

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041281.D
 Acq On : 17 Jun 2019 21:35
 Operator : HP/JU
 Sample : PB120628TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 07:44:44 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

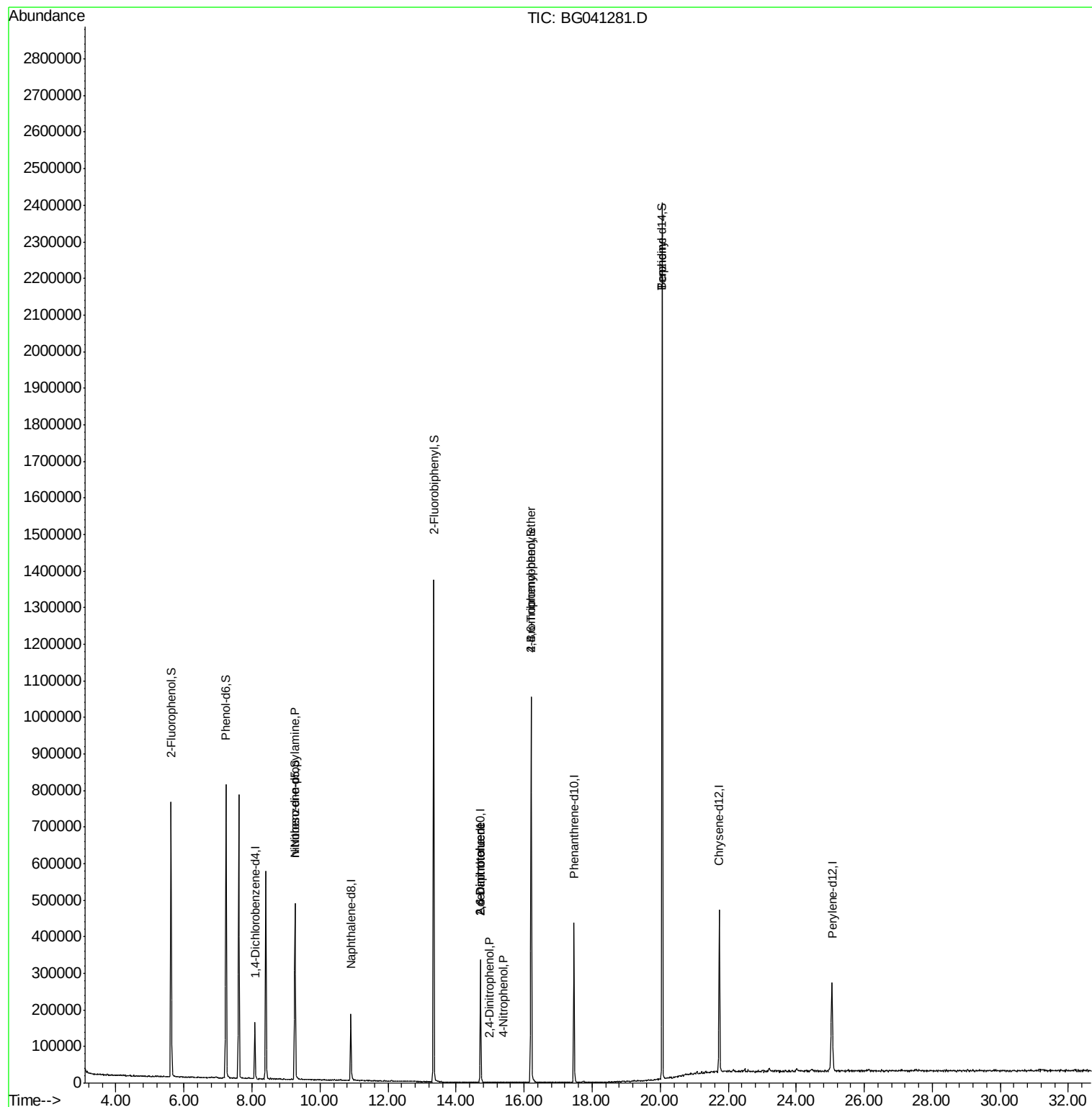
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39904	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	156828	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113966	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	279855	20.00	ng	0.00
76) Chrysene-d12	21.74	240	272500	20.00	ng	0.00
87) Perylene-d12	25.05	264	284864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	285304	131.37	ng	0.00
7) Phenol-d6	7.24	99	409004	129.93	ng	0.00
23) Nitrobenzene-d5	9.26	82	296196	79.43	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	207618	118.66	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	697834	83.22	ng	0.00
79) Terphenyl-d14	20.06	244	1171238	85.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	41403	16.262	ng	# 78
51) 2,6-Dinitrotoluene	14.72	165	14973	7.003	ng	# 18
54) 2,4-Dinitrophenol	14.98	184	56	4.880	ng	# 13
56) 4-Nitrophenol	15.38	139	57	3.250	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	14973	4.791	ng	# 21
67) 4-Bromophenyl-phenylether	16.20	248	14617	4.039	ng	# 1
77) Benzidine	20.06	184	19958	3.028	ng	# 95

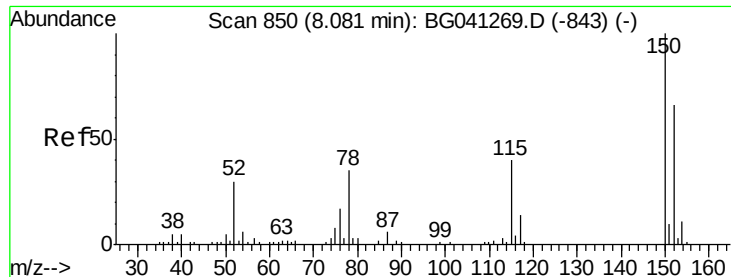
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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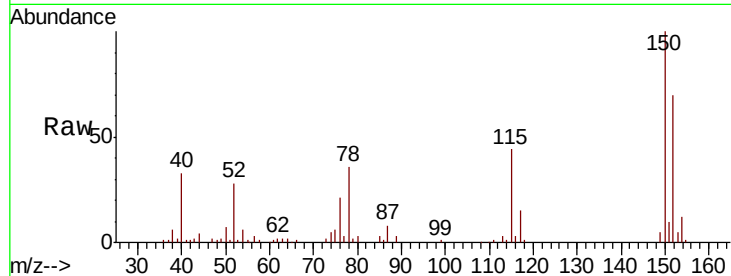


#1

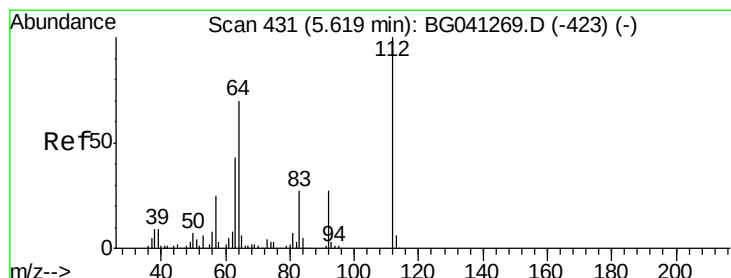
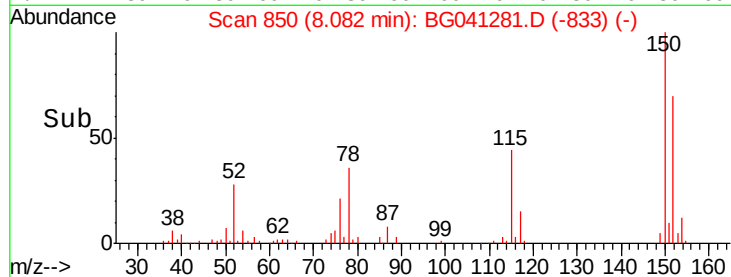
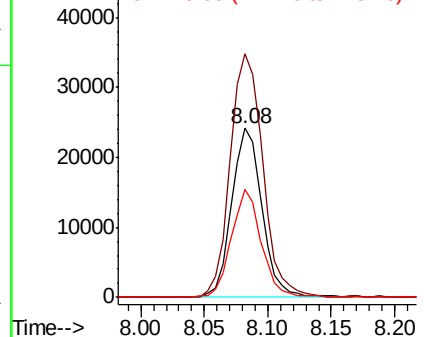
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39904
Ion Ratio Lower Upper
152 100
150 143.9 120.6 181.0
115 63.9 47.9 71.9



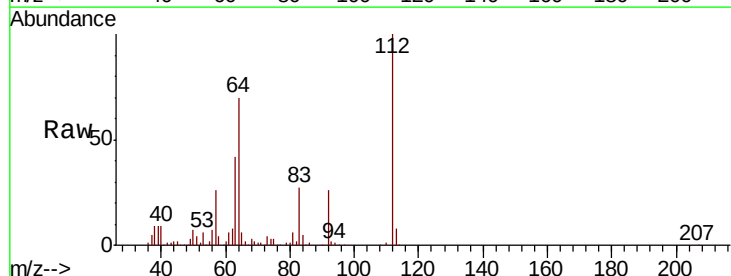
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



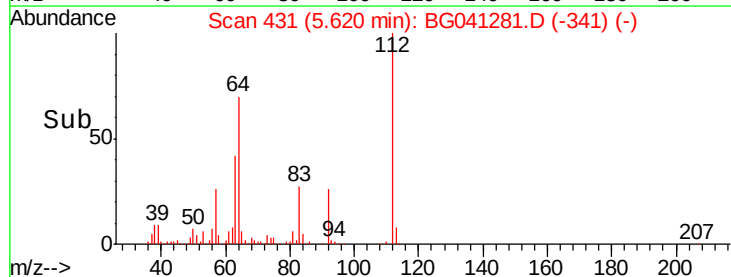
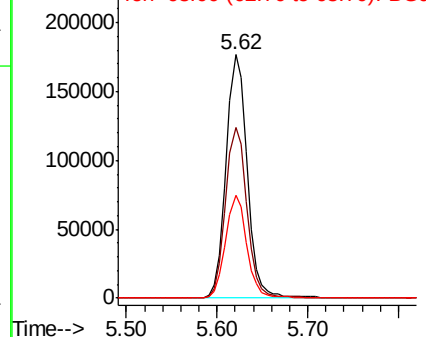
#5

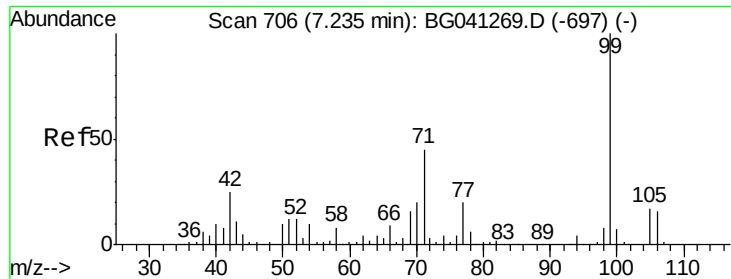
2-Fluorophenol
Concen: 131.371 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:112 Resp: 285304
Ion Ratio Lower Upper
112 100
64 70.0 55.9 83.9
63 42.3 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: 129.926 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

Instrument :

BNA_G

ClientSampleId :

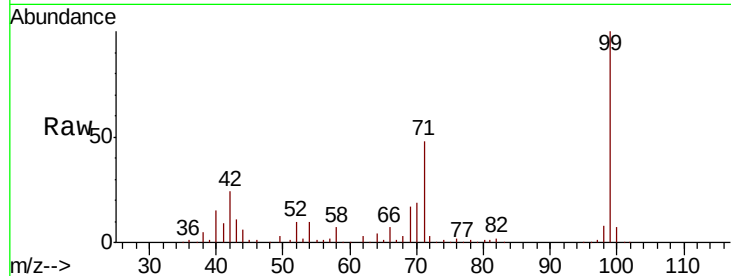
Tot Ion: 99 Resp: 409004

Ion Ratio Lower Upper

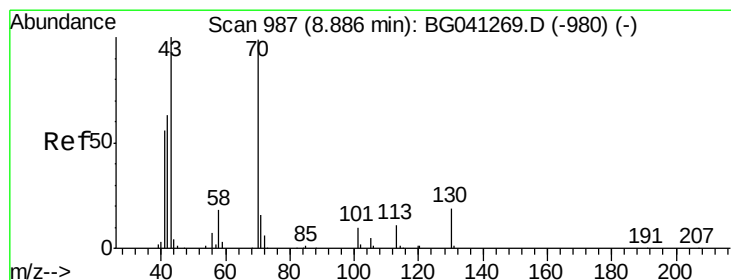
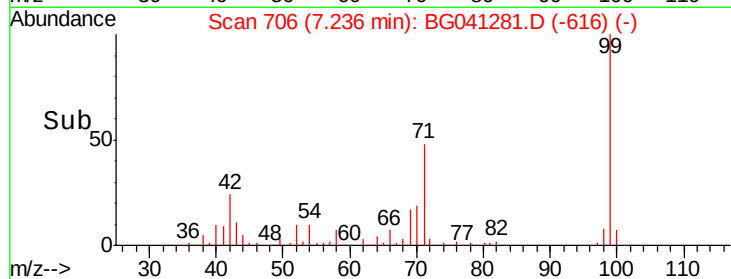
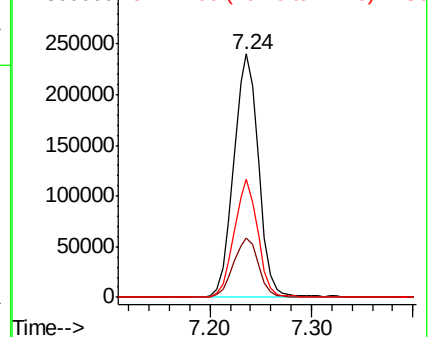
99 100

42 24.1 19.9 29.9

71 48.3 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: 16.262 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

Tgt Ion: 70 Resp: 41403

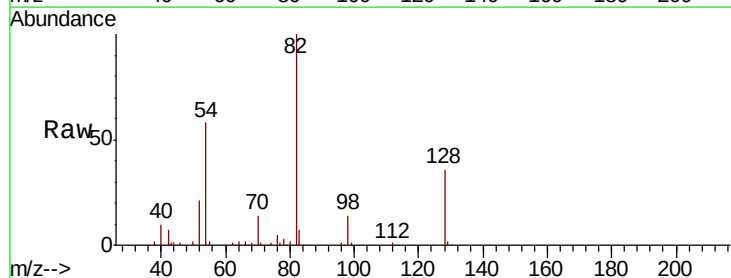
Ion Ratio Lower Upper

70 100

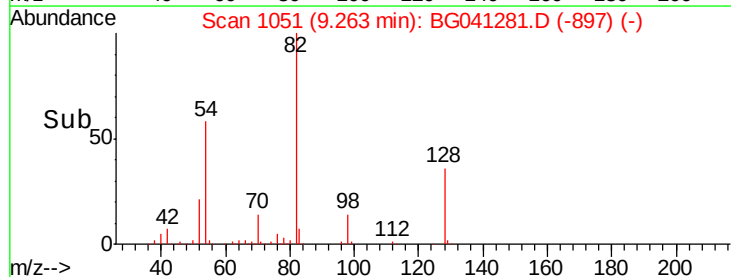
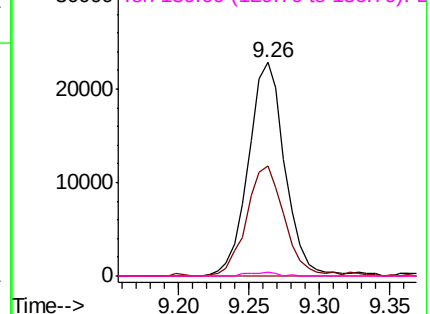
42 51.8 51.4 77.2

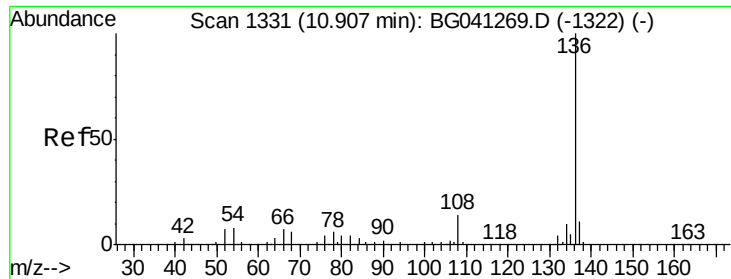
101 0.0 8.2 12.2#

130 1.5 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

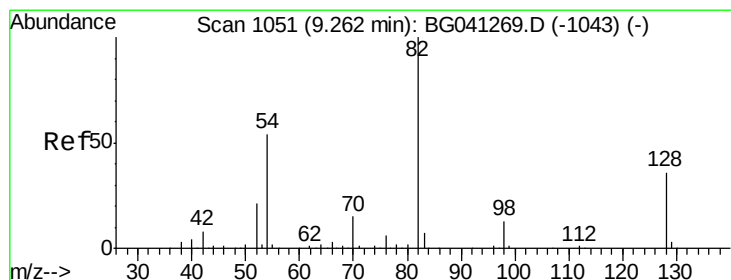
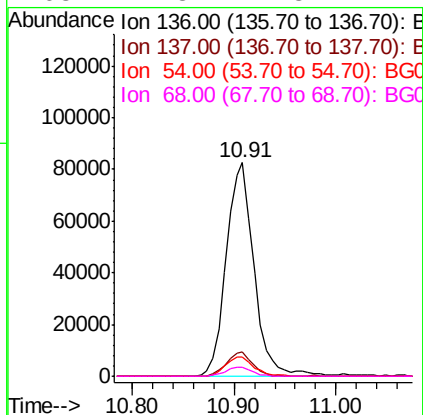
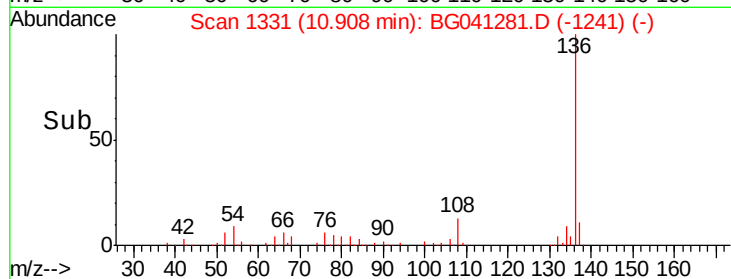
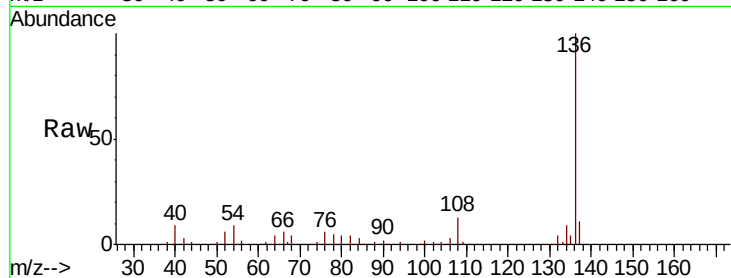




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

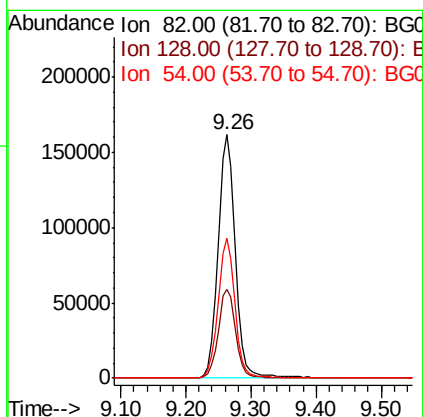
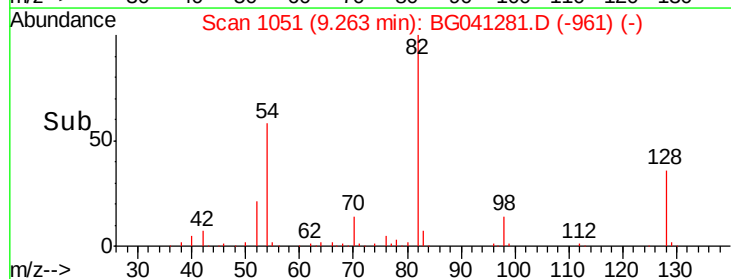
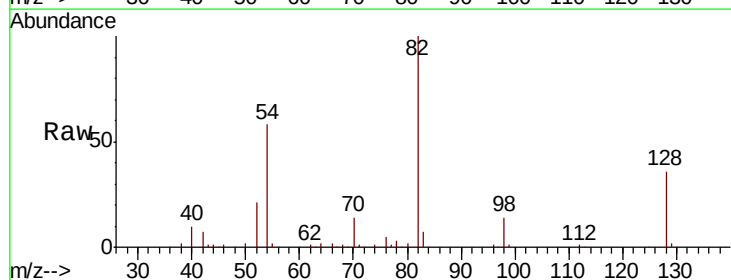
Instrument :
BNA_G
ClientSampleId :

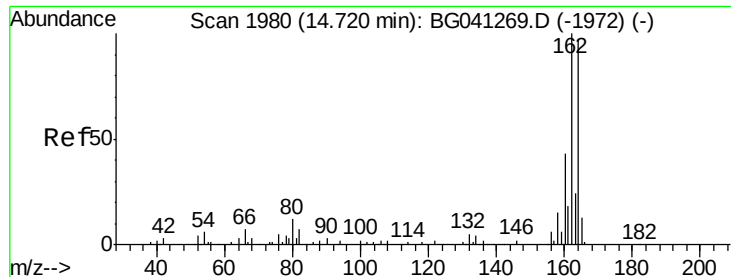
Tot Ion:136	Resp:	156828
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	8.7	6.4 9.6
68	4.3	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 79.430 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion: 82	Resp:	296196
Ion Ratio	Lower	Upper
82	100	
128	36.4	29.2 43.8
54	57.6	43.4 65.0

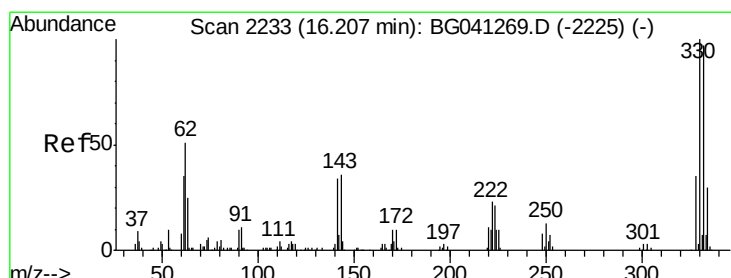
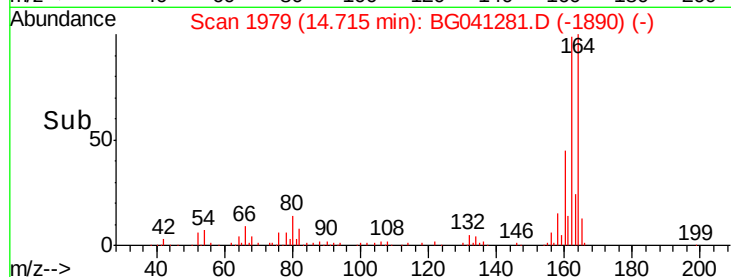
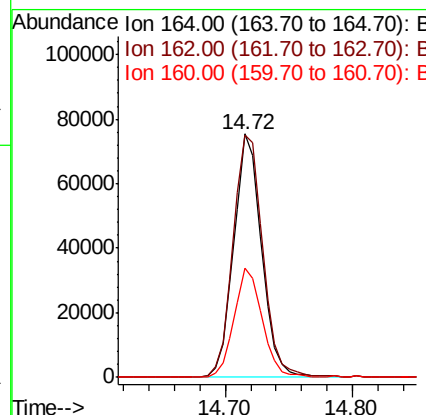
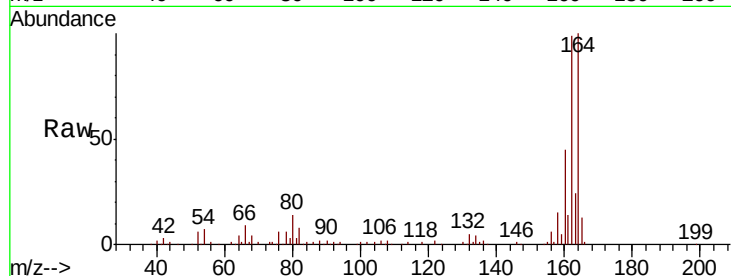




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

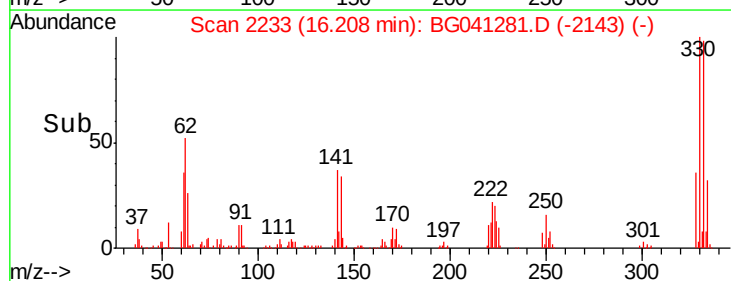
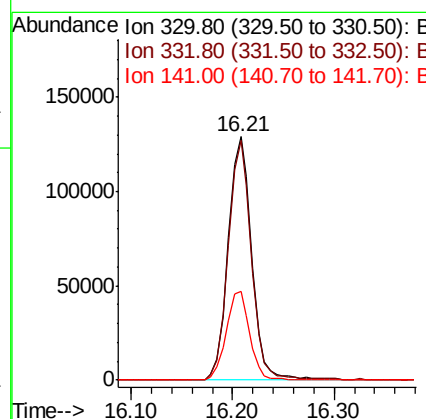
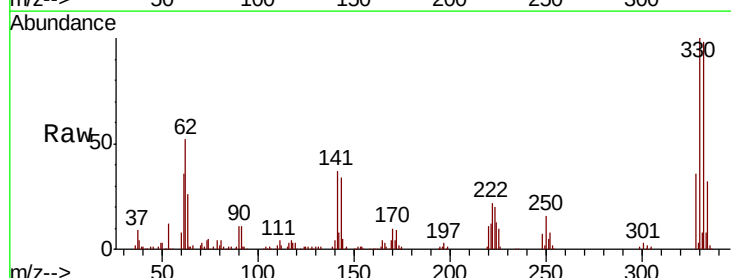
Instrument :
BNA_G
ClientSampled :

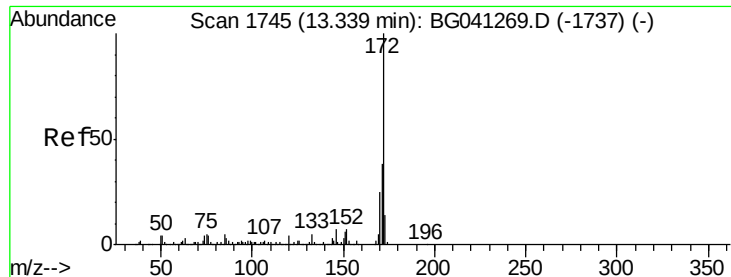
Tot Ion:164 Resp: 113966
Ion Ratio Lower Upper
164 100
162 99.3 82.8 124.2
160 44.9 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 118.664 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:330 Resp: 207618
Ion Ratio Lower Upper
330 100
332 97.0 75.5 113.3
141 36.5 29.0 43.4





#45

2-Fluorobiphenyl

Concen: 83.224 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

Instrument :

BNA_G

ClientSampleId :

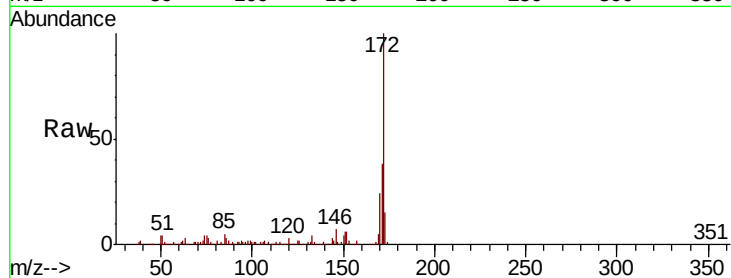
Tot Ion:172 Resp: 697834

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

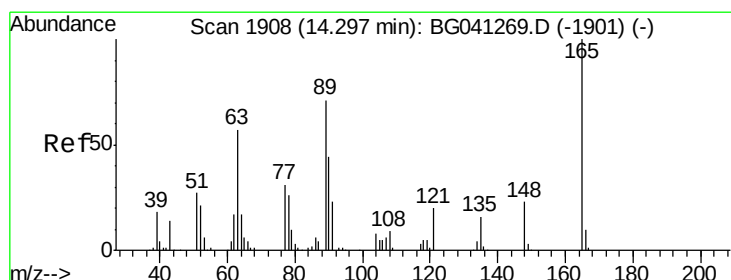
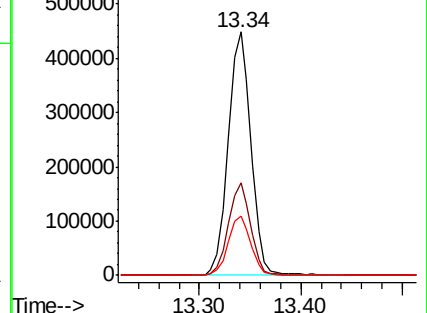
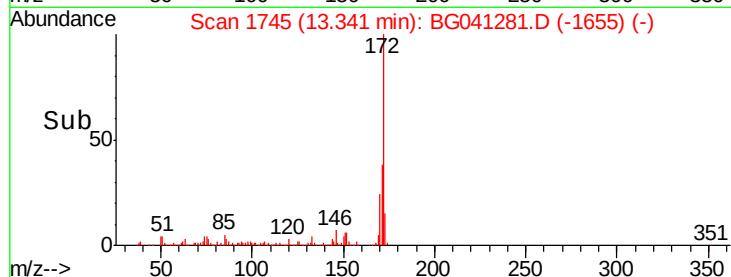
170 24.4 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51

2,6-Dinitrotoluene

Concen: 7.003 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.42 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

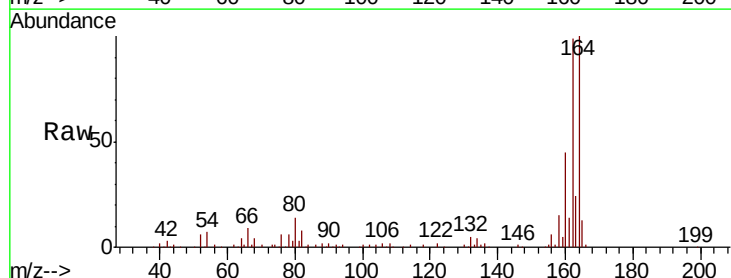
Tgt Ion:165 Resp: 14973

Ion Ratio Lower Upper

165 100

63 2.8 55.4 83.0#

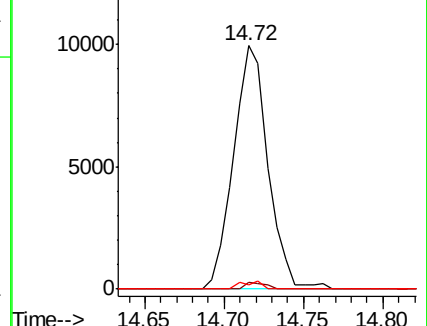
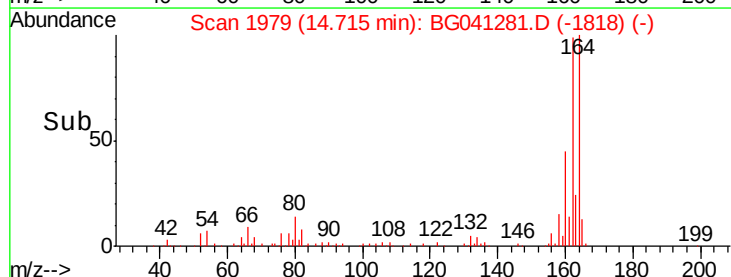
89 1.7 56.5 84.7#

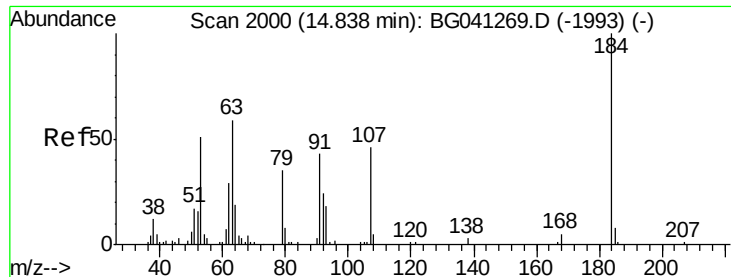


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#54

2,4-Dinitrophenol

Concen: 4.880 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.14 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

Instrument :

BNA_G

ClientSampleId :

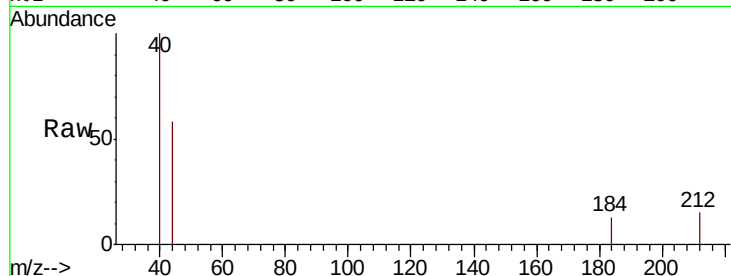
Tot Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 0.0 60.0 90.0#

154 0.0 58.3 87.5#

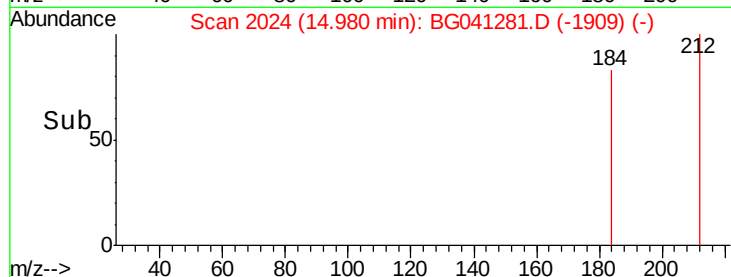


Abundance Ion 184.00 (183.70 to 184.70): E

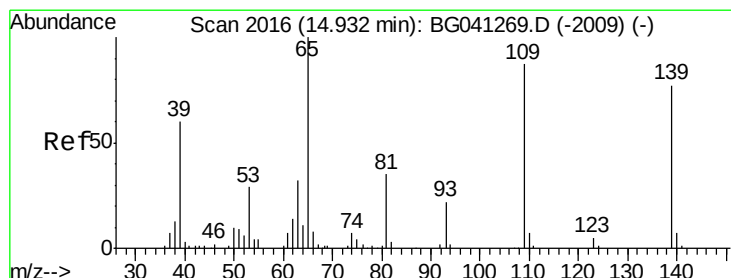
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

14.98



Time-->



#56

4-Nitrophenol

Concen: 3.250 ng

RT: 15.38 min Scan# 2092

Delta R.T. 0.45 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

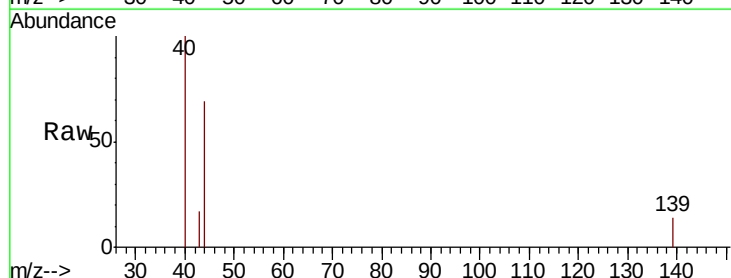
Tgt Ion:139 Resp: 57

Ion Ratio Lower Upper

139 100

109 0.0 93.2 133.2#

65 0.0 110.2 150.2#

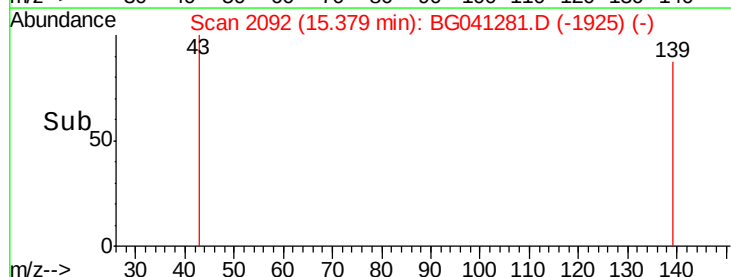


Abundance Ion 139.00 (138.70 to 139.70): E

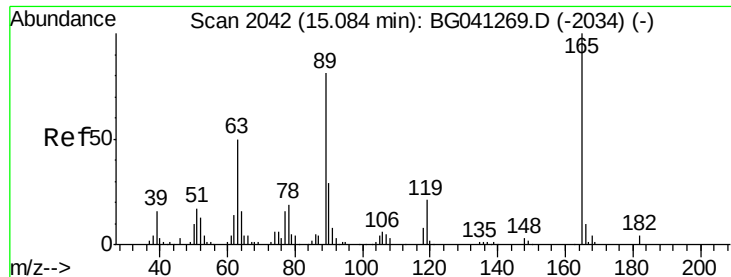
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

15.38



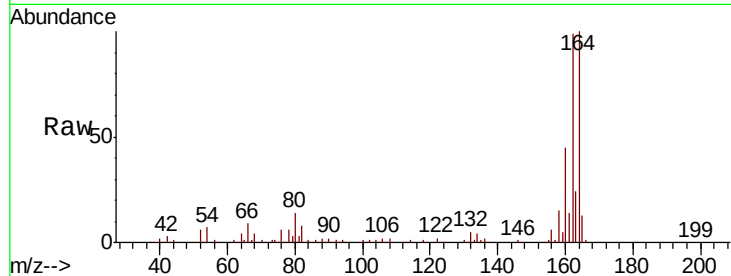
Time-->



#57
 2,4-Dinitrotoluene
 Concen: 4.791 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041281.D
 Acq: 17 Jun 2019 21:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.8	40.0	60.0#
89	1.7	64.6	96.8#
182	0.0	2.9	4.3#



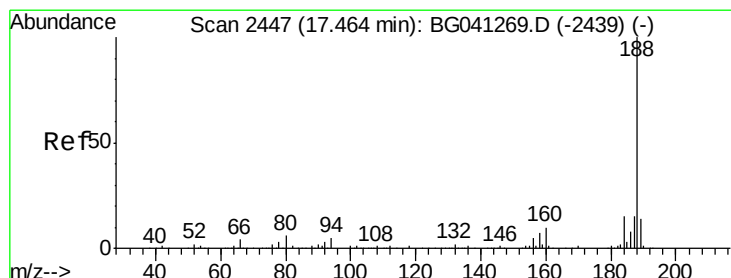
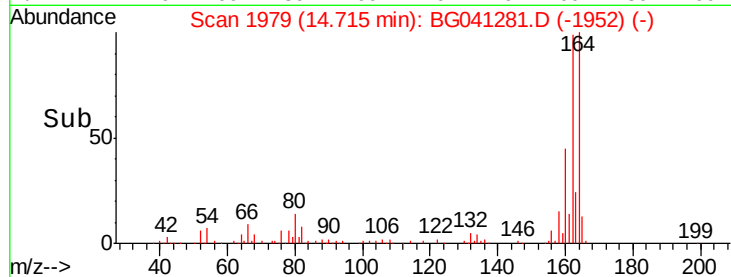
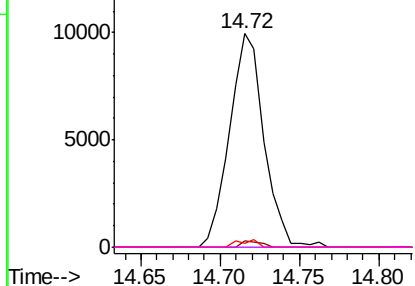
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

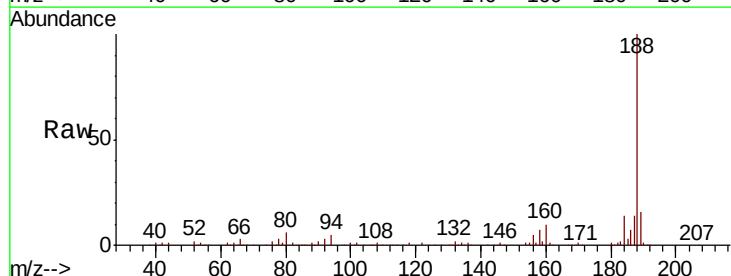
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG041281.D
 Acq: 17 Jun 2019 21:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.6	5.4
80	6.1	4.8	7.2

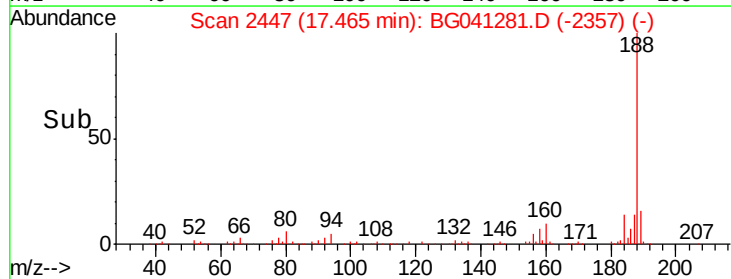
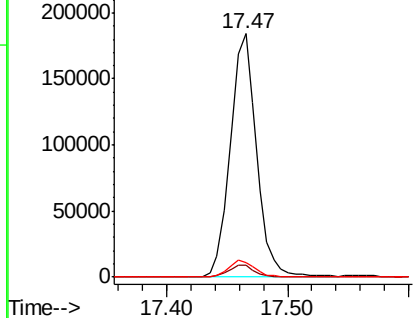


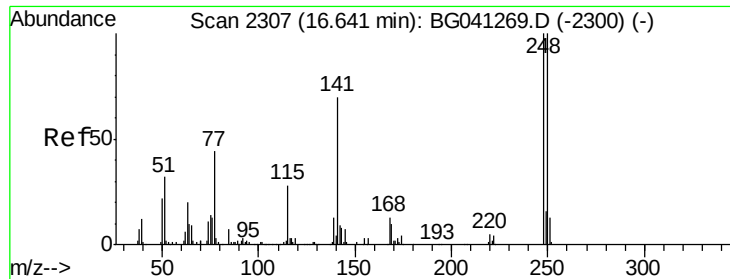
Abundance

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

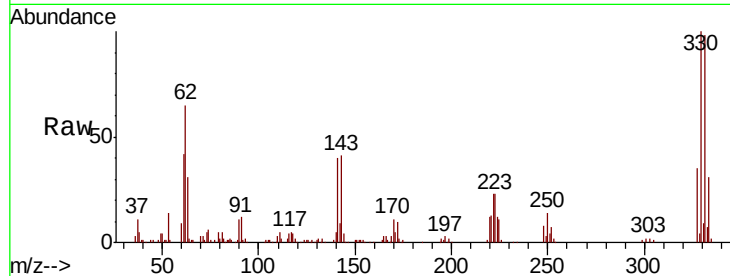




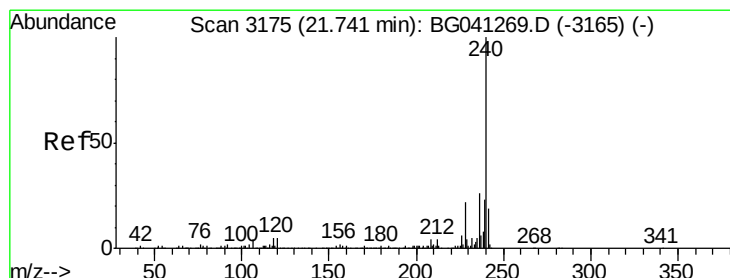
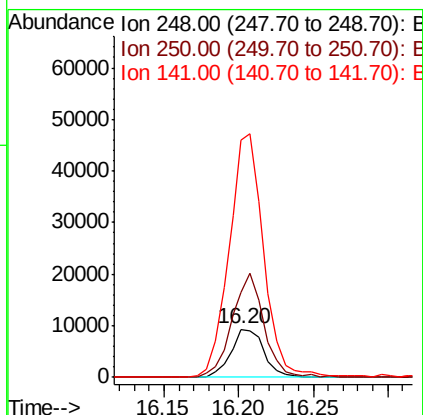
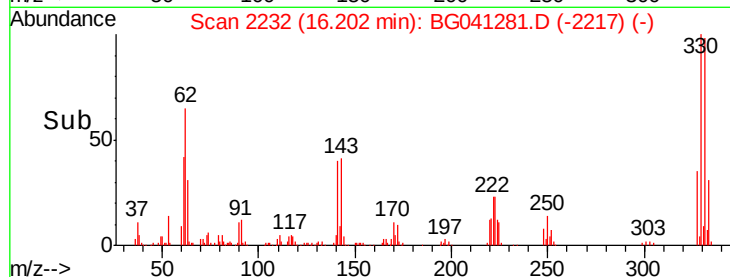
#67
 4-Bromophenyl-phenylether
 Concen: 4.039 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.44 min
 Lab File: BG041281.D
 Acq: 17 Jun 2019 21:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14617
 Ion Ratio Lower Upper
 248 100
 250 177.6 79.8 119.8#
 141 495.6 55.8 83.6#

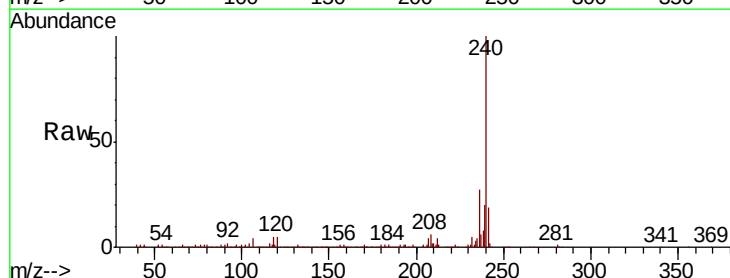


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

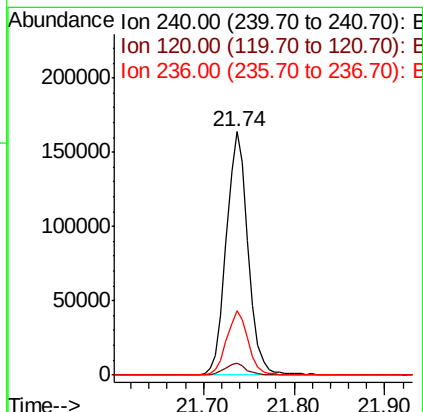
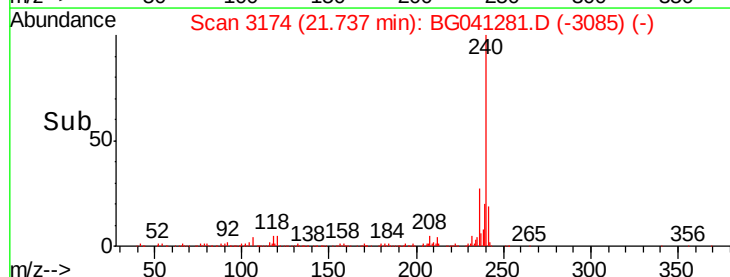


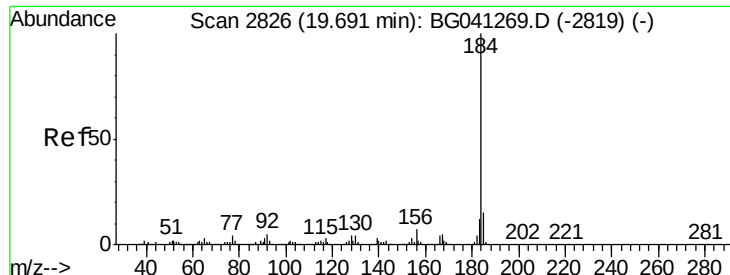
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG041281.D
 Acq: 17 Jun 2019 21:35

Tgt Ion:240 Resp: 272500
 Ion Ratio Lower Upper
 240 100
 120 4.9 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





#77

Benzidine

Concen: 3.028 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

Instrument :

BNA_G

ClientSampleId :

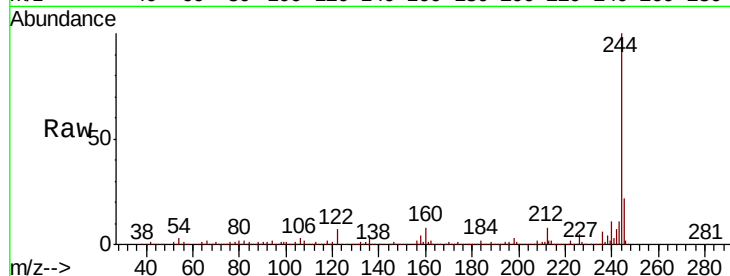
Tot Ion:184 Resp: 19958

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

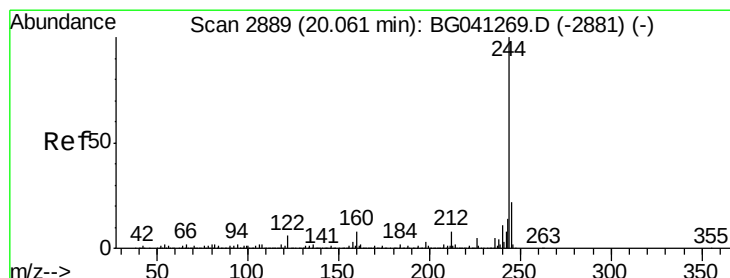
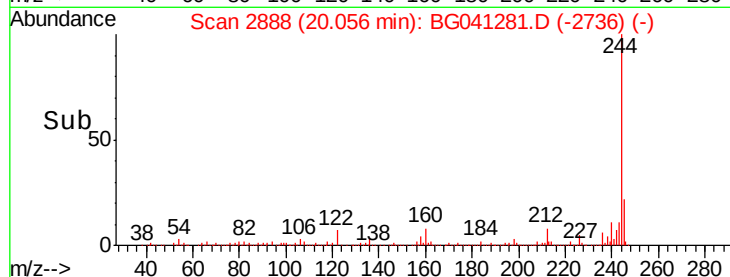
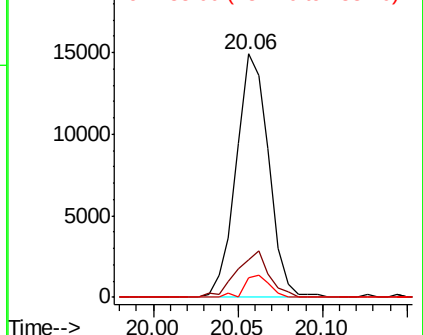
183 8.0 9.6 14.4#



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: 85.180 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041281.D

Acq: 17 Jun 2019 21:35

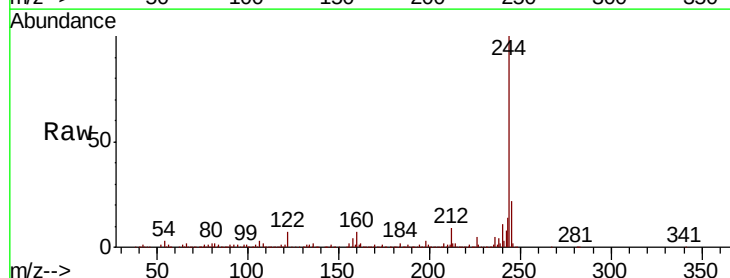
Tgt Ion:244 Resp: 1171238

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

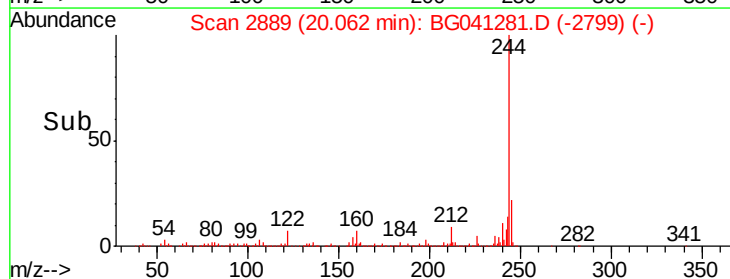
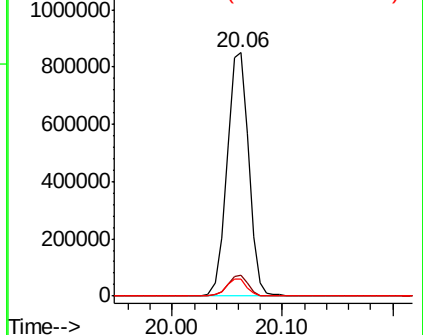
122 6.9 5.0 7.4

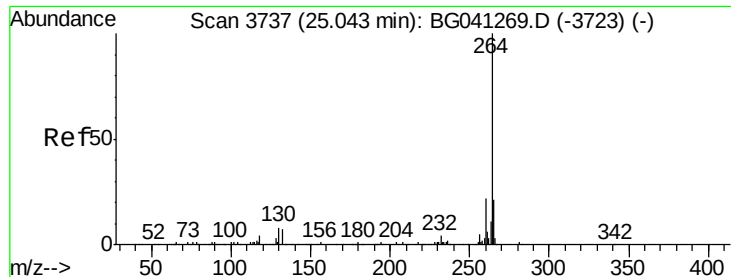


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.2
265	20.5	17.2	25.8

