

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039187.D
 Acq On : 17 Jan 2019 15:25
 Operator : JU/SJ
 Sample : PB116414BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BL

Quant Time: Jan 18 04:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

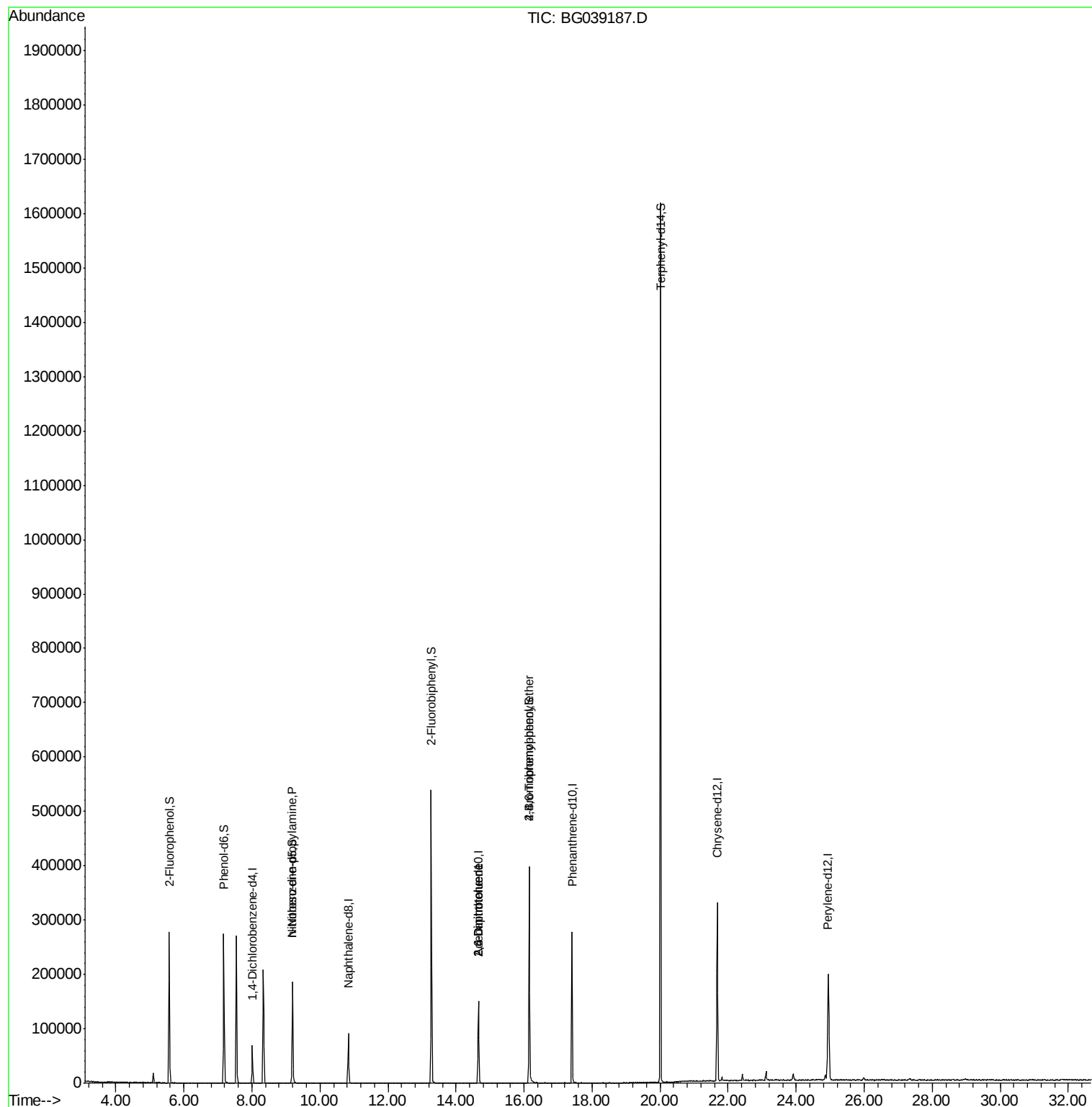
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	21022	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	90193	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	57801	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	195408	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	210415	20.00	ng	-0.02
87) Perylene-d12	24.94	264	235172	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	127516	115.07	ng	-0.01
7) Phenol-d6	7.17	99	160875	100.87	ng	-0.02
23) Nitrobenzene-d5	9.19	82	109479	66.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	94953	98.00	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	315942	74.81	ng	-0.01
79) Terphenyl-d14	20.01	244	763234	67.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	13995	13.363	ng	# 71
51) 2,6-Dinitrotoluene	14.66	165	7514	6.881	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7514	4.796	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	5866	2.335	ng	# 1

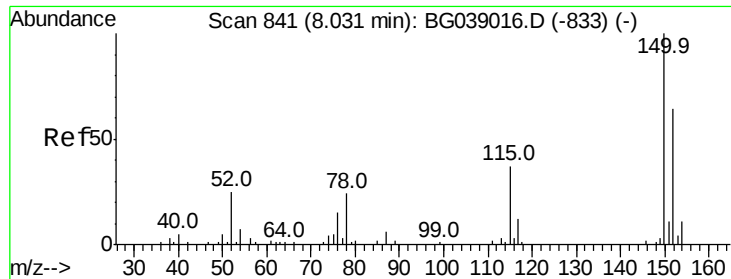
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.02 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB116414BL

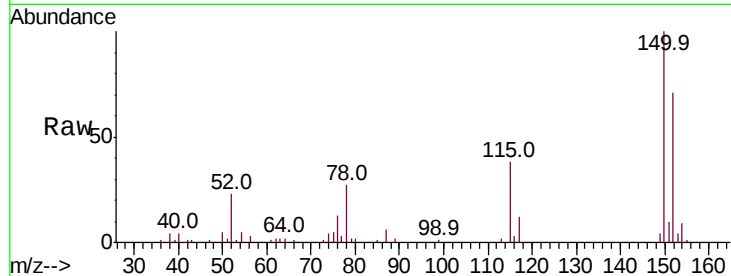
Tot Ion:152 Resp: 21022

Ion Ratio Lower Upper

152 100

150 141.2 124.7 187.1

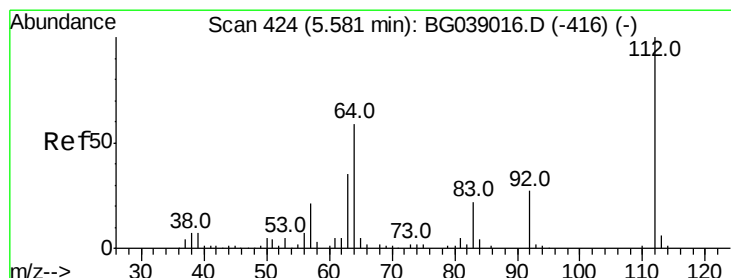
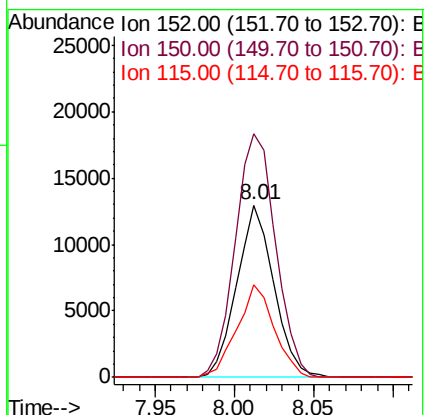
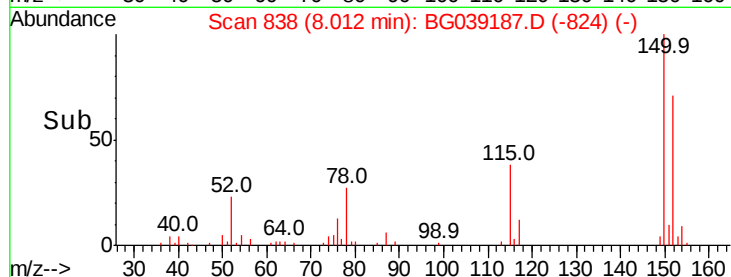
115 53.7 46.5 69.7



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: 115.068 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

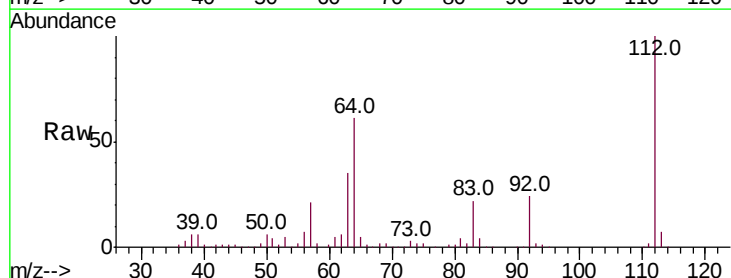
Tgt Ion:112 Resp: 127516

Ion Ratio Lower Upper

112 100

64 61.0 47.0 70.6

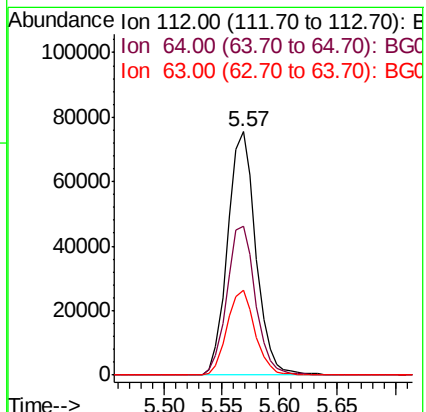
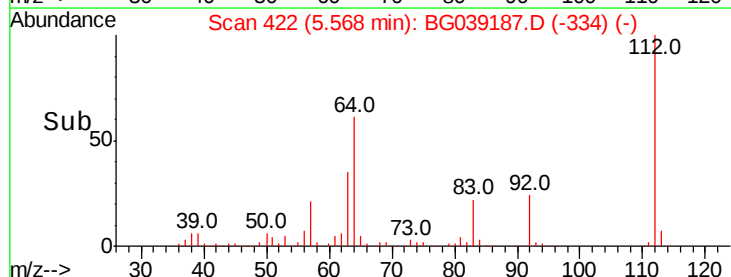
63 34.9 28.0 42.0

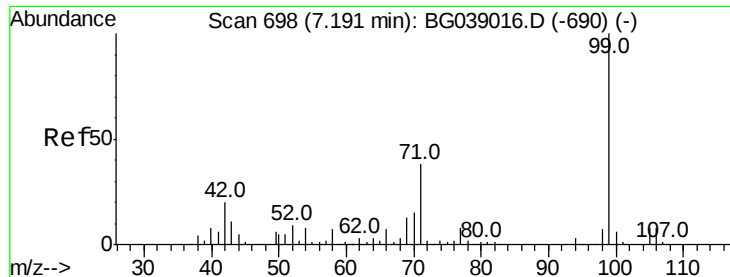


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 100.874 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB116414BL

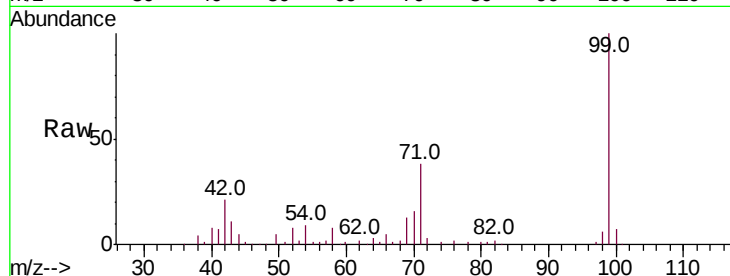
Tot Ion: 99 Resp: 160875

Ion Ratio Lower Upper

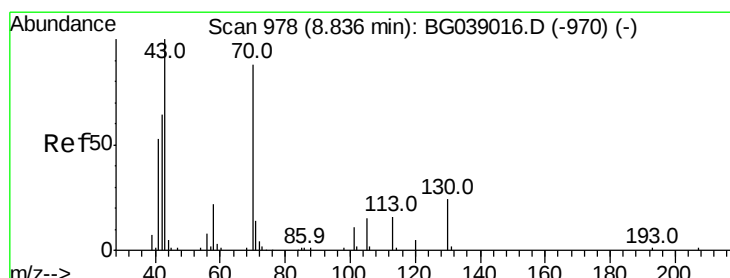
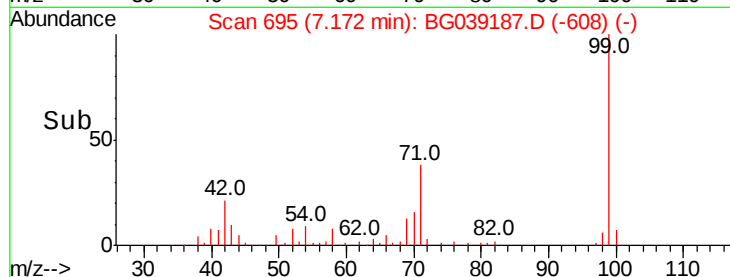
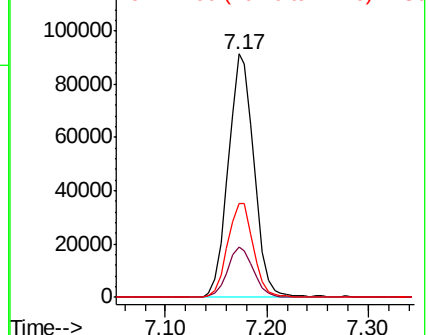
99 100

42 20.6 15.8 23.6

71 38.4 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: 13.363 ng

RT: 9.19 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

Tgt Ion: 70 Resp: 13995

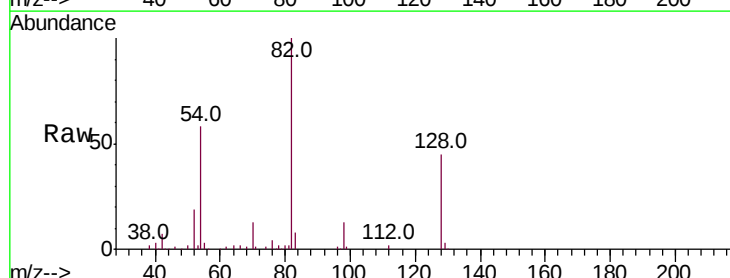
Ion Ratio Lower Upper

70 100

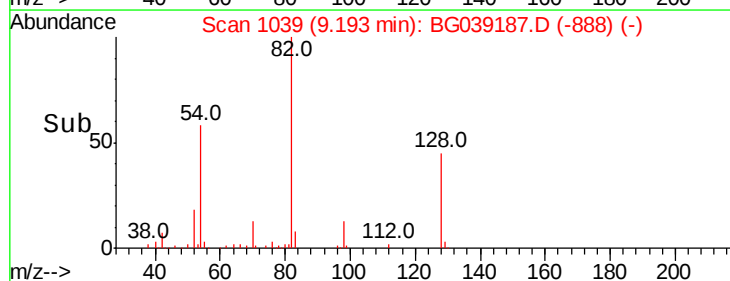
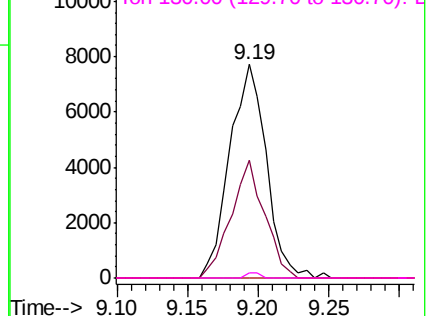
42 55.3 59.0 88.4#

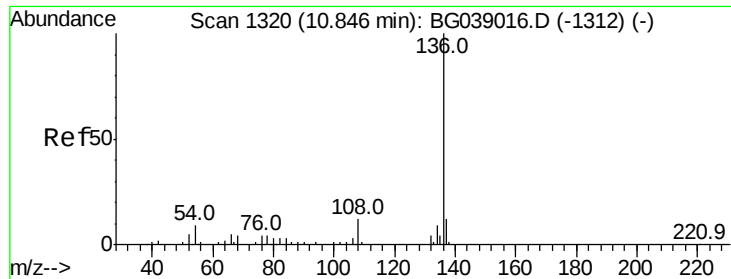
101 0.0 10.4 15.6#

130 2.2 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

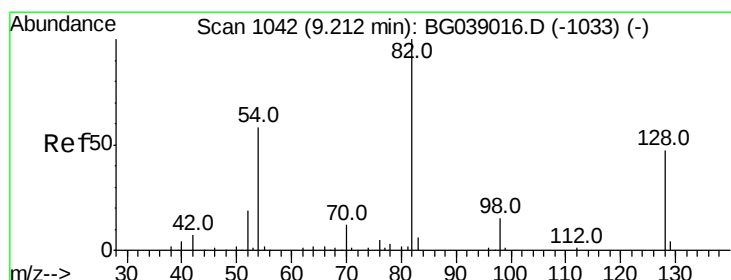
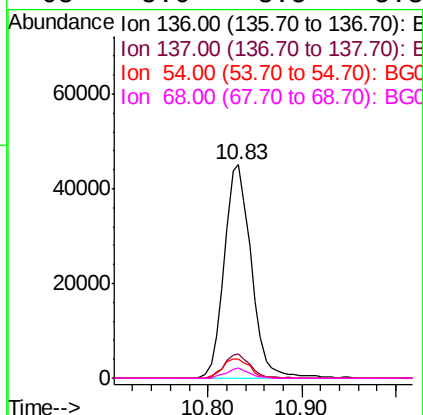
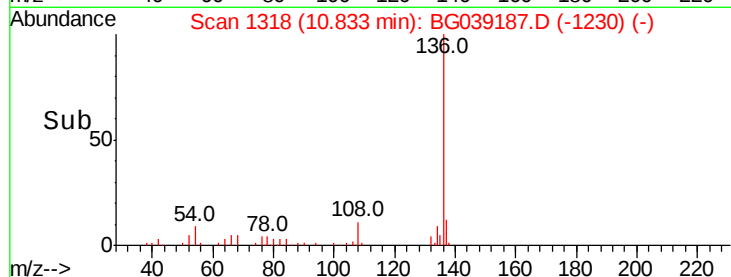
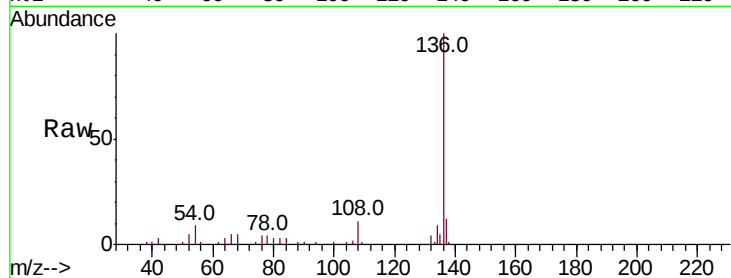




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039187.D
Acq: 17 Jan 2019 15:25

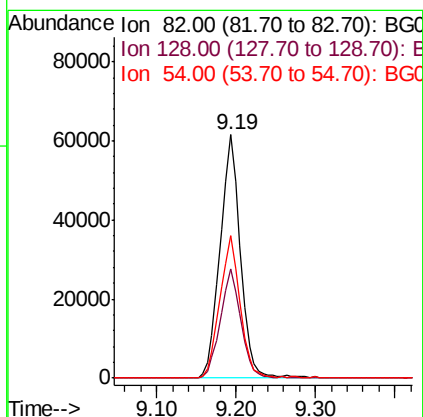
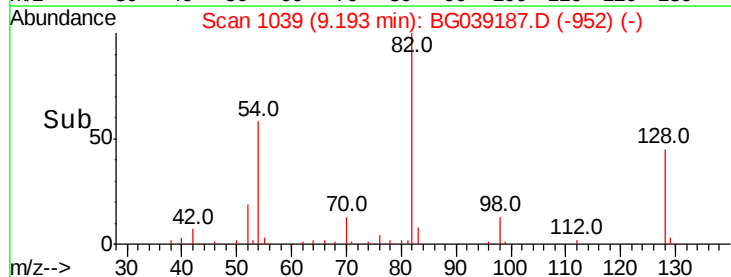
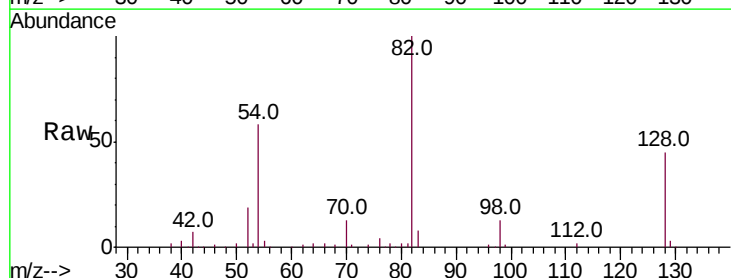
Instrument :
BNA_G
ClientSampleId :
PB116414BL

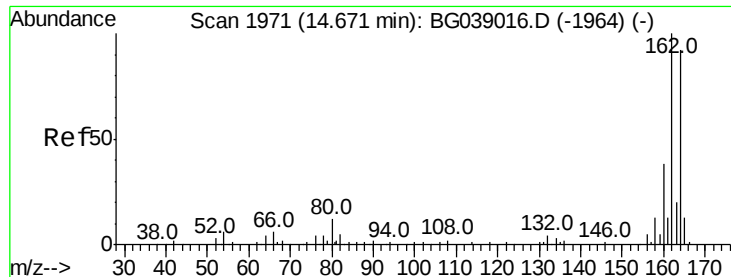
Tot Ion:136	Resp:	90193
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.4	14.2
54 9.2	7.2	10.8
68 5.0	3.5	5.3



#23
Nitrobenzene-d5
Concen: 66.420 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039187.D
Acq: 17 Jan 2019 15:25

Tgt	Ion: 82	Resp:	109479
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.3	55.9
54	58.4	46.4	69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB116414BL

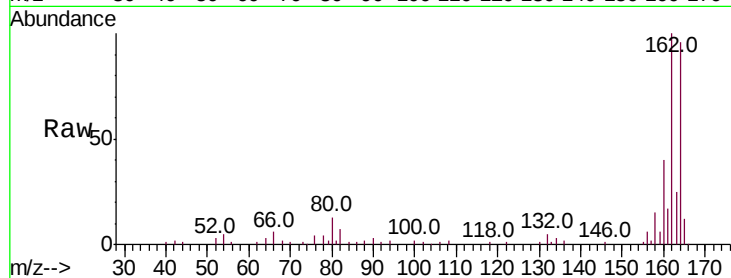
Tot Ion:164 Resp: 57801

Ion Ratio Lower Upper

164 100

162 104.1 87.2 130.8

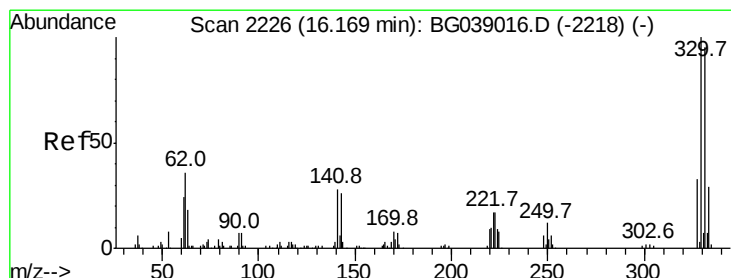
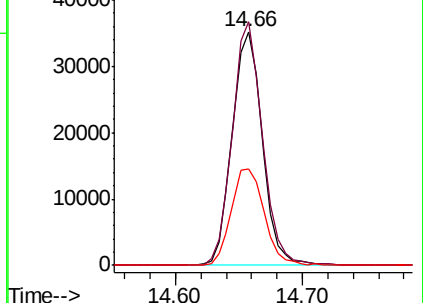
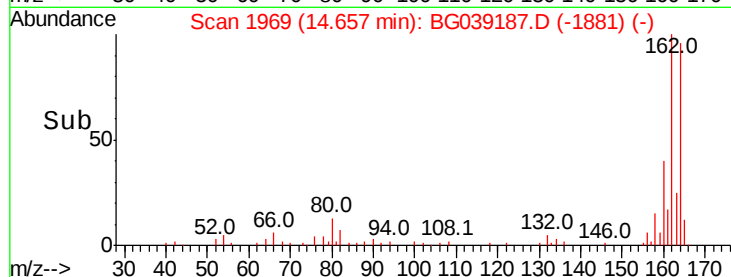
160 41.2 33.3 49.9



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: 98.000 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

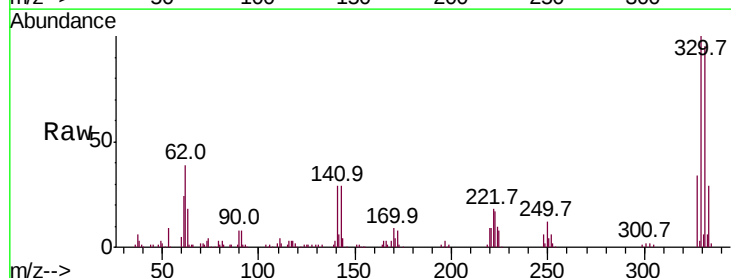
Tgt Ion:330 Resp: 94953

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

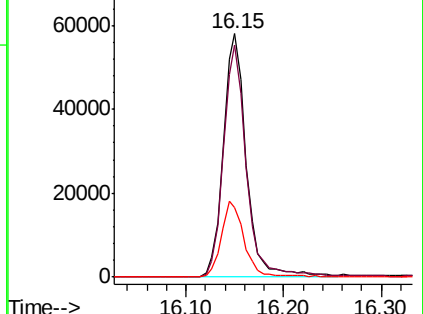
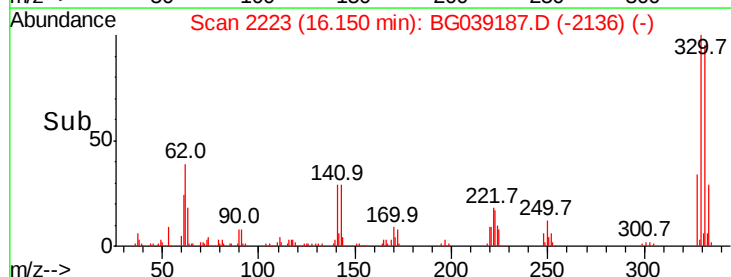
141 30.9 24.9 37.3

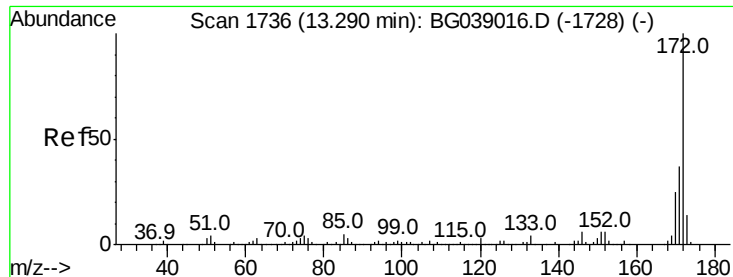


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

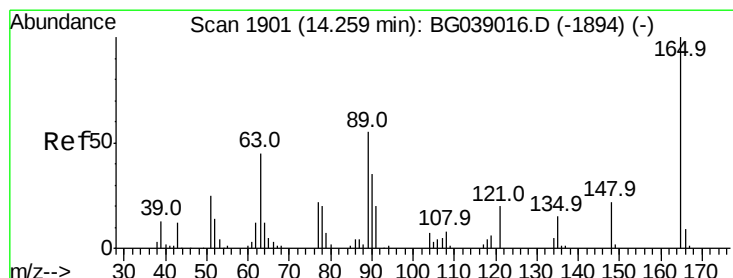
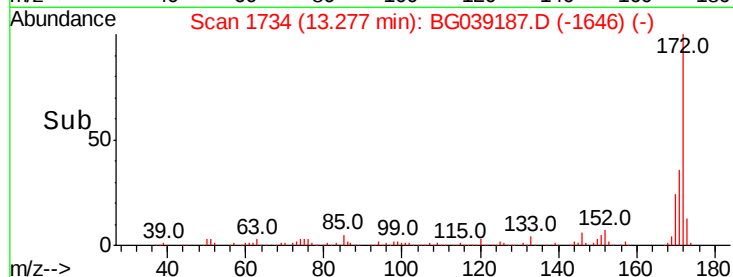
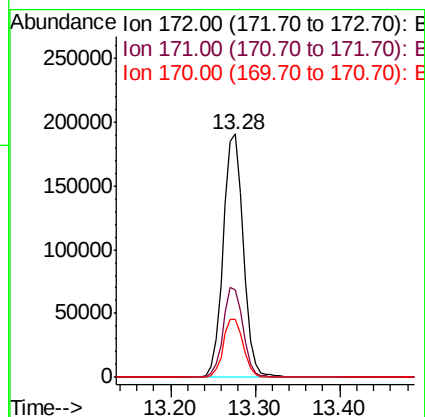
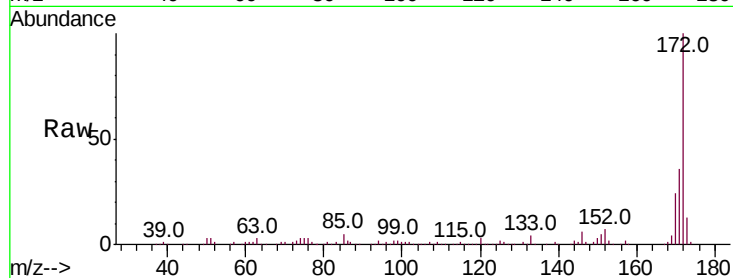




#45
 2-Fluorobiphenyl
 Concen: 74.806 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039187.D
 Acq: 17 Jan 2019 15:25

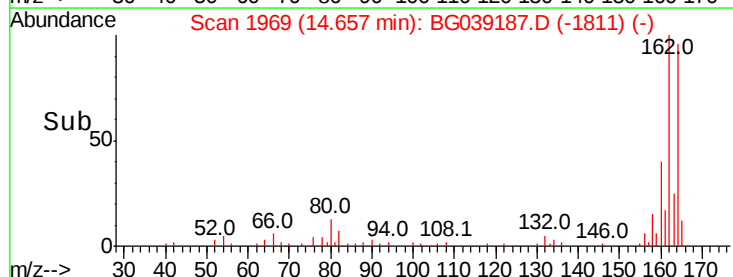
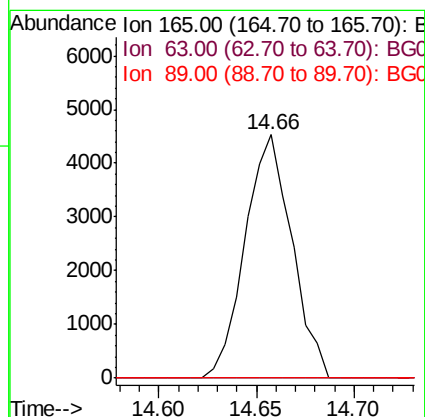
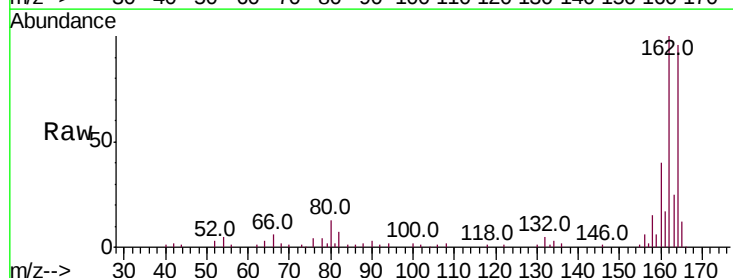
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BL

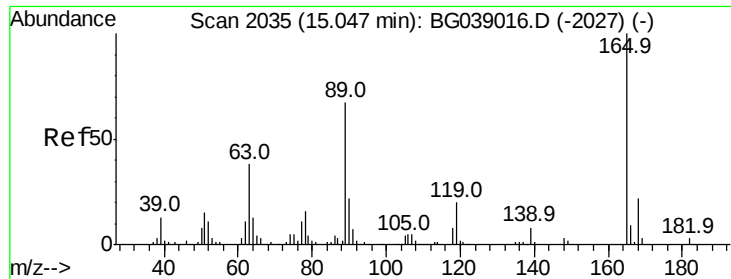
Tot Ion:172 Resp: 315942
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.0 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.881 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039187.D
 Acq: 17 Jan 2019 15:25

Tgt Ion:165 Resp: 7514
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

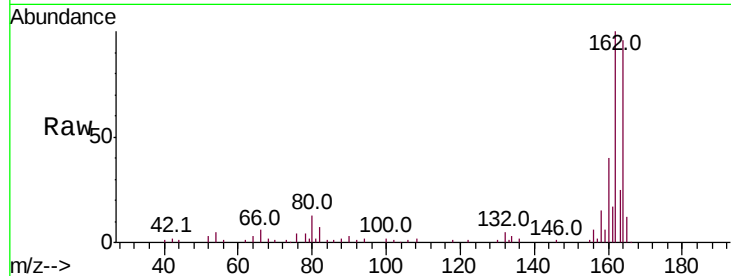




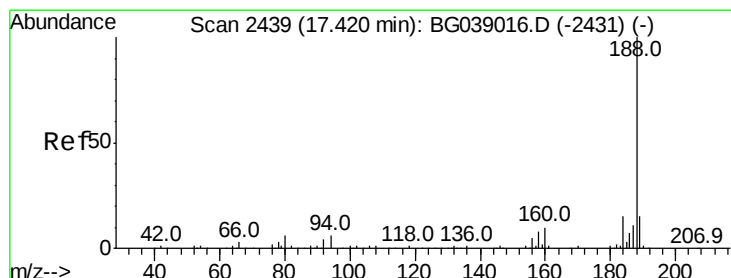
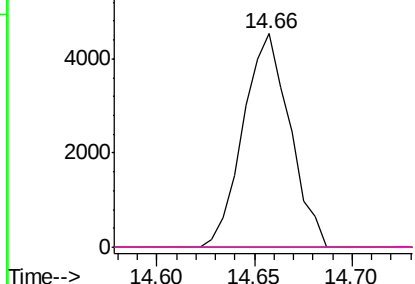
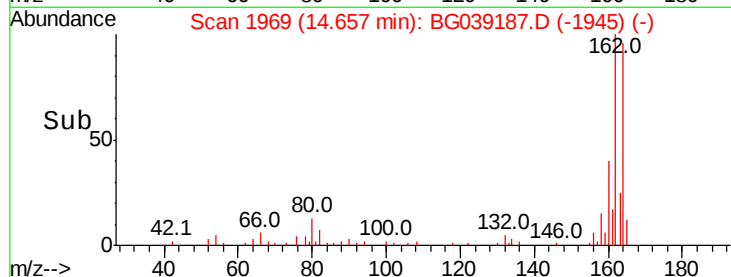
#57
 2,4-Dinitrotoluene
 Concen: 4.796 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039187.D
 Acq: 17 Jan 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BL

Tot Ion:165 Resp: 7514
 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#

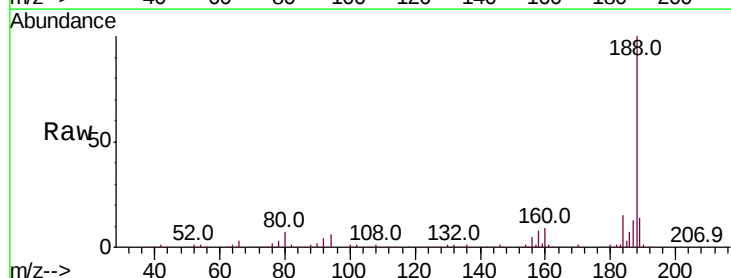


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

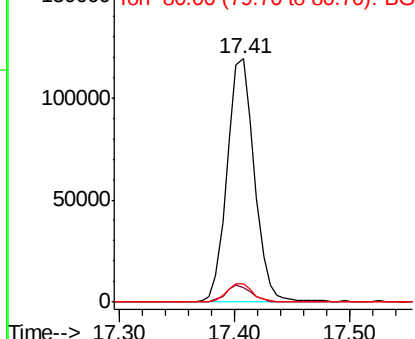
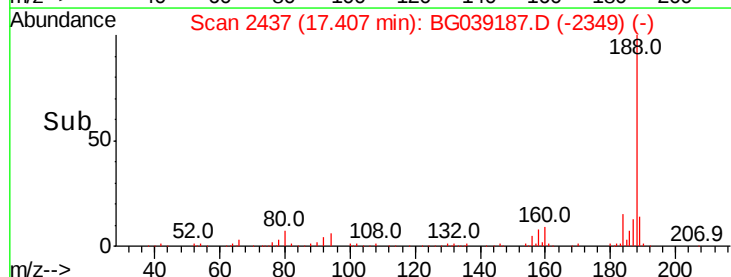


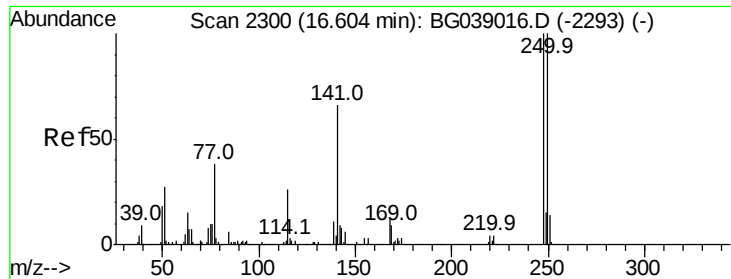
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG039187.D
 Acq: 17 Jan 2019 15:25

Tgt Ion:188 Resp: 195408
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.0 7.4
 80 7.4 4.7 7.1#



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

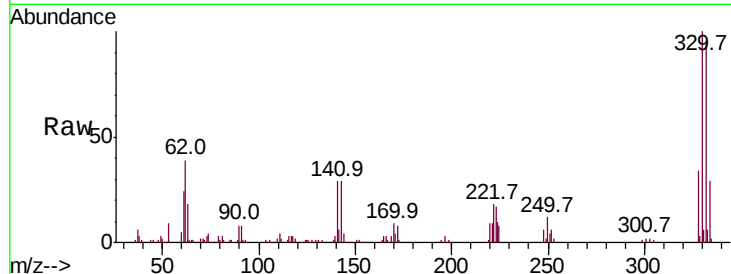




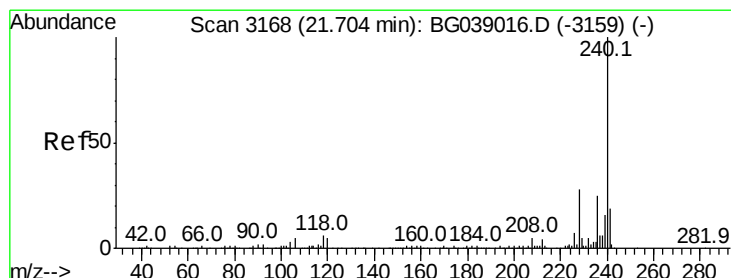
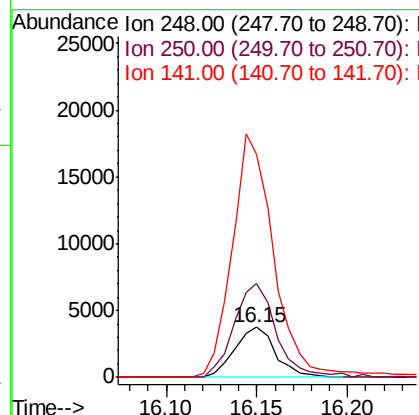
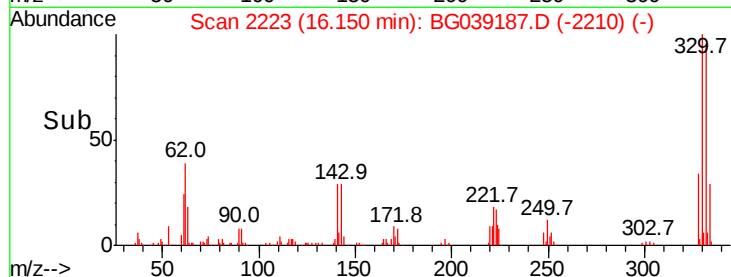
#67
 4-Bromophenyl-phenylether
 Concen: 2.335 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG039187.D
 Acq: 17 Jan 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BL

Tot Ion:248 Resp: 5866
 Ion Ratio Lower Upper
 248 100
 250 177.3 79.9 119.9#
 141 323.4 52.7 79.1#

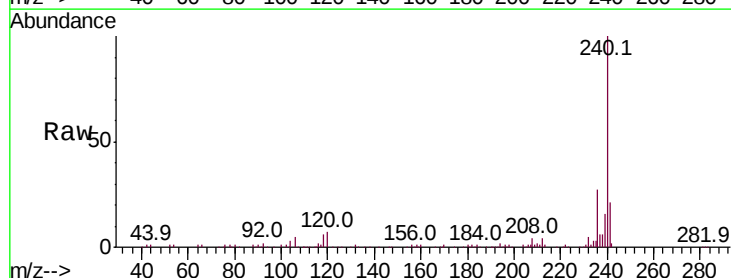


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

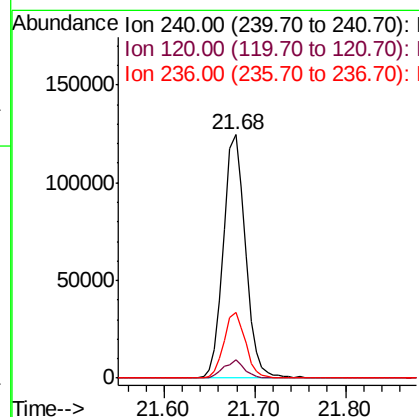
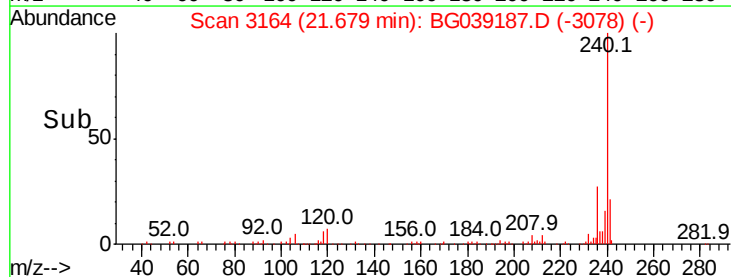


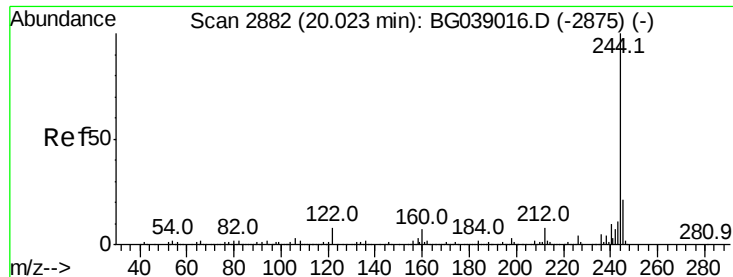
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG039187.D
 Acq: 17 Jan 2019 15:25

Tgt Ion:240 Resp: 210415
 Ion Ratio Lower Upper
 240 100
 120 7.3 4.3 6.5#
 236 26.8 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: 67.101 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB116414BL

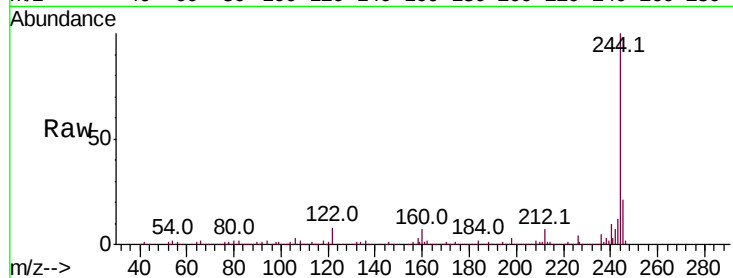
Tot Ion:244 Resp: 763234

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

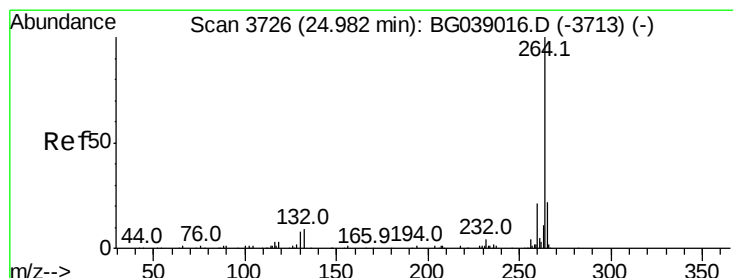
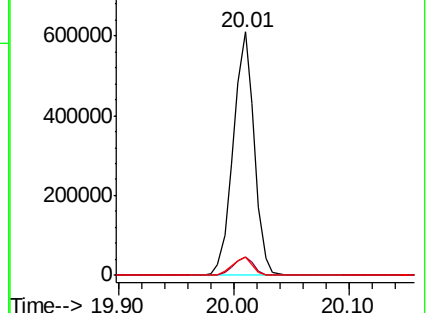
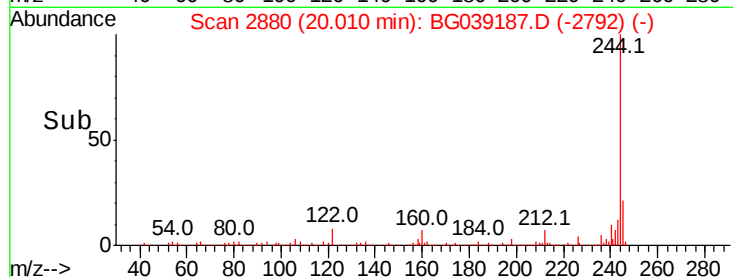
122 7.5 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.04 min

Lab File: BG039187.D

Acq: 17 Jan 2019 15:25

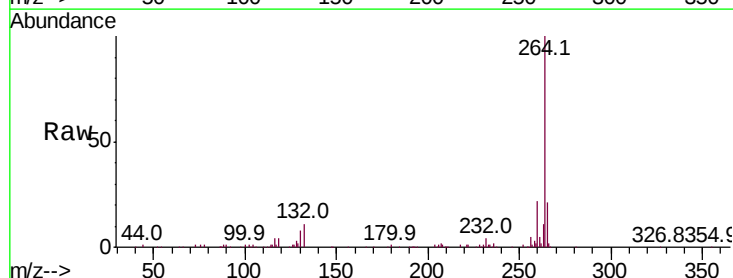
Tgt Ion:264 Resp: 235172

Ion Ratio Lower Upper

264 100

260 22.0 17.0 25.6

265 20.8 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

