

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012219\
 Data File : BG039254.D
 Acq On : 22 Jan 2019 17:05
 Operator : JU/SJ
 Sample : K1200-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-1

Quant Time: Jan 22 23:42:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

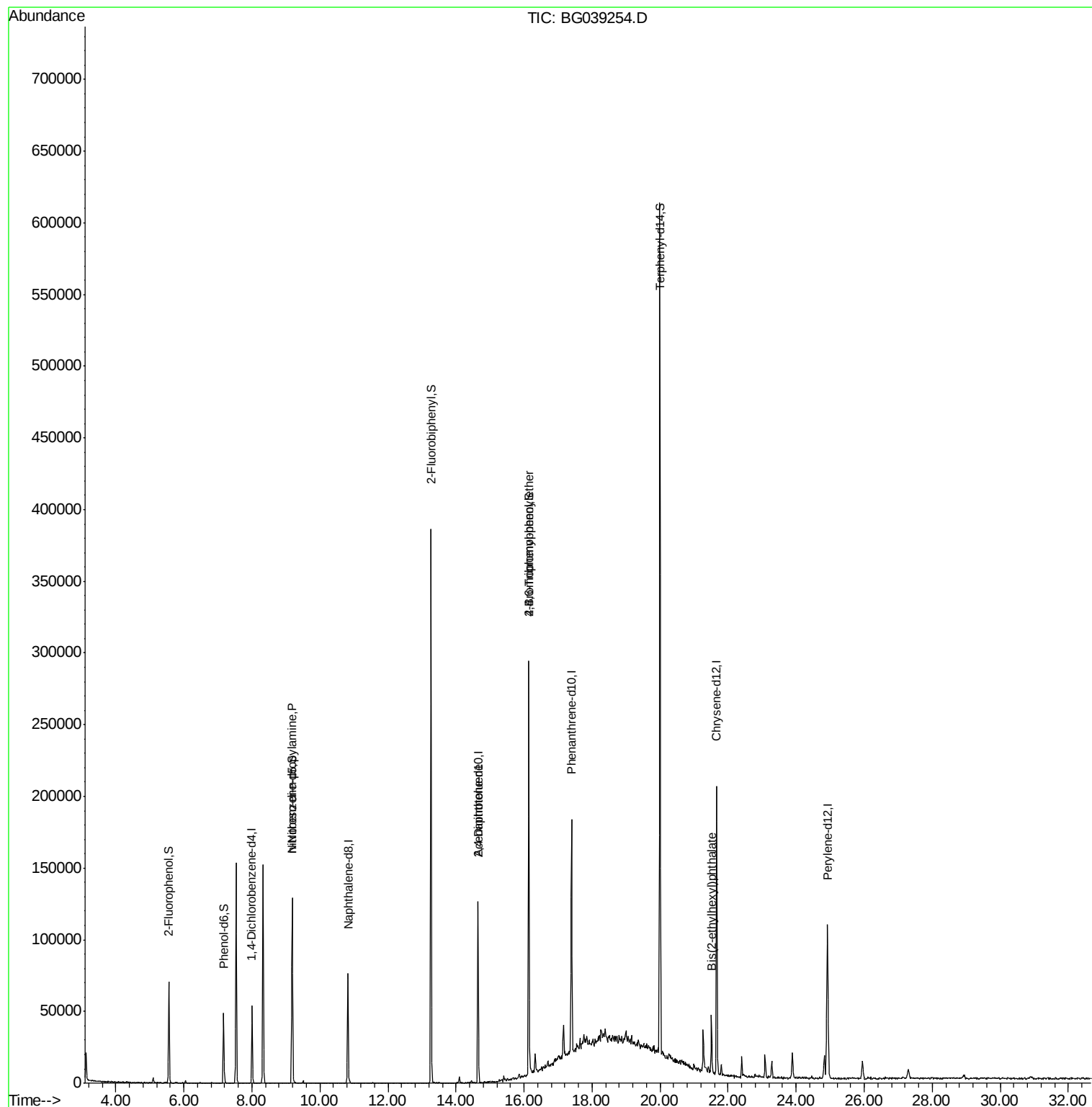
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17028	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	69337	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	47394	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	106269	20.00	ng	0.00
76) Chrysene-d12	21.66	240	124366	20.00	ng	-0.02
87) Perylene-d12	24.92	264	132689	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	33856	37.72	ng	0.00
7) Phenol-d6	7.16	99	30848	23.88	ng	-0.01
23) Nitrobenzene-d5	9.18	82	78267	61.77	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	64234	80.85	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	215433	62.21	ng	0.00
79) Terphenyl-d14	19.99	244	303564	45.15	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	10449	12.318	ng	# 66
57) 2,4-Dinitrotoluene	14.65	165	6284	4.892	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	4131	3.024	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.51	149	17826	4.259	ng	92

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

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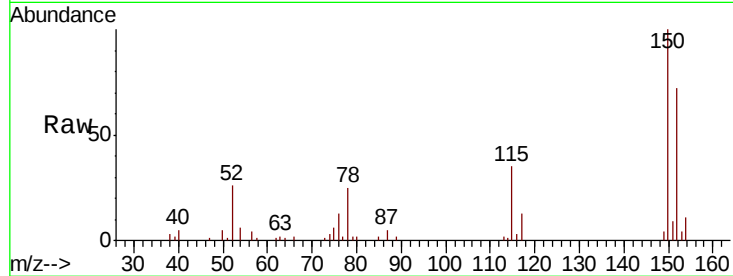


#1

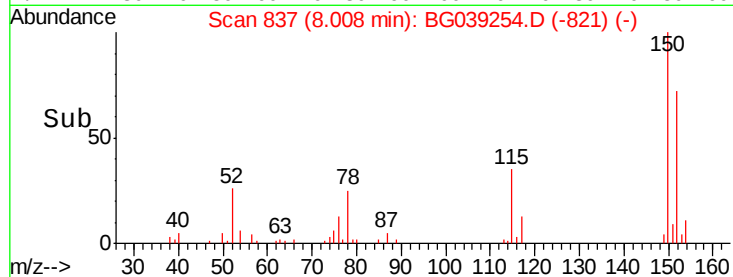
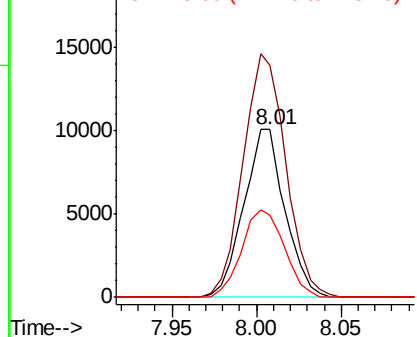
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039254.D
Acq: 22 Jan 2019 17:05

Instrument :
BNA_G
ClientSampleId :
WS-1

Tgt Ion:152 Resp: 17028
Ion Ratio Lower Upper
152 100
150 138.6 124.7 187.1
115 49.1 46.5 69.7



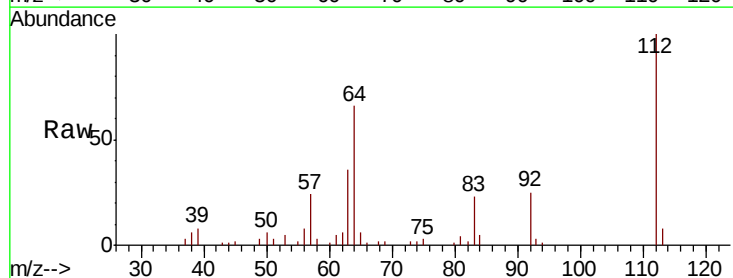
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



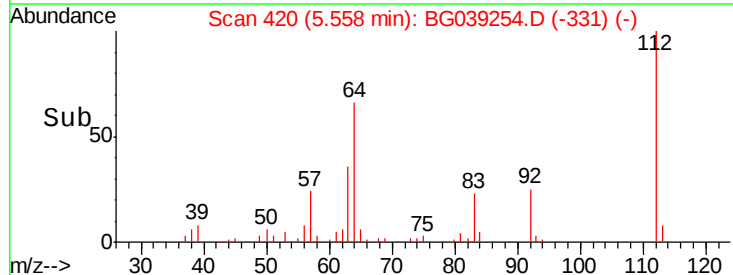
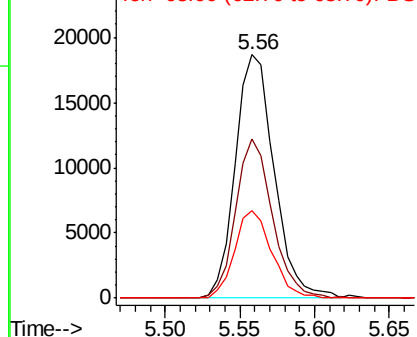
#5

2-Fluorophenol
Concen: 37.717 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039254.D
Acq: 22 Jan 2019 17:05

Tgt Ion:112 Resp: 33856
Ion Ratio Lower Upper
112 100
64 65.6 47.0 70.6
63 36.0 28.0 42.0



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: 23.880 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039254.D

Acq: 22 Jan 2019 17:05

Instrument :

BNA_G

ClientSampleId :

WS-1

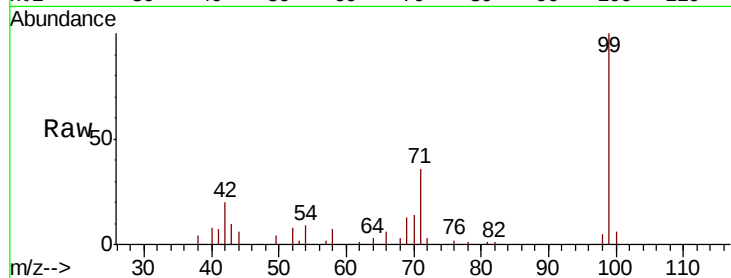
Tgt Ion: 99 Resp: 30848

Ion Ratio Lower Upper

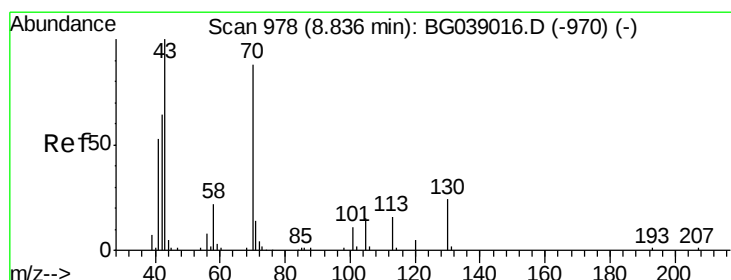
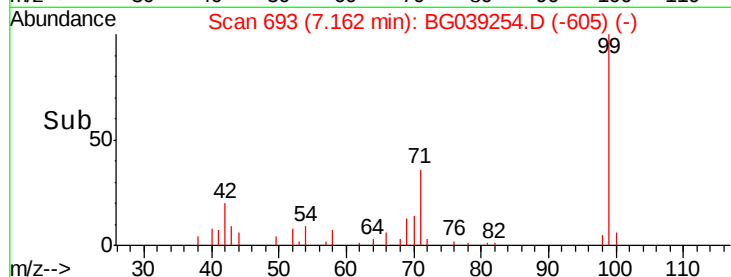
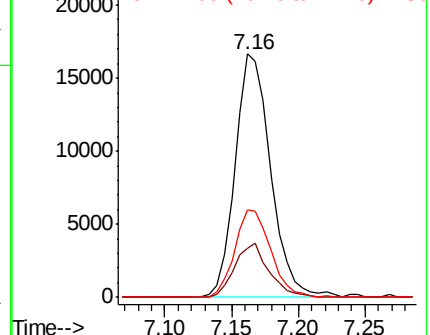
99 100

42 20.1 15.8 23.6

71 36.1 30.2 45.4



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: 12.318 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.36 min

Lab File: BG039254.D

Acq: 22 Jan 2019 17:05

Tgt Ion: 70 Resp: 10449

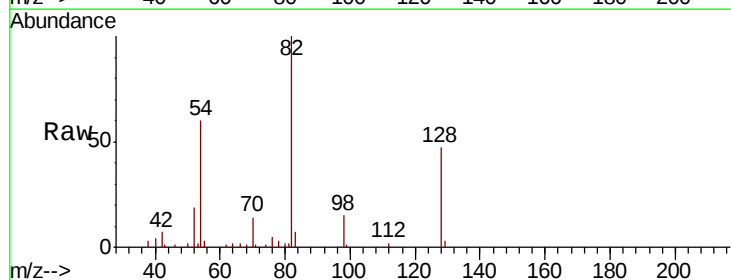
Ion Ratio Lower Upper

70 100

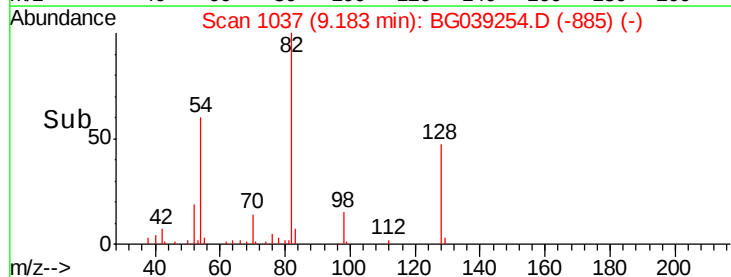
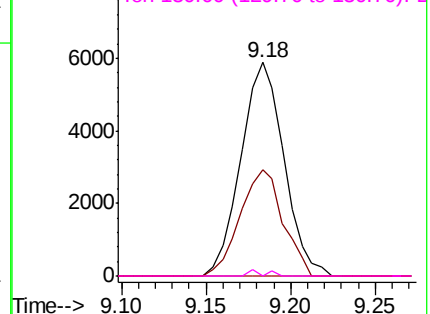
42 50.0 59.0 88.4#

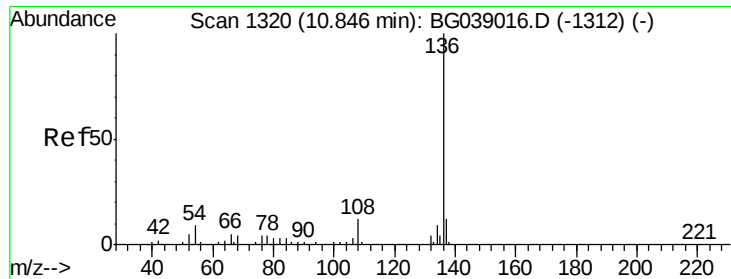
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



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

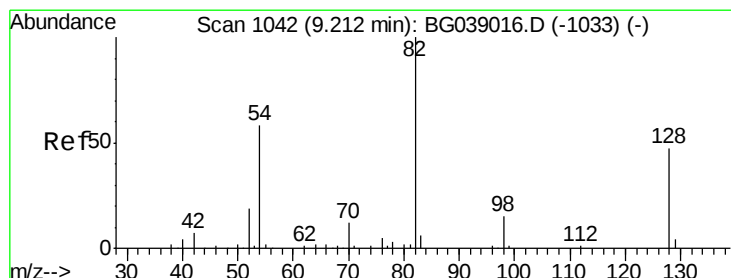
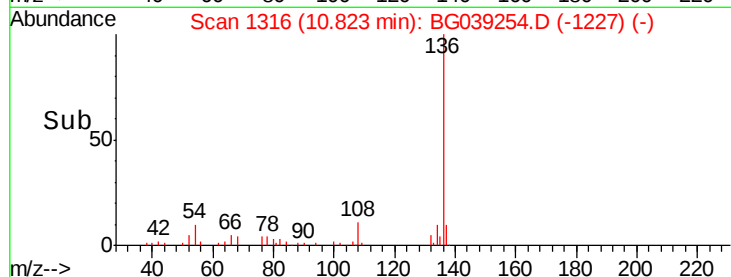
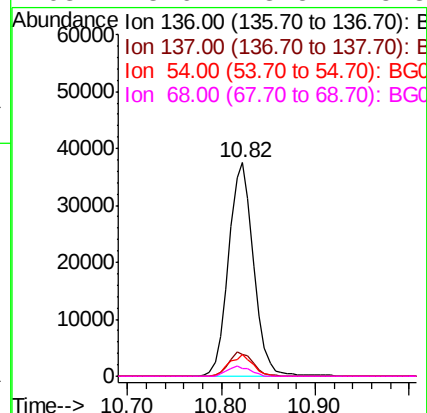
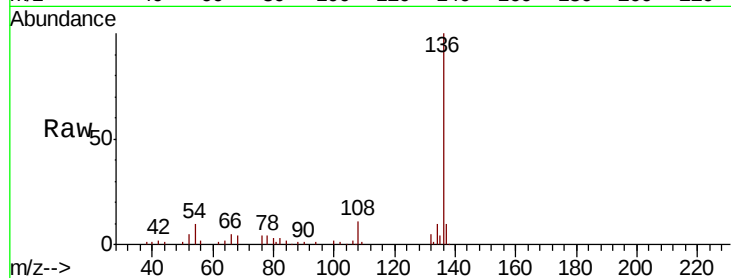




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039254.D
Acq: 22 Jan 2019 17:05

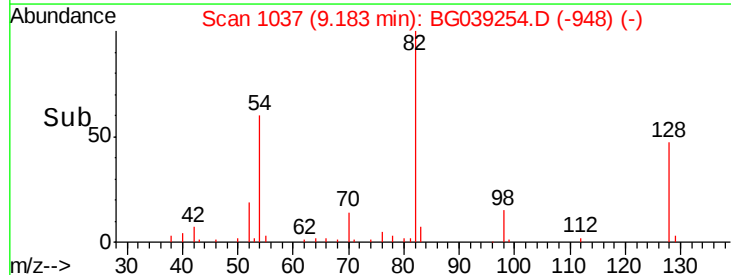
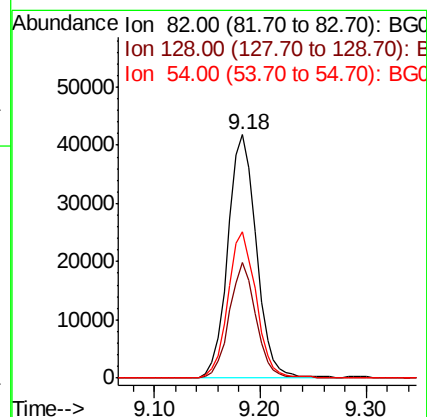
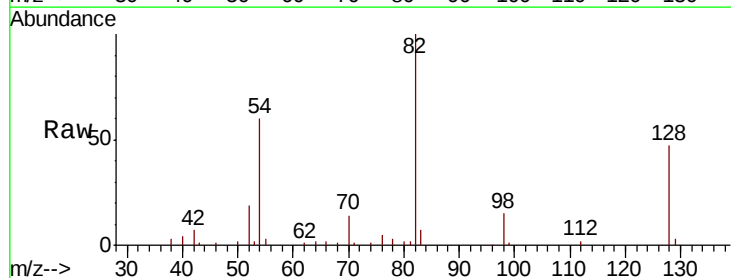
Instrument :
BNA_G
ClientSampleId :
WS-1

Tgt Ion:	136	Resp:	69337
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.4	14.2
54	10.4	7.2	10.8
68	3.6	3.5	5.3



#23
Nitrobenzene-d5
Concen: 61.767 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039254.D
Acq: 22 Jan 2019 17:05

Tgt Ion:	82	Resp:	78267
Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.3	55.9
54	60.1	46.4	69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039254.D

Acq: 22 Jan 2019 17:05

Instrument :

BNA_G

ClientSampleId :

WS-1

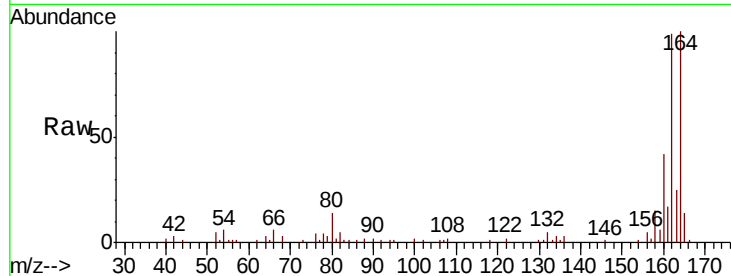
Tgt Ion:164 Resp: 47394

Ion Ratio Lower Upper

164 100

162 99.2 87.2 130.8

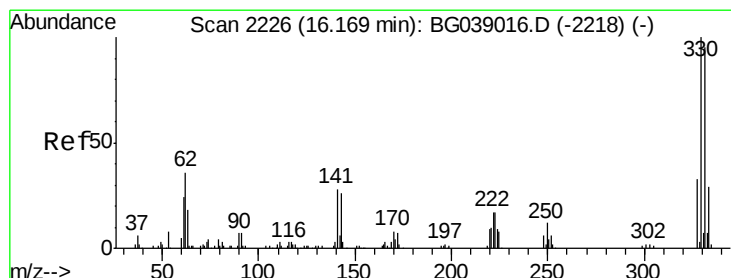
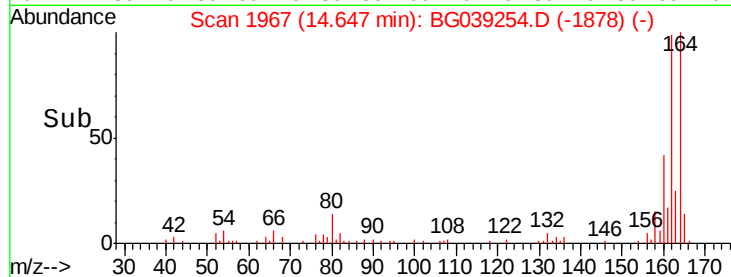
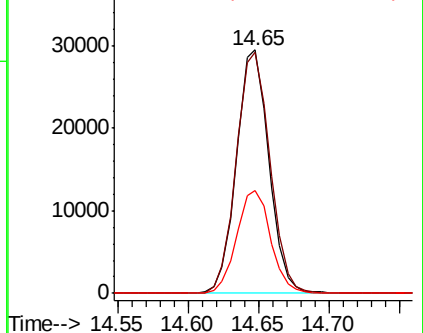
160 42.0 33.3 49.9



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: 80.853 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039254.D

Acq: 22 Jan 2019 17:05

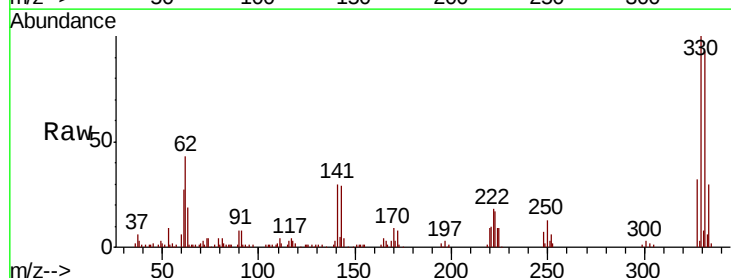
Tgt Ion:330 Resp: 64234

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

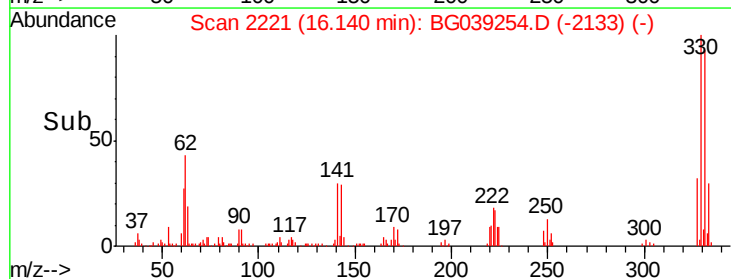
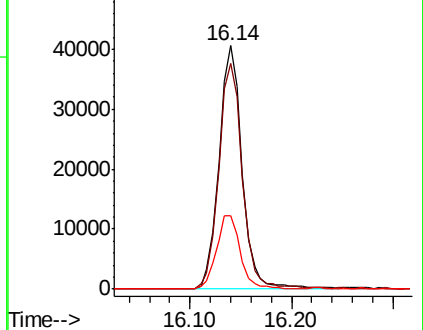
141 31.5 24.9 37.3



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

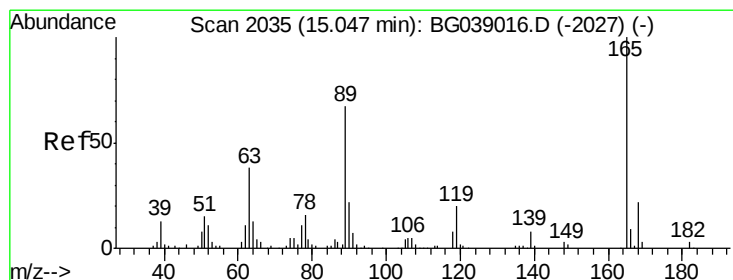
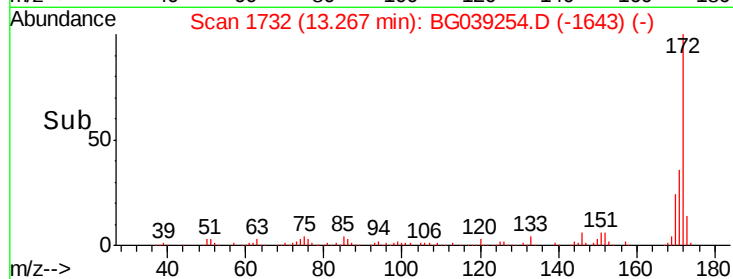
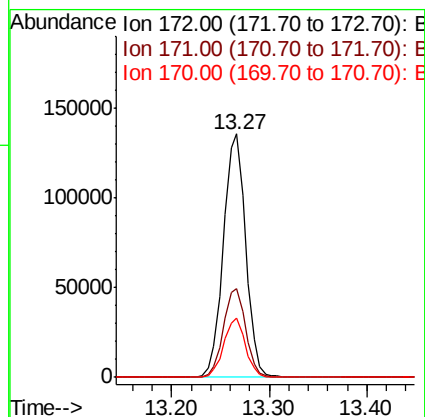
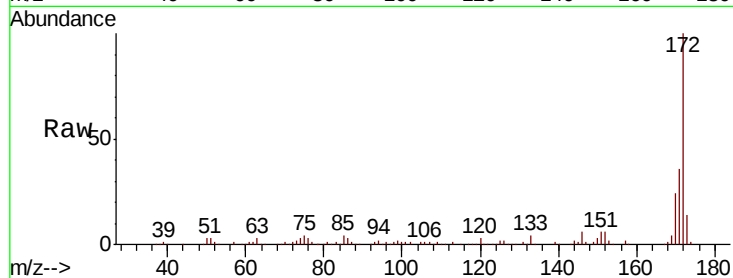




#45
 2-Fluorobiphenyl
 Concen: 62.209 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039254.D
 Acq: 22 Jan 2019 17:05

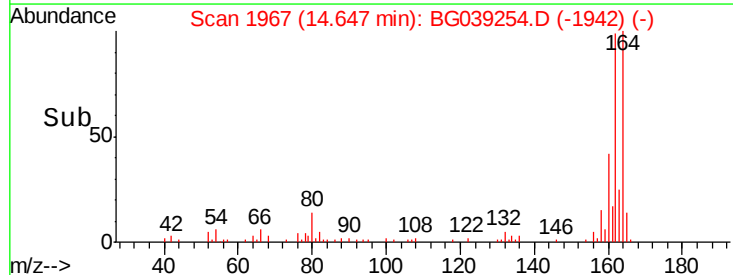
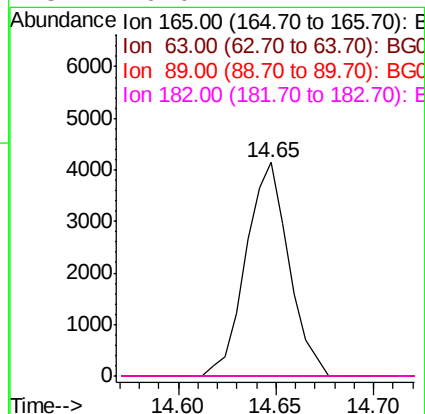
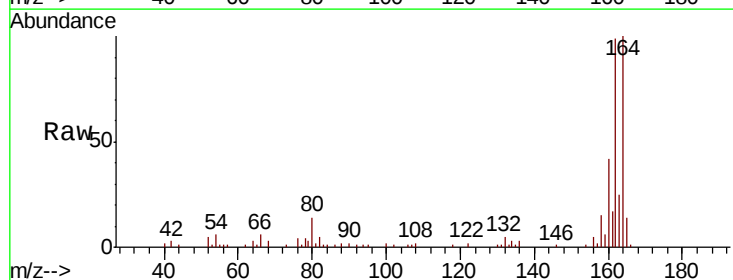
Instrument :
 BNA_G
 ClientSampleId :
 WS-1

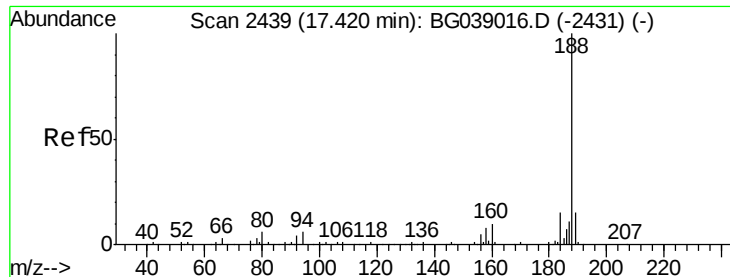
Tgt Ion:172 Resp: 215433
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 20.1 30.1



#57
 2,4-Dinitrotoluene
 Concen: 4.892 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.38 min
 Lab File: BG039254.D
 Acq: 22 Jan 2019 17:05

Tgt Ion:165 Resp: 6284
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#

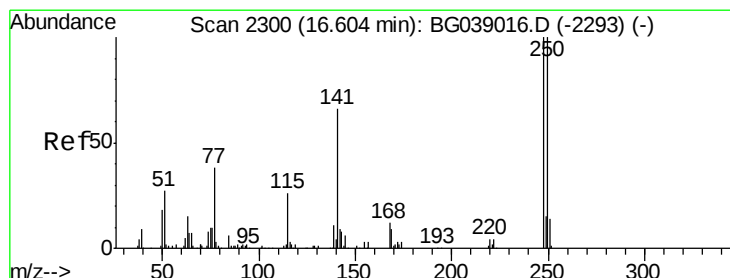
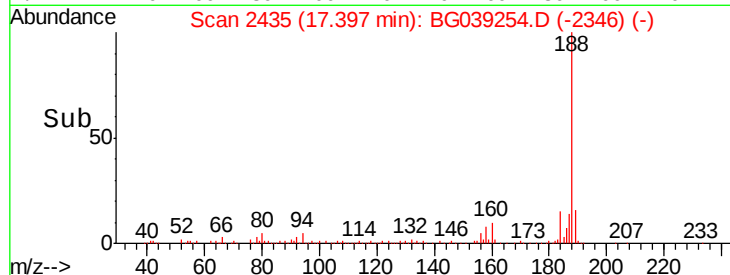
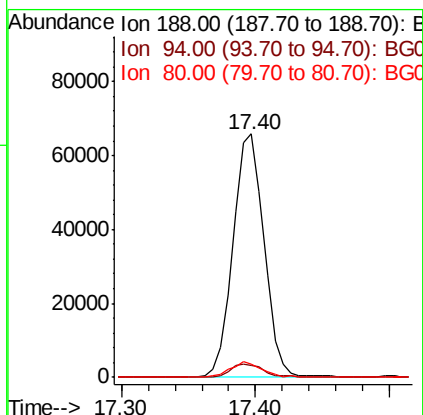
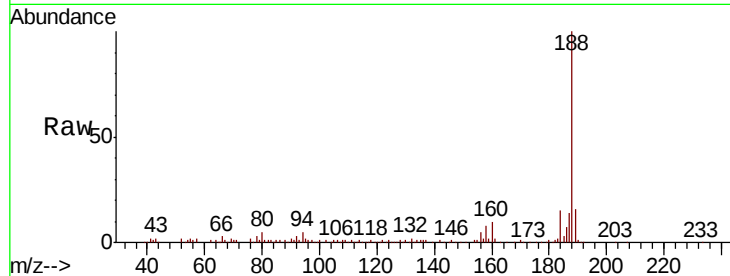




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039254.D
 Acq: 22 Jan 2019 17:05

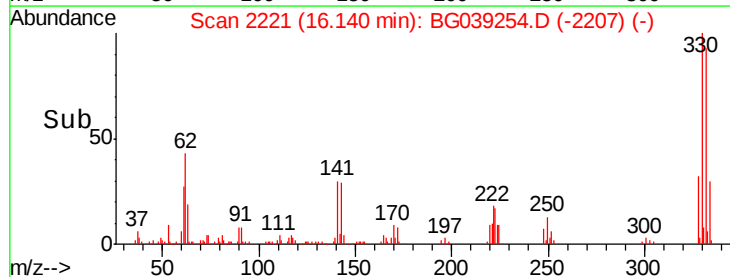
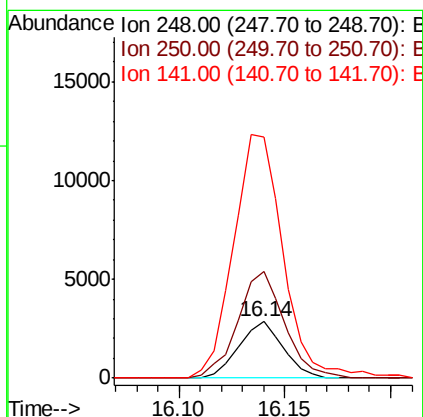
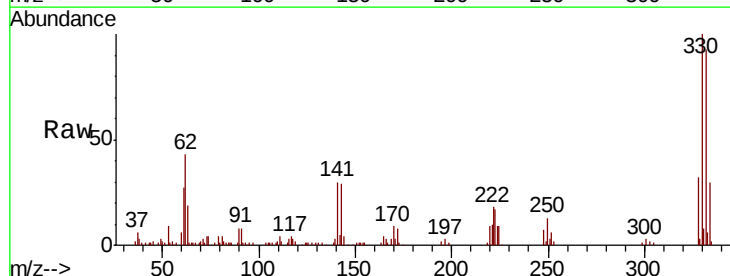
Instrument :
 BNA_G
 ClientSampleId :
 WS-1

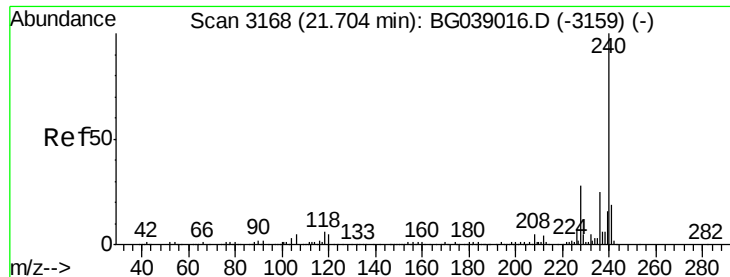
Tgt Ion:188 Resp: 106269
 Ion Ratio Lower Upper
 188 100
 94 5.0 5.0 7.4
 80 5.5 4.7 7.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.024 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG039254.D
 Acq: 22 Jan 2019 17:05

Tgt Ion:248 Resp: 4131
 Ion Ratio Lower Upper
 248 100
 250 152.1 79.9 119.9#
 141 344.6 52.7 79.1#

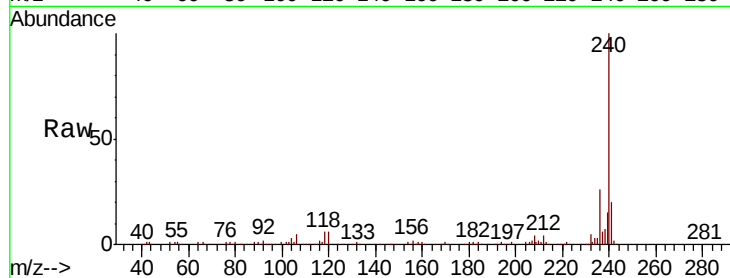




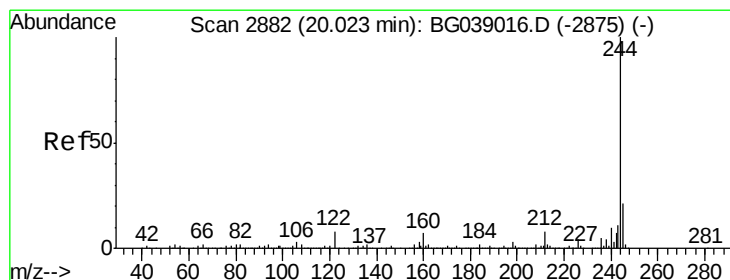
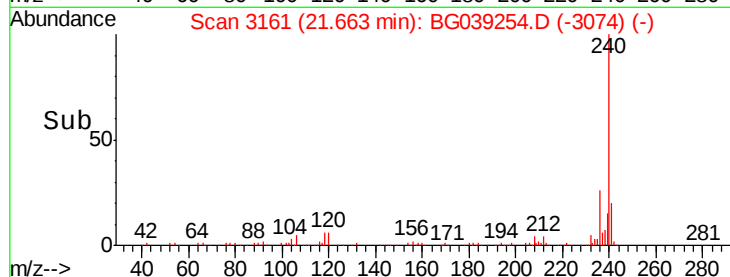
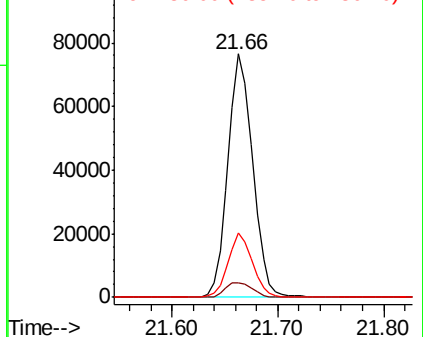
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.02 min
 Lab File: BG039254.D
 Acq: 22 Jan 2019 17:05

Instrument :
 BNA_G
 ClientSampled :
 WS-1

Tgt Ion:240 Resp: 124366
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.3 6.5
 236 26.3 20.1 30.1

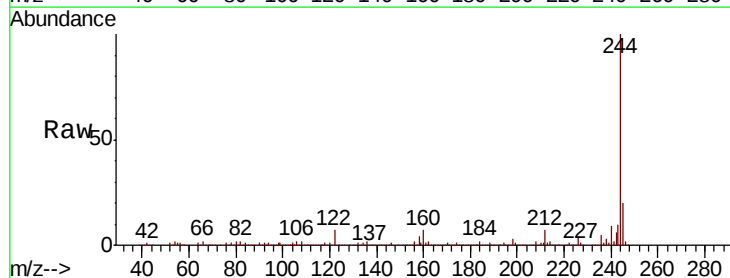


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

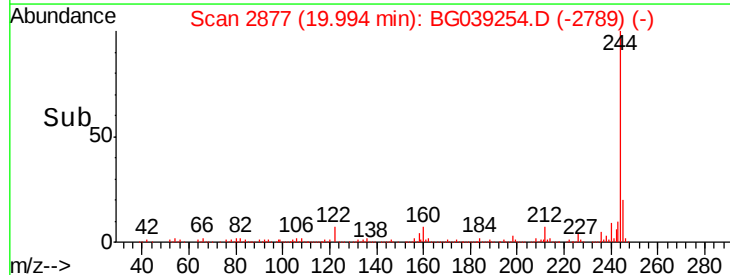
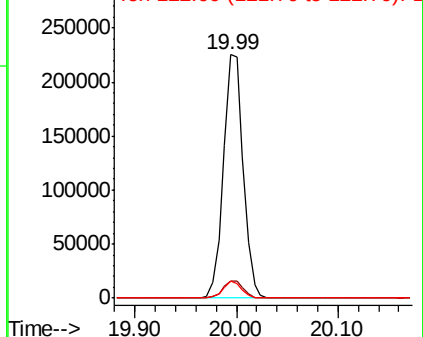


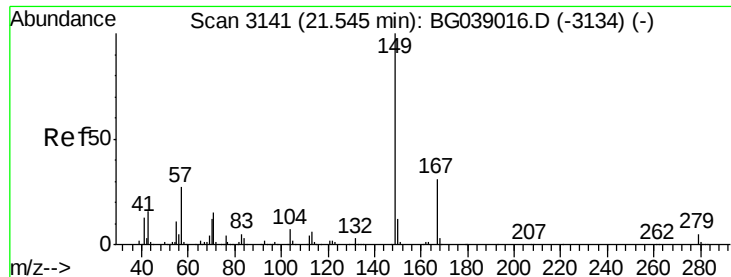
#79
 Terphenyl-d14
 Concen: 45.154 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG039254.D
 Acq: 22 Jan 2019 17:05

Tgt Ion:244 Resp: 303564
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.9 6.1 9.1



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.259 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.02 min

Lab File: BG039254.D

Acq: 22 Jan 2019 17:05

Instrument :

BNA_G

ClientSampleId :

WS-1

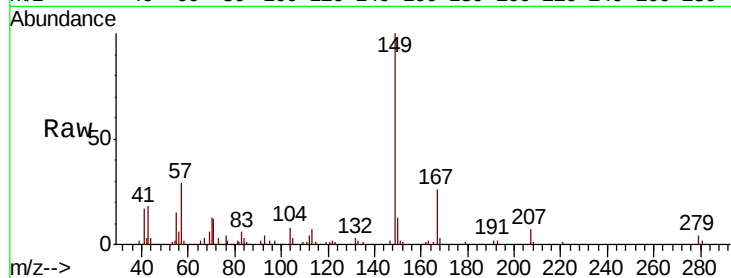
Tgt Ion:149 Resp: 17826

Ion Ratio Lower Upper

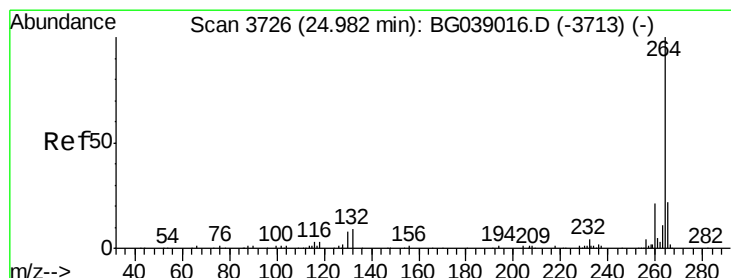
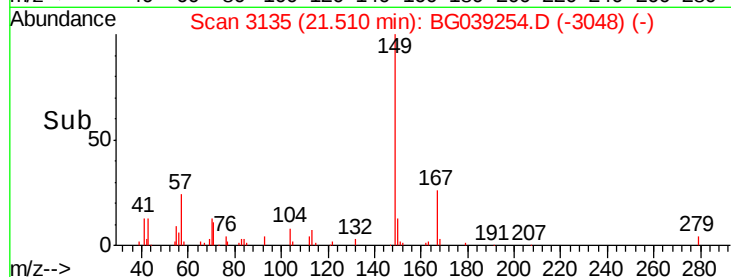
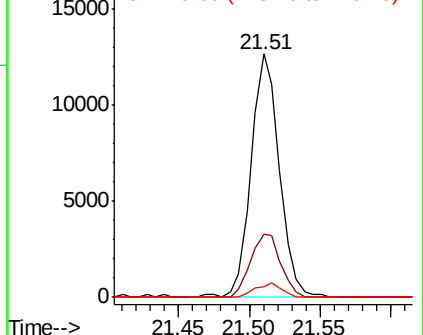
149 100

167 26.0 25.0 37.4

279 4.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG039254.D

Acq: 22 Jan 2019 17:05

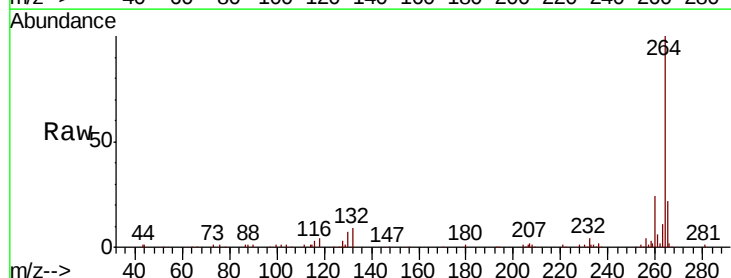
Tgt Ion:264 Resp: 132689

Ion Ratio Lower Upper

264 100

260 24.1 17.0 25.6

265 22.2 17.2 25.8



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

