

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046536.D
 Acq On : 4 Sep 2020 11:41
 Operator : CG/JU
 Sample : L3887-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Sep 04 13:30:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73262	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	275716	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	170246	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	386728	20.00	ng	0.00
76) Chrysene-d12	21.55	240	453304	20.00	ng	0.00
86) Perylene-d12	24.65	264	465752	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	469178	113.43	ng	0.00
7) Phenol-d6	7.11	99	541137	92.29	ng	0.00
23) Nitrobenzene-d5	9.08	82	430188	89.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	264050	114.47	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	994295	89.16	ng	0.00
79) Terphenyl-d14	19.92	244	1594206	74.85	ng	0.00

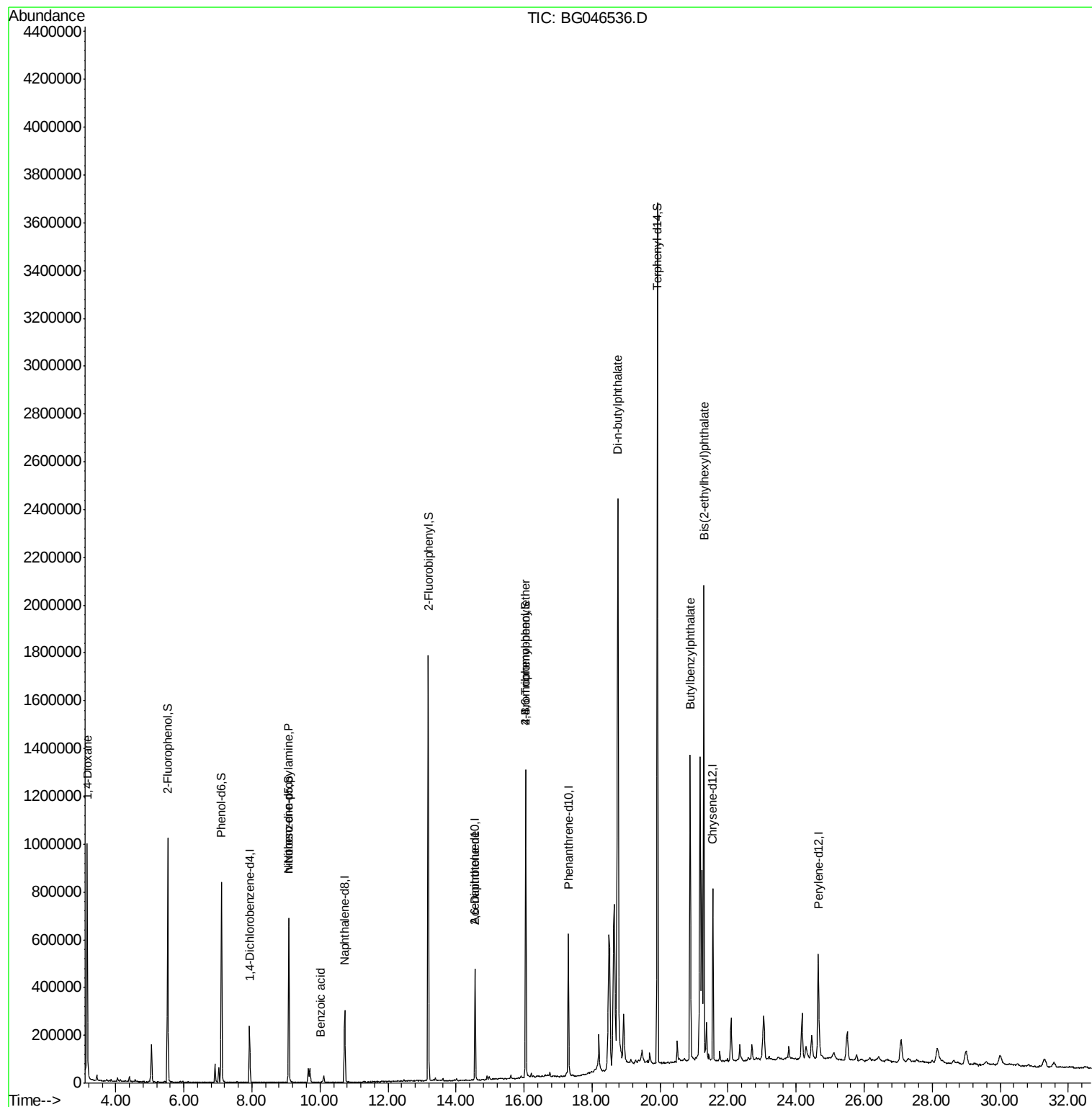
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	9693	5.633	ng	# 1
19) n-Nitroso-di-n-propylamine	9.08	70	56030	15.975	ng	# 78
32) Benzoic acid	10.02	122	1510	5.171	ng	# 63
51) 2,6-Dinitrotoluene	14.56	165	22370	7.705	ng	# 35
67) 4-Bromophenyl-phenylether	16.05	248	20315	4.503	ng	# 1
74) Di-n-butylphthalate	18.76	149	1700143	80.970	ng	# 93
80) Butylbenzylphthalate	20.89	149	235306	20.899	ng	# 29
84) Bis(2-ethylhexyl)phthalate	21.29	149	921437	59.969	ng	# 49

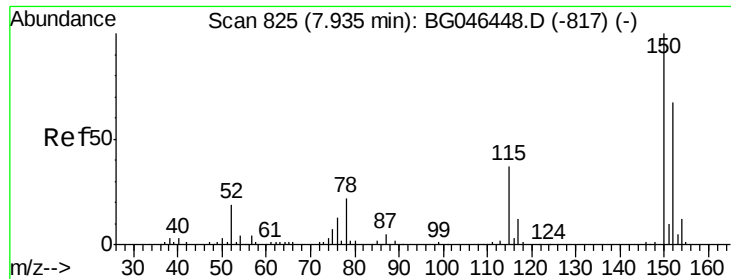
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

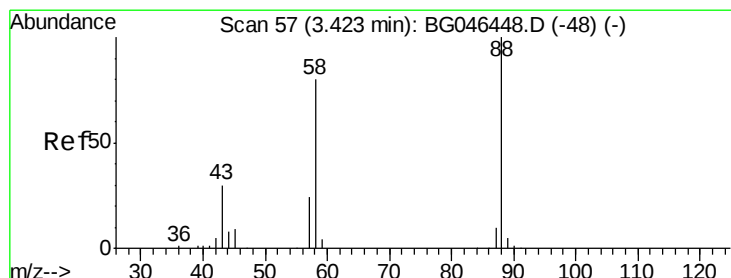
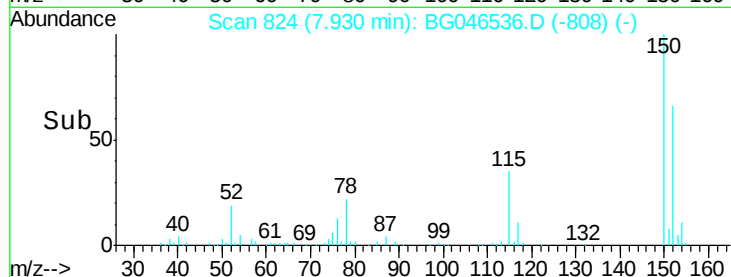
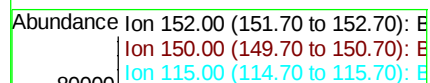
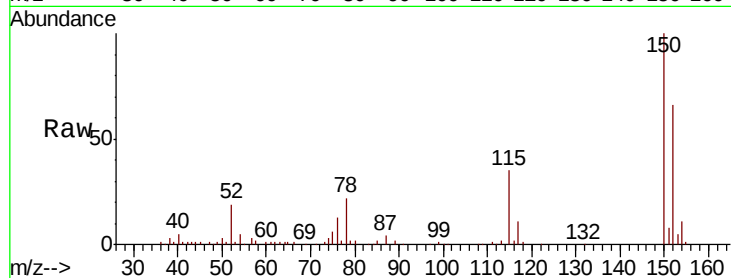
Tot Ion:152 Resp: 73262

Ion Ratio Lower Upper

152 100

150 150.8 119.5 179.3

115 53.1 44.3 66.5



#2

1,4-Dioxane

Concen: 5.633 ng

RT: 3.16 min Scan# 12

Delta R.T. -0.26 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

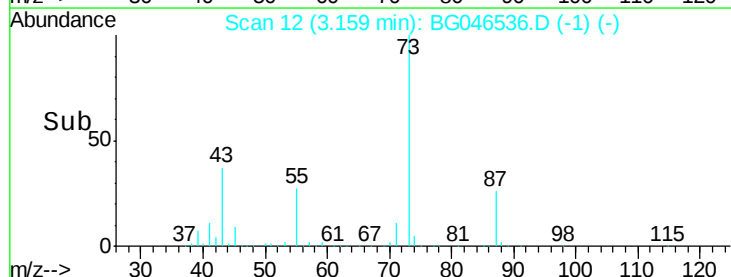
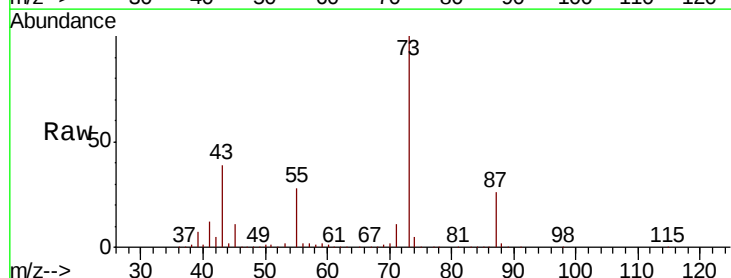
Tgt Ion: 88 Resp: 9693

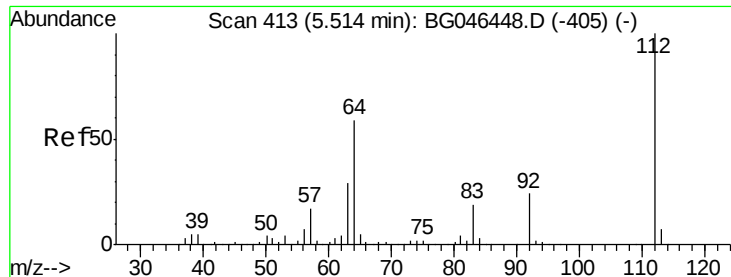
Ion Ratio Lower Upper

88 100

58 33.3 61.4 92.2#

43 2531.2 21.6 32.4#





#5

2-Fluorophenol

Concen: 113.429 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

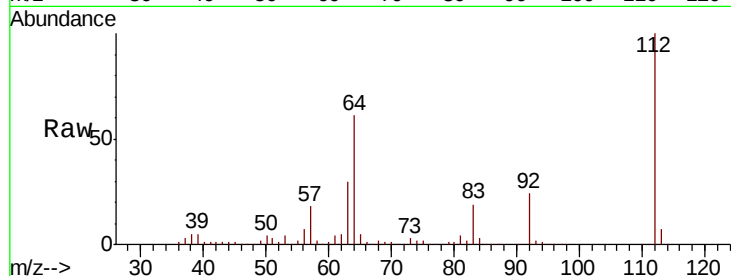
Tot Ion:112 Resp: 469178

Ion Ratio Lower Upper

112 100

64 60.6 47.0 70.6

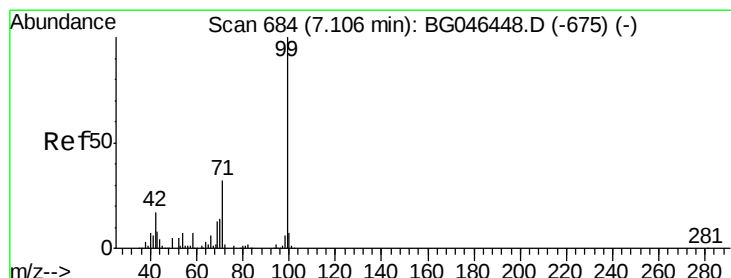
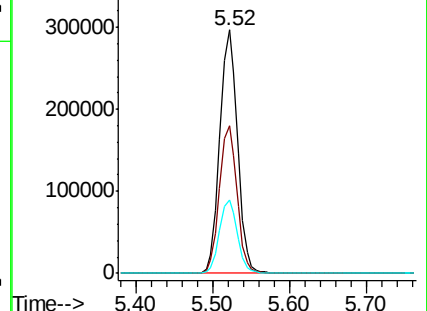
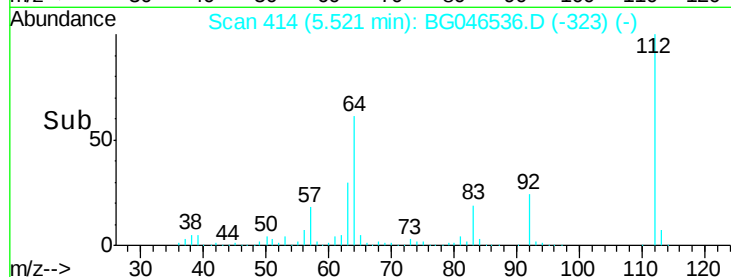
63 30.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 92.286 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

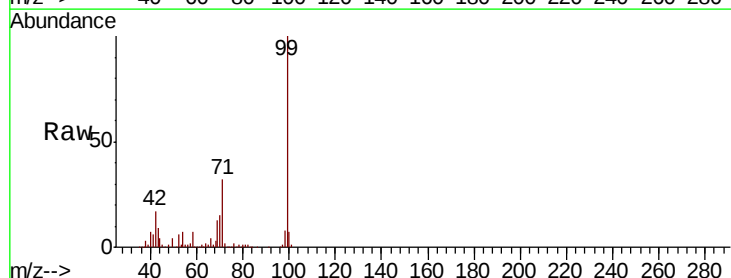
Tgt Ion: 99 Resp: 541137

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

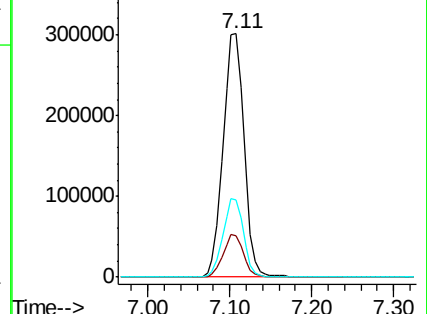
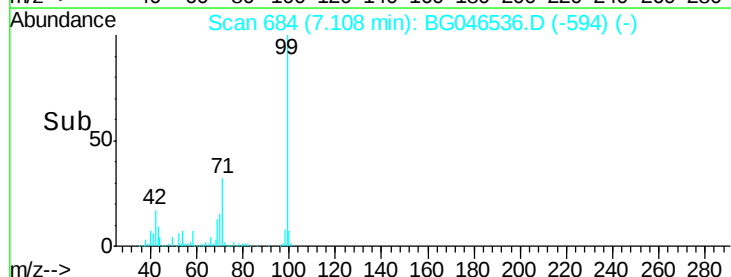
71 31.9 25.3 37.9

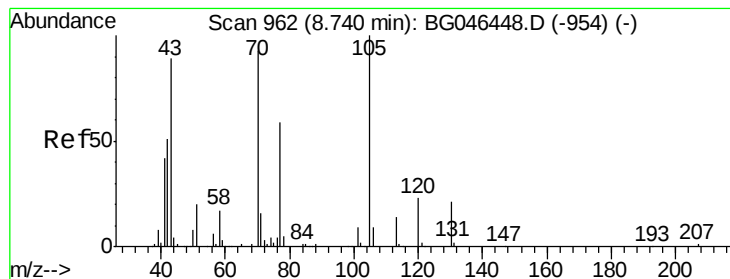


Abundance Ion 99.00 (98.70 to 99.70): BGC

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: 15.975 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Instrument :

BNA_G

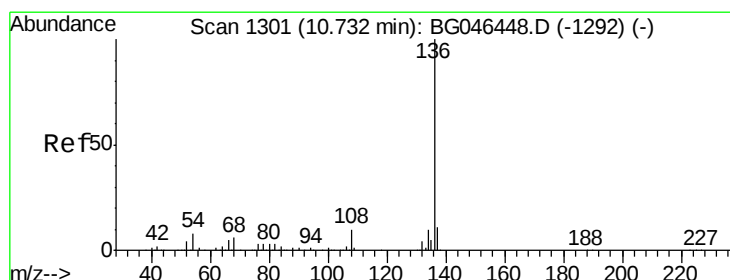
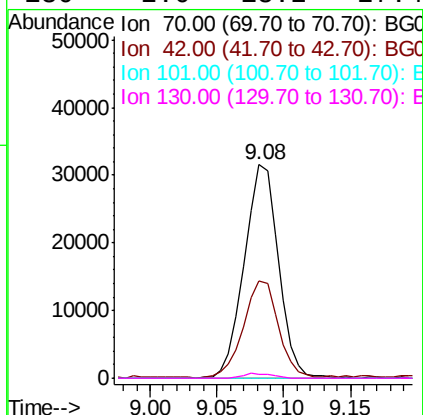
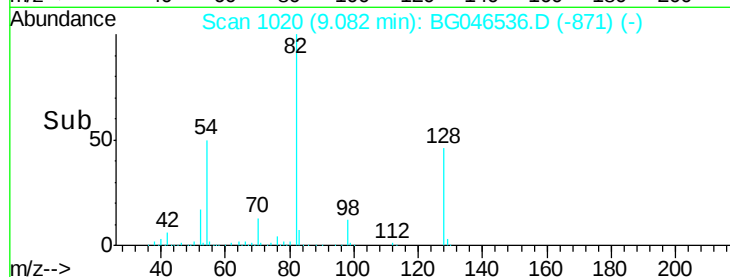
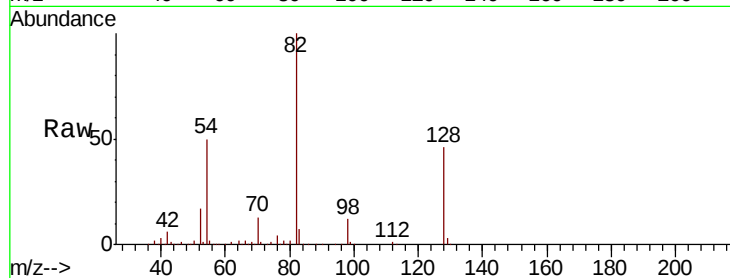
ClientSampleId :

DFTPP

Tot Ion: 70 Resp: 56030

Ion Ratio Lower Upper

70	100		
42	45.7	44.2	66.2
101	0.0	7.8	11.8#
130	2.0	18.2	27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

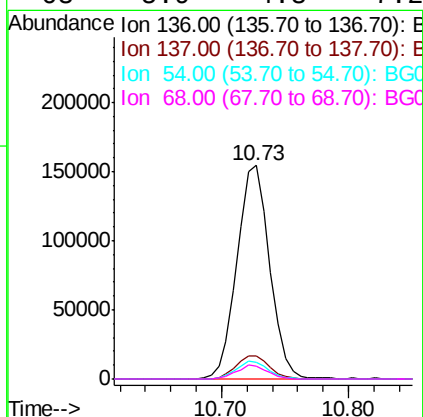
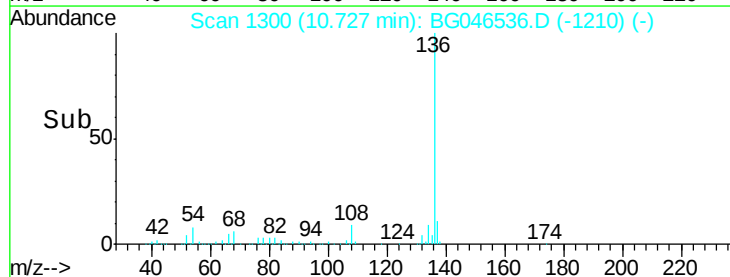
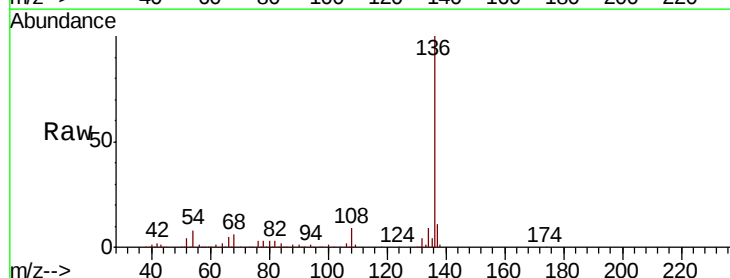
Lab File: BG046536.D

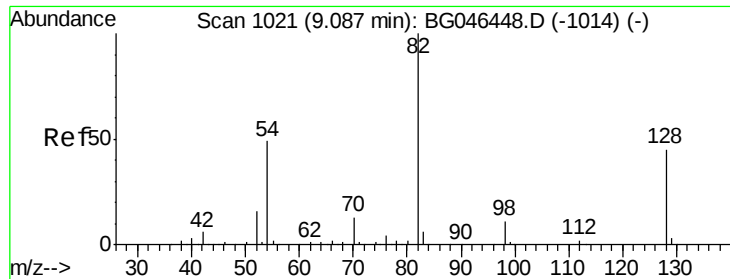
Acq: 4 Sep 2020 11:41

Tgt Ion: 136 Resp: 275716

Ion Ratio Lower Upper

136	100		
137	10.9	8.8	13.2
54	8.0	6.1	9.1
68	5.9	4.8	7.2

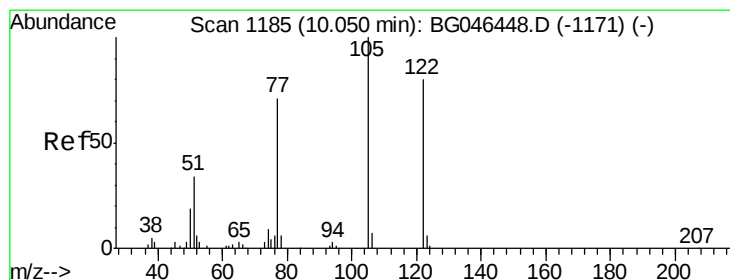
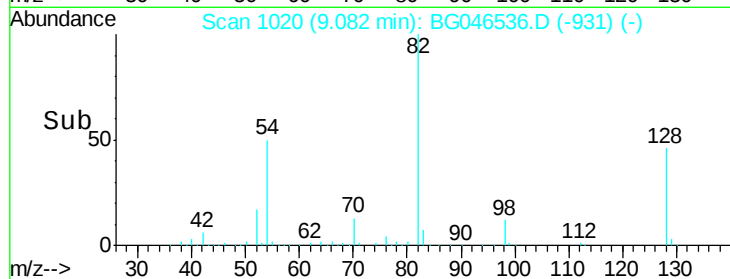
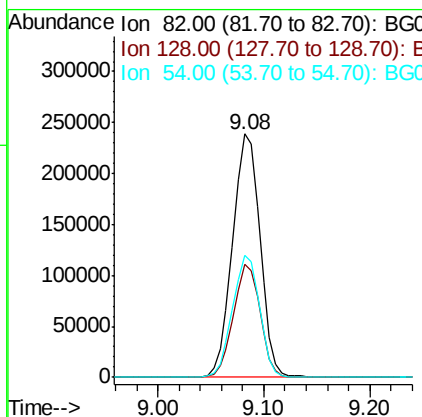
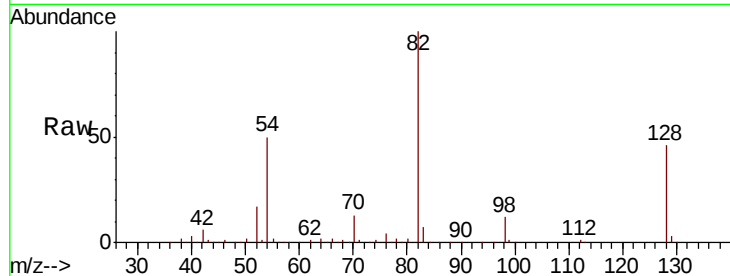




#23
 Nitrobenzene-d5
 Concen: 89.177 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

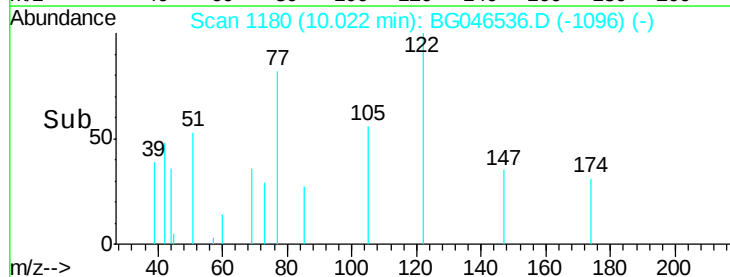
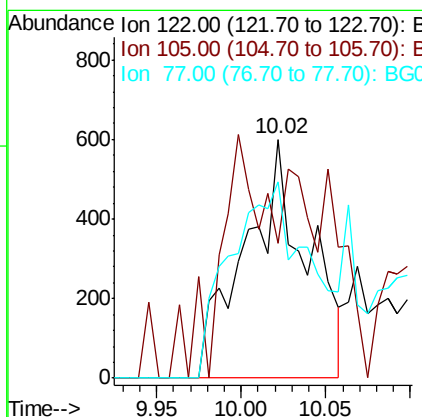
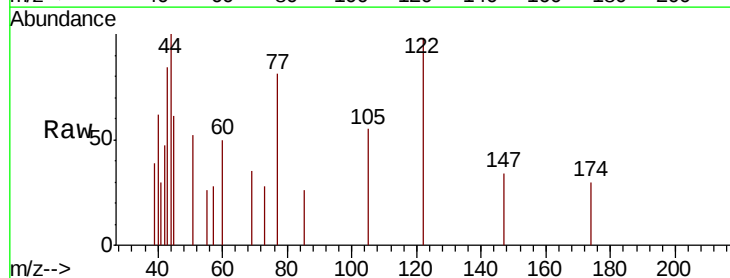
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

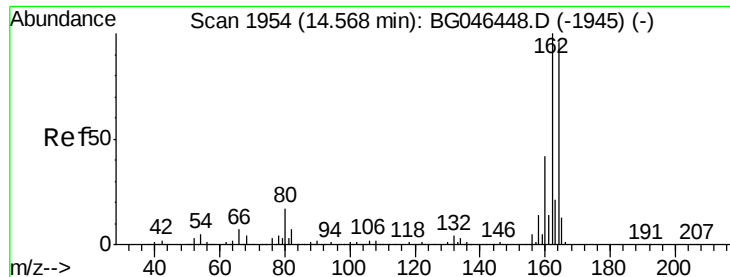
Tot Ion: 82 Resp: 430188
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.7 53.5
 54 49.9 39.4 59.0



#32
 Benzoic acid
 Concen: 5.171 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

Tgt Ion: 122 Resp: 1510
 Ion Ratio Lower Upper
 122 100
 105 56.2 102.5 142.5#
 77 82.2 68.2 108.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

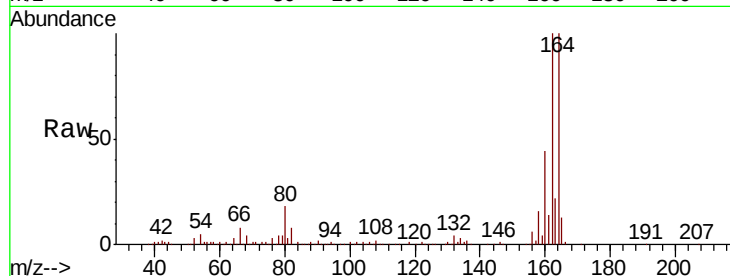
Tot Ion:164 Resp: 170246

Ion Ratio Lower Upper

164 100

162 99.8 83.3 124.9

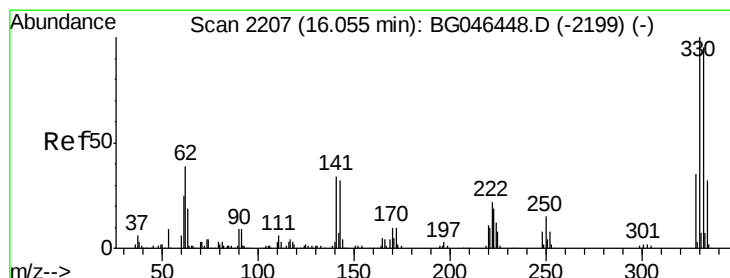
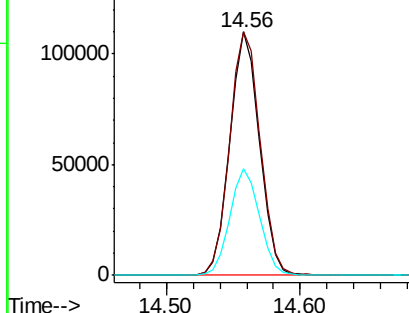
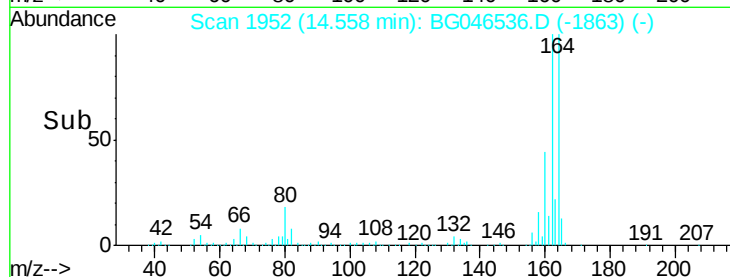
160 43.9 35.0 52.6



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: 114.470 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

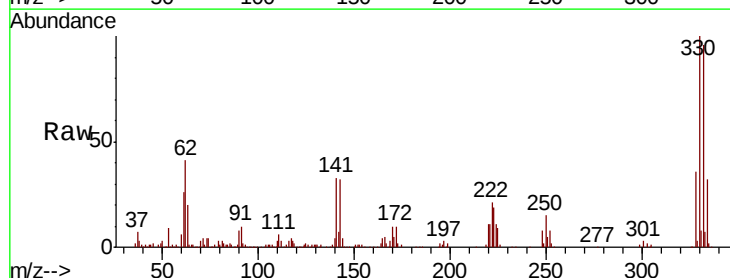
Tgt Ion:330 Resp: 264050

Ion Ratio Lower Upper

330 100

332 97.4 76.1 114.1

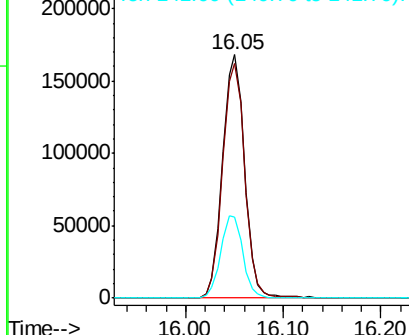
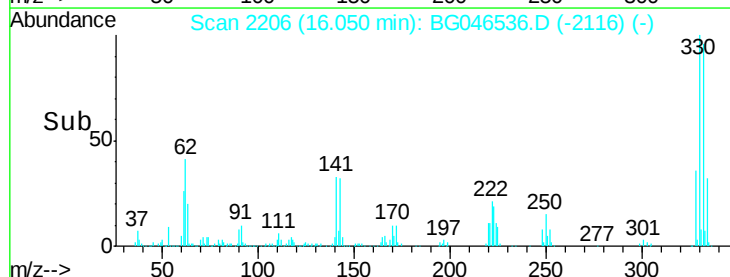
141 34.3 26.1 39.1

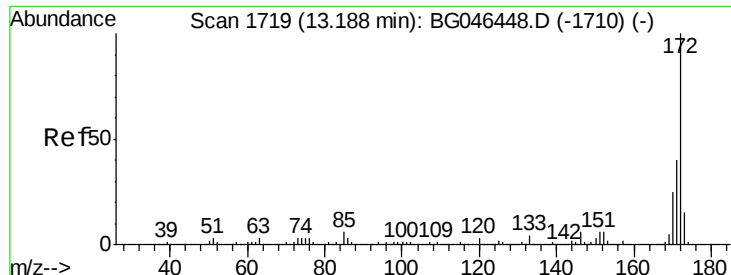


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

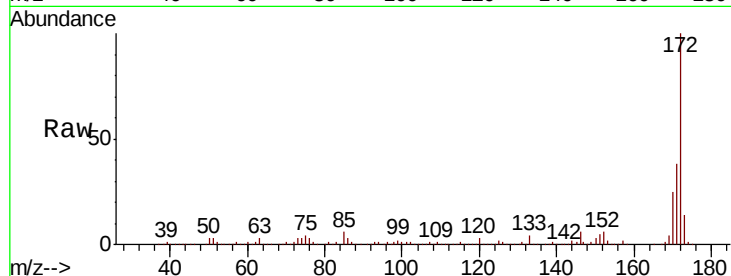




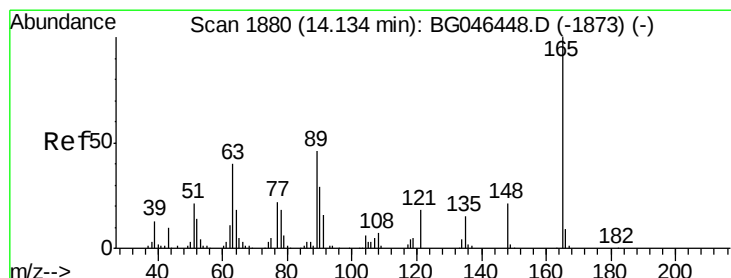
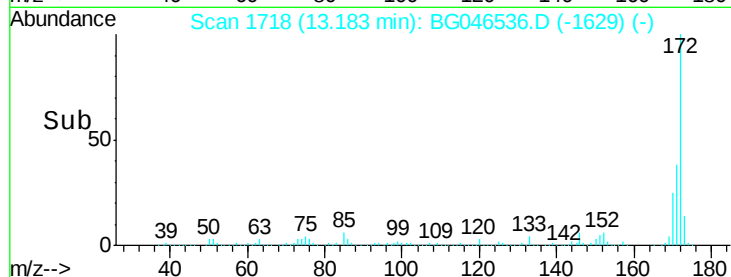
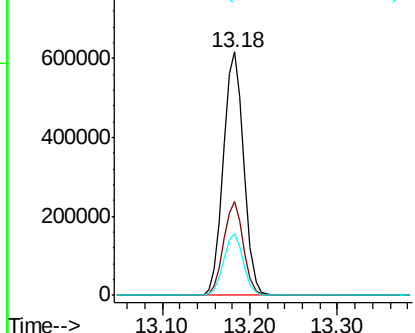
#45
2-Fluorobiphenyl
Concen: 89.156 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

Instrument :
BNA_G
ClientSampled :
DFTPP

Tot Ion:172 Resp: 994295
Ion Ratio Lower Upper
172 100
171 38.3 31.8 47.6
170 25.4 20.3 30.5

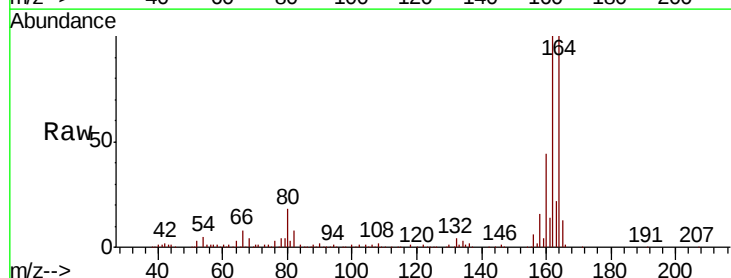


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

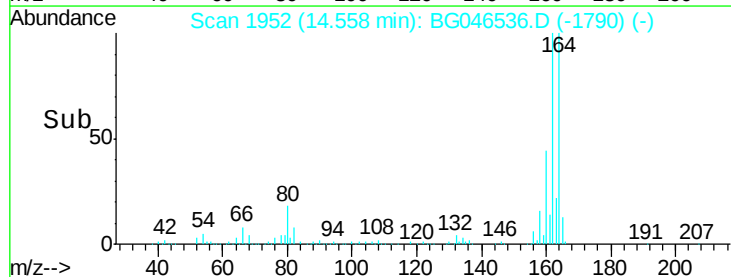
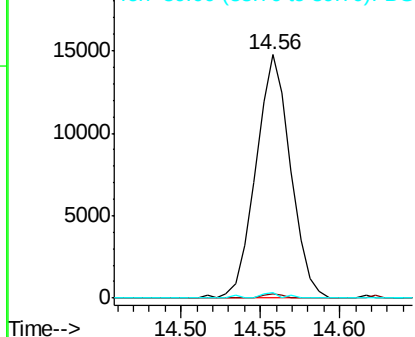


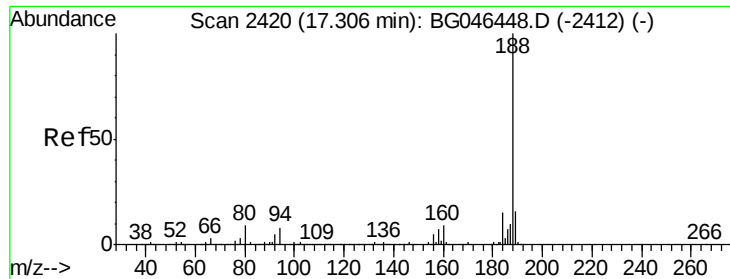
#51
2,6-Dinitrotoluene
Concen: 7.705 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.42 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

Tgt Ion:165 Resp: 22370
Ion Ratio Lower Upper
165 100
63 1.5 34.2 51.4#
89 2.5 37.0 55.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

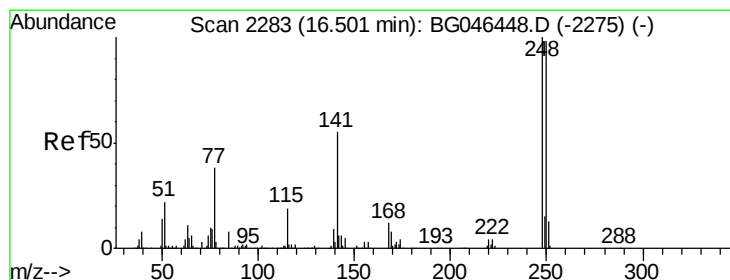
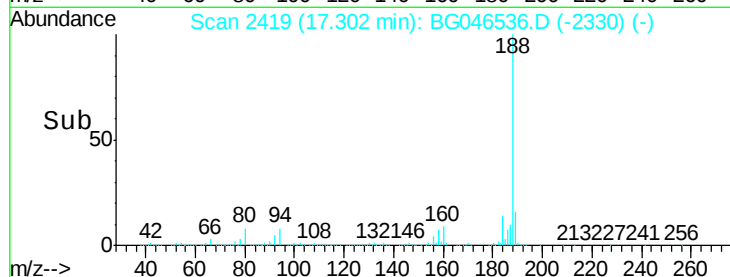
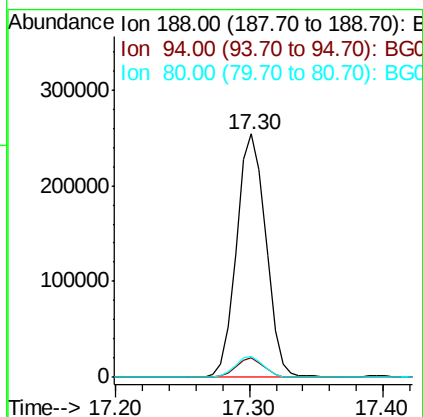
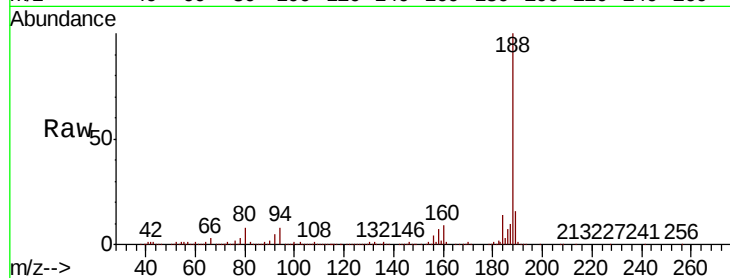




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

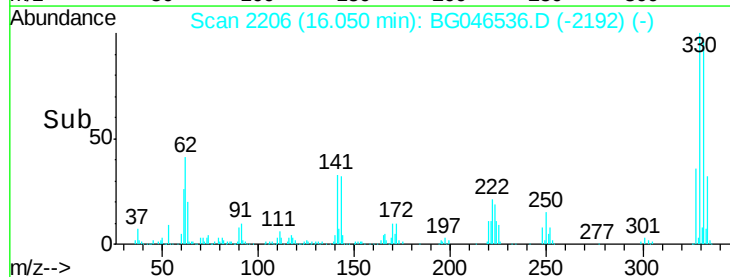
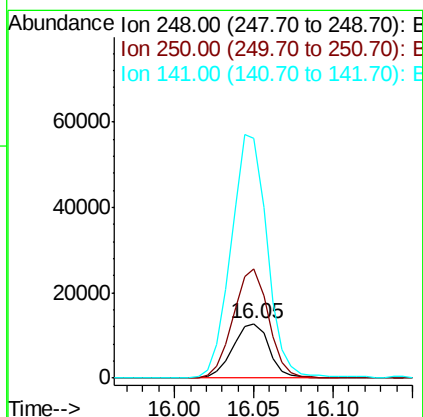
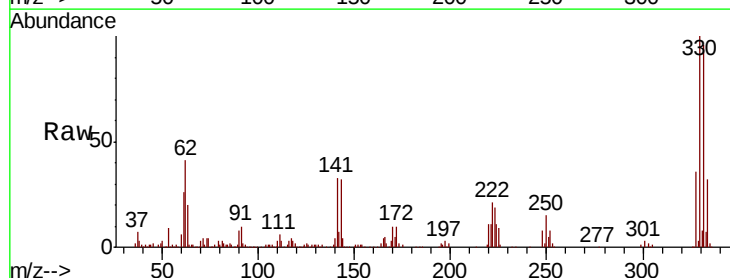
Instrument :
BNA_G
ClientSampleId :
DFTPP

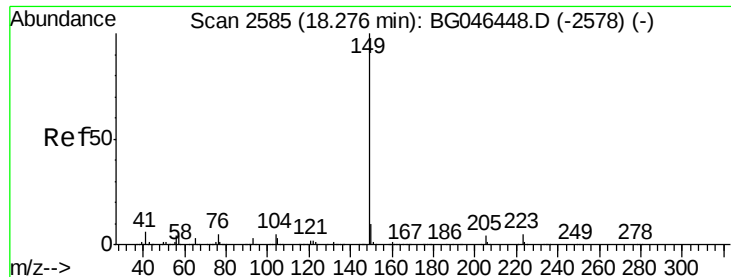
Tot Ion:188 Resp: 386728
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.4 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

Tgt Ion:248 Resp: 20315
Ion Ratio Lower Upper
248 100
250 200.2 78.6 118.0#
141 438.4 43.9 65.9#

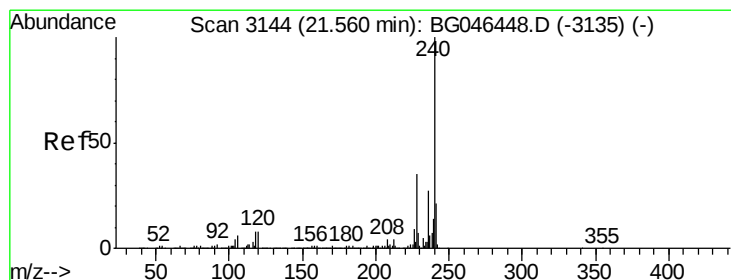
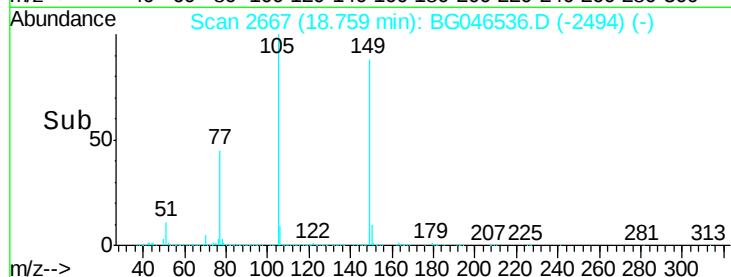
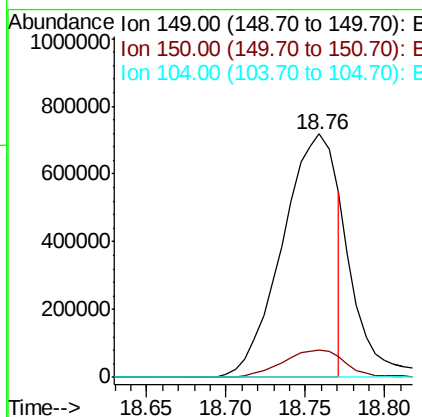
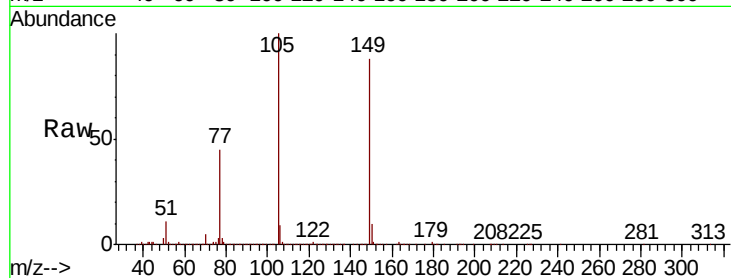




#74
Di-n-butylphthalate
Concen: 80.970 ng
RT: 18.76 min Scan# 2667
Delta R.T. 0.49 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

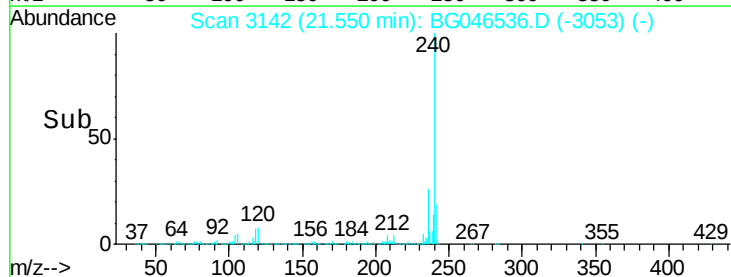
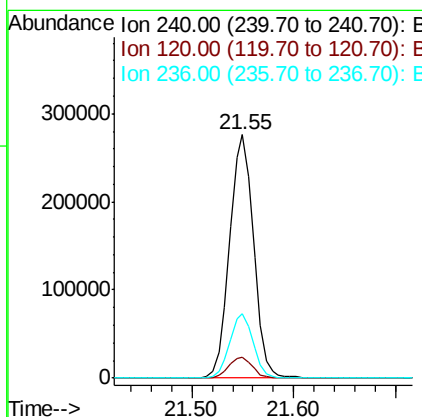
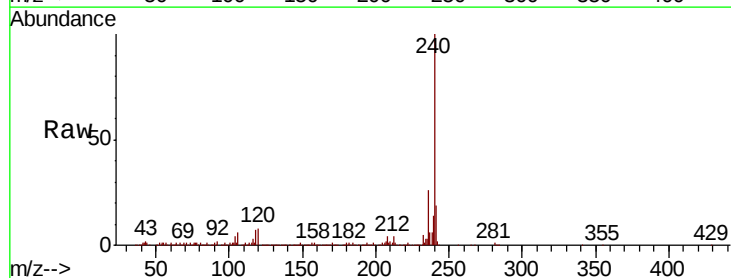
Instrument :
BNA_G
ClientSampleID :
DFTPP

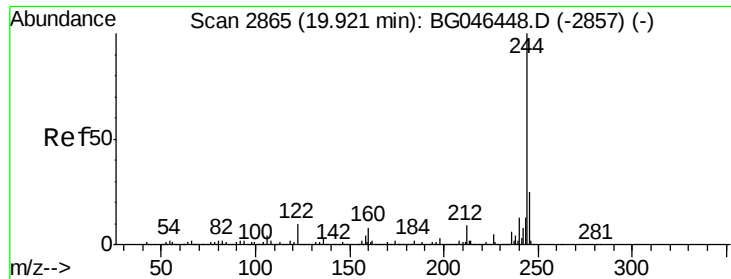
Tot Ion:149 Resp: 1700143
Ion Ratio Lower Upper
149 100
150 11.2 8.1 12.1
104 0.0 4.0 6.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

Tgt Ion:240 Resp: 453304
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 74.845 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

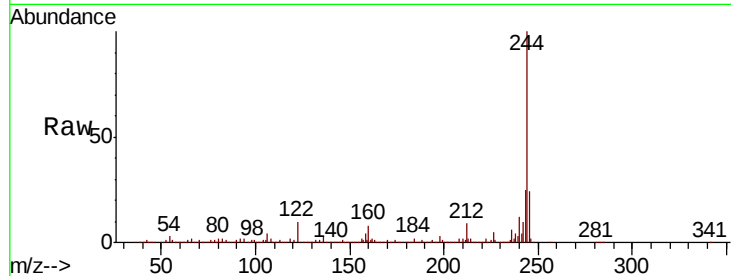
Tot Ion:244 Resp: 1594206

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

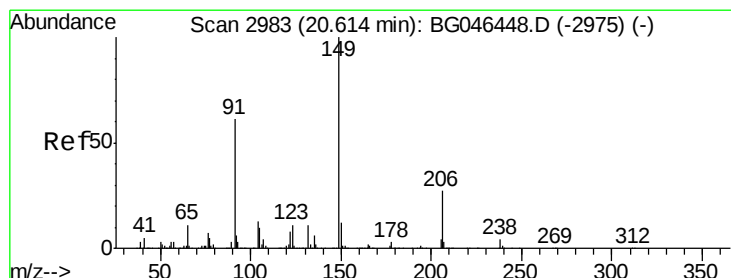
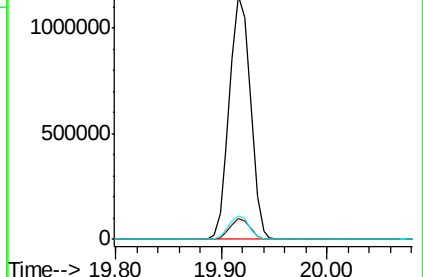
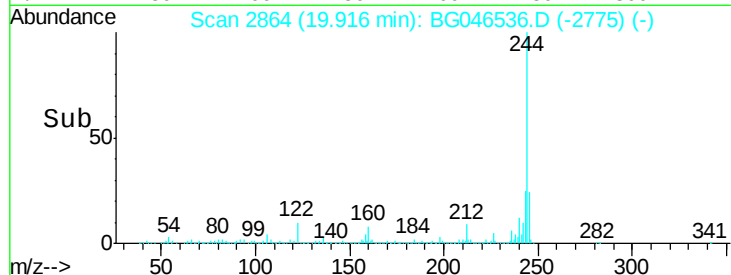
122 9.8 8.2 12.4



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



#80

Butylbenzylphthalate

Concen: 20.899 ng

RT: 20.89 min Scan# 3029

Delta R.T. 0.28 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

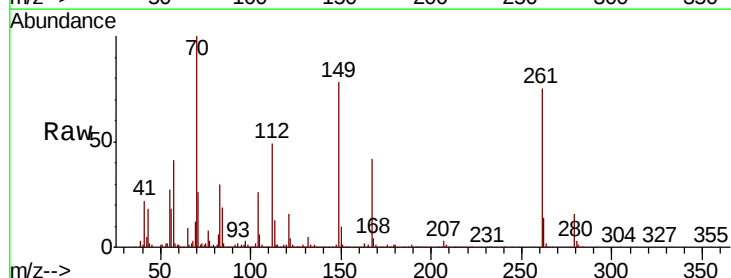
Tgt Ion:149 Resp: 235306

Ion Ratio Lower Upper

149 100

91 1.0 49.1 73.7#

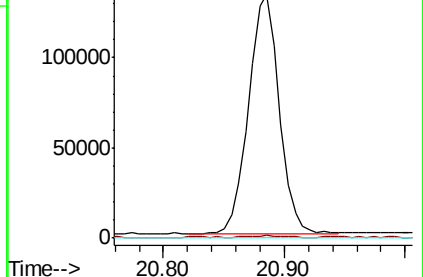
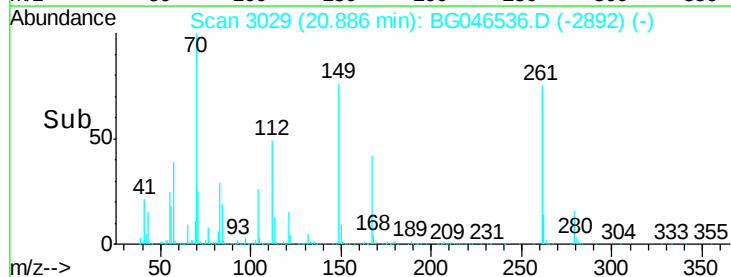
206 0.1 21.9 32.9#

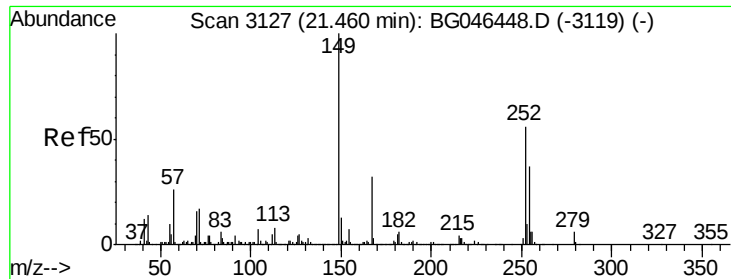


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 59.969 ng

RT: 21.29 min Scan# 3097

Delta R.T. -0.17 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

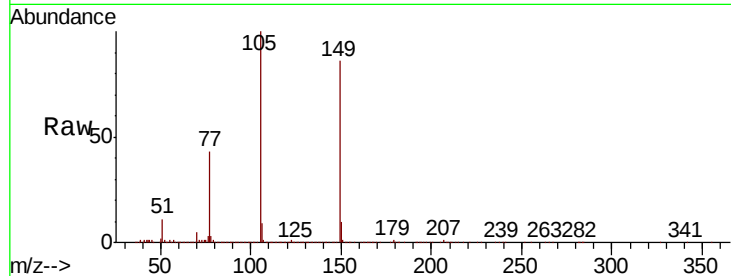
Tot Ion:149 Resp: 921437

Ion Ratio Lower Upper

149 100

167 0.1 25.4 38.2#

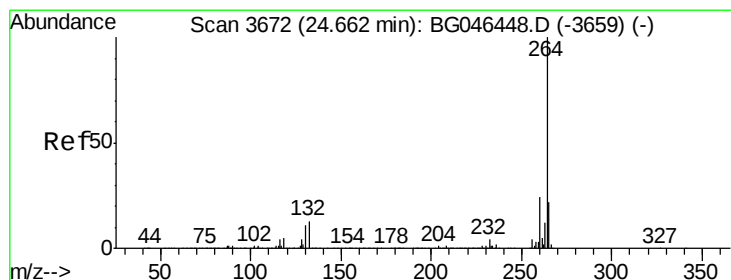
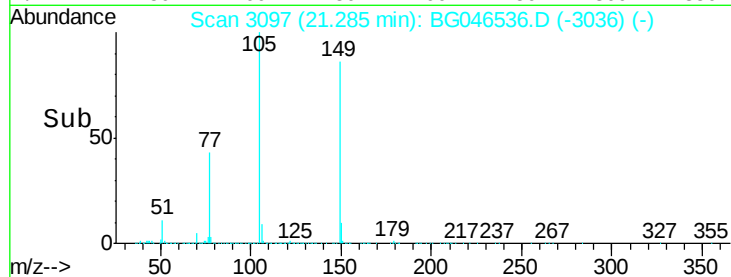
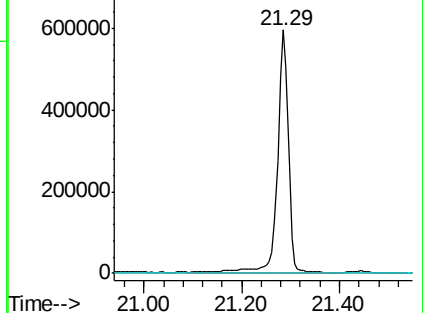
279 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

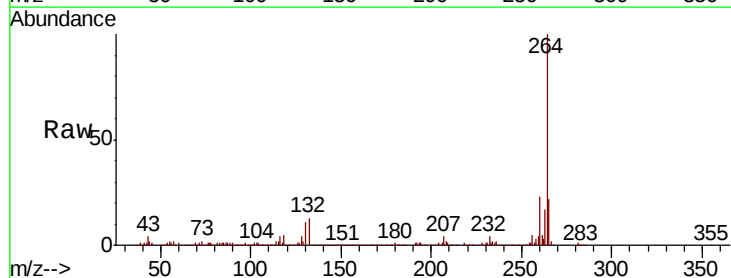
Tgt Ion:264 Resp: 465752

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 17.9 26.9



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

