

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040280.D
 Acq On : 2 Apr 2019 00:55
 Operator : JU/SJ
 Sample : K2179-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8D

Quant Time: Apr 02 02:19:55 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

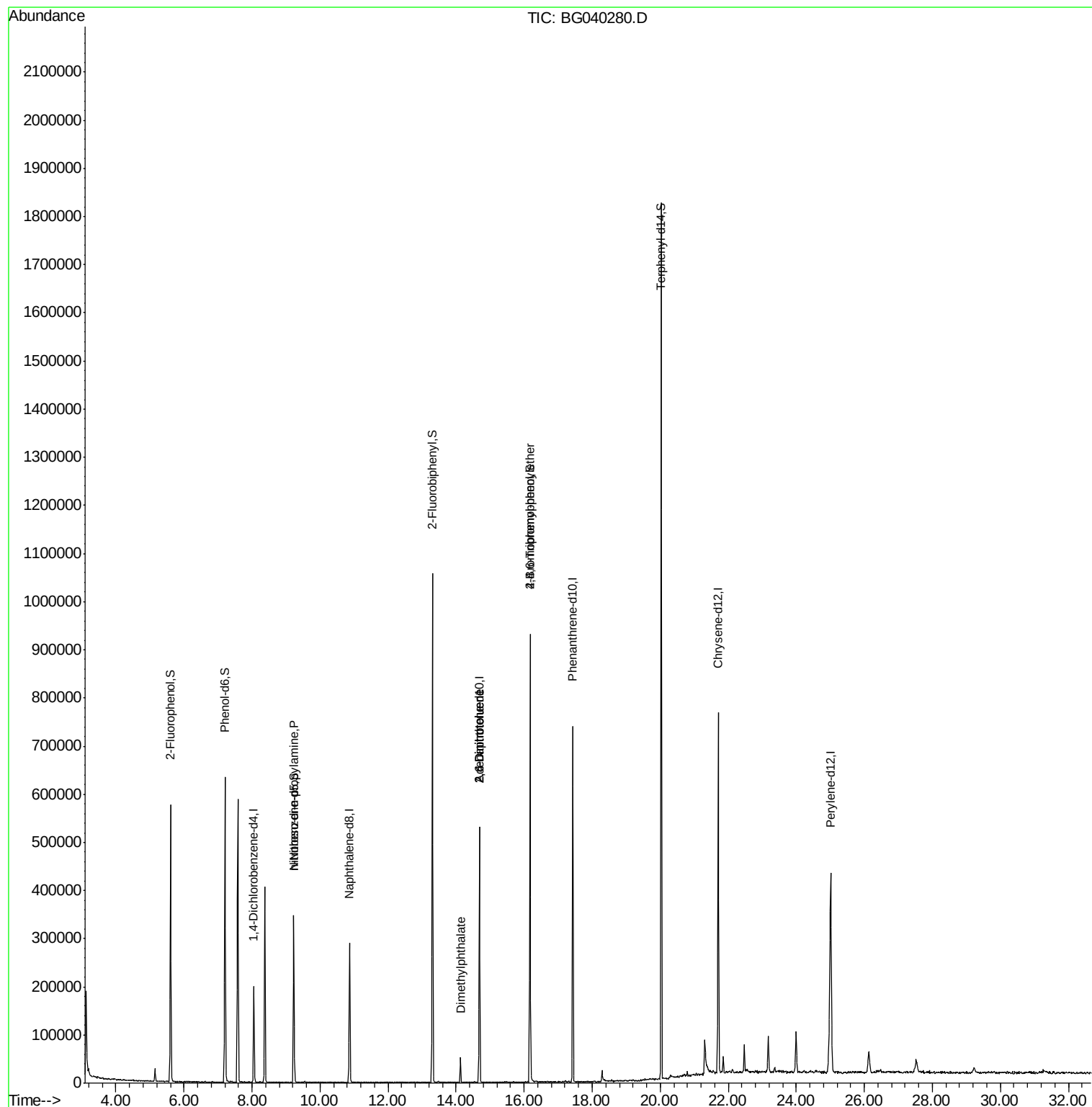
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55003	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	250593	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	181345	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	465496	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	442093	20.00	ng	-0.02
87) Perylene-d12	25.01	264	448897	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	253158	76.51	ng	-0.01
7) Phenol-d6	7.21	99	375221	82.06	ng	-0.02
23) Nitrobenzene-d5	9.23	82	209863	44.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	165230	84.31	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	555239	45.37	ng	-0.02
79) Terphenyl-d14	20.03	244	911945	46.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	26848	8.189	ng	# 71
50) Dimethylphthalate	14.13	163	36662	2.583	ng	# 99
51) 2,6-Dinitrotoluene	14.69	165	24033	7.541	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	24033	5.427	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	12515	2.389	ng	# 1

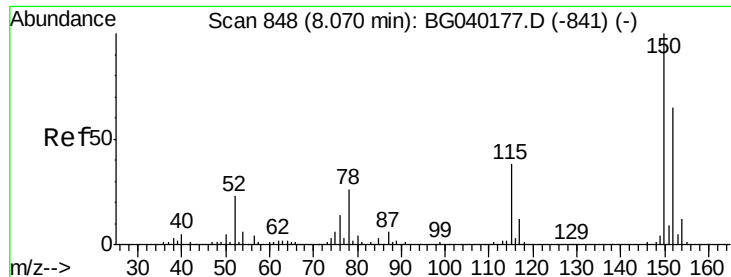
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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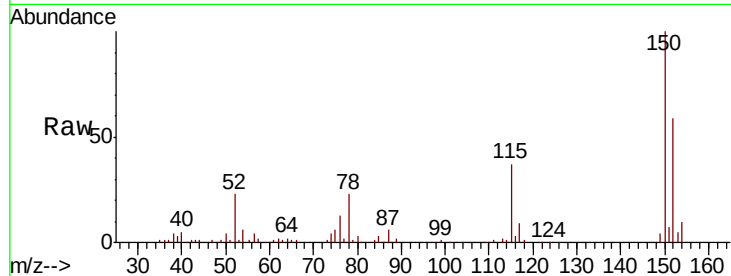


#1

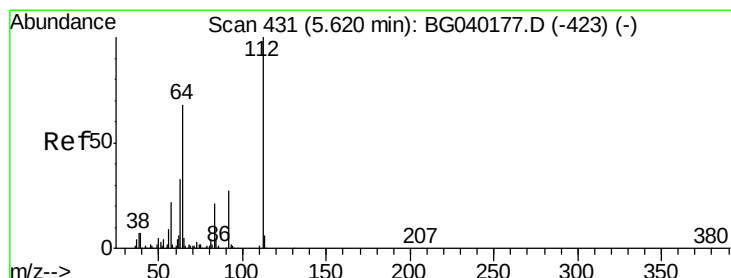
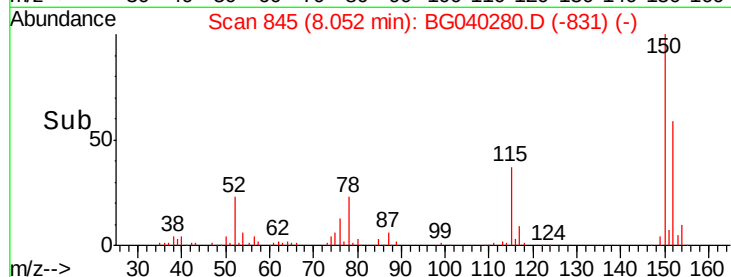
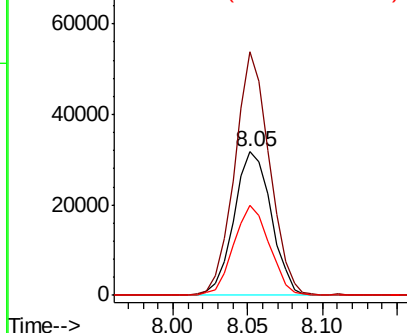
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Instrument :
BNA_G
ClientSampleId :
TP-8D

Tgt Ion:152 Resp: 55003
Ion Ratio Lower Upper
152 100
150 169.6 123.7 185.5
115 63.0 46.9 70.3



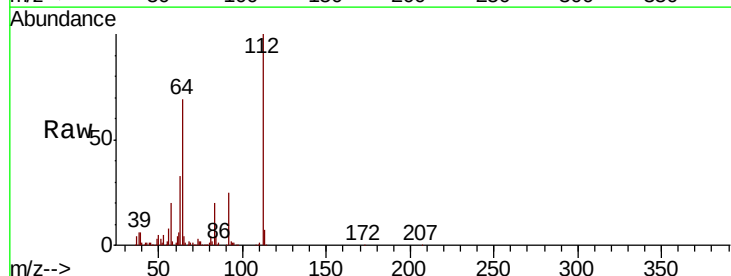
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



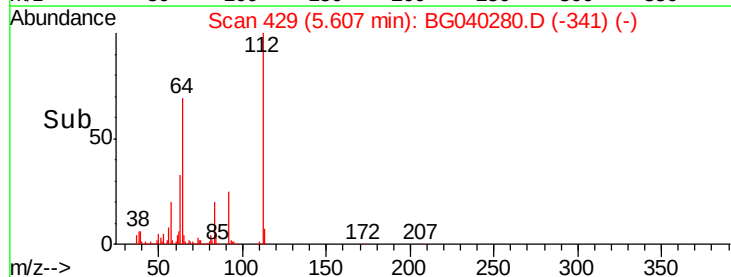
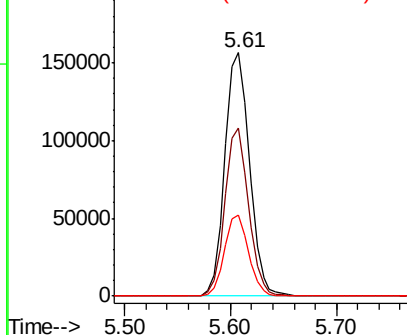
#5

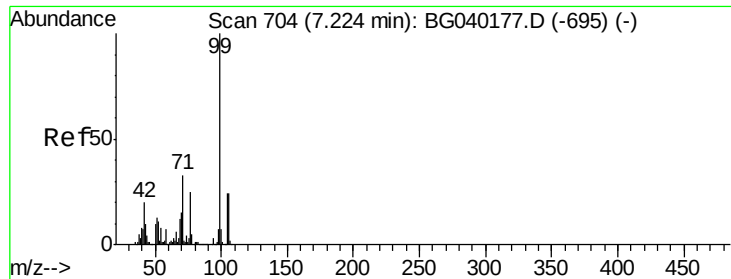
2-Fluorophenol
Concen: 76.515 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Tgt Ion:112 Resp: 253158
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.2
63 33.1 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: 82.059 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040280.D

Acq: 2 Apr 2019 00:55

Instrument :

BNA_G

ClientSampleId :

TP-8D

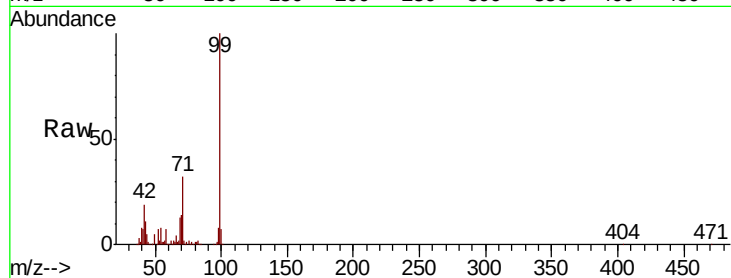
Tgt Ion: 99 Resp: 375221

Ion Ratio Lower Upper

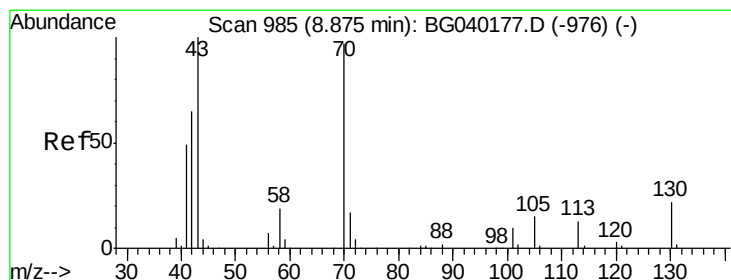
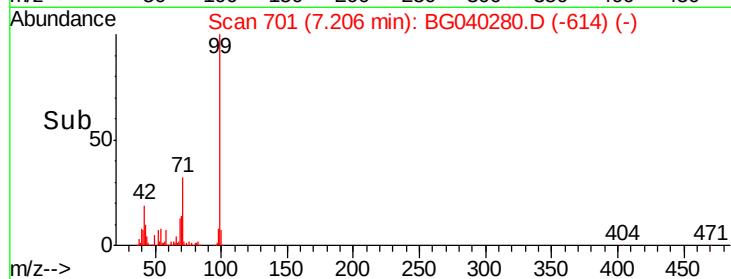
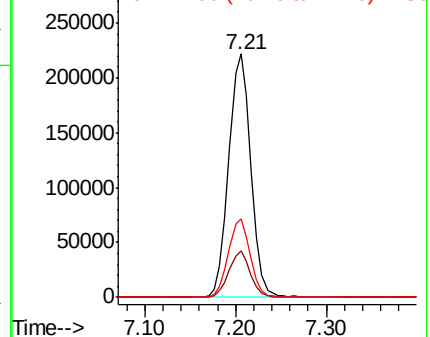
99 100

42 18.9 16.2 24.2

71 32.2 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: 8.189 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040280.D

Acq: 2 Apr 2019 00:55

Tgt Ion: 70 Resp: 26848

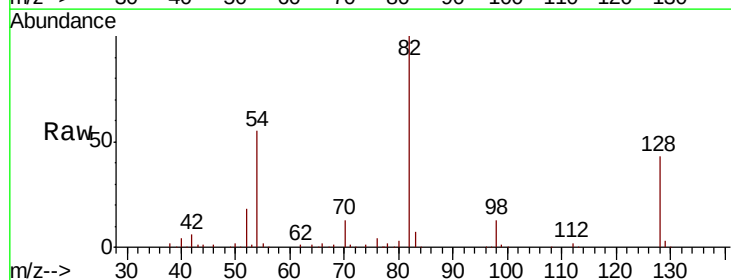
Ion Ratio Lower Upper

70 100

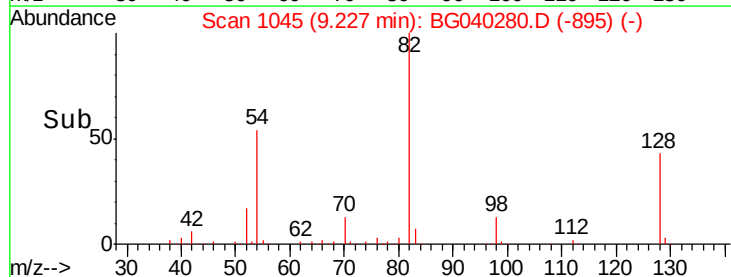
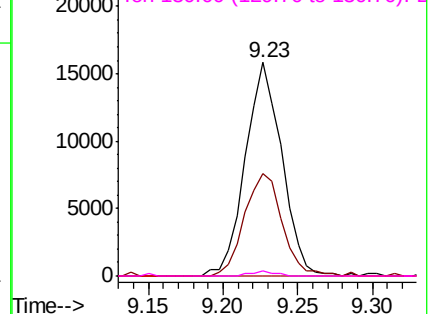
42 47.9 54.0 81.0#

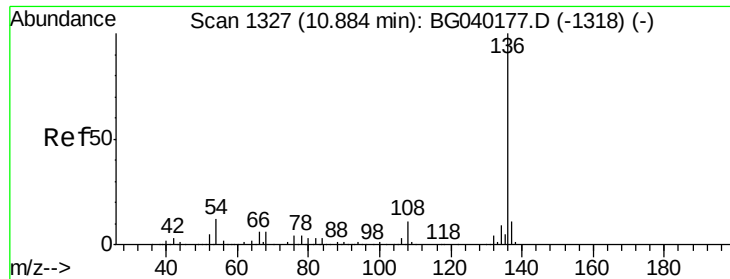
101 0.0 8.6 13.0#

130 2.1 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

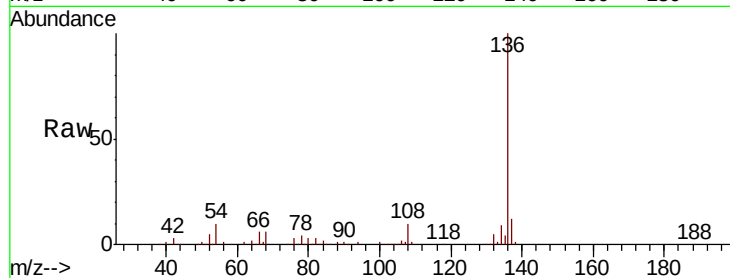




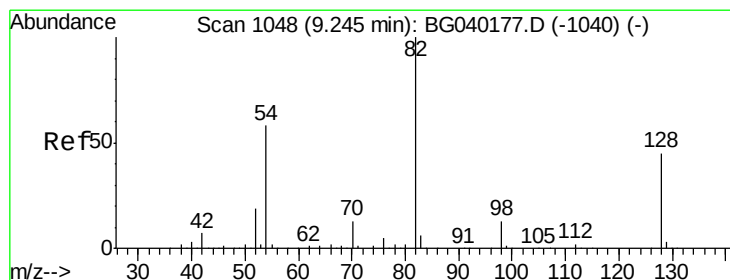
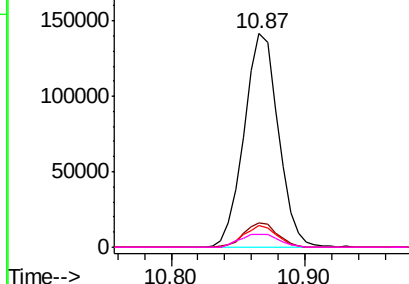
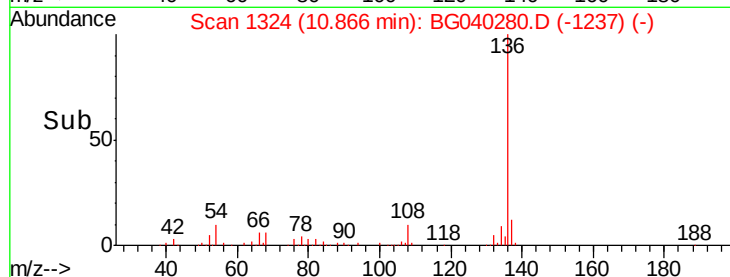
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Instrument :
BNA_G
ClientSampleId :
TP-8D

Tgt Ion:	136	Resp:	250593
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.9	9.6	14.4
68	5.8	5.1	7.7

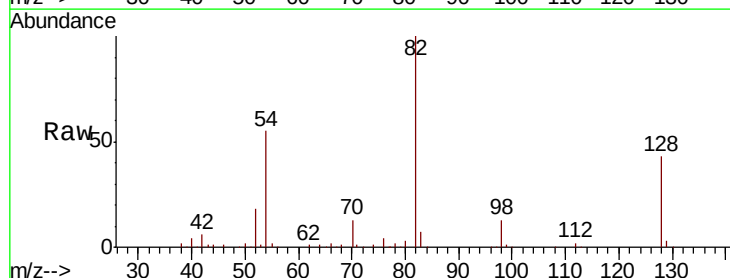


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

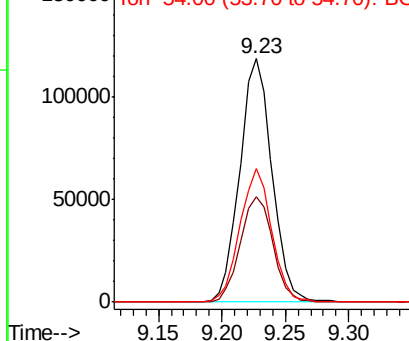
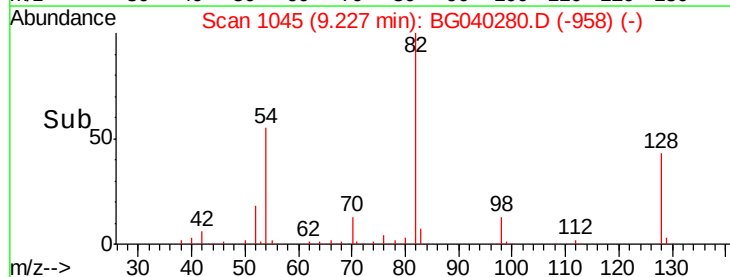


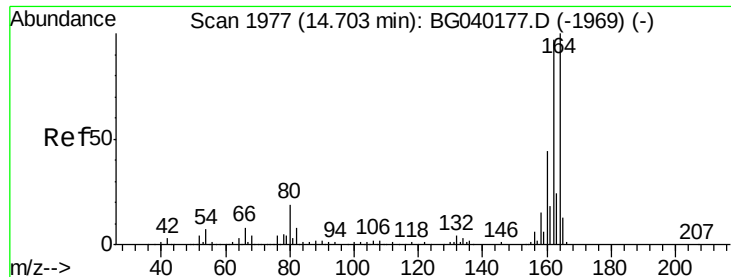
#23
Nitrobenzene-d5
Concen: 44.514 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Tgt Ion:	82	Resp:	209863
Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.8	53.8
54	54.6	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040280.D

Acq: 2 Apr 2019 00:55

Instrument :

BNA_G

ClientSampleId :

TP-8D

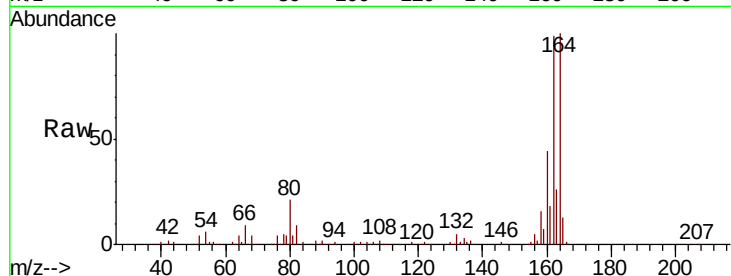
Tgt Ion:164 Resp: 181345

Ion Ratio Lower Upper

164 100

162 98.7 77.4 116.2

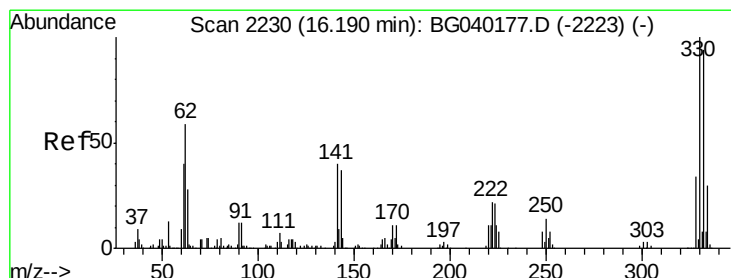
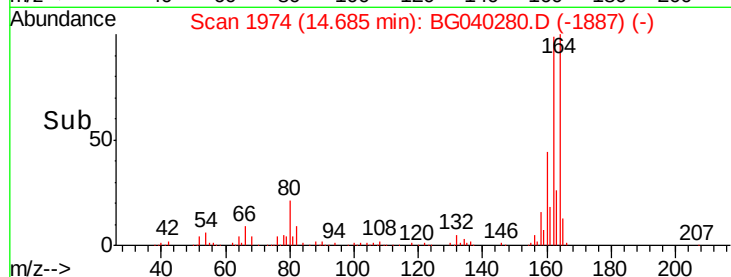
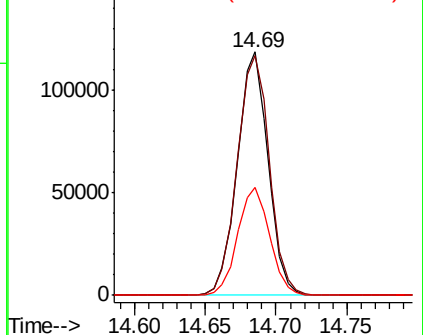
160 44.4 35.3 52.9



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: 84.307 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040280.D

Acq: 2 Apr 2019 00:55

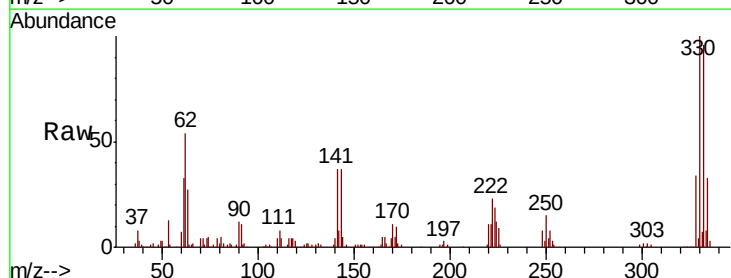
Tgt Ion:330 Resp: 165230

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

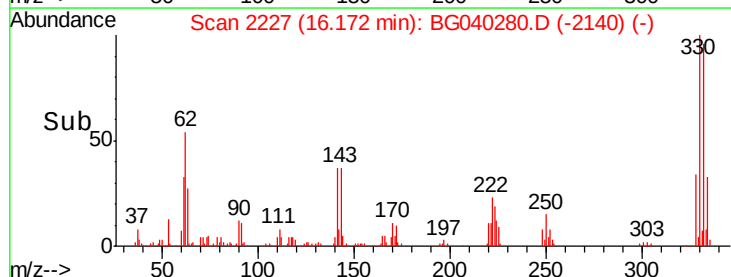
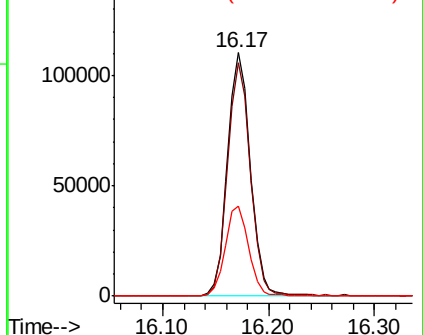
141 37.8 32.6 48.8

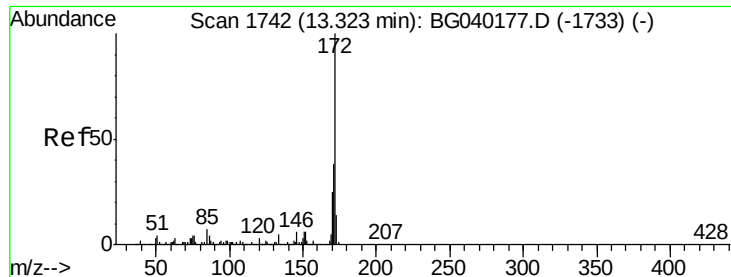


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

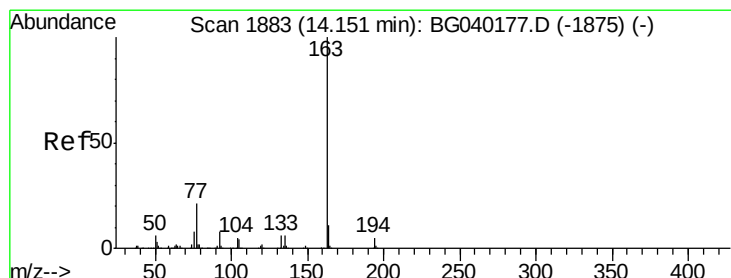
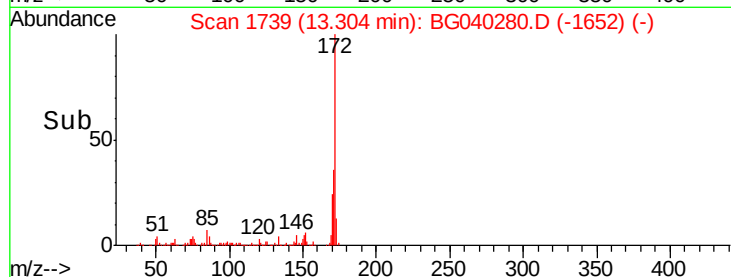
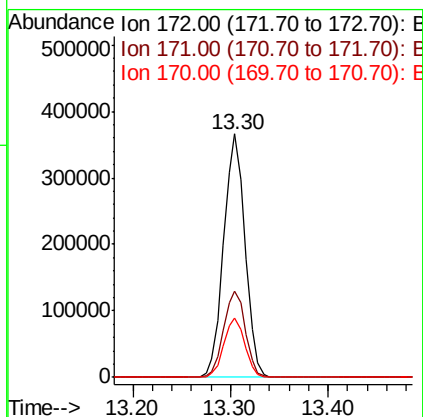
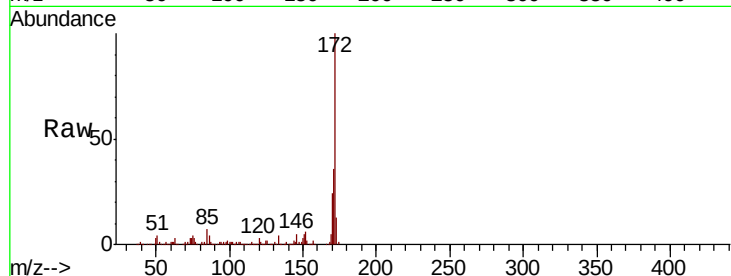




#45
2-Fluorobiphenyl
Concen: 45.368 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

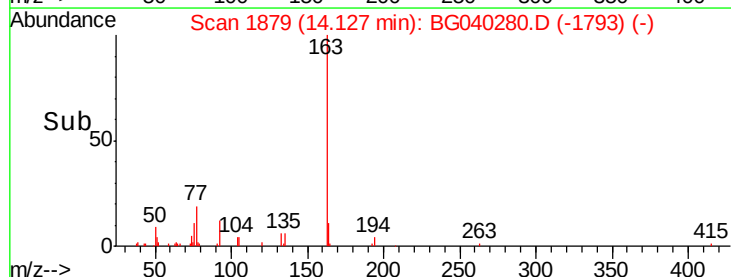
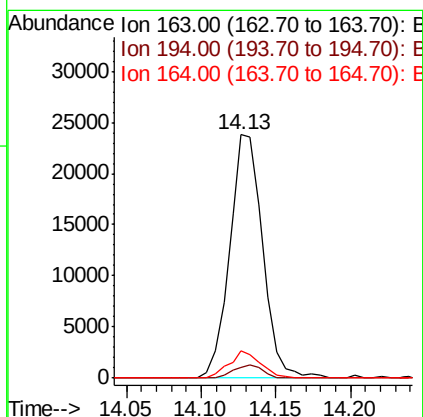
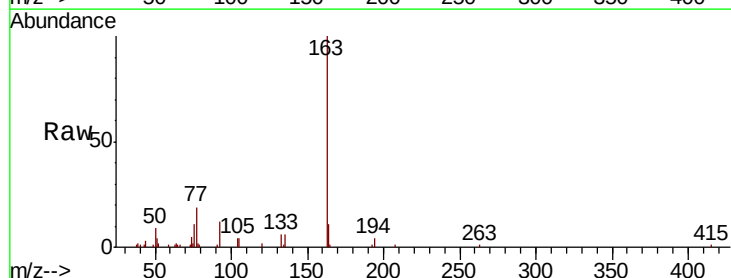
Instrument :
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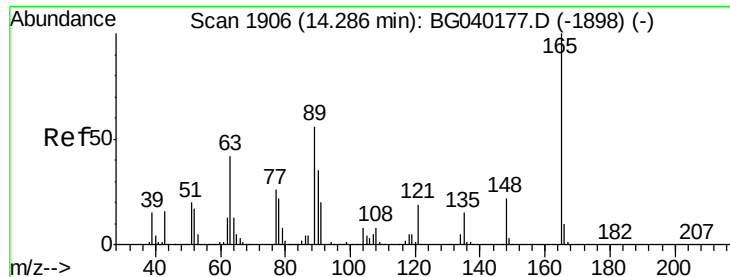
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	24.4	20.1	30.1



#50
Dimethylphthalate
Concen: 2.583 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.1	6.1
164	11.3	8.6	13.0

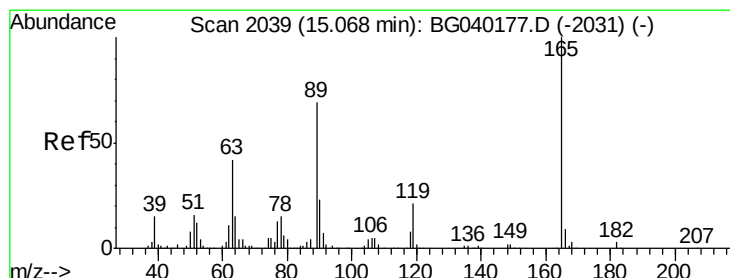
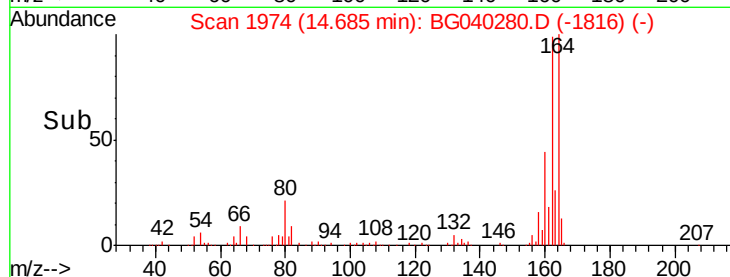
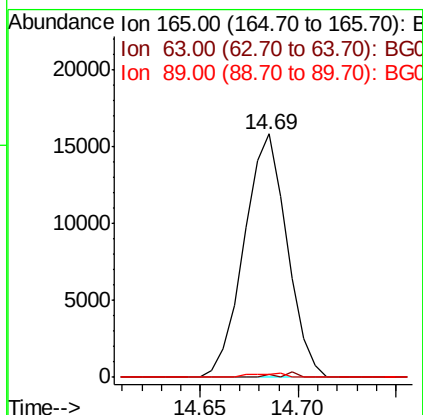
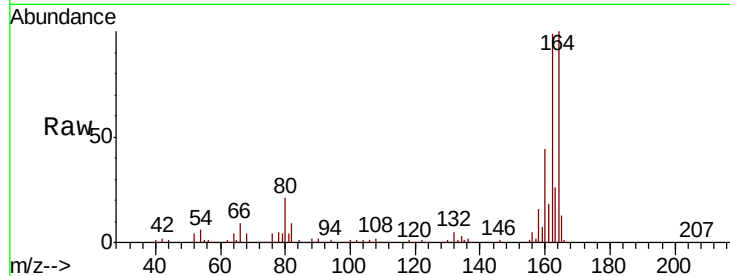




#51
 2,6-Dinitrotoluene
 Concen: 7.541 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG040280.D
 Acq: 2 Apr 2019 00:55

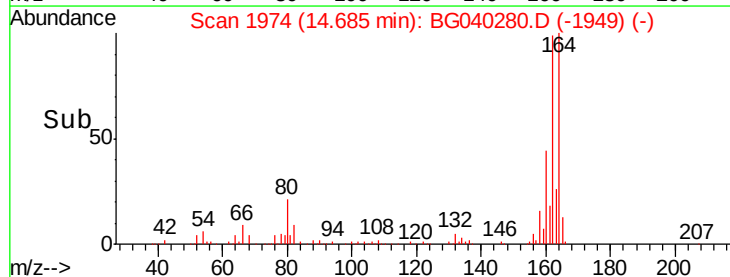
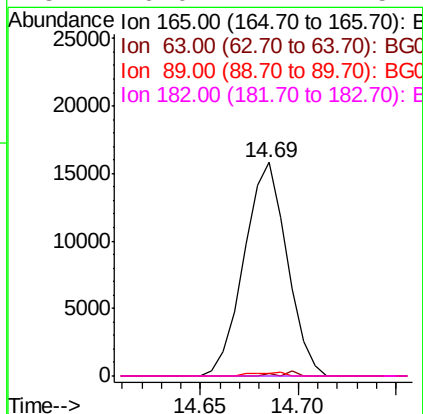
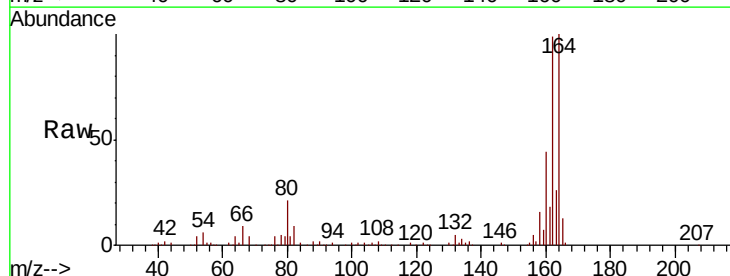
Instrument :
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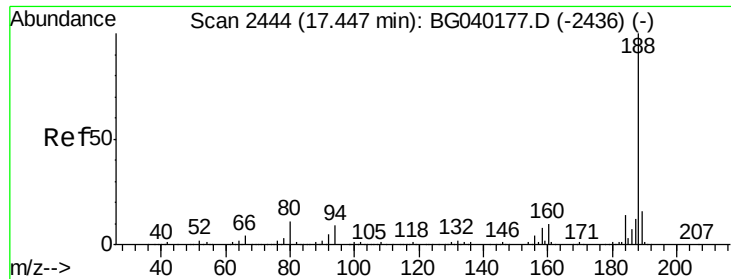
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.1	66.1#
89	1.4	44.9	67.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.427 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040280.D
 Acq: 2 Apr 2019 00:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.8	50.6#
89	1.4	55.4	83.2#
182	0.0	2.2	3.4#

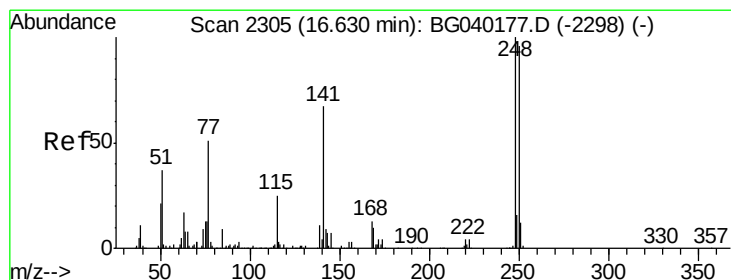
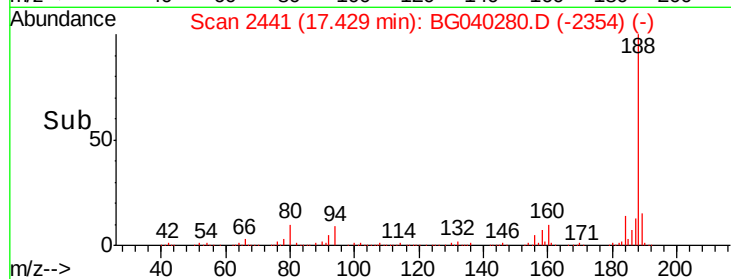
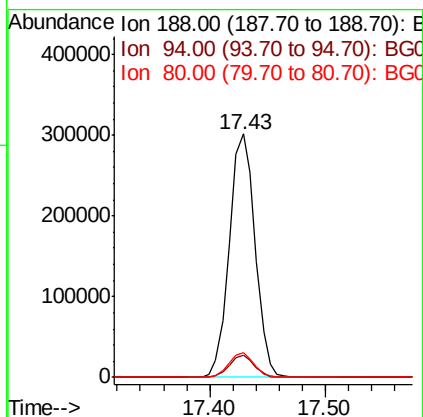
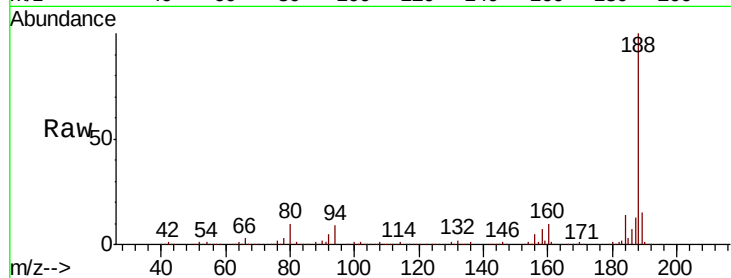




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040280.D
 Acq: 2 Apr 2019 00:55

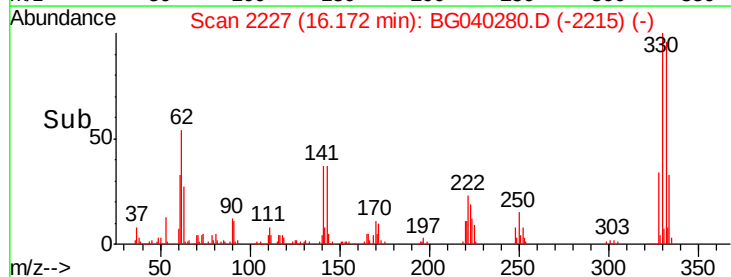
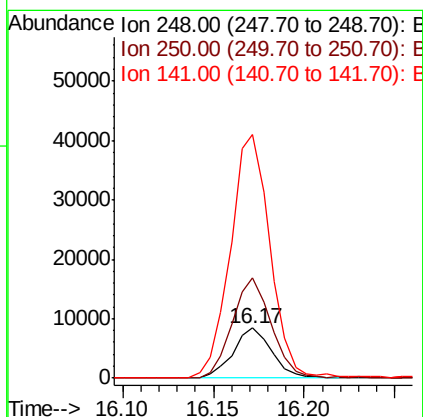
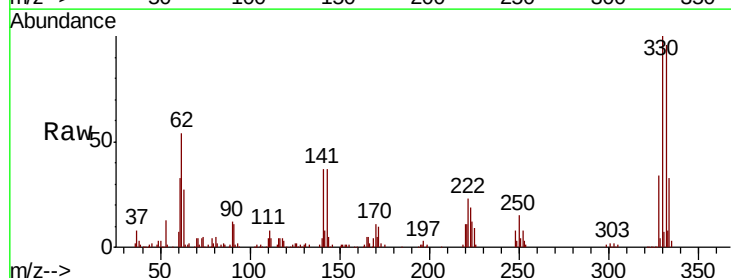
Instrument :
 BNA_G
 ClientSampleId :
 TP-8D

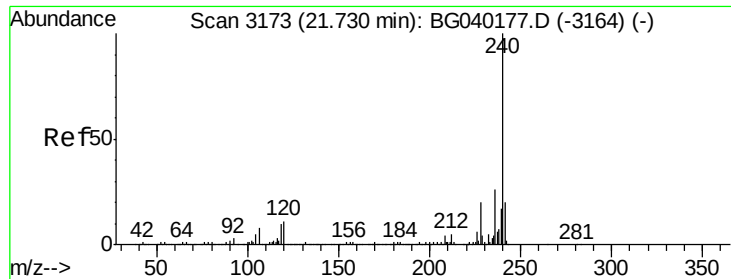
Tgt Ion:188 Resp: 465496
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.0 10.4
 80 10.0 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 2.389 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040280.D
 Acq: 2 Apr 2019 00:55

Tgt Ion:248 Resp: 12515
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.4 114.6#
 141 486.6 53.8 80.8#

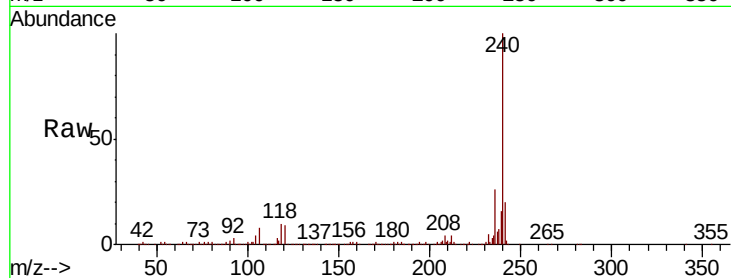




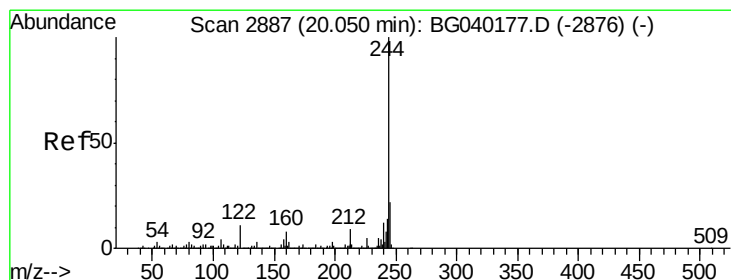
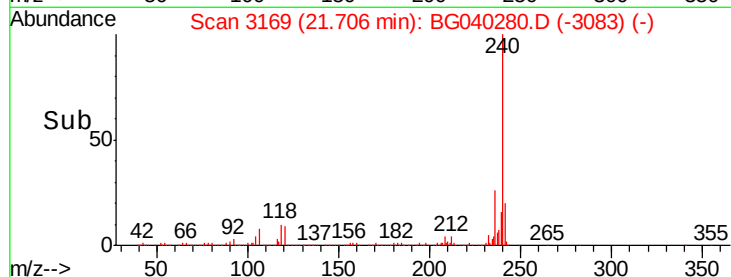
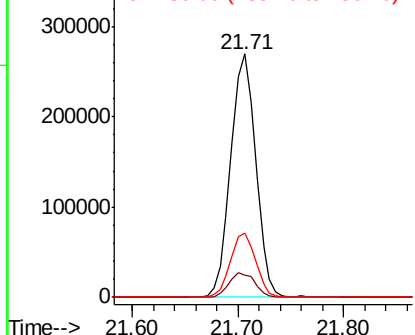
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Instrument :
BNA_G
ClientSampleId :
TP-8D

Tgt Ion:240 Resp: 442093
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 26.2 20.8 31.2

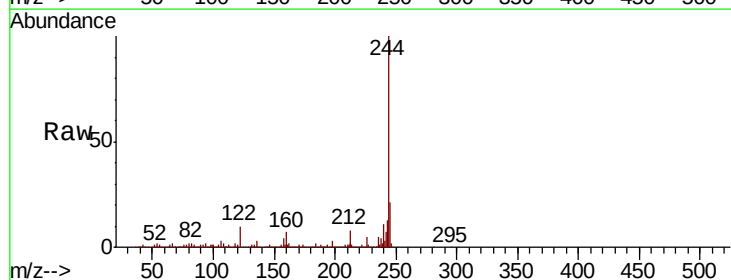


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

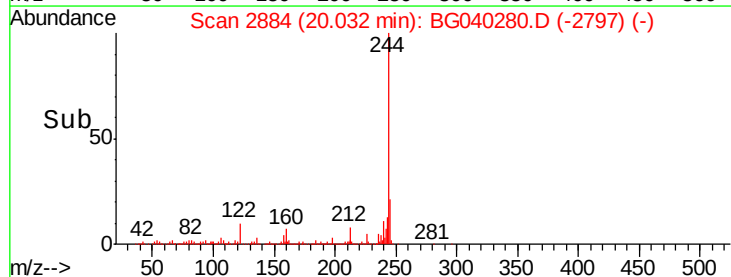
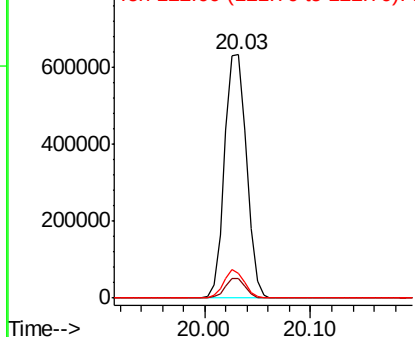


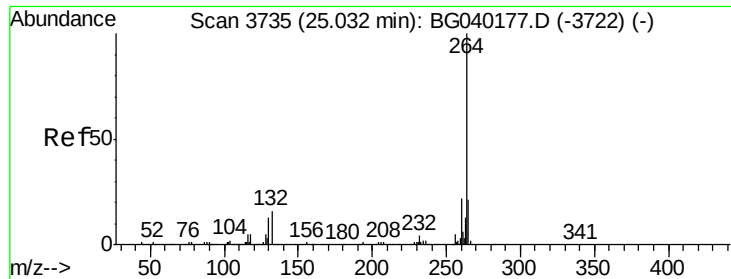
#79
Terphenyl-d14
Concen: 46.406 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Tgt Ion:244 Resp: 911945
Ion Ratio Lower Upper
244 100
212 7.9 7.0 10.6
122 10.4 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: 25.01 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BG040280.D
Acq: 2 Apr 2019 00:55

Instrument :
BNA_G
ClientSampleId :
TP-8D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.9	26.9
265	21.8	16.8	25.2

