

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038532.D
 Acq On : 13 Dec 2018 14:46
 Operator : JU/SJ
 Sample : J6275-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:38:54 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	19293	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	82290	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	53907	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150895	20.00	ng	0.00
76) Chrysene-d12	21.72	240	159369	20.00	ng	0.00
87) Perylene-d12	25.02	264	171025	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	185541	170.57	ng	0.00
7) Phenol-d6	7.21	99	253989	170.09	ng	0.00
23) Nitrobenzene-d5	9.23	82	165175	102.54	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	127010	170.96	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	380040	96.71	ng	0.00
79) Terphenyl-d14	20.05	244	759912	103.77	ng	0.00

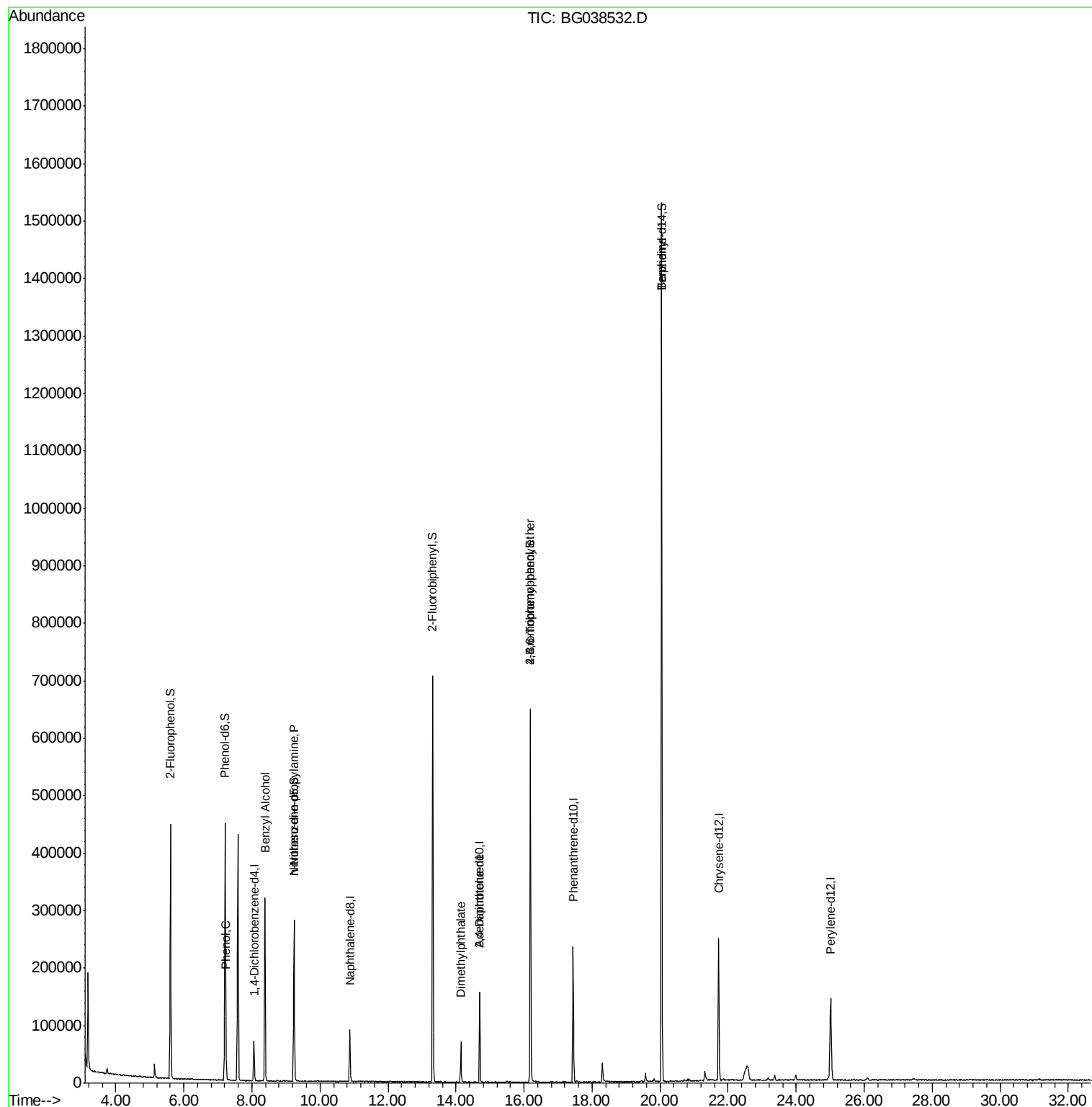
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.24	94	16794	10.586	ng	93
15) Benzyl Alcohol	8.38	79	2344	2.011	ng	# 31
19) n-Nitroso-di-n-propylamine	9.23	70	21798	20.784	ng	# 68
50) Dimethylphthalate	14.14	163	50595	11.493	ng	97
57) 2,4-Dinitrotoluene	14.69	165	7466	5.313	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8283	4.495	ng	# 1
77) Benzidine	20.05	184	13719	2.911	ng	# 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038532.D
Acq On : 13 Dec 2018 14:46
Operator : JU/SJ
Sample : J6275-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 13 16:38:54 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



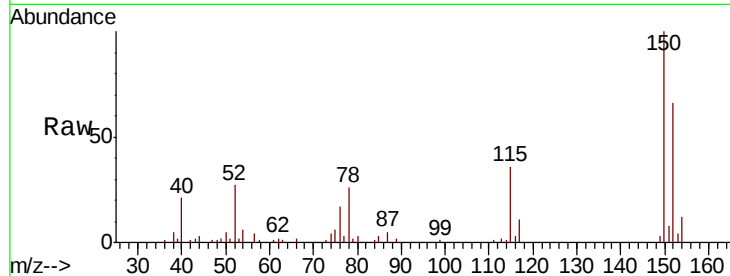


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038532.D
Acq: 13 Dec 2018 14:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	55.3	49.6	74.4

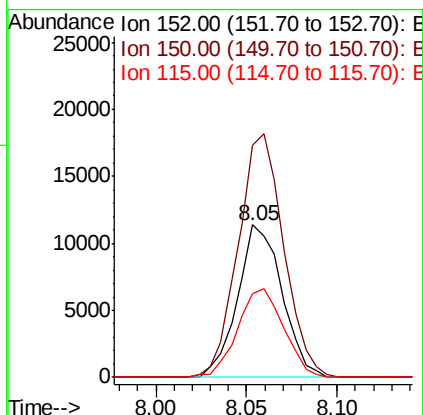
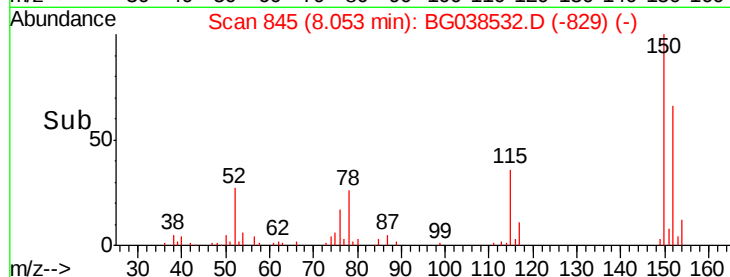


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

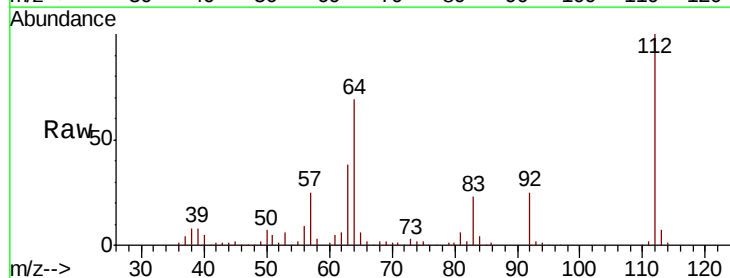
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 170.572 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038532.D
Acq: 13 Dec 2018 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.4	80.2
63	38.1	29.3	43.9

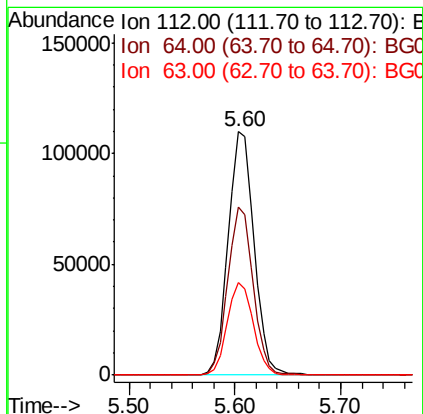
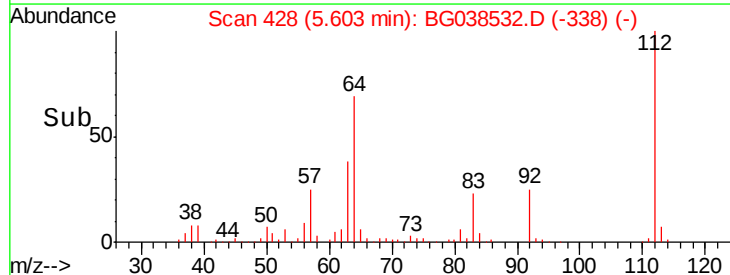


Abundance

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: 170.088 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038532.D

Acq: 13 Dec 2018 14:46

Instrument :

BNA_G

ClientSampleId :

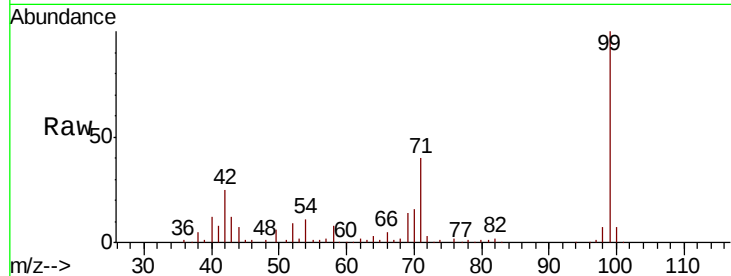
Tot Ion: 99 Resp: 253989

Ion Ratio Lower Upper

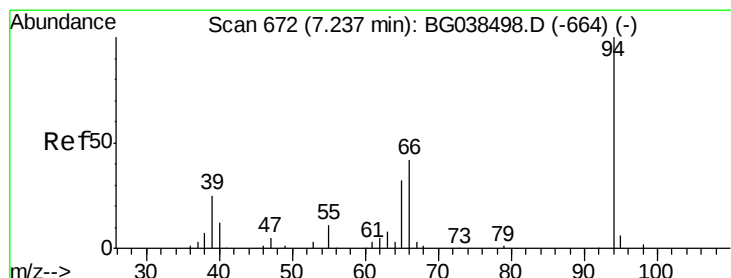
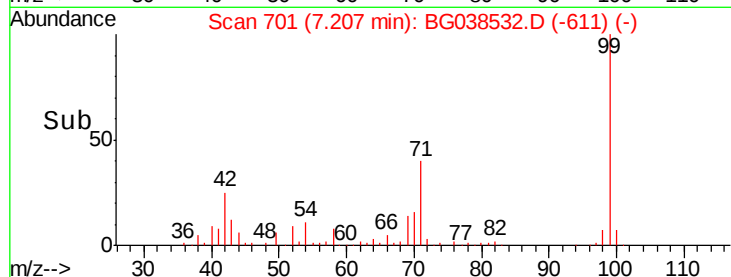
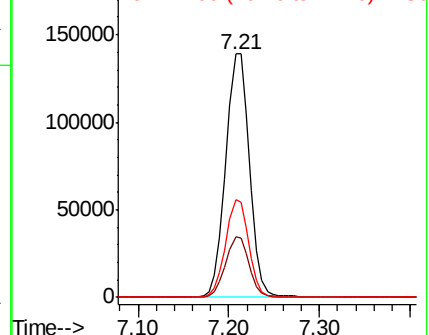
99 100

42 24.6 18.5 27.7

71 39.9 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



#10

Phenol

Concen: 10.586 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038532.D

Acq: 13 Dec 2018 14:46

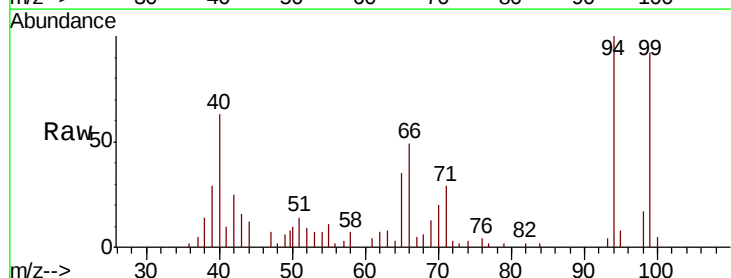
Tgt Ion: 94 Resp: 16794

Ion Ratio Lower Upper

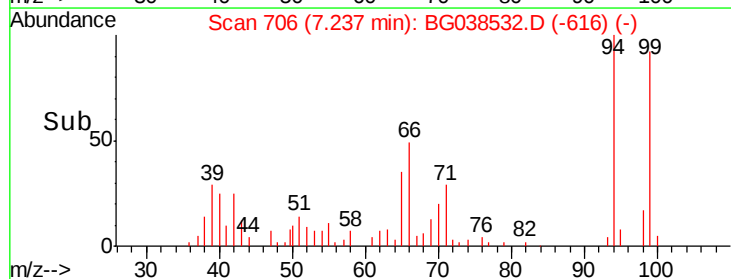
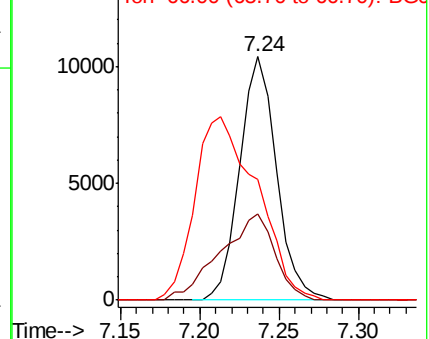
94 100

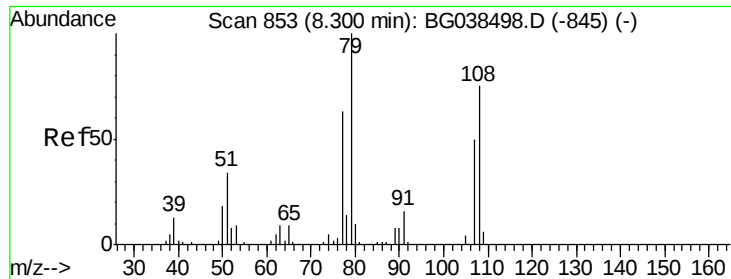
65 35.4 12.6 52.6

66 49.3 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: 2.011 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038532.D

Acq: 13 Dec 2018 14:46

Instrument :

BNA_G

ClientSampled :

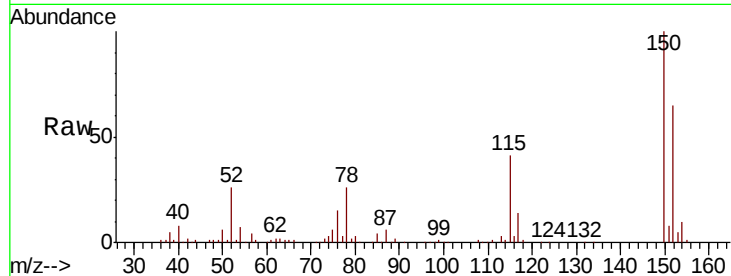
Tot Ion: 79 Resp: 2344

Ion Ratio Lower Upper

79 100

108 38.5 60.2 90.4#

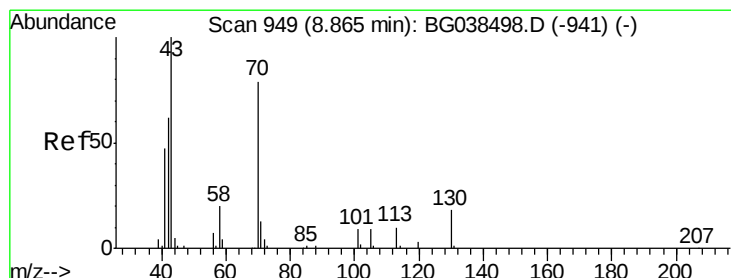
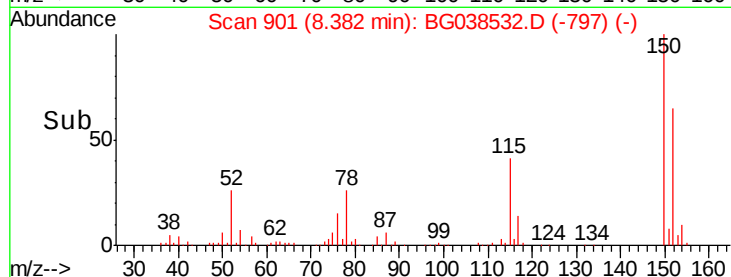
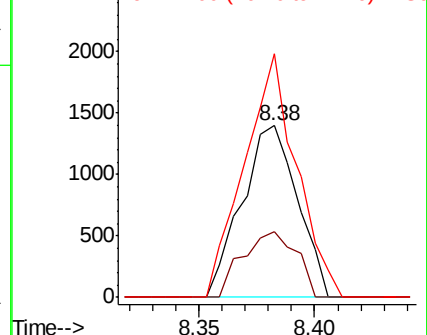
77 141.7 50.7 76.1#



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: 20.784 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038532.D

Acq: 13 Dec 2018 14:46

Tgt Ion: 70 Resp: 21798

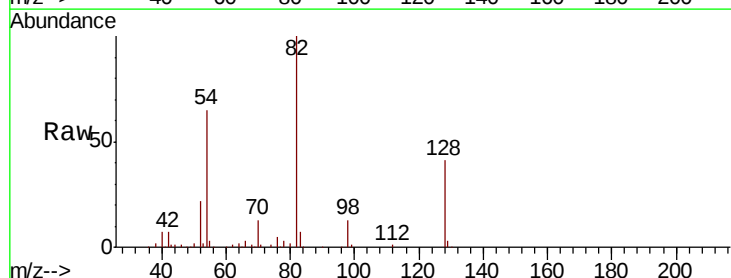
Ion Ratio Lower Upper

70 100

42 53.7 63.6 95.4#

101 0.0 9.2 13.8#

130 2.4 18.5 27.7#

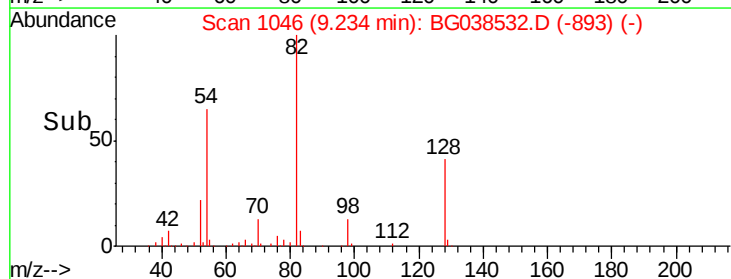
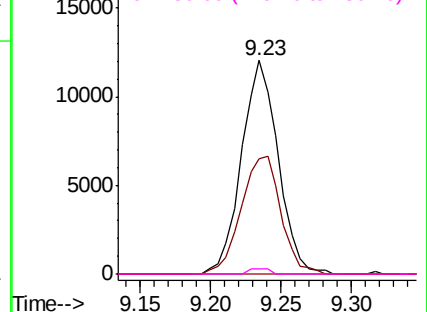


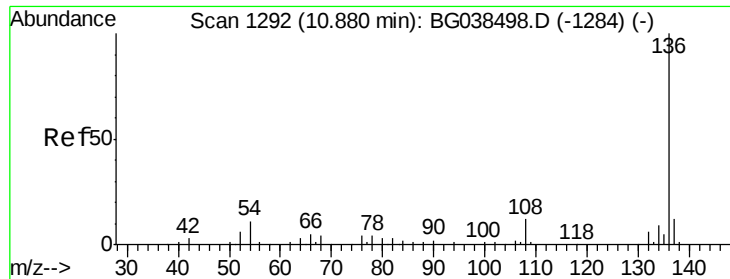
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

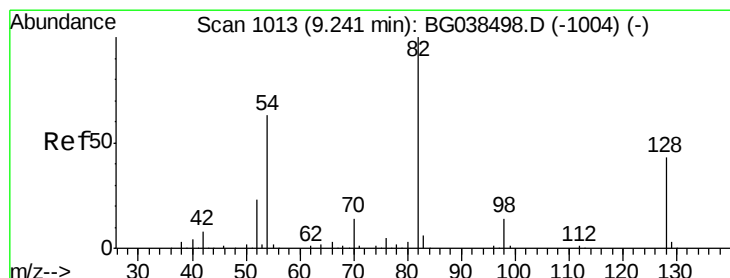
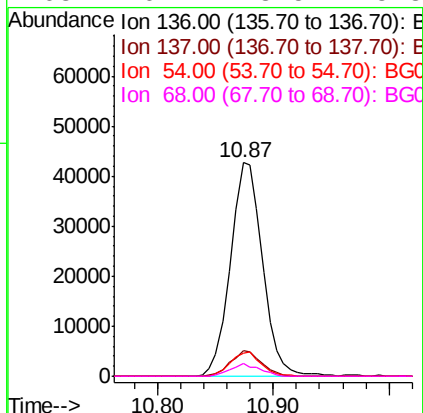
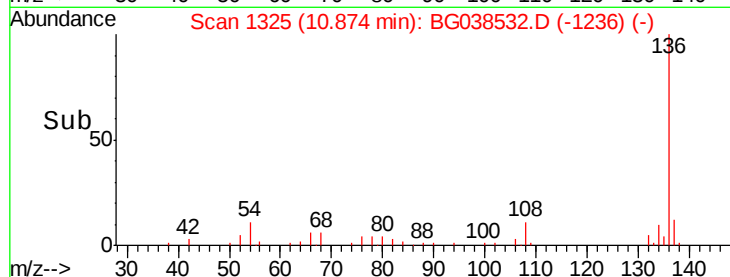
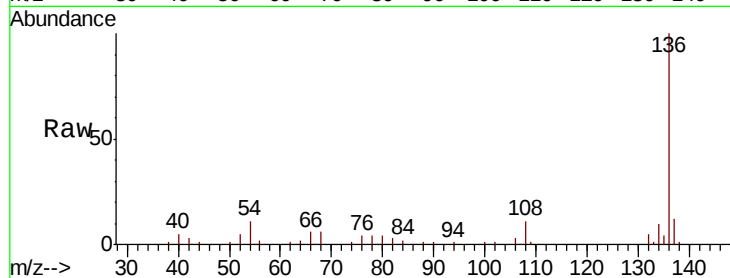




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038532.D
Acq: 13 Dec 2018 14:46

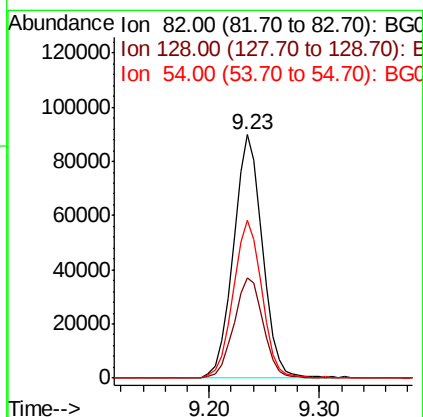
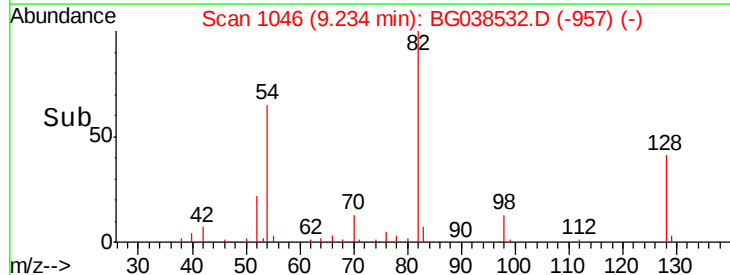
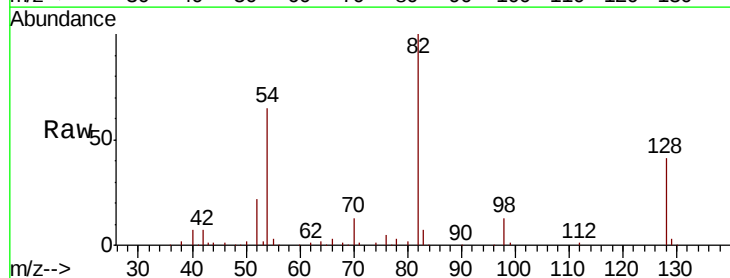
Instrument :
BNA_G
ClientSampleId :

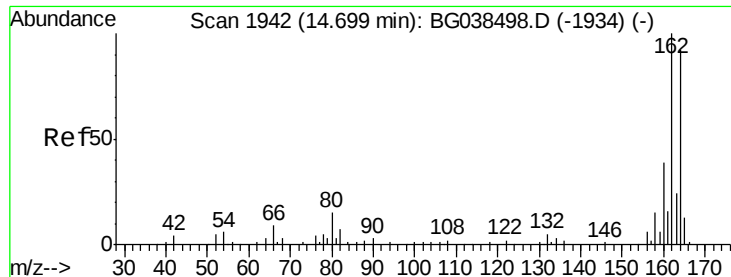
Tot Ion:	136	Resp:	82290
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	10.5	8.5	12.7
68	6.1	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 102.544 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038532.D
Acq: 13 Dec 2018 14:46

Tgt Ion:	82	Resp:	165175
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	64.9	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: BG038532.D

Acq: 13 Dec 2018 14:46

Instrument :

BNA_G

ClientSampleId :

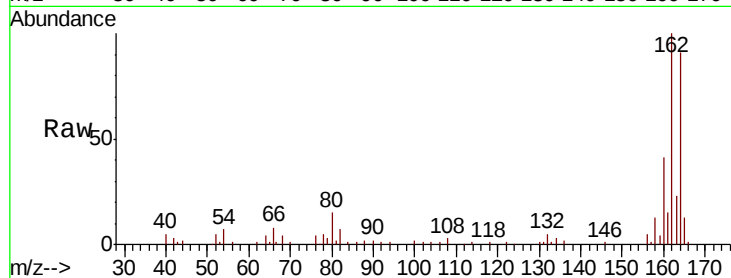
Tot Ion:164 Resp: 53907

Ion Ratio Lower Upper

164 100

162 110.1 86.6 130.0

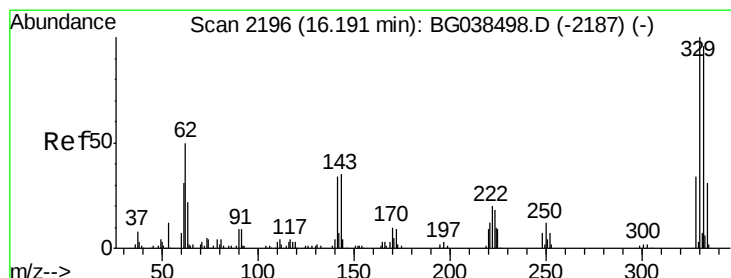
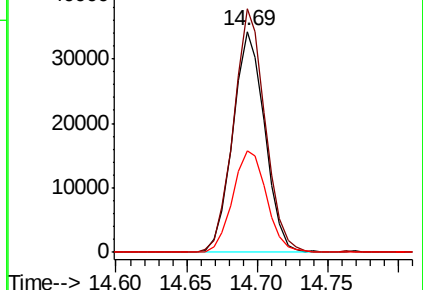
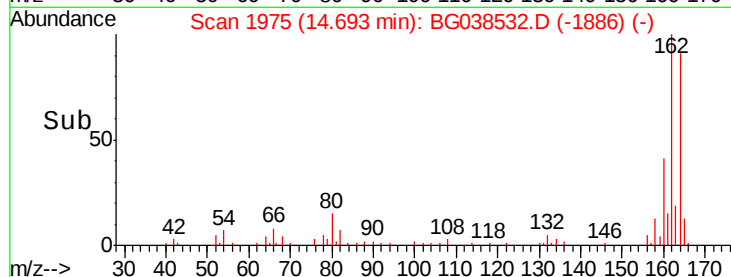
160 45.7 34.2 51.2



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: 170.957 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038532.D

Acq: 13 Dec 2018 14:46

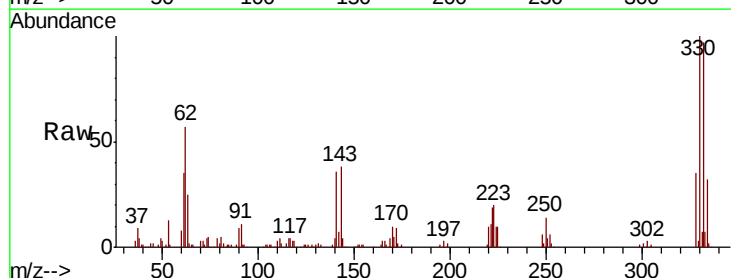
Tgt Ion:330 Resp: 127010

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

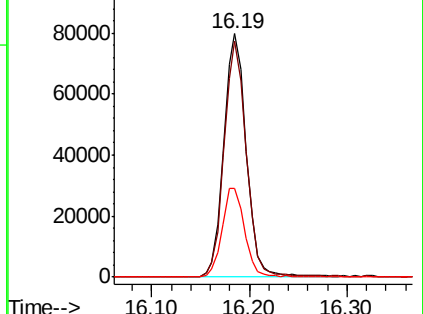
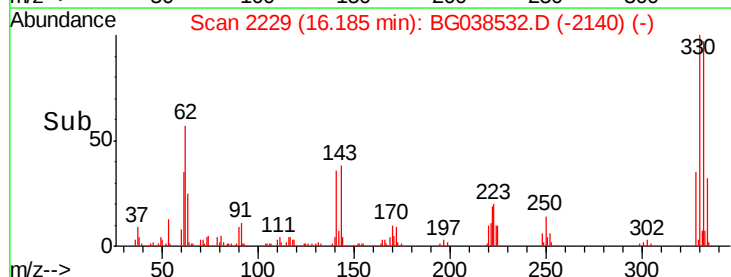
141 37.0 28.8 43.2

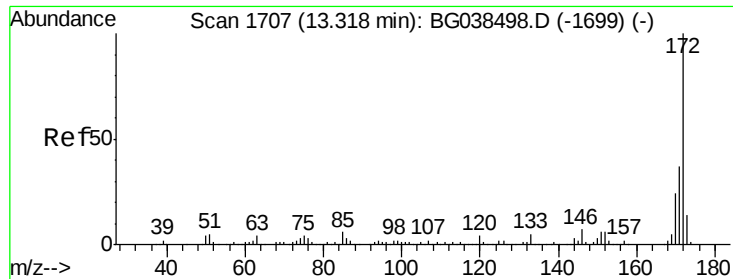


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

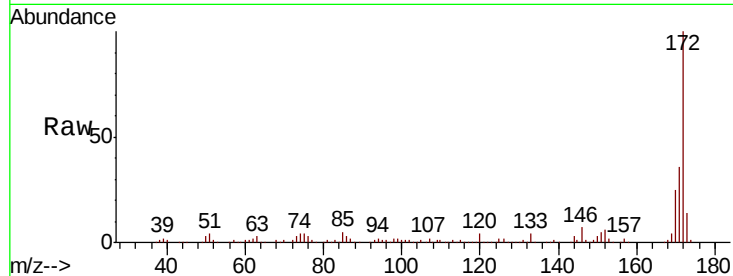




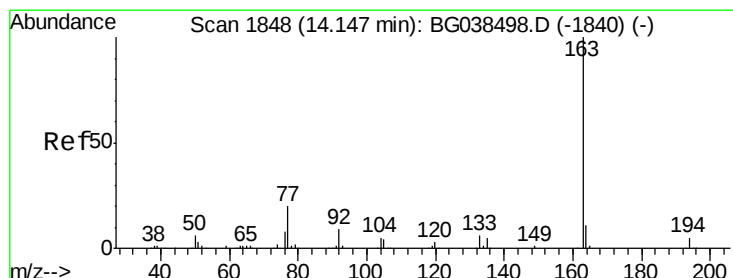
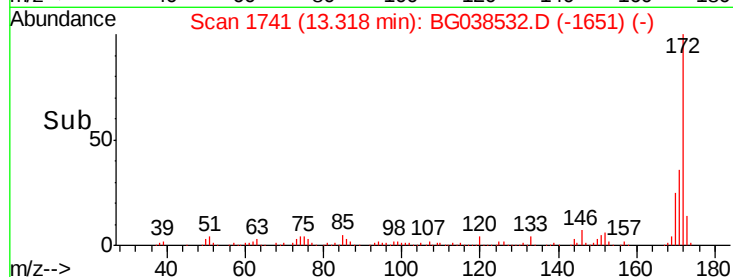
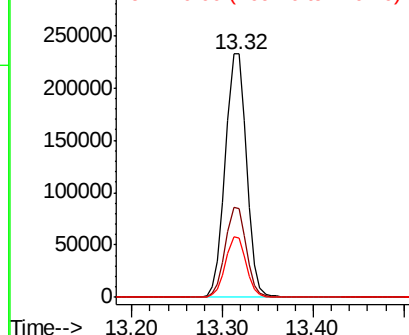
#45
2-Fluorobiphenyl
Concen: 96.714 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038532.D
Acq: 13 Dec 2018 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 380040
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.6 19.5 29.3

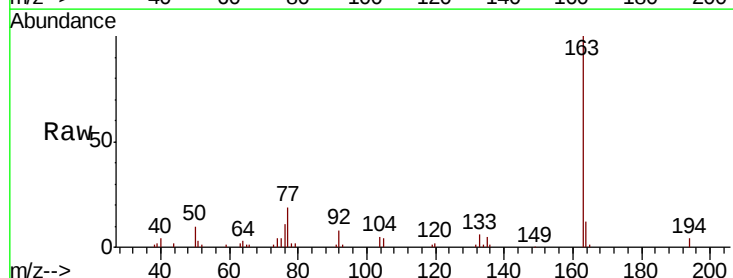


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

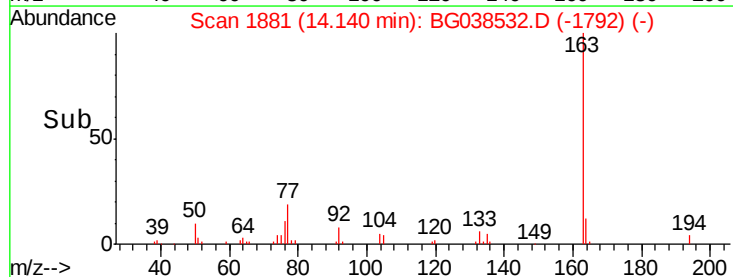
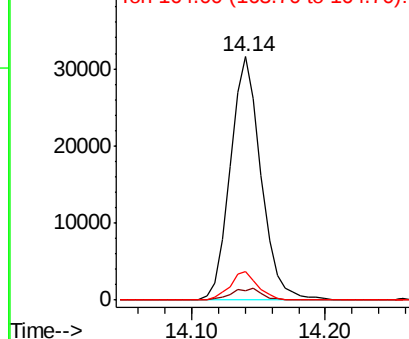


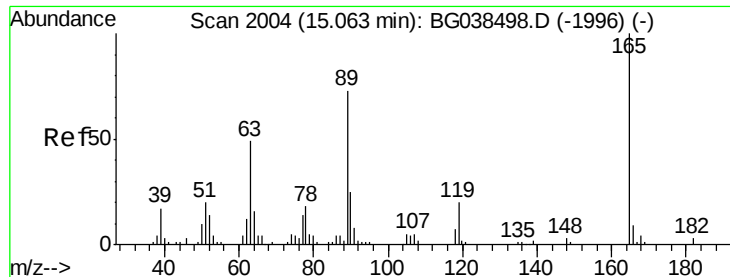
#50
Dimethylphthalate
Concen: 11.493 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038532.D
Acq: 13 Dec 2018 14:46

Tgt Ion:163 Resp: 50595
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 11.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

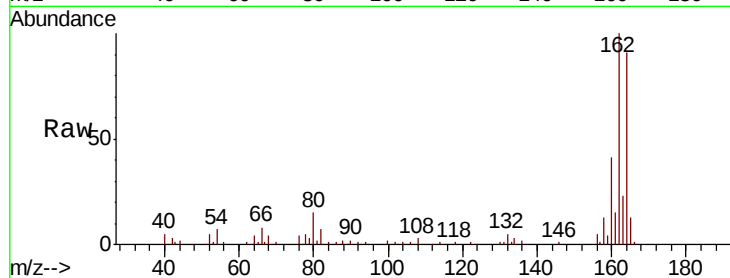




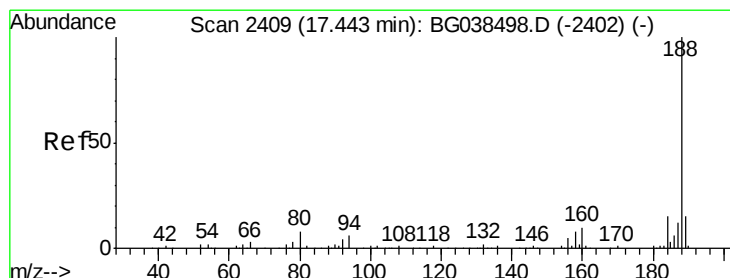
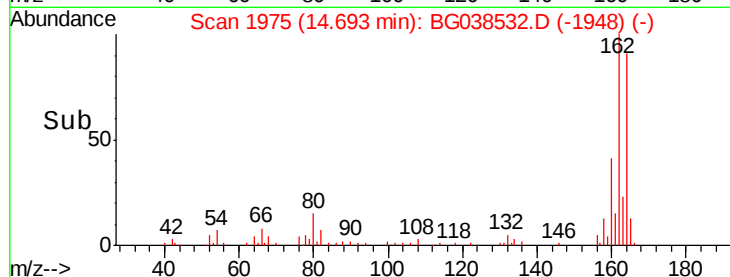
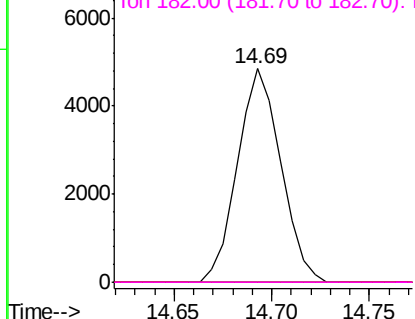
#57
 2,4-Dinitrotoluene
 Concen: 5.313 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038532.D
 Acq: 13 Dec 2018 14:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	7466
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#

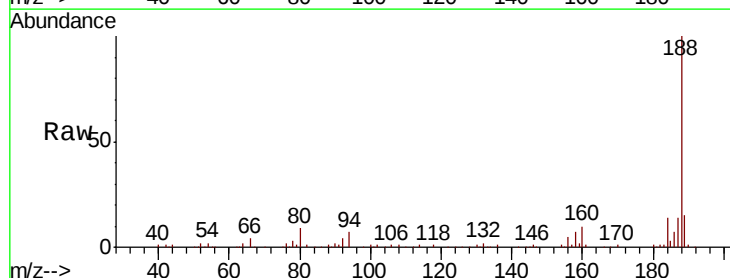


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

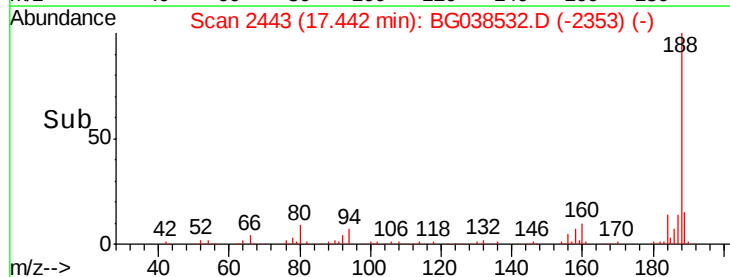
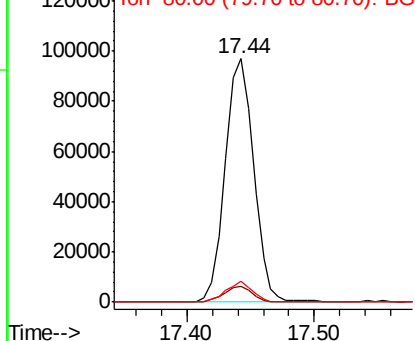


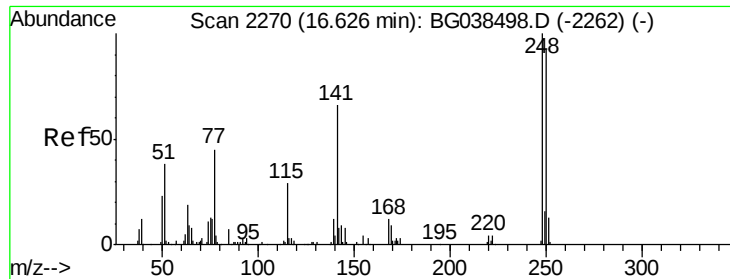
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038532.D
 Acq: 13 Dec 2018 14:46

Tgt Ion:188	Resp:	150895
Ion Ratio	Lower	Upper
188	100	
94	6.6	5.1 7.7
80	8.5	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

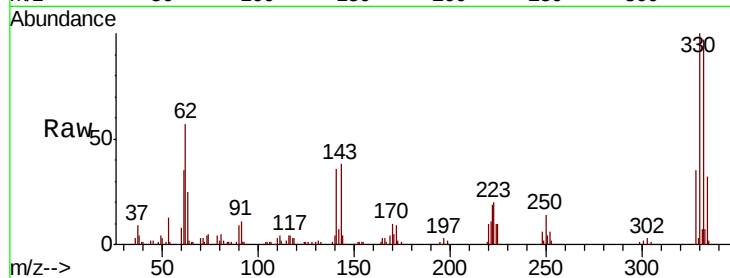




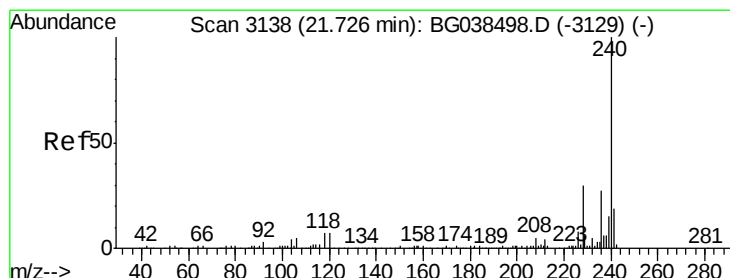
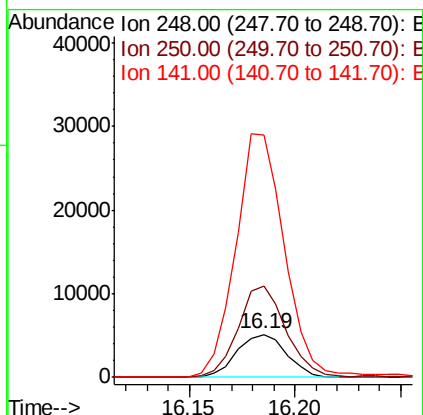
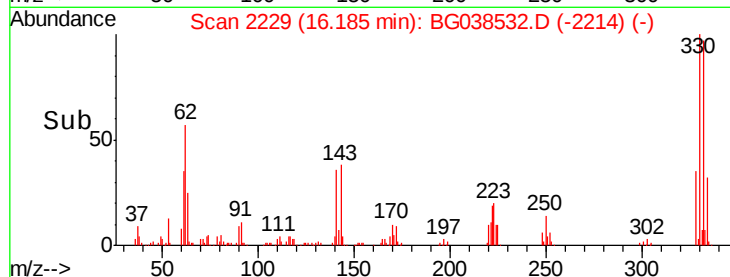
#67
 4-Bromophenyl-phenylether
 Concen: 4.495 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038532.D
 Acq: 13 Dec 2018 14:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8283
 Ion Ratio Lower Upper
 248 100
 250 209.1 73.4 110.2#
 141 422.2 52.9 79.3#

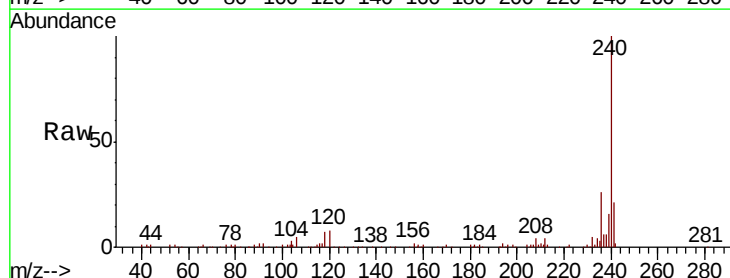


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

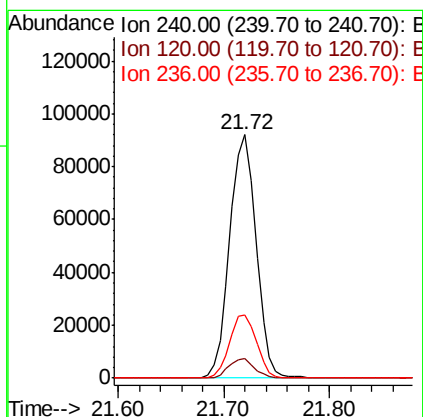
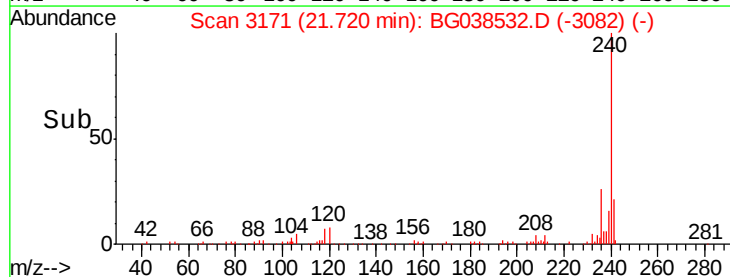


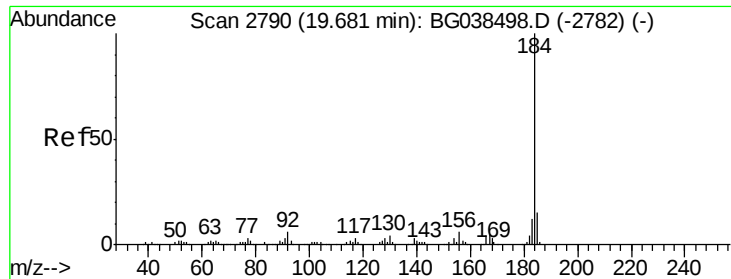
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038532.D
 Acq: 13 Dec 2018 14:46

Tgt Ion:240 Resp: 159369
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.3 7.9#
 236 26.0 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: 2.911 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038532.D

Acq: 13 Dec 2018 14:46

Instrument :

BNA_G

ClientSampleId :

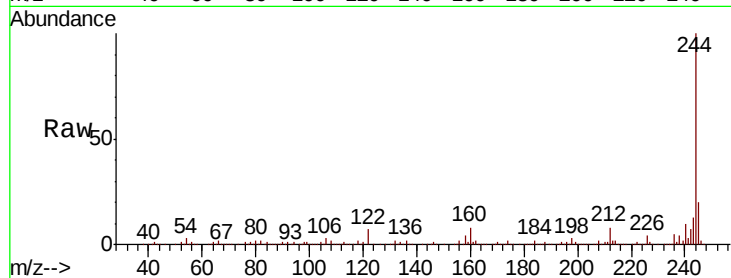
Tot Ion:184 Resp: 13719

Ion Ratio Lower Upper

184 100

185 17.1 12.2 18.2

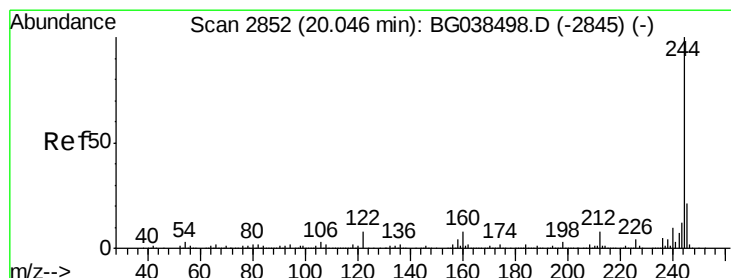
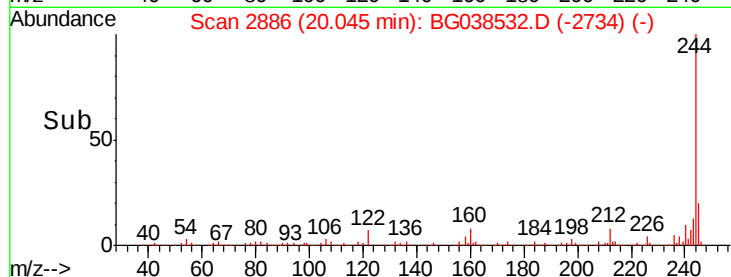
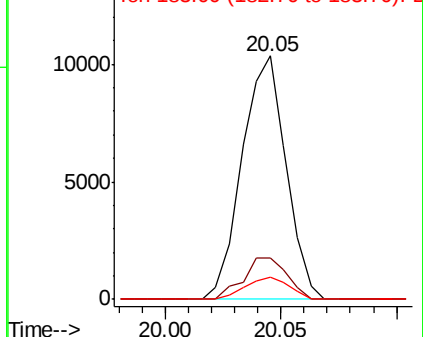
183 8.9 9.6 14.4#



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: 103.773 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038532.D

Acq: 13 Dec 2018 14:46

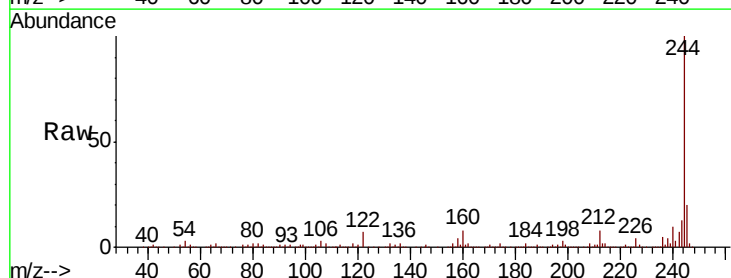
Tgt Ion:244 Resp: 759912

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

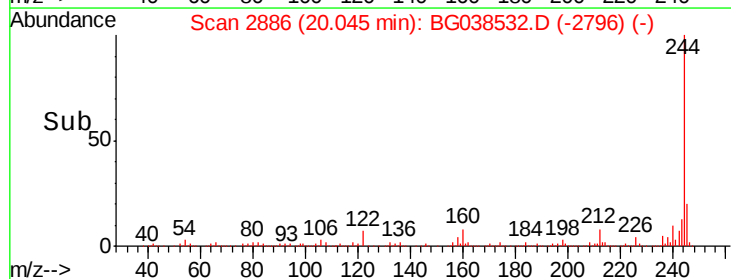
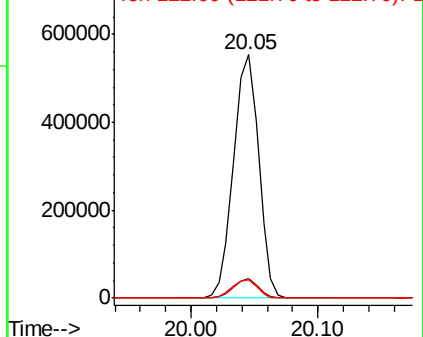
122 7.4 6.3 9.5

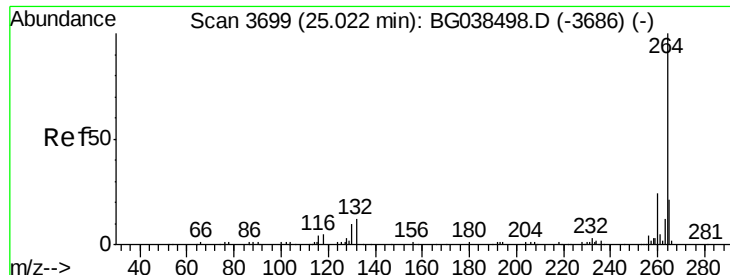


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

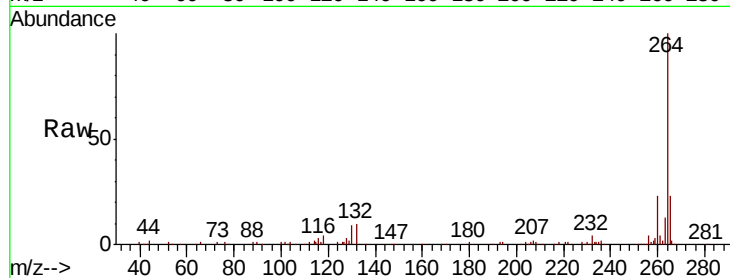




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038532.D
 Acq: 13 Dec 2018 14:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	23.3	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

