

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038394.D
 Acq On : 6 Dec 2018 23:08
 Operator : JU/SJ
 Sample : J6225-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 07 01:57:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	40437	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	109938	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	74230	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	197050	20.00	ng	0.00
76) Chrysene-d12	21.73	240	217616	20.00	ng	-0.01
87) Perylene-d12	25.04	264	184578	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	67977	29.75	ng	0.00
7) Phenol-d6	7.22	99	58582	17.74	ng	0.00
23) Nitrobenzene-d5	9.25	82	194773	87.96	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	92438	101.44	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	489923	94.05	ng	0.00
79) Terphenyl-d14	20.06	244	807877	79.53	ng	0.00

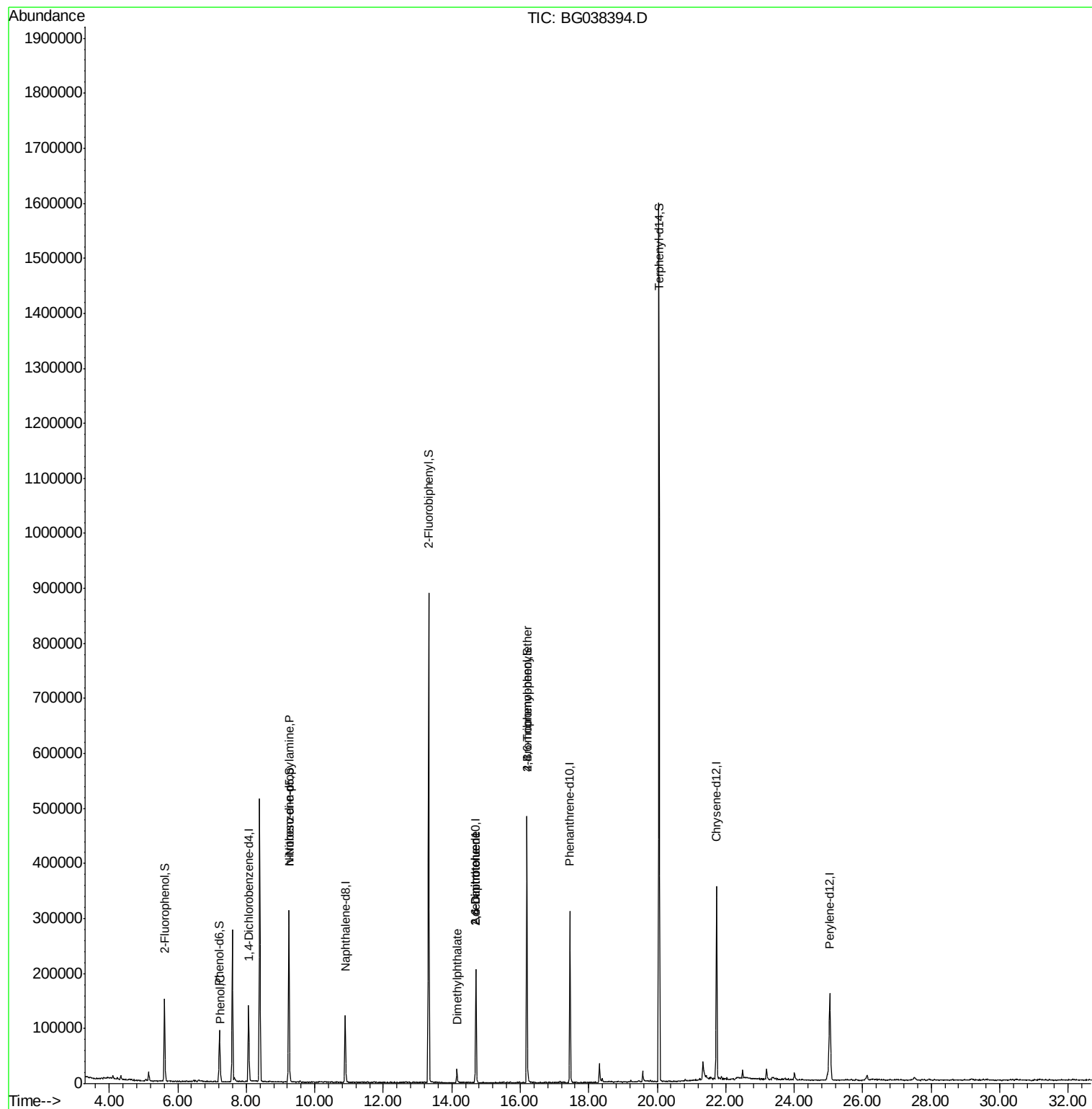
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.25	94	9436	2.704	ng	93
19) n-Nitroso-di-n-propylamine	9.25	70	25776	9.049	ng	# 77
50) Dimethylphthalate	14.15	163	19416	3.261	ng	# 96
51) 2,6-Dinitrotoluene	14.70	165	9582	7.045	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	9582	5.108	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6512	3.060	ng	# 1

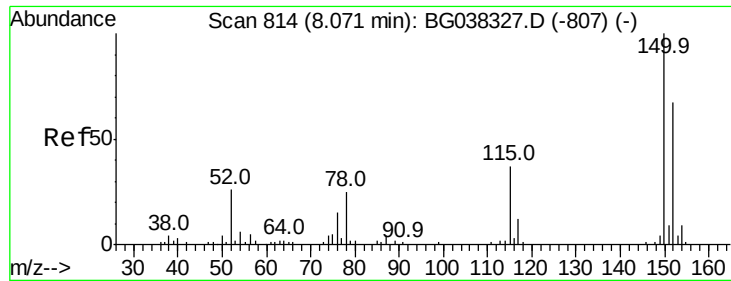
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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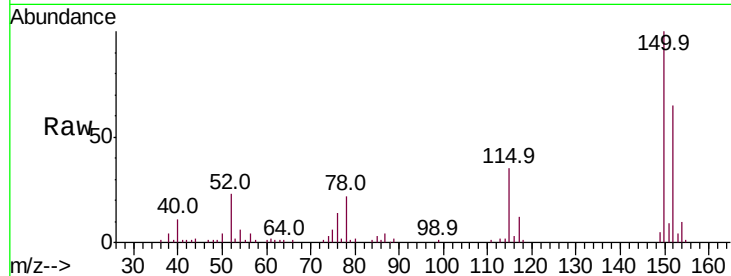


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038394.D
Acq: 6 Dec 2018 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.0	189.0
115	53.8	45.5	68.3

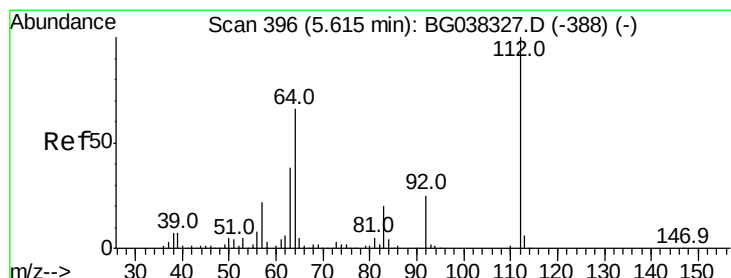
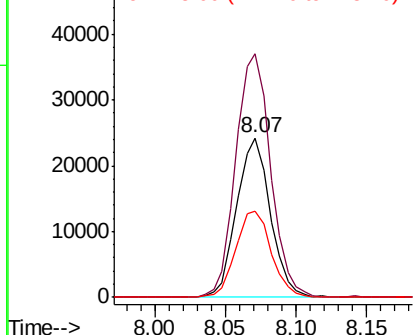
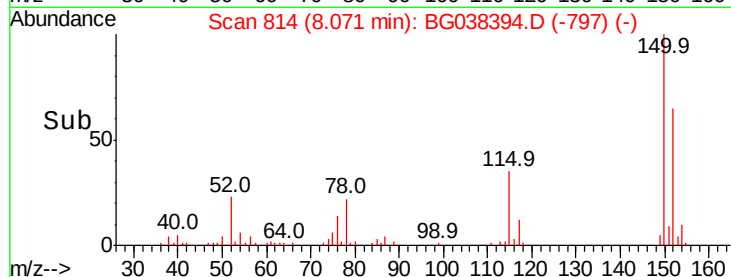


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

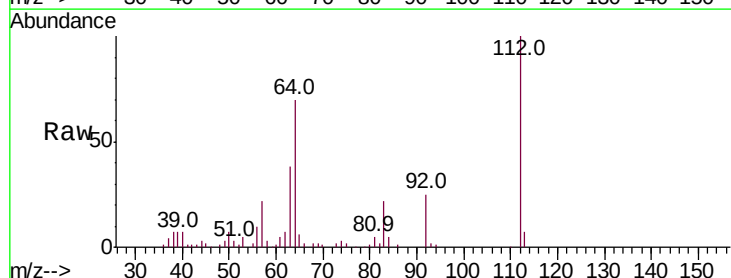
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 29.749 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038394.D
Acq: 6 Dec 2018 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.1	79.7
63	38.4	27.3	40.9

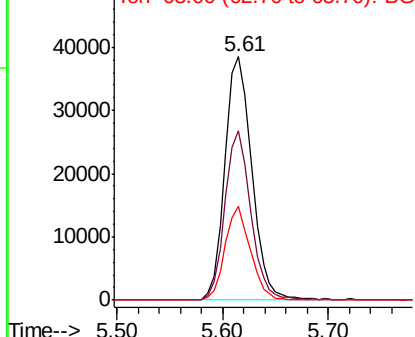
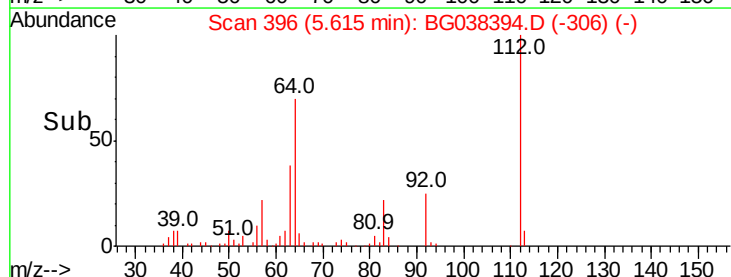


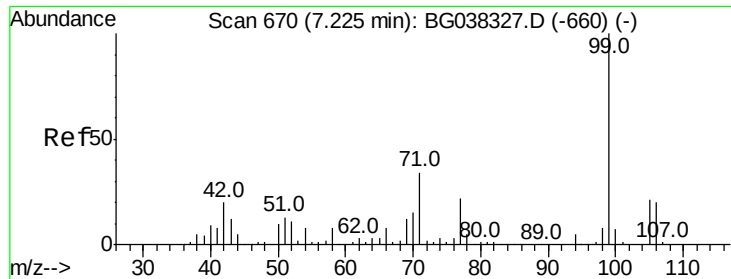
Abundance

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: 17.738 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

Instrument :

BNA_G

ClientSampleId :

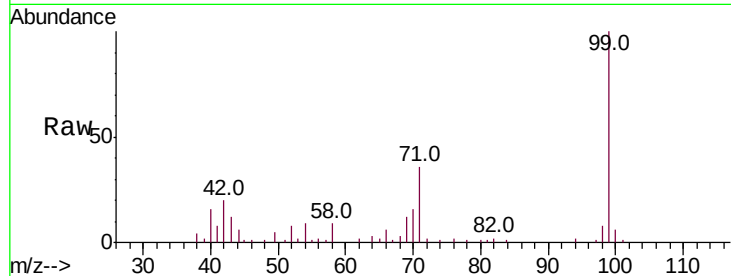
Tot Ion: 99 Resp: 58582

Ion Ratio Lower Upper

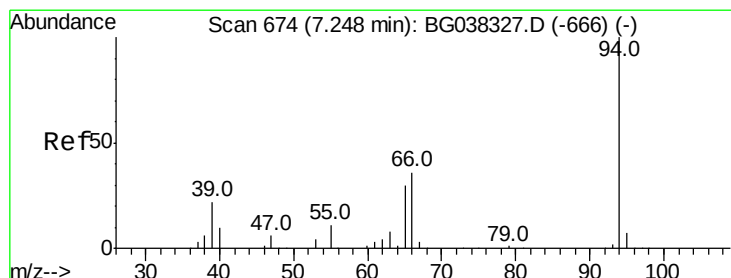
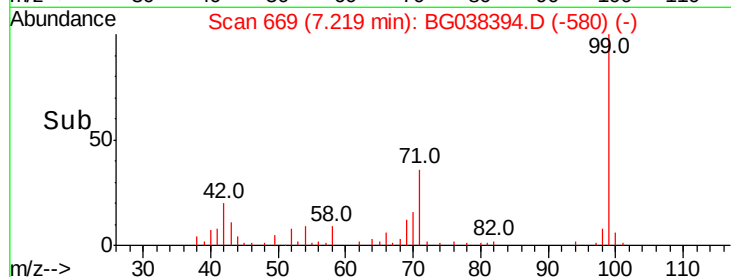
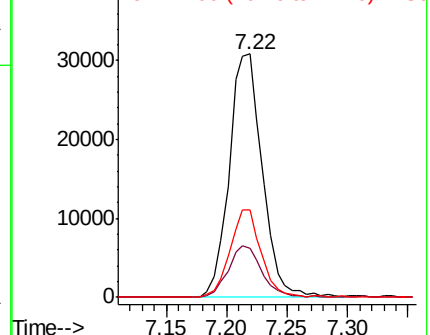
99 100

42 20.1 15.0 22.4

71 35.9 25.5 38.3



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: 2.704 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

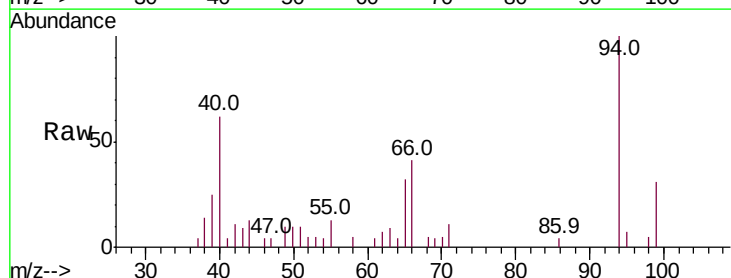
Tgt Ion: 94 Resp: 9436

Ion Ratio Lower Upper

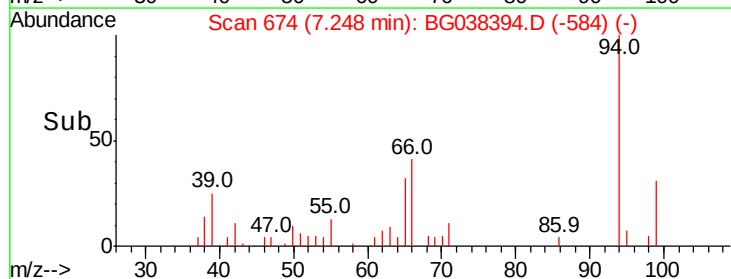
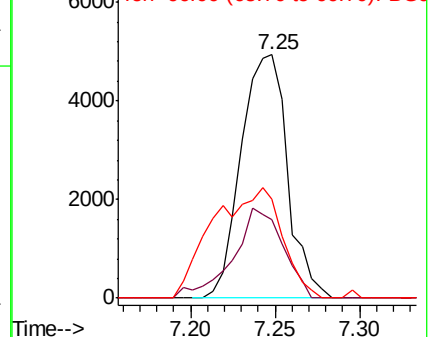
94 100

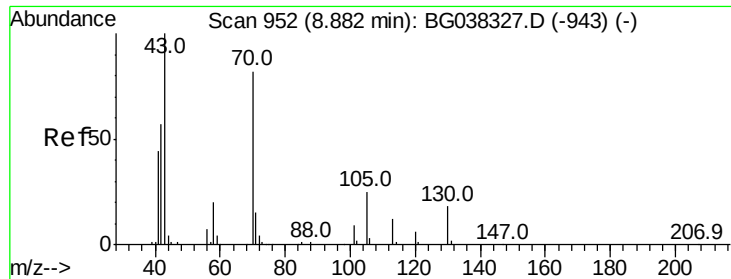
65 32.3 9.7 49.7

66 40.8 15.9 55.9



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

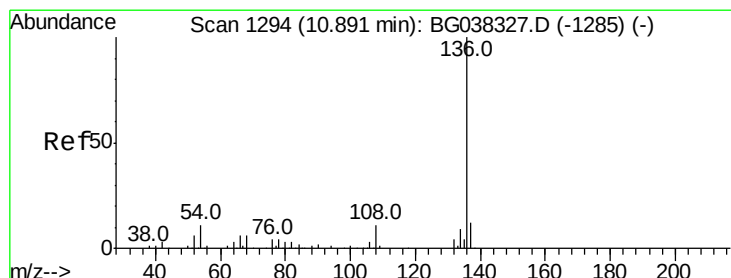
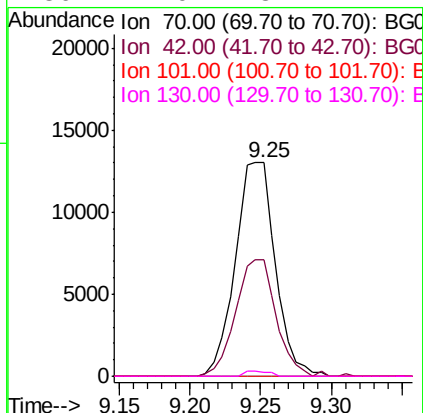
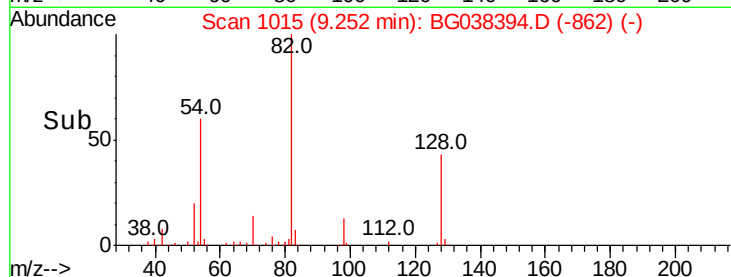
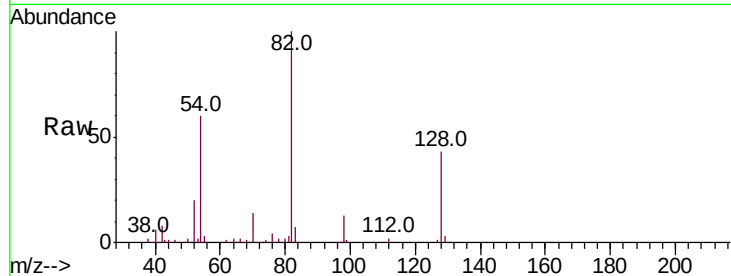




#19
n-Nitroso-di-n-propylamine
Concen: 9.049 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.37 min
Lab File: BG038394.D
Acq: 6 Dec 2018 23:08

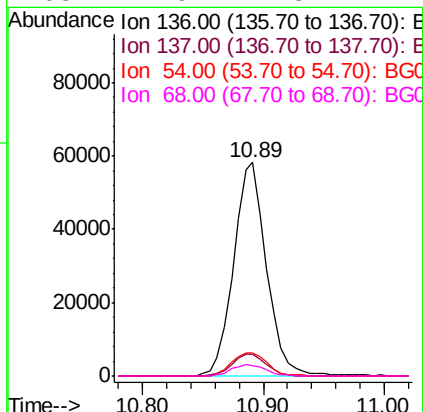
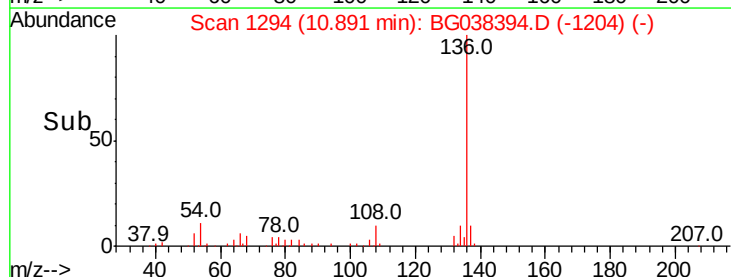
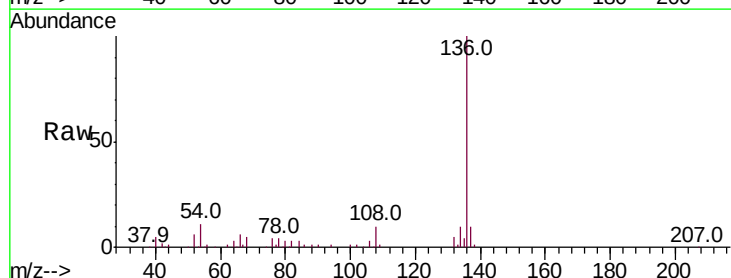
Instrument :
BNA_G
ClientSampleId :

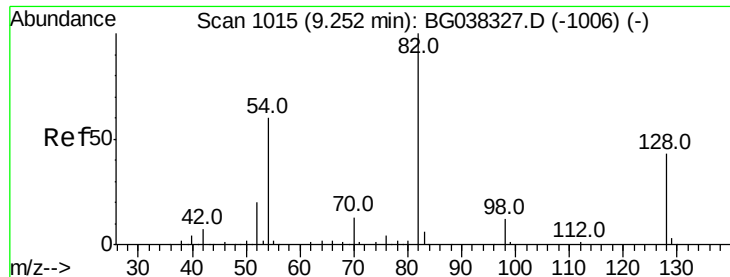
Tot Ion: 70 Resp: 25776
Ion Ratio Lower Upper
70 100
42 54.7 53.9 80.9
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038394.D
Acq: 6 Dec 2018 23:08

Tgt Ion: 136 Resp: 109938
Ion Ratio Lower Upper
136 100
137 10.1 9.6 14.4
54 11.1 7.9 11.9
68 4.9 4.8 7.2

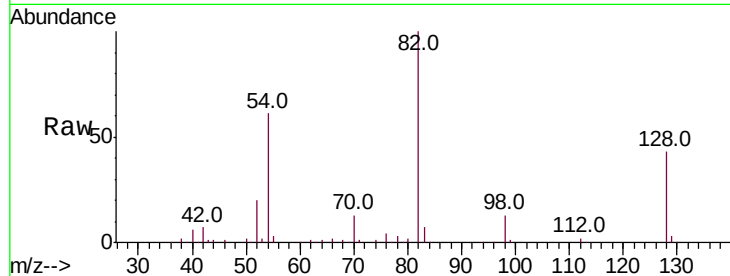




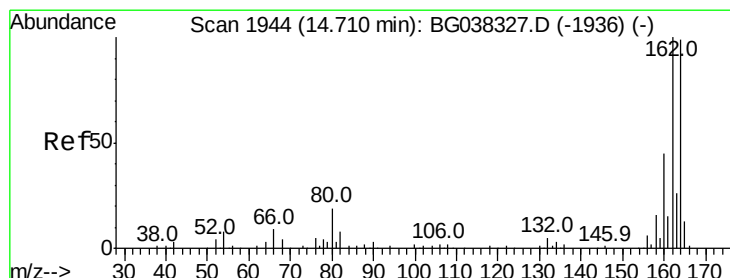
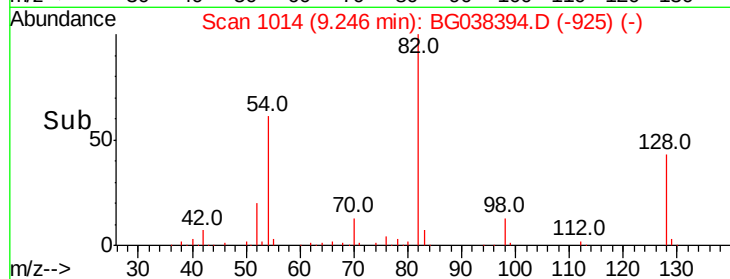
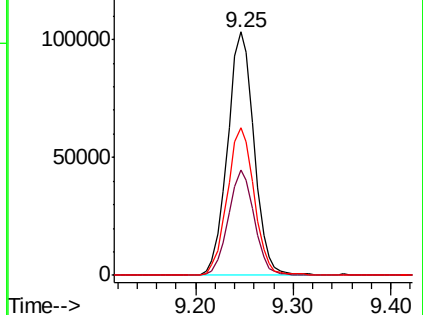
#23
Nitrobenzene-d5
Concen: 87.959 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038394.D
Acq: 6 Dec 2018 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 194773
Ion Ratio Lower Upper
82 100
128 43.1 34.6 51.8
54 60.6 45.3 67.9

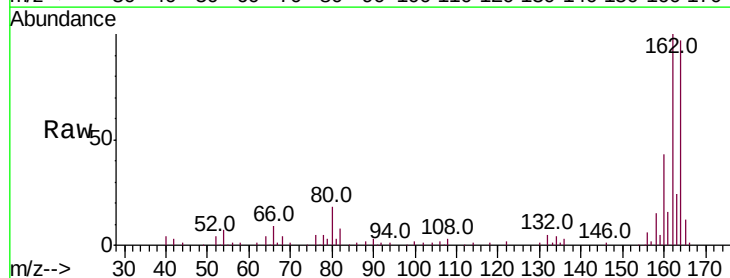


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

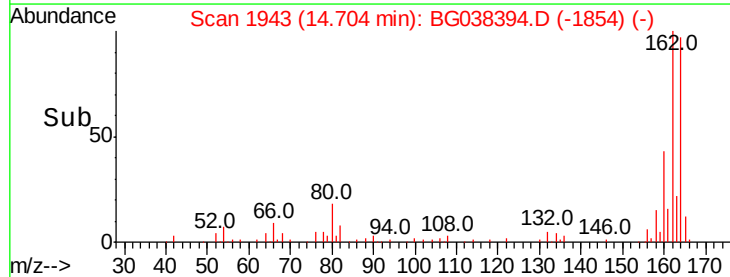
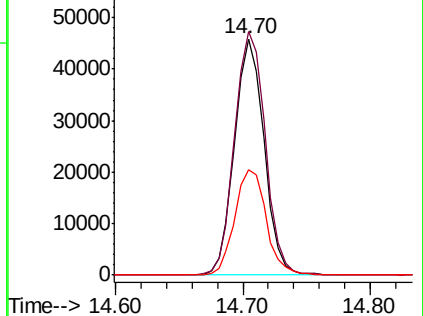


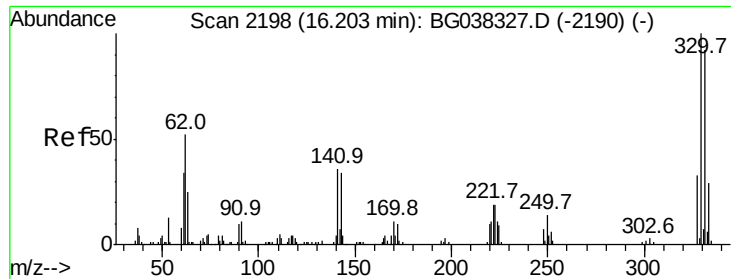
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038394.D
Acq: 6 Dec 2018 23:08

Tgt Ion:164 Resp: 74230
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.3 36.3 54.5



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

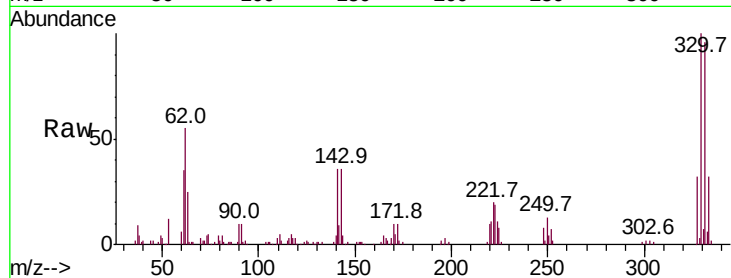




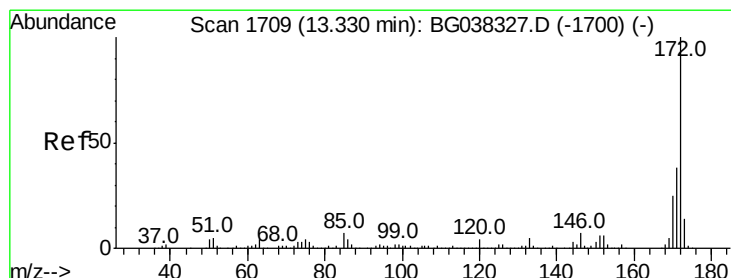
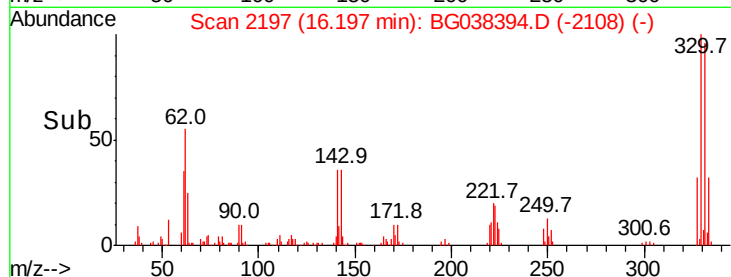
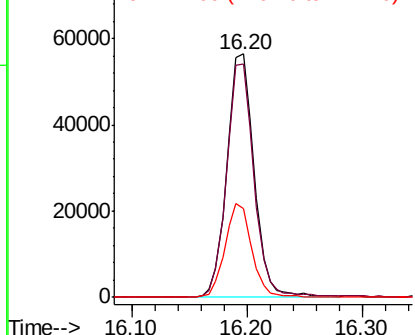
#42
 2,4,6-Tribromophenol
 Concen: 101.439 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038394.D
 Acq: 6 Dec 2018 23:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 92438
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.4 117.6
 141 37.8 32.2 48.2

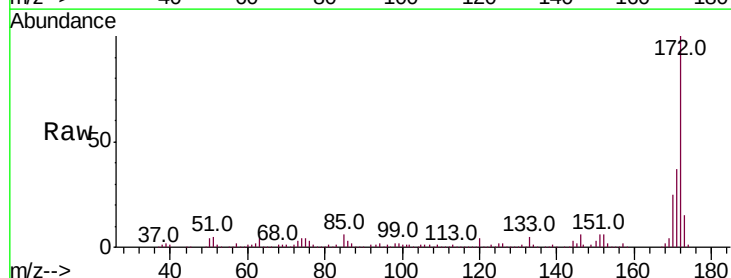


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

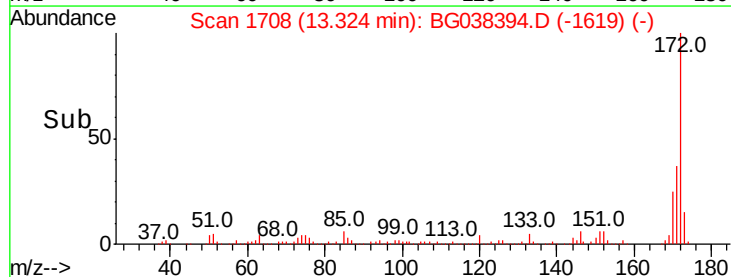
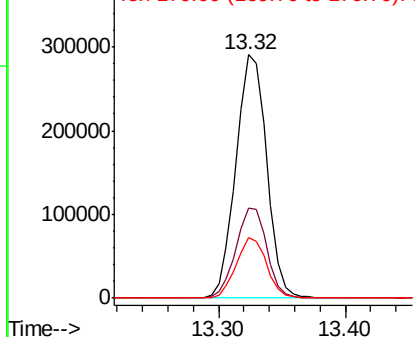


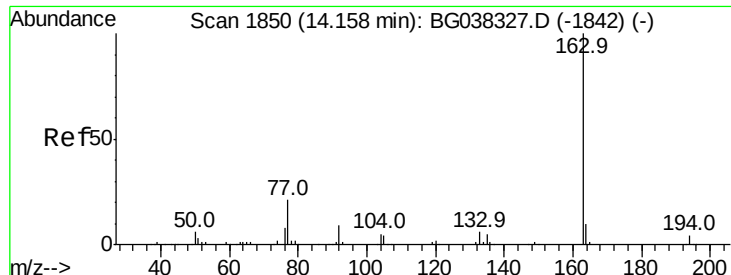
#45
 2-Fluorobiphenyl
 Concen: 94.045 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038394.D
 Acq: 6 Dec 2018 23:08

Tgt Ion:172 Resp: 489923
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.7 20.2 30.2



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: 3.261 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

Instrument :

BNA_G

ClientSampleId :

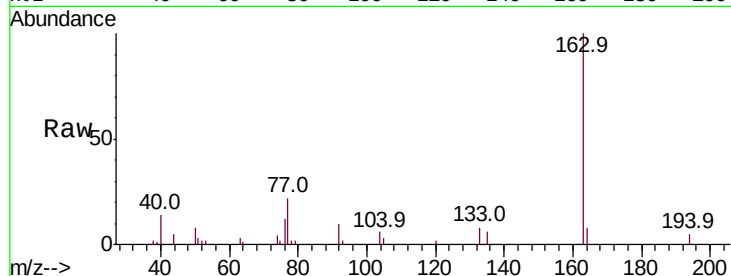
Tot Ion:163 Resp: 19416

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

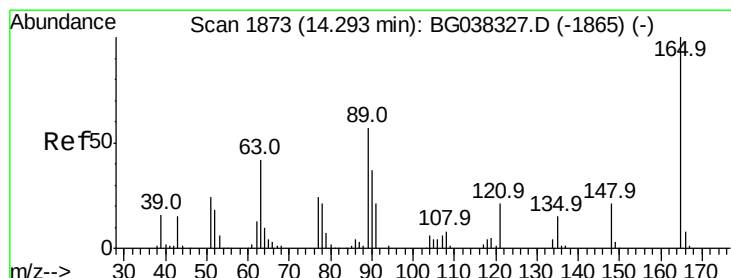
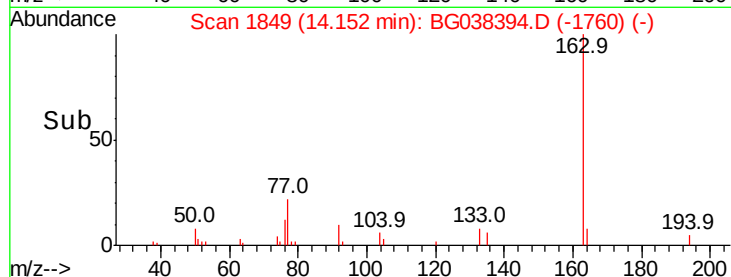
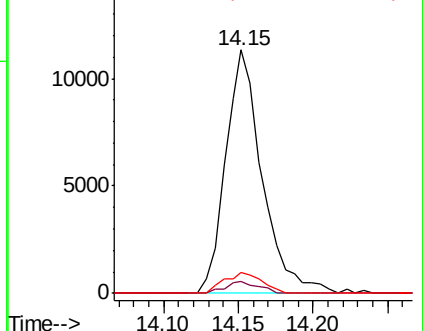
164 8.4 8.5 12.7#



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: 7.045 ng

RT: 14.70 min Scan# 1943

Delta R.T. 0.41 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

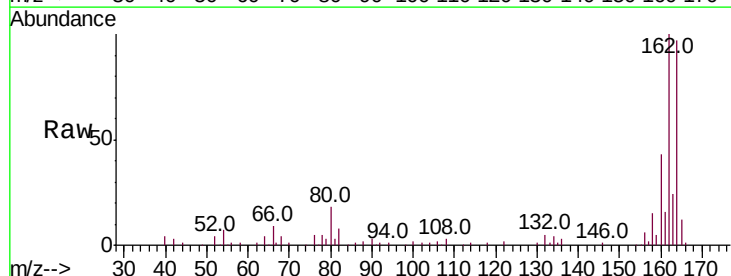
Tgt Ion:165 Resp: 9582

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

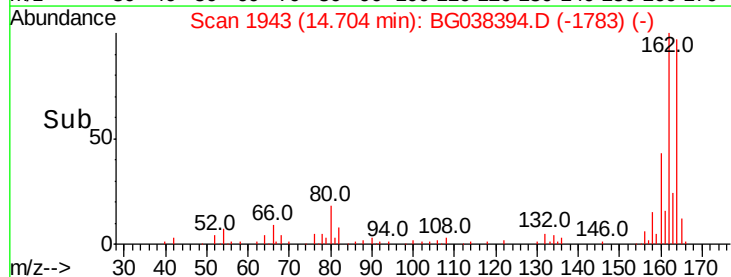
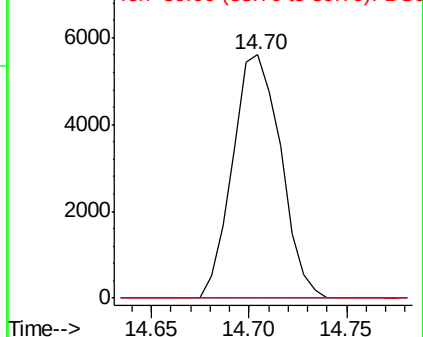
89 0.0 45.8 68.6#

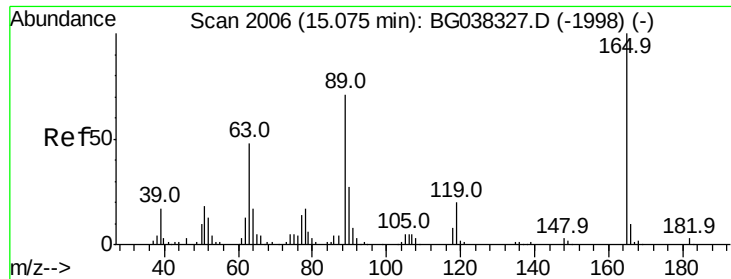


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

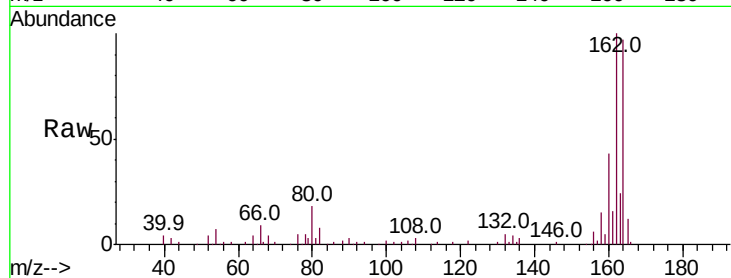




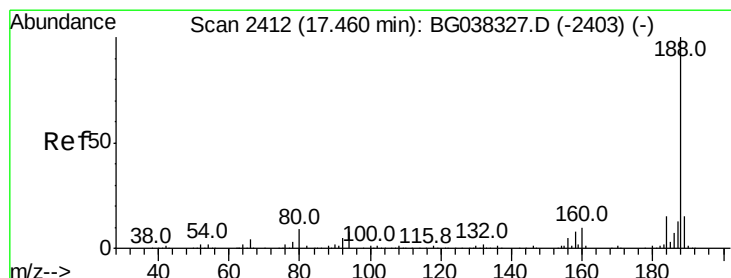
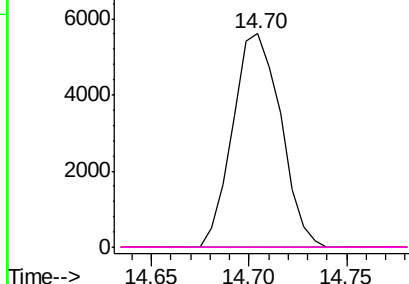
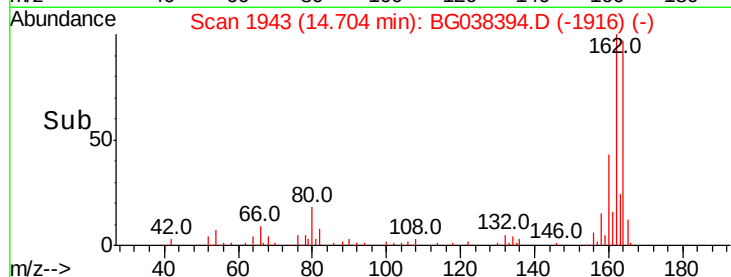
#57
 2,4-Dinitrotoluene
 Concen: 5.108 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038394.D
 Acq: 6 Dec 2018 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9582
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#

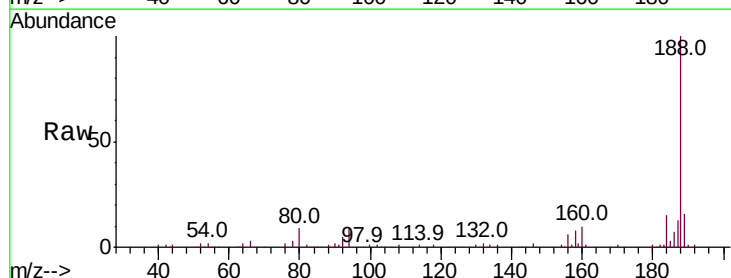


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

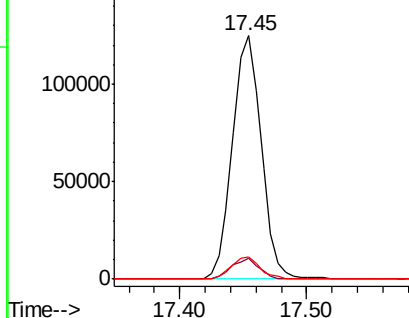
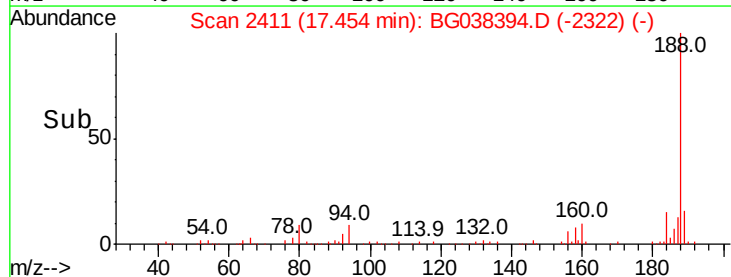


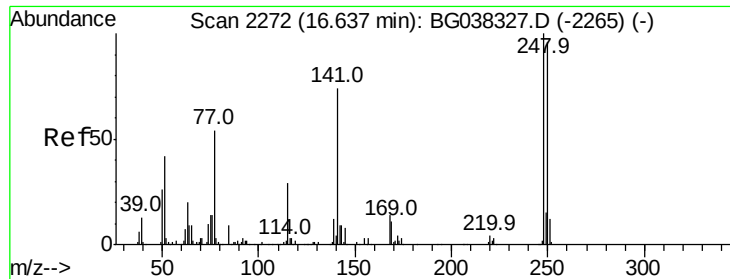
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038394.D
 Acq: 6 Dec 2018 23:08

Tgt Ion:188 Resp: 197050
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 9.2 7.7 11.5



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

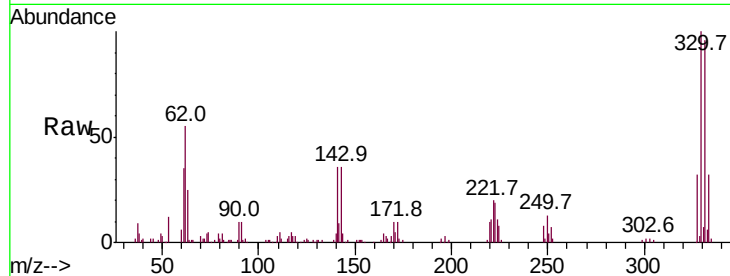




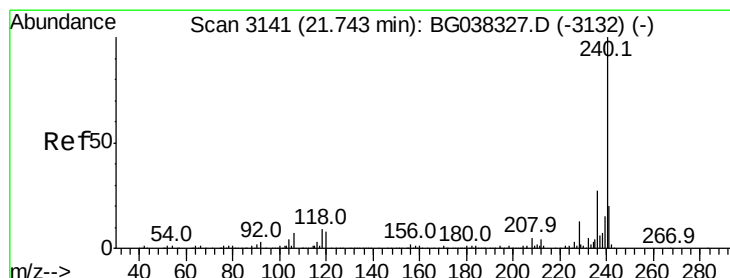
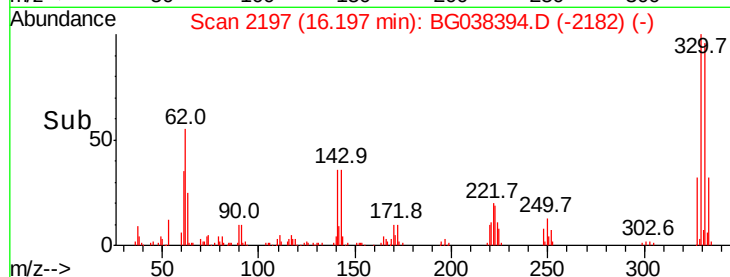
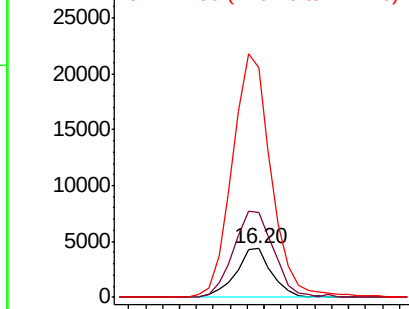
#67
 4-Bromophenyl-phenylether
 Concen: 3.060 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038394.D
 Acq: 6 Dec 2018 23:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 6512
 Ion Ratio Lower Upper
 248 100
 250 174.6 77.0 115.6#
 141 360.9 55.5 83.3#

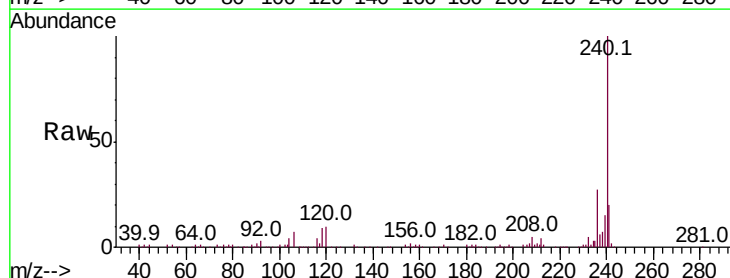


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

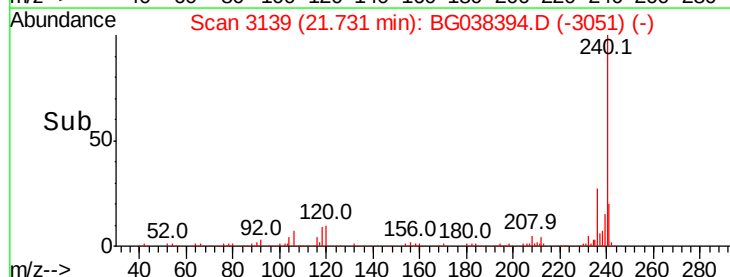
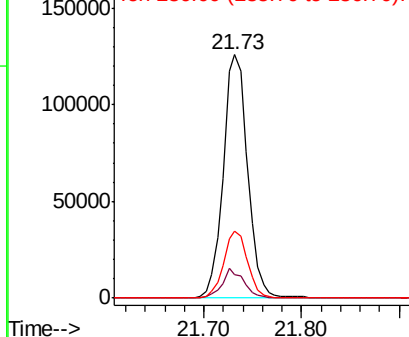


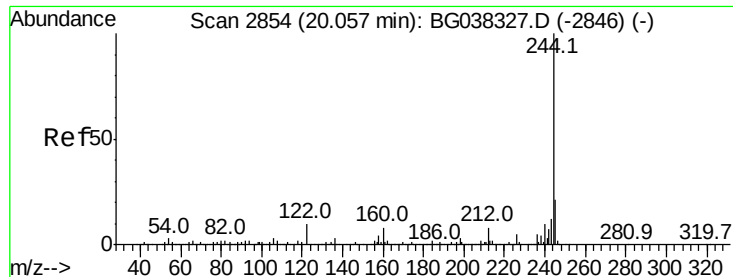
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038394.D
 Acq: 6 Dec 2018 23:08

Tgt Ion:240 Resp: 217616
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.1 12.1
 236 27.5 21.4 32.0



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: 79.529 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

Instrument :

BNA_G

ClientSampleId :

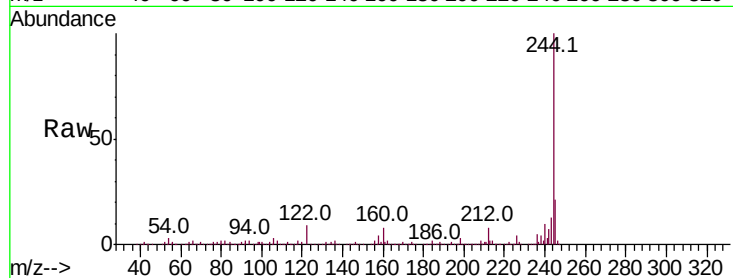
Tot Ion:244 Resp: 807877

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 8.5 9.0 13.4#



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

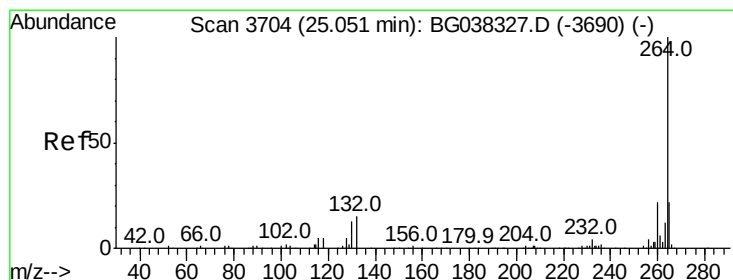
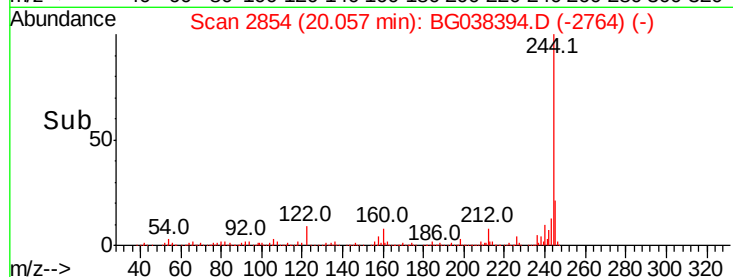
600000 20.06

400000

200000

0

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

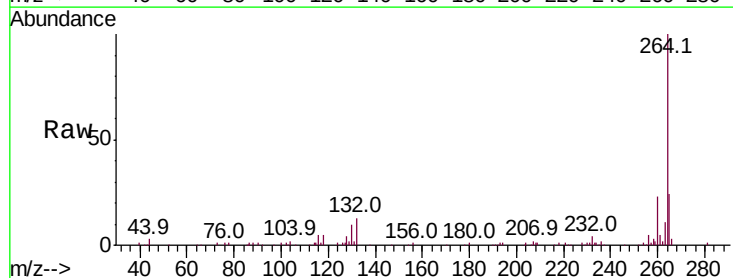
Tgt Ion:264 Resp: 184578

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 23.9 17.9 26.9



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

80000 25.04

60000

40000

20000

0

Time-->

