

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038616.D
 Acq On : 15 Dec 2018 22:46
 Operator : JU/SJ
 Sample : J6371-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB01_121118

Quant Time: Dec 16 02:25:43 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

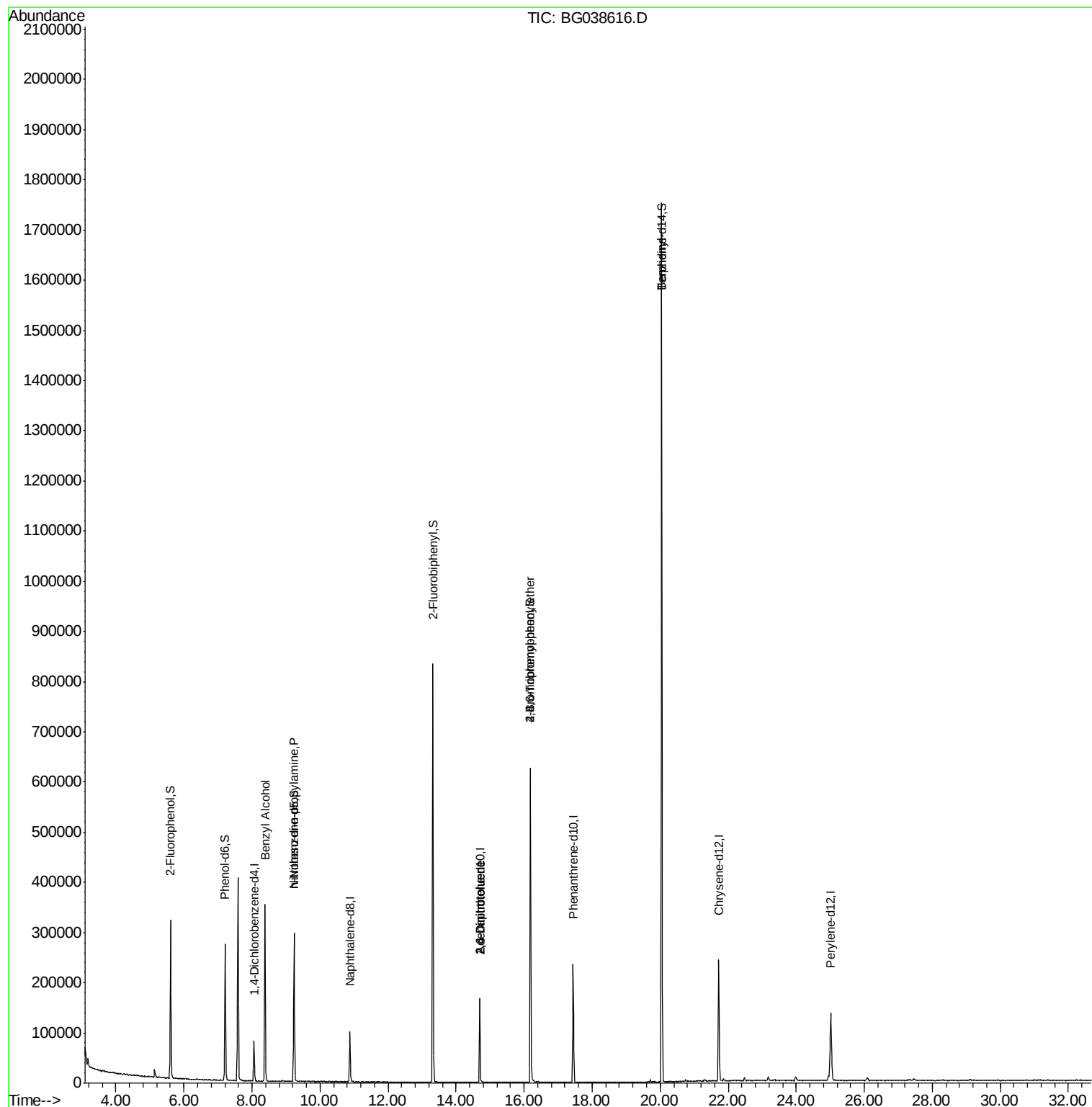
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22499	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	89920	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60267	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152526	20.00	ng	0.00
76) Chrysene-d12	21.72	240	160910	20.00	ng	0.00
87) Perylene-d12	25.02	264	167050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	134229	105.82	ng	0.00
7) Phenol-d6	7.21	99	151699	87.11	ng	0.00
23) Nitrobenzene-d5	9.24	82	178060	101.16	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	123473	148.66	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	433656	98.71	ng	0.00
79) Terphenyl-d14	20.04	244	819395	110.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3100	2.281	ng	# 57
19) n-Nitroso-di-n-propylamine	9.24	70	23802	19.461	ng	# 65
51) 2,6-Dinitrotoluene	14.70	165	7858	7.046	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	7858	5.002	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8183	4.393	ng	# 1
77) Benzidine	20.04	184	14689	3.087	ng	# 95

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

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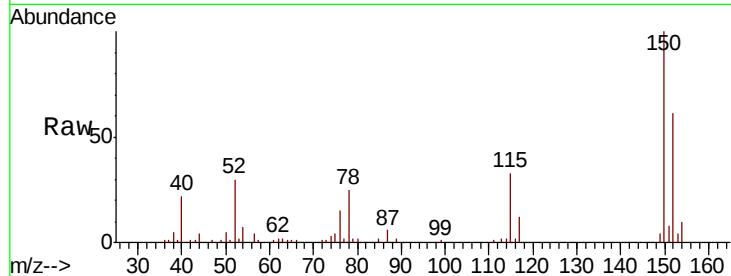


#1

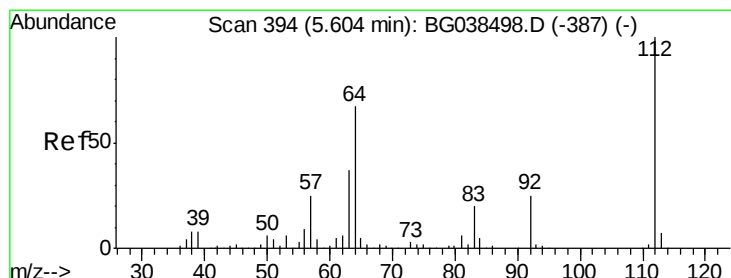
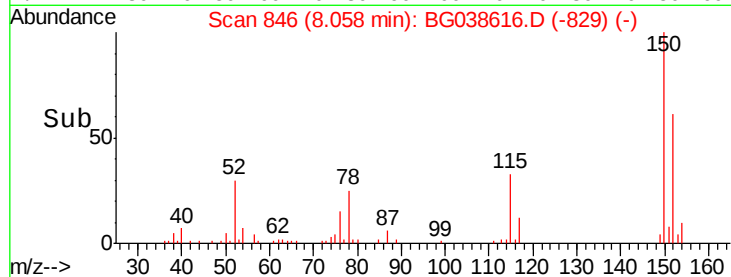
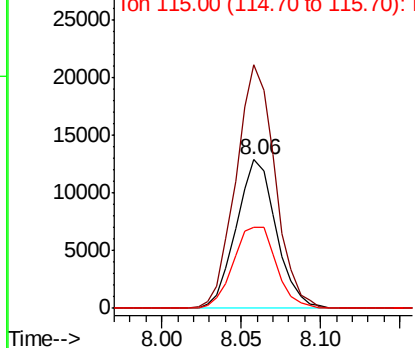
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

Instrument :
BNA_G
ClientSampleId :
FB01_121118

Tgt Ion:152 Resp: 22499
Ion Ratio Lower Upper
152 100
150 163.9 119.5 179.3
115 54.8 49.6 74.4



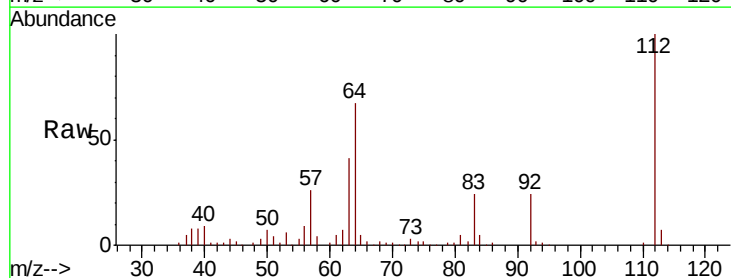
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



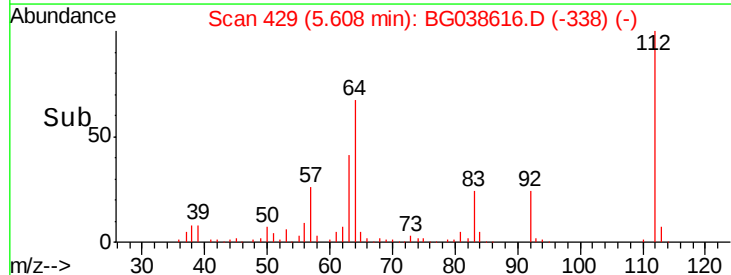
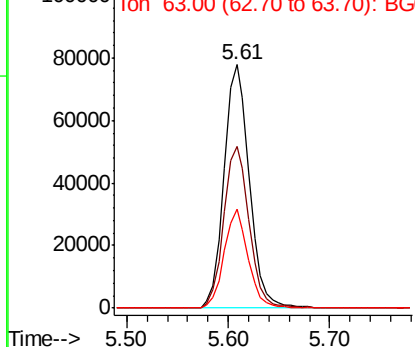
#5

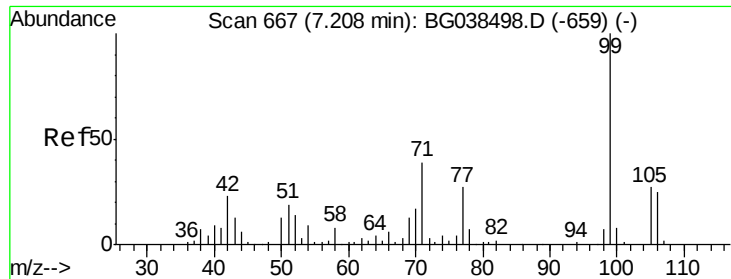
2-Fluorophenol
Concen: 105.816 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

Tgt Ion:112 Resp: 134229
Ion Ratio Lower Upper
112 100
64 66.6 53.4 80.2
63 40.5 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: 87.112 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038616.D

Acq: 15 Dec 2018 22:46

Instrument :

BNA_G

ClientSampleId :

FB01_121118

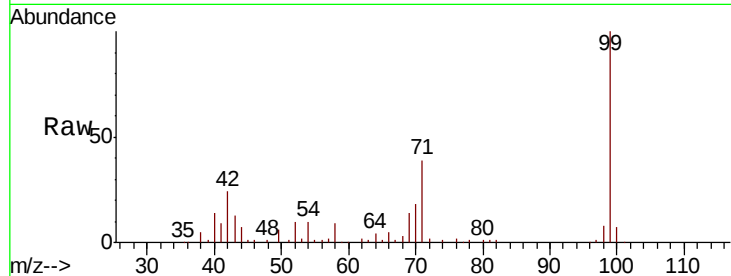
Tgt Ion: 99 Resp: 151699

Ion Ratio Lower Upper

99 100

42 23.7 18.5 27.7

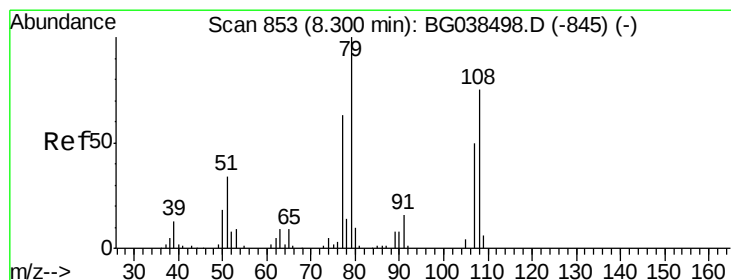
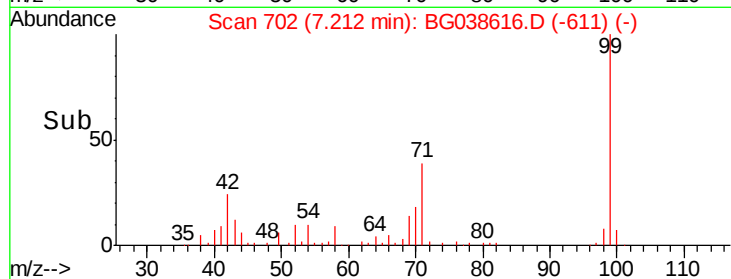
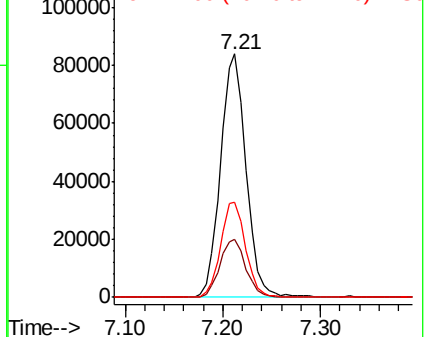
71 38.9 31.1 46.7



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



#15

Benzyl Alcohol

Concen: 2.281 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.07 min

Lab File: BG038616.D

Acq: 15 Dec 2018 22:46

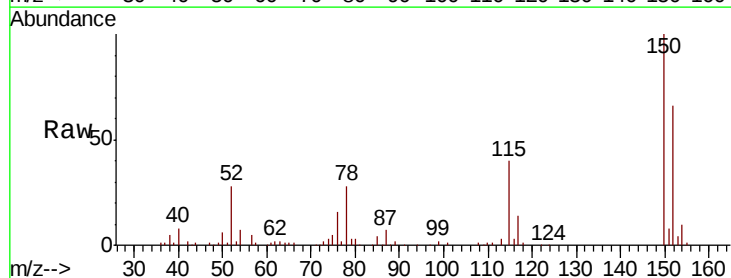
Tgt Ion: 79 Resp: 3100

Ion Ratio Lower Upper

79 100

108 32.9 60.2 90.4#

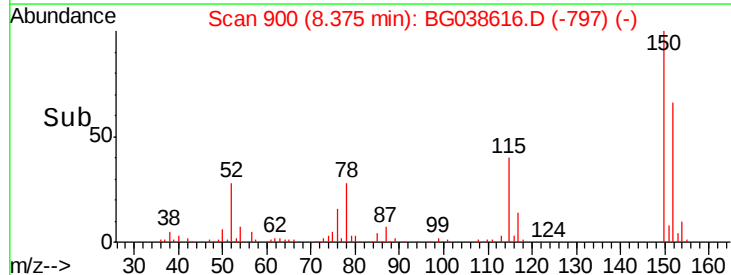
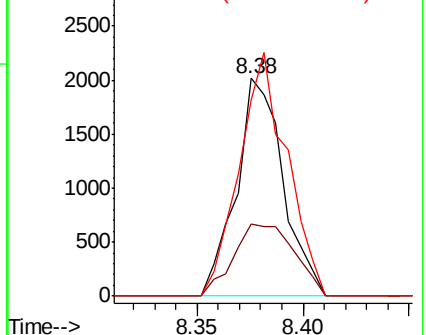
77 90.2 50.7 76.1#

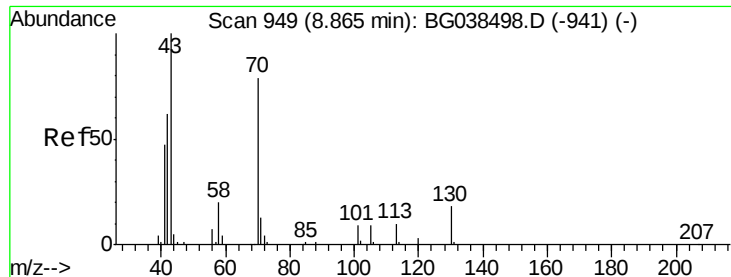


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

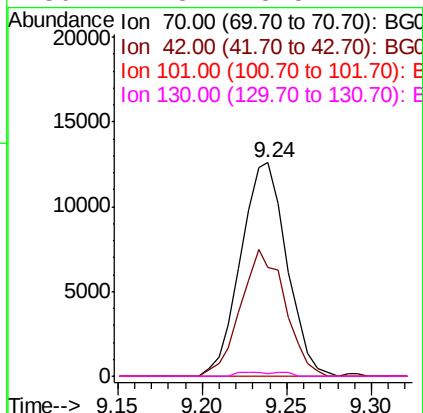
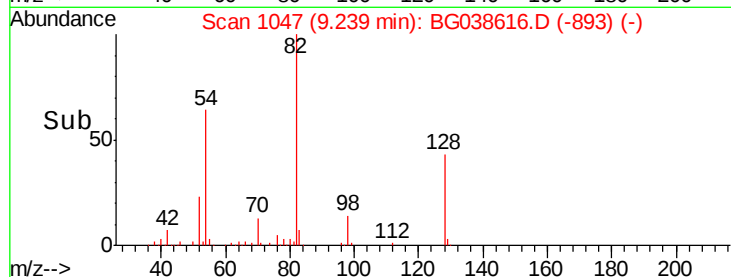
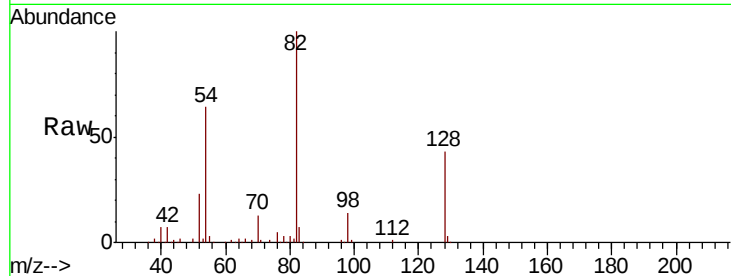




#19
n-Nitroso-di-n-propylamine
Concen: 19.461 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

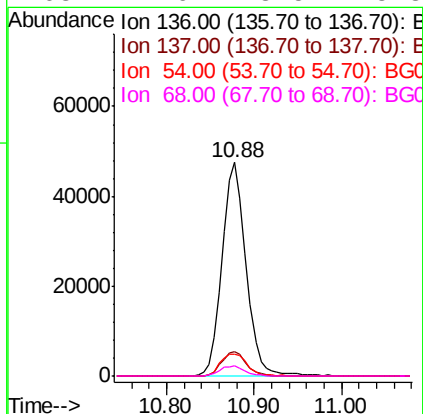
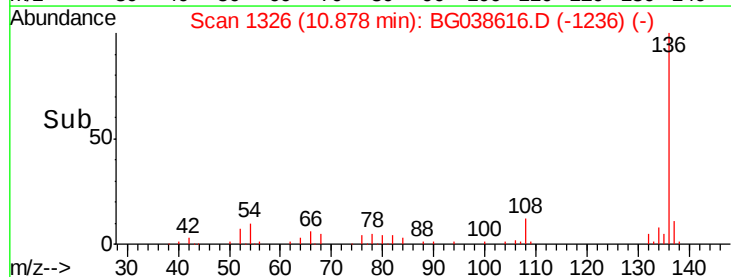
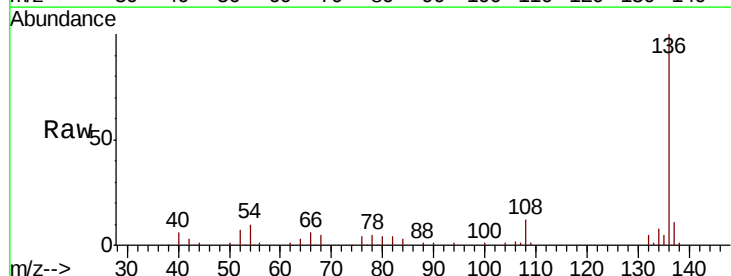
Instrument :
BNA_G
ClientSampleId :
FB01_121118

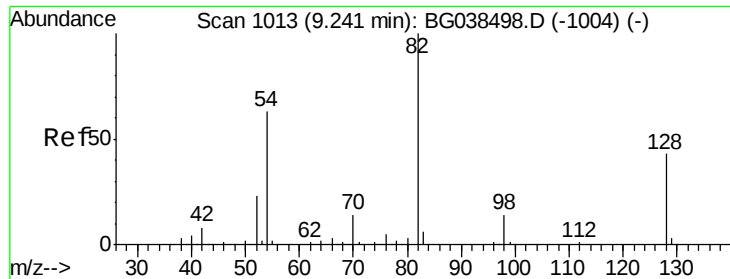
Tgt Ion: 70 Resp: 23802
Ion Ratio Lower Upper
70 100
42 50.9 63.6 95.4#
101 0.0 9.2 13.8#
130 1.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

Tgt Ion: 136 Resp: 89920
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 10.1 8.5 12.7
68 4.6 3.5 5.3

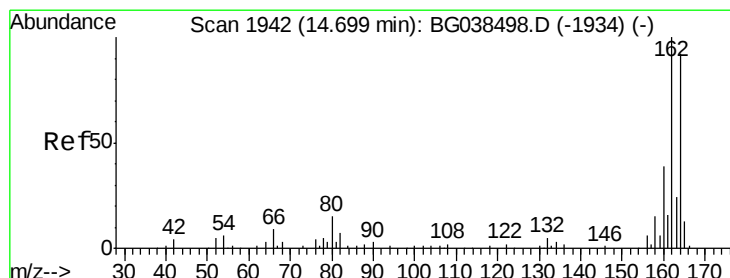
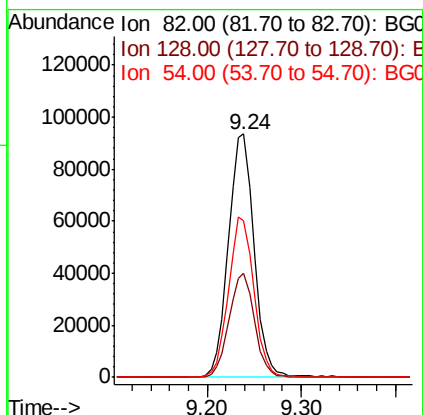
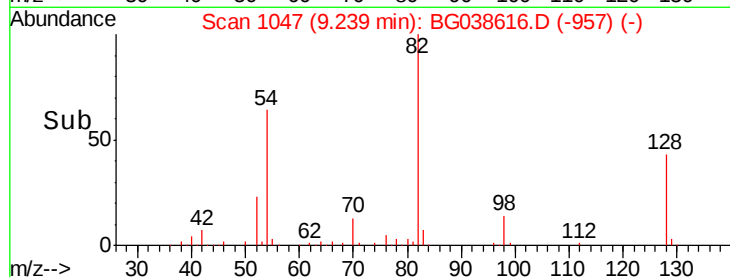
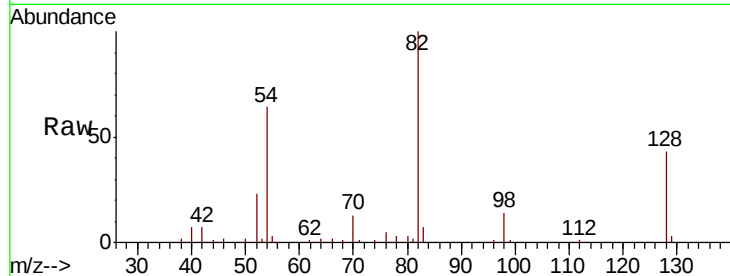




#23
Nitrobenzene-d5
Concen: 101.163 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

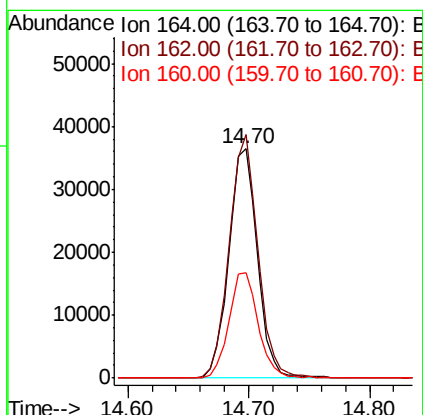
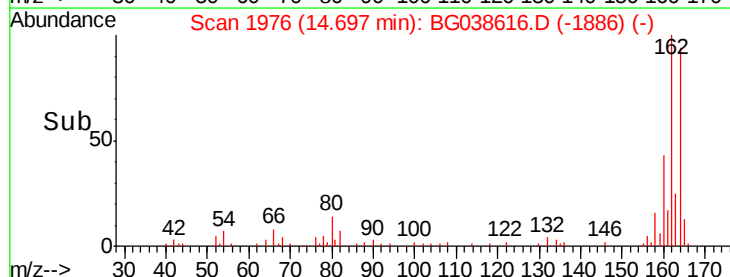
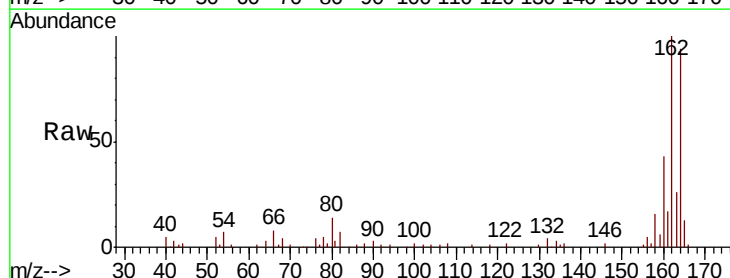
Instrument :
BNA_G
ClientSampleId :
FB01_121118

Tgt Ion: 82 Resp: 178060
Ion Ratio Lower Upper
82 100
128 42.8 34.6 52.0
54 64.5 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

Tgt Ion: 164 Resp: 60267
Ion Ratio Lower Upper
164 100
162 106.1 86.6 130.0
160 45.9 34.2 51.2

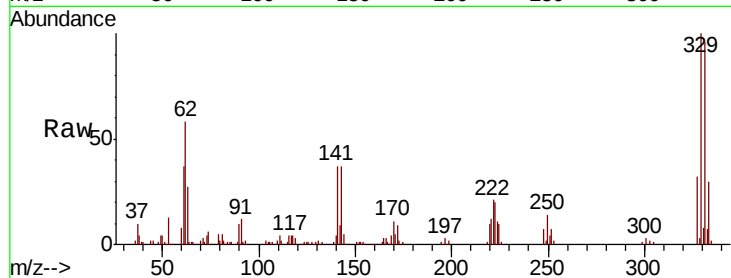




#42
 2,4,6-Tribromophenol
 Concen: 148.657 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038616.D
 Acq: 15 Dec 2018 22:46

Instrument :
 BNA_G
 ClientSampleId :
 FB01_121118

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	37.1	28.8	43.2

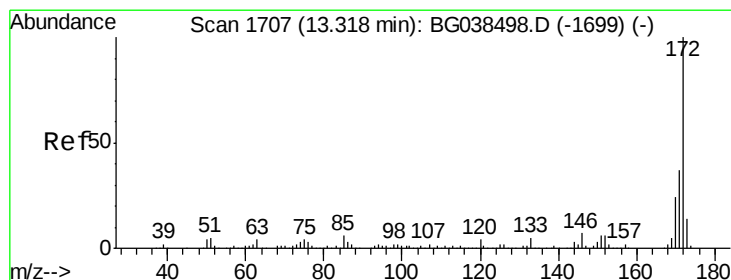
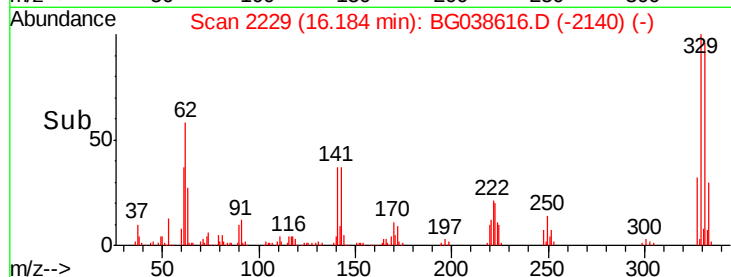
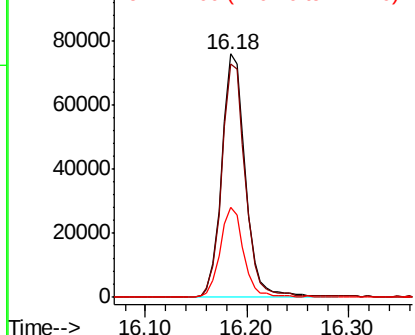


Abundance

Ion 329.80 (329.50 to 330.50): E

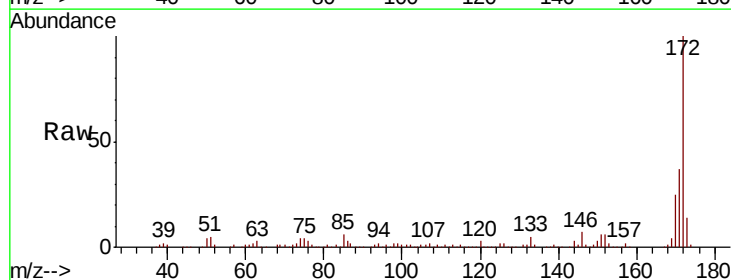
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.712 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038616.D
 Acq: 15 Dec 2018 22:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.5	19.5	29.3

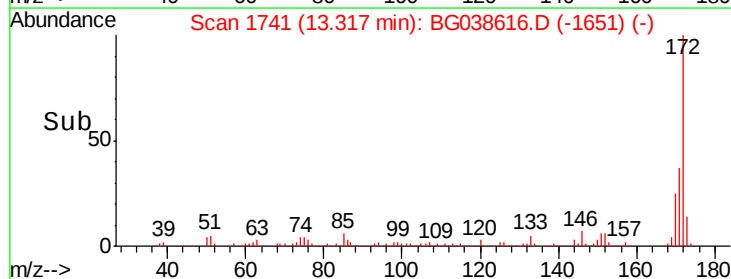
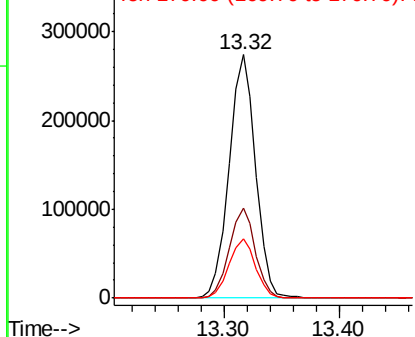


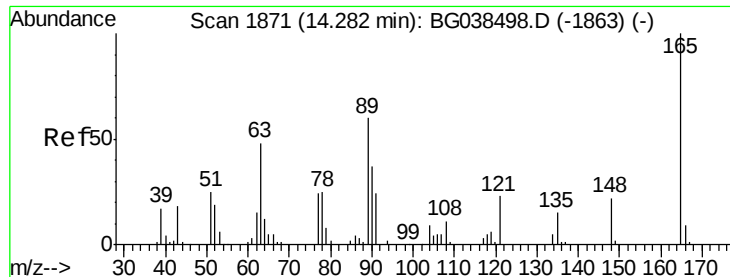
Abundance

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

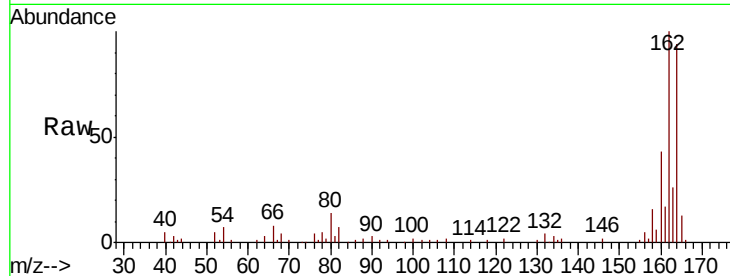




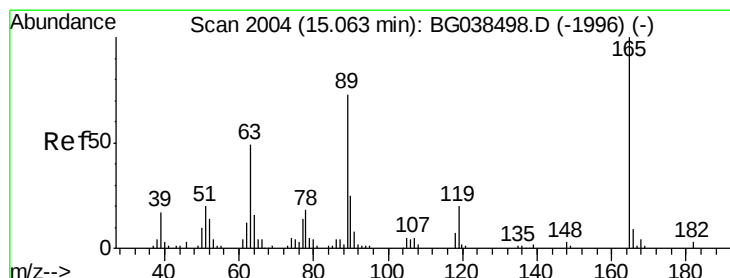
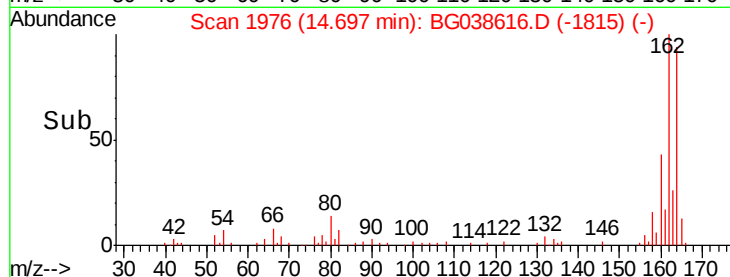
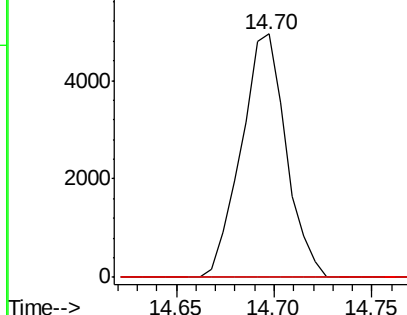
#51
 2,6-Dinitrotoluene
 Concen: 7.046 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038616.D
 Acq: 15 Dec 2018 22:46

Instrument :
 BNA_G
 ClientSampleId :
 FB01_121118

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



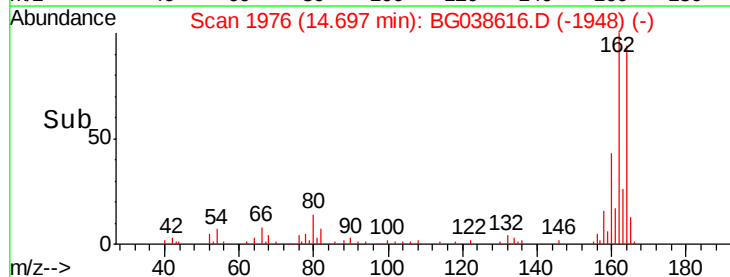
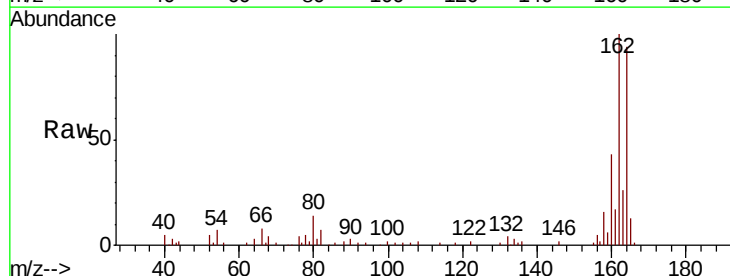
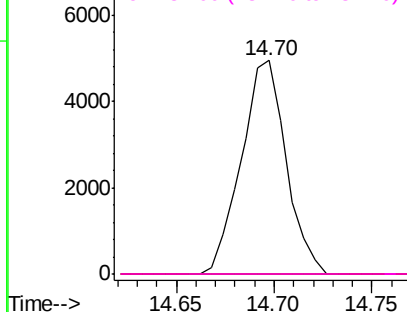
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

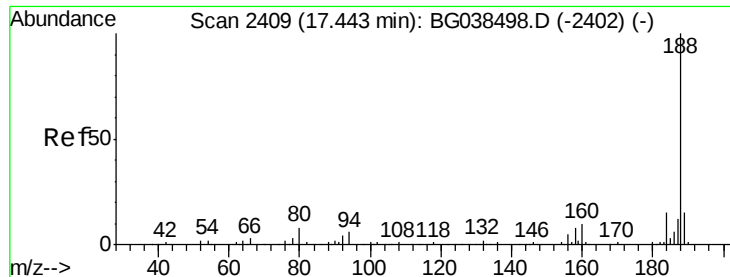


#57
 2,4-Dinitrotoluene
 Concen: 5.002 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038616.D
 Acq: 15 Dec 2018 22:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

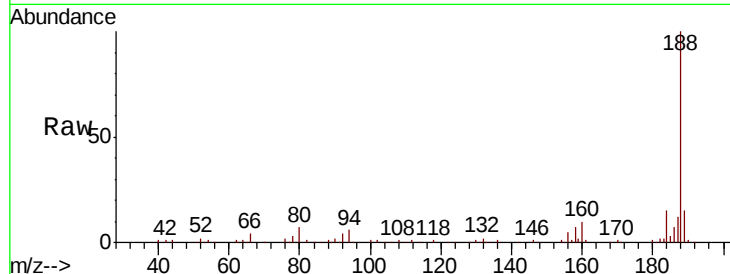




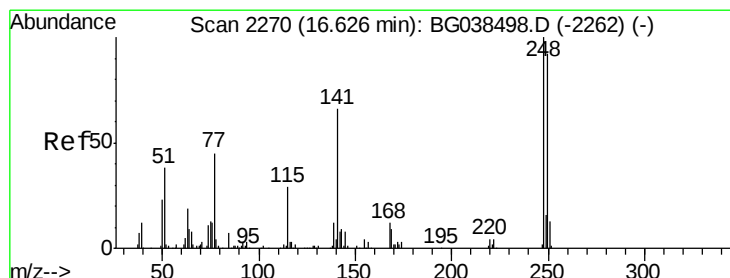
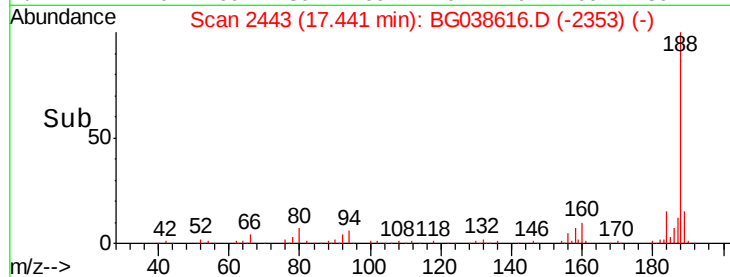
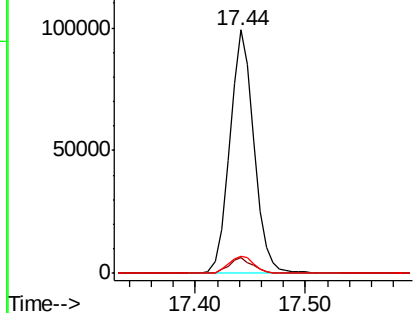
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038616.D
 Acq: 15 Dec 2018 22:46

Instrument :
 BNA_G
 ClientSampleId :
 FB01_121118

Tgt Ion:188 Resp: 152526
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 7.0 6.1 9.1

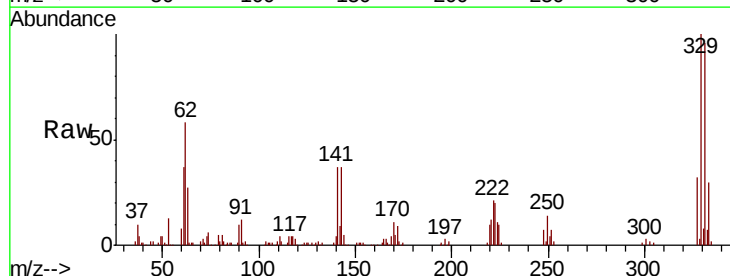


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

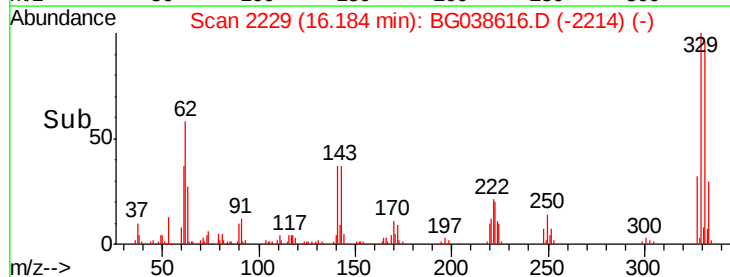
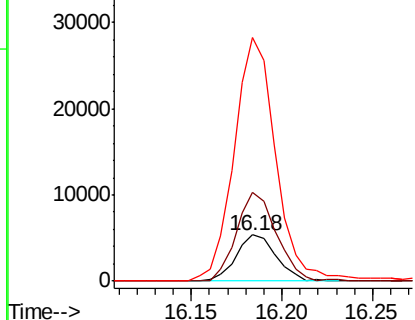


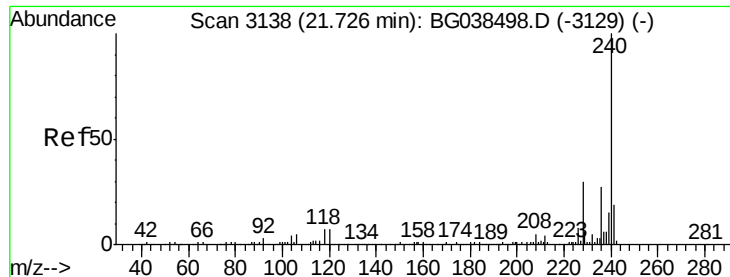
#67
 4-Bromophenyl-phenylether
 Concen: 4.393 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038616.D
 Acq: 15 Dec 2018 22:46

Tgt Ion:248 Resp: 8183
 Ion Ratio Lower Upper
 248 100
 250 194.2 73.4 110.2#
 141 407.4 52.9 79.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

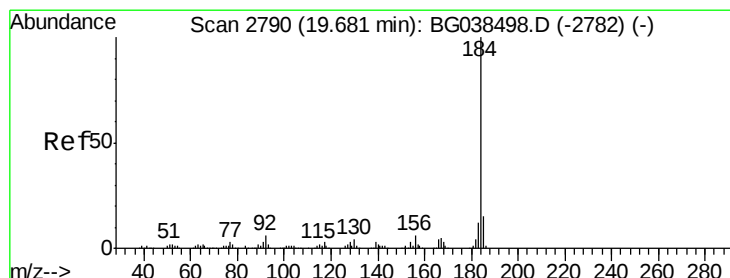
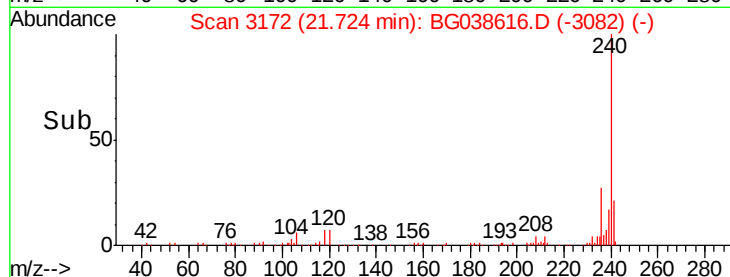
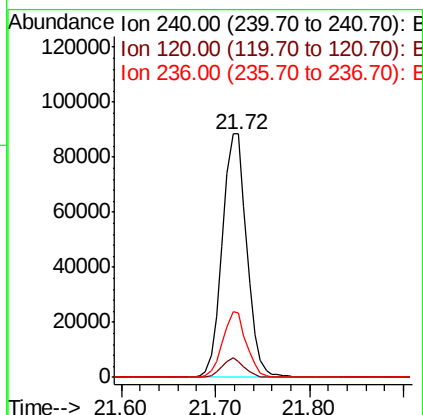
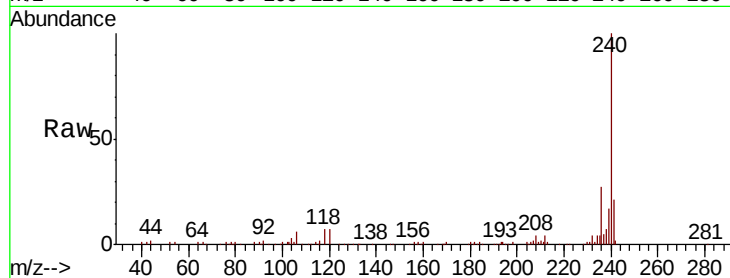




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

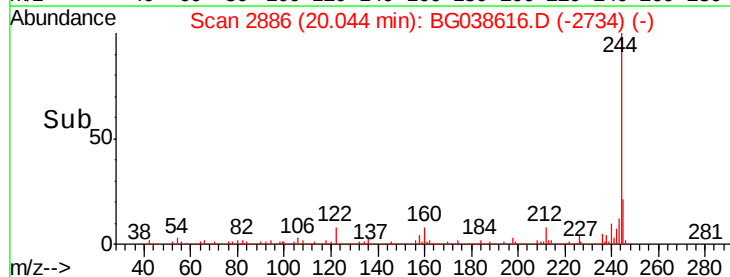
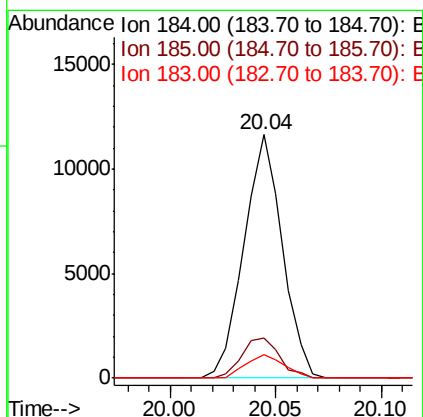
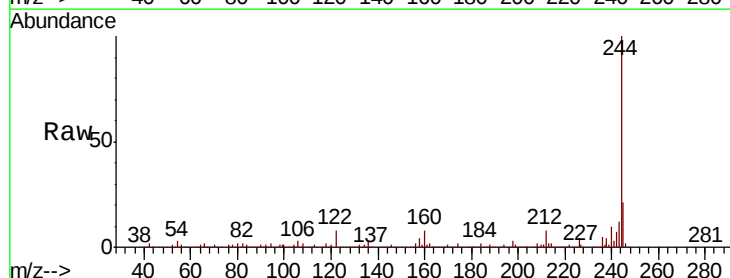
Instrument :
BNA_G
ClientSampleId :
FB01_121118

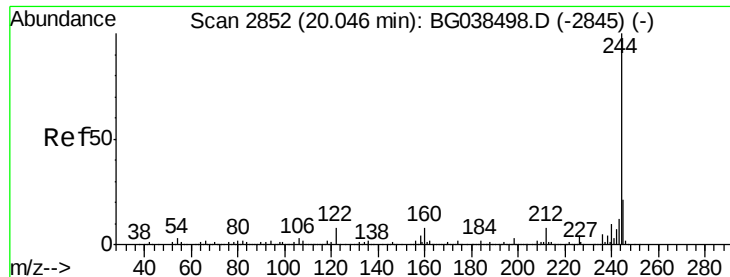
Tgt Ion:240 Resp: 160910
Ion Ratio Lower Upper
240 100
120 6.5 5.3 7.9
236 26.7 21.4 32.2



#77
Benzidine
Concen: 3.087 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038616.D
Acq: 15 Dec 2018 22:46

Tgt Ion:184 Resp: 14689
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 9.5 9.6 14.4#





#79

Terphenyl-d14

Concen: 110.824 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038616.D

Acq: 15 Dec 2018 22:46

Instrument :

BNA_G

ClientSampleId :

FB01_121118

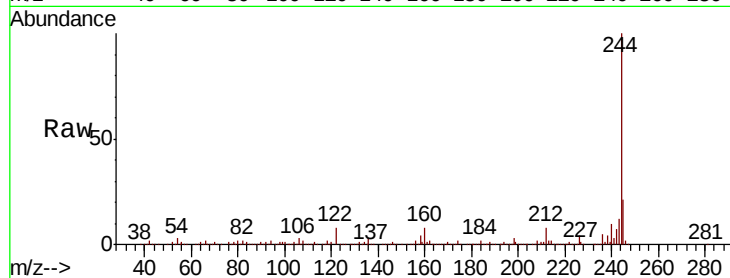
Tgt Ion:244 Resp: 819395

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

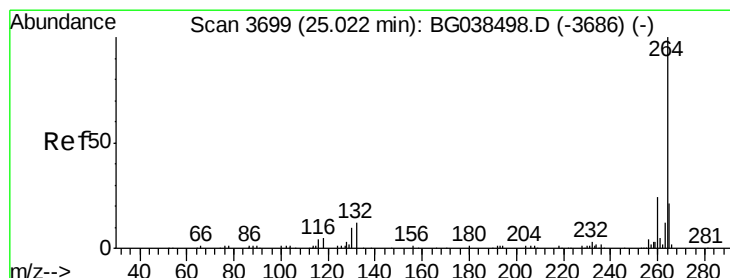
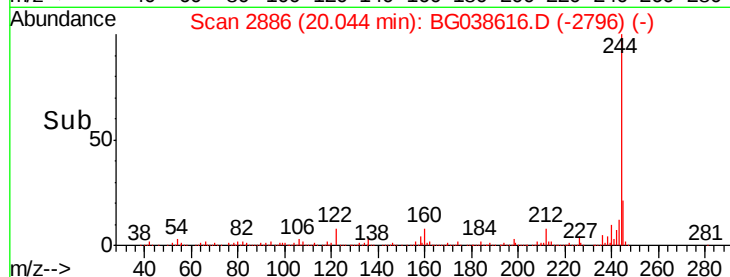
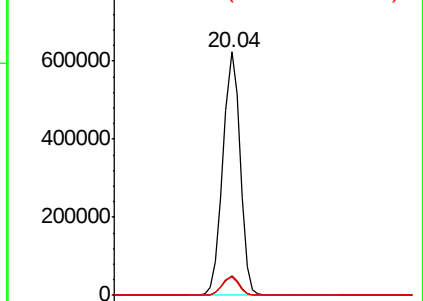
122 7.7 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038616.D

Acq: 15 Dec 2018 22:46

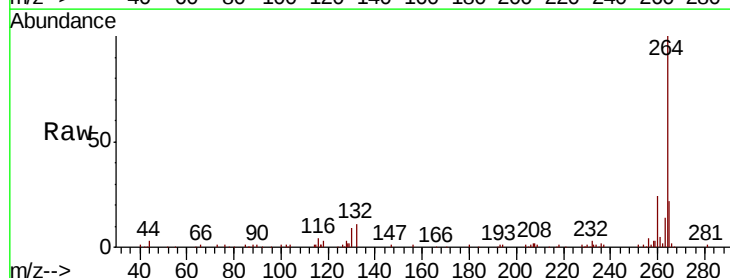
Tgt Ion:264 Resp: 167050

Ion Ratio Lower Upper

264 100

260 24.5 18.9 28.3

265 22.4 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

