

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
 Data File : BG041764.D
 Acq On : 23 Jul 2019 20:23
 Operator : HP/JU
 Sample : K3618-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-072219

Quant Time: Jul 24 01:14:26 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

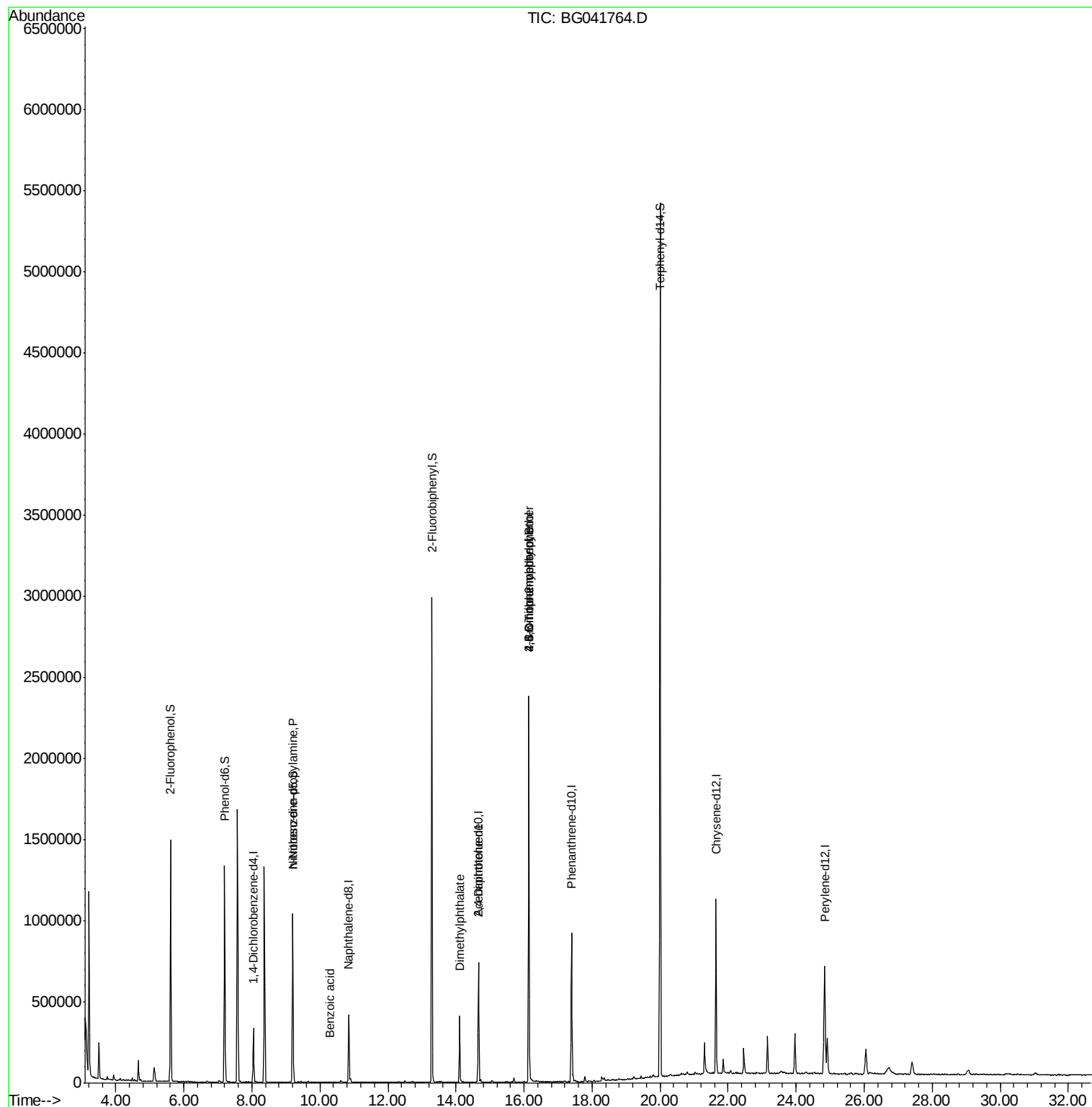
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	99500	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	387397	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	267956	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	594460	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	631277	20.00	ng	-0.02
87) Perylene-d12	24.83	264	740331	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	633494	104.08	ng	0.00
7) Phenol-d6	7.20	99	767765	93.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	618663	97.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	477464	158.11	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1547806	89.45	ng	-0.01
79) Terphenyl-d14	20.00	244	2383966	88.25	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.20	77	1516	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	83902	14.022 ng	#	3
32) Benzoic acid	10.31	122	62	6.025 ng	#	1
50) Dimethylphthalate	14.11	163	296706	14.099 ng		98
57) 2,4-Dinitrotoluene	14.66	165	35333	5.988 ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1507	7.134 ng	#	1
67) 4-Bromophenyl-phenylether	16.14	248	36068	5.099 ng	#	1

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
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QLast Update : Mon Jul 15 16:16:21 2019
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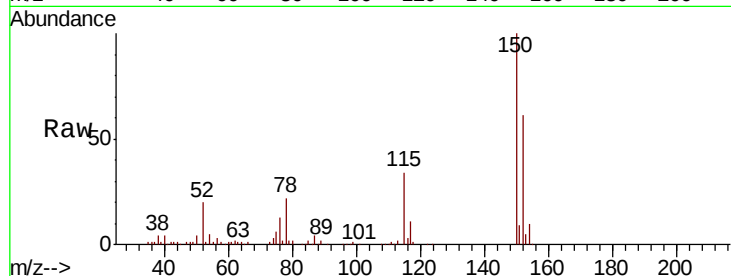


#1

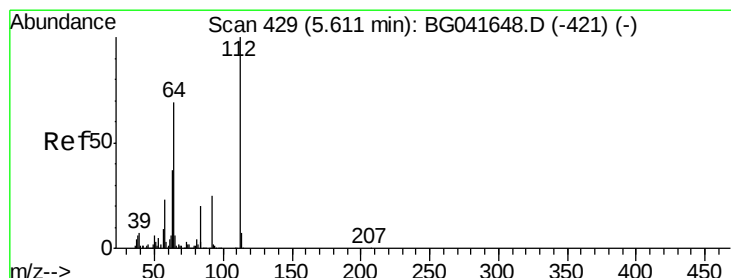
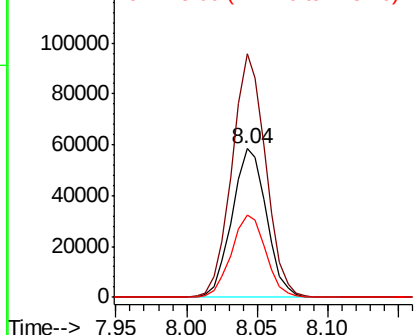
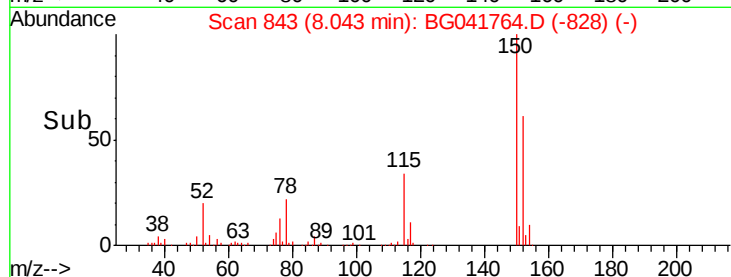
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

Instrument :
BNA_G
ClientSampleId :
HD-02-072219

Tgt Ion:152 Resp: 99500
Ion Ratio Lower Upper
152 100
150 163.7 126.9 190.3
115 55.5 45.0 67.6



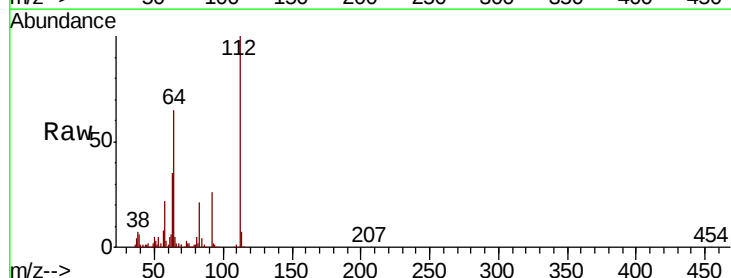
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



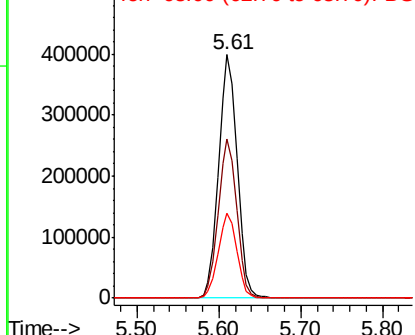
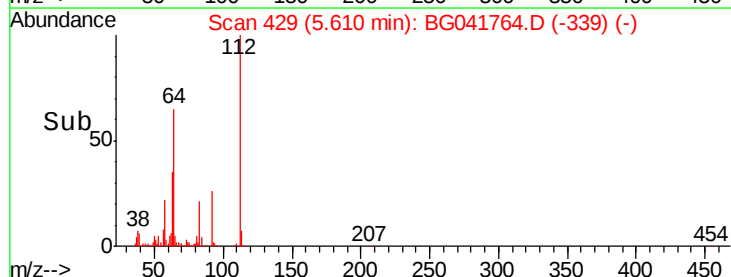
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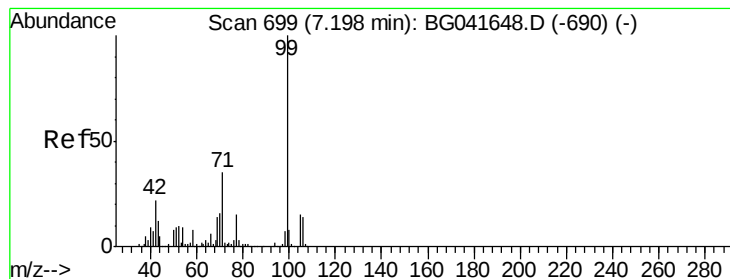
2-Fluorophenol
Concen: 104.081 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

Tgt Ion:112 Resp: 633494
Ion Ratio Lower Upper
112 100
64 65.3 55.4 83.2
63 34.7 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: 93.782 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041764.D

Acq: 23 Jul 2019 20:23

Instrument :

BNA_G

ClientSampleId :

HD-02-072219

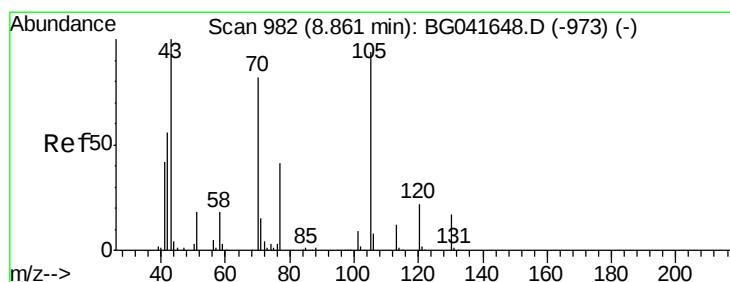
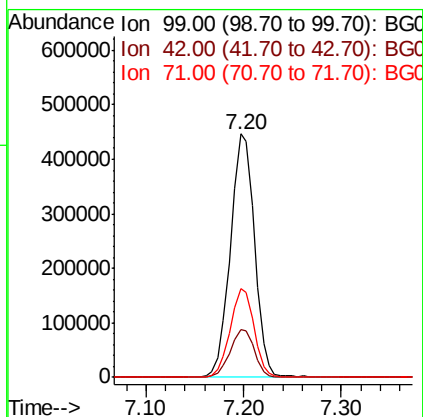
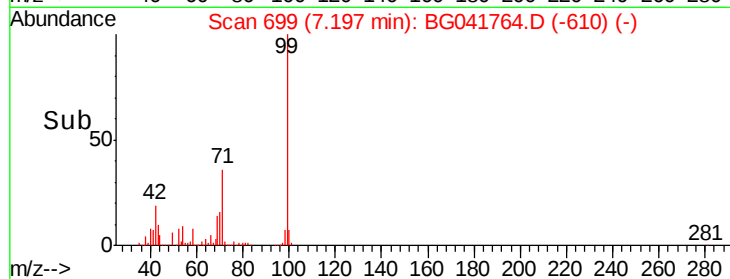
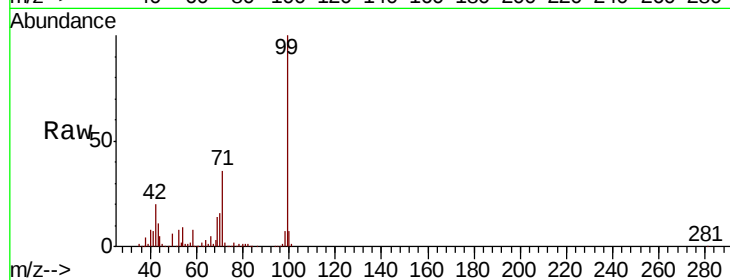
Tgt Ion: 99 Resp: 767765

Ion Ratio Lower Upper

99 100

42 19.6 17.6 26.4

71 36.2 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.022 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG041764.D

Acq: 23 Jul 2019 20:23

Tgt Ion: 70 Resp: 83902

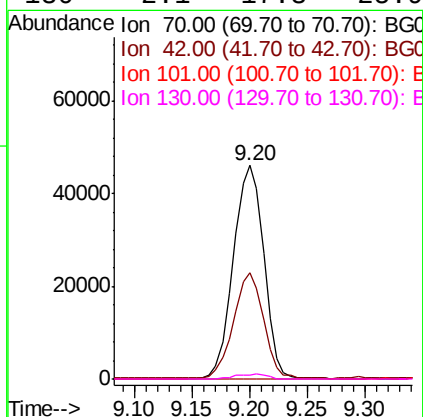
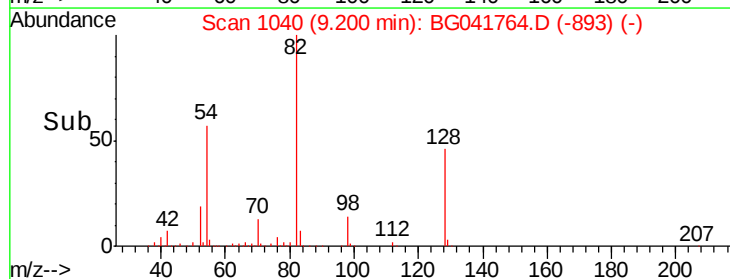
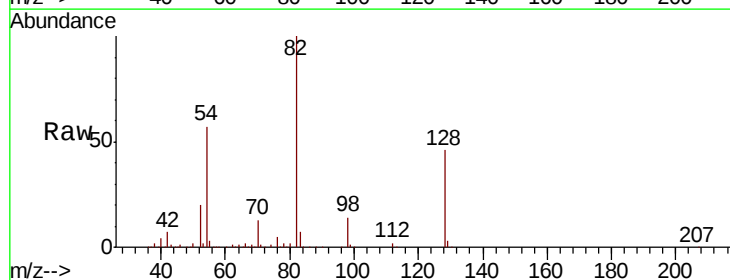
Ion Ratio Lower Upper

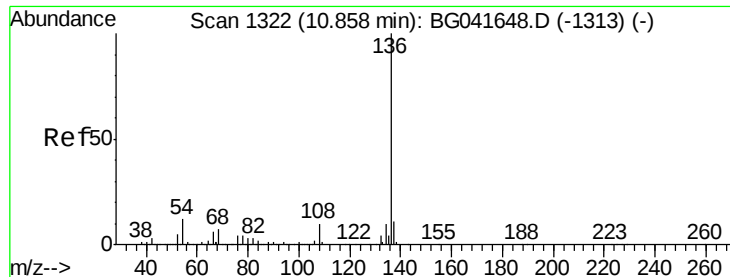
70 100

42 49.6 55.8 83.6#

101 0.0 8.1 12.1#

130 2.1 17.3 25.9#

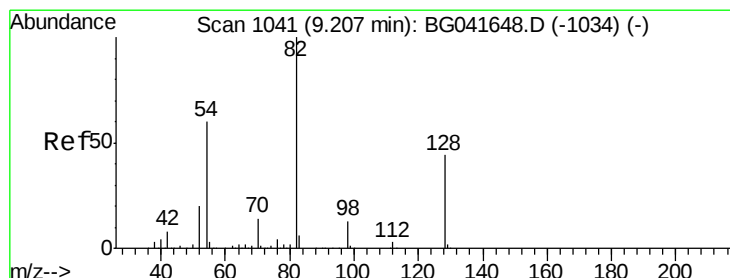
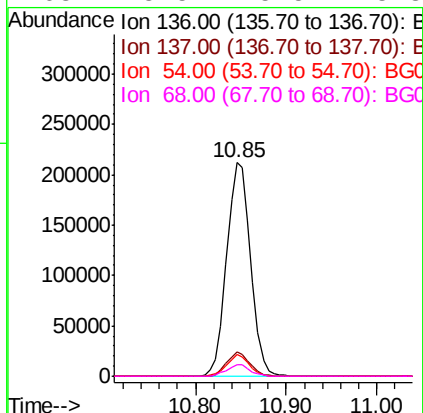
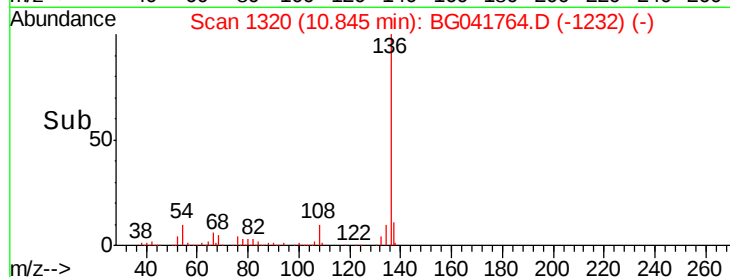
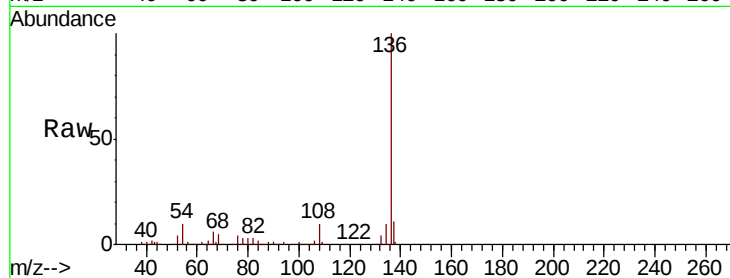




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

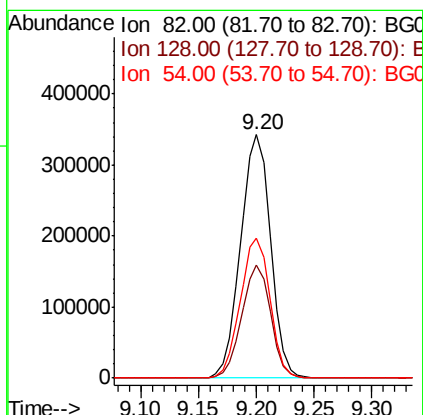
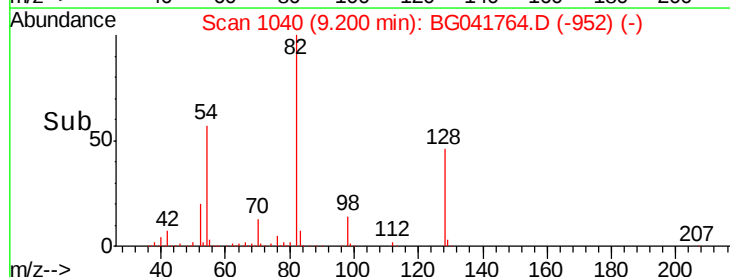
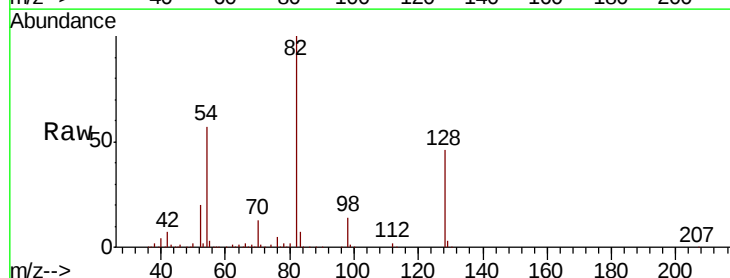
Instrument :
BNA_G
ClientSampleId :
HD-02-072219

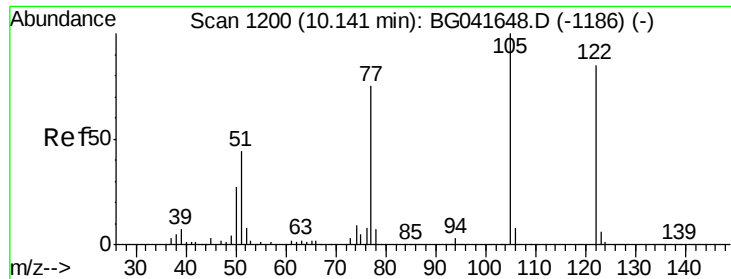
Tgt Ion:	136	Resp:	387397
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	10.3	8.7	13.1
68	5.5	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 97.120 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

Tgt Ion:	82	Resp:	618663
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.1	52.7
54	57.3	48.7	73.1

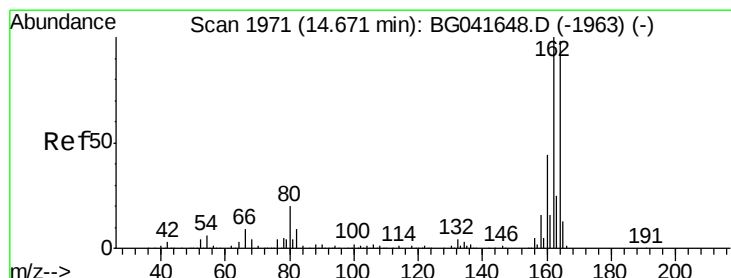
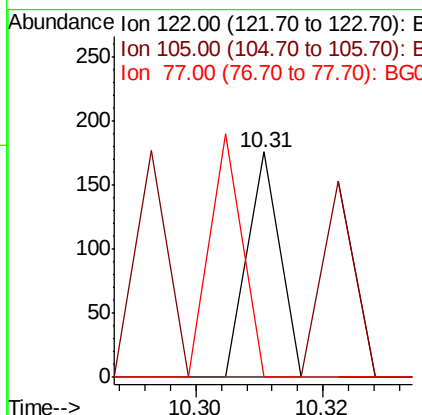
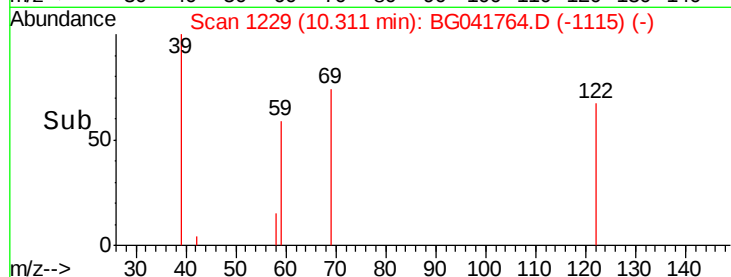
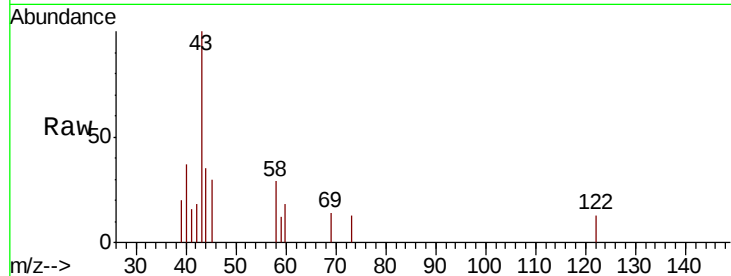




#32
Benzoic acid
Concen: 6.025 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.14 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

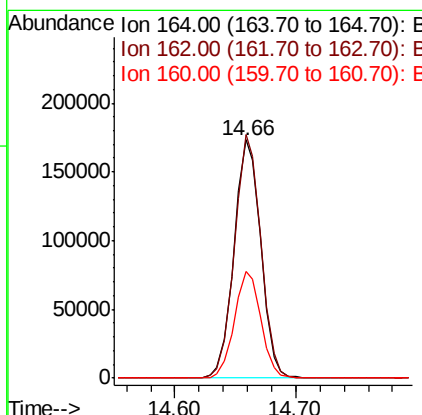
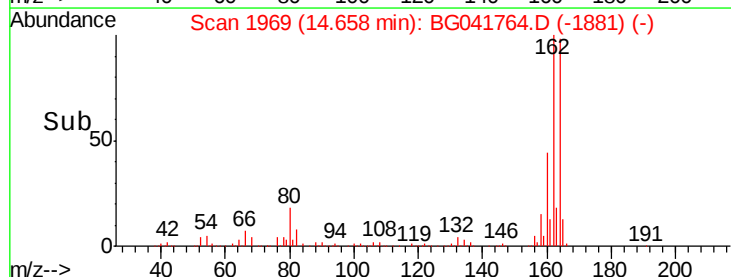
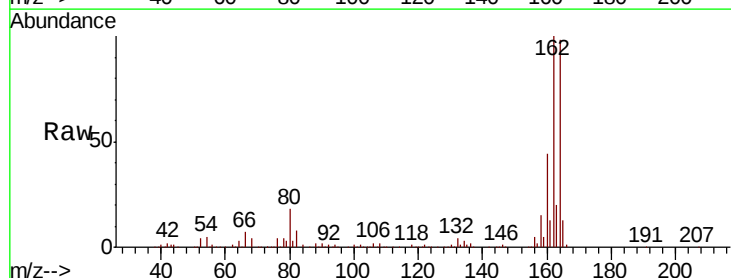
Instrument :
BNA_G
ClientSampleId :
HD-02-072219

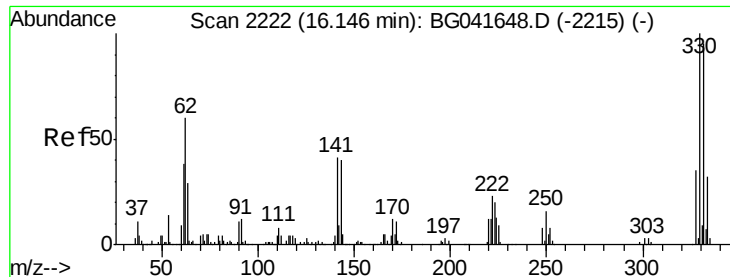
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 101.5 141.5#
77 0.0 73.0 113.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

Tgt Ion:164 Resp: 267956
Ion Ratio Lower Upper
164 100
162 102.2 79.6 119.4
160 45.0 35.4 53.0

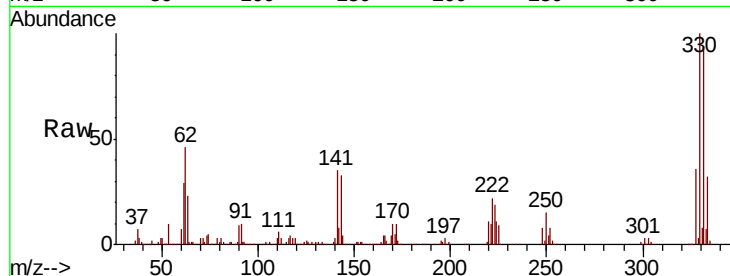




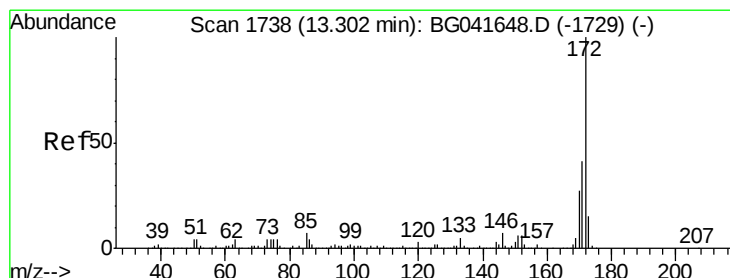
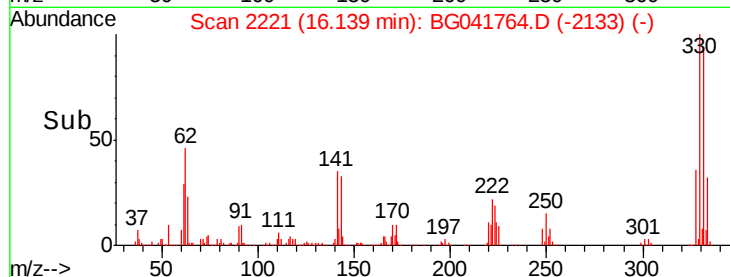
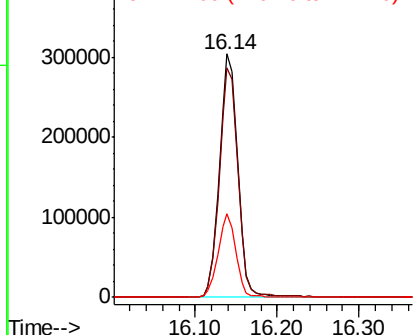
#42
 2,4,6-Tribromophenol
 Concen: 158.110 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG041764.D
 Acq: 23 Jul 2019 20:23

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-072219

Tgt Ion:330 Resp: 477464
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 33.1 31.9 47.9

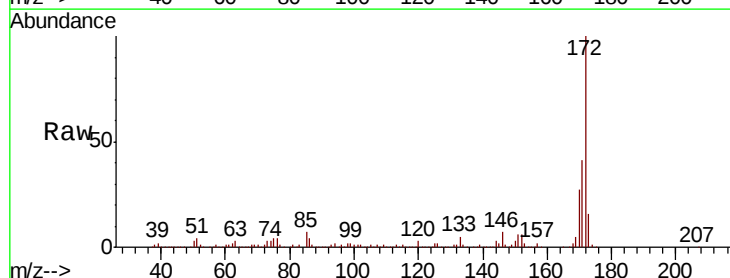


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

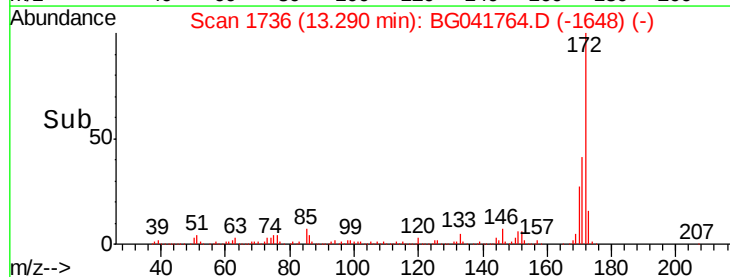
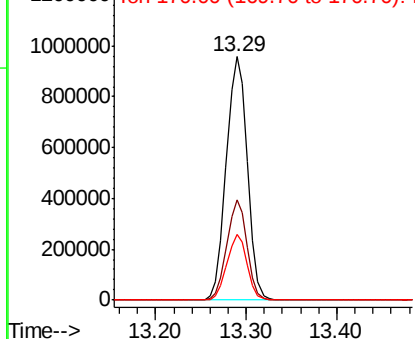


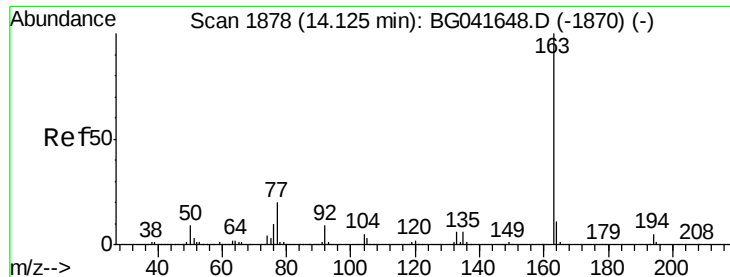
#45
 2-Fluorobiphenyl
 Concen: 89.447 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041764.D
 Acq: 23 Jul 2019 20:23

Tgt Ion:172 Resp: 1547806
 Ion Ratio Lower Upper
 172 100
 171 41.1 35.0 52.4
 170 27.0 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: 14.099 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG041764.D

Acq: 23 Jul 2019 20:23

Instrument :

BNA_G

ClientSampleId :

HD-02-072219

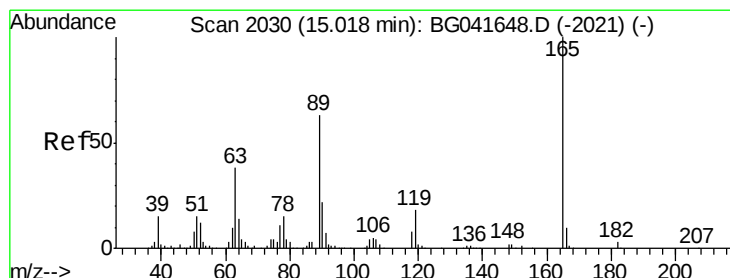
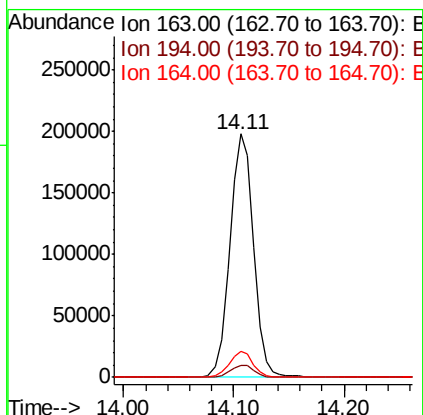
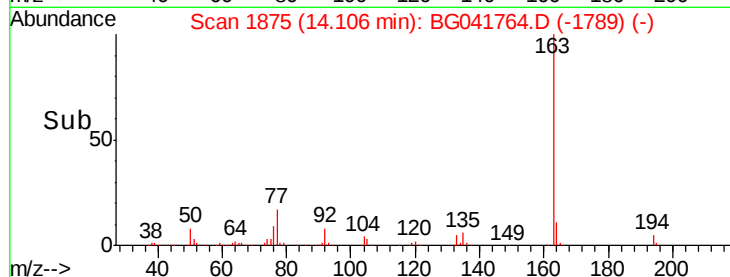
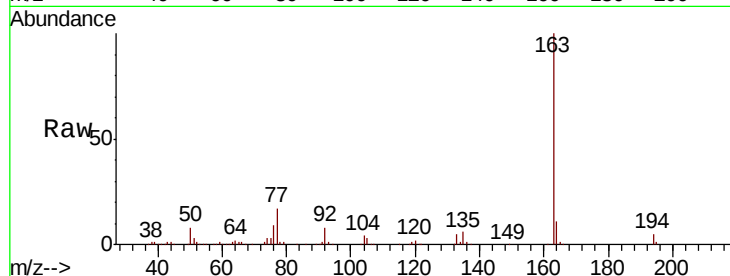
Tgt Ion:163 Resp: 296706

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

164 10.5 9.4 14.2



#57

2,4-Dinitrotoluene

Concen: 5.988 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.36 min

Lab File: BG041764.D

Acq: 23 Jul 2019 20:23

Tgt Ion:165 Resp: 35333

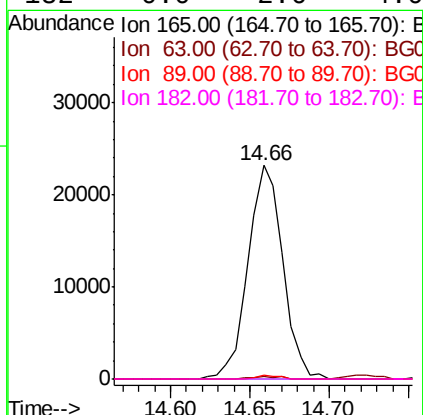
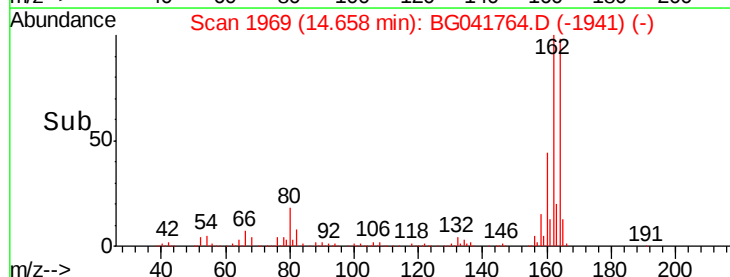
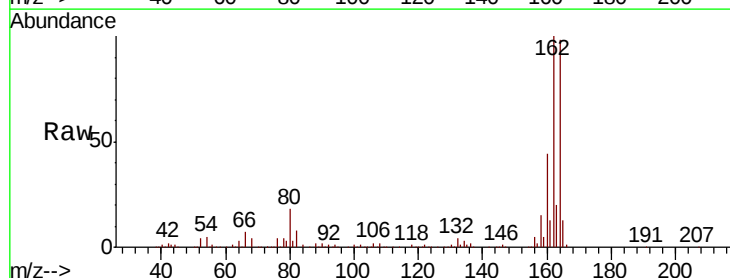
Ion Ratio Lower Upper

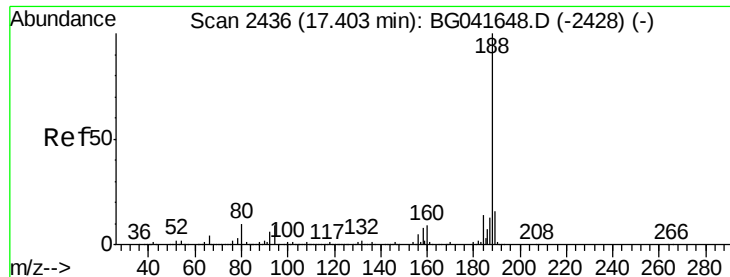
165 100

63 1.0 31.7 47.5#

89 1.5 50.2 75.4#

182 0.0 2.6 4.0#

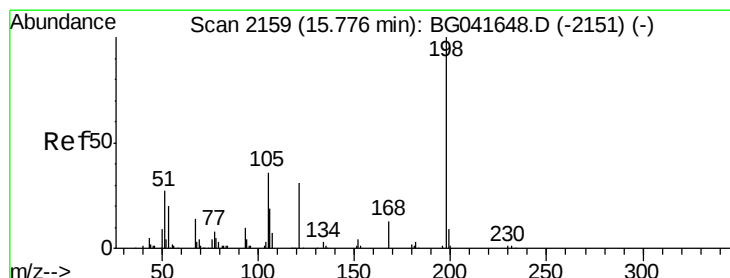
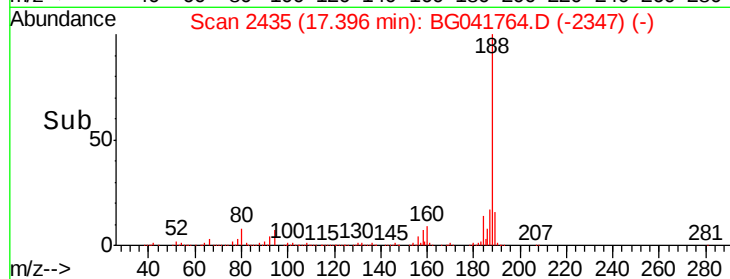
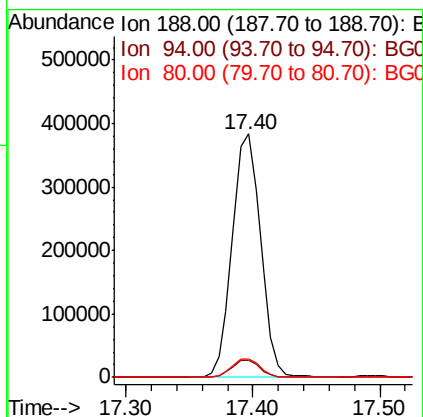
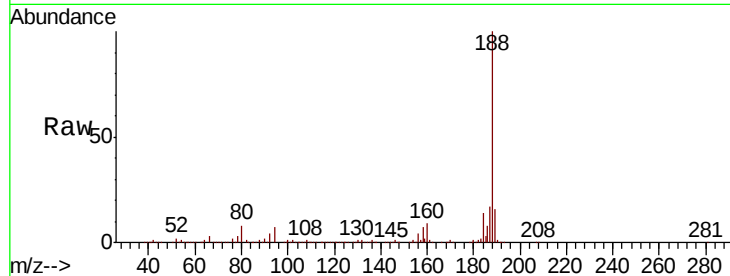




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

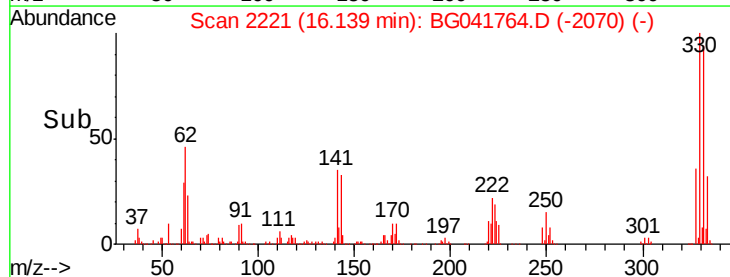
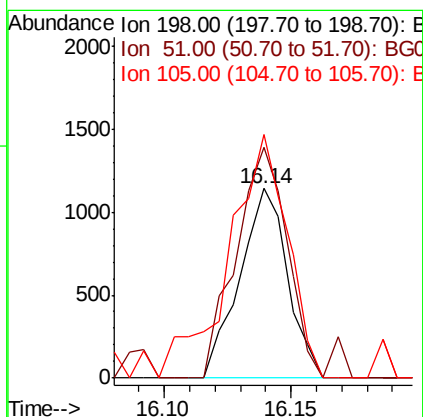
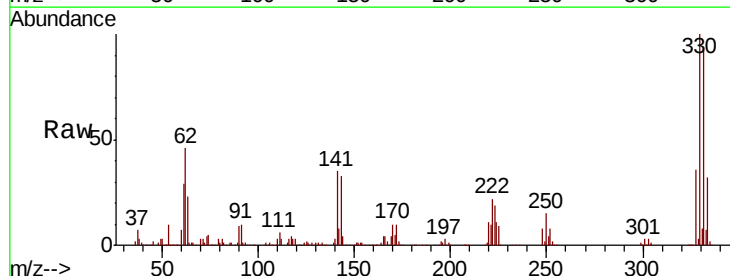
Instrument :
BNA_G
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HD-02-072219

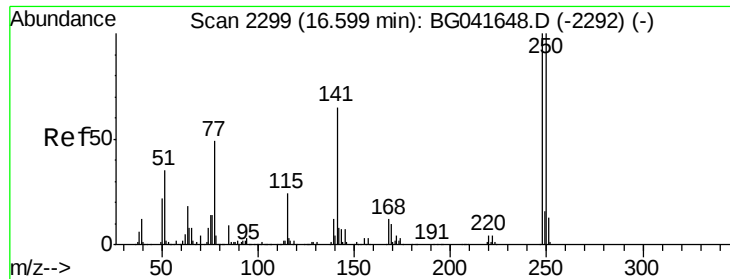
Tgt Ion:188 Resp: 594460
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.7 8.0 12.0#



#65
4,6-Dinitro-2-methylphenol
Concen: 7.134 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG041764.D
Acq: 23 Jul 2019 20:23

Tgt Ion:198 Resp: 1507
Ion Ratio Lower Upper
198 100
51 121.8 22.3 62.3#
105 128.3 18.0 58.0#

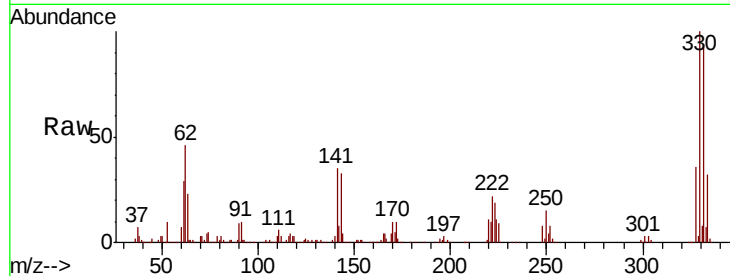




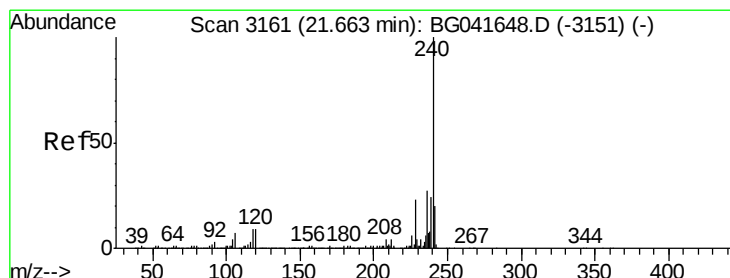
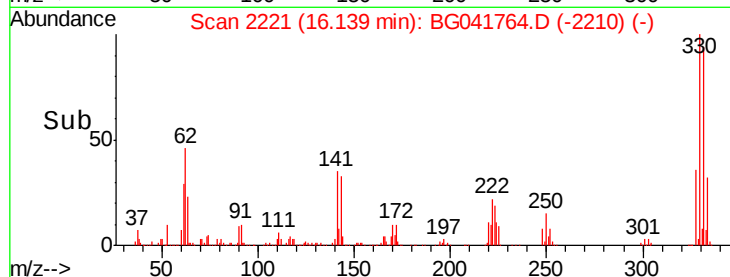
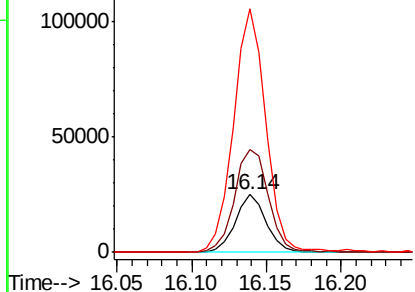
#67
 4-Bromophenyl-phenylether
 Concen: 5.099 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.46 min
 Lab File: BG041764.D
 Acq: 23 Jul 2019 20:23

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-072219

Tgt Ion:248 Resp: 36068
 Ion Ratio Lower Upper
 248 100
 250 177.8 78.1 117.1#
 141 420.6 49.6 74.4#

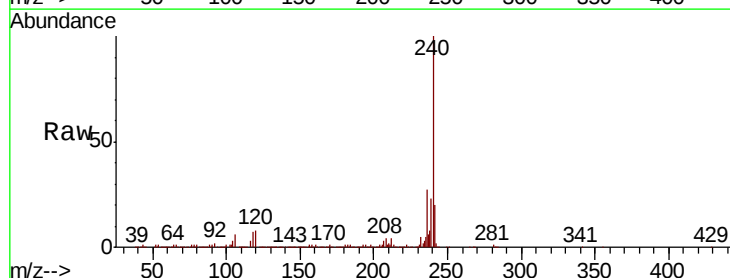


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

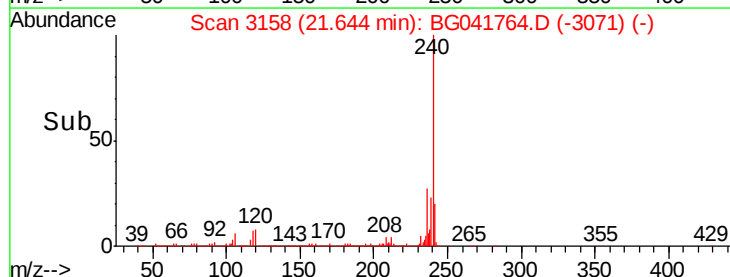
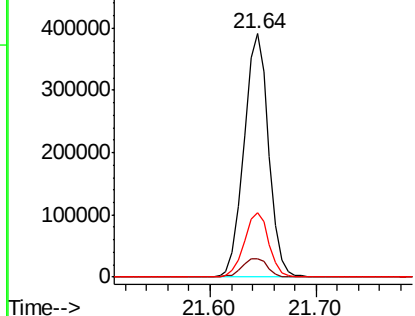


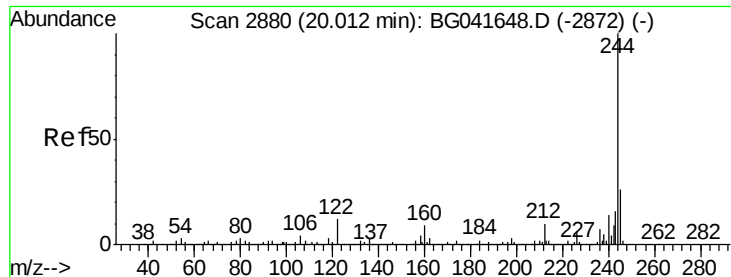
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.02 min
 Lab File: BG041764.D
 Acq: 23 Jul 2019 20:23

Tgt Ion:240 Resp: 631277
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.0 12.0#
 236 26.6 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: 88.250 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041764.D

Acq: 23 Jul 2019 20:23

Instrument :

BNA_G

ClientSampleId :

HD-02-072219

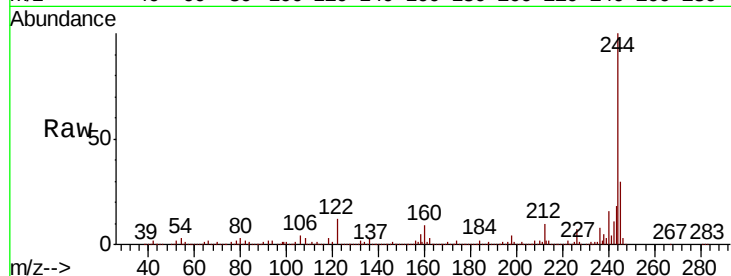
Tgt Ion:244 Resp: 2383966

Ion Ratio Lower Upper

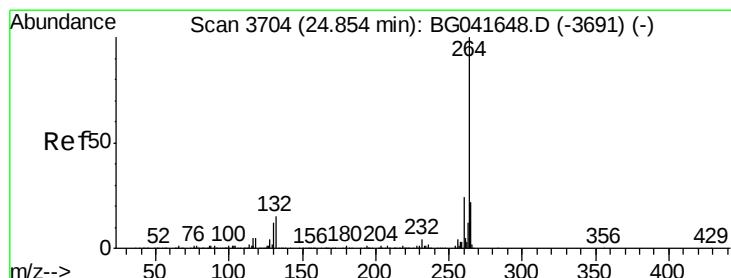
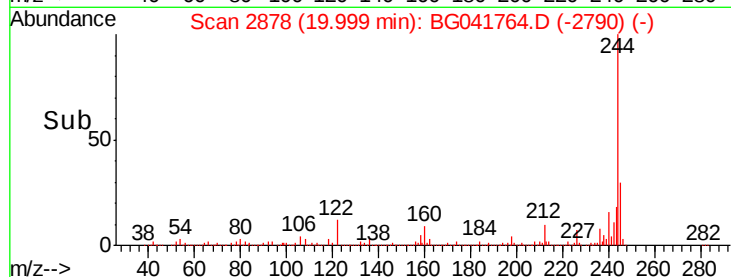
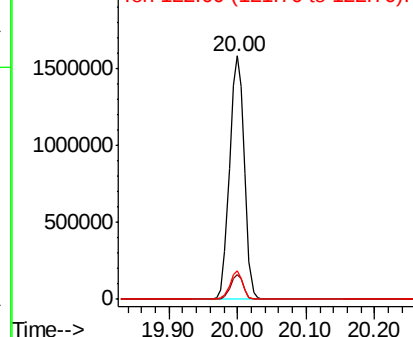
244 100

212 10.4 9.7 14.5

122 11.9 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: 24.83 min Scan# 3701

Delta R.T. -0.03 min

Lab File: BG041764.D

Acq: 23 Jul 2019 20:23

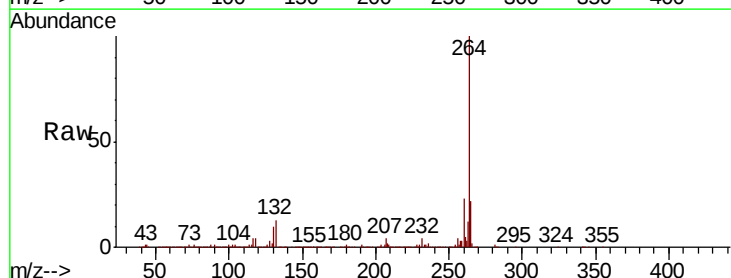
Tgt Ion:264 Resp: 740331

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.7 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

