

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041275.D
 Acq On : 17 Jun 2019 16:31
 Operator : HP/JU
 Sample : K3156-04
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 17:37:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

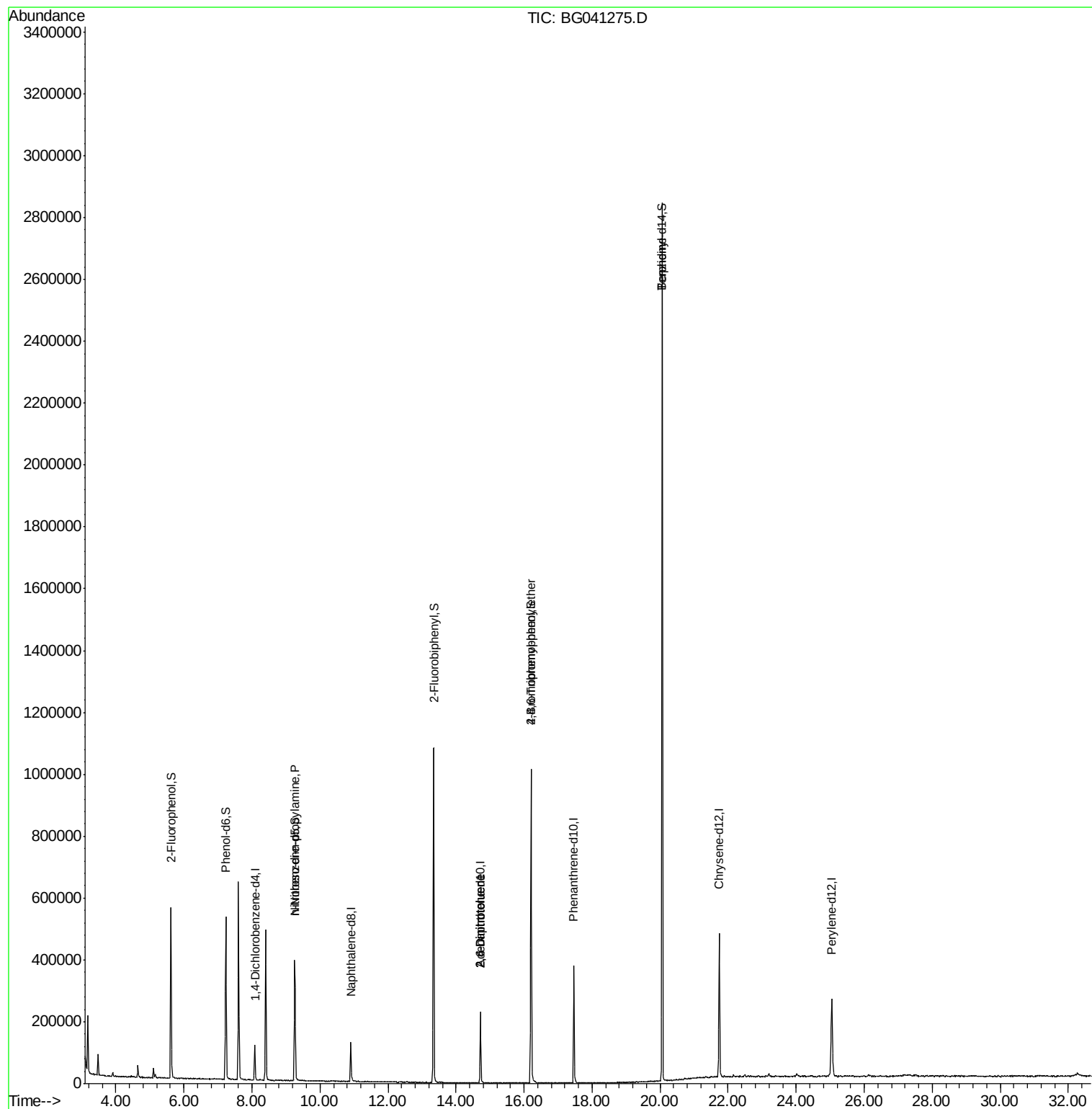
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31494	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	111533	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	82554	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	245735	20.00	ng	0.00
76) Chrysene-d12	21.74	240	289751	20.00	ng	0.00
87) Perylene-d12	25.05	264	298078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	214988	125.43	ng	0.00
7) Phenol-d6	7.23	99	265328	106.79	ng	0.00
23) Nitrobenzene-d5	9.26	82	249512	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	194580	153.53	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	576282	94.88	ng	0.00
79) Terphenyl-d14	20.06	244	1341253	91.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	35437	17.635	ng	# 78
51) 2,6-Dinitrotoluene	14.72	165	10609	6.850	ng	# 16
57) 2,4-Dinitrotoluene	14.72	165	10609	4.686	ng	# 20
67) 4-Bromophenyl-phenylether	16.20	248	13729	4.321	ng	# 1
77) Benzidine	20.06	184	22915	3.270	ng	# 93

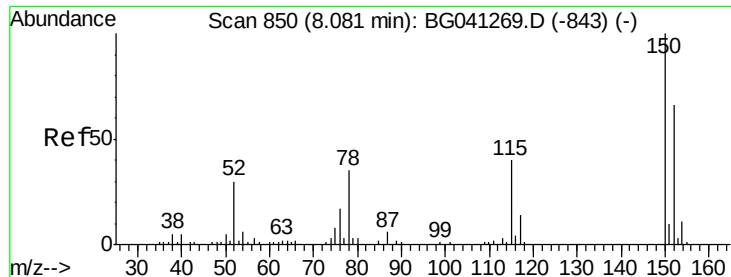
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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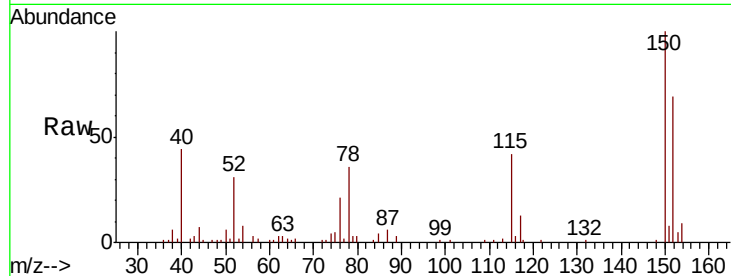


#1

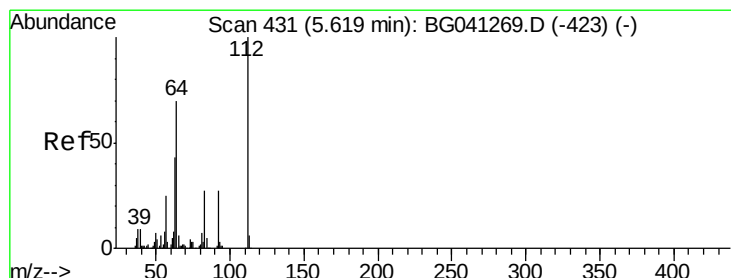
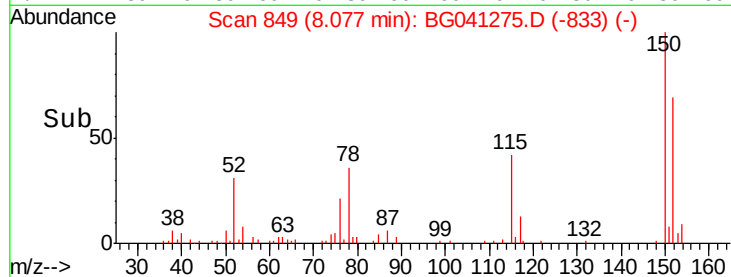
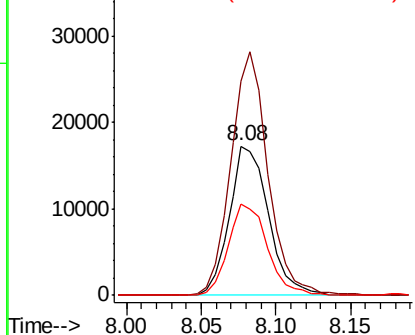
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041275.D
Acq: 17 Jun 2019 16:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31494
Ion Ratio Lower Upper
152 100
150 143.9 120.6 181.0
115 60.9 47.9 71.9



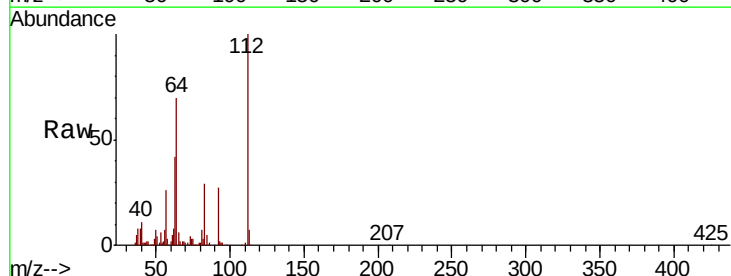
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



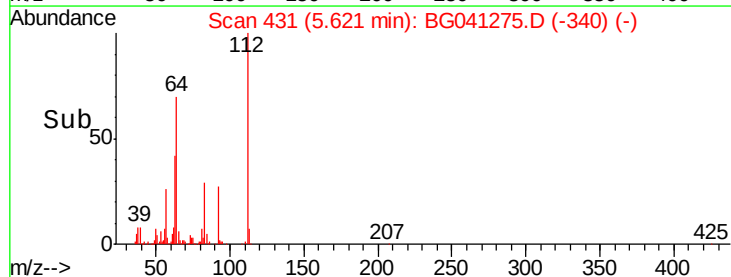
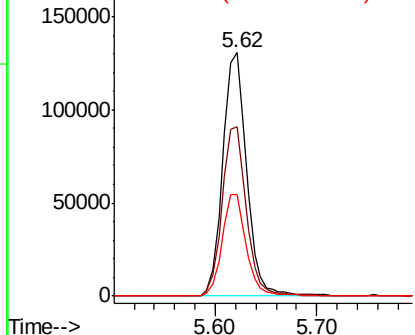
#5

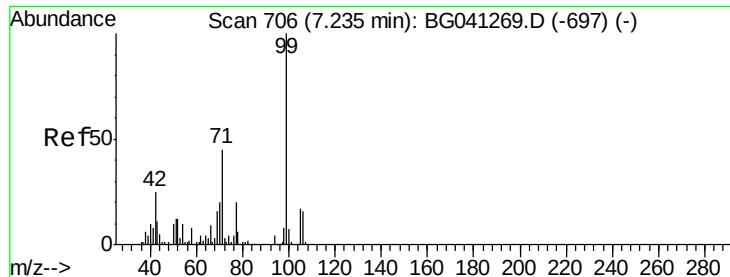
2-Fluorophenol
Concen: 125.428 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041275.D
Acq: 17 Jun 2019 16:31

Tgt Ion:112 Resp: 214988
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 41.9 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 106.793 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampleId :

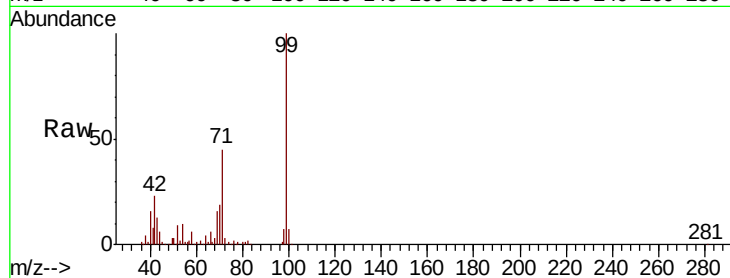
Tot Ion: 99 Resp: 265328

Ion Ratio Lower Upper

99 100

42 23.0 19.9 29.9

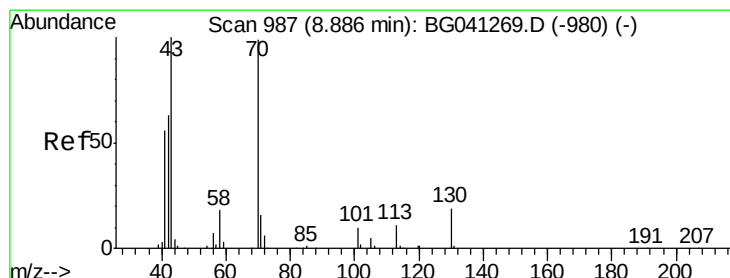
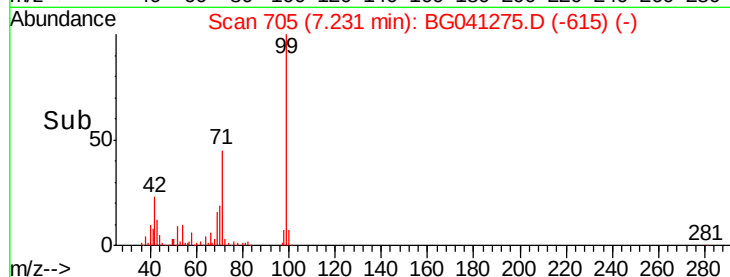
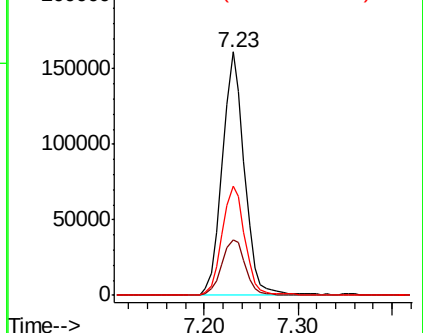
71 44.8 36.4 54.6



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: 17.635 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Tgt Ion: 70 Resp: 35437

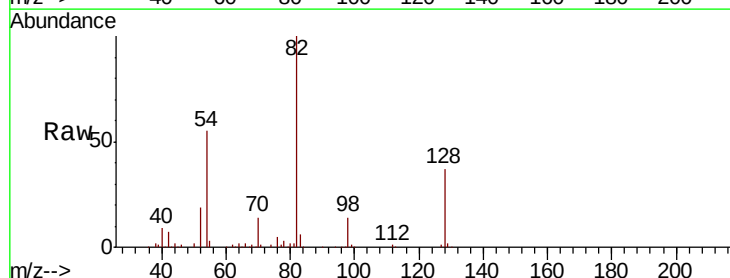
Ion Ratio Lower Upper

70 100

42 51.3 51.4 77.2#

101 0.0 8.2 12.2#

130 2.7 15.2 22.8#

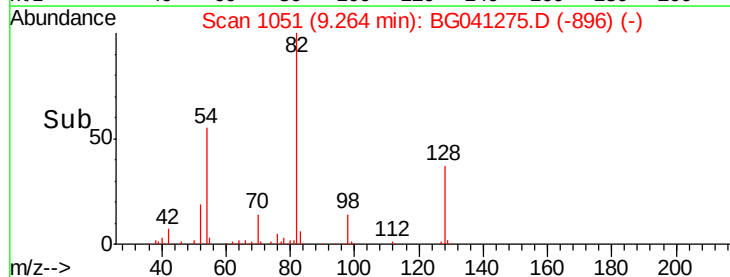
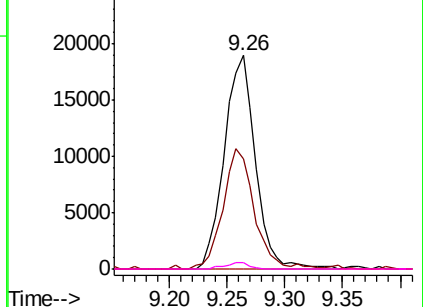


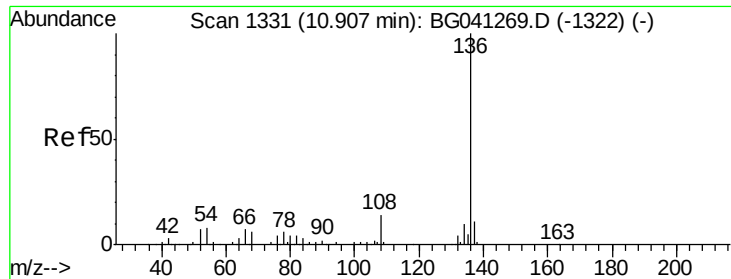
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 111533

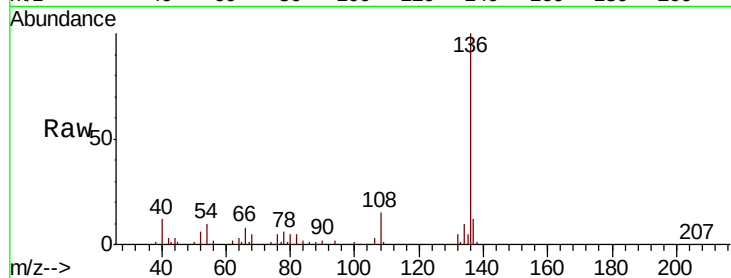
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 10.8 6.4 9.6#

68 4.7 4.8 7.2#

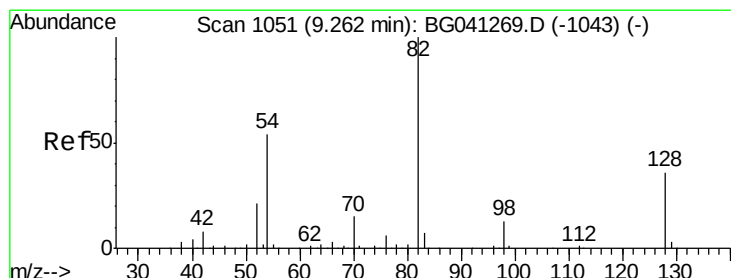
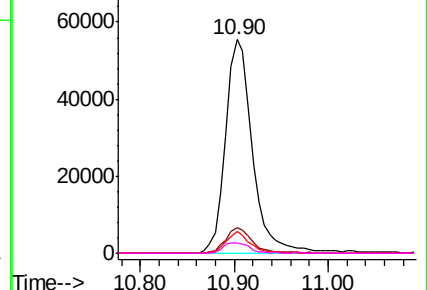
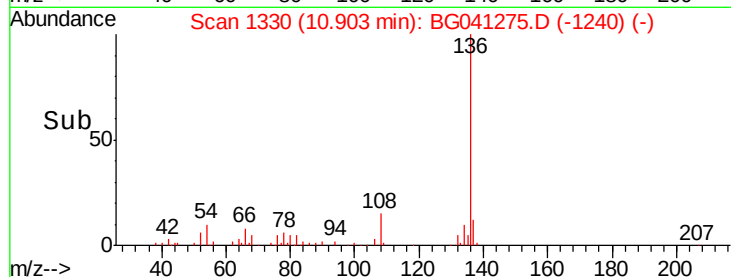


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.085 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

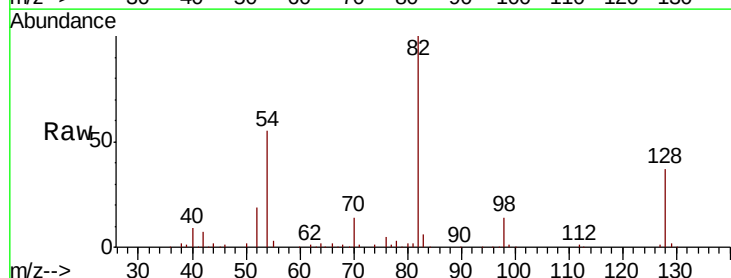
Tgt Ion: 82 Resp: 249512

Ion Ratio Lower Upper

82 100

128 36.6 29.2 43.8

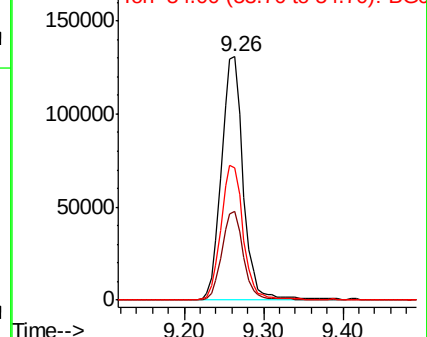
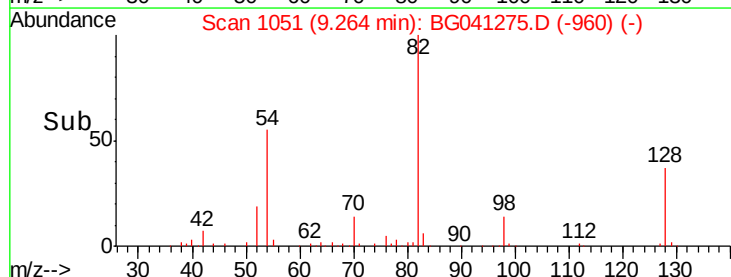
54 54.5 43.4 65.0

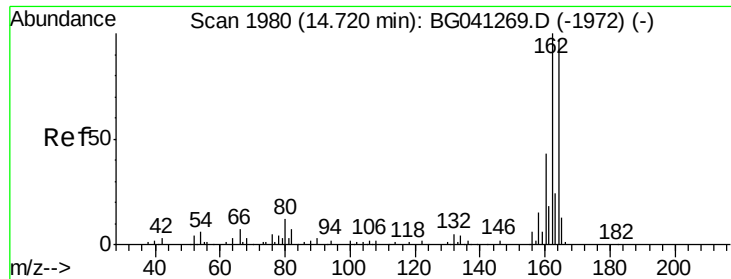


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampleId :

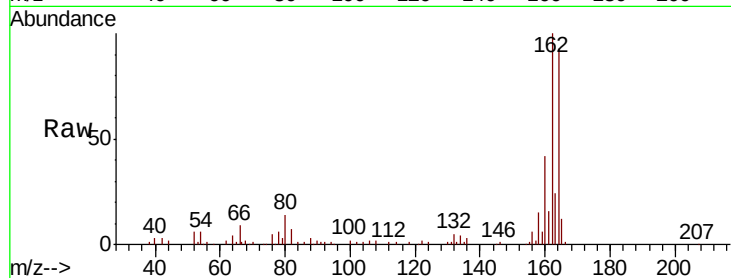
Tot Ion:164 Resp: 82554

Ion Ratio Lower Upper

164 100

162 107.8 82.8 124.2

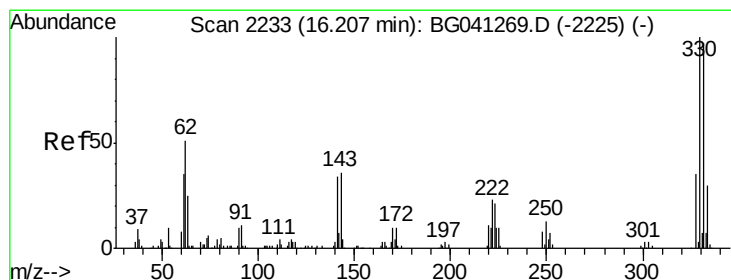
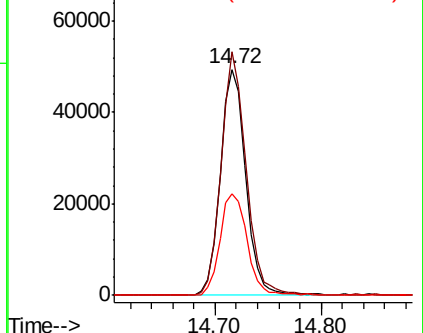
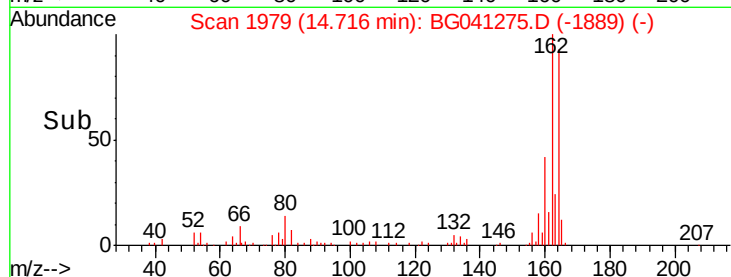
160 44.7 35.8 53.8



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: 153.529 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

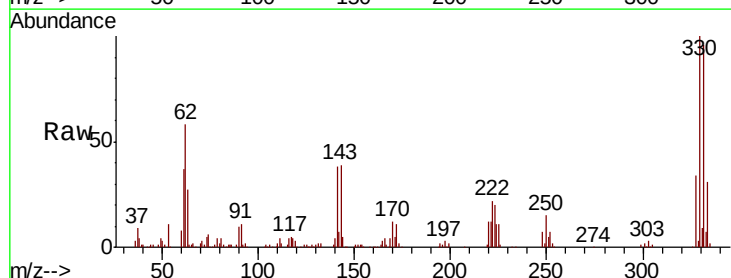
Tgt Ion:330 Resp: 194580

Ion Ratio Lower Upper

330 100

332 96.9 75.5 113.3

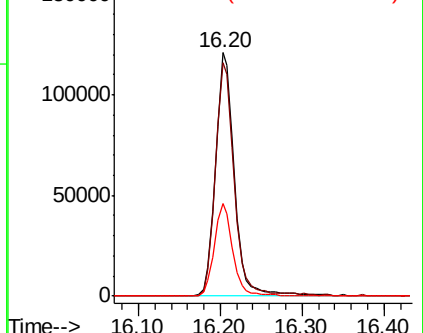
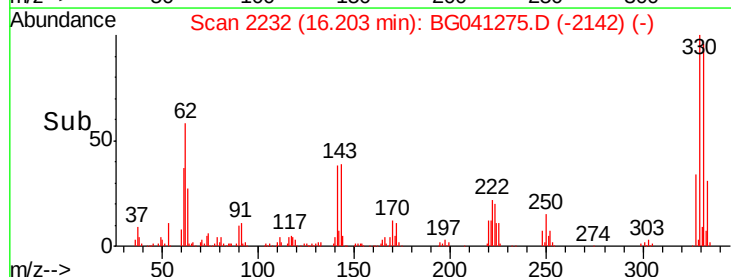
141 37.3 29.0 43.4

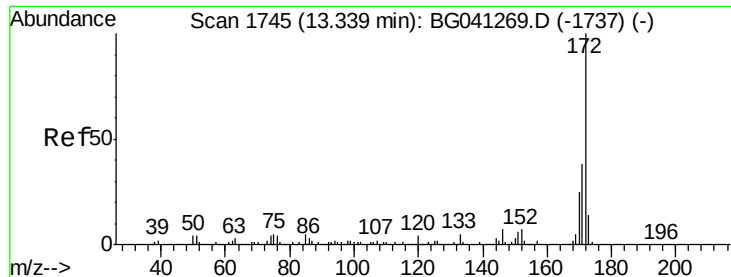


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

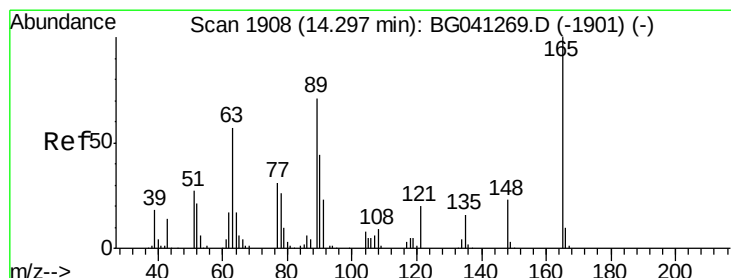
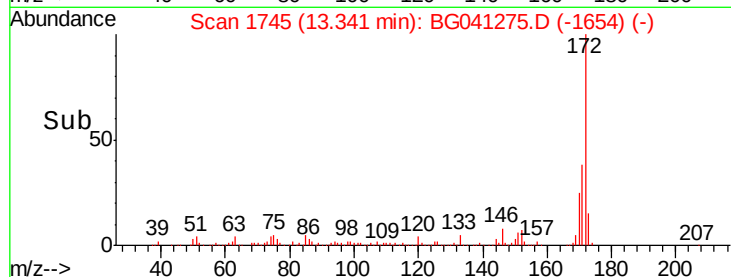
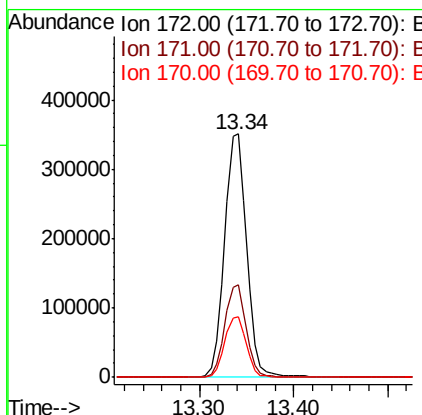
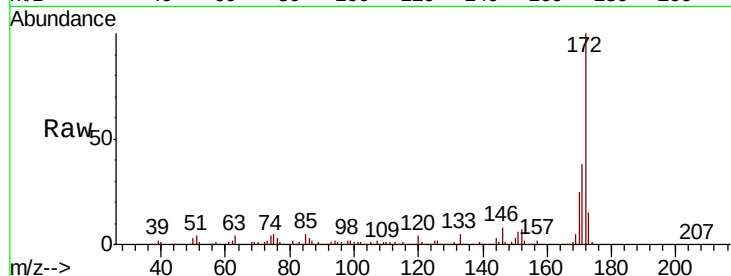




#45
2-Fluorobiphenyl
Concen: 94.878 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041275.D
Acq: 17 Jun 2019 16:31

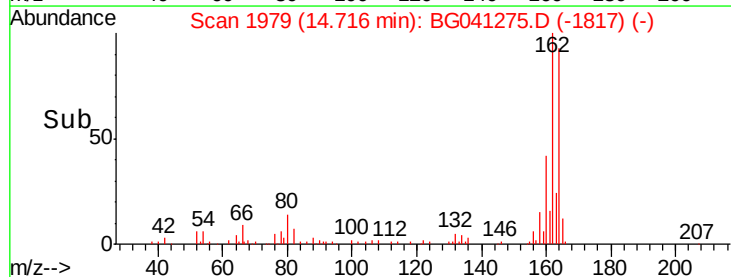
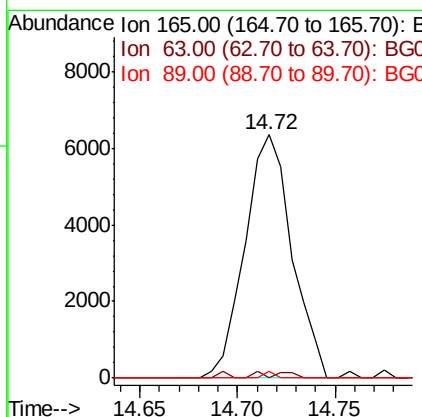
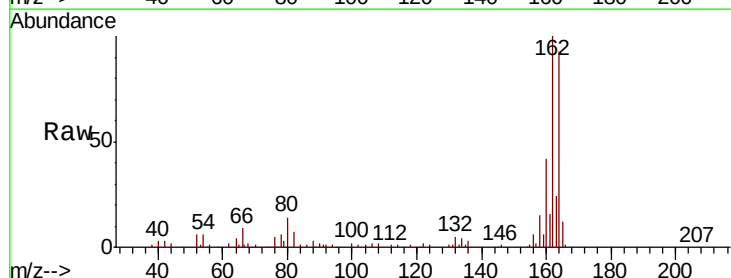
Instrument :
BNA_G
ClientSampleId :

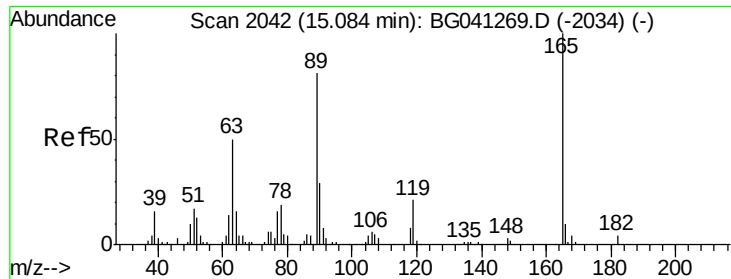
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.8	19.8	29.6



#51
2,6-Dinitrotoluene
Concen: 6.850 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.42 min
Lab File: BG041275.D
Acq: 17 Jun 2019 16:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	2.7	56.5	84.7#

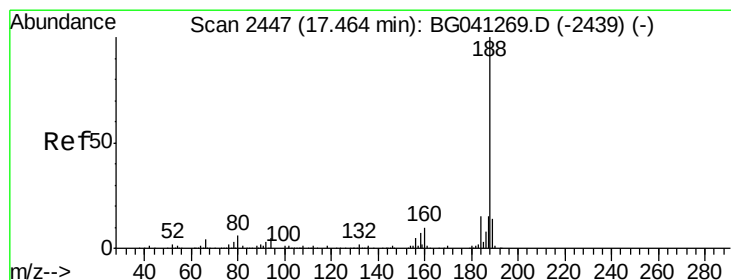
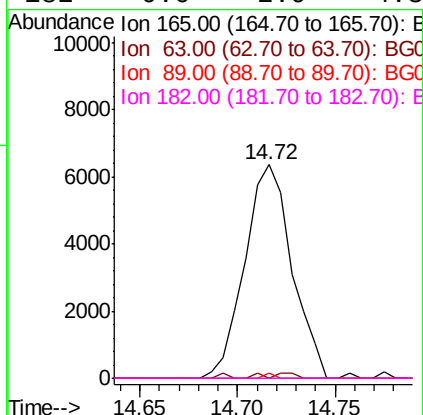
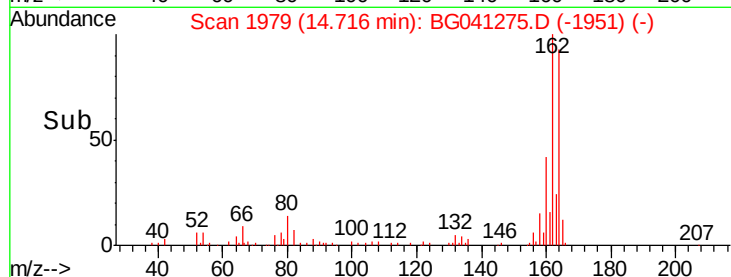
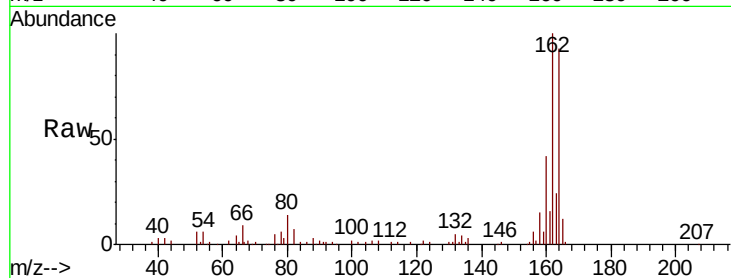




#57
 2,4-Dinitrotoluene
 Concen: 4.686 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041275.D
 Acq: 17 Jun 2019 16:31

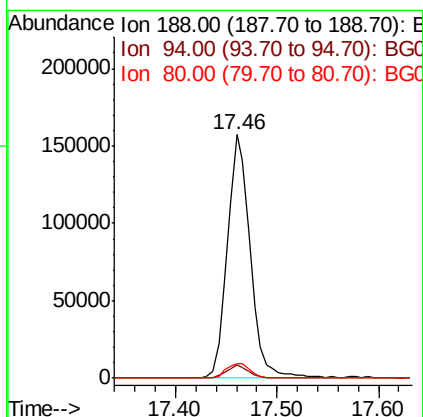
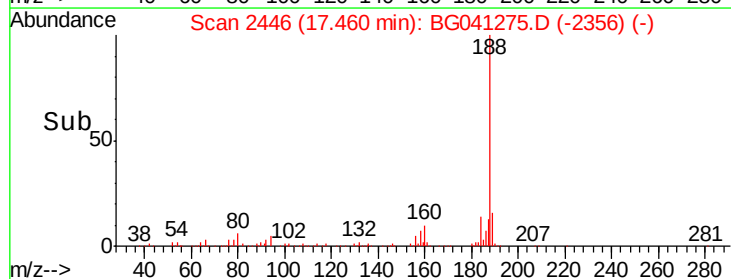
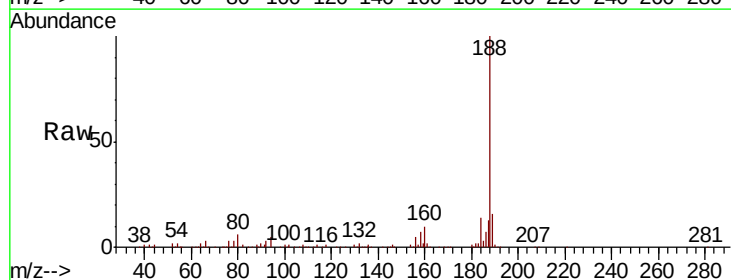
Instrument :
 BNA_G
 ClientSampled :

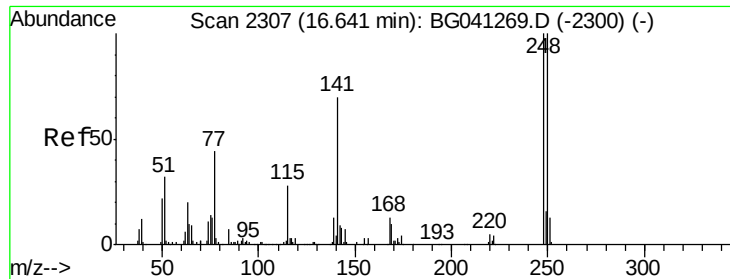
Tot Ion:	165	Resp:	10609
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.7	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG041275.D
 Acq: 17 Jun 2019 16:31

Tgt Ion:	188	Resp:	245735
Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	5.8	4.8	7.2

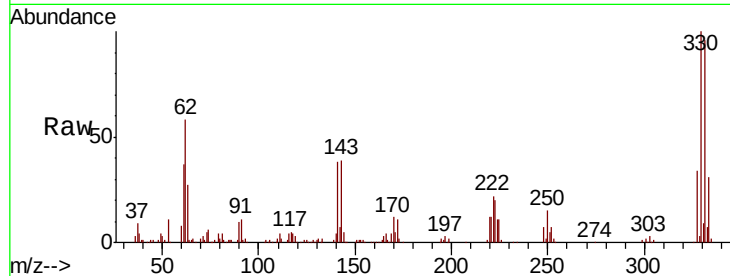




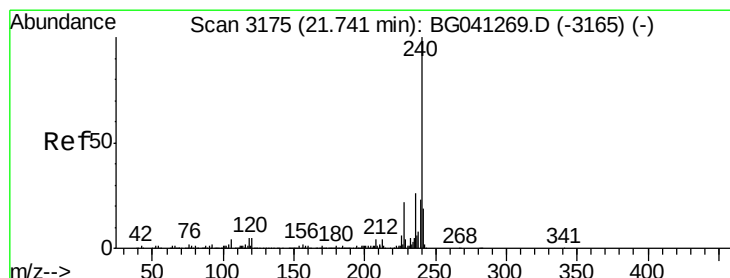
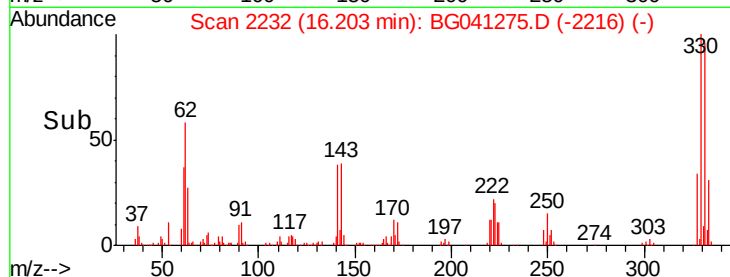
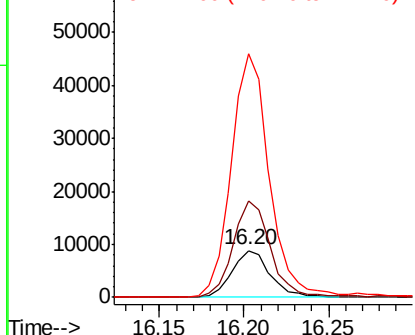
#67
 4-Bromophenyl-phenylether
 Concen: 4.321 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.44 min
 Lab File: BG041275.D
 Acq: 17 Jun 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13729
 Ion Ratio Lower Upper
 248 100
 250 205.9 79.8 119.8#
 141 522.9 55.8 83.6#

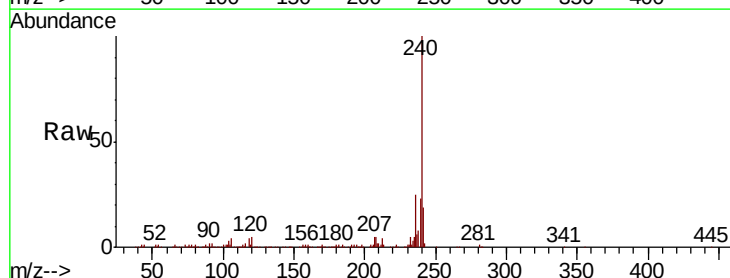


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

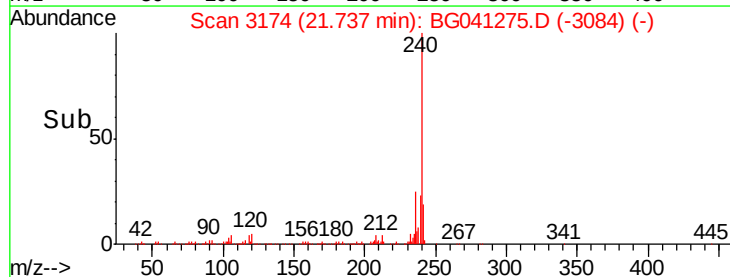
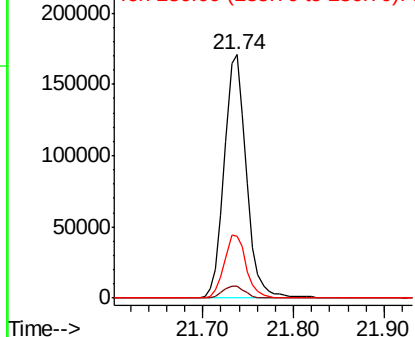


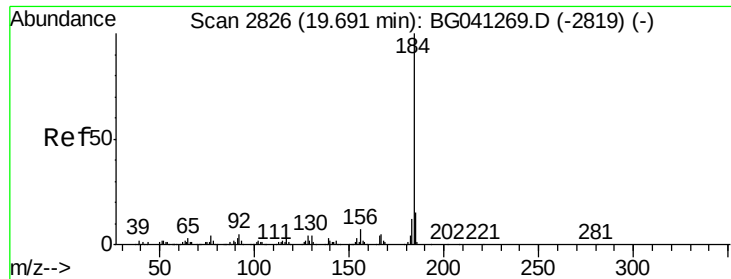
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG041275.D
 Acq: 17 Jun 2019 16:31

Tgt Ion:240 Resp: 289751
 Ion Ratio Lower Upper
 240 100
 120 4.8 3.7 5.5
 236 25.2 21.1 31.7



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





#77

Benzidine

Concen: 3.270 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampled :

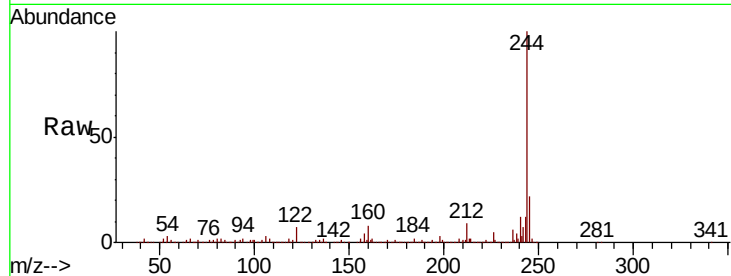
Tot Ion:184 Resp: 22915

Ion Ratio Lower Upper

184 100

185 17.9 12.2 18.2

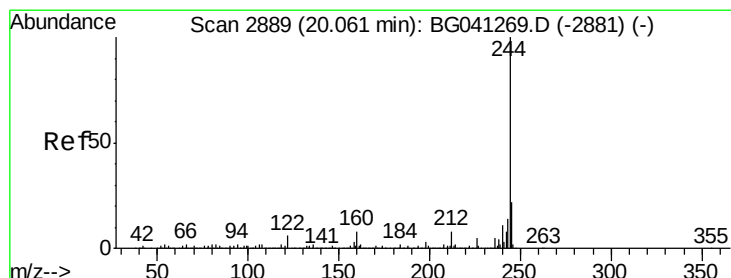
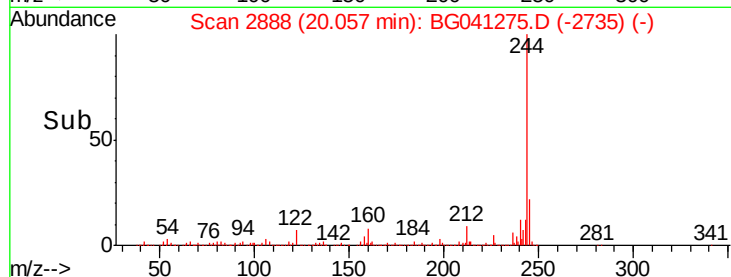
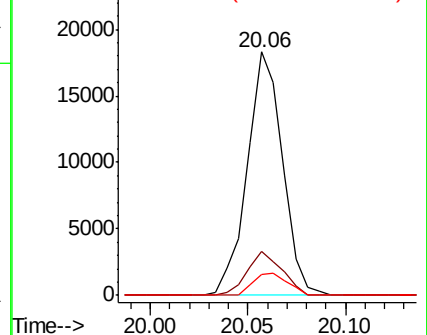
183 8.6 9.6 14.4#



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



#79

Terphenyl-d14

Concen: 91.737 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

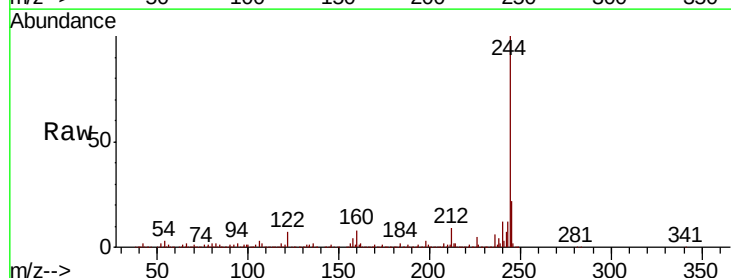
Tgt Ion:244 Resp: 1341253

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

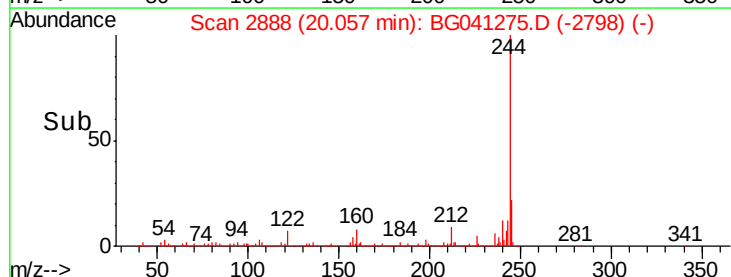
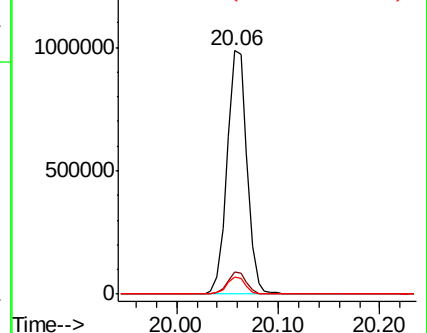
122 7.1 5.0 7.4

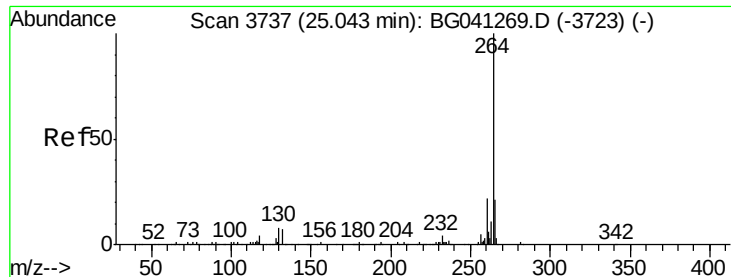


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041275.D
Acq: 17 Jun 2019 16:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	20.5	17.2	25.8

