

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041304.D
 Acq On : 18 Jun 2019 19:22
 Operator : HP/JU
 Sample : K3409-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 05:39:44 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

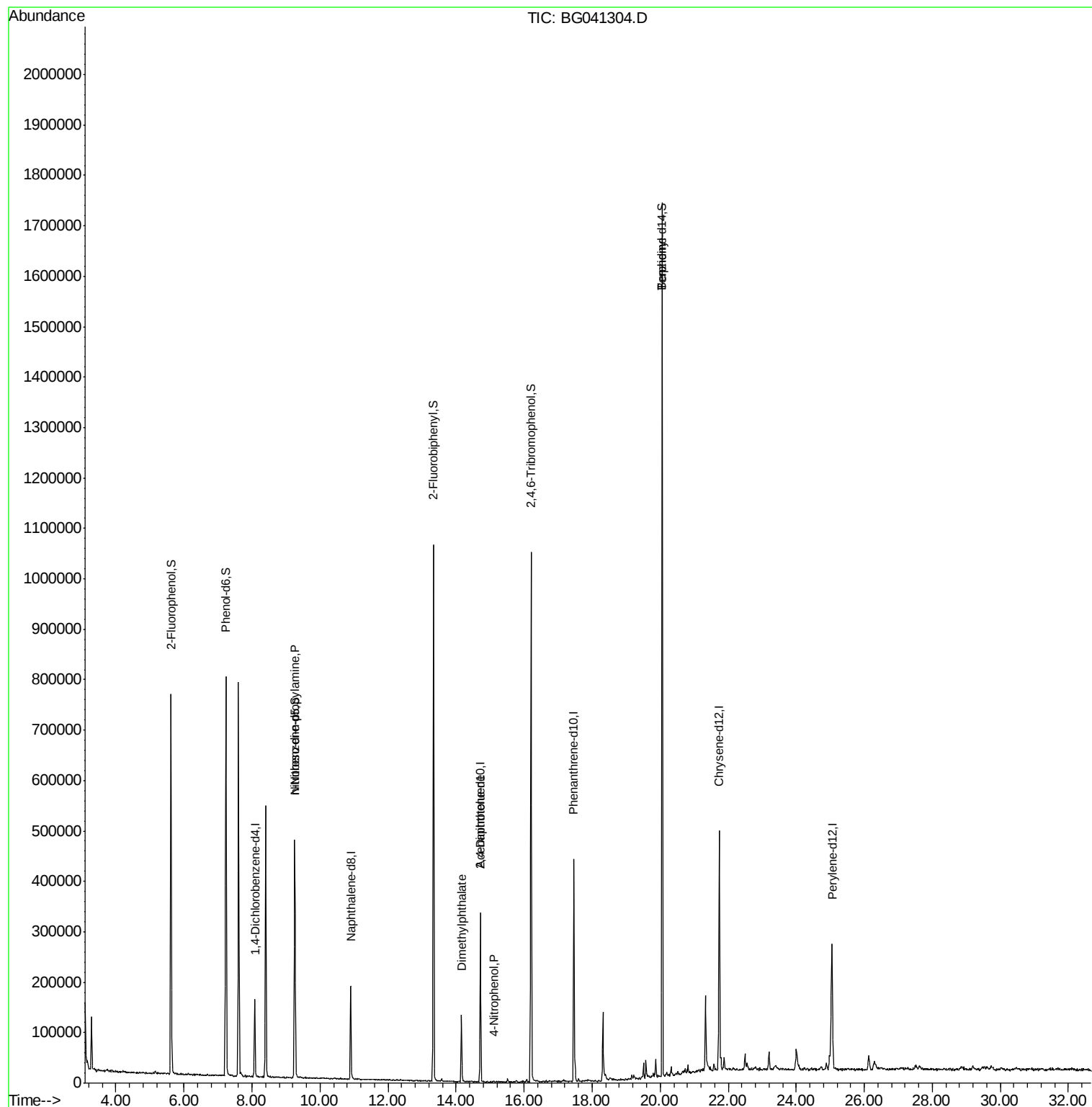
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41319	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	155756	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	114344	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	277718	20.00	ng	0.00
76) Chrysene-d12	21.74	240	272257	20.00	ng	0.00
87) Perylene-d12	25.04	264	290025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	284625	126.57	ng	0.00
7) Phenol-d6	7.24	99	411160	126.14	ng	0.00
23) Nitrobenzene-d5	9.26	82	289361	78.13	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	190416	108.47	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	540005	64.19	ng	0.00
79) Terphenyl-d14	20.06	244	793264	57.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	42706	16.199	ng	# 79
50) Dimethylphthalate	14.16	163	86359	8.488	ng	# 97
56) 4-Nitrophenol	15.11	139	288	3.388	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	15647	4.990	ng	# 20
77) Benzidine	20.06	184	13231	2.009	ng	# 94

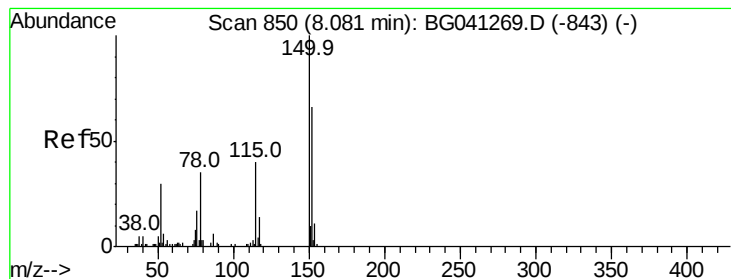
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Instrument :

BNA_G

ClientSampled :

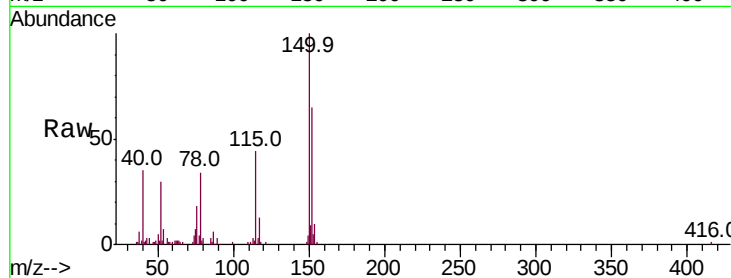
Tot Ion:152 Resp: 41319

Ion Ratio Lower Upper

152 100

150 154.2 120.6 181.0

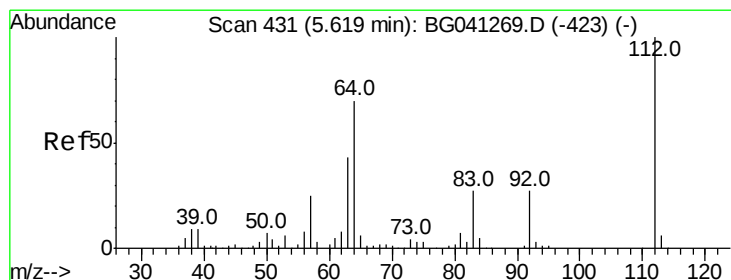
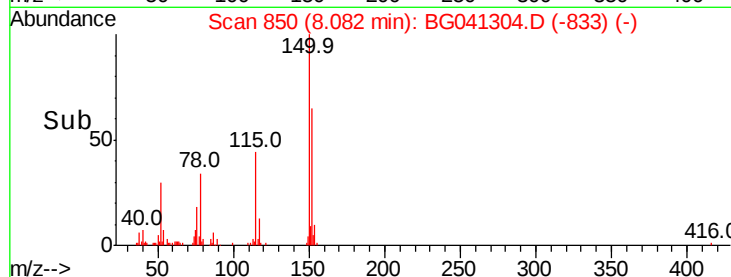
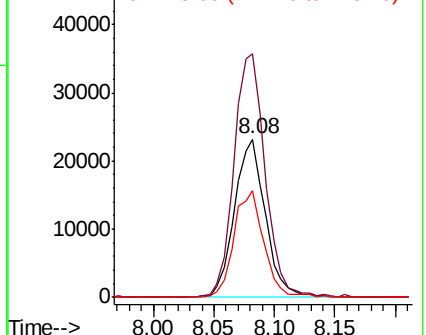
115 67.6 47.9 71.9



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: 126.570 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

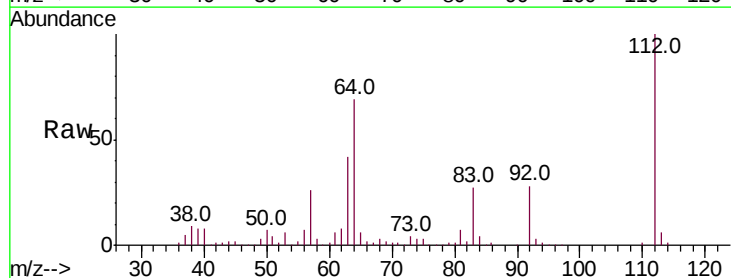
Tgt Ion:112 Resp: 284625

Ion Ratio Lower Upper

112 100

64 69.5 55.9 83.9

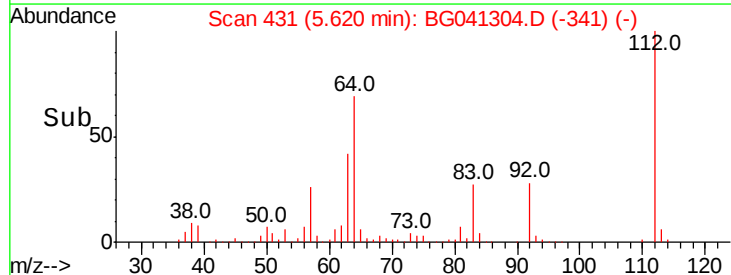
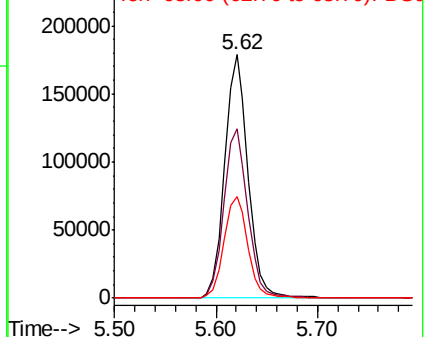
63 41.8 34.6 51.8

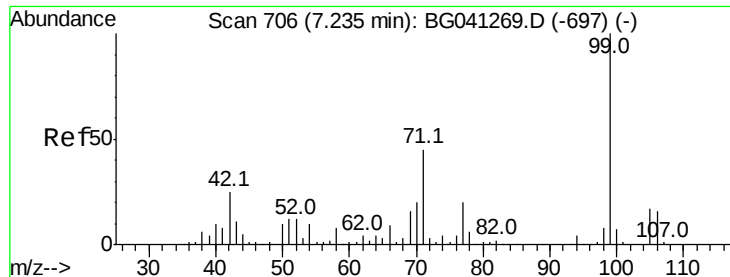


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.138 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Instrument :

BNA_G

ClientSampleId :

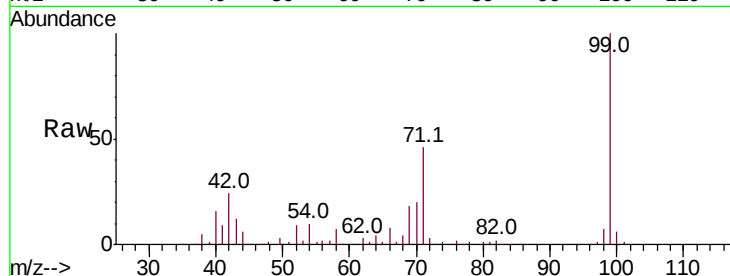
Tot Ion: 99 Resp: 411160

Ion Ratio Lower Upper

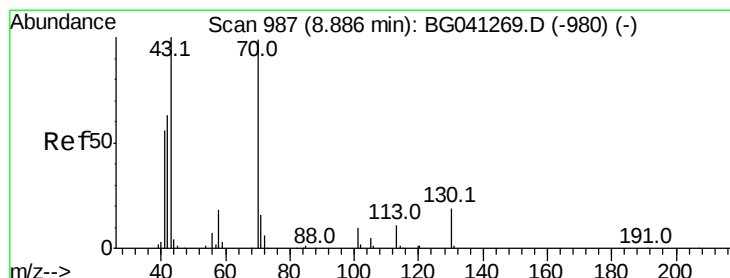
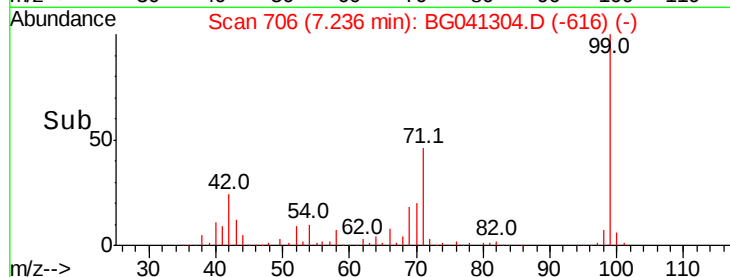
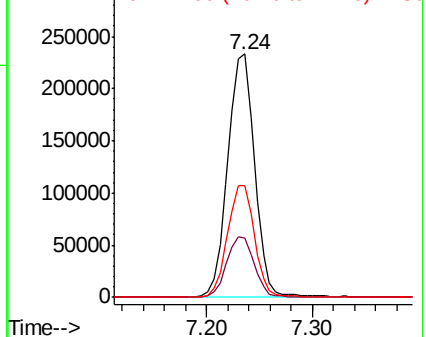
99 100

42 24.4 19.9 29.9

71 45.7 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: 16.199 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Tgt Ion: 70 Resp: 42706

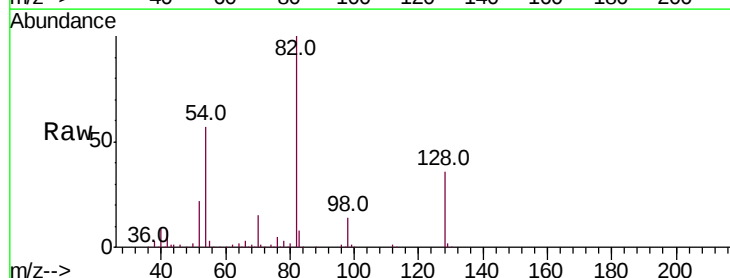
Ion Ratio Lower Upper

70 100

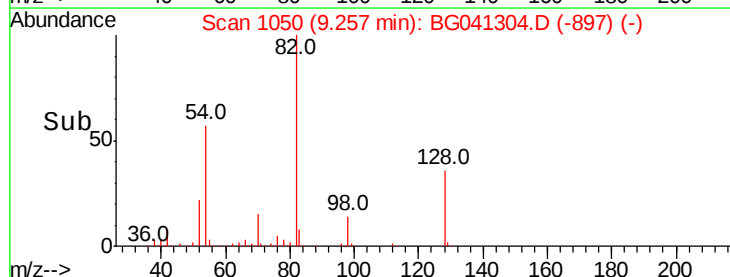
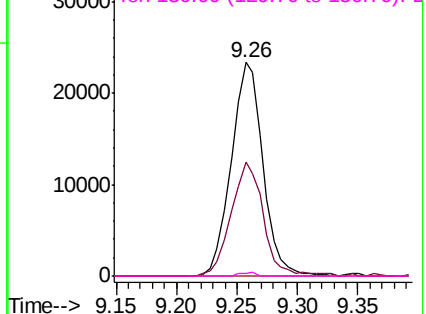
42 53.1 51.4 77.2

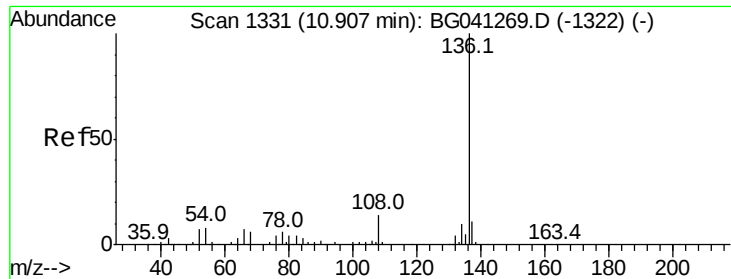
101 0.0 8.2 12.2#

130 1.3 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

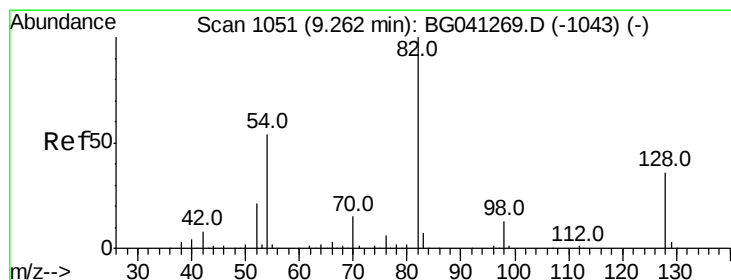
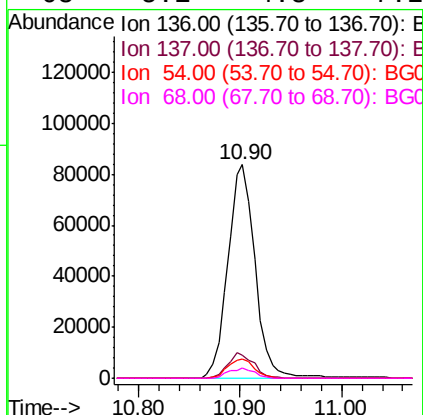
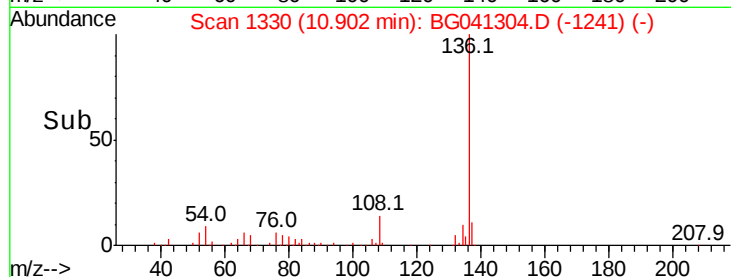
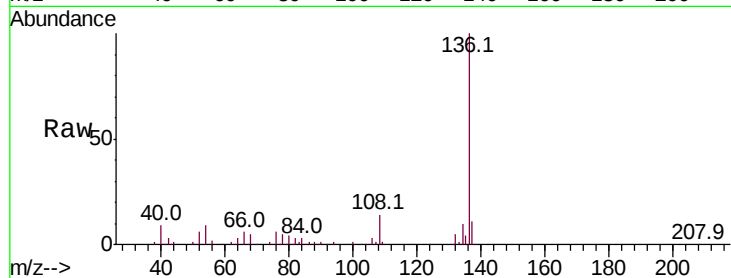




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041304.D
Acq: 18 Jun 2019 19:22

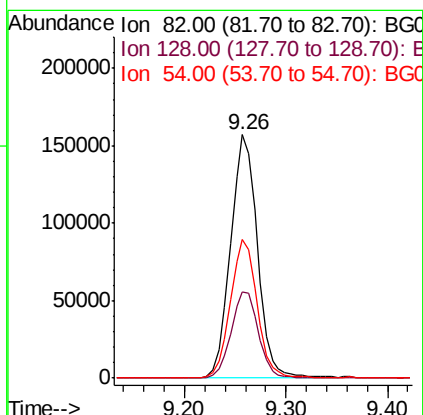
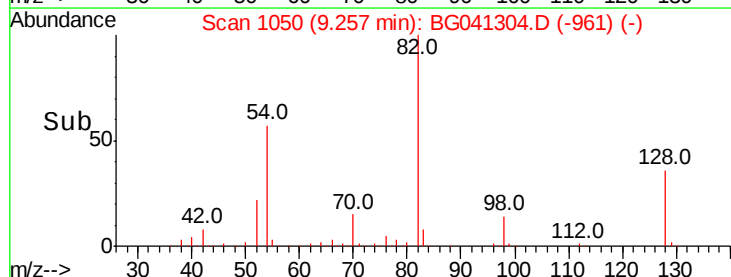
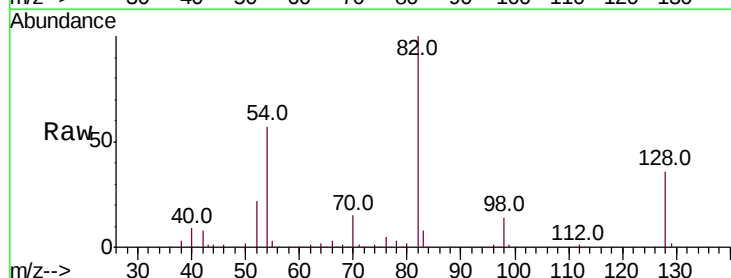
Instrument :
BNA_G
ClientSampleId :

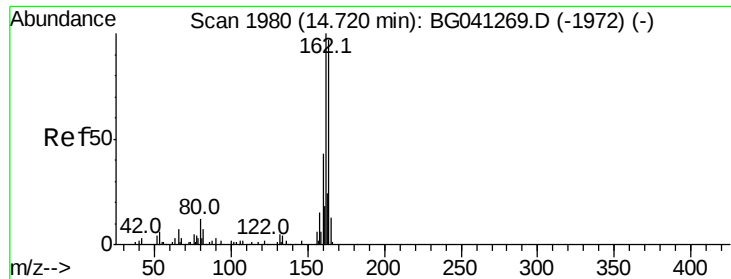
Tot Ion:136	Resp:	155756
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	9.2	6.4 9.6
68	5.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 78.131 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041304.D
Acq: 18 Jun 2019 19:22

Tgt Ion: 82	Resp:	289361
Ion	Ratio	Lower Upper
82	100	
128	35.6	29.2 43.8
54	57.0	43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Instrument :

BNA_G

ClientSampleId :

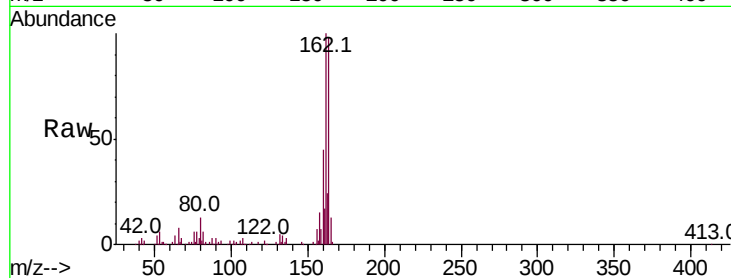
Tot Ion:164 Resp: 114344

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

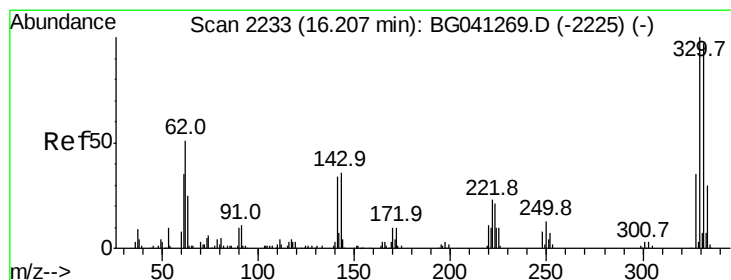
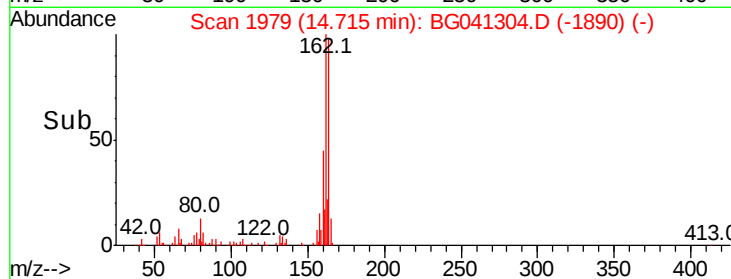
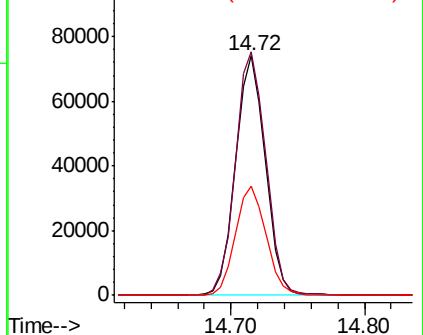
160 45.4 35.8 53.8



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: 108.472 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

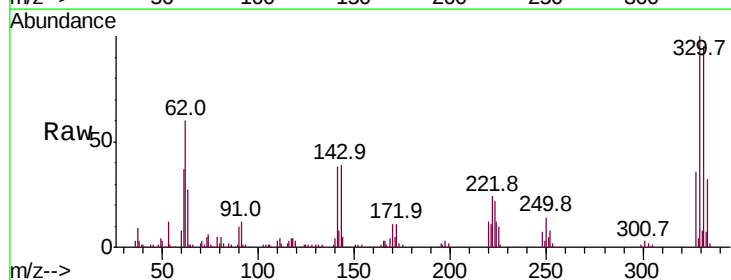
Tgt Ion:330 Resp: 190416

Ion Ratio Lower Upper

330 100

332 95.1 75.5 113.3

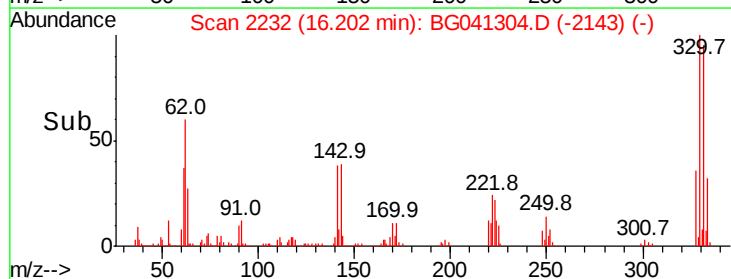
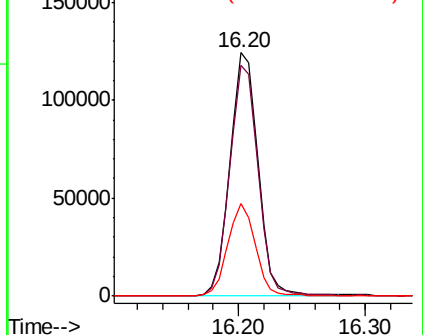
141 37.2 29.0 43.4

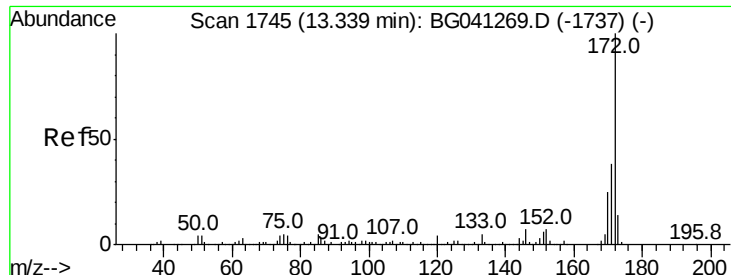


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

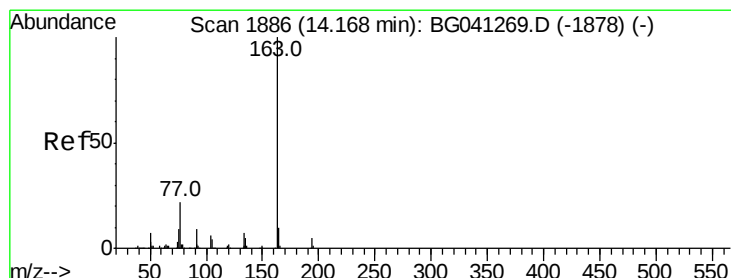
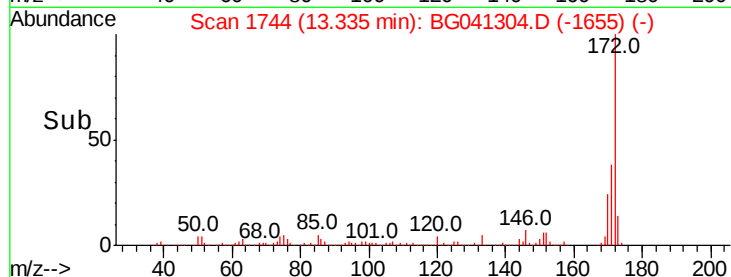
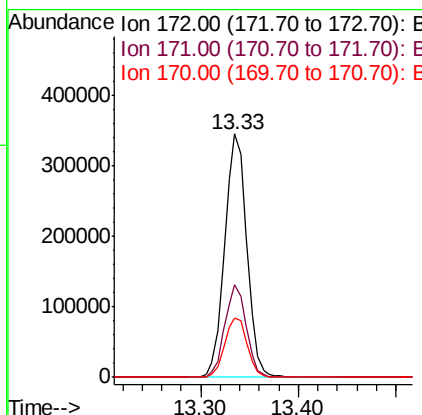
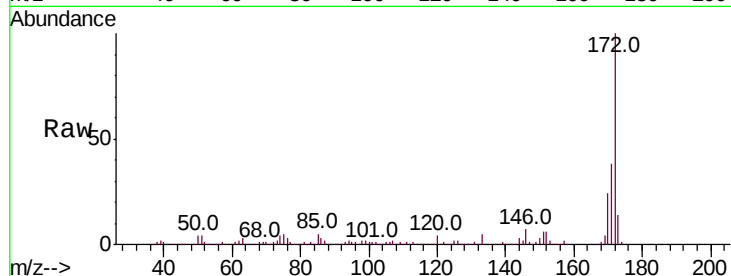




#45
2-Fluorobiphenyl
Concen: 64.188 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041304.D
Acq: 18 Jun 2019 19:22

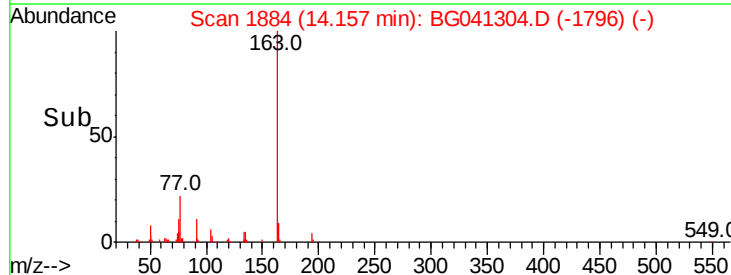
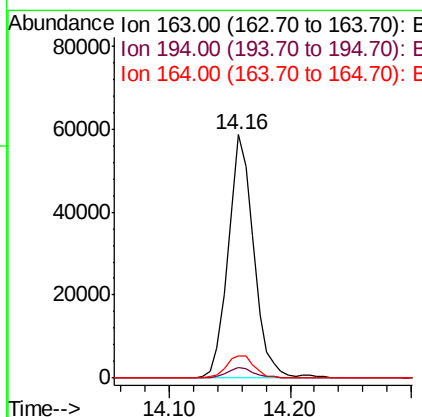
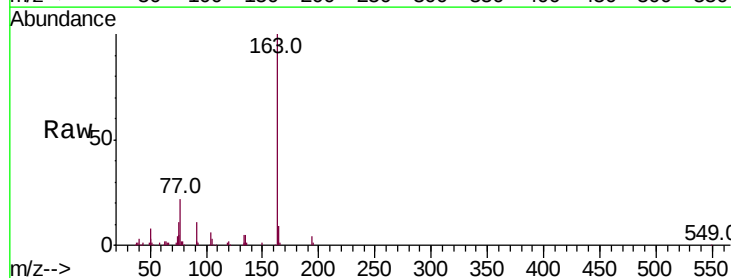
Instrument :
BNA_G
ClientSampleId :

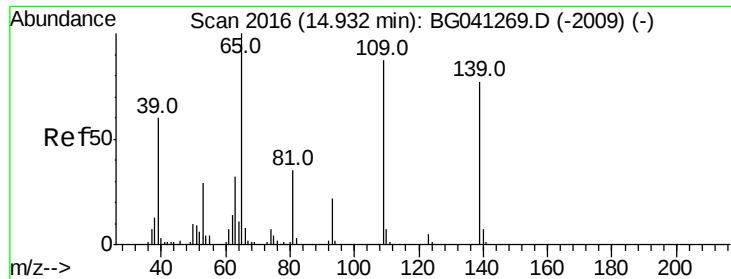
Tot Ion:172 Resp: 540005
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 24.2 19.8 29.6



#50
Dimethylphthalate
Concen: 8.488 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041304.D
Acq: 18 Jun 2019 19:22

Tgt Ion:163 Resp: 86359
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 9.2 8.3 12.5





#56

4-Nitrophenol

Concen: 3.388 ng

RT: 15.11 min Scan# 2046

Delta R.T. 0.18 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Instrument :

BNA_G

ClientSampleId :

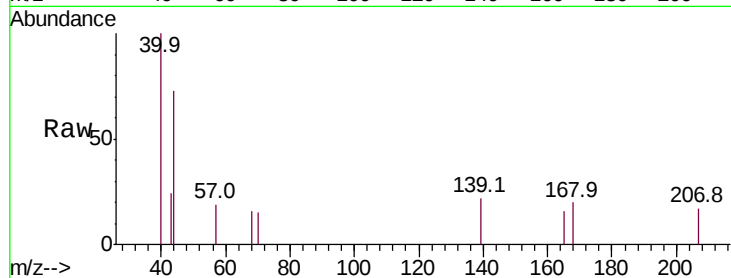
Tot Ion:139 Resp: 288

Ion Ratio Lower Upper

139 100

109 0.0 93.2 133.2#

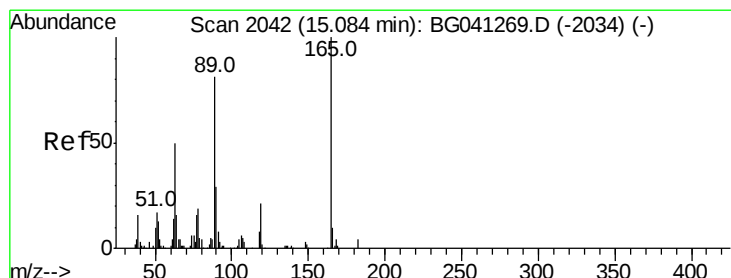
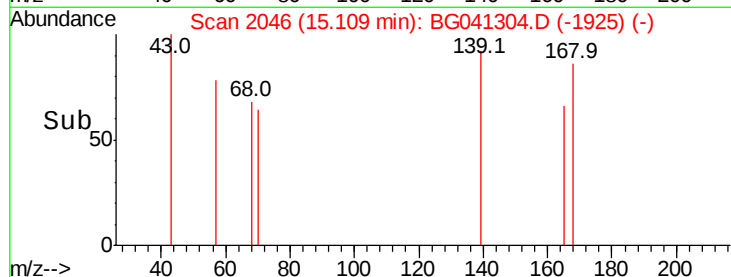
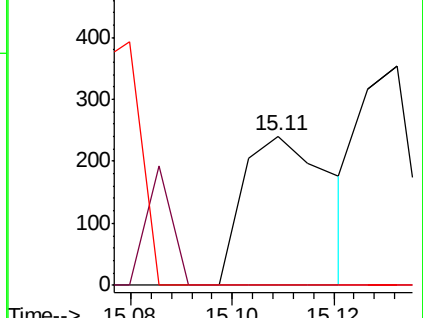
65 0.0 110.2 150.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 4.990 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.37 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Tgt Ion:165 Resp: 15647

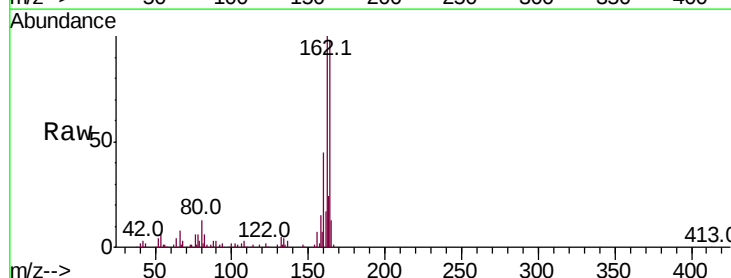
Ion Ratio Lower Upper

165 100

63 0.0 40.0 60.0#

89 2.7 64.6 96.8#

182 0.0 2.9 4.3#

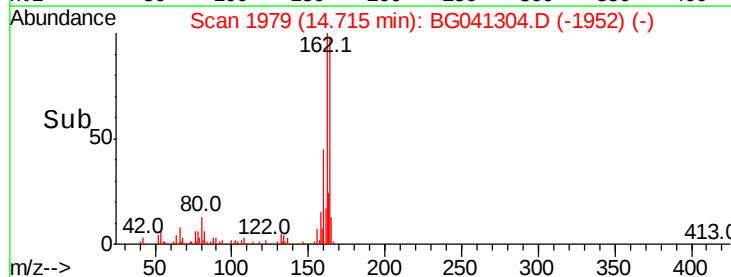
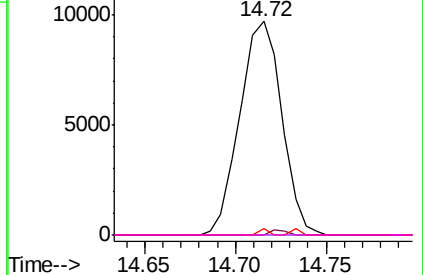


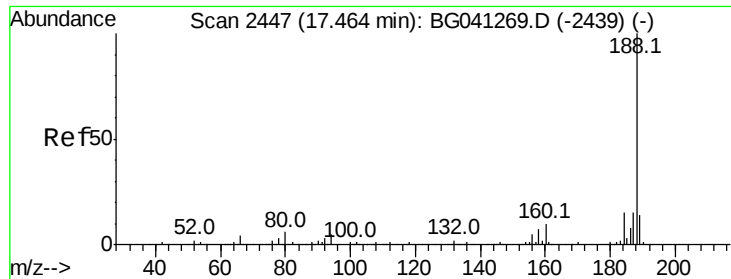
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Instrument :

BNA_G

ClientSampleId :

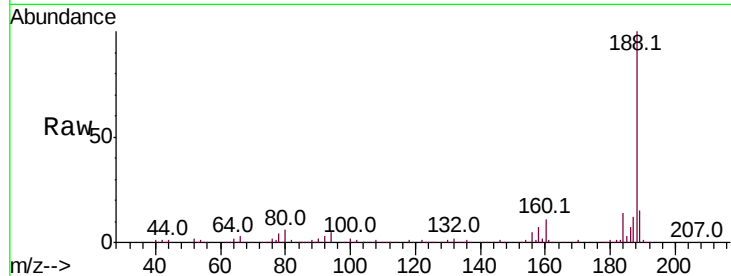
Tot Ion:188 Resp: 277718

Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

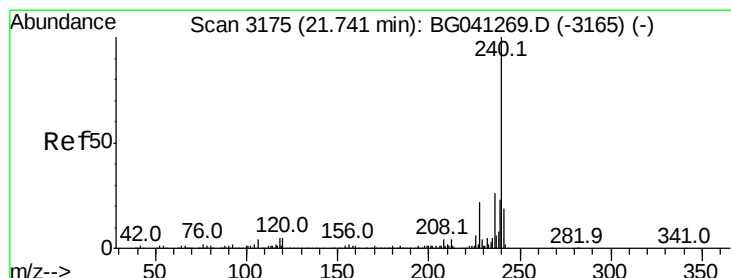
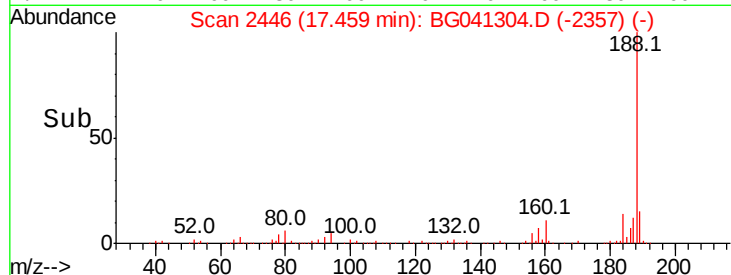
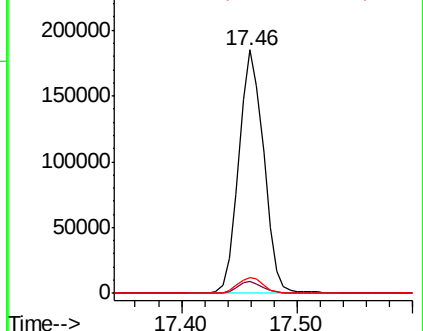
80 6.4 4.8 7.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

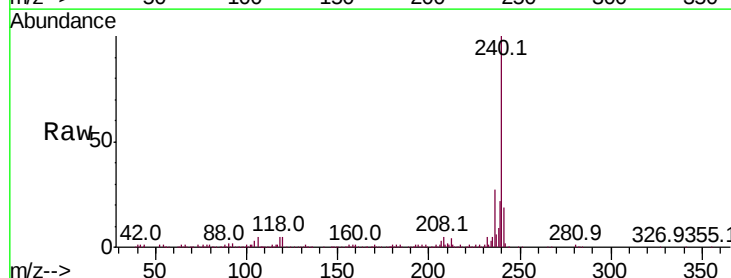
Tgt Ion:240 Resp: 272257

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

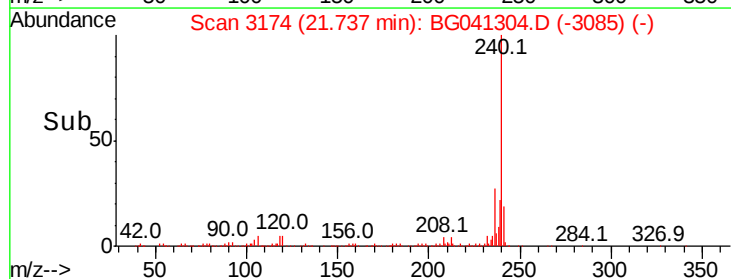
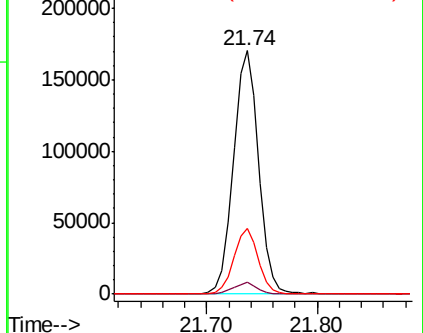
236 27.1 21.1 31.7

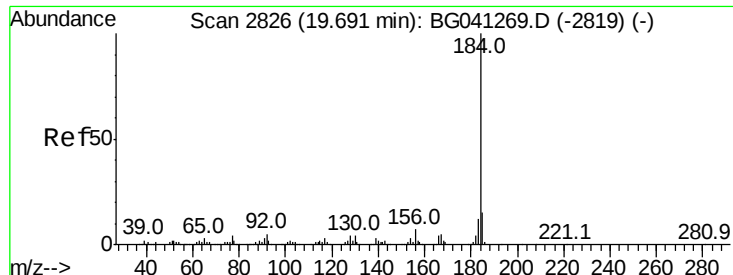


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.009 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

Instrument :

BNA_G

ClientSampleId :

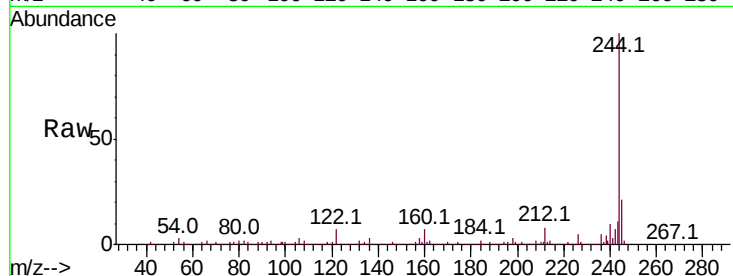
Tot Ion:184 Resp: 13231

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

183 8.6 9.6 14.4#

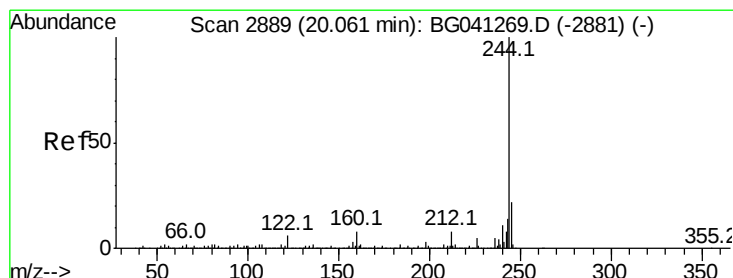
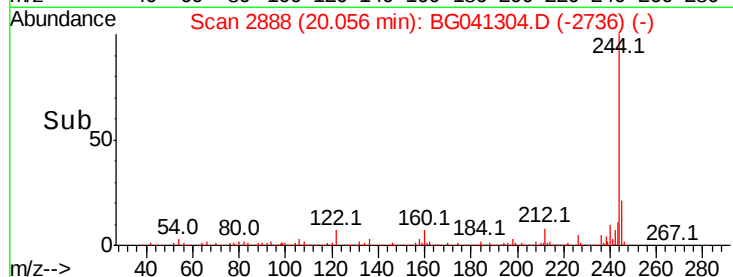
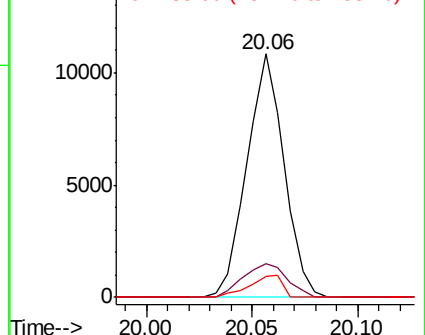


Abundance

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: 57.743 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041304.D

Acq: 18 Jun 2019 19:22

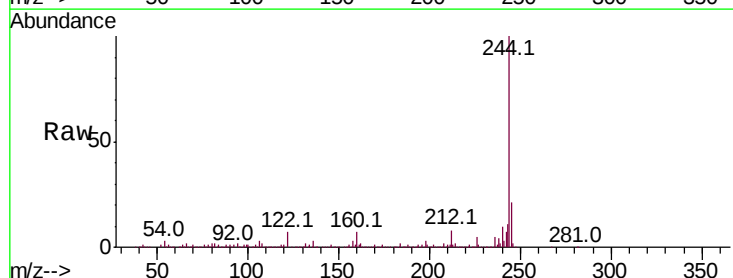
Tgt Ion:244 Resp: 793264

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 6.7 5.0 7.4

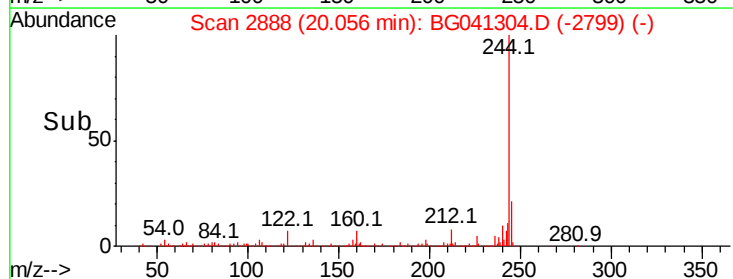
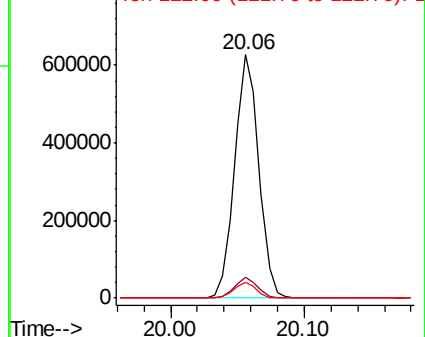


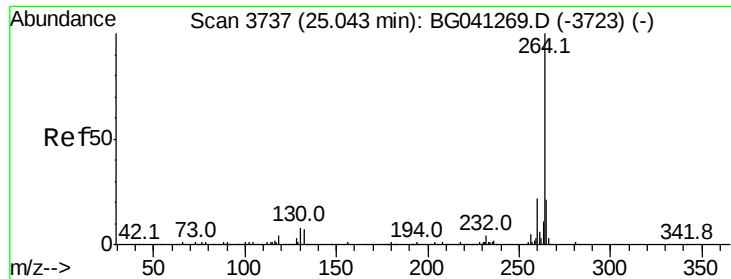
Abundance

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: BG041304.D
Acq: 18 Jun 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.2
265	20.1	17.2	25.8

