

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036473.D
 Acq On : 29 Aug 2018 00:51
 Operator : JU/SJ
 Sample : J4652-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 05:27:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

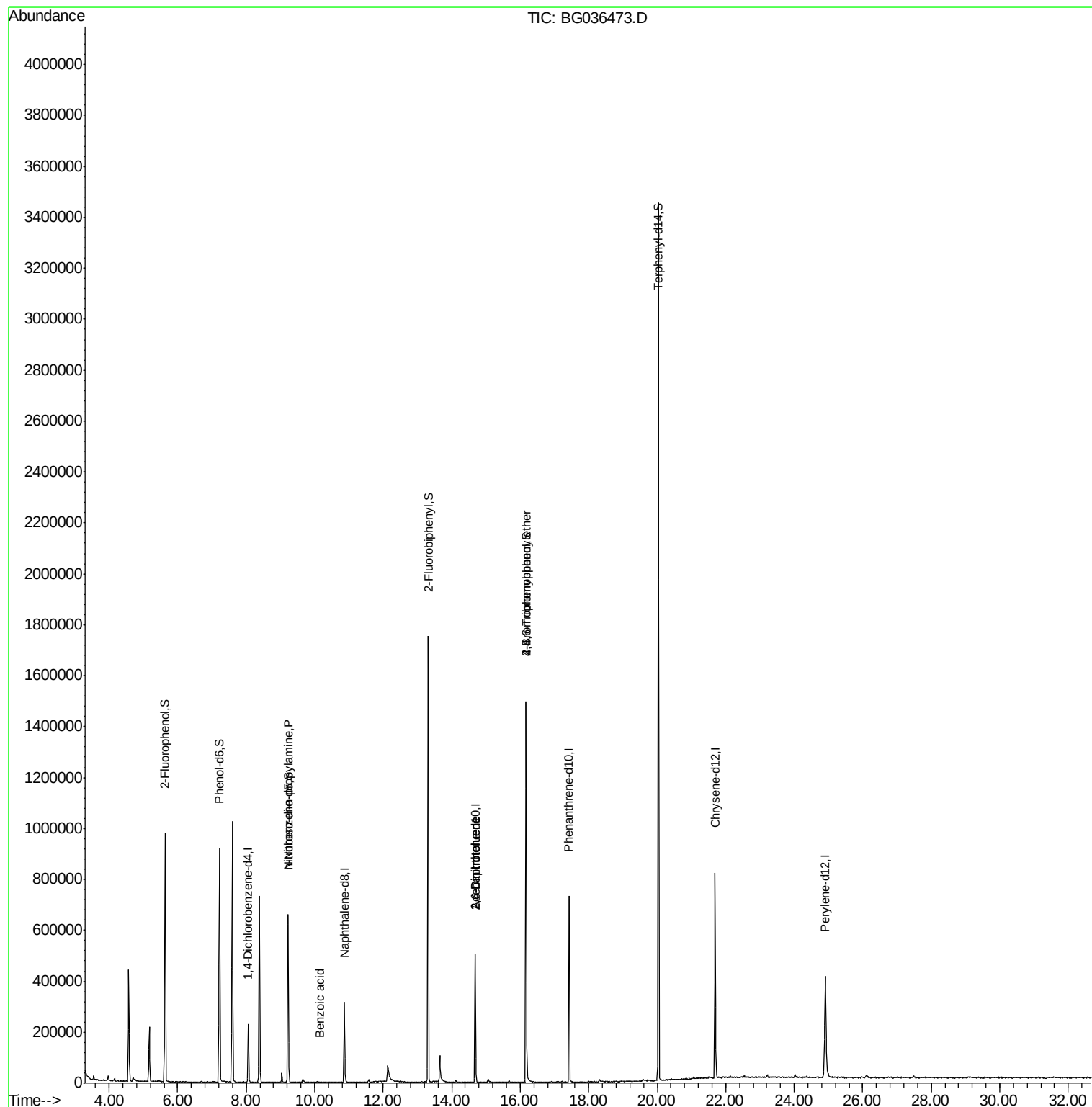
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63483	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	267009	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	176735	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	468831	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	489043	20.00	ng	-0.02
86) Perylene-d12	24.91	264	440625	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	413942	103.43	ng	0.00
7) Phenol-d6	7.21	99	534717	93.32	ng	0.00
23) Nitrobenzene-d5	9.22	82	390452	79.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	281247	133.37	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	899196	72.64	ng	-0.01
78) Terphenyl-d14	20.03	244	1612960	77.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	52832	12.337	ng	# 67
32) Benzoic acid	10.14	122	205	4.543	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	22688	7.640	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	22688	5.862	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	19159	3.490	ng	# 1

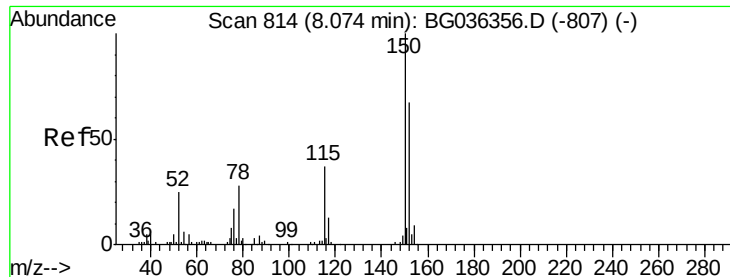
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 12:07:02 2018
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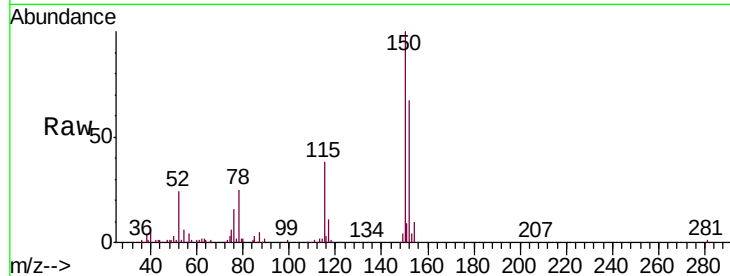


#1

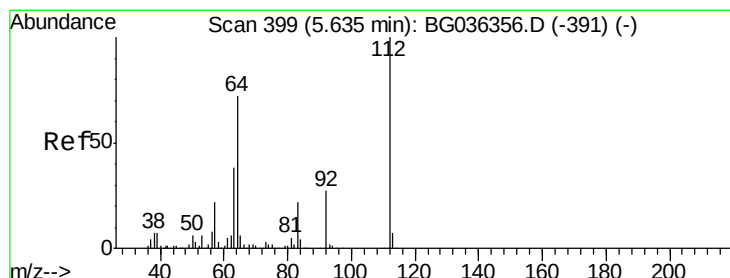
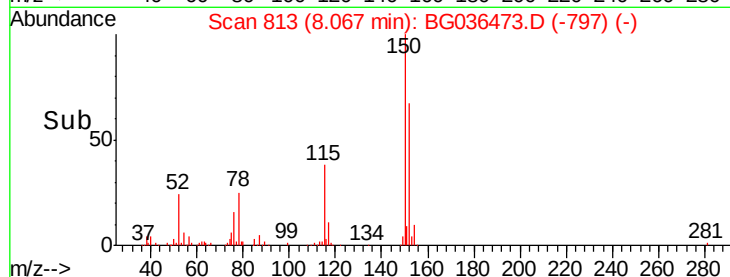
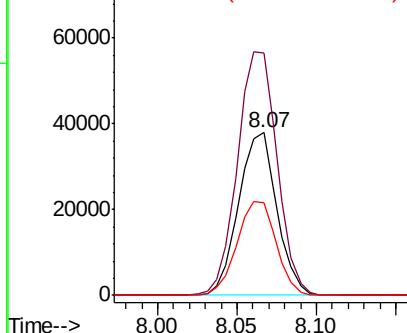
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	57.2	44.5	66.7



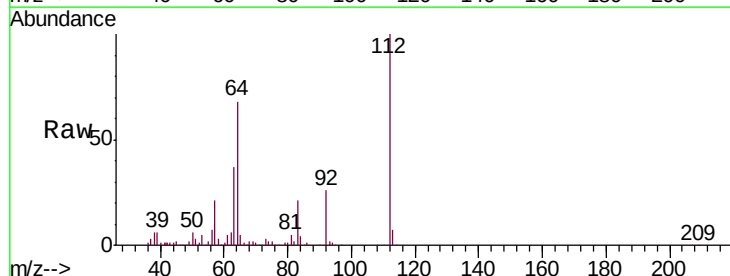
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



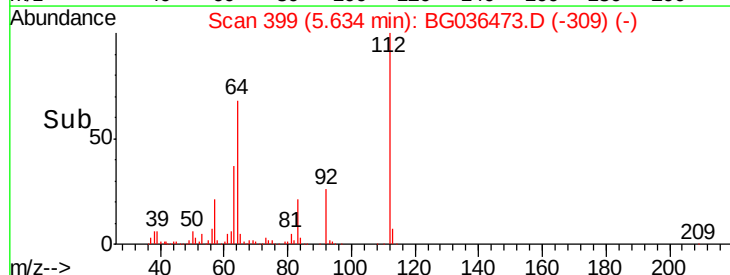
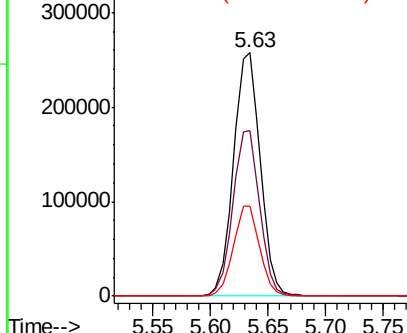
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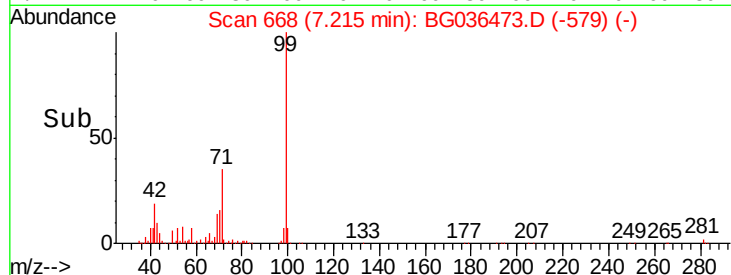
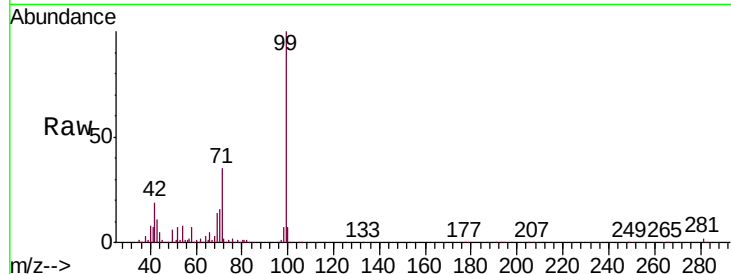
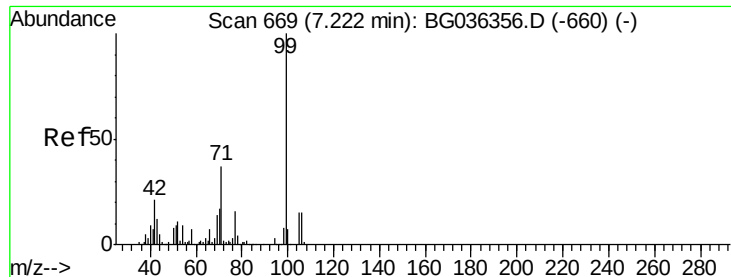
2-Fluorophenol
Concen: 103.435 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.2	85.8
63	36.7	30.8	46.2



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

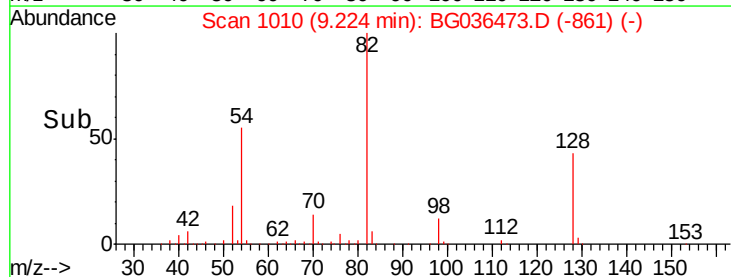
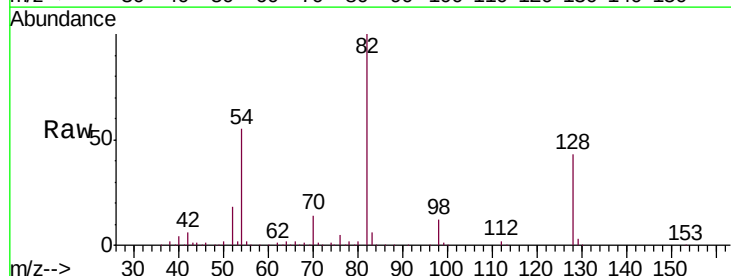
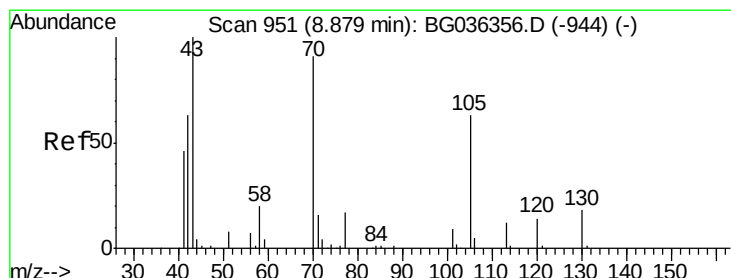
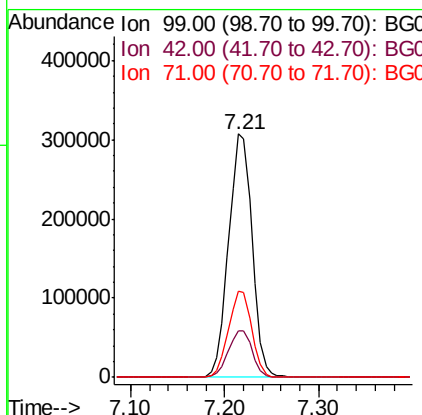




#7
Phenol-d6
Concen: 93.322 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

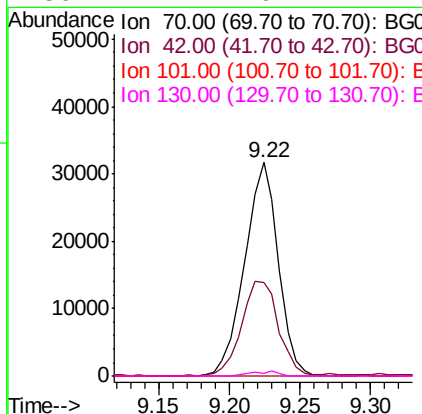
Instrument :
BNA_G
ClientSampleId :

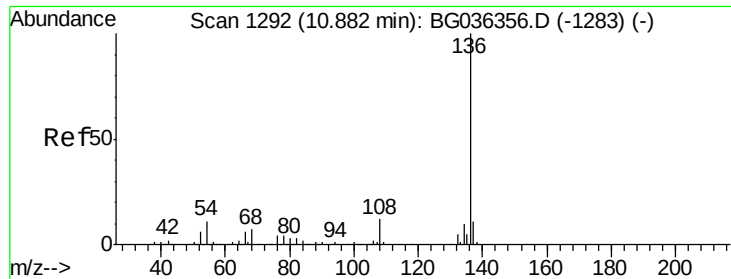
Tgt Ion: 99 Resp: 534717
Ion Ratio Lower Upper
99 100
42 19.1 16.5 24.7
71 35.1 29.4 44.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.337 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.35 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Tgt Ion: 70 Resp: 52832
Ion Ratio Lower Upper
70 100
42 44.0 56.2 84.4#
101 0.0 7.8 11.6#
130 1.2 16.2 24.2#

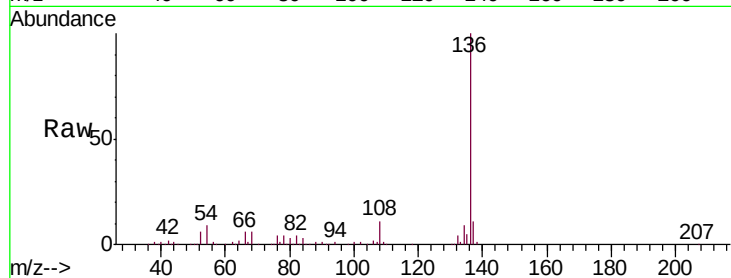




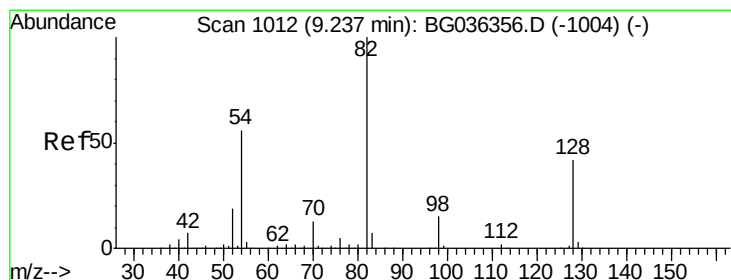
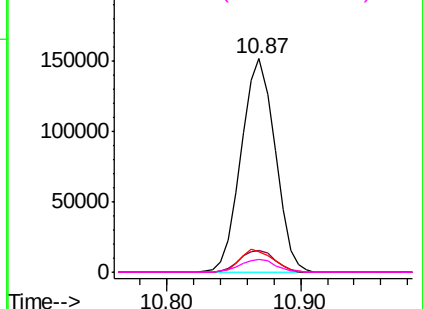
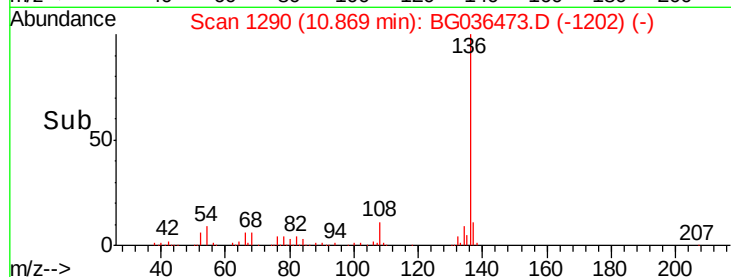
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	267009
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.4	9.2	13.8
68	6.2	5.8	8.6

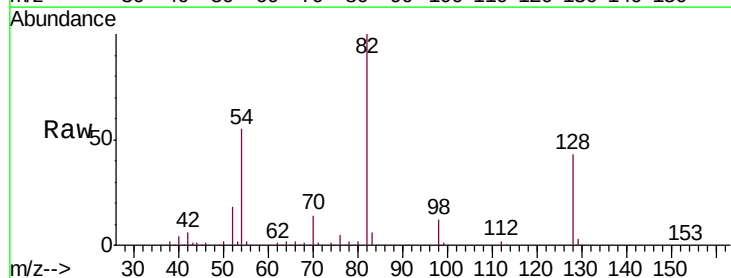


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

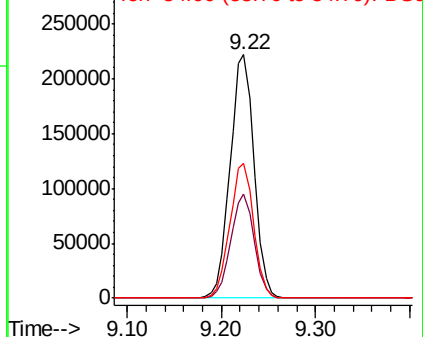
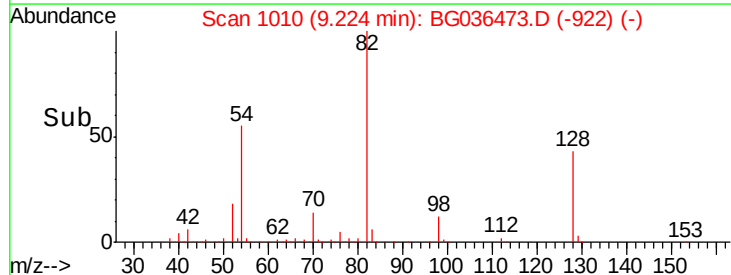


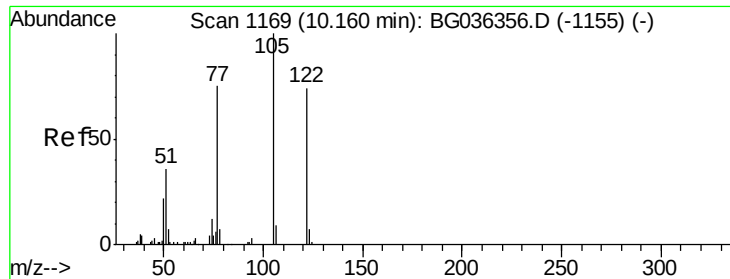
#23
Nitrobenzene-d5
Concen: 79.341 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Tgt Ion:	82	Resp:	390452
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	55.1	45.1	67.7



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

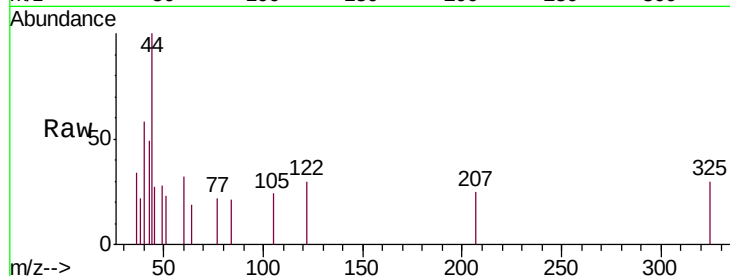




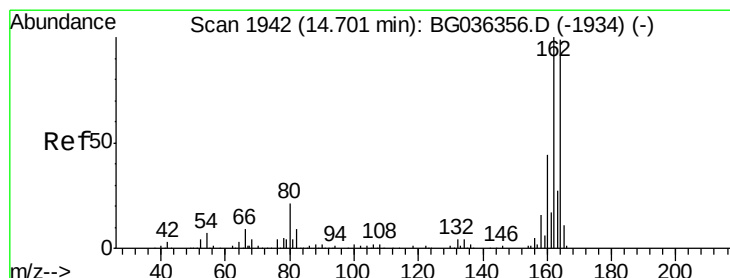
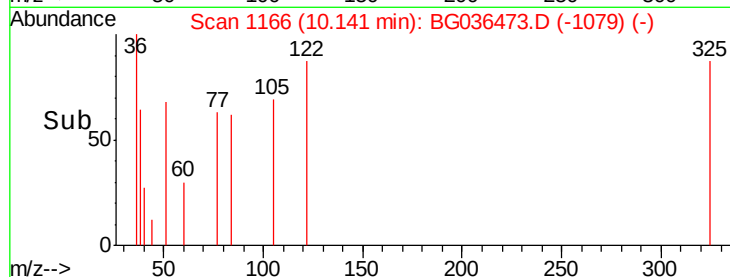
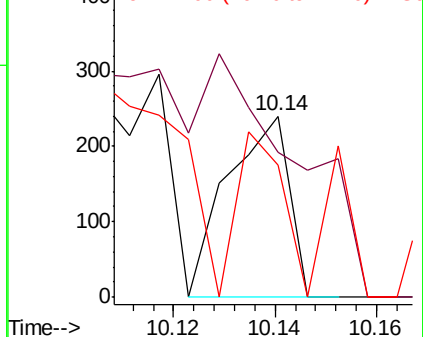
#32
Benzoic acid
Concen: 4.543 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Instrument :
BNA_G
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
122	100		
105	80.0	108.1	148.1#
77	72.9	76.3	116.3#

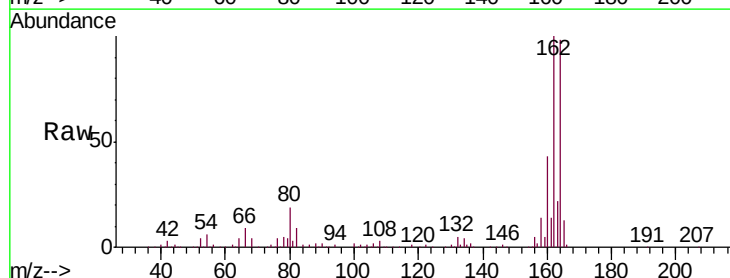


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

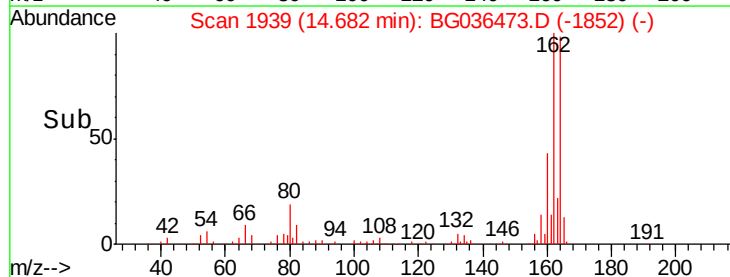
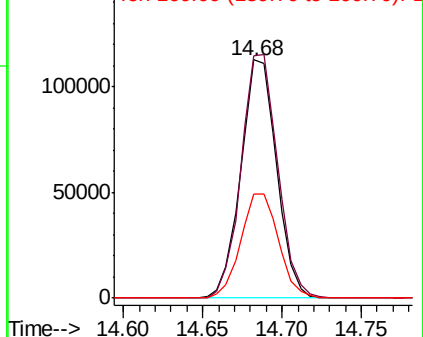


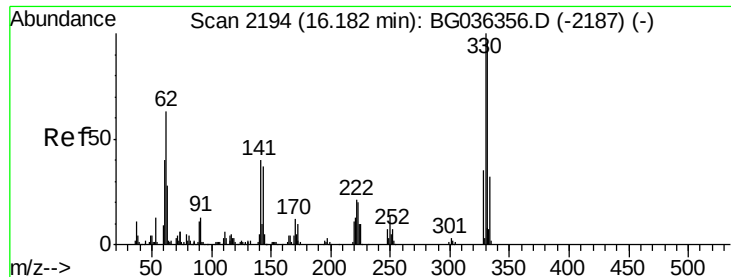
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	43.7	35.3	52.9



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

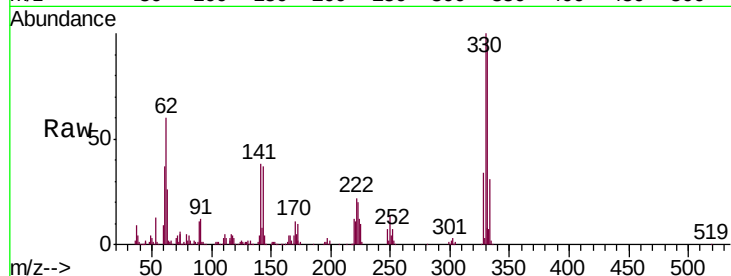




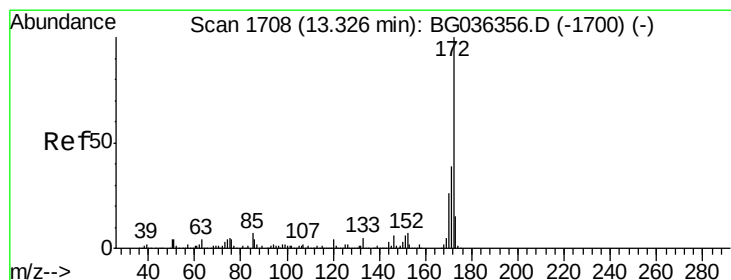
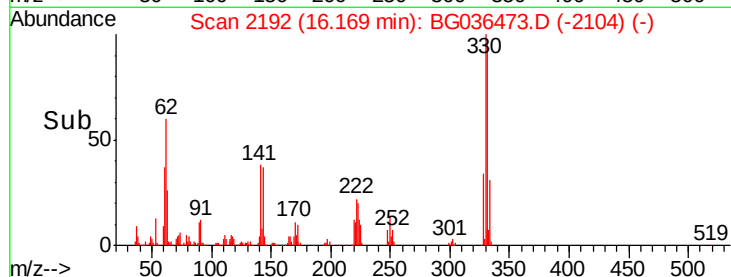
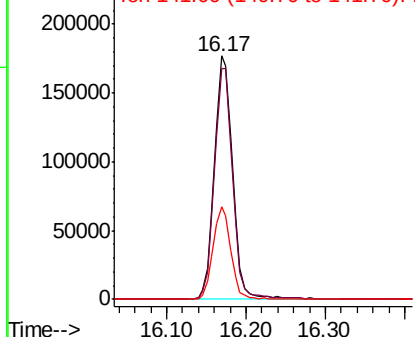
#41
 2,4,6-Tribromophenol
 Concen: 133.366 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036473.D
 Acq: 29 Aug 2018 00:51

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	37.2	30.7	46.1

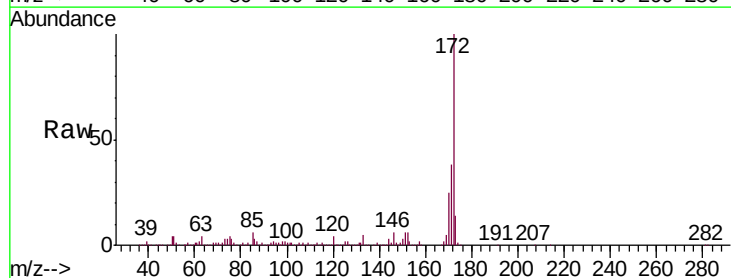


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

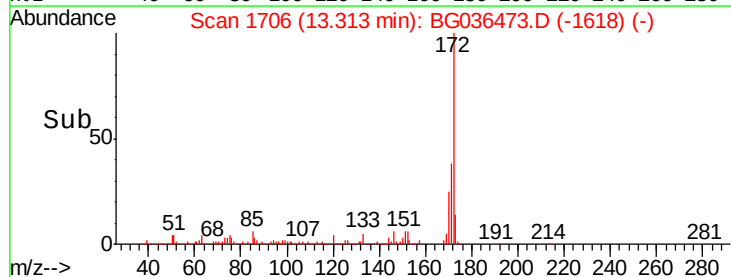
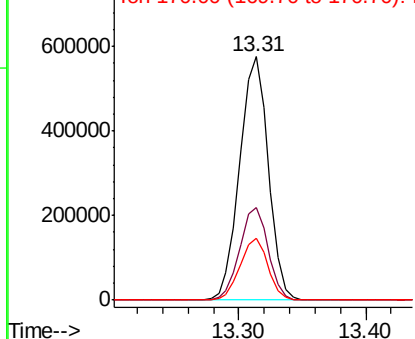


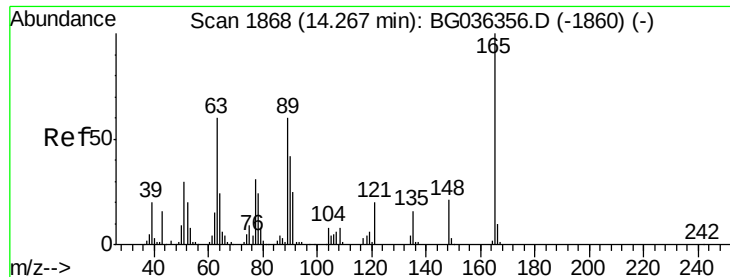
#44
 2-Fluorobiphenyl
 Concen: 72.645 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036473.D
 Acq: 29 Aug 2018 00:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.3	21.0	31.6



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

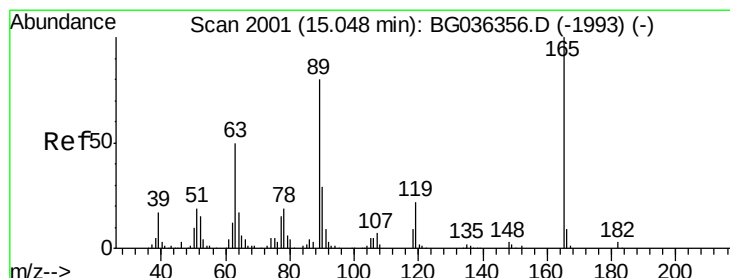
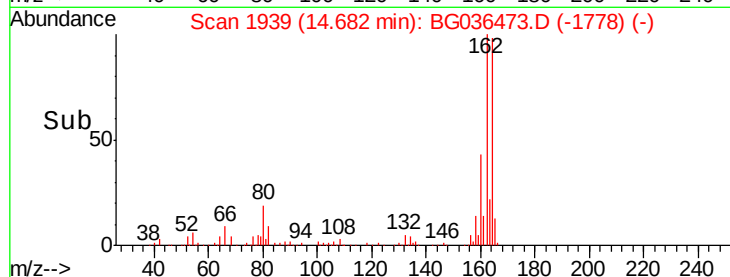
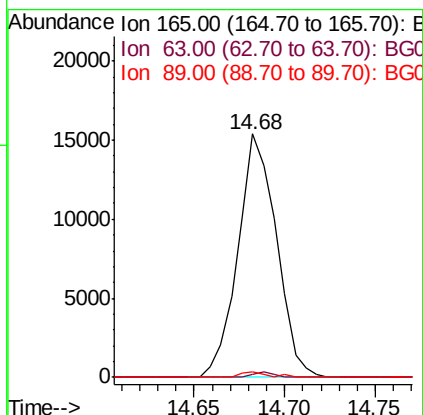
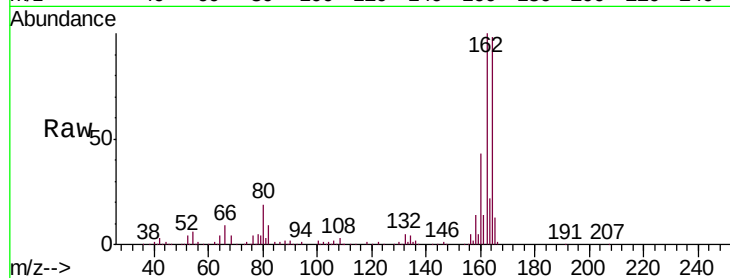




#50
2,6-Dinitrotoluene
Concen: 7.640 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

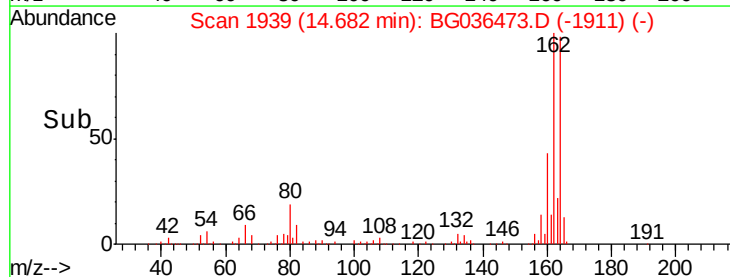
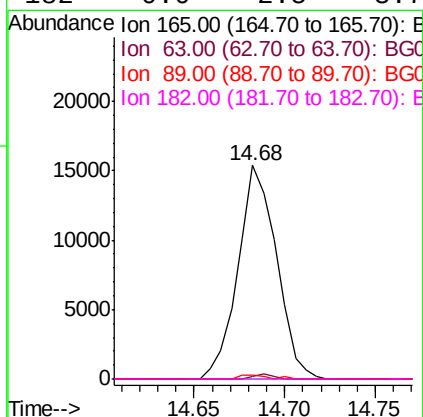
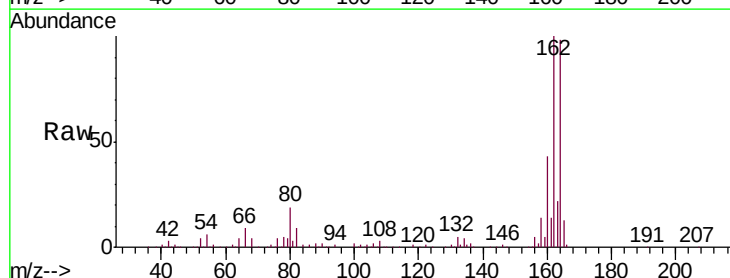
Instrument :
BNA_G
ClientSampleId :

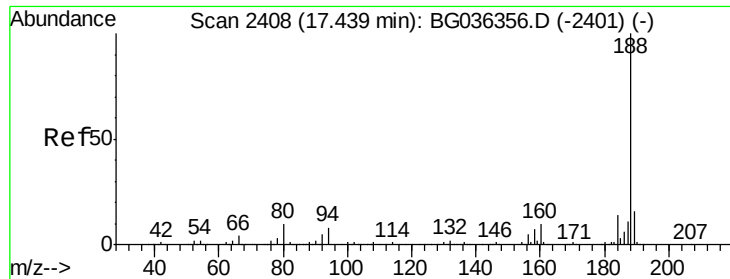
Tgt Ion:165 Resp: 22688
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 2.0 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Tgt Ion:165 Resp: 22688
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 2.0 63.7 95.5#
182 0.0 2.5 3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036473.D

Acq: 29 Aug 2018 00:51

Instrument :

BNA_G

ClientSampleId :

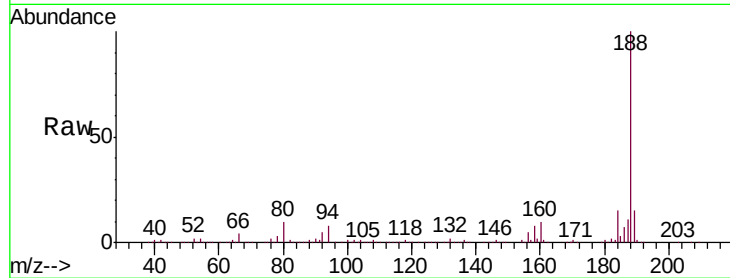
Tgt Ion:188 Resp: 468831

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

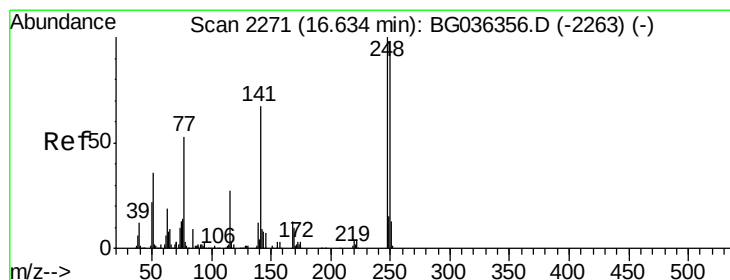
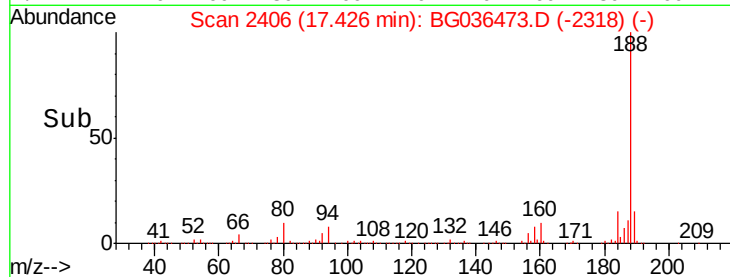
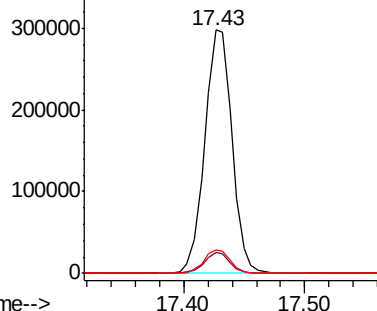
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.490 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG036473.D

Acq: 29 Aug 2018 00:51

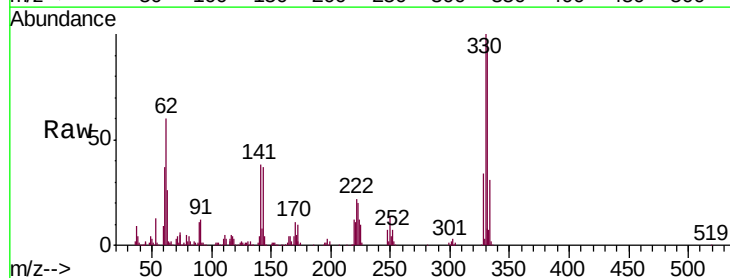
Tgt Ion:248 Resp: 19159

Ion Ratio Lower Upper

248 100

250 193.1 78.1 117.1#

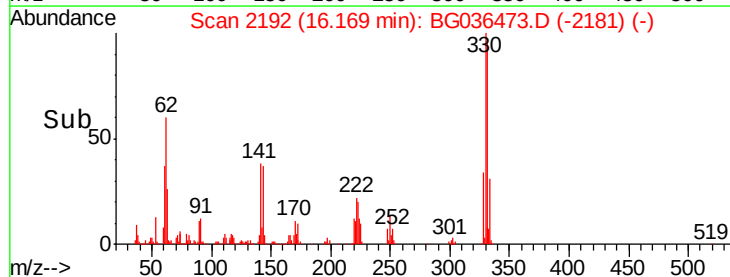
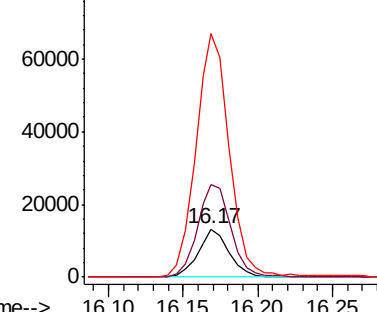
141 508.0 53.7 80.5#

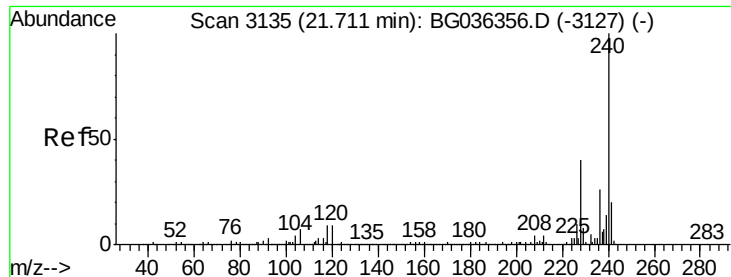


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG036473.D

Acq: 29 Aug 2018 00:51

Instrument :

BNA_G

ClientSampleId :

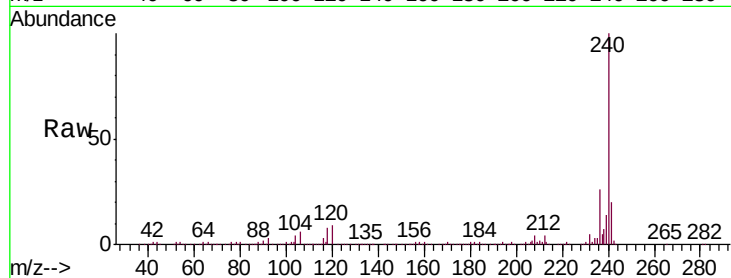
Tgt Ion:240 Resp: 489043

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

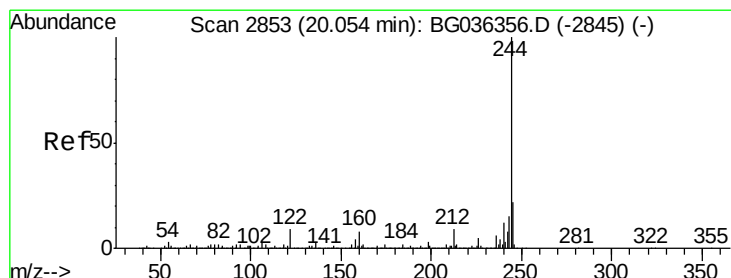
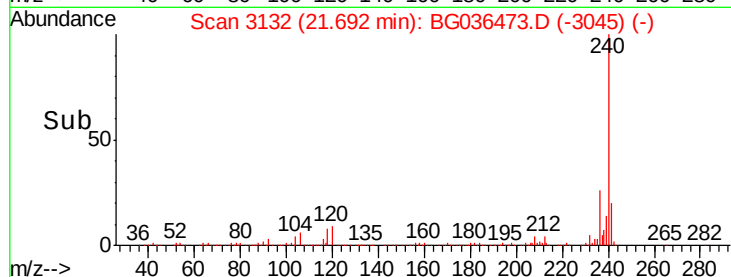
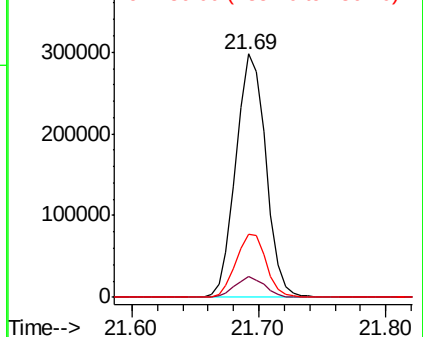
236 26.1 21.2 31.8



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



#78

Terphenyl-d14

Concen: 77.090 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036473.D

Acq: 29 Aug 2018 00:51

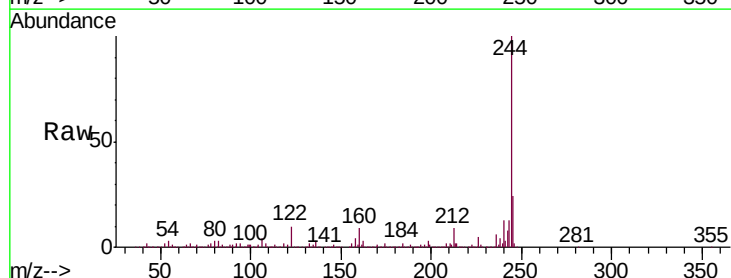
Tgt Ion:244 Resp: 1612960

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

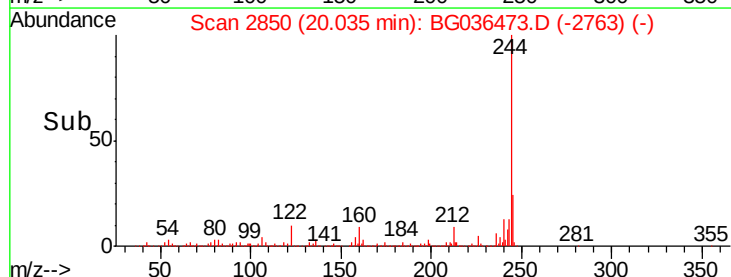
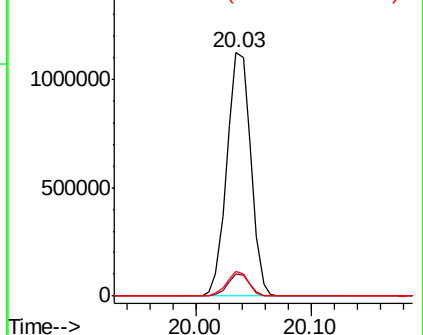
122 10.0 7.1 10.7

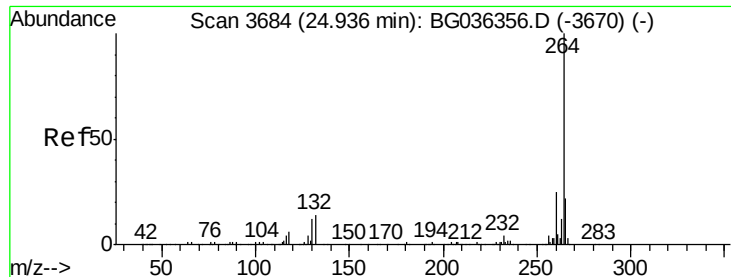


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036473.D
Acq: 29 Aug 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	23.0	17.4	26.0

