

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
 Data File : BG041760.D
 Acq On : 23 Jul 2019 17:49
 Operator : HP/JU
 Sample : K3928-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

Quant Time: Jul 24 01:13:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	103425	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	403409	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	275248	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	589256	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	625749	20.00	ng	-0.02
87) Perylene-d12	24.84	264	733976	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	161090	25.46	ng	0.00
7) Phenol-d6	7.19	99	134458	15.80	ng	-0.01
23) Nitrobenzene-d5	9.20	82	491150	74.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	242343	78.12	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1236478	69.56	ng	-0.01
79) Terphenyl-d14	20.00	244	1893860	70.73	ng	-0.01

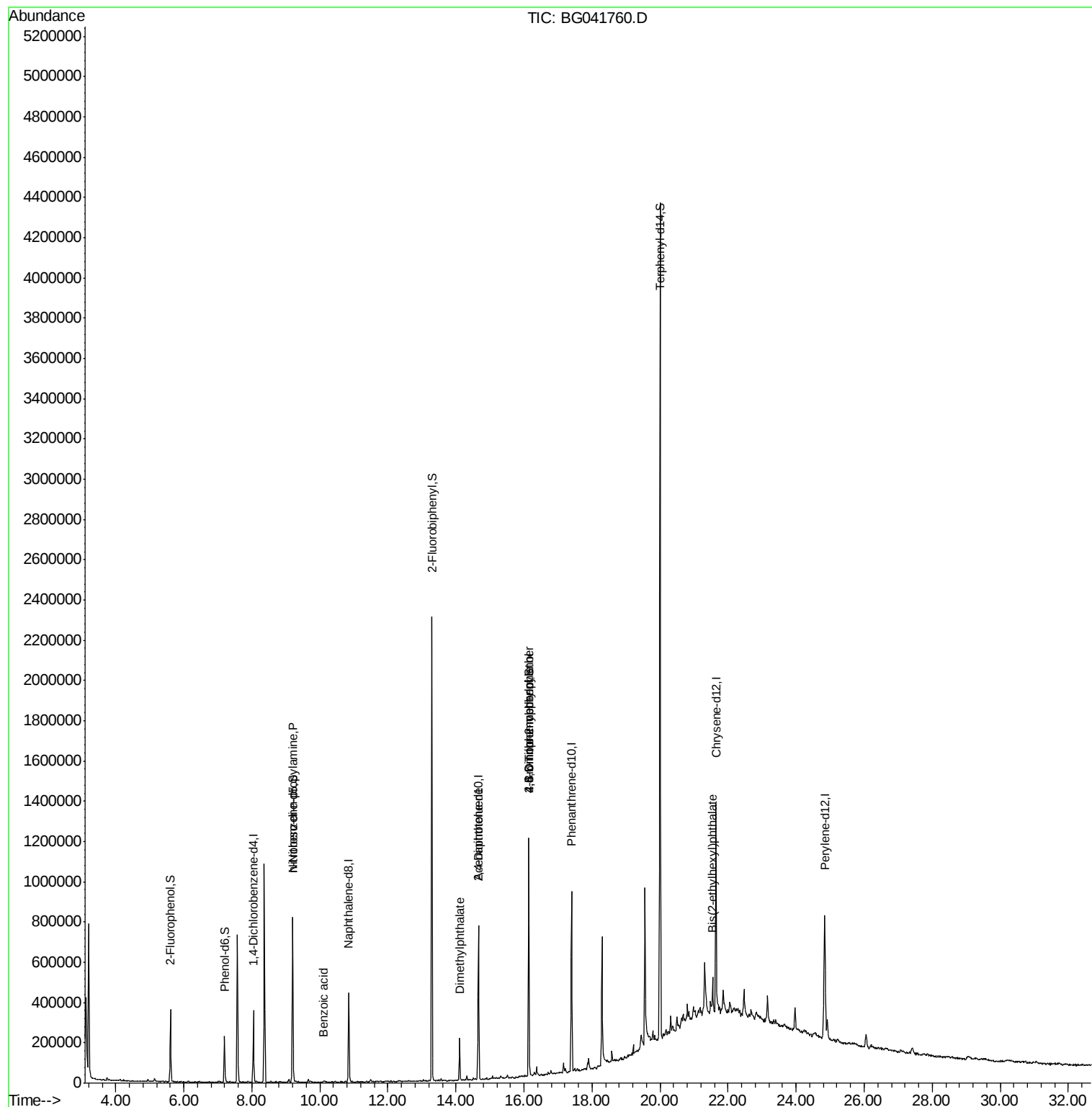
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.19	77	301	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.20	70	67136	10.794	ng	# 69
32) Benzoic acid	10.12	122	54	6.023	ng	# 1
50) Dimethylphthalate	14.11	163	147415	6.819	ng	97
57) 2,4-Dinitrotoluene	14.66	165	35952	5.931	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.14	198	2365	7.402	ng	83
67) 4-Bromophenyl-phenylether	16.14	248	17110	2.440	ng	# 1
77) Benzidine	20.00	184	30729	Below Cal	#	87
84) Bis(2-ethylhexyl)phthalate	21.55	149	64339	2.591	ng	# 97

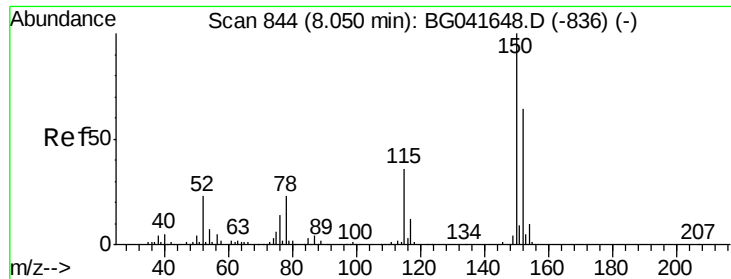
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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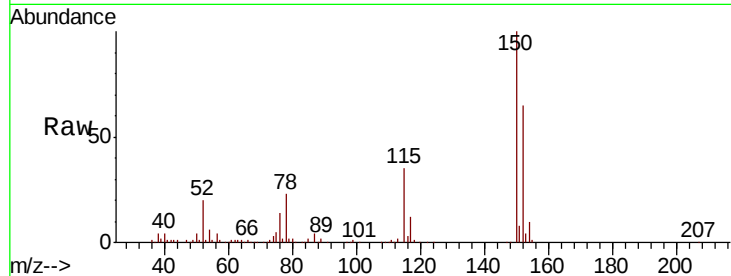


#1

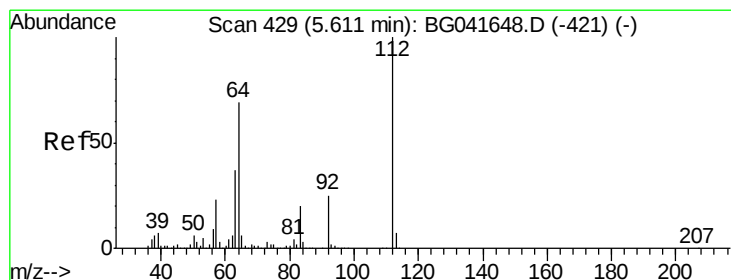
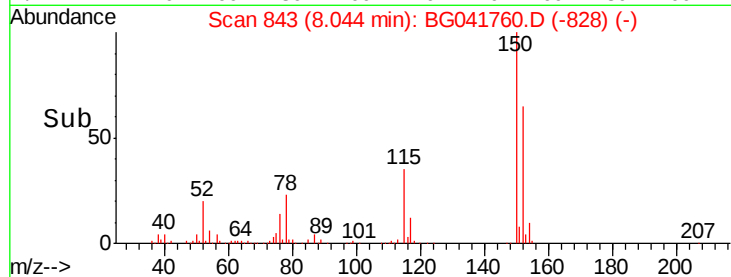
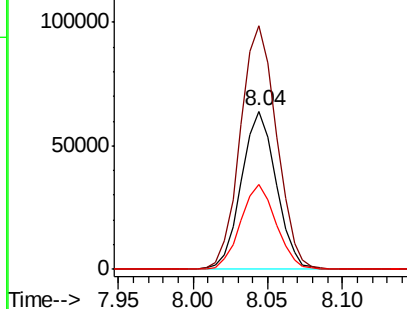
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

Tgt Ion:152 Resp: 103425
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 53.3 45.0 67.6



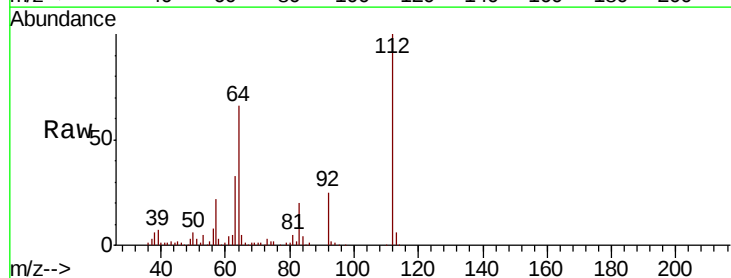
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



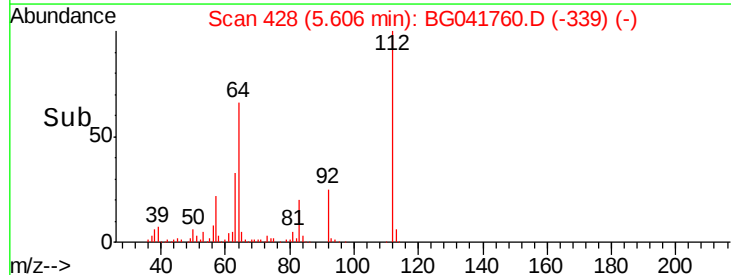
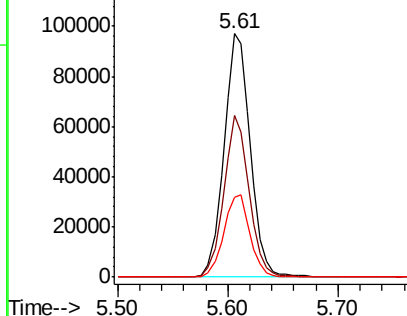
#5

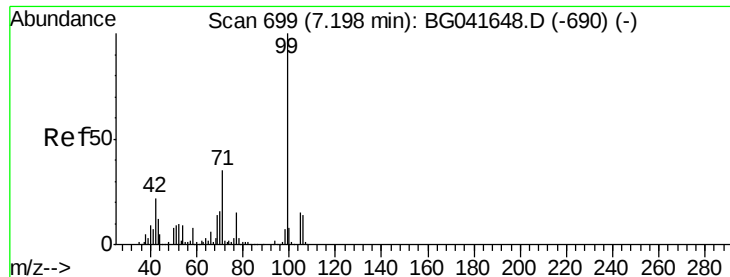
2-Fluorophenol
Concen: 25.462 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

Tgt Ion:112 Resp: 161090
Ion Ratio Lower Upper
112 100
64 66.4 55.4 83.2
63 32.7 29.1 43.7



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: 15.801 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

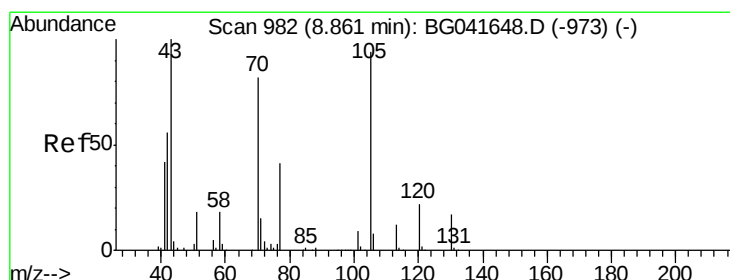
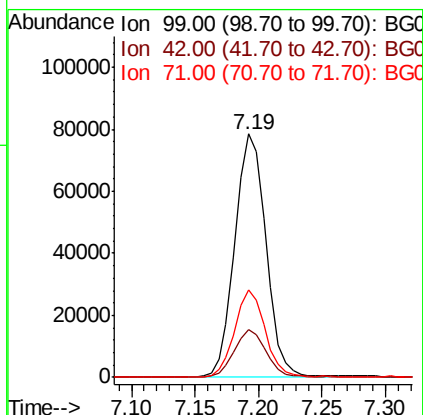
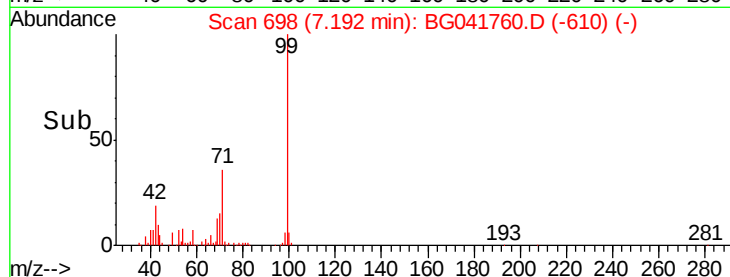
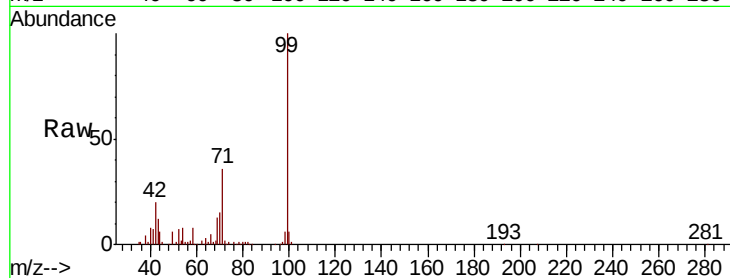
Tgt Ion: 99 Resp: 134458

Ion Ratio Lower Upper

99 100

42 19.7 17.6 26.4

71 35.7 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.794 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Tgt Ion: 70 Resp: 67136

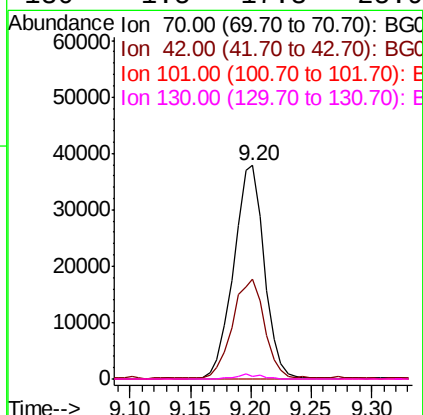
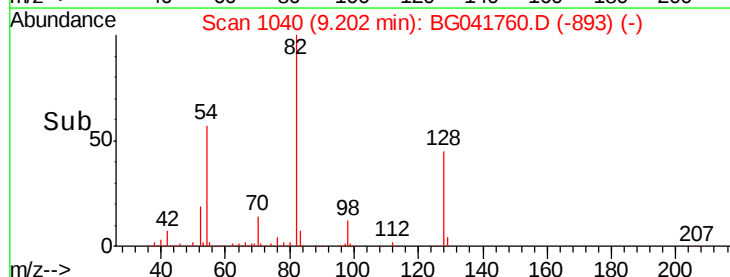
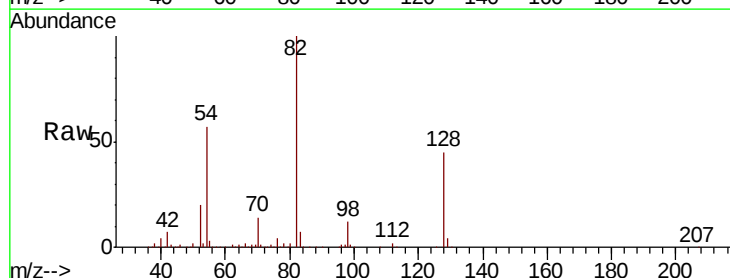
Ion Ratio Lower Upper

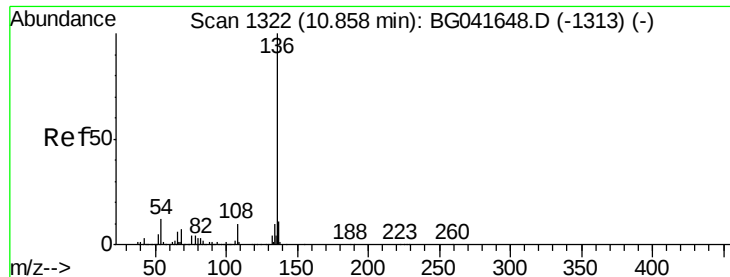
70 100

42 47.0 55.8 83.6#

101 0.0 8.1 12.1#

130 1.5 17.3 25.9#

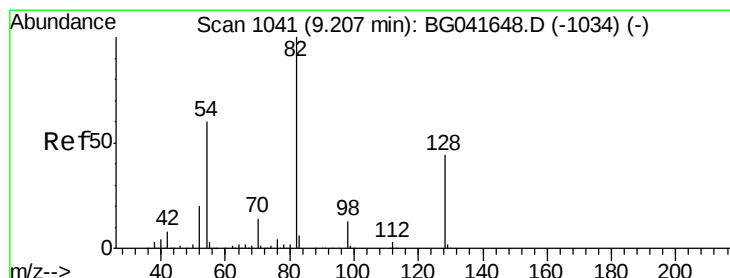
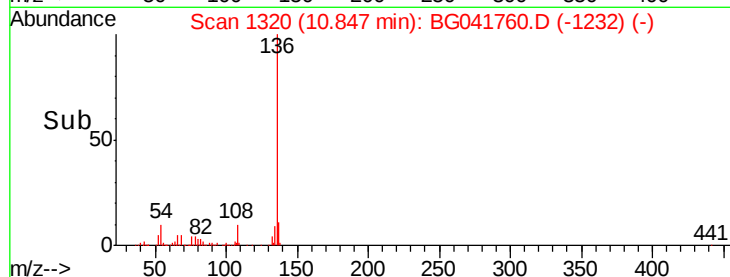
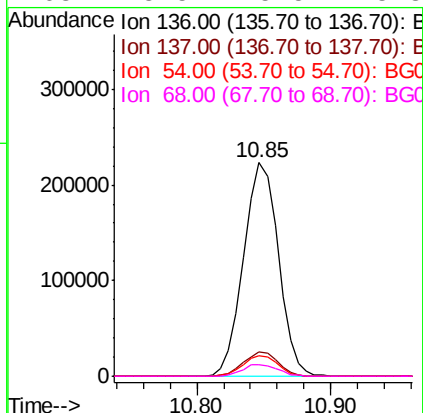
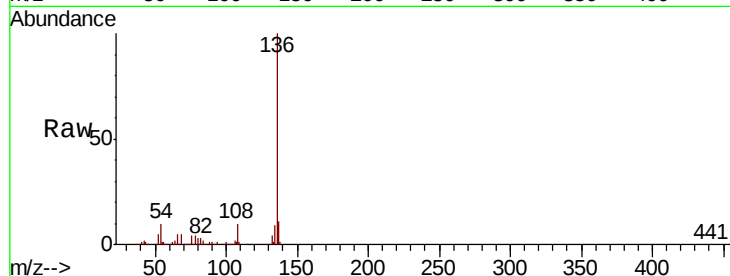




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

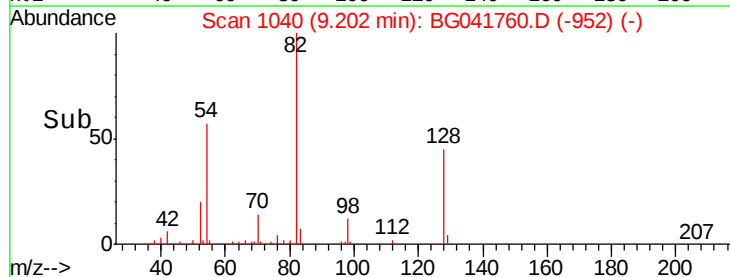
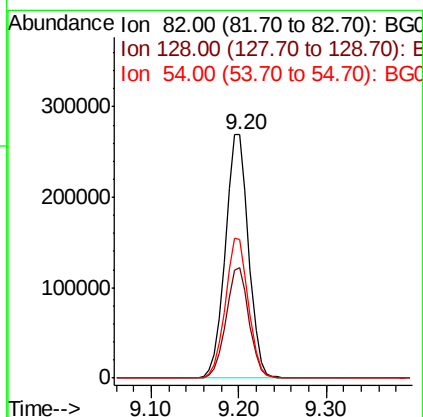
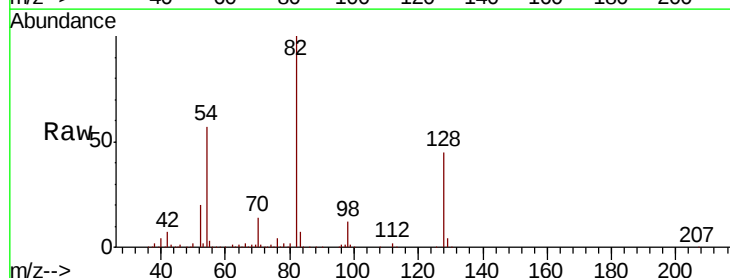
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

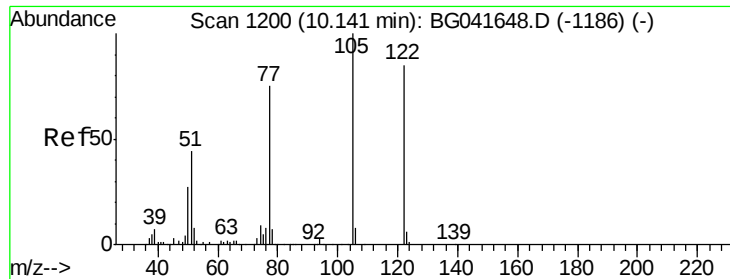
Tgt Ion:	136	Resp:	403409
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.5	8.7	13.1
68	5.5	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 74.042 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

Tgt Ion:	82	Resp:	491150
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	57.0	48.7	73.1

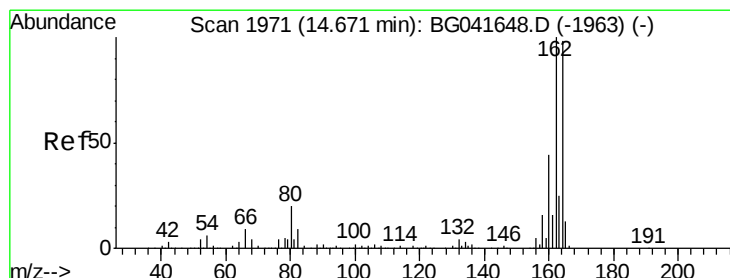
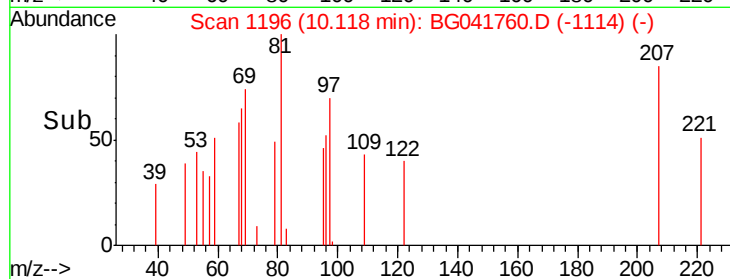
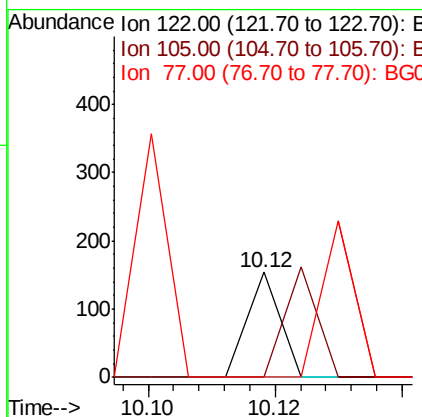
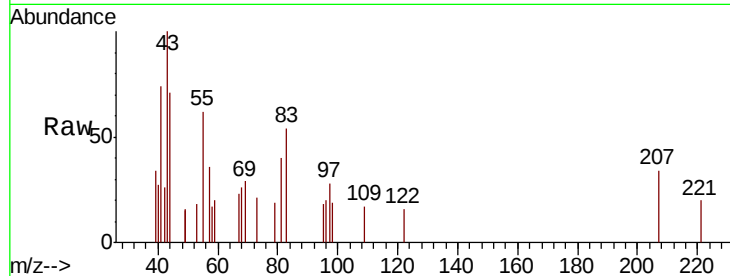




#32
Benzoic acid
Concen: 6.023 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

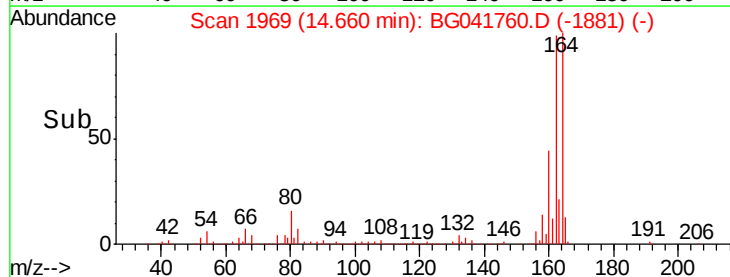
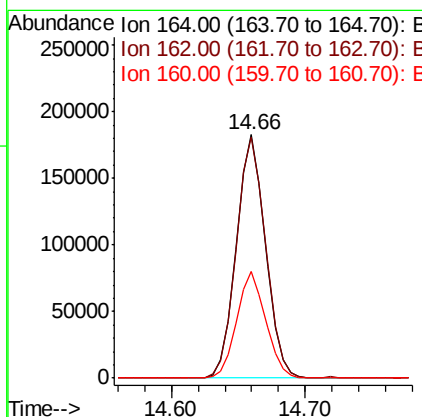
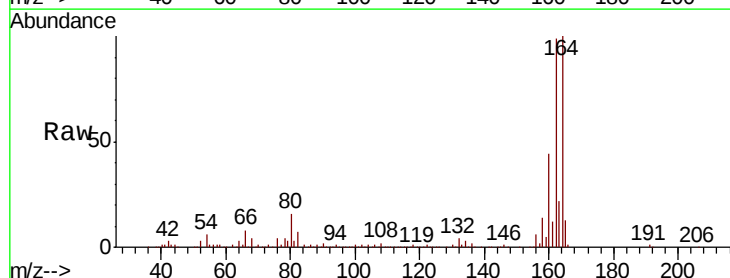
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

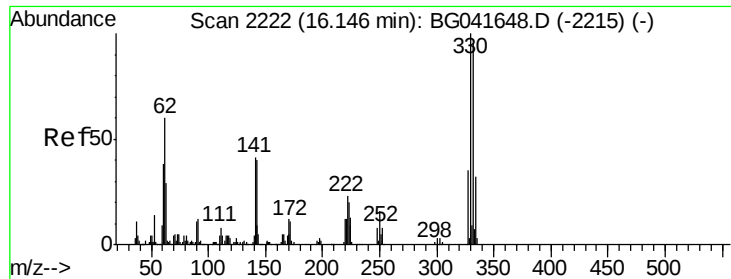
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	0.0	73.0	113.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.6	119.4
160	43.7	35.4	53.0

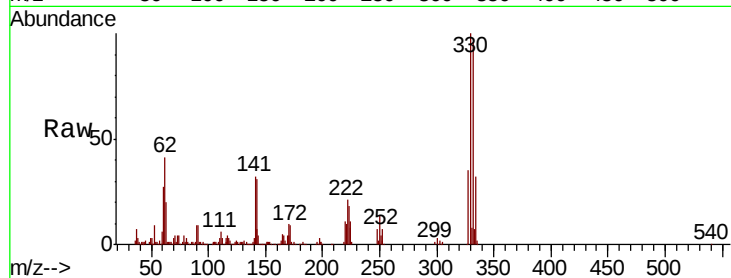




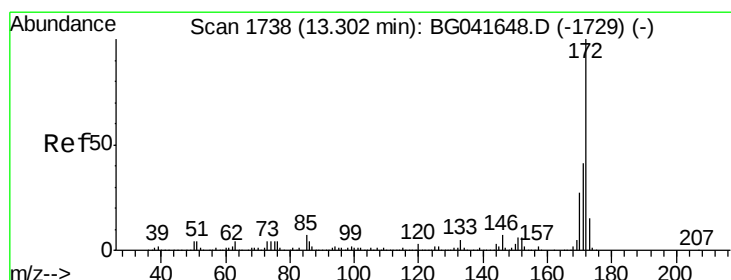
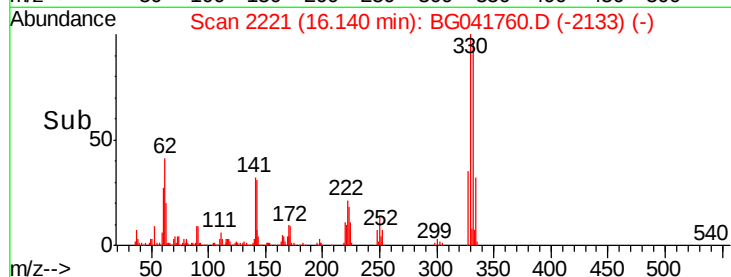
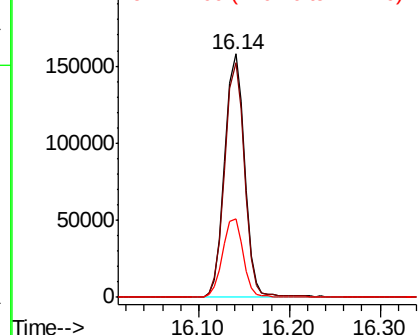
#42
 2,4,6-Tribromophenol
 Concen: 78.125 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG041760.D
 Acq: 23 Jul 2019 17:49

Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

Tgt Ion:330 Resp: 242343
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 33.0 31.9 47.9

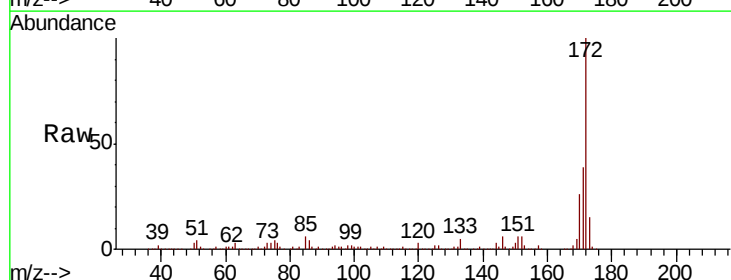


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

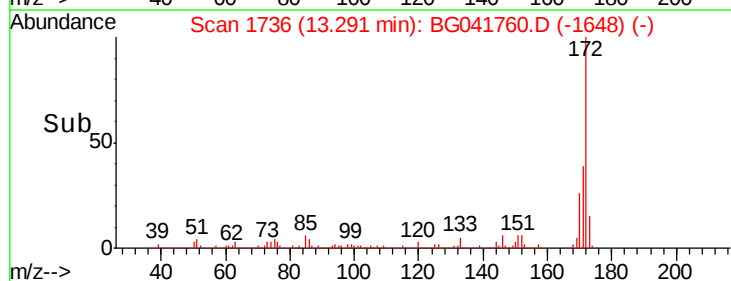
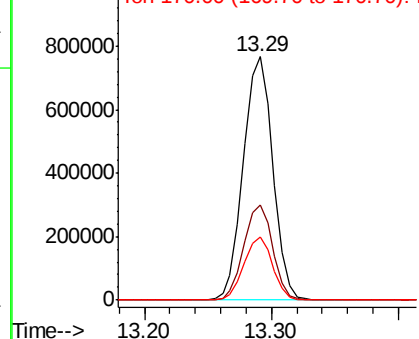


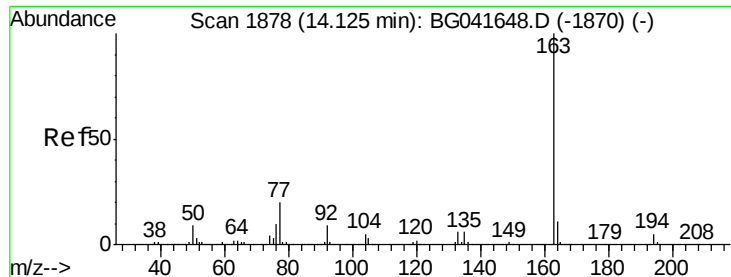
#45
 2-Fluorobiphenyl
 Concen: 69.562 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041760.D
 Acq: 23 Jul 2019 17:49

Tgt Ion:172 Resp: 1236478
 Ion Ratio Lower Upper
 172 100
 171 39.2 35.0 52.4
 170 26.0 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





#50

Dimethylphthalate

Concen: 6.819 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

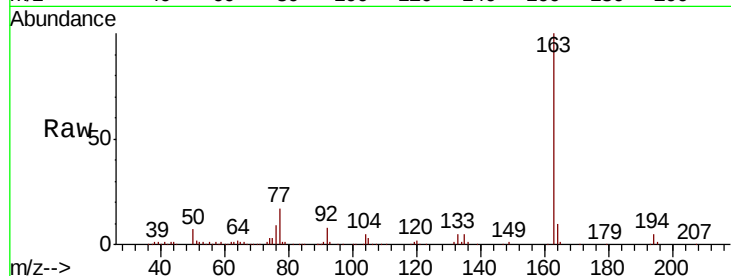
Tgt Ion:163 Resp: 147415

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

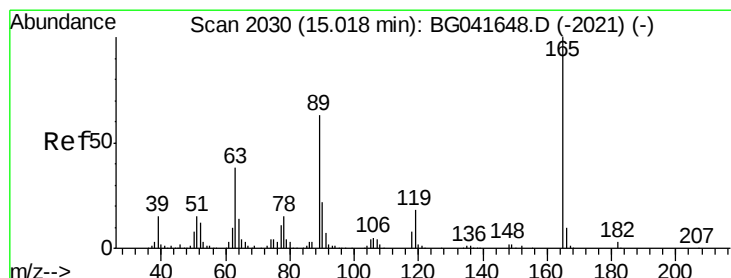
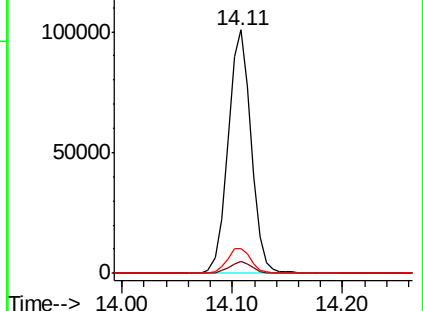
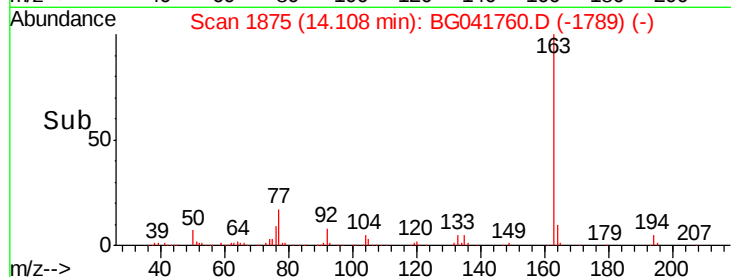
164 10.4 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.931 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.36 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Tgt Ion:165 Resp: 35952

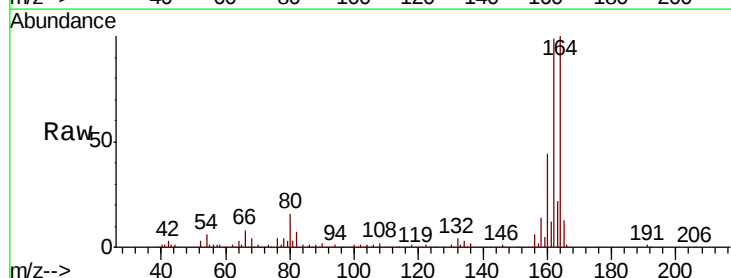
Ion Ratio Lower Upper

165 100

63 1.2 31.7 47.5#

89 2.1 50.2 75.4#

182 0.0 2.6 4.0#

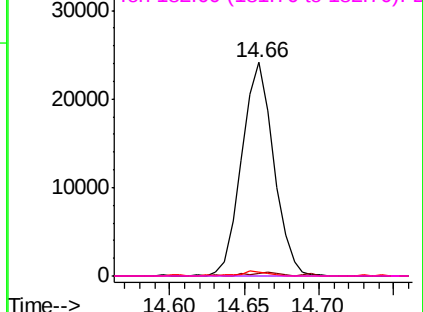
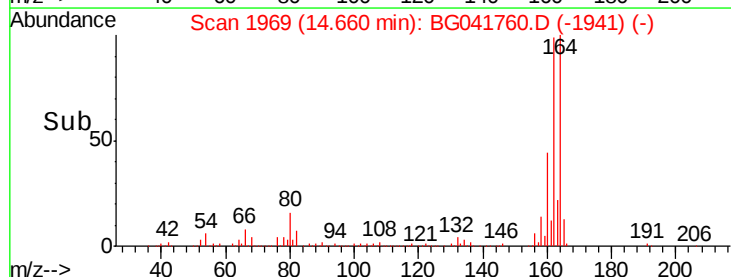


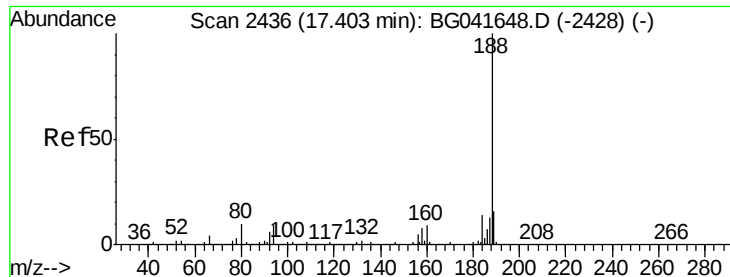
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

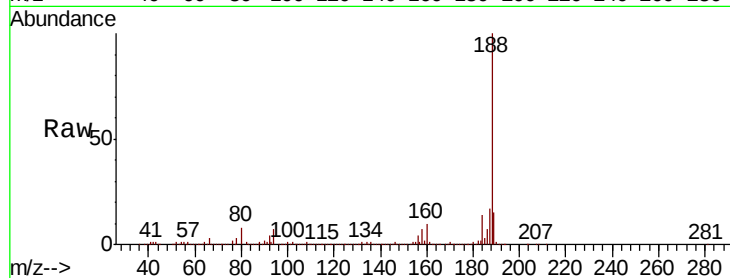
Tgt Ion:188 Resp: 589256

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

80 8.4 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

500000

400000

300000

200000

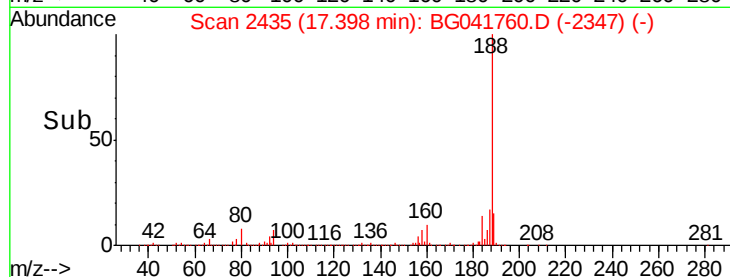
100000

0

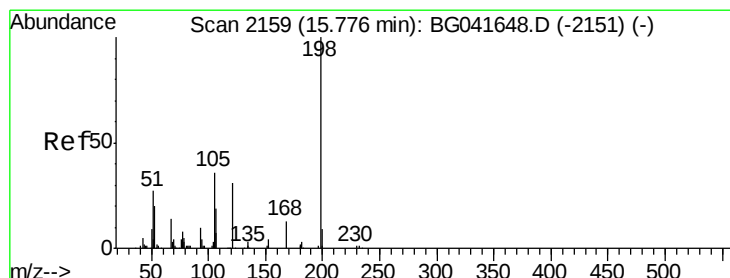
17.30

17.40

17.50



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.402 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.36 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

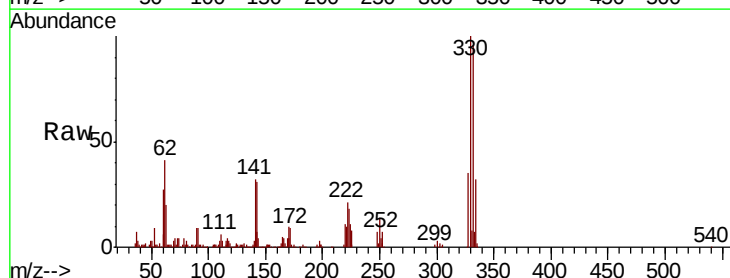
Tgt Ion:198 Resp: 2365

Ion Ratio Lower Upper

198 100

51 44.9 22.3 62.3

105 56.7 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

2000

1500

1000

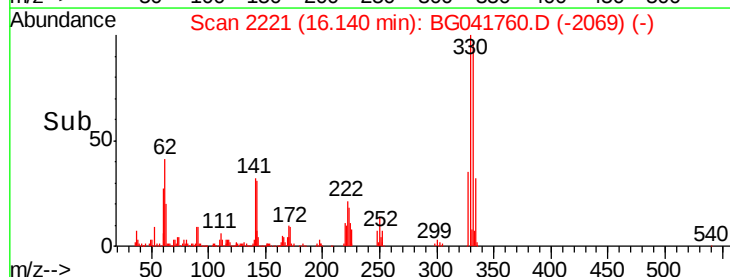
500

0

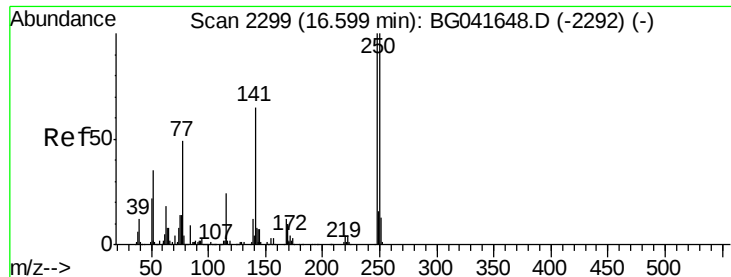
16.10

16.14

16.20



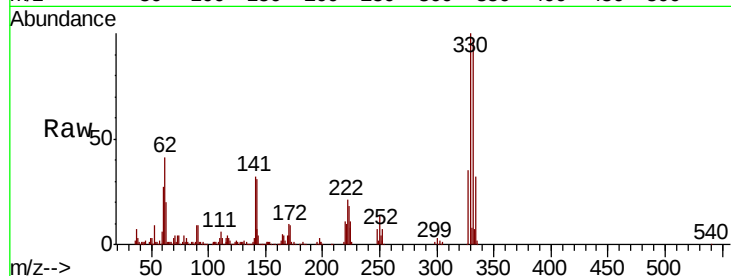
Time-->



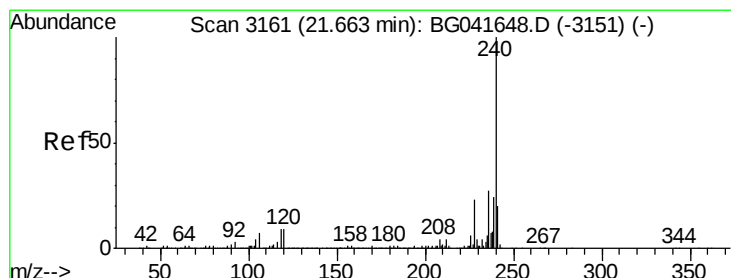
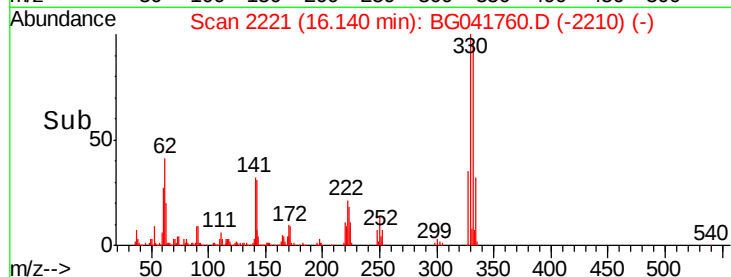
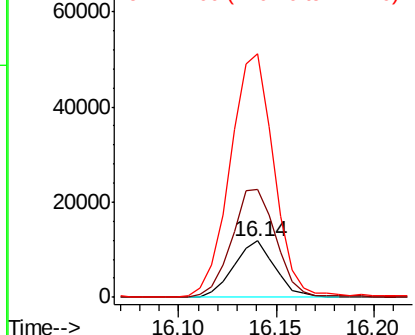
#67
 4-Bromophenyl-phenylether
 Concen: 2.440 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.46 min
 Lab File: BG041760.D
 Acq: 23 Jul 2019 17:49

Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

Tgt Ion:248 Resp: 17110
 Ion Ratio Lower Upper
 248 100
 250 191.1 78.1 117.1#
 141 433.6 49.6 74.4#

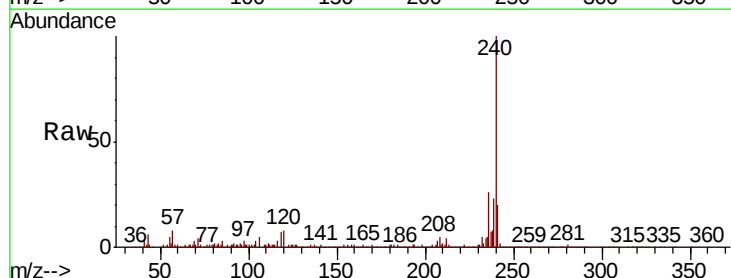


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

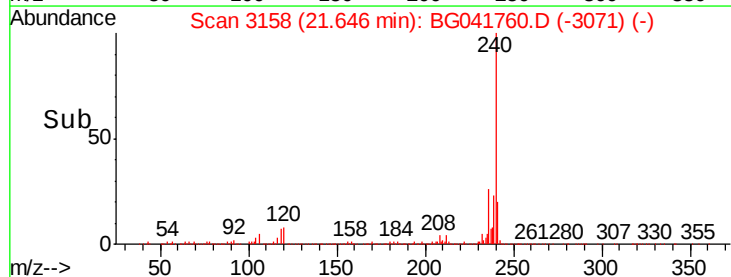
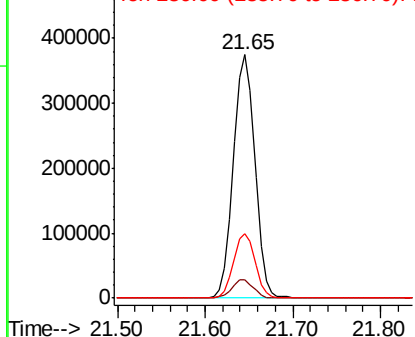


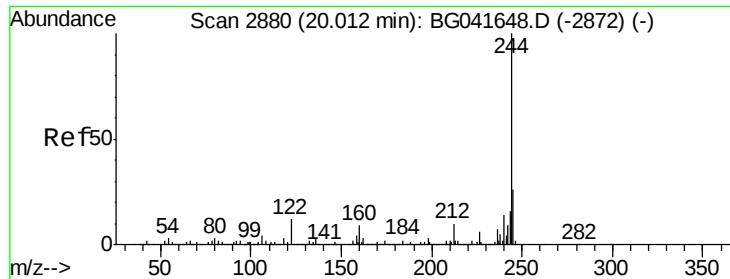
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3158
 Delta R.T. -0.02 min
 Lab File: BG041760.D
 Acq: 23 Jul 2019 17:49

Tgt Ion:240 Resp: 625749
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.0 12.0#
 236 26.5 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: 70.727 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

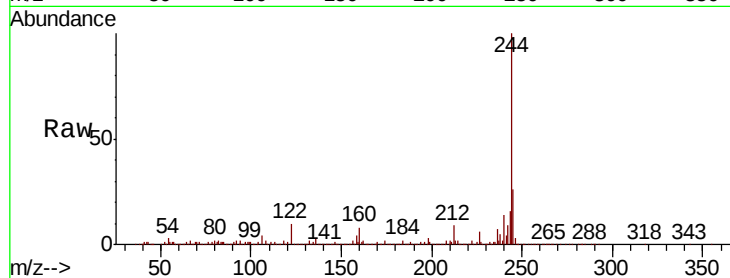
Tgt Ion:244 Resp: 1893860

Ion Ratio Lower Upper

244 100

212 9.4 9.7 14.5#

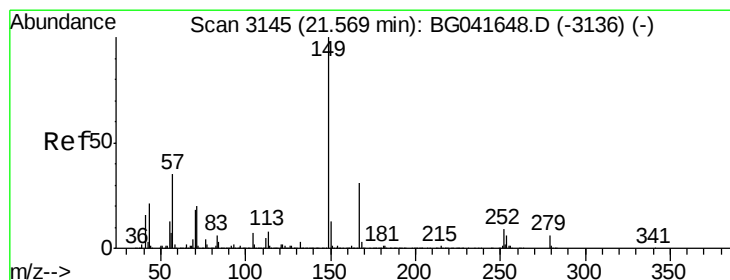
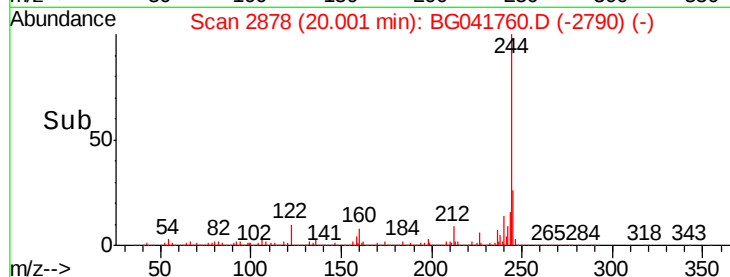
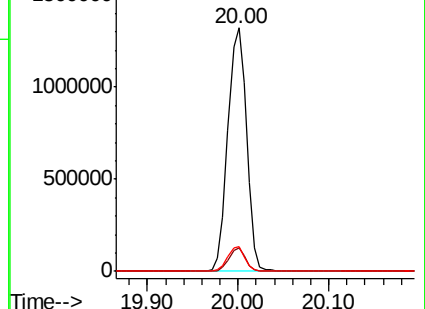
122 10.2 12.5 18.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.591 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

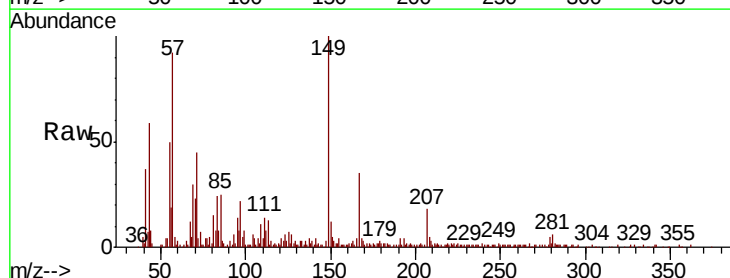
Tgt Ion:149 Resp: 64339

Ion Ratio Lower Upper

149 100

167 35.1 27.0 40.4

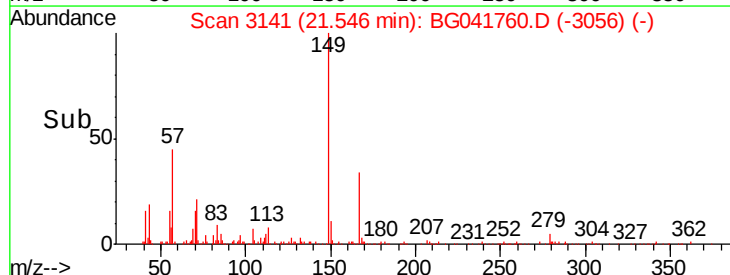
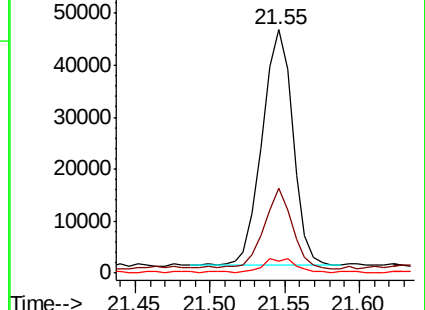
279 4.9 5.0 7.6#

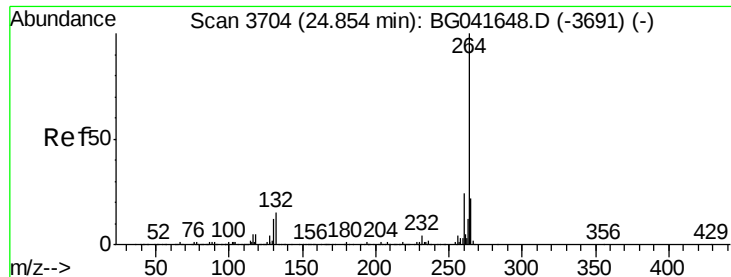


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.84 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	18.0	27.0

