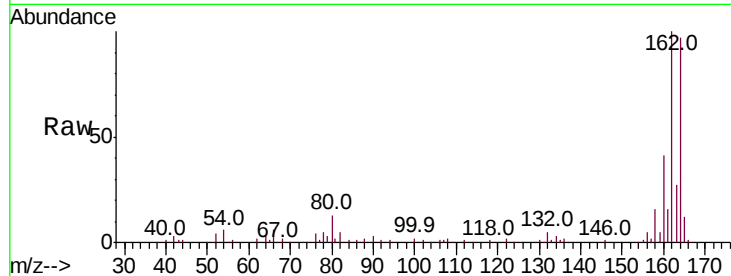




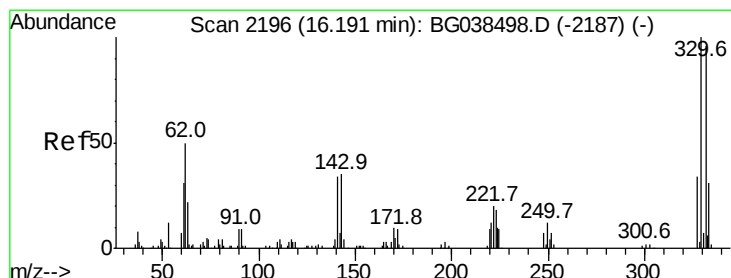
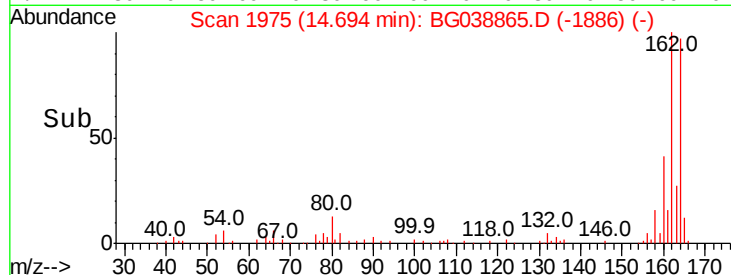
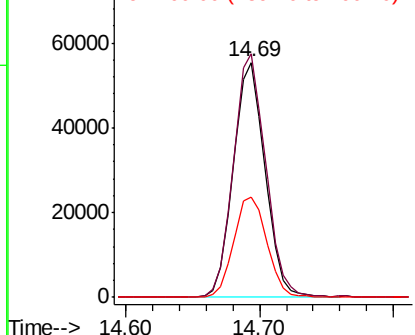
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038865.D
Acq: 28 Dec 2018 7:05

Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

Tot Ion:164 Resp: 91331
Ion Ratio Lower Upper
164 100
162 103.5 86.6 130.0
160 42.8 34.2 51.2

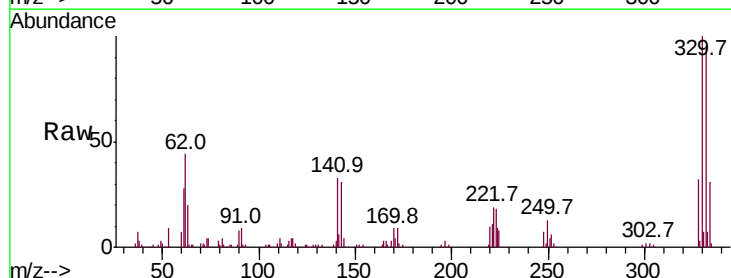


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

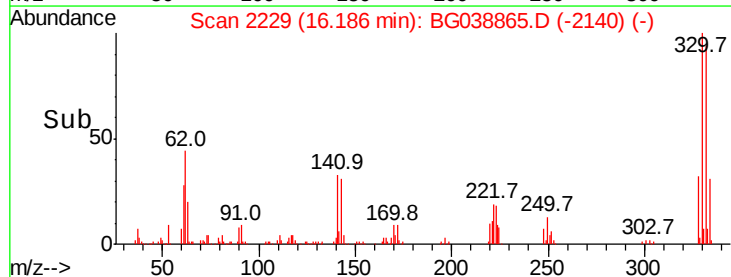
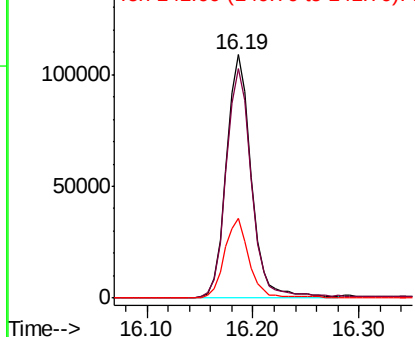


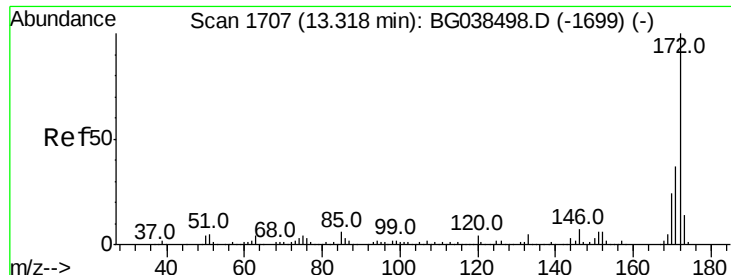
#42
2,4,6-Tribromophenol
Concen: 141.905 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038865.D
Acq: 28 Dec 2018 7:05

Tgt Ion:330 Resp: 178616
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 32.4 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

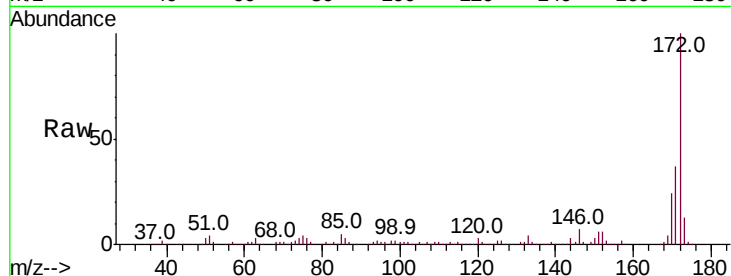




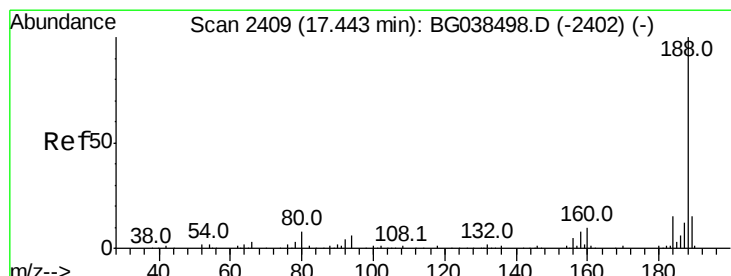
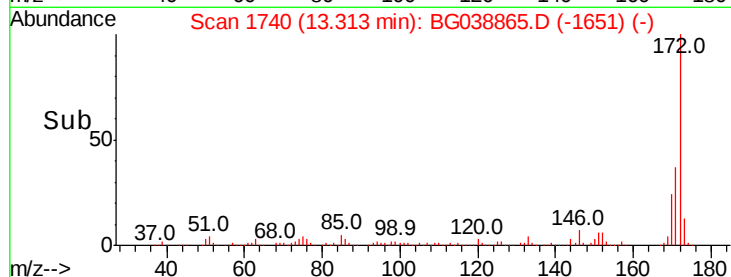
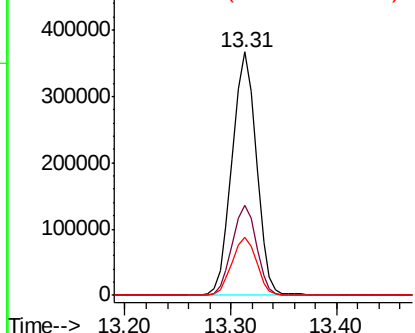
#45
 2-Fluorobiphenyl
 Concen: 87.764 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038865.D
 Acq: 28 Dec 2018 7:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-58(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	23.8	19.5	29.3



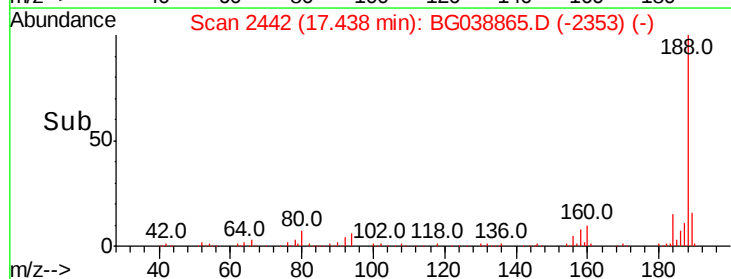
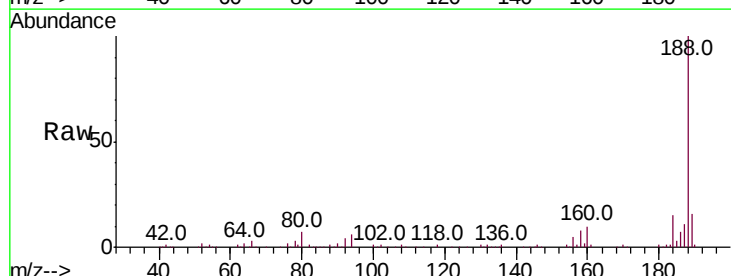
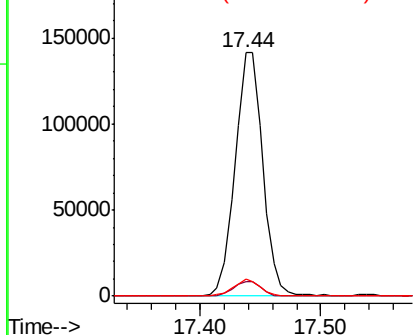
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

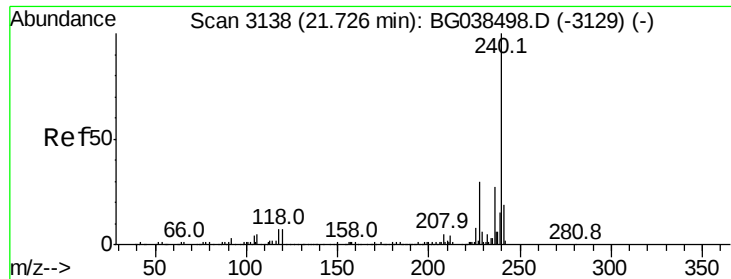


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038865.D
 Acq: 28 Dec 2018 7:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	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

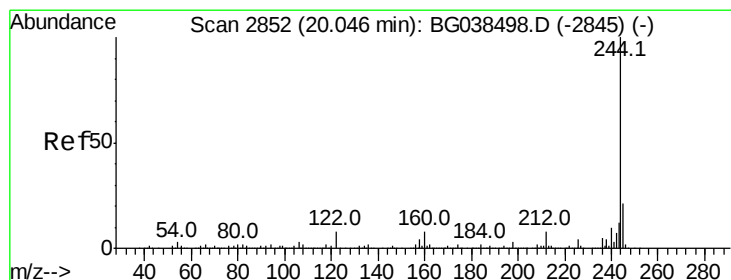
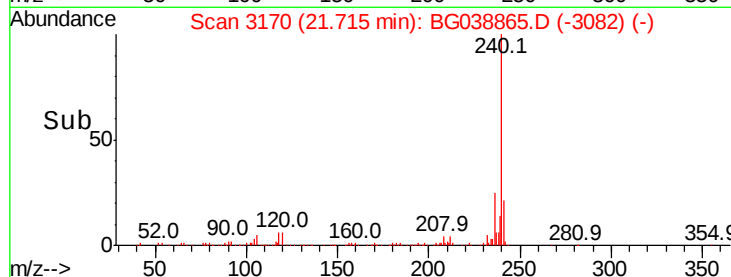
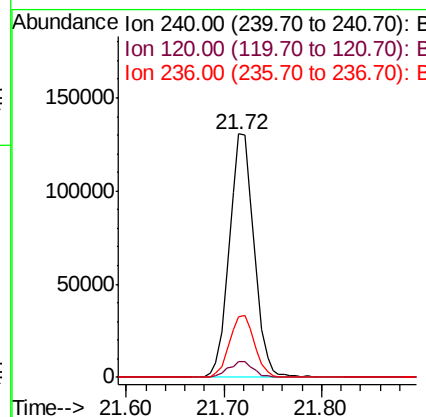
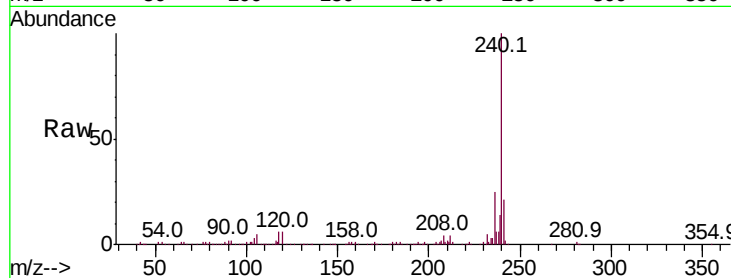




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038865.D
 Acq: 28 Dec 2018 7:05

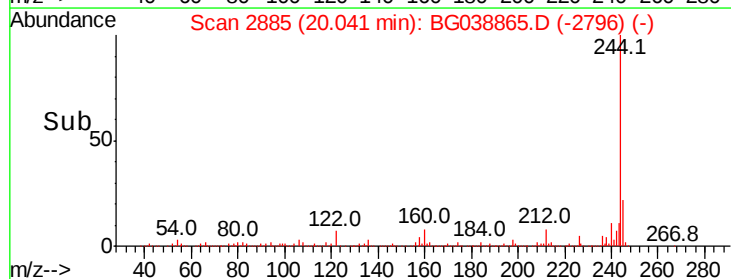
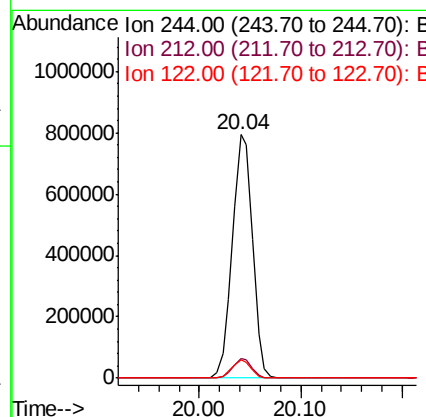
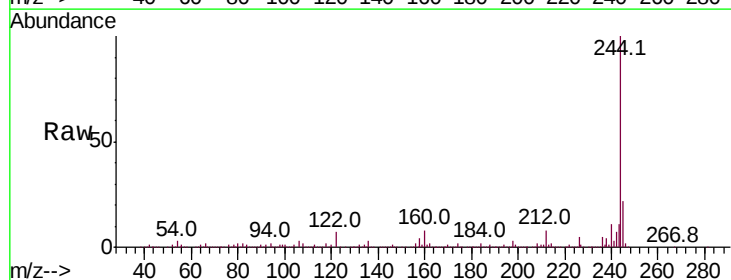
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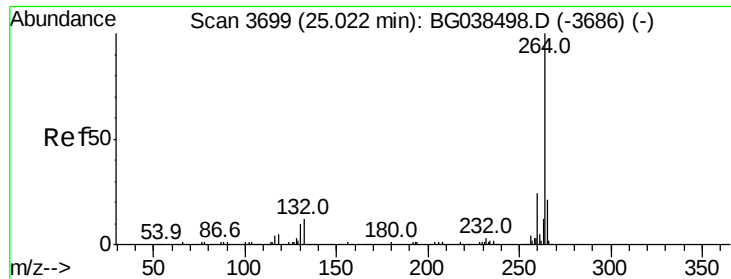
Tot Ion:240 Resp: 229308
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.3 7.9
 236 24.8 21.4 32.2



#79
 Terphenyl-d14
 Concen: 104.194 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG038865.D
 Acq: 28 Dec 2018 7:05

Tgt Ion:244 Resp: 1097836
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.4 6.3 9.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038865.D
 Acq: 28 Dec 2018 7:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-58(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.8	17.0	25.4

