

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040381.D
 Acq On : 5 Apr 2019 17:45
 Operator : JU/SJ
 Sample : PB118645BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 23:37:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

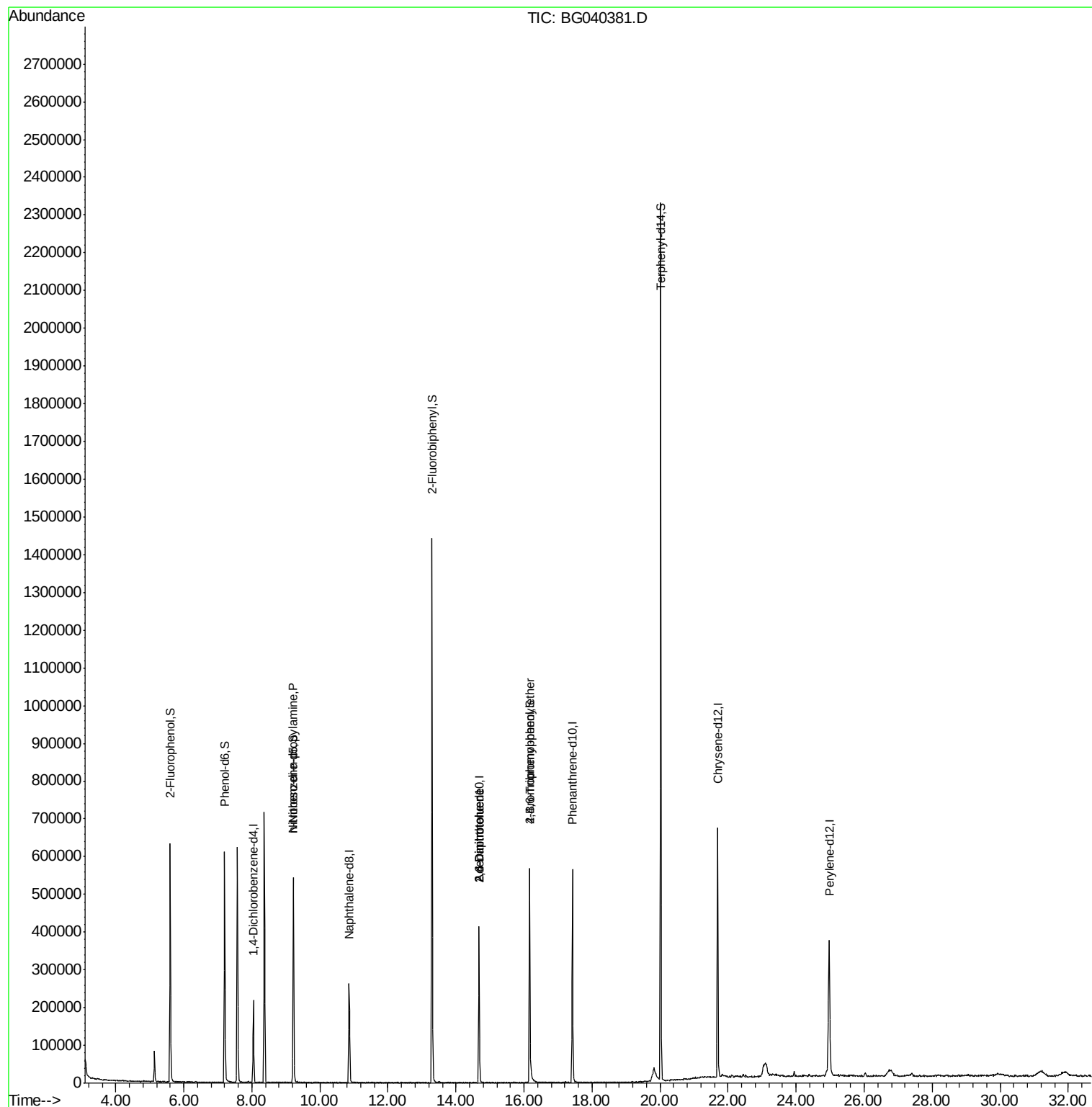
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63032	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	245922	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	151125	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	366947	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	407912	20.00	ng	-0.04
87) Perylene-d12	24.97	264	408813	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	286431	75.54	ng	-0.02
7) Phenol-d6	7.20	99	381026	72.71	ng	-0.03
23) Nitrobenzene-d5	9.22	82	337847	73.02	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	118170	72.35	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	789495	77.41	ng	-0.03
79) Terphenyl-d14	20.02	244	1157014	63.81	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42576	11.332	ng	# 74
51) 2,6-Dinitrotoluene	14.68	165	18975	7.145	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	18975	5.142	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	8821	2.136	ng	# 1

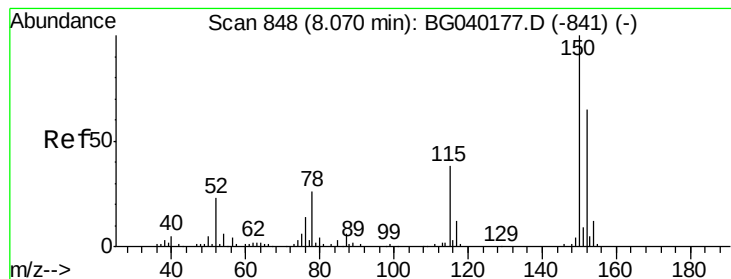
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



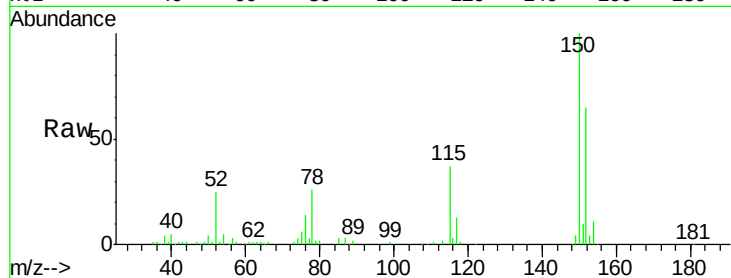


#1

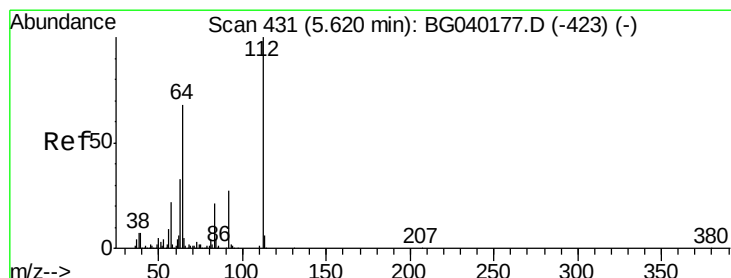
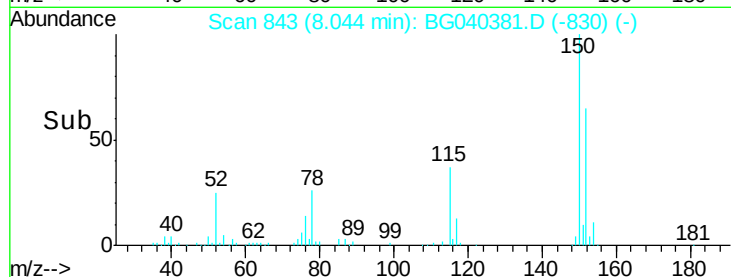
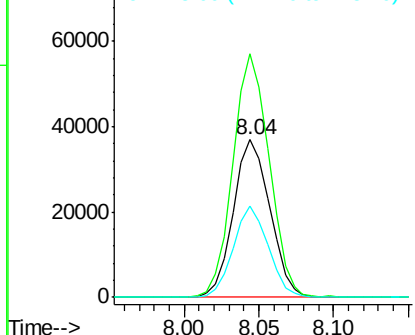
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63032
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 58.0 46.9 70.3



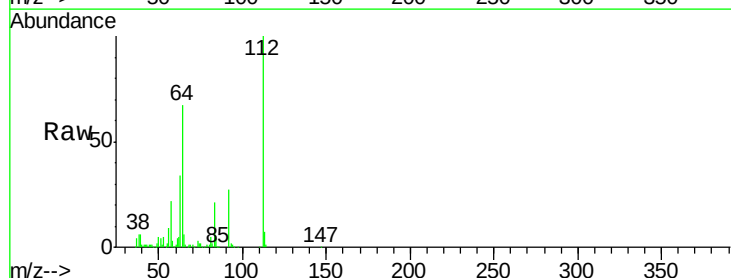
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



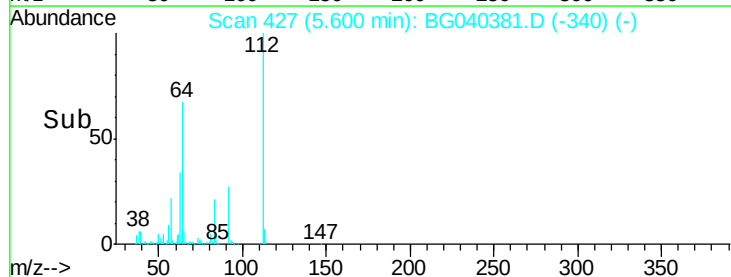
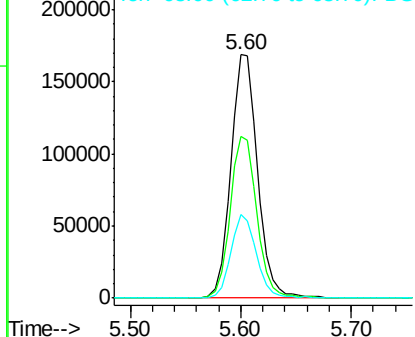
#5

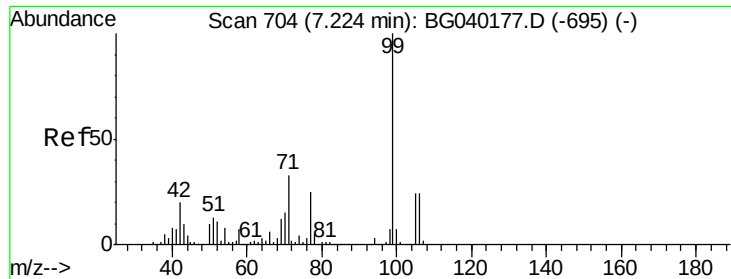
2-Fluorophenol
Concen: 75.544 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Tgt Ion:112 Resp: 286431
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.2
63 34.3 26.4 39.6



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: 72.714 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

Instrument :

BNA_G

ClientSampled :

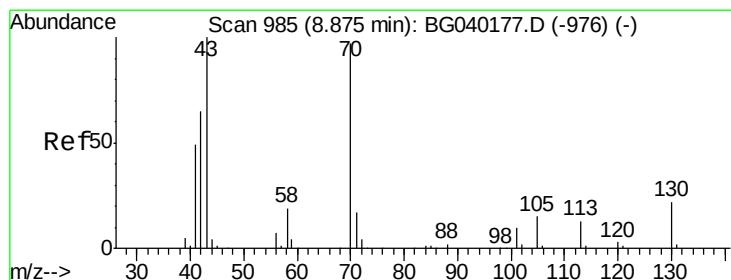
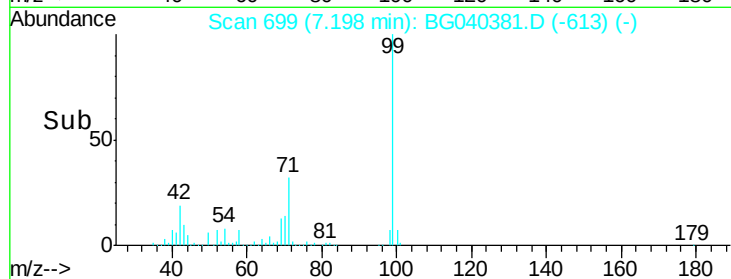
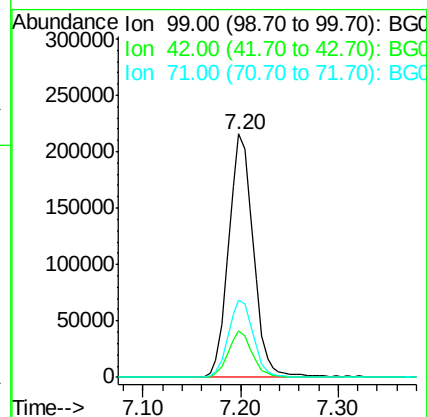
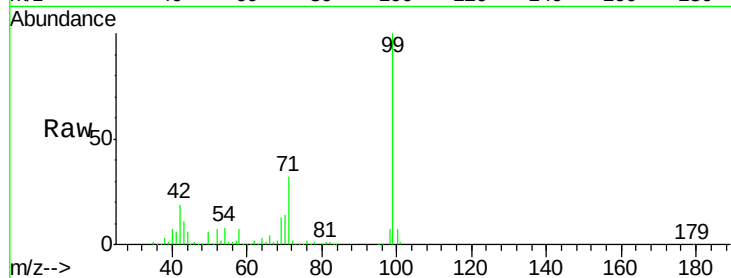
Tot Ion: 99 Resp: 381026

Ion Ratio Lower Upper

99 100

42 19.3 16.2 24.2

71 31.6 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.332 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

Tgt Ion: 70 Resp: 42576

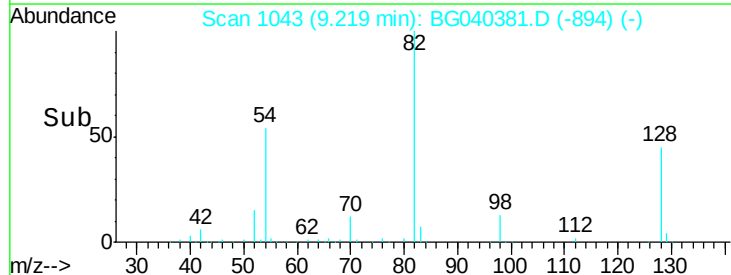
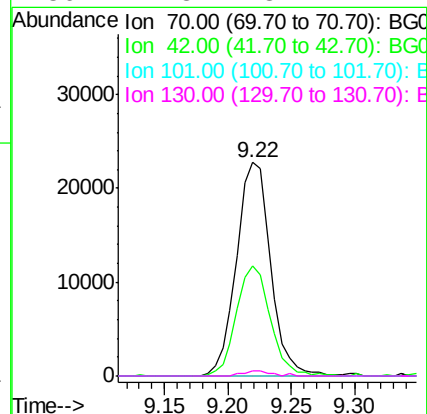
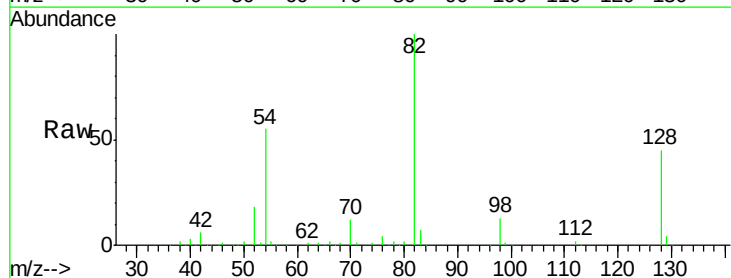
Ion Ratio Lower Upper

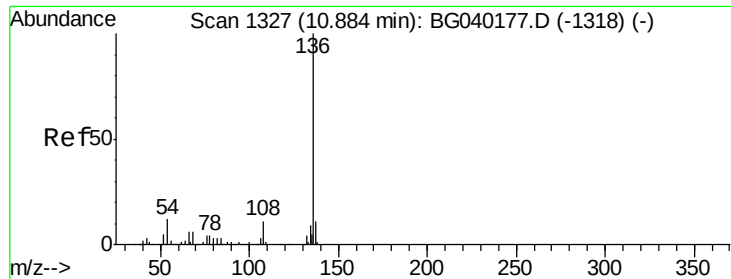
70 100

42 51.8 54.0 81.0#

101 0.0 8.6 13.0#

130 2.3 18.2 27.2#

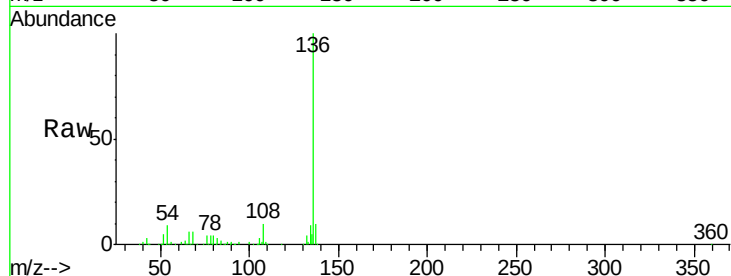




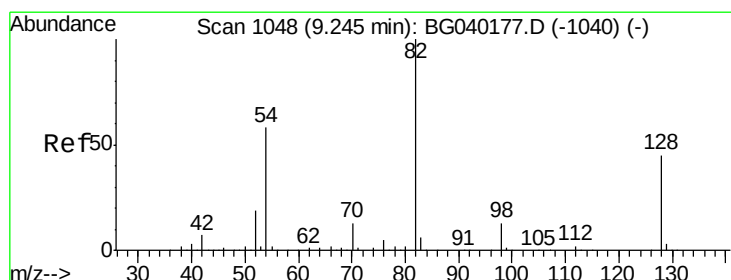
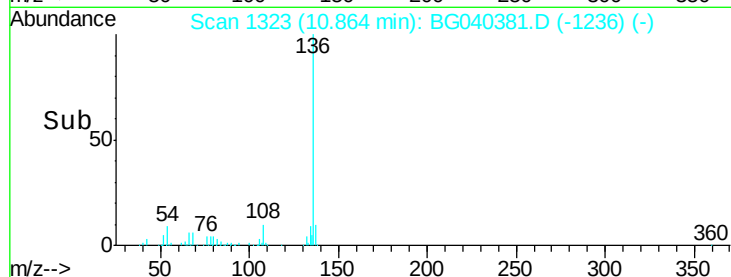
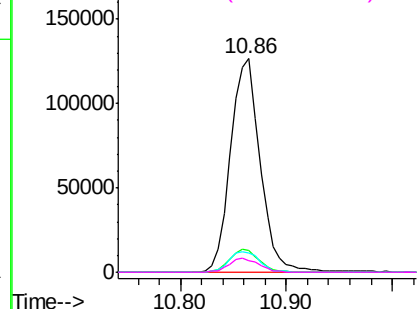
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	245922
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.9 13.3
54	8.8	9.6 14.4#
68	5.6	5.1 7.7

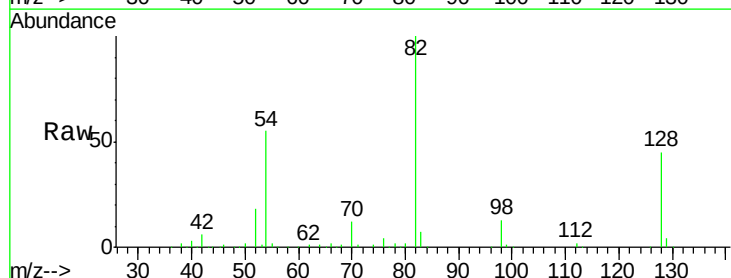


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

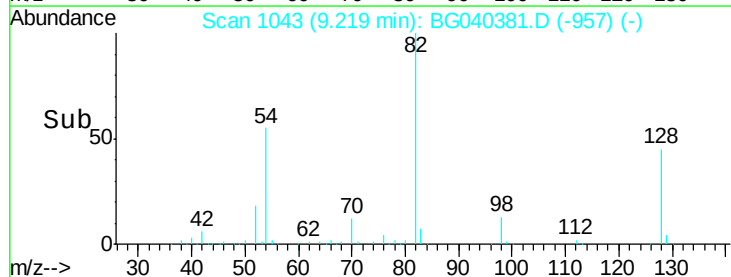
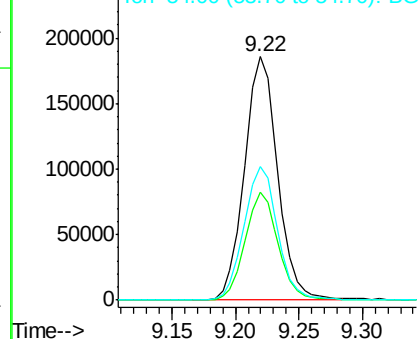


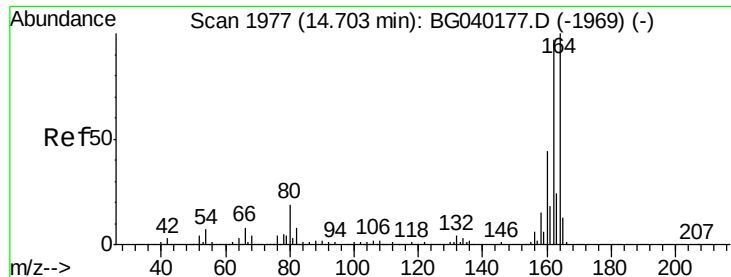
#23
Nitrobenzene-d5
Concen: 73.022 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Tgt Ion: 82	Resp:	337847
Ion Ratio	Lower	Upper
82	100	
128	44.5	35.8 53.8
54	54.9	46.2 69.2



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

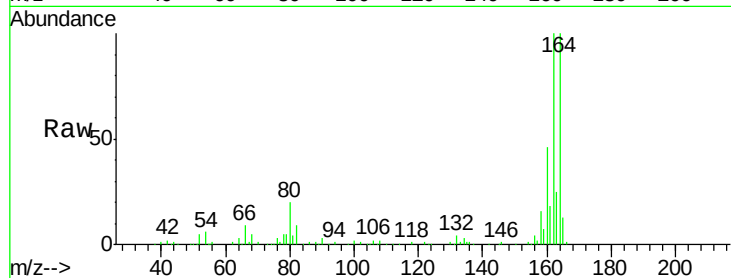




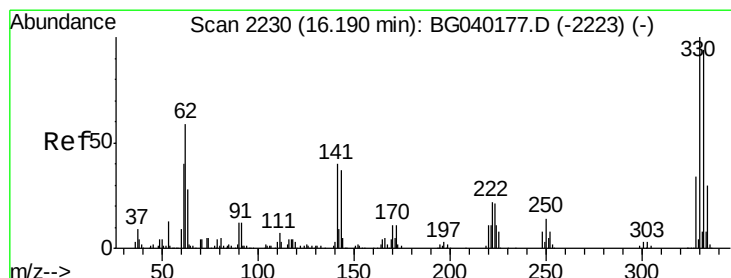
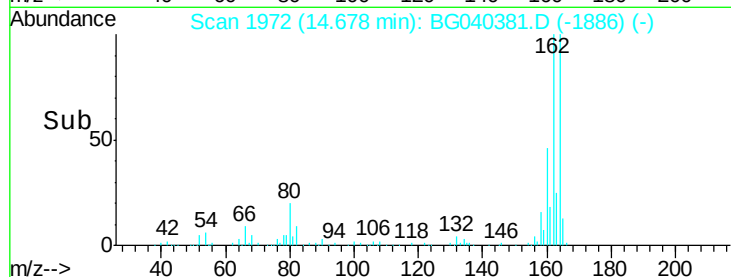
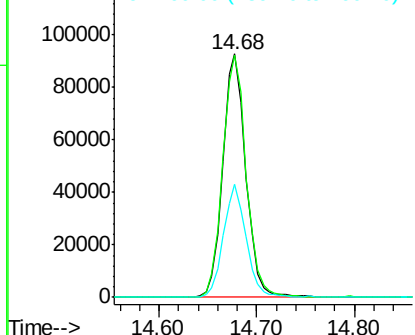
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 151125
Ion Ratio Lower Upper
164 100
162 99.8 77.4 116.2
160 46.3 35.3 52.9

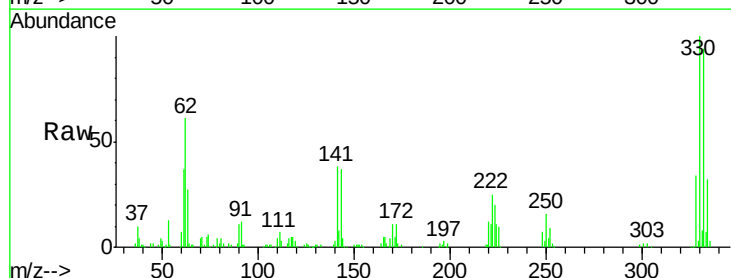


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

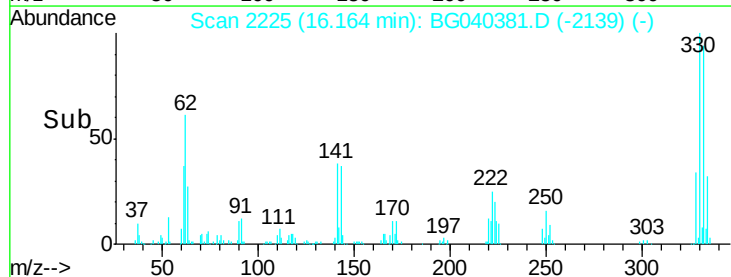
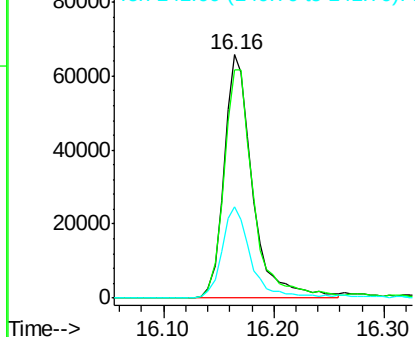


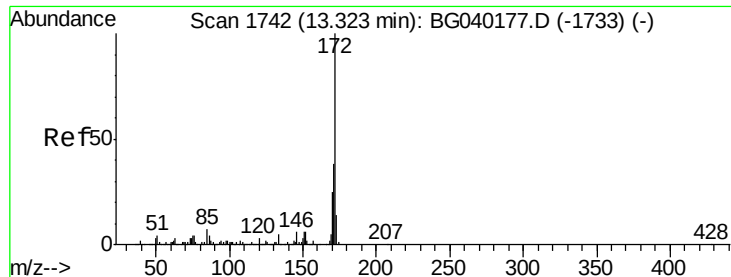
#42
2,4,6-Tribromophenol
Concen: 72.352 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Tgt Ion:330 Resp: 118170
Ion Ratio Lower Upper
330 100
332 98.0 76.6 115.0
141 37.5 32.6 48.8



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

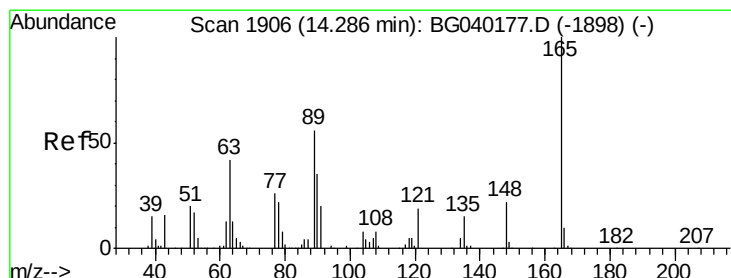
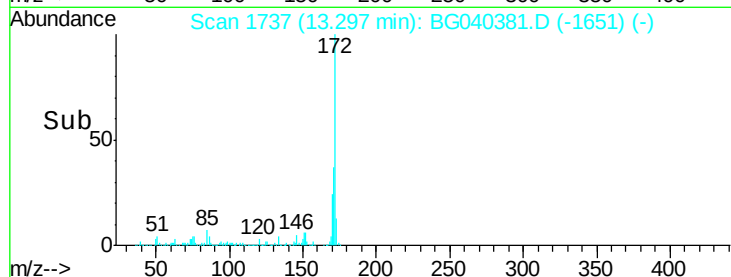
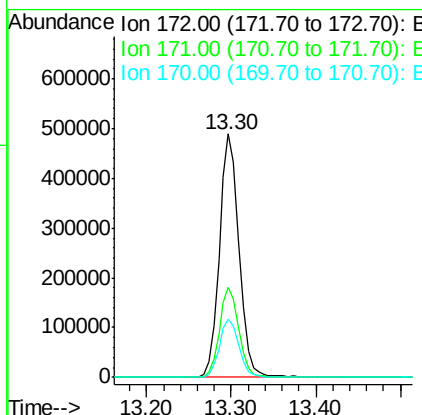
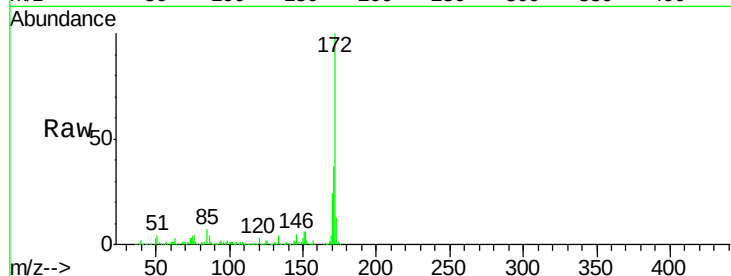




#45
2-Fluorobiphenyl
Concen: 77.409 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

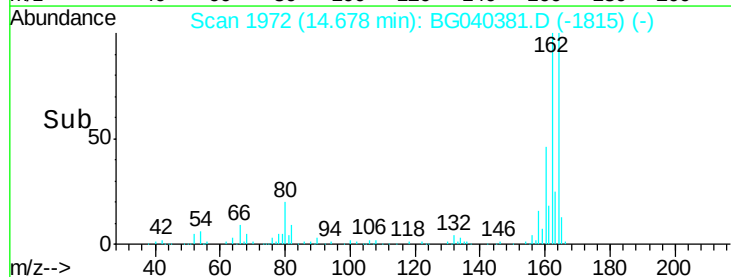
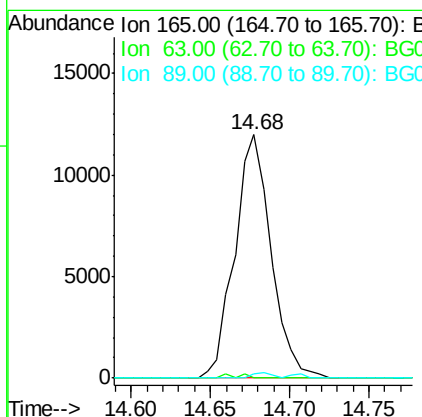
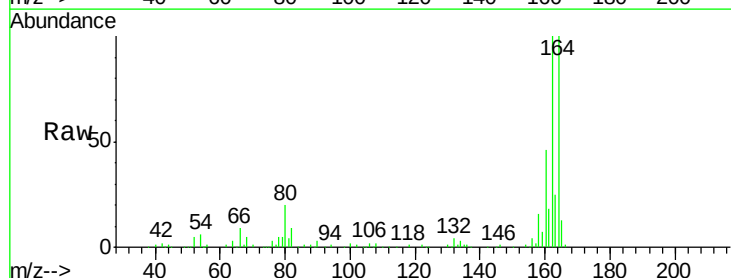
Instrument :
BNA_G
ClientSampleId :

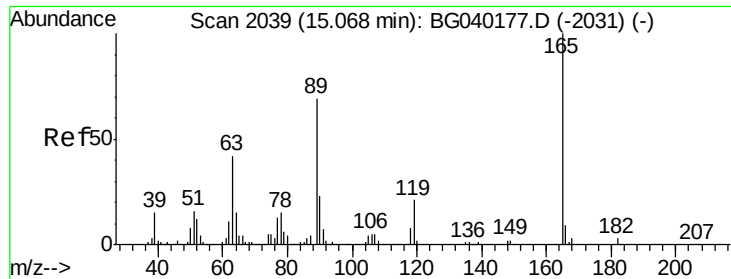
Tot Ion:172 Resp: 789495
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.0 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.145 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Tgt Ion:165 Resp: 18975
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.7 44.9 67.3#

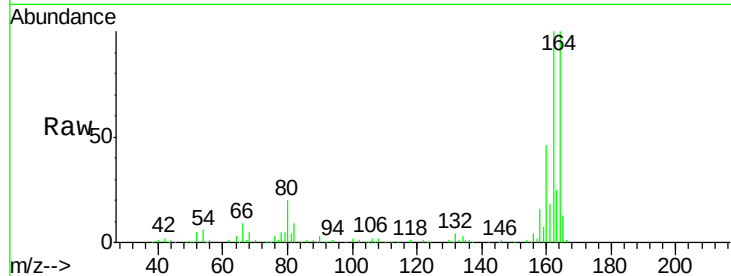




#57
 2,4-Dinitrotoluene
 Concen: 5.142 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040381.D
 Acq: 5 Apr 2019 17:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	18975
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.8 50.6#
89	1.7	55.4 83.2#
182	0.0	2.2 3.4#

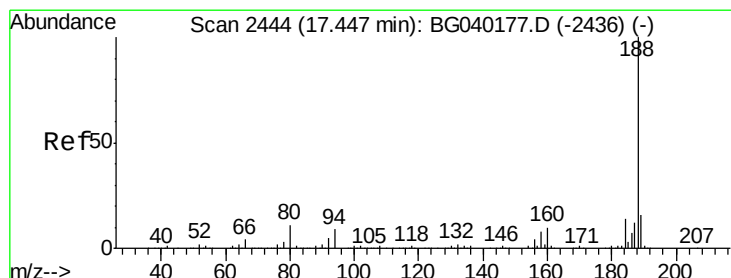
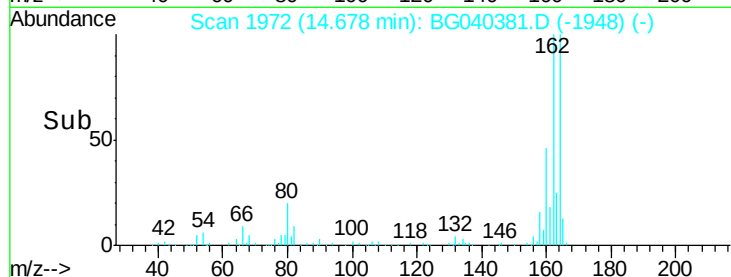
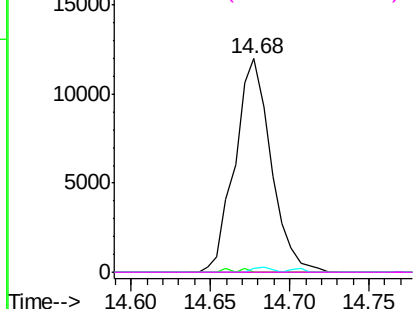


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

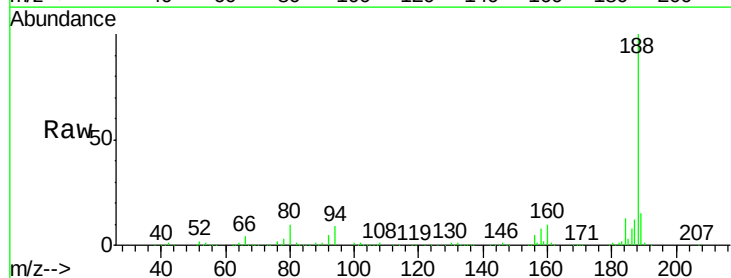
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040381.D
 Acq: 5 Apr 2019 17:45

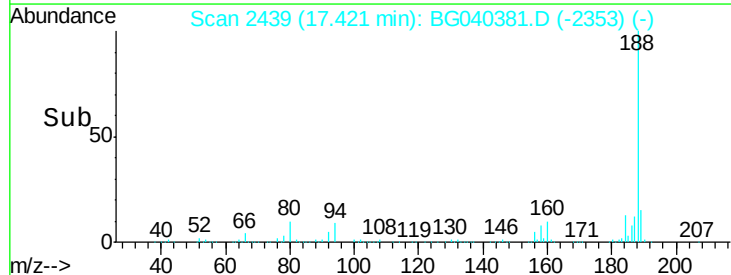
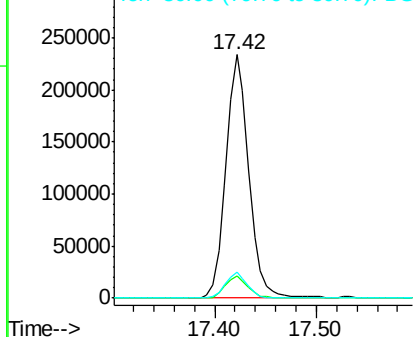
Tgt Ion:188	Resp:	366947
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.0 10.4
80	10.5	8.6 13.0

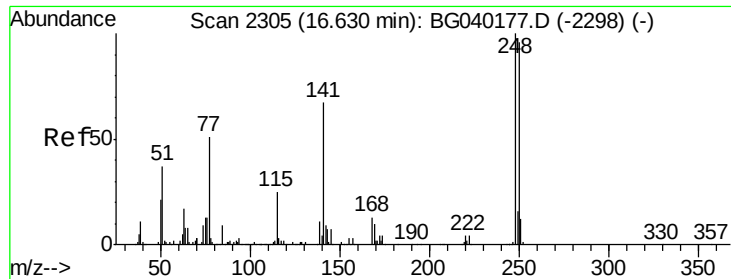


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

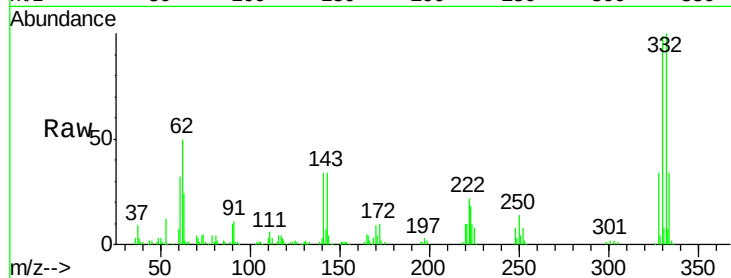




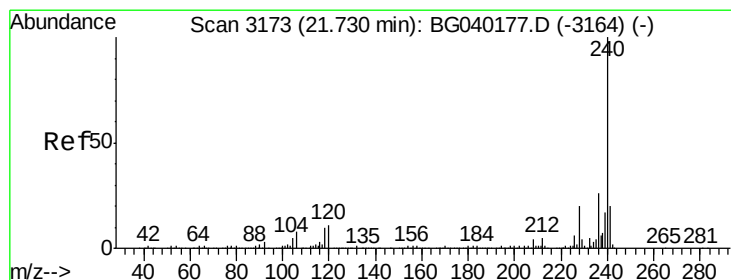
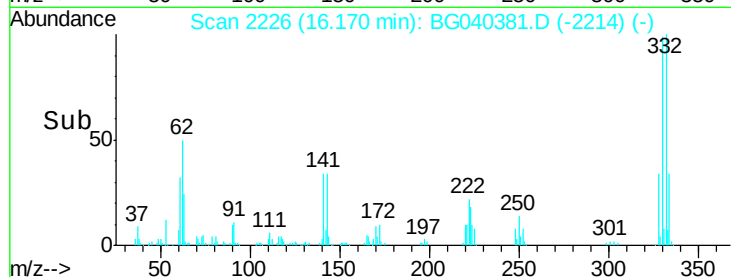
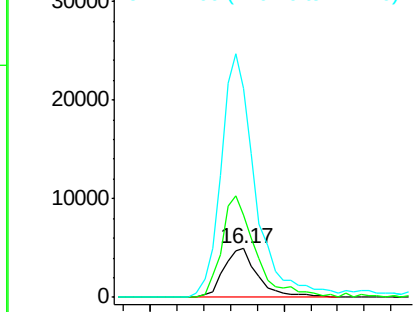
#67
 4-Bromophenyl-phenylether
 Concen: 2.136 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040381.D
 Acq: 5 Apr 2019 17:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8821
 Ion Ratio Lower Upper
 248 100
 250 124.0 76.4 114.6#
 141 313.0 53.8 80.8#

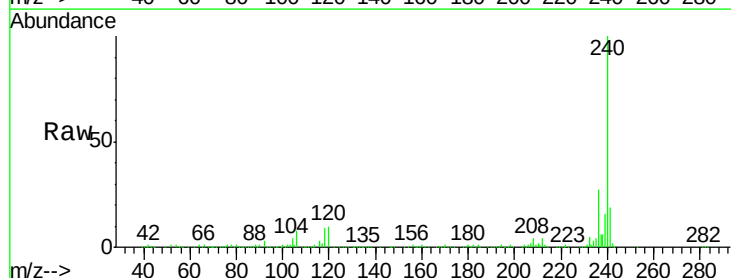


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

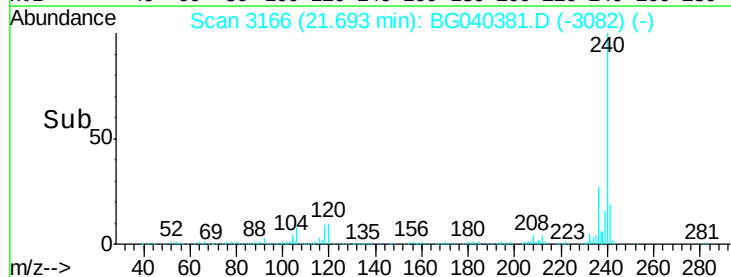
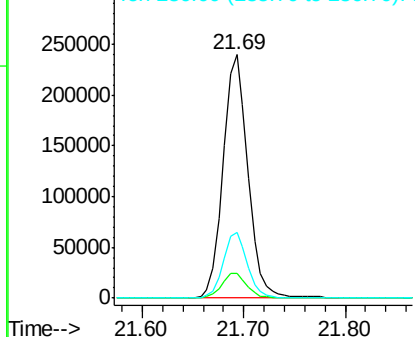


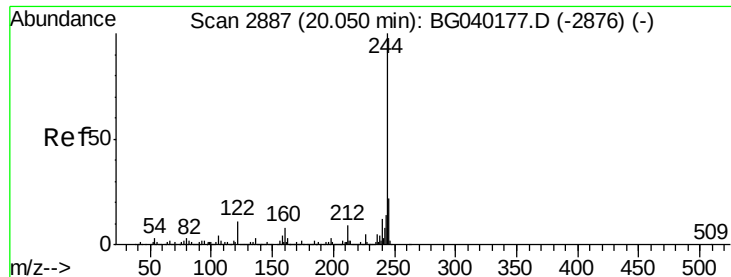
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040381.D
 Acq: 5 Apr 2019 17:45

Tgt Ion:240 Resp: 407912
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 27.1 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





#79

Terphenyl-d14

Concen: 63.810 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

Instrument :

BNA_G

ClientSampled :

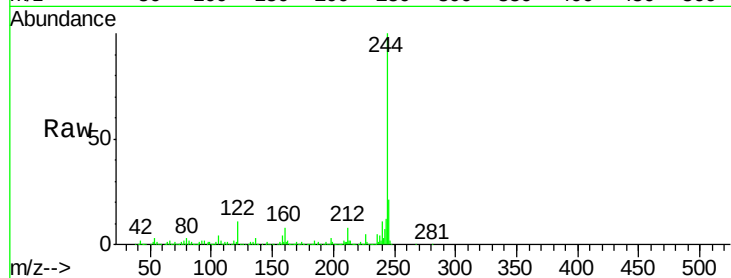
Tot Ion:244 Resp: 1157014

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

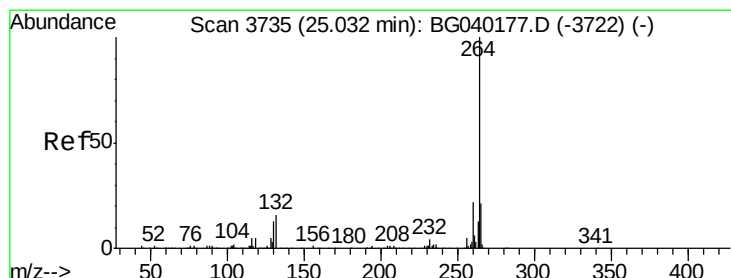
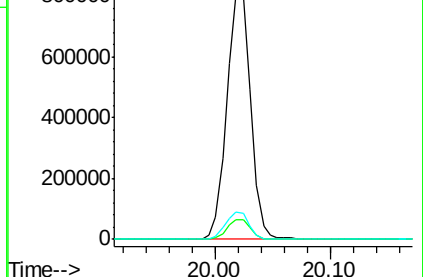
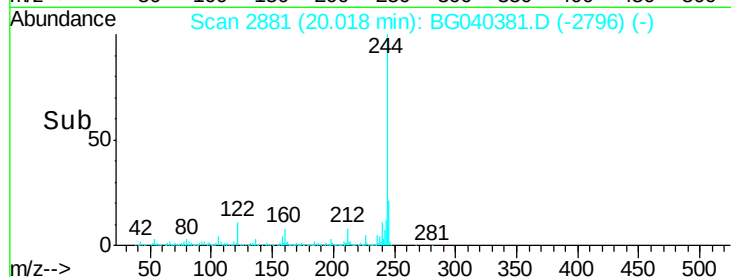
122 11.2 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

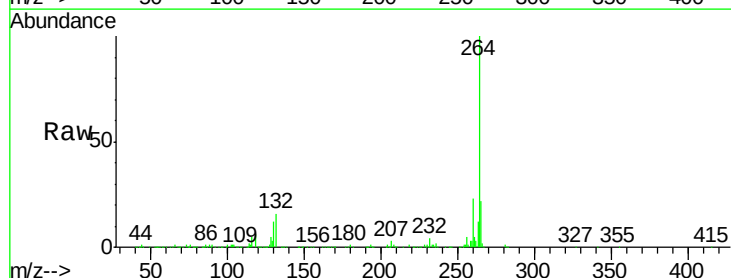
Tgt Ion:264 Resp: 408813

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.0 16.8 25.2



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

