

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038805.D
 Acq On : 22 Dec 2018 3:19
 Operator : JU/SJ
 Sample : J6505-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 06:11:29 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

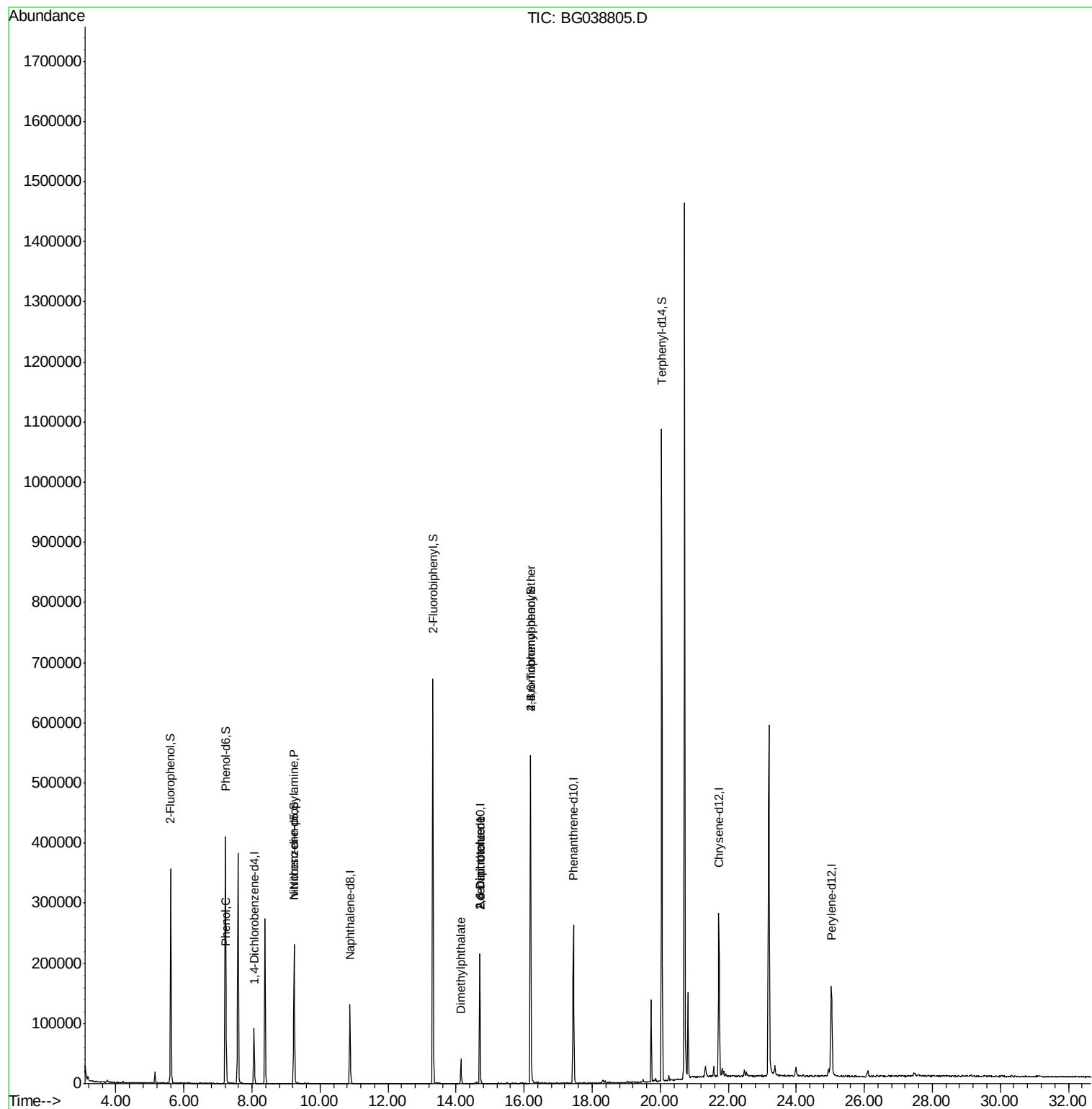
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26976	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	115440	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80083	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179191	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174366	20.00	ng	0.00
87) Perylene-d12	25.03	264	184093	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	159813	105.08	ng	0.01
7) Phenol-d6	7.22	99	234902	112.50	ng	0.01
23) Nitrobenzene-d5	9.23	82	139670	61.81	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117070	106.07	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	365791	62.66	ng	0.00
79) Terphenyl-d14	20.04	244	539311	67.31	ng	0.00
Target Compounds						
10) Phenol	7.24	94	11176	5.038	ng	88
19) n-Nitroso-di-n-propylamine	9.23	70	18988	12.948	ng	# 67
50) Dimethylphthalate	14.14	163	32416	4.957	ng	97
51) 2,6-Dinitrotoluene	14.69	165	10396	7.015	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	10396	4.980	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7603	3.474	ng	# 1

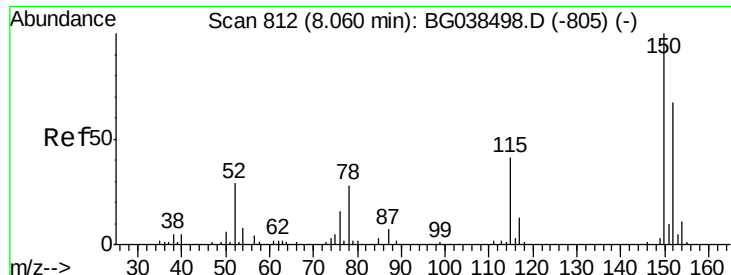
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

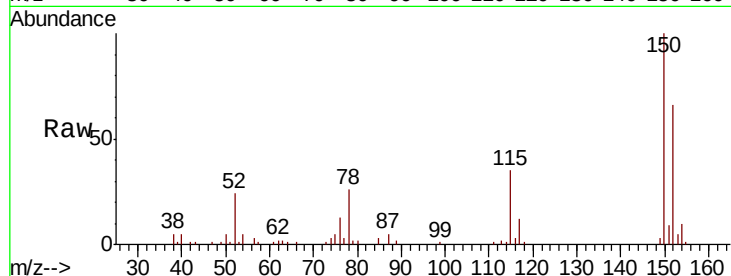




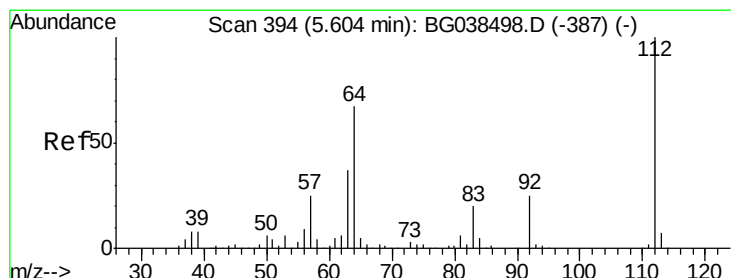
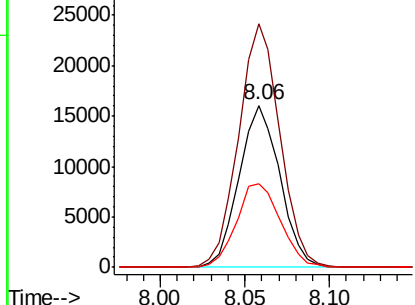
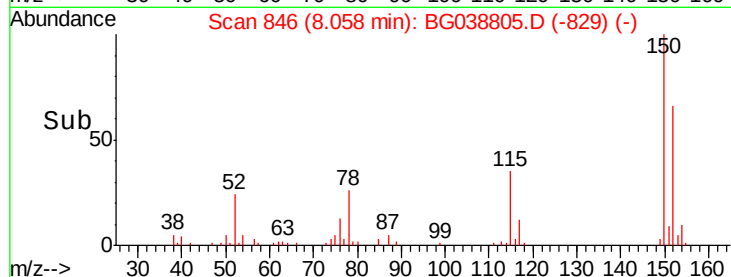
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:152 Resp: 26976
 Ion Ratio Lower Upper
 152 100
 150 150.6 119.5 179.3
 115 52.0 49.6 74.4

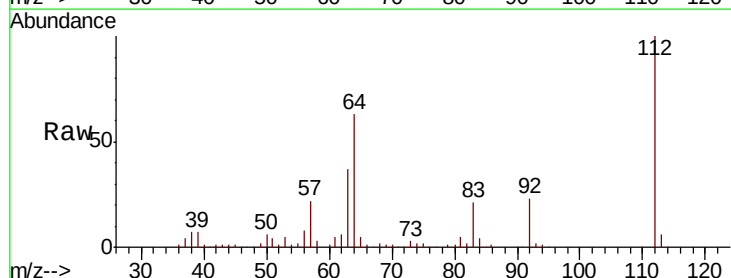


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

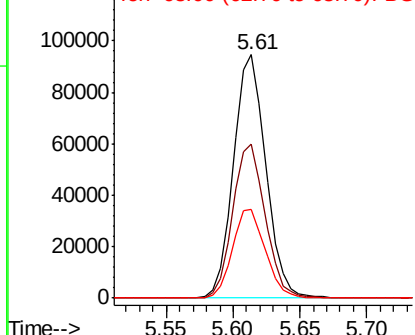
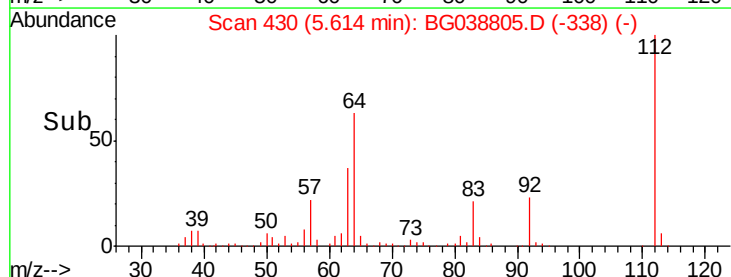


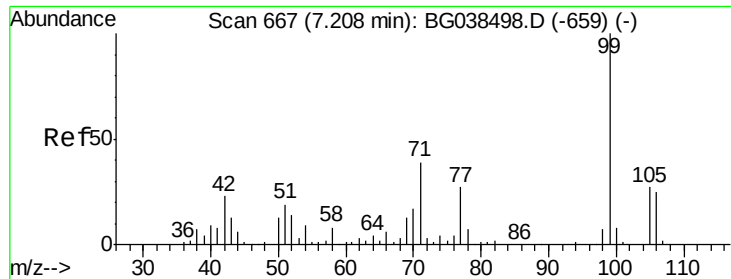
#5
 2-Fluorophenol
 Concen: 105.076 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

Tgt Ion:112 Resp: 159813
 Ion Ratio Lower Upper
 112 100
 64 63.0 53.4 80.2
 63 36.7 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: 112.504 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

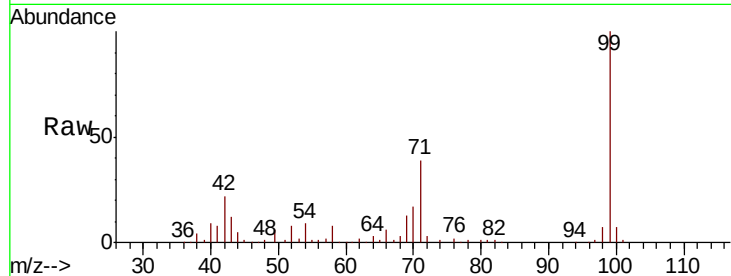
Tgt Ion: 99 Resp: 234902

Ion Ratio Lower Upper

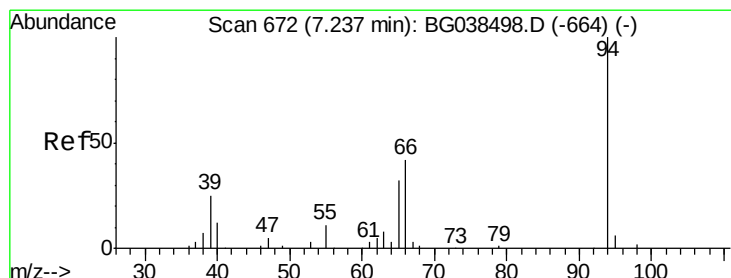
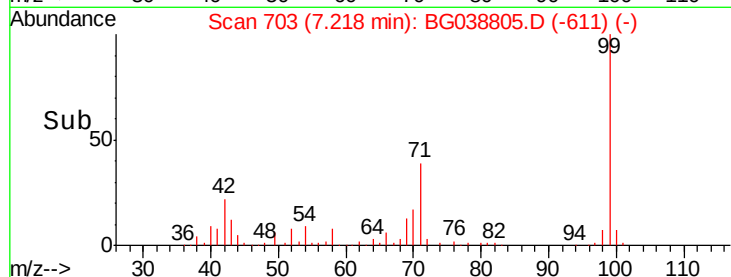
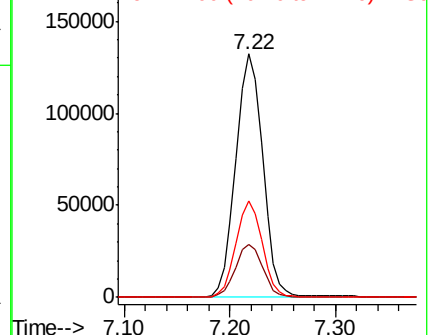
99 100

42 21.7 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



#10

Phenol

Concen: 5.038 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

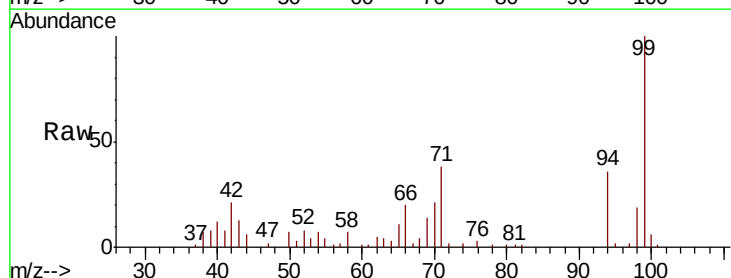
Tgt Ion: 94 Resp: 11176

Ion Ratio Lower Upper

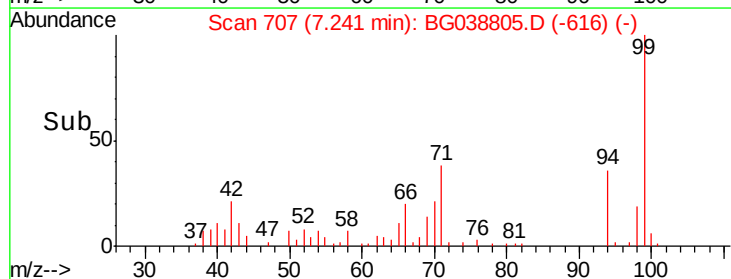
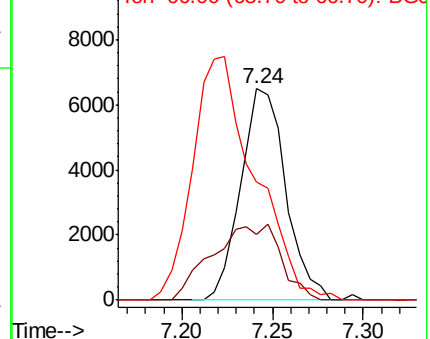
94 100

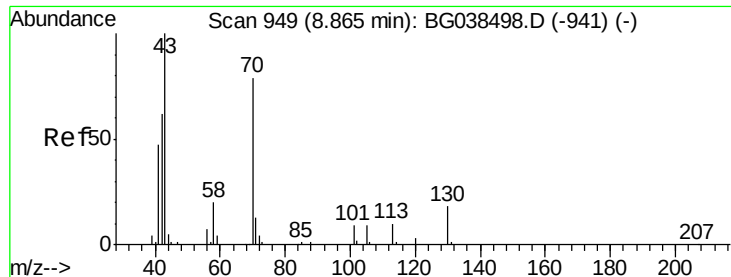
65 30.9 12.6 52.6

66 55.6 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

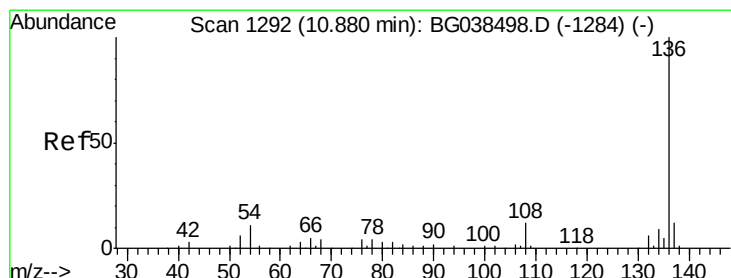
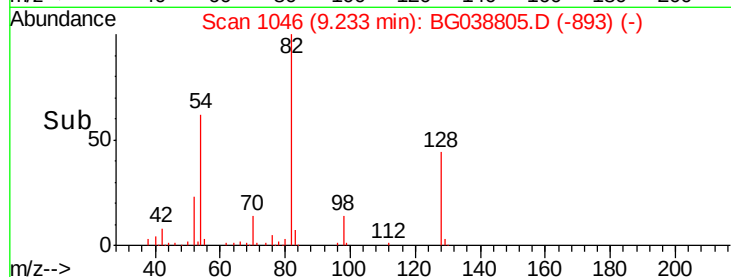
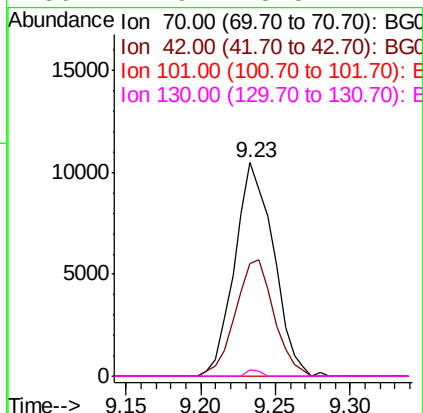
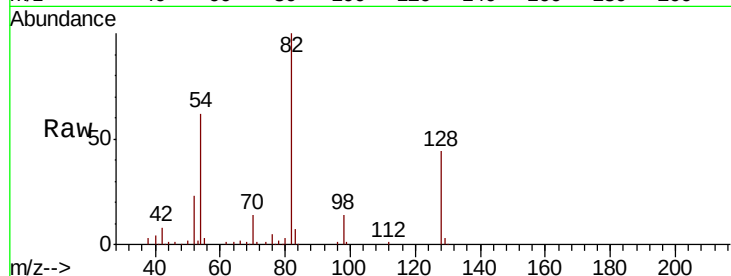




#19
n-Nitroso-di-n-propylamine
Concen: 12.948 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038805.D
Acq: 22 Dec 2018 3:19

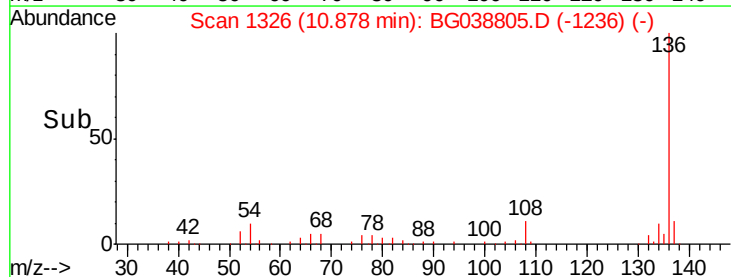
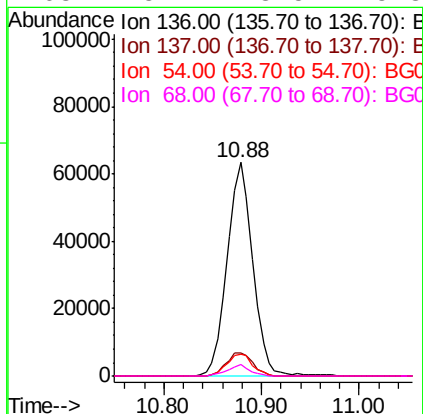
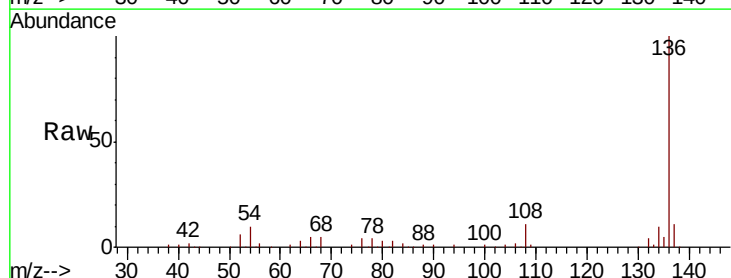
Instrument :
BNA_G
ClientSampleId :

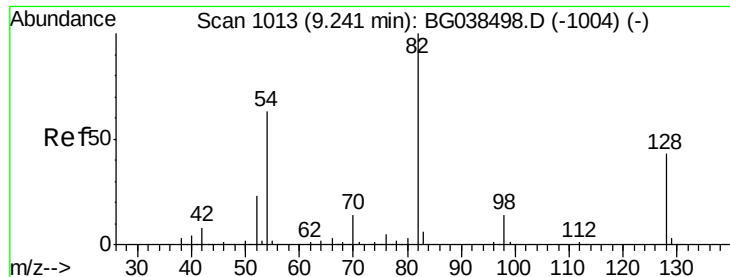
Tgt Ion: 70 Resp: 18988
Ion Ratio Lower Upper
70 100
42 52.6 63.6 95.4#
101 0.0 9.2 13.8#
130 2.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038805.D
Acq: 22 Dec 2018 3:19

Tgt Ion:136 Resp: 115440
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 9.9 8.5 12.7
68 5.1 3.5 5.3

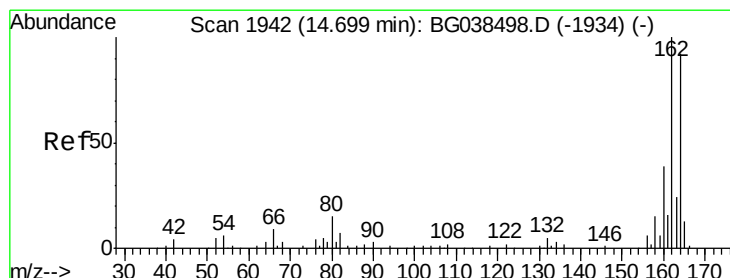
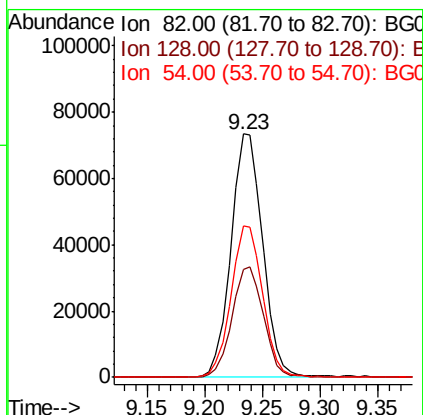
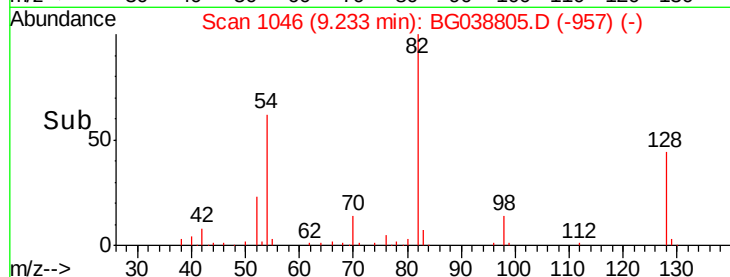
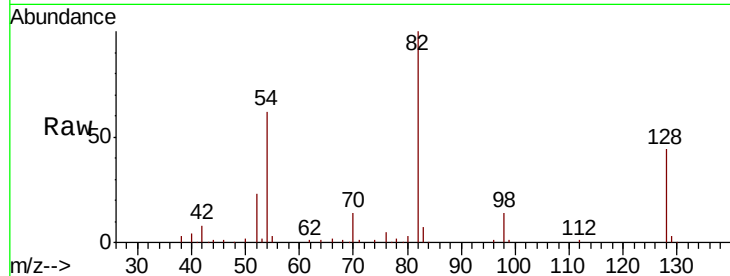




#23
Nitrobenzene-d5
Concen: 61.810 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038805.D
Acq: 22 Dec 2018 3:19

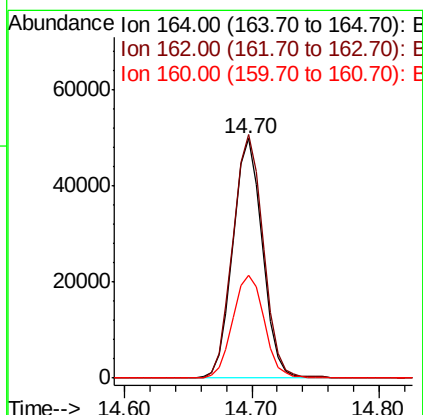
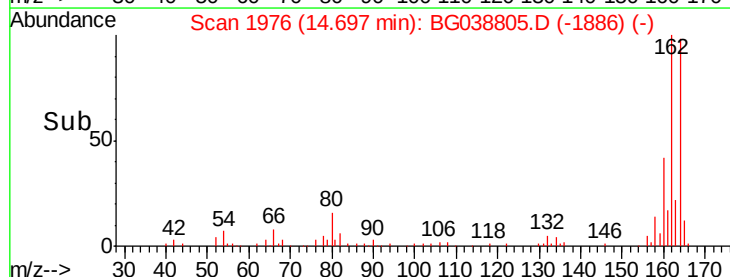
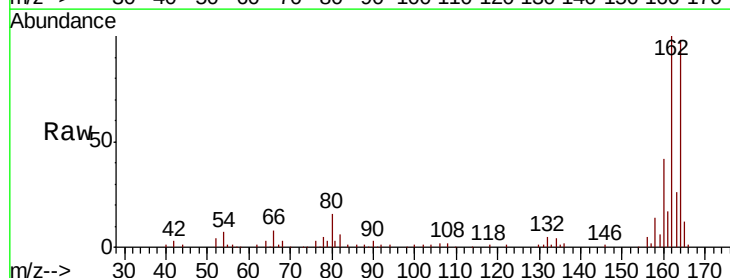
Instrument :
BNA_G
ClientSampleId :

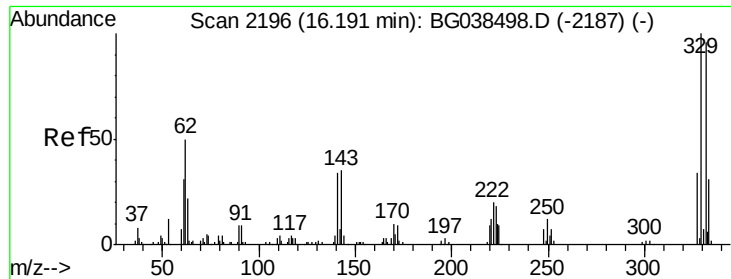
Tgt Ion: 82 Resp: 139670
Ion Ratio Lower Upper
82 100
128 44.5 34.6 52.0
54 62.3 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038805.D
Acq: 22 Dec 2018 3:19

Tgt Ion: 164 Resp: 80083
Ion Ratio Lower Upper
164 100
162 101.6 86.6 130.0
160 42.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 106.072 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

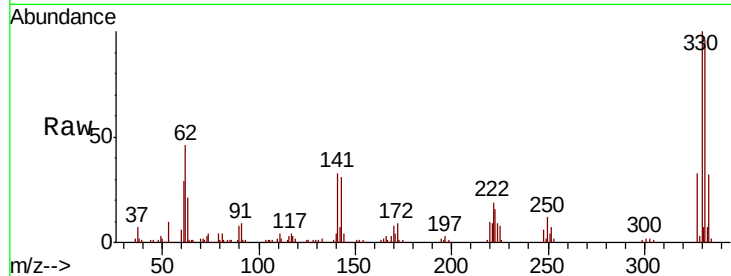
Tgt Ion:330 Resp: 117070

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

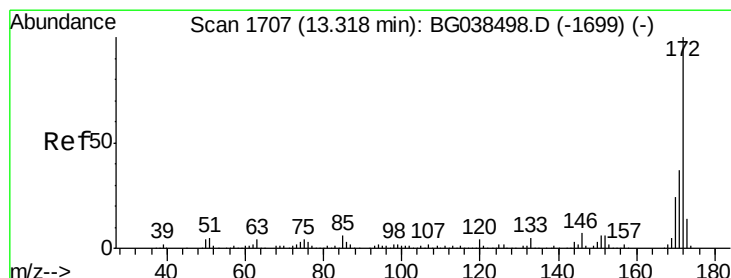
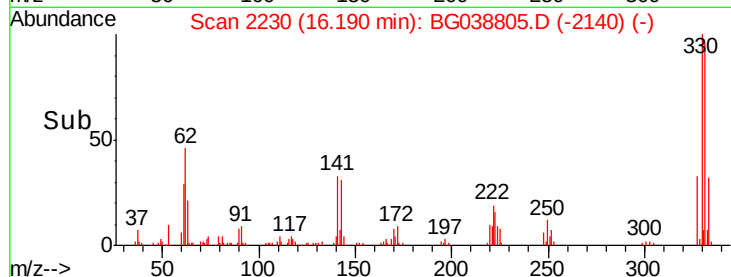
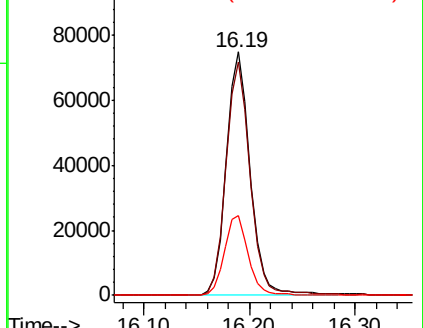
141 32.9 28.8 43.2



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: 62.661 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

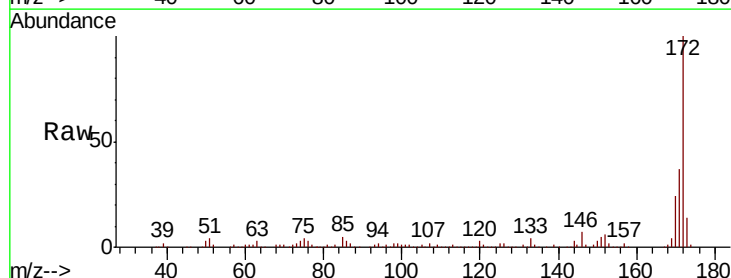
Tgt Ion:172 Resp: 365791

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

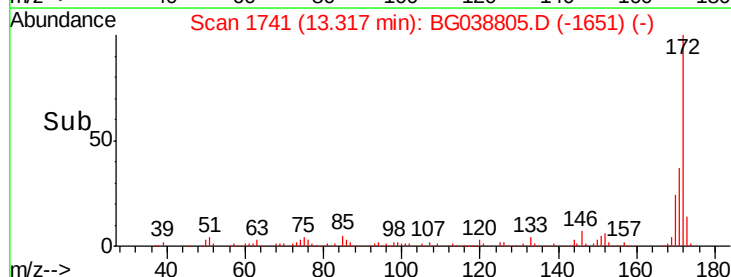
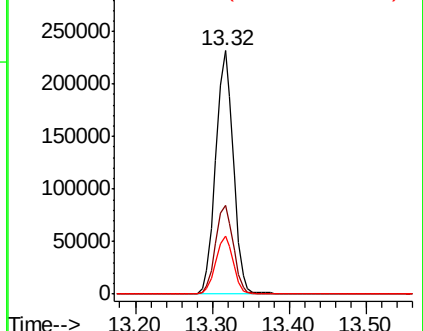
170 24.1 19.5 29.3

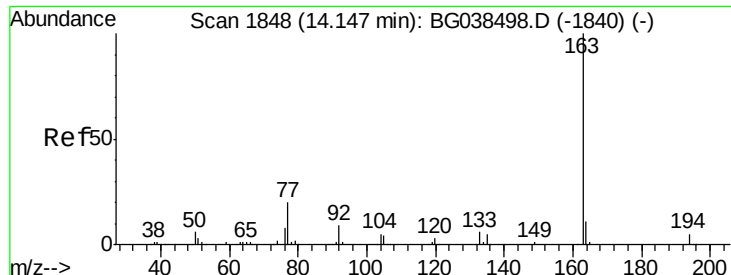


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.957 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

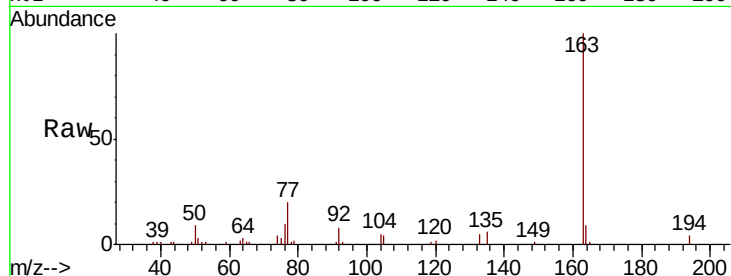
Tgt Ion:163 Resp: 32416

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

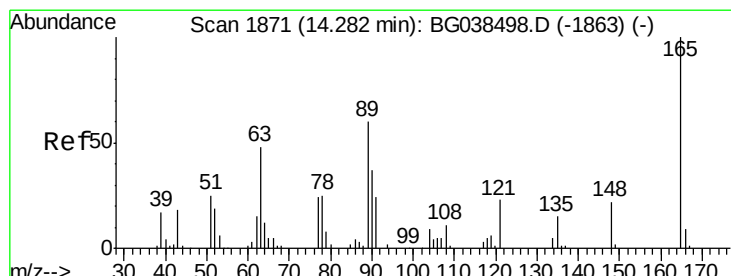
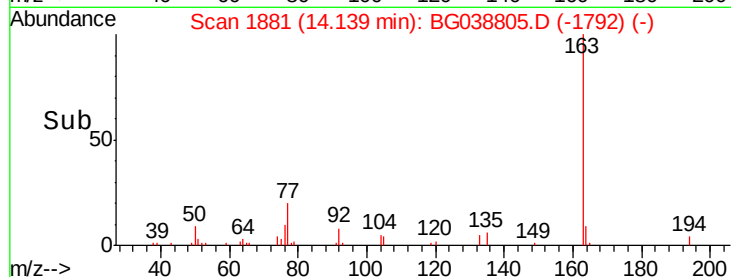
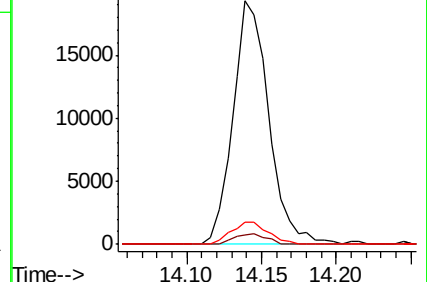
164 9.3 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 7.015 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

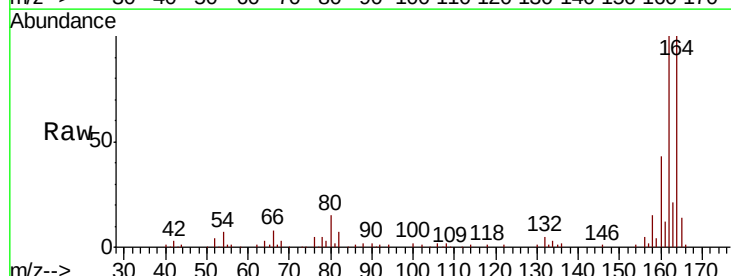
Tgt Ion:165 Resp: 10396

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

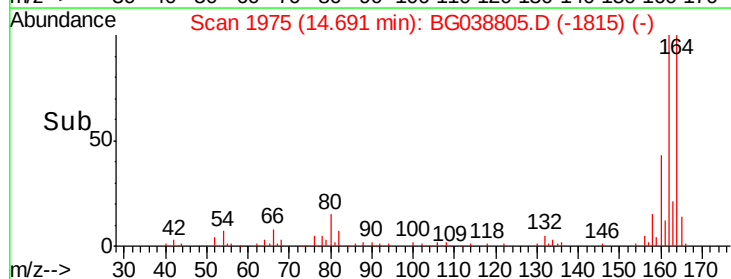
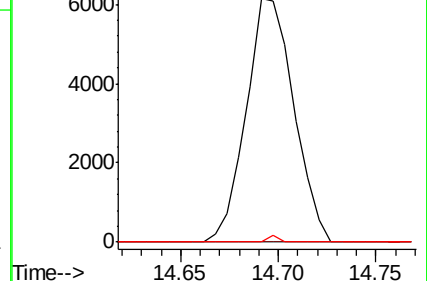
89 0.0 47.9 71.9#

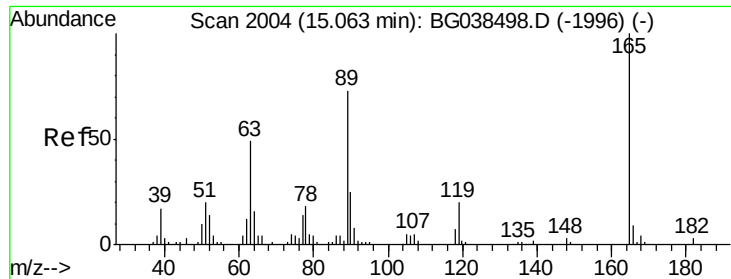


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

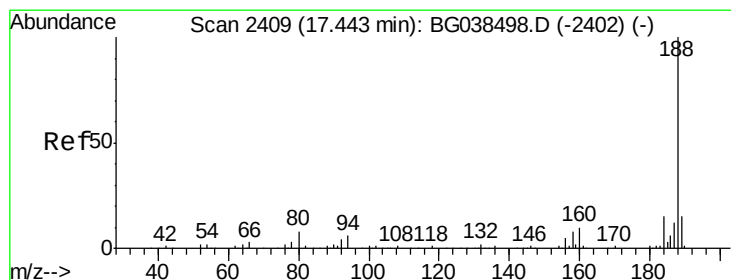
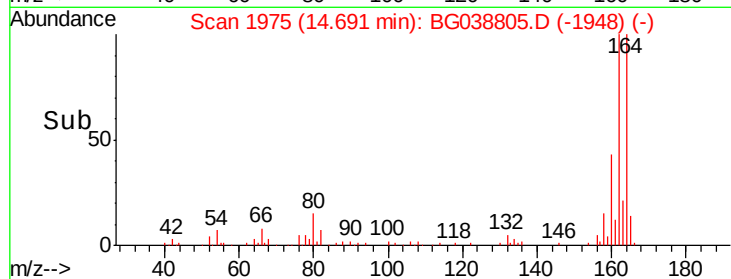
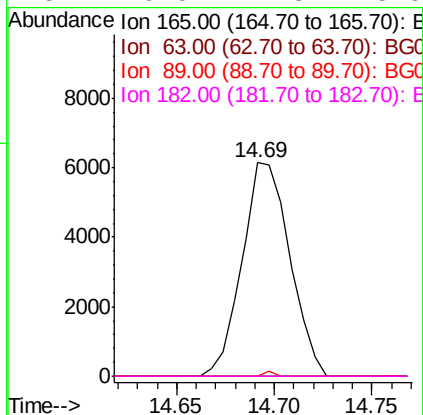
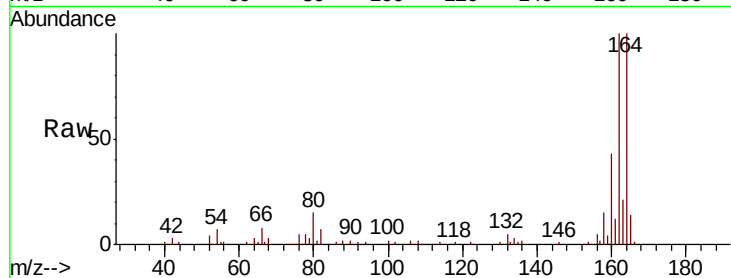




#57
 2,4-Dinitrotoluene
 Concen: 4.980 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

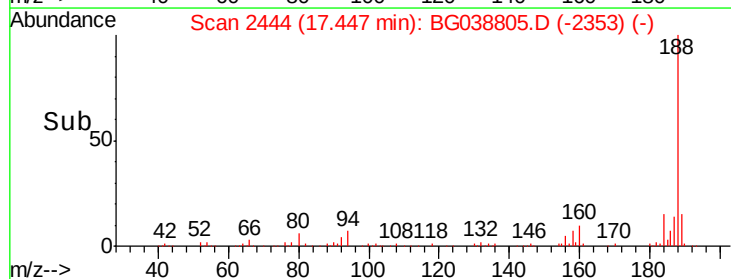
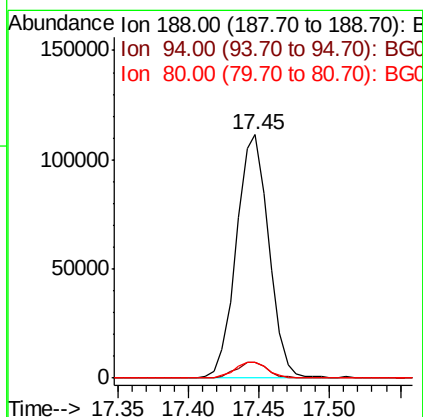
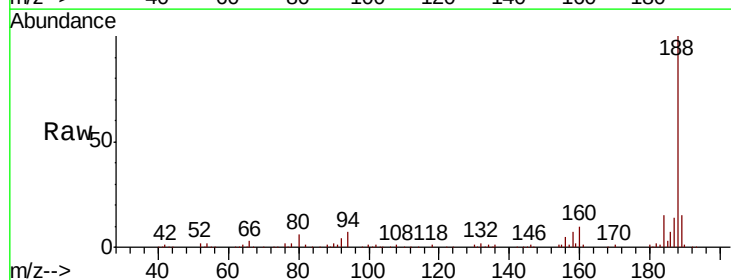
Instrument :
 BNA_G
 ClientSampleId :

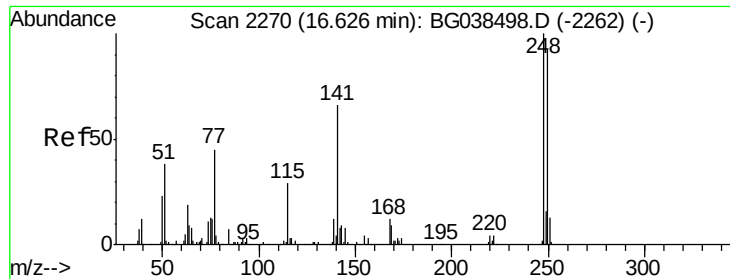
Tgt Ion:	165	Resp:	10396
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

Tgt Ion:	188	Resp:	179191
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	6.4	6.1	9.1

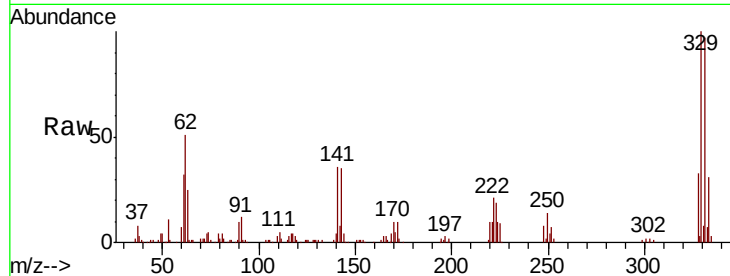




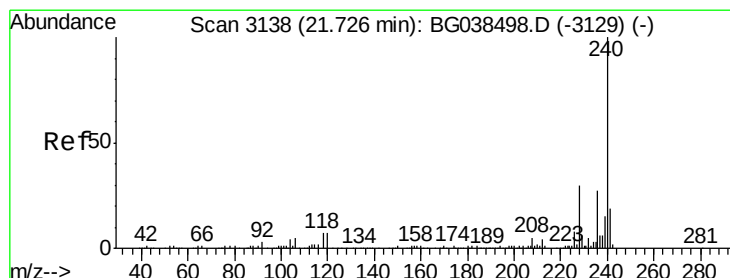
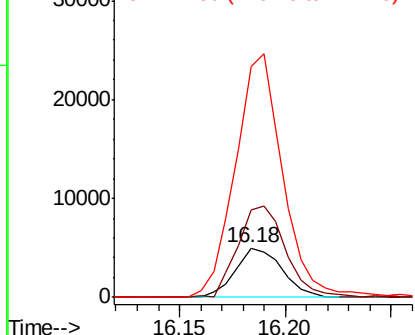
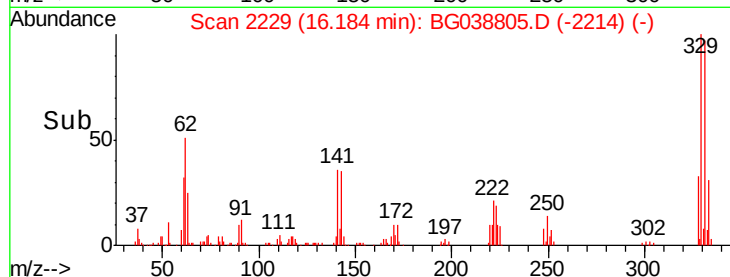
#67
 4-Bromophenyl-phenylether
 Concen: 3.474 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:248 Resp: 7603
 Ion Ratio Lower Upper
 248 100
 250 175.9 73.4 110.2#
 141 361.9 52.9 79.3#

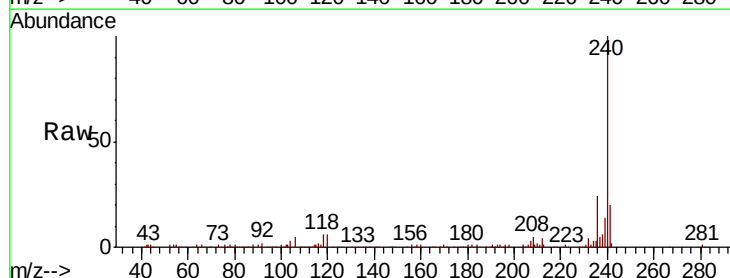


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

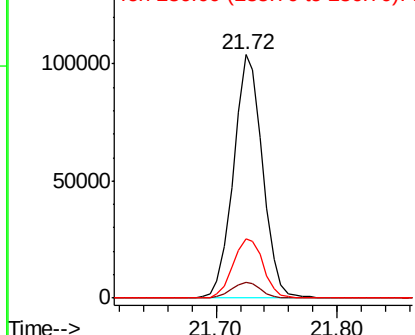
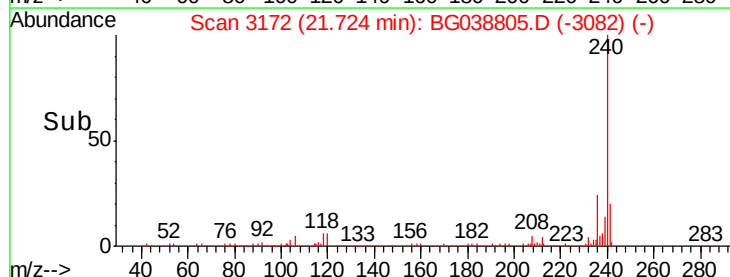


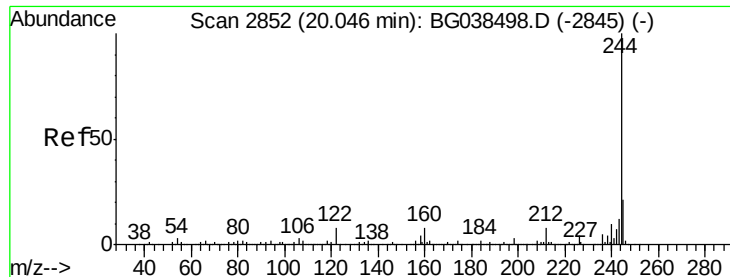
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038805.D
 Acq: 22 Dec 2018 3:19

Tgt Ion:240 Resp: 174366
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.3 7.9
 236 24.4 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: 67.314 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

Instrument :

BNA_G

ClientSampleId :

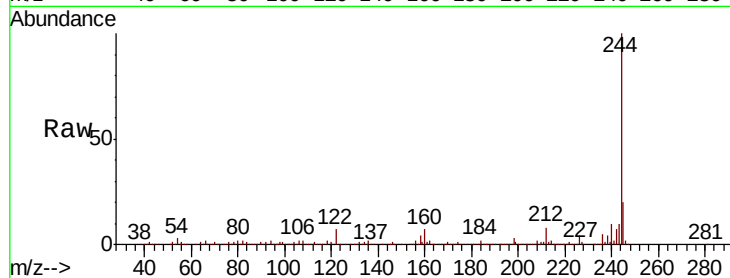
Tgt Ion:244 Resp: 539311

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

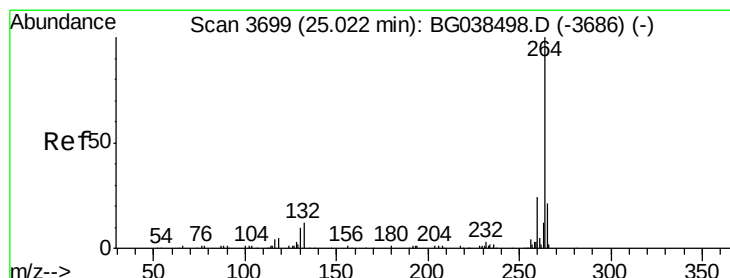
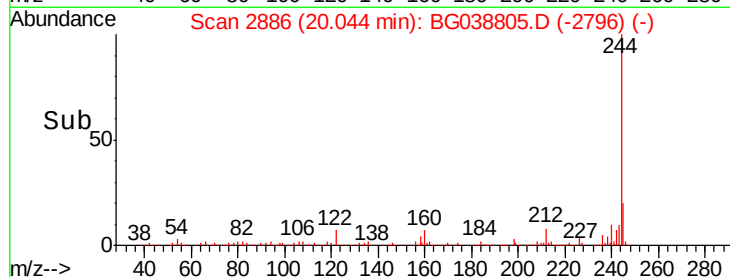
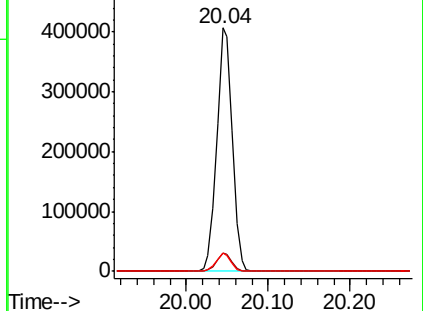
122 7.3 6.3 9.5



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: 25.03 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BG038805.D

Acq: 22 Dec 2018 3:19

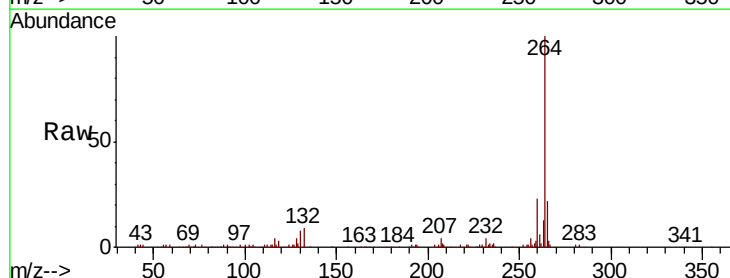
Tgt Ion:264 Resp: 184093

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.7 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

