

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040206.D
 Acq On : 28 Mar 2019 19:04
 Operator : JU/SJ
 Sample : K2107-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 29 05:46:53 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

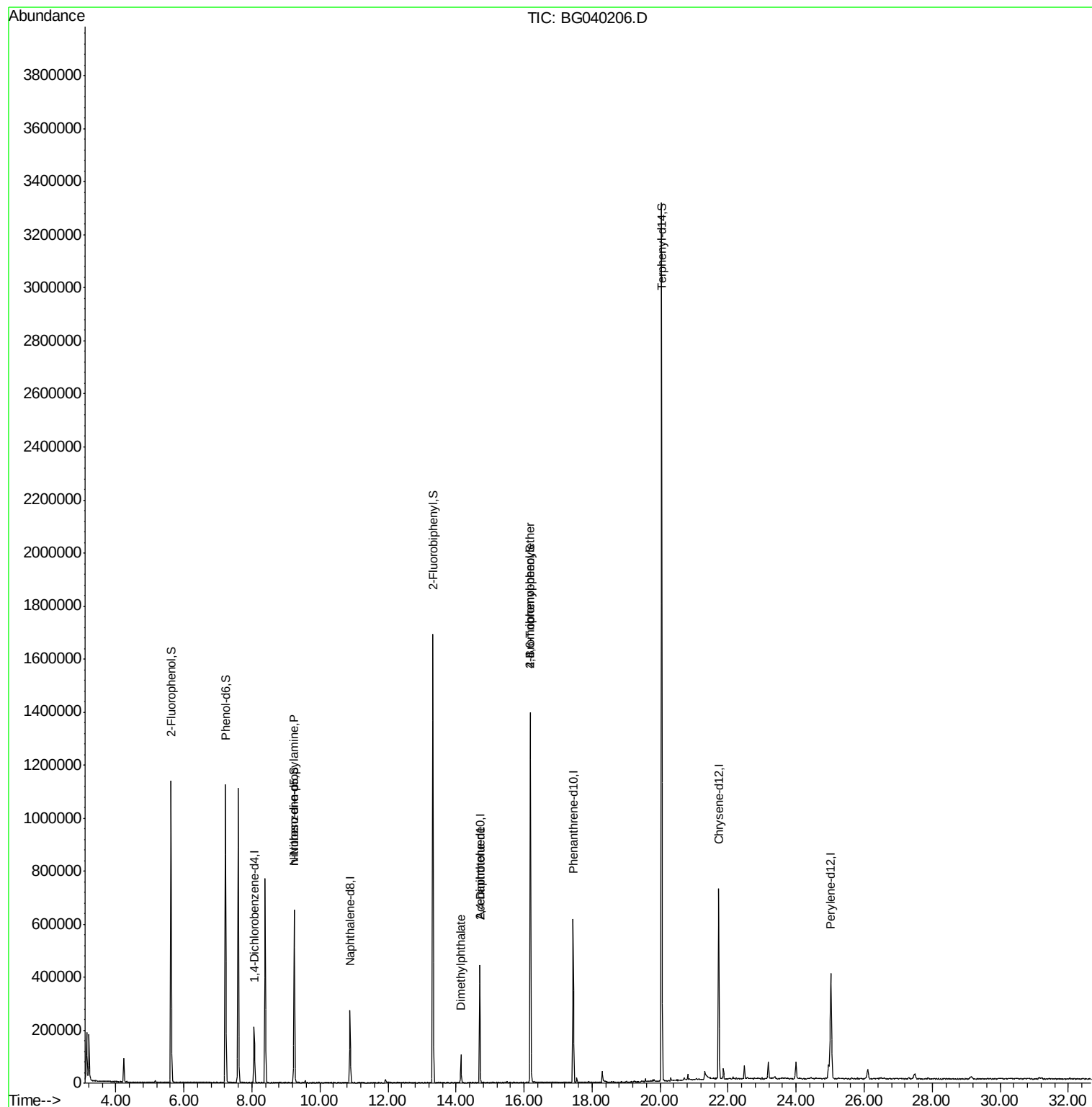
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58377	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	239015	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	147858	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	383646	20.00	ng	0.00
76) Chrysene-d12	21.72	240	410473	20.00	ng	0.00
87) Perylene-d12	25.02	264	418309	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	478237	136.19	ng	0.00
7) Phenol-d6	7.23	99	672862	138.65	ng	0.00
23) Nitrobenzene-d5	9.24	82	403469	89.73	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	243850	152.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	900064	90.20	ng	0.00
79) Terphenyl-d14	20.05	244	1544451	84.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	51610	14.832	ng	Qvalue # 75
50) Dimethylphthalate	14.14	163	69735	6.026	ng	98
57) 2,4-Dinitrotoluene	14.70	165	19192	5.316	ng	# 26
67) 4-Bromophenyl-phenylether	16.19	248	18549	4.296	ng	# 1

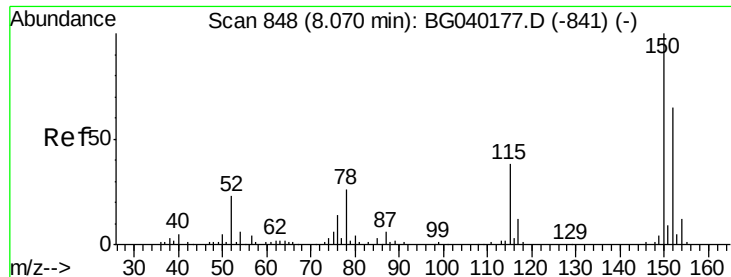
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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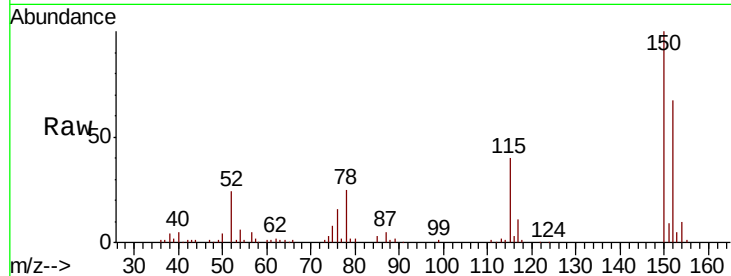




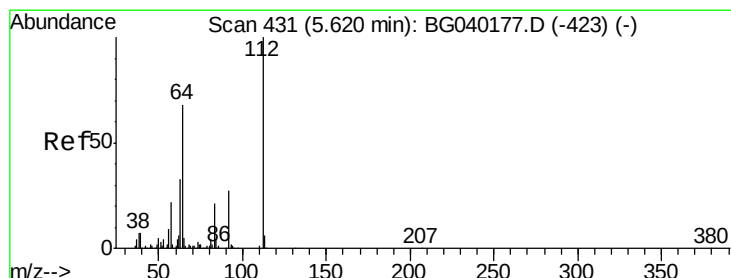
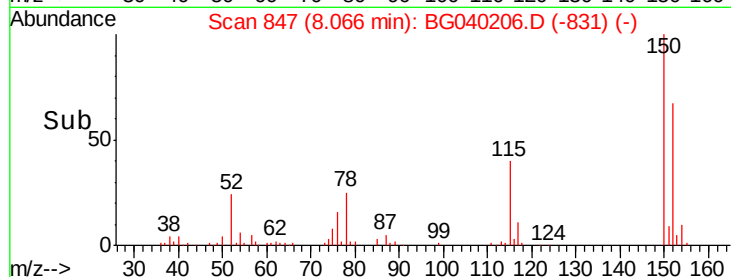
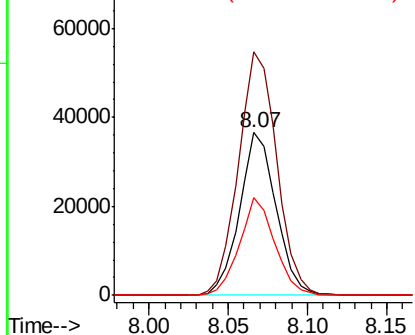
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 58377
 Ion Ratio Lower Upper
 152 100
 150 149.8 123.7 185.5
 115 59.8 46.9 70.3

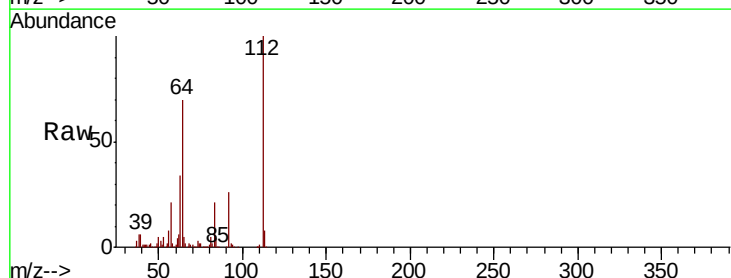


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

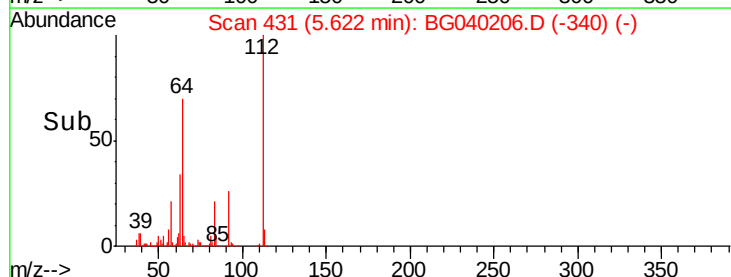
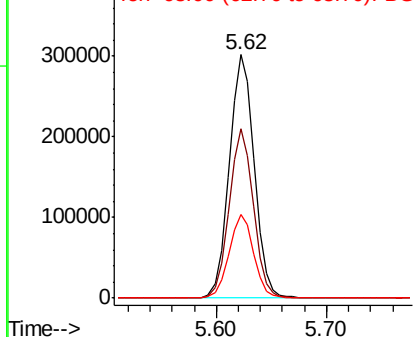


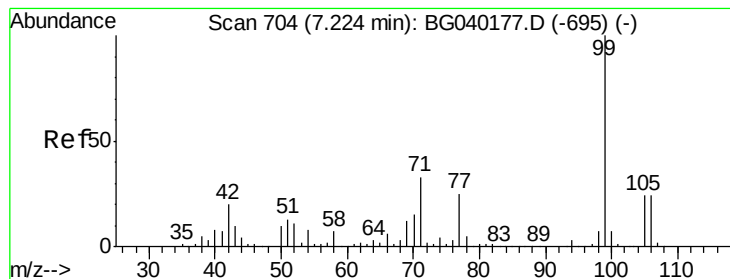
#5
 2-Fluorophenol
 Concen: 136.188 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

Tgt Ion:112 Resp: 478237
 Ion Ratio Lower Upper
 112 100
 64 69.5 54.2 81.2
 63 34.3 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: 138.647 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampleId :

TP-2

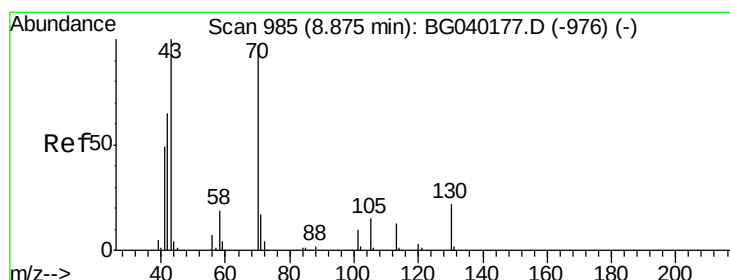
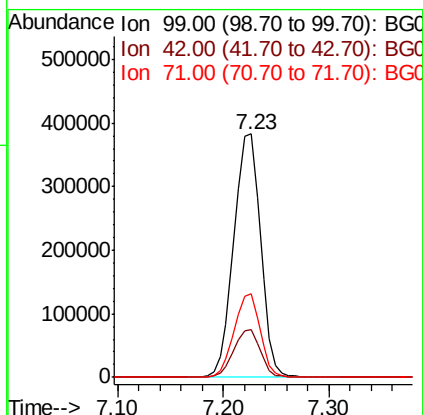
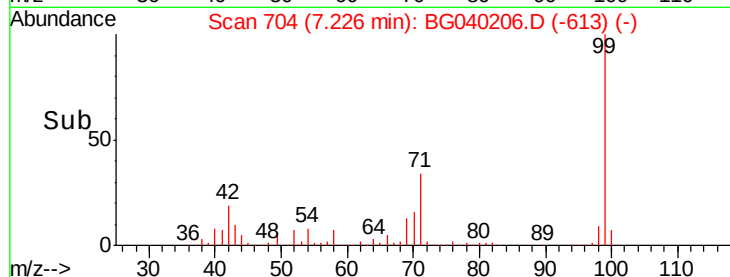
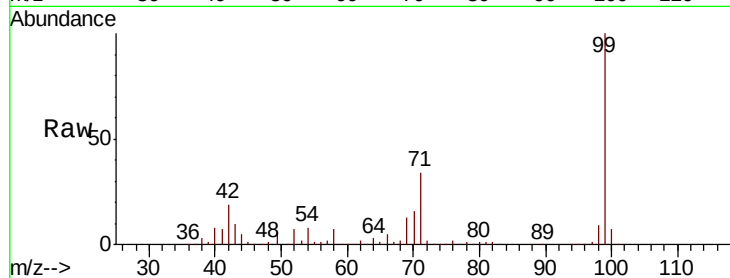
Tgt Ion: 99 Resp: 672862

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.2

71 34.5 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.832 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Tgt Ion: 70 Resp: 51610

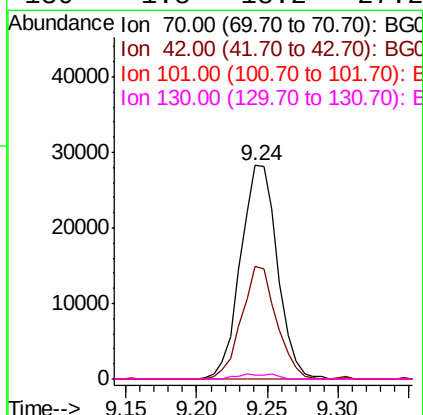
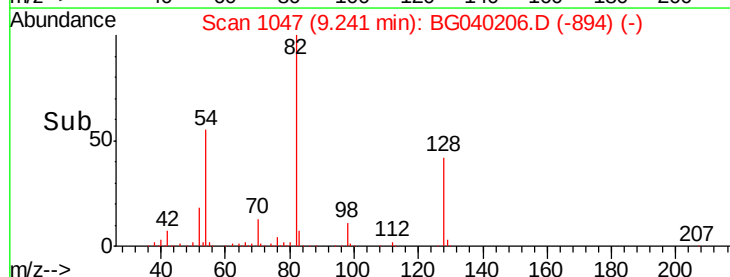
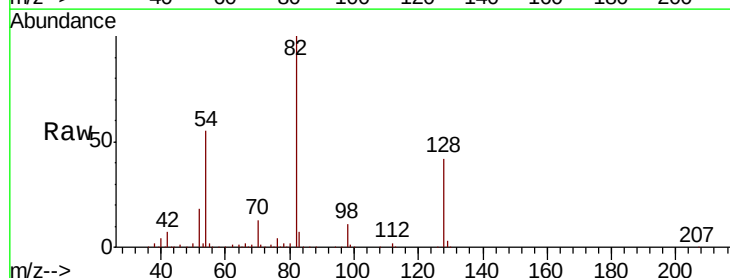
Ion Ratio Lower Upper

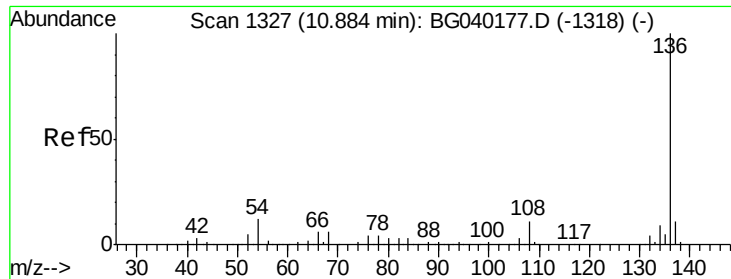
70 100

42 52.6 54.0 81.0#

101 0.0 8.6 13.0#

130 1.8 18.2 27.2#

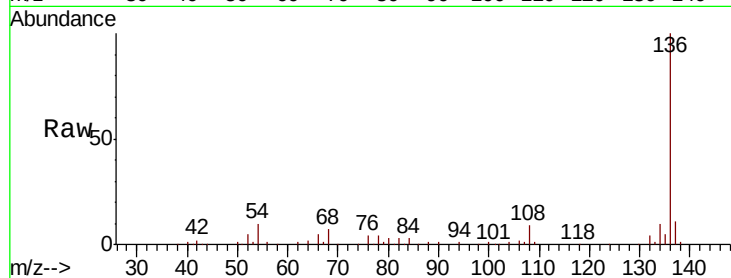




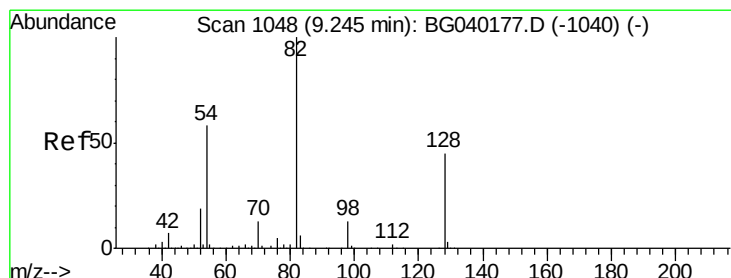
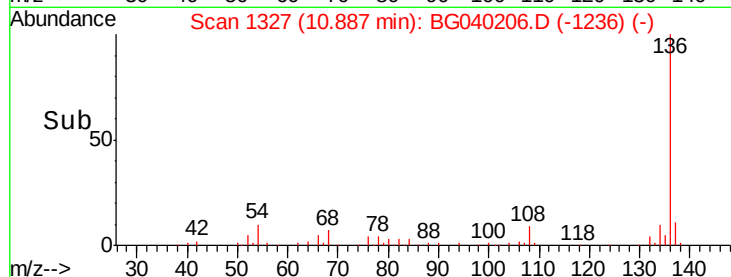
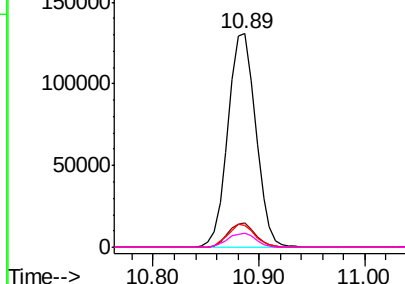
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040206.D
Acq: 28 Mar 2019 19:04

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:	136	Resp:	239015
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	9.6	14.4
68	6.6	5.1	7.7

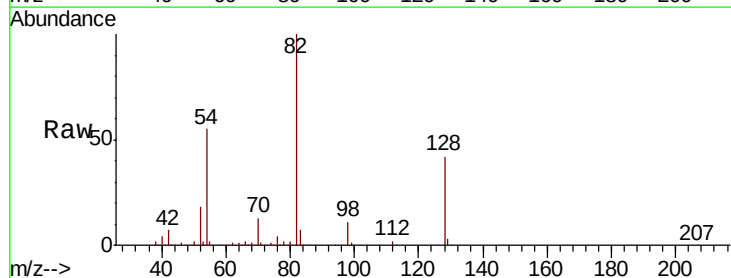


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

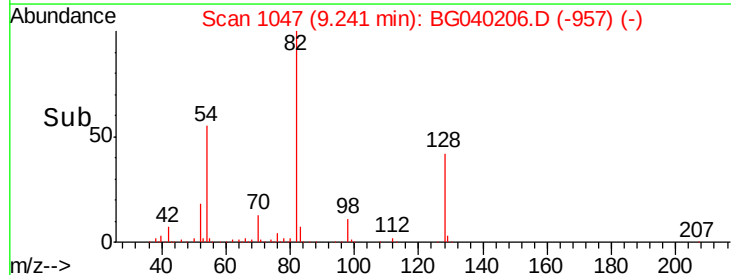
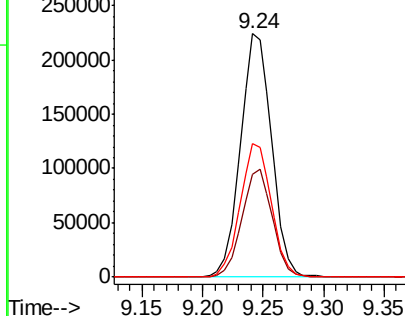


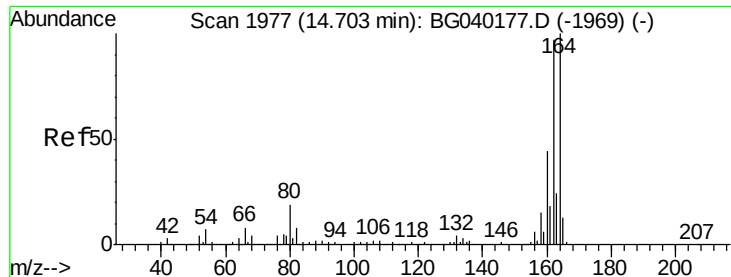
#23
Nitrobenzene-d5
Concen: 89.726 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040206.D
Acq: 28 Mar 2019 19:04

Tgt Ion:	82	Resp:	403469
Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.8	53.8
54	54.9	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000 Ion 128.00 (127.70 to 128.70): E
250000 Ion 54.00 (53.70 to 54.70): BGC
200000
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampled :

TP-2

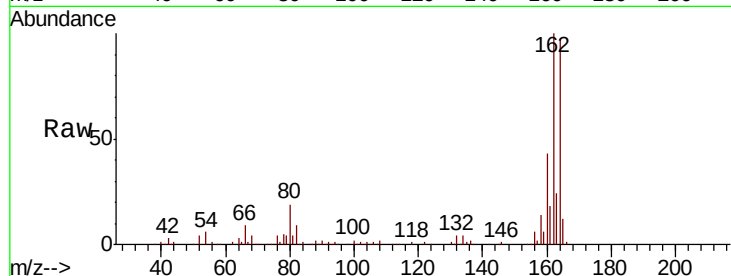
Tgt Ion:164 Resp: 147858

Ion Ratio Lower Upper

164 100

162 102.6 77.4 116.2

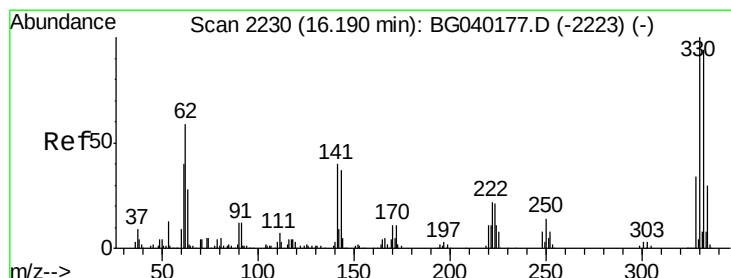
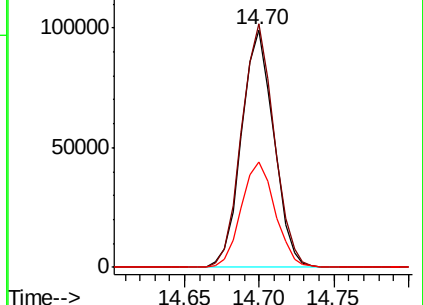
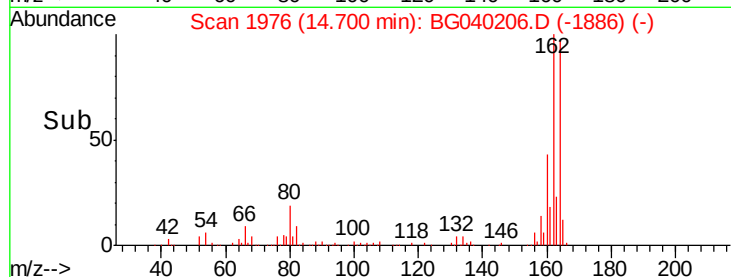
160 44.6 35.3 52.9



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: 152.601 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

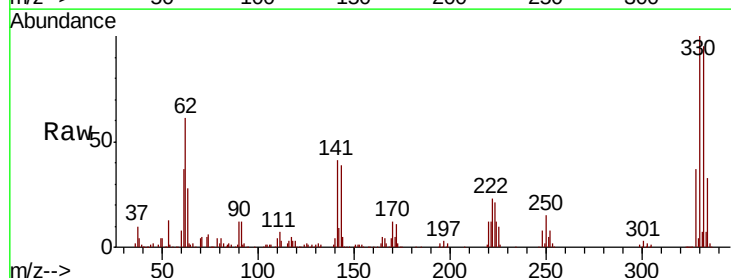
Tgt Ion:330 Resp: 243850

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

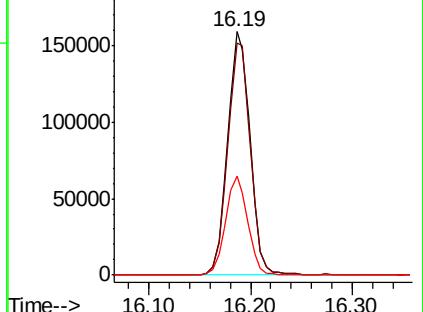
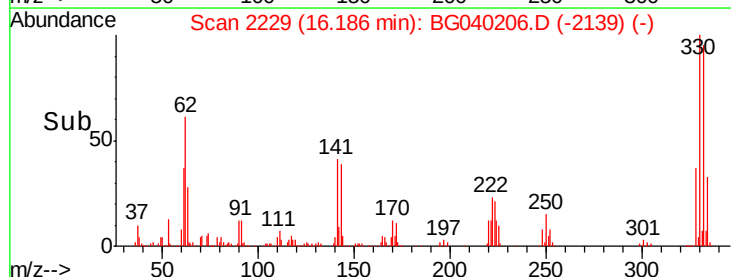
141 40.3 32.6 48.8

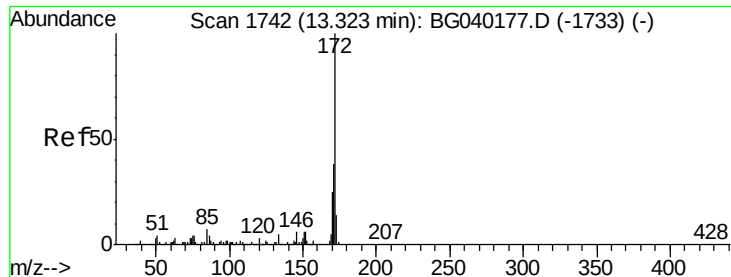


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 90.200 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampleId :

TP-2

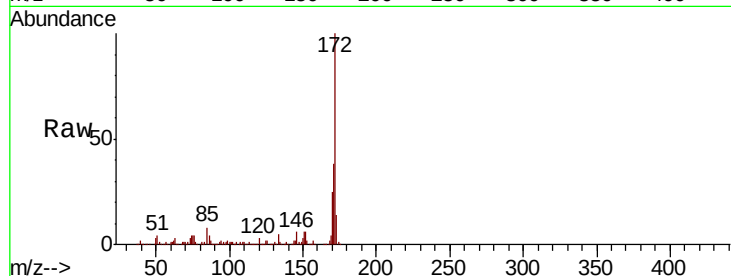
Tgt Ion:172 Resp: 900064

Ion Ratio Lower Upper

172 100

171 37.8 30.5 45.7

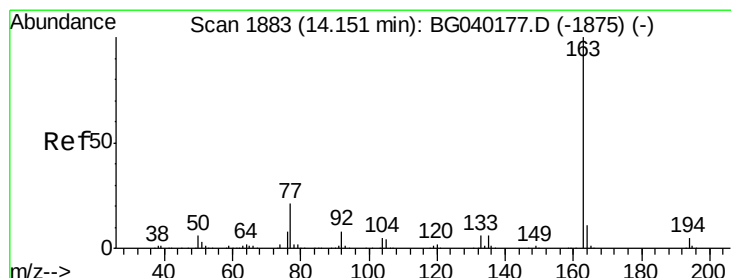
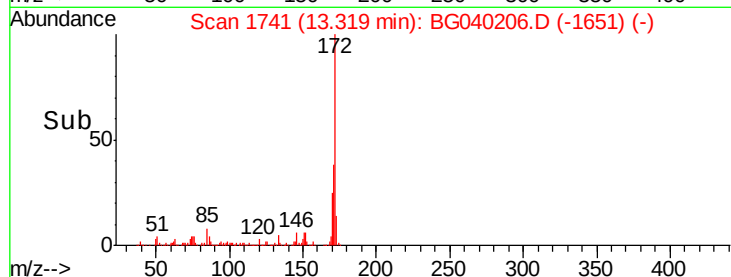
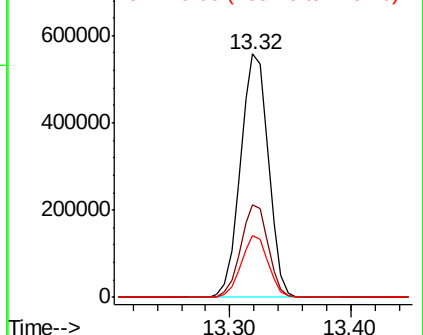
170 25.2 20.1 30.1



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: 6.026 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

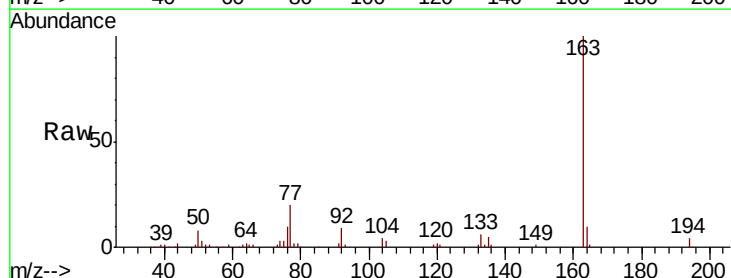
Tgt Ion:163 Resp: 69735

Ion Ratio Lower Upper

163 100

194 4.3 4.1 6.1

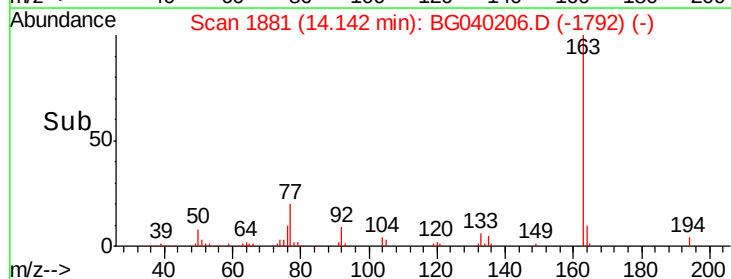
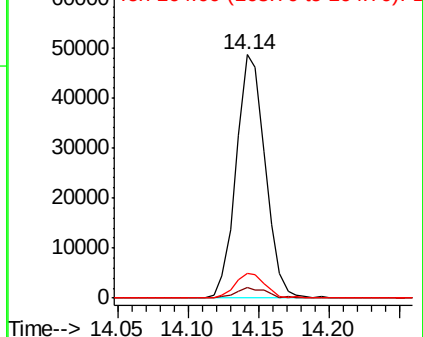
164 10.1 8.6 13.0

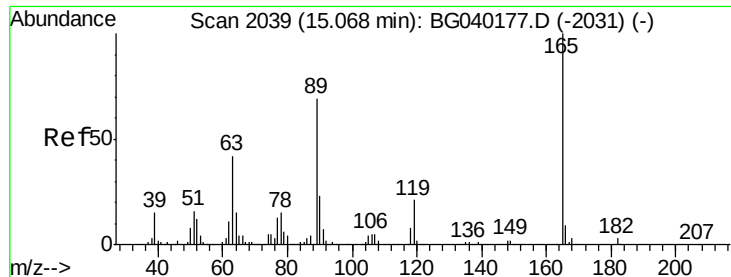


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

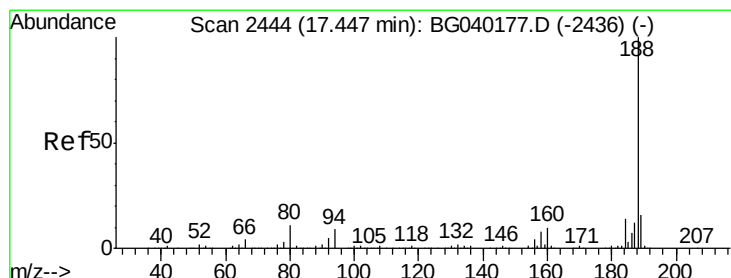
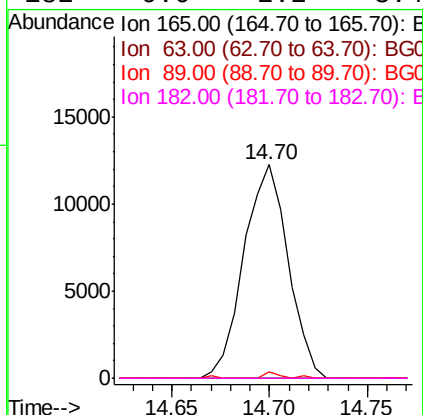
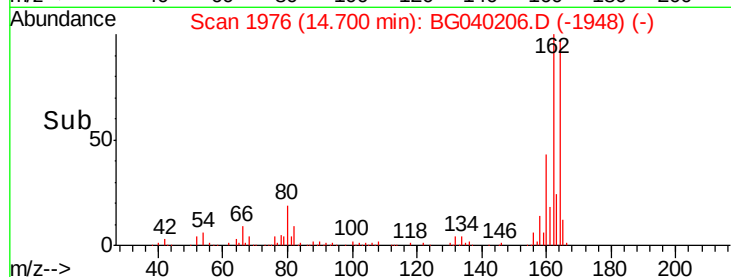
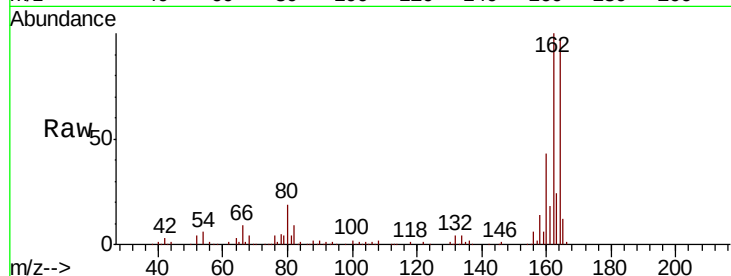




#57
 2,4-Dinitrotoluene
 Concen: 5.316 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

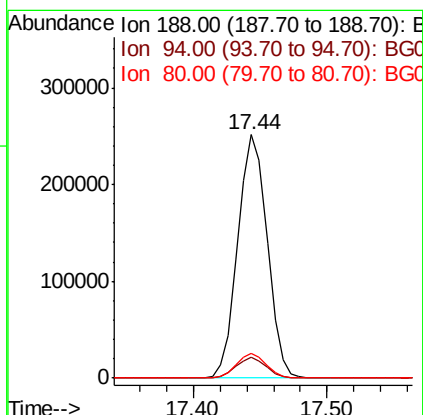
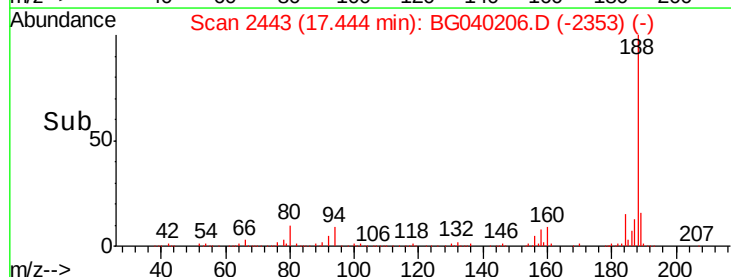
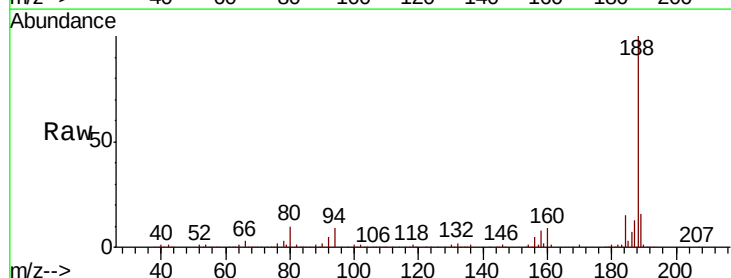
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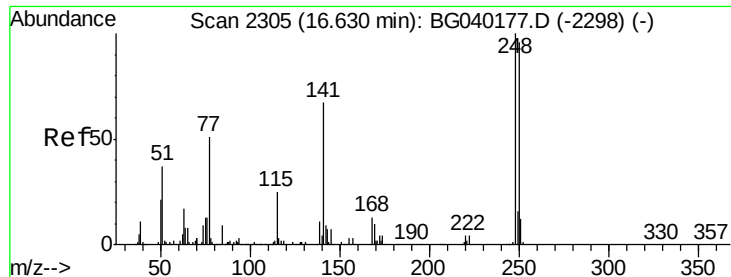
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.9	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	10.0	8.6	13.0

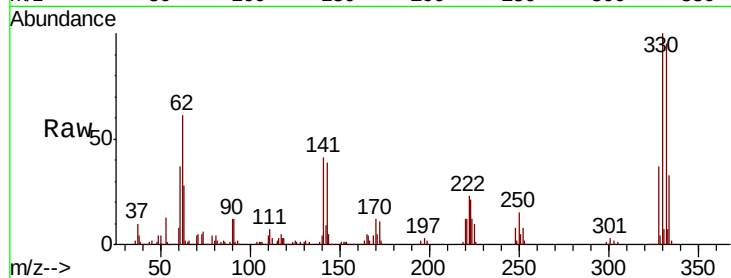




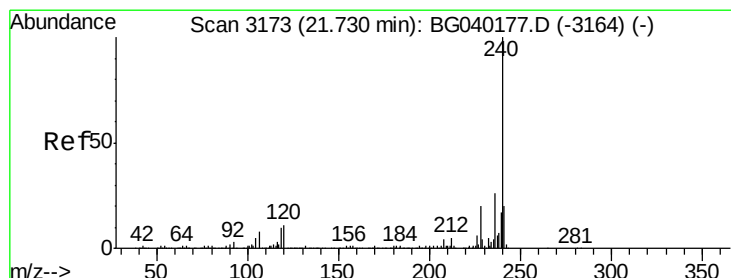
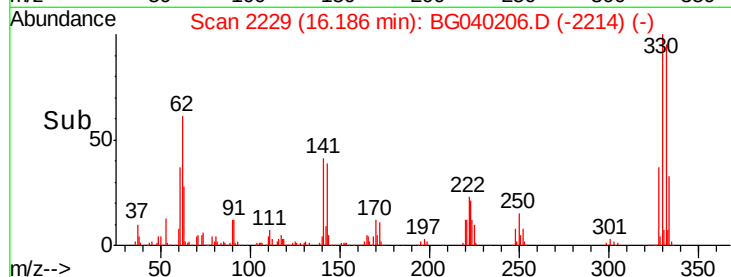
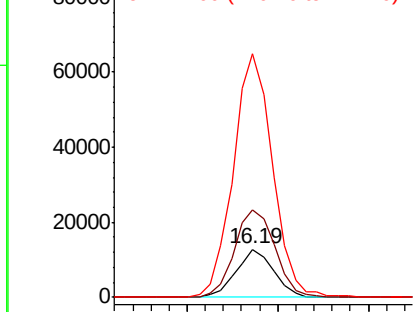
#67
 4-Bromophenyl-phenylether
 Concen: 4.296 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:248 Resp: 18549
 Ion Ratio Lower Upper
 248 100
 250 183.0 76.4 114.6#
 141 506.0 53.8 80.8#

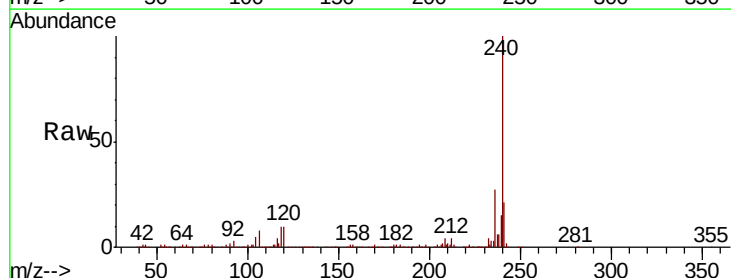


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

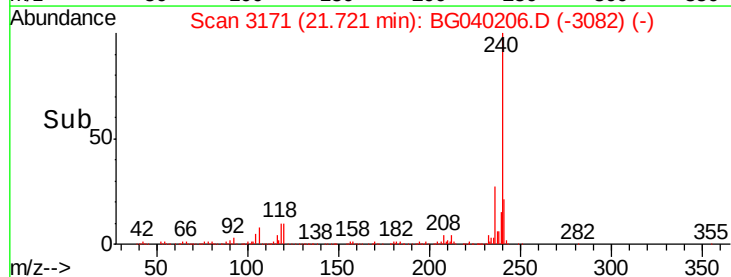
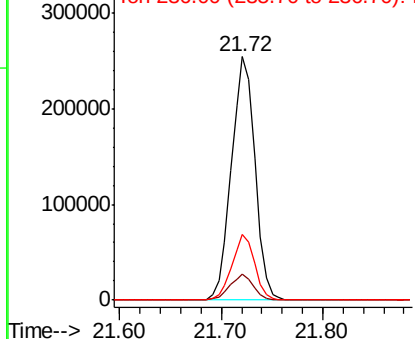


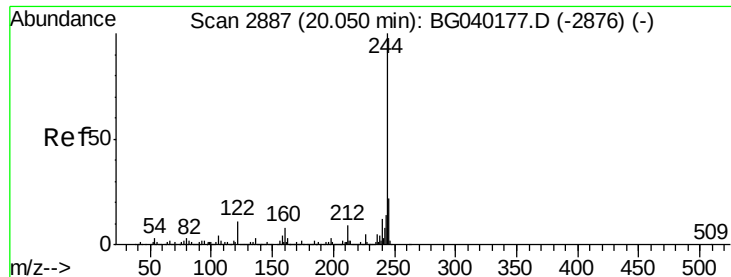
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

Tgt Ion:240 Resp: 410473
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.9 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: 84.646 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampled :

TP-2

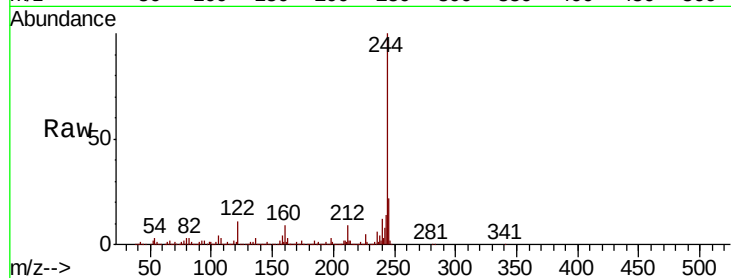
Tgt Ion:244 Resp: 1544451

Ion Ratio Lower Upper

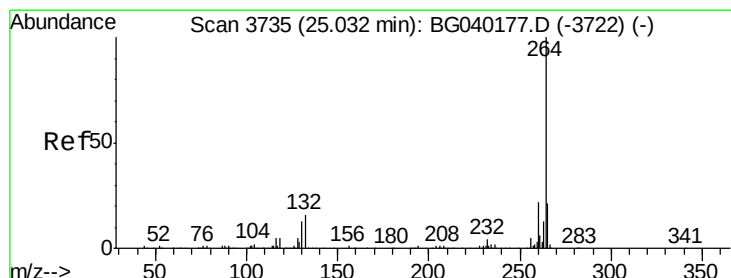
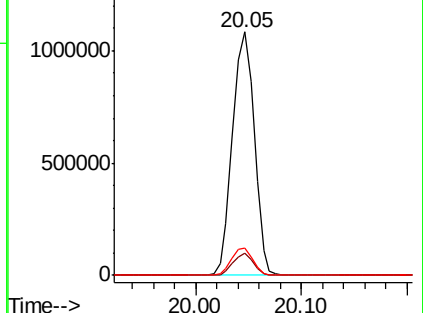
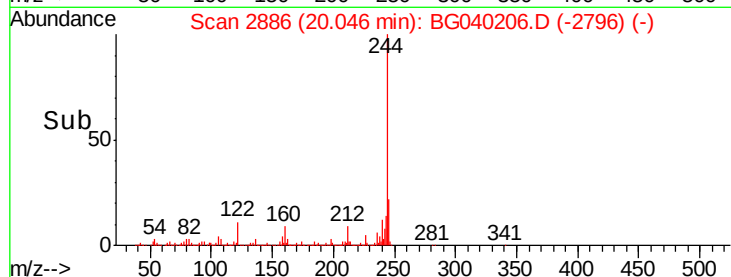
244 100

212 9.0 7.0 10.6

122 11.4 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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

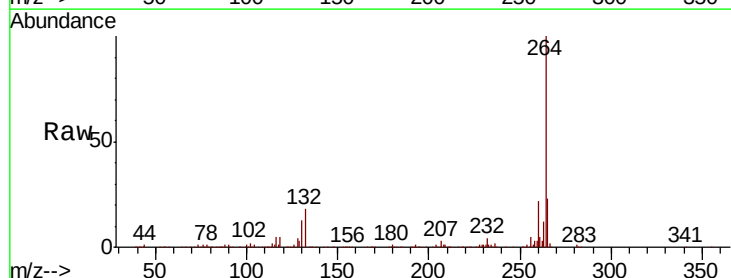
Tgt Ion:264 Resp: 418309

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

265 22.9 16.8 25.2



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

