

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040262.D
 Acq On : 30 Mar 2019 15:16
 Operator : JU/SJ
 Sample : K1685-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-032819-B

Quant Time: Apr 01 02:09:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

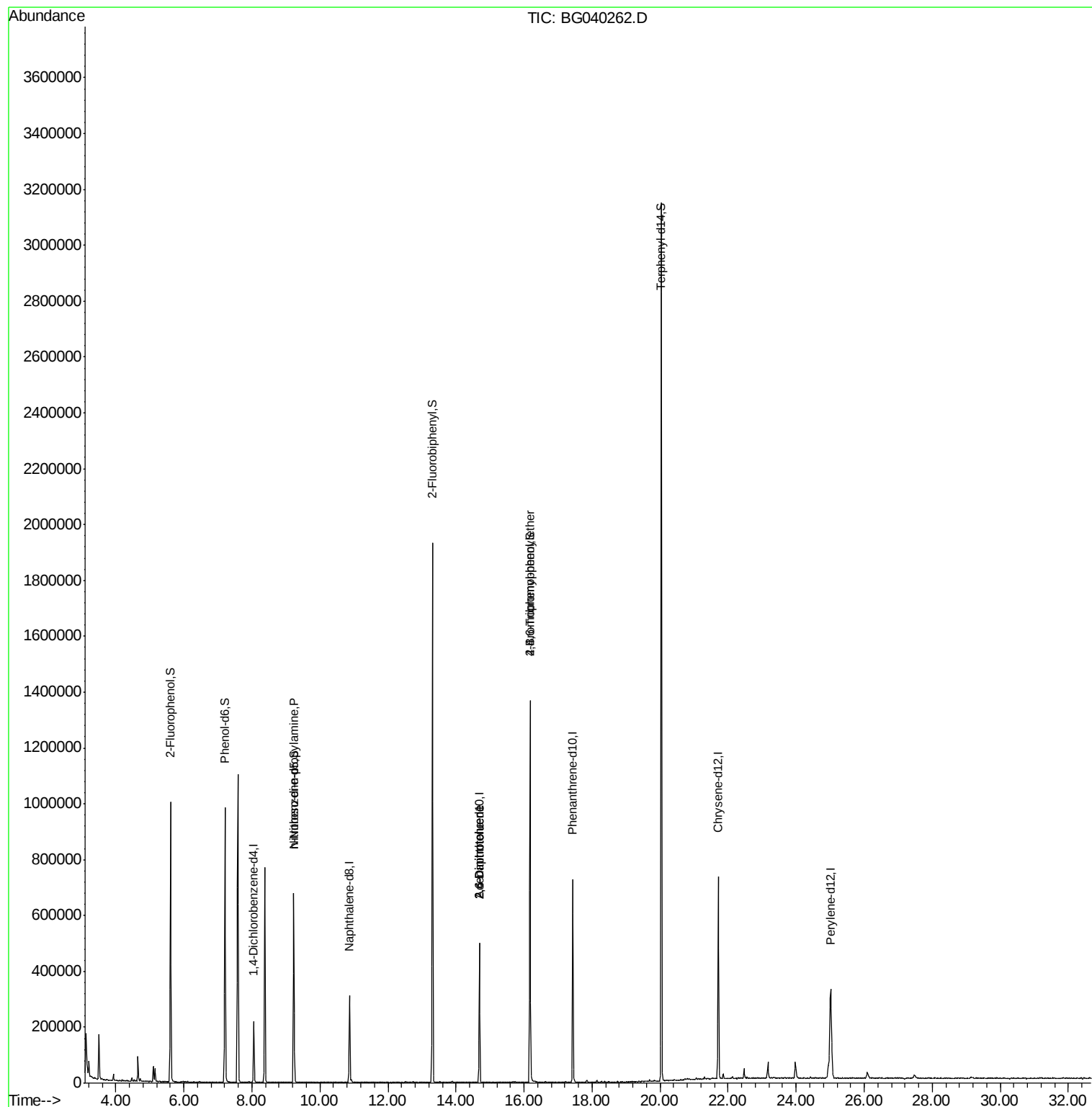
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62734	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	261061	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	175309	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	446559	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	450311	20.00	ng	-0.02
87) Perylene-d12	25.01	264	445590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	443443	117.51	ng	0.00
7) Phenol-d6	7.21	99	577691	110.77	ng	-0.01
23) Nitrobenzene-d5	9.23	82	416696	84.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	247275	130.51	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	993177	83.95	ng	-0.01
79) Terphenyl-d14	20.04	244	1589204	79.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	52830	14.129	ng	# 68
51) 2,6-Dinitrotoluene	14.69	165	23272	7.554	ng	# 26
57) 2,4-Dinitrotoluene	14.69	165	23272	5.437	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	19323	3.845	ng	# 1

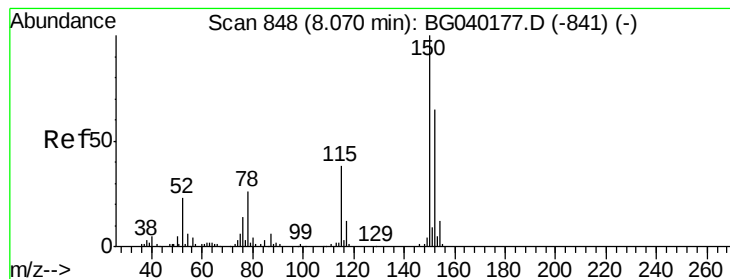
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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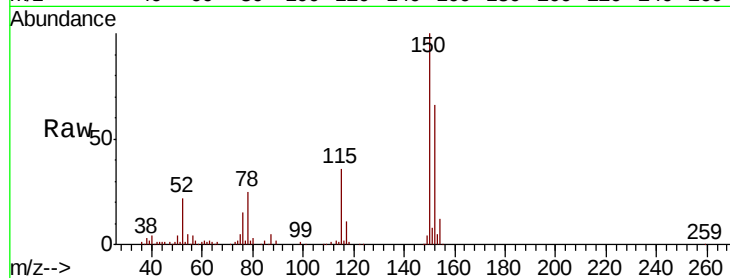


#1

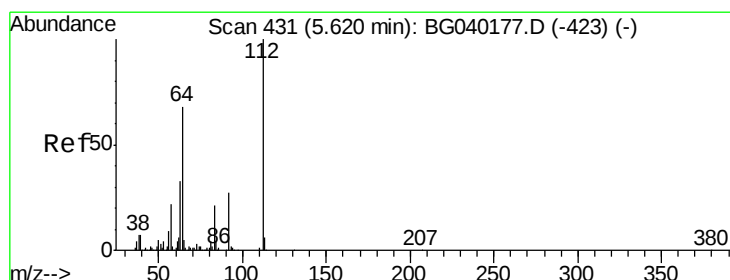
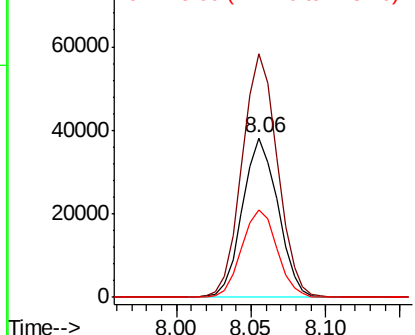
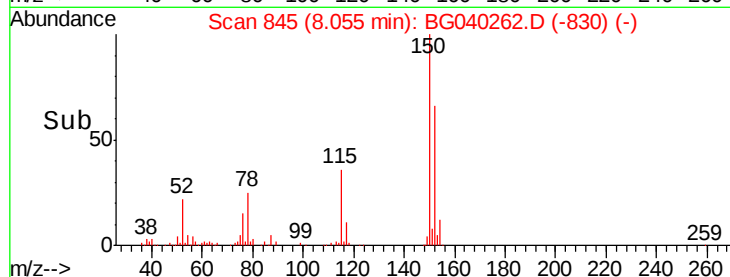
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

Instrument :
BNA_G
ClientSampleId :
AU-06-032819-B

Tgt Ion:152 Resp: 62734
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 54.6 46.9 70.3



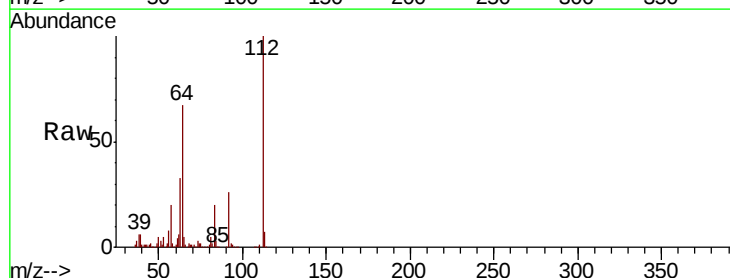
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



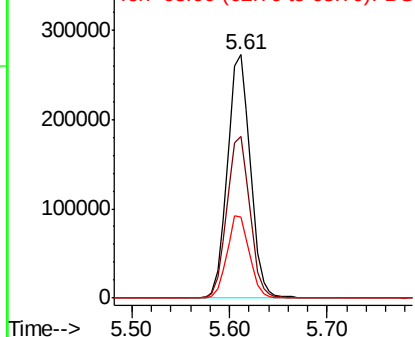
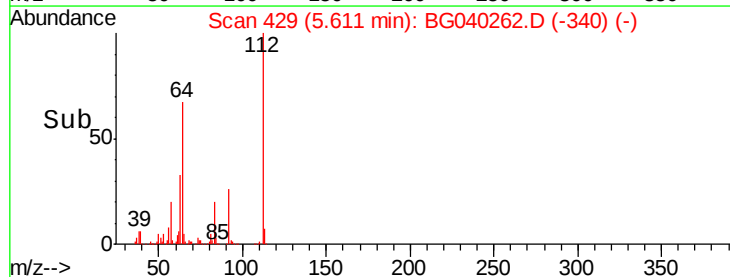
#5

2-Fluorophenol
Concen: 117.510 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

Tgt Ion:112 Resp: 443443
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.2
63 33.2 26.4 39.6



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: 110.769 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-B

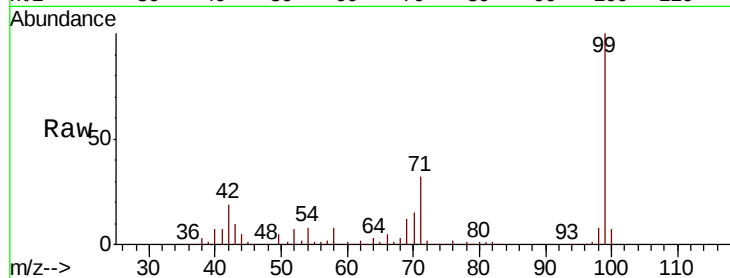
Tgt Ion: 99 Resp: 577691

Ion Ratio Lower Upper

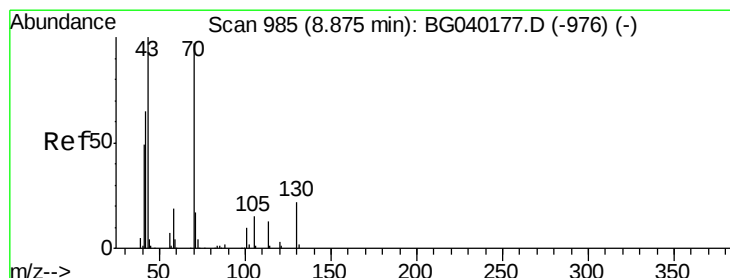
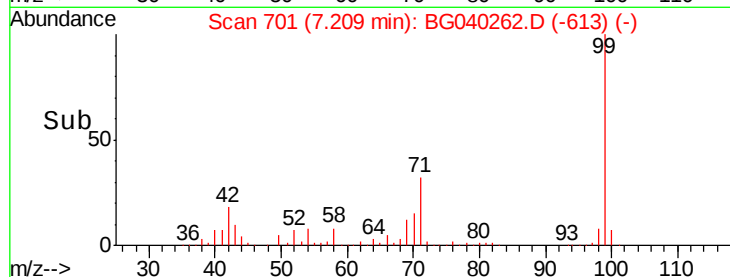
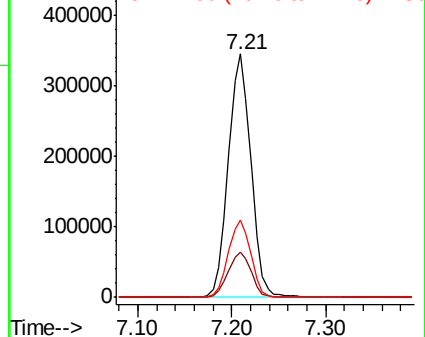
99 100

42 18.5 16.2 24.2

71 31.8 26.8 40.2



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: 14.129 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

Tgt Ion: 70 Resp: 52830

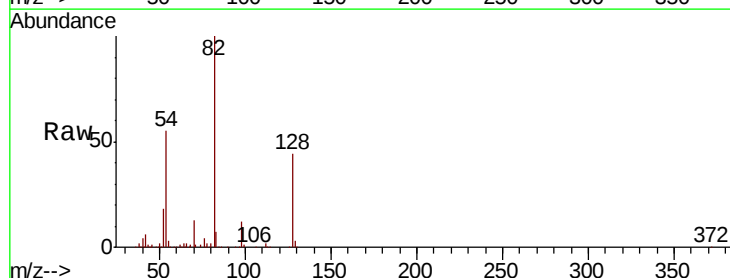
Ion Ratio Lower Upper

70 100

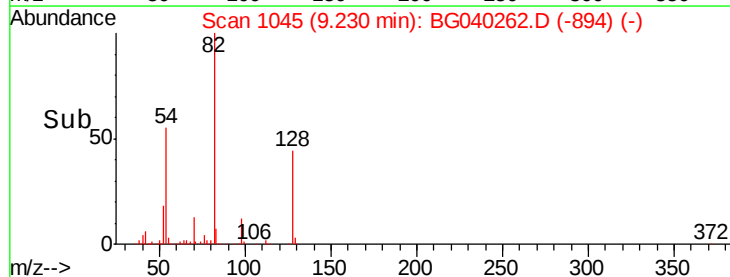
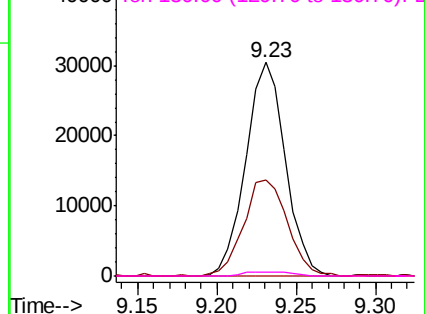
42 44.7 54.0 81.0#

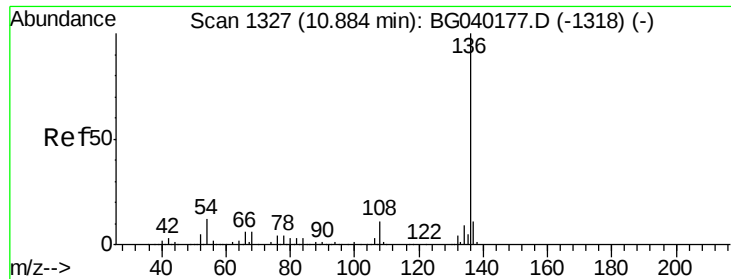
101 0.0 8.6 13.0#

130 1.7 18.2 27.2#



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

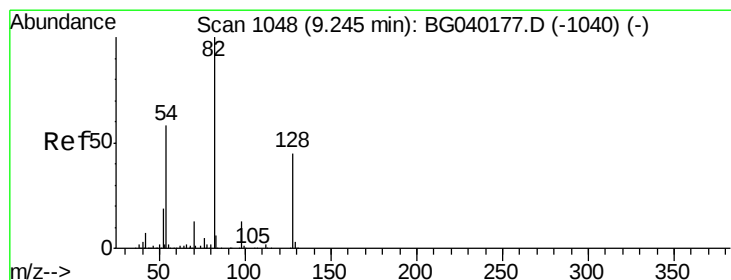
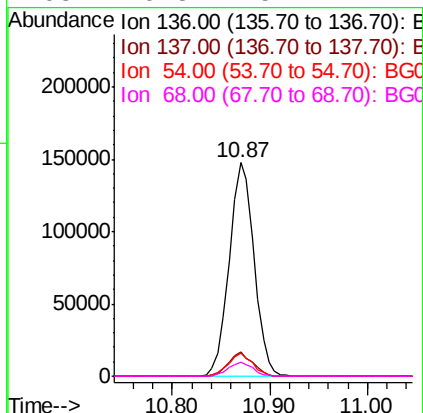
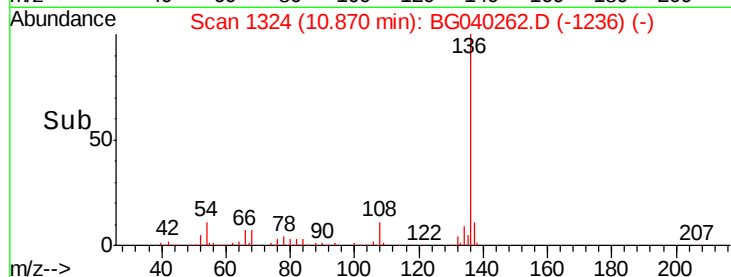
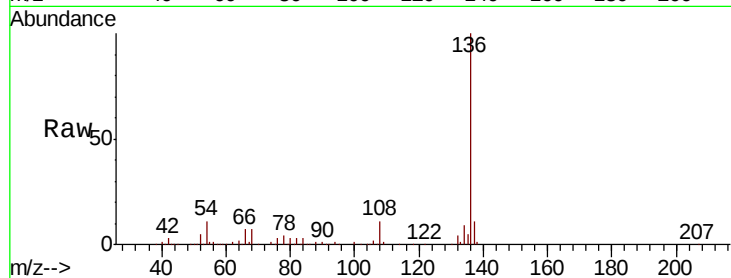




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

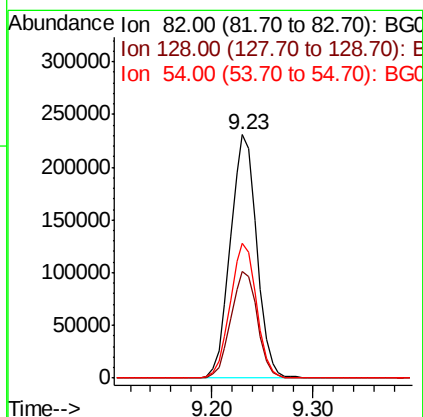
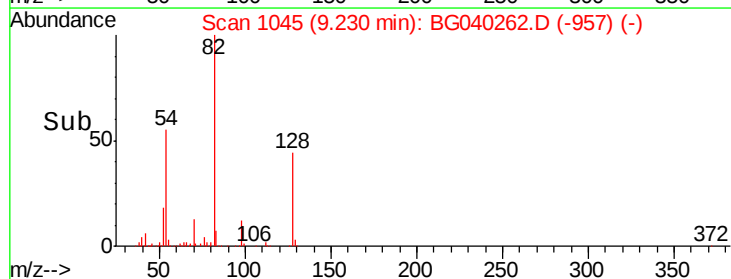
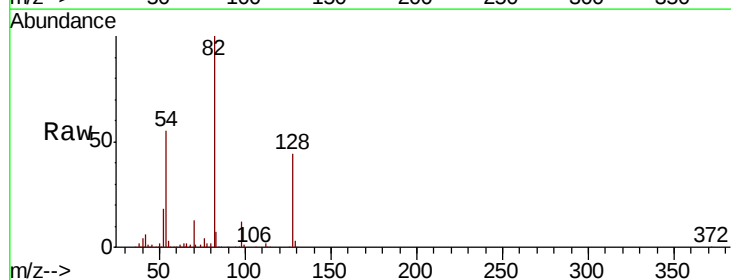
Instrument :
BNA_G
ClientSampleId :
AU-06-032819-B

Tgt Ion:	136	Resp:	261061
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.7	9.6	14.4
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 84.842 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

Tgt Ion:	82	Resp:	416696
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.8	53.8
54	55.5	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-B

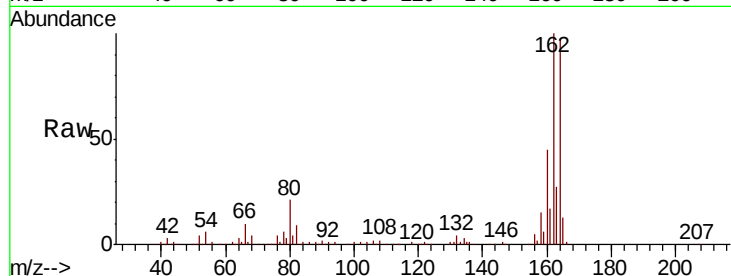
Tgt Ion:164 Resp: 175309

Ion Ratio Lower Upper

164 100

162 103.0 77.4 116.2

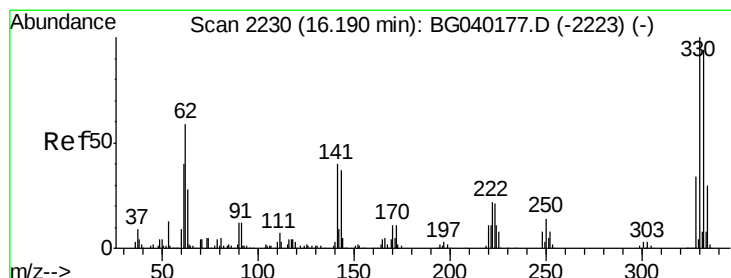
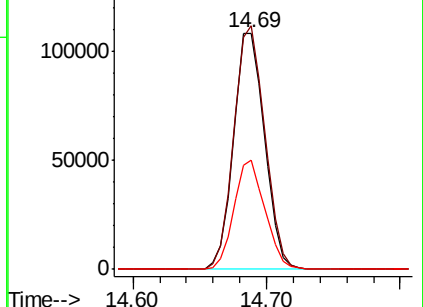
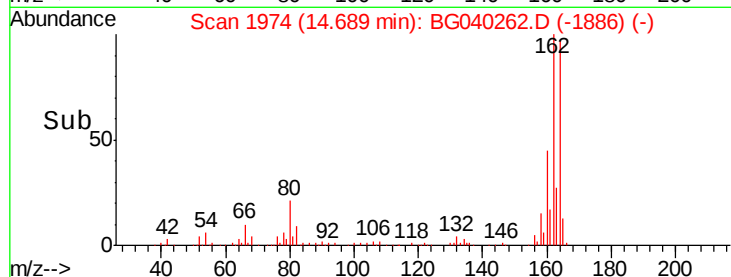
160 46.3 35.3 52.9



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: 130.513 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

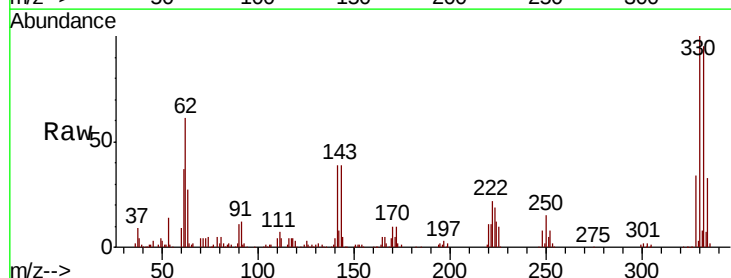
Tgt Ion:330 Resp: 247275

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

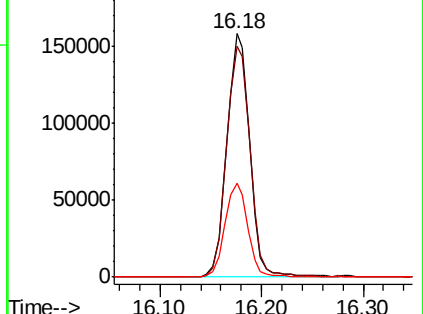
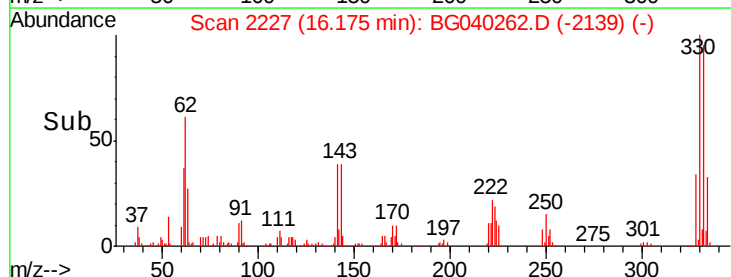
141 38.4 32.6 48.8



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

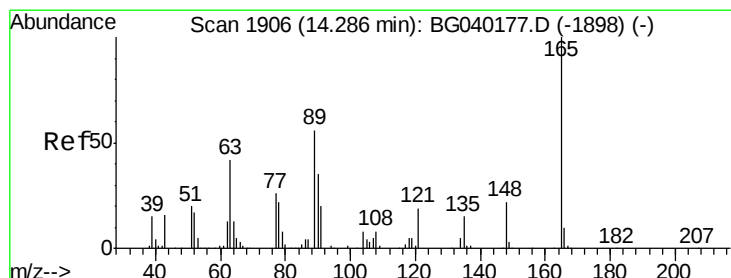
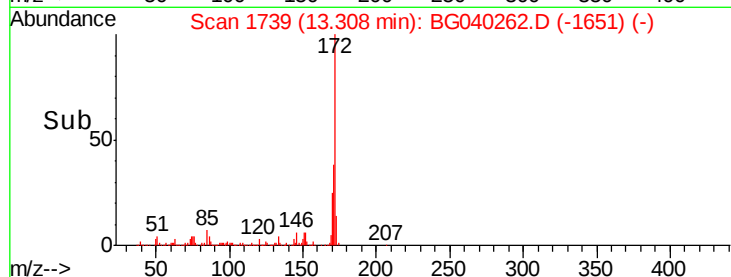
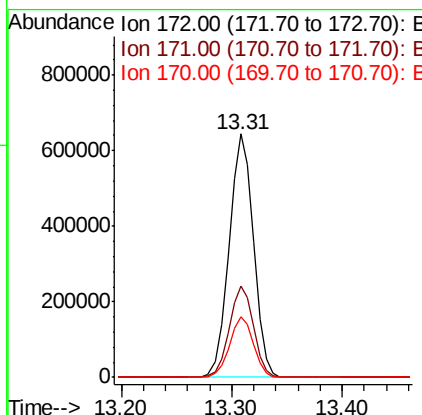
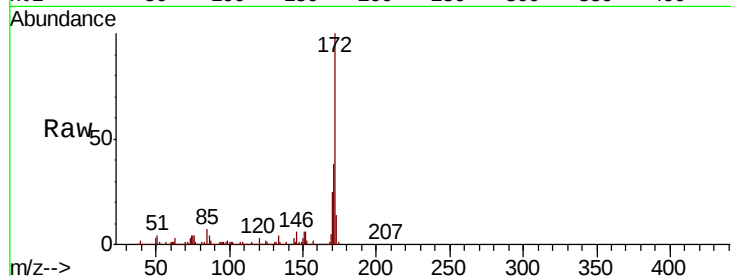




#45
 2-Fluorobiphenyl
 Concen: 83.946 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

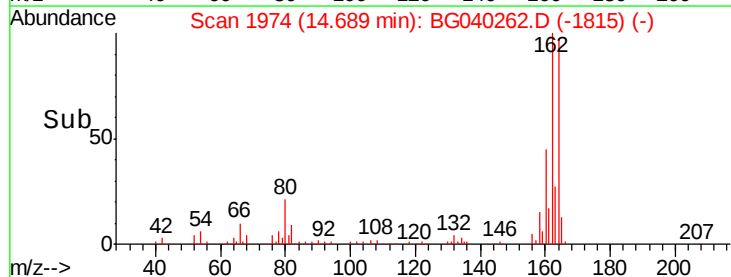
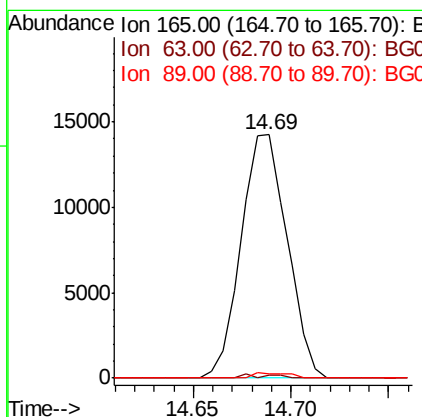
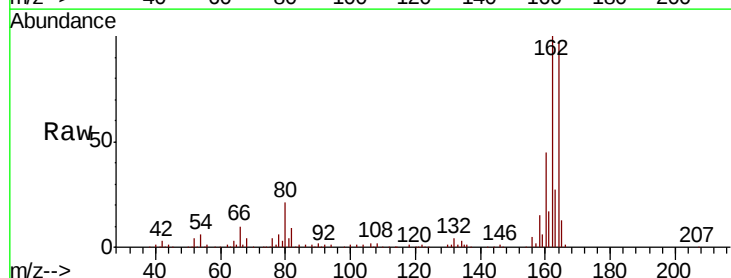
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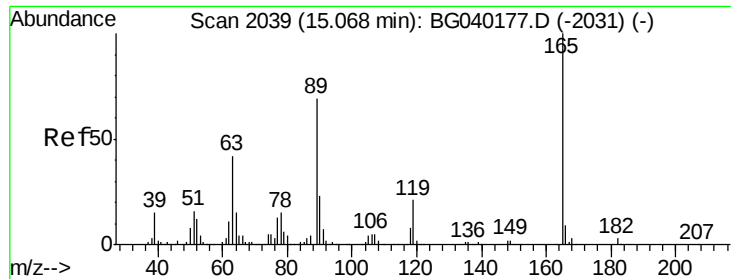
Tgt Ion:172 Resp: 993177
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 24.6 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.554 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Tgt Ion:165 Resp: 23272
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.1 66.1#
 89 2.0 44.9 67.3#

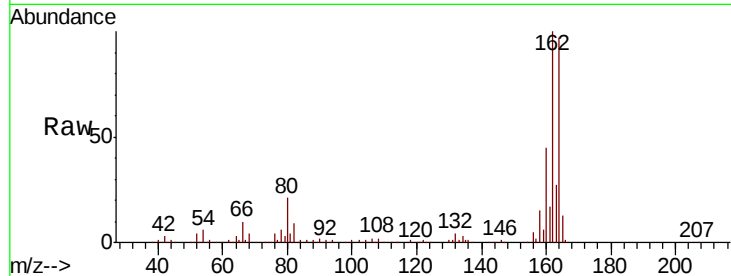




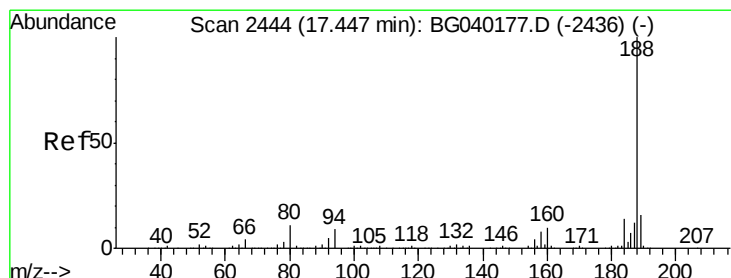
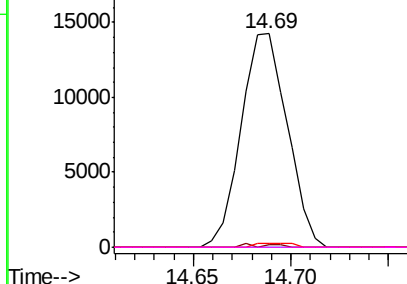
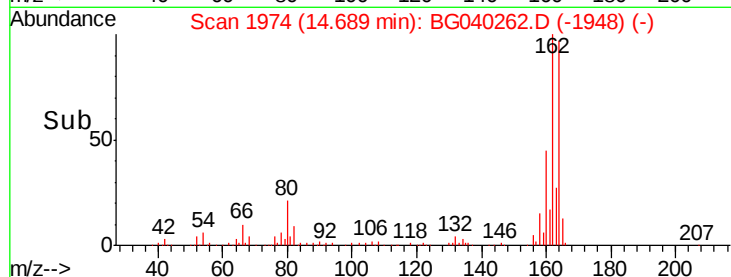
#57
 2,4-Dinitrotoluene
 Concen: 5.437 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-032819-B

Tgt Ion:165 Resp: 23272
 Ion Ratio Lower Upper
 165 100
 63 1.1 33.8 50.6#
 89 2.0 55.4 83.2#
 182 0.0 2.2 3.4#

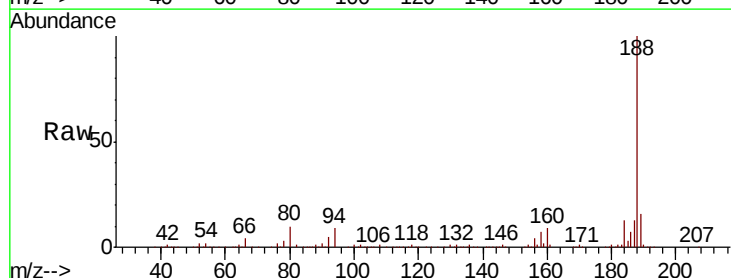


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

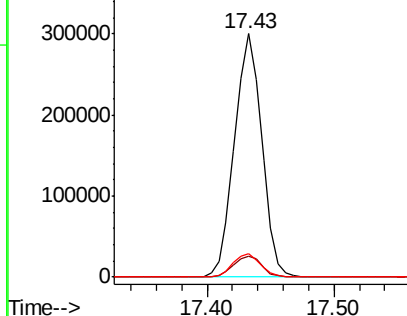
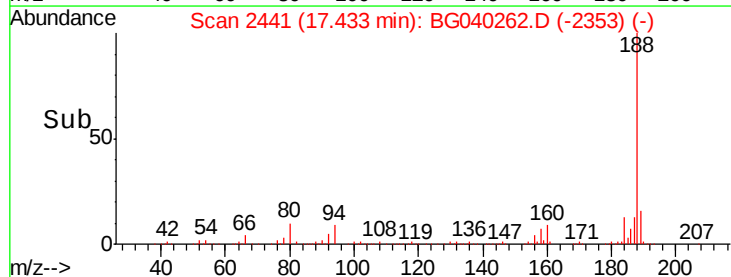


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Tgt Ion:188 Resp: 446559
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.4
 80 9.8 8.6 13.0



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

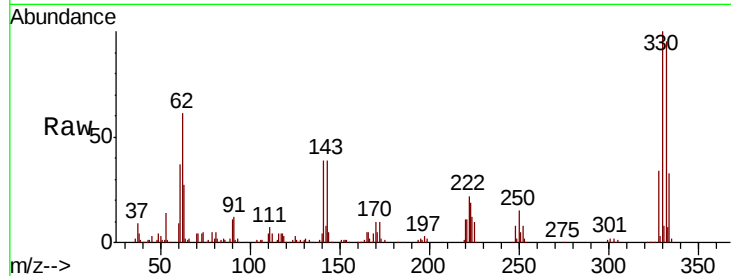




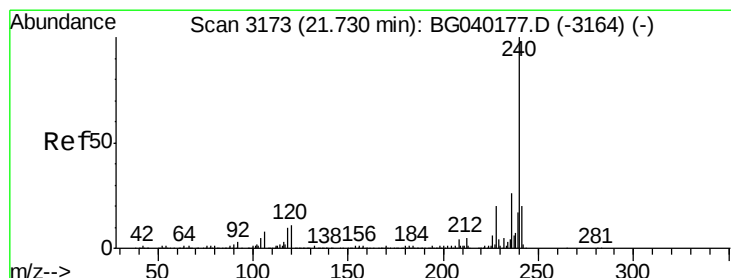
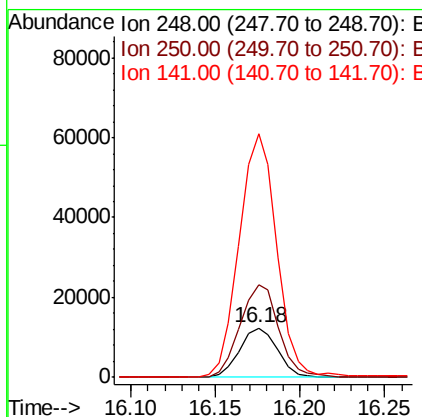
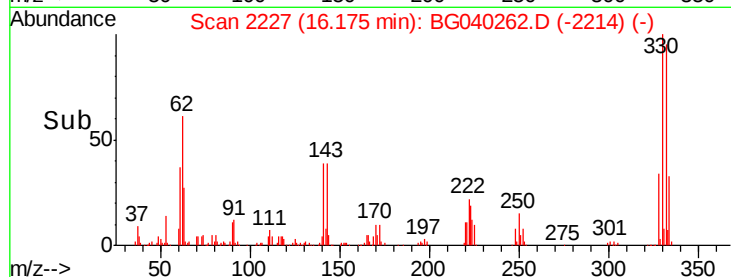
#67
 4-Bromophenyl-phenylether
 Concen: 3.845 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-032819-B

Tgt Ion:248 Resp: 19323
 Ion Ratio Lower Upper
 248 100
 250 187.5 76.4 114.6#
 141 491.4 53.8 80.8#

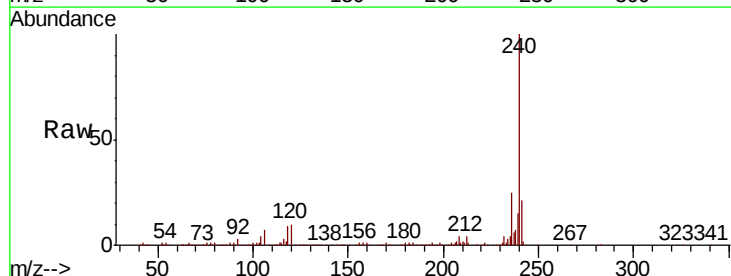


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

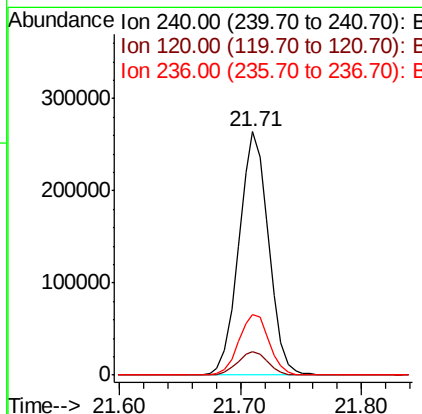
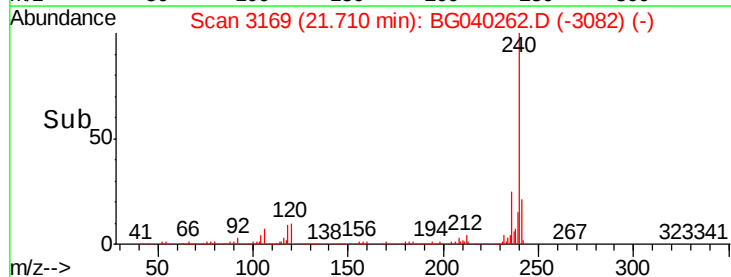


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Tgt Ion:240 Resp: 450311
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 25.1 20.8 31.2



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: 79.393 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-B

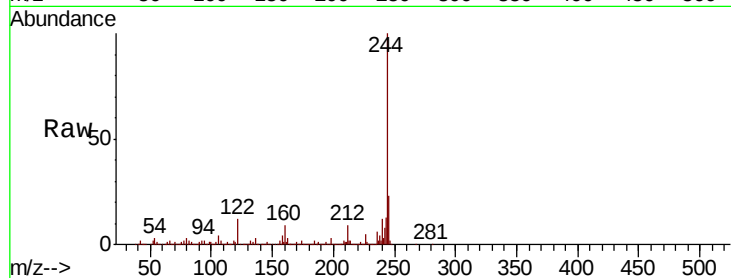
Tgt Ion:244 Resp: 1589204

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

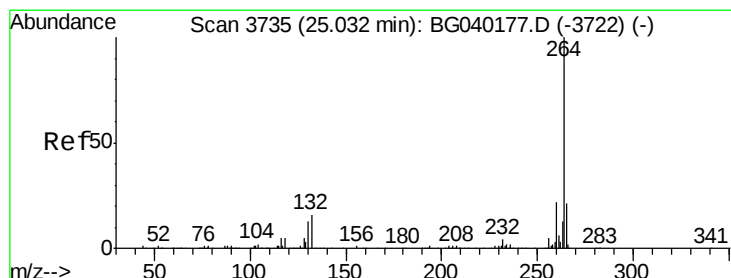
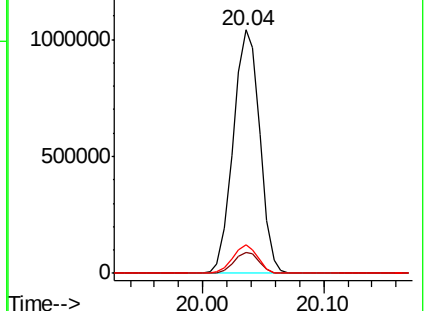
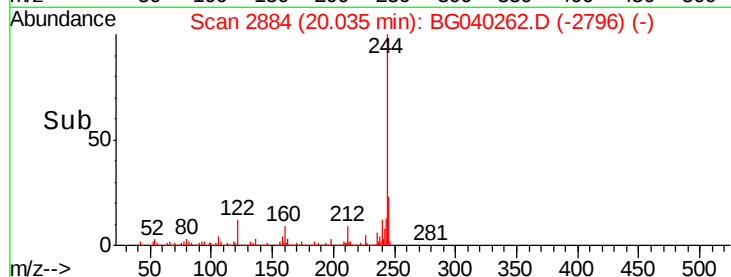
122 11.8 8.5 12.7



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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

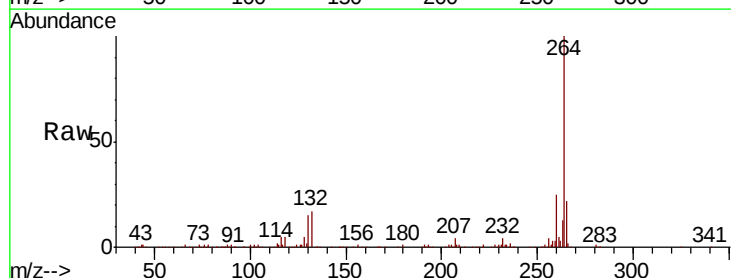
Tgt Ion:264 Resp: 445590

Ion Ratio Lower Upper

264 100

260 25.3 17.9 26.9

265 21.7 16.8 25.2



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

