

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041292.D
 Acq On : 18 Jun 2019 4:33
 Operator : HP/JU
 Sample : K3154-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 07:48:02 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

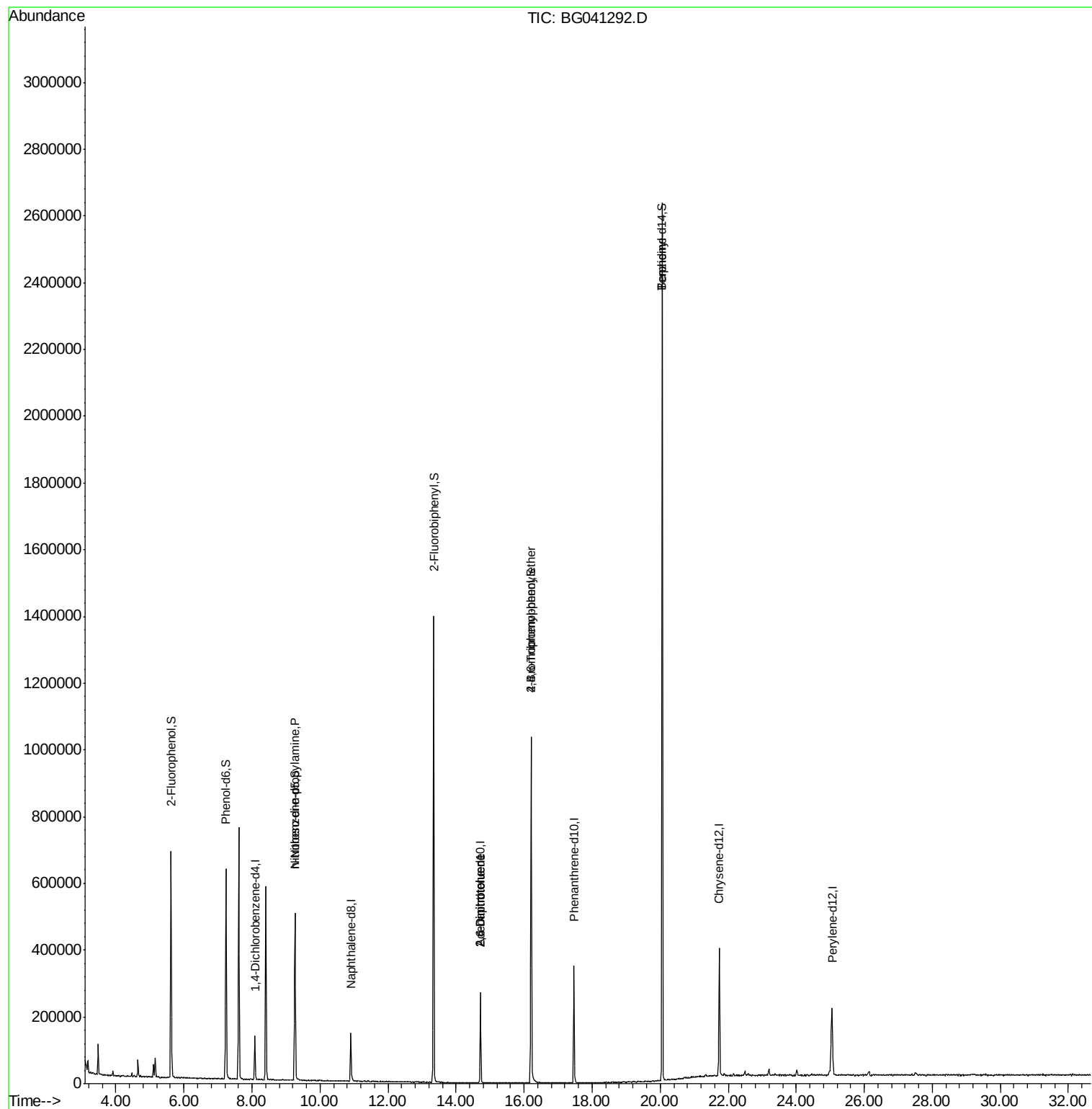
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34230	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	126728	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	93024	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	231752	20.00	ng	0.00
76) Chrysene-d12	21.74	240	240126	20.00	ng	0.00
87) Perylene-d12	25.05	264	252990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	246983	132.58	ng	0.00
7) Phenol-d6	7.24	99	304315	112.69	ng	0.00
23) Nitrobenzene-d5	9.26	82	297326	98.67	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	206355	144.49	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	682372	99.70	ng	0.00
79) Terphenyl-d14	20.06	244	1257721	103.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	44375	20.318	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	11713	6.711	ng	# 17
57) 2,4-Dinitrotoluene	14.72	165	11713	4.591	ng	# 20
67) 4-Bromophenyl-phenylether	16.21	248	13922	4.646	ng	# 1
77) Benzidine	20.06	184	21888	3.769	ng	# 95

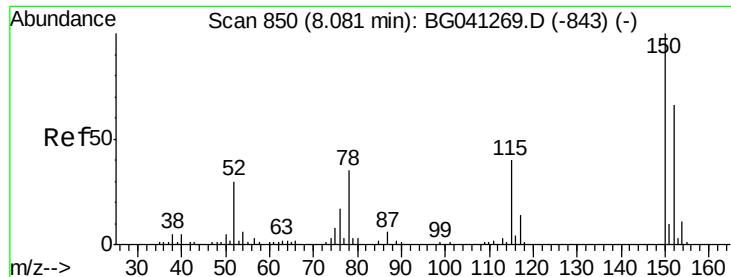
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041292.D
Acq On : 18 Jun 2019 4:33
Operator : HP/JU
Sample : K3154-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 18 07:48:02 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



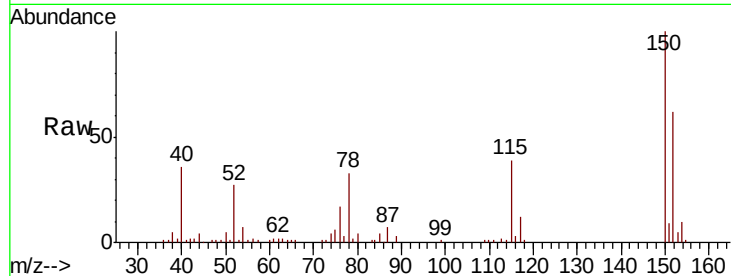


#1

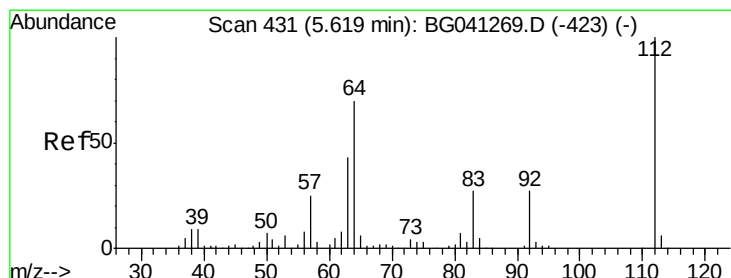
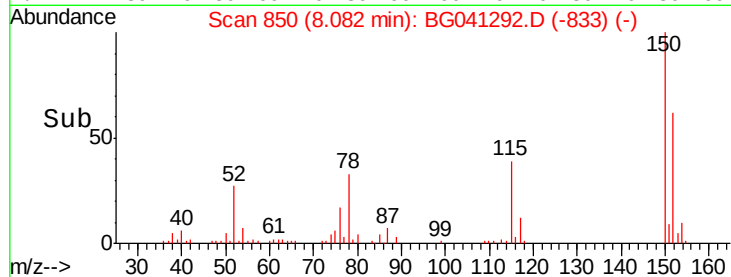
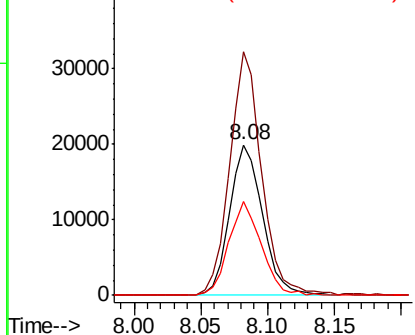
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34230
Ion Ratio Lower Upper
152 100
150 161.8 120.6 181.0
115 62.7 47.9 71.9



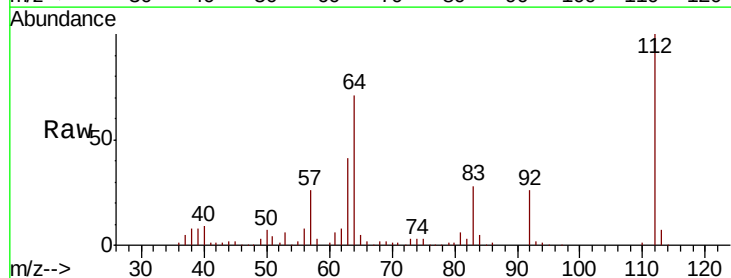
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



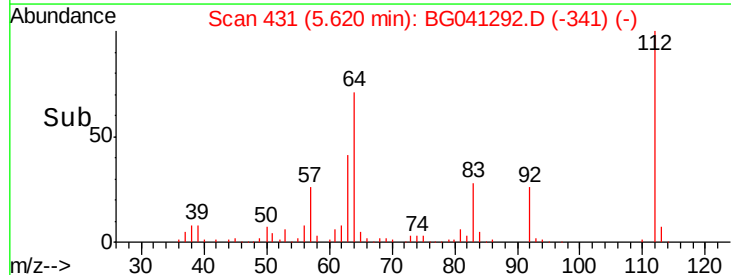
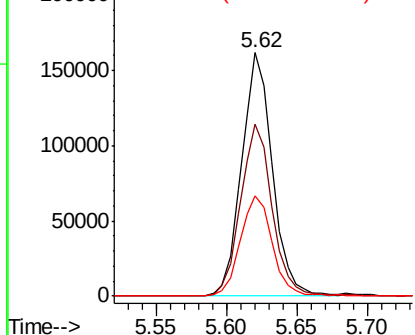
#5

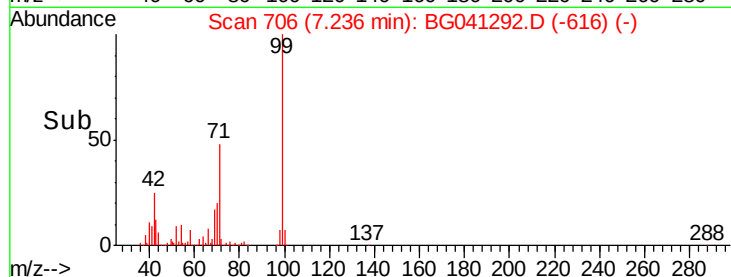
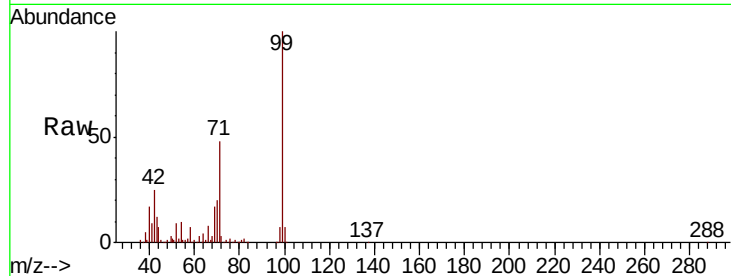
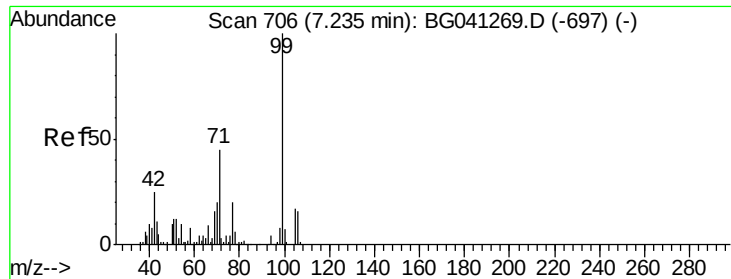
2-Fluorophenol
Concen: 132.577 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Tgt Ion:112 Resp: 246983
Ion Ratio Lower Upper
112 100
64 70.5 55.9 83.9
63 41.4 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: 112.694 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

Instrument :

BNA_G

ClientSampled :

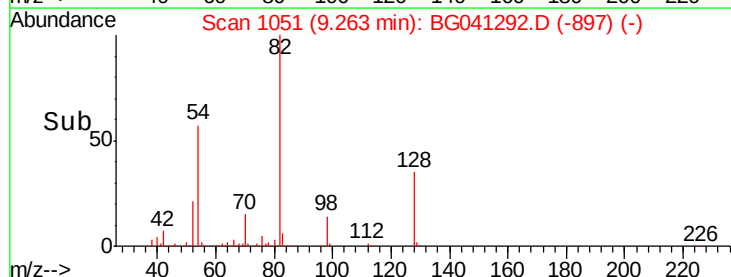
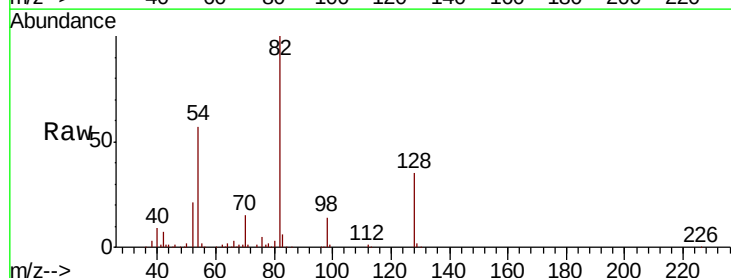
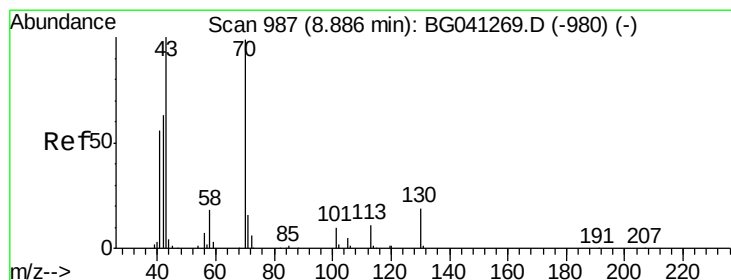
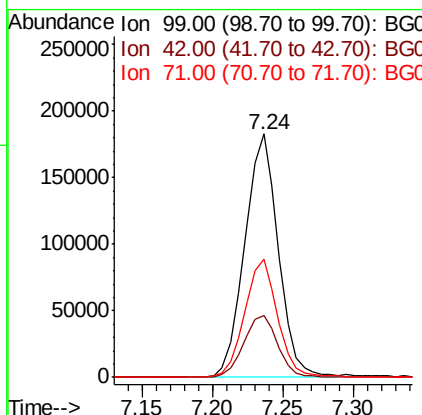
Tot Ion: 99 Resp: 304315

Ion Ratio Lower Upper

99 100

42 25.3 19.9 29.9

71 48.4 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.318 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

Tgt Ion: 70 Resp: 44375

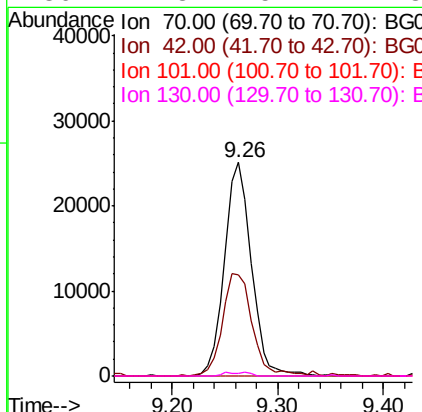
Ion Ratio Lower Upper

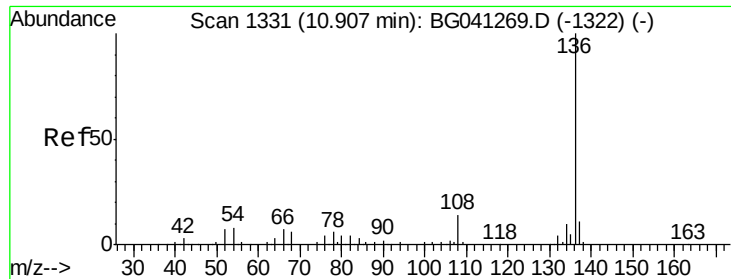
70 100

42 47.2 51.4 77.2#

101 0.0 8.2 12.2#

130 1.3 15.2 22.8#

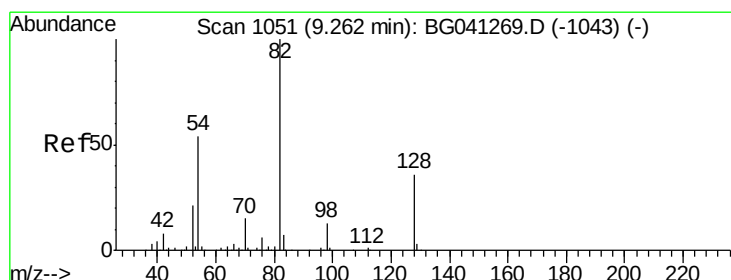
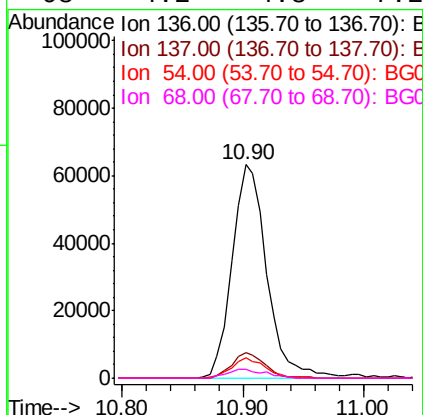
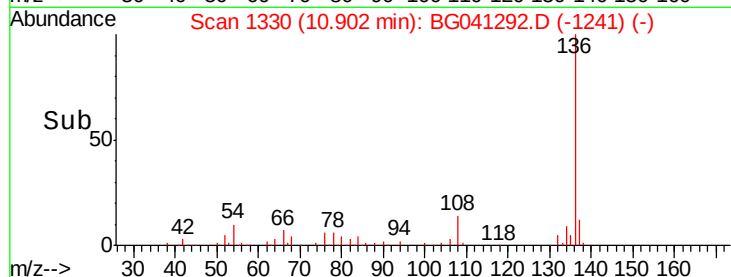
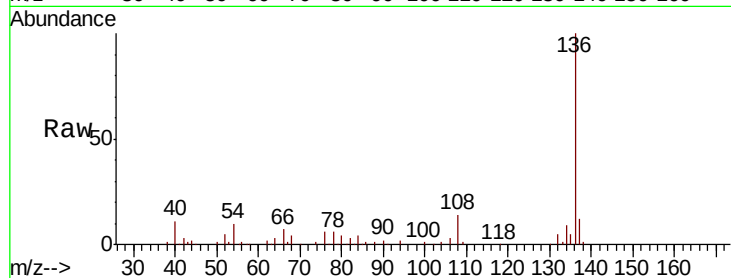




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

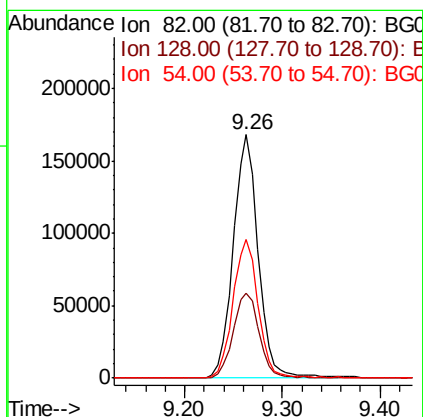
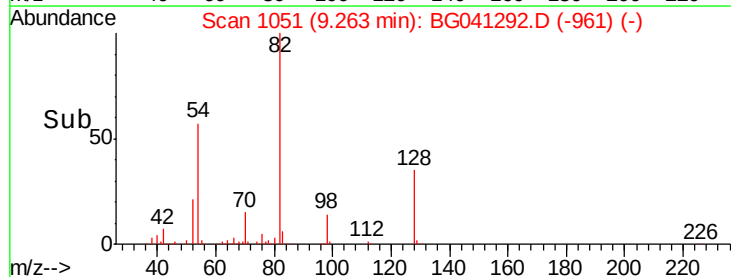
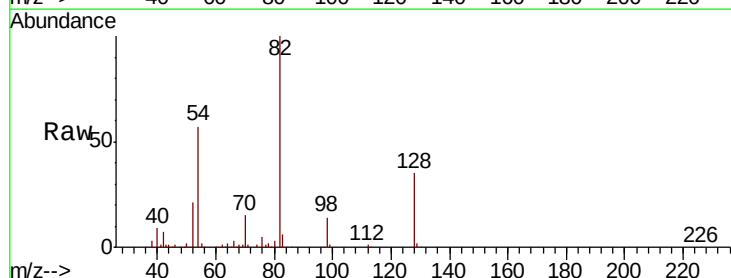
Instrument :
BNA_G
ClientSampleId :

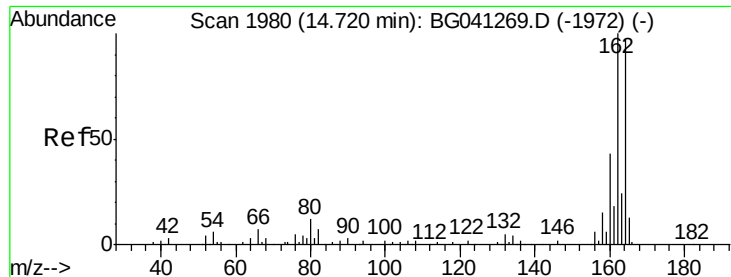
Tot Ion:136	Resp:	126728
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.8 13.2
54	9.5	6.4 9.6
68	4.2	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 98.671 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Tgt Ion: 82	Resp:	297326
Ion Ratio	Lower	Upper
82	100	
128	34.9	29.2 43.8
54	56.9	43.4 65.0

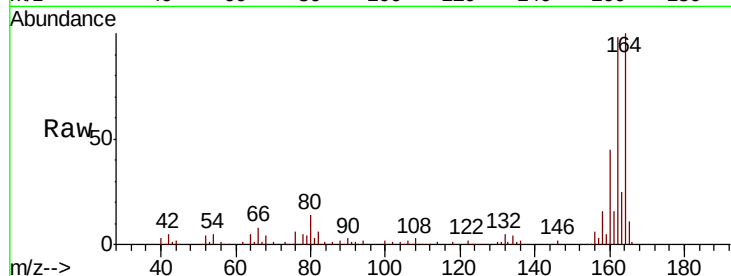




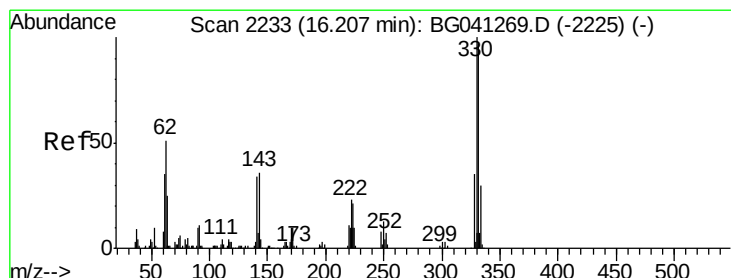
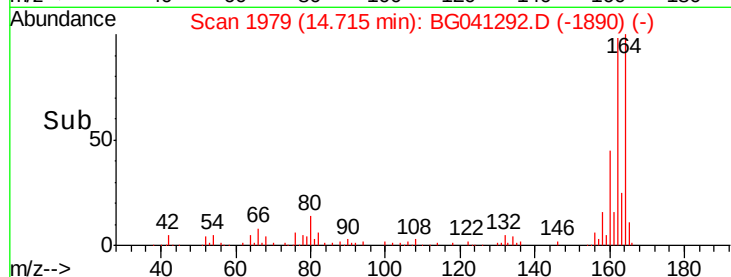
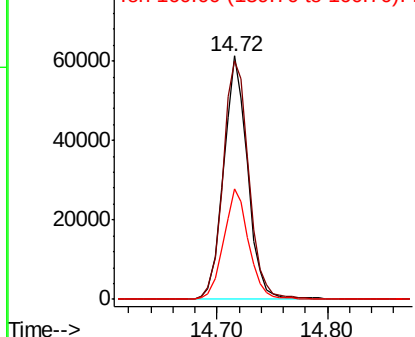
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 93024
Ion Ratio Lower Upper
164 100
162 98.2 82.8 124.2
160 45.2 35.8 53.8

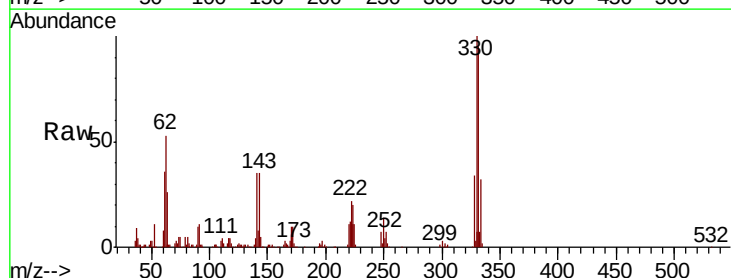


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

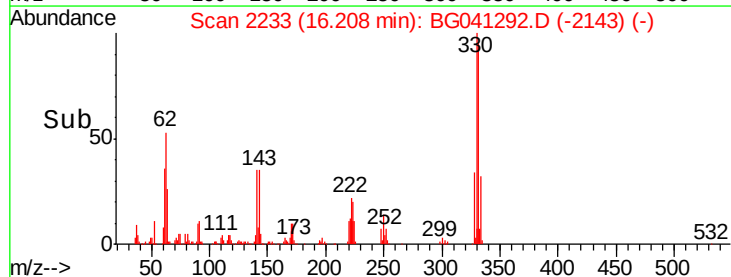
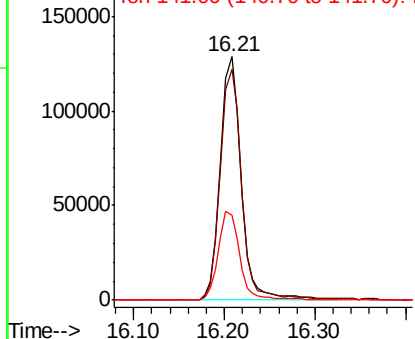


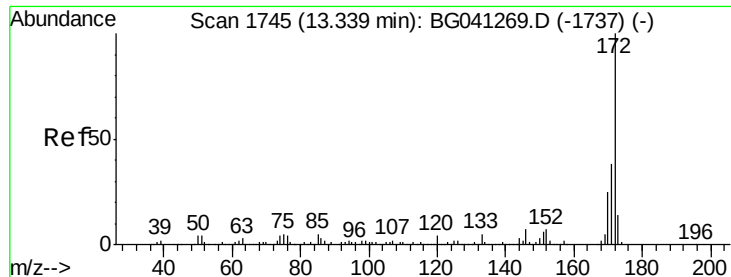
#42
2,4,6-Tribromophenol
Concen: 144.494 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Tgt Ion:330 Resp: 206355
Ion Ratio Lower Upper
330 100
332 97.9 75.5 113.3
141 37.2 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

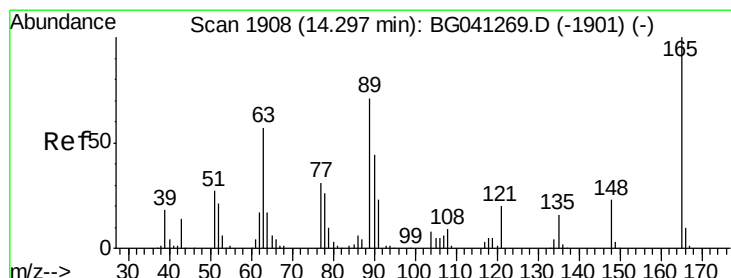
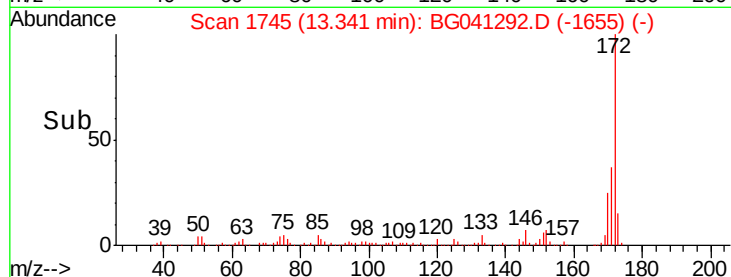
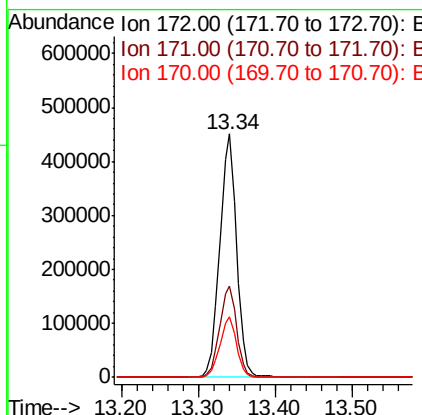
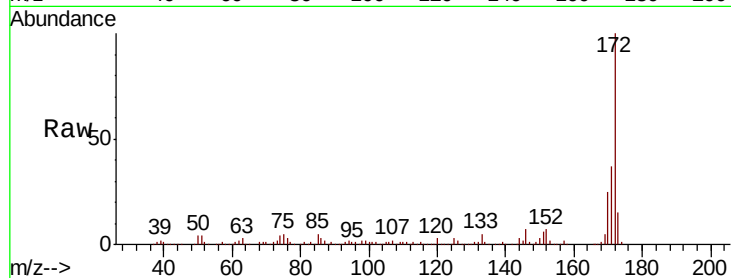




#45
 2-Fluorobiphenyl
 Concen: 99.700 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041292.D
 Acq: 18 Jun 2019 4:33

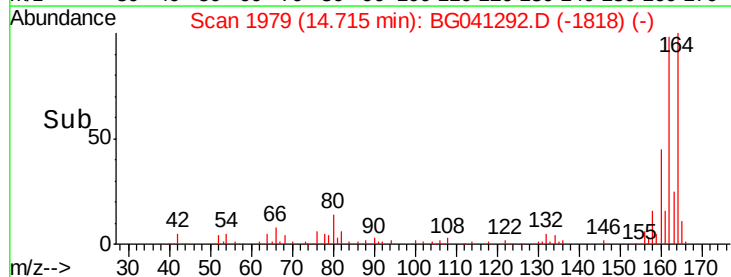
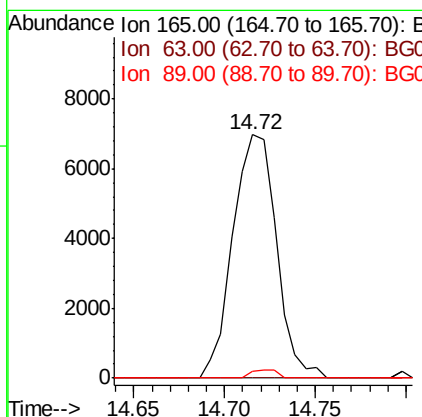
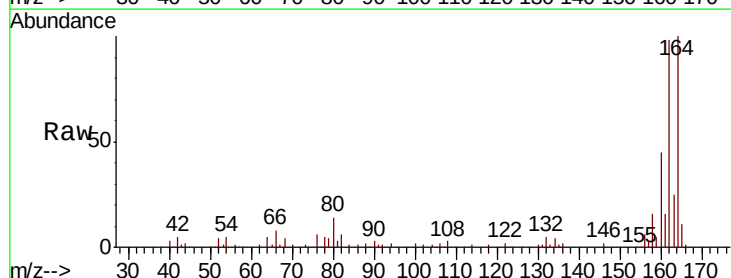
Instrument :
 BNA_G
 ClientSampleId :

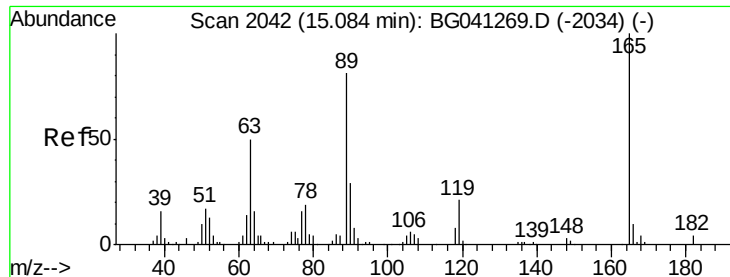
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.6	19.8	29.6



#51
 2,6-Dinitrotoluene
 Concen: 6.711 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.42 min
 Lab File: BG041292.D
 Acq: 18 Jun 2019 4:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	2.9	56.5	84.7#

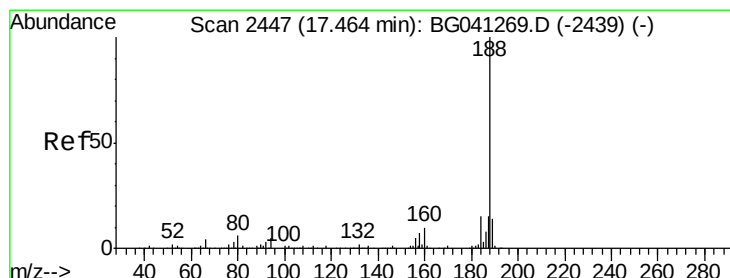
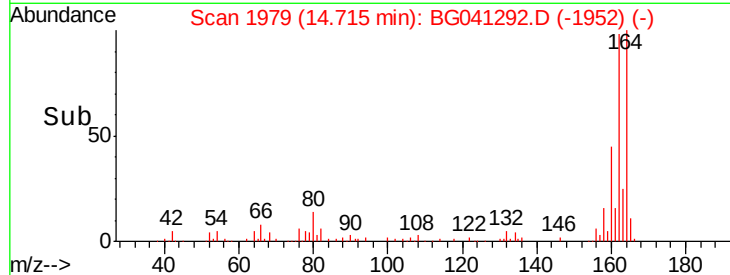
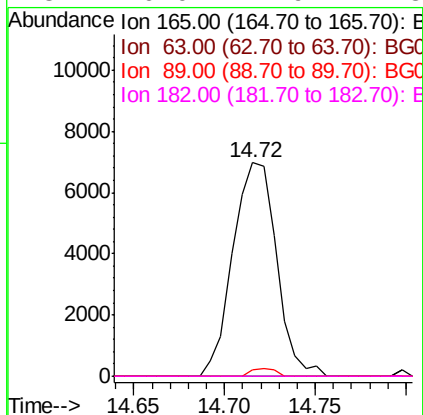
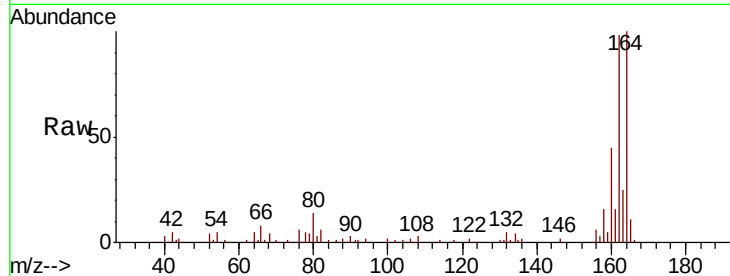




#57
 2,4-Dinitrotoluene
 Concen: 4.591 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041292.D
 Acq: 18 Jun 2019 4:33

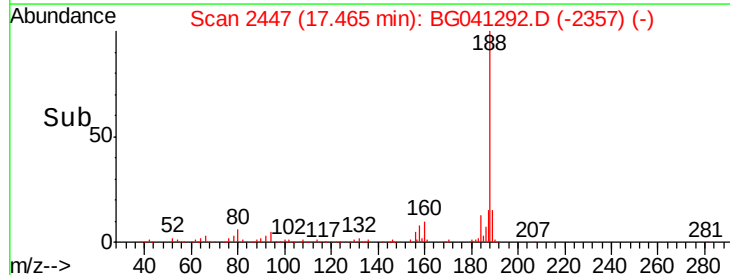
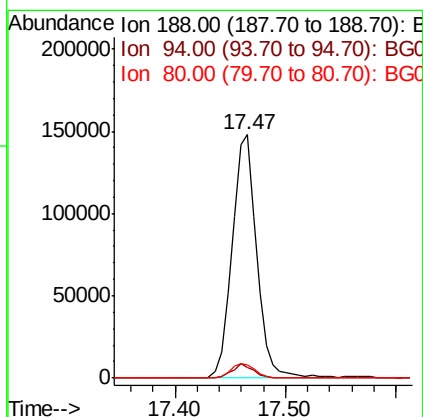
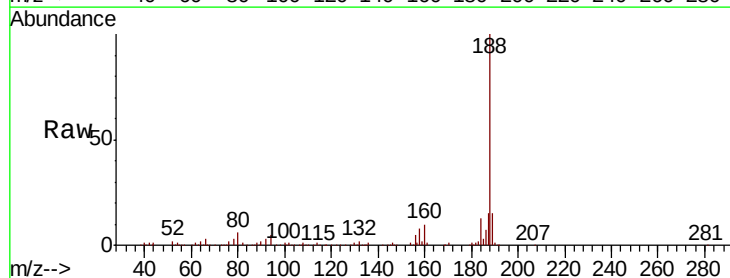
Instrument :
 BNA_G
 ClientSampled :

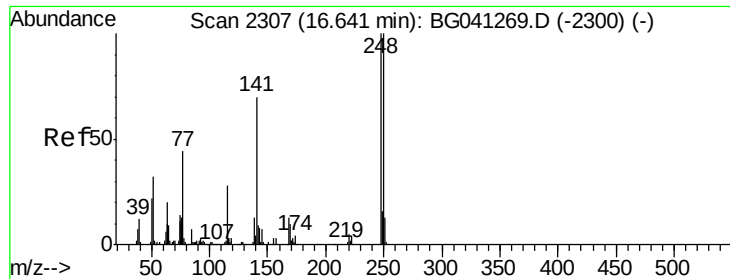
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.9	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG041292.D
 Acq: 18 Jun 2019 4:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.6	5.4
80	5.7	4.8	7.2

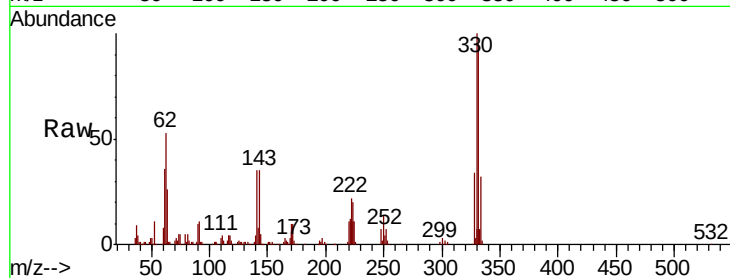




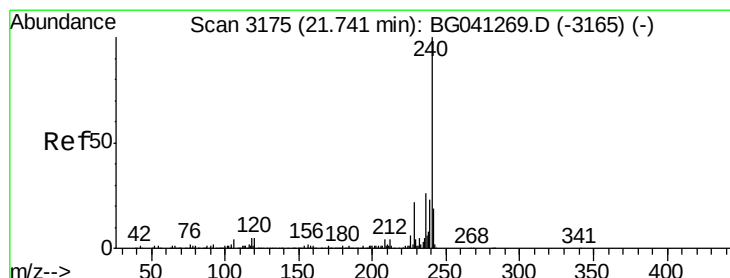
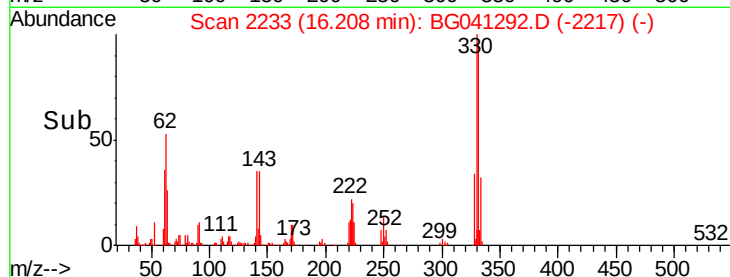
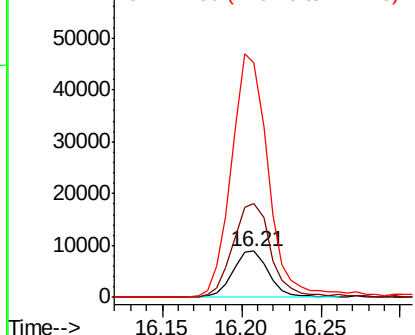
#67
 4-Bromophenyl-phenylether
 Concen: 4.646 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.43 min
 Lab File: BG041292.D
 Acq: 18 Jun 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13922
 Ion Ratio Lower Upper
 248 100
 250 203.4 79.8 119.8#
 141 509.7 55.8 83.6#

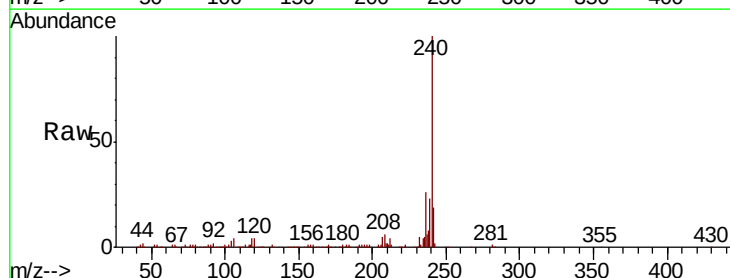


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

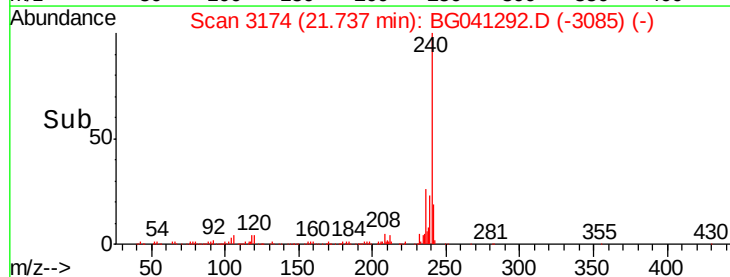
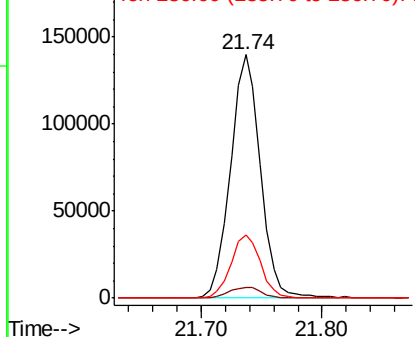


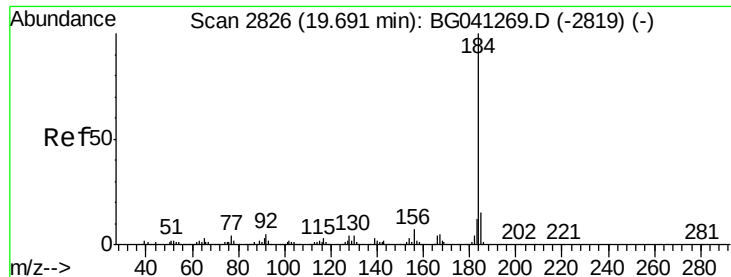
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG041292.D
 Acq: 18 Jun 2019 4:33

Tgt Ion:240 Resp: 240126
 Ion Ratio Lower Upper
 240 100
 120 4.3 3.7 5.5
 236 26.0 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





#77

Benzidine

Concen: 3.769 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.37 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

Instrument :

BNA_G

ClientSampleId :

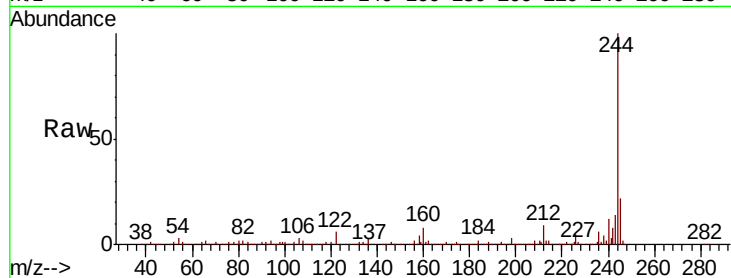
Tot Ion:184 Resp: 21888

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

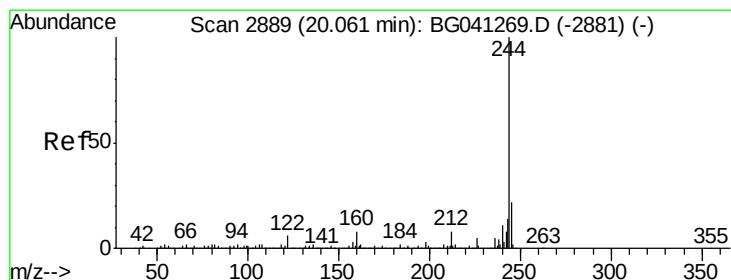
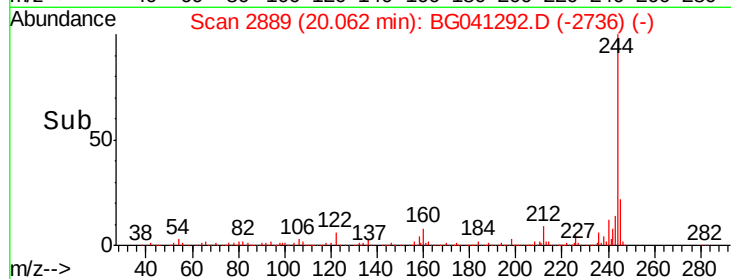
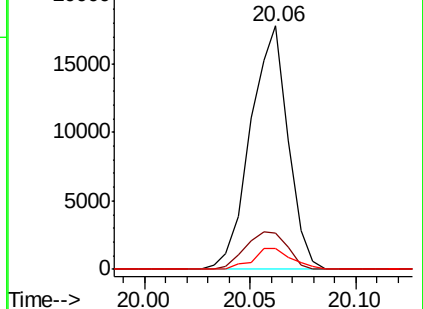
183 8.4 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 103.802 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

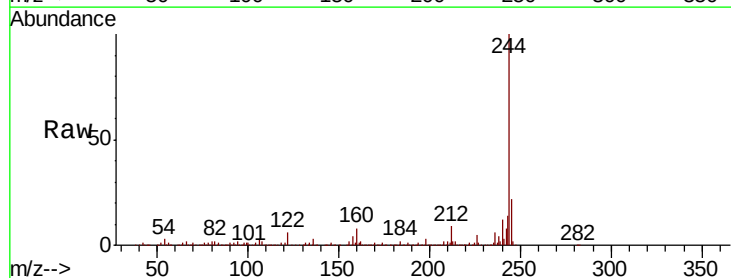
Tgt Ion:244 Resp: 1257721

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

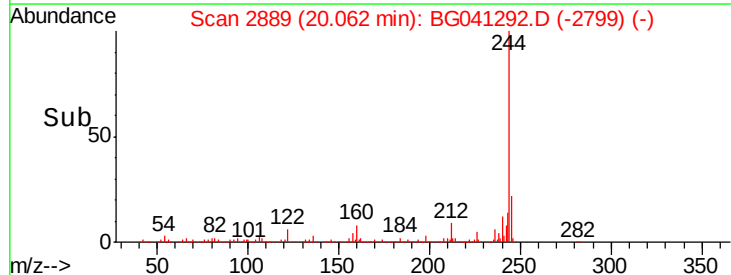
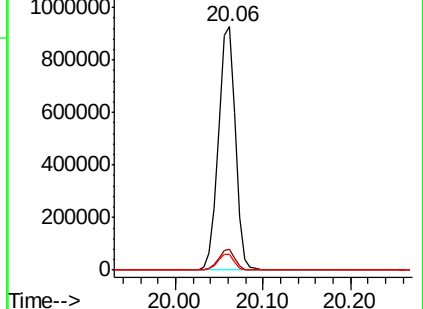
122 6.4 5.0 7.4

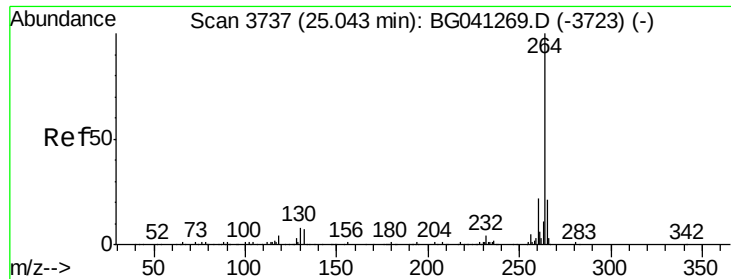


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.2
265	20.2	17.2	25.8

