

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043558.D
 Acq On : 8 Nov 2019 3:53
 Operator : JU
 Sample : PB124608BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Nov 08 05:02:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27523	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	99784	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	77903	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	199093	20.00	ng	0.00
76) Chrysene-d12	21.65	240	210432	20.00	ng	0.00
87) Perylene-d12	24.84	264	239819	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	156707	104.33	ng	0.02
7) Phenol-d6	7.21	99	153171	70.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	174487	90.15	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	189077	127.54	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	473508	83.99	ng	0.00
79) Terphenyl-d14	20.00	244	1059524	94.46	ng	0.00

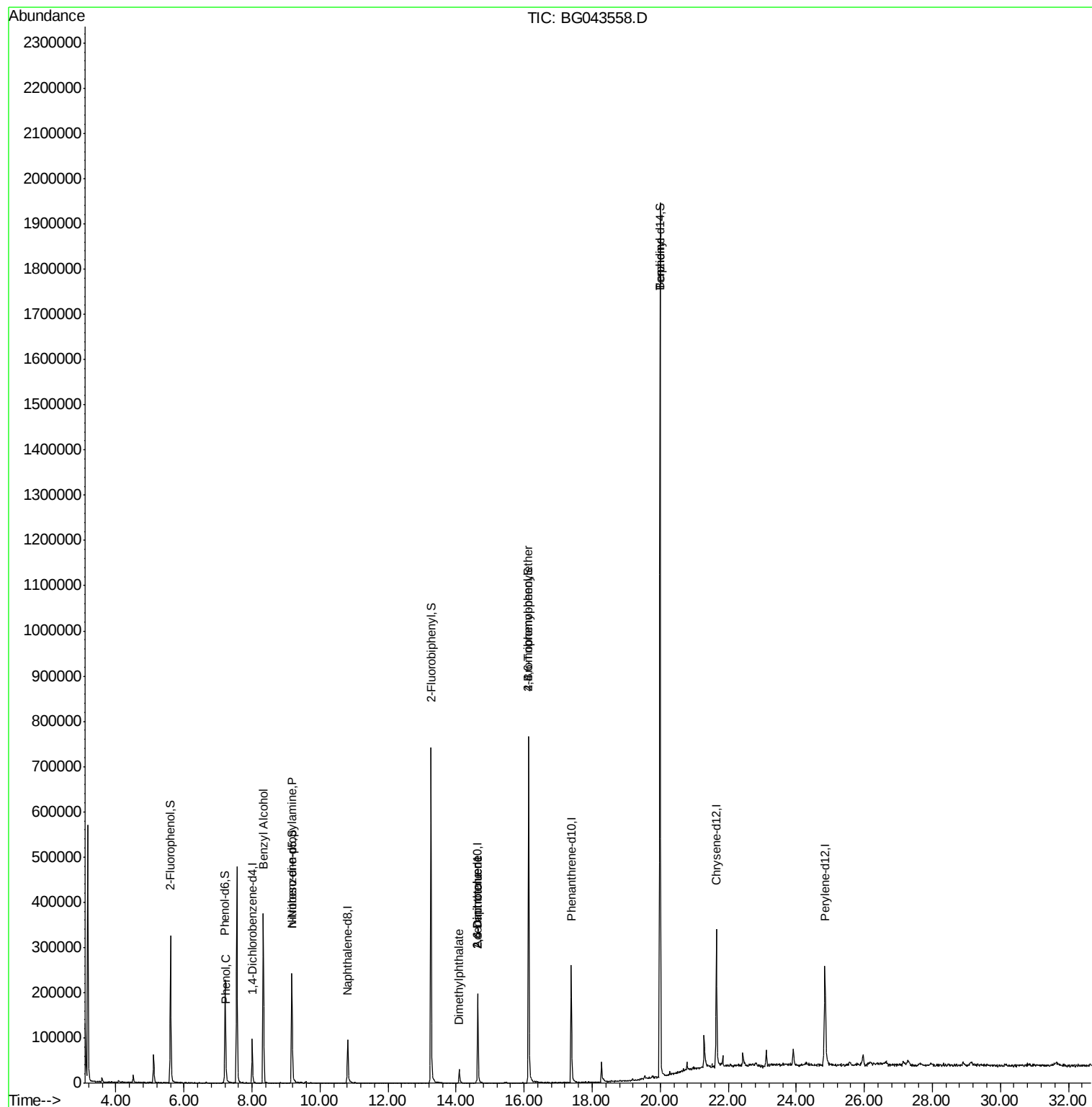
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.24	94	4840	2.451	ng	# 61
15) Benzyl Alcohol	8.33	79	3495	2.303	ng	# 42
19) n-Nitroso-di-n-propylamine	9.17	70	24016	17.199	ng	# 78
50) Dimethylphthalate	14.09	163	27571	4.569	ng	# 99
51) 2,6-Dinitrotoluene	14.64	165	10139	7.734	ng	# 22
57) 2,4-Dinitrotoluene	14.64	165	10139	5.412	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	12519	4.672	ng	# 1
77) Benzidine	20.00	184	15496	3.659	ng	# 84

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

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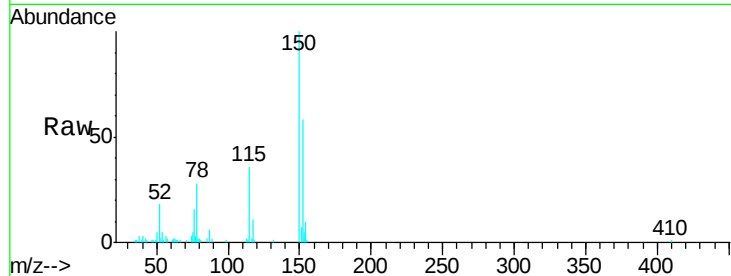


#1

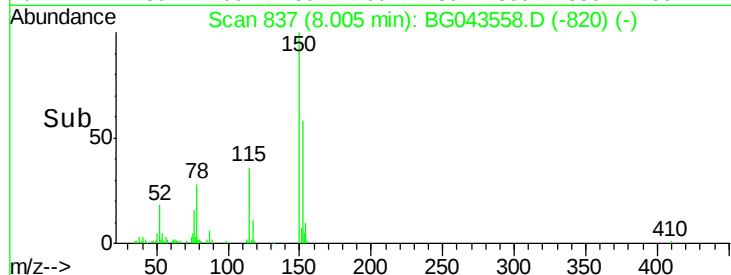
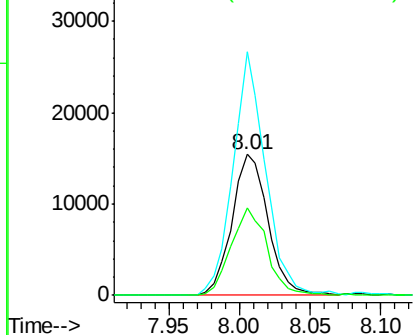
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 27523
Ion Ratio Lower Upper
152 100
150 173.0 129.4 194.0
115 61.9 48.8 73.2



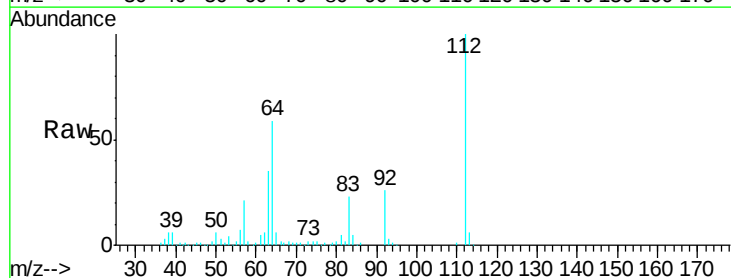
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



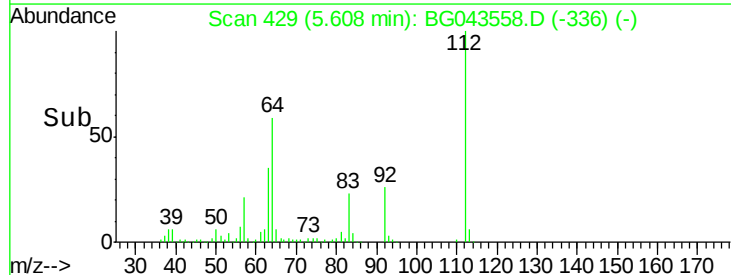
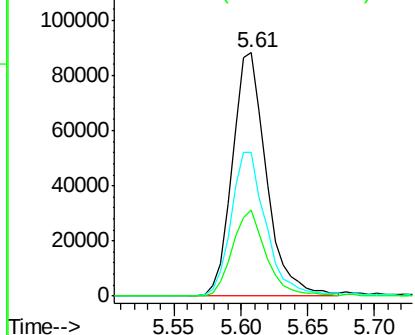
#5

2-Fluorophenol
Concen: 104.334 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Tgt Ion:112 Resp: 156707
Ion Ratio Lower Upper
112 100
64 59.0 50.0 75.0
63 35.4 26.6 40.0



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





#7

Phenol-d6

Concen: 70.880 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

Instrument :

BNA_G

ClientSampleId :

DFTPP

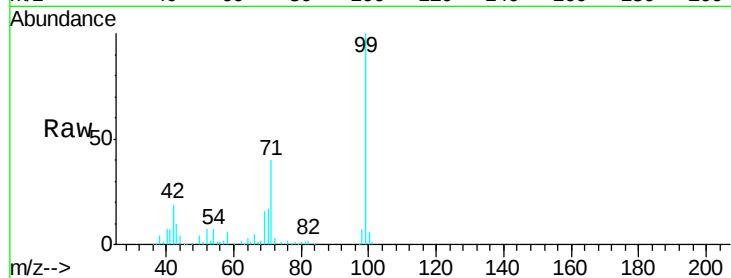
Tgt Ion: 99 Resp: 153171

Ion Ratio Lower Upper

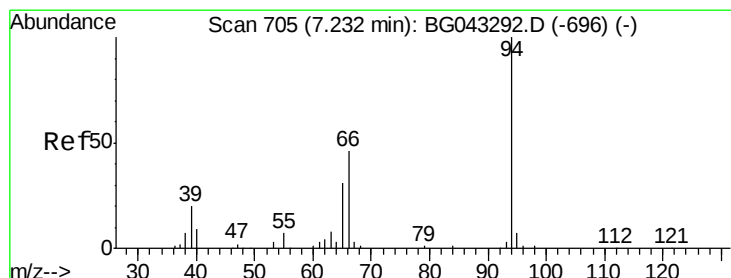
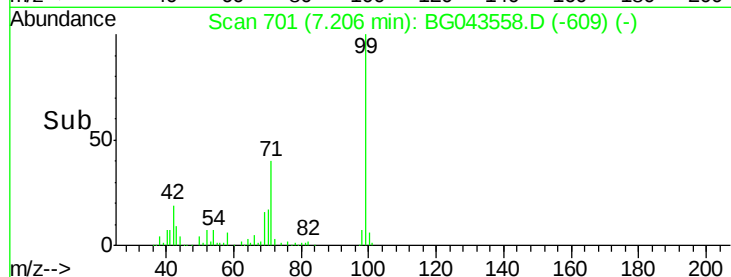
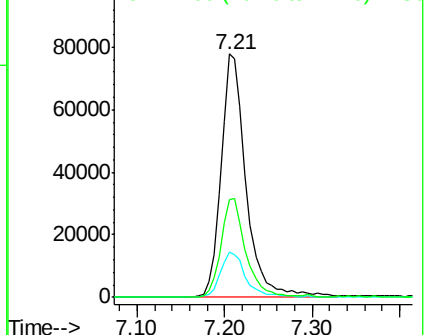
99 100

42 18.6 14.6 21.8

71 40.1 32.5 48.7



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



#10

Phenol

Concen: 2.451 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

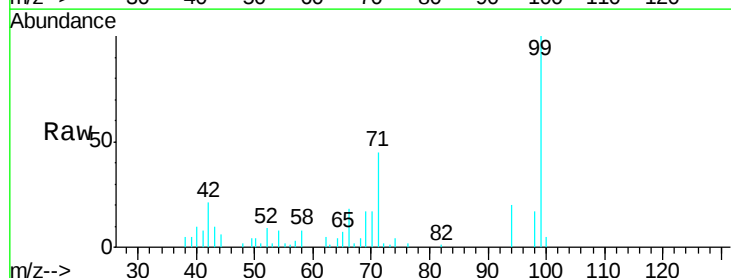
Tgt Ion: 94 Resp: 4840

Ion Ratio Lower Upper

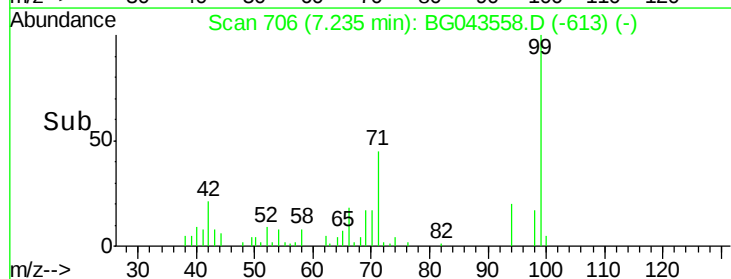
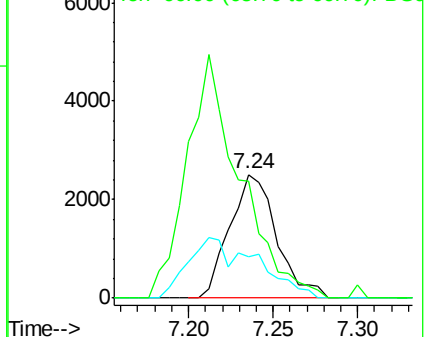
94 100

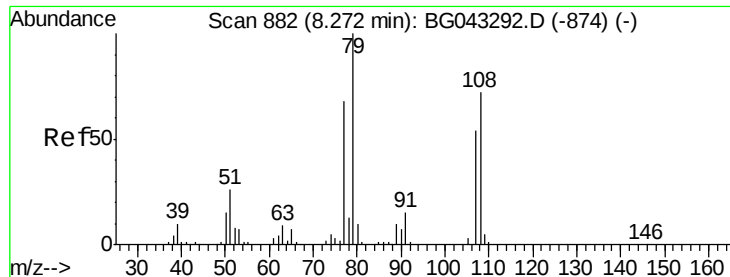
65 33.8 12.6 52.6

66 94.1 30.7 70.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.303 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.08 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

Instrument :

BNA_G

ClientSampleId :

DFTPP

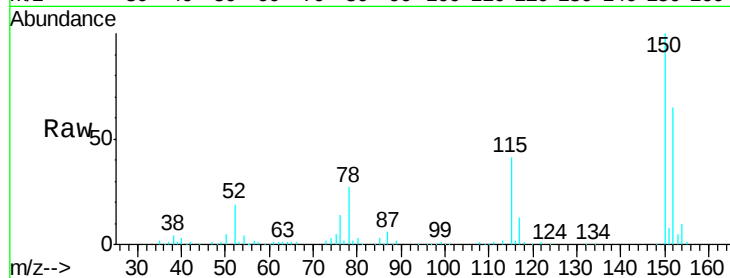
Tgt Ion: 79 Resp: 3495

Ion Ratio Lower Upper

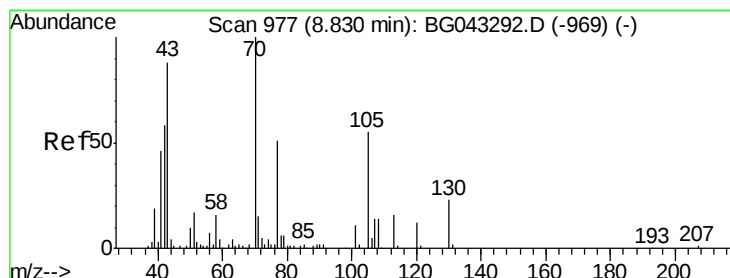
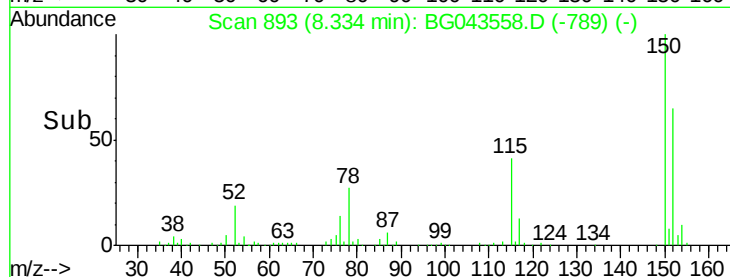
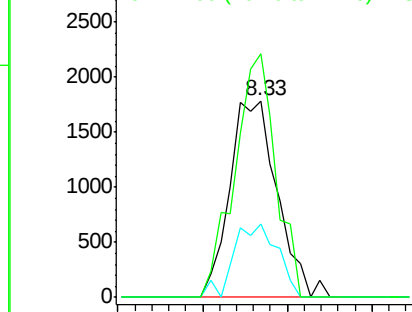
79 100

108 37.2 53.6 80.4#

77 124.1 49.6 74.4#



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: 17.199 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

Tgt Ion: 70 Resp: 24016

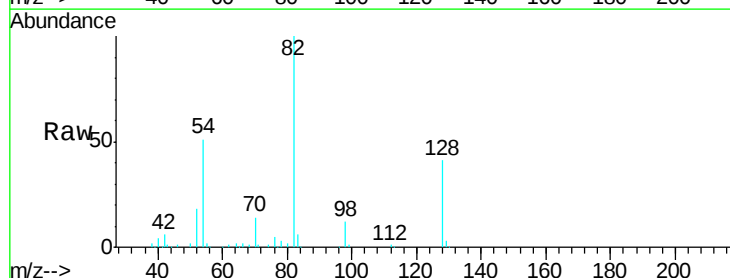
Ion Ratio Lower Upper

70 100

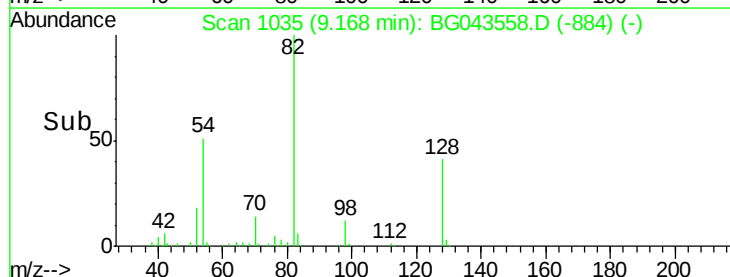
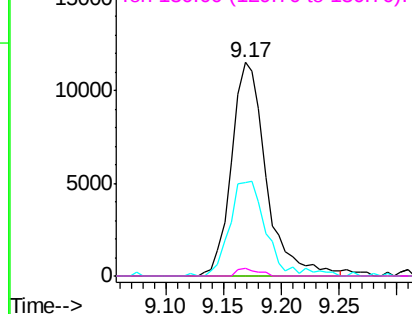
42 43.6 41.4 62.2

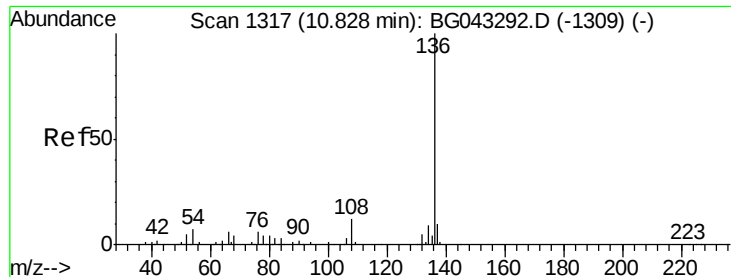
101 0.0 7.9 11.9#

130 3.6 19.0 28.4#



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

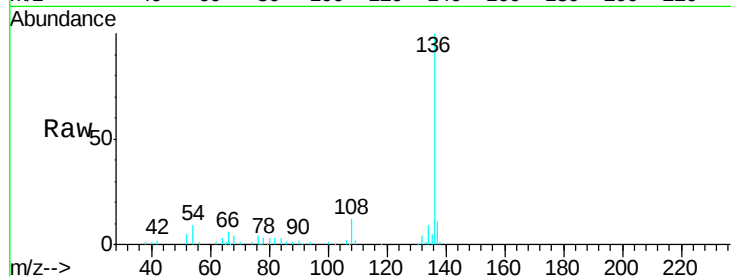




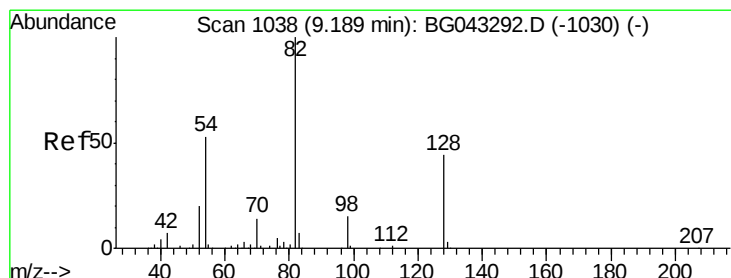
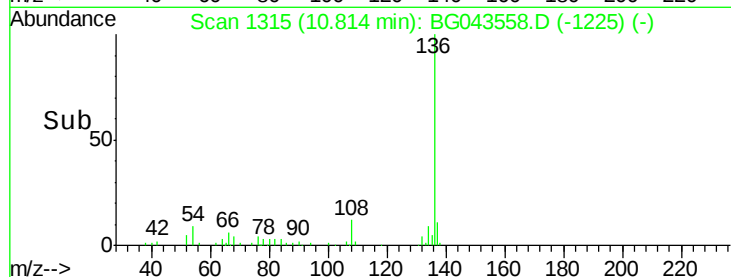
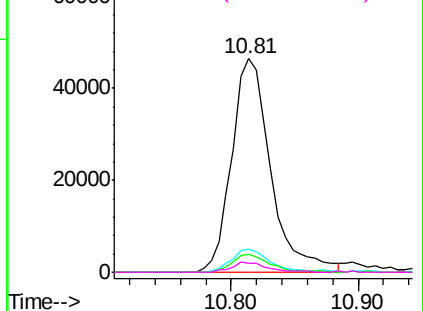
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Instrument :
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DFTPP

Tgt Ion:	136	Resp:	99784
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.7	5.4	8.2#
68	4.0	3.0	4.4

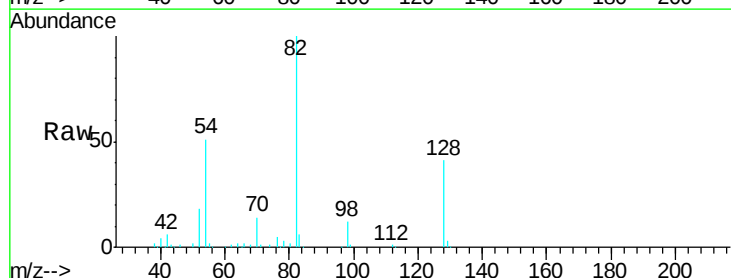


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

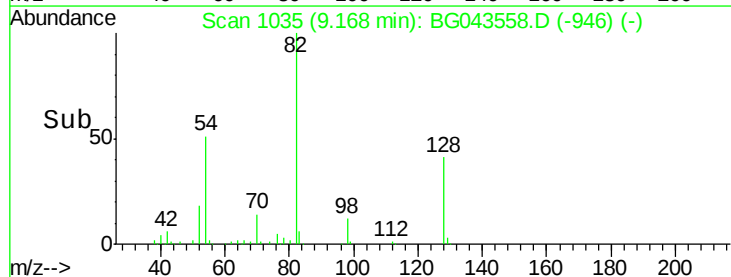
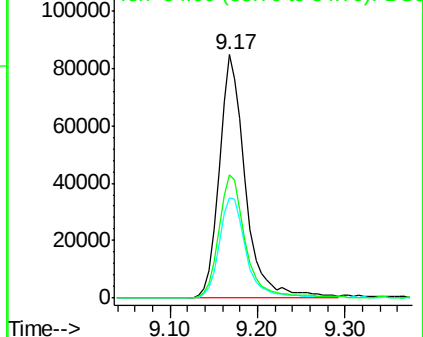


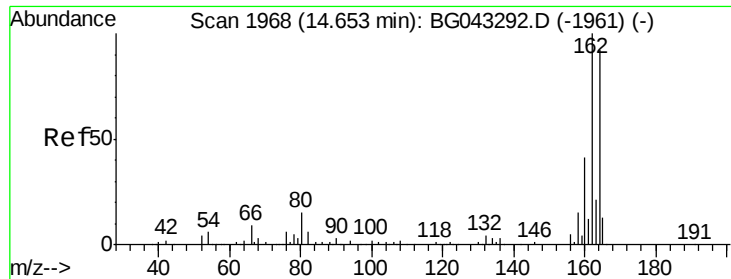
#23
Nitrobenzene-d5
Concen: 90.151 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Tgt Ion:	82	Resp:	174487
Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.0	52.6
54	50.9	40.2	60.2



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

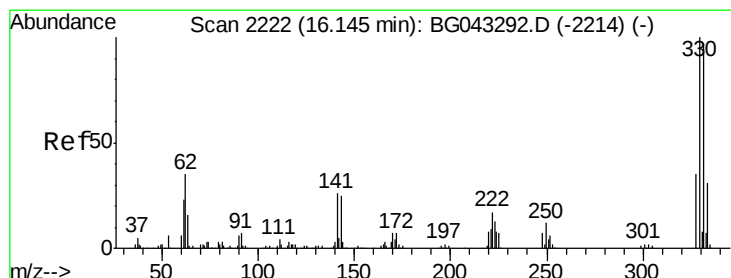
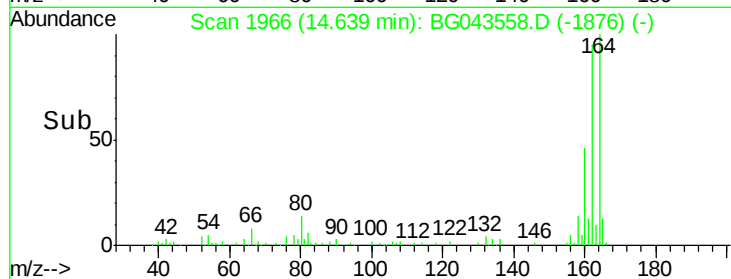
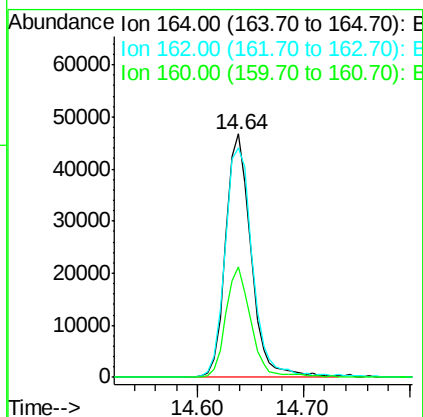
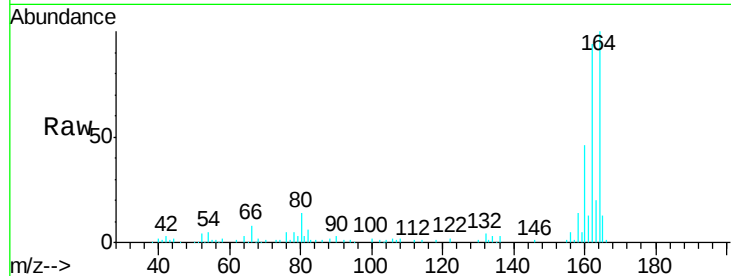




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

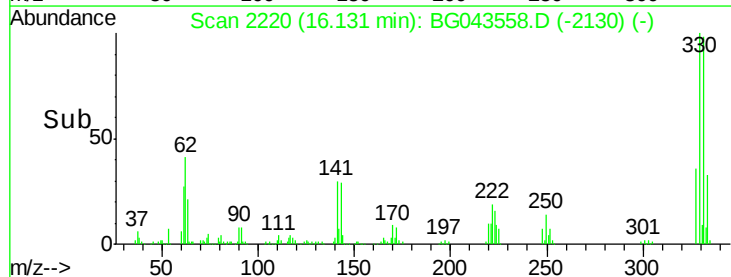
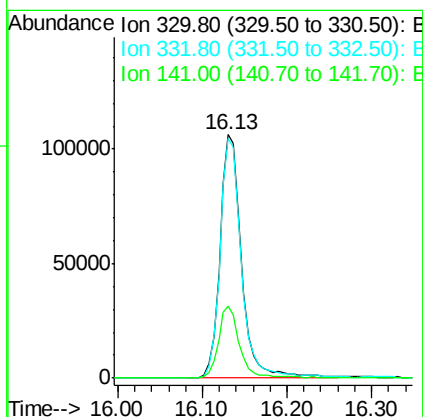
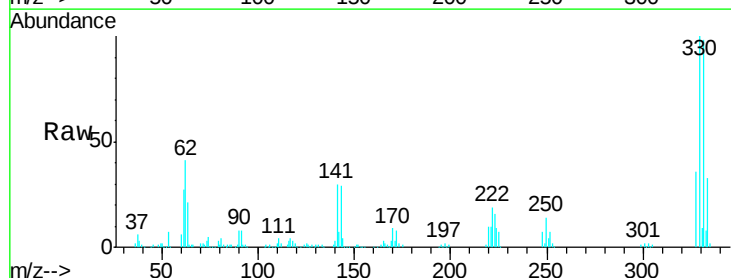
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DFTPP

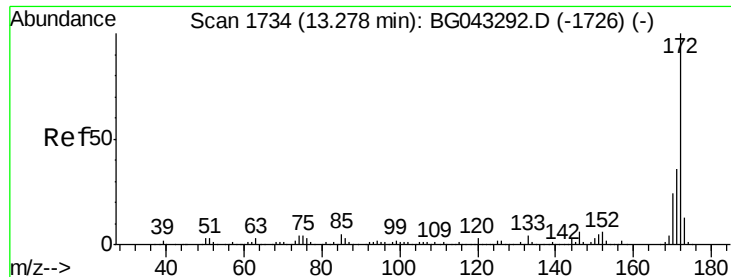
Tgt Ion:164 Resp: 77903
Ion Ratio Lower Upper
164 100
162 94.2 83.5 125.3
160 45.6 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 127.540 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Tgt Ion:330 Resp: 189077
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 28.4 22.8 34.2

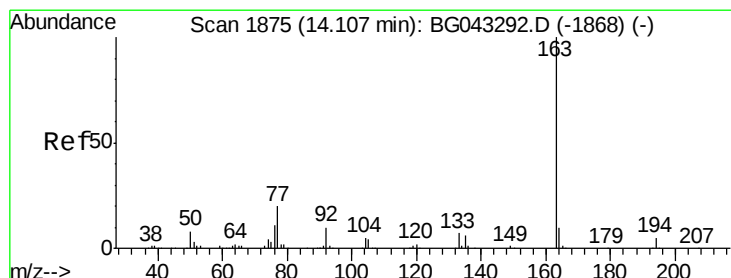
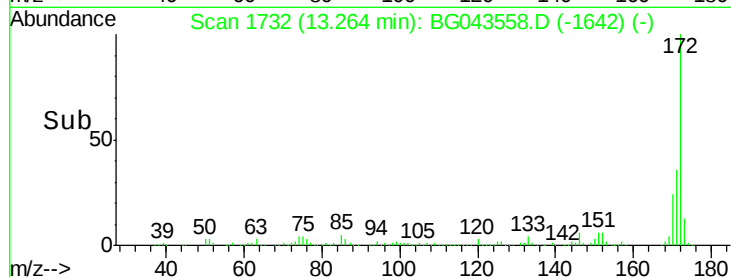
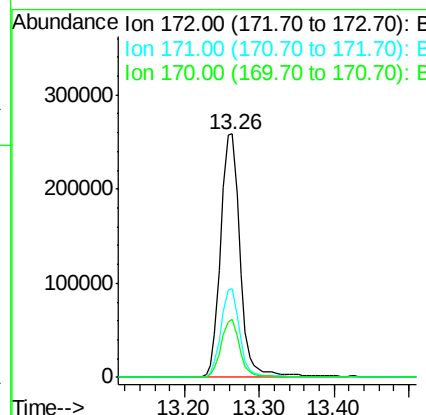
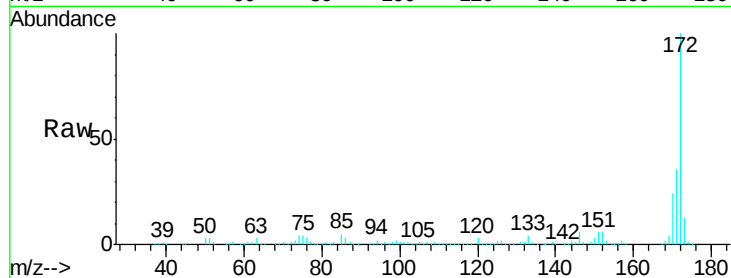




#45
 2-Fluorobiphenyl
 Concen: 83.988 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

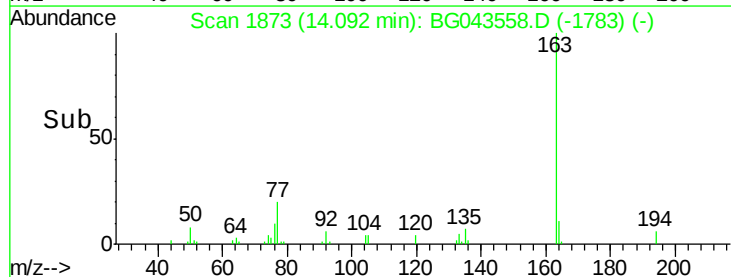
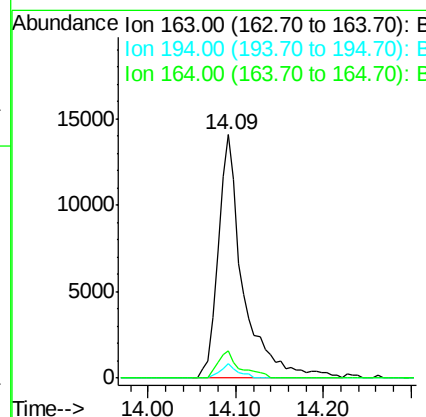
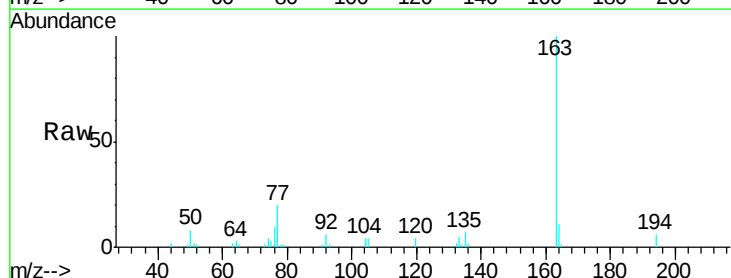
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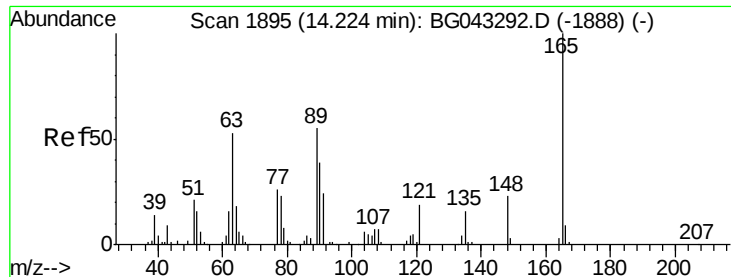
Tgt Ion:172 Resp: 473508
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 23.7 18.5 27.7



#50
 Dimethylphthalate
 Concen: 4.569 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Tgt Ion:163 Resp: 27571
 Ion Ratio Lower Upper
 163 100
 194 5.8 3.8 5.6#
 164 11.3 8.9 13.3

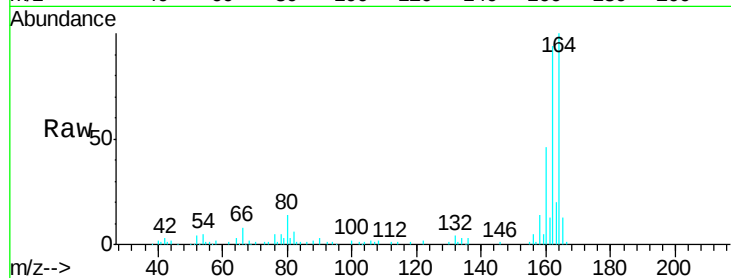




#51
 2,6-Dinitrotoluene
 Concen: 7.734 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.43 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

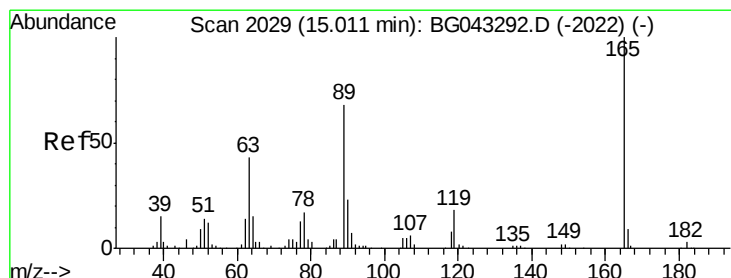
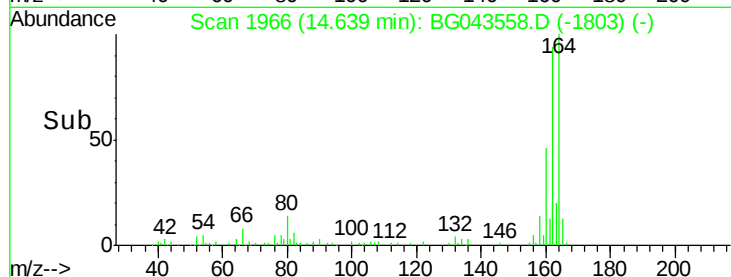
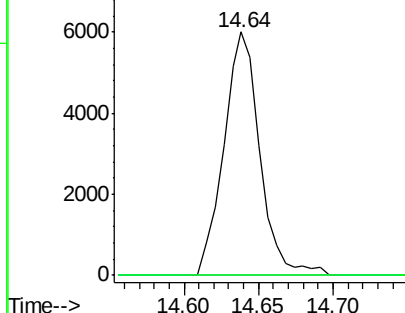
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	0.0	45.1	67.7#



Abundance Ion 165.00 (164.70 to 165.70): E

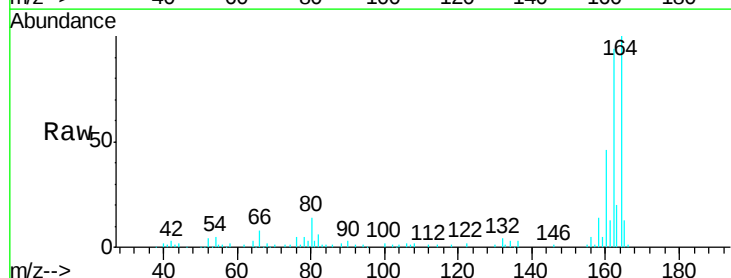
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.412 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.37 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#

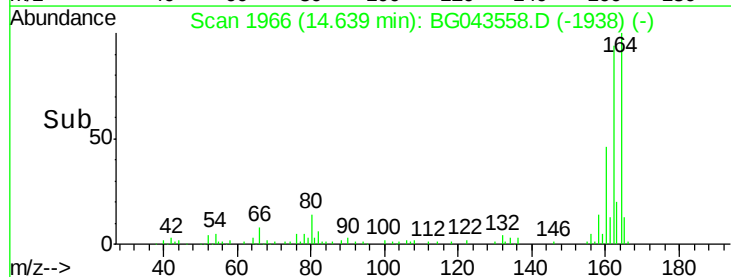
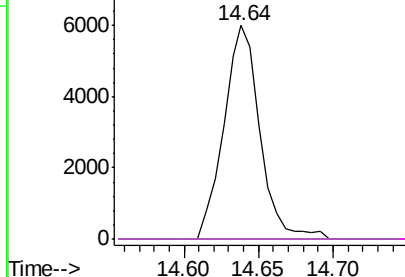


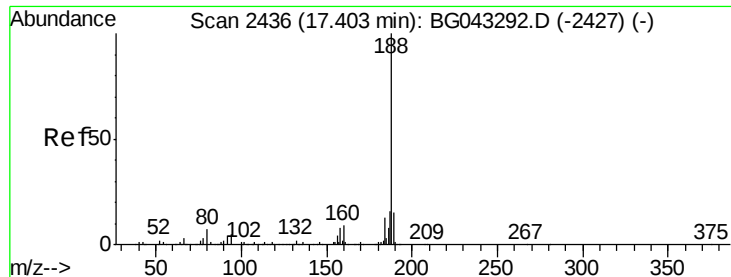
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

Instrument :

BNA_G

ClientSampleId :

DFTPP

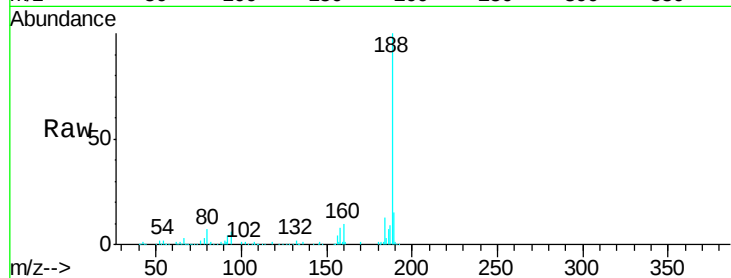
Tgt Ion:188 Resp: 199093

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

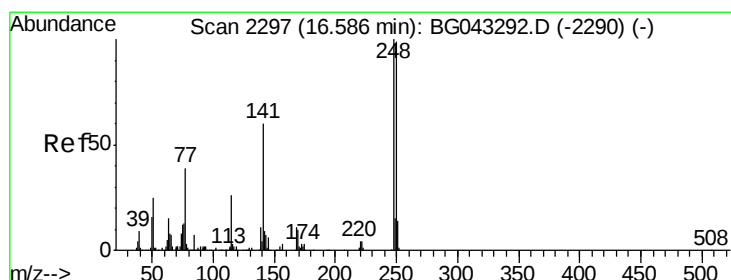
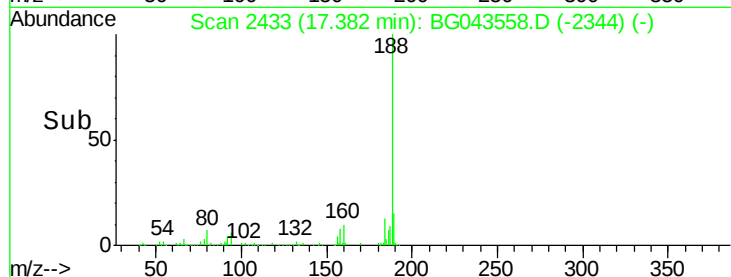
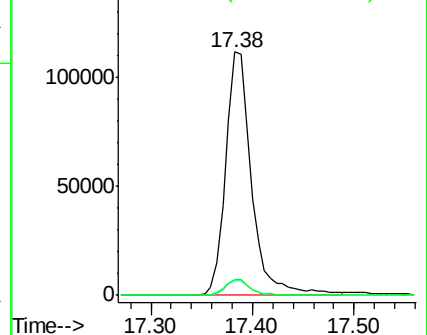
80 6.7 4.5 6.7



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: 4.672 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.44 min

Lab File: BG043558.D

Acq: 8 Nov 2019 3:53

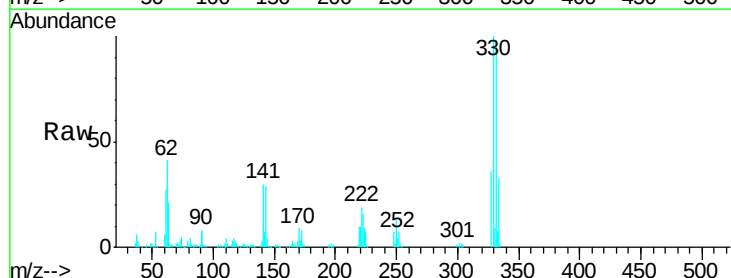
Tgt Ion:248 Resp: 12519

Ion Ratio Lower Upper

248 100

250 185.6 77.0 115.4#

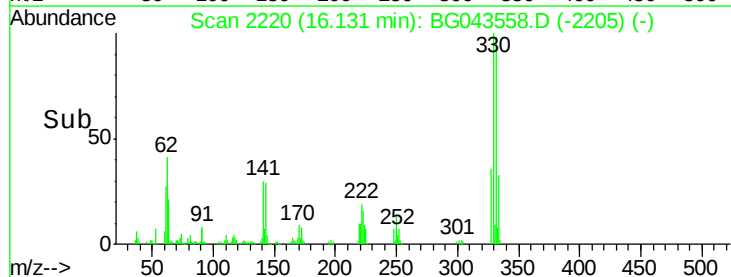
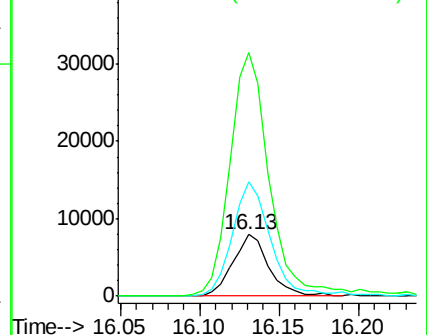
141 394.8 47.5 71.3#

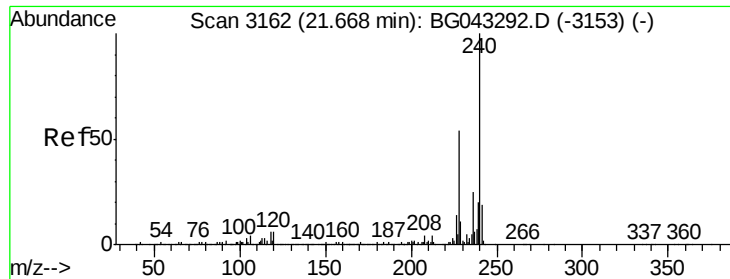


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

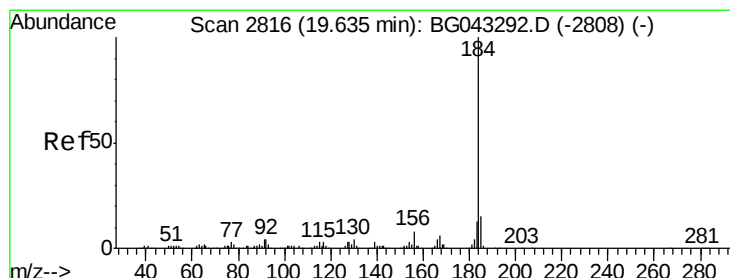
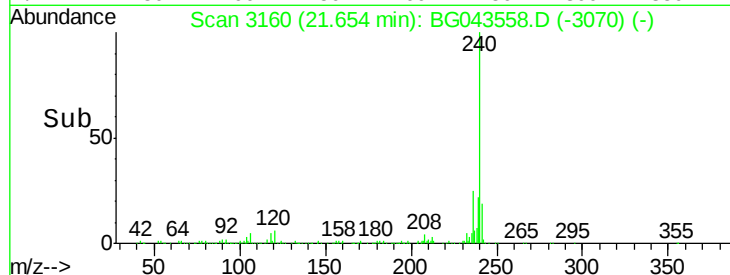
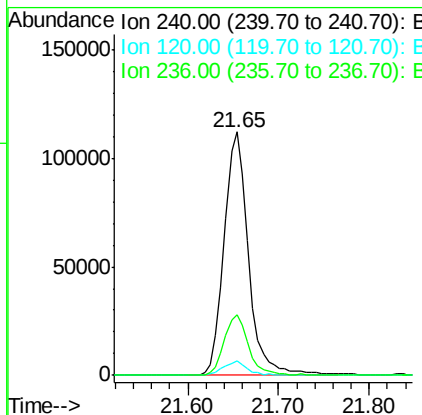
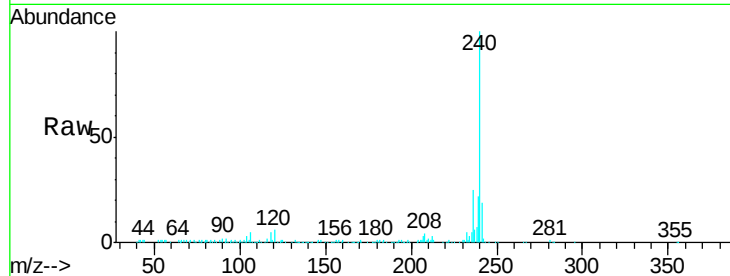




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

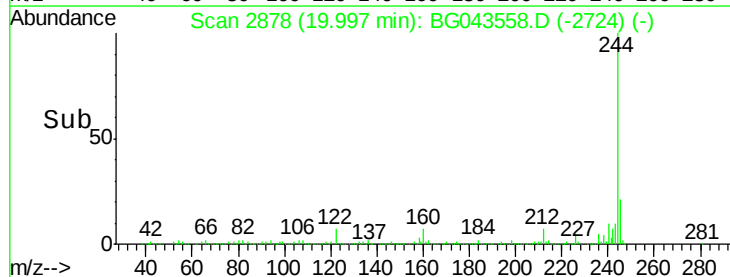
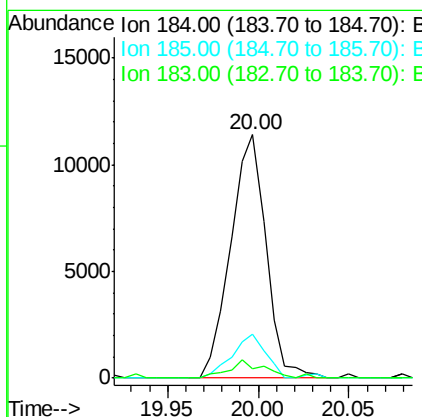
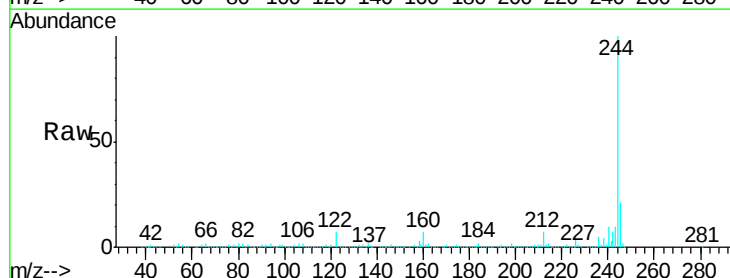
Instrument :
BNA_G
ClientSampleId :
DFTPP

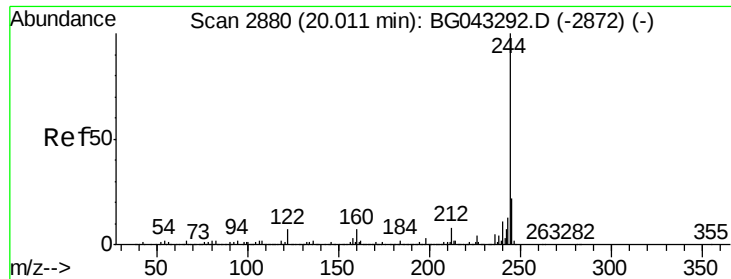
Tgt Ion:240 Resp: 210432
Ion Ratio Lower Upper
240 100
120 6.0 4.6 6.8
236 24.7 19.8 29.8



#77
Benzidine
Concen: 3.659 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.37 min
Lab File: BG043558.D
Acq: 8 Nov 2019 3:53

Tgt Ion:184 Resp: 15496
Ion Ratio Lower Upper
184 100
185 18.3 11.0 16.4#
183 4.1 10.0 15.0#

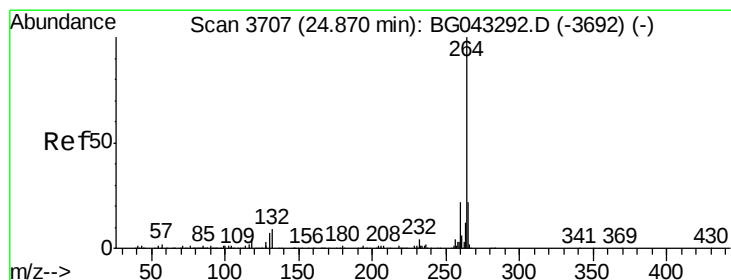
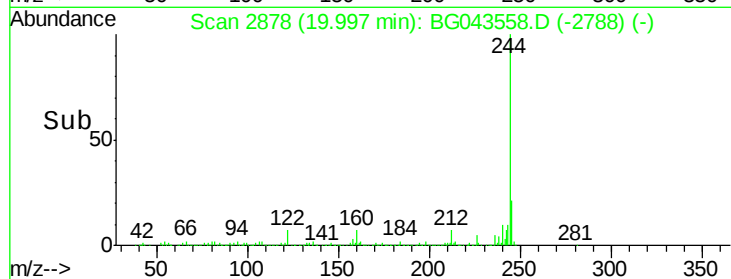
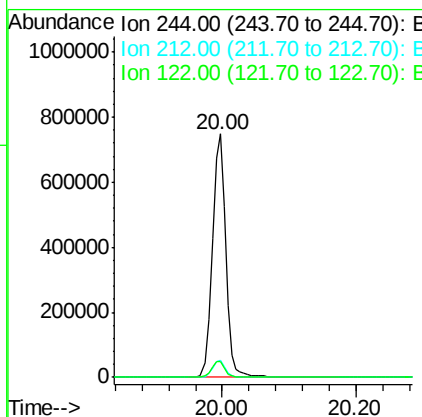
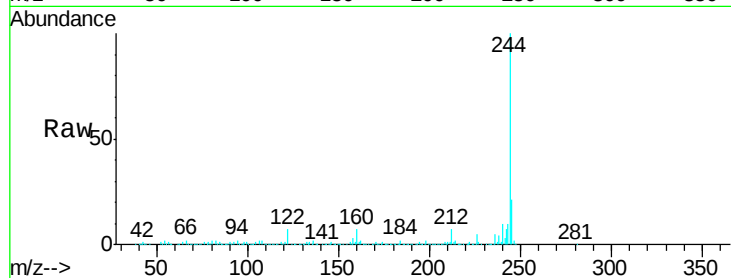




#79
 Terphenyl-d14
 Concen: 94.459 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:244 Resp: 1059524
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.7 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. -0.01 min
 Lab File: BG043558.D
 Acq: 8 Nov 2019 3:53

Tgt Ion:264 Resp: 239819
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.5 26.3
 265 22.4 17.4 26.0

