

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
 Data File : BG045869.D
 Acq On : 26 Jun 2020 12:03
 Operator : CG/JU
 Sample : L3101-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jun 26 13:33:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

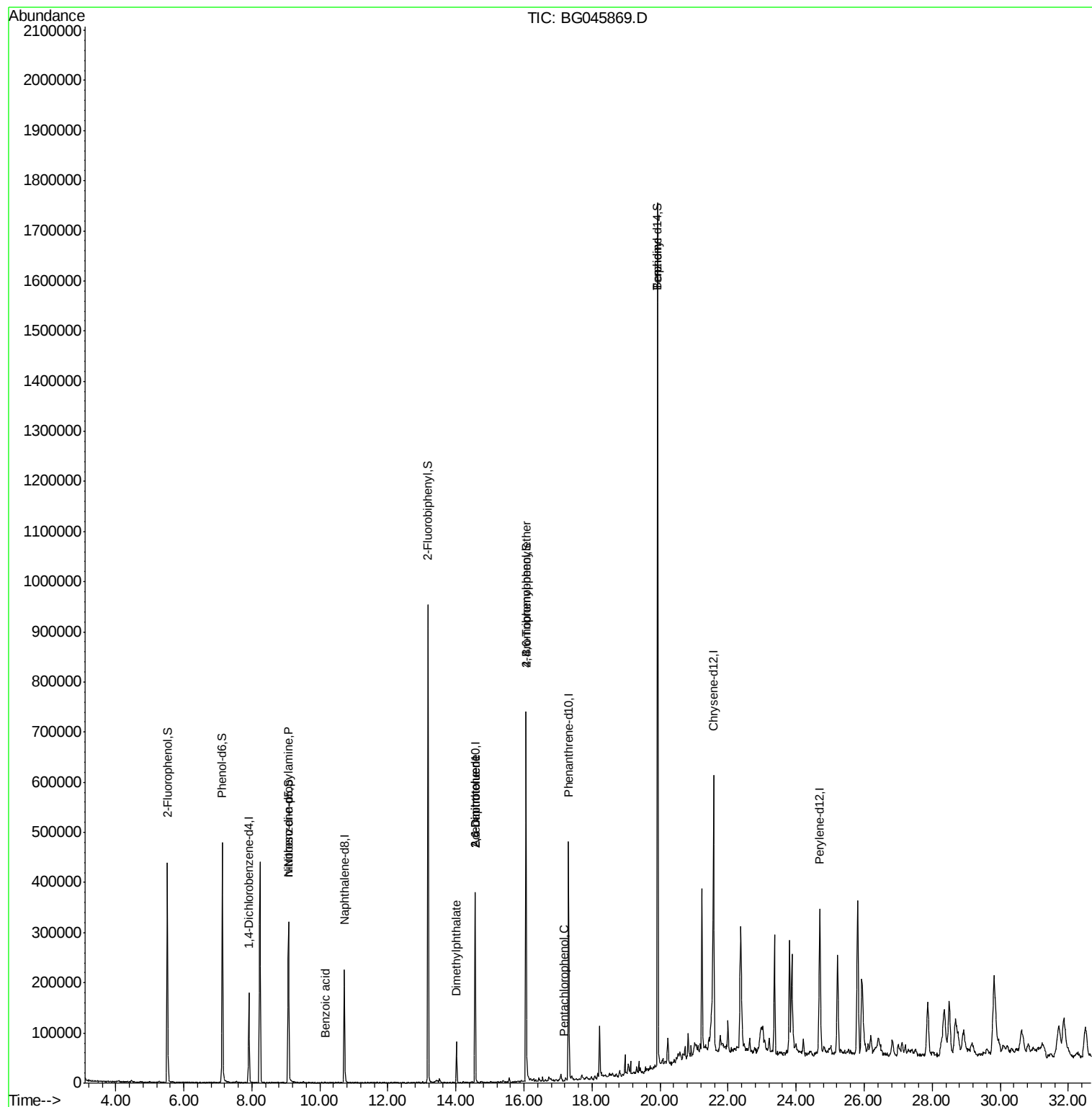
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	54460	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	205553	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	141498	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	316494	20.00	ng	0.00
76) Chrysene-d12	21.57	240	299308	20.00	ng	0.00
86) Perylene-d12	24.69	264	312066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	223699	69.39	ng	0.00
7) Phenol-d6	7.13	99	330287	67.35	ng	0.00
23) Nitrobenzene-d5	9.07	82	231173	51.38	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	155687	72.88	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	521879	54.20	ng	0.00
79) Terphenyl-d14	19.93	244	852393	57.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	31439	9.752	ng	# 80
32) Benzoic acid	10.15	122	55	9.000	ng	# 60
50) Dimethylphthalate	14.01	163	56405	5.088	ng	# 97
51) 2,6-Dinitrotoluene	14.56	165	17883	7.183	ng	# 24
57) 2,4-Dinitrotoluene	14.56	165	17883	5.013	ng	# 23
67) 4-Bromophenyl-phenylether	16.06	248	10391	2.527	ng	# 1
70) Pentachlorophenol	17.18	266	62	7.659	ng	# 17
77) Benzidine	19.93	184	16009	2.057	ng	# 91

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

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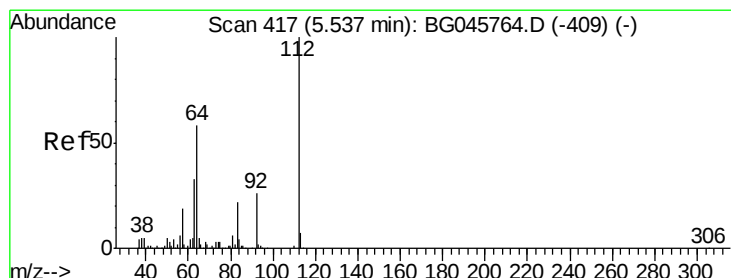
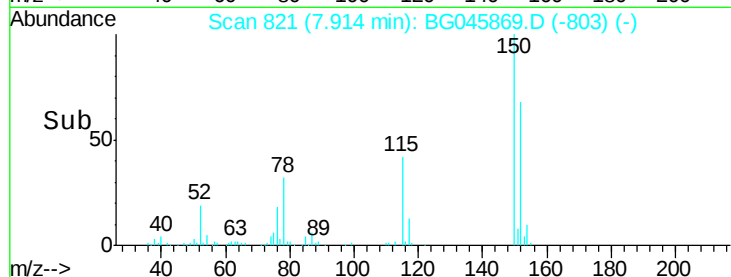
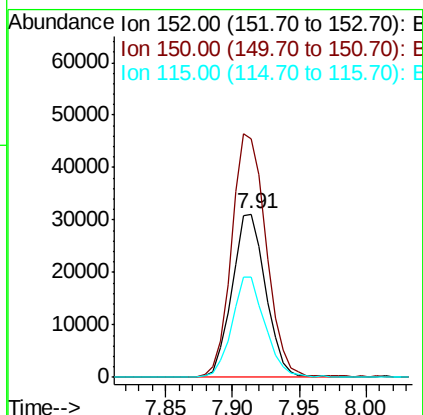
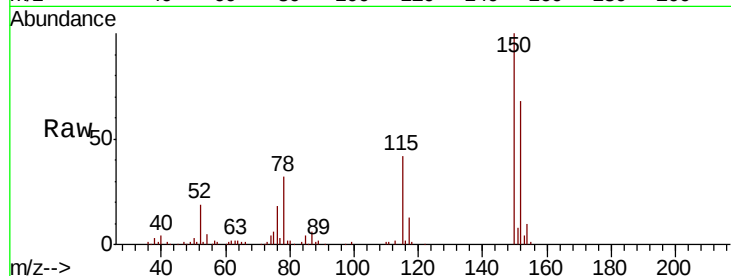


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045869.D
Acq: 26 Jun 2020 12:03

Instrument :
BNA_G
ClientSampleId :
DFTPP

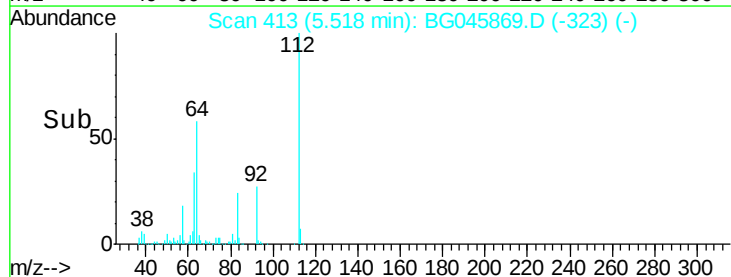
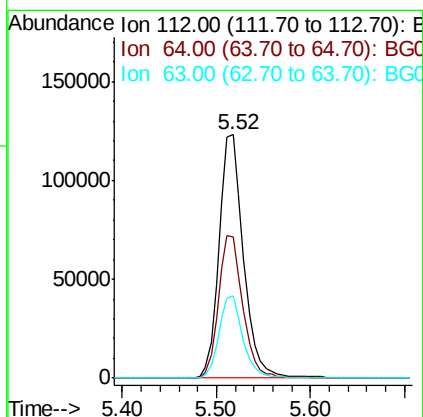
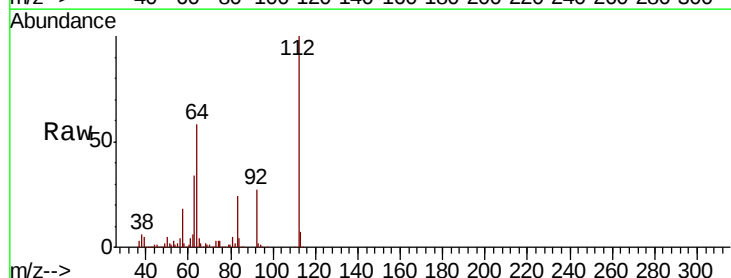
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	113.1	169.7
115	61.8	43.8	65.6

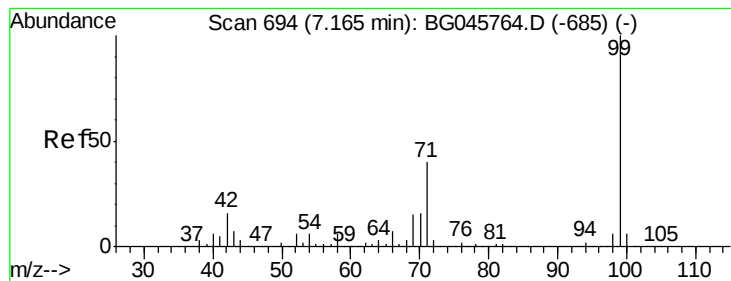


#5

2-Fluorophenol
Concen: 69.387 ng
RT: 5.52 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG045869.D
Acq: 26 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.6	69.8
63	33.8	26.3	39.5





#7

Phenol-d6

Concen: 67.352 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Instrument :

BNA_G

ClientSampleId :

DFTPP

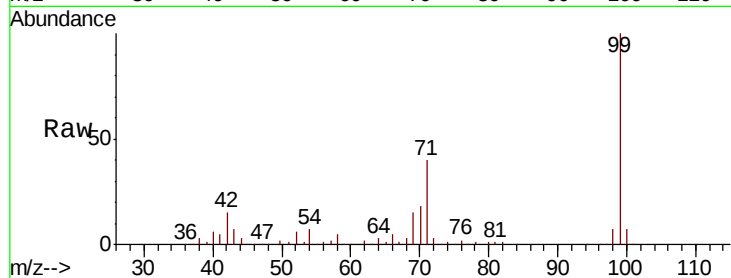
Tot Ion: 99 Resp: 330287

Ion Ratio Lower Upper

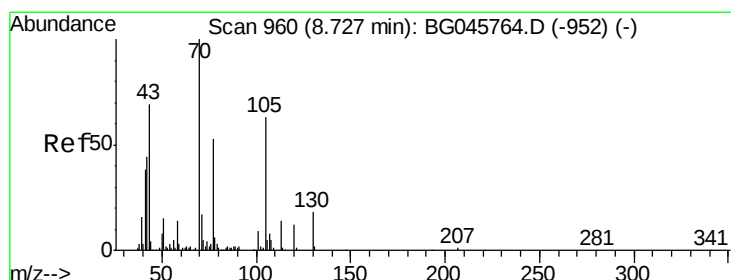
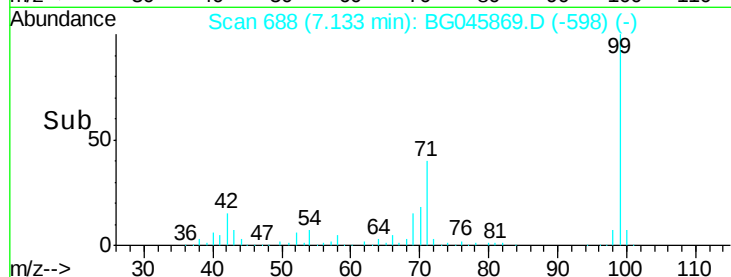
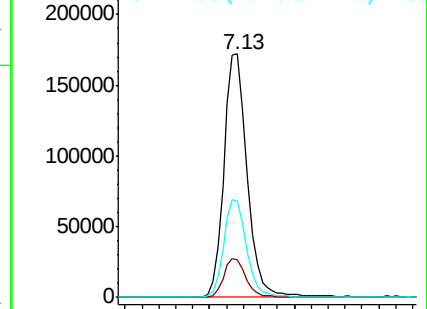
99 100

42 15.3 12.4 18.6

71 39.7 32.1 48.1



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: 9.752 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Tgt Ion: 70 Resp: 31439

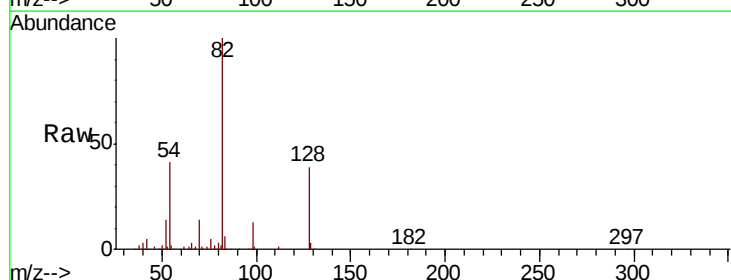
Ion Ratio Lower Upper

70 100

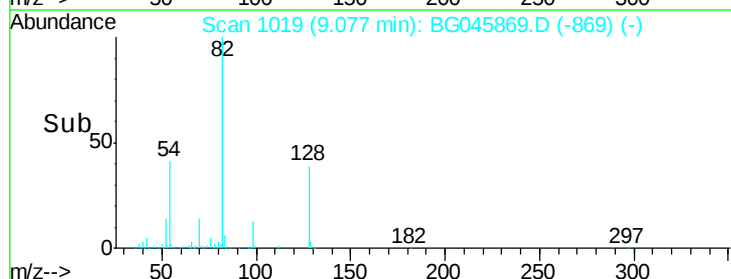
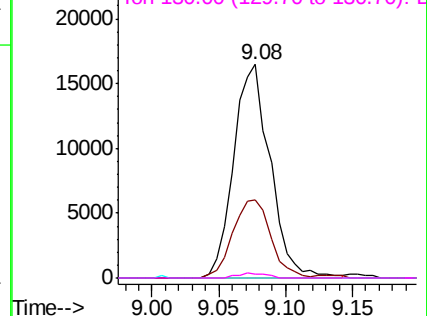
42 36.3 35.1 52.7

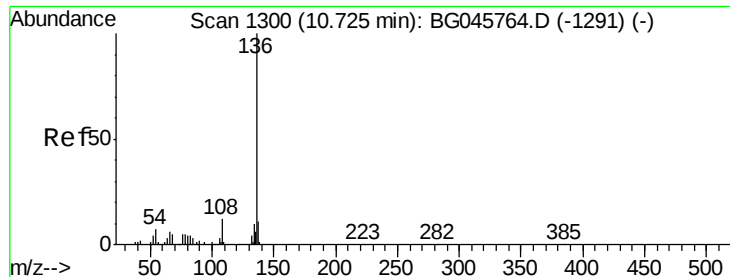
101 0.0 7.4 11.0#

130 2.0 14.6 21.8#



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

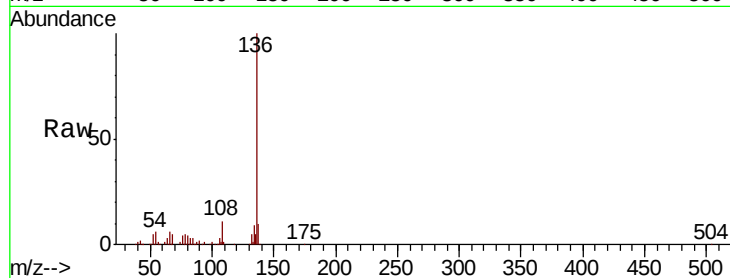




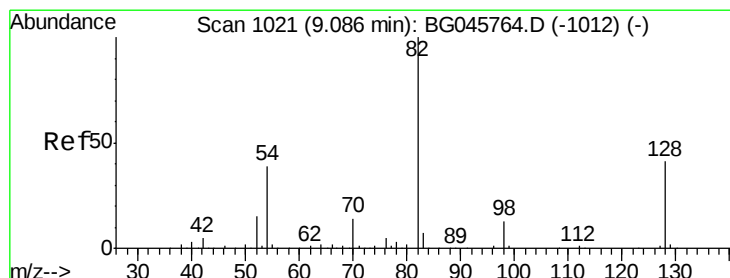
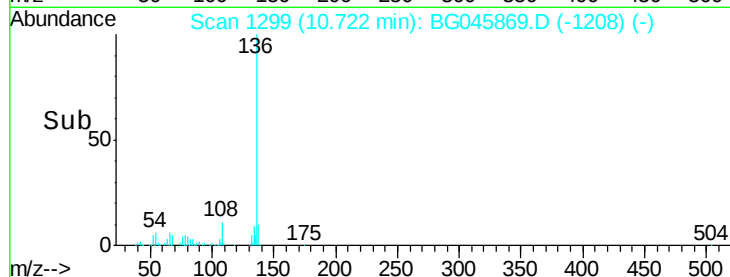
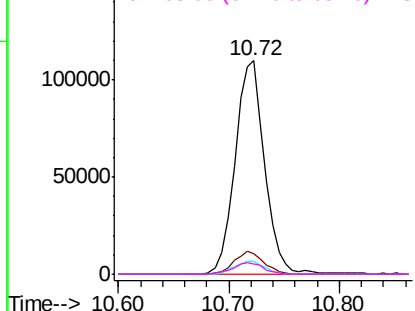
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045869.D
Acq: 26 Jun 2020 12:03

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:136	Resp:	205553
Ion Ratio	Lower	Upper
136 100		
137 9.5	8.7	13.1
54 5.9	5.8	8.6
68 5.1	4.0	6.0

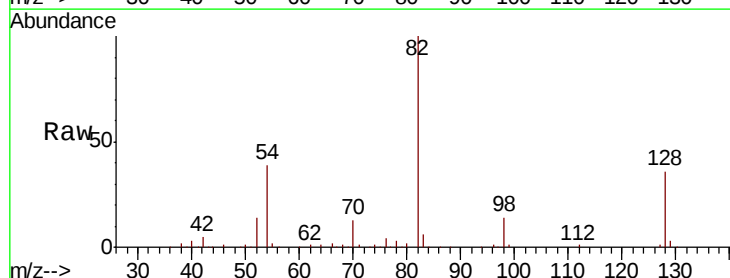


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

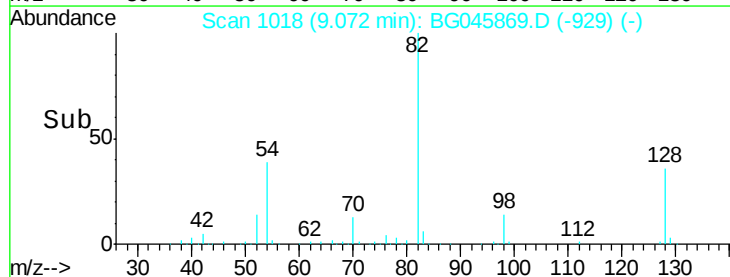
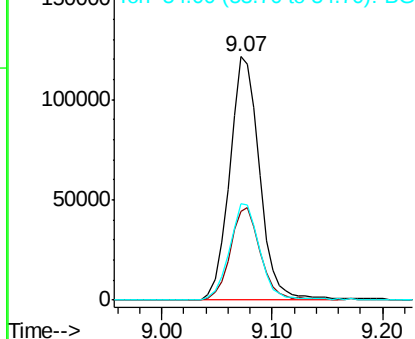


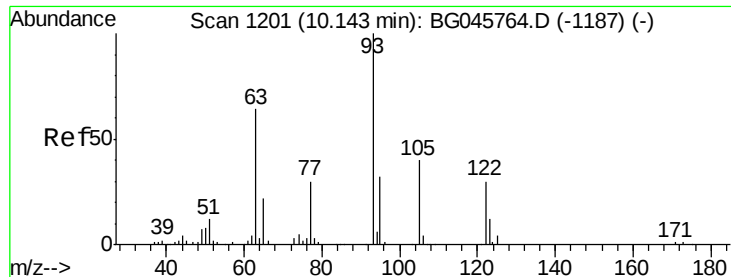
#23
Nitrobenzene-d5
Concen: 51.377 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG045869.D
Acq: 26 Jun 2020 12:03

Tgt Ion: 82	Resp: 231173
Ion Ratio	Lower Upper
82 100	
128 36.2	32.5 48.7
54 39.4	31.2 46.8



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

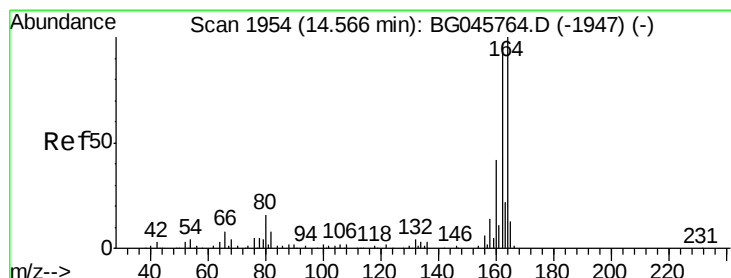
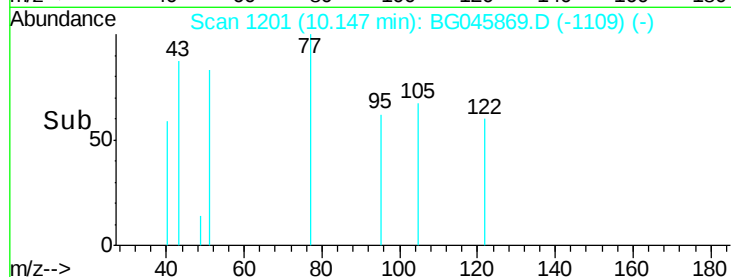
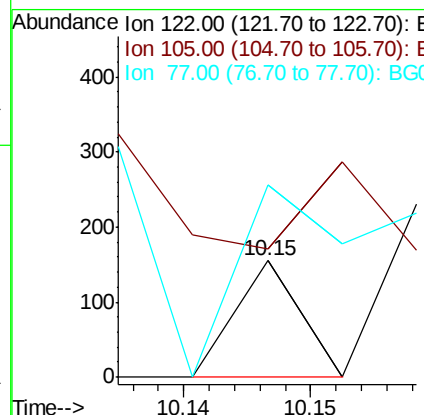
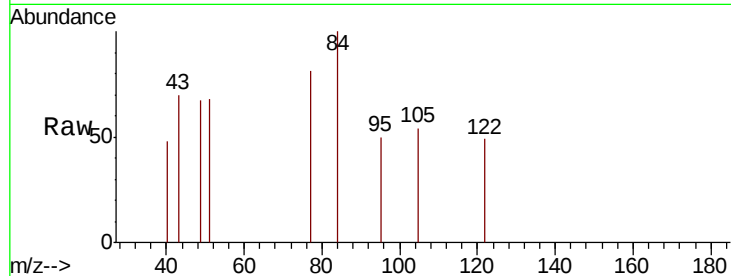




#32
Benzoic acid
Concen: 9.000 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG045869.D
Acq: 26 Jun 2020 12:03

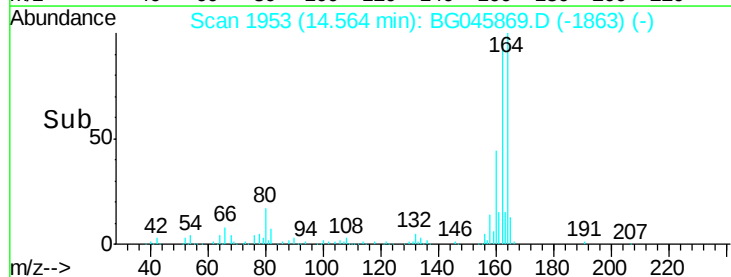
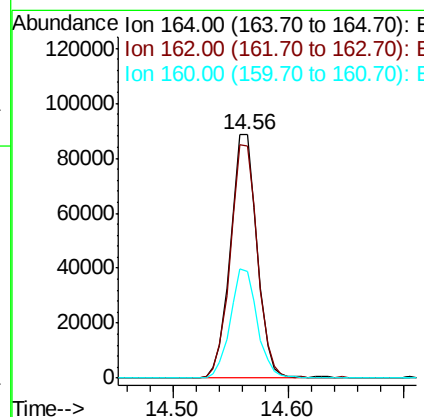
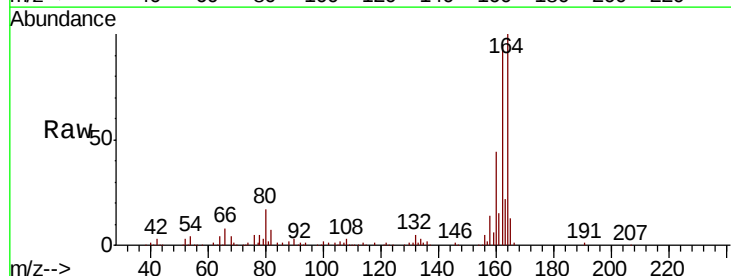
Instrument :
BNA_G
ClientSampleId :
DFTPP

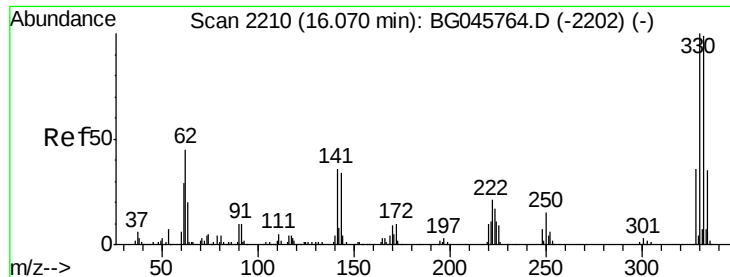
Tot Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 110.3 112.9 152.9#
77 165.8 79.2 119.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045869.D
Acq: 26 Jun 2020 12:03

Tgt Ion:164 Resp: 141498
Ion Ratio Lower Upper
164 100
162 95.3 77.4 116.0
160 43.8 33.3 49.9

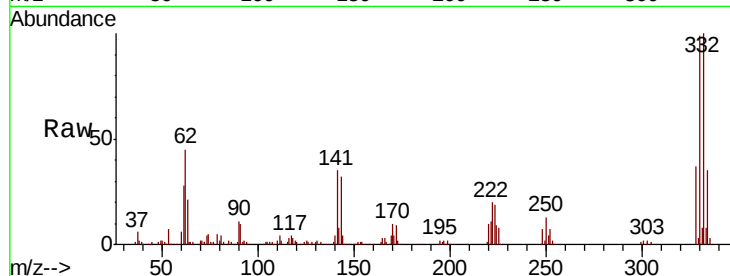




#42
 2,4,6-Tribromophenol
 Concen: 72.879 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG045869.D
 Acq: 26 Jun 2020 12:03

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	78.6	117.8
141	36.0	28.2	42.4

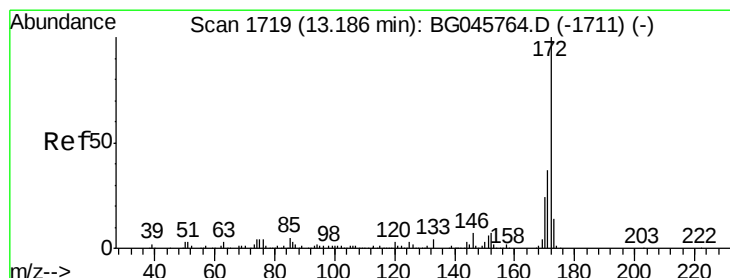
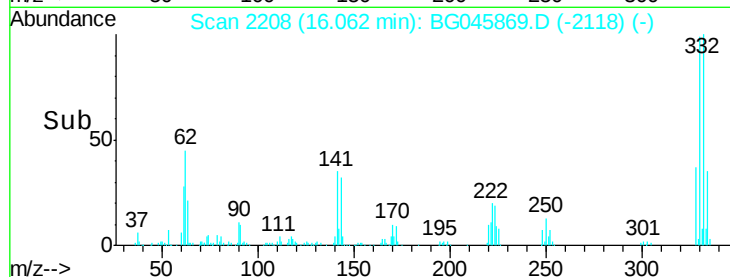
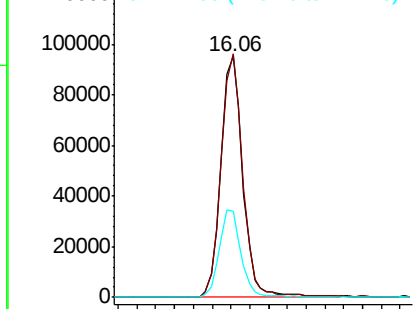


Abundance

Ion 329.80 (329.50 to 330.50): E

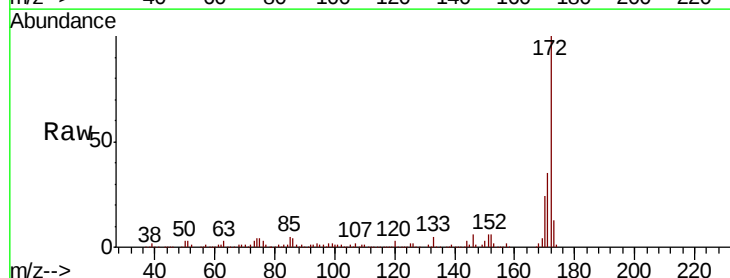
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 54.201 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG045869.D
 Acq: 26 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	24.1	19.3	28.9

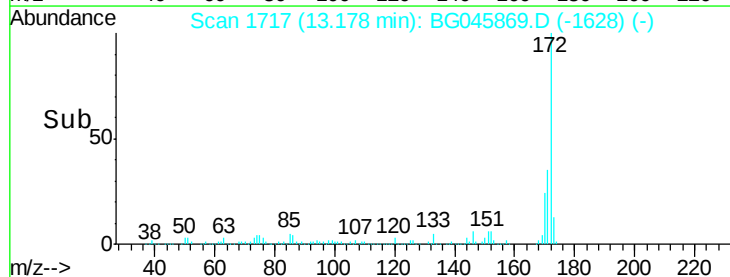
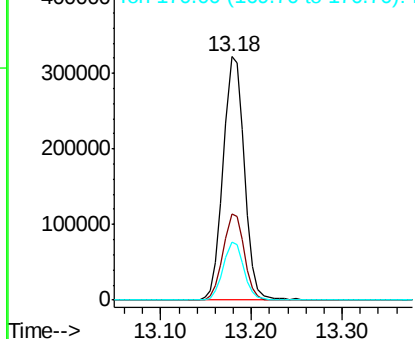


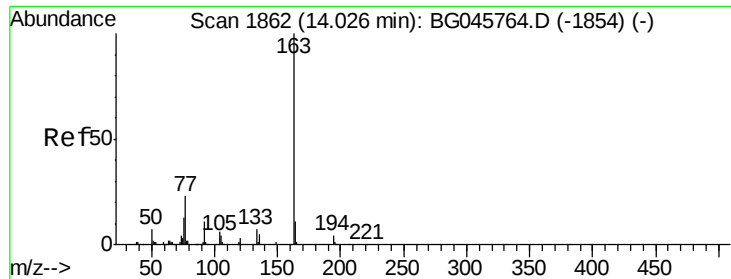
Abundance

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





#50

Dimethylphthalate

Concen: 5.088 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Instrument :

BNA_G

ClientSampleId :

DFTPP

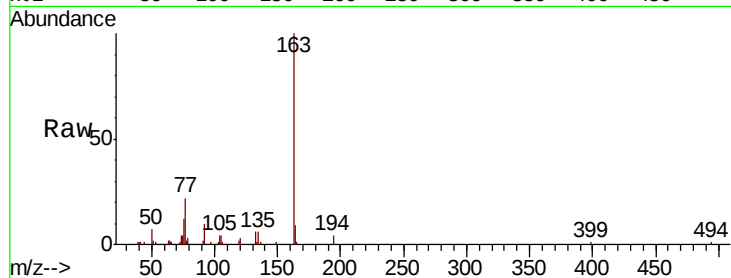
Tot Ion:163 Resp: 56405

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

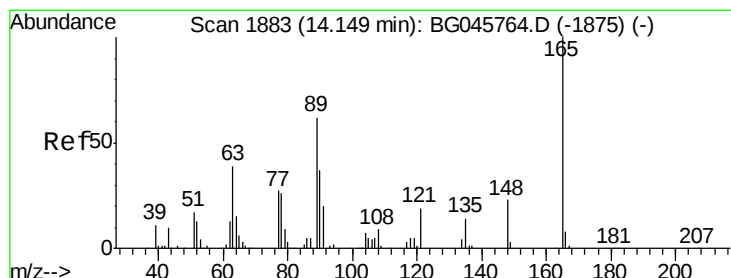
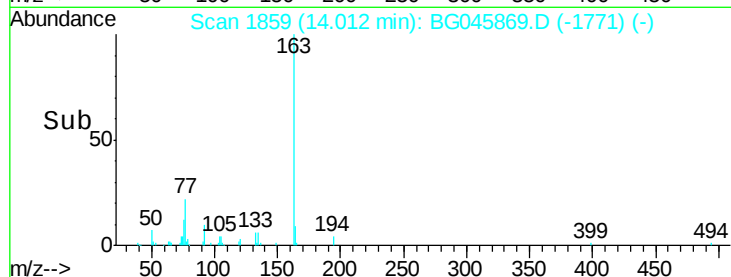
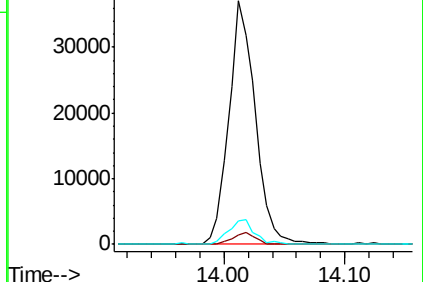
164 9.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.183 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.42 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

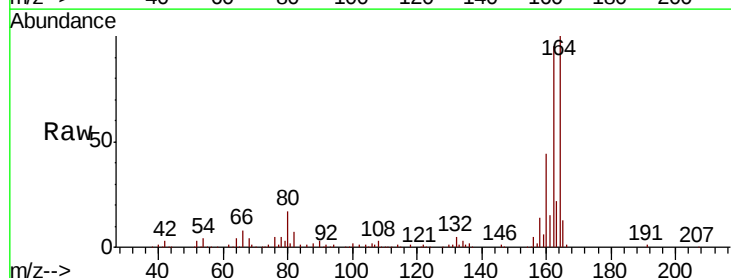
Tgt Ion:165 Resp: 17883

Ion Ratio Lower Upper

165 100

63 2.2 41.2 61.8#

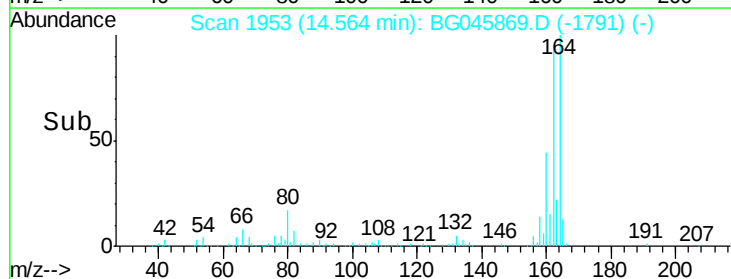
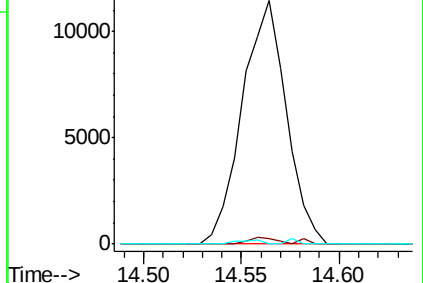
89 0.0 49.7 74.5#

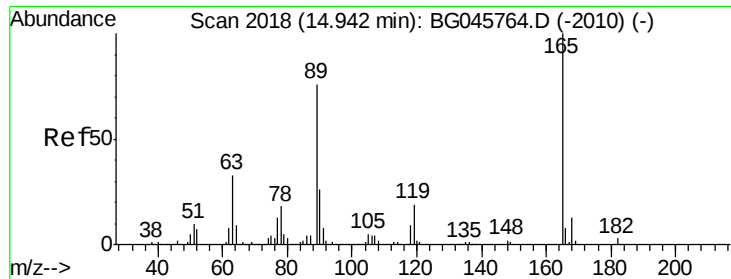


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

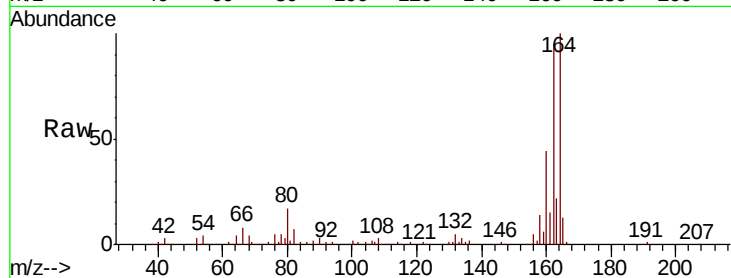




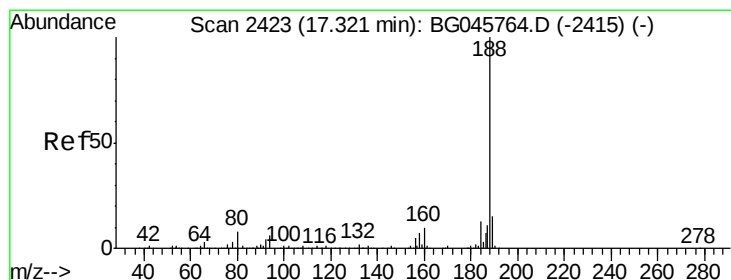
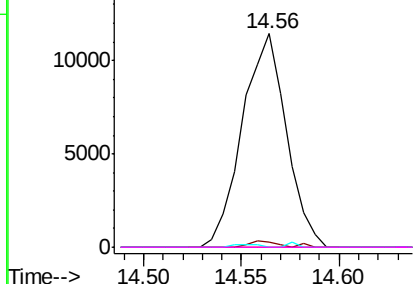
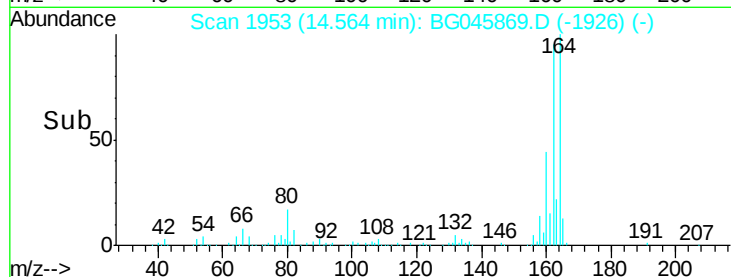
#57
 2,4-Dinitrotoluene
 Concen: 5.013 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.37 min
 Lab File: BG045869.D
 Acq: 26 Jun 2020 12:03

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:165 Resp: 17883
 Ion Ratio Lower Upper
 165 100
 63 2.2 33.8 50.8#
 89 0.0 60.4 90.6#
 182 0.0 2.6 3.8#

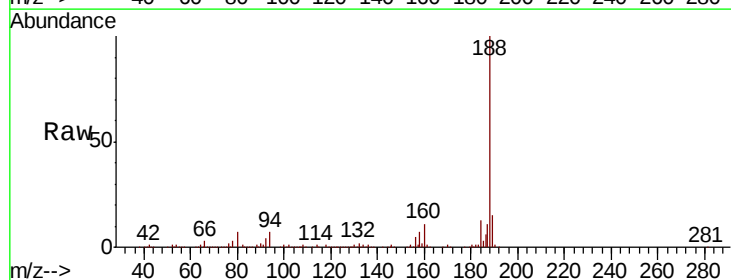


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

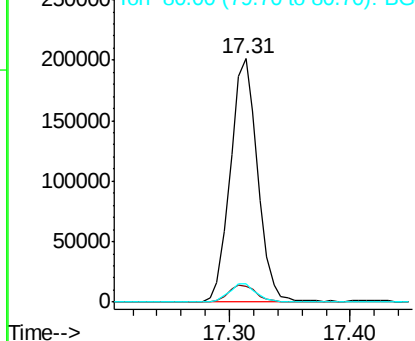
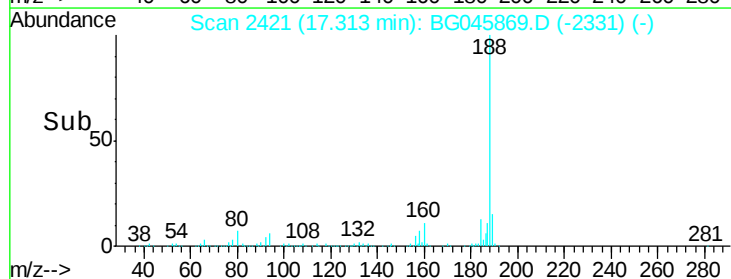


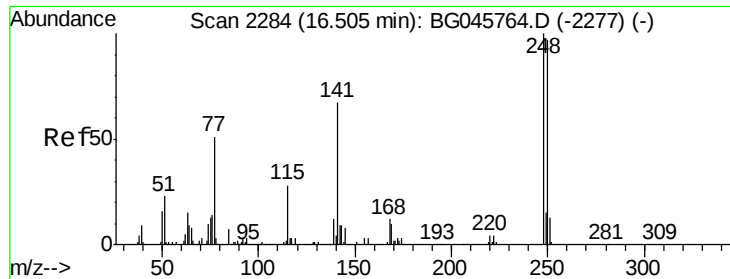
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG045869.D
 Acq: 26 Jun 2020 12:03

Tgt Ion:188 Resp: 316494
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 7.5 6.2 9.4



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

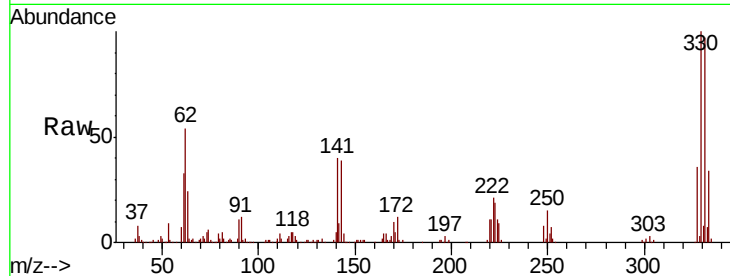




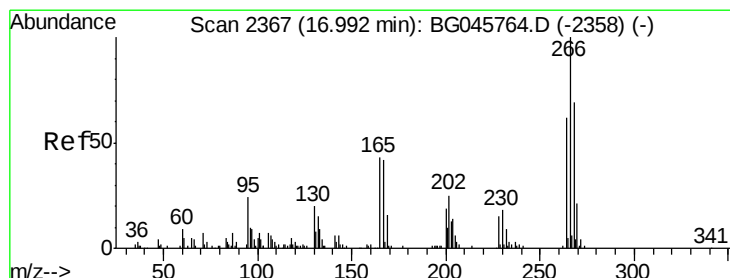
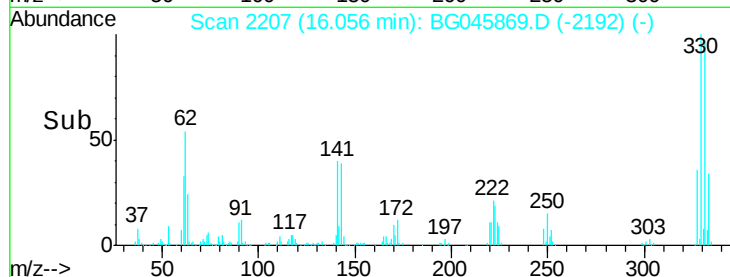
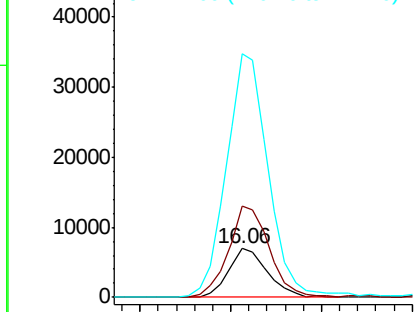
#67
 4-Bromophenyl-phenylether
 Concen: 2.527 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.44 min
 Lab File: BG045869.D
 Acq: 26 Jun 2020 12:03

Instrument :
 BNA_G
 ClientSampled :
 DFTPP

Tot Ion:248 Resp: 10391
 Ion Ratio Lower Upper
 248 100
 250 188.7 78.0 117.0#
 141 500.2 53.9 80.9#

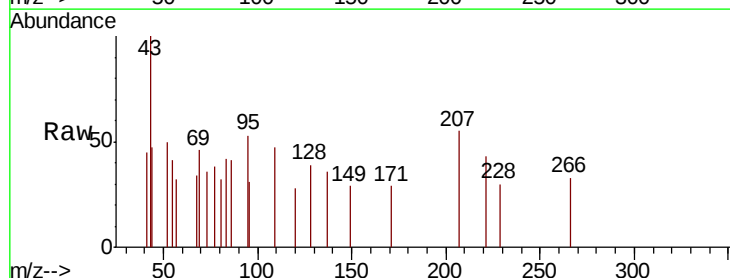


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

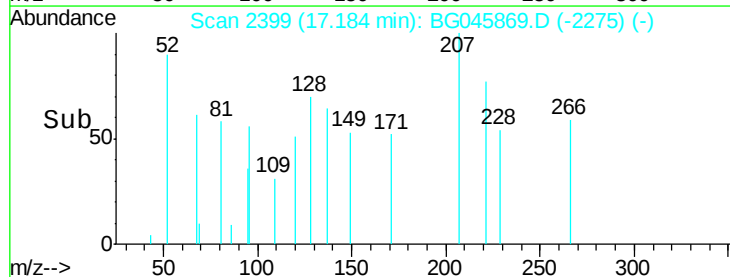
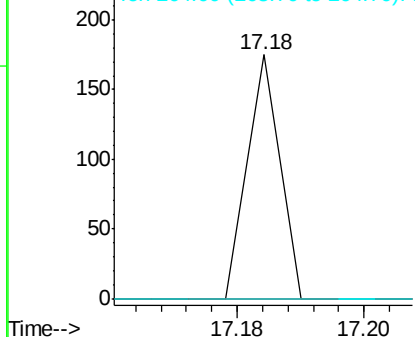


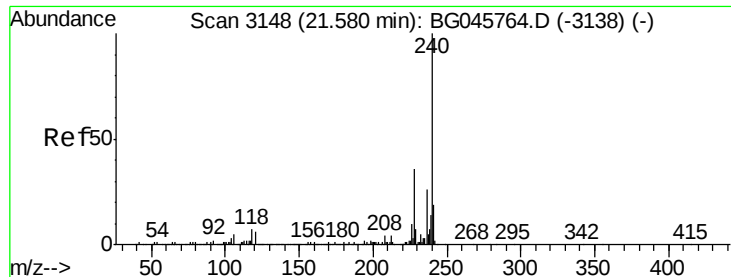
#70
 Pentachlorophenol
 Concen: 7.659 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. 0.20 min
 Lab File: BG045869.D
 Acq: 26 Jun 2020 12:03

Tgt Ion:266 Resp: 62
 Ion Ratio Lower Upper
 266 100
 268 0.0 55.4 83.0#
 264 0.0 49.8 74.6#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Instrument :

BNA_G

ClientSampleId :

DFTPP

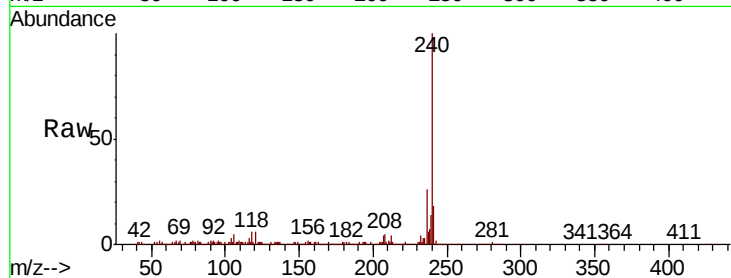
Tot Ion:240 Resp: 299308

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.4

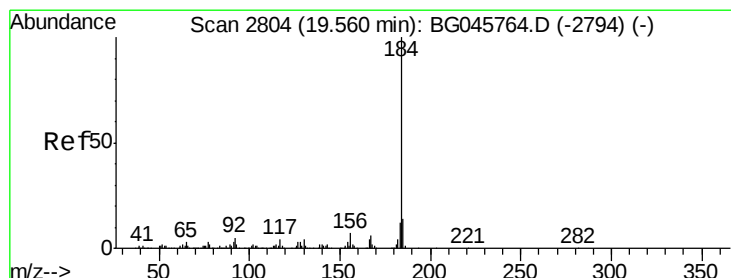
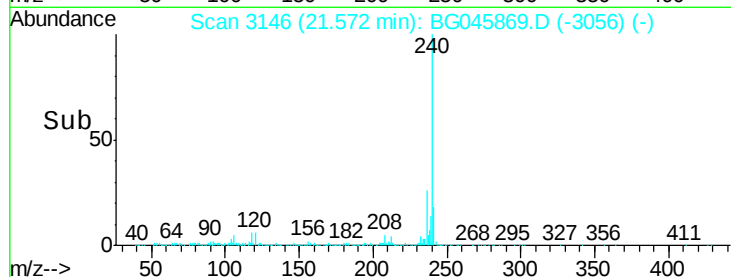
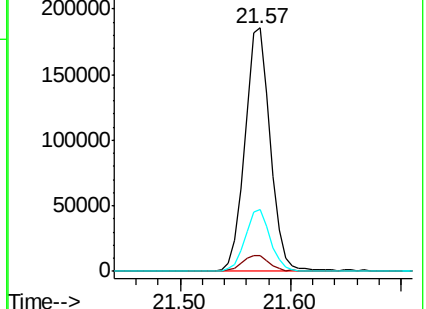
236 25.6 20.6 30.8



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: 2.057 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.37 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

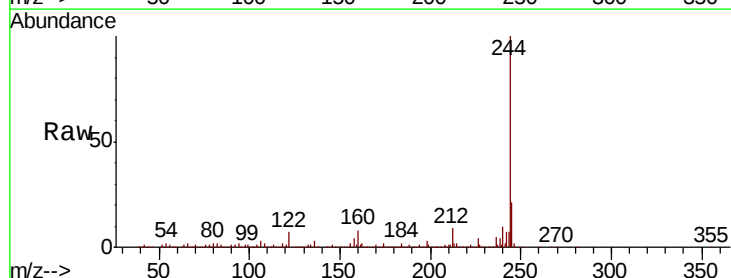
Tgt Ion:184 Resp: 16009

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

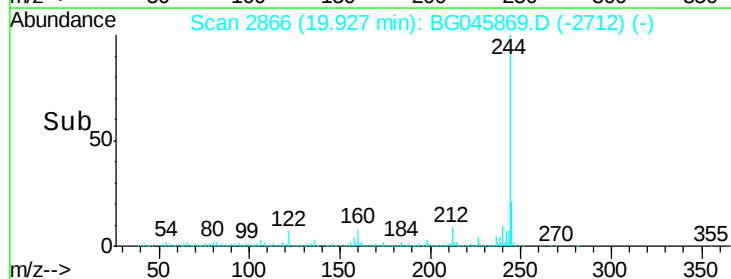
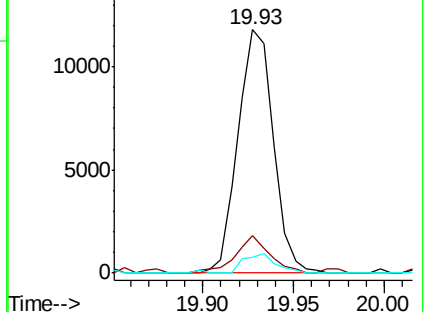
183 6.5 9.7 14.5#

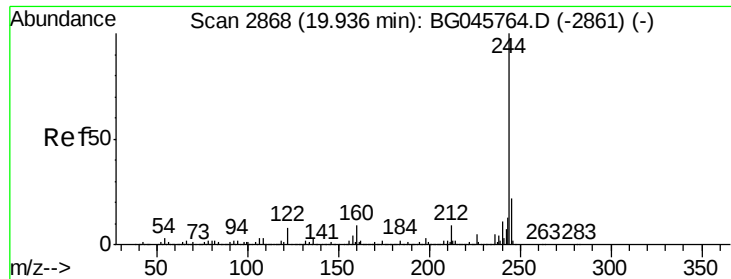


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 57.715 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Instrument :

BNA_G

ClientSampleId :

DFTPP

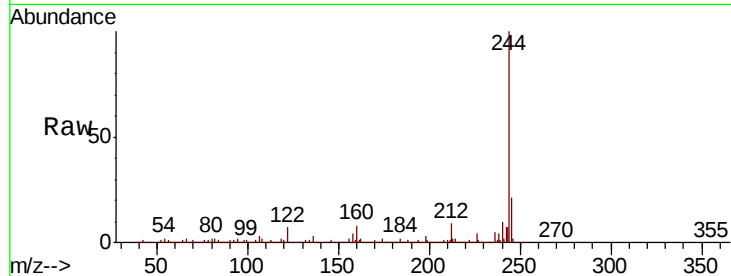
Tot Ion:244 Resp: 852393

Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

122 7.2 6.4 9.6



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

19.93

800000

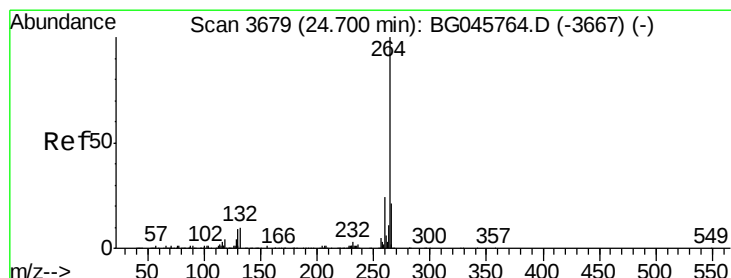
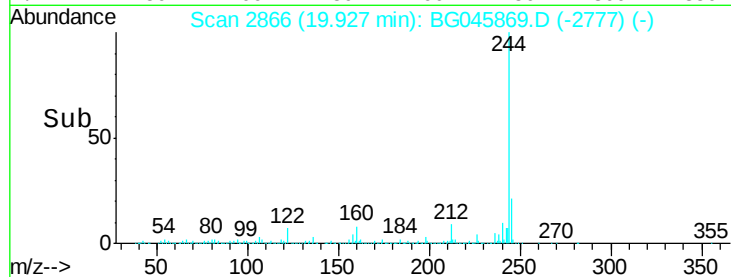
600000

400000

200000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

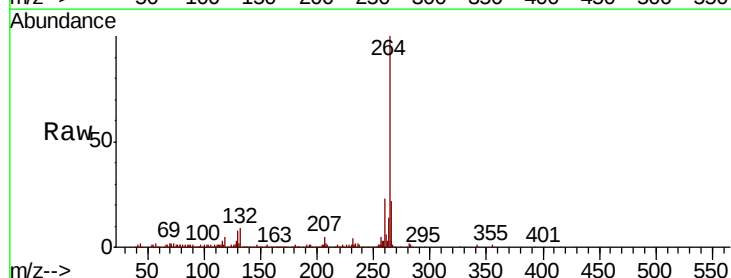
Tgt Ion:264 Resp: 312066

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 21.5 17.4 26.0



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

24.69

150000

100000

50000

0

Time-->

