

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041829.D
 Acq On : 31 Jul 2019 10:54
 Operator : HP/JU
 Sample : PB121812BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 12:30:32 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

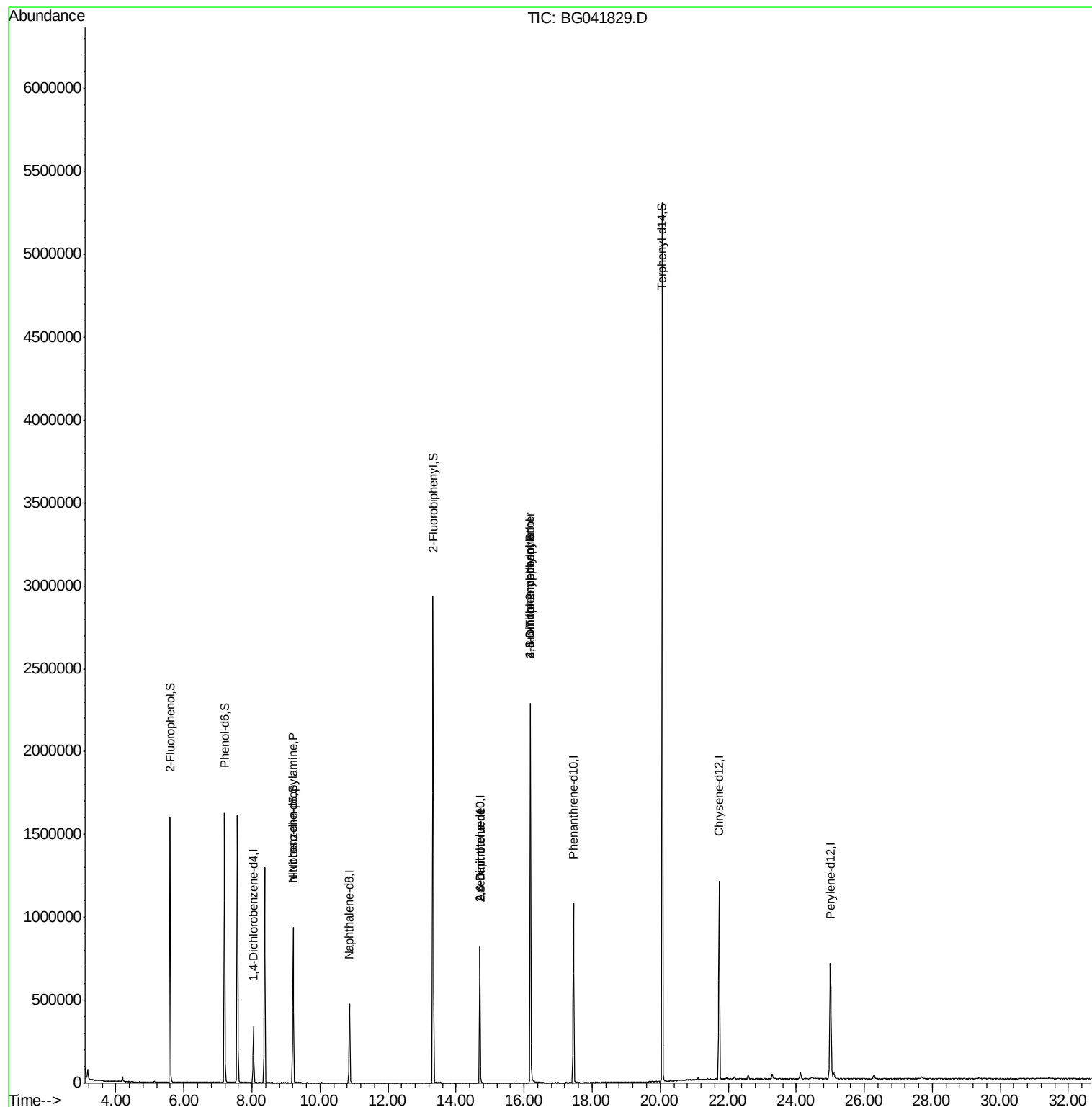
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	107888	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	438501	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	308227	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	706769	20.00	ng	0.00
76) Chrysene-d12	21.73	240	741806	20.00	ng	0.00
87) Perylene-d12	25.00	264	829932	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	710601	128.15	ng	0.00
7) Phenol-d6	7.20	99	971810	129.99	ng	0.00
23) Nitrobenzene-d5	9.21	82	583806	91.62	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	468808	133.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1568156	89.73	ng	0.00
79) Terphenyl-d14	20.06	244	2499406	77.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	78494	14.462	ng	# 69
51) 2,6-Dinitrotoluene	14.70	165	40641	9.233	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	40641	6.714	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	1304	7.175	ng	# 5
67) 4-Bromophenyl-phenylether	16.18	248	36161	4.154	ng	# 1

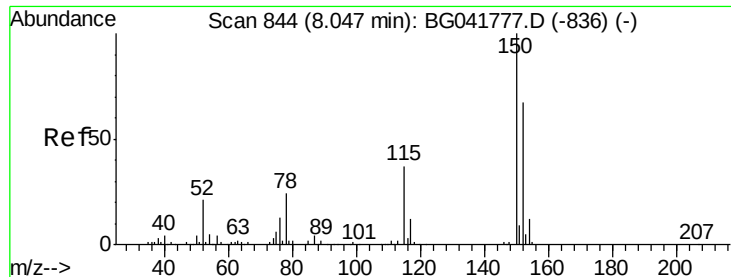
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041829.D
Acq On : 31 Jul 2019 10:54
Operator : HP/JU
Sample : PB121812BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 31 12:30:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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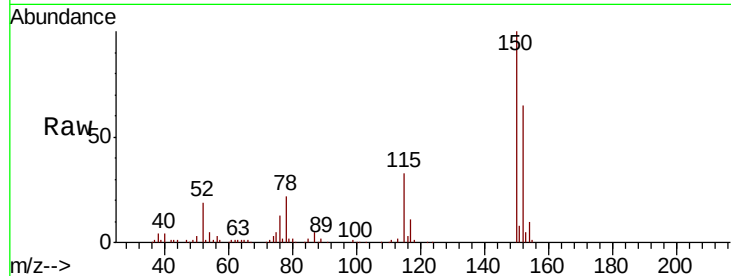


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	50.8	45.0	67.6

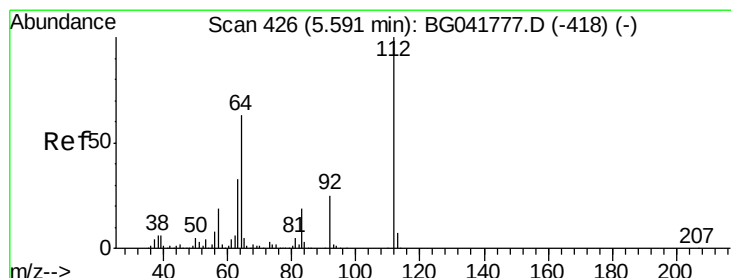
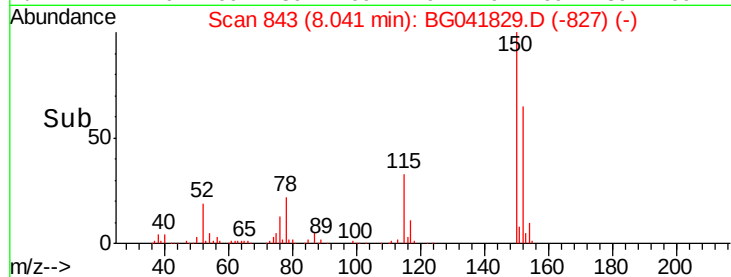
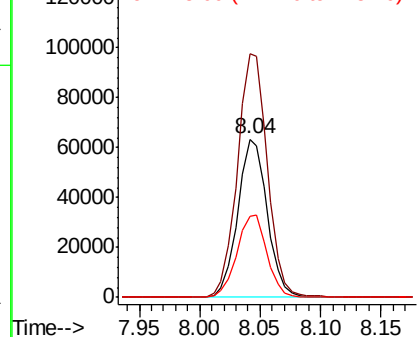


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

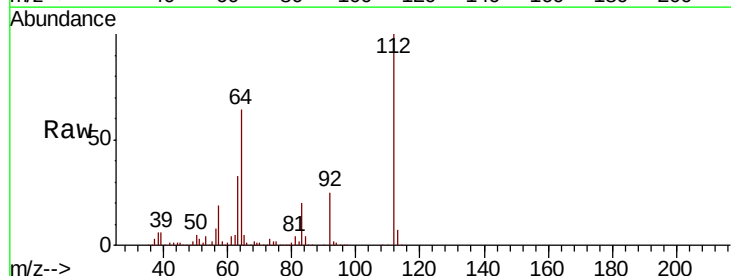
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.148 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	55.4	83.2
63	32.9	29.1	43.7

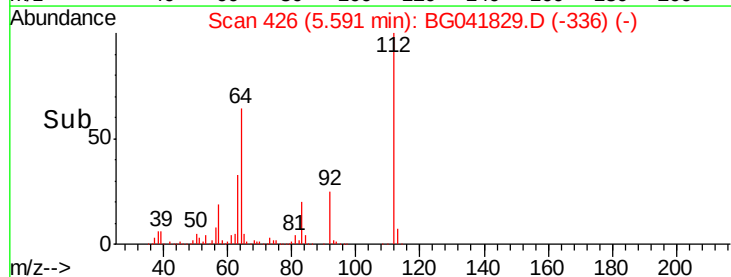
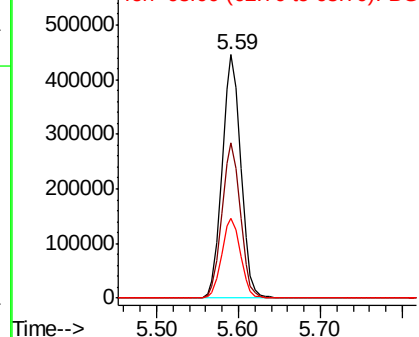


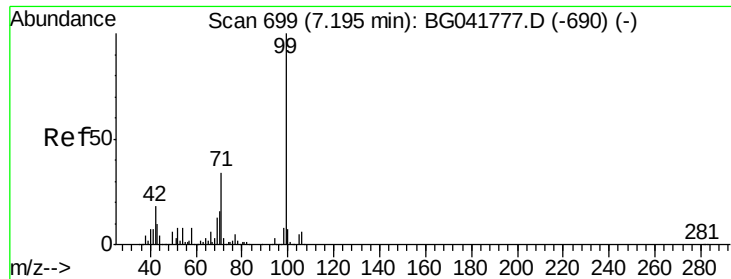
Abundance

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: 129.994 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041829.D

Acq: 31 Jul 2019 10:54

Instrument :

BNA_G

ClientSampleId :

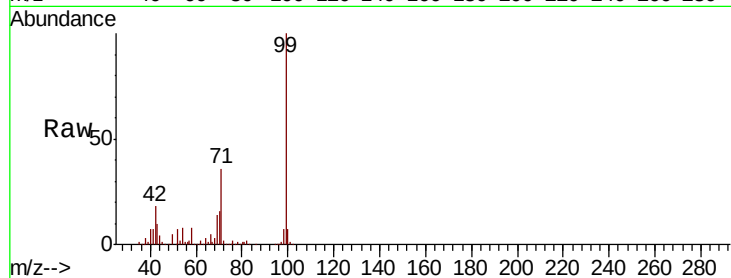
Tot Ion: 99 Resp: 971810

Ion Ratio Lower Upper

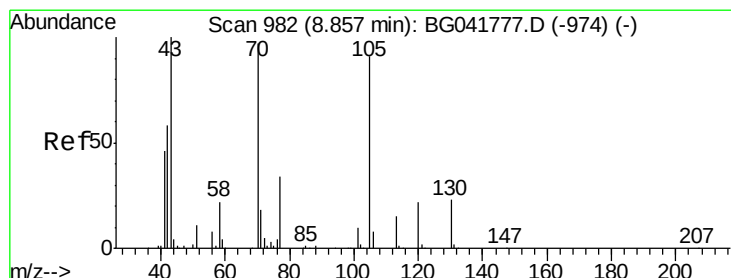
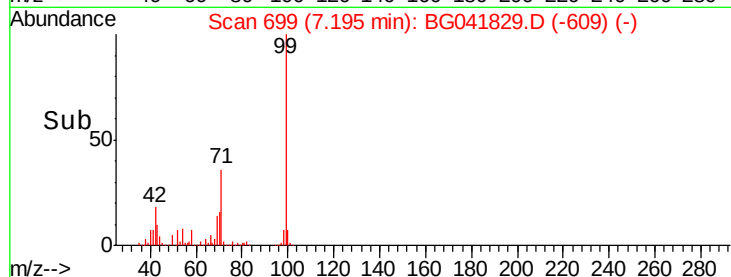
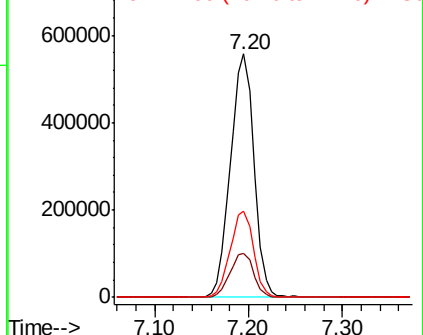
99 100

42 18.2 17.6 26.4

71 35.7 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: 14.462 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG041829.D

Acq: 31 Jul 2019 10:54

Tgt Ion: 70 Resp: 78494

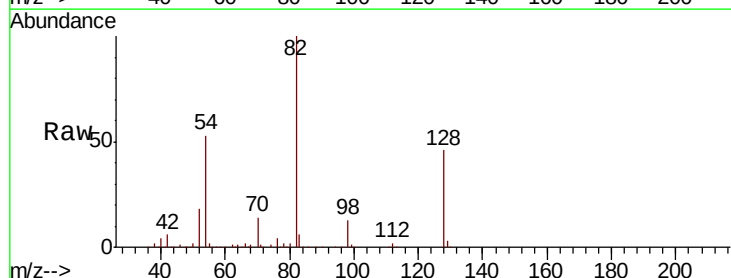
Ion Ratio Lower Upper

70 100

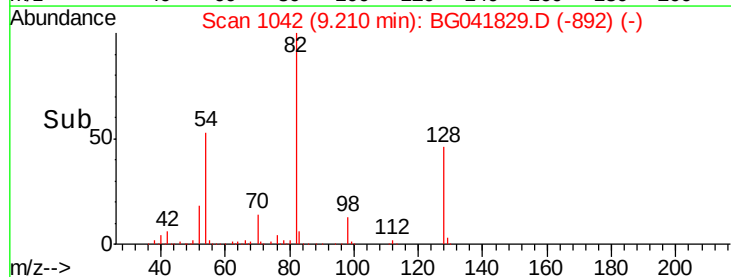
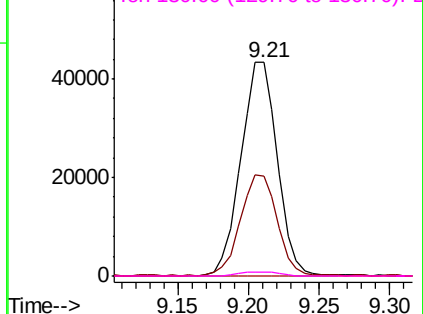
42 47.0 55.8 83.6#

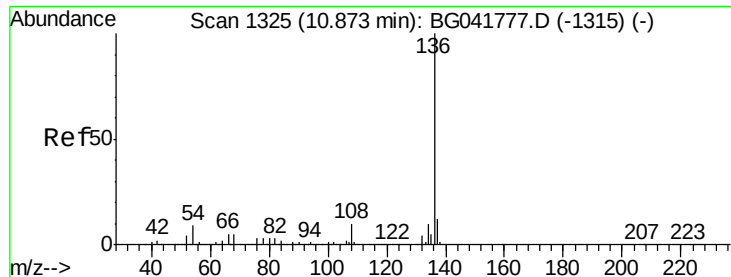
101 0.0 8.1 12.1#

130 1.7 17.3 25.9#



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

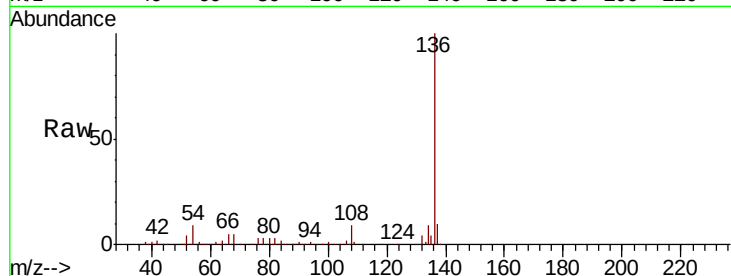




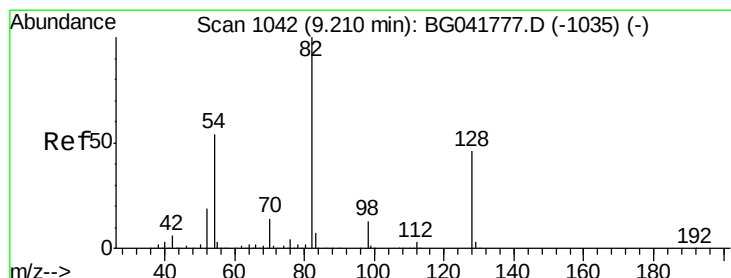
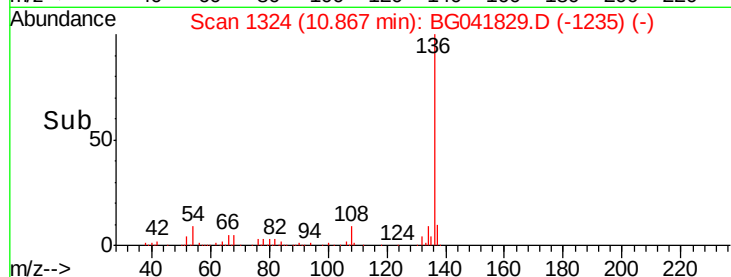
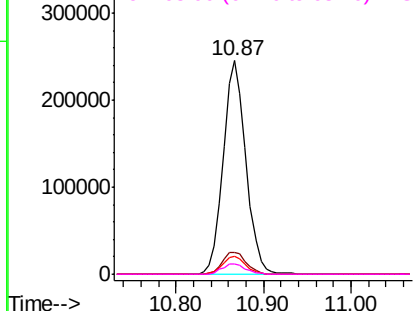
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	438501
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.2 13.8
54	8.6	8.7 13.1#
68	5.0	5.5 8.3#

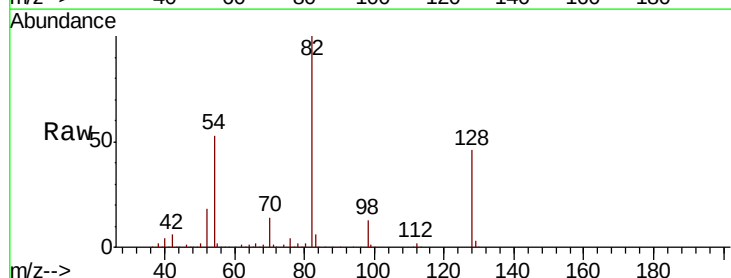


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

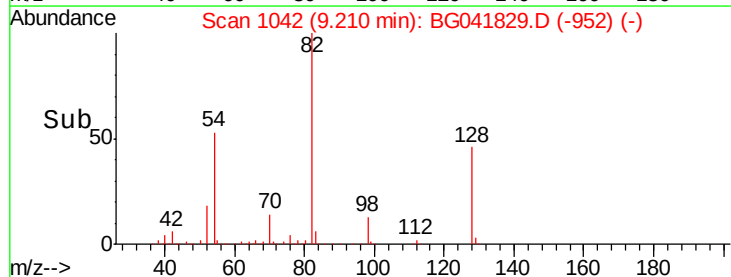
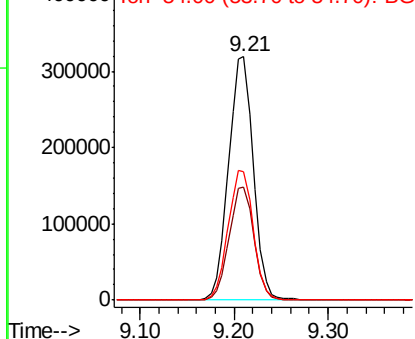


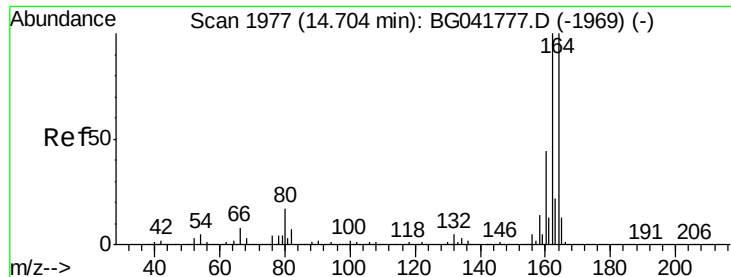
#23
Nitrobenzene-d5
Concen: 91.620 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion: 82	Resp:	583806
Ion	Ratio	Lower Upper
82	100	
128	46.2	35.1 52.7
54	53.0	48.7 73.1



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

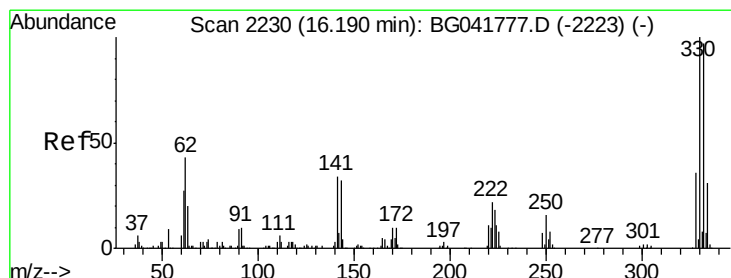
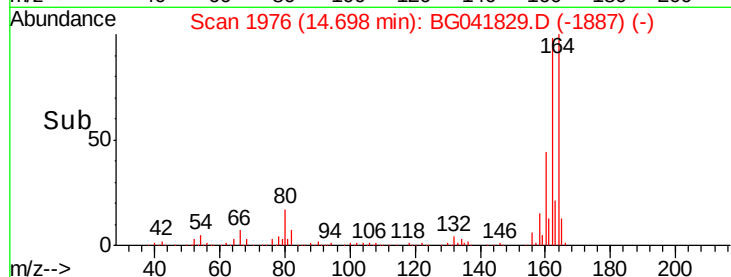
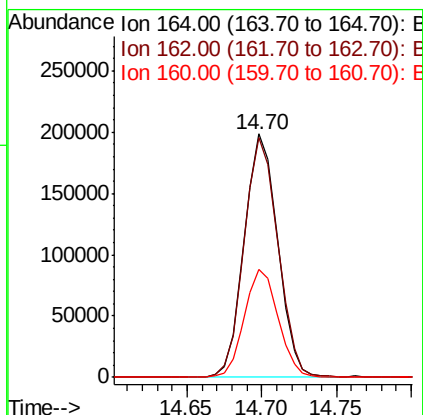
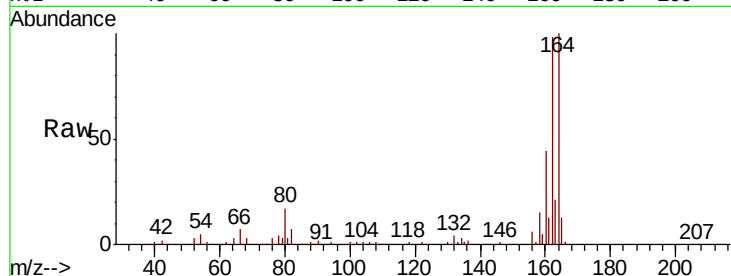




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

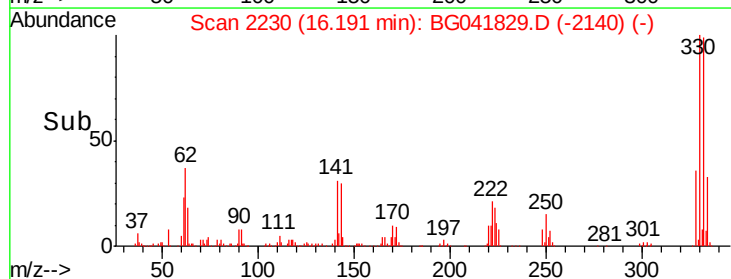
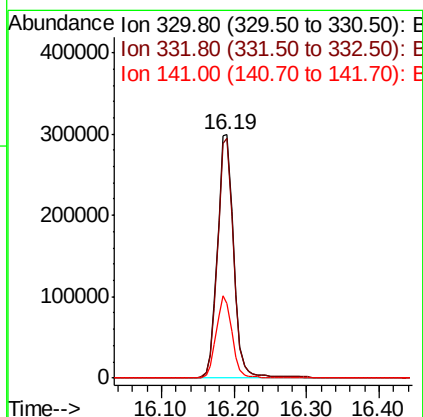
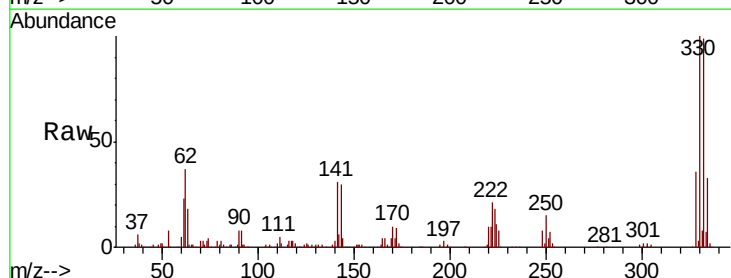
Instrument :
BNA_G
ClientSampleId :

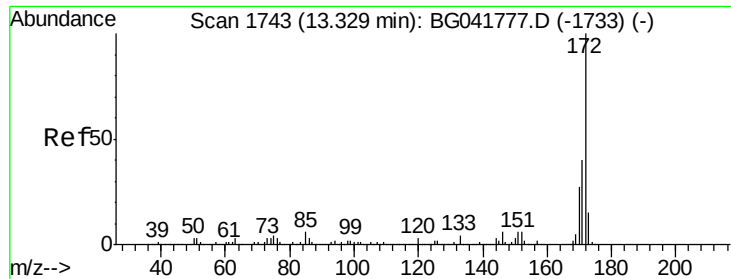
Tot Ion:164 Resp: 308227
Ion Ratio Lower Upper
164 100
162 98.3 79.6 119.4
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.905 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:330 Resp: 468808
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 33.3 31.9 47.9

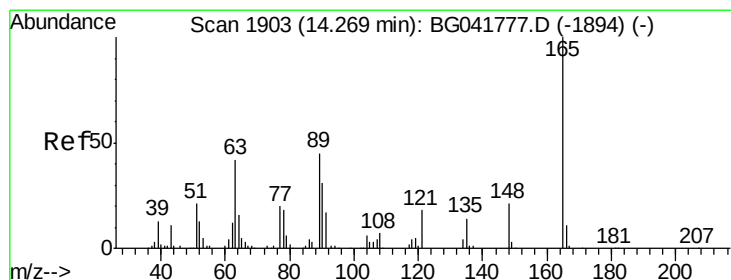
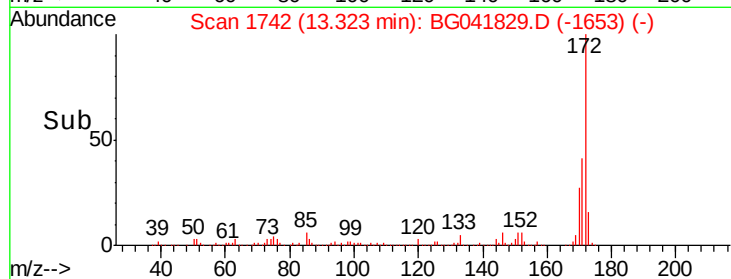
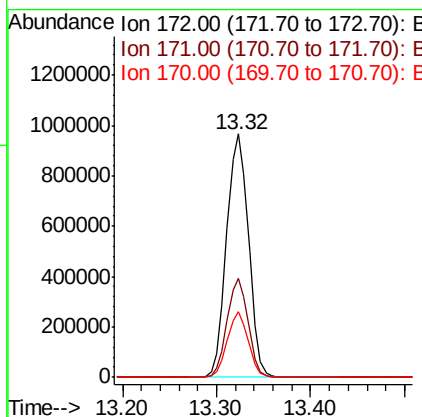
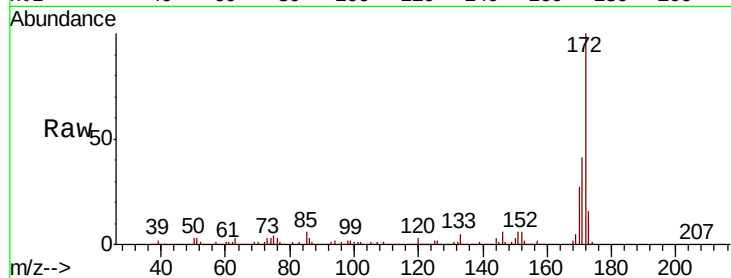




#45
2-Fluorobiphenyl
Concen: 89.732 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

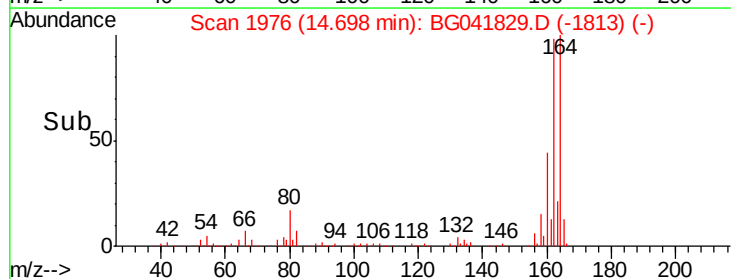
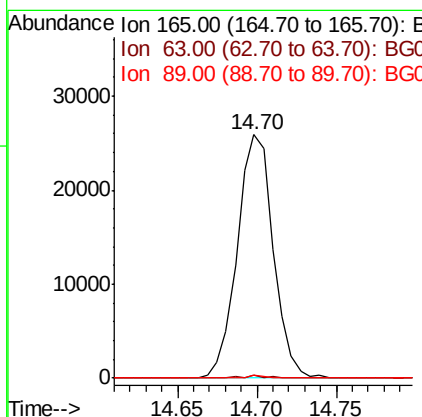
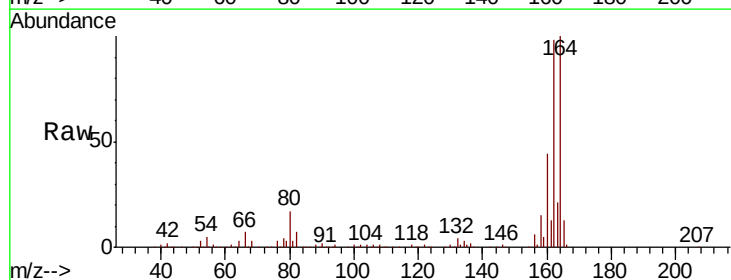
Instrument :
BNA_G
ClientSampleId :

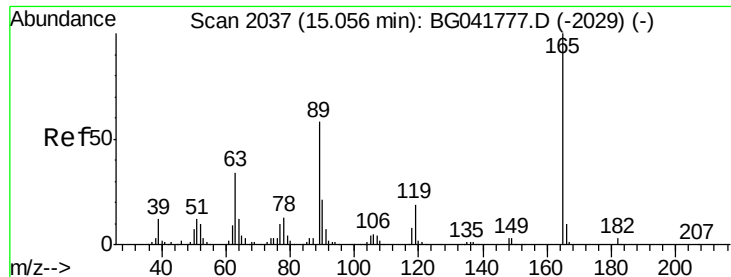
Tot Ion:172 Resp: 1568156
Ion Ratio Lower Upper
172 100
171 40.5 35.0 52.4
170 27.1 23.5 35.3



#51
2,6-Dinitrotoluene
Concen: 9.233 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.43 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:165 Resp: 40641
Ion Ratio Lower Upper
165 100
63 1.4 42.4 63.6#
89 1.4 42.1 63.1#





#57

2,4-Dinitrotoluene

Concen: 6.714 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.36 min

Lab File: BG041829.D

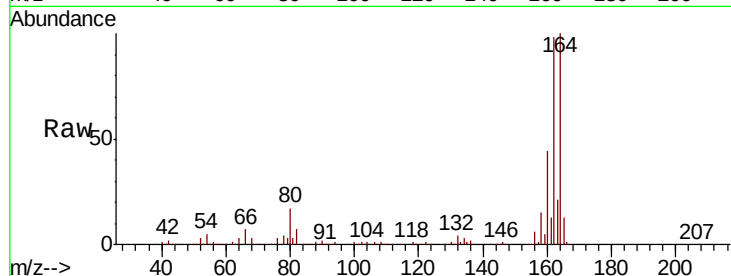
Acq: 31 Jul 2019 10:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	40641
Ion Ratio	Lower	Upper
165	100	
63	1.4	31.7 47.5#
89	1.4	50.2 75.4#
182	0.0	2.6 4.0#

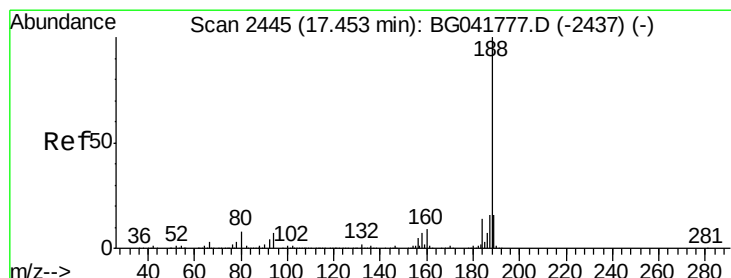
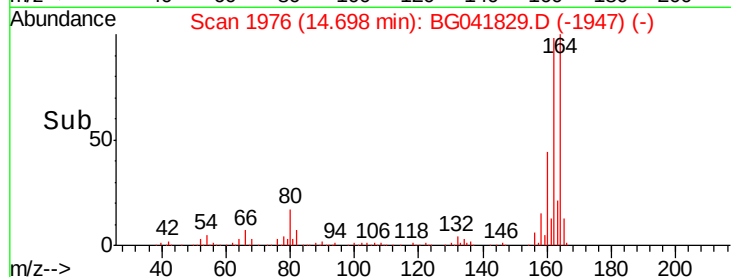
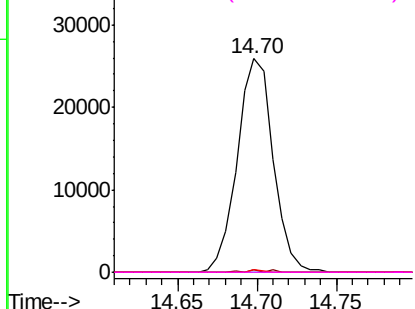


Abundance Ion 165.00 (164.70 to 165.70): E

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

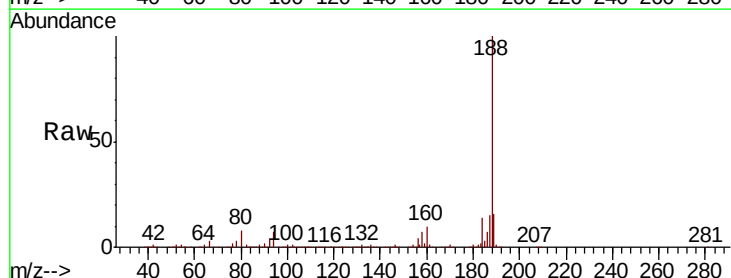
RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041829.D

Acq: 31 Jul 2019 10:54

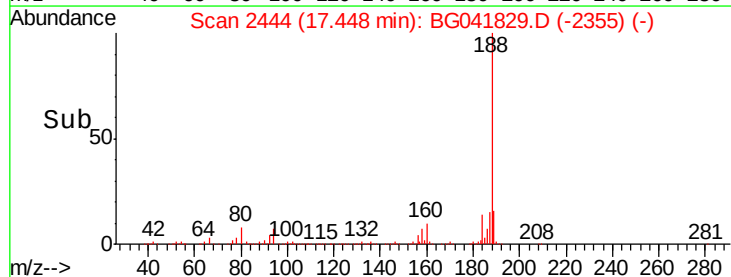
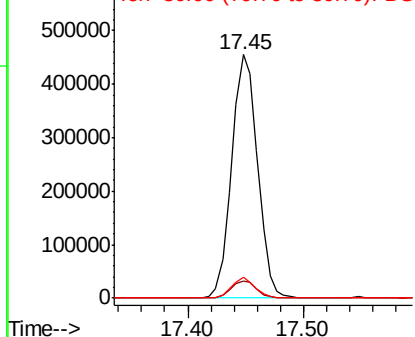
Tgt Ion:188	Resp:	706769
Ion Ratio	Lower	Upper
188	100	
94	6.8	6.9 10.3#
80	8.5	8.0 12.0

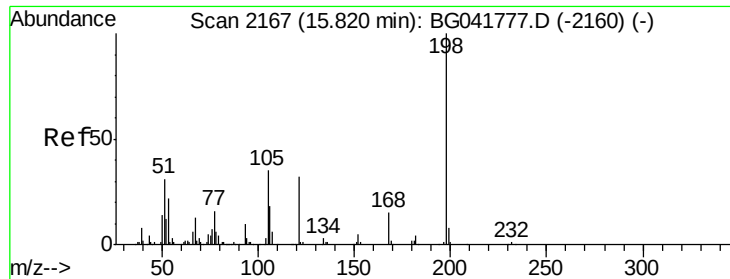


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

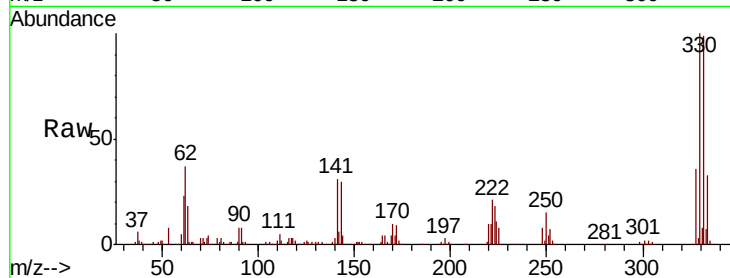




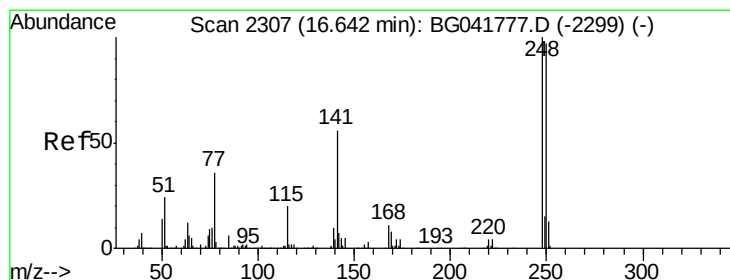
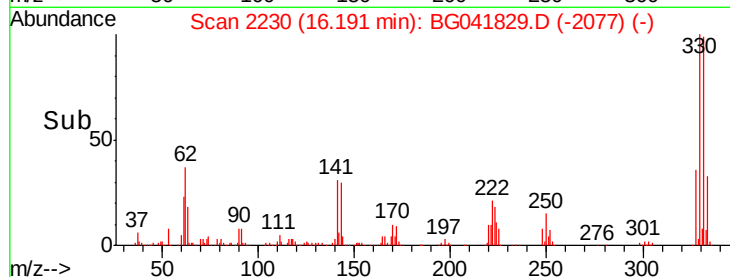
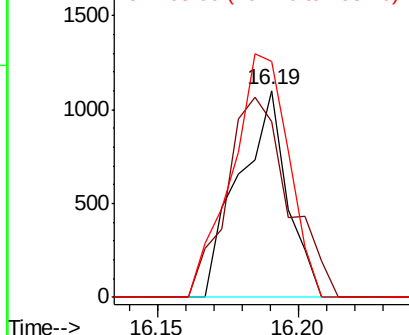
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.175 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.37 min
 Lab File: BG041829.D
 Acq: 31 Jul 2019 10:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 1304
 Ion Ratio Lower Upper
 198 100
 51 85.0 22.3 62.3#
 105 114.2 18.0 58.0#

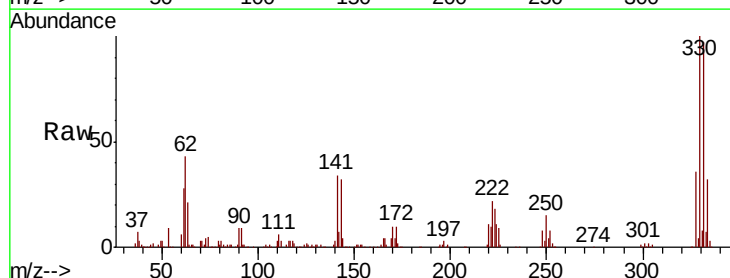


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

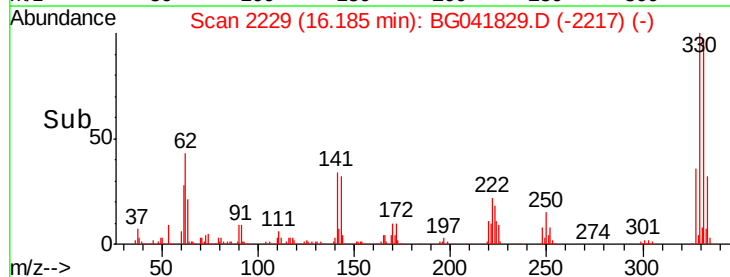
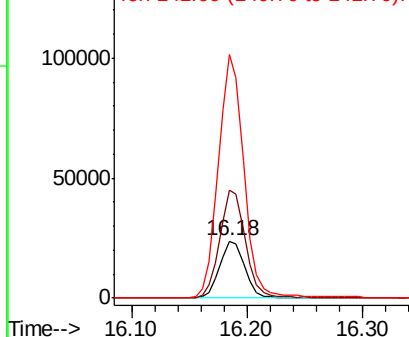


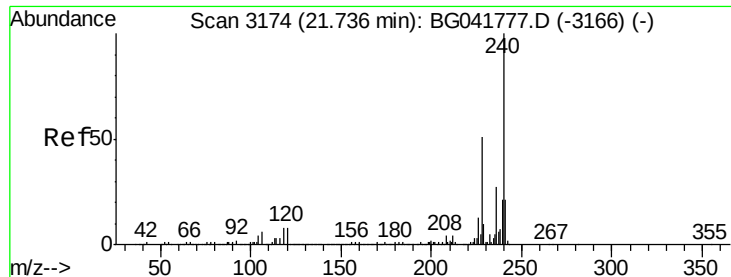
#67
 4-Bromophenyl-phenylether
 Concen: 4.154 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041829.D
 Acq: 31 Jul 2019 10:54

Tgt Ion:248 Resp: 36161
 Ion Ratio Lower Upper
 248 100
 250 190.9 78.1 117.1#
 141 428.9 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. -0.01 min

Lab File: BG041829.D

Acq: 31 Jul 2019 10:54

Instrument :

BNA_G

ClientSampled :

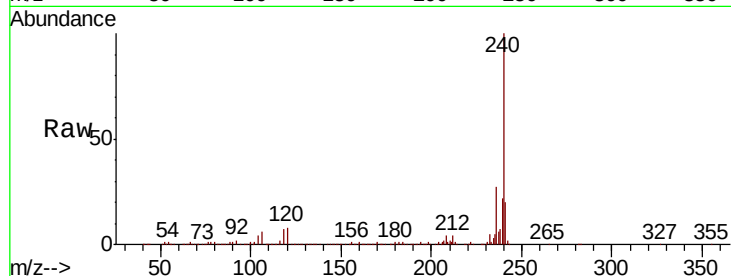
Tot Ion:240 Resp: 741806

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

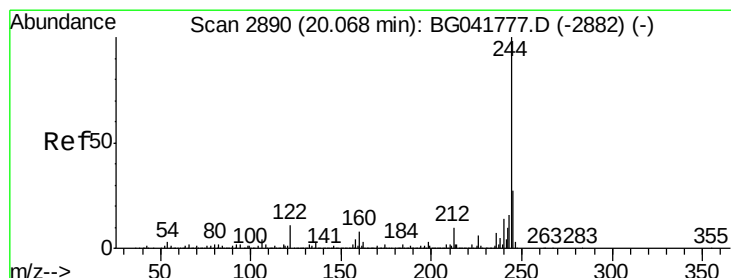
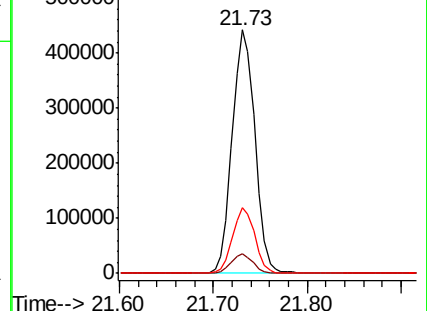
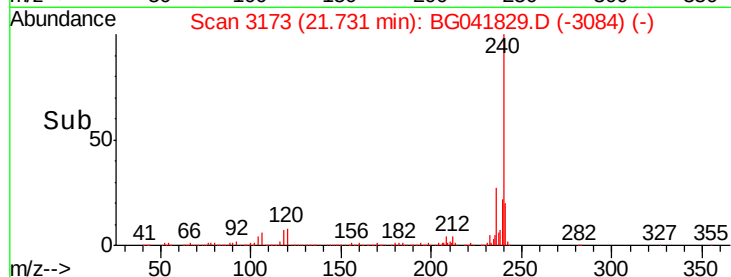
236 27.1 22.6 33.8



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: 77.100 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041829.D

Acq: 31 Jul 2019 10:54

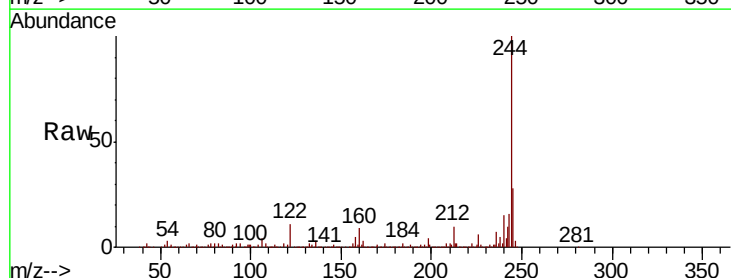
Tgt Ion:244 Resp: 2499406

Ion Ratio Lower Upper

244 100

212 10.3 9.7 14.5

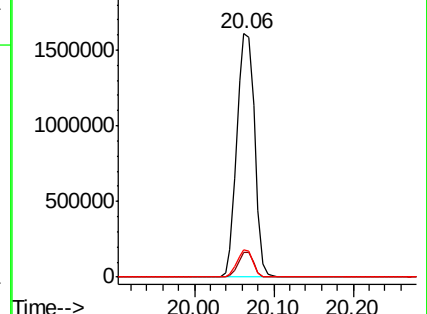
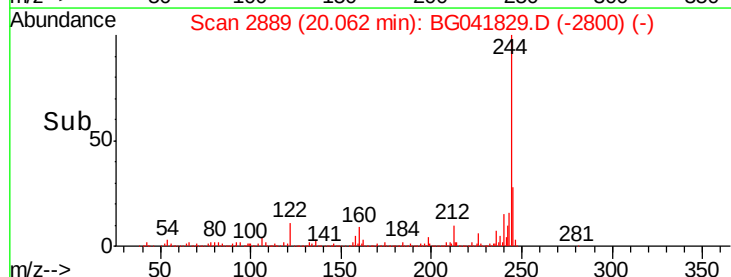
122 11.5 12.5 18.7#

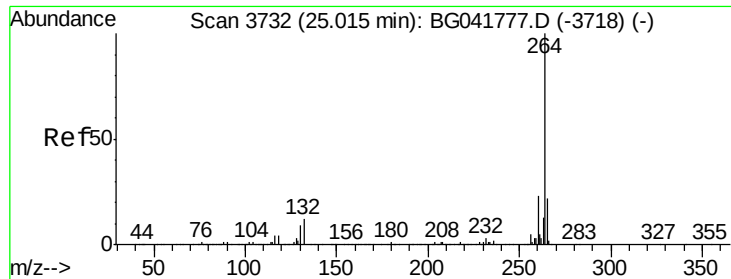


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3730
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.9	18.0	27.0

