

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082318\
 Data File : BG036375.D
 Acq On : 23 Aug 2018 12:12
 Operator : JU/SJ
 Sample : J4540-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081618-TIPC-E-U-M

Quant Time: Aug 23 12:52:26 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

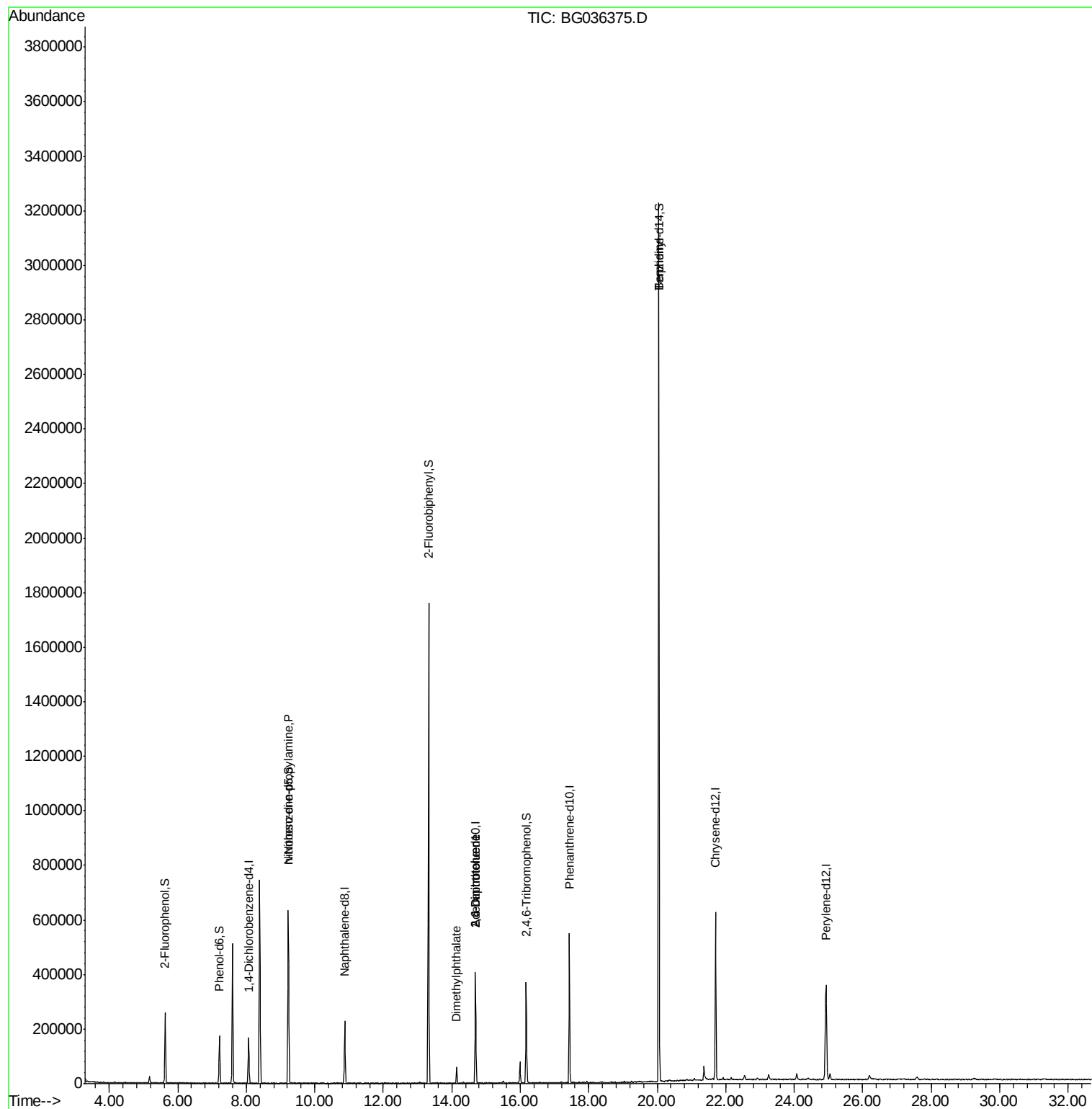
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47890	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	194667	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	125906	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	331896	20.00	ng	0.00
75) Chrysene-d12	21.70	240	378247	20.00	ng	0.00
86) Perylene-d12	24.93	264	378479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	103752	34.37	ng	0.00
7) Phenol-d6	7.21	99	98183	22.71	ng	0.00
23) Nitrobenzene-d5	9.23	82	376260	104.87	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	64799	43.13	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	890703	101.01	ng	0.00
78) Terphenyl-d14	20.05	244	1534793	94.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50764	15.714	ng	Qvalue # 74
49) Dimethylphthalate	14.14	163	38961	3.790	ng	98
50) 2,6-Dinitrotoluene	14.69	165	16798	7.940	ng	# 24
56) 2,4-Dinitrotoluene	14.69	165	16798	6.092	ng	# 22
76) Benzidine	20.05	184	27826	2.306	ng	# 94

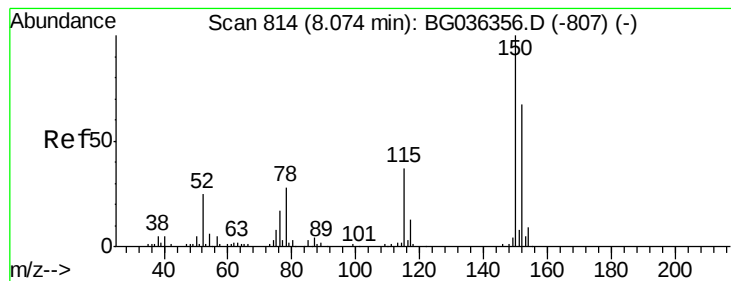
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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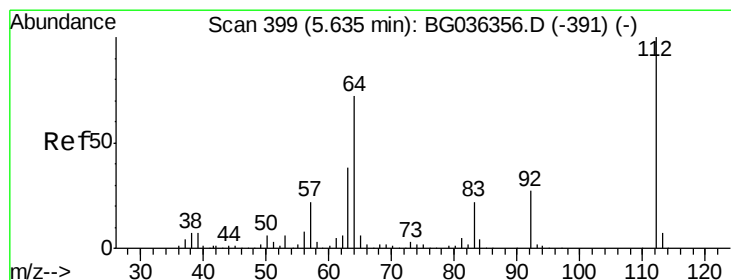
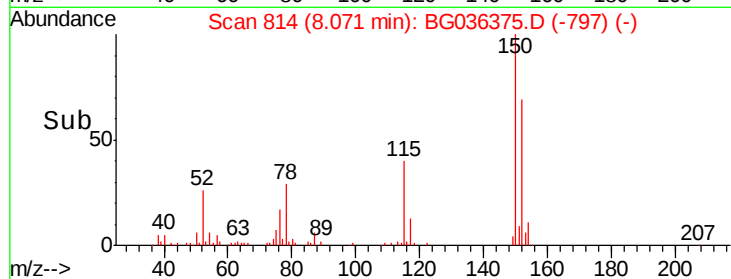
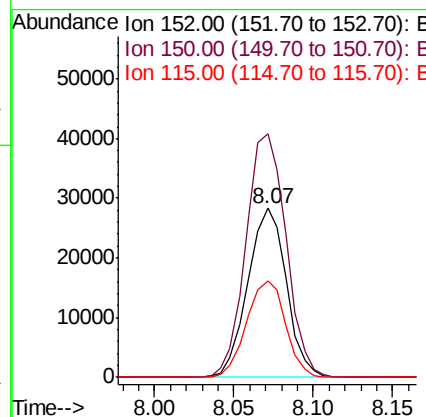
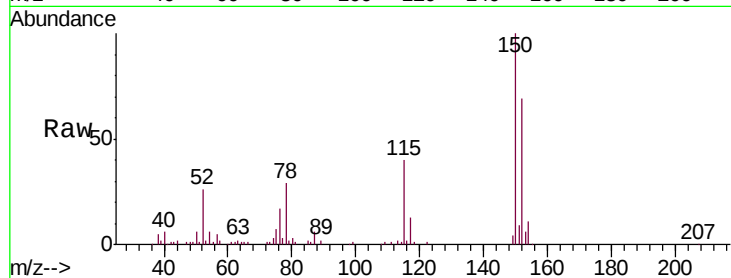


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Instrument :
BNA_G
ClientSampleId :
081618-TIPC-E-U-M

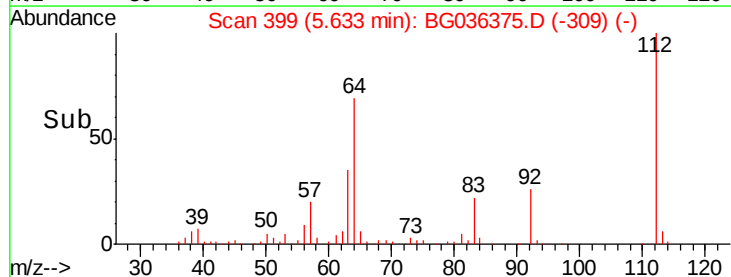
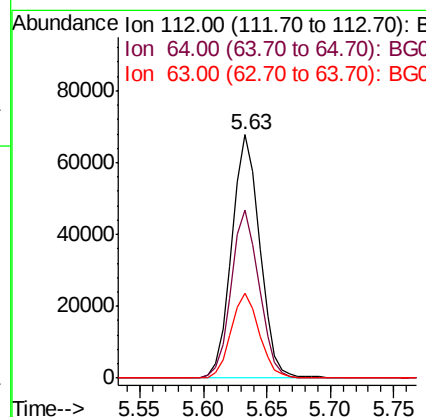
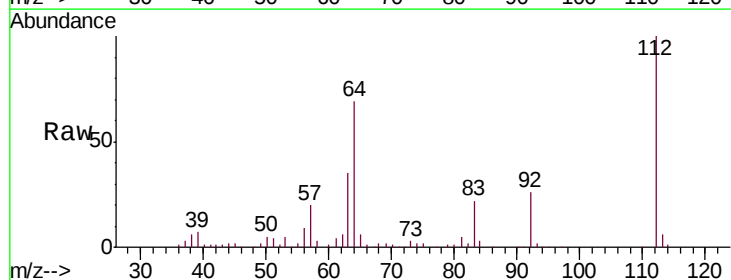
Tgt Ion:152 Resp: 47890
Ion Ratio Lower Upper
152 100
150 144.2 119.5 179.3
115 57.4 44.5 66.7



#5

2-Fluorophenol
Concen: 34.367 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Tgt Ion:112 Resp: 103752
Ion Ratio Lower Upper
112 100
64 68.9 57.2 85.8
63 35.1 30.8 46.2





#7

Phenol-d6

Concen: 22.715 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036375.D

Acq: 23 Aug 2018 12:12

Instrument :

BNA_G

ClientSampleId :

081618-TIPC-E-U-M

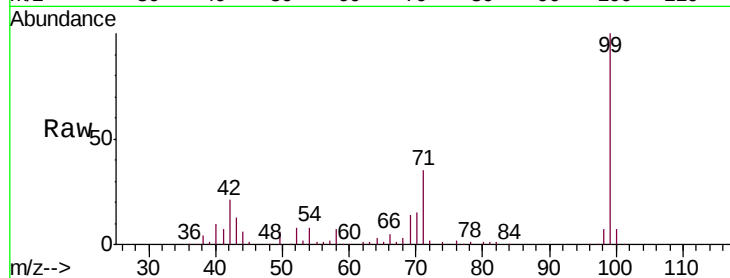
Tgt Ion: 99 Resp: 98183

Ion Ratio Lower Upper

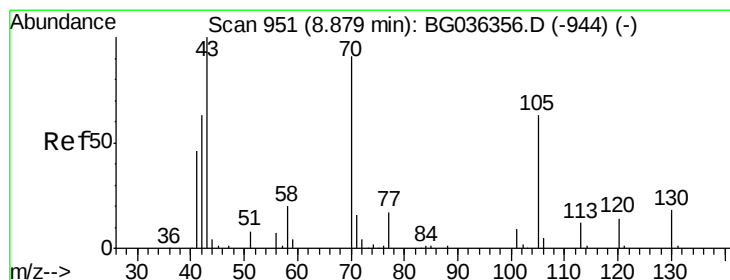
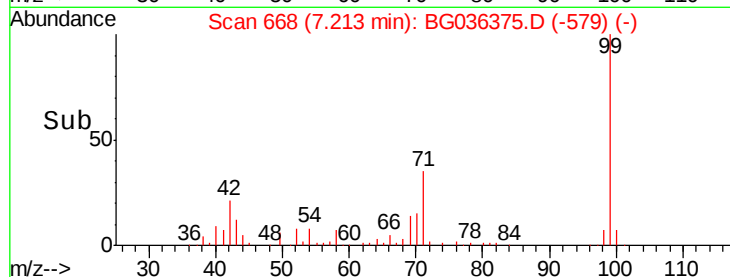
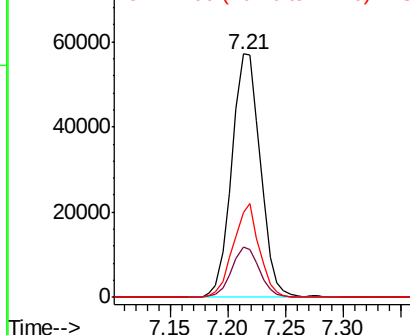
99 100

42 20.9 16.5 24.7

71 34.8 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.714 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036375.D

Acq: 23 Aug 2018 12:12

Tgt Ion: 70 Resp: 50764

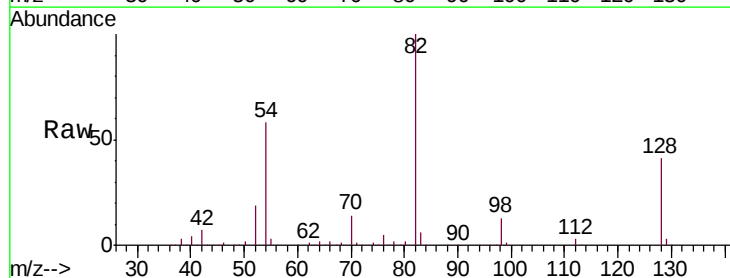
Ion Ratio Lower Upper

70 100

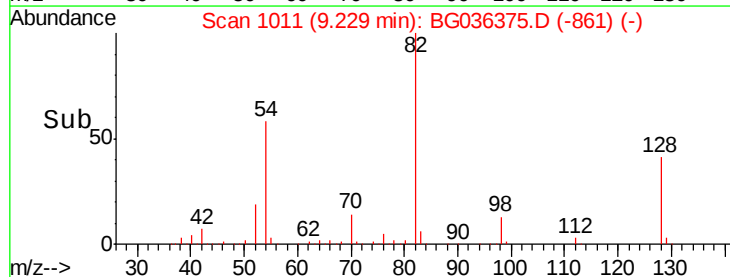
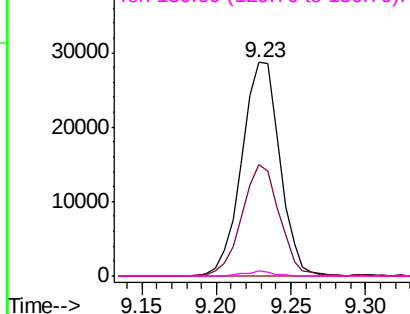
42 51.9 56.2 84.4#

101 0.0 7.8 11.6#

130 2.5 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

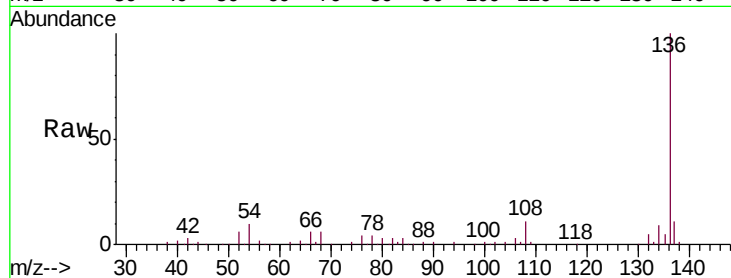




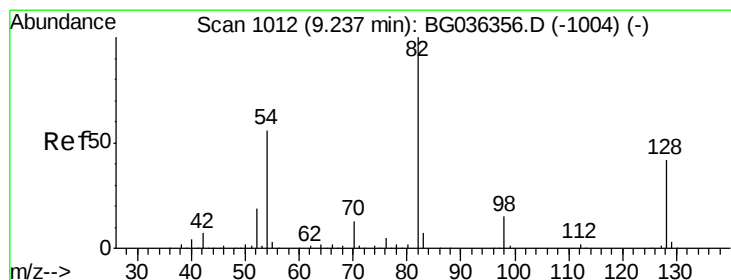
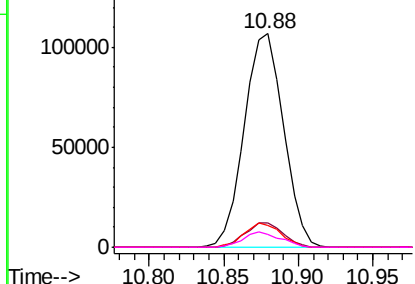
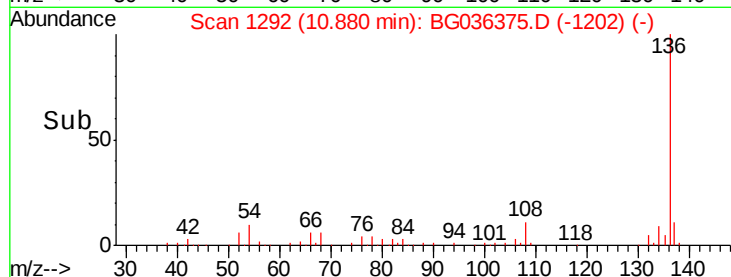
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Instrument :
BNA_G
ClientSampleId :
081618-TIPC-E-U-M

Tgt Ion:	136	Resp:	194667
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.3	9.2	13.8
68	5.7	5.8	8.6#

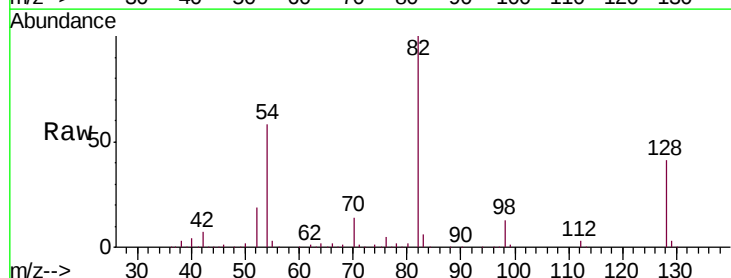


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

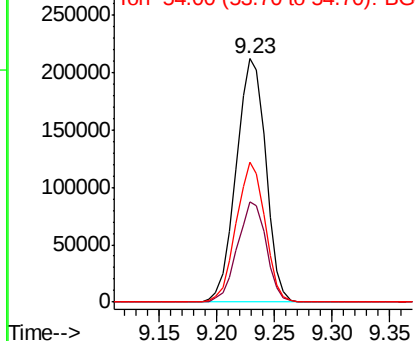
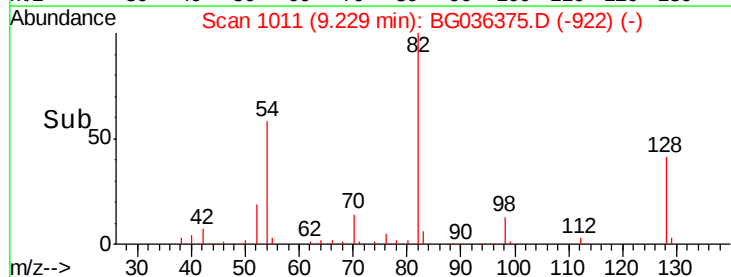


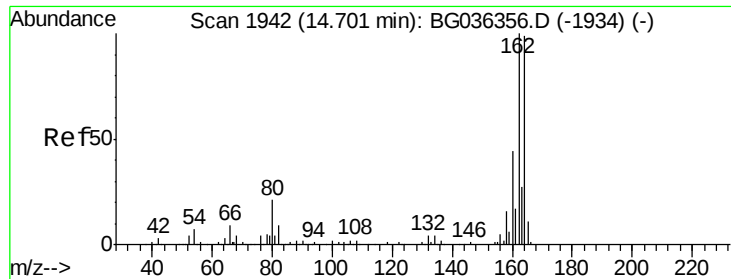
#23
Nitrobenzene-d5
Concen: 104.869 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Tgt Ion:	82	Resp:	376260
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	57.7	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

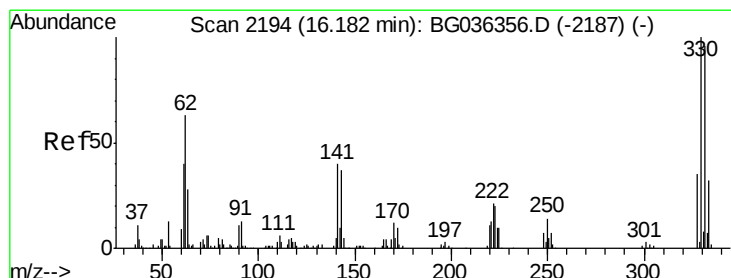
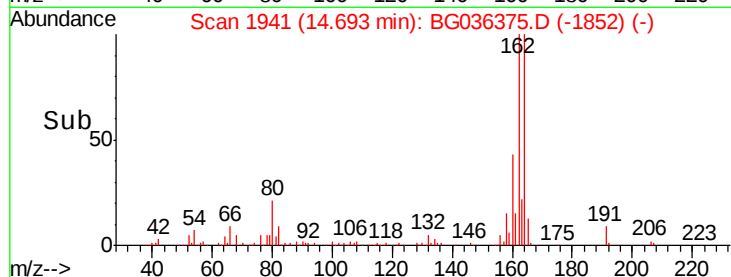
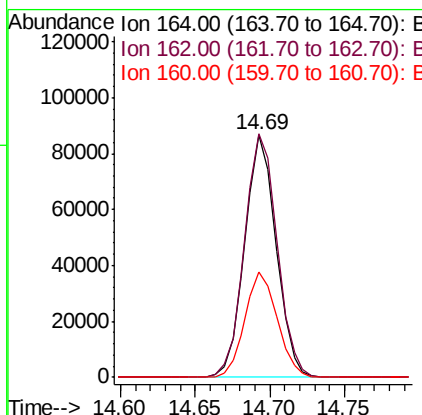
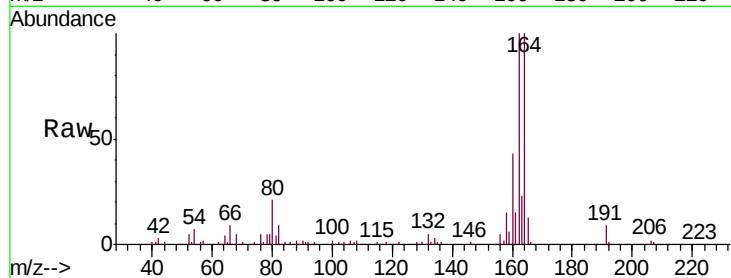




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036375.D
 Acq: 23 Aug 2018 12:12

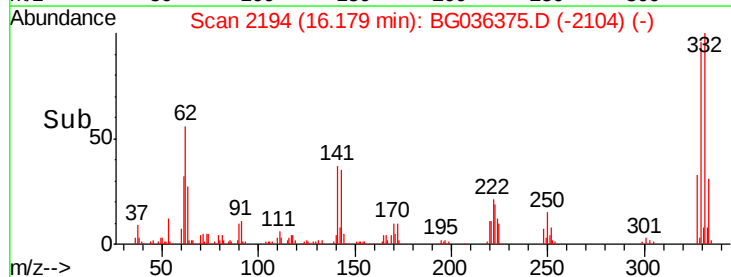
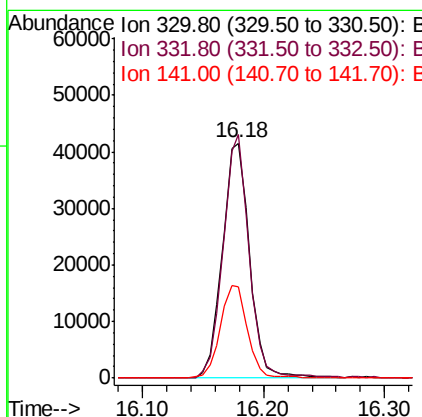
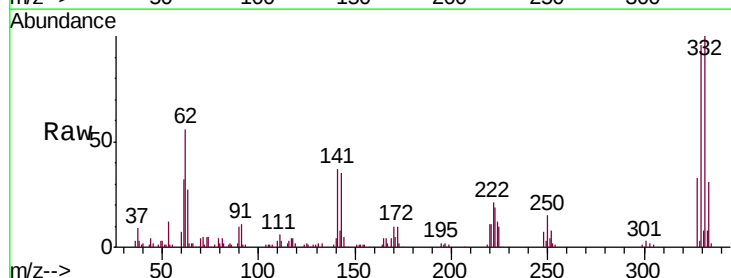
Instrument :
 BNA_G
 ClientSampleId :
 081618-TIPC-E-U-M

Tgt Ion:164 Resp: 125906
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.7 121.1
 160 43.3 35.3 52.9



#41
 2,4,6-Tribromophenol
 Concen: 43.132 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036375.D
 Acq: 23 Aug 2018 12:12

Tgt Ion:330 Resp: 64799
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.4 113.2
 141 39.0 30.7 46.1

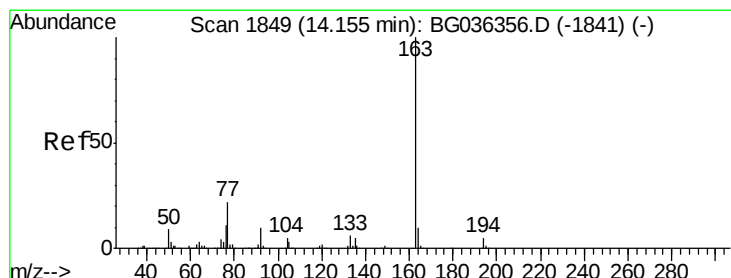
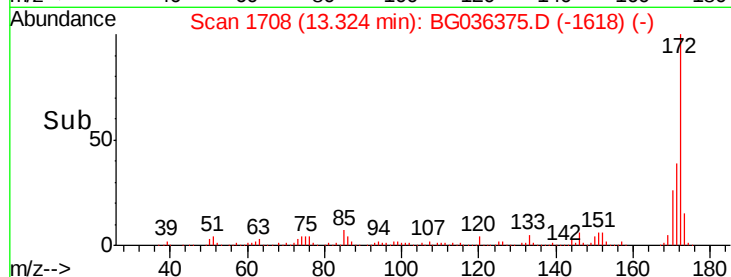
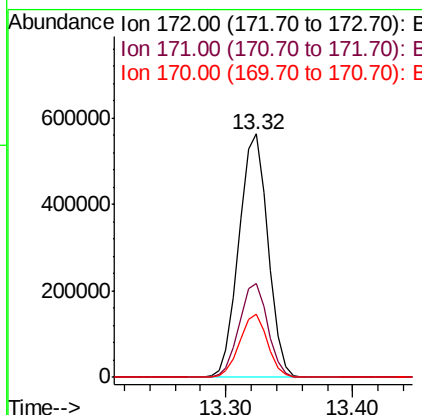
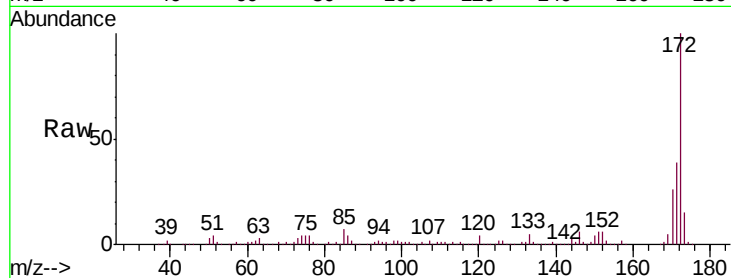




#44
 2-Fluorobiphenyl
 Concen: 101.009 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036375.D
 Acq: 23 Aug 2018 12:12

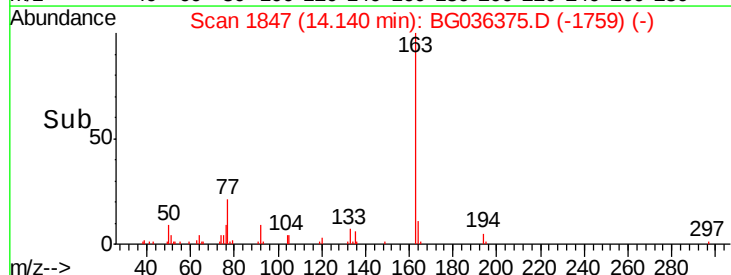
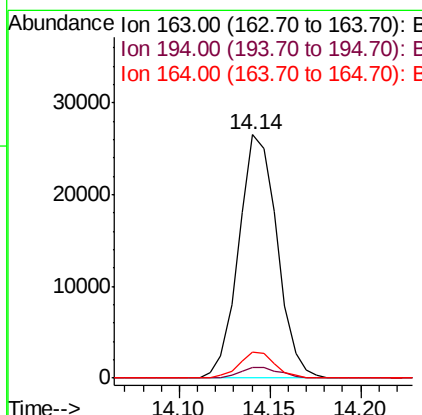
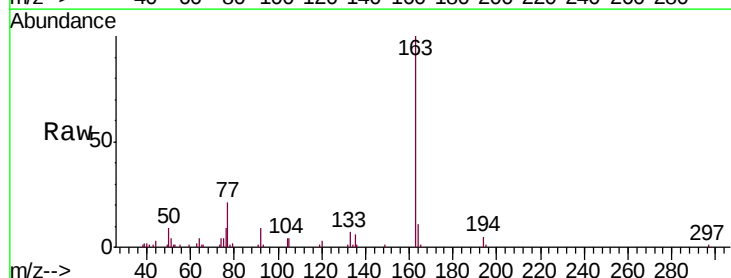
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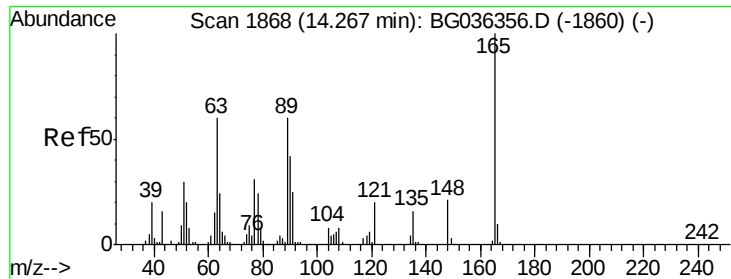
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	25.9	21.0	31.6



#49
 Dimethylphthalate
 Concen: 3.790 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BG036375.D
 Acq: 23 Aug 2018 12:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.0	6.0
164	10.9	8.1	12.1

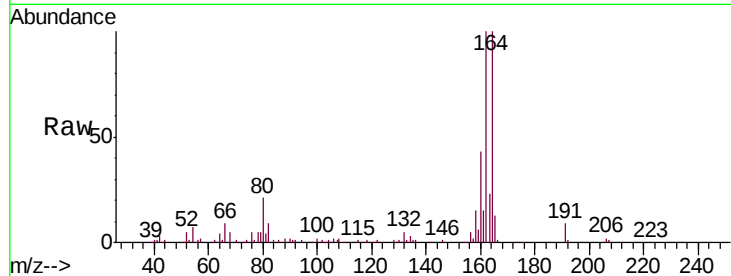




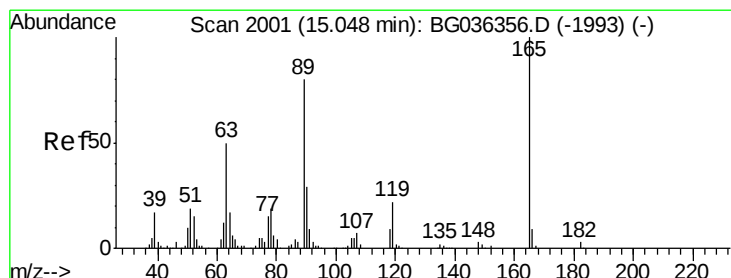
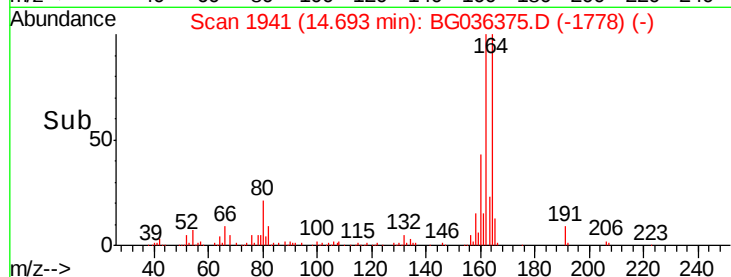
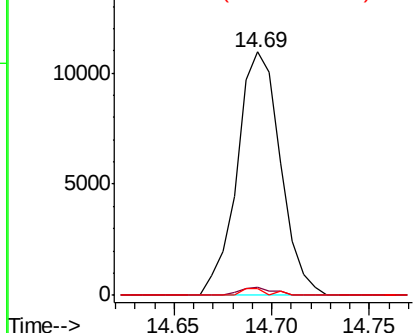
#50
2,6-Dinitrotoluene
Concen: 7.940 ng
RT: 14.69 min Scan# 1941
Delta R.T. 0.43 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Instrument :
BNA_G
ClientSampleId :
081618-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	50.1	75.1#
89	2.8	47.8	71.6#

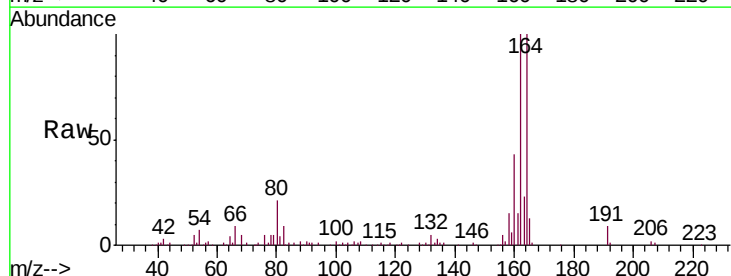


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

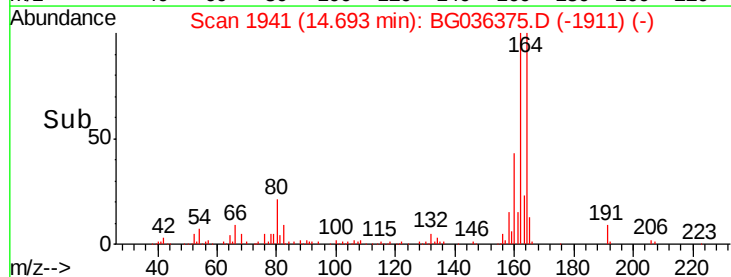
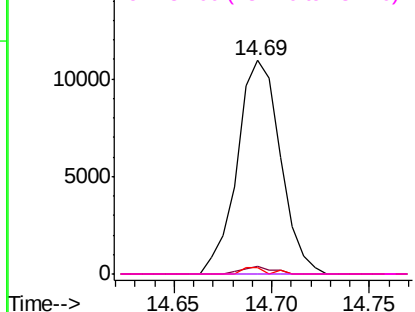


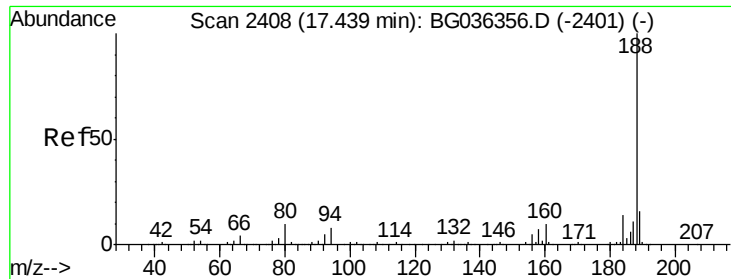
#56
2,4-Dinitrotoluene
Concen: 6.092 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.35 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	40.1	60.1#
89	2.8	63.7	95.5#
182	0.0	2.5	3.7#



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

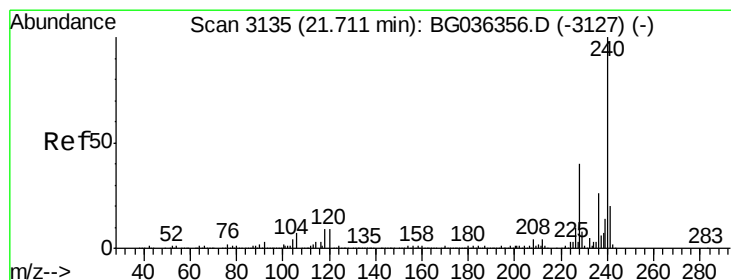
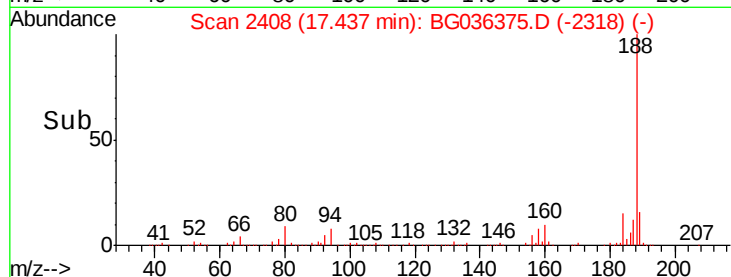
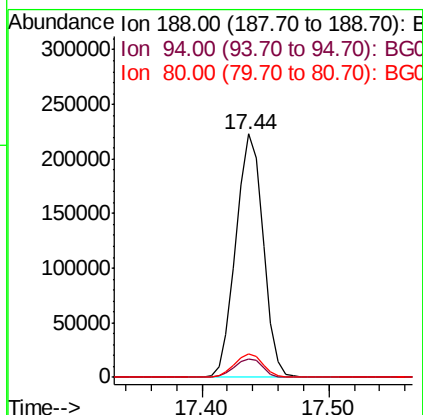
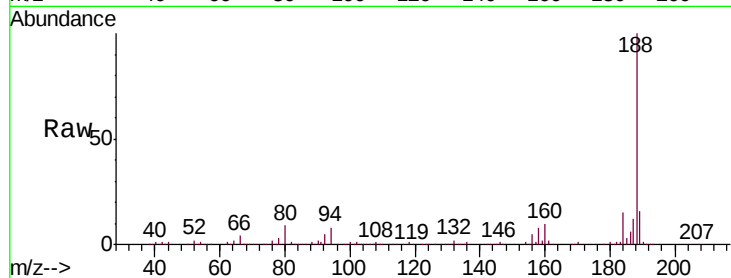




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

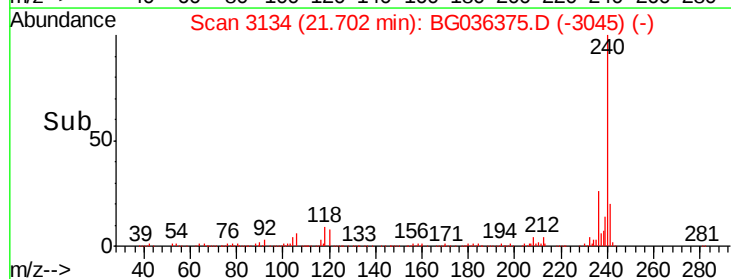
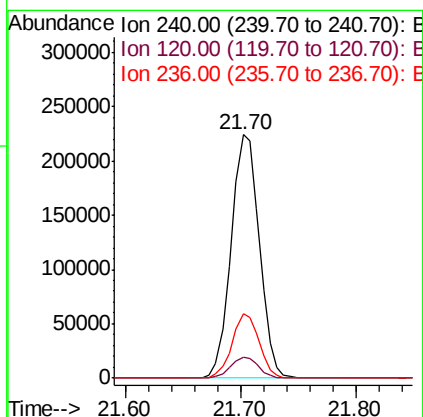
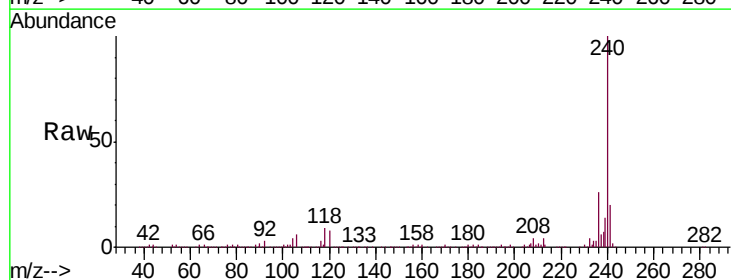
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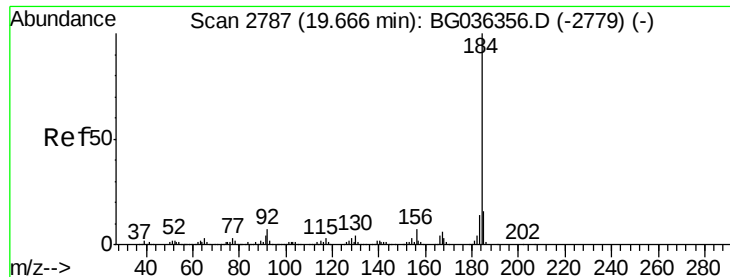
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.4	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.3	21.2	31.8

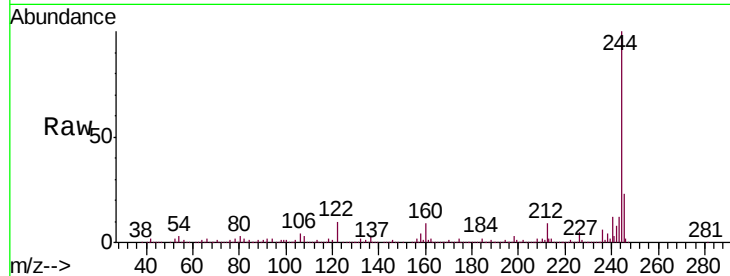




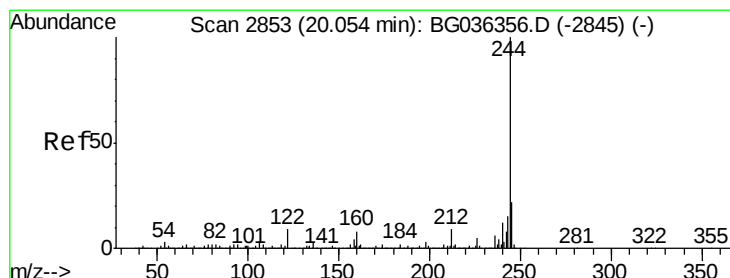
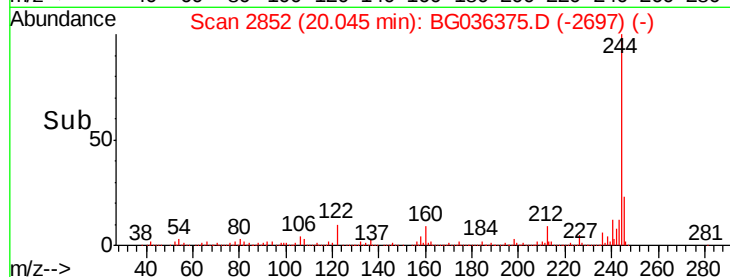
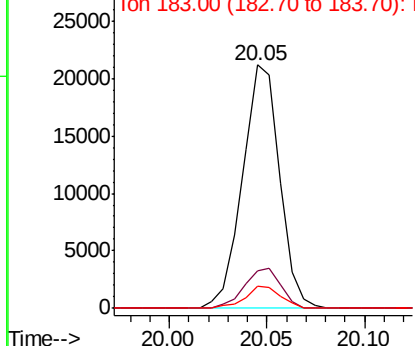
#76
Benzidine
Concen: 2.306 ng
RT: 20.05 min Scan# 2852
Delta R.T. 0.38 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Instrument :
BNA_G
ClientSampleId :
081618-TIPC-E-U-M

Tgt Ion:184 Resp: 27826
Ion Ratio Lower Upper
184 100
185 15.4 12.6 18.8
183 8.9 10.9 16.3#

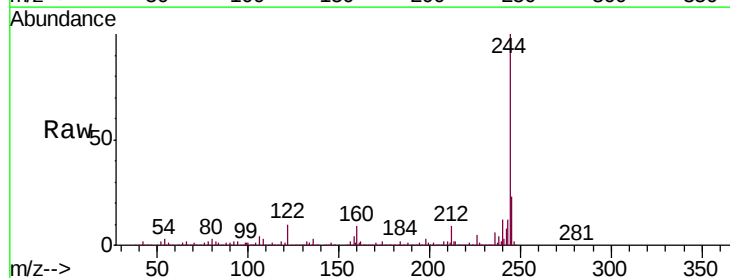


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

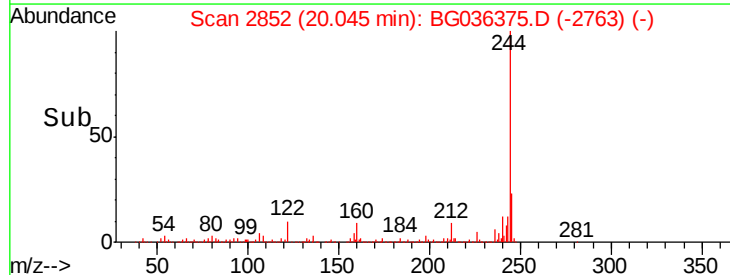
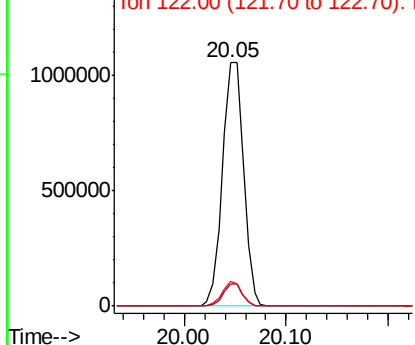


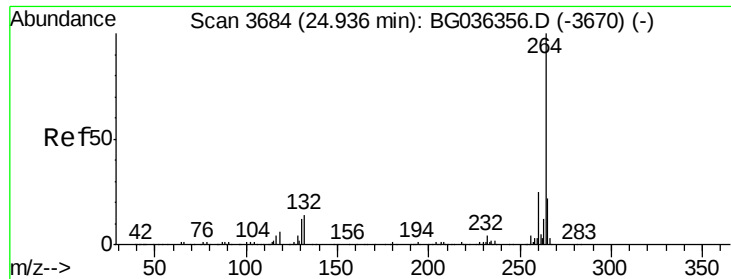
#78
Terphenyl-d14
Concen: 94.841 ng
RT: 20.05 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG036375.D
Acq: 23 Aug 2018 12:12

Tgt Ion:244 Resp: 1534793
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 10.2 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: 24.93 min Scan# 3683

Delta R.T. -0.01 min

Lab File: BG036375.D

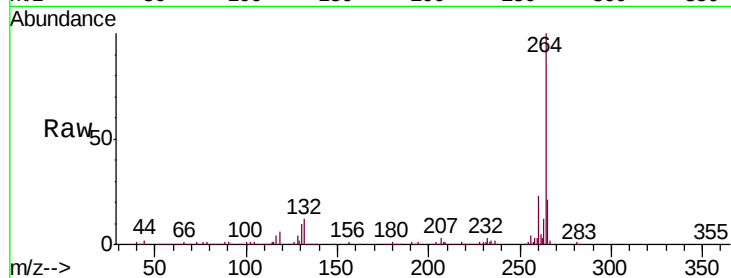
Acq: 23 Aug 2018 12:12

Instrument :

BNA_G

ClientSampleId :

081618-TIPC-E-U-M



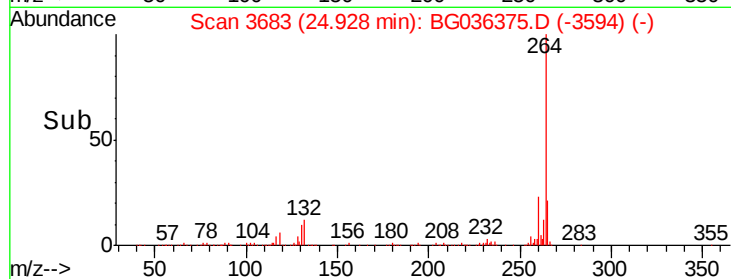
Tgt Ion: 264 Resp: 378479

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 21.0 17.4 26.0



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

