

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038530.D
 Acq On : 13 Dec 2018 13:27
 Operator : JU/SJ
 Sample : J6275-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:38:35 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	19297	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	79148	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	54133	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	148768	20.00	ng	0.00
76) Chrysene-d12	21.72	240	158907	20.00	ng	0.00
87) Perylene-d12	25.01	264	169512	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	173904	159.84	ng	0.00
7) Phenol-d6	7.21	99	243980	163.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	158429	102.26	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	125343	168.01	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	379087	96.07	ng	0.00
79) Terphenyl-d14	20.04	244	775880	106.26	ng	0.00

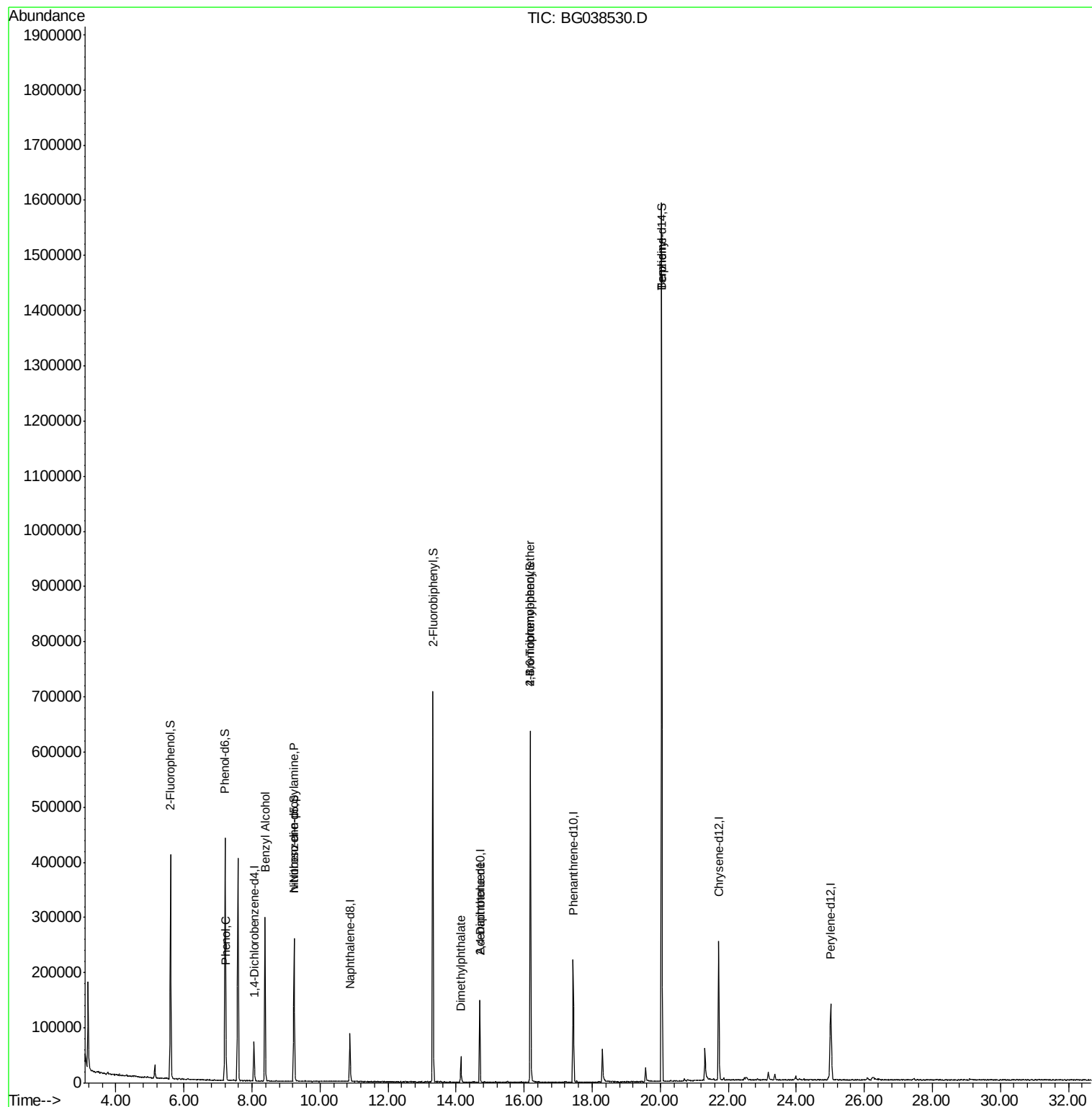
Target Compounds						Qvalue
10) Phenol	7.23	94	16338	10.296	ng	94
15) Benzyl Alcohol	8.38	79	2443	2.096	ng	# 59
19) n-Nitroso-di-n-propylamine	9.23	70	21394	20.394	ng	# 69
50) Dimethylphthalate	14.14	163	35435	8.016	ng	99
57) 2,4-Dinitrotoluene	14.70	165	6958	4.931	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8338	4.589	ng	# 1
77) Benzidine	20.04	184	14043	2.988	ng	# 95

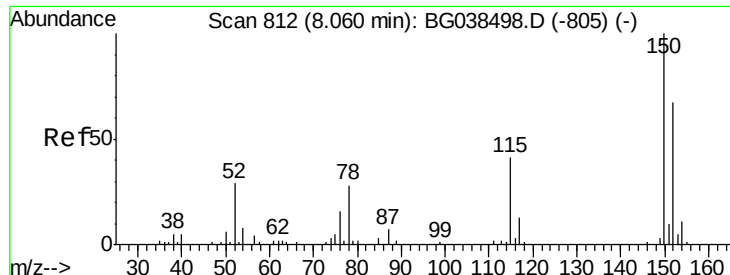
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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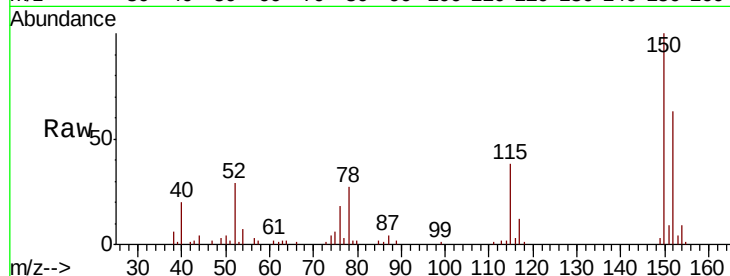


#1

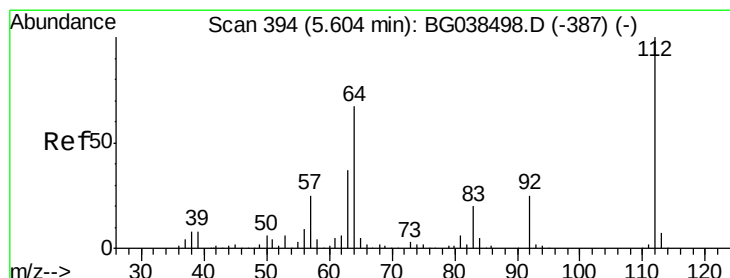
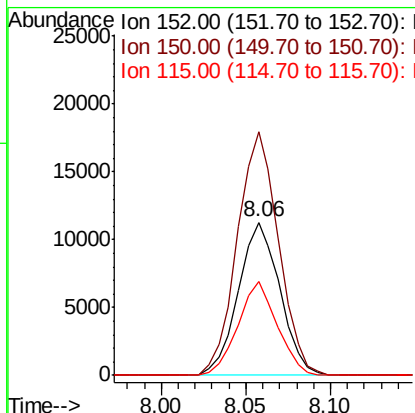
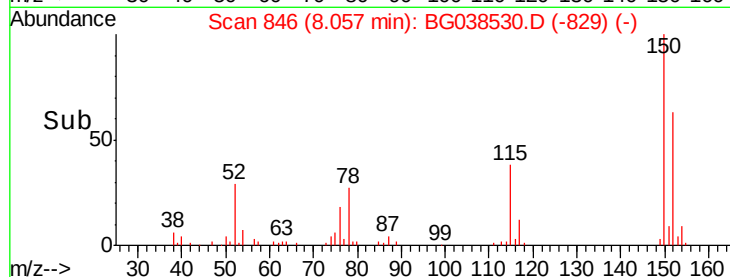
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19297
Ion Ratio Lower Upper
152 100
150 158.9 119.5 179.3
115 61.1 49.6 74.4



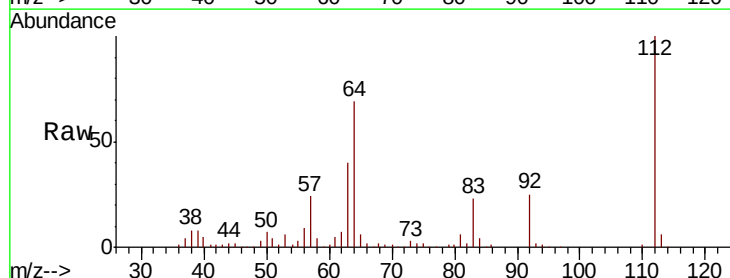
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



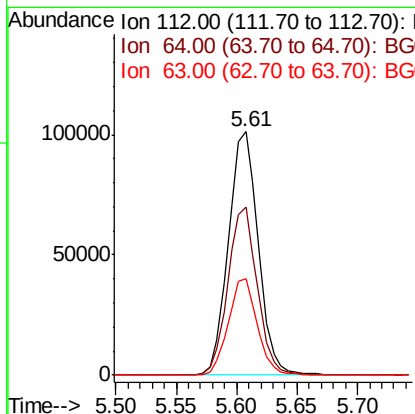
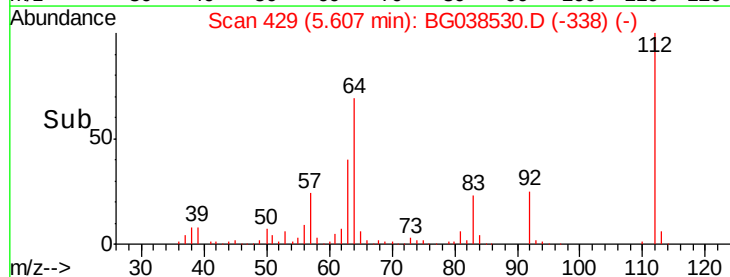
#5

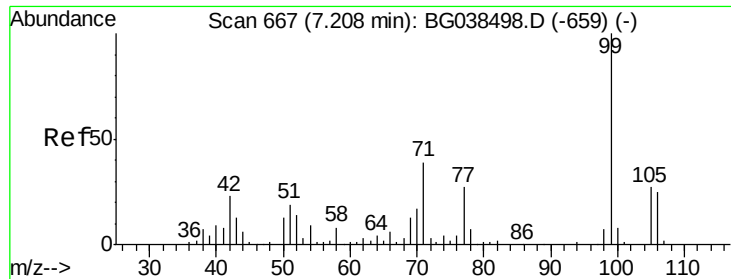
2-Fluorophenol
Concen: 159.841 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Tgt Ion:112 Resp: 173904
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.2
63 39.7 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 163.352 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

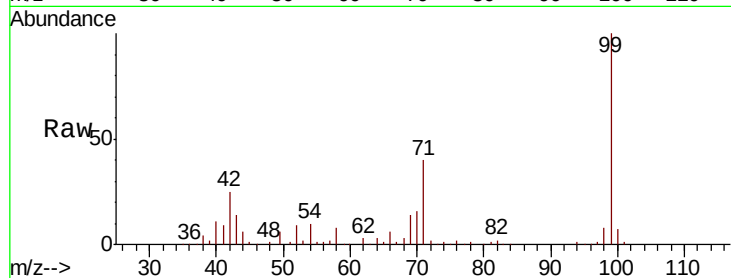
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 243980

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.5	27.7
71	40.1	31.1	46.7

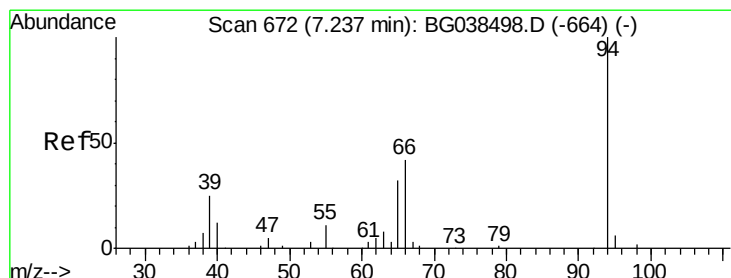
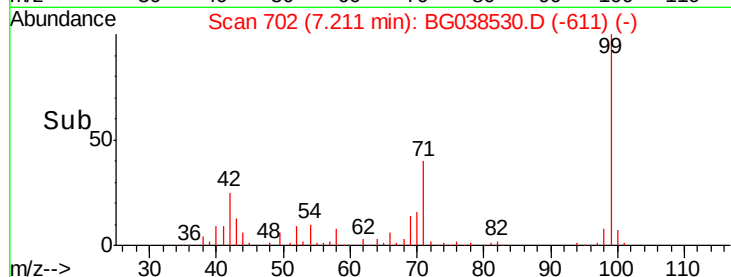
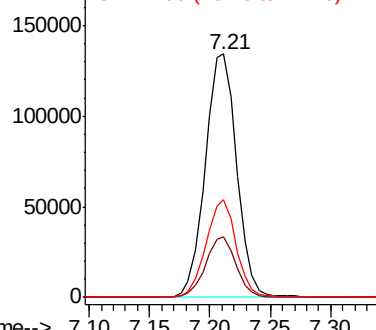


Abundance

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



#10

Phenol

Concen: 10.296 ng

RT: 7.23 min Scan# 706

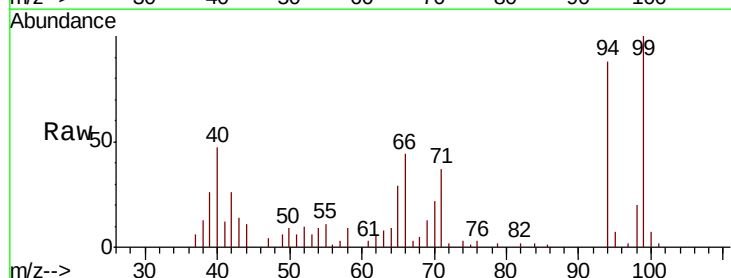
Delta R.T. -0.00 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

Tgt Ion: 94 Resp: 16338

Ion	Ratio	Lower	Upper
94	100		
65	33.4	12.6	52.6
66	50.3	24.1	64.1

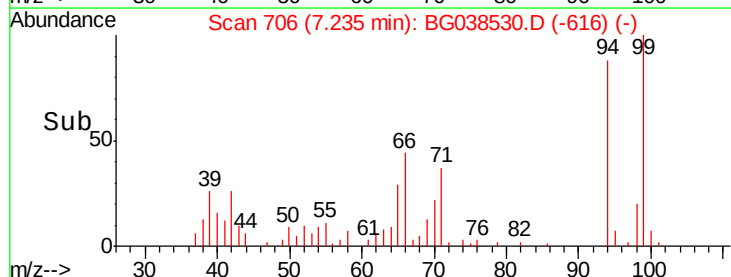
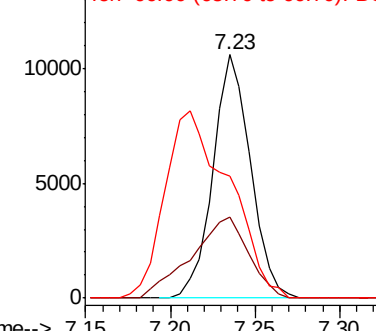


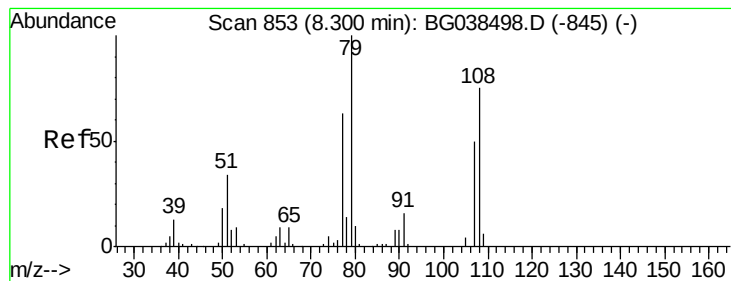
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.096 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

Instrument :

BNA_G

ClientSampleId :

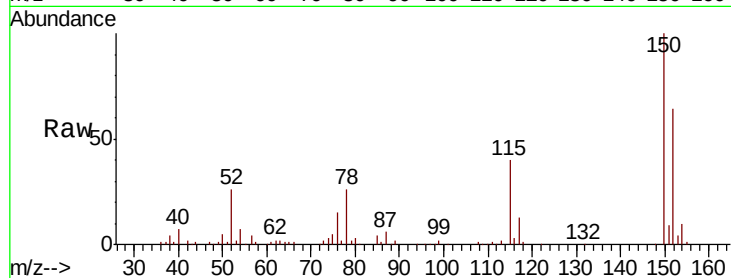
Tot Ion: 79 Resp: 2443

Ion Ratio Lower Upper

79 100

108 32.9 60.2 90.4#

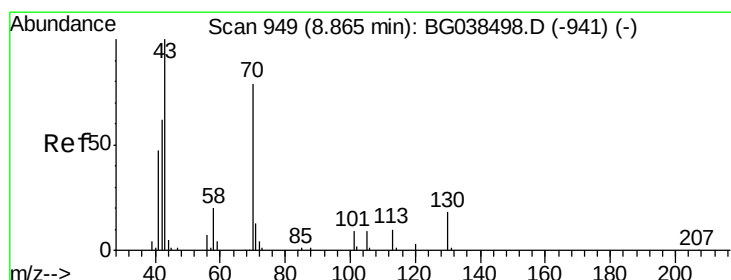
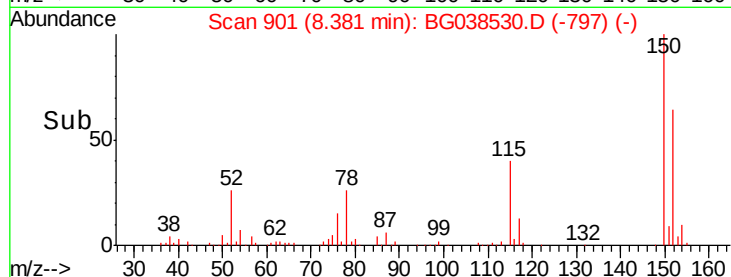
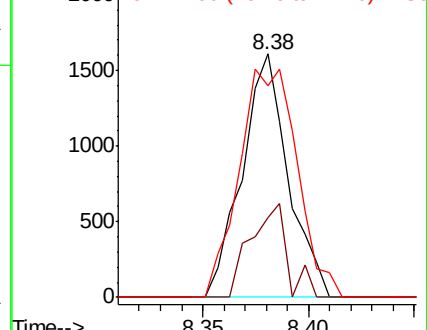
77 87.0 50.7 76.1#



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: 20.394 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

Tgt Ion: 70 Resp: 21394

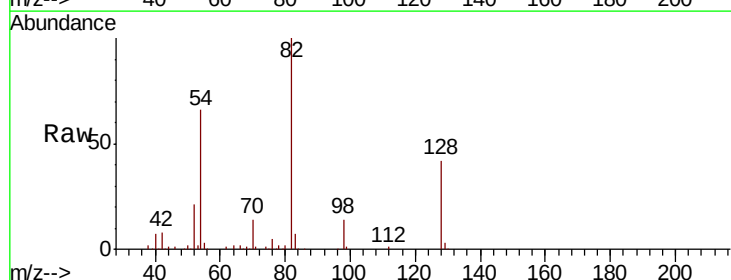
Ion Ratio Lower Upper

70 100

42 55.3 63.6 95.4#

101 0.0 9.2 13.8#

130 2.4 18.5 27.7#

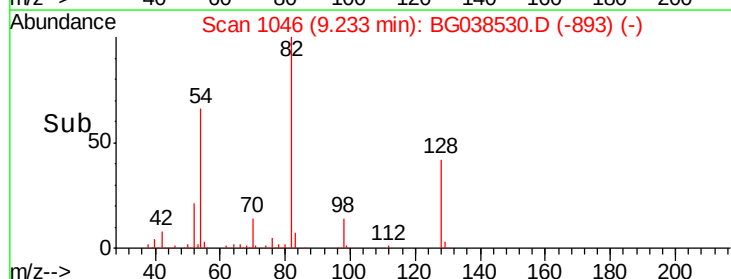
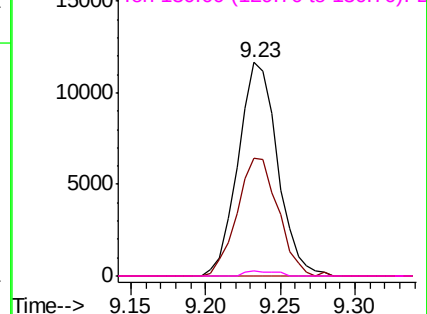


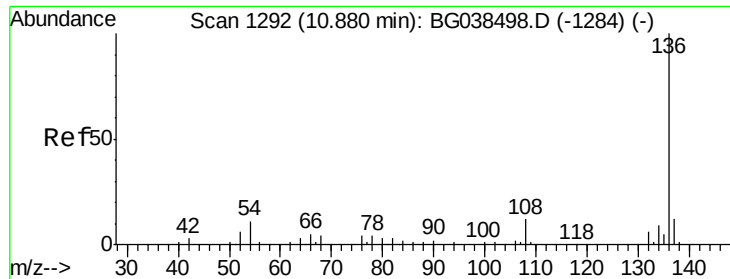
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

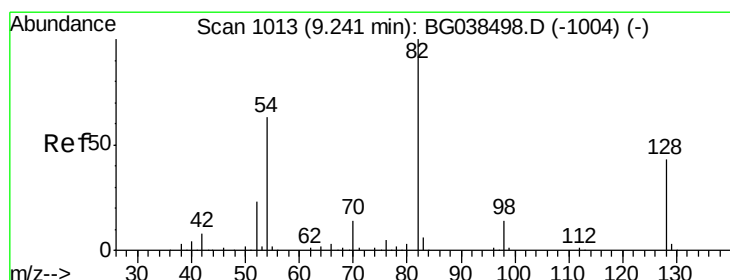
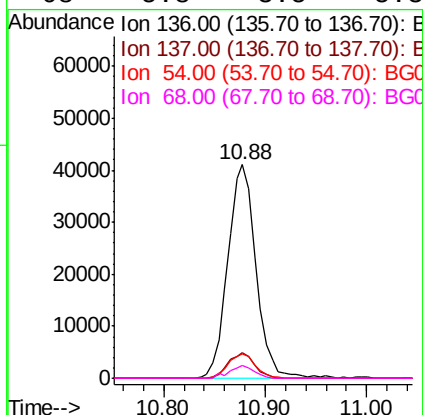
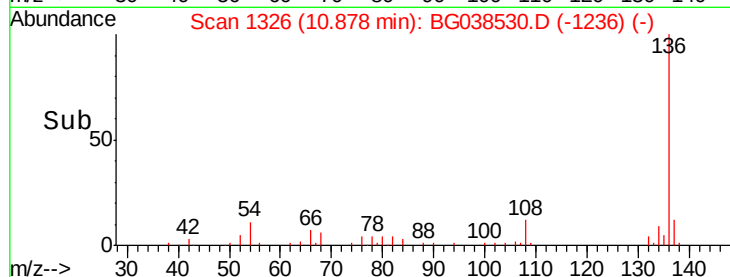
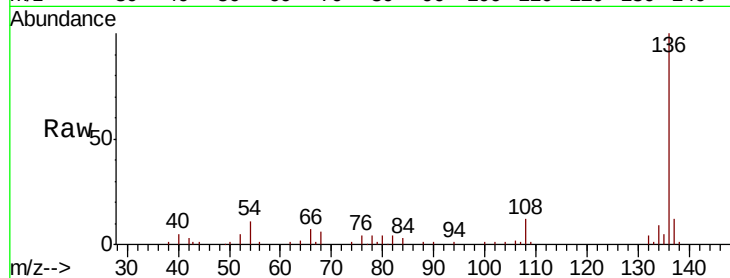




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

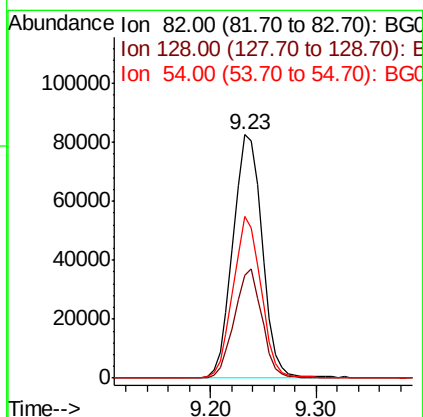
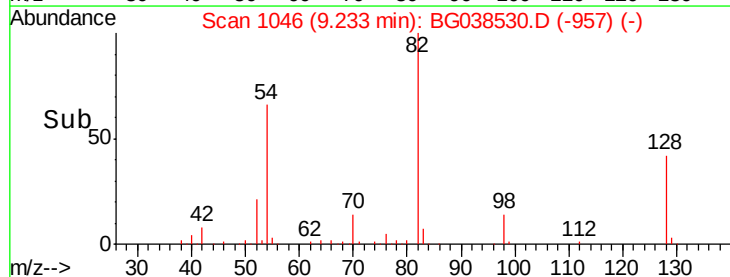
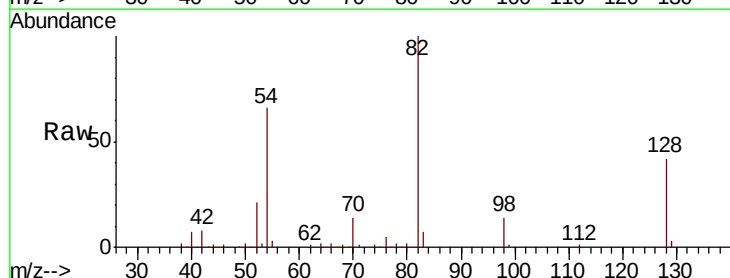
Instrument :
BNA_G
ClientSampleId :

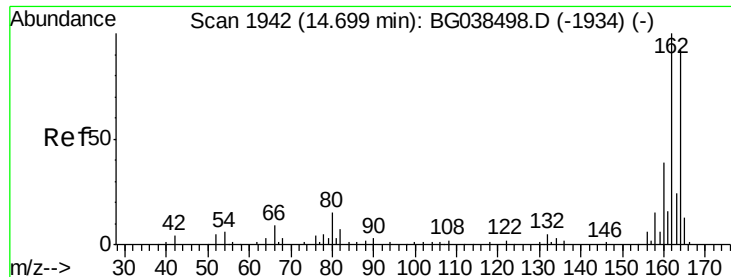
Tot Ion:136	Resp:	79148
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.3 13.9
54	11.5	8.5 12.7
68	5.8	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 102.260 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Tgt Ion: 82	Resp:	158429
Ion Ratio	Lower	Upper
82	100	
128	42.2	34.6 52.0
54	66.4	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: BG038530.D

Acq: 13 Dec 2018 13:27

Instrument :

BNA_G

ClientSampleId :

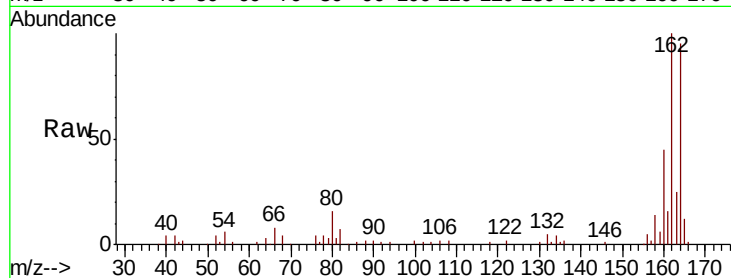
Tot Ion:164 Resp: 54133

Ion Ratio Lower Upper

164 100

162 104.8 86.6 130.0

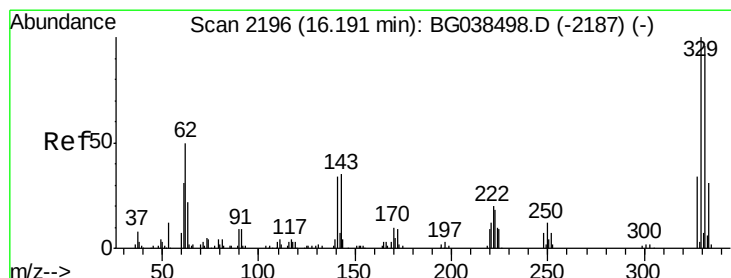
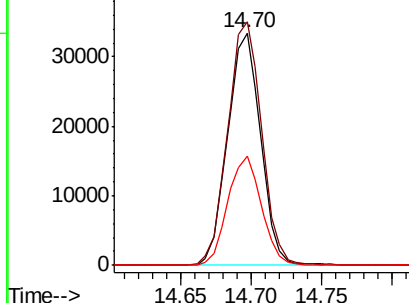
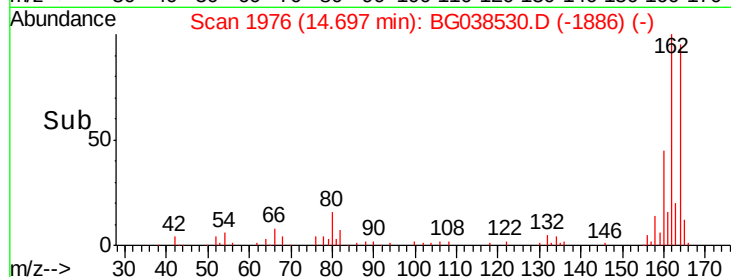
160 47.2 34.2 51.2



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: 168.009 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

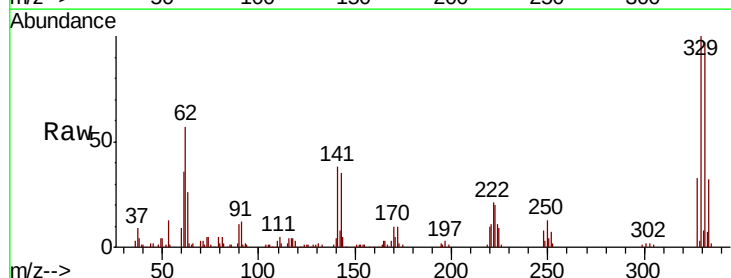
Tgt Ion:330 Resp: 125343

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

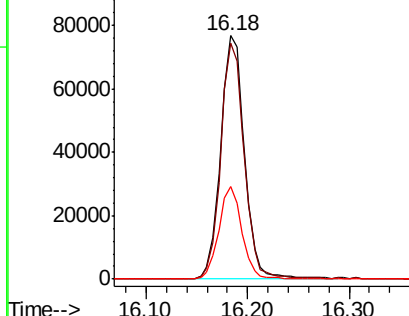
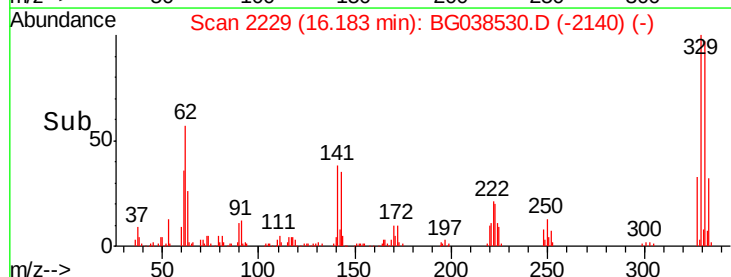
141 36.9 28.8 43.2

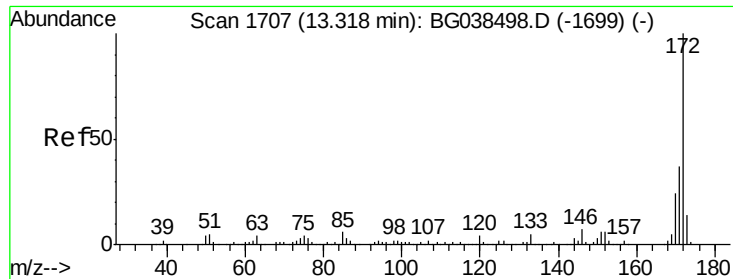


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

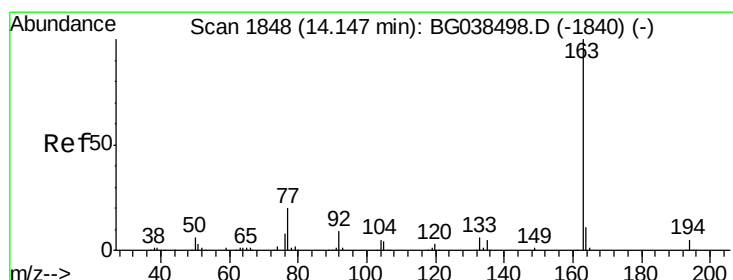
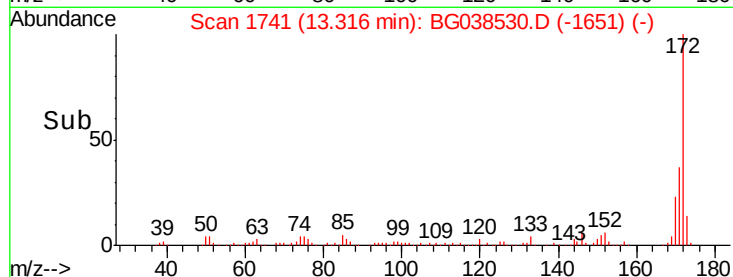
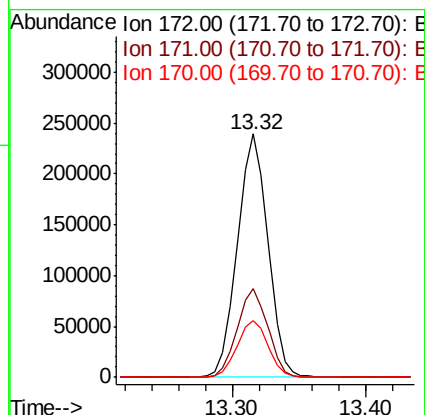
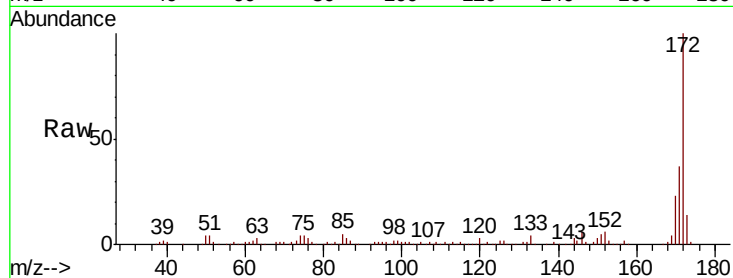




#45
2-Fluorobiphenyl
Concen: 96.069 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

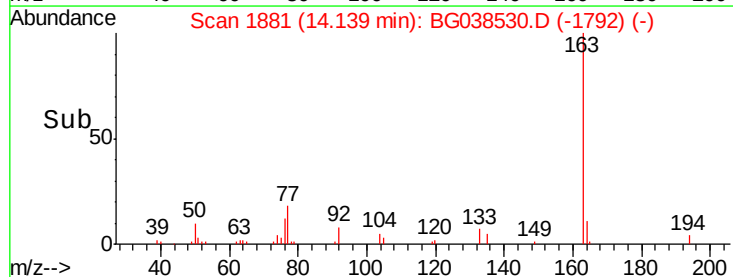
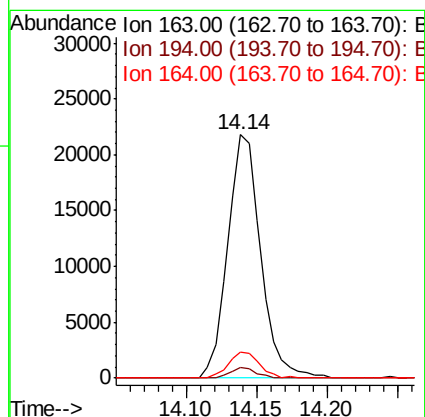
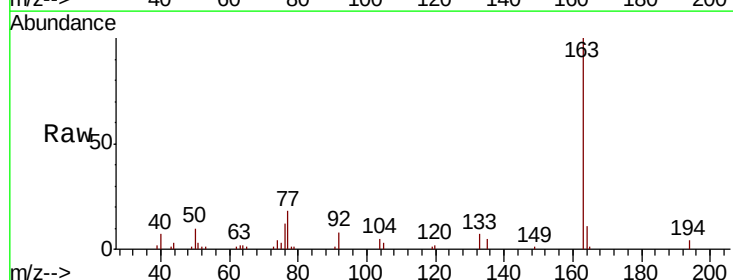
Instrument :
BNA_G
ClientSampleId :

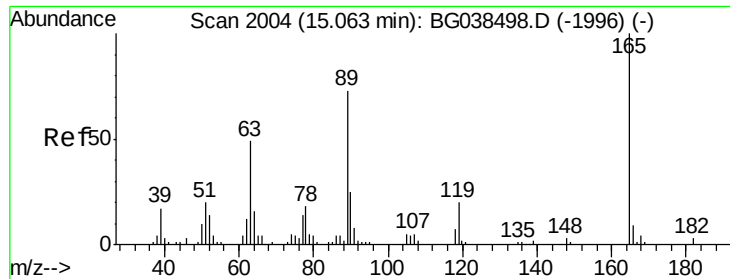
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	23.3	19.5	29.3



#50
Dimethylphthalate
Concen: 8.016 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.6	8.6	12.8

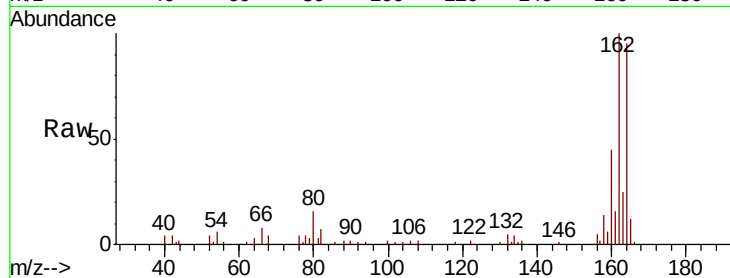




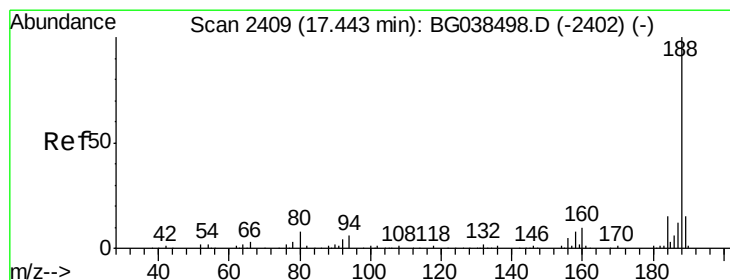
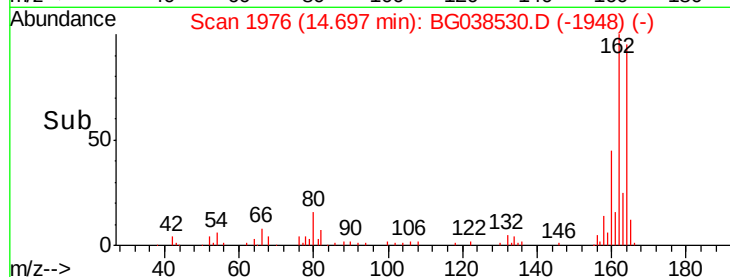
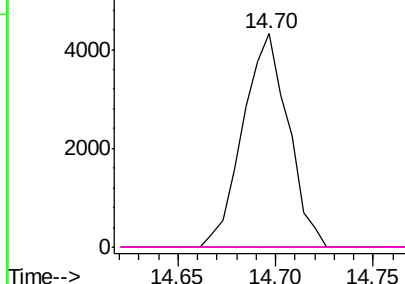
#57
 2,4-Dinitrotoluene
 Concen: 4.931 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038530.D
 Acq: 13 Dec 2018 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	6958
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#

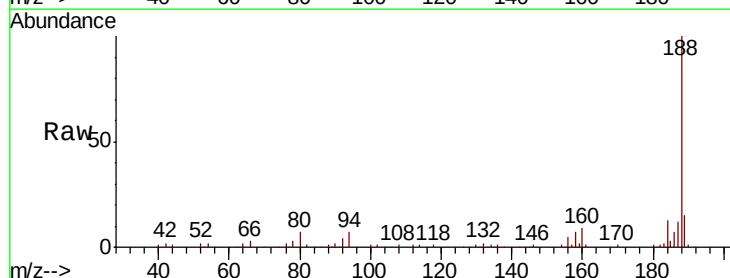


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

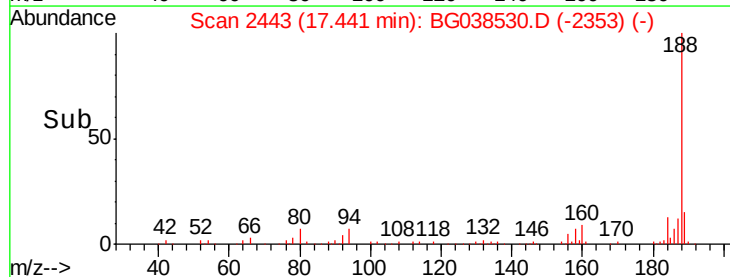
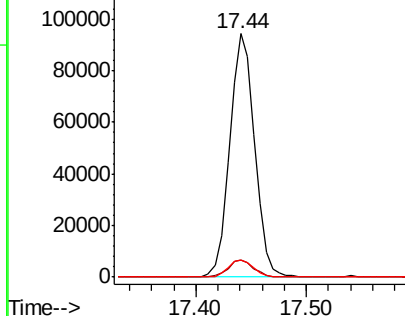


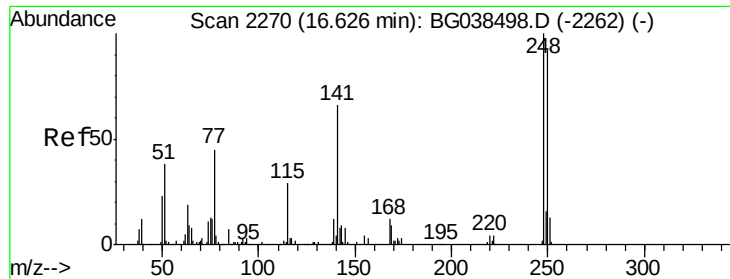
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038530.D
 Acq: 13 Dec 2018 13:27

Tgt Ion:188	Resp:	148768
Ion Ratio	Lower	Upper
188	100	
94	7.2	5.1 7.7
80	6.9	6.1 9.1



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

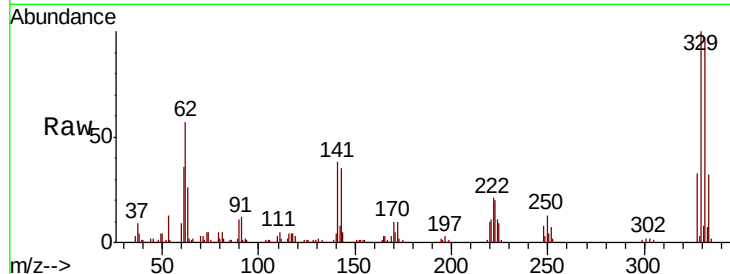




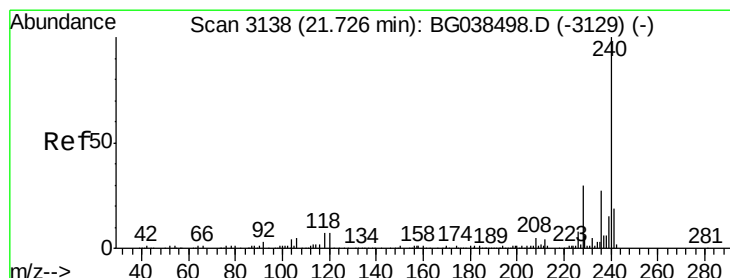
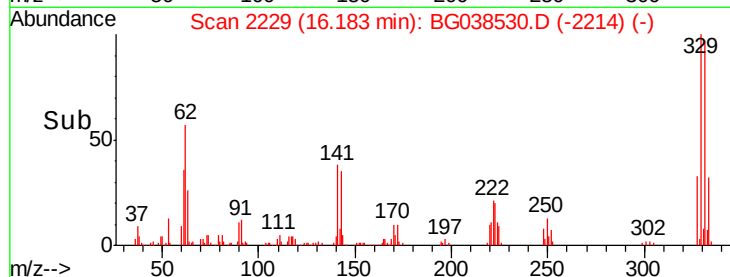
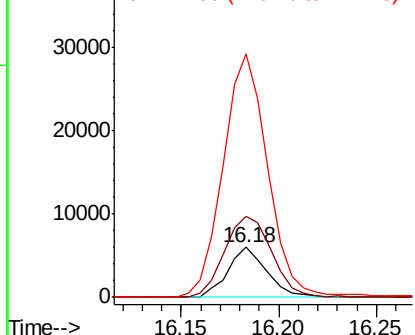
#67
4-Bromophenyl-phenylether
Concen: 4.589 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 8338
Ion Ratio Lower Upper
248 100
250 164.0 73.4 110.2#
141 369.1 52.9 79.3#

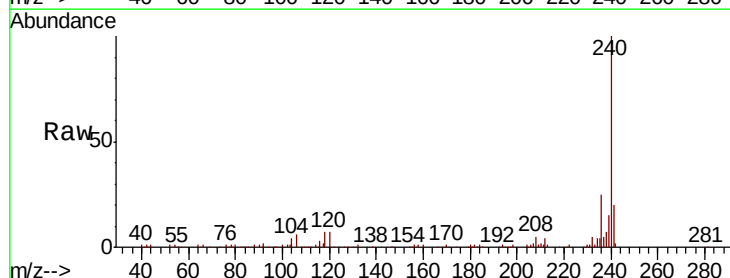


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

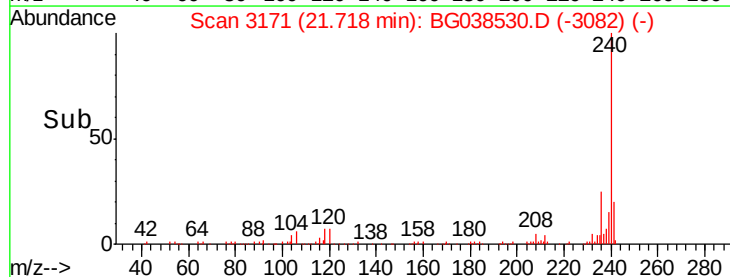
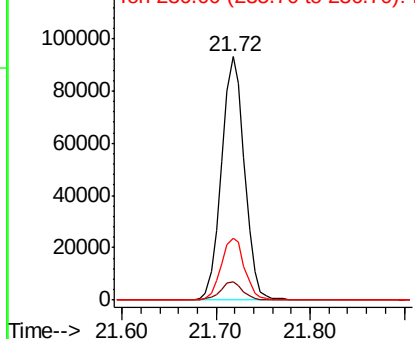


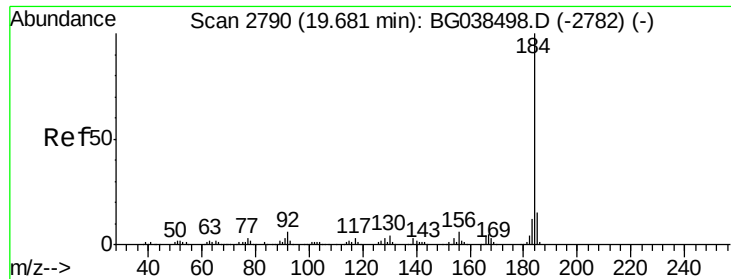
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038530.D
Acq: 13 Dec 2018 13:27

Tgt Ion:240 Resp: 158907
Ion Ratio Lower Upper
240 100
120 7.4 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





#77

Benzidine

Concen: 2.988 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

Instrument :

BNA_G

ClientSampled :

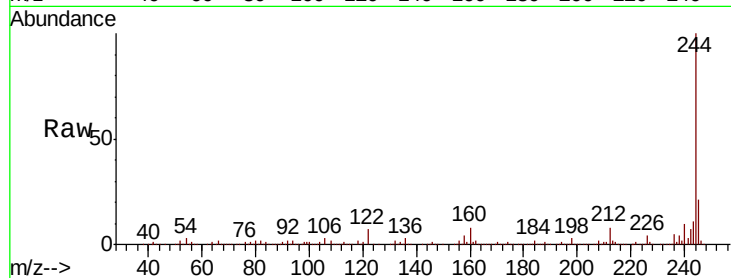
Tot Ion:184 Resp: 14043

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

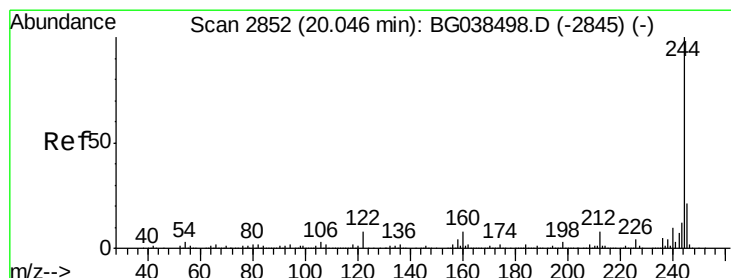
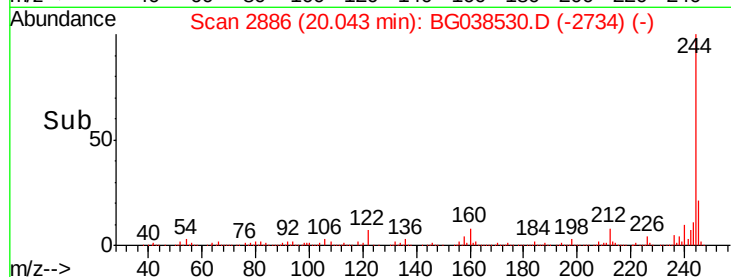
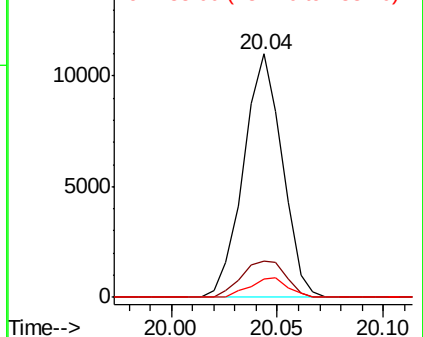
183 7.6 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 106.262 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038530.D

Acq: 13 Dec 2018 13:27

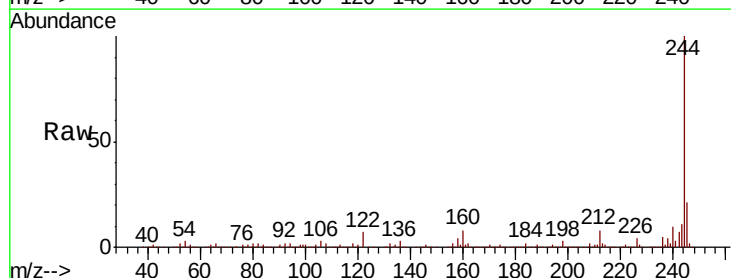
Tgt Ion:244 Resp: 775880

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

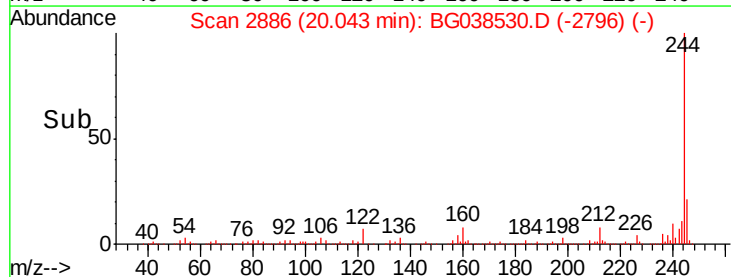
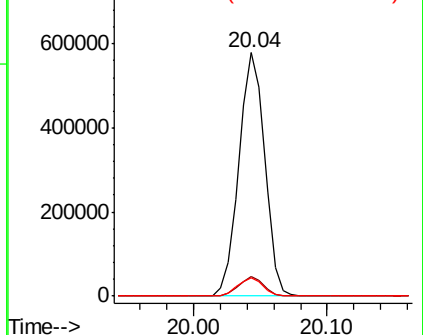
122 7.4 6.3 9.5

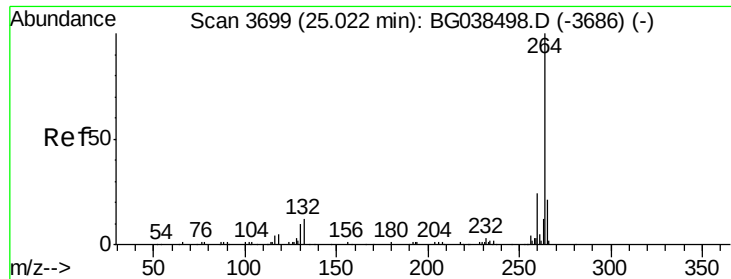


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

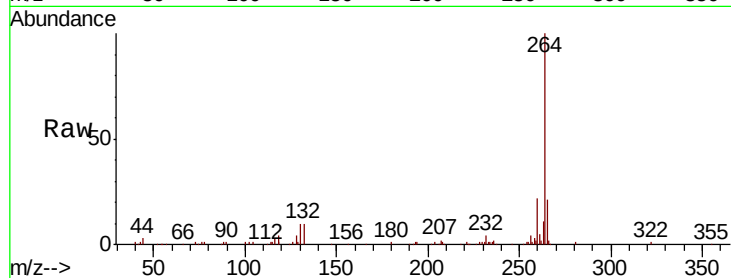




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038530.D
 Acq: 13 Dec 2018 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	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

