

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041330.D
 Acq On : 19 Jun 2019 16:20
 Operator : HP/JU
 Sample : K3154-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 17:05:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

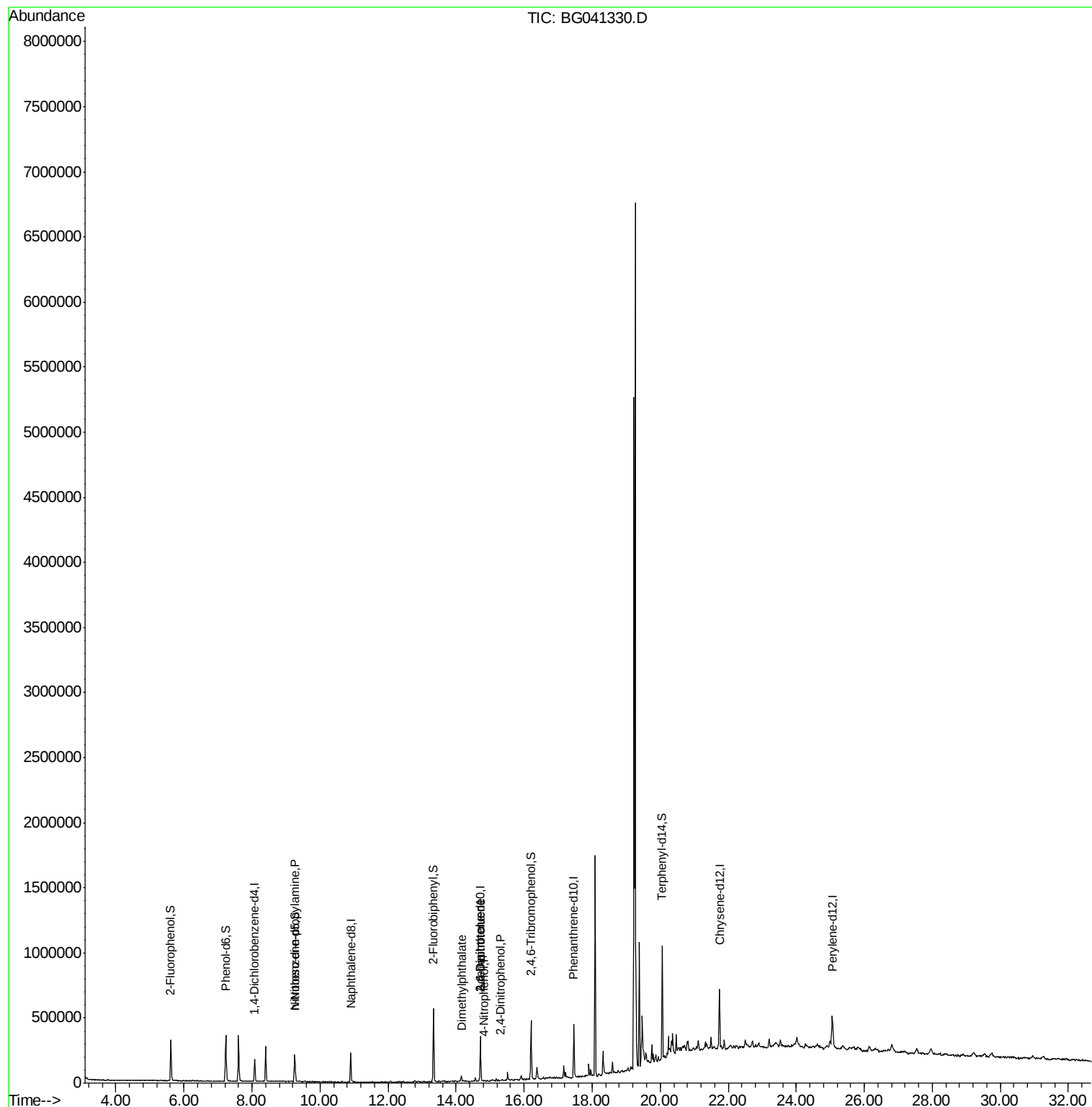
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44986	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	177796	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119724	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	268117	20.00	ng	0.00
76) Chrysene-d12	21.74	240	276404	20.00	ng	0.00
87) Perylene-d12	25.06	264	303076	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	125175	51.13	ng	0.00
7) Phenol-d6	7.23	99	183908	51.82	ng	0.00
23) Nitrobenzene-d5	9.26	82	134515	31.82	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	85548	46.54	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	289204	32.83	ng	0.00
79) Terphenyl-d14	20.06	244	433265	31.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	19899	6.933	ng	# 79
50) Dimethylphthalate	14.16	163	23985	2.252	ng	# 95
51) 2,6-Dinitrotoluene	14.71	165	15960	7.106	ng	# 17
54) 2,4-Dinitrophenol	15.31	184	53	4.877	ng	# 13
56) 4-Nitrophenol	14.82	139	65	3.253	ng	# 93
57) 2,4-Dinitrotoluene	14.71	165	15960	4.861	ng	# 21

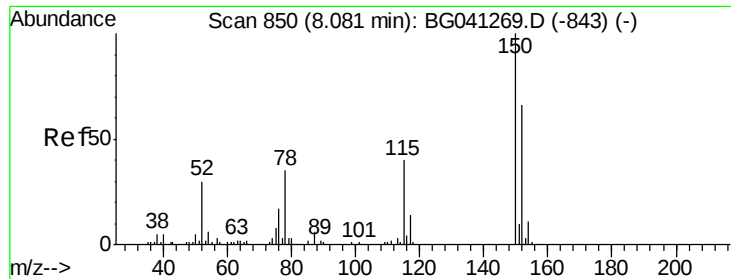
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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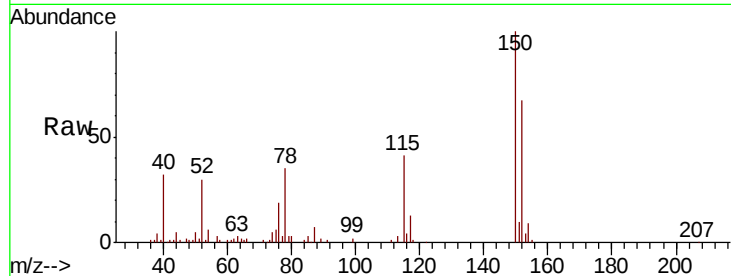


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	120.6	181.0
115	62.2	47.9	71.9

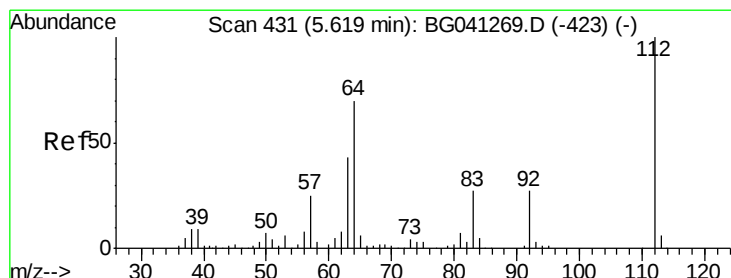
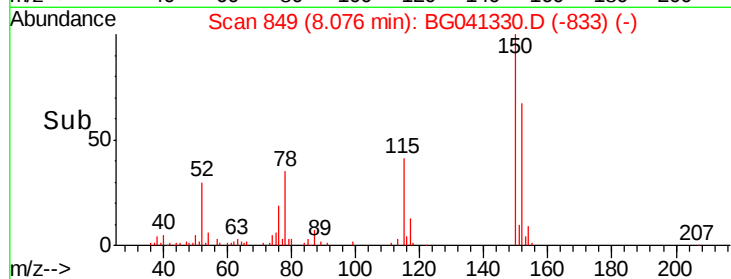
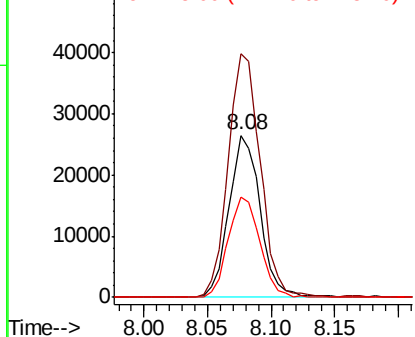


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

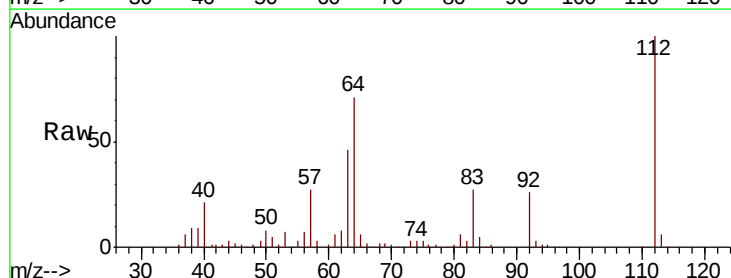
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.127 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	55.9	83.9
63	46.3	34.6	51.8

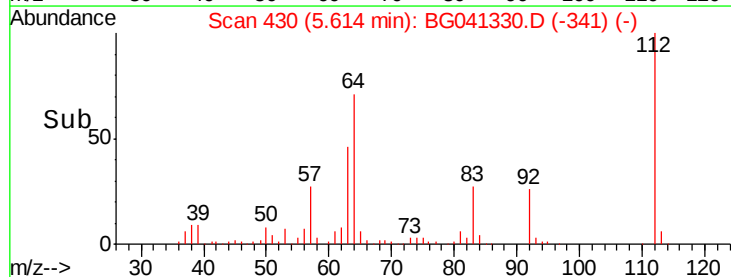
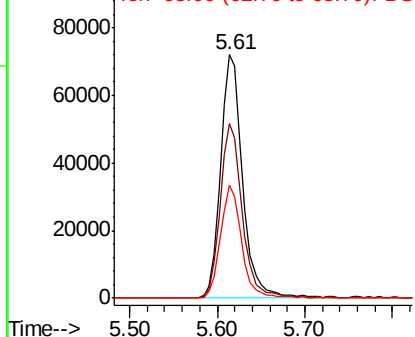


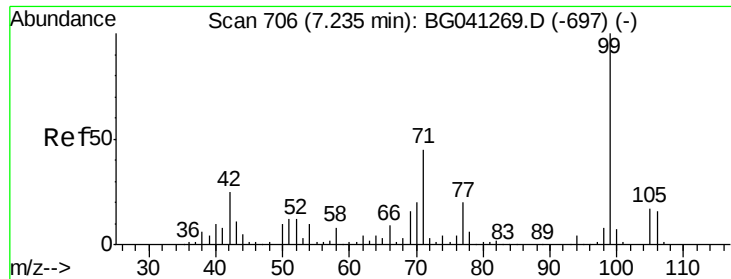
Abundance

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: 51.821 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

Instrument :

BNA_G

ClientSampled :

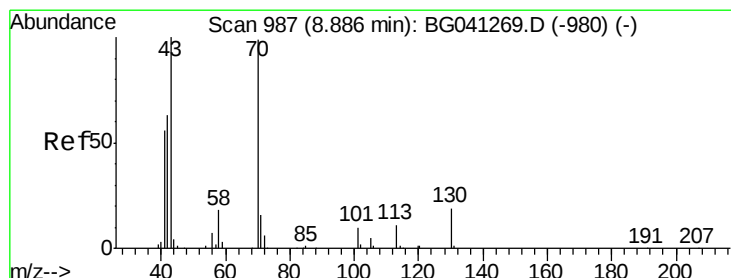
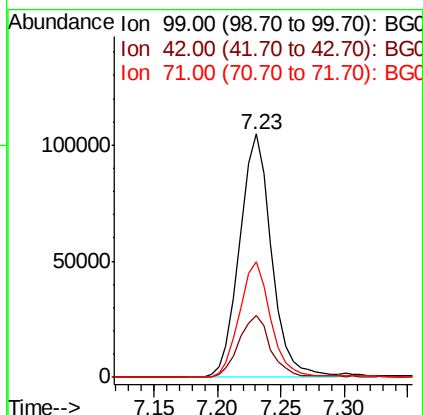
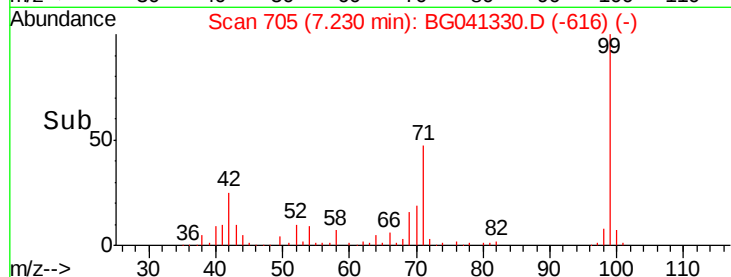
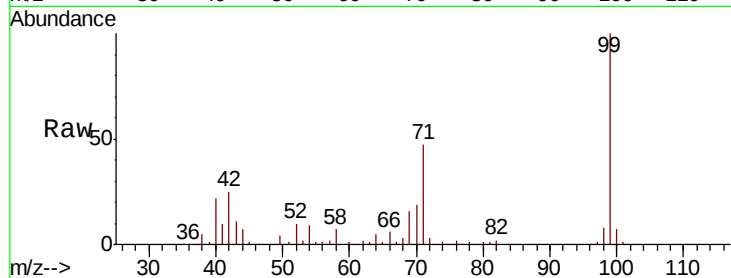
Tot Ion: 99 Resp: 183908

Ion Ratio Lower Upper

99 100

42 25.3 19.9 29.9

71 47.4 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 6.933 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

Tgt Ion: 70 Resp: 19899

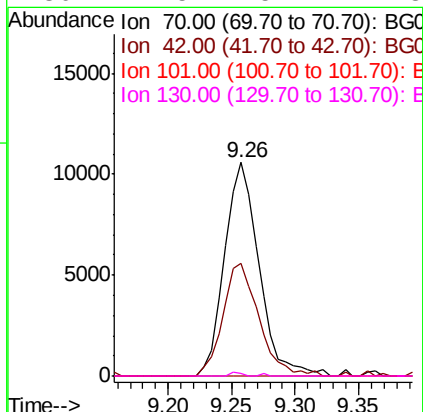
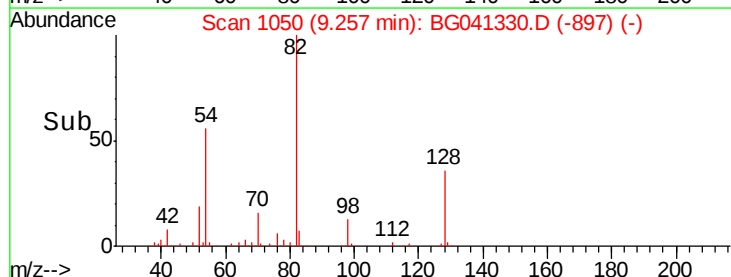
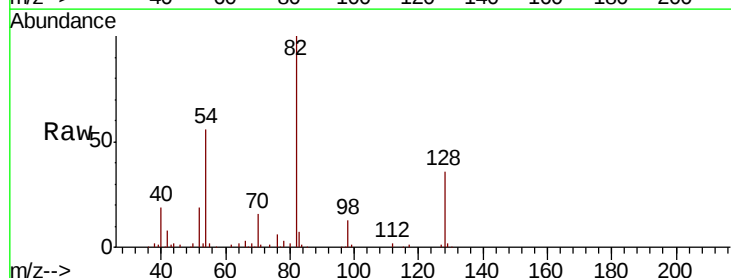
Ion Ratio Lower Upper

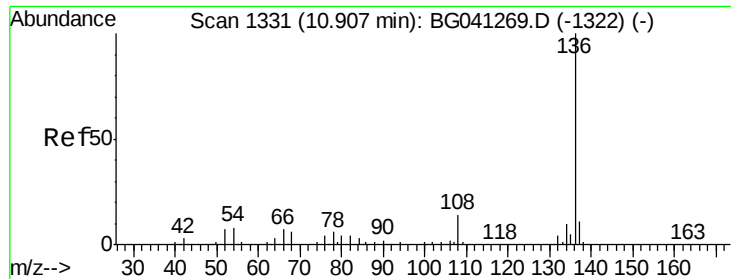
70 100

42 53.0 51.4 77.2

101 0.0 8.2 12.2#

130 1.5 15.2 22.8#

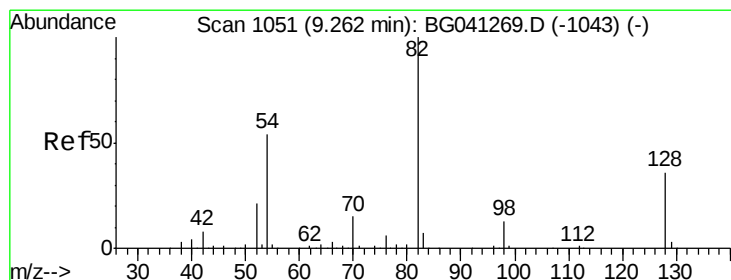
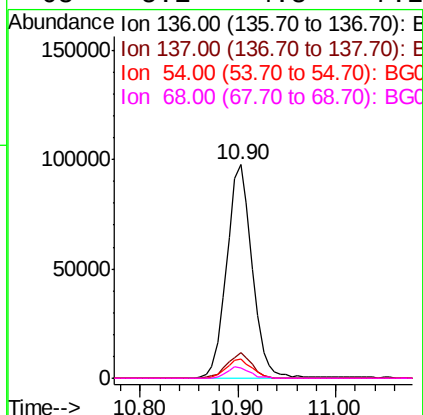
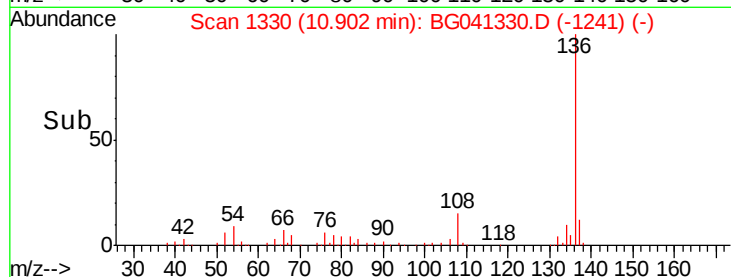
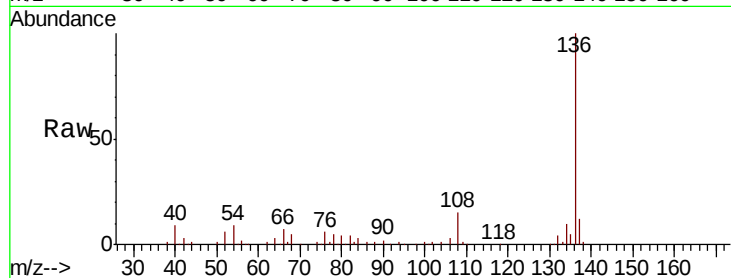




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

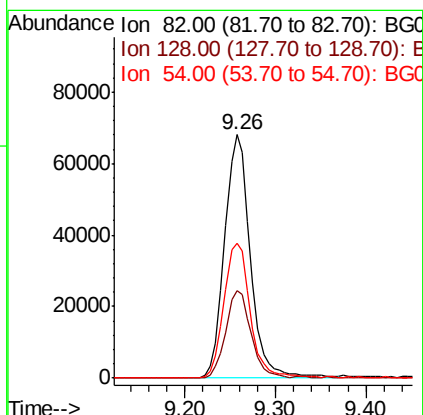
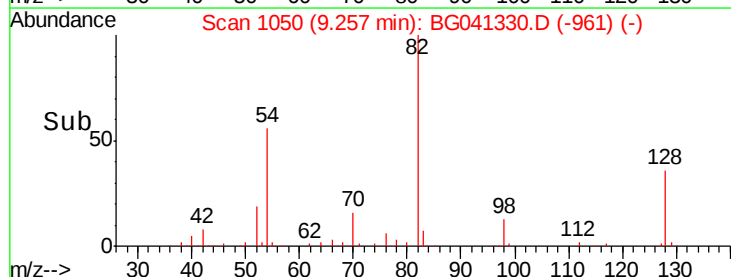
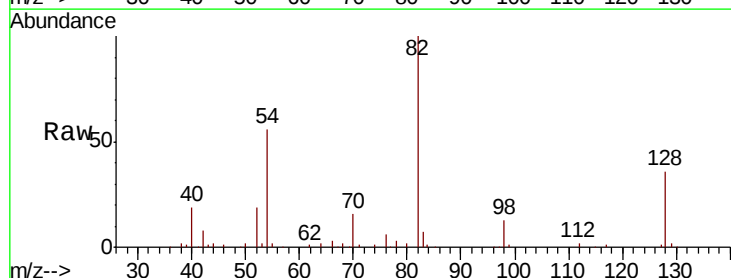
Instrument :
BNA_G
ClientSampleId :

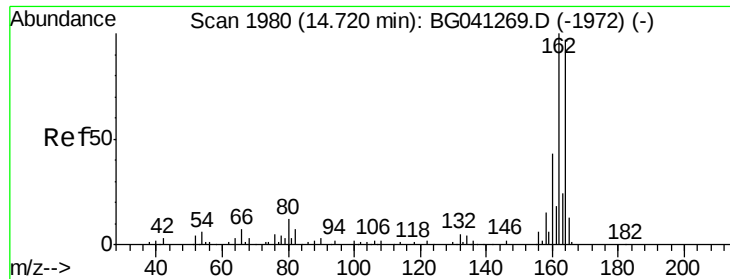
Tot Ion:136	Resp:	177796
Ion	Ratio	Lower Upper
136	100	
137	12.0	8.8 13.2
54	9.2	6.4 9.6
68	5.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 31.818 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

Tgt Ion: 82	Resp:	134515
Ion	Ratio	Lower Upper
82	100	
128	36.1	29.2 43.8
54	55.6	43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

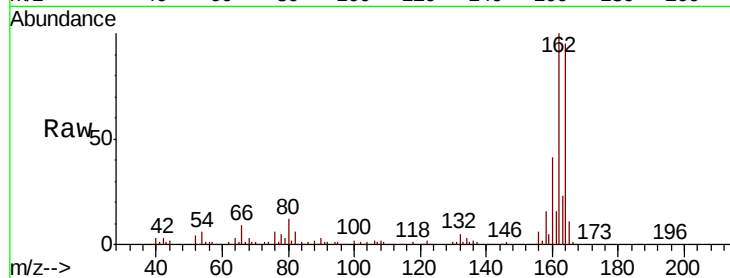
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 119724

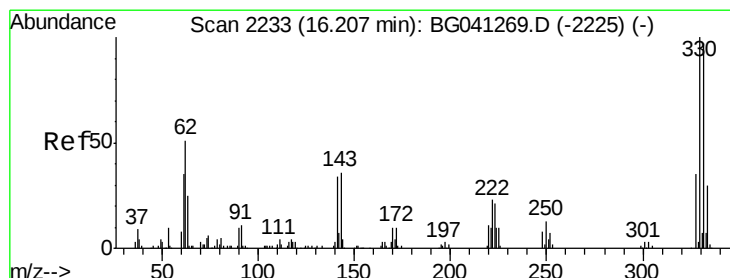
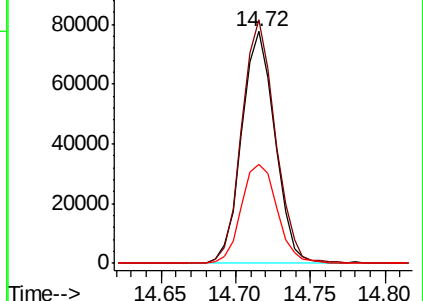
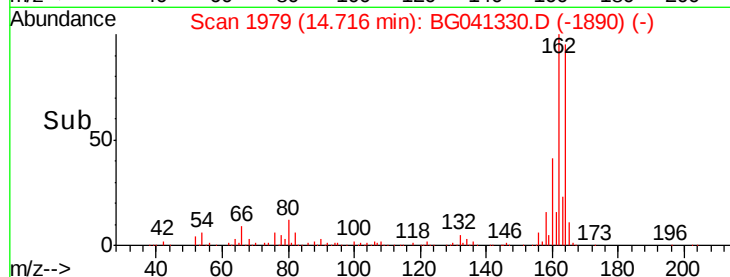
Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.8	124.2
160	42.8	35.8	53.8



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: 46.543 ng

RT: 16.21 min Scan# 2233

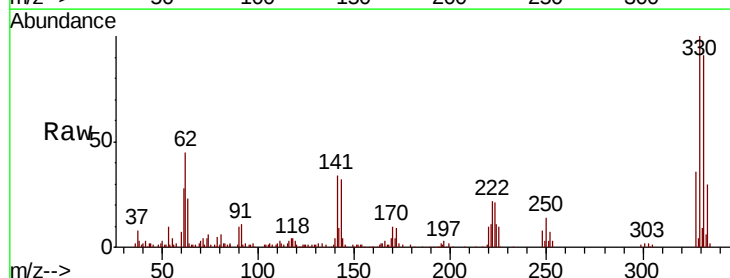
Delta R.T. 0.00 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

Tgt Ion:330 Resp: 85548

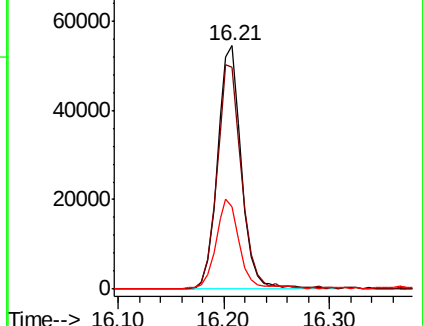
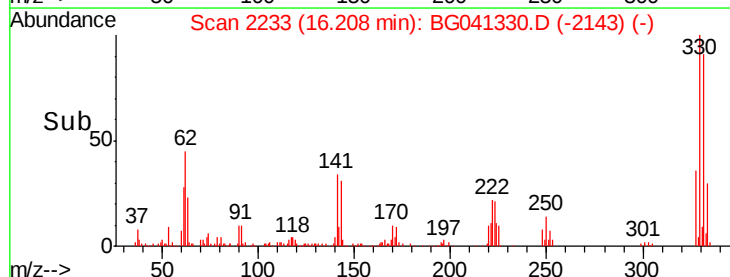
Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.5	113.3
141	36.5	29.0	43.4

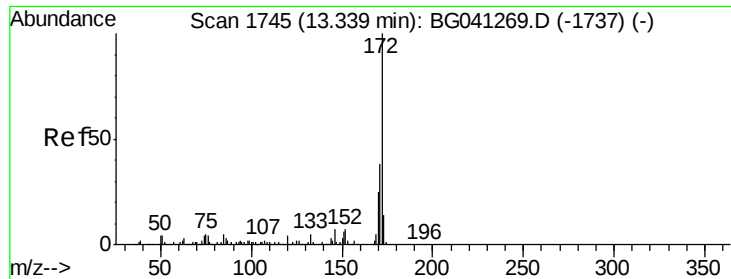


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

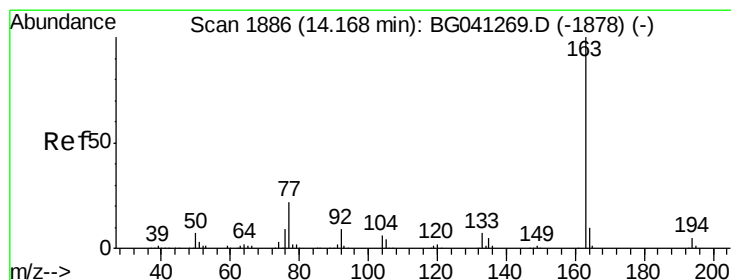
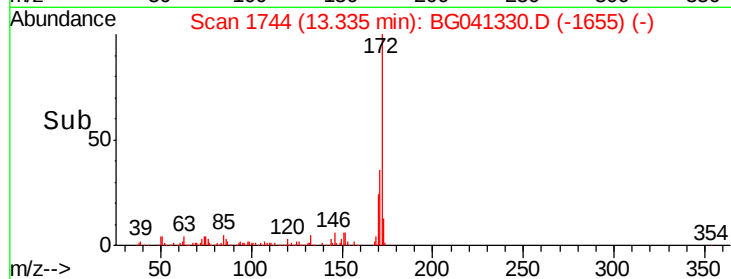
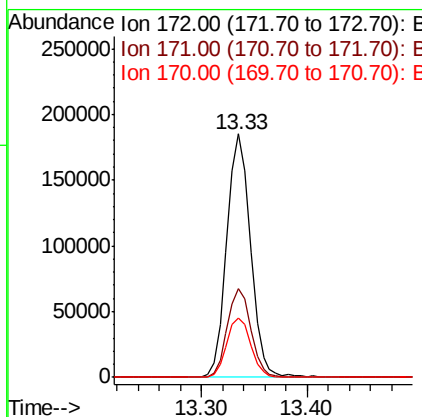
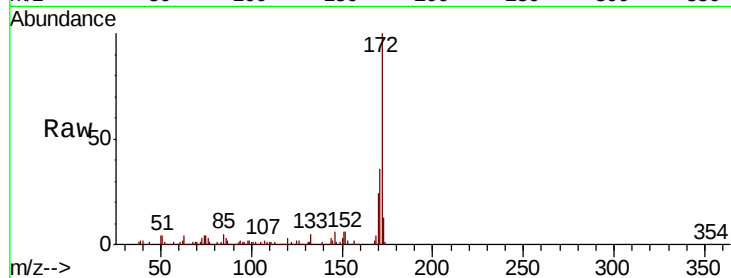




#45
2-Fluorobiphenyl
Concen: 32.832 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

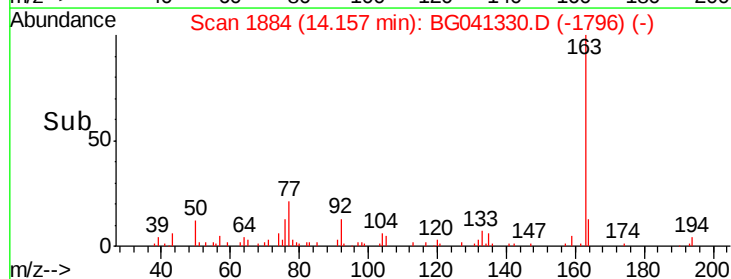
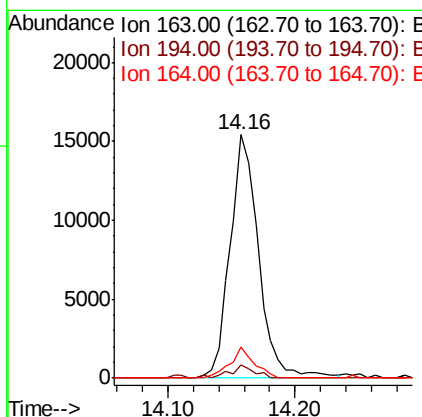
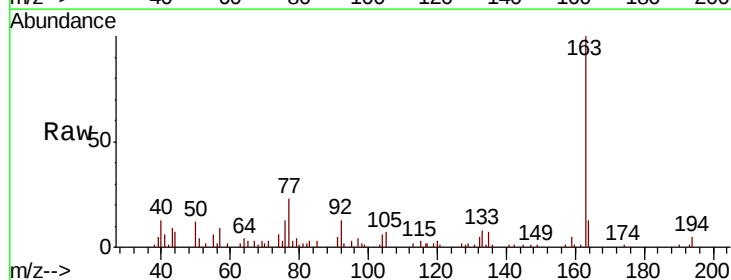
Instrument :
BNA_G
ClientSampleId :

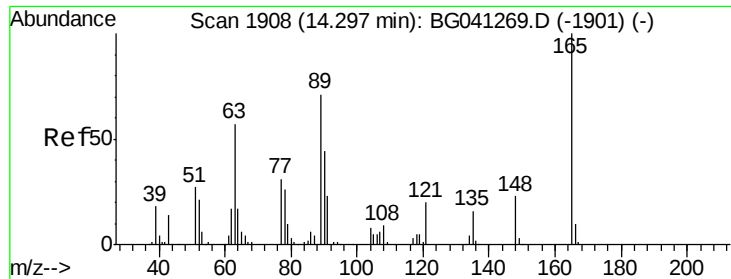
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.4	19.8	29.6



#50
Dimethylphthalate
Concen: 2.252 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.9	5.9
164	12.9	8.3	12.5#





#51

2,6-Dinitrotoluene

Concen: 7.106 ng

RT: 14.71 min Scan# 1978

Delta R.T. 0.41 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

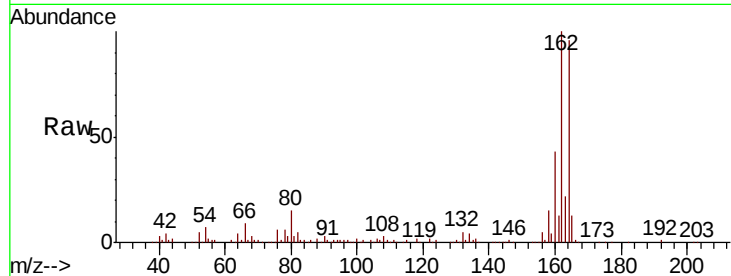
Tot Ion:165 Resp: 15960

Ion Ratio Lower Upper

165 100

63 1.8 55.4 83.0#

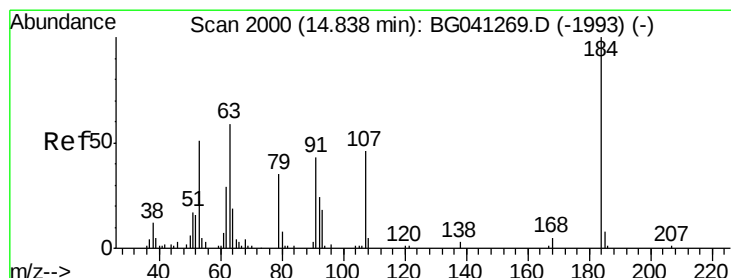
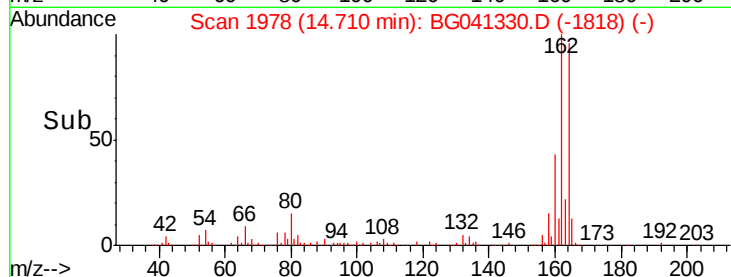
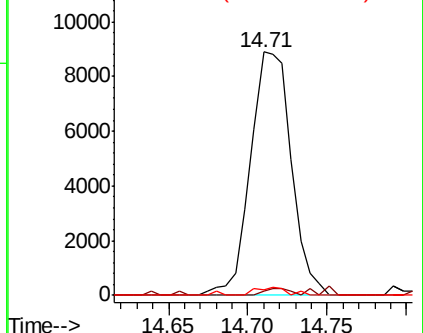
89 2.2 56.5 84.7#



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



#54

2,4-Dinitrophenol

Concen: 4.877 ng

RT: 15.31 min Scan# 2080

Delta R.T. 0.47 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

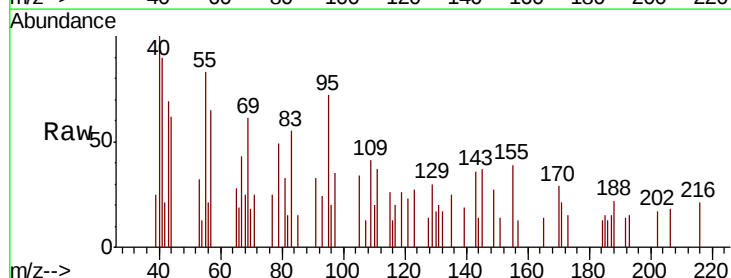
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 0.0 60.0 90.0#

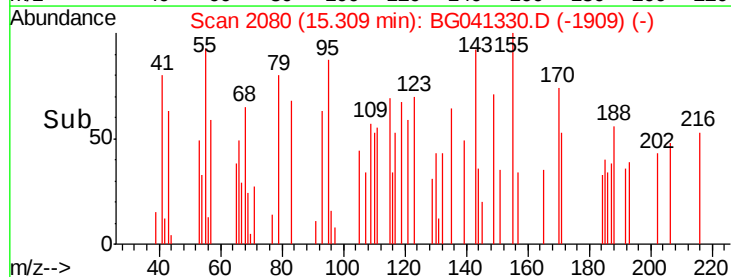
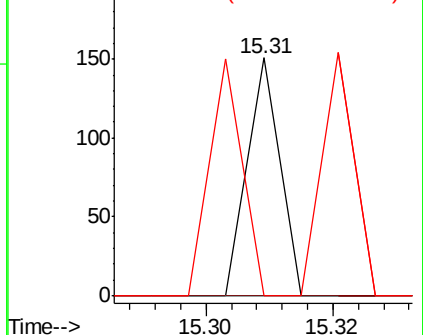
154 0.0 58.3 87.5#

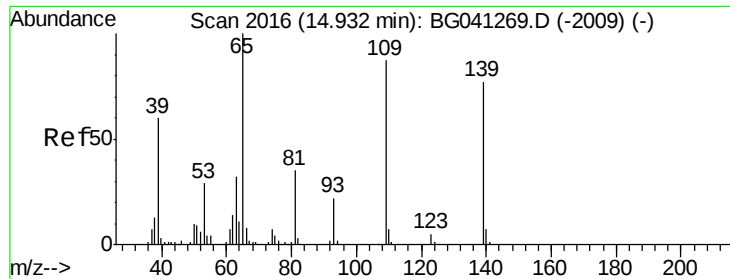


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

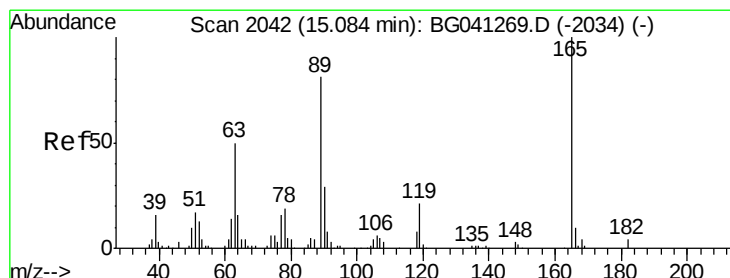
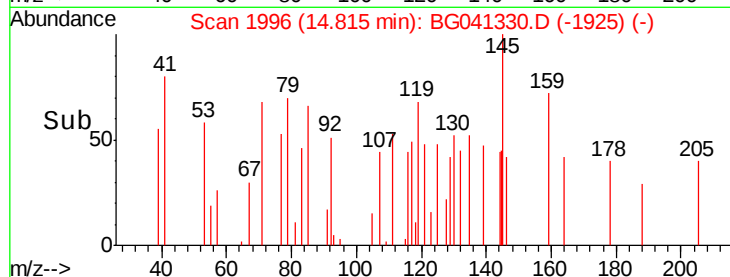
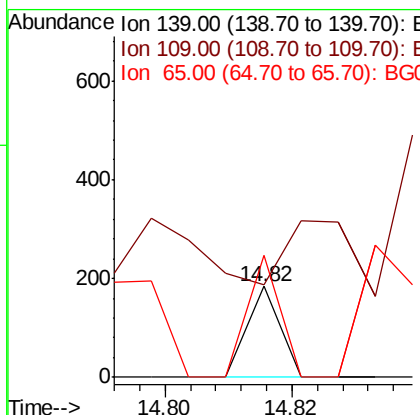
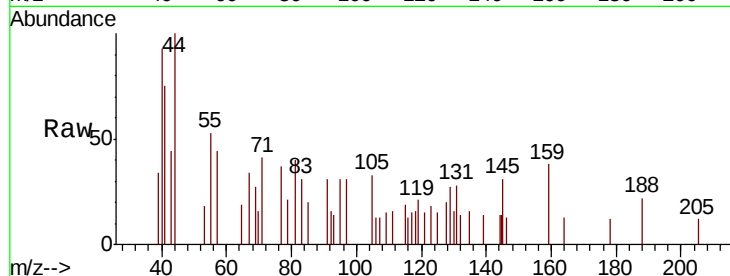




#56
4-Nitrophenol
Concen: 3.253 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.12 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

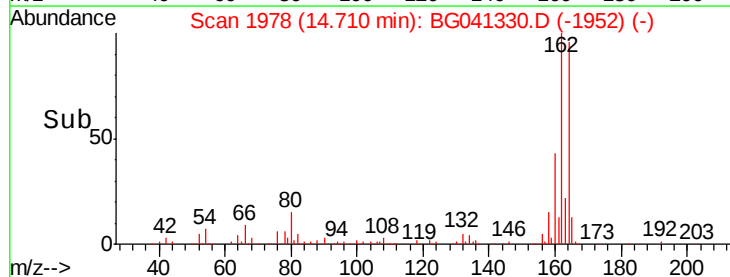
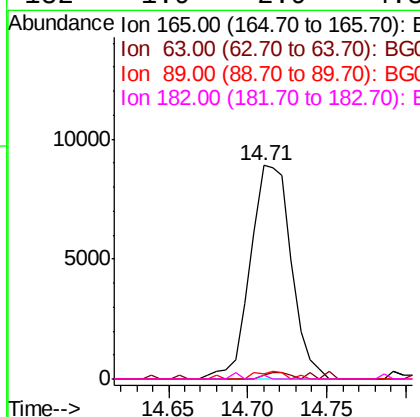
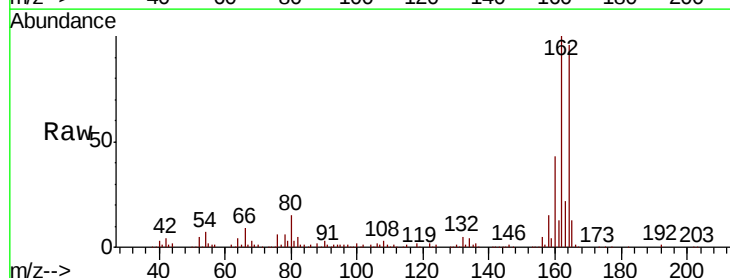
Instrument :
BNA_G
ClientSampleId :

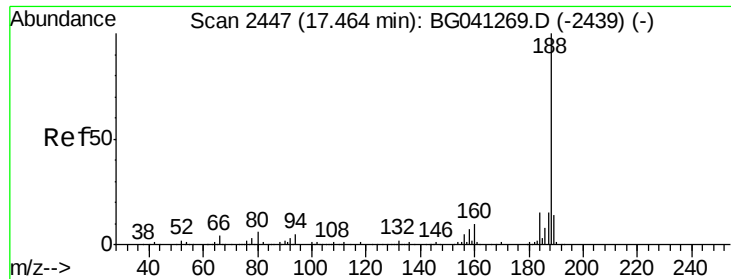
Tot Ion:139 Resp: 65
Ion Ratio Lower Upper
139 100
109 101.1 93.2 133.2
65 134.8 110.2 150.2



#57
2,4-Dinitrotoluene
Concen: 4.861 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.37 min
Lab File: BG041330.D
Acq: 19 Jun 2019 16:20

Tgt Ion:165 Resp: 15960
Ion Ratio Lower Upper
165 100
63 1.8 40.0 60.0#
89 2.2 64.6 96.8#
182 1.9 2.9 4.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

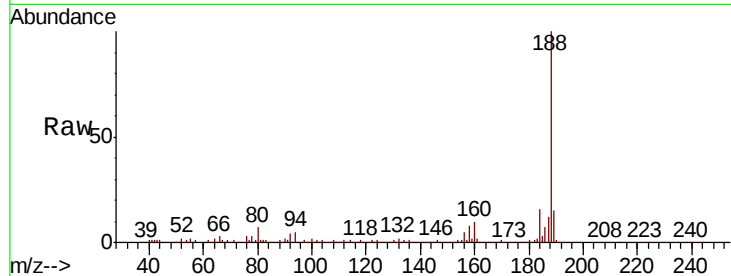
Tot Ion:188 Resp: 268117

Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

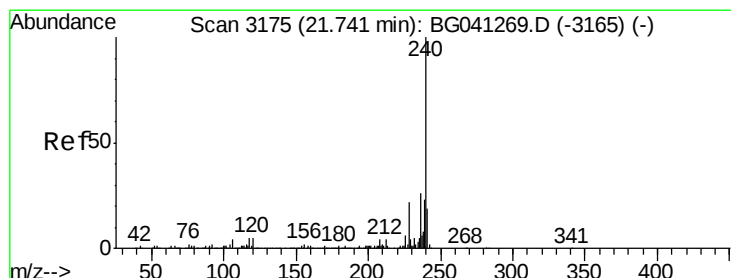
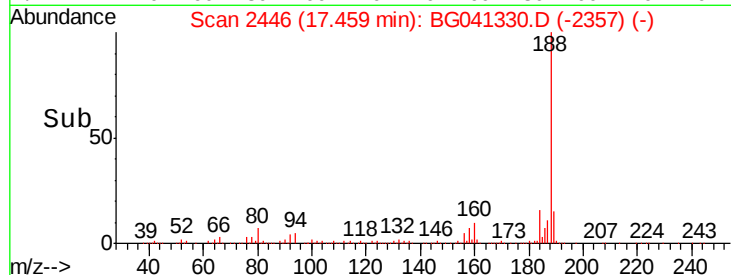
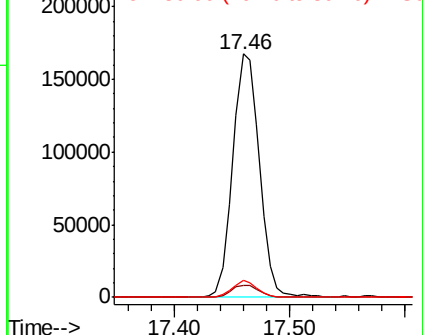
80 7.0 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

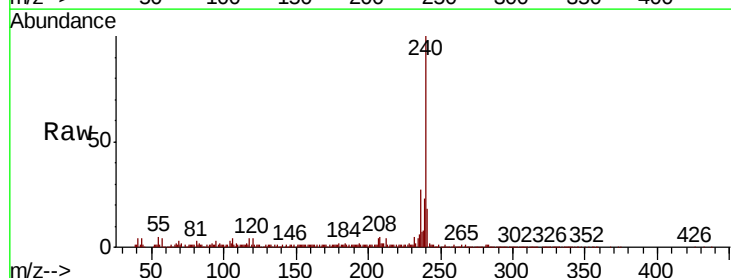
Tgt Ion:240 Resp: 276404

Ion Ratio Lower Upper

240 100

120 4.4 3.7 5.5

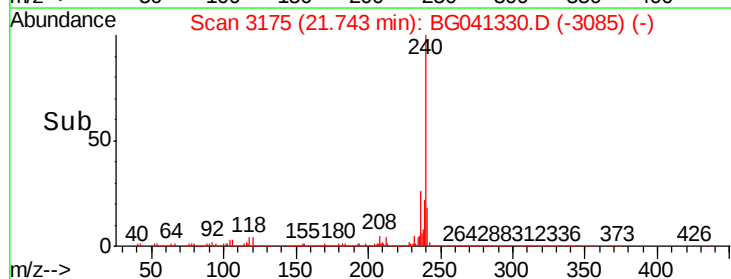
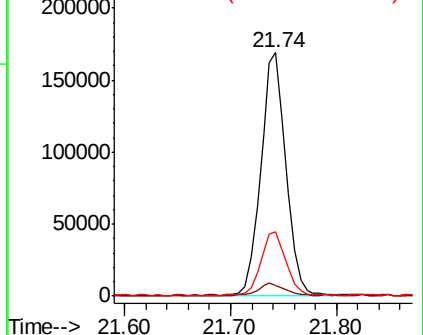
236 26.7 21.1 31.7

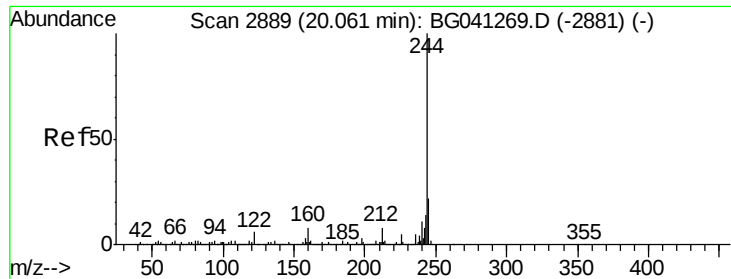


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 31.065 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

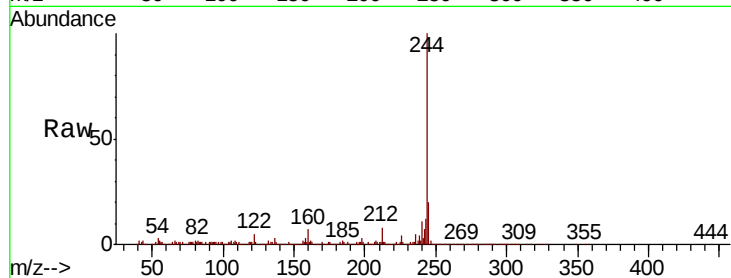
Tot Ion:244 Resp: 433265

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

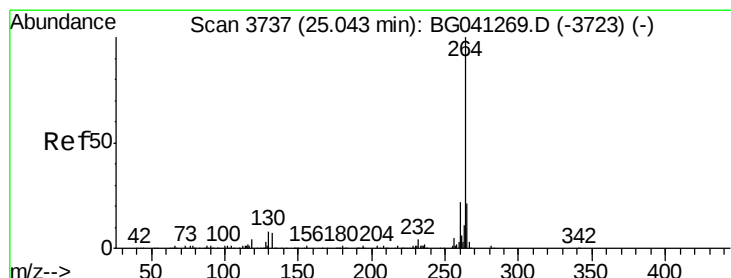
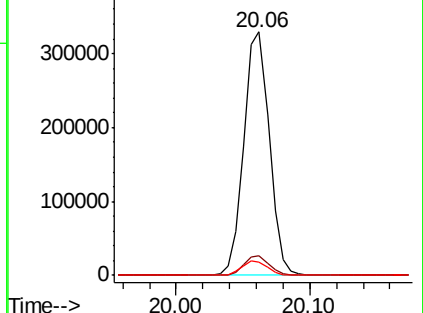
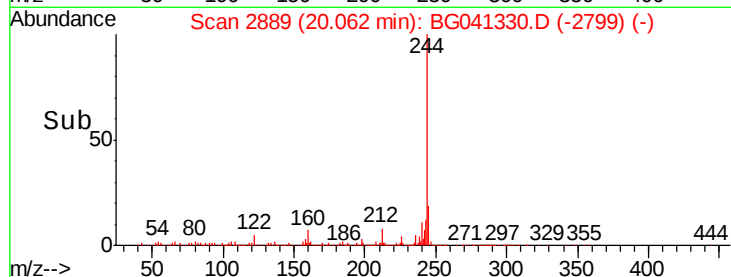
122 5.5 5.0 7.4



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: 25.06 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG041330.D

Acq: 19 Jun 2019 16:20

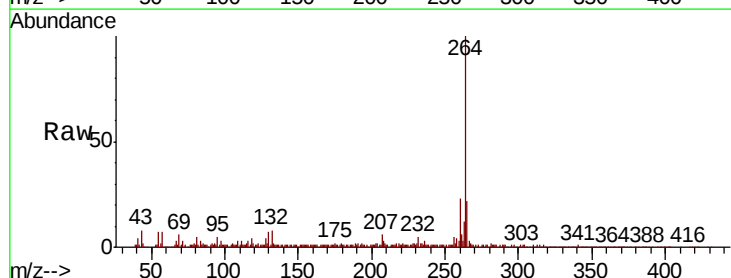
Tgt Ion:264 Resp: 303076

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.2

265 22.3 17.2 25.8



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

