

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
 Data File : BG041456.D
 Acq On : 25 Jun 2019 22:50
 Operator : HP/JU
 Sample : K3156-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-062419

Quant Time: Jun 26 04:22:26 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

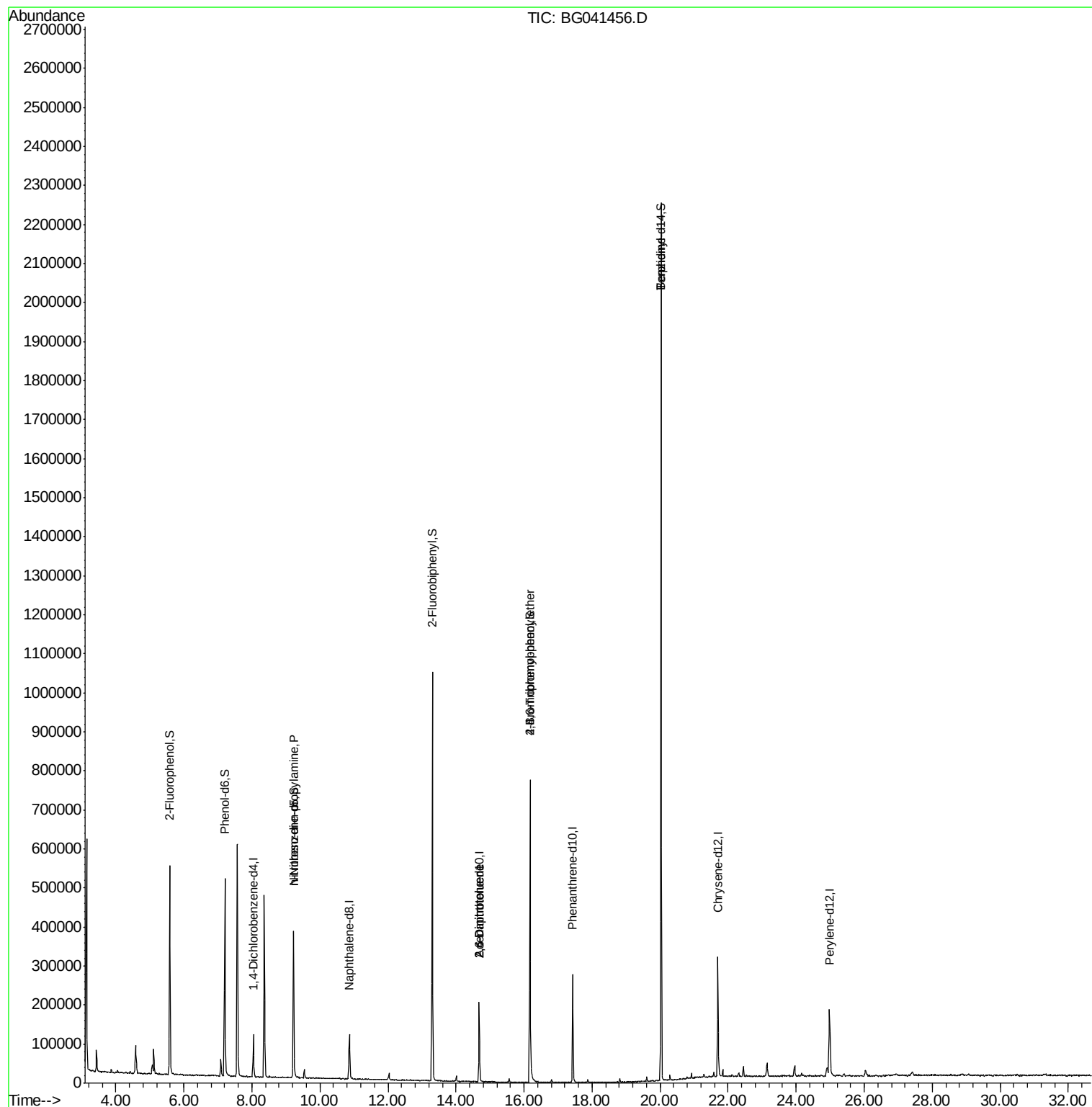
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	30260	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	103629	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	72111	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	184512	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	199840	20.00	ng	-0.04
87) Perylene-d12	24.98	264	207028	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	214969	130.53	ng	-0.04
7) Phenol-d6	7.20	99	272823	114.29	ng	-0.03
23) Nitrobenzene-d5	9.22	82	238614	96.84	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	165195	149.22	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	547573	103.21	ng	-0.04
79) Terphenyl-d14	20.03	244	1077700	106.87	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	35155	18.208	ng	# 77
51) 2,6-Dinitrotoluene	14.68	165	9009	6.659	ng	# 15
57) 2,4-Dinitrotoluene	14.68	165	9009	4.555	ng	# 18
67) 4-Bromophenyl-phenylether	16.17	248	11629	4.874	ng	# 1
77) Benzidine	20.03	184	18066	3.738	ng	95

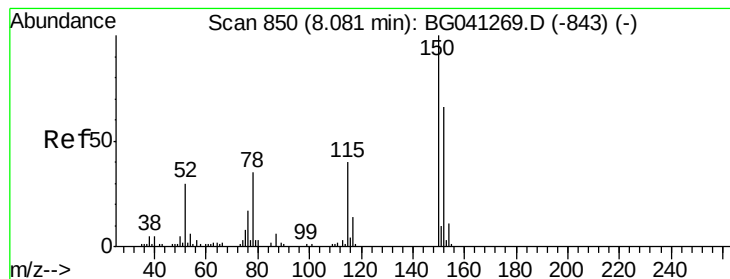
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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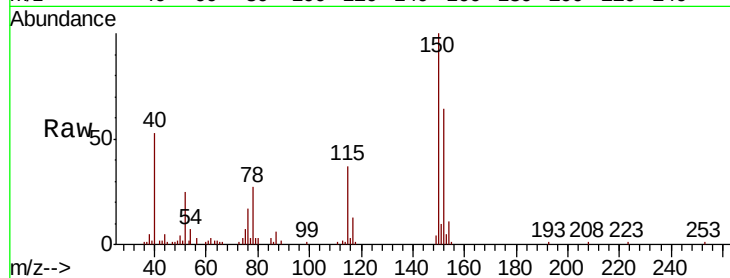


#1

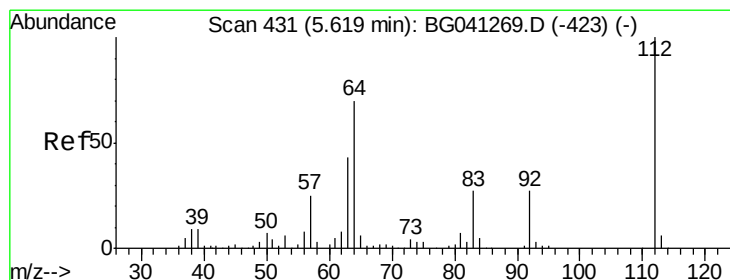
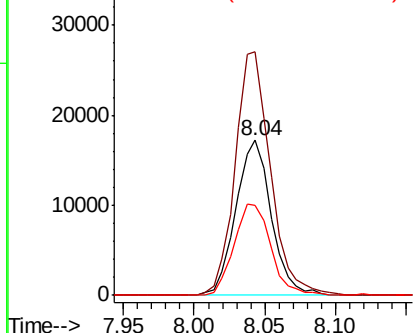
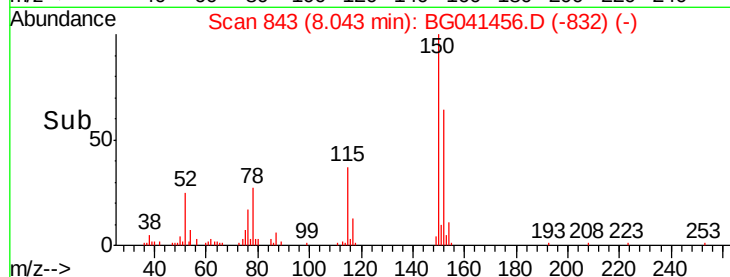
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Instrument :
BNA_G
ClientSampleId :
HD-02-062419

Tgt Ion:152 Resp: 30260
Ion Ratio Lower Upper
152 100
150 157.4 120.6 181.0
115 58.4 47.9 71.9



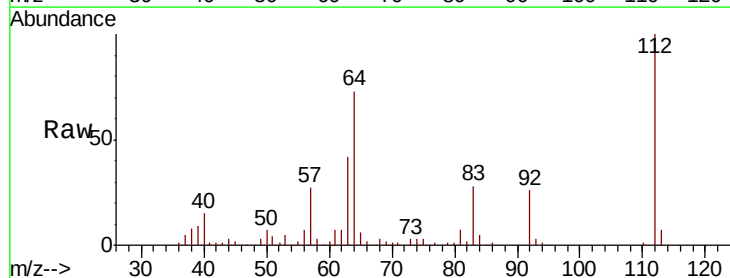
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



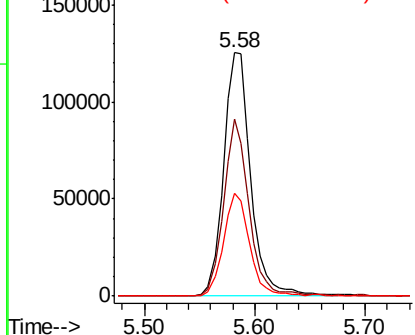
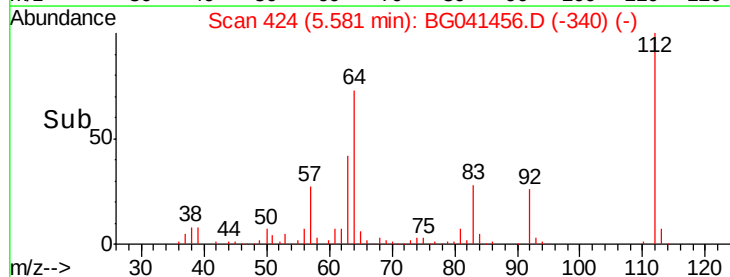
#5

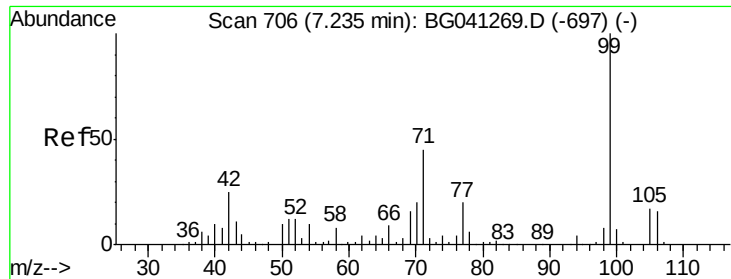
2-Fluorophenol
Concen: 130.531 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Tgt Ion:112 Resp: 214969
Ion Ratio Lower Upper
112 100
64 72.6 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: 114.287 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

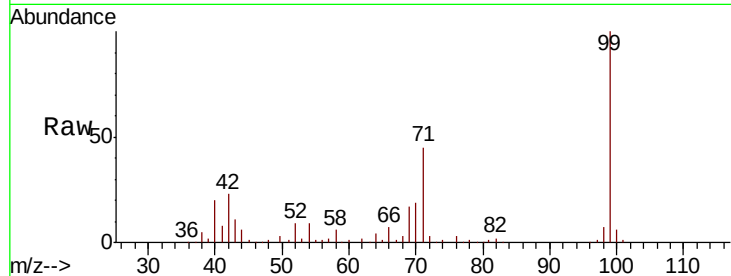
Tgt Ion: 99 Resp: 272823

Ion Ratio Lower Upper

99 100

42 23.4 19.9 29.9

71 45.2 36.4 54.6

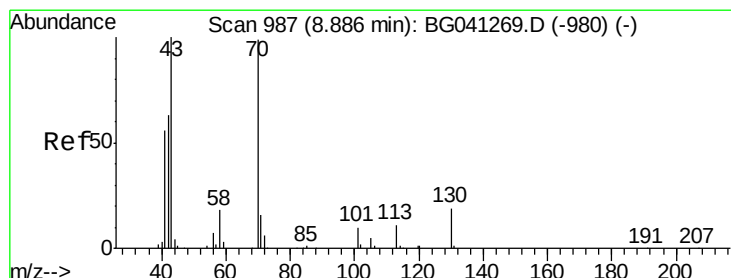
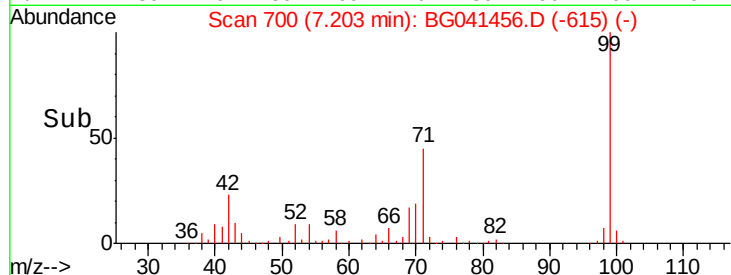
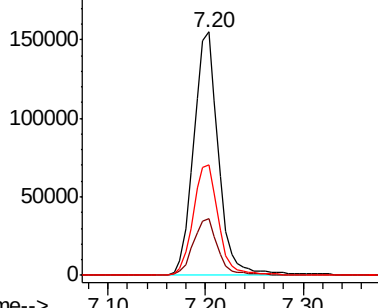


Abundance

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: 18.208 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.34 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Tgt Ion: 70 Resp: 35155

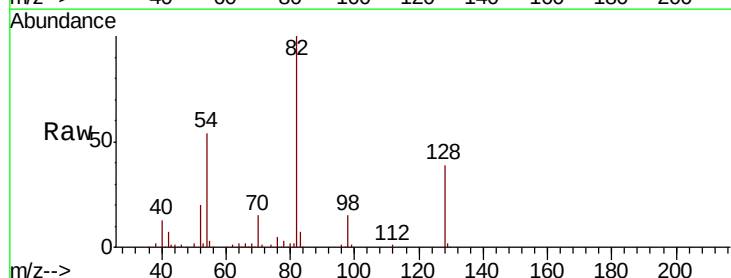
Ion Ratio Lower Upper

70 100

42 50.7 51.4 77.2#

101 0.0 8.2 12.2#

130 1.7 15.2 22.8#



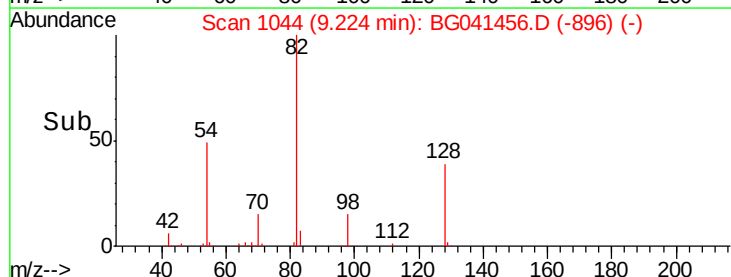
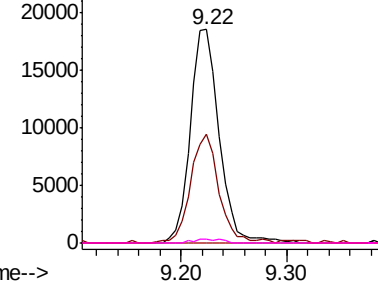
Abundance

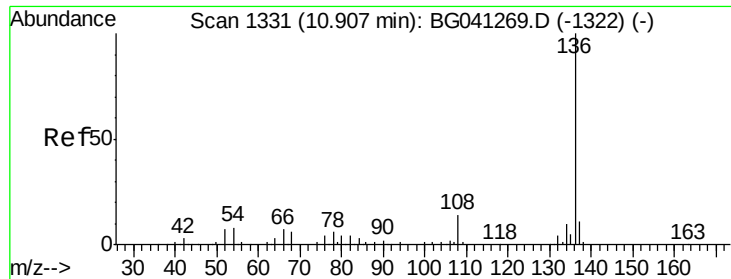
Ion 70.00 (69.70 to 70.70): BGC

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

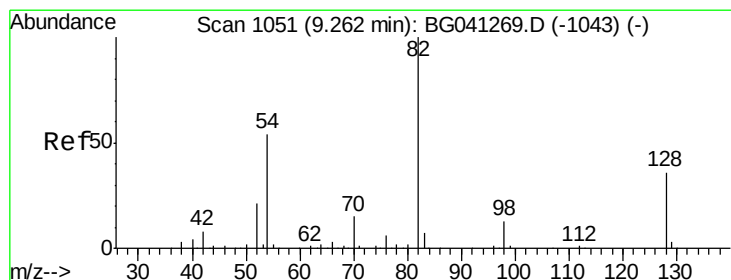
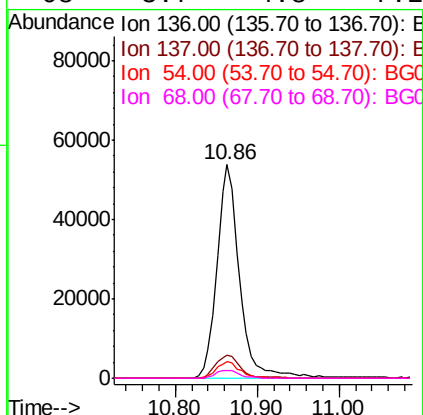
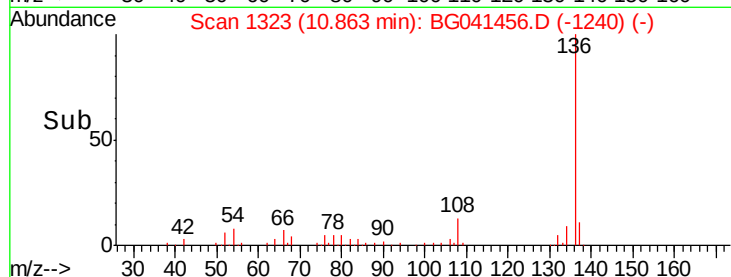
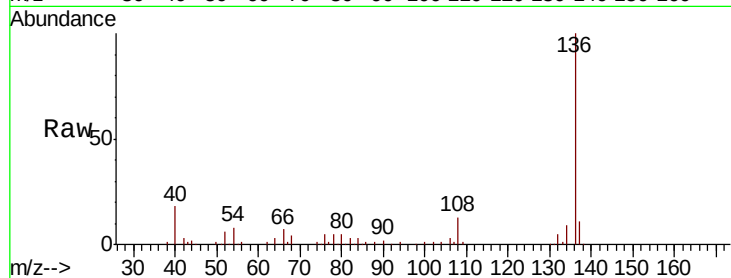




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

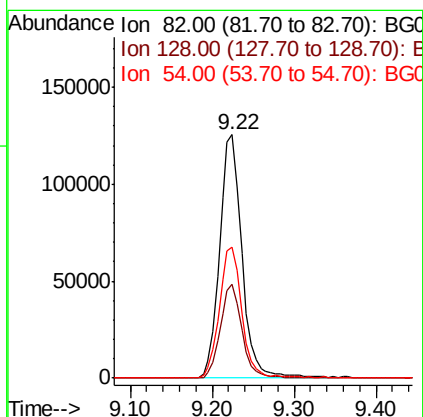
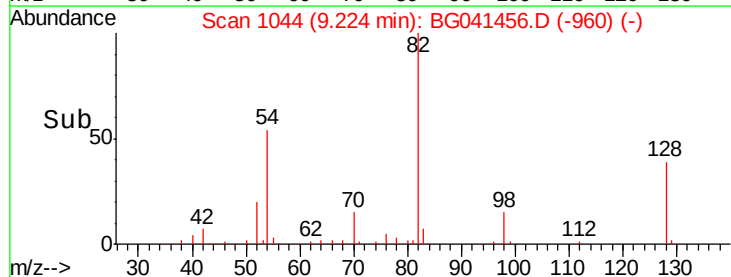
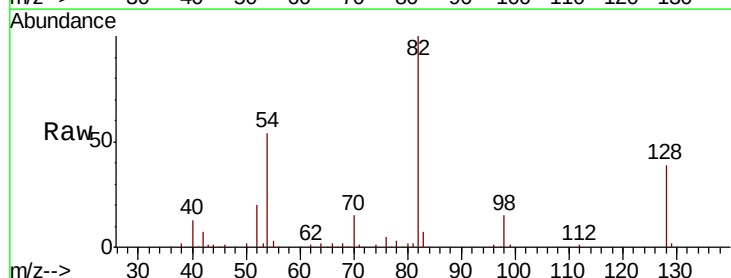
Instrument :
BNA_G
ClientSampleId :
HD-02-062419

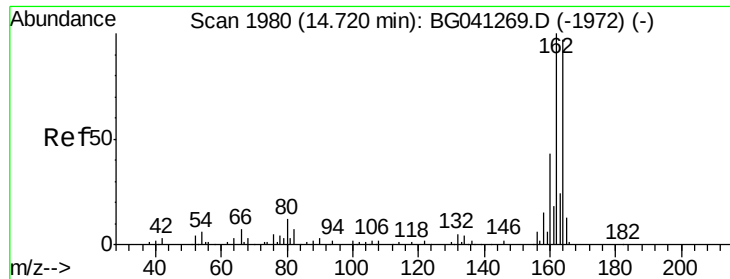
Tgt Ion: 136 Resp: 103629
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.4 9.6
68 3.7 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 96.838 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Tgt Ion: 82 Resp: 238614
Ion Ratio Lower Upper
82 100
128 38.6 29.2 43.8
54 53.5 43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.04 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

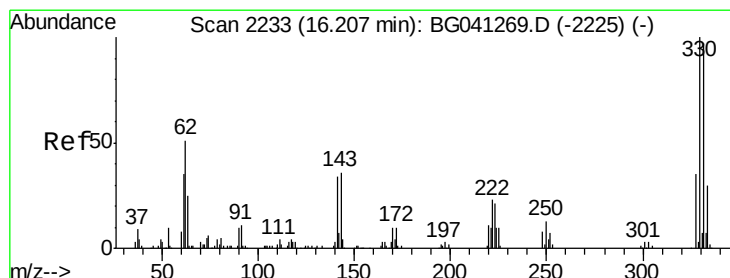
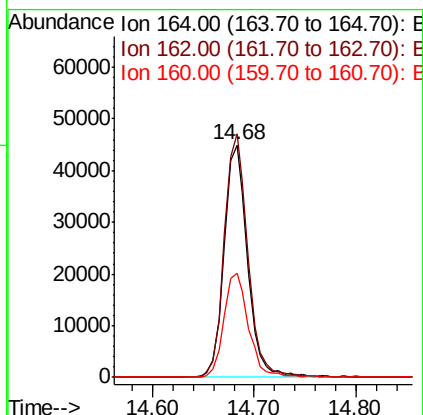
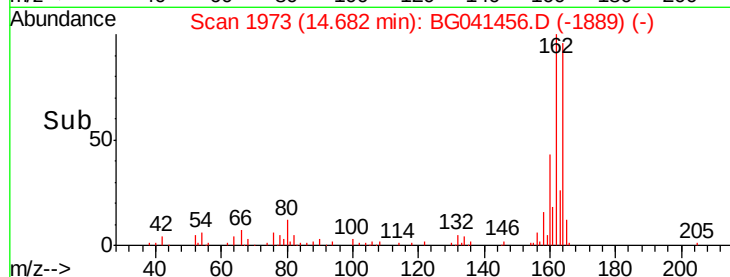
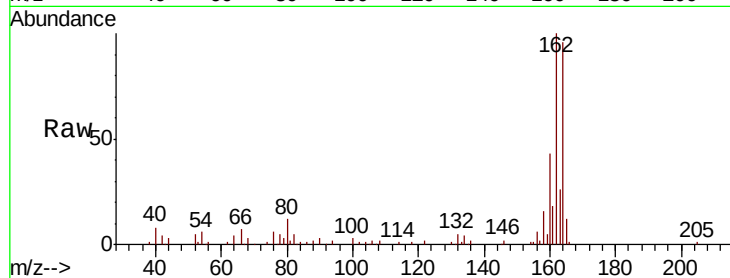
Tgt Ion:164 Resp: 72111

Ion Ratio Lower Upper

164 100

162 104.7 82.8 124.2

160 44.7 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 149.219 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

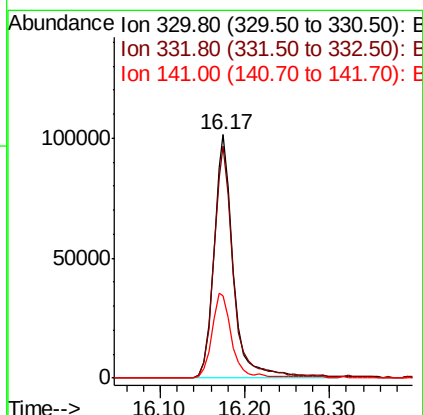
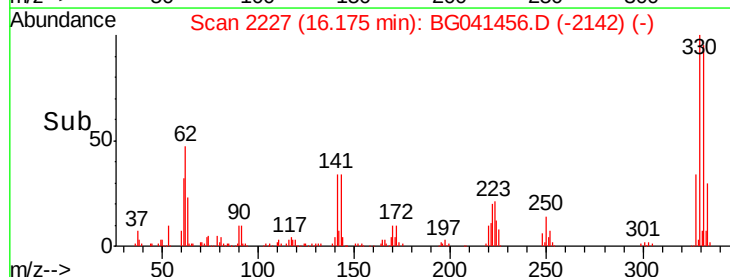
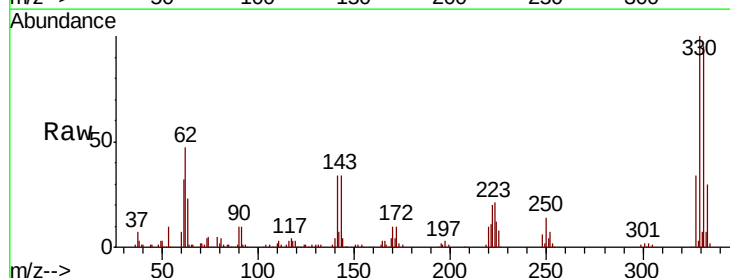
Tgt Ion:330 Resp: 165195

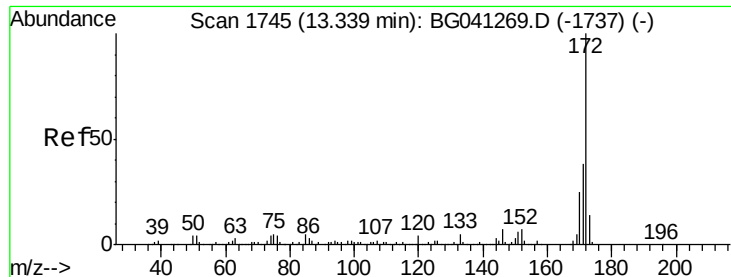
Ion Ratio Lower Upper

330 100

332 96.4 75.5 113.3

141 36.2 29.0 43.4

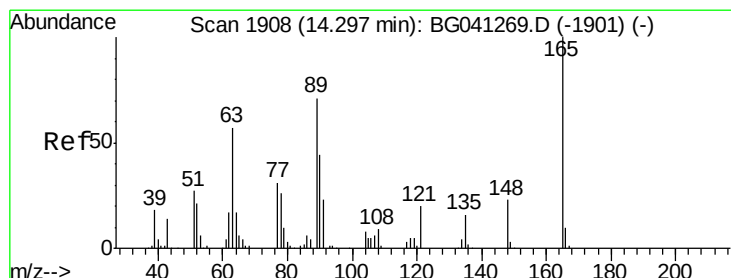
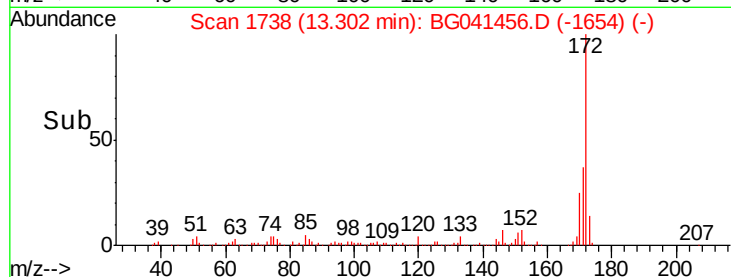
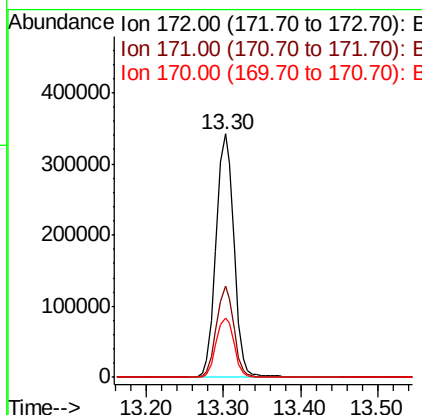
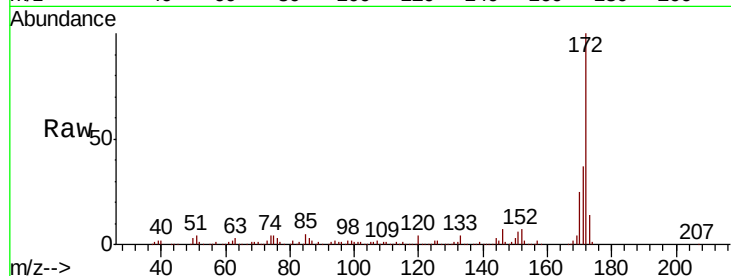




#45
2-Fluorobiphenyl
Concen: 103.207 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

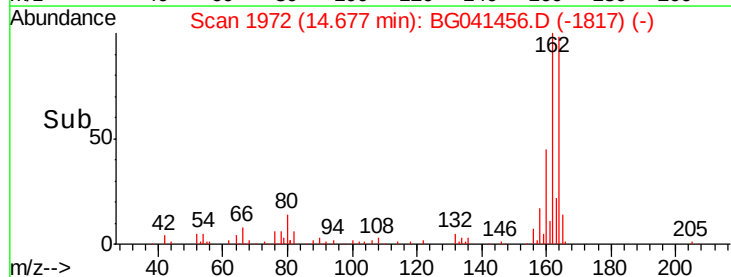
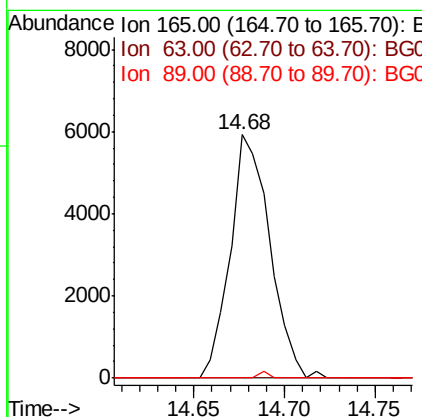
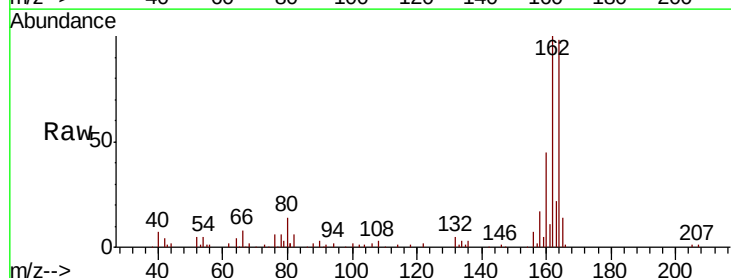
Instrument :
BNA_G
ClientSampleId :
HD-02-062419

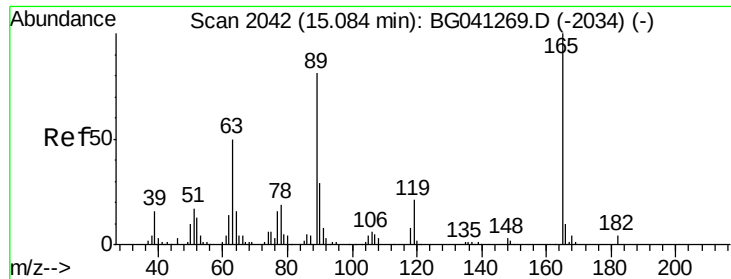
Tgt Ion:172 Resp: 547573
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 24.6 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 6.659 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.38 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Tgt Ion:165 Resp: 9009
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: 4.555 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.41 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

Tgt Ion:165 Resp: 9009

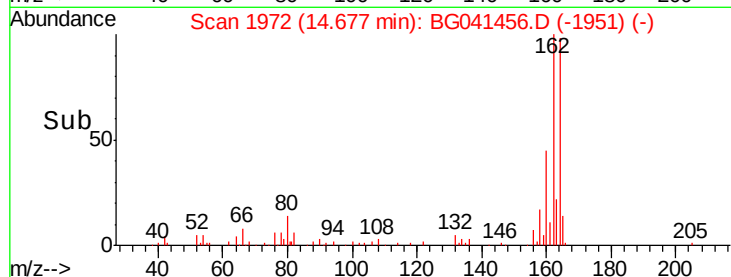
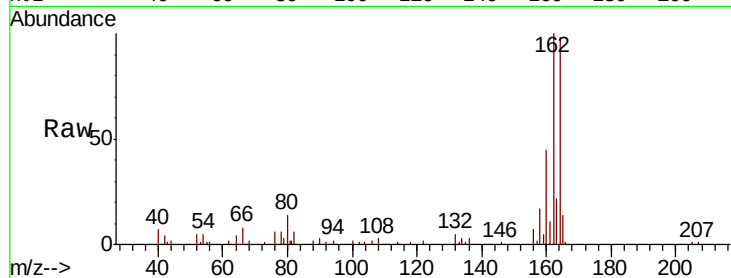
Ion Ratio Lower Upper

165 100

63 0.0 40.0 60.0#

89 0.0 64.6 96.8#

182 0.0 2.9 4.3#

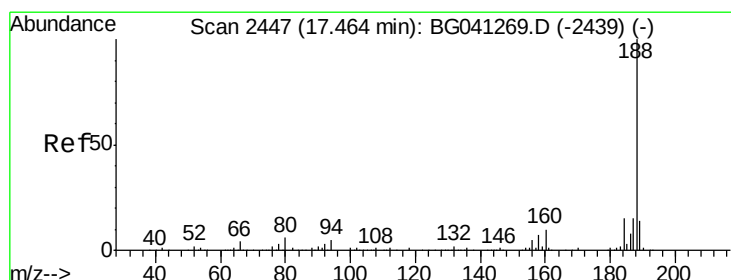
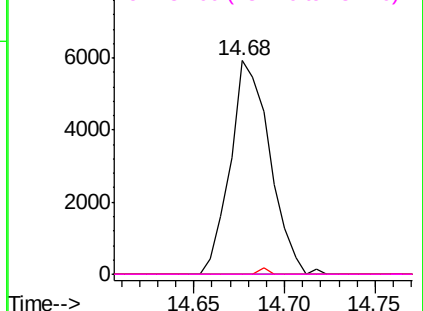


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

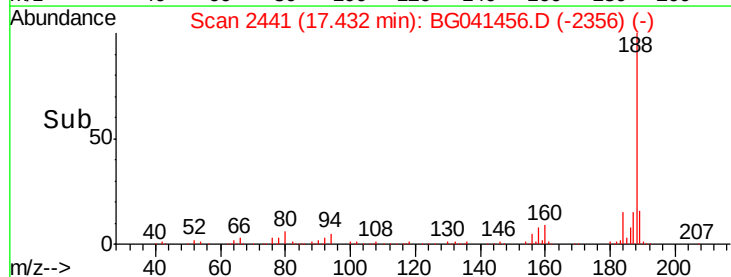
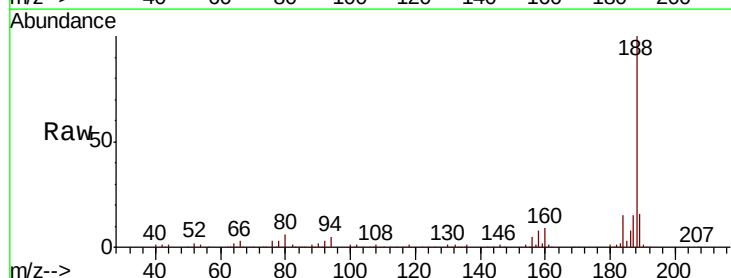
Tgt Ion:188 Resp: 184512

Ion Ratio Lower Upper

188 100

94 4.6 3.6 5.4

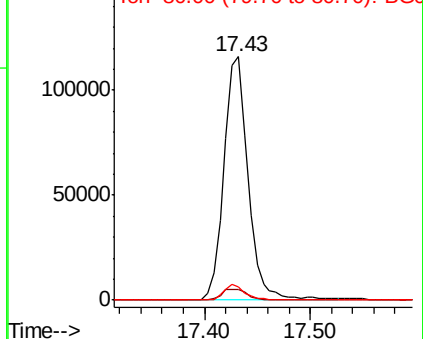
80 5.6 4.8 7.2

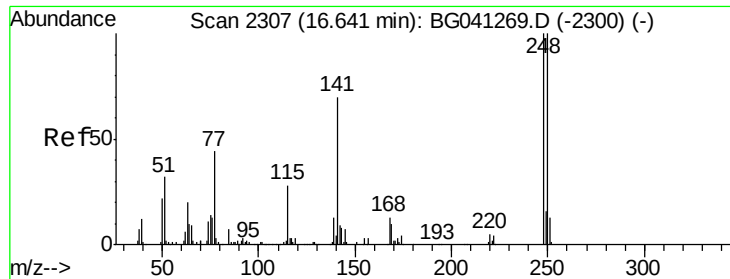


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

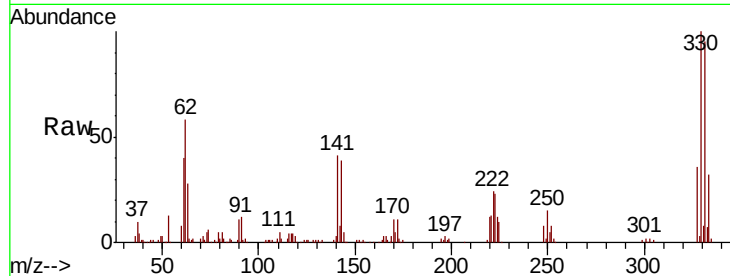




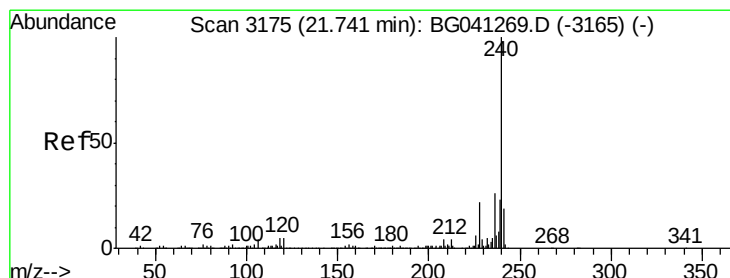
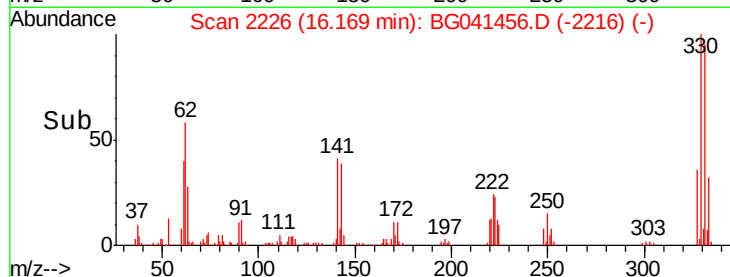
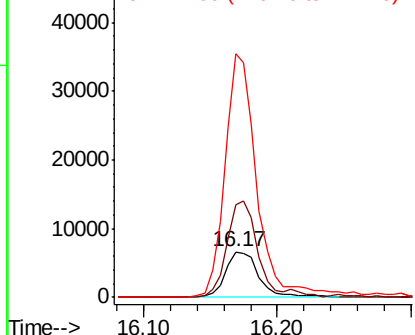
#67
4-Bromophenyl-phenylether
Concen: 4.874 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.47 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Instrument :
BNA_G
ClientSampleId :
HD-02-062419

Tgt Ion:248 Resp: 11629
Ion Ratio Lower Upper
248 100
250 203.7 79.8 119.8#
141 533.1 55.8 83.6#

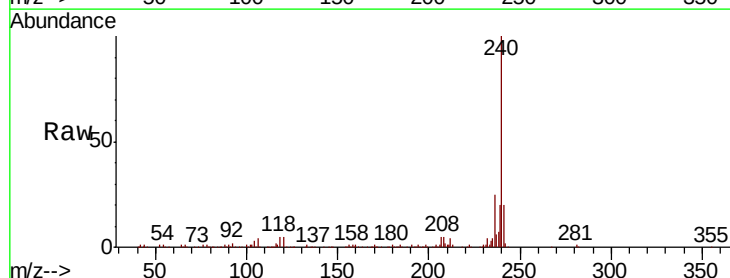


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

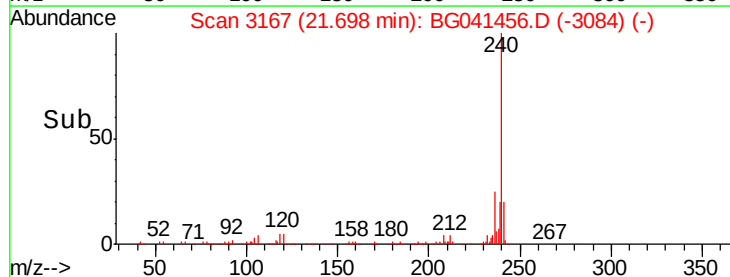
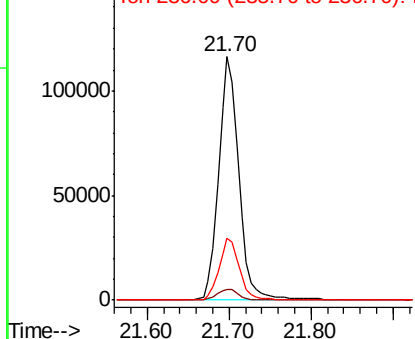


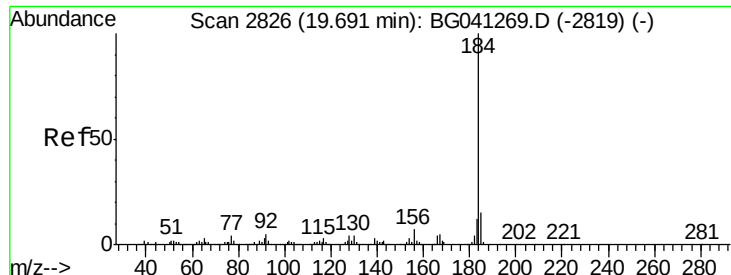
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Tgt Ion:240 Resp: 199840
Ion Ratio Lower Upper
240 100
120 4.6 3.7 5.5
236 25.3 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: 3.738 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.34 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

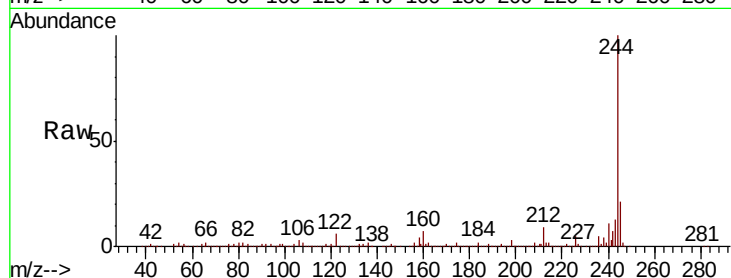
Tgt Ion:184 Resp: 18066

Ion Ratio Lower Upper

184 100

185 17.6 12.2 18.2

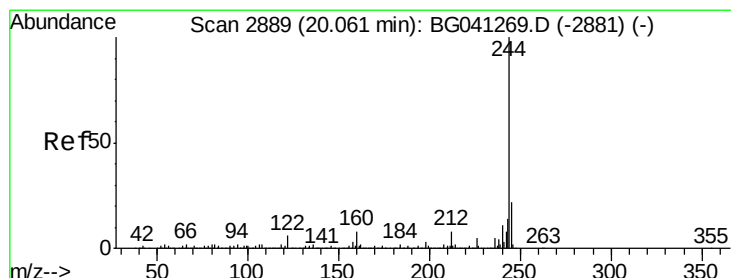
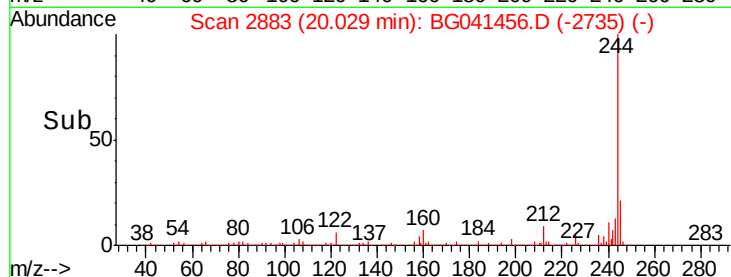
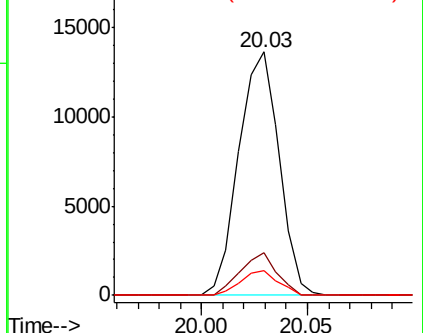
183 10.1 9.6 14.4



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: 106.874 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

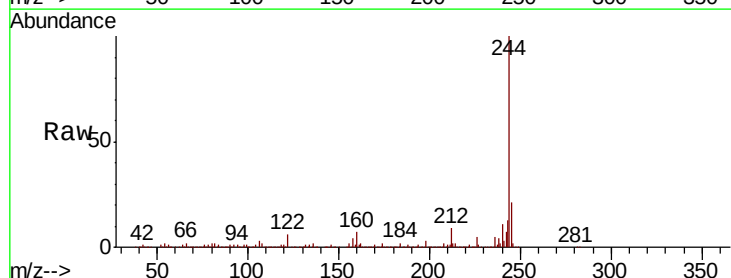
Tgt Ion:244 Resp: 1077700

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

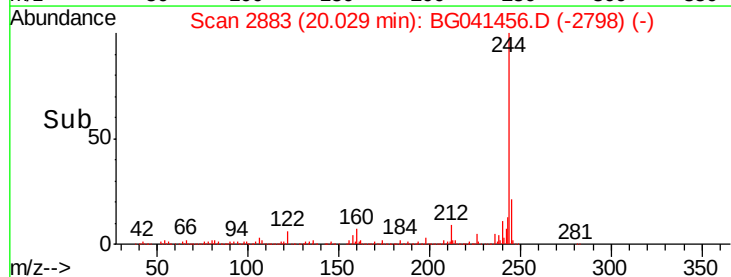
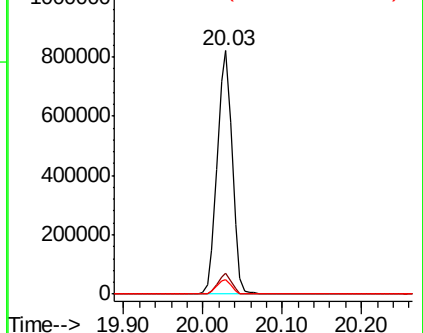
122 6.0 5.0 7.4

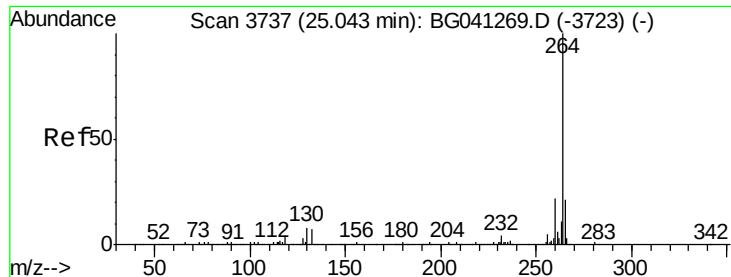


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.06 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Instrument :
BNA_G
ClientSampleId :
HD-02-062419

Tgt Ion:	264	Resp:	207028
Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	21.4	17.2	25.8

