

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041500.D
 Acq On : 27 Jun 2019 22:45
 Operator : HP/JU
 Sample : K3552-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-7

Quant Time: Jun 28 05:53:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

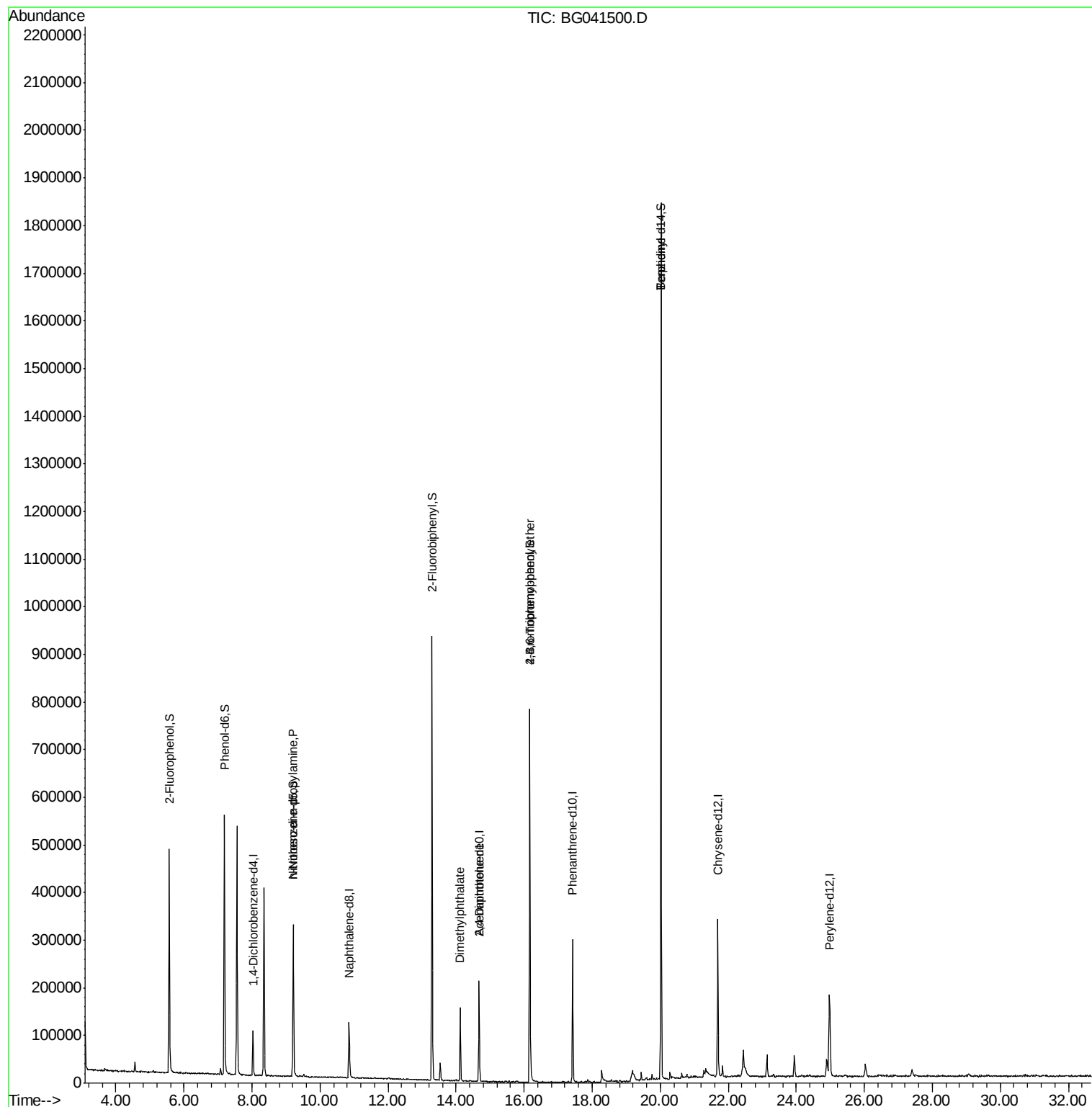
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27001	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96917	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	72357	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	194538	20.00	ng	0.00
76) Chrysene-d12	21.69	240	203094	20.00	ng	0.00
87) Perylene-d12	24.98	264	215108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	191848	126.68	ng	0.00
7) Phenol-d6	7.19	99	286372	134.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	202355	87.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	160269	129.73	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	462241	81.98	ng	0.00
79) Terphenyl-d14	20.03	244	895450	93.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	29376	18.472	ng	Qvalue # 72
50) Dimethylphthalate	14.12	163	101976	15.487	ng	98
57) 2,4-Dinitrotoluene	14.67	165	8958	4.419	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	11219	4.220	ng	# 1
77) Benzidine	20.02	184	14841	3.293	ng	99

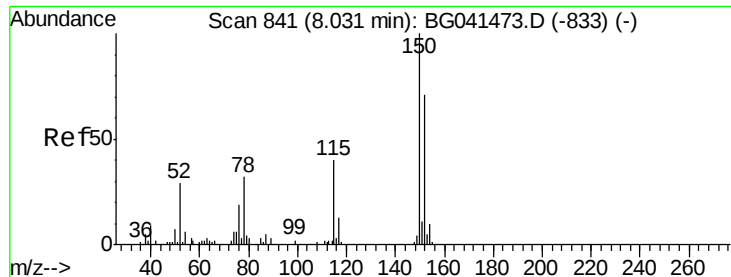
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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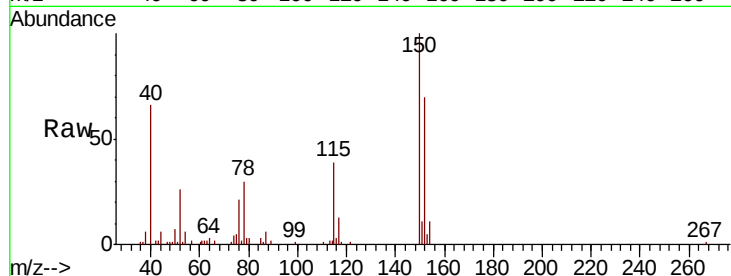


#1

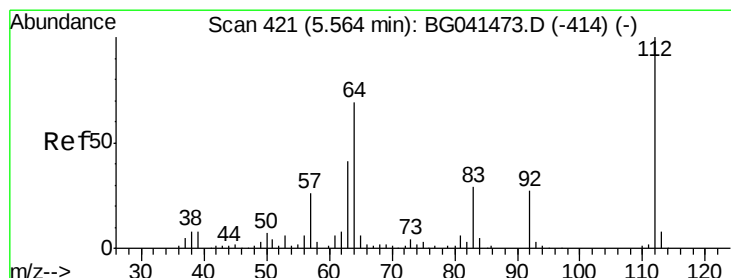
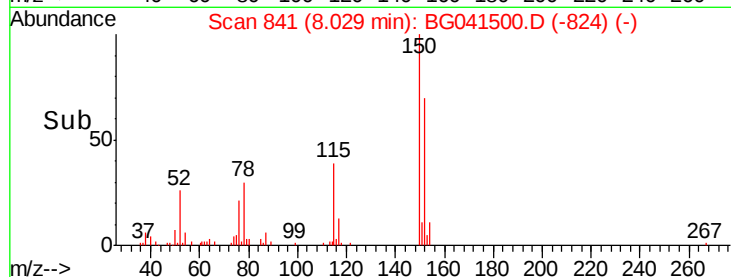
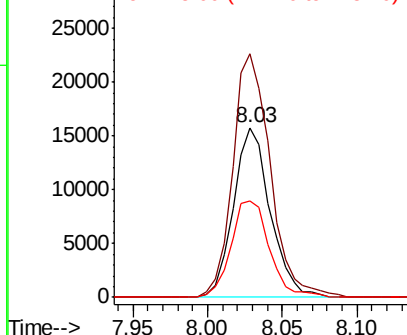
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041500.D
Acq: 27 Jun 2019 22:45

Instrument :
BNA_G
ClientSampleId :
M-7

Tgt Ion:152 Resp: 27001
Ion Ratio Lower Upper
152 100
150 143.4 112.4 168.6
115 56.6 44.6 66.8



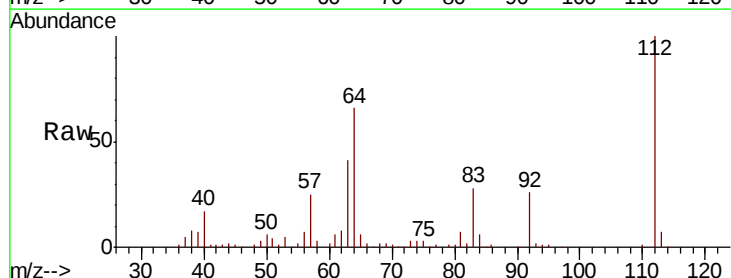
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



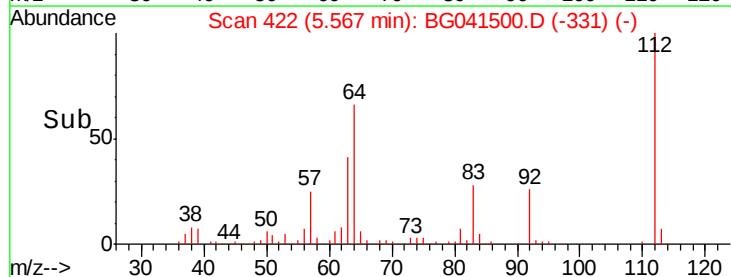
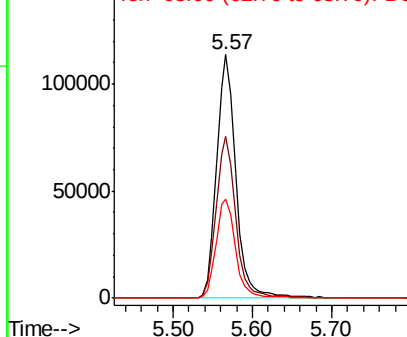
#5

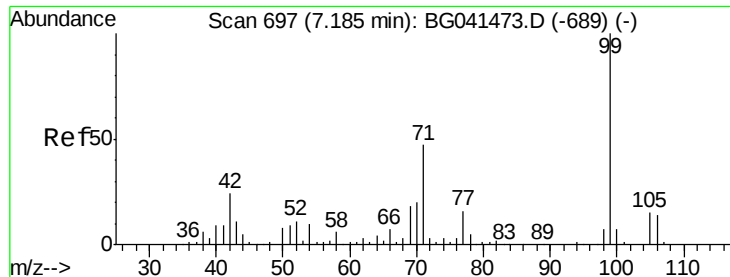
2-Fluorophenol
Concen: 126.676 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041500.D
Acq: 27 Jun 2019 22:45

Tgt Ion:112 Resp: 191848
Ion Ratio Lower Upper
112 100
64 66.5 55.1 82.7
63 40.7 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.321 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041500.D

Acq: 27 Jun 2019 22:45

Instrument :

BNA_G

ClientSampleId :

M-7

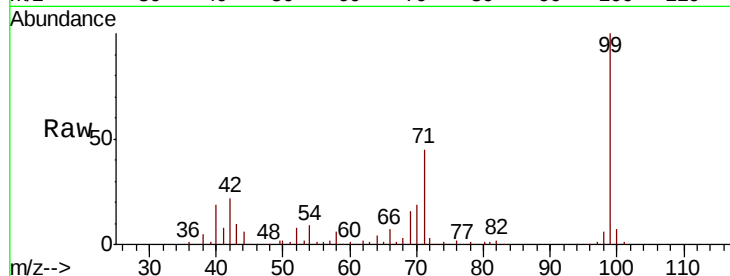
Tgt Ion: 99 Resp: 286372

Ion Ratio Lower Upper

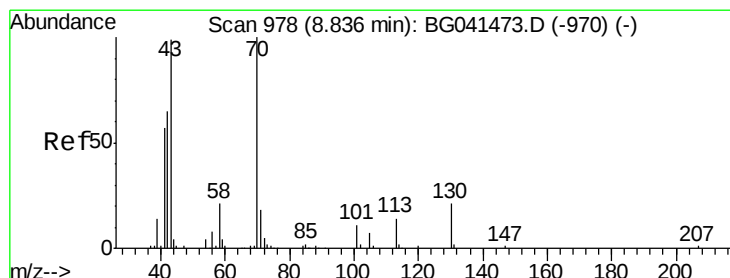
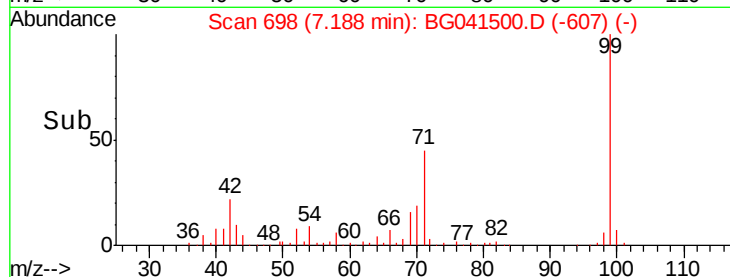
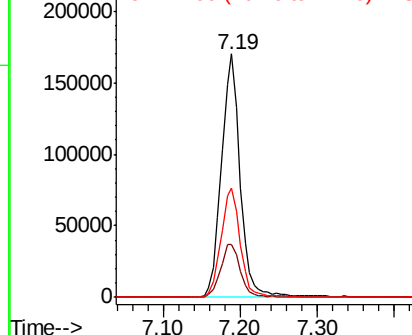
99 100

42 21.9 19.0 28.6

71 45.0 37.4 56.2



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: 18.472 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.38 min

Lab File: BG041500.D

Acq: 27 Jun 2019 22:45

Tgt Ion: 70 Resp: 29376

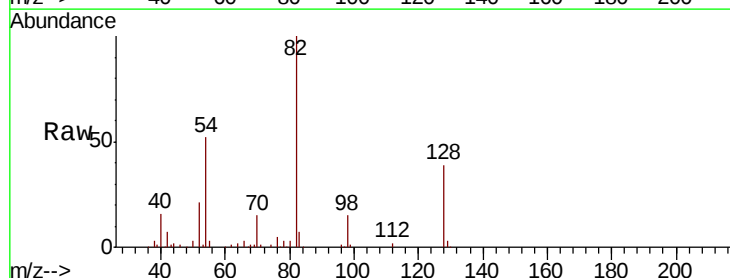
Ion Ratio Lower Upper

70 100

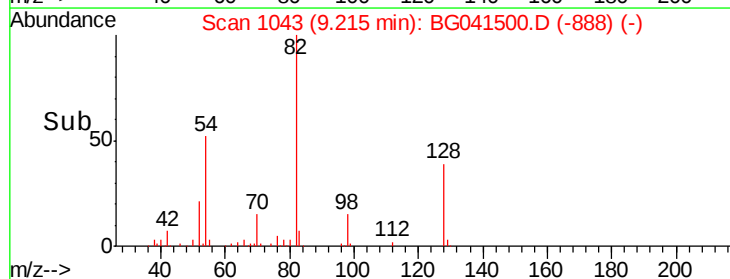
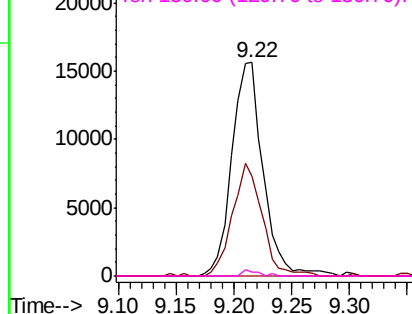
42 46.6 52.6 78.8#

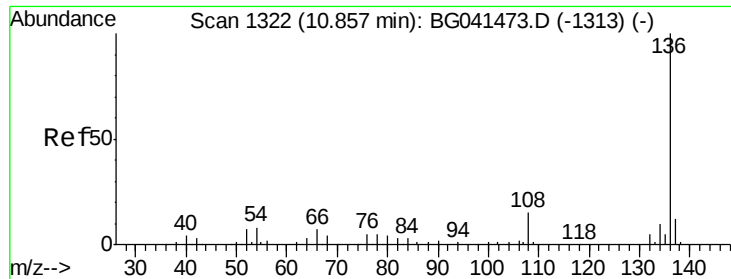
101 0.0 8.6 13.0#

130 1.9 16.6 25.0#



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

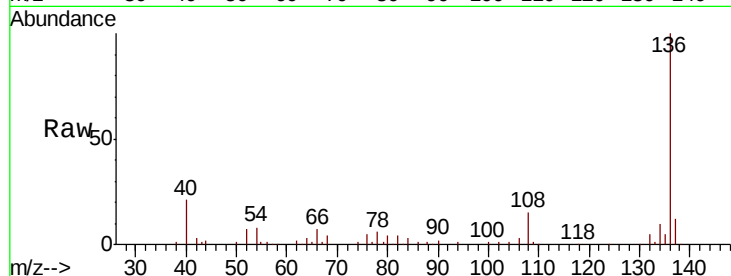




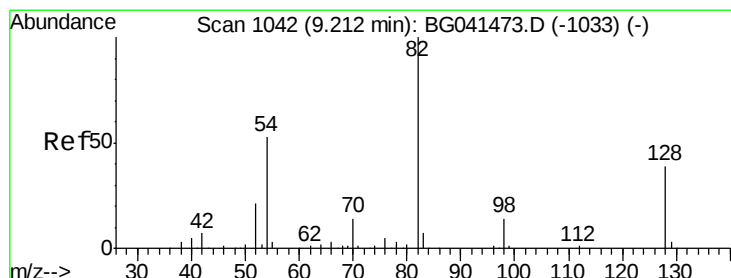
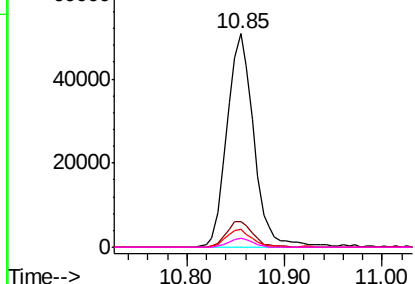
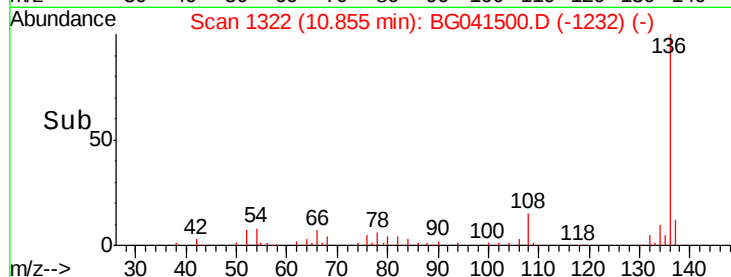
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041500.D
Acq: 27 Jun 2019 22:45

Instrument :
BNA_G
ClientSampleId :
M-7

Tgt Ion:	136	Resp:	96917
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	8.4	7.1	10.7
68	3.9	3.3	4.9

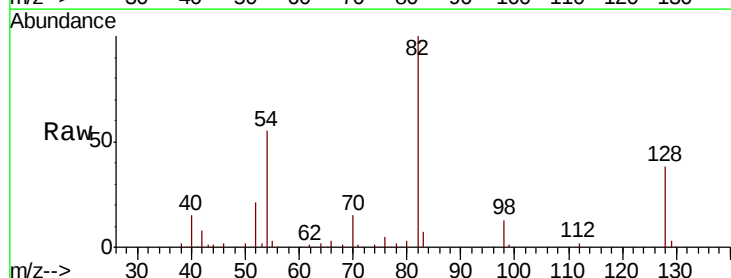


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

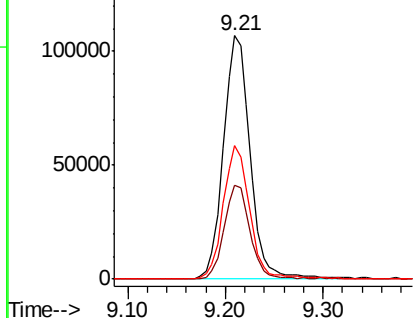
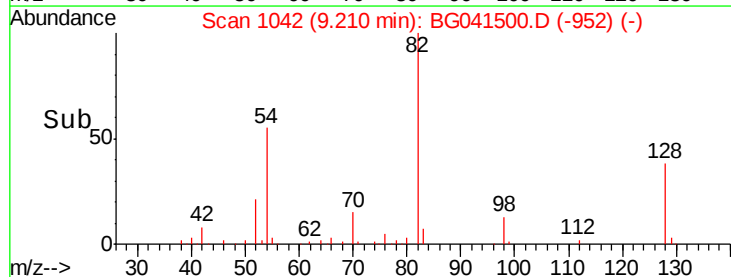


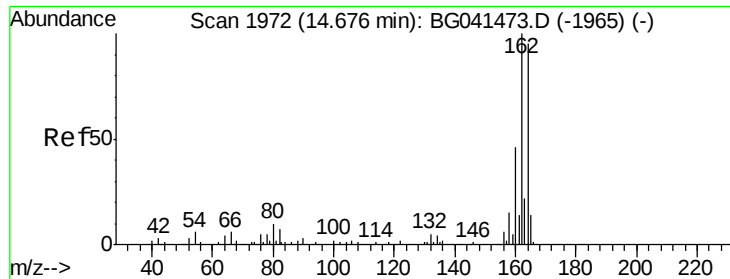
#23
Nitrobenzene-d5
Concen: 87.081 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041500.D
Acq: 27 Jun 2019 22:45

Tgt Ion:	82	Resp:	202355
Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.9	46.3
54	55.0	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041500.D

Acq: 27 Jun 2019 22:45

Instrument :

BNA_G

ClientSampleId :

M-7

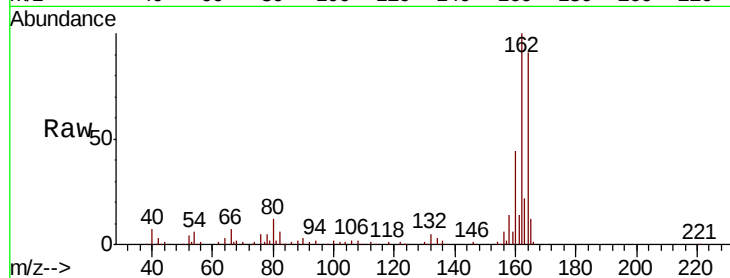
Tgt Ion:164 Resp: 72357

Ion Ratio Lower Upper

164 100

162 110.0 84.4 126.6

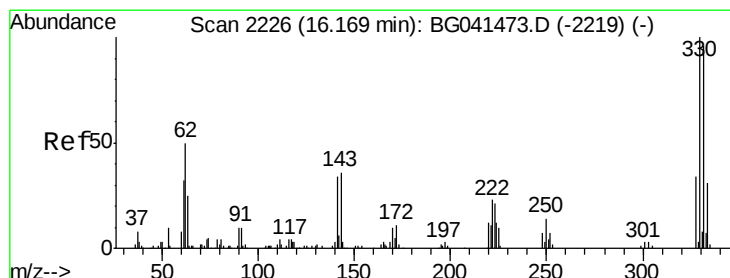
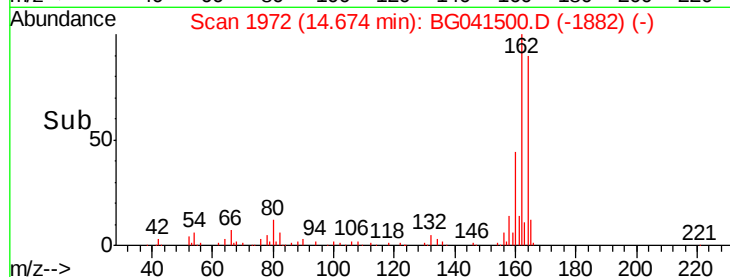
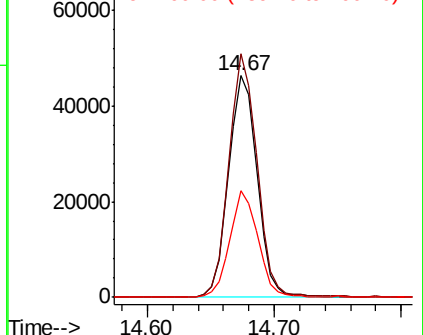
160 48.0 38.8 58.2



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: 129.725 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041500.D

Acq: 27 Jun 2019 22:45

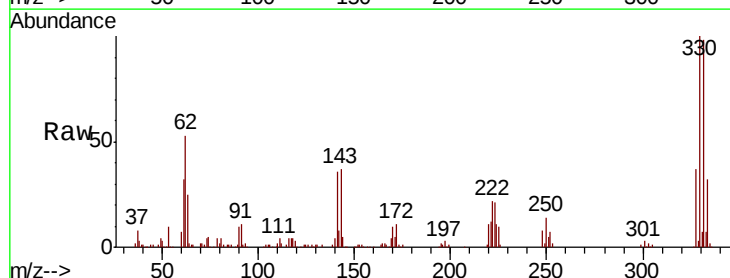
Tgt Ion:330 Resp: 160269

Ion Ratio Lower Upper

330 100

332 96.3 75.5 113.3

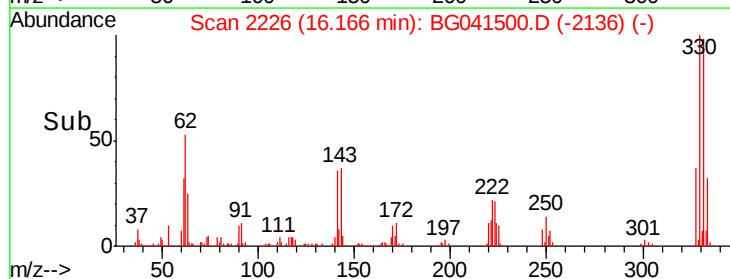
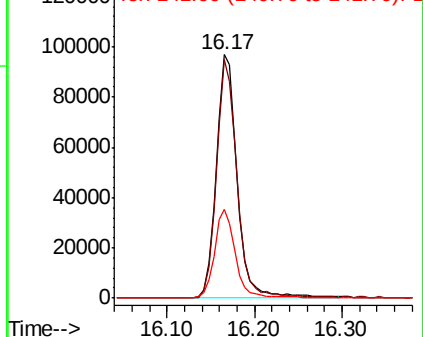
141 36.1 27.8 41.6

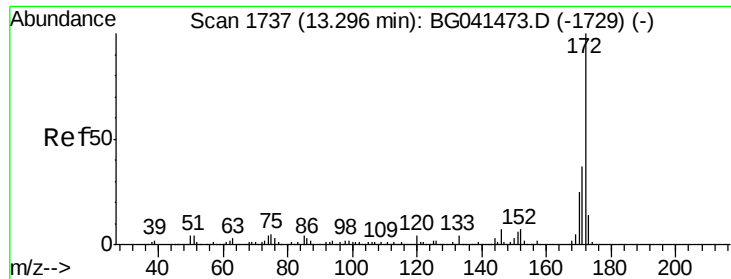


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

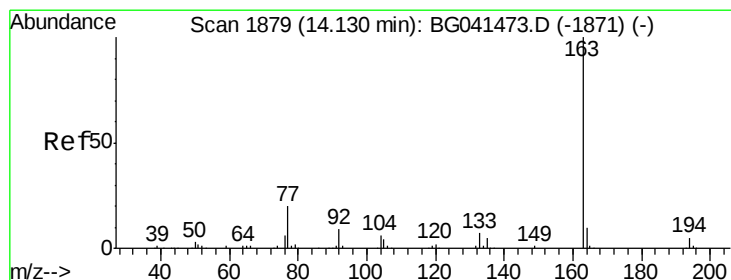
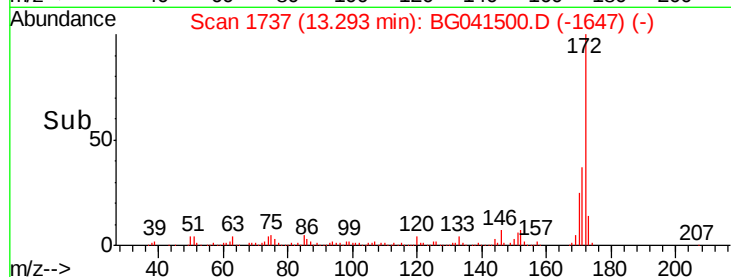
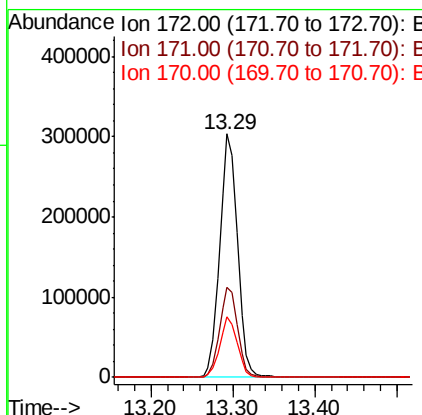
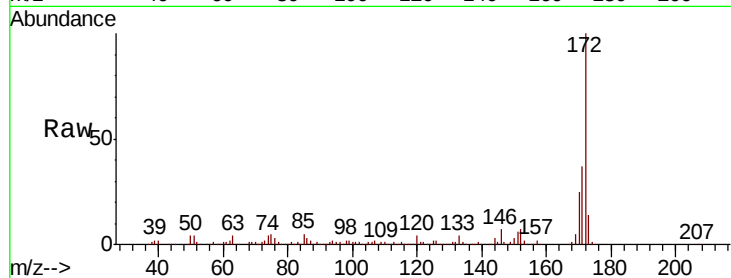




#45
2-Fluorobiphenyl
Concen: 81.979 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041500.D
Acq: 27 Jun 2019 22:45

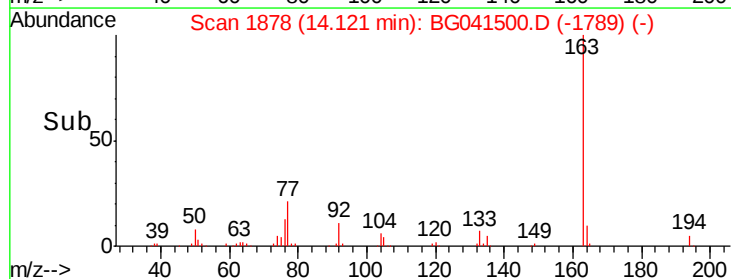
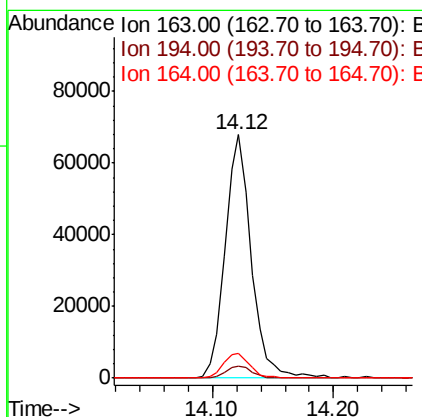
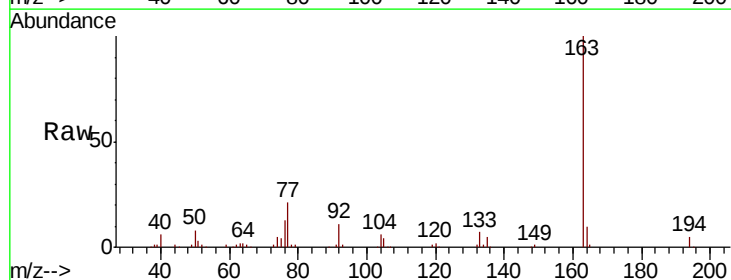
Instrument :
BNA_G
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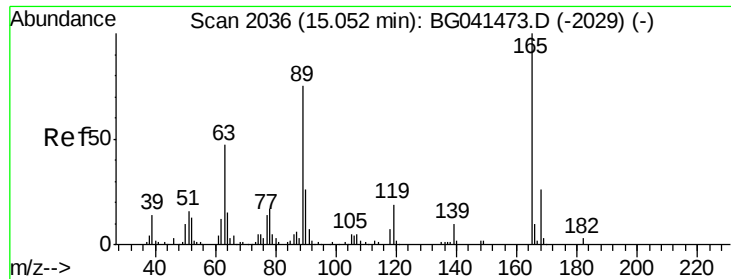
Tgt Ion:172 Resp: 462241
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 25.0 20.0 30.0



#50
Dimethylphthalate
Concen: 15.487 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041500.D
Acq: 27 Jun 2019 22:45

Tgt Ion:163 Resp: 101976
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 10.4 7.8 11.6

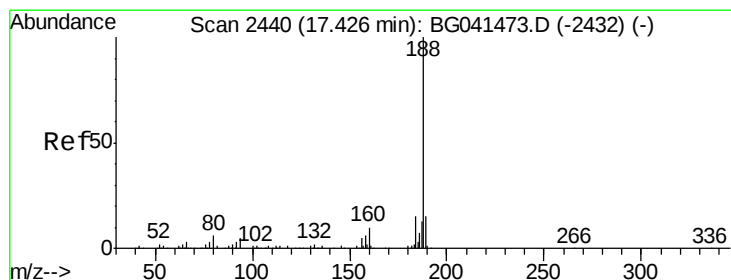
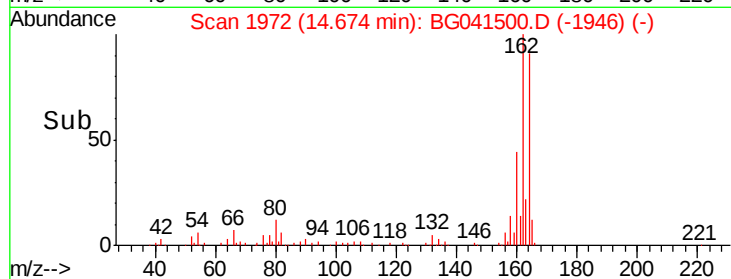
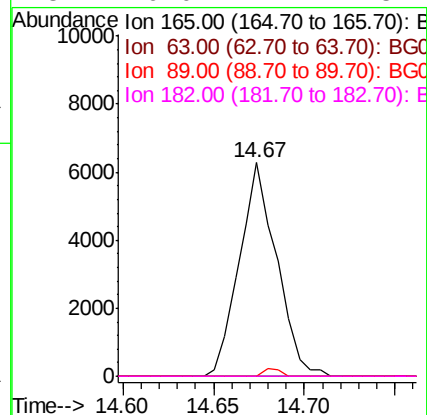
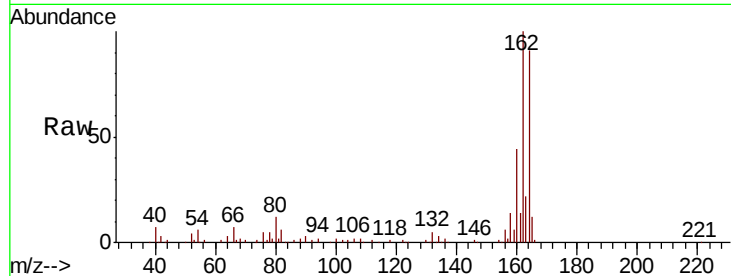




#57
 2,4-Dinitrotoluene
 Concen: 4.419 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041500.D
 Acq: 27 Jun 2019 22:45

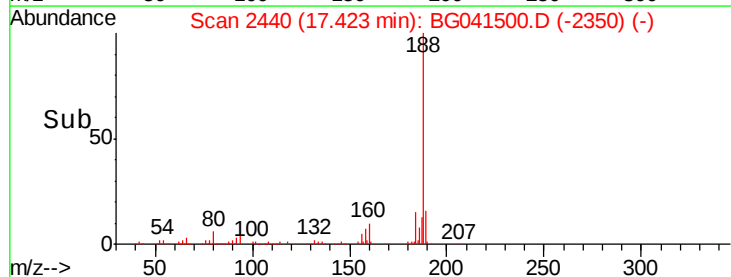
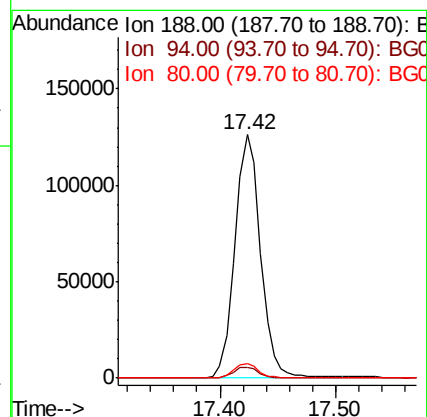
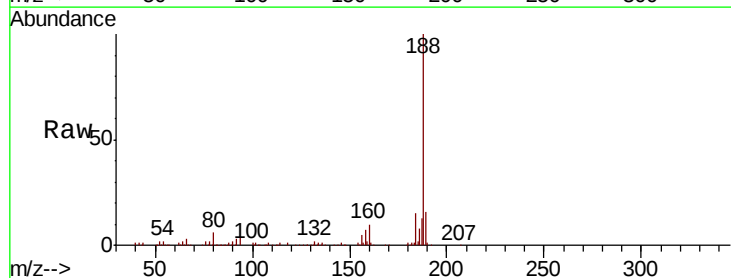
Instrument :
 BNA_G
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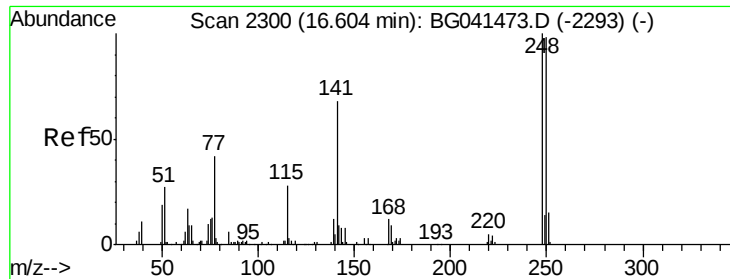
Tgt Ion:	165	Resp:	8958
Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041500.D
 Acq: 27 Jun 2019 22:45

Tgt Ion:	188	Resp:	194538
Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.8	5.8
80	6.2	4.8	7.2

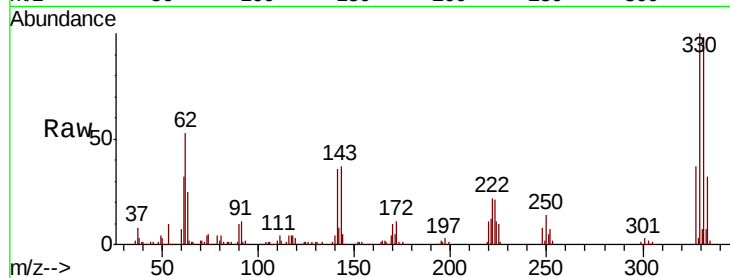




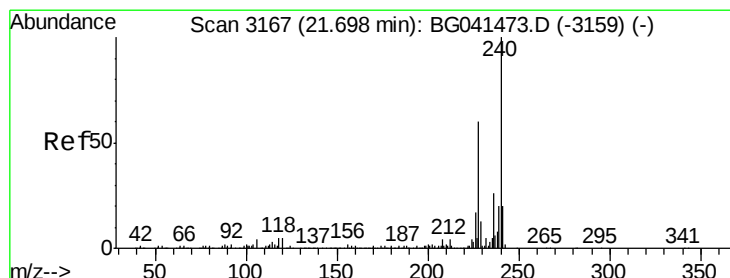
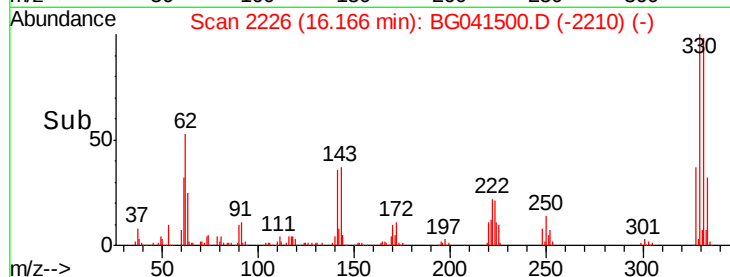
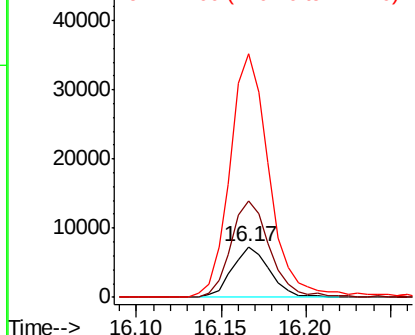
#67
 4-Bromophenyl-phenylether
 Concen: 4.220 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG041500.D
 Acq: 27 Jun 2019 22:45

Instrument :
 BNA_G
 ClientSampleId :
 M-7

Tgt Ion:248 Resp: 11219
 Ion Ratio Lower Upper
 248 100
 250 189.2 78.1 117.1#
 141 479.7 54.1 81.1#

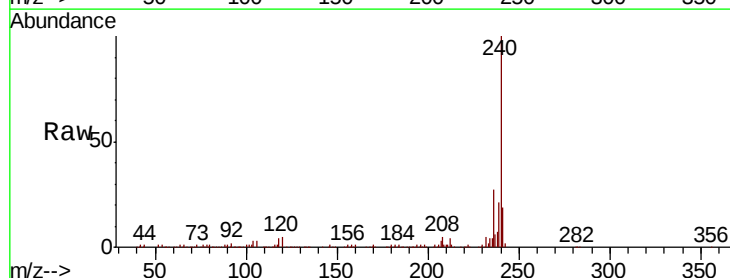


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

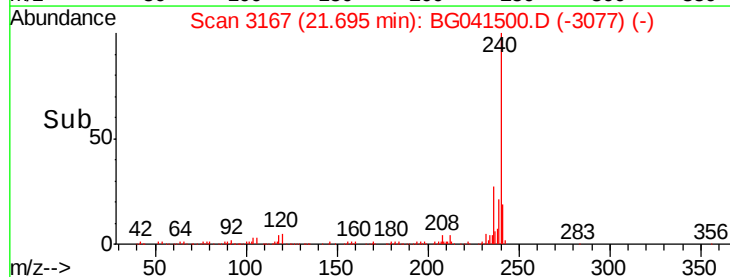
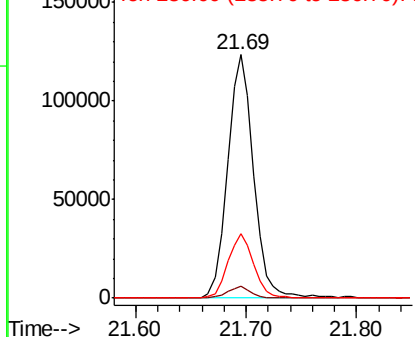


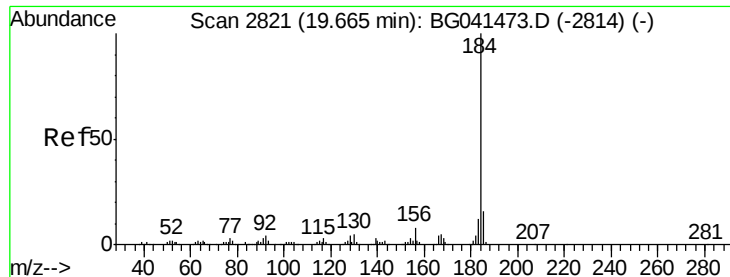
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041500.D
 Acq: 27 Jun 2019 22:45

Tgt Ion:240 Resp: 203094
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.7 5.5
 236 26.6 20.8 31.2



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





#77

Benzidine

Concen: 3.293 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG041500.D

Acq: 27 Jun 2019 22:45

Instrument :

BNA_G

ClientSampleId :

M-7

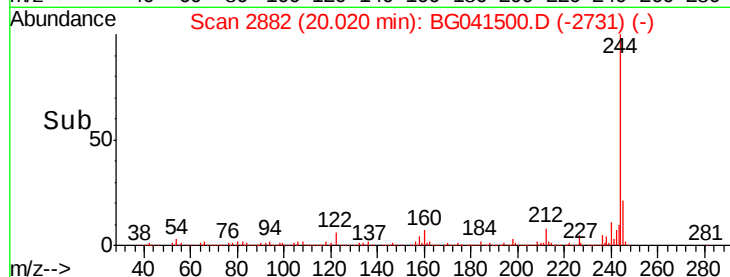
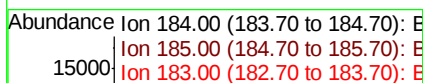
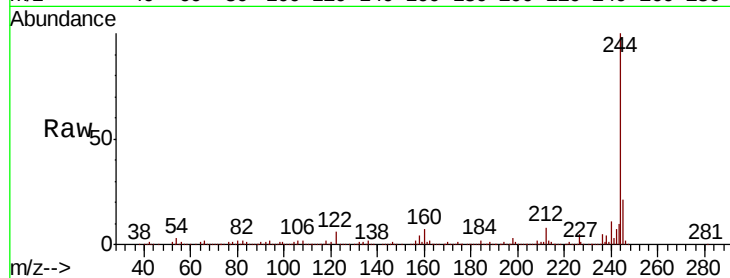
Tgt Ion:184 Resp: 14841

Ion Ratio Lower Upper

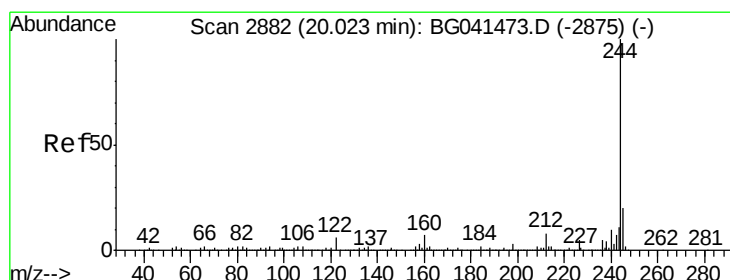
184 100

185 16.7 12.7 19.1

183 11.7 9.4 14.2



Time--> 19.95 20.00 20.05



#79

Terphenyl-d14

Concen: 93.696 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041500.D

Acq: 27 Jun 2019 22:45

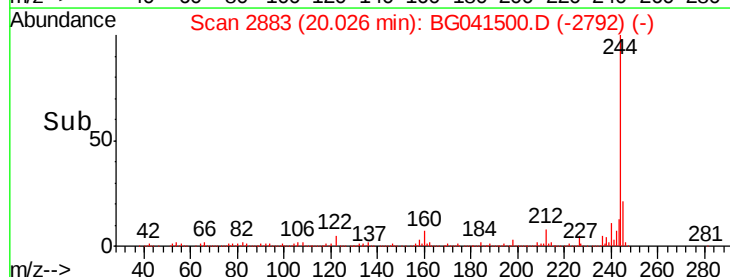
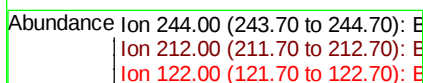
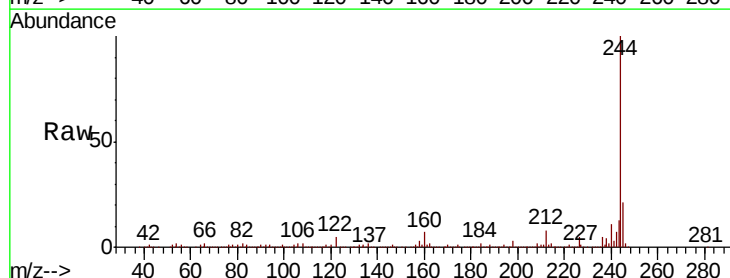
Tgt Ion:244 Resp: 895450

Ion Ratio Lower Upper

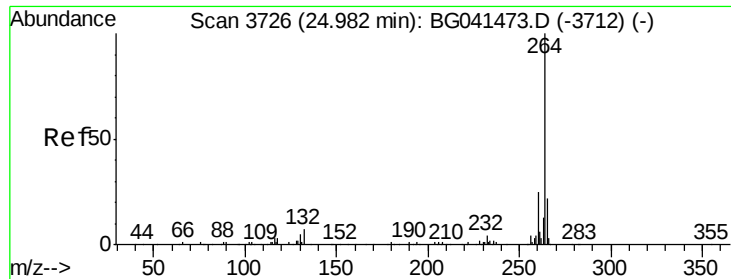
244 100

212 8.0 6.2 9.4

122 5.4 4.8 7.2



Time--> 19.90 20.00 20.10 20.20



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041500.D
Acq: 27 Jun 2019 22:45

Instrument :
BNA_G
ClientSampleId :
M-7

Tgt Ion: 264 Resp: 215108

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	20.6	17.4	26.2

