

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038139.D
 Acq On : 26 Nov 2018 17:26
 Operator : JU/SJ
 Sample : J6031-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 18:04:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

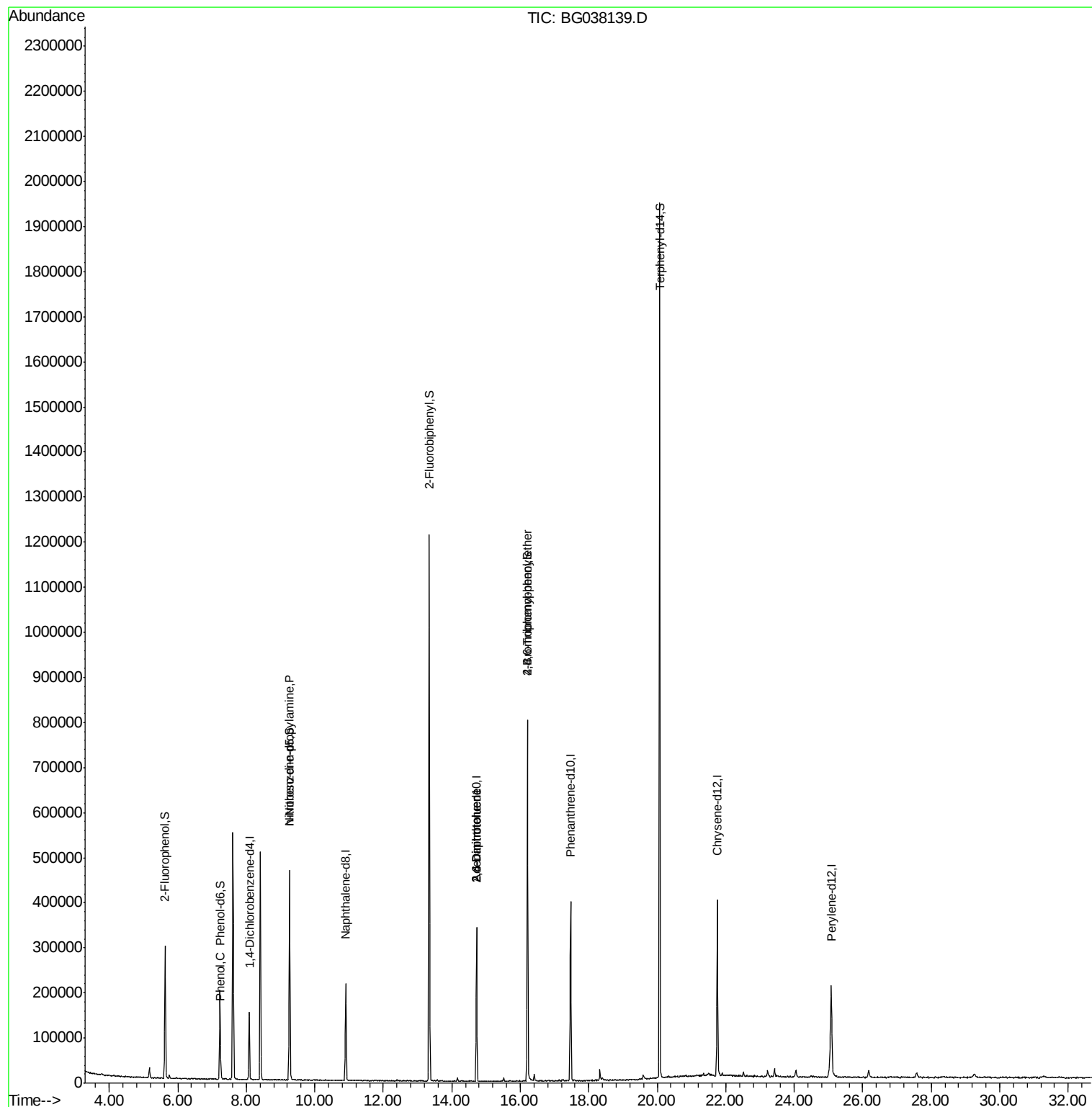
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43051	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	192810	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119107	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	261440	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237597	20.00	ng	0.00
87) Perylene-d12	25.08	264	240804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	136300	54.66	ng	0.00
7) Phenol-d6	7.23	99	120475	33.85	ng	0.00
23) Nitrobenzene-d5	9.26	82	293901	81.60	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148427	109.27	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	654404	80.04	ng	0.00
79) Terphenyl-d14	20.07	244	906318	89.76	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10043	2.664	ng	89
19) n-Nitroso-di-n-propylamine	9.26	70	37246	14.462	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	15441	7.225	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15441	5.310	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	11086	3.863	ng	# 1

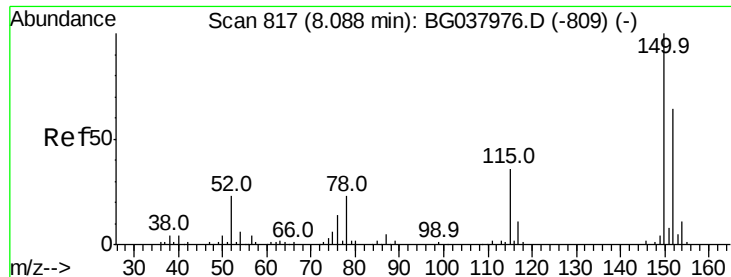
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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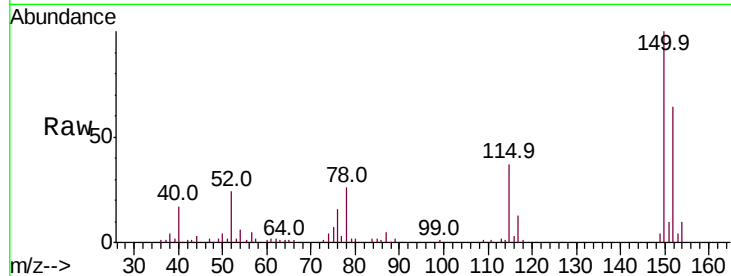


#1

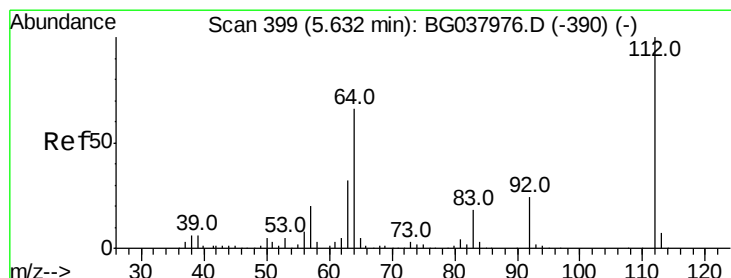
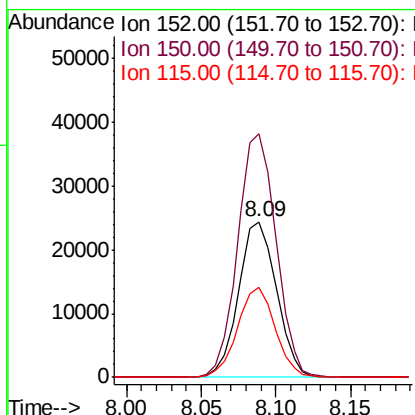
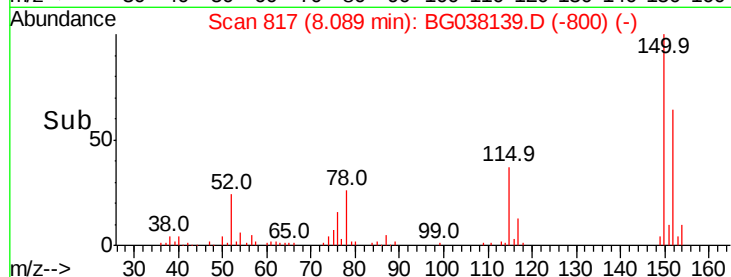
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43051
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 58.0 45.5 68.3



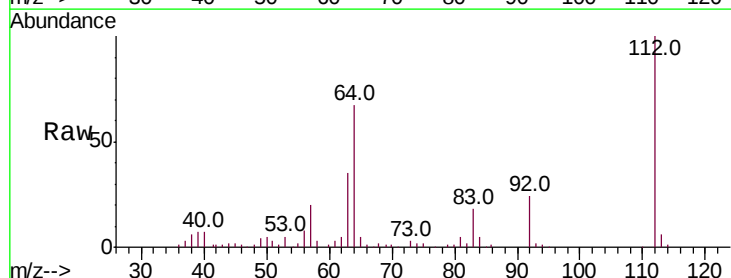
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



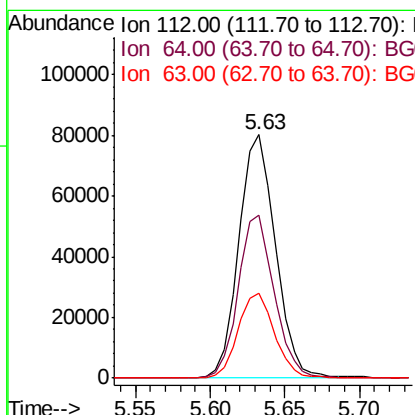
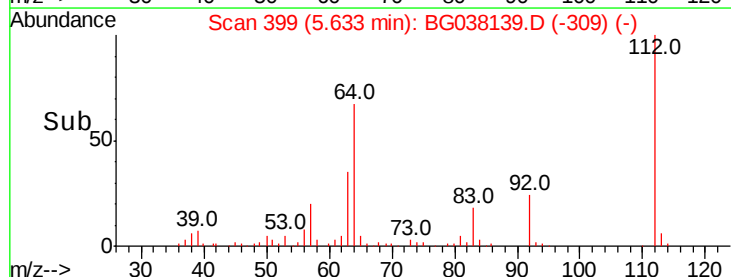
#5

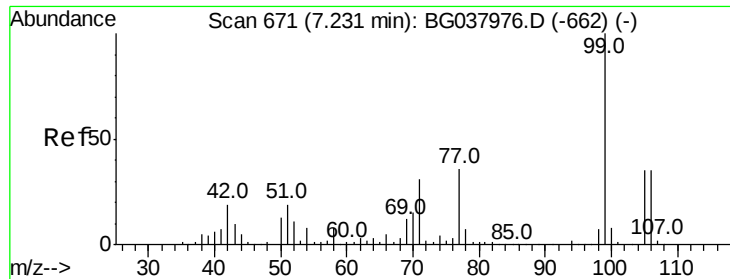
2-Fluorophenol
Concen: 54.663 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Tgt Ion:112 Resp: 136300
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 34.6 27.3 40.9



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: 33.848 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

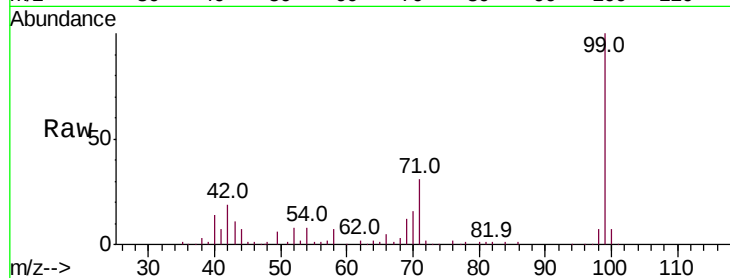
Tot Ion: 99 Resp: 120475

Ion Ratio Lower Upper

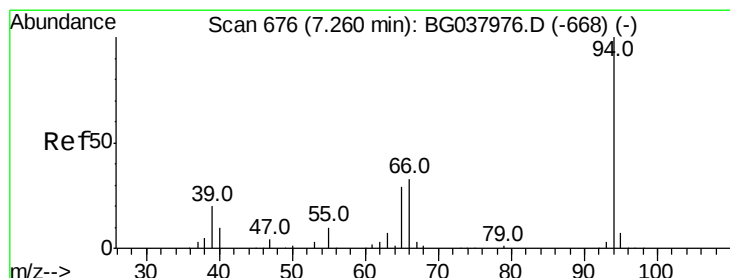
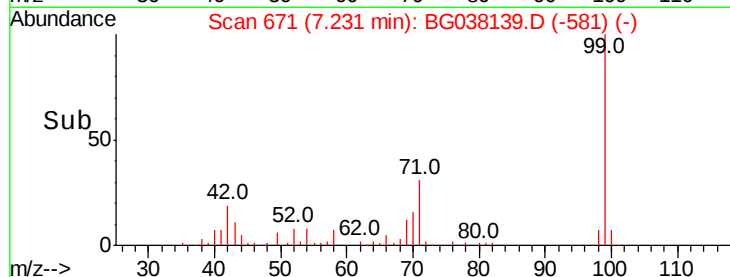
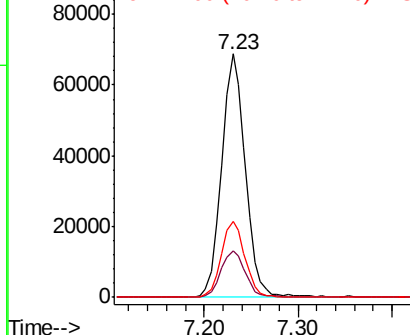
99 100

42 19.2 15.0 22.4

71 31.3 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: 2.664 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

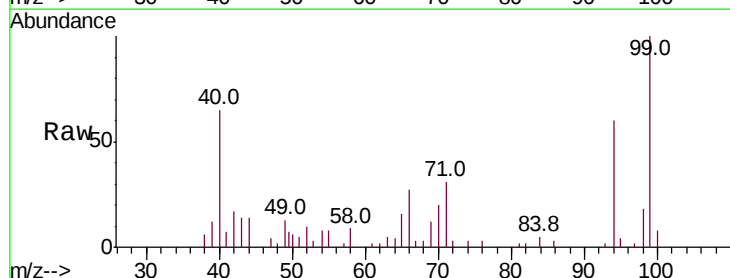
Tgt Ion: 94 Resp: 10043

Ion Ratio Lower Upper

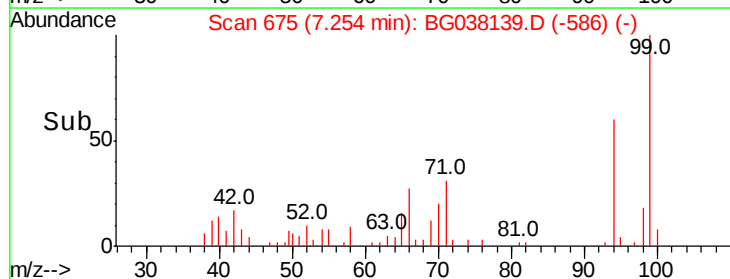
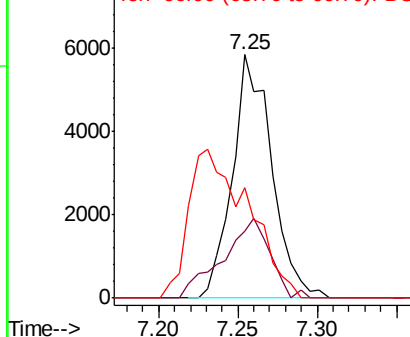
94 100

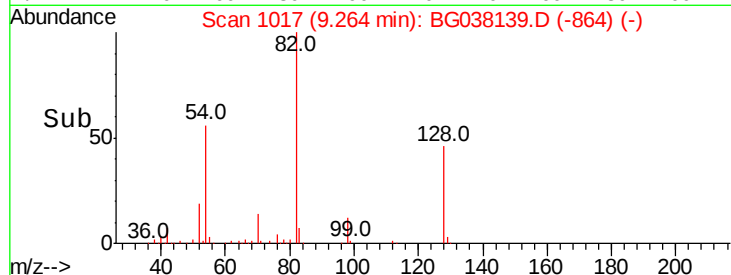
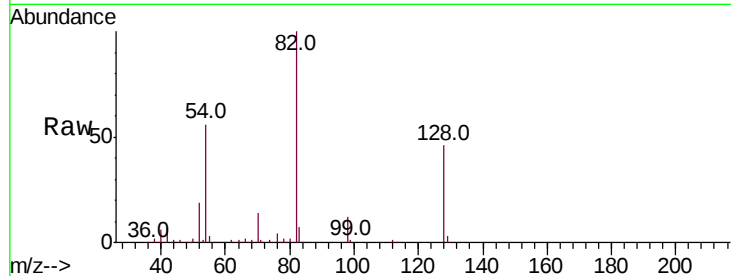
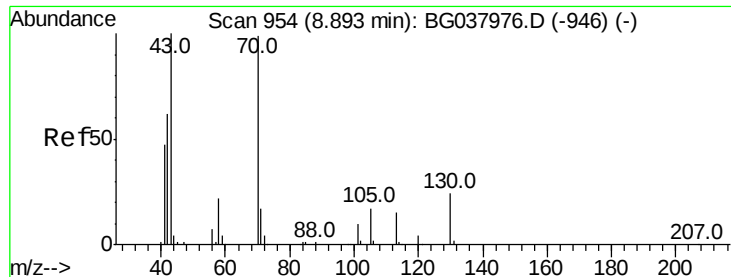
65 27.6 9.7 49.7

66 45.5 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

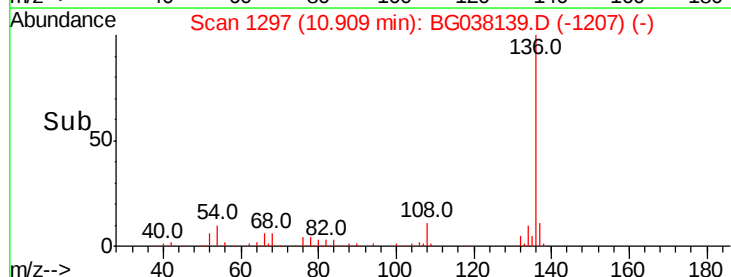
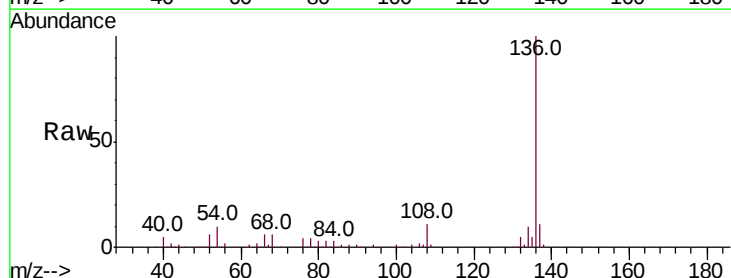
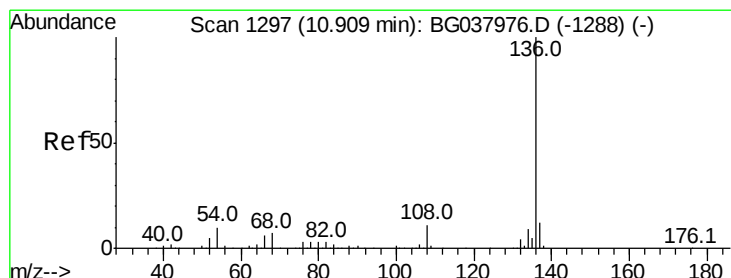
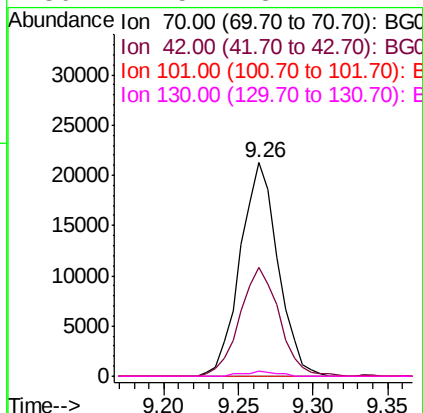




#19
n-Nitroso-di-n-propylamine
Concen: 14.462 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

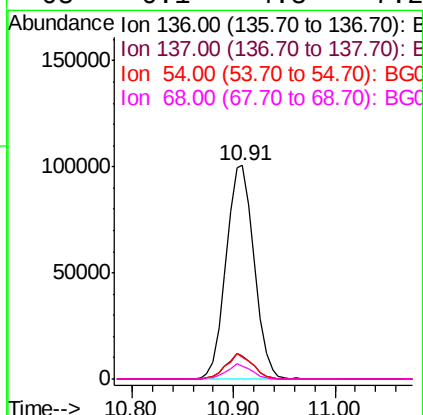
Instrument :
BNA_G
ClientSampleId :

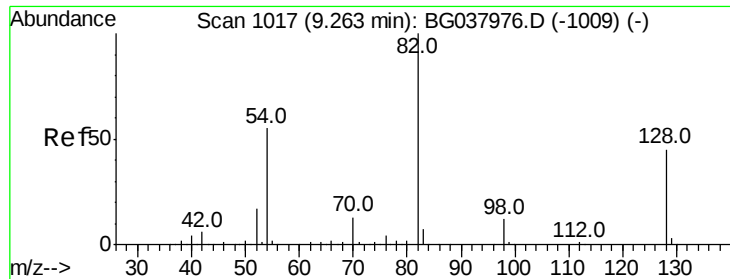
Tot Ion: 70 Resp: 37246
Ion Ratio Lower Upper
70 100
42 51.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Tgt Ion: 136 Resp: 192810
Ion Ratio Lower Upper
136 100
137 10.9 9.6 14.4
54 10.2 7.9 11.9
68 6.1 4.8 7.2

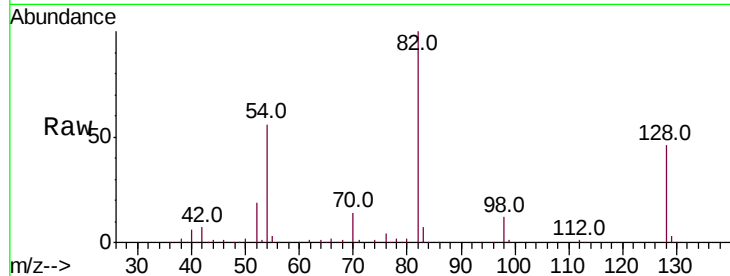




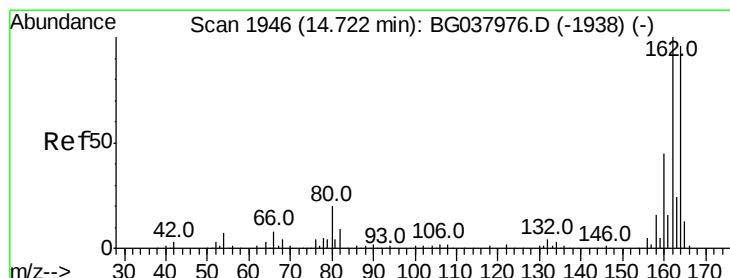
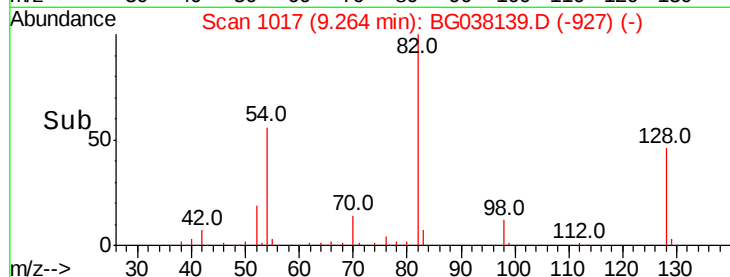
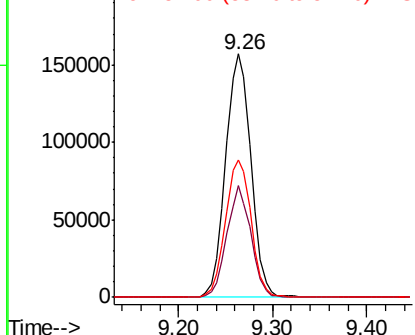
#23
Nitrobenzene-d5
Concen: 81.597 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	56.5	45.3	67.9

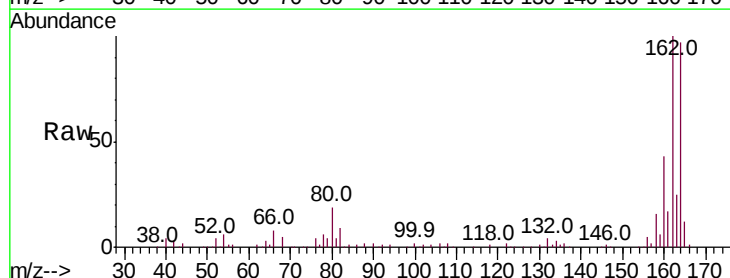


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

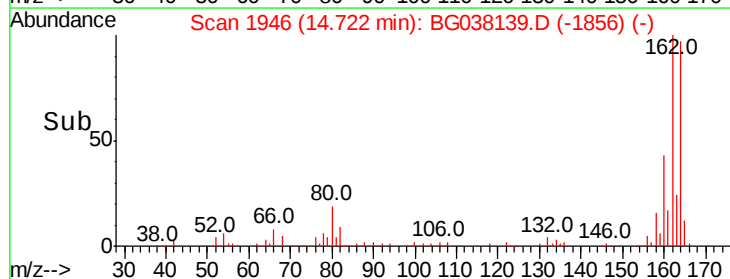
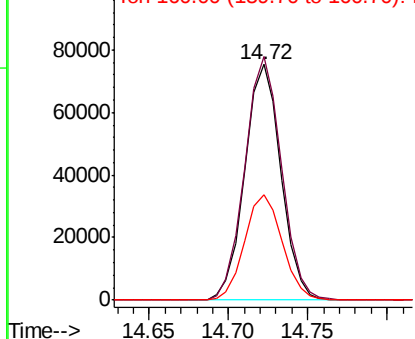


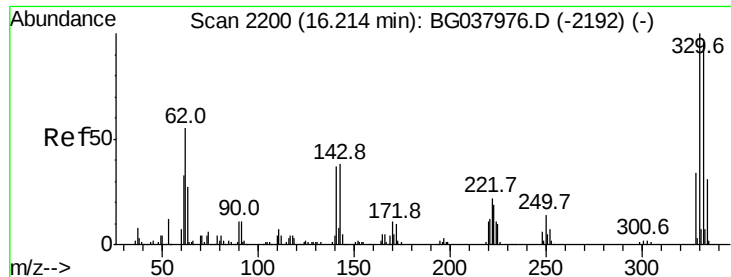
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	44.5	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

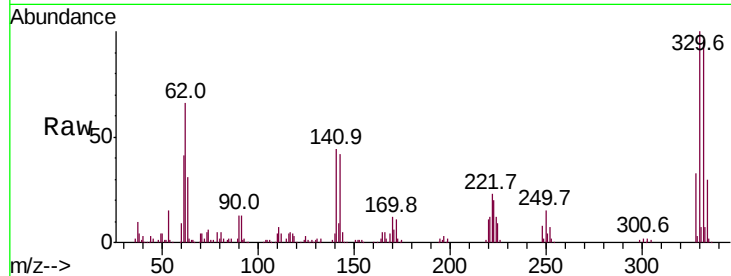




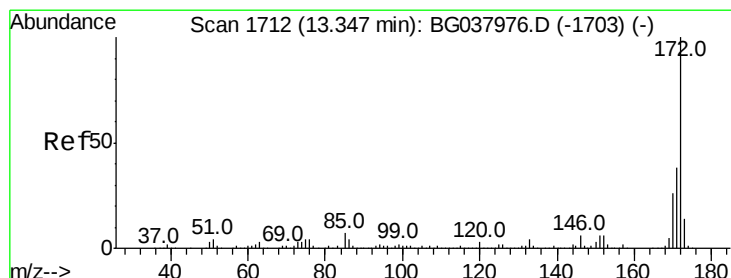
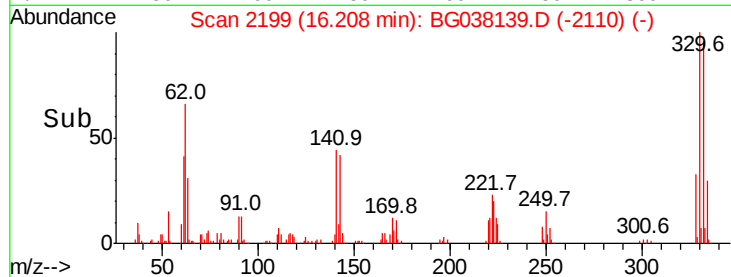
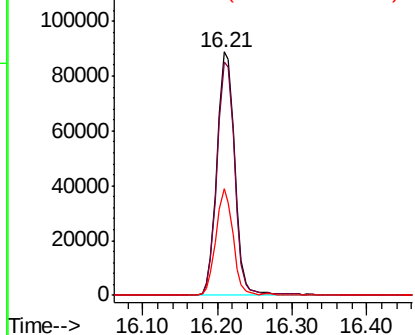
#42
 2,4,6-Tribromophenol
 Concen: 109.267 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	41.3	32.2	48.2

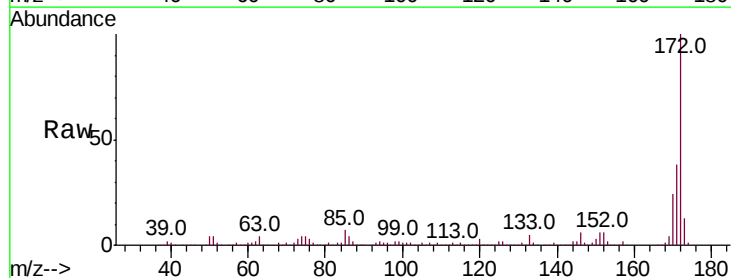


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

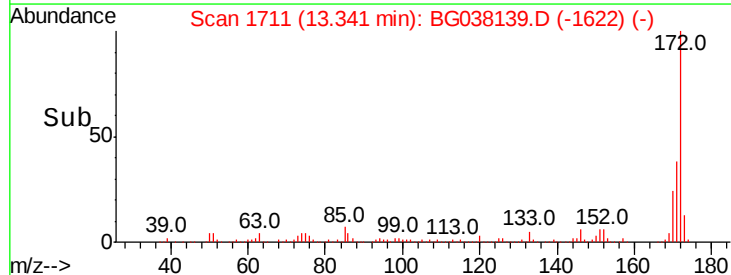
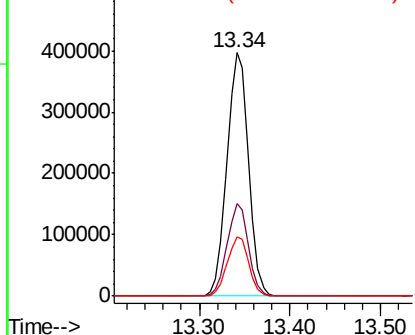


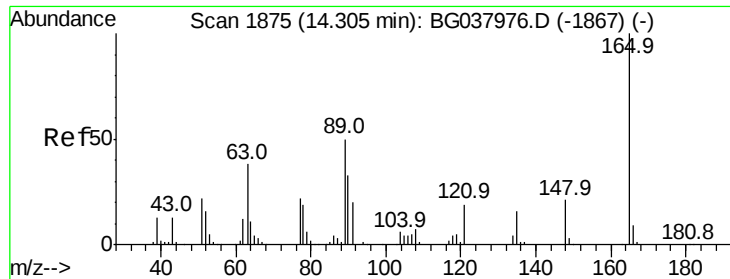
#45
 2-Fluorobiphenyl
 Concen: 80.043 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.3	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

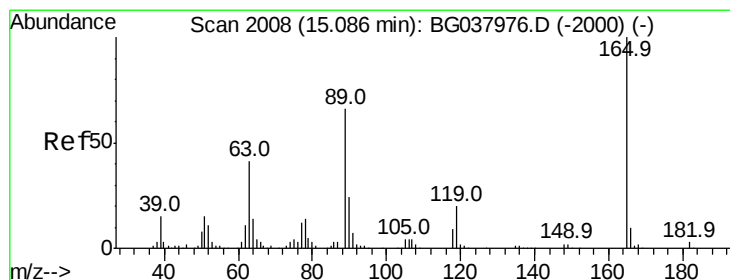
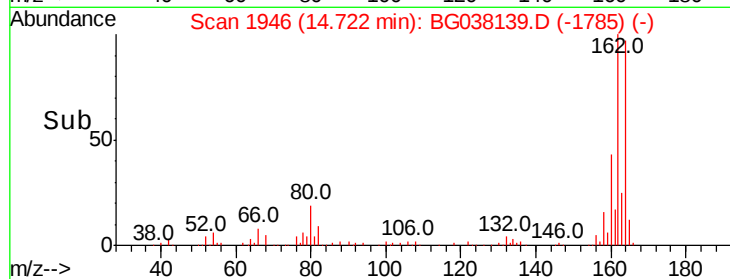
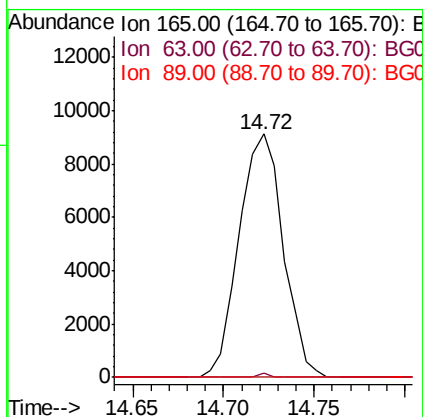
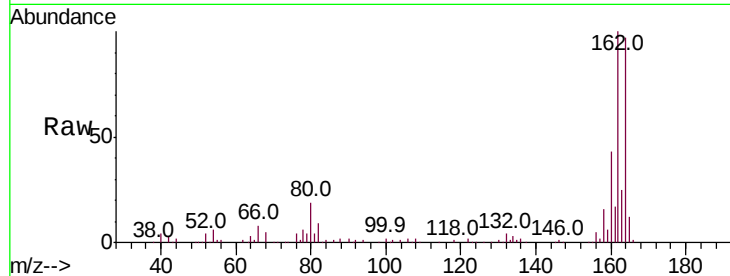




#51
 2,6-Dinitrotoluene
 Concen: 7.225 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

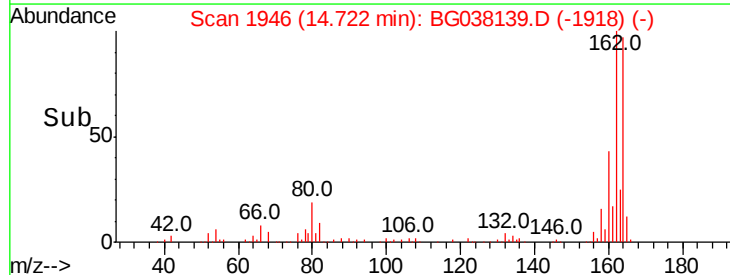
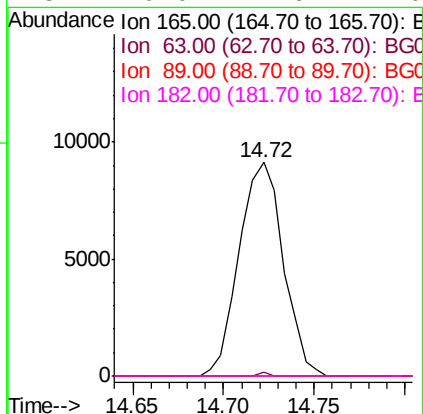
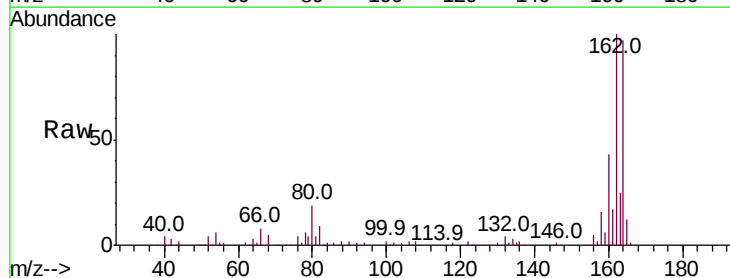
Instrument :
 BNA_G
 ClientSampleId :

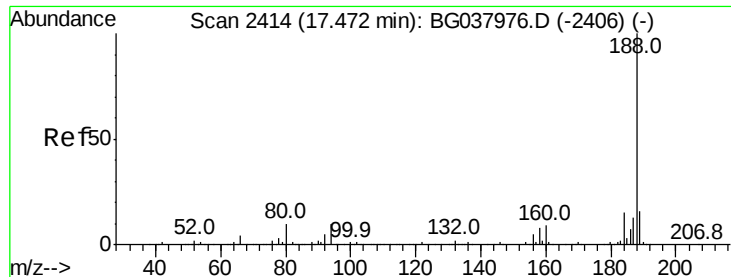
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.310 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

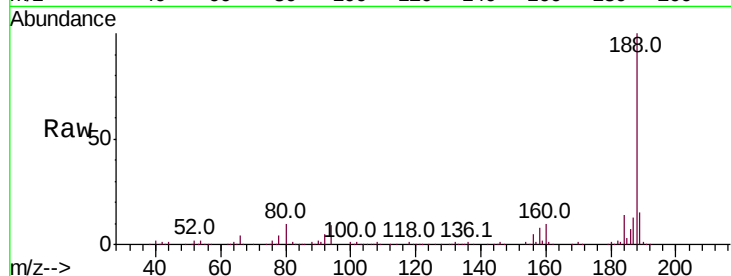
Tot Ion:188 Resp: 261440

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

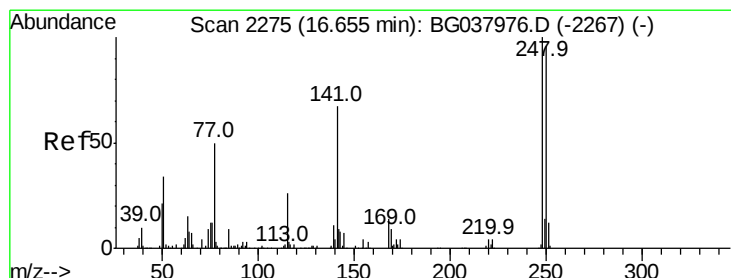
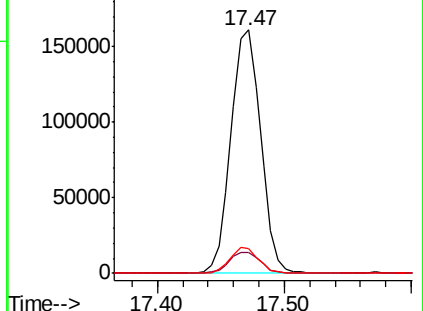
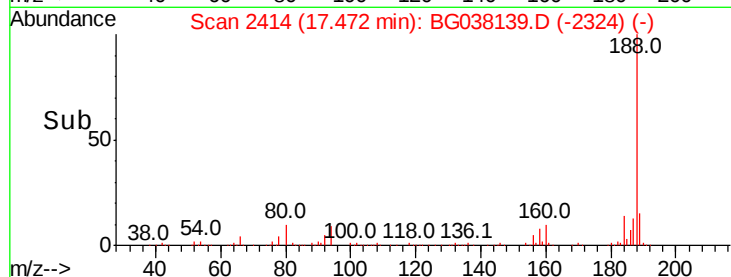
80 9.9 7.7 11.5



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: 3.863 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

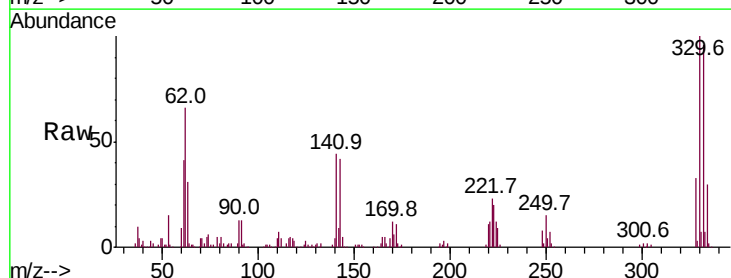
Tgt Ion:248 Resp: 11086

Ion Ratio Lower Upper

248 100

250 195.3 77.0 115.6#

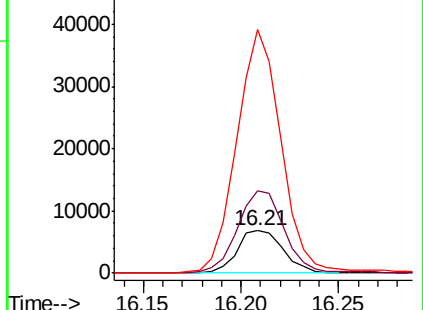
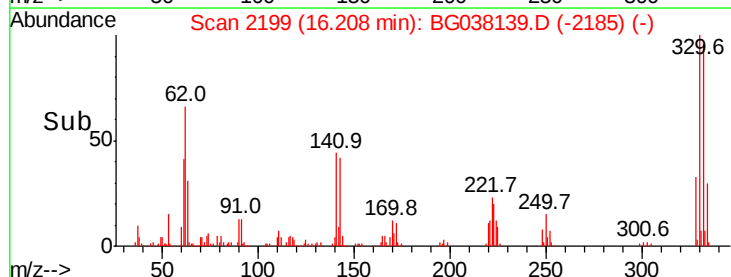
141 449.5 55.5 83.3#

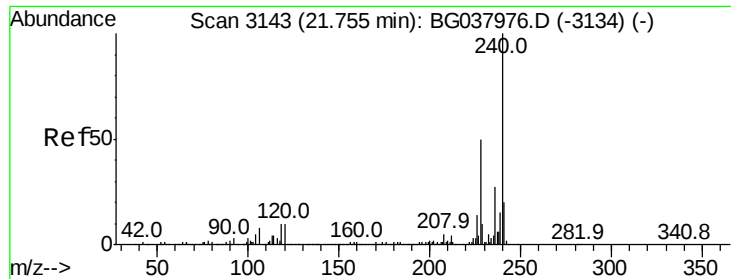


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

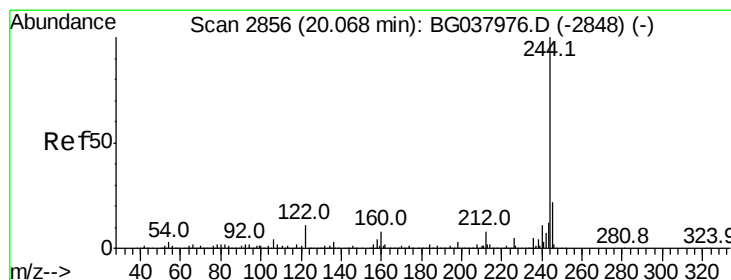
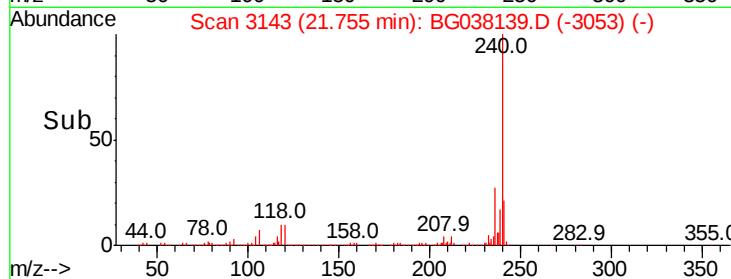
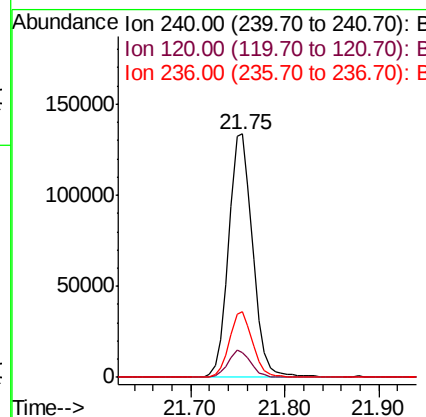
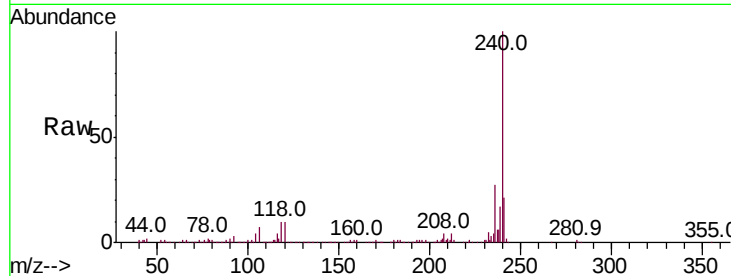




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

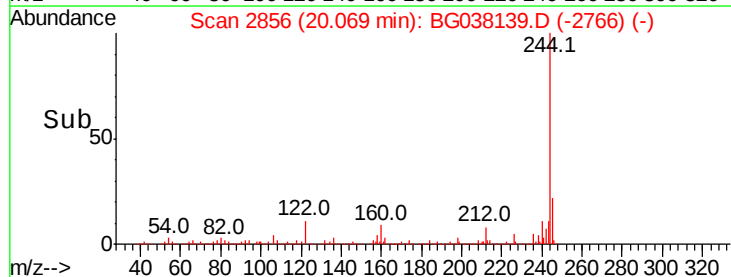
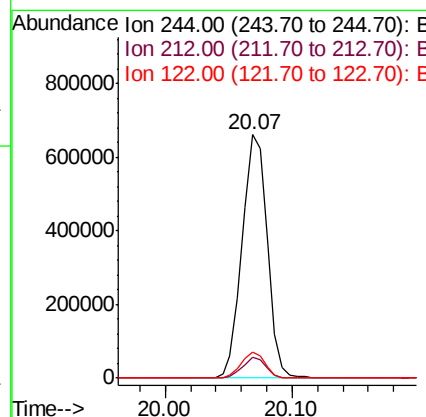
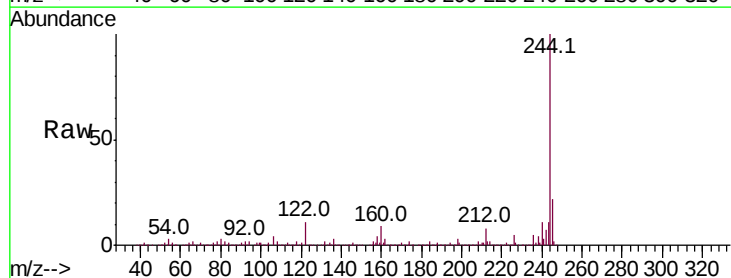
Instrument :
 BNA_G
 ClientSampleId :

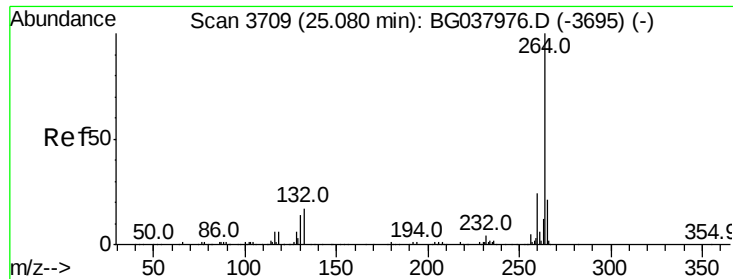
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.8	21.4	32.0



#79
 Terphenyl-d14
 Concen: 89.756 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.9	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.4	17.9	26.9

