

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040263.D
 Acq On : 30 Mar 2019 15:56
 Operator : JU/SJ
 Sample : K1697-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-B

Quant Time: Apr 01 02:09:40 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

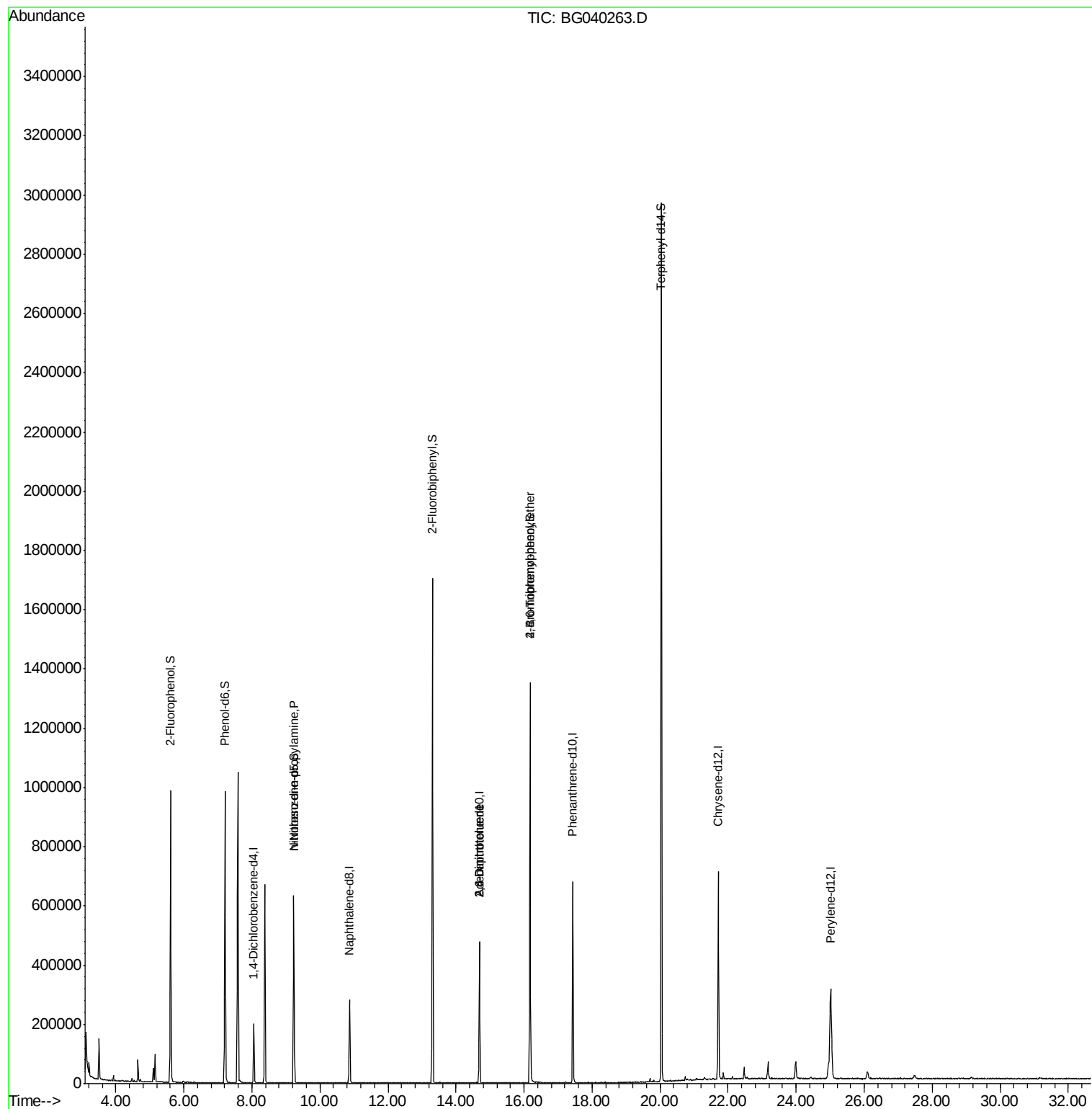
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55101	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	244785	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	159233	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	413498	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	424677	20.00	ng	-0.02
87) Perylene-d12	25.02	264	416854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	425620	128.41	ng	0.00
7) Phenol-d6	7.21	99	580785	126.79	ng	-0.02
23) Nitrobenzene-d5	9.23	82	387759	84.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	232342	135.01	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	902681	84.00	ng	-0.02
79) Terphenyl-d14	20.03	244	1513418	80.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	47384	14.428	ng	# 71
51) 2,6-Dinitrotoluene	14.69	165	21474	7.674	ng	# 27
57) 2,4-Dinitrotoluene	14.69	165	21474	5.523	ng	# 27
67) 4-Bromophenyl-phenylether	16.17	248	17586	3.779	ng	# 1

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

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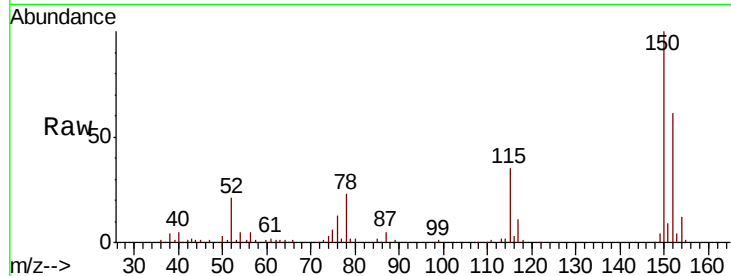


#1

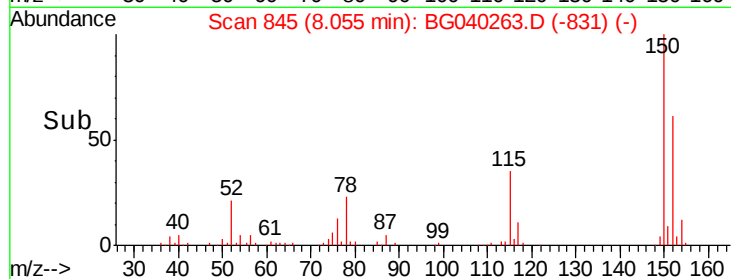
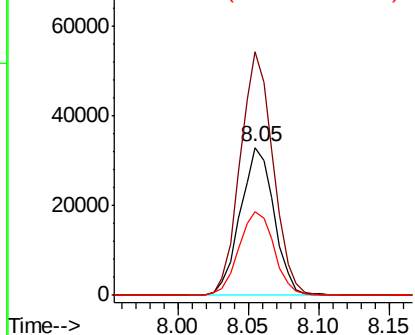
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040263.D
Acq: 30 Mar 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-B

Tgt Ion:152 Resp: 55101
Ion Ratio Lower Upper
152 100
150 164.4 123.7 185.5
115 56.9 46.9 70.3



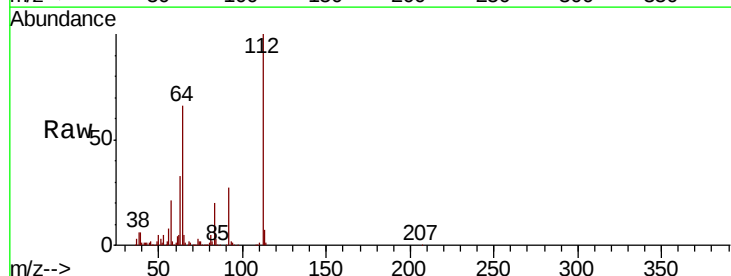
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



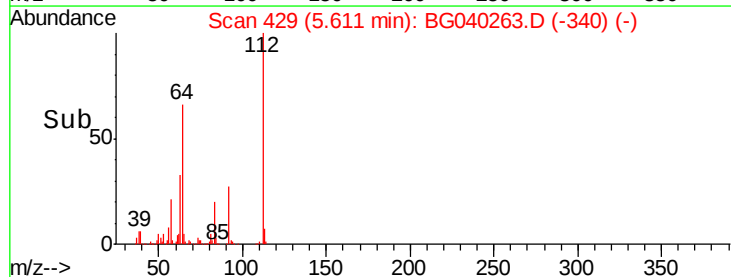
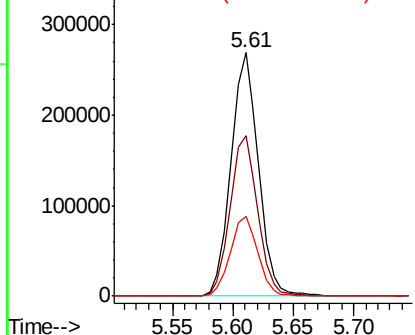
#5

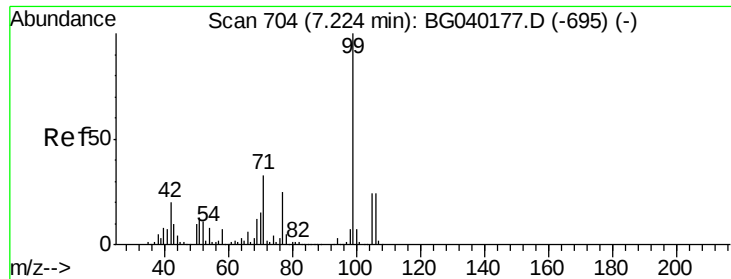
2-Fluorophenol
Concen: 128.411 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040263.D
Acq: 30 Mar 2019 15:56

Tgt Ion:112 Resp: 425620
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.2
63 32.7 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: 126.789 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-B

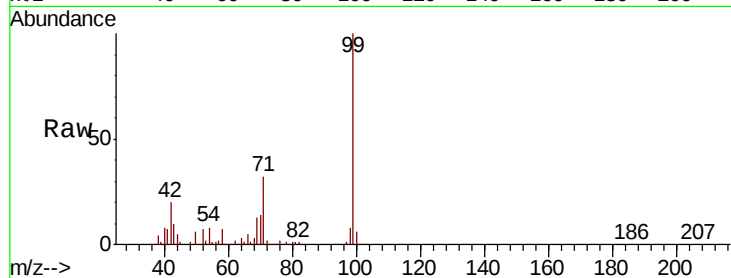
Tgt Ion: 99 Resp: 580785

Ion Ratio Lower Upper

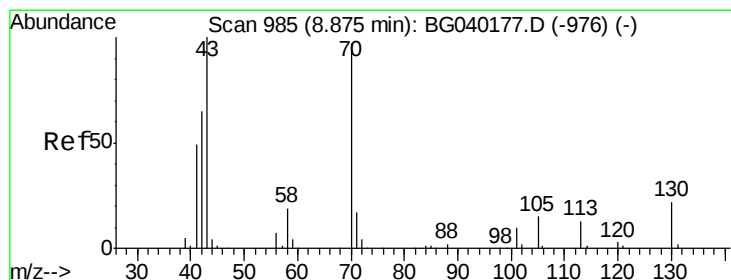
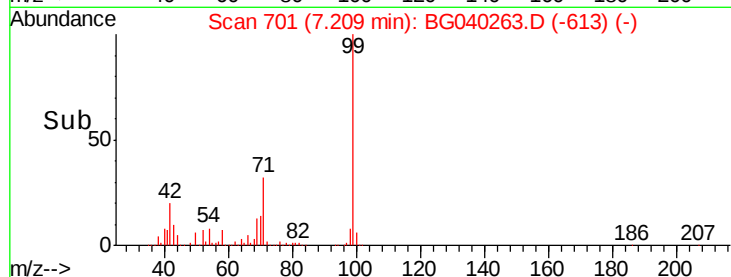
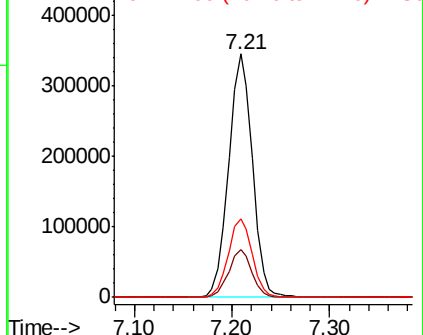
99 100

42 19.6 16.2 24.2

71 32.1 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: 14.428 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

Tgt Ion: 70 Resp: 47384

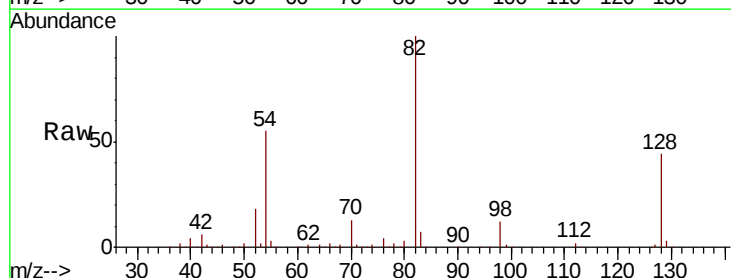
Ion Ratio Lower Upper

70 100

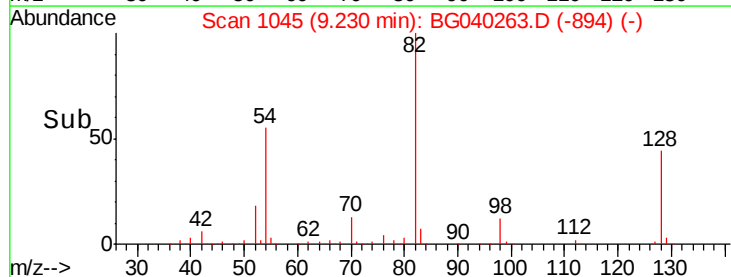
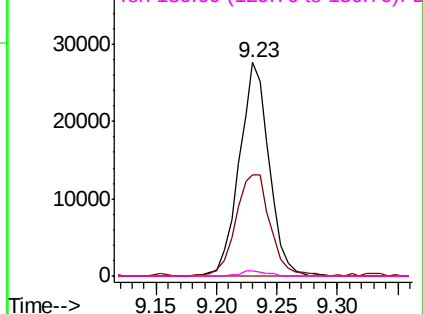
42 47.6 54.0 81.0#

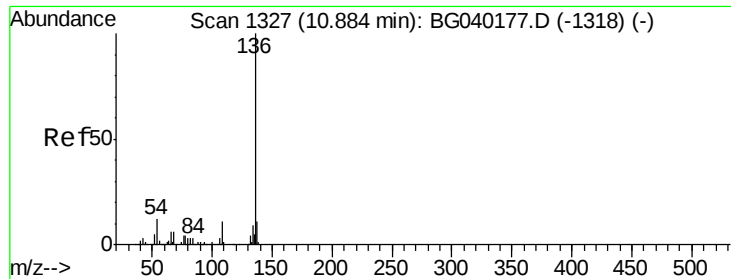
101 0.0 8.6 13.0#

130 2.4 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

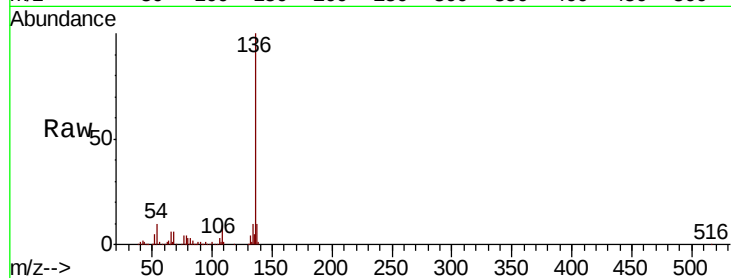




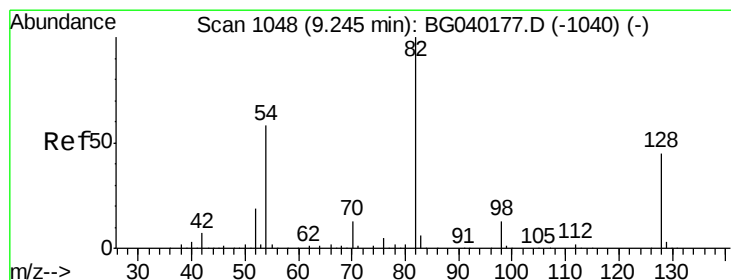
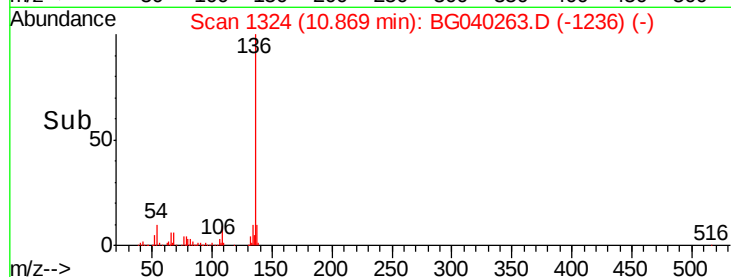
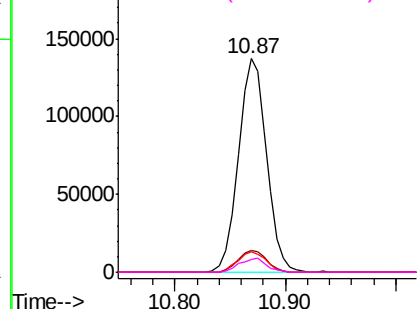
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040263.D
Acq: 30 Mar 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-B

Tgt Ion:	136	Resp:	244785
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.5	9.6	14.4#
68	5.9	5.1	7.7

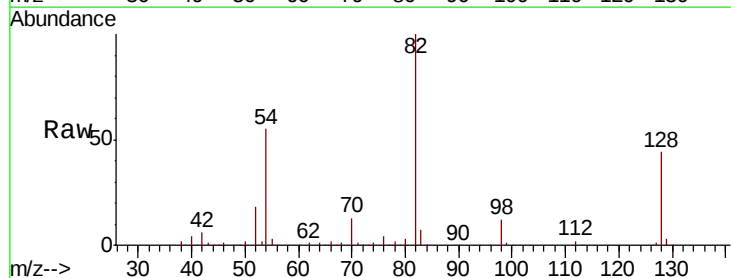


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

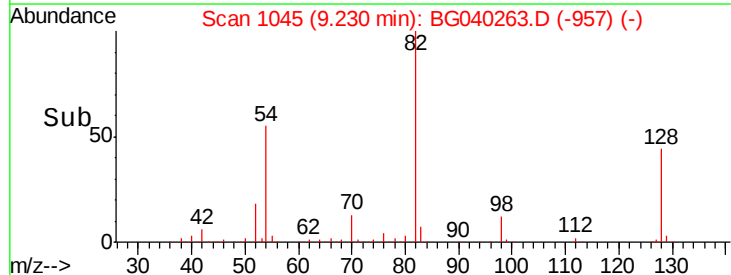
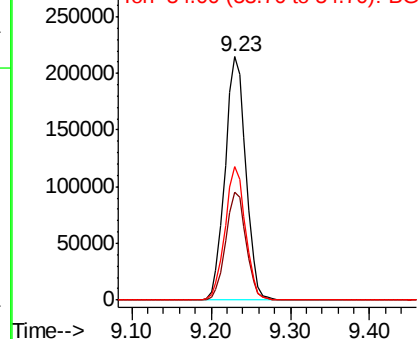


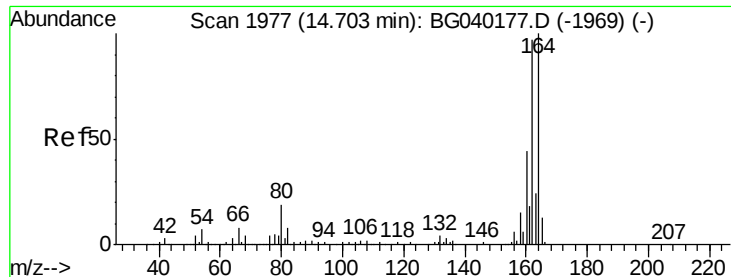
#23
Nitrobenzene-d5
Concen: 84.199 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040263.D
Acq: 30 Mar 2019 15:56

Tgt Ion:	82	Resp:	387759
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.8
54	54.7	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-B

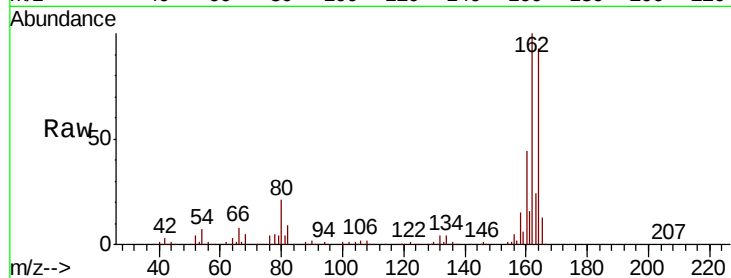
Tgt Ion:164 Resp: 159233

Ion Ratio Lower Upper

164 100

162 107.7 77.4 116.2

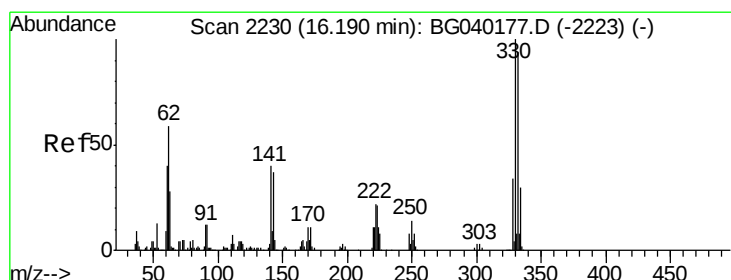
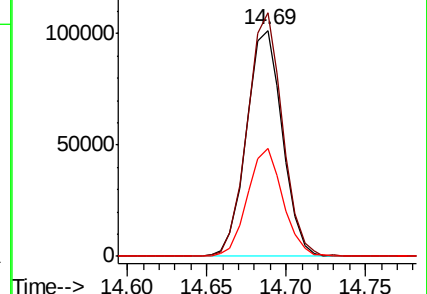
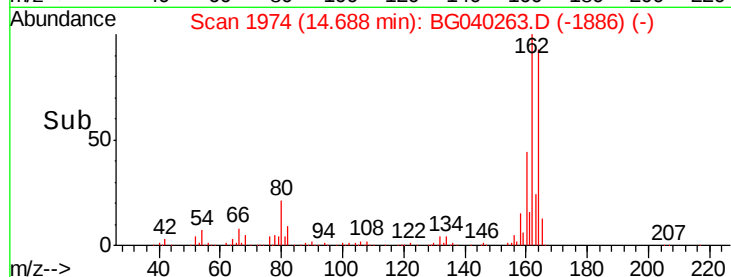
160 47.6 35.3 52.9



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: 135.012 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

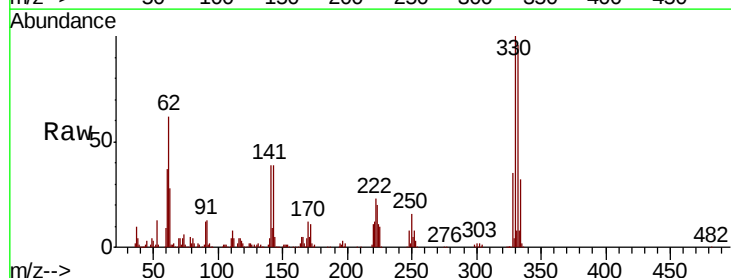
Tgt Ion:330 Resp: 232342

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

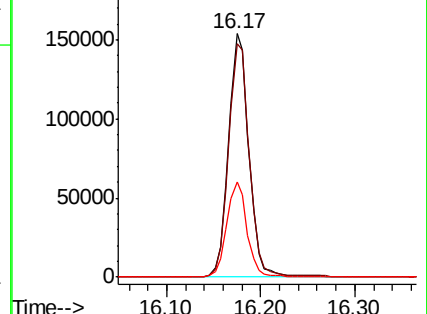
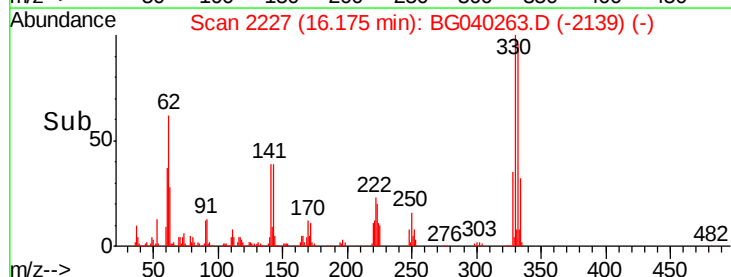
141 39.1 32.6 48.8



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: 84.000 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-B

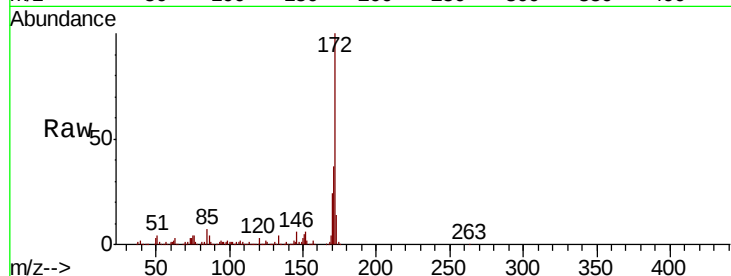
Tgt Ion:172 Resp: 902681

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

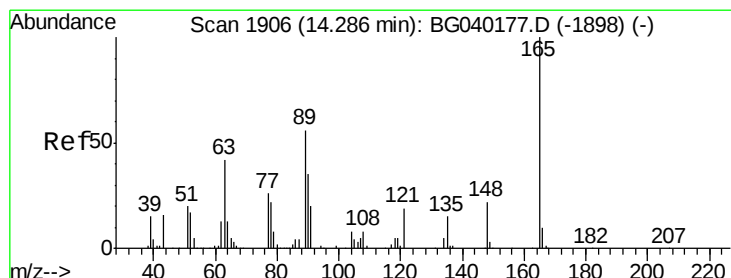
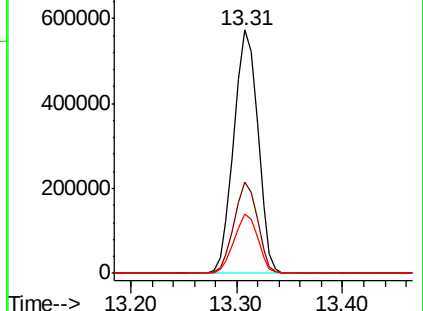
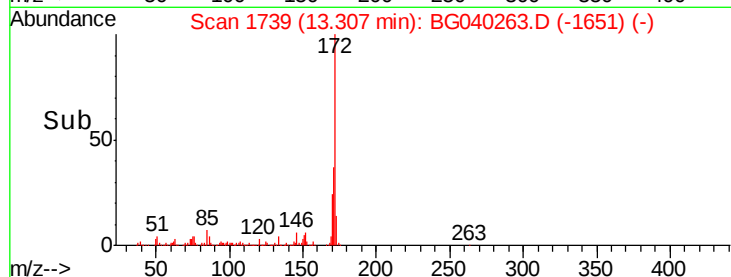
170 24.3 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51

2,6-Dinitrotoluene

Concen: 7.674 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

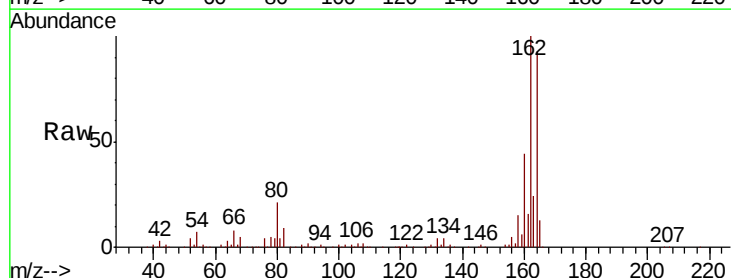
Tgt Ion:165 Resp: 21474

Ion Ratio Lower Upper

165 100

63 1.8 44.1 66.1#

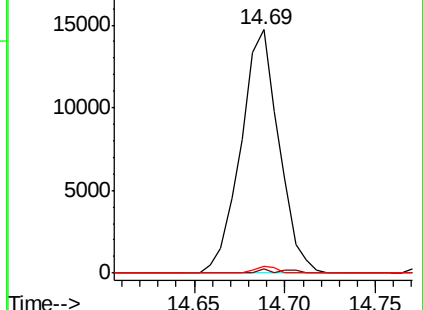
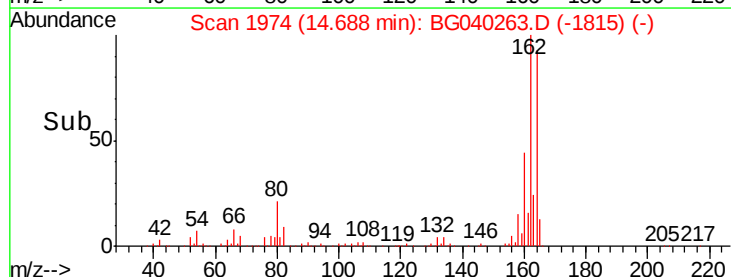
89 2.7 44.9 67.3#

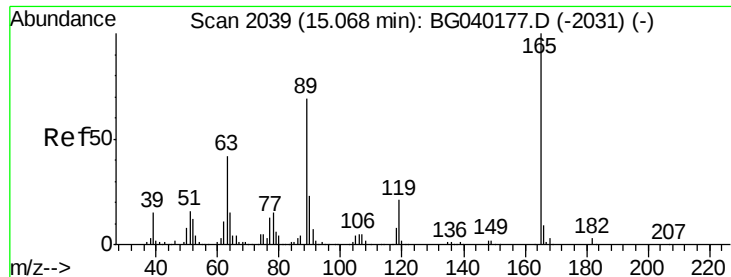


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

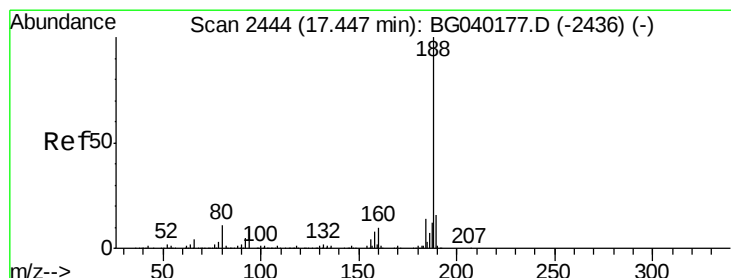
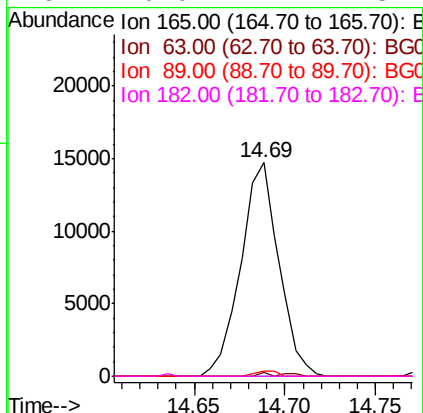
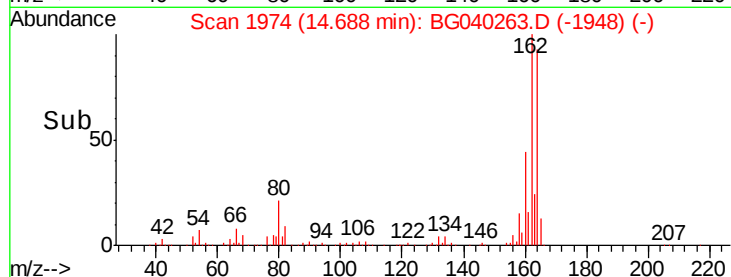
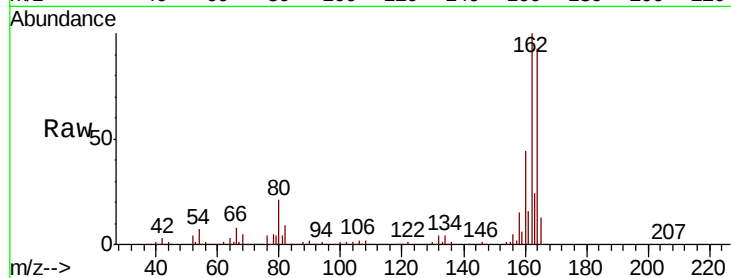




#57
 2,4-Dinitrotoluene
 Concen: 5.523 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040263.D
 Acq: 30 Mar 2019 15:56

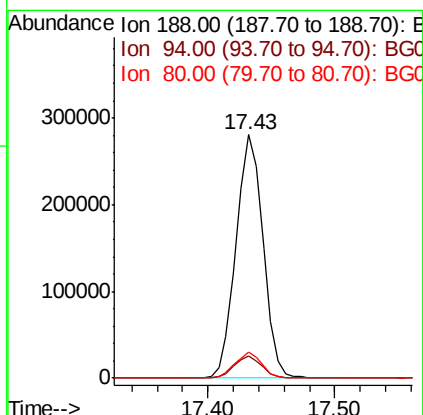
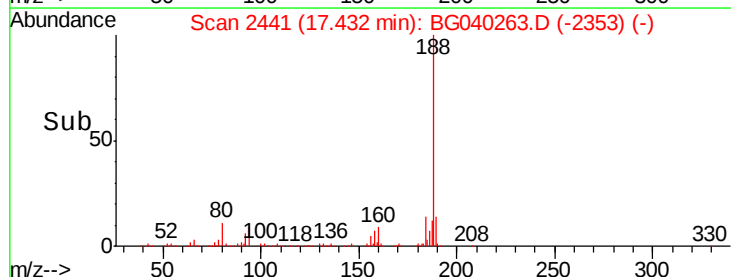
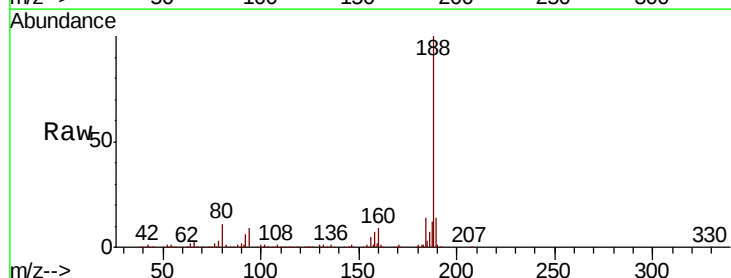
Instrument :
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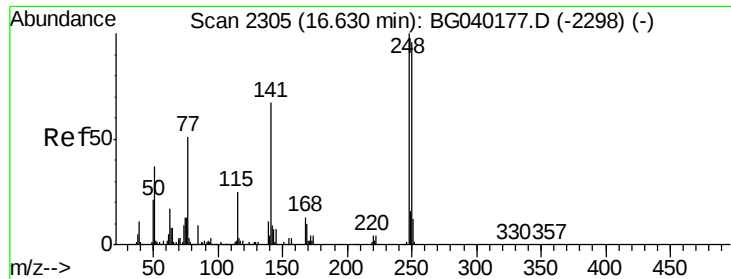
Tgt Ion:165 Resp: 21474
 Ion Ratio Lower Upper
 165 100
 63 1.8 33.8 50.6#
 89 2.7 55.4 83.2#
 182 0.0 2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040263.D
 Acq: 30 Mar 2019 15:56

Tgt Ion:188 Resp: 413498
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.0 10.4
 80 10.6 8.6 13.0

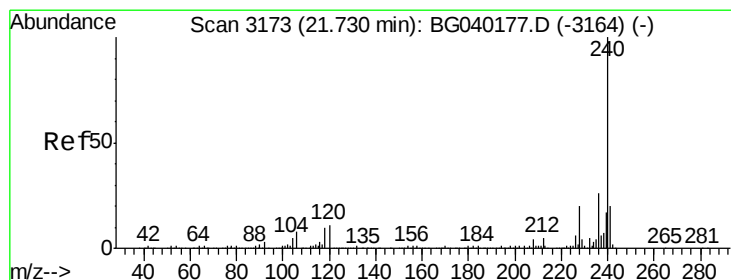
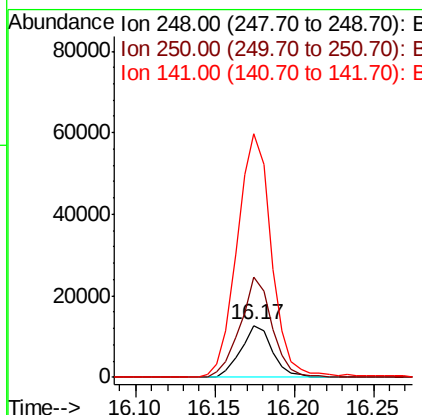
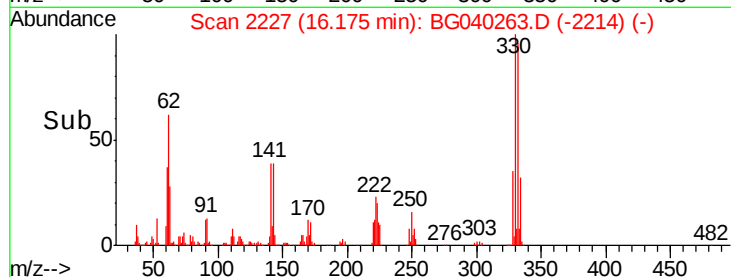
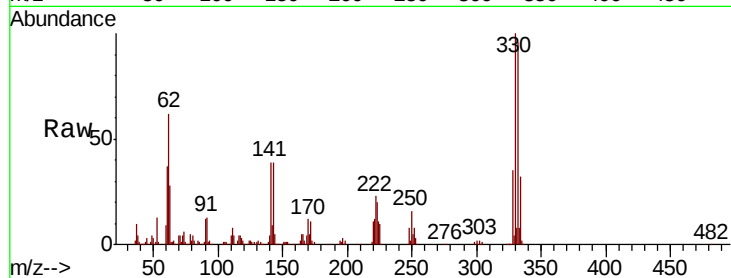




#67
 4-Bromophenyl-phenylether
 Concen: 3.779 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040263.D
 Acq: 30 Mar 2019 15:56

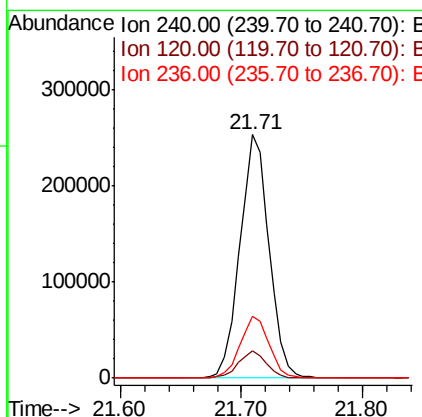
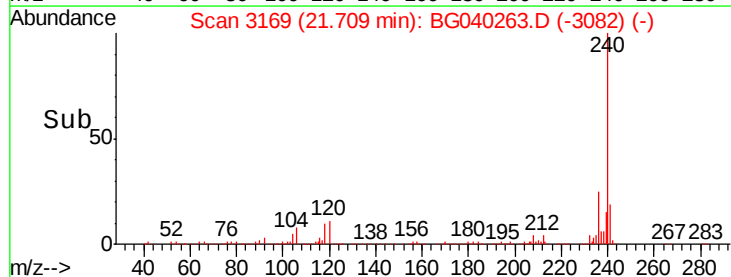
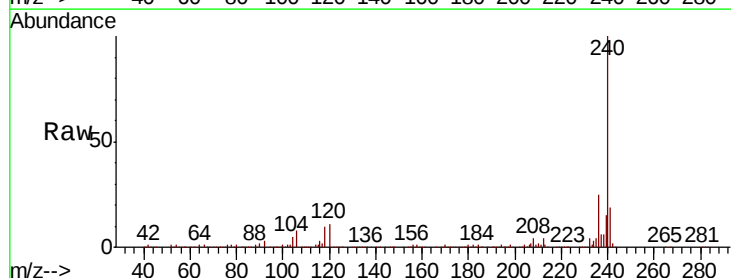
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-B

Tgt Ion:248 Resp: 17586
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.4 114.6#
 141 468.2 53.8 80.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040263.D
 Acq: 30 Mar 2019 15:56

Tgt Ion:240 Resp: 424677
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.4 12.6
 236 25.5 20.8 31.2





#79

Terphenyl-d14

Concen: 80.171 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-B

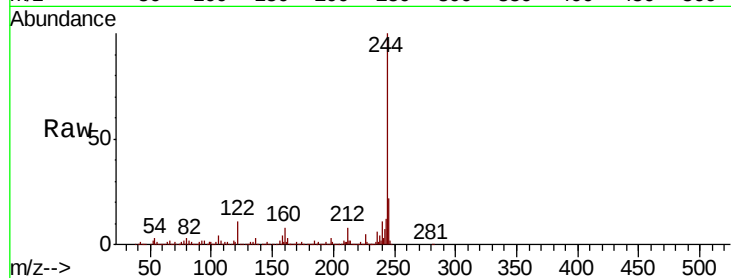
Tgt Ion:244 Resp: 1513418

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

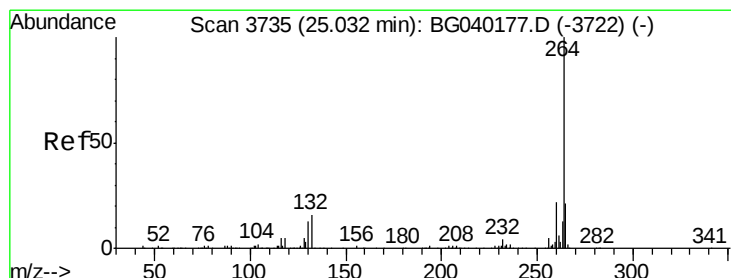
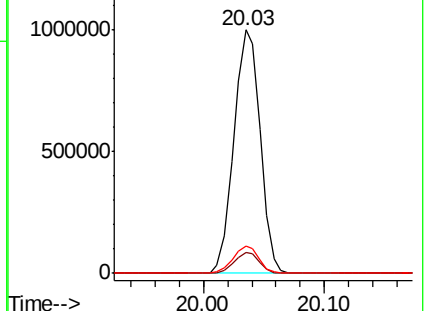
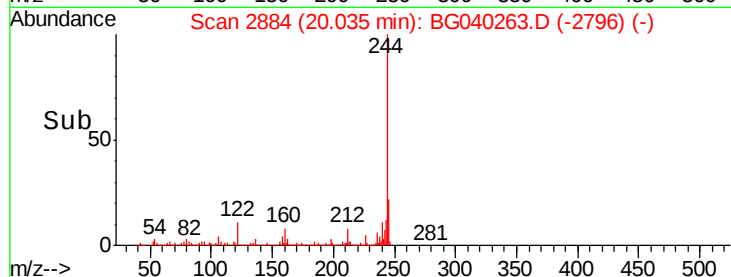
122 11.3 8.5 12.7



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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040263.D

Acq: 30 Mar 2019 15:56

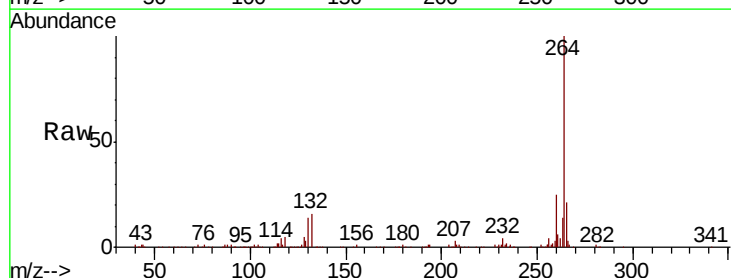
Tgt Ion:264 Resp: 416854

Ion Ratio Lower Upper

264 100

260 24.8 17.9 26.9

265 20.9 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

