

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061319\
 Data File : BG041241.D
 Acq On : 14 Jun 2019 4:24
 Operator : HP/JU
 Sample : K3340-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jun 14 06:04:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37173	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	154779	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112771	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	259105	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255227	20.00	ng	0.00
87) Perylene-d12	25.09	264	193908	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	285112	138.30	ng	0.00
7) Phenol-d6	7.25	99	459517	144.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	355285	101.90	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	197993	118.26	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	859426	109.75	ng	0.00
79) Terphenyl-d14	20.07	244	1341107	111.52	ng	0.00

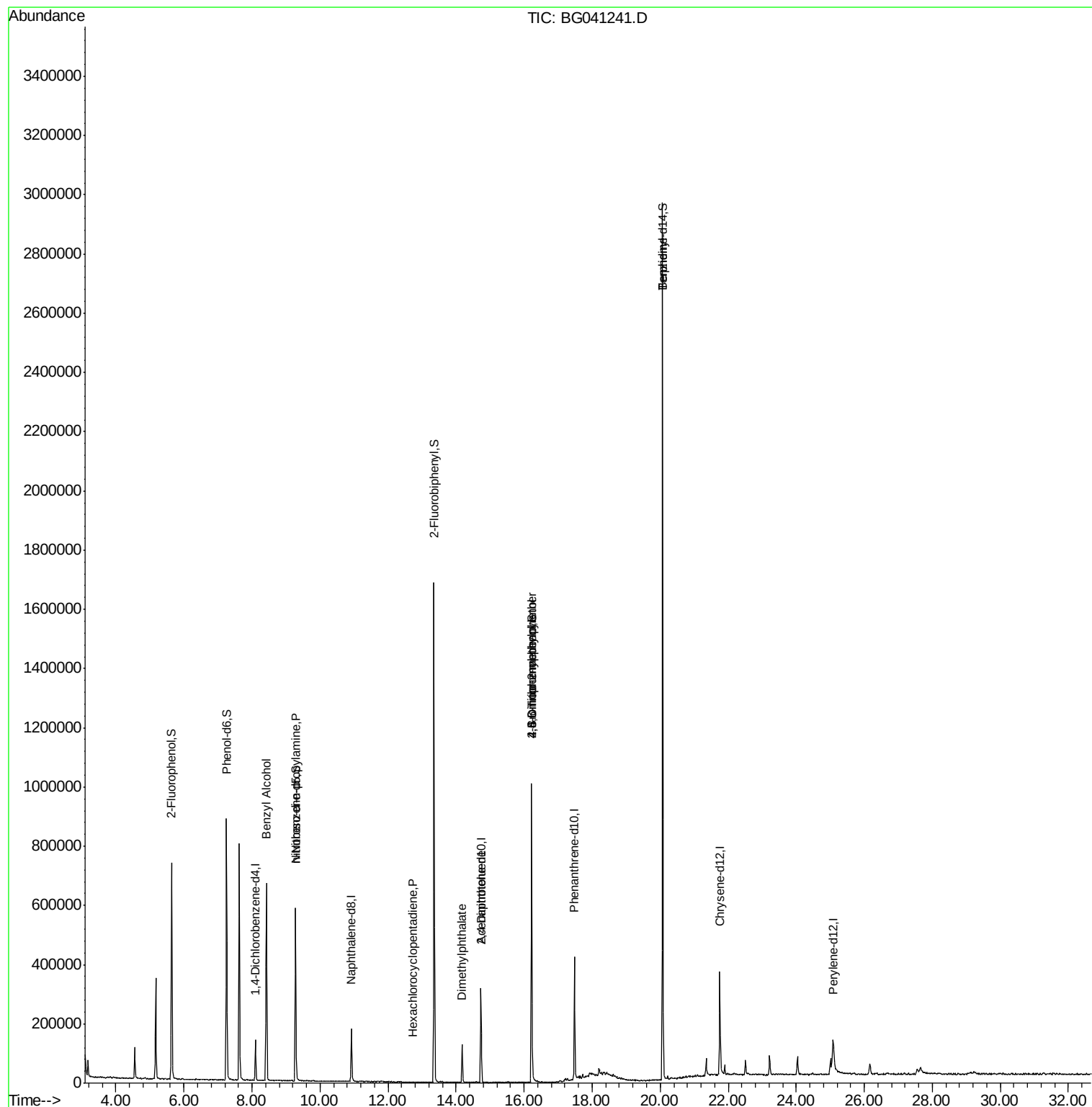
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.42	79	6269	2.129	ng	# 59
19) n-Nitroso-di-n-propylamine	9.28	70	51619	21.068	ng	# 73
41) Hexachlorocyclopentadiene	12.72	237	57	8.256	ng	# 26
50) Dimethylphthalate	14.17	163	92030	9.641	ng	# 97
57) 2,4-Dinitrotoluene	14.73	165	13841	4.761	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.22	198	310	8.773	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	15879	4.541	ng	# 1
77) Benzidine	20.07	184	23016	3.780	ng	# 91

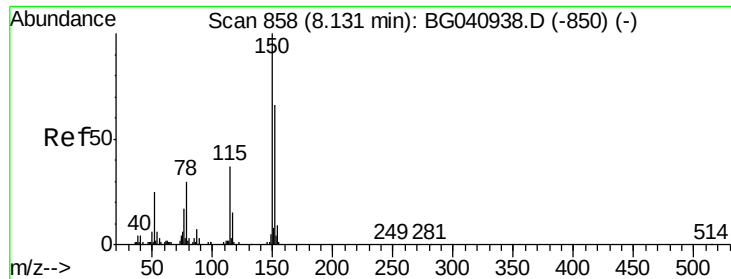
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061319\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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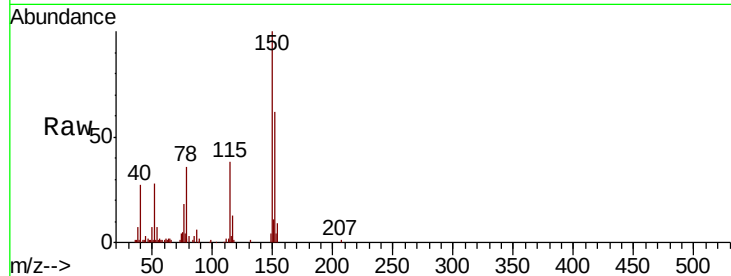


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	120.6	180.8
115	60.7	45.1	67.7

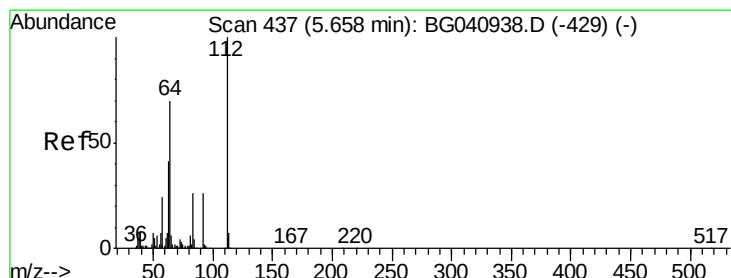
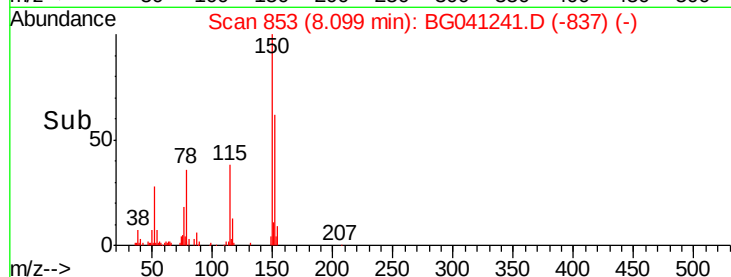
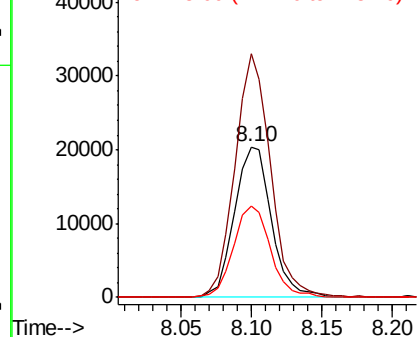


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

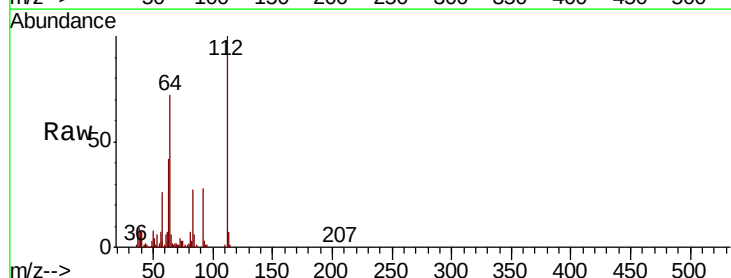
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.304 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	56.2	84.2
63	41.9	32.8	49.2

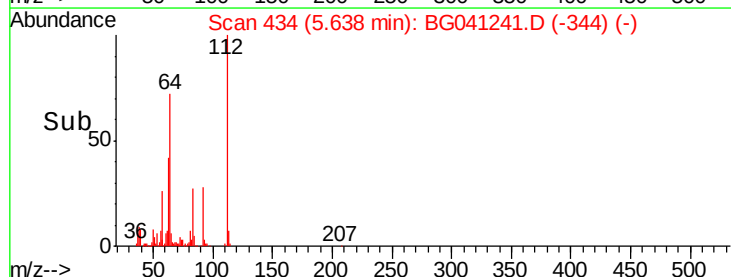
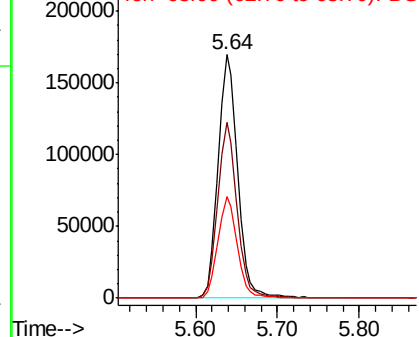


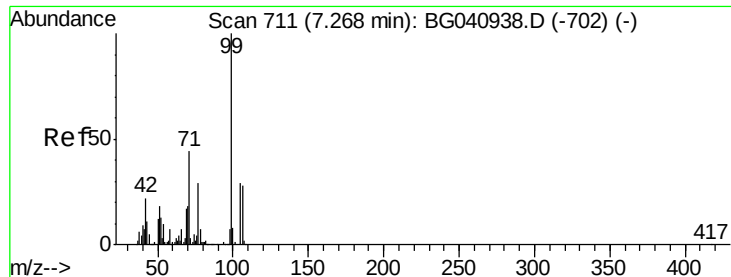
Abundance

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: 144.332 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

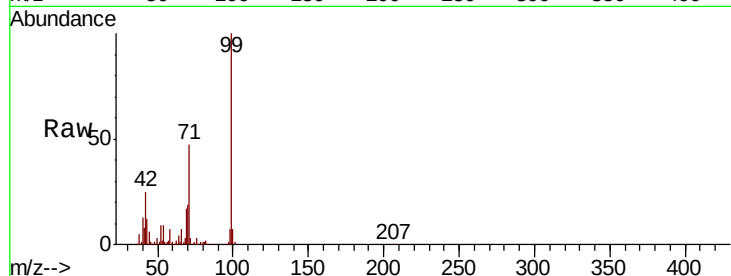
Tgt Ion: 99 Resp: 459517

Ion Ratio Lower Upper

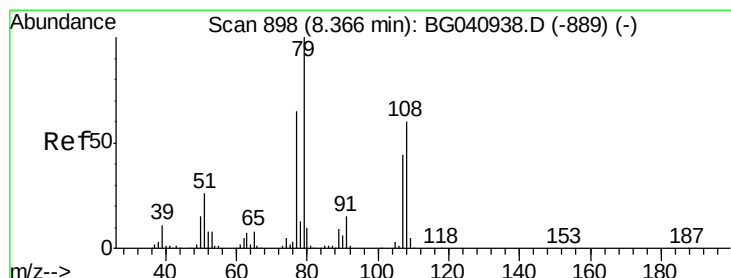
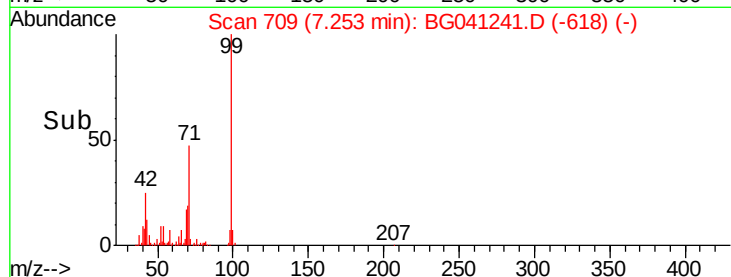
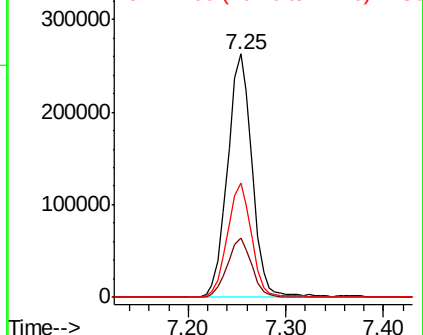
99 100

42 24.6 17.9 26.9

71 47.2 35.4 53.0



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



#15

Benzyl Alcohol

Concen: 2.129 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.08 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

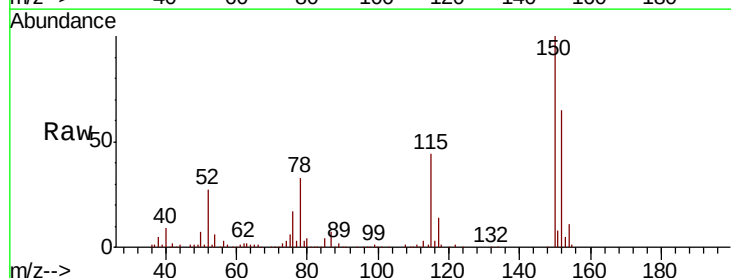
Tgt Ion: 79 Resp: 6269

Ion Ratio Lower Upper

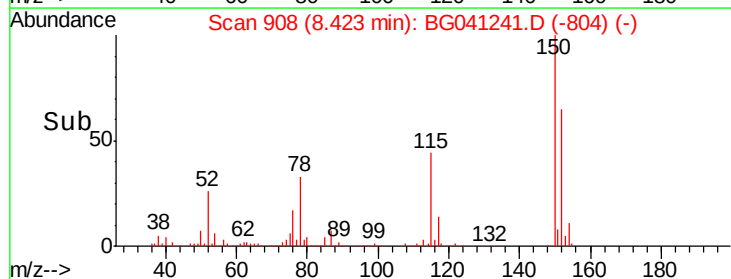
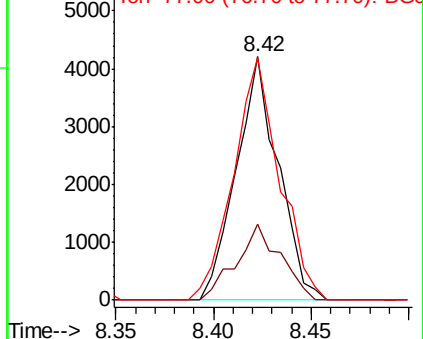
79 100

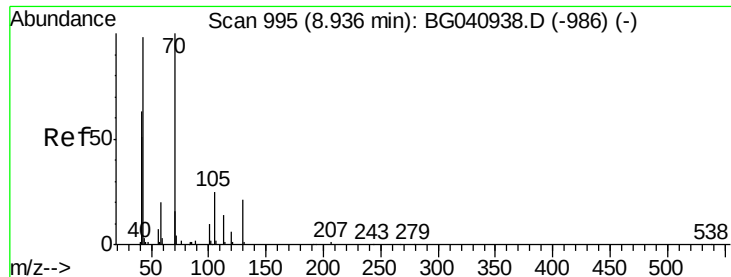
108 31.1 48.3 72.5#

77 99.3 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

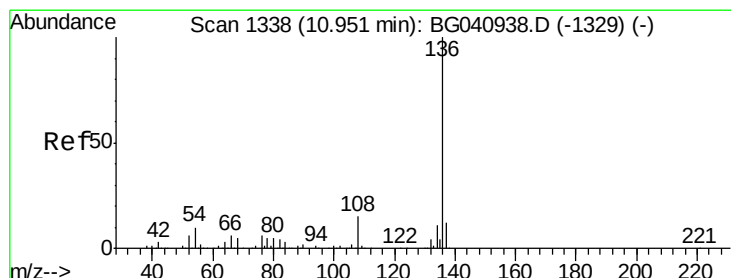
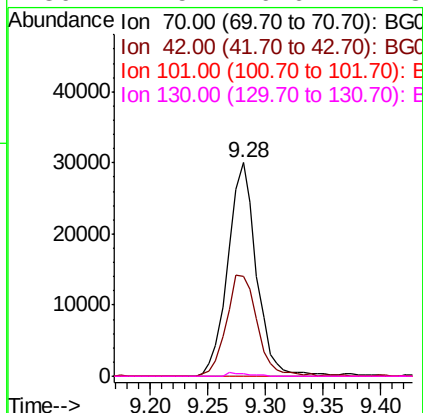
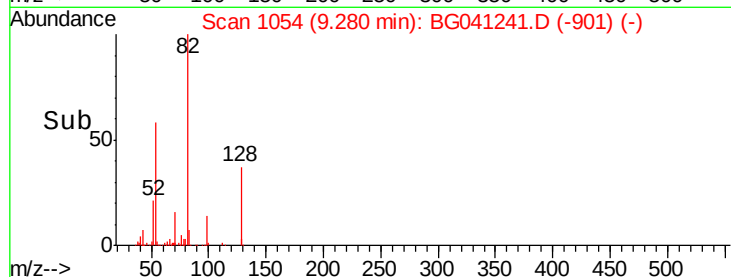
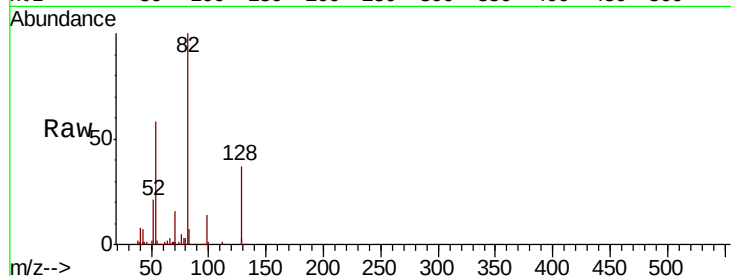




#19
n-Nitroso-di-n-propylamine
Concen: 21.068 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

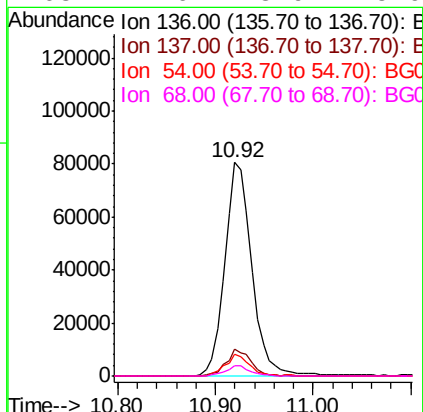
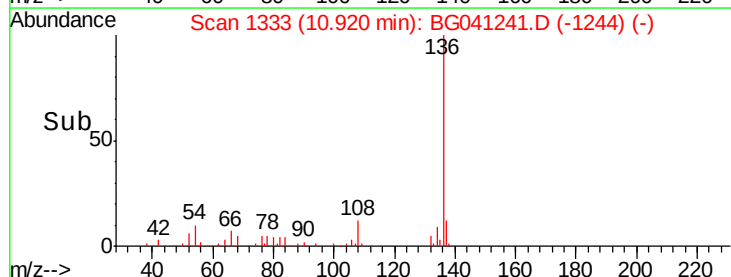
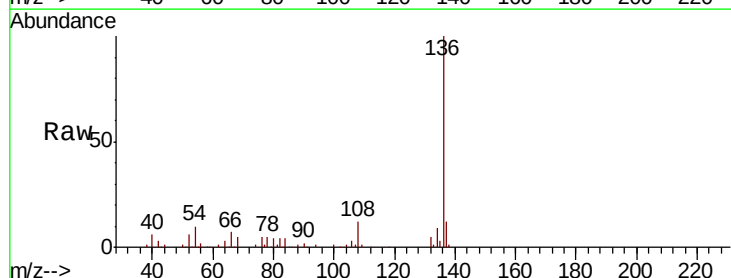
Instrument :
BNA_G
ClientSampleId :
DFTPP

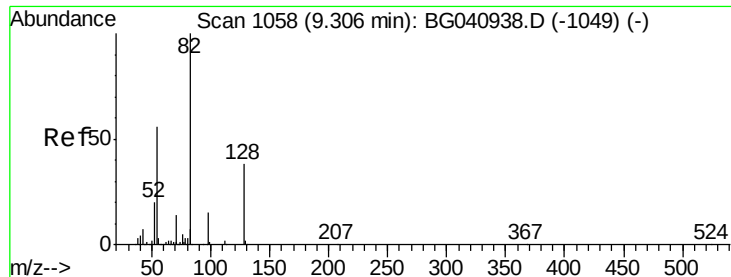
Tgt Ion:	70	Resp:	51619
Ion	Ratio	Lower	Upper
70	100		
42	46.9	51.5	77.3#
101	0.0	8.1	12.1#
130	1.5	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

Tgt Ion:	136	Resp:	154779
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	10.1	7.6	11.4
68	4.6	3.9	5.9

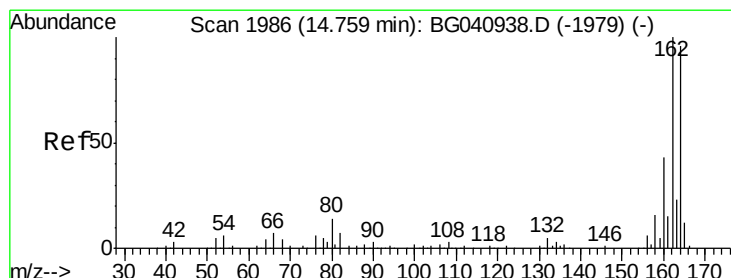
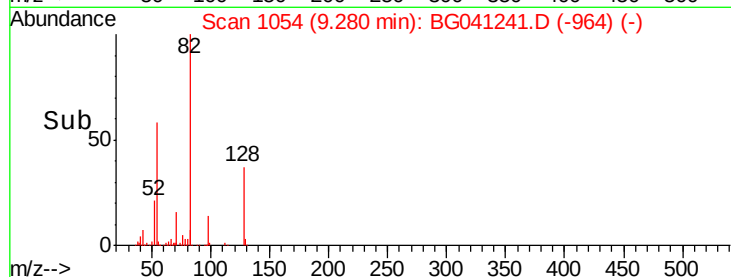
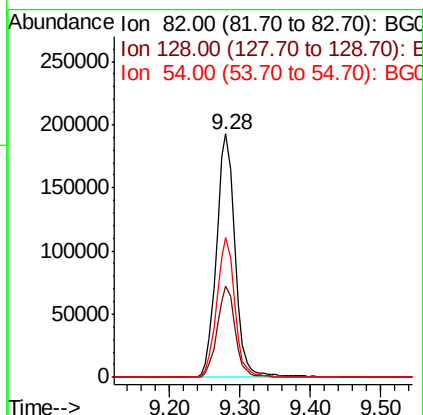
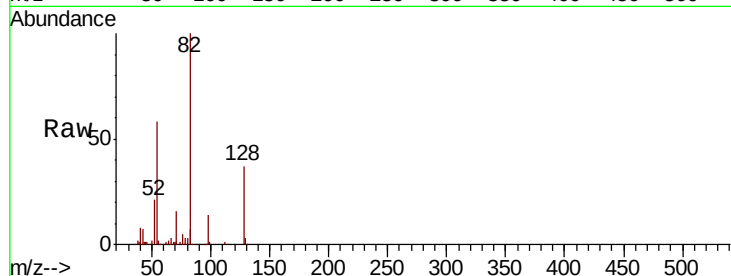




#23
Nitrobenzene-d5
Concen: 101.903 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

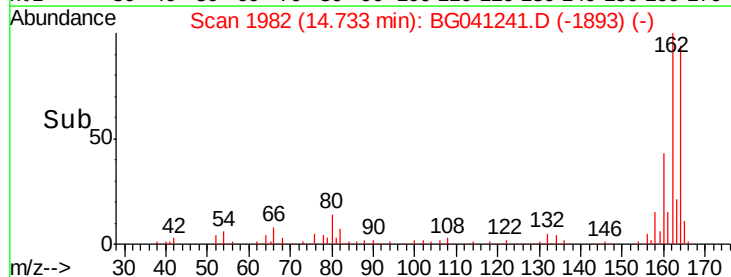
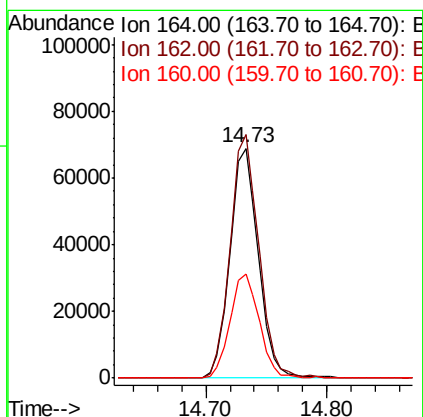
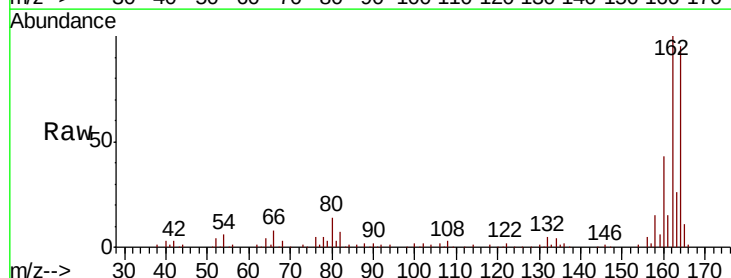
Instrument :
BNA_G
ClientSampleId :
DFTPP

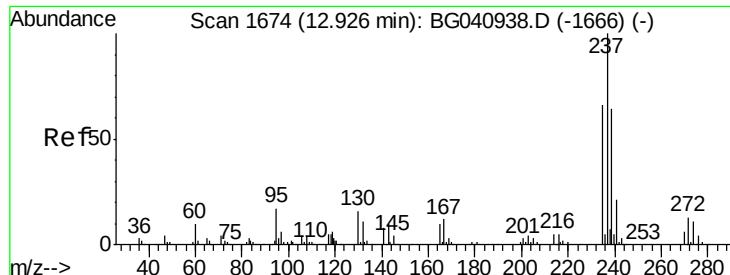
Tgt Ion: 82 Resp: 355285
Ion Ratio Lower Upper
82 100
128 37.4 30.5 45.7
54 57.6 44.6 66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

Tgt Ion: 164 Resp: 112771
Ion Ratio Lower Upper
164 100
162 105.8 83.0 124.4
160 45.3 35.6 53.4





#41

Hexachlorocyclopentadiene

Concen: 8.256 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.18 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

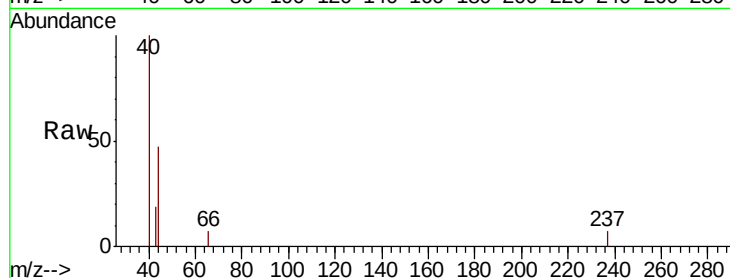
Tgt Ion: 237 Resp: 57

Ion Ratio Lower Upper

237 100

235 0.0 45.5 85.5#

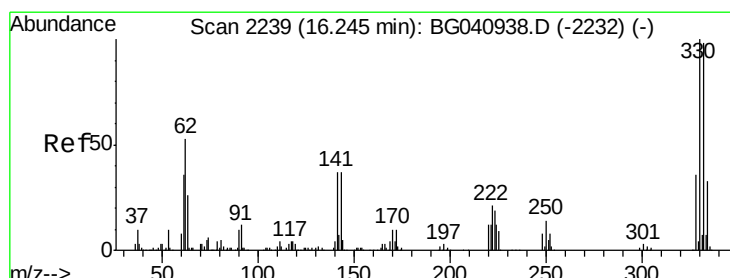
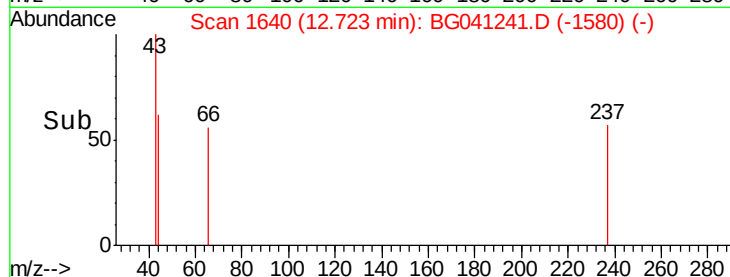
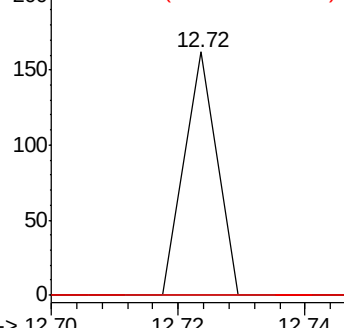
272 0.0 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.264 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

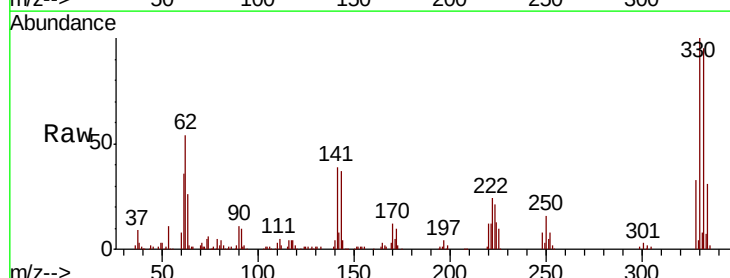
Tgt Ion: 330 Resp: 197993

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

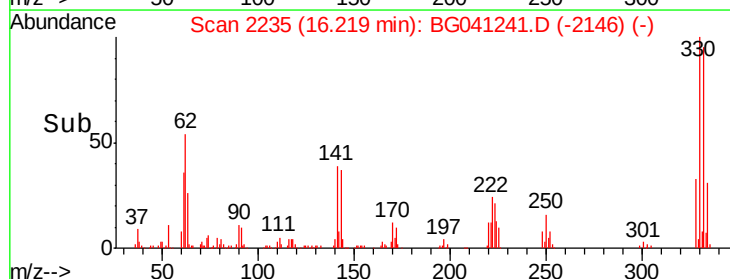
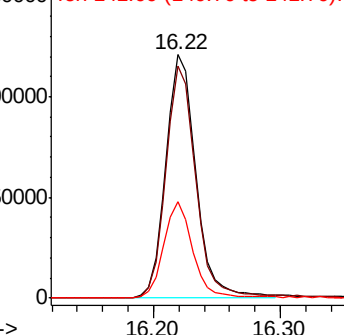
141 38.6 28.7 43.1

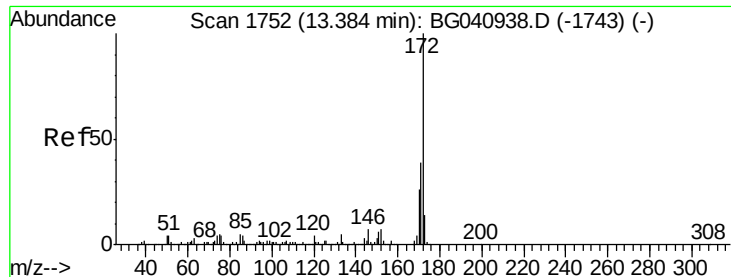


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

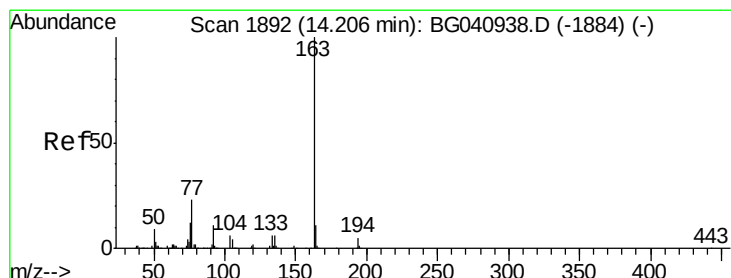
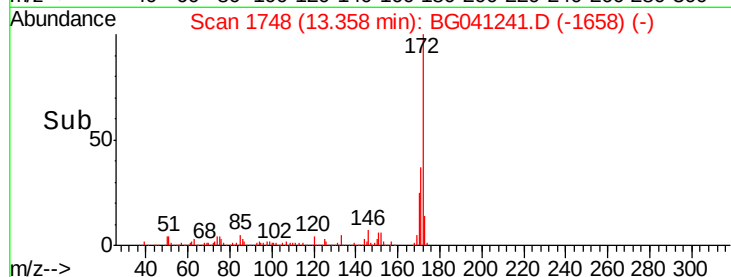
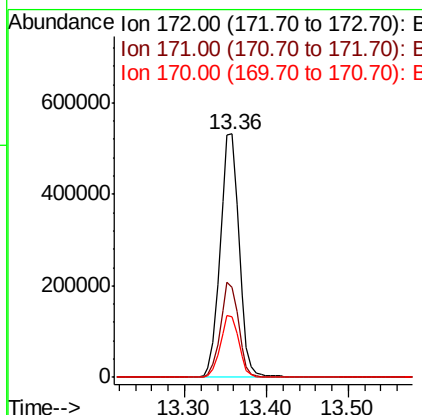
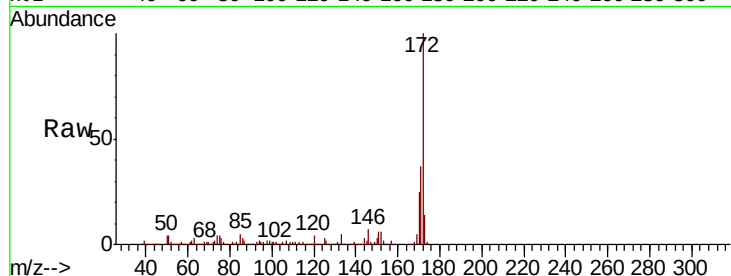




#45
2-Fluorobiphenyl
Concen: 109.750 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

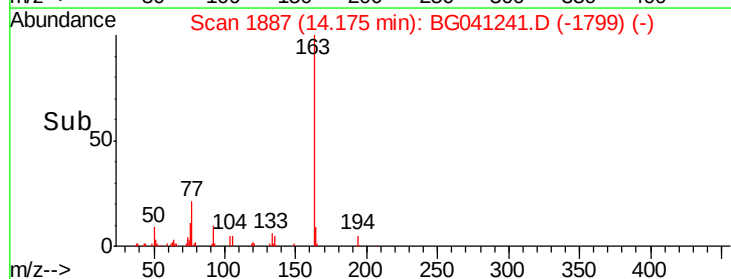
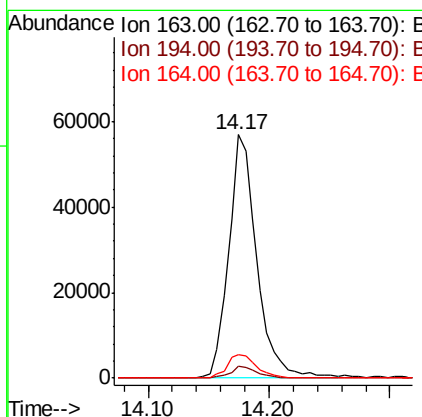
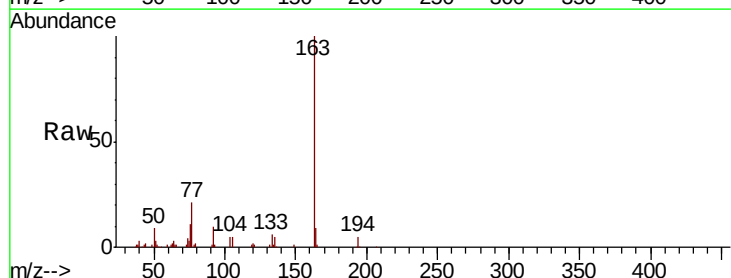
Instrument :
BNA_G
ClientSampleId :
DFTPP

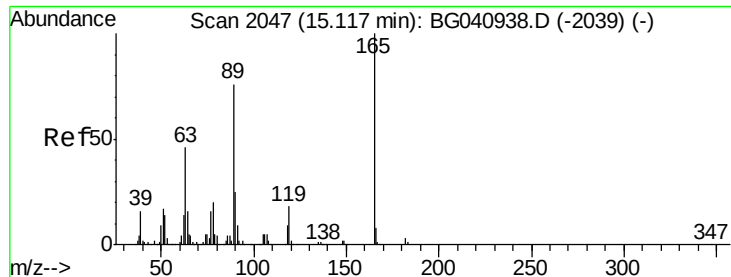
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.1	46.7
170	25.0	20.5	30.7



#50
Dimethylphthalate
Concen: 9.641 ng
RT: 14.17 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	9.4	8.7	13.1

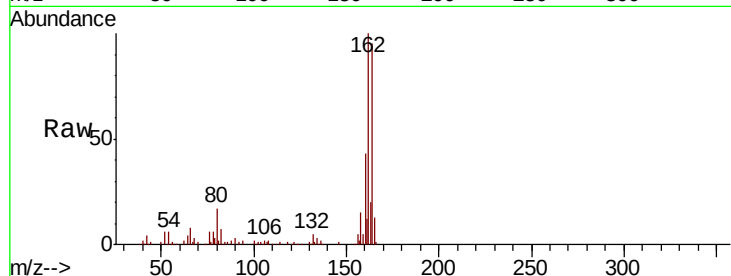




#57
 2,4-Dinitrotoluene
 Concen: 4.761 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.37 min
 Lab File: BG041241.D
 Acq: 14 Jun 2019 4:24

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	61.0	91.6#
182	0.0	2.2	3.2#

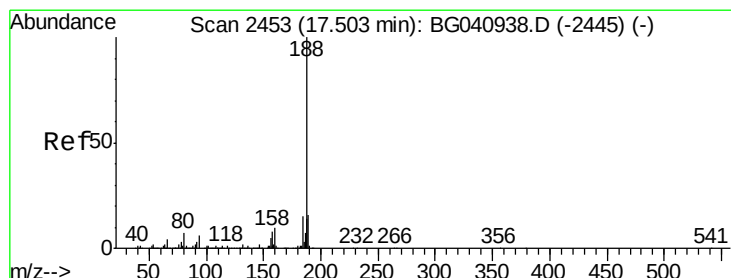
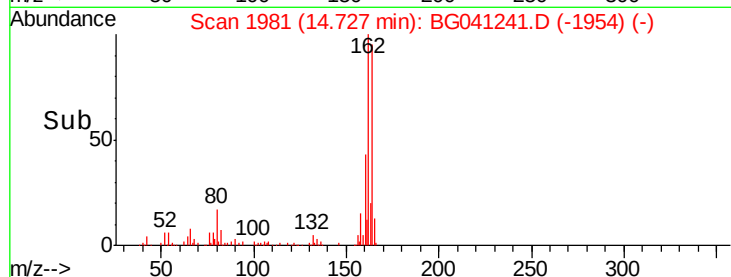
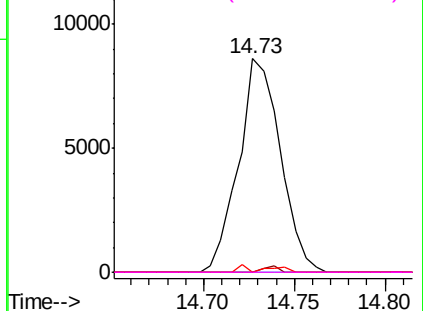


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

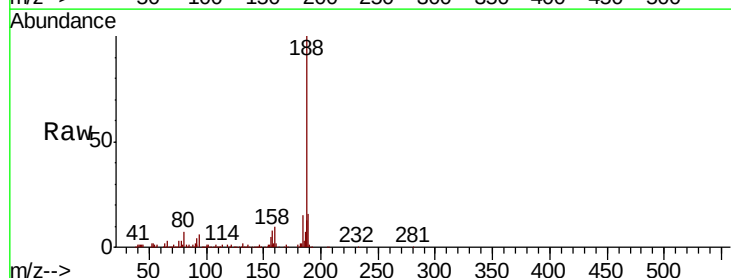
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG041241.D
 Acq: 14 Jun 2019 4:24

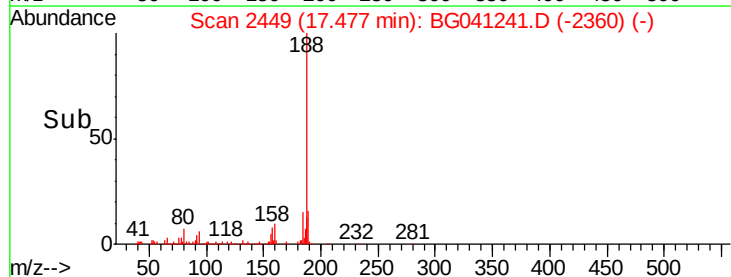
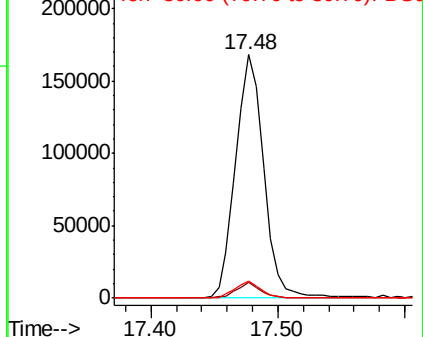
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.7	7.1
80	7.1	5.8	8.8

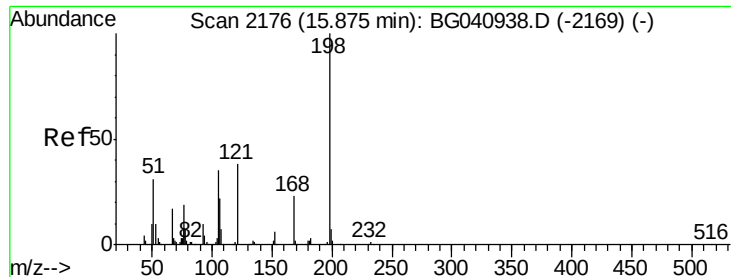


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.773 ng

RT: 16.22 min Scan# 2235

Delta R.T. 0.36 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

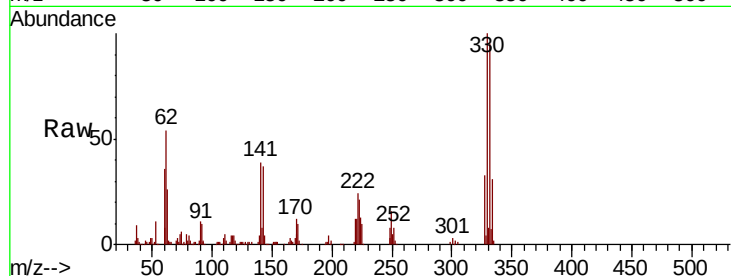
Tgt Ion:198 Resp: 310

Ion Ratio Lower Upper

198 100

51 148.3 21.6 61.6#

105 174.9 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

800

600

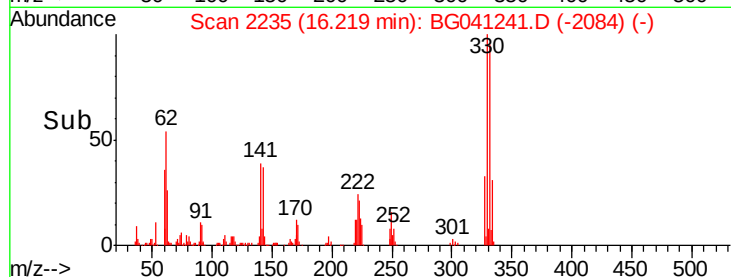
400

200

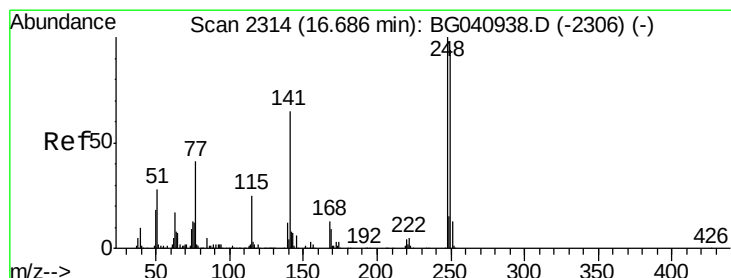
0

16.20 16.22 16.24

16.22



Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.541 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.44 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

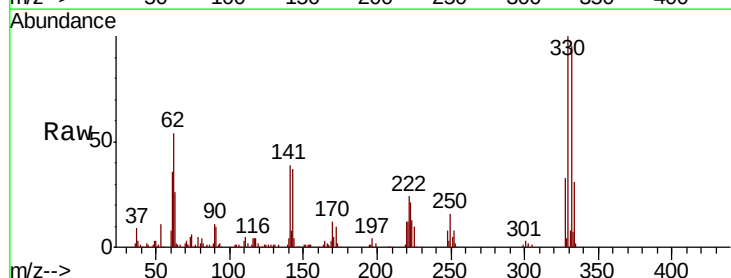
Tgt Ion:248 Resp: 15879

Ion Ratio Lower Upper

248 100

250 194.3 75.0 112.4#

141 473.3 52.4 78.6#



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

60000

50000

40000

30000

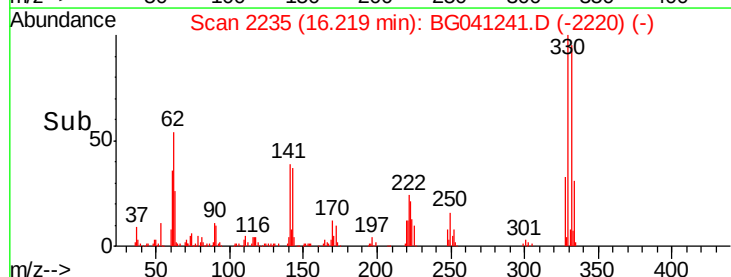
20000

10000

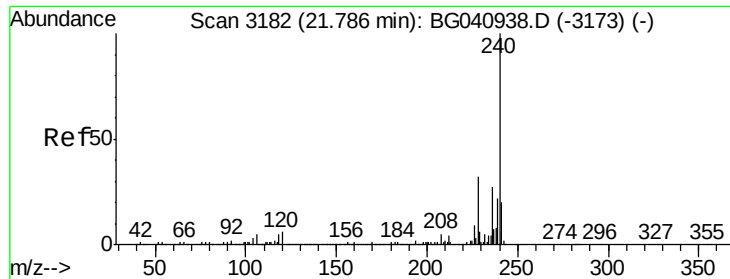
0

16.20 16.22 16.30

16.22



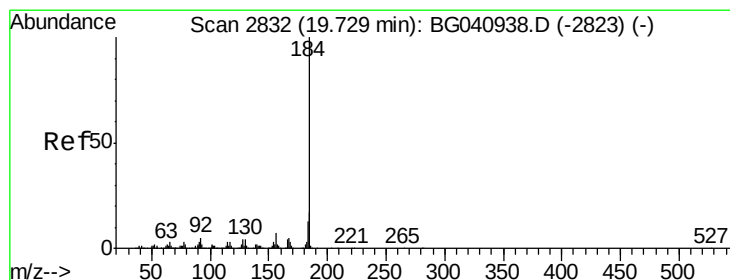
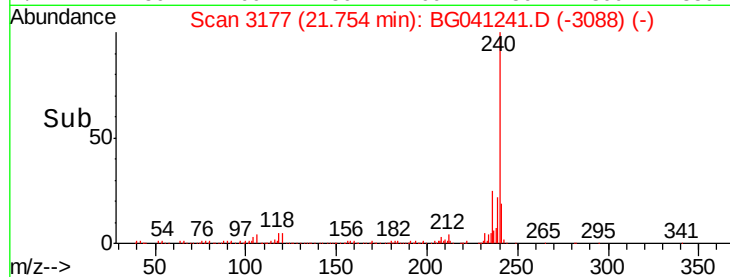
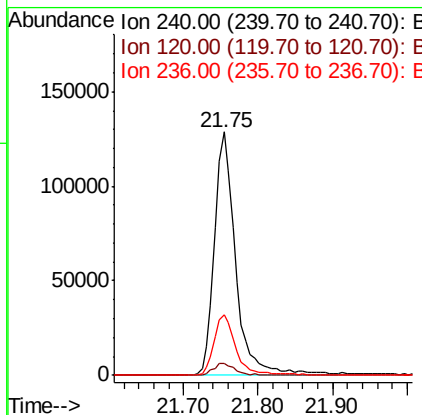
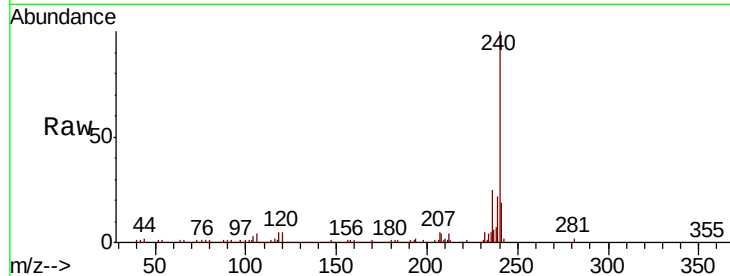
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

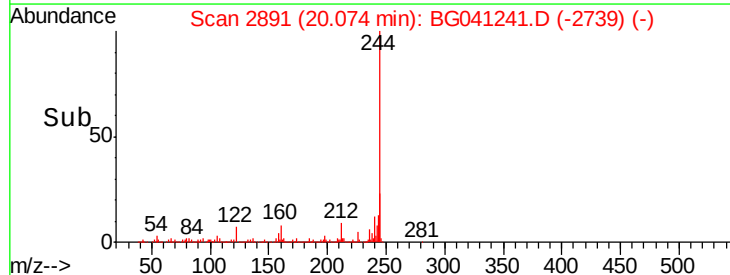
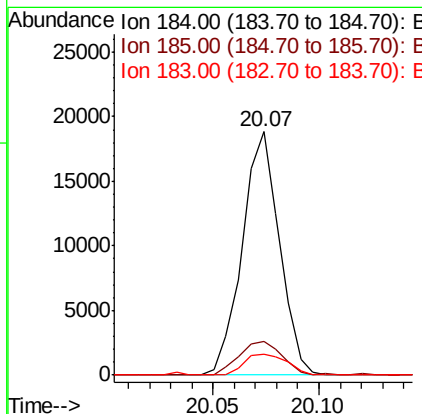
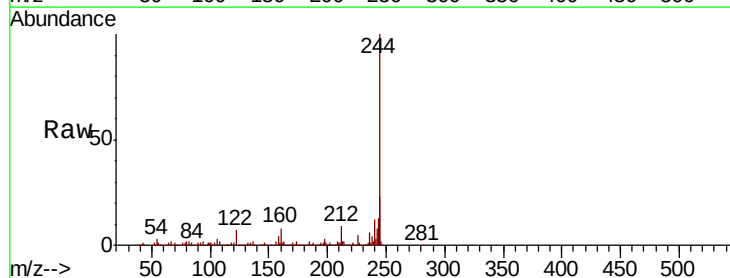
Instrument :
BNA_G
ClientSampleId :
DFTPP

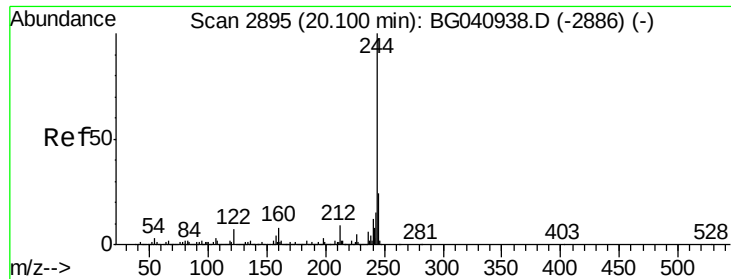
Tgt Ion:240 Resp: 255227
Ion Ratio Lower Upper
240 100
120 4.9 4.5 6.7
236 25.0 21.3 31.9



#77
Benzidine
Concen: 3.780 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.36 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

Tgt Ion:184 Resp: 23016
Ion Ratio Lower Upper
184 100
185 13.7 13.3 19.9
183 8.6 10.7 16.1#





#79

Terphenyl-d14

Concen: 111.520 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

DFTPP

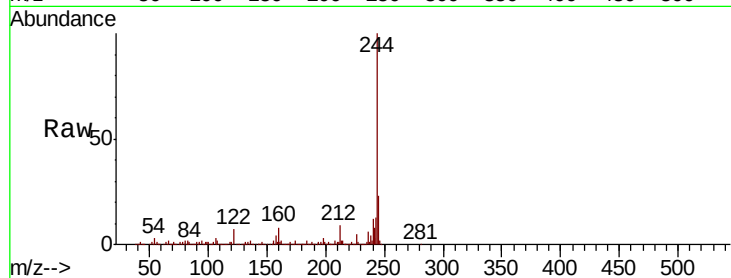
Tgt Ion:244 Resp: 1341107

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

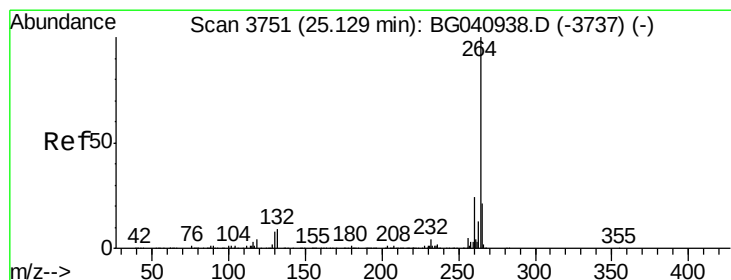
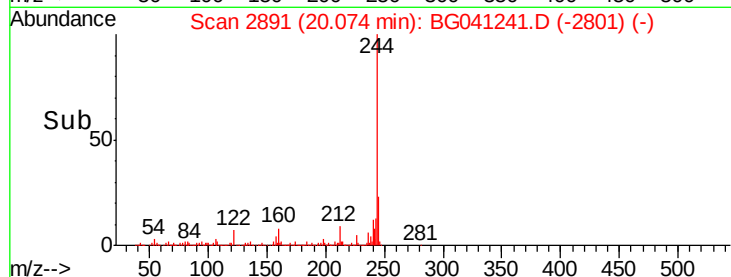
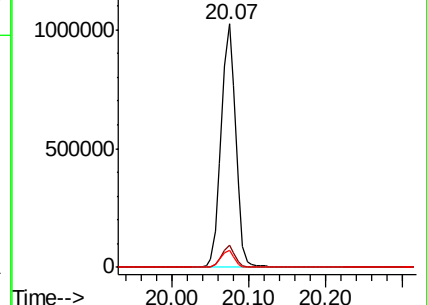
122 7.0 5.4 8.0



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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

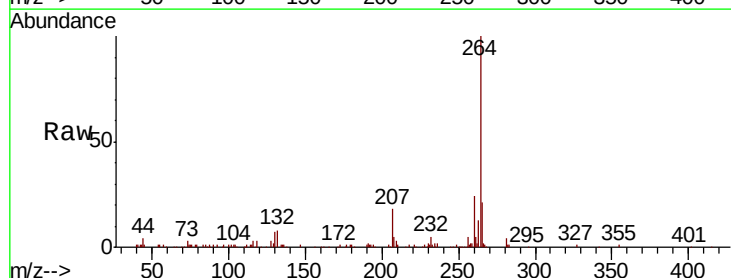
Tgt Ion:264 Resp: 193908

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 20.8 17.0 25.4



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

