

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042312.D
 Acq On : 18 Aug 2019 7:29
 Operator : HP/JU
 Sample : K4277-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Quant Time: Aug 19 06:00:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

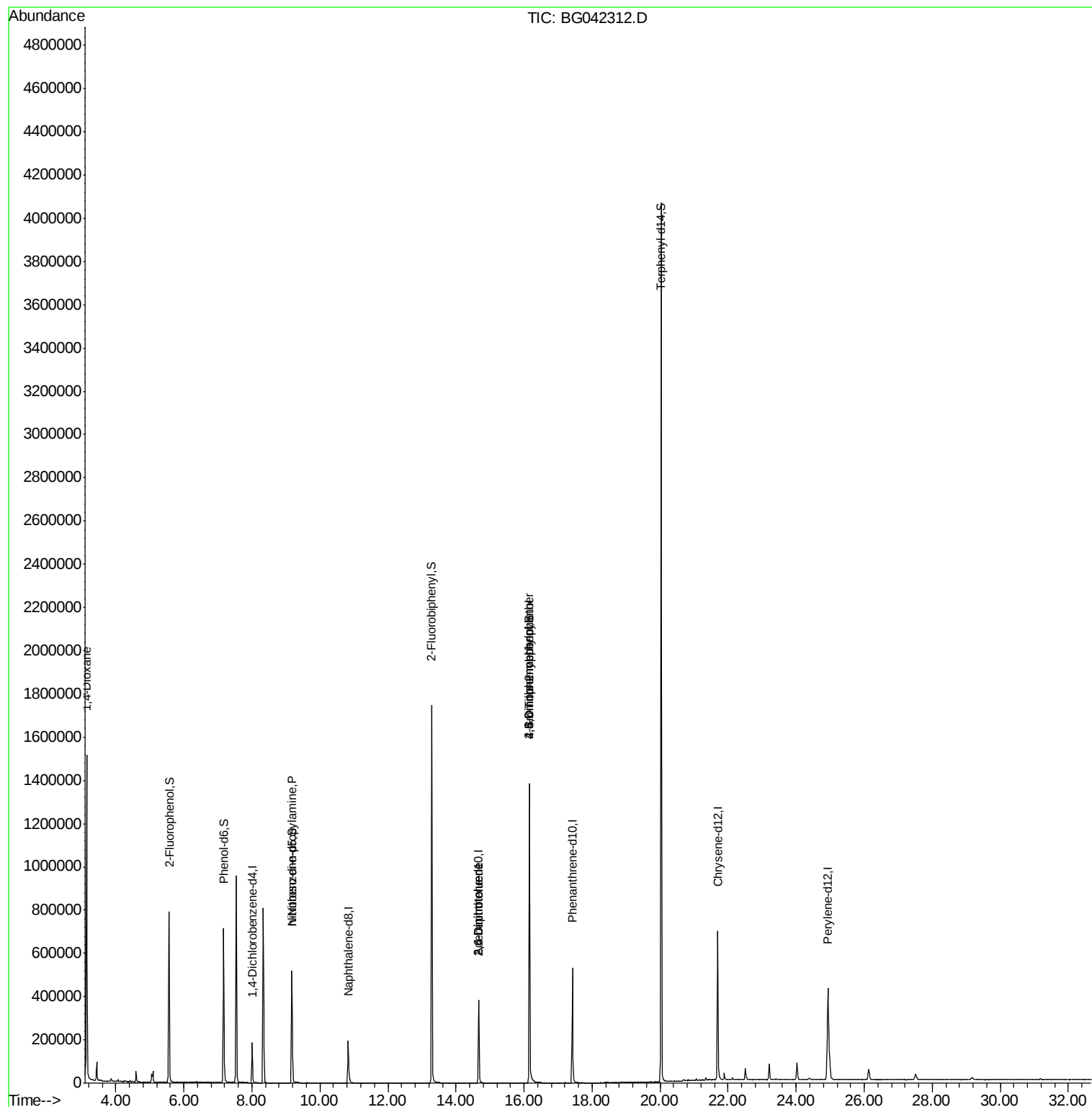
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	62212	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	229857	20.00	ng	-0.04
39) Acenaphthene-d10	14.66	164	165134	20.00	ng	-0.04
64) Phenanthrene-d10	17.41	188	405701	20.00	ng	-0.04
76) Chrysene-d12	21.69	240	462186	20.00	ng	-0.04
87) Perylene-d12	24.93	264	518333	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	412275	128.94	ng	-0.03
7) Phenol-d6	7.17	99	495085	114.85	ng	-0.03
23) Nitrobenzene-d5	9.17	82	355612	106.47	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	353787	188.62	ng	-0.03
45) 2-Fluorobiphenyl	13.28	172	1080097	115.36	ng	-0.04
79) Terphenyl-d14	20.03	244	2084551	103.21	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.14	88	15012	9.975	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	45536	14.550	ng	# 61
51) 2,6-Dinitrotoluene	14.66	165	21691	9.198	ng	# 25
57) 2,4-Dinitrotoluene	14.66	165	21691	6.688	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.15	198	864	7.225	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	25267	5.056	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042312.D
Acq On : 18 Aug 2019 7:29
Operator : HP/JU
Sample : K4277-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-19

Quant Time: Aug 19 06:00:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

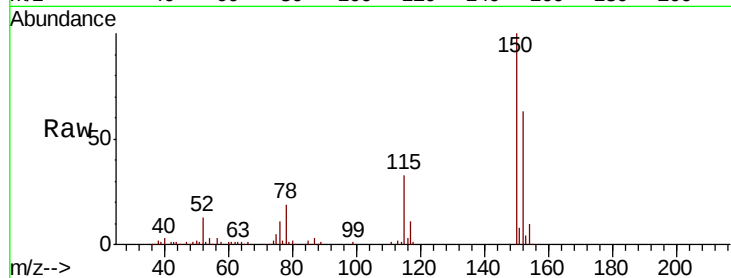




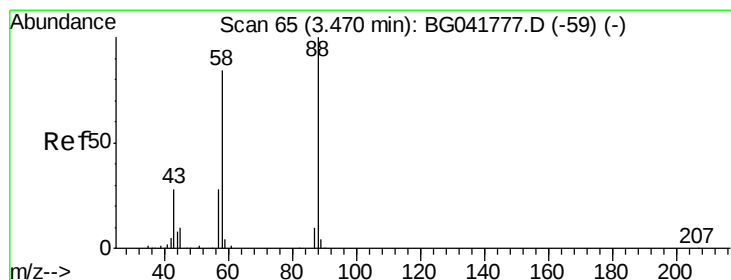
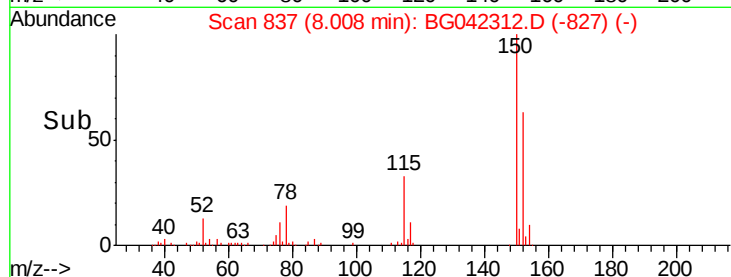
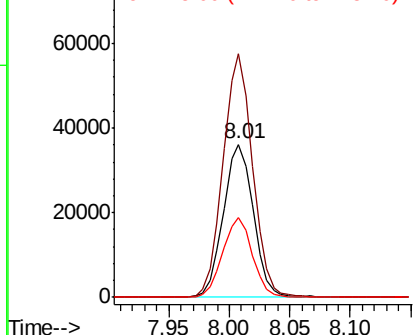
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.04 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Tgt Ion:152 Resp: 62212
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.9 190.3
 115 52.0 45.0 67.6

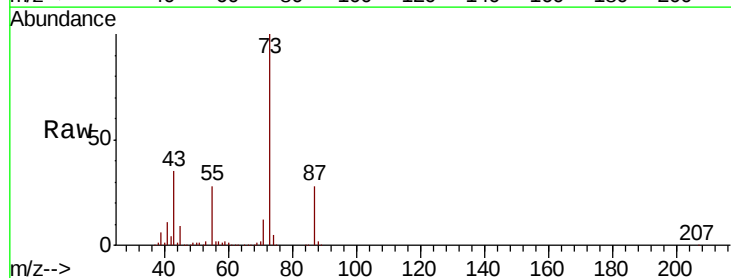


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

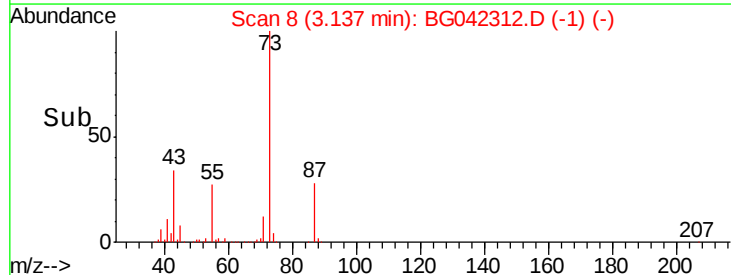
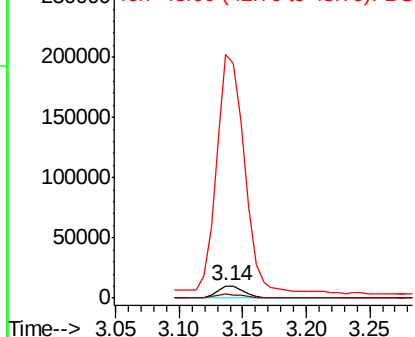


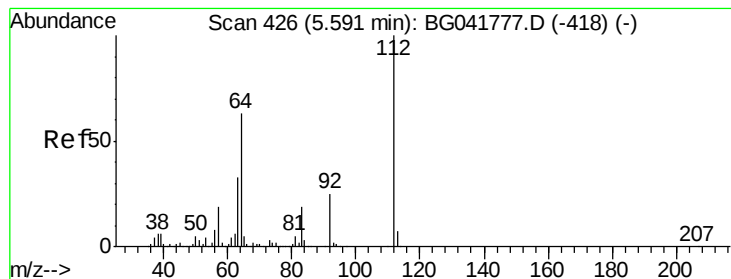
#2
 1,4-Dioxane
 Concen: 9.975 ng
 RT: 3.14 min Scan# 8
 Delta R.T. -0.33 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Tgt Ion: 88 Resp: 15012
 Ion Ratio Lower Upper
 88 100
 58 26.7 76.2 114.2#
 43 2064.7 27.2 40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 128.935 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Instrument :

BNA_G

ClientSampleId :

TP-19

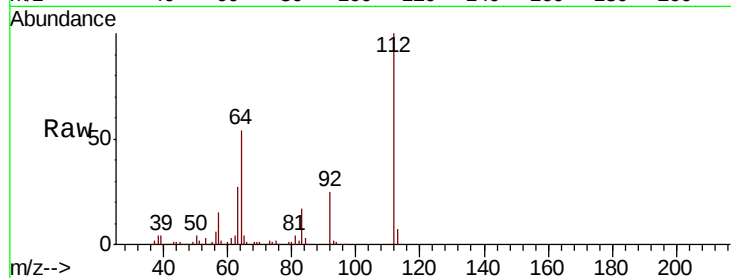
Tgt Ion: 112 Resp: 412275

Ion Ratio Lower Upper

112 100

64 54.3 55.4 83.2#

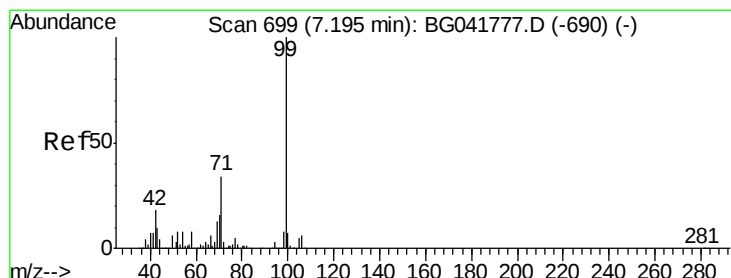
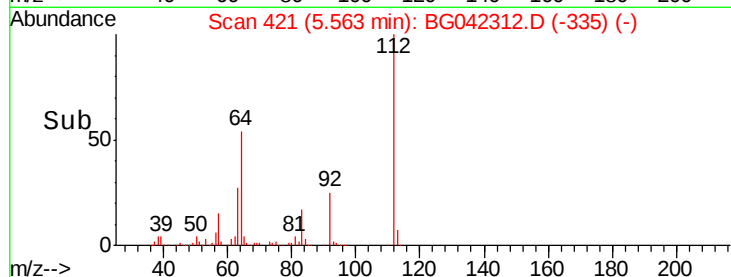
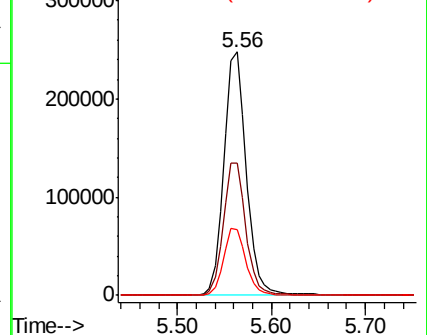
63 27.1 29.1 43.7#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 114.848 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

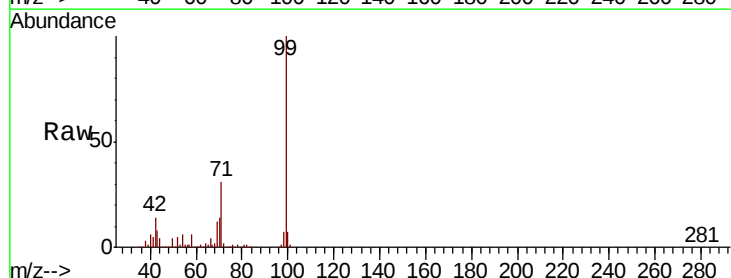
Tgt Ion: 99 Resp: 495085

Ion Ratio Lower Upper

99 100

42 14.1 17.6 26.4#

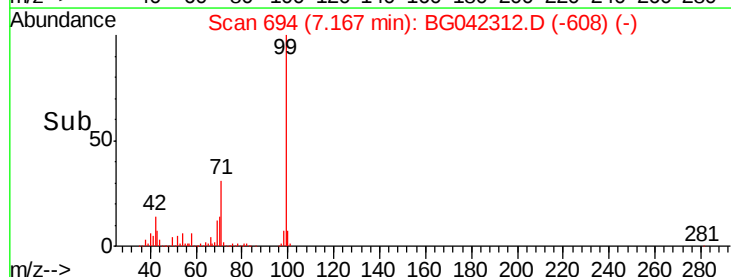
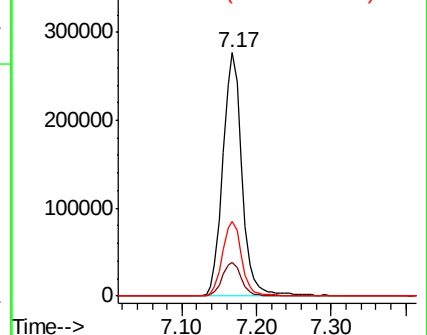
71 30.7 27.8 41.6

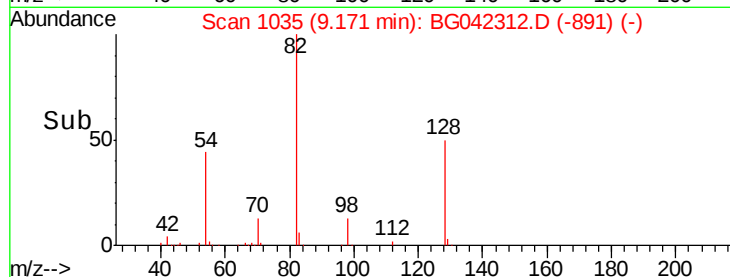
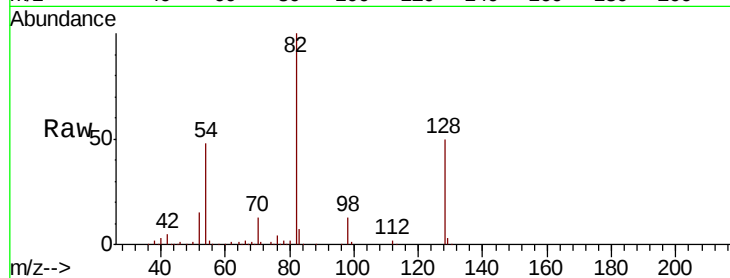
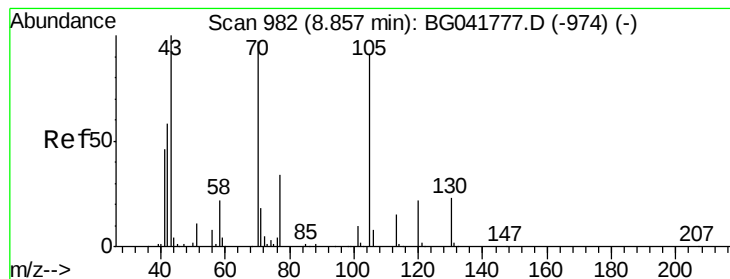


Abundance Ion 99.00 (98.70 to 99.70): BGC

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: 14.550 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.31 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Instrument :

BNA_G

ClientSampleId :

TP-19

Tgt Ion: 70 Resp: 45536

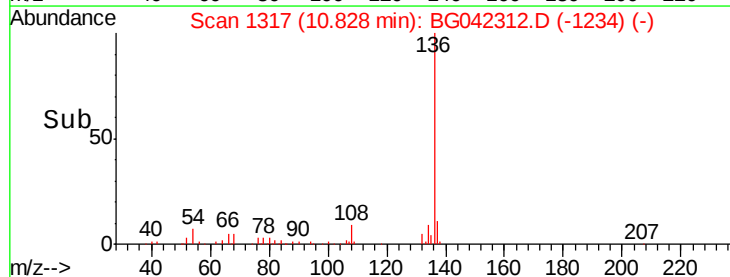
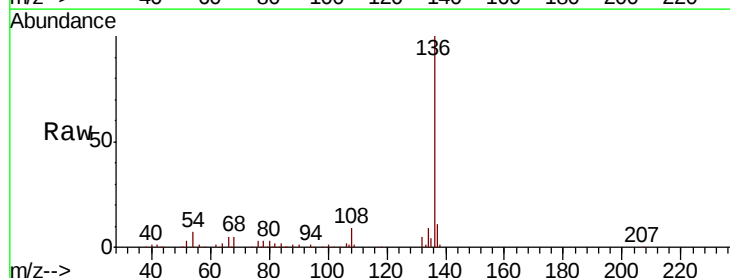
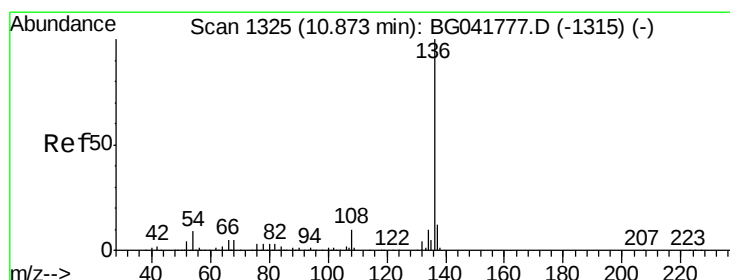
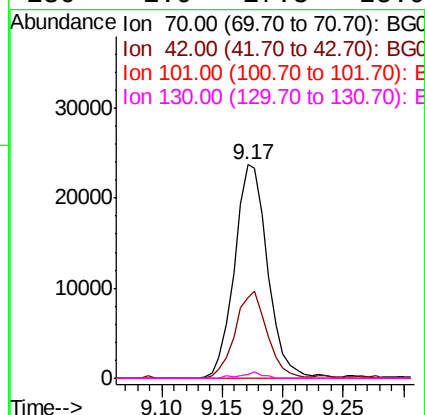
Ion Ratio Lower Upper

70 100

42 37.5 55.8 83.6#

101 0.0 8.1 12.1#

130 1.9 17.3 25.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.04 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Tgt Ion: 136 Resp: 229857

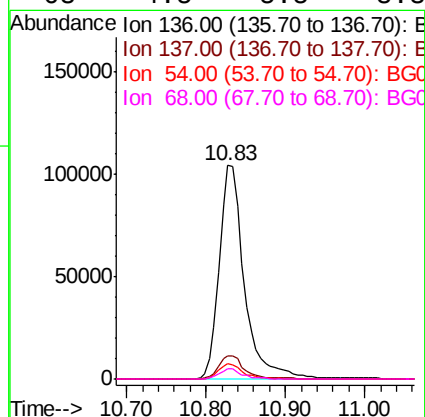
Ion Ratio Lower Upper

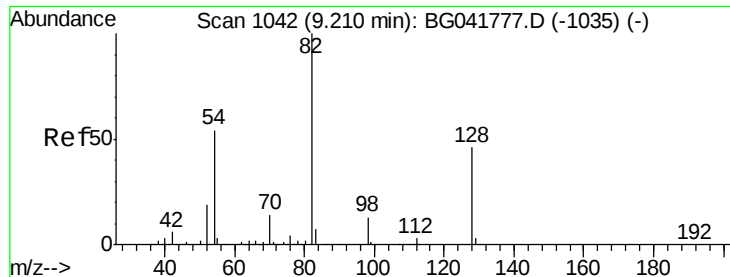
136 100

137 10.9 9.2 13.8

54 7.0 8.7 13.1#

68 4.5 5.5 8.3#

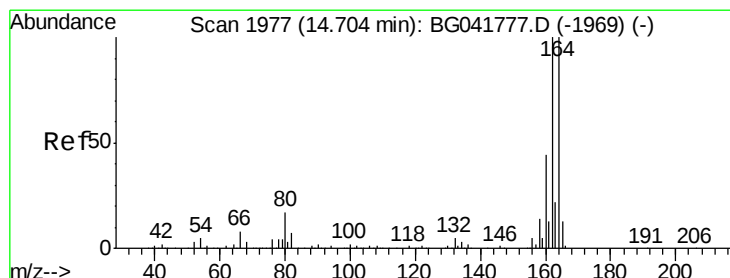
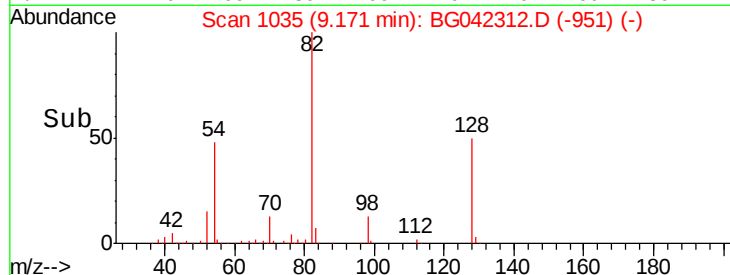
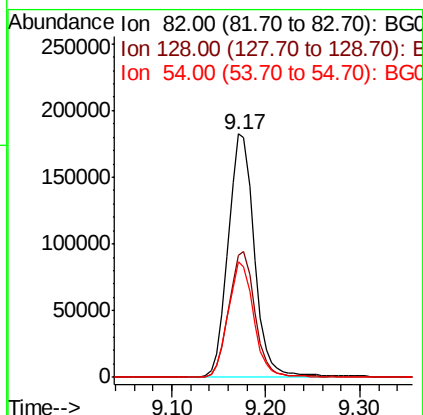
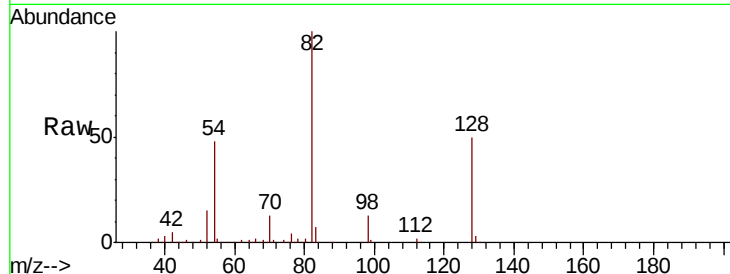




#23
Nitrobenzene-d5
Concen: 106.466 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BG042312.D
Acq: 18 Aug 2019 7:29

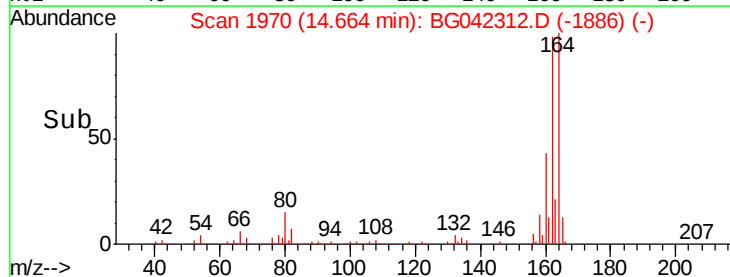
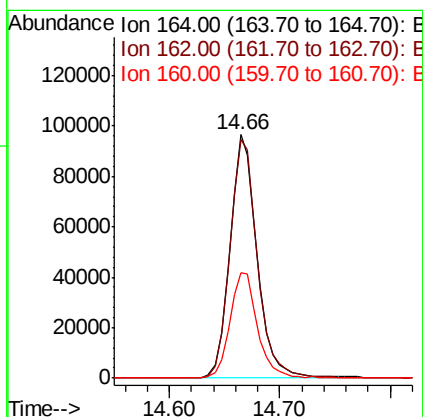
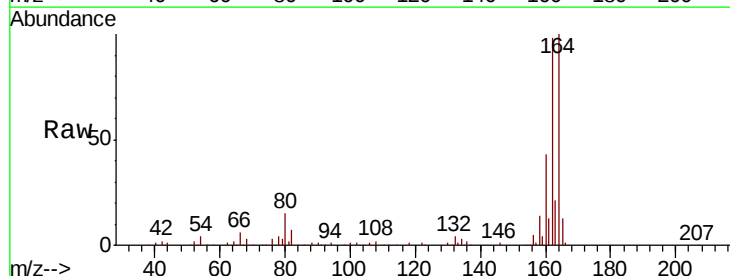
Instrument :
BNA_G
ClientSampled :
TP-19

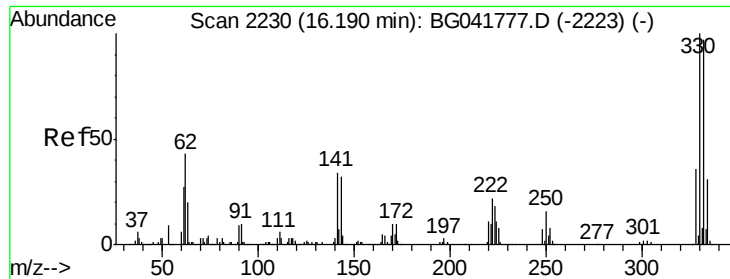
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.3	35.1	52.7
54	47.6	48.7	73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG042312.D
Acq: 18 Aug 2019 7:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.6	119.4
160	43.3	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 188.616 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.03 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Instrument :

BNA_G

ClientSampled :

TP-19

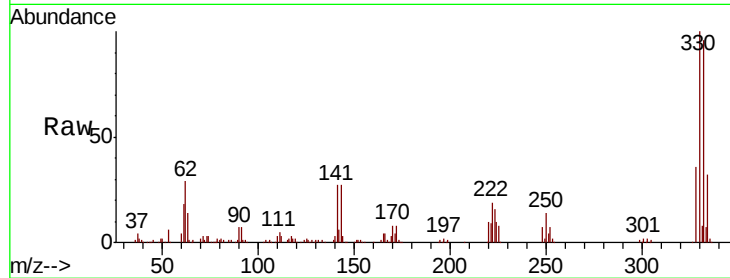
Tgt Ion:330 Resp: 353787

Ion Ratio Lower Upper

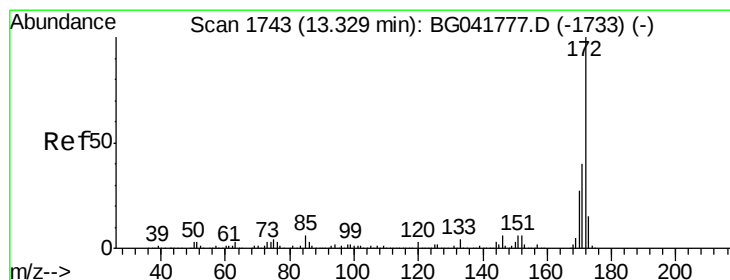
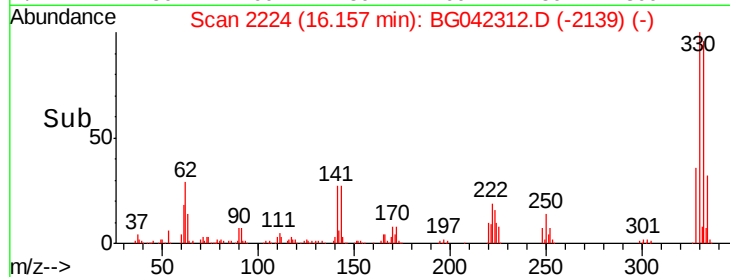
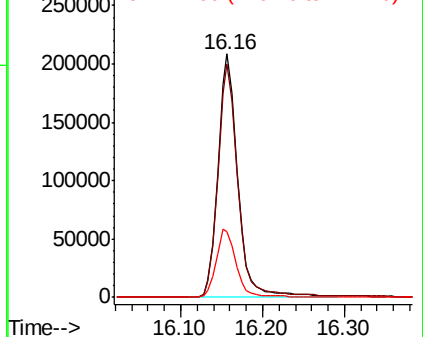
330 100

332 97.6 77.4 116.0

141 28.6 31.9 47.9#



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: 115.360 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.04 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

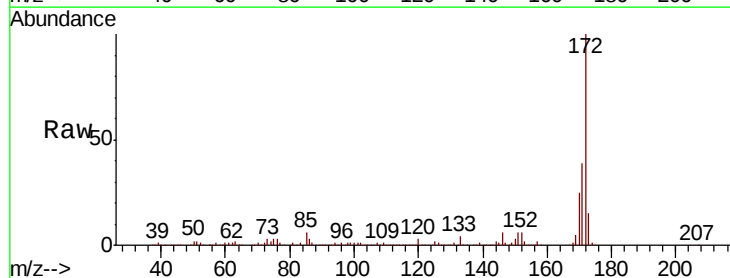
Tgt Ion:172 Resp: 1080097

Ion Ratio Lower Upper

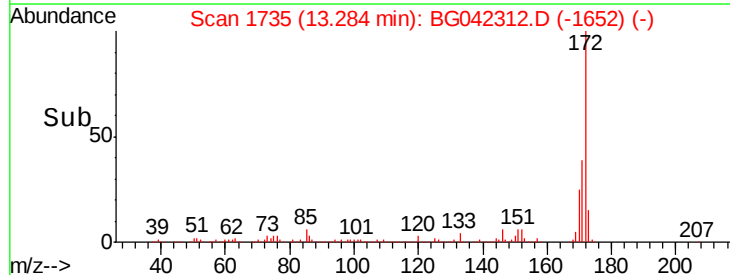
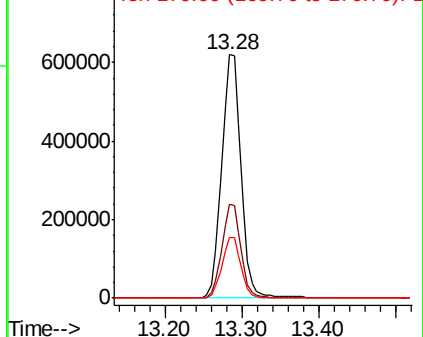
172 100

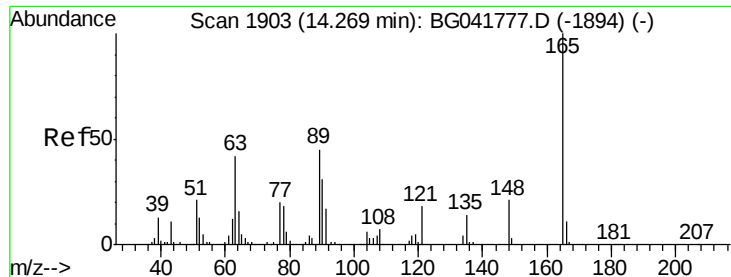
171 38.7 35.0 52.4

170 25.1 23.5 35.3



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

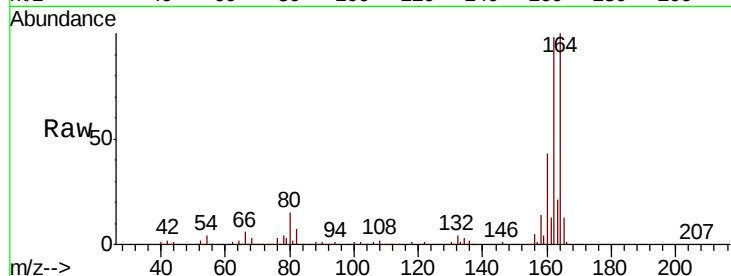




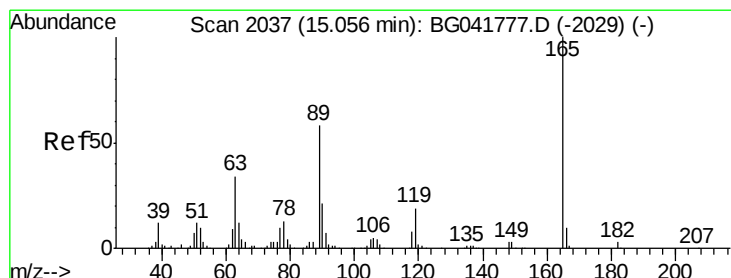
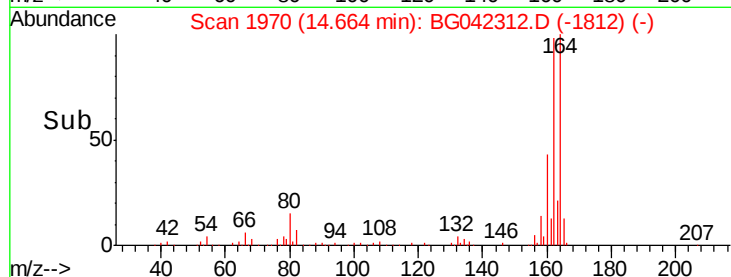
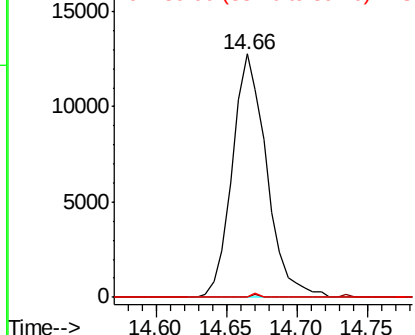
#51
 2,6-Dinitrotoluene
 Concen: 9.198 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	0.0	42.1	63.1#



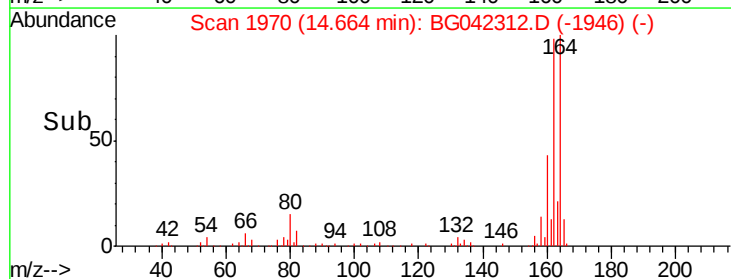
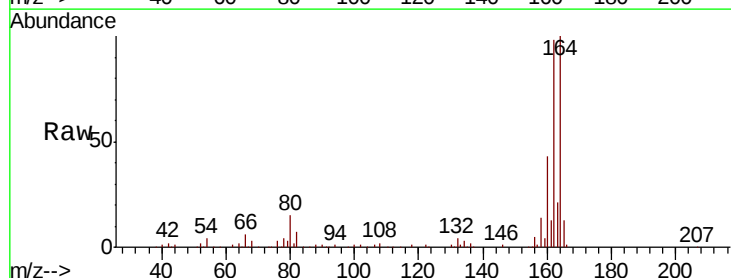
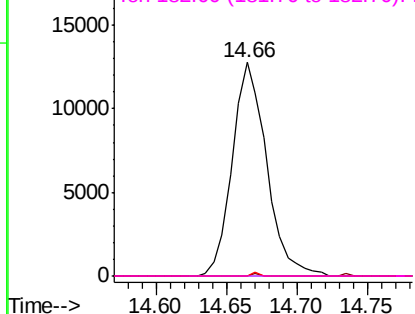
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

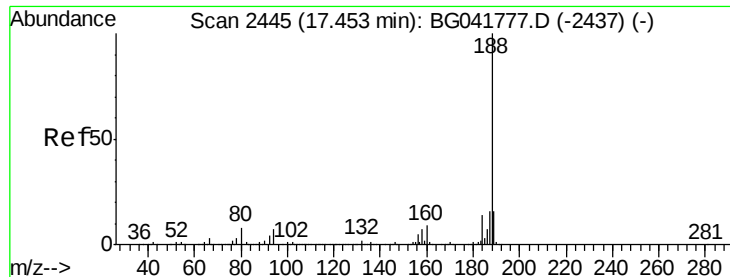


#57
 2,4-Dinitrotoluene
 Concen: 6.688 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.39 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#

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# 2438

Delta R.T. -0.04 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Instrument :

BNA_G

ClientSampleId :

TP-19

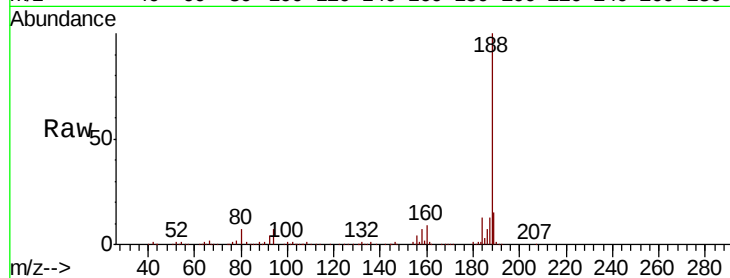
Tgt Ion:188 Resp: 405701

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

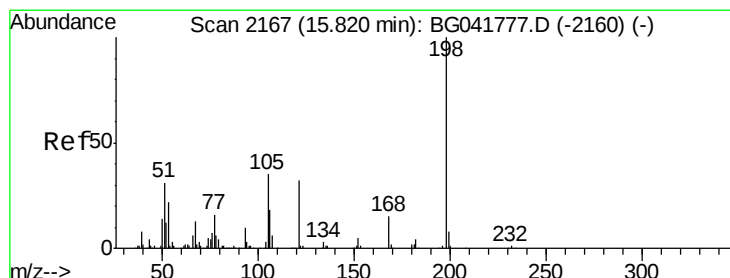
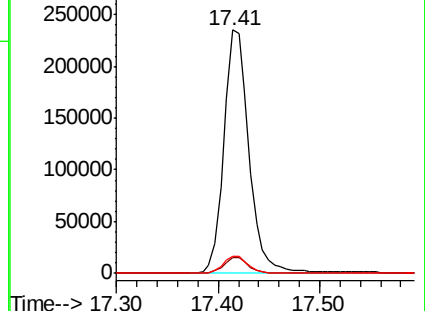
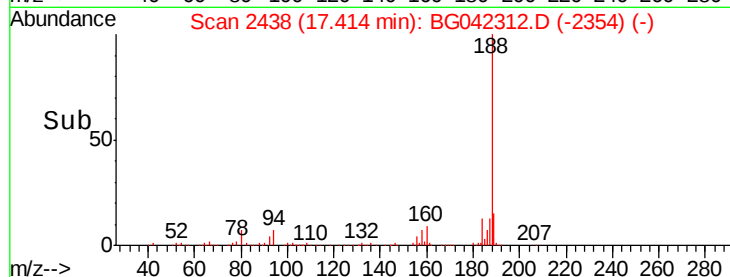
80 7.1 8.0 12.0#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.225 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.33 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

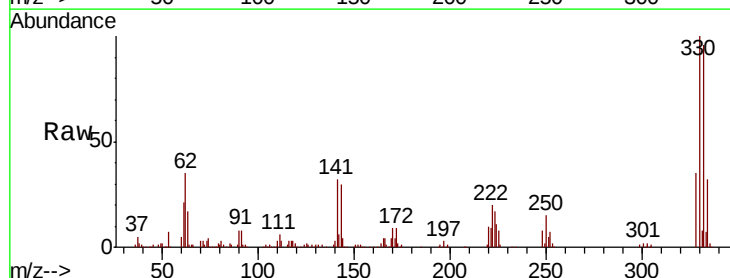
Tgt Ion:198 Resp: 864

Ion Ratio Lower Upper

198 100

51 93.5 22.3 62.3#

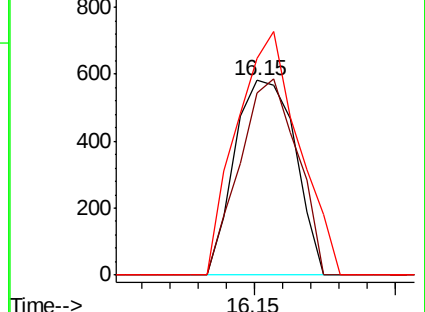
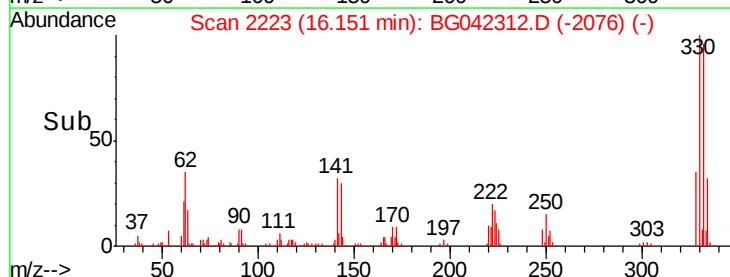
105 111.5 18.0 58.0#

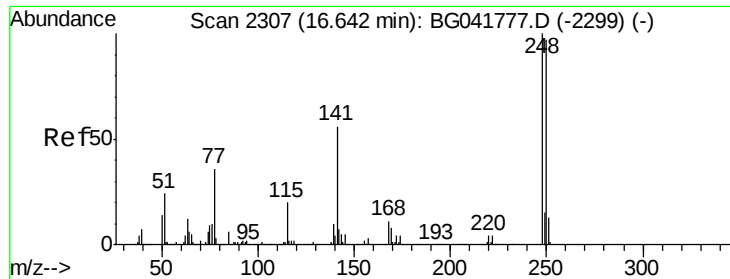


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

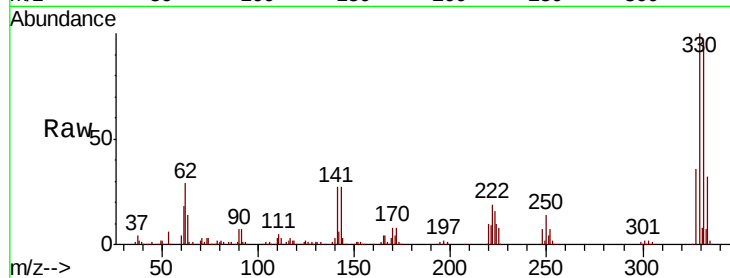




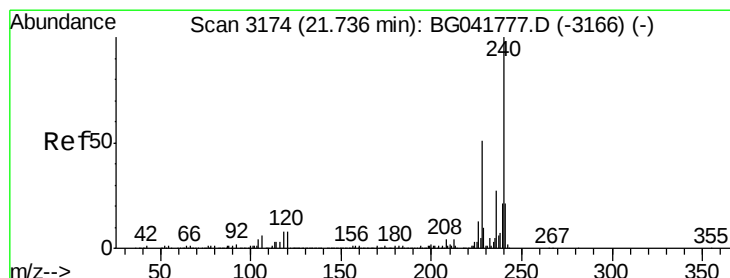
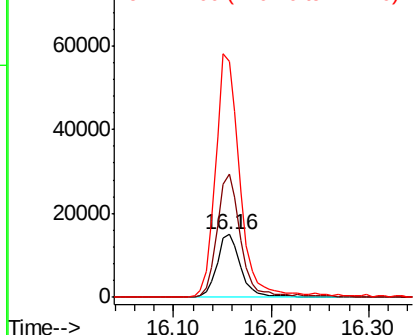
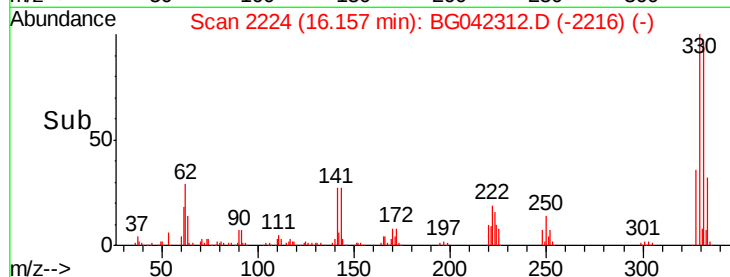
#67
 4-Bromophenyl-phenylether
 Concen: 5.056 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.49 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Tgt Ion:248 Resp: 25267
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.1 117.1#
 141 377.6 49.6 74.4#

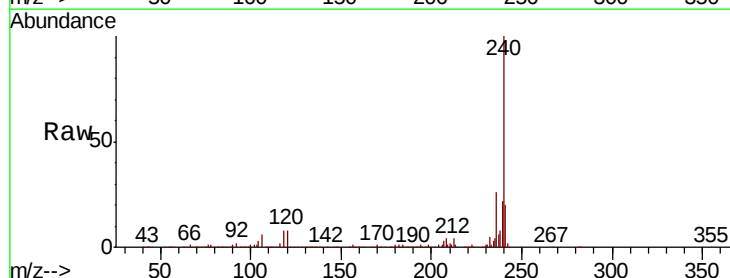


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

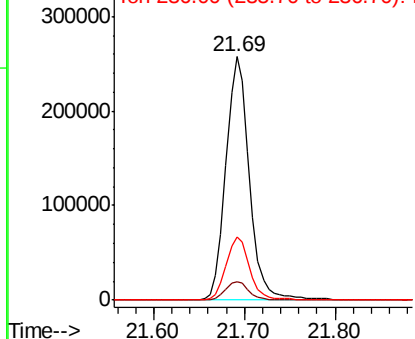
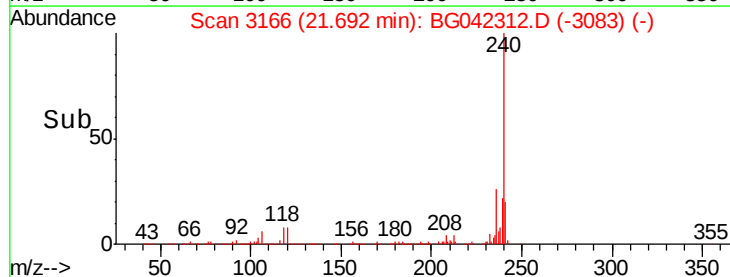


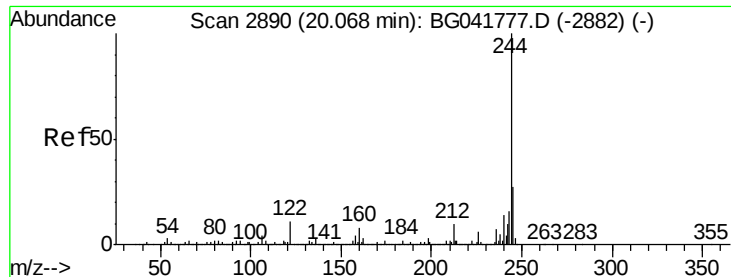
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Tgt Ion:240 Resp: 462186
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.0 12.0#
 236 25.9 22.6 33.8



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: 103.205 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.04 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Instrument :

BNA_G

ClientSampleId :

TP-19

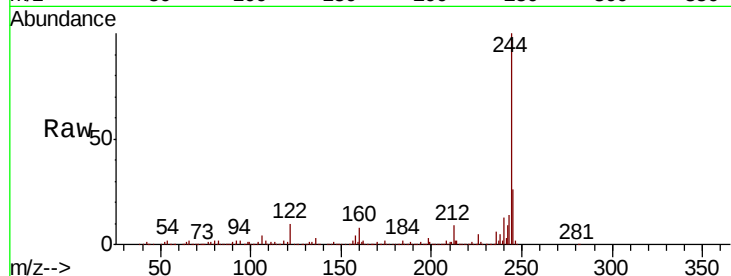
Tgt Ion:244 Resp: 2084551

Ion Ratio Lower Upper

244 100

212 8.9 9.7 14.5#

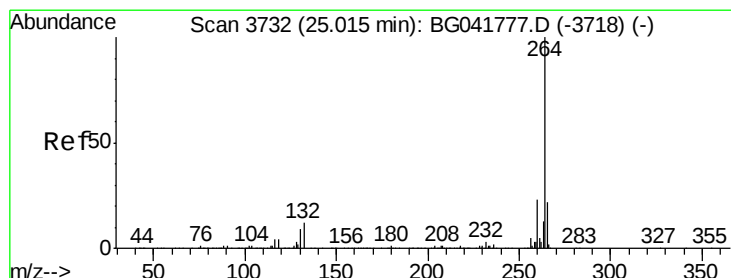
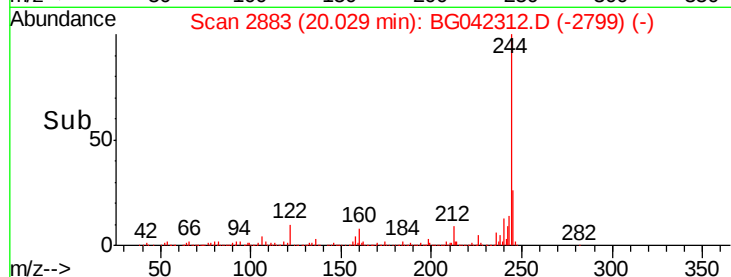
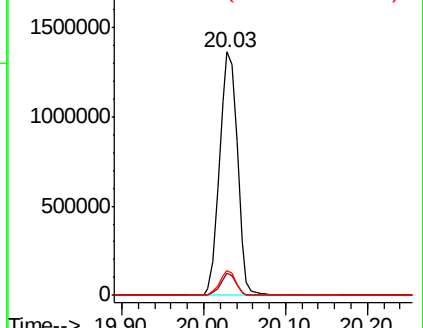
122 10.3 12.5 18.7#



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: 24.93 min Scan# 3718

Delta R.T. -0.08 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

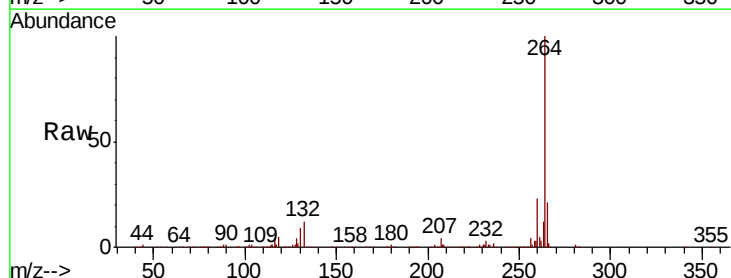
Tgt Ion:264 Resp: 518333

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.5 18.0 27.0



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

