

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040202.D
 Acq On : 28 Mar 2019 16:24
 Operator : JU/SJ
 Sample : K2102-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325

Quant Time: Mar 29 05:45:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

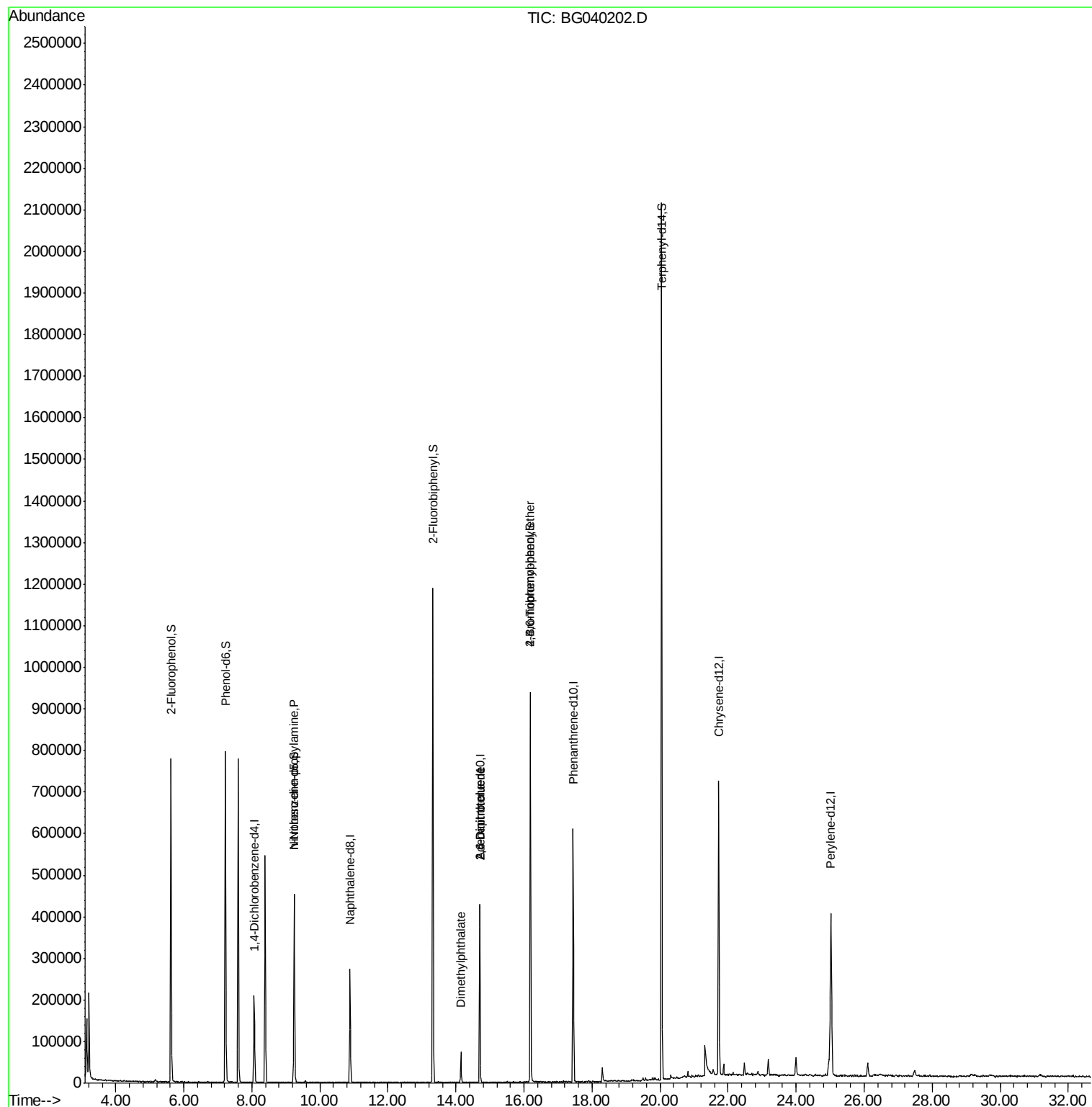
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59332	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	239460	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	147007	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	375013	20.00	ng	0.00
76) Chrysene-d12	21.72	240	411979	20.00	ng	0.00
87) Perylene-d12	25.02	264	418914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	336561	94.30	ng	0.00
7) Phenol-d6	7.22	99	466046	94.49	ng	0.00
23) Nitrobenzene-d5	9.24	82	272777	60.55	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	159830	100.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	610165	61.50	ng	0.00
79) Terphenyl-d14	20.05	244	1012889	55.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	34970	9.888	ng	# 73
50) Dimethylphthalate	14.14	163	50079	4.353	ng	# 98
51) 2,6-Dinitrotoluene	14.70	165	18904	7.318	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	18904	5.266	ng	# 27
67) 4-Bromophenyl-phenylether	16.19	248	12245	2.902	ng	# 1

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

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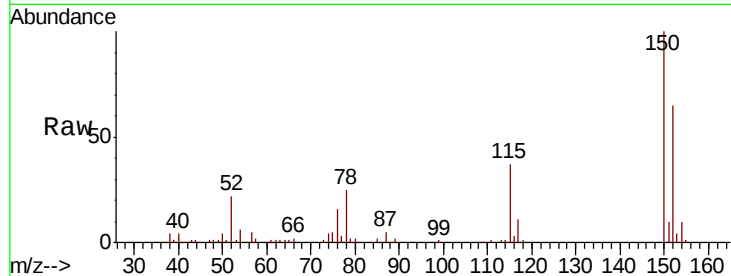


#1

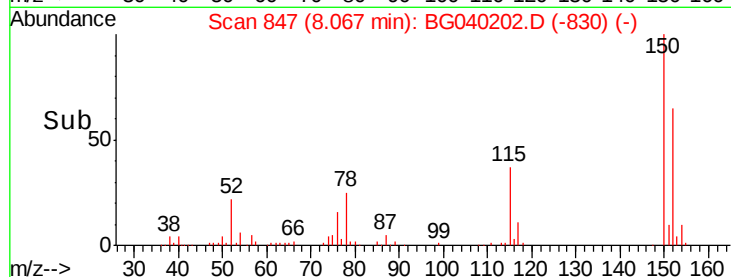
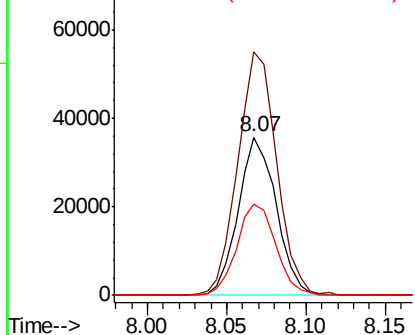
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040202.D
Acq: 28 Mar 2019 16:24

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325

Tgt Ion:152 Resp: 59332
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 57.7 46.9 70.3



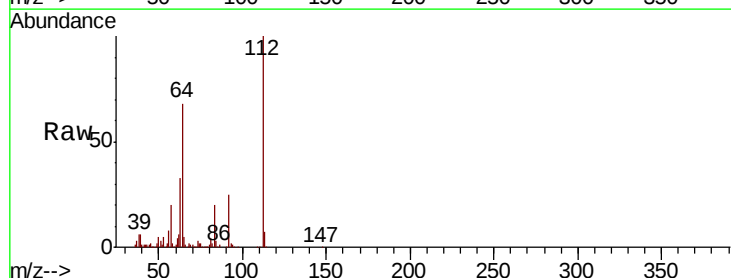
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



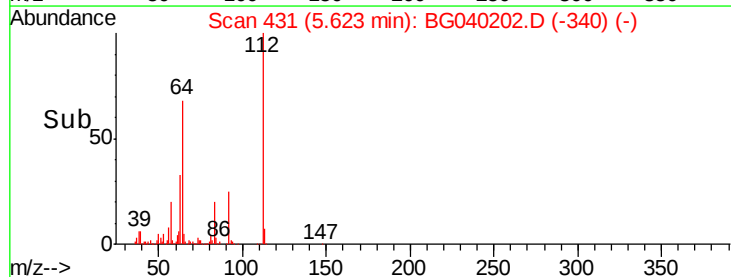
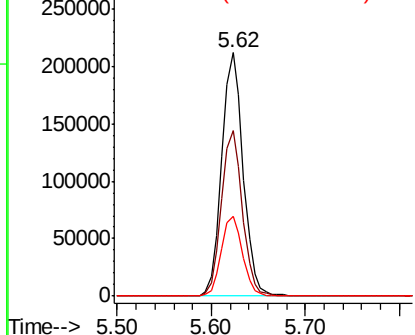
#5

2-Fluorophenol
Concen: 94.300 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040202.D
Acq: 28 Mar 2019 16:24

Tgt Ion:112 Resp: 336561
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.2
63 32.8 26.4 39.6



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: 94.486 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040202.D

Acq: 28 Mar 2019 16:24

Instrument :

BNA_G

ClientSampleId :

TT-001-IDWSO-20190325

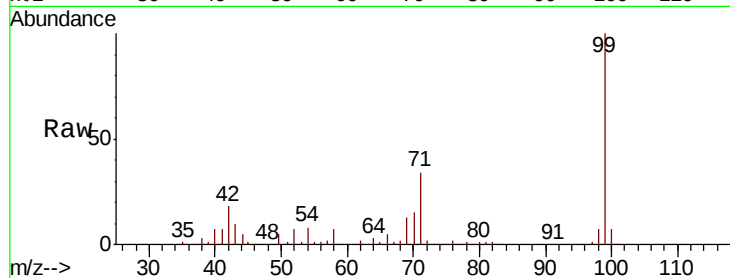
Tgt Ion: 99 Resp: 466046

Ion Ratio Lower Upper

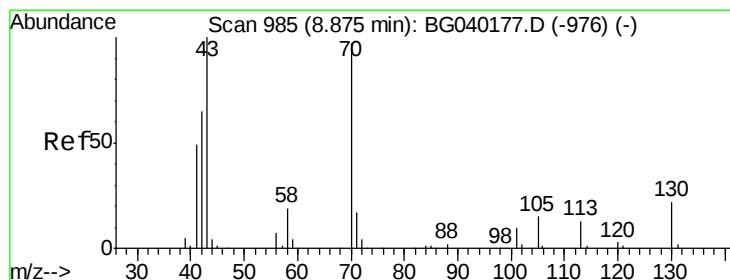
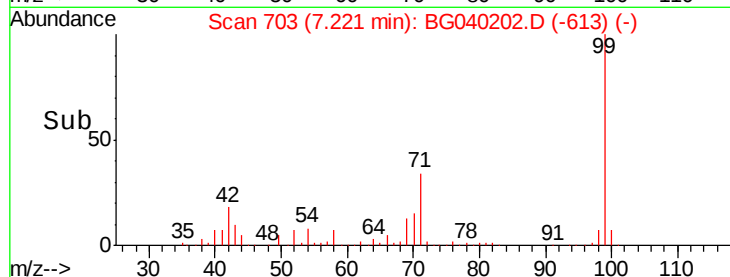
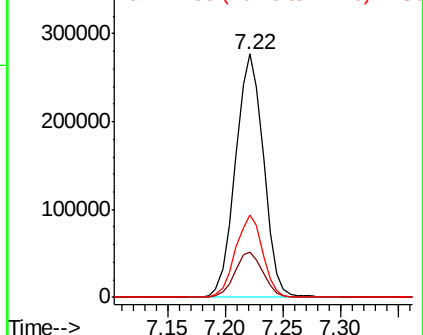
99 100

42 18.5 16.2 24.2

71 33.6 26.8 40.2



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: 9.888 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG040202.D

Acq: 28 Mar 2019 16:24

Tgt Ion: 70 Resp: 34970

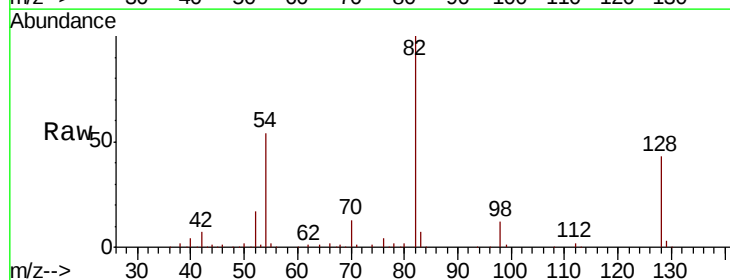
Ion Ratio Lower Upper

70 100

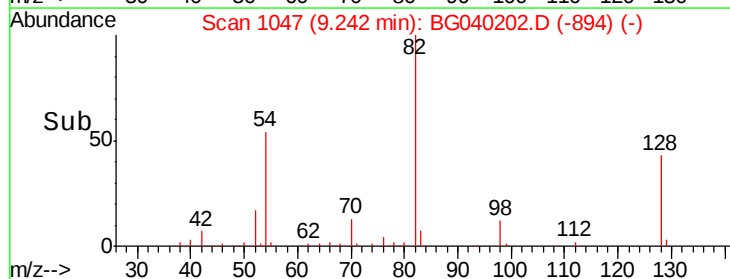
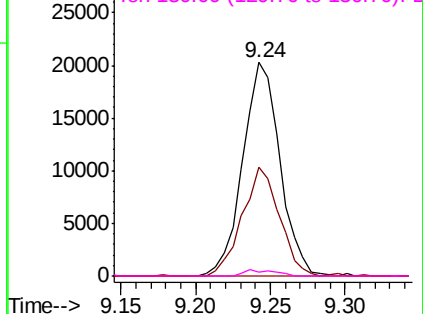
42 50.9 54.0 81.0#

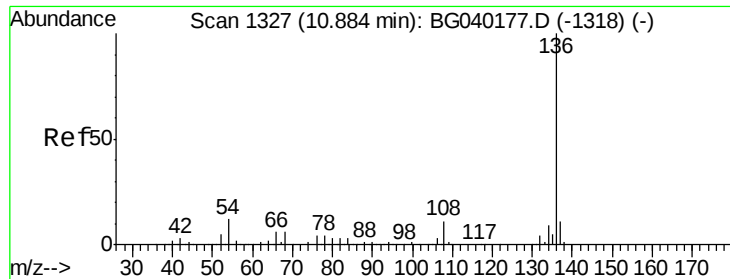
101 0.0 8.6 13.0#

130 1.9 18.2 27.2#



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

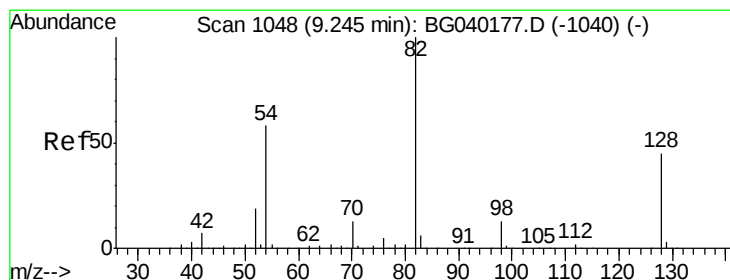
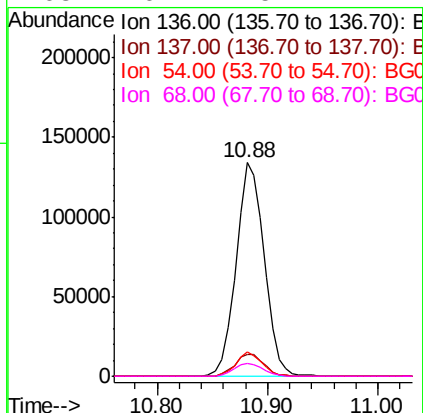
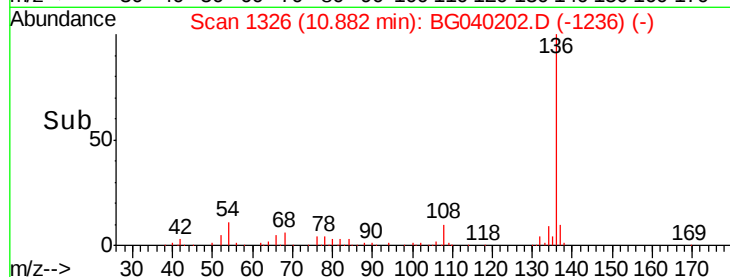
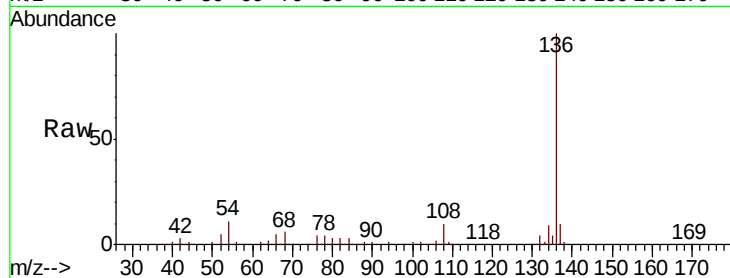




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG040202.D
Acq: 28 Mar 2019 16:24

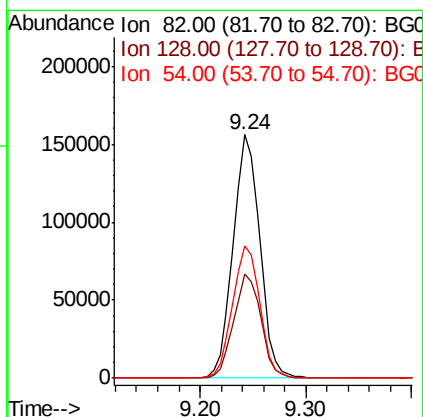
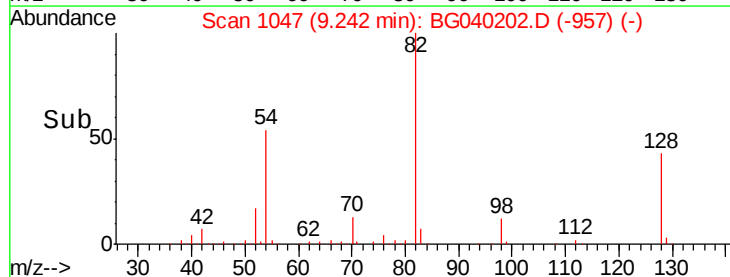
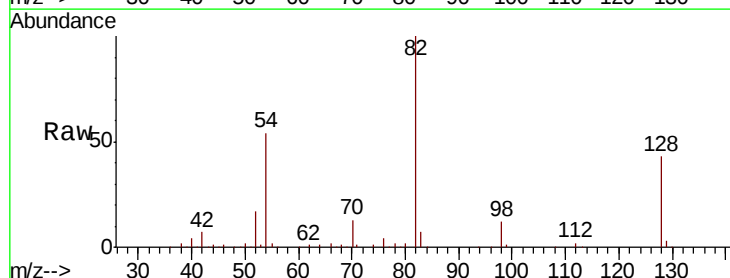
Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325

Tgt Ion:	136	Resp:	239460
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	11.2	9.6	14.4
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 60.549 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040202.D
Acq: 28 Mar 2019 16:24

Tgt Ion:	82	Resp:	272777
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.8	53.8
54	54.5	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG040202.D

Acq: 28 Mar 2019 16:24

Instrument :

BNA_G

ClientSampleId :

TT-001-IDWSO-20190325

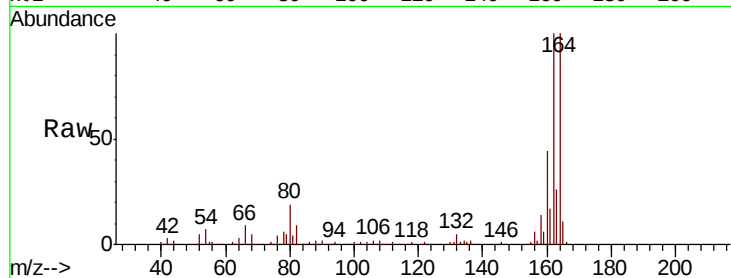
Tgt Ion:164 Resp: 147007

Ion Ratio Lower Upper

164 100

162 100.0 77.4 116.2

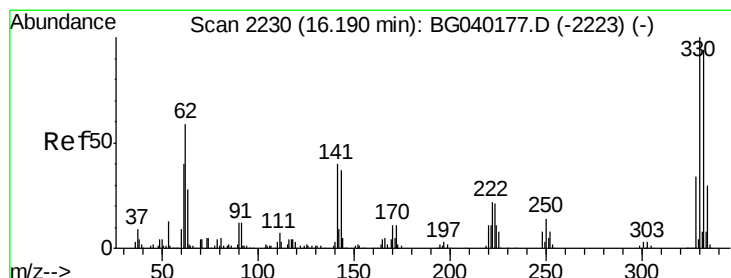
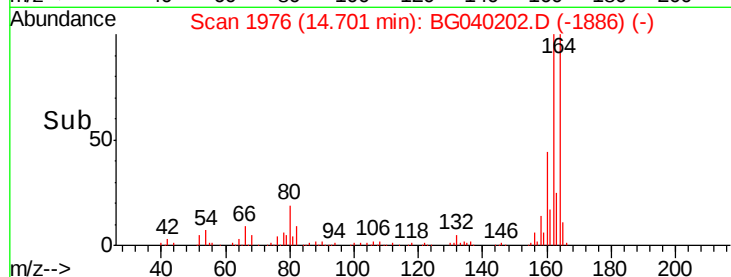
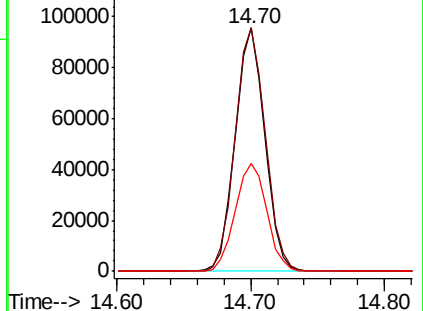
160 44.3 35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 100.600 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG040202.D

Acq: 28 Mar 2019 16:24

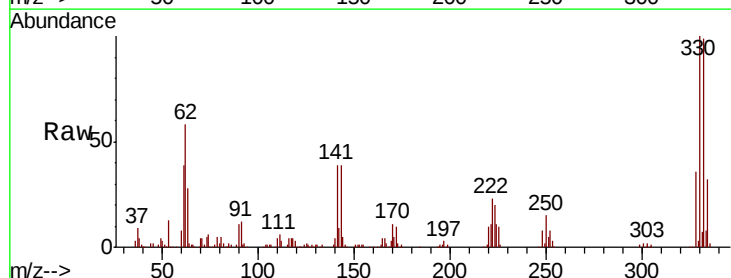
Tgt Ion:330 Resp: 159830

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

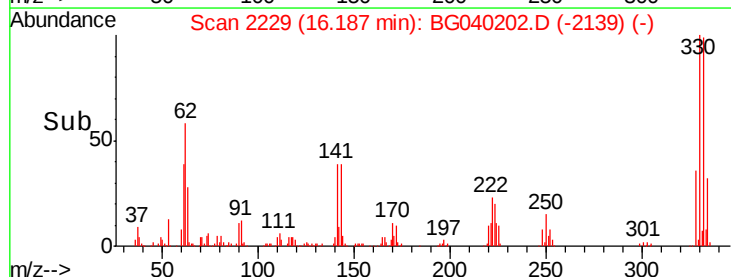
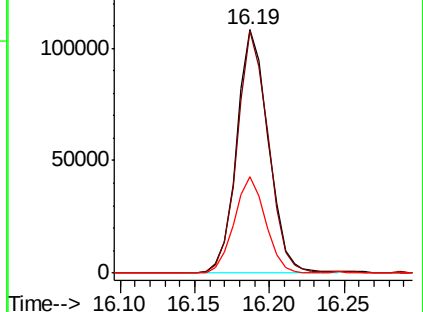
141 39.2 32.6 48.8



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

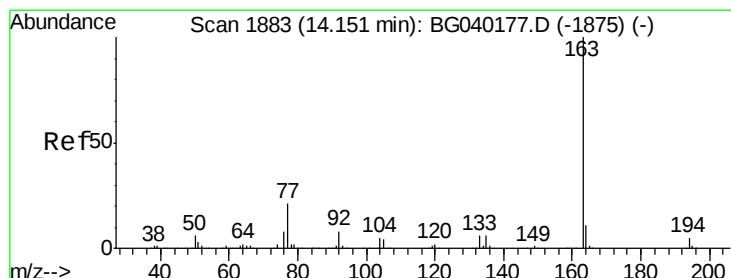
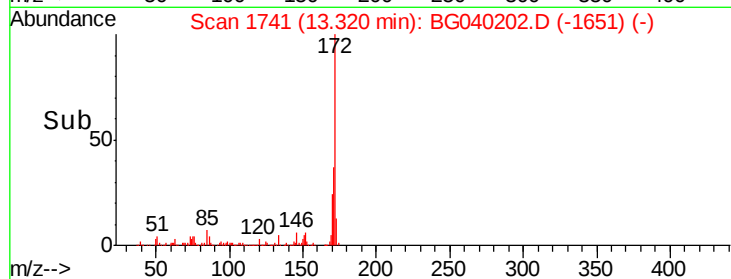
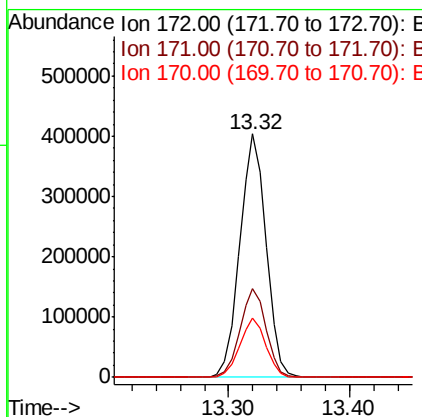
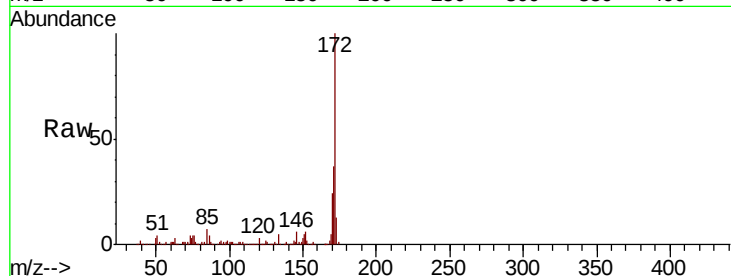




#45
 2-Fluorobiphenyl
 Concen: 61.502 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG040202.D
 Acq: 28 Mar 2019 16:24

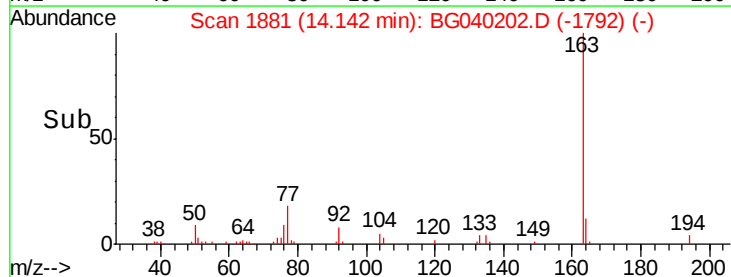
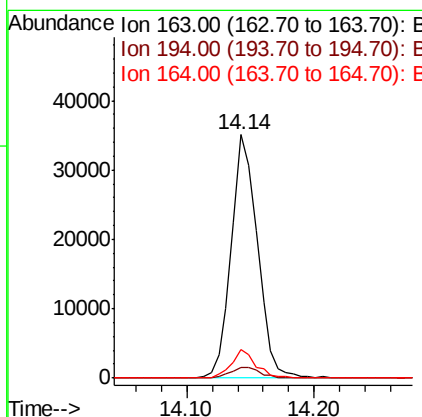
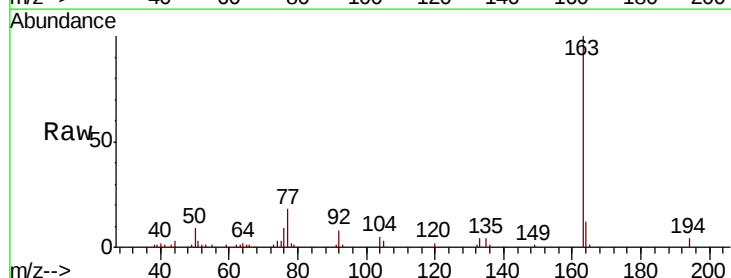
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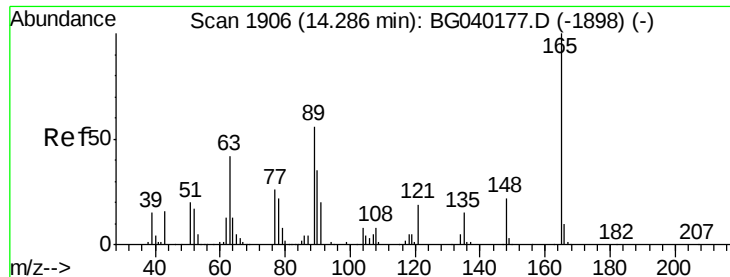
Tgt Ion:172 Resp: 610165
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 24.3 20.1 30.1



#50
 Dimethylphthalate
 Concen: 4.353 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG040202.D
 Acq: 28 Mar 2019 16:24

Tgt Ion:163 Resp: 50079
 Ion Ratio Lower Upper
 163 100
 194 4.3 4.1 6.1
 164 11.7 8.6 13.0

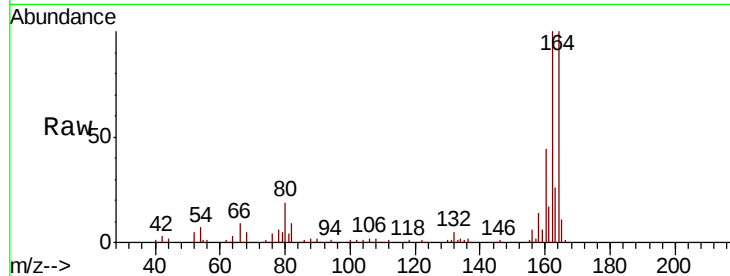




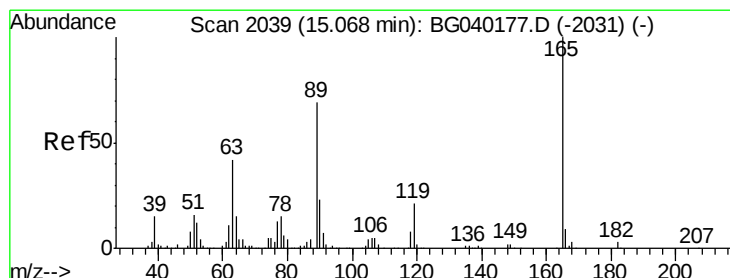
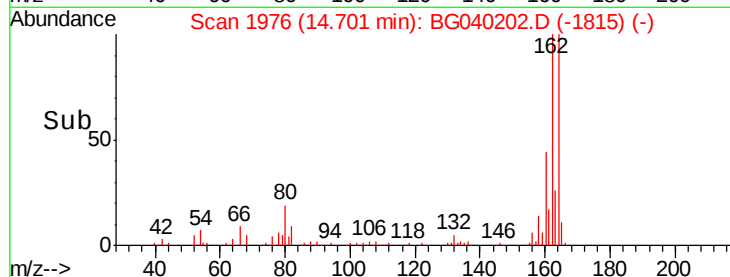
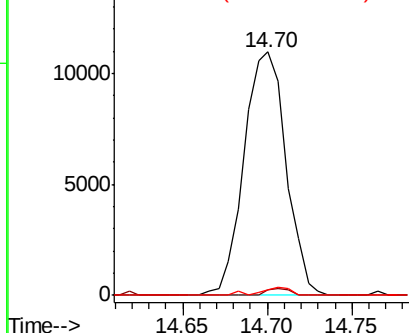
#51
 2,6-Dinitrotoluene
 Concen: 7.318 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.41 min
 Lab File: BG040202.D
 Acq: 28 Mar 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.1	66.1#
89	2.5	44.9	67.3#

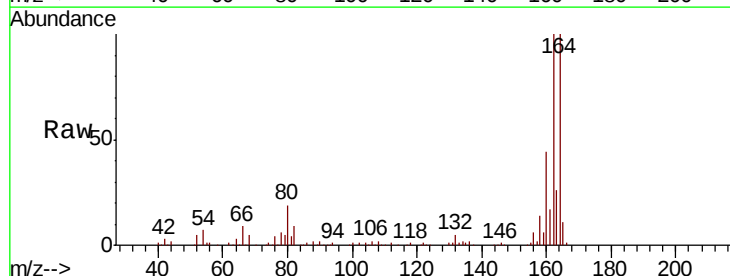


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

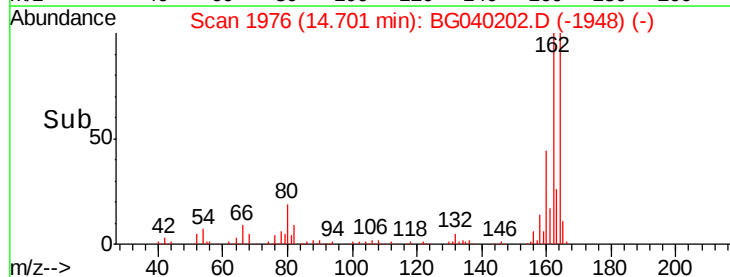
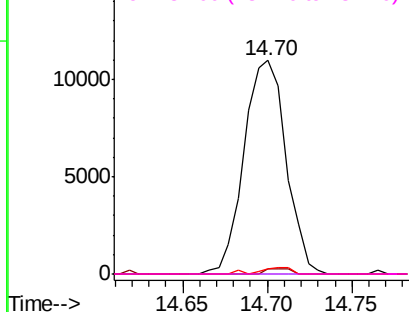


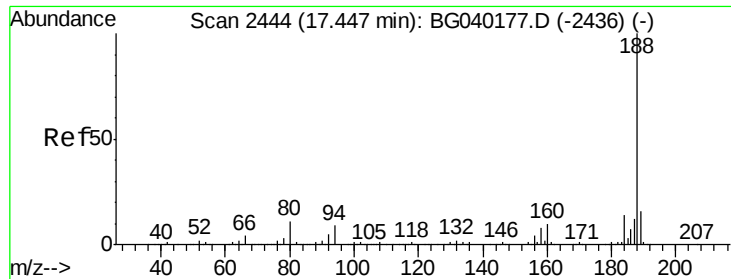
#57
 2,4-Dinitrotoluene
 Concen: 5.266 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG040202.D
 Acq: 28 Mar 2019 16:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.8	50.6#
89	2.5	55.4	83.2#
182	0.0	2.2	3.4#



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

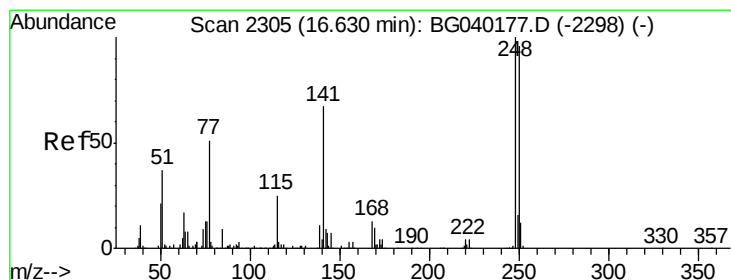
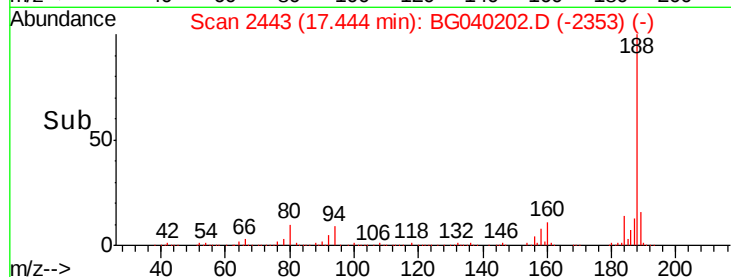
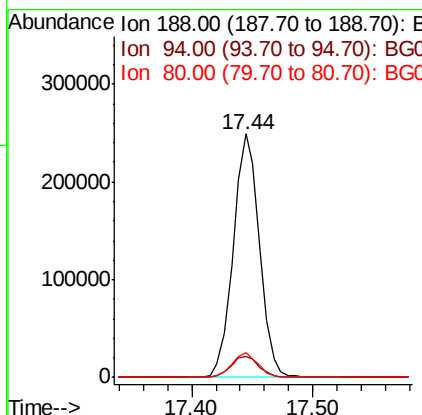
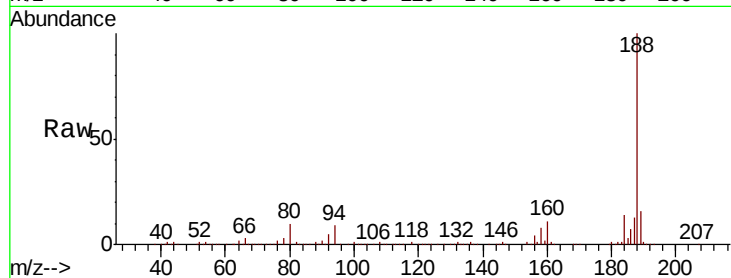




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG040202.D
 Acq: 28 Mar 2019 16:24

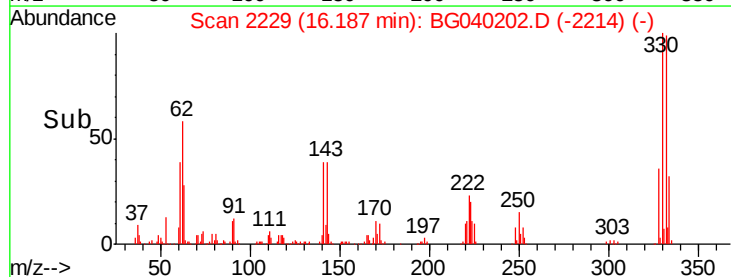
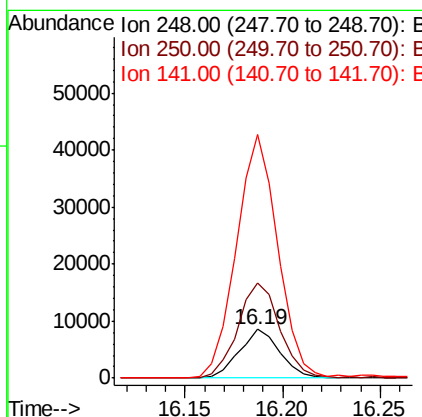
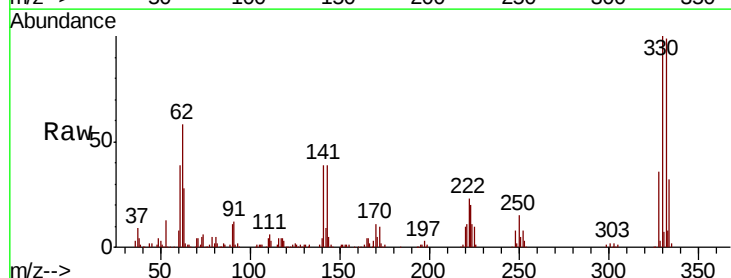
Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325

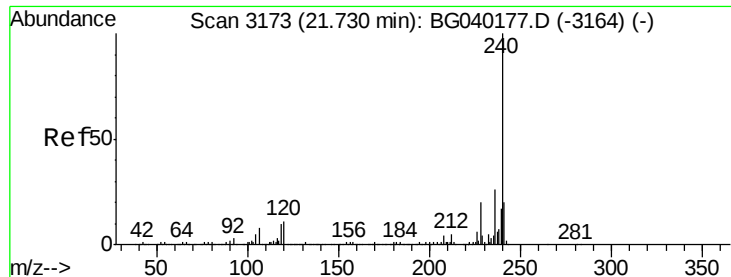
Tgt Ion:188 Resp: 375013
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.4
 80 10.2 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 2.902 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG040202.D
 Acq: 28 Mar 2019 16:24

Tgt Ion:248 Resp: 12245
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.4 114.6#
 141 498.6 53.8 80.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040202.D

Acq: 28 Mar 2019 16:24

Instrument :

BNA_G

ClientSampleId :

TT-001-IDWSO-20190325

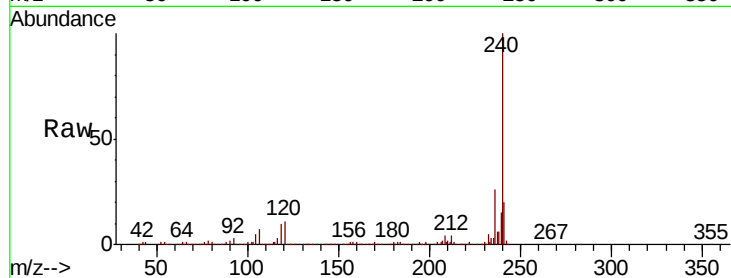
Tgt Ion:240 Resp: 411979

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

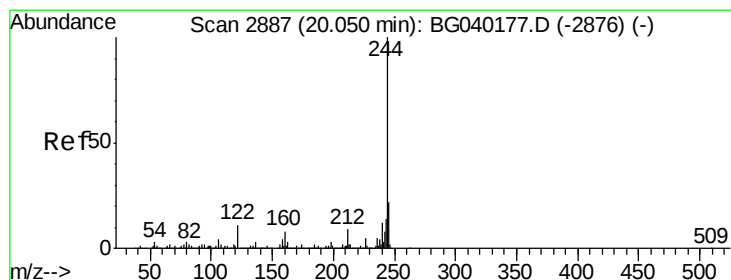
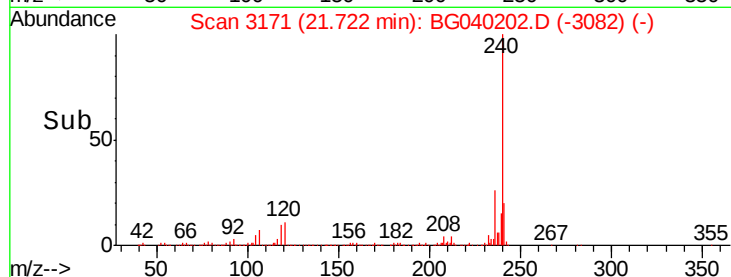
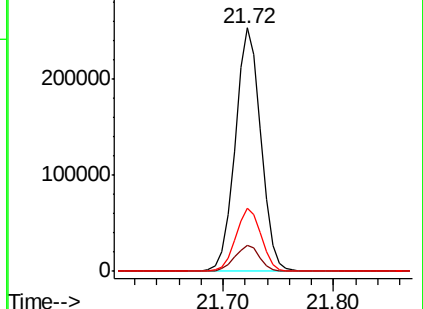
236 26.0 20.8 31.2



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: 55.310 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040202.D

Acq: 28 Mar 2019 16:24

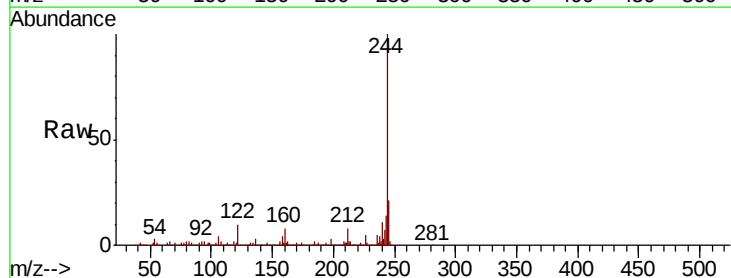
Tgt Ion:244 Resp: 1012889

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

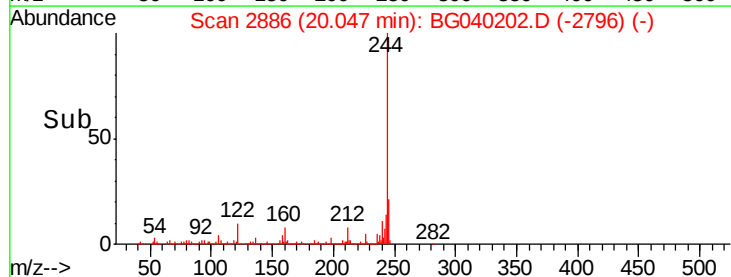
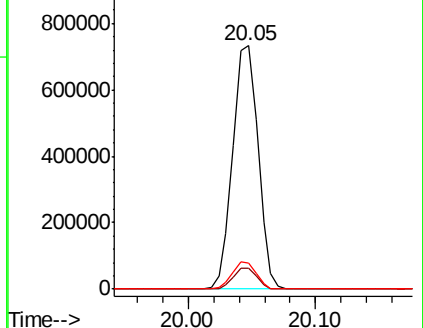
122 10.5 8.5 12.7

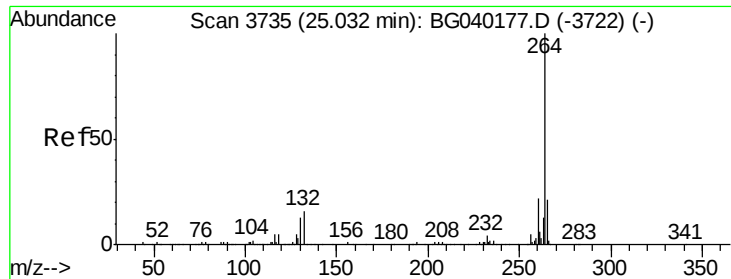


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040202.D
Acq: 28 Mar 2019 16:24

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325

Tgt Ion: 264 Resp: 418914
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 20.9 16.8 25.2

