

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038388.D
 Acq On : 6 Dec 2018 18:33
 Operator : JU/SJ
 Sample : J6225-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 21:05:27 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	27677	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	135964	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	77439	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	198179	20.00	ng	0.00
76) Chrysene-d12	21.73	240	194528	20.00	ng	-0.01
87) Perylene-d12	25.04	264	205922	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	60458	38.66	ng	0.00
7) Phenol-d6	7.21	99	48816	21.60	ng	-0.01
23) Nitrobenzene-d5	9.25	82	186485	68.10	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	79783	83.92	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	417651	76.85	ng	0.00
79) Terphenyl-d14	20.05	244	719709	79.26	ng	0.00

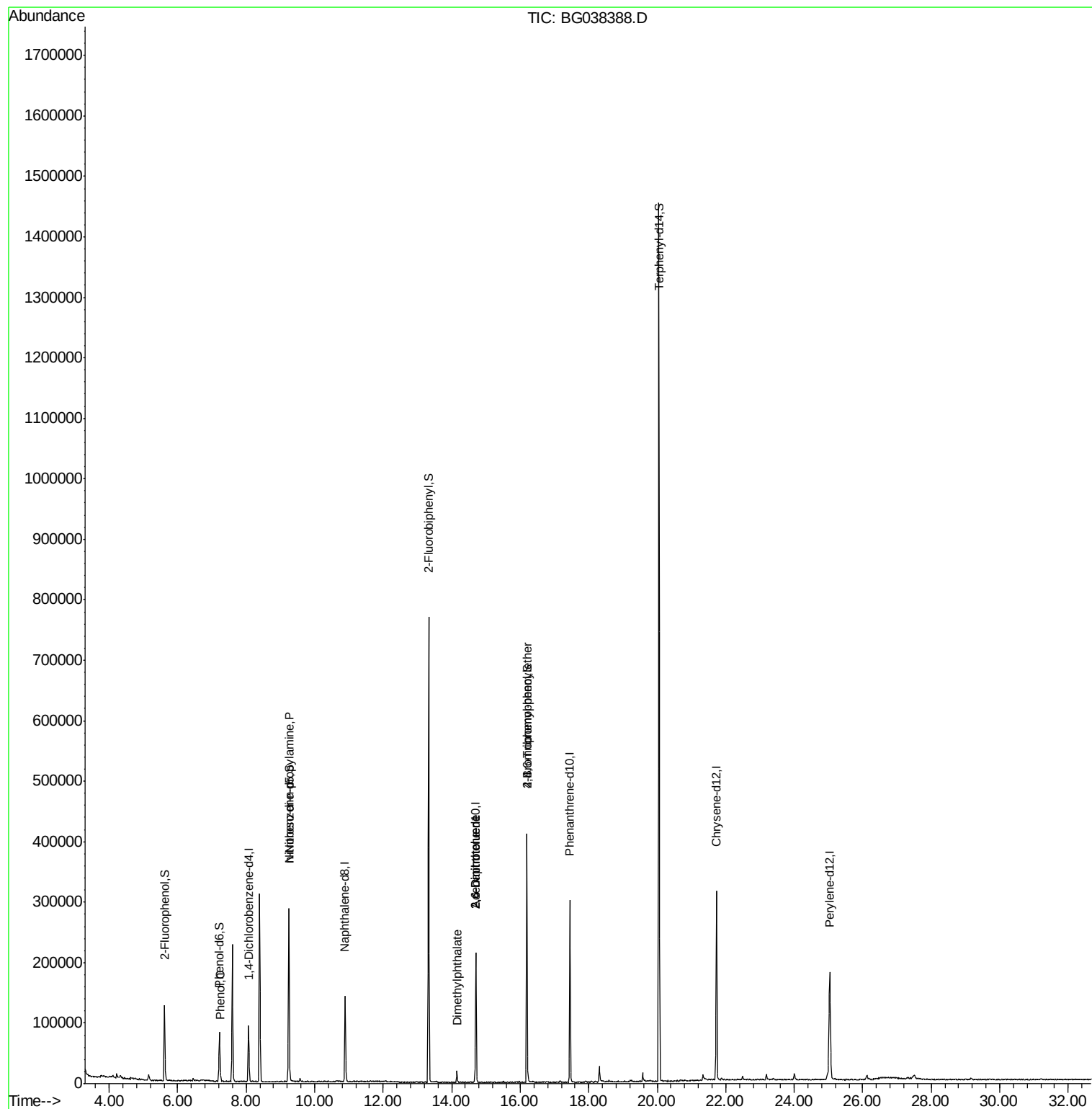
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.24	94	8695	3.641	ng	91
19) n-Nitroso-di-n-propylamine	9.24	70	24298	13.302	ng	# 72
50) Dimethylphthalate	14.15	163	15895	2.559	ng	# 97
51) 2,6-Dinitrotoluene	14.70	165	9911	6.985	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	9911	5.065	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	4940	2.308	ng	# 1

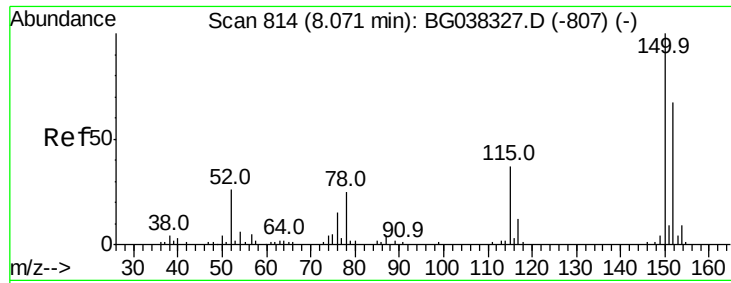
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038388.D
Acq On : 6 Dec 2018 18:33
Operator : JU/SJ
Sample : J6225-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 06 21:05:27 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



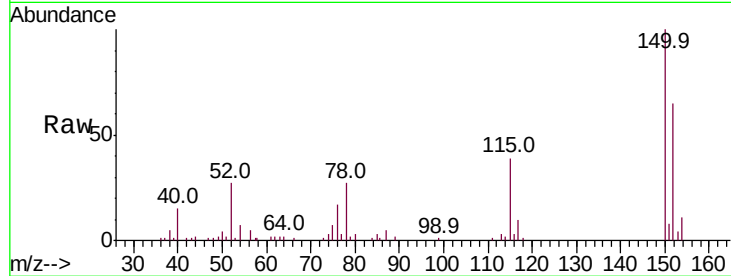


#1

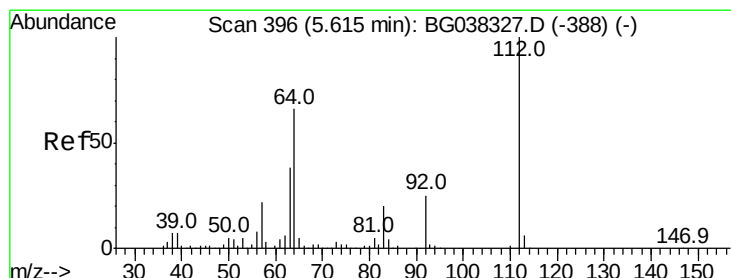
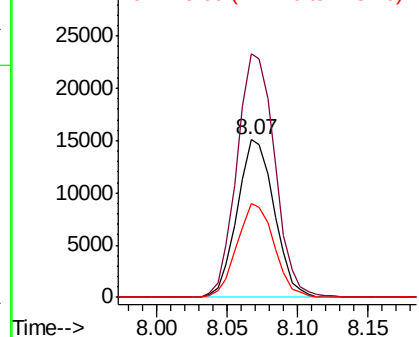
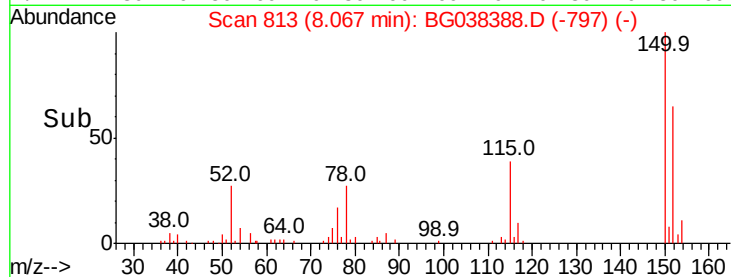
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27677
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 59.6 45.5 68.3



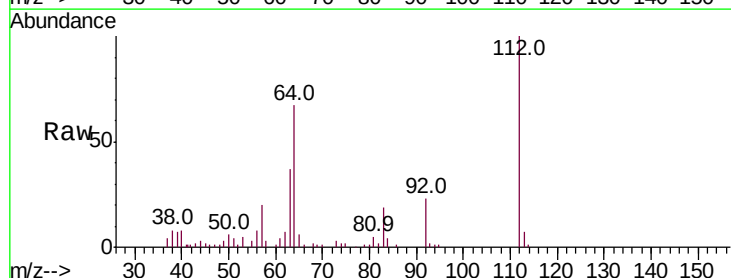
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



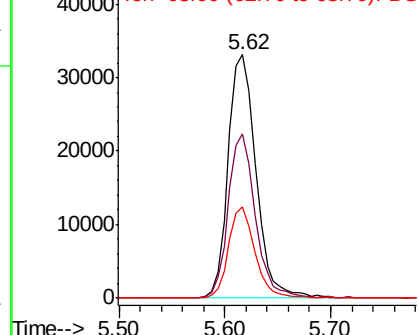
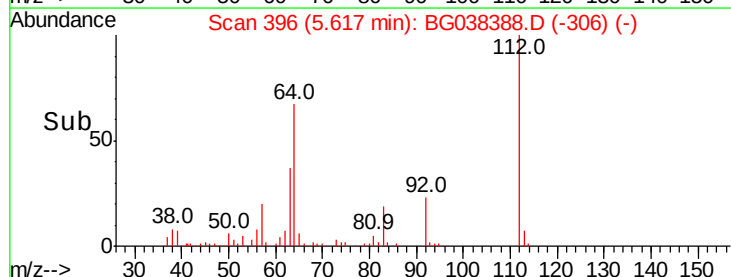
#5

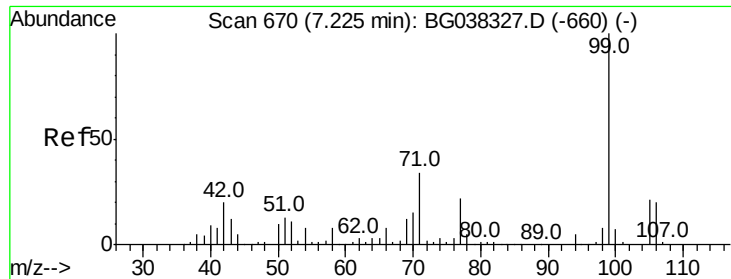
2-Fluorophenol
Concen: 38.656 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

Tgt Ion:112 Resp: 60458
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 37.3 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: 21.595 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038388.D

Acq: 6 Dec 2018 18:33

Instrument :

BNA_G

ClientSampleId :

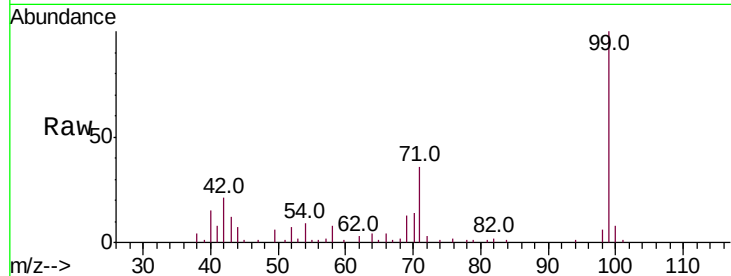
Tot Ion: 99 Resp: 48816

Ion Ratio Lower Upper

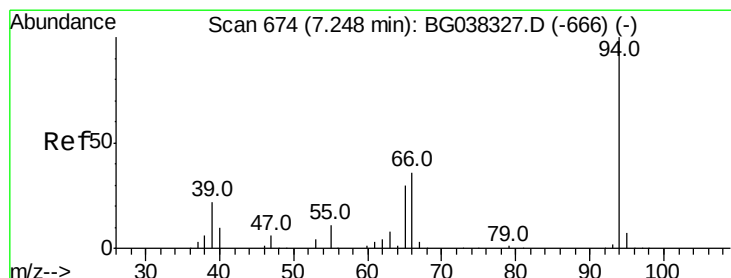
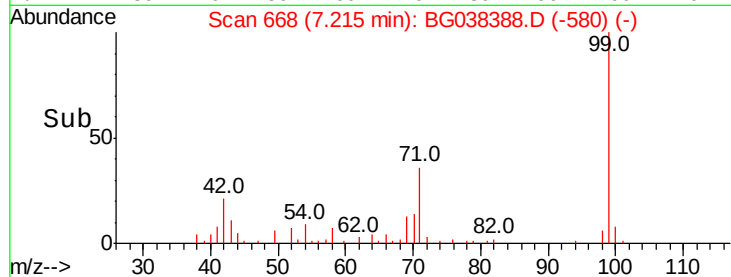
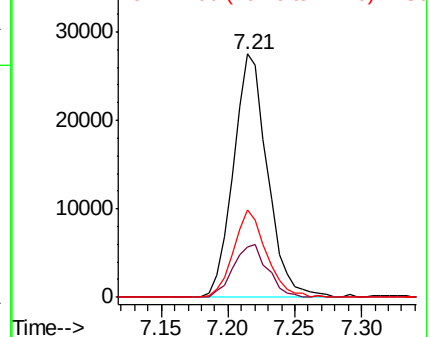
99 100

42 20.8 15.0 22.4

71 36.1 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: 3.641 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038388.D

Acq: 6 Dec 2018 18:33

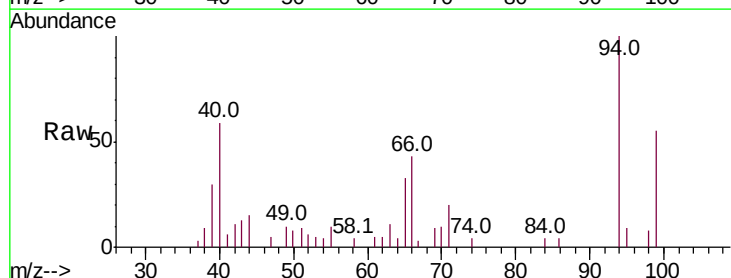
Tgt Ion: 94 Resp: 8695

Ion Ratio Lower Upper

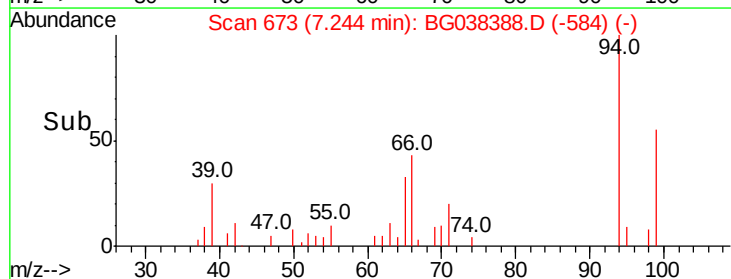
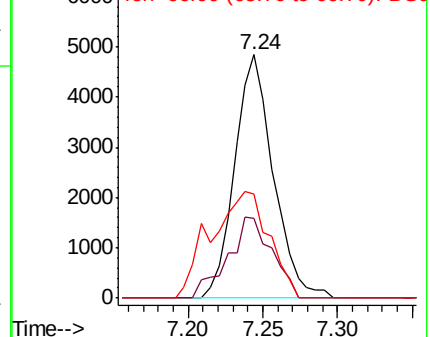
94 100

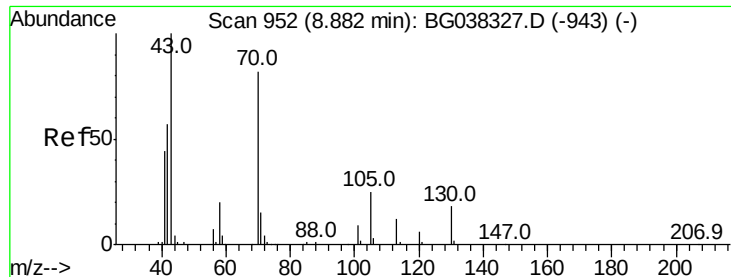
65 32.6 9.7 49.7

66 42.7 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

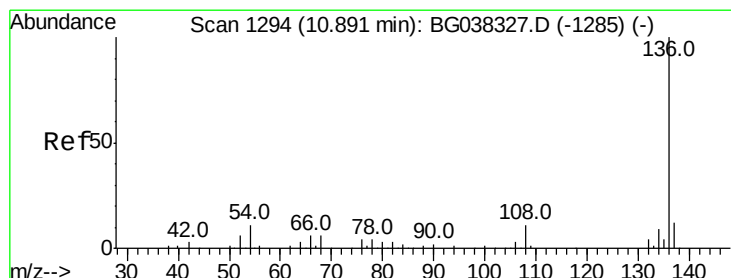
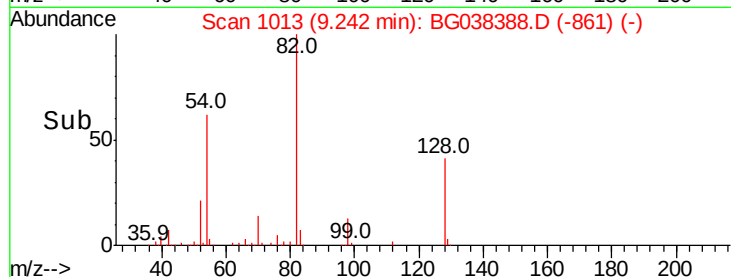
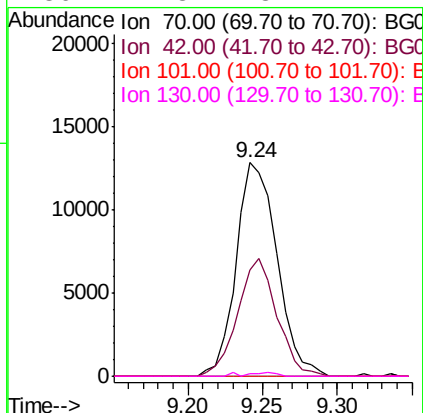
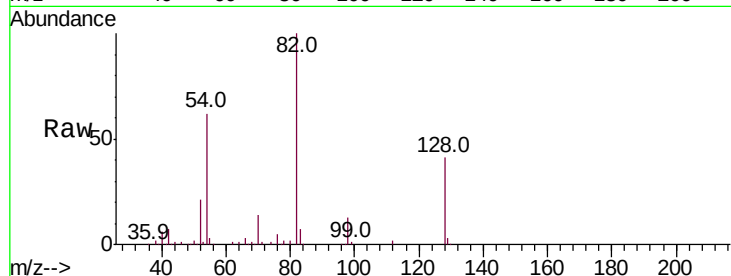




#19
n-Nitroso-di-n-propylamine
Concen: 13.302 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.36 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

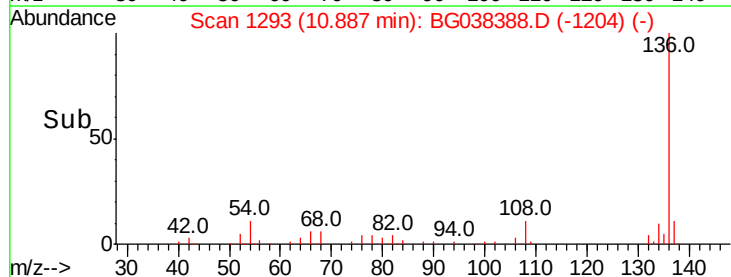
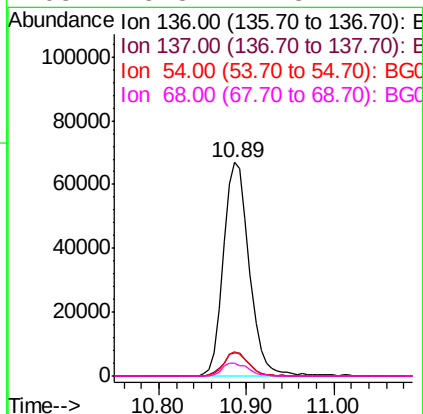
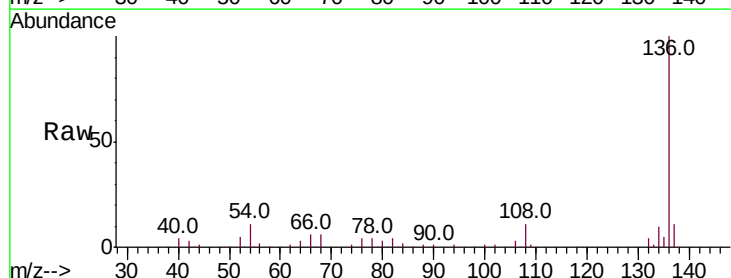
Instrument :
BNA_G
ClientSampleId :

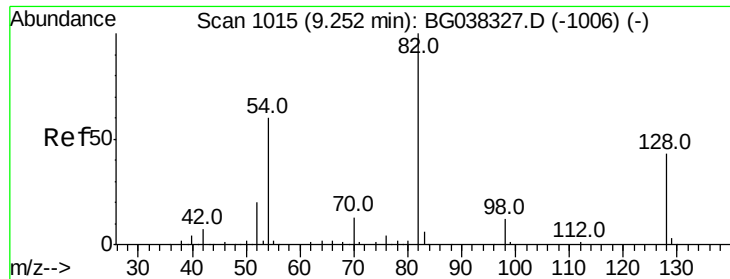
Tot Ion: 70 Resp: 24298
Ion Ratio Lower Upper
70 100
42 49.5 53.9 80.9#
101 0.0 8.2 12.2#
130 1.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

Tgt Ion: 136 Resp: 135964
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 11.3 7.9 11.9
68 5.8 4.8 7.2

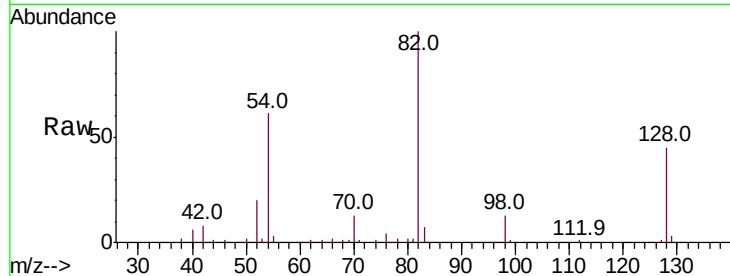




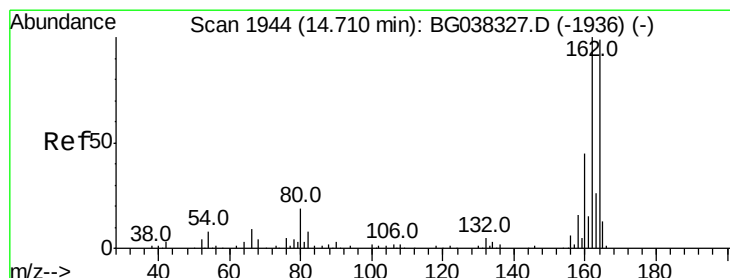
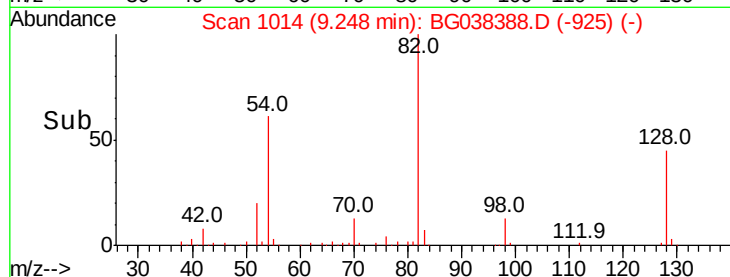
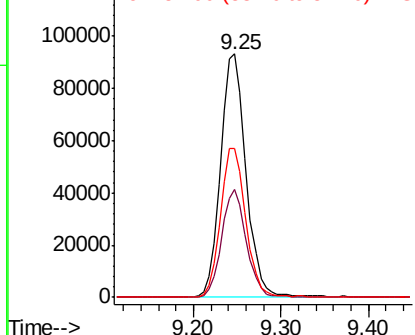
#23
Nitrobenzene-d5
Concen: 68.096 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 186485
Ion Ratio Lower Upper
82 100
128 44.6 34.6 51.8
54 61.4 45.3 67.9

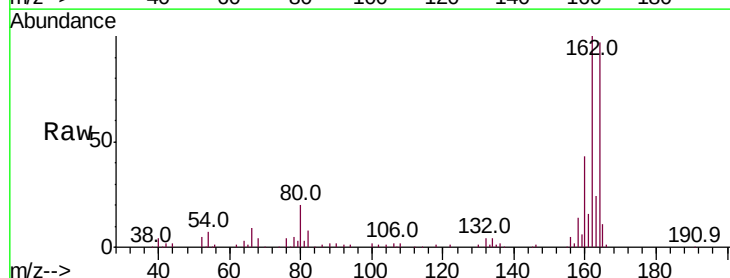


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

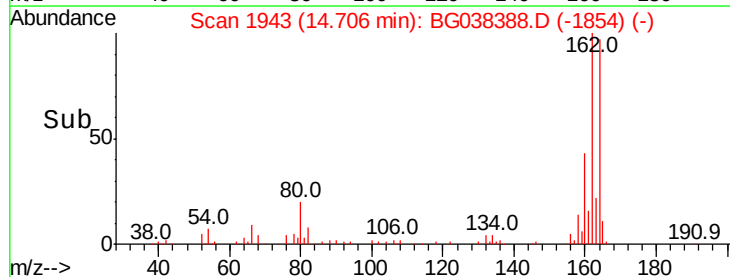
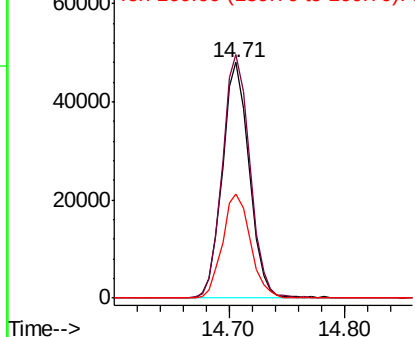


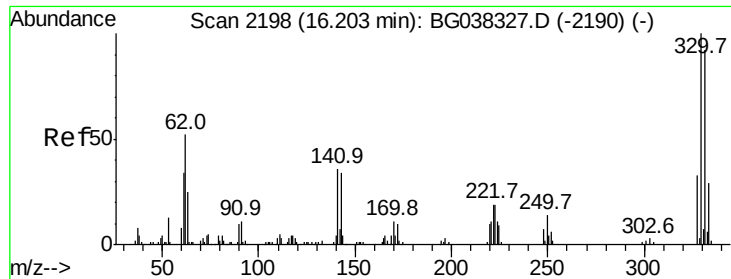
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

Tgt Ion:164 Resp: 77439
Ion Ratio Lower Upper
164 100
162 103.3 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

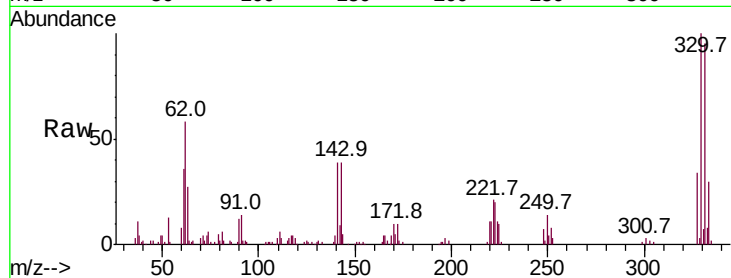




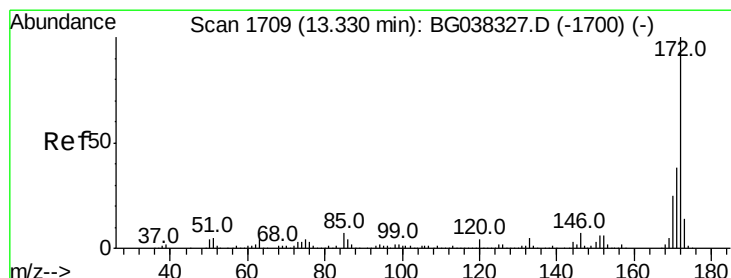
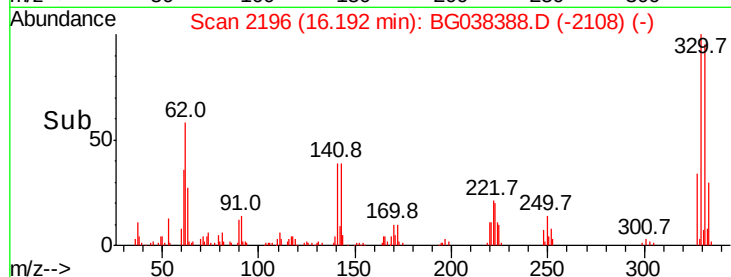
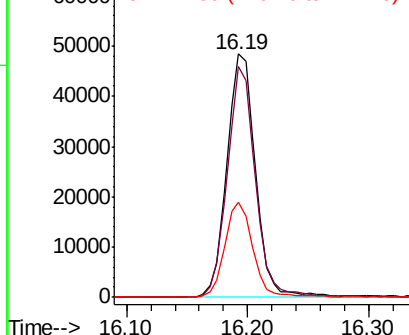
#42
 2,4,6-Tribromophenol
 Concen: 83.924 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	78.4	117.6
141	37.9	32.2	48.2

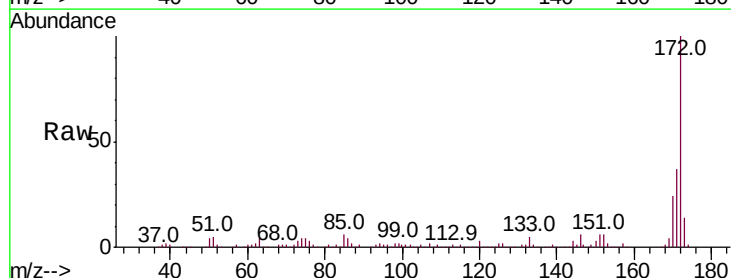


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

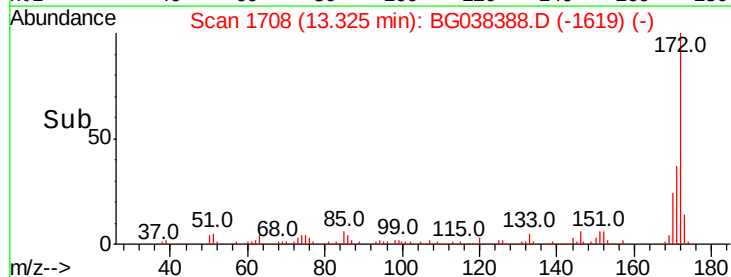
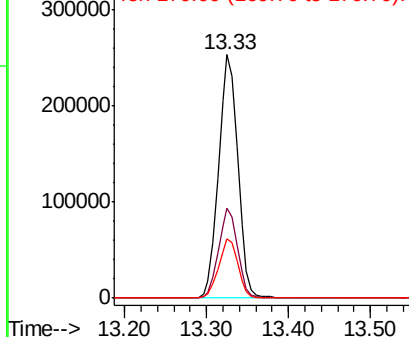


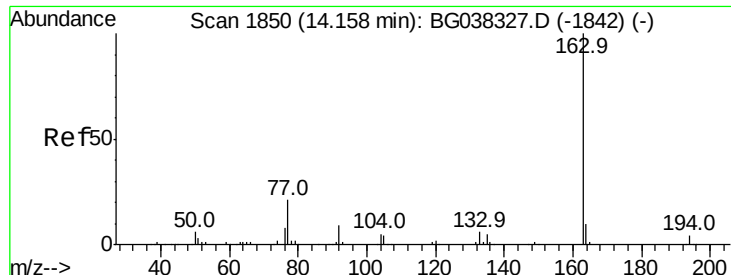
#45
 2-Fluorobiphenyl
 Concen: 76.850 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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

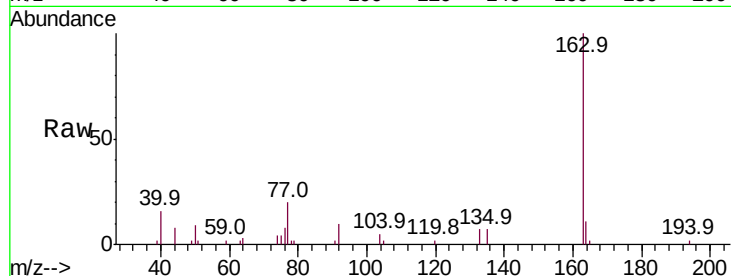




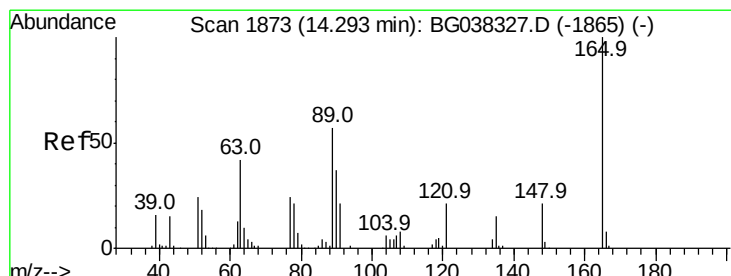
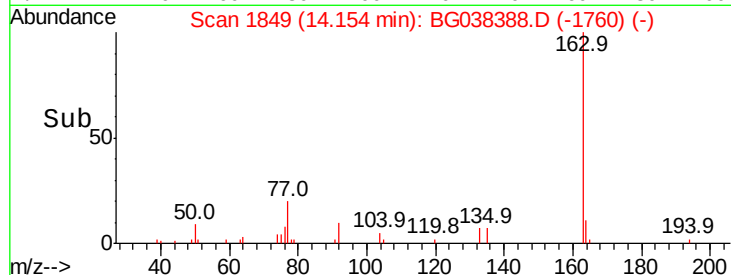
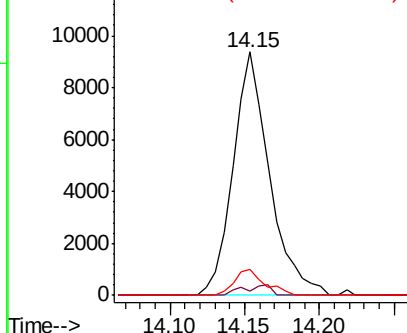
#50
Dimethylphthalate
Concen: 2.559 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 15895
Ion Ratio Lower Upper
163 100
194 1.8 3.5 5.3#
164 10.9 8.5 12.7

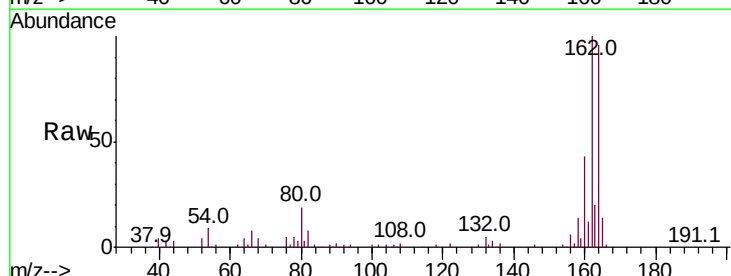


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

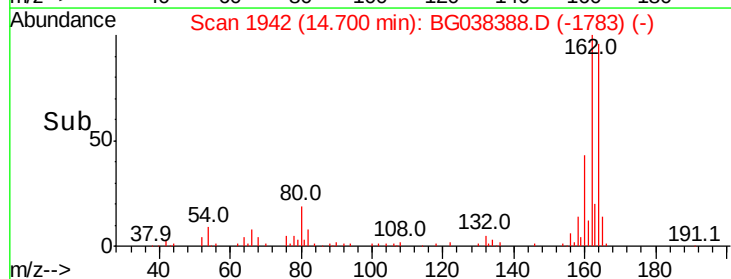
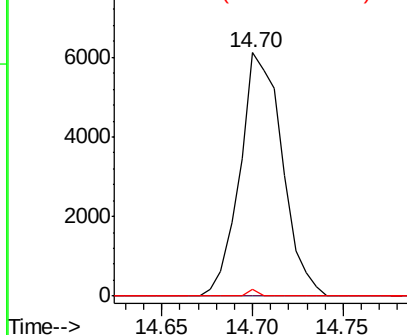


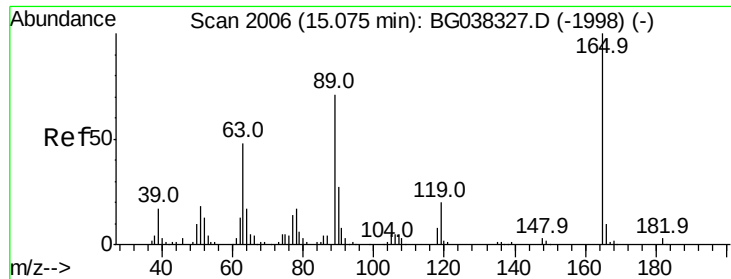
#51
2,6-Dinitrotoluene
Concen: 6.985 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.41 min
Lab File: BG038388.D
Acq: 6 Dec 2018 18:33

Tgt Ion:165 Resp: 9911
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 2.8 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

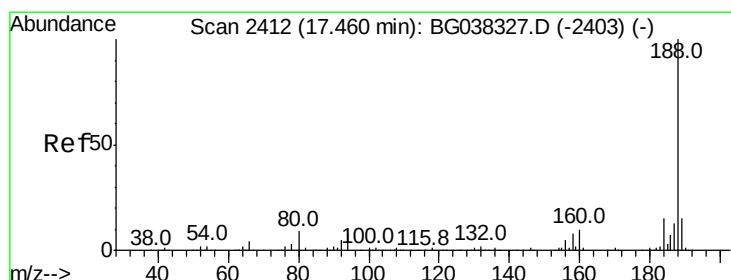
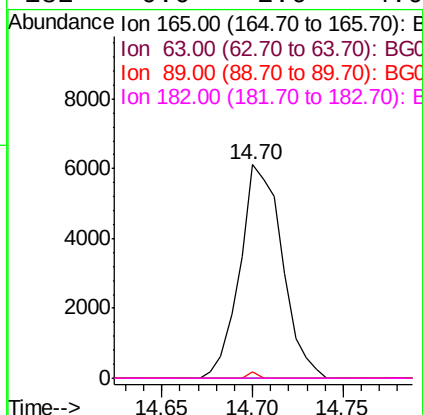
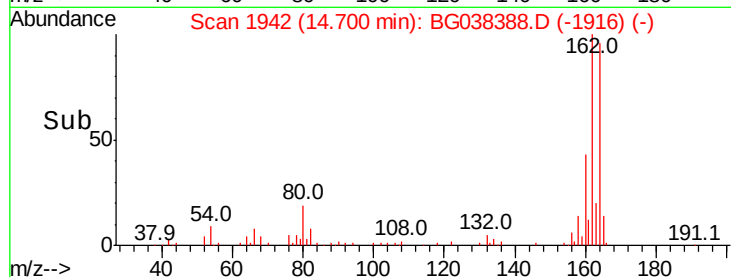
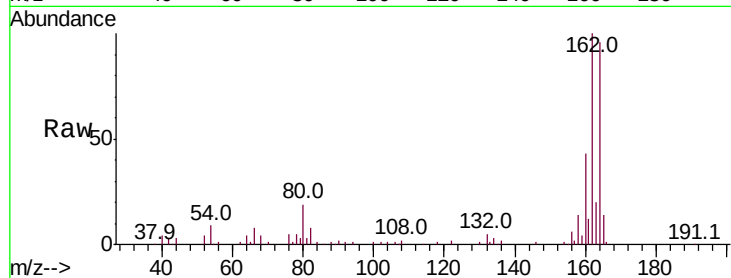




#57
 2,4-Dinitrotoluene
 Concen: 5.065 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

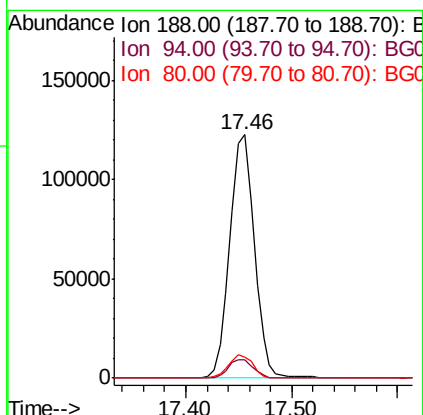
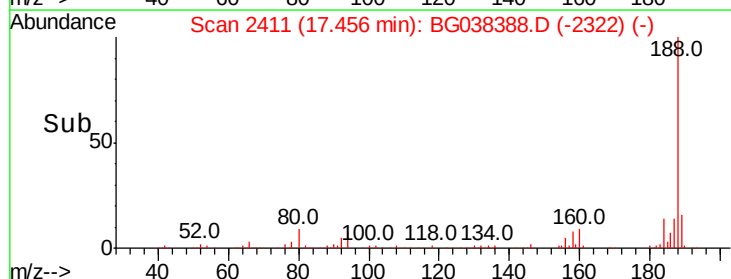
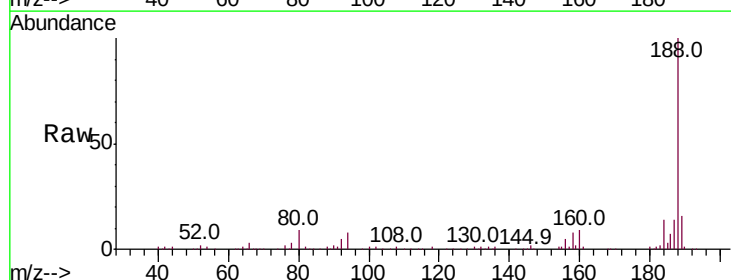
Instrument :
 BNA_G
 ClientSampleId :

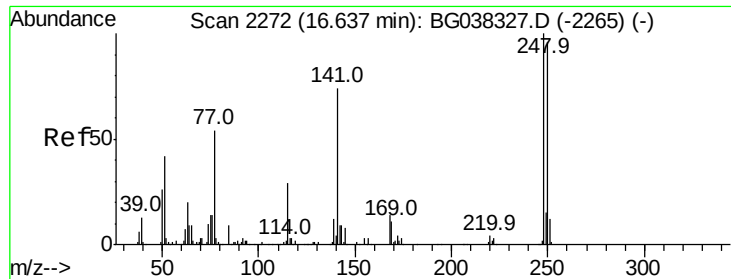
Tot Ion:165 Resp: 9911
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 2.8 57.2 85.8#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

Tgt Ion:188 Resp: 198179
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.2 10.8
 80 8.7 7.7 11.5

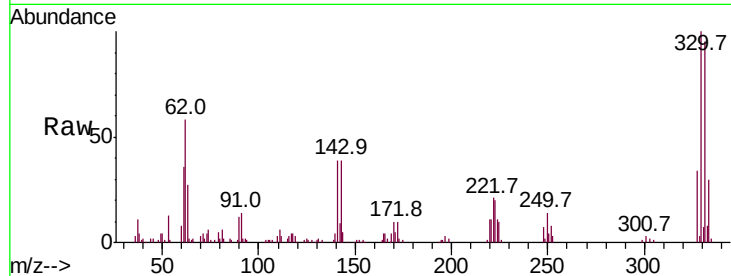




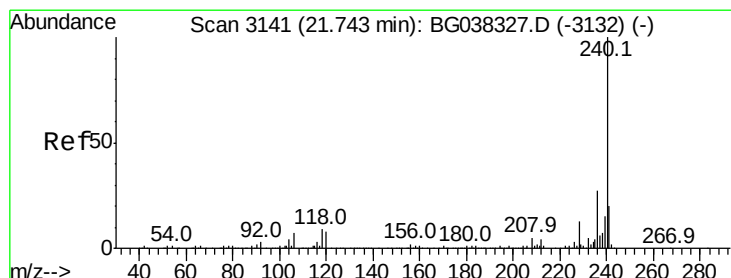
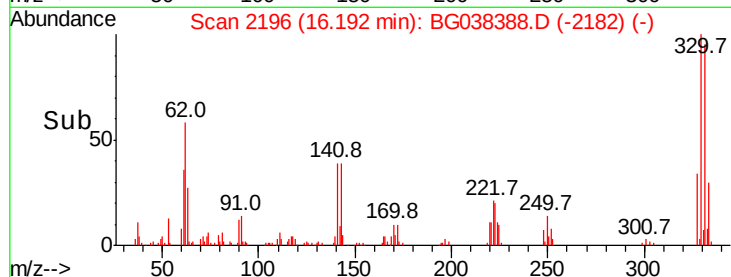
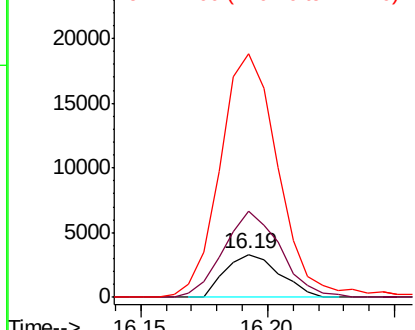
#67
 4-Bromophenyl-phenylether
 Concen: 2.308 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.45 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 4940
 Ion Ratio Lower Upper
 248 100
 250 199.0 77.0 115.6#
 141 436.1 55.5 83.3#

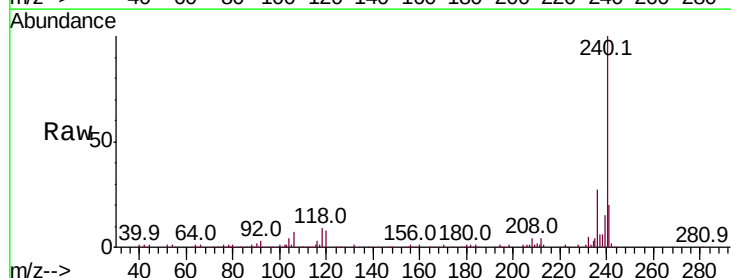


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

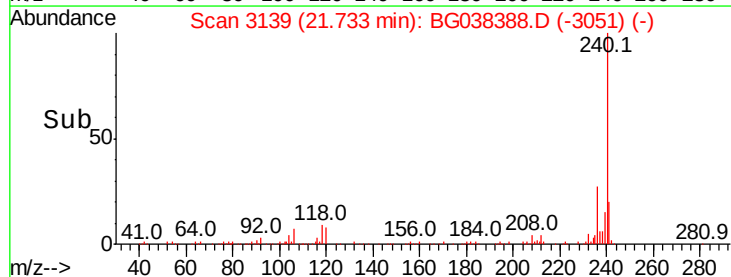
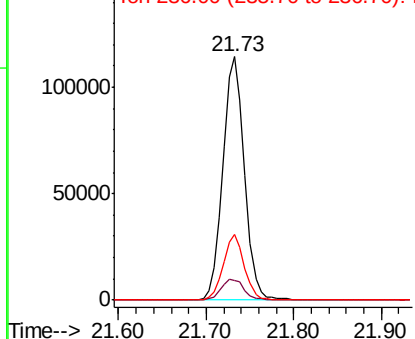


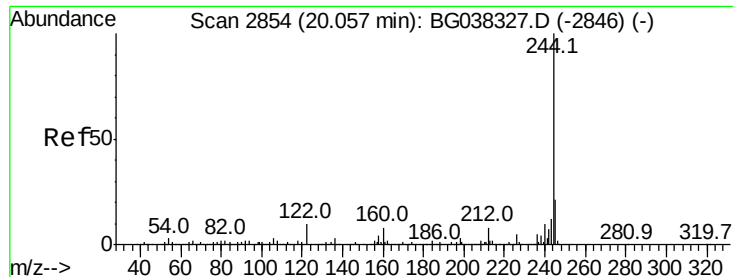
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

Tgt Ion:240 Resp: 194528
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.1 12.1#
 236 26.9 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



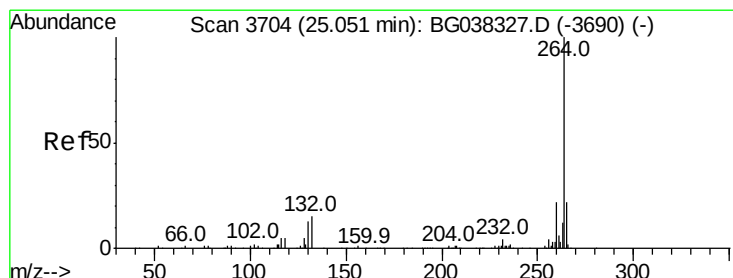
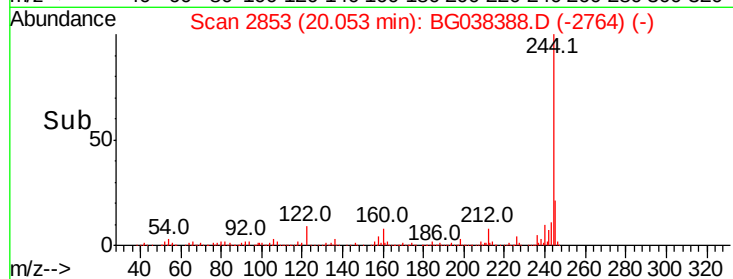
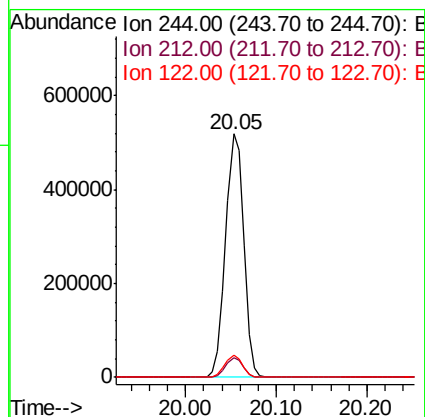
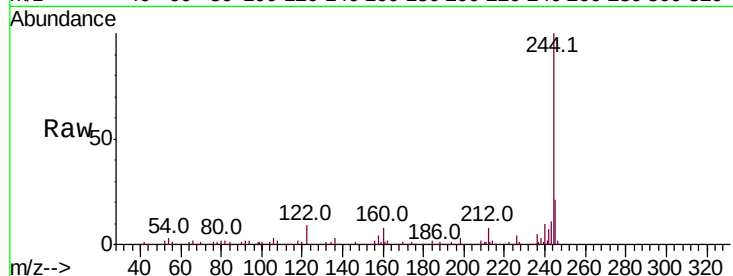


#79
 Terphenyl-d14
 Concen: 79.259 ng
 RT: 20.05 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 719709

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.0	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3701
 Delta R.T. -0.02 min
 Lab File: BG038388.D
 Acq: 6 Dec 2018 18:33

Tgt Ion:264 Resp: 205922

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	20.8	17.9	26.9

