

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041349.D
 Acq On : 20 Jun 2019 6:15
 Operator : HP/JU
 Sample : K3368-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 07:22:36 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

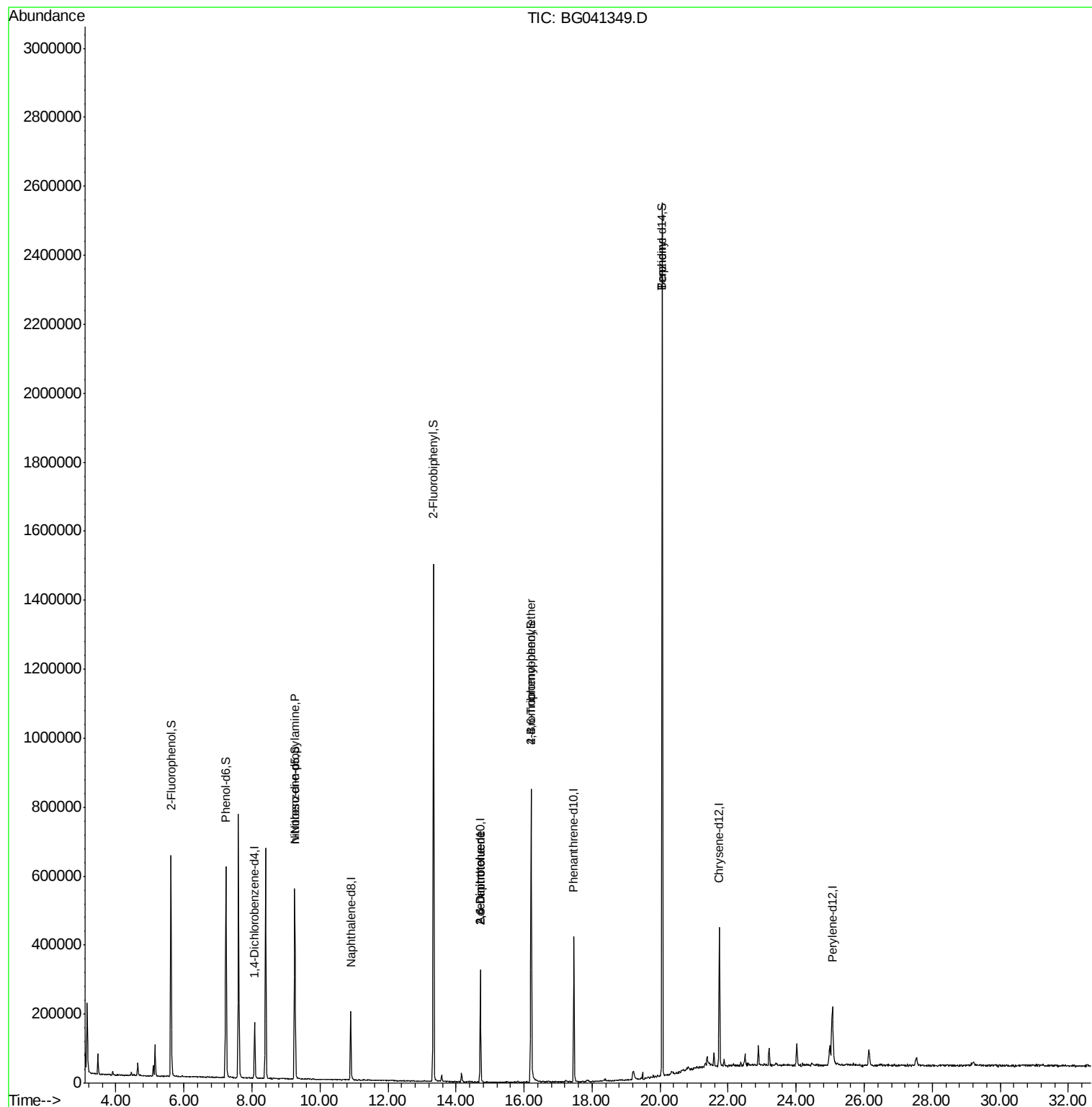
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44024	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	167074	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112533	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	263999	20.00	ng	0.00
76) Chrysene-d12	21.74	240	254855	20.00	ng	0.00
87) Perylene-d12	25.06	264	243181	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	251544	104.99	ng	0.00
7) Phenol-d6	7.23	99	325344	93.68	ng	0.00
23) Nitrobenzene-d5	9.26	82	330686	83.24	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	182288	105.51	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	747806	90.32	ng	0.00
79) Terphenyl-d14	20.06	244	1170838	91.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	47177	16.795	ng	# 82
51) 2,6-Dinitrotoluene	14.72	165	14282	6.765	ng	# 16
57) 2,4-Dinitrotoluene	14.72	165	14282	4.628	ng	# 19
67) 4-Bromophenyl-phenylether	16.21	248	12826	3.757	ng	# 1
77) Benzidine	20.06	184	19966	3.239	ng	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041349.D
Acq On : 20 Jun 2019 6:15
Operator : HP/JU
Sample : K3368-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 20 07:22:36 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



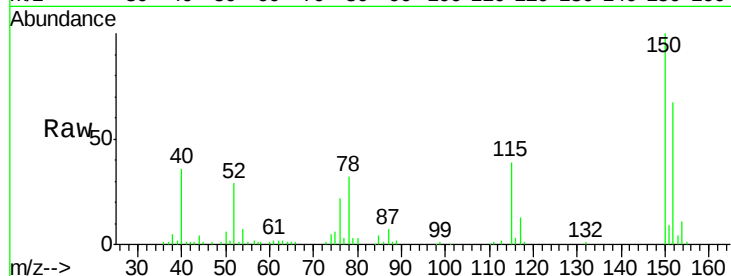


#1

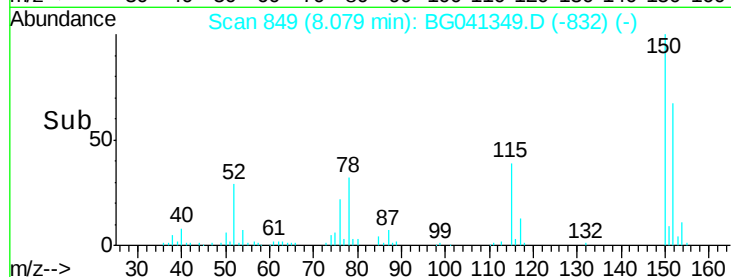
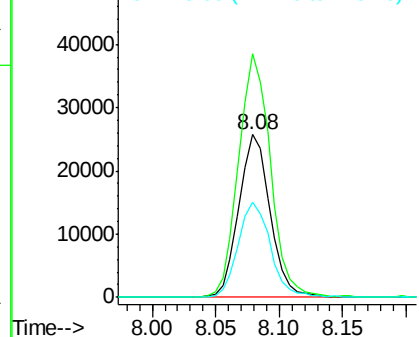
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44024
Ion Ratio Lower Upper
152 100
150 149.6 120.6 181.0
115 58.4 47.9 71.9



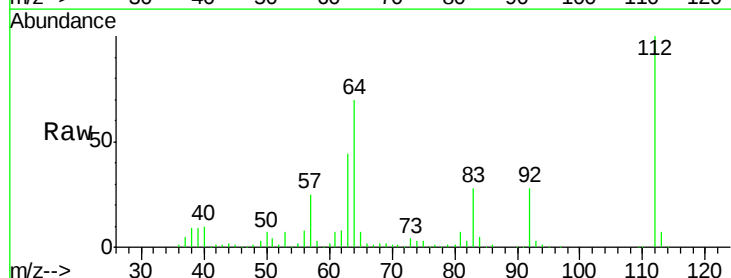
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



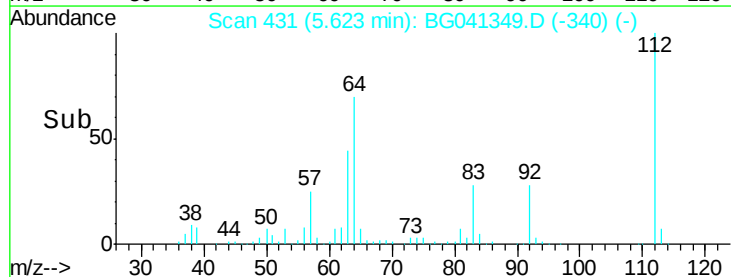
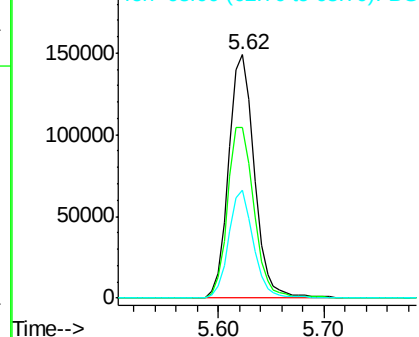
#5

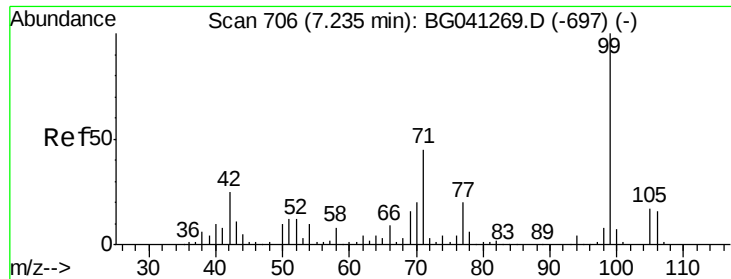
2-Fluorophenol
Concen: 104.986 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

Tgt Ion:112 Resp: 251544
Ion Ratio Lower Upper
112 100
64 70.0 55.9 83.9
63 44.1 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.678 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Instrument :

BNA_G

ClientSampled :

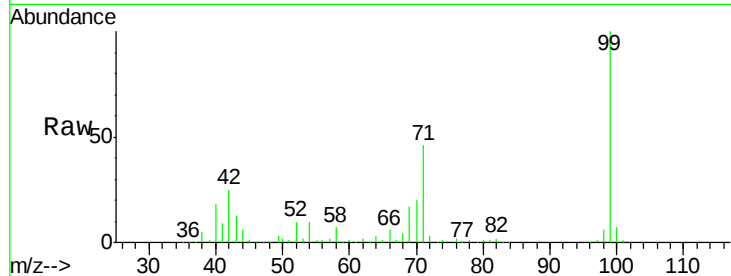
Tot Ion: 99 Resp: 325344

Ion Ratio Lower Upper

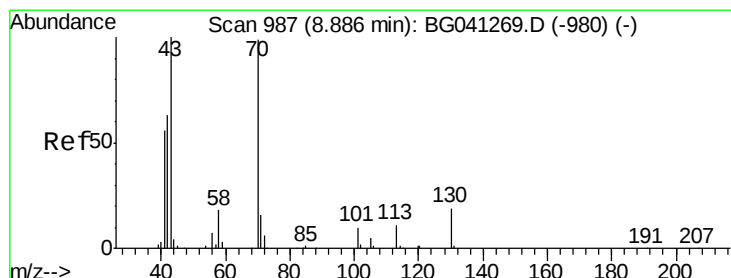
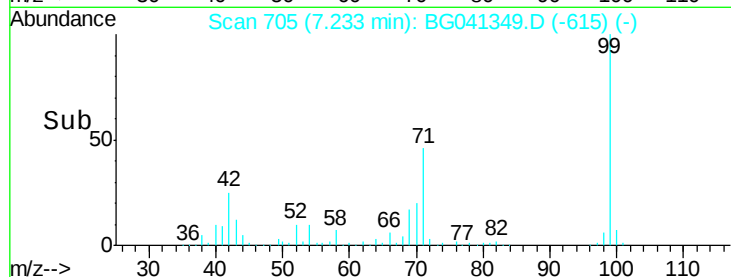
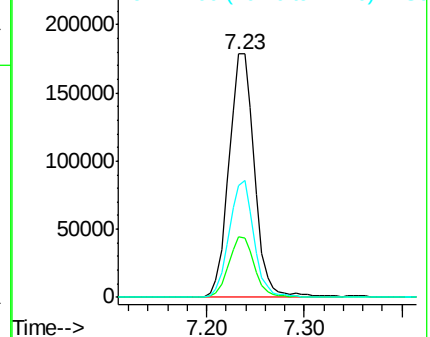
99 100

42 24.6 19.9 29.9

71 45.8 36.4 54.6



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: 16.795 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Tgt Ion: 70 Resp: 47177

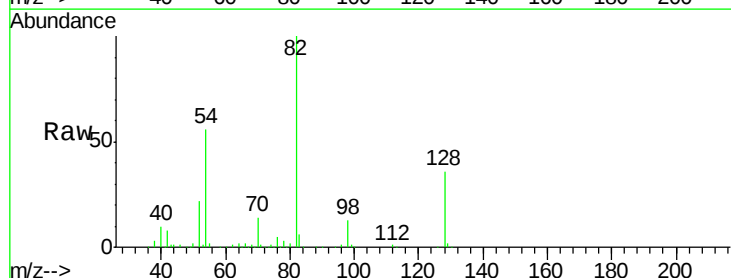
Ion Ratio Lower Upper

70 100

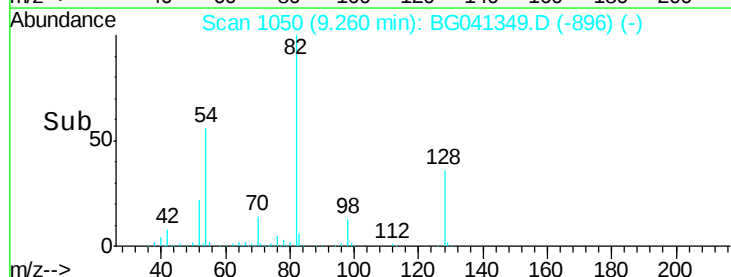
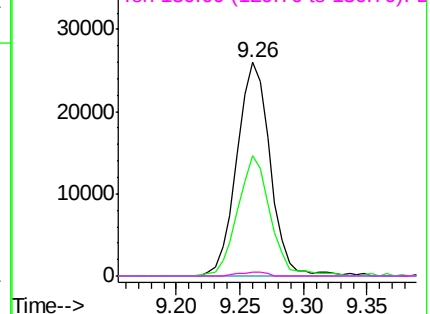
42 56.6 51.4 77.2

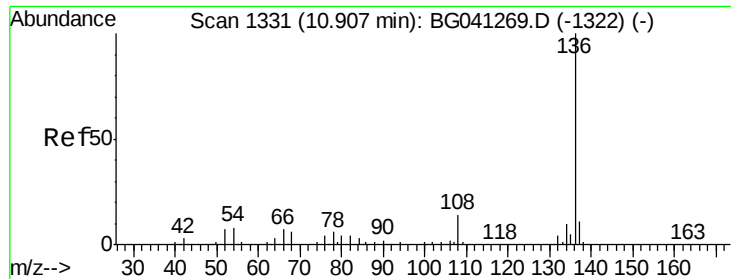
101 0.0 8.2 12.2#

130 1.8 15.2 22.8#



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

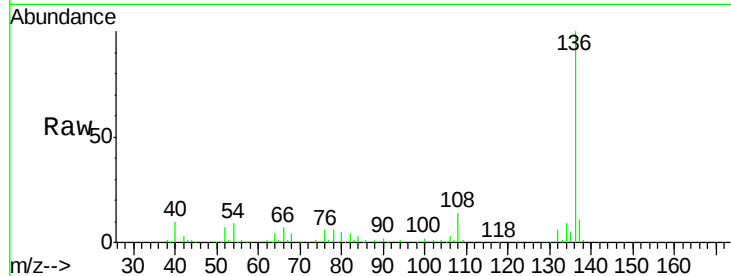




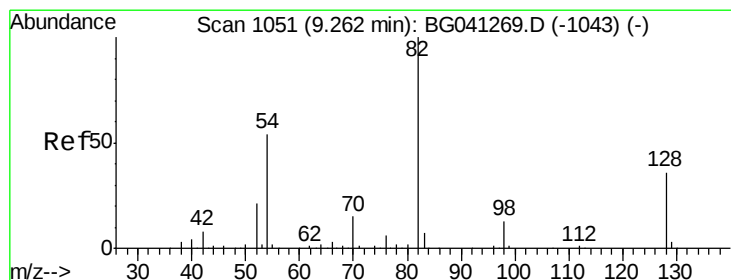
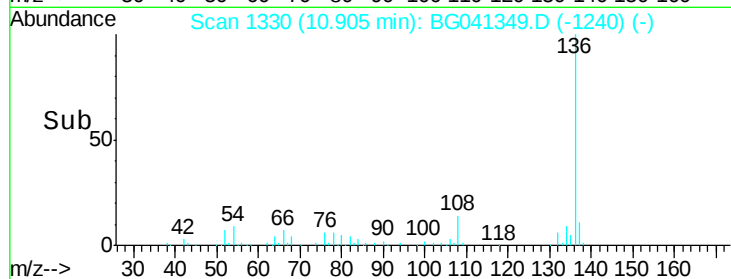
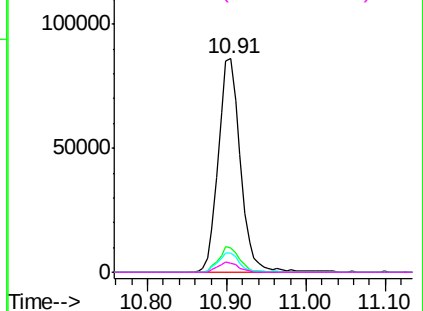
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	167074
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.8	6.4 9.6
68	4.5	4.8 7.2#

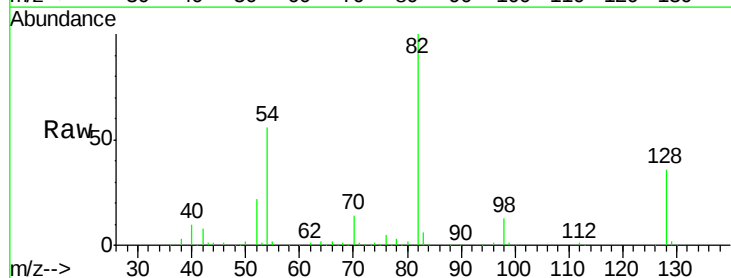


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

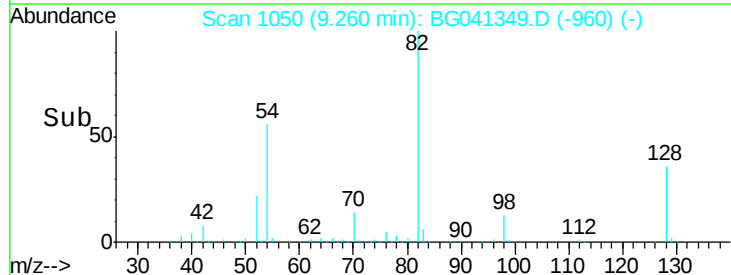
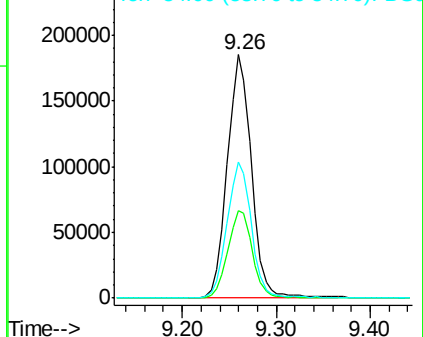


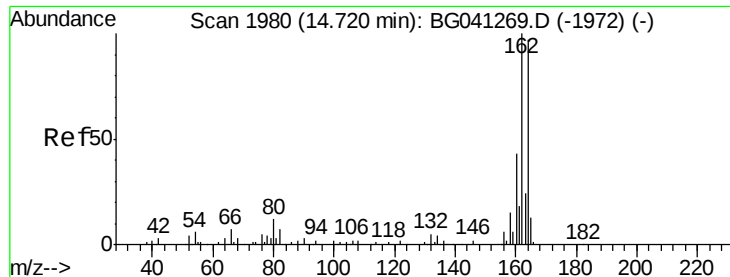
#23
Nitrobenzene-d5
Concen: 83.241 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

Tgt Ion: 82	Resp:	330686
Ion Ratio	Lower	Upper
82	100	
128	36.2	29.2 43.8
54	55.8	43.4 65.0



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: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Instrument :

BNA_G

ClientSampleId :

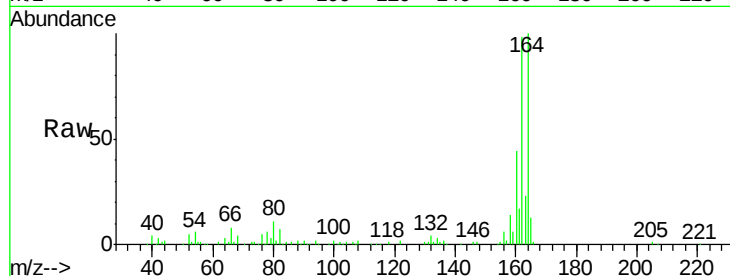
Tot Ion:164 Resp: 112533

Ion Ratio Lower Upper

164 100

162 98.3 82.8 124.2

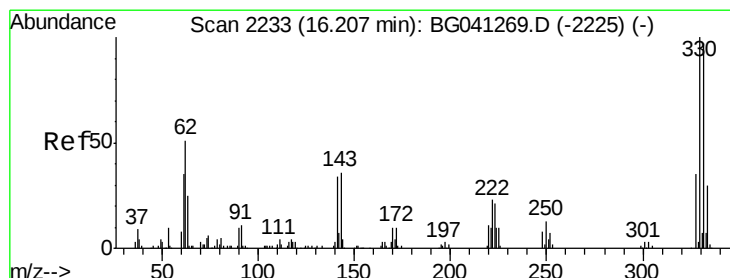
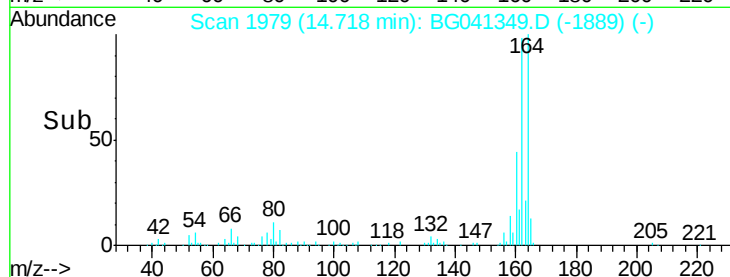
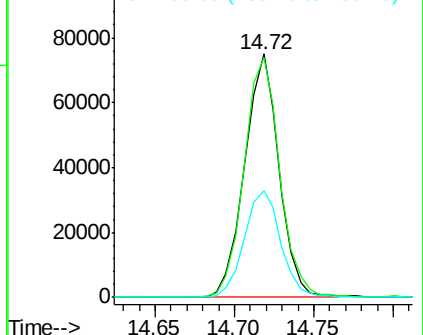
160 43.7 35.8 53.8



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: 105.513 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

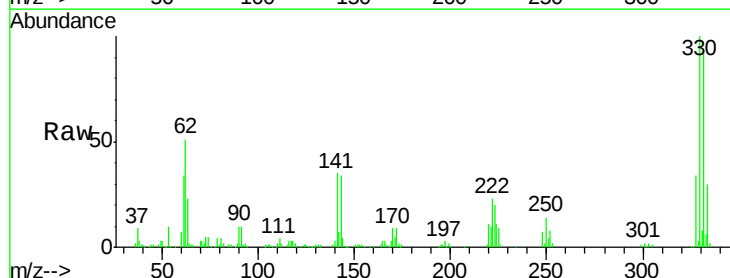
Tgt Ion:330 Resp: 182288

Ion Ratio Lower Upper

330 100

332 94.4 75.5 113.3

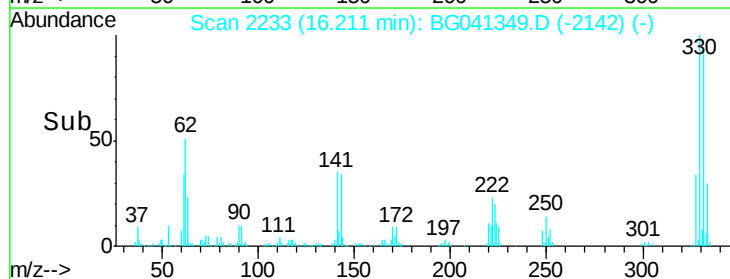
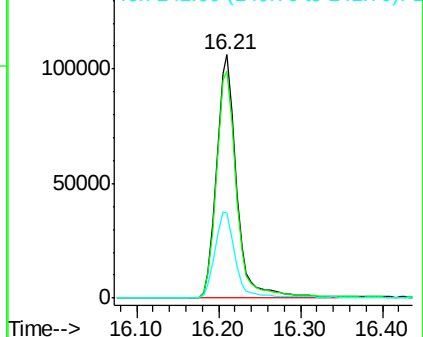
141 35.7 29.0 43.4

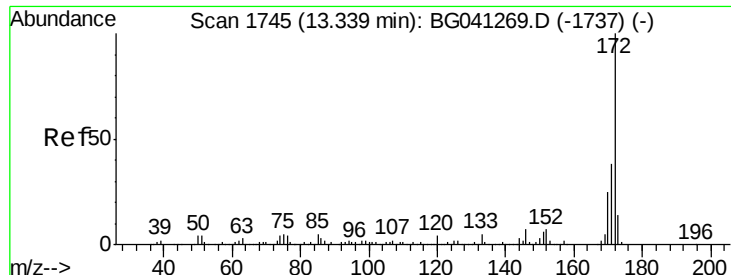


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

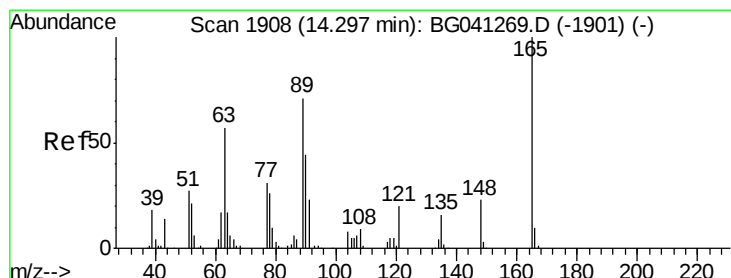
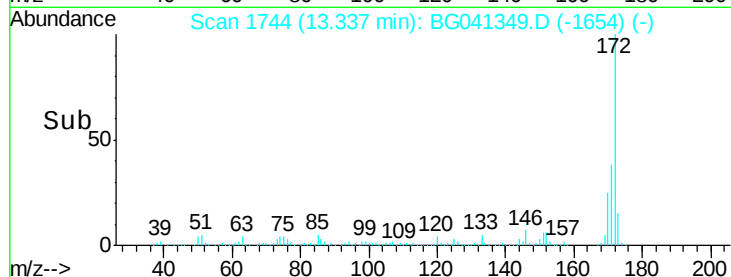
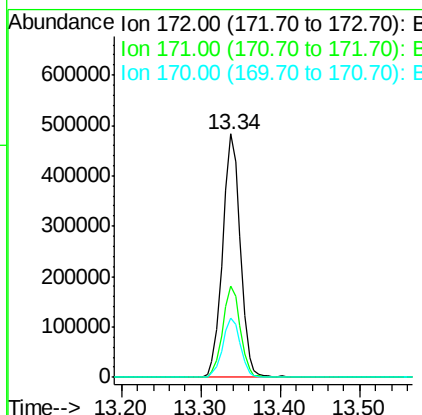
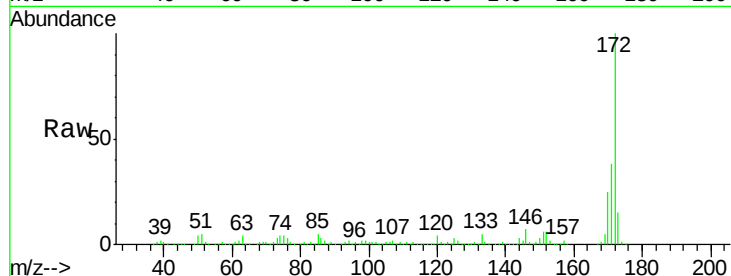




#45
 2-Fluorobiphenyl
 Concen: 90.319 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041349.D
 Acq: 20 Jun 2019 6:15

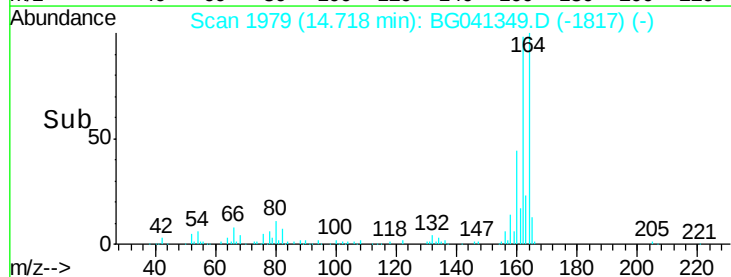
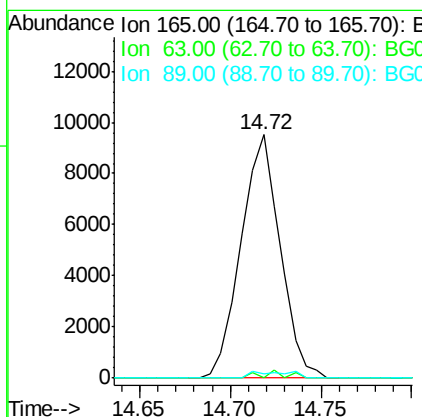
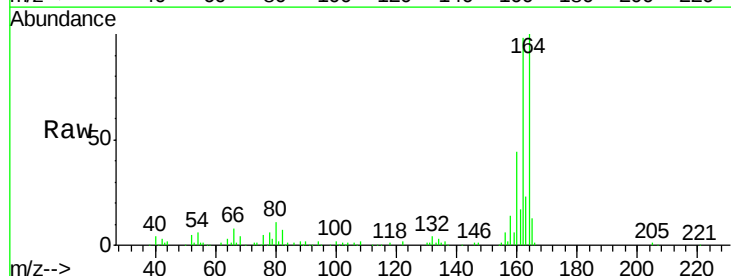
Instrument :
 BNA_G
 ClientSampleId :

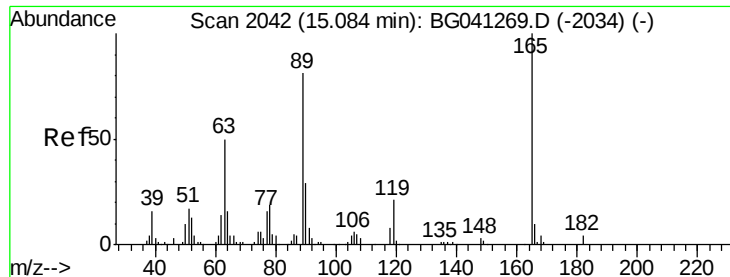
Tot Ion:172 Resp: 747806
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.6 19.8 29.6



#51
 2,6-Dinitrotoluene
 Concen: 6.765 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.42 min
 Lab File: BG041349.D
 Acq: 20 Jun 2019 6:15

Tgt Ion:165 Resp: 14282
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.0#
 89 1.8 56.5 84.7#

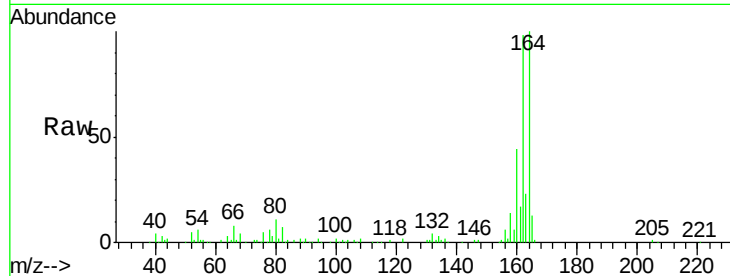




#57
 2,4-Dinitrotoluene
 Concen: 4.628 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041349.D
 Acq: 20 Jun 2019 6:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	14282
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.0 60.0#
89	1.8	64.6 96.8#
182	0.0	2.9 4.3#

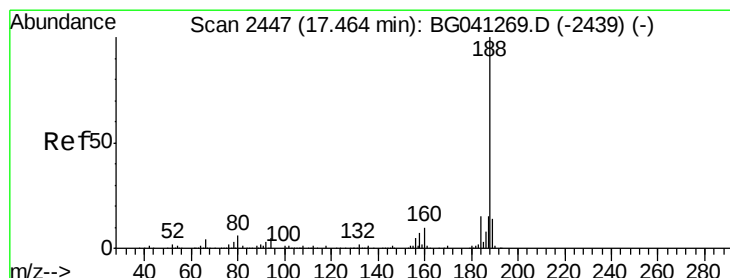
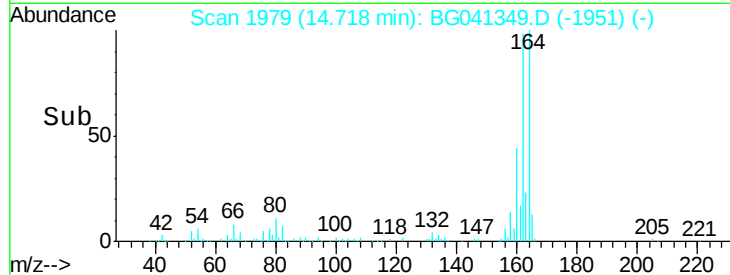
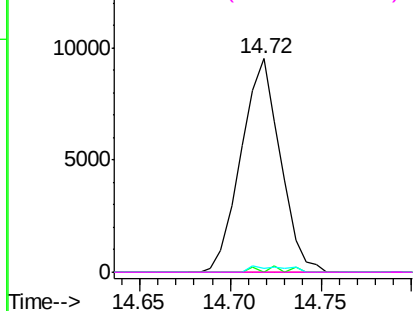


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

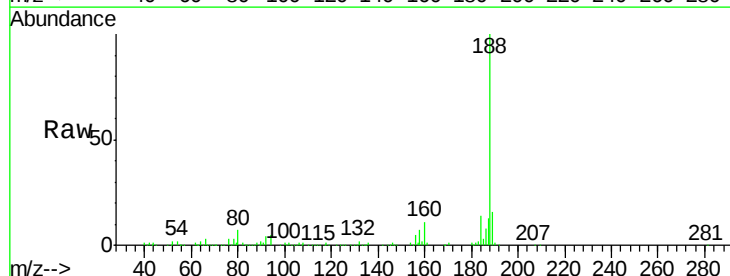
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG041349.D
 Acq: 20 Jun 2019 6:15

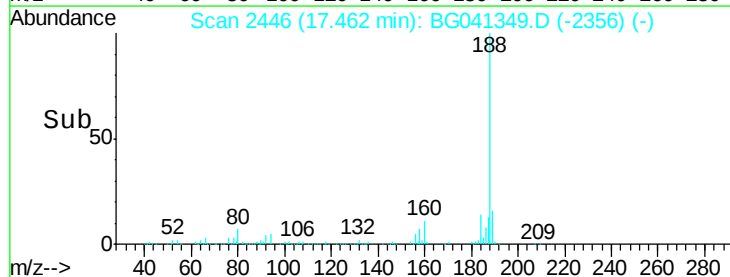
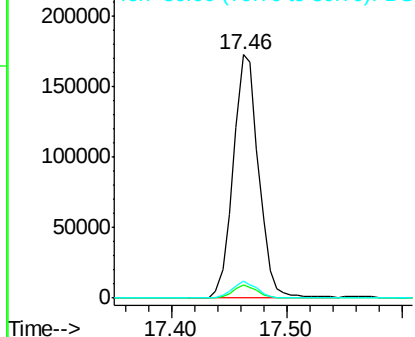
Tgt Ion:188	Resp:	263999
Ion Ratio	Lower	Upper
188	100	
94	5.4	3.6 5.4#
80	6.9	4.8 7.2

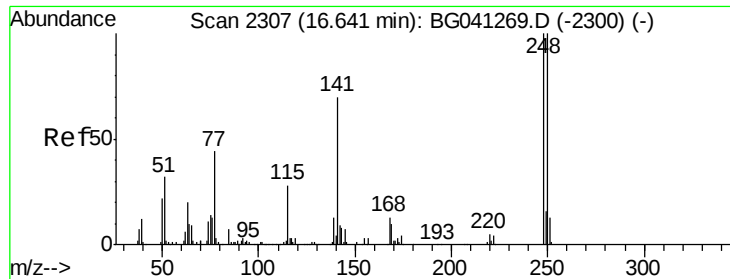


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

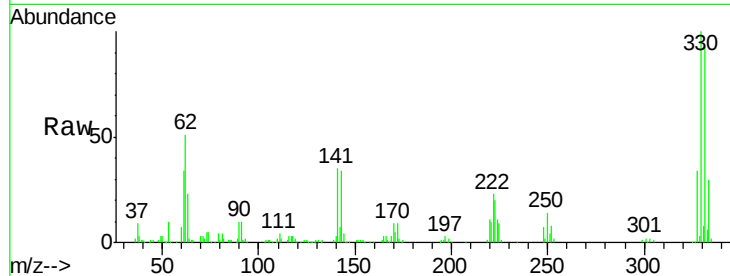




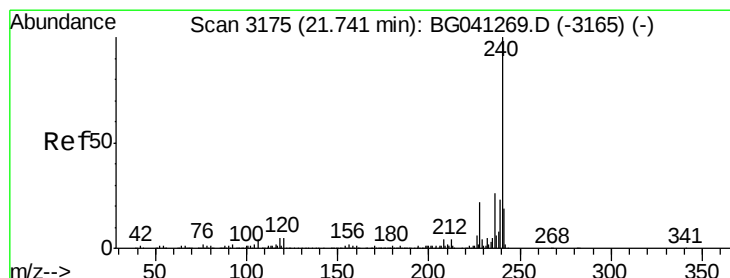
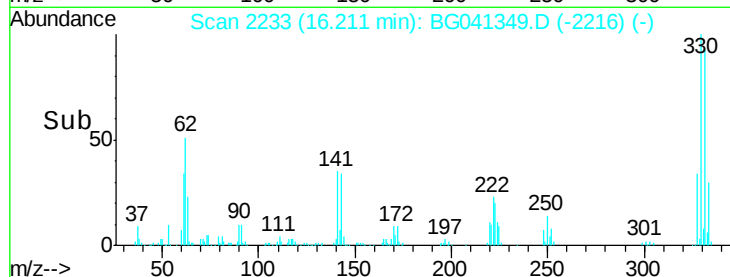
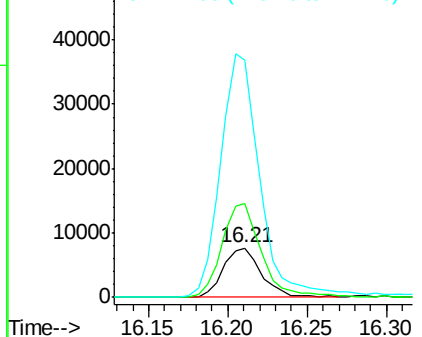
#67
 4-Bromophenyl-phenylether
 Concen: 3.757 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.43 min
 Lab File: BG041349.D
 Acq: 20 Jun 2019 6:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	192.4	79.8	119.8#
141	483.8	55.8	83.6#

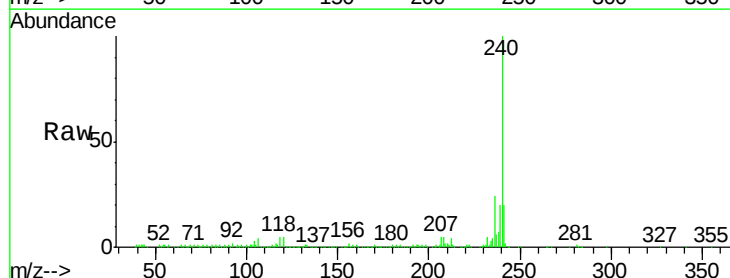


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

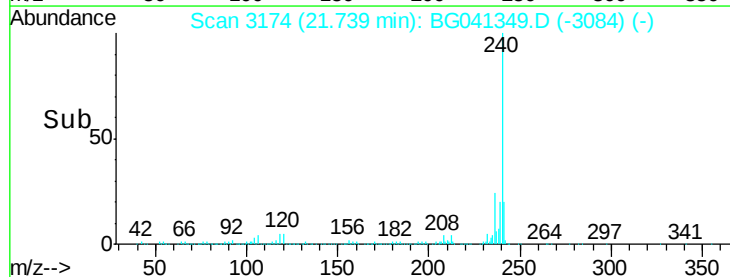
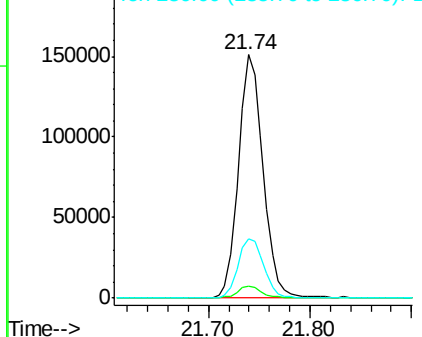


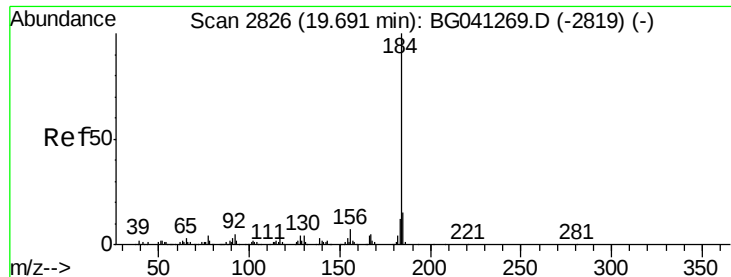
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG041349.D
 Acq: 20 Jun 2019 6:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	24.1	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: 3.239 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.37 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Instrument :

BNA_G

ClientSampleId :

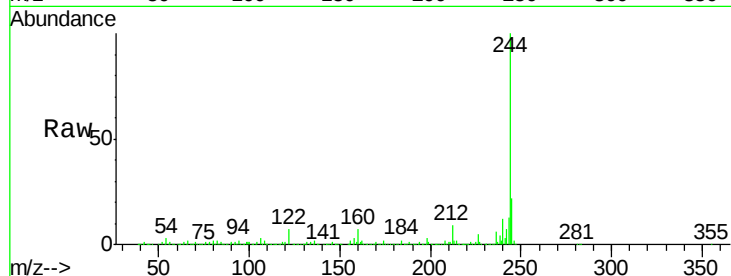
Tot Ion:184 Resp: 19966

Ion Ratio Lower Upper

184 100

185 17.5 12.2 18.2

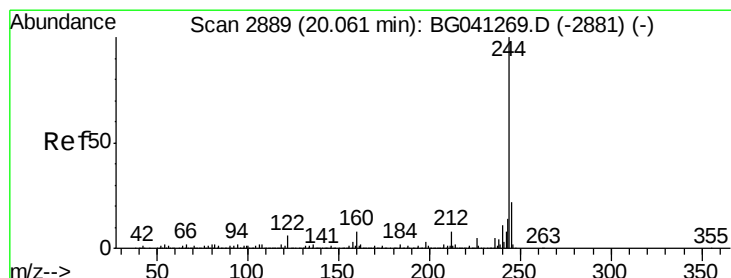
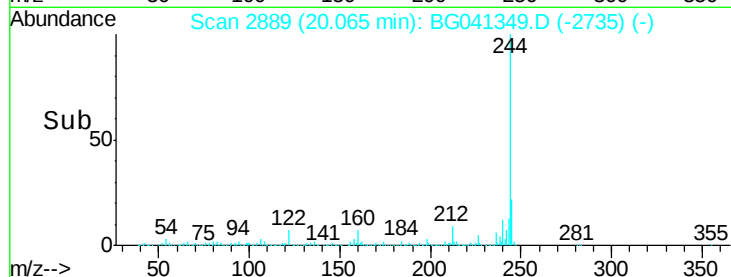
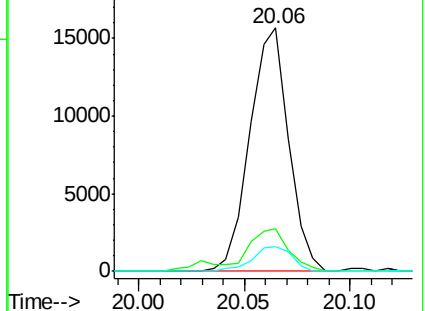
183 10.4 9.6 14.4



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: 91.046 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

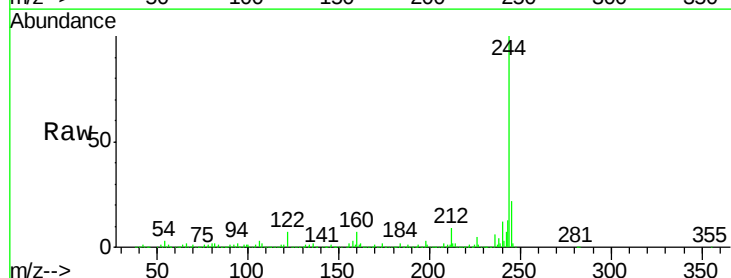
Tgt Ion:244 Resp: 1170838

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

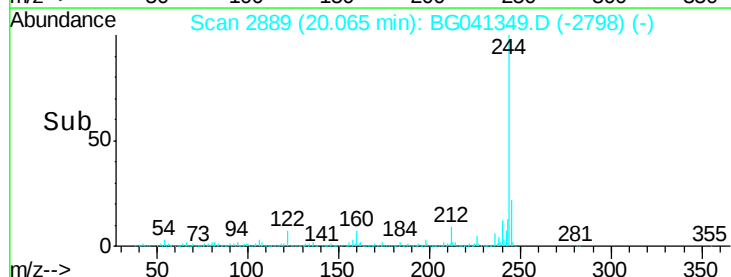
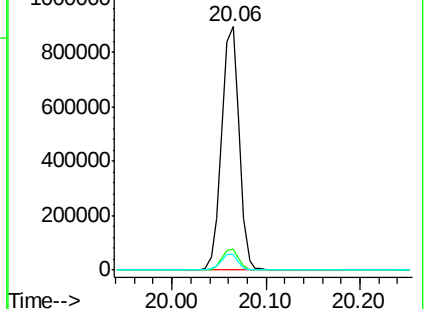
122 6.5 5.0 7.4

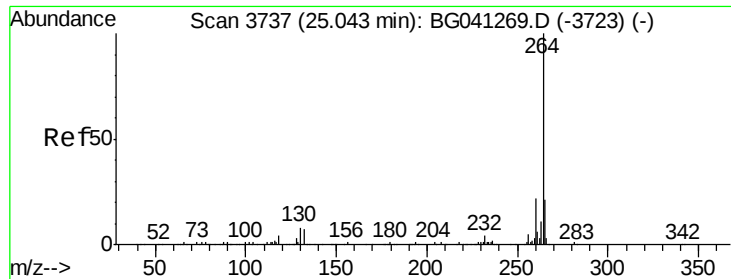


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

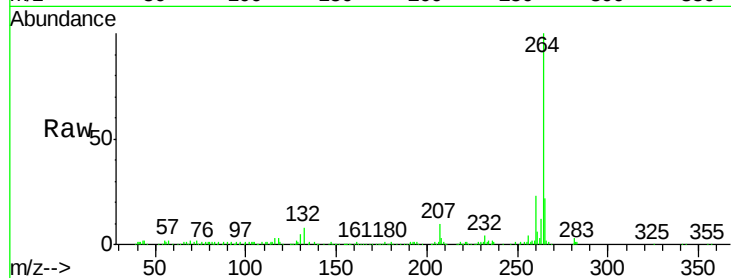




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3739
 Delta R.T. 0.02 min
 Lab File: BG041349.D
 Acq: 20 Jun 2019 6:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

