

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041374.D
 Acq On : 21 Jun 2019 12:09
 Operator : HP/JU
 Sample : PB120785TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120785TB

Quant Time: Jun 21 15:09:03 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

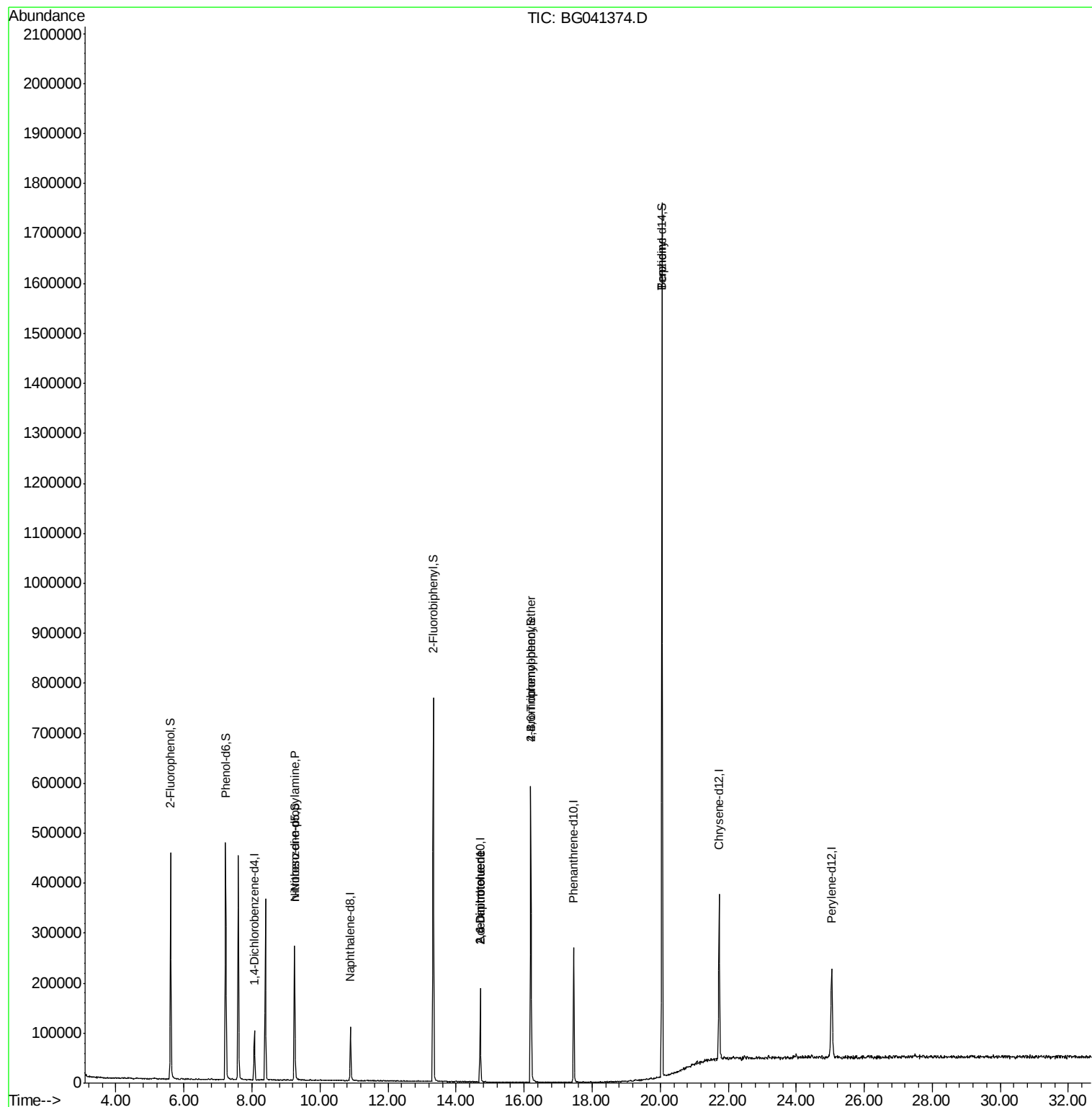
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28431	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	98898	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	69560	20.00	ng	-0.01
64) Phenanthrene-d10	17.45	188	183744	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	207799	20.00	ng	-0.01
87) Perylene-d12	25.04	264	219505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	177658	114.82	ng	-0.01
7) Phenol-d6	7.22	99	252178	112.43	ng	-0.01
23) Nitrobenzene-d5	9.25	82	173606	73.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	119912	112.29	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	404326	79.00	ng	-0.01
79) Terphenyl-d14	20.05	244	854663	81.51	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	25332	13.965	ng	# 76
51) 2,6-Dinitrotoluene	14.70	165	8855	6.785	ng	# 15
57) 2,4-Dinitrotoluene	14.70	165	8855	4.642	ng	# 18
67) 4-Bromophenyl-phenylether	16.20	248	8937	3.762	ng	# 1
77) Benzidine	20.06	184	14673	2.919	ng	# 97

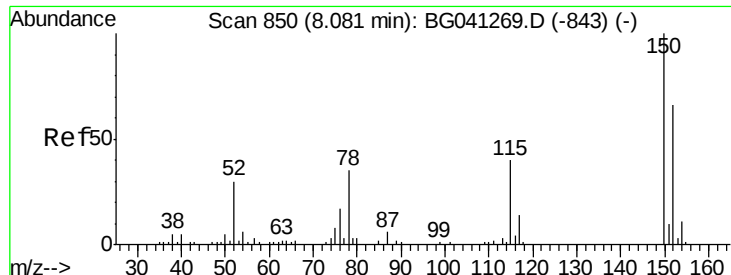
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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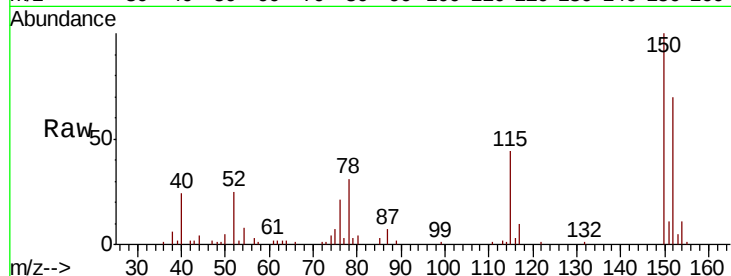


#1

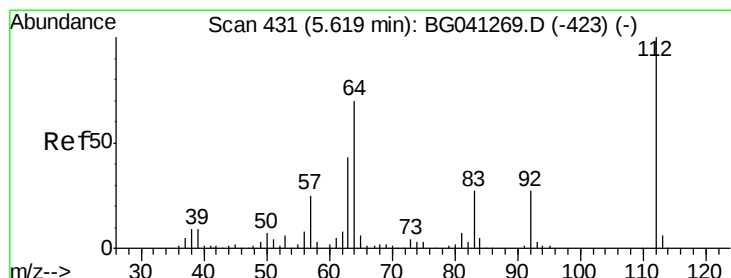
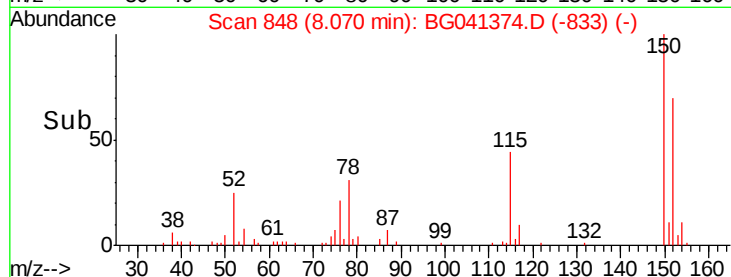
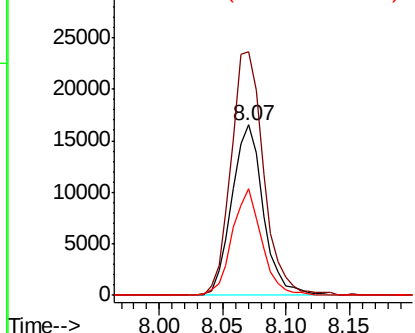
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB120785TB

Tot Ion:152 Resp: 28431
Ion Ratio Lower Upper
152 100
150 142.7 120.6 181.0
115 62.5 47.9 71.9



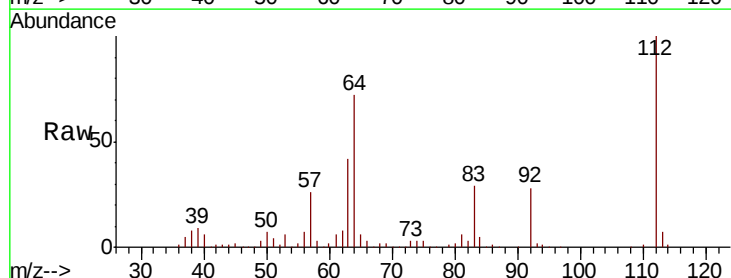
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



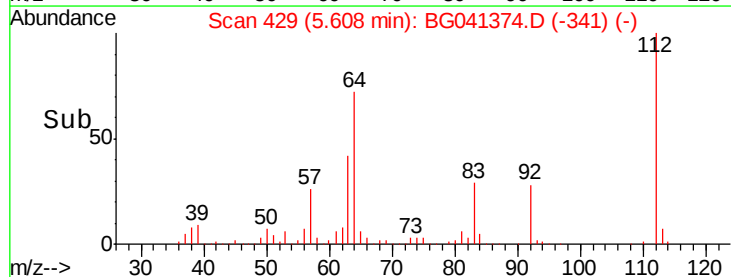
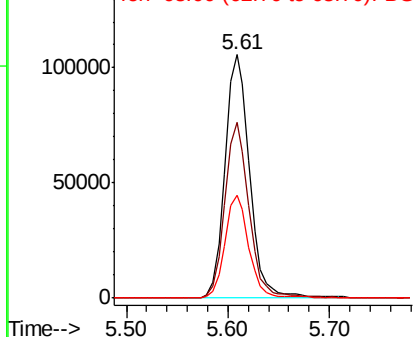
#5

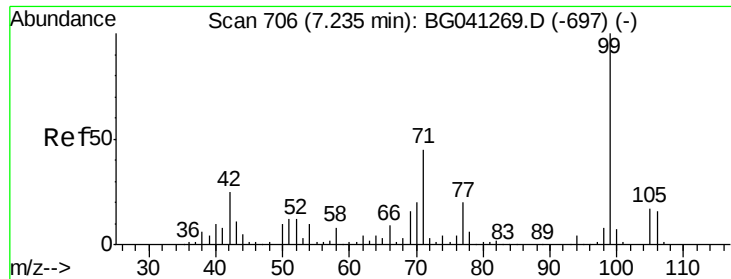
2-Fluorophenol
Concen: 114.815 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Tgt Ion:112 Resp: 177658
Ion Ratio Lower Upper
112 100
64 72.1 55.9 83.9
63 42.2 34.6 51.8



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





#7

Phenol-d6

Concen: 112.435 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB120785TB

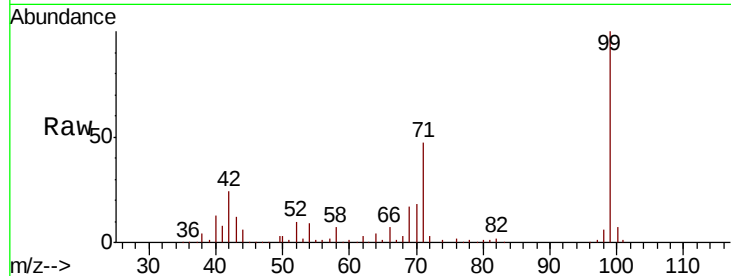
Tot Ion: 99 Resp: 252178

Ion Ratio Lower Upper

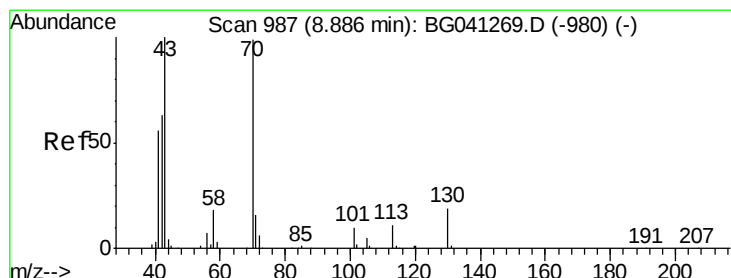
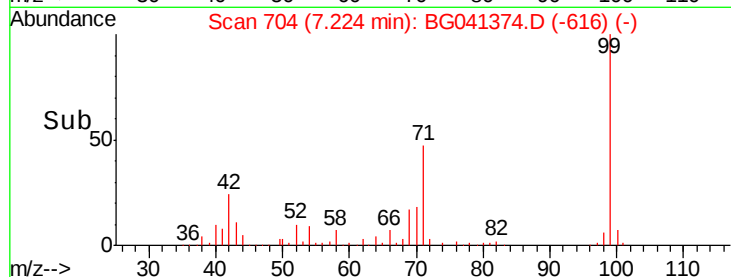
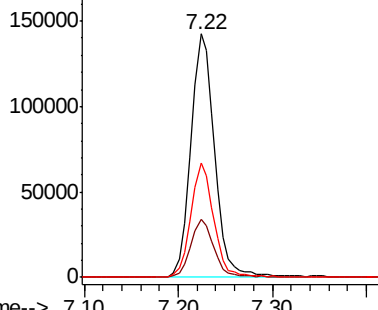
99 100

42 23.9 19.9 29.9

71 47.1 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: 13.965 ng

RT: 9.25 min Scan# 1049

Delta R.T. 0.37 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Tgt Ion: 70 Resp: 25332

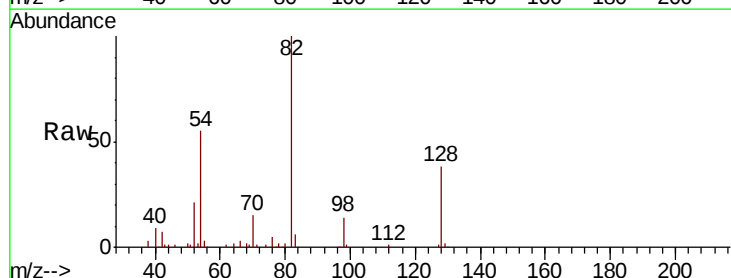
Ion Ratio Lower Upper

70 100

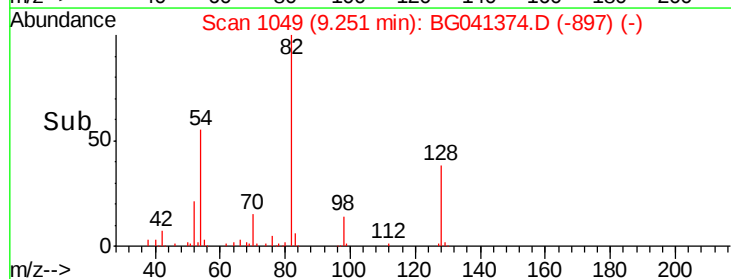
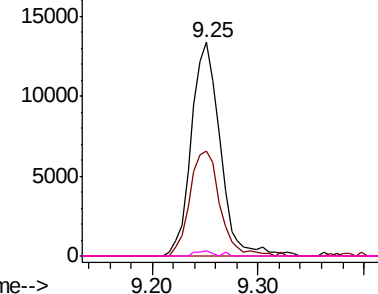
42 49.0 51.4 77.2#

101 0.0 8.2 12.2#

130 2.1 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# 1329

Delta R.T. -0.01 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB120785TB

Tot Ion:136 Resp: 98898

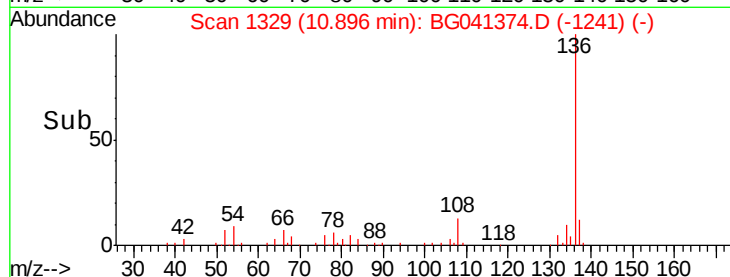
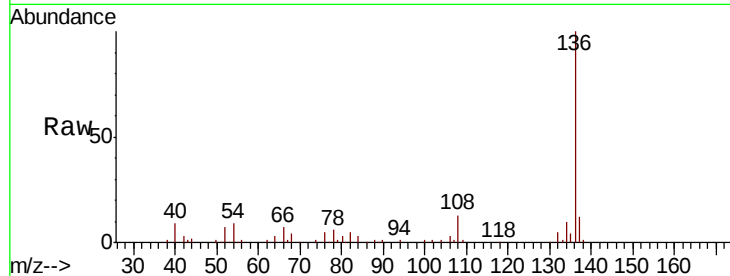
Ion Ratio Lower Upper

136 100

137 12.2 8.8 13.2

54 9.3 6.4 9.6

68 4.3 4.8 7.2#

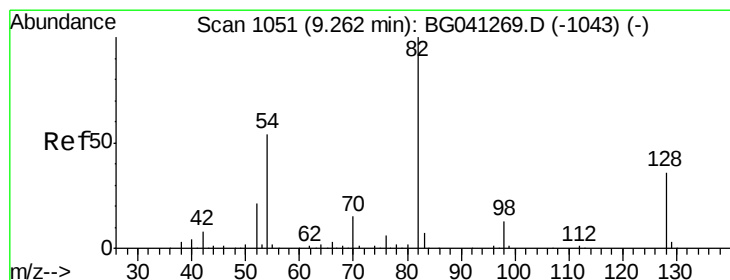
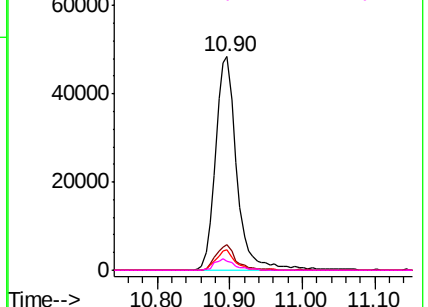


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.826 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

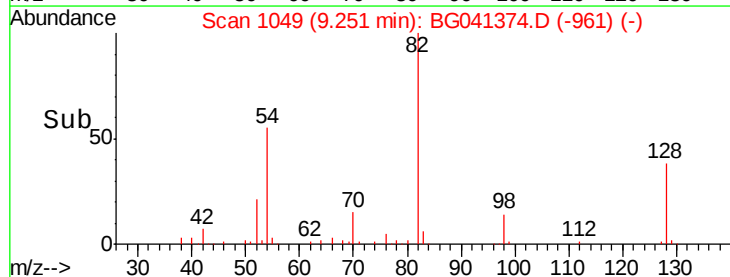
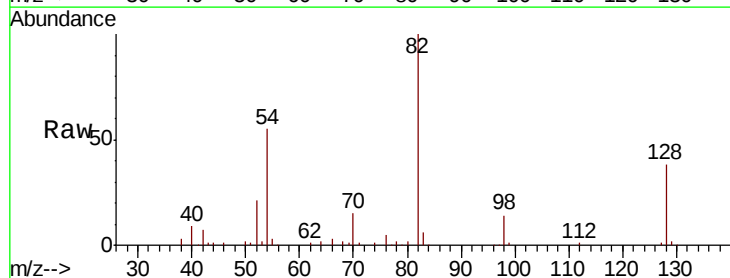
Tgt Ion: 82 Resp: 173606

Ion Ratio Lower Upper

82 100

128 37.8 29.2 43.8

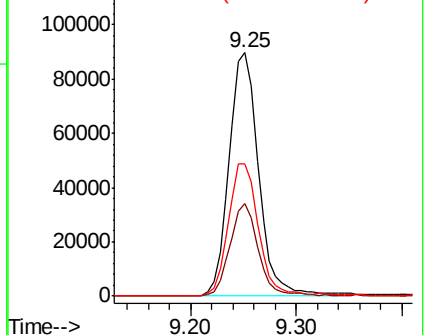
54 54.5 43.4 65.0

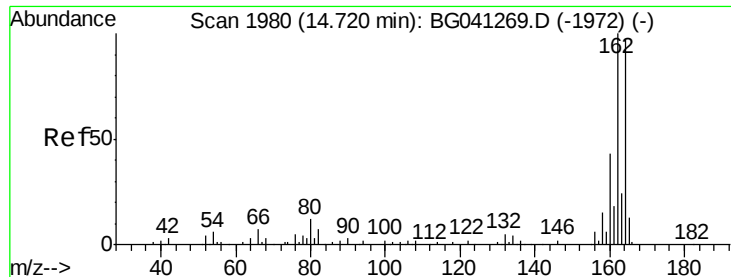


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

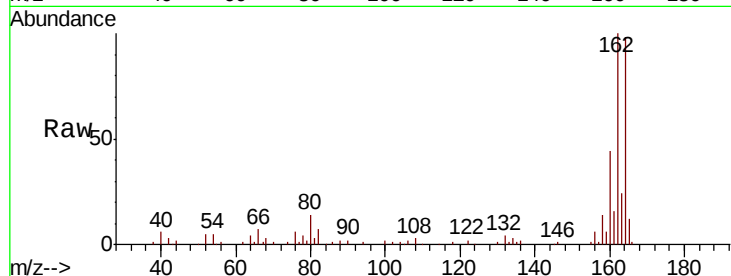




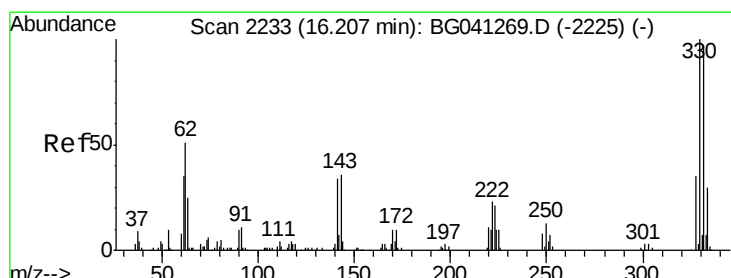
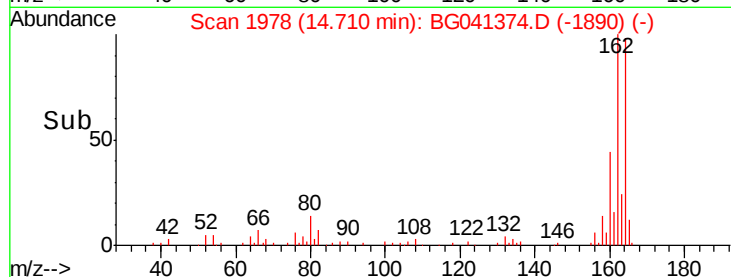
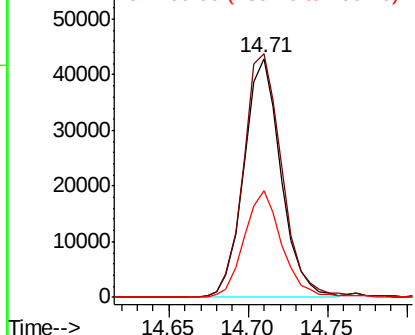
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB120785TB

Tot Ion:164 Resp: 69560
Ion Ratio Lower Upper
164 100
162 101.8 82.8 124.2
160 44.4 35.8 53.8

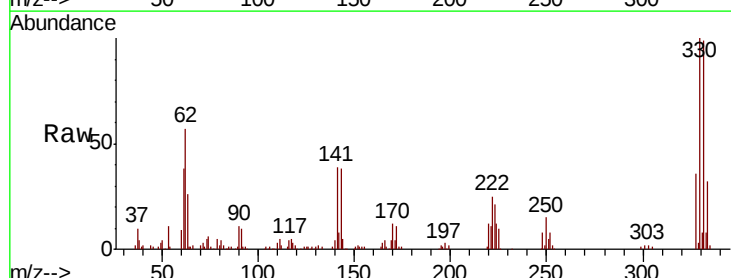


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

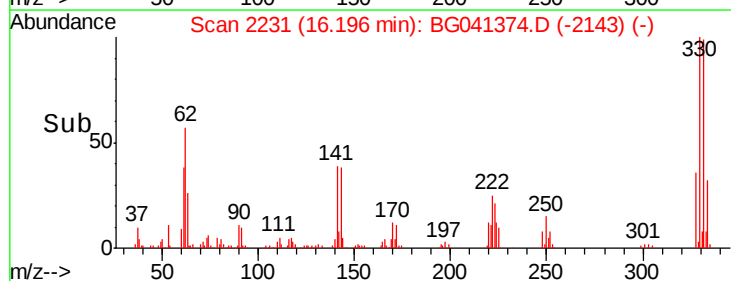
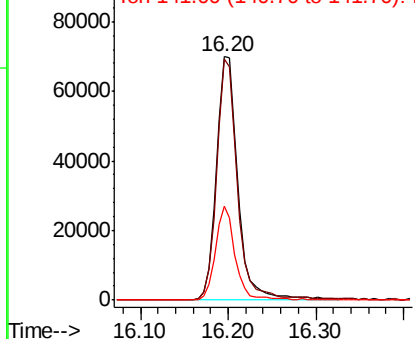


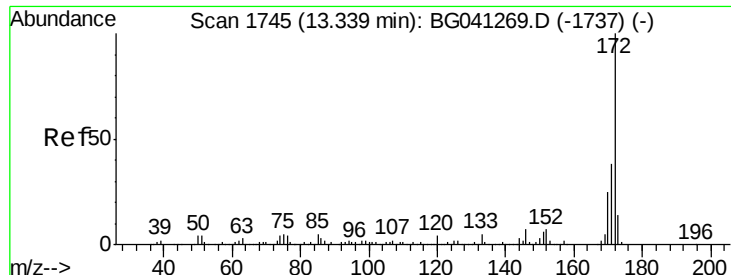
#42
2,4,6-Tribromophenol
Concen: 112.288 ng
RT: 16.20 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Tgt Ion:330 Resp: 119912
Ion Ratio Lower Upper
330 100
332 95.3 75.5 113.3
141 35.4 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

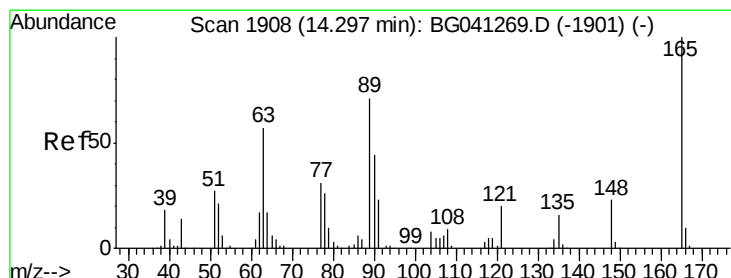
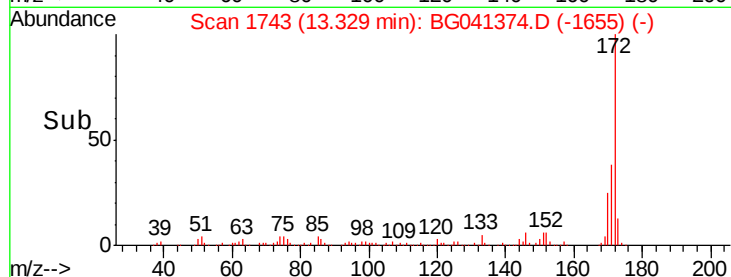
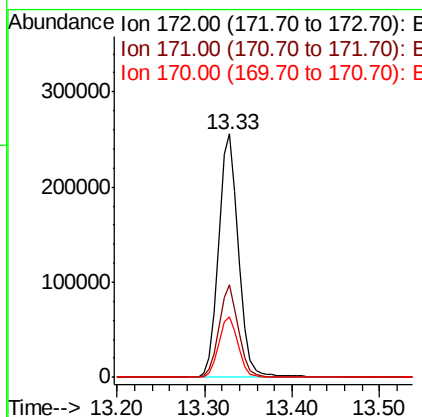
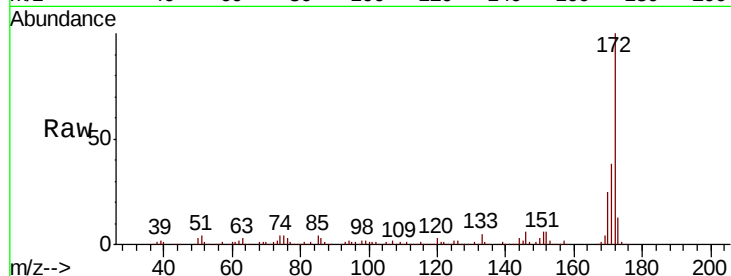




#45
 2-Fluorobiphenyl
 Concen: 79.003 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG041374.D
 Acq: 21 Jun 2019 12:09

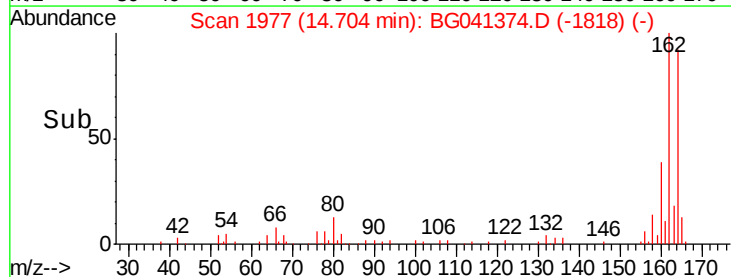
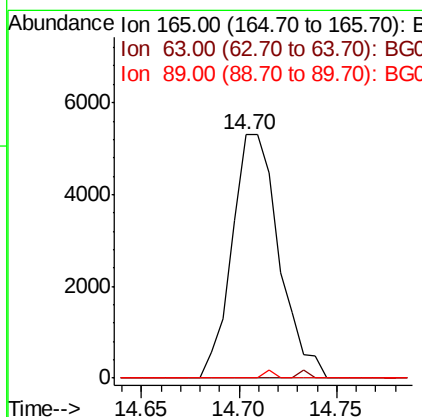
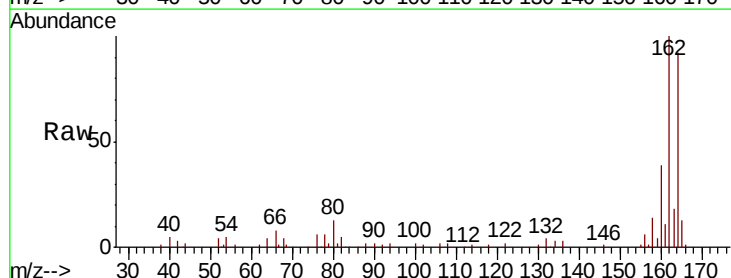
Instrument :
 BNA_G
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 PB120785TB

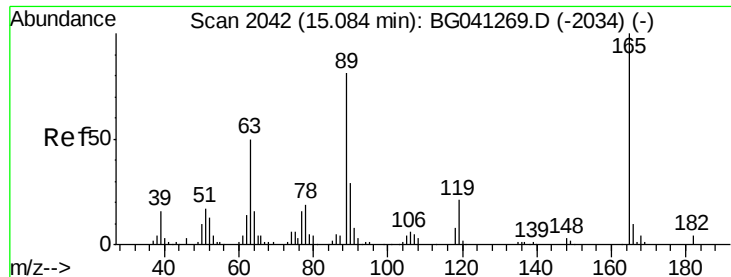
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.6	19.8	29.6



#51
 2,6-Dinitrotoluene
 Concen: 6.785 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. 0.41 min
 Lab File: BG041374.D
 Acq: 21 Jun 2019 12:09

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

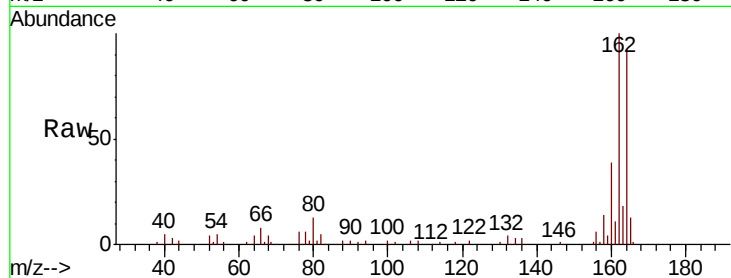




#57
2,4-Dinitrotoluene
Concen: 4.642 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.38 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB120785TB

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

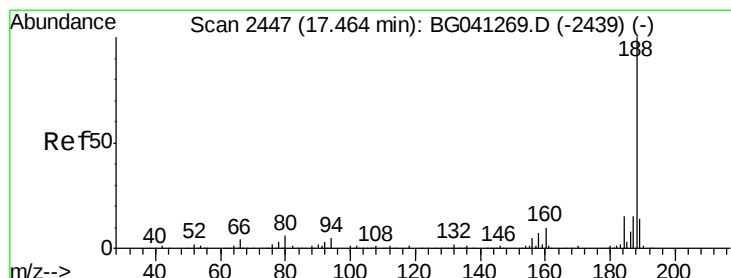
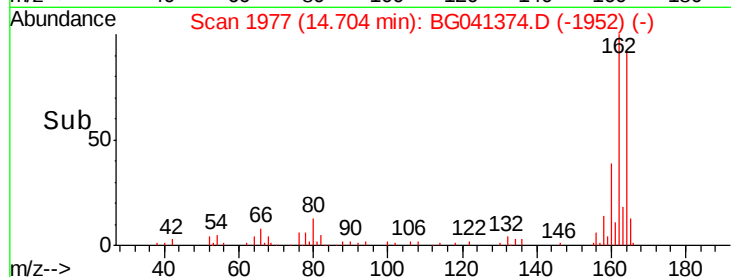
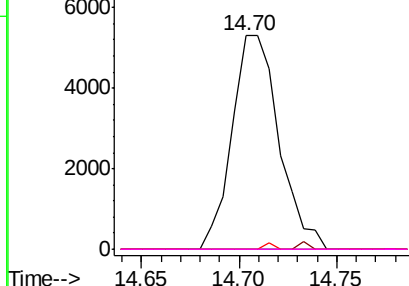


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

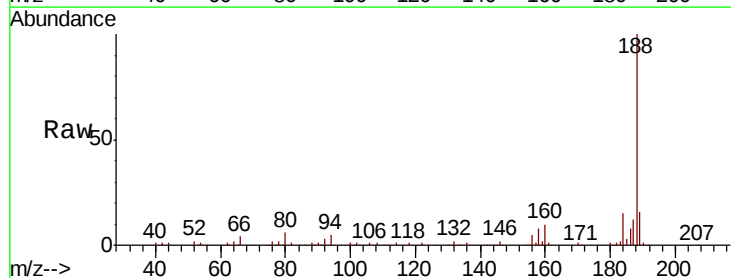
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

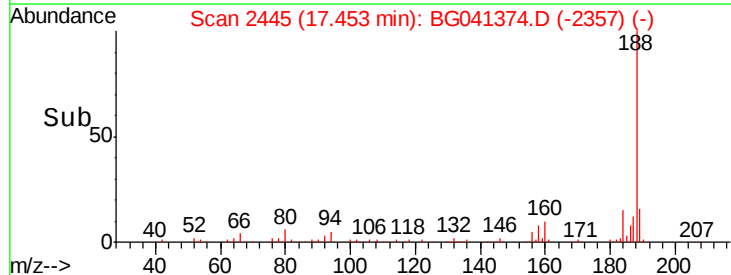
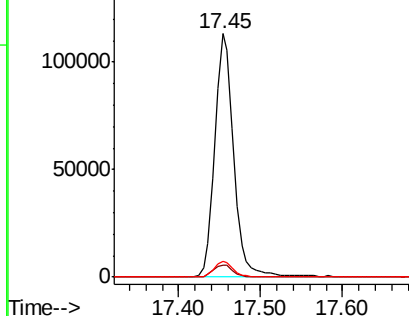
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.6	5.4
80	6.3	4.8	7.2

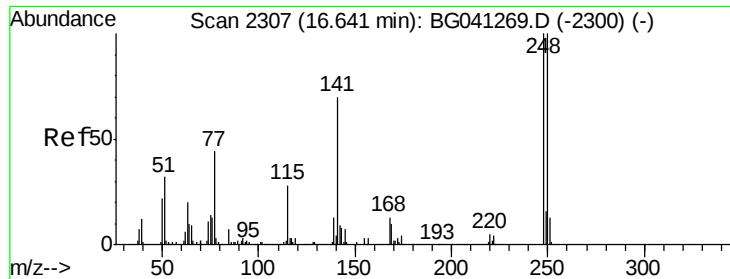


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

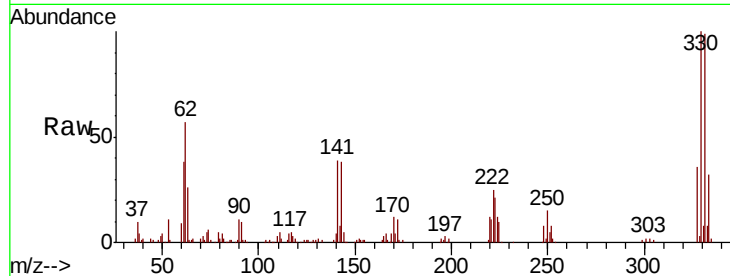




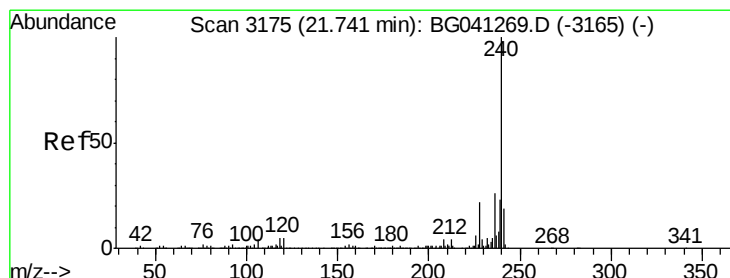
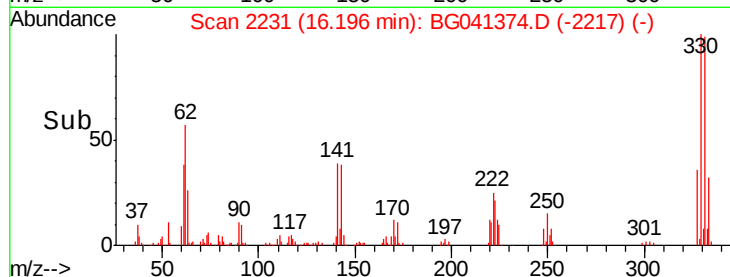
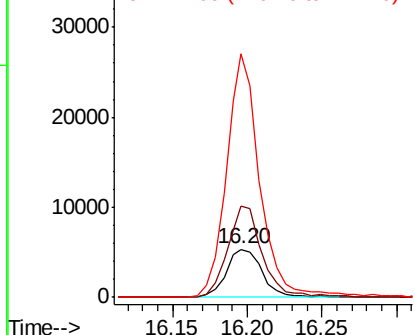
#67
4-Bromophenyl-phenylether
Concen: 3.762 ng
RT: 16.20 min Scan# 2231
Delta R.T. -0.45 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB120785TB

Tot Ion:248 Resp: 8937
Ion Ratio Lower Upper
248 100
250 189.0 79.8 119.8#
141 502.8 55.8 83.6#

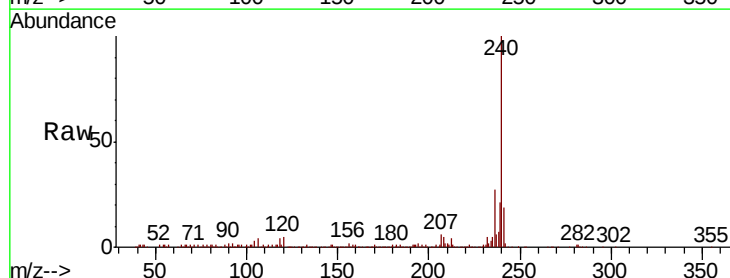


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

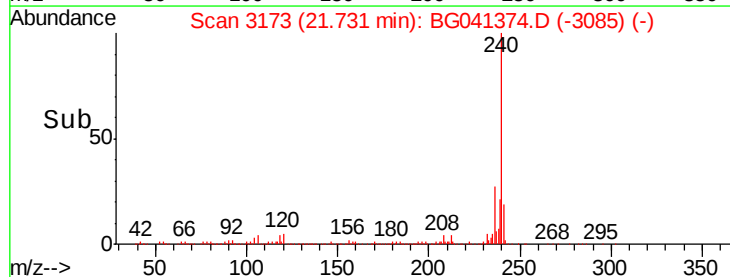
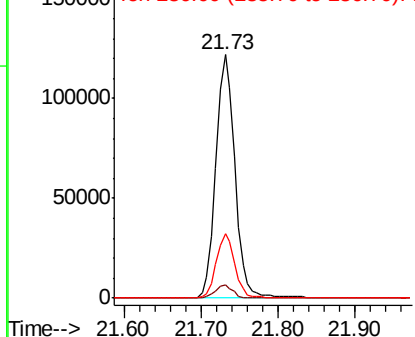


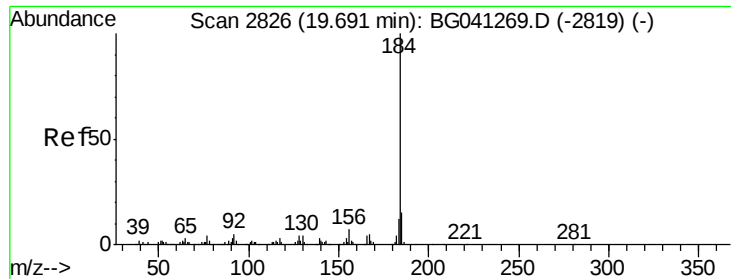
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Tgt Ion:240 Resp: 207799
Ion Ratio Lower Upper
240 100
120 5.4 3.7 5.5
236 26.6 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: 2.919 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Instrument :

BNA_G

ClientSampled :

PB120785TB

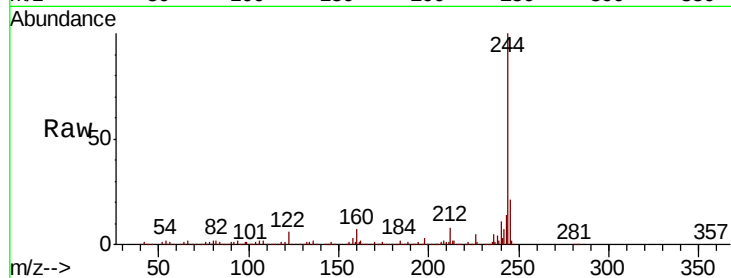
Tot Ion:184 Resp: 14673

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

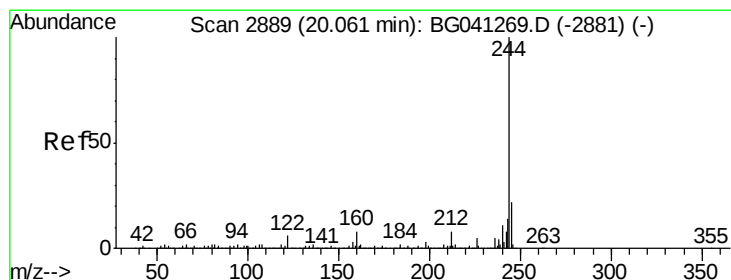
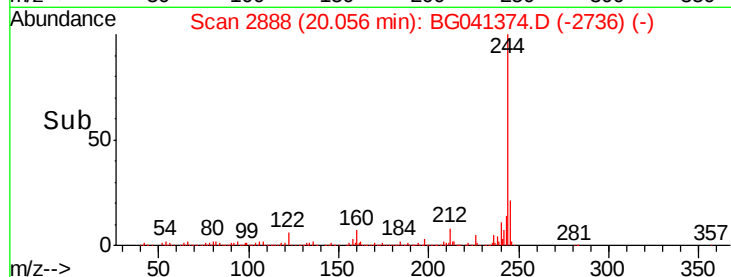
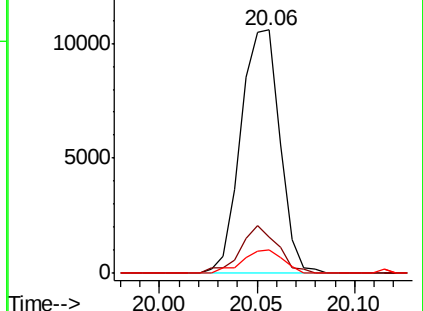
183 9.6 9.6 14.4#



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: 81.510 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

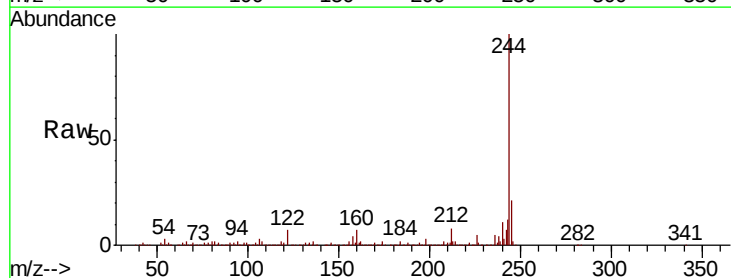
Tgt Ion:244 Resp: 854663

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

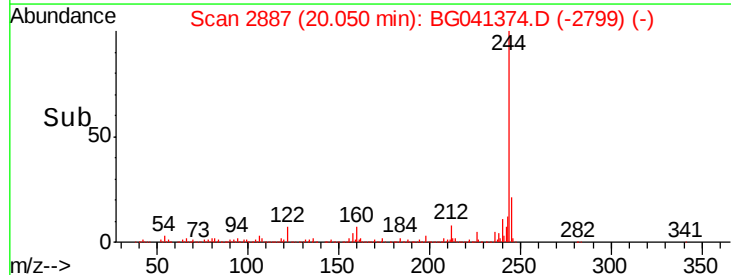
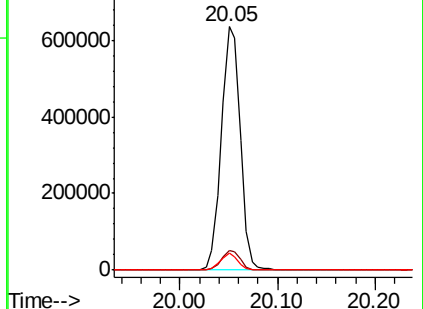
122 6.9 5.0 7.4

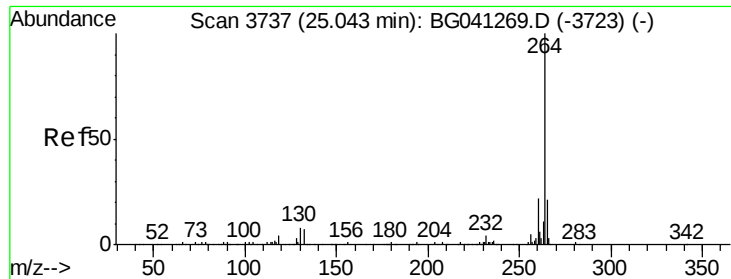


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3737
 Delta R.T. 0.00 min
 Lab File: BG041374.D
 Acq: 21 Jun 2019 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB120785TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	21.8	17.2	25.8

