

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041831.D
 Acq On : 31 Jul 2019 13:36
 Operator : HP/JU
 Sample : K4021-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 15:08:38 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

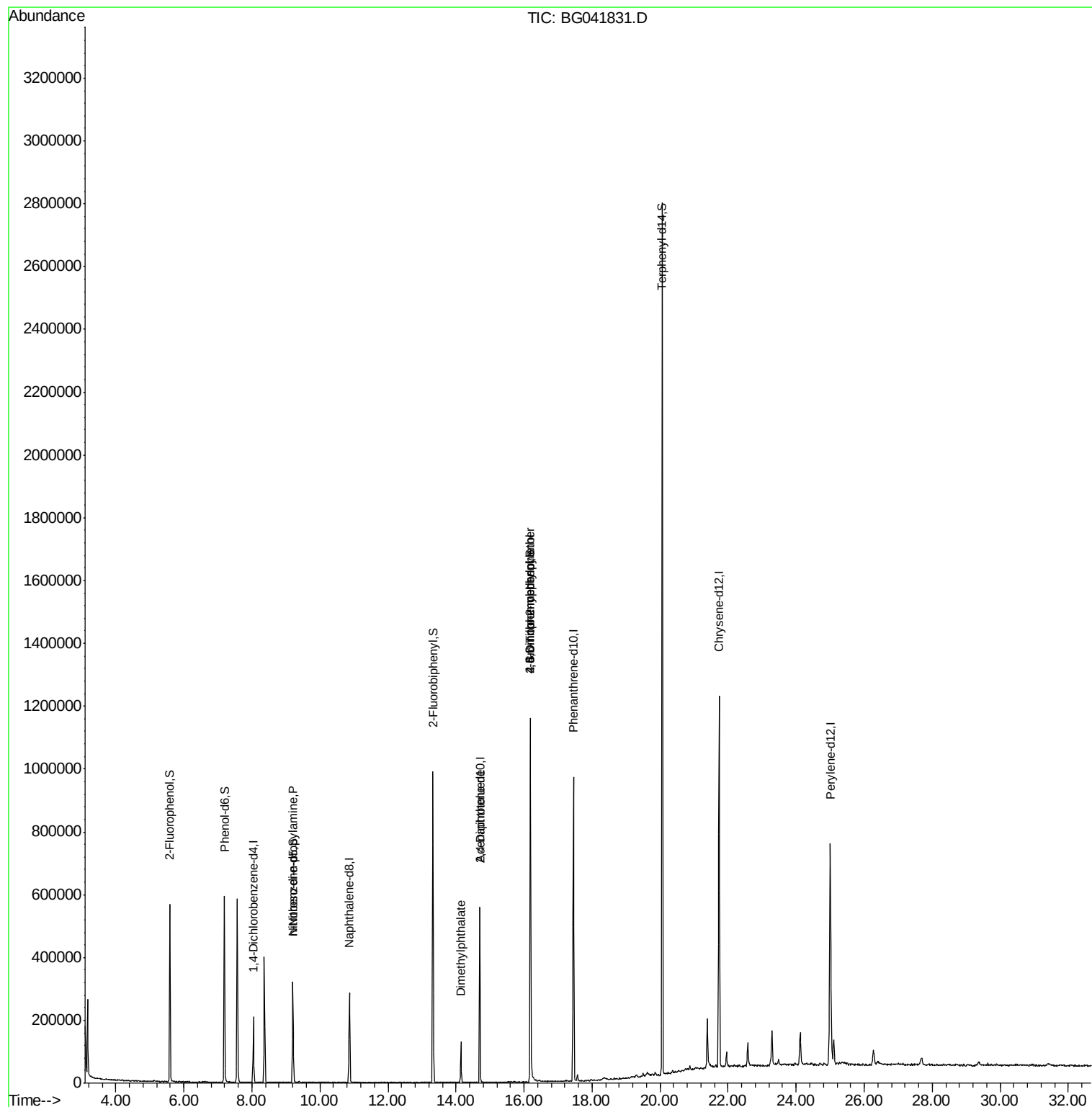
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63898	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	266026	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	216972	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	627618	20.00	ng	0.00
76) Chrysene-d12	21.73	240	703874	20.00	ng	0.00
87) Perylene-d12	25.00	264	807172	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	258013	78.56	ng	0.00
7) Phenol-d6	7.19	99	363356	82.07	ng	0.00
23) Nitrobenzene-d5	9.21	82	199232	51.54	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	255603	103.71	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	549865	44.70	ng	0.00
79) Terphenyl-d14	20.06	244	1405397	45.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	25639	7.976	ng	# 68
50) Dimethylphthalate	14.14	163	94991	6.410	ng	# 98
57) 2,4-Dinitrotoluene	14.70	165	27947	6.559	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.18	198	679	7.042	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	19022	2.460	ng	# 1

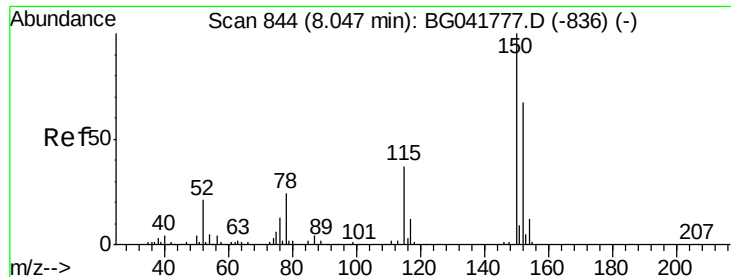
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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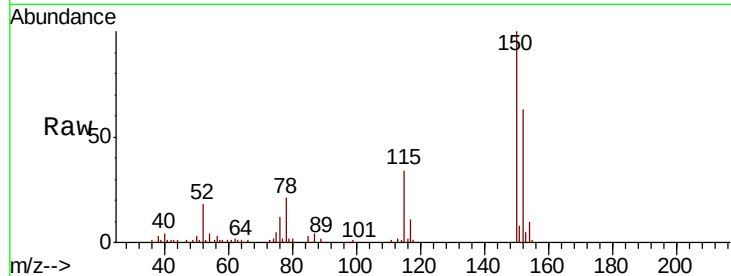


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.9	190.3
115	54.7	45.0	67.6

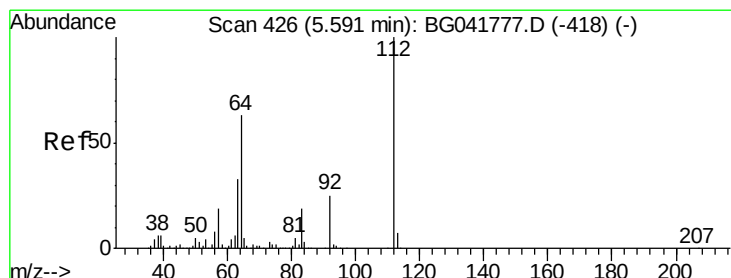
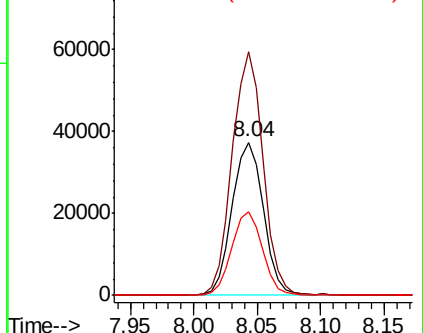
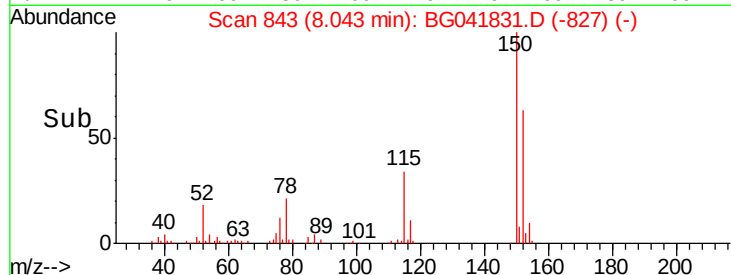


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

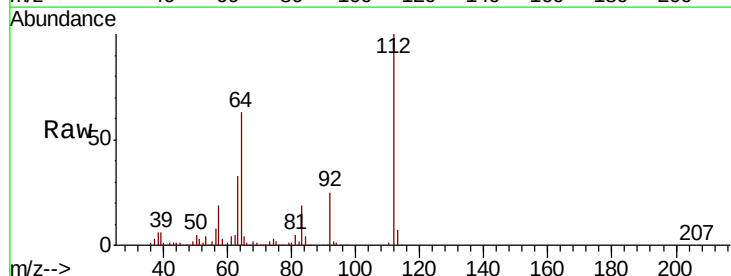
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.562 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.4	83.2
63	33.3	29.1	43.7

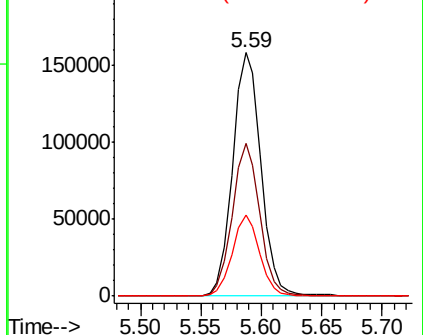
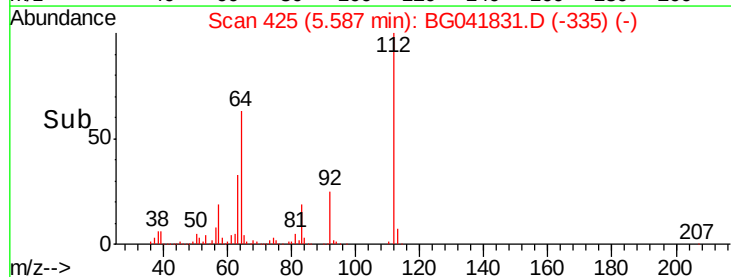


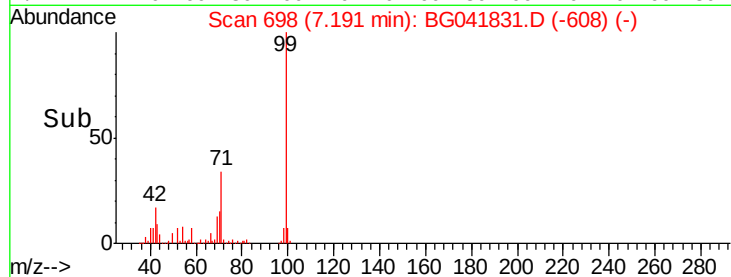
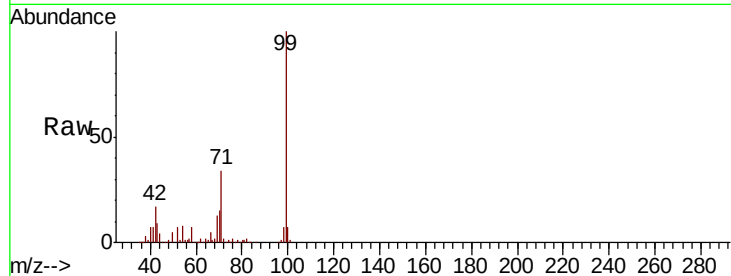
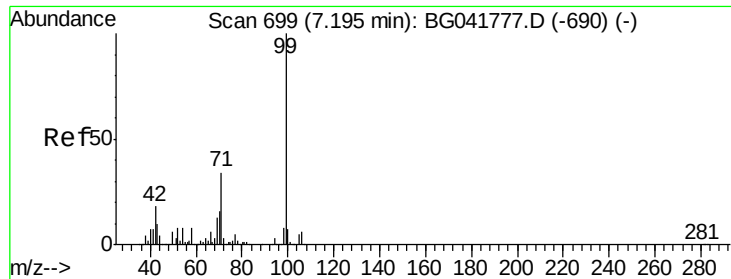
Abundance

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: 82.066 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Instrument :

BNA_G

ClientSampleId :

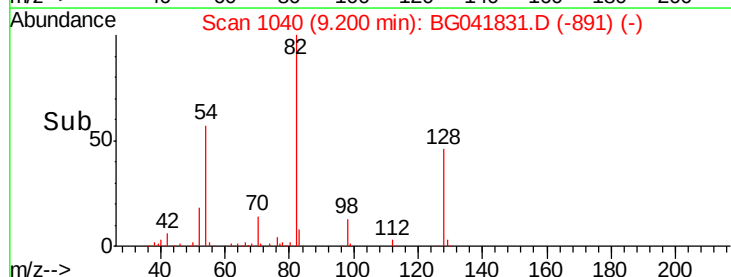
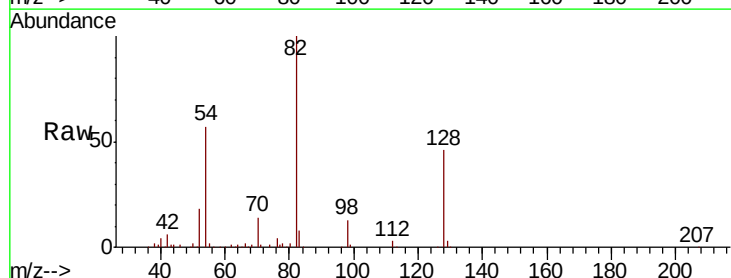
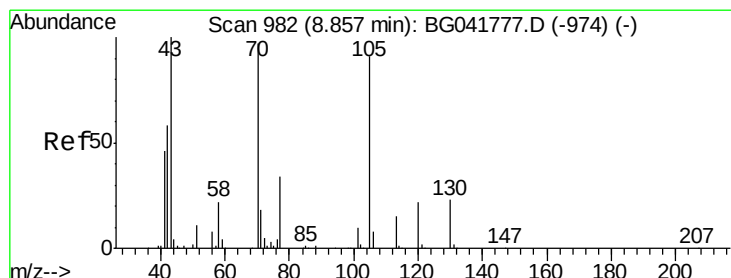
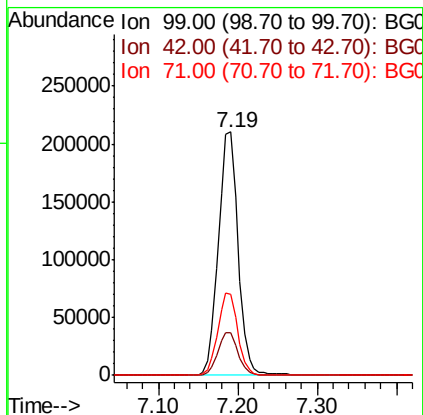
Tot Ion: 99 Resp: 363356

Ion Ratio Lower Upper

99 100

42 17.3 17.6 26.4#

71 33.5 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.976 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Tgt Ion: 70 Resp: 25639

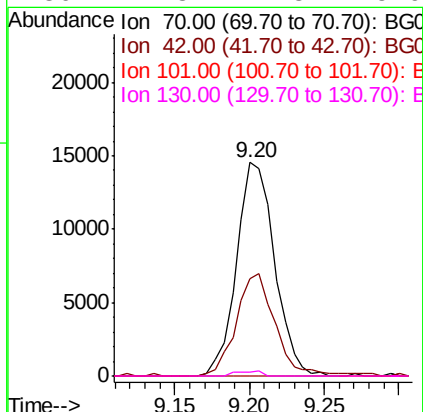
Ion Ratio Lower Upper

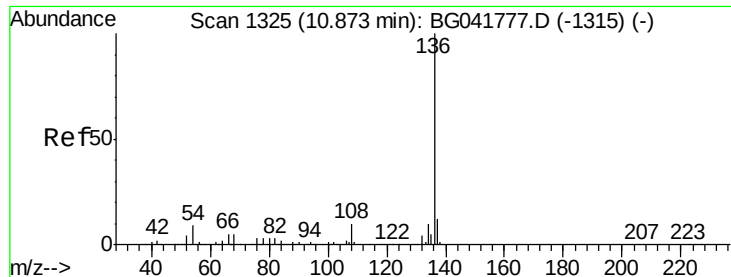
70 100

42 45.4 55.8 83.6#

101 0.0 8.1 12.1#

130 1.8 17.3 25.9#

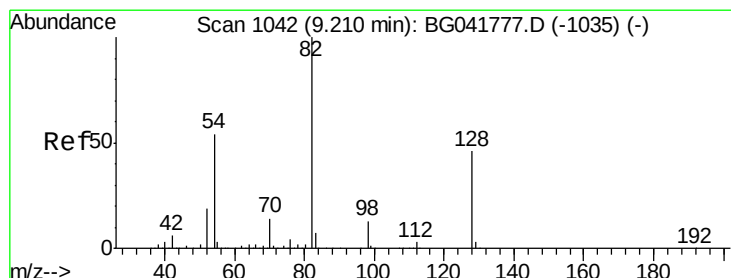
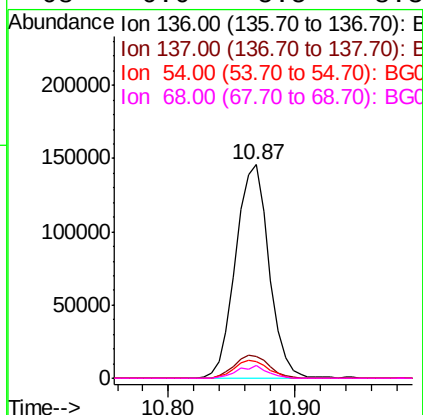
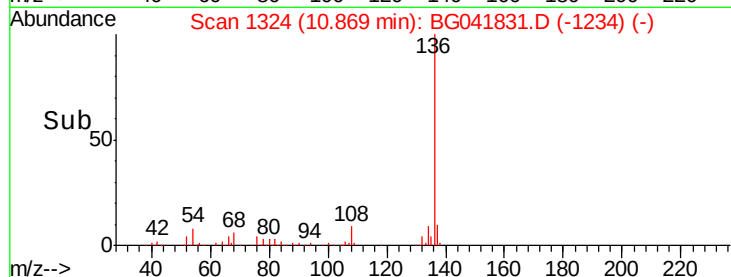
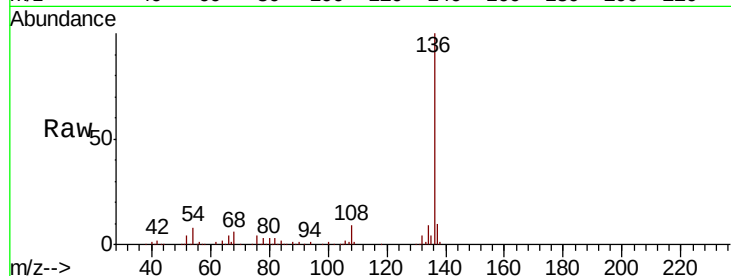




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

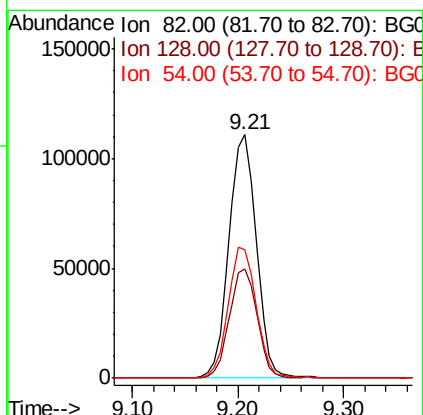
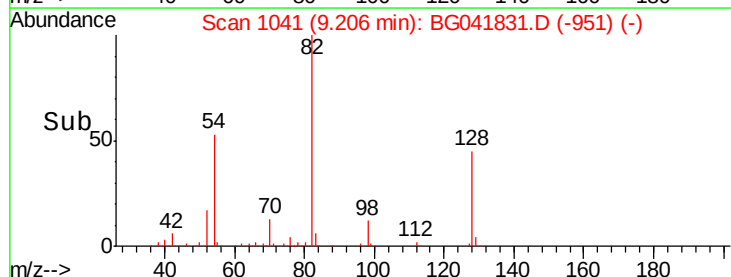
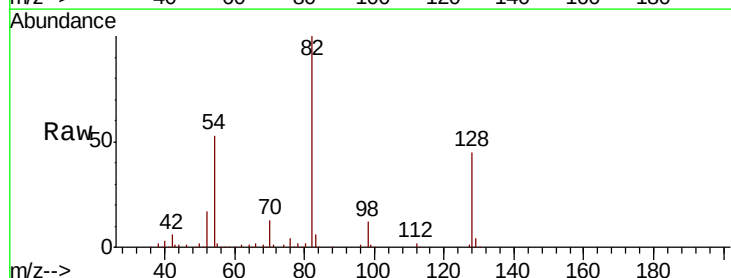
Instrument :
BNA_G
ClientSampleId :

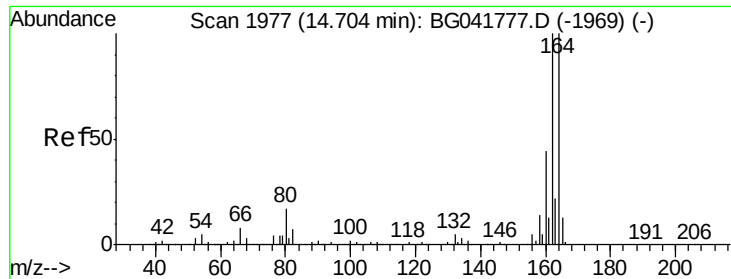
Tot Ion:136	Resp:	266026
Ion Ratio	Lower	Upper
136 100		
137 10.0	9.2	13.8
54 7.9	8.7	13.1#
68 6.0	5.5	8.3



#23
Nitrobenzene-d5
Concen: 51.538 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Tgt Ion: 82	Resp: 199232
Ion Ratio	Lower Upper
82 100	
128 44.8	35.1 52.7
54 52.5	48.7 73.1

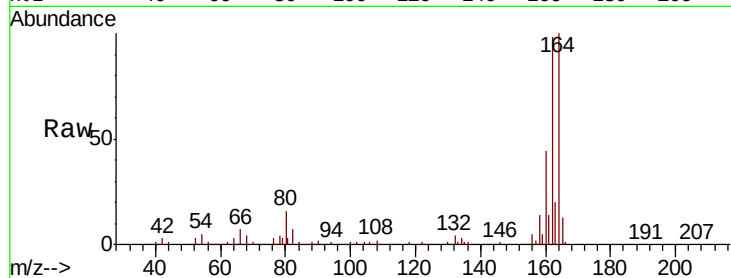




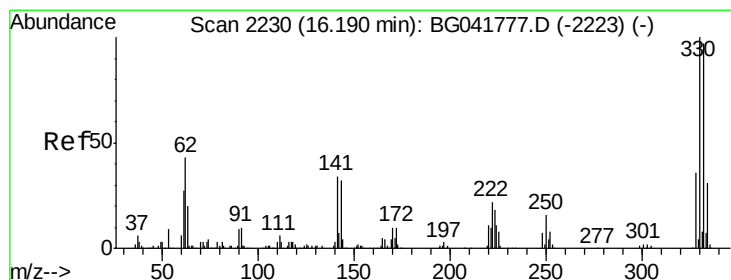
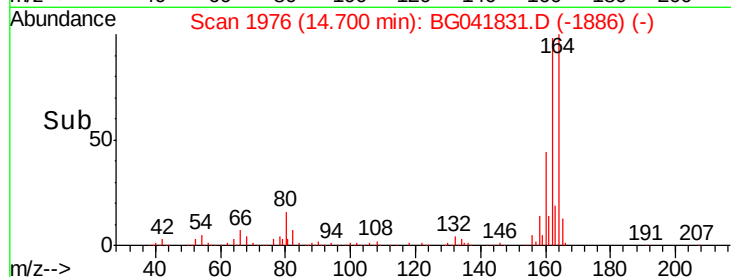
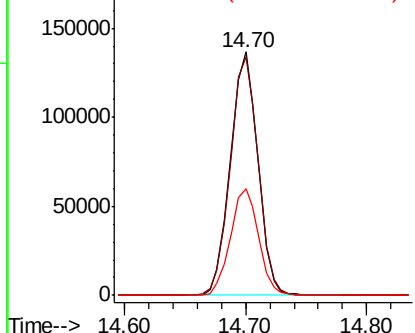
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 216972
Ion Ratio Lower Upper
164 100
162 97.7 79.6 119.4
160 43.6 35.4 53.0

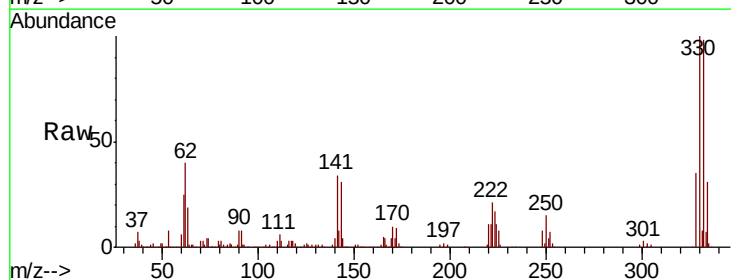


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

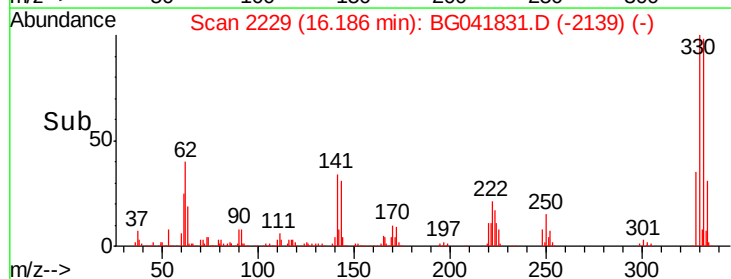
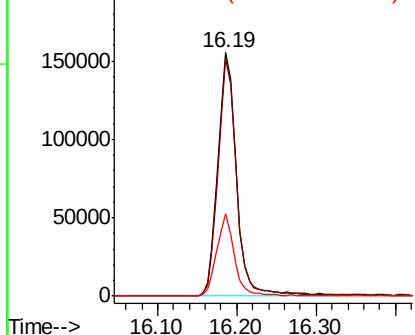


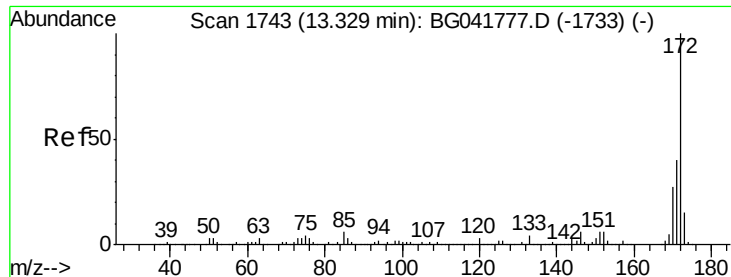
#42
2,4,6-Tribromophenol
Concen: 103.714 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Tgt Ion:330 Resp: 255603
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 31.6 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

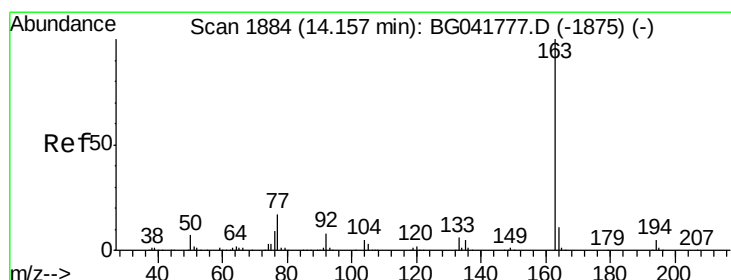
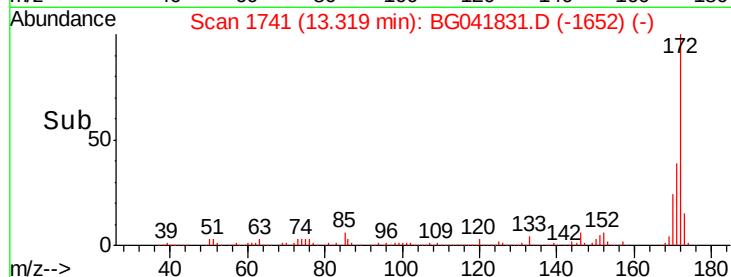
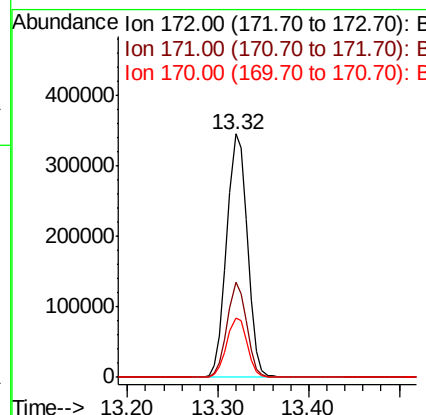
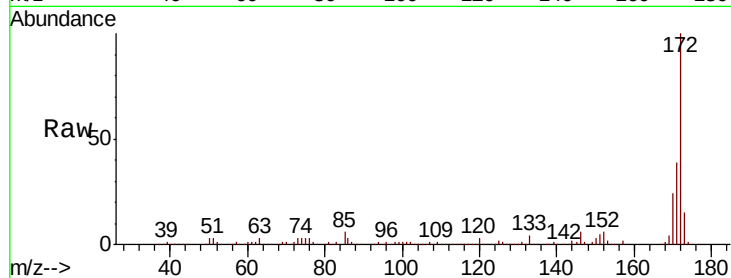




#45
2-Fluorobiphenyl
Concen: 44.697 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

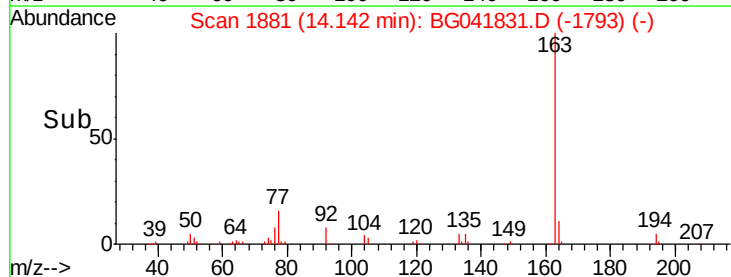
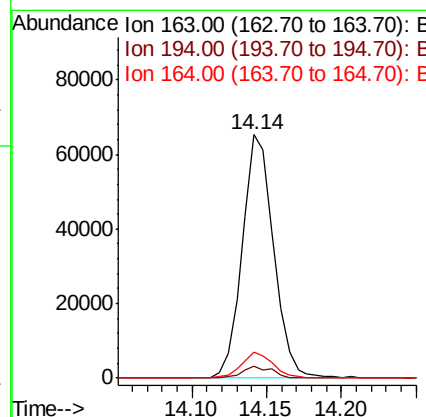
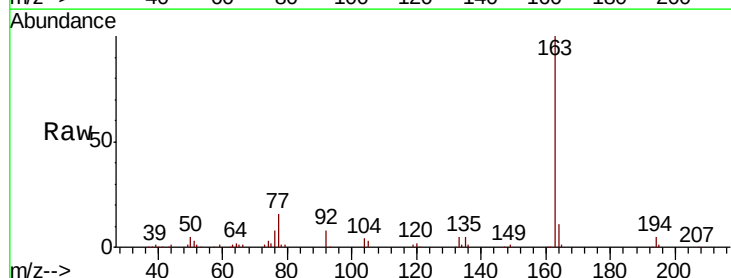
Instrument :
BNA_G
ClientSampleId :

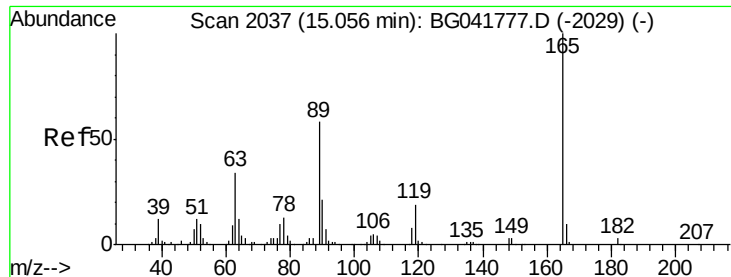
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	35.0	52.4
170	24.1	23.5	35.3



#50
Dimethylphthalate
Concen: 6.410 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.9	9.4	14.2

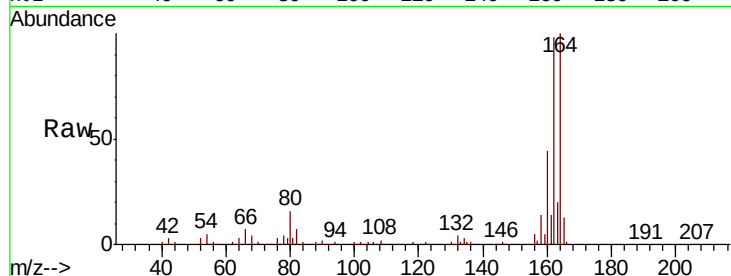




#57
 2,4-Dinitrotoluene
 Concen: 6.559 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041831.D
 Acq: 31 Jul 2019 13:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.6	50.2	75.4#
182	0.0	2.6	4.0#



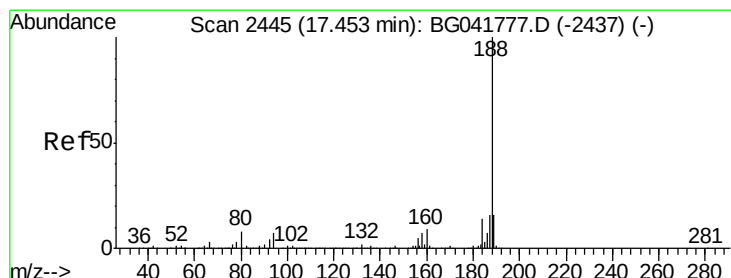
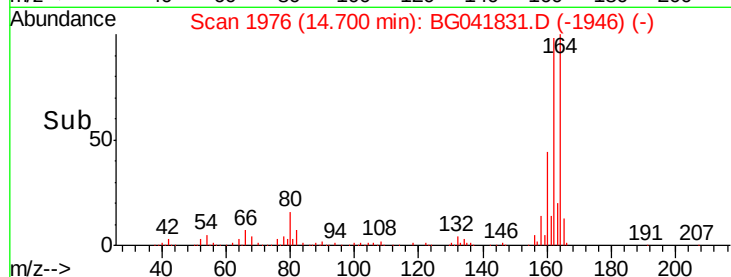
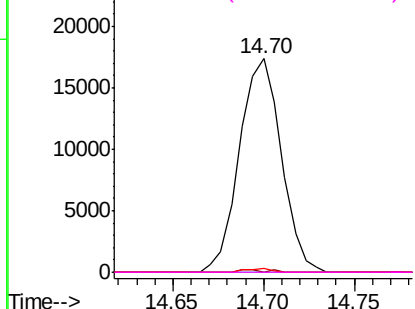
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

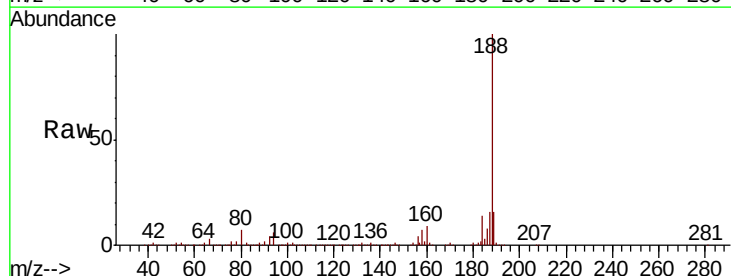
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG041831.D
 Acq: 31 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.4	8.0	12.0#

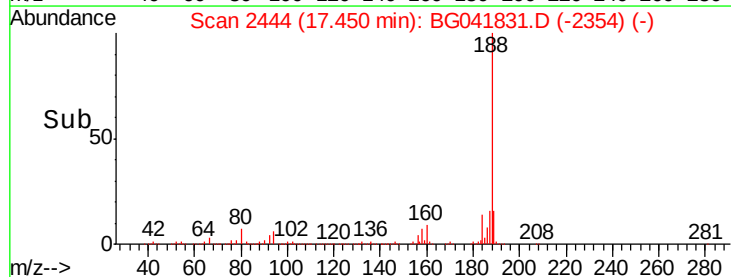
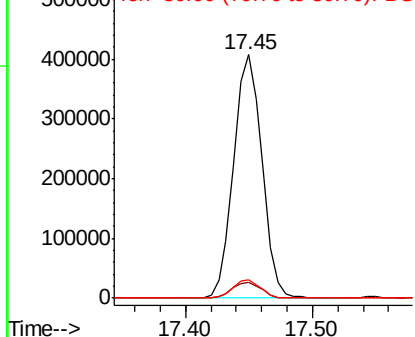


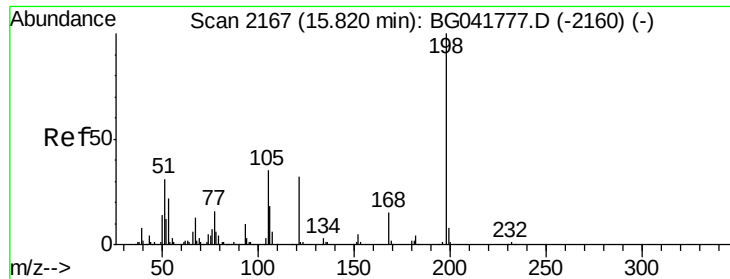
Abundance

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





#65

4,6-Dinitro-2-methylphenol

Concen: 7.042 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.36 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Instrument :

BNA_G

ClientSampled :

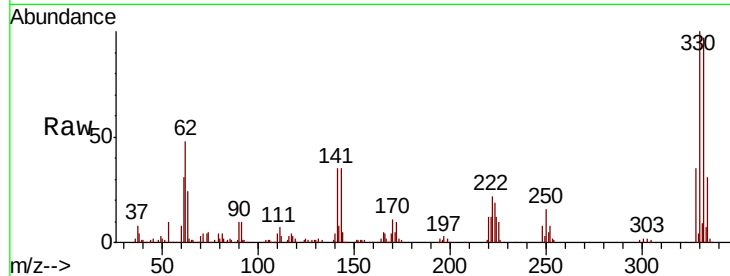
Tot Ion:198 Resp: 679

Ion Ratio Lower Upper

198 100

51 118.6 22.3 62.3#

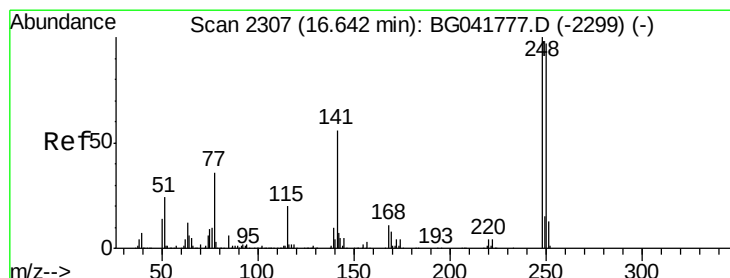
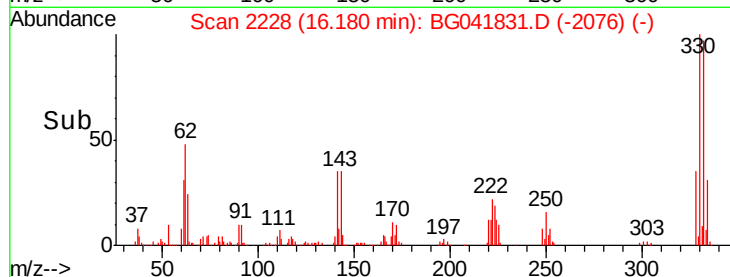
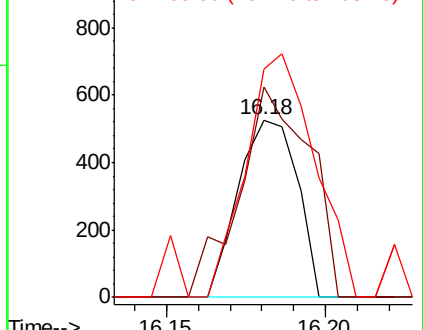
105 128.7 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.460 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.46 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

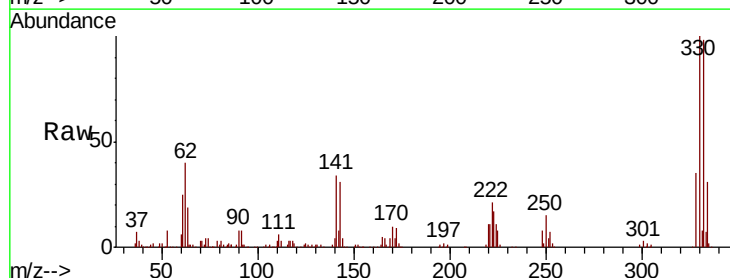
Tgt Ion:248 Resp: 19022

Ion Ratio Lower Upper

248 100

250 200.4 78.1 117.1#

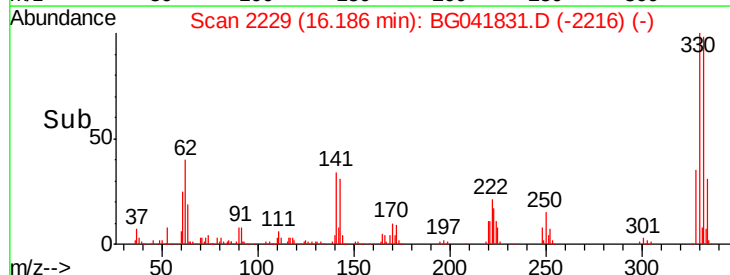
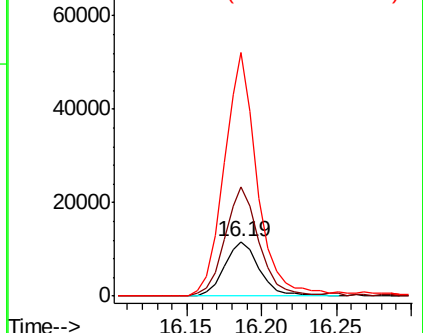
141 444.8 49.6 74.4#

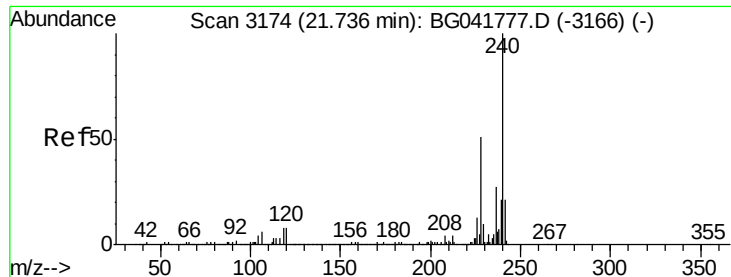


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Instrument :

BNA_G

ClientSampled :

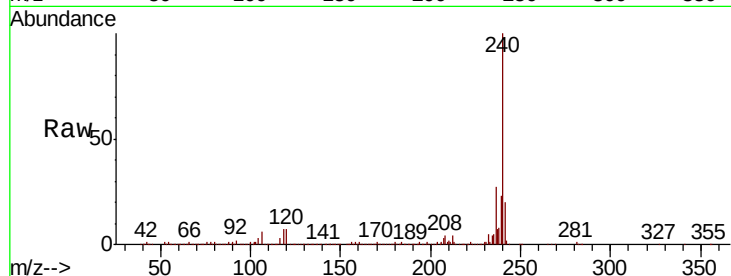
Tot Ion:240 Resp: 703874

Ion Ratio Lower Upper

240 100

120 7.4 8.0 12.0#

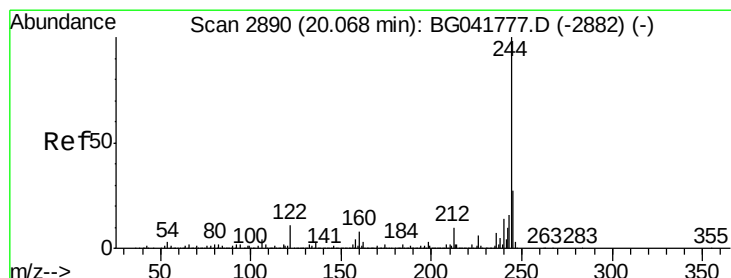
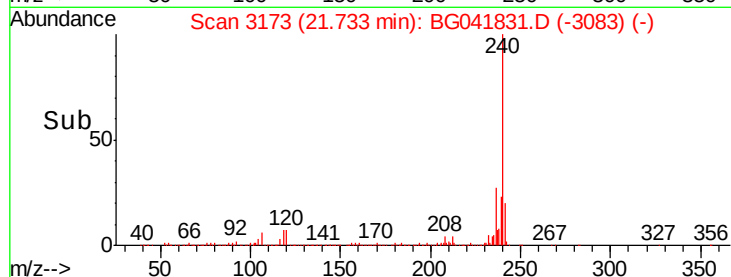
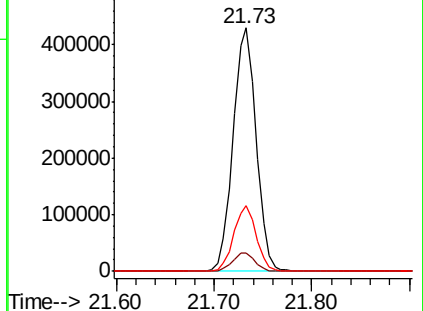
236 27.0 22.6 33.8



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: 45.689 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

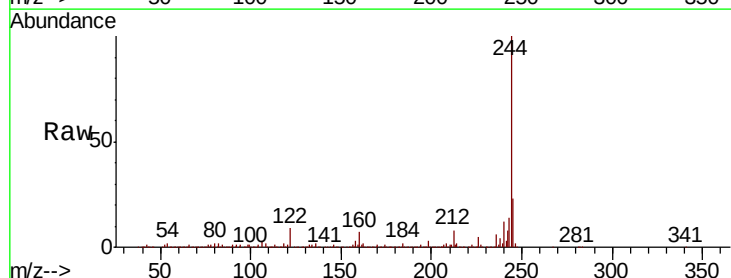
Tgt Ion:244 Resp: 1405397

Ion Ratio Lower Upper

244 100

212 8.1 9.7 14.5#

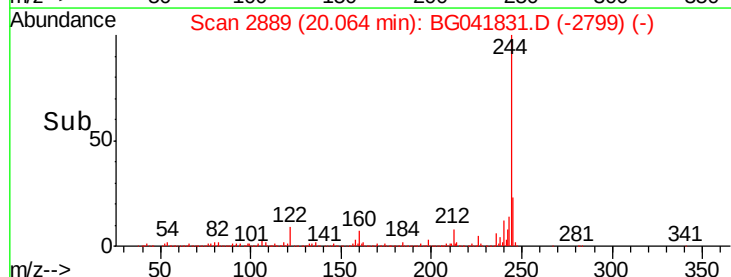
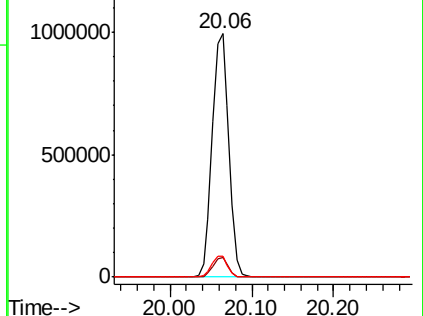
122 8.5 12.5 18.7#

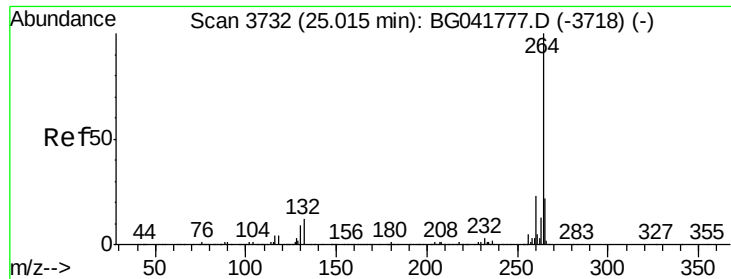


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

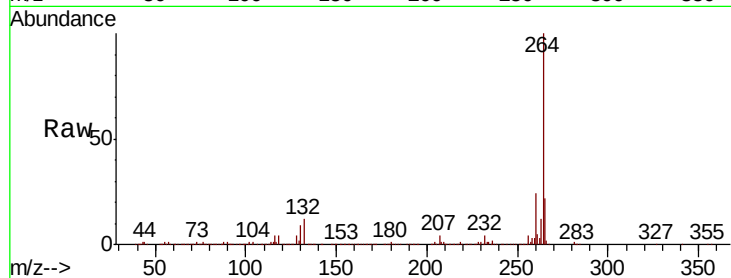




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.4	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

