

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046478.D
 Acq On : 31 Aug 2020 21:13
 Operator : CG/JU
 Sample : L3847-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-11-B

Quant Time: Sep 01 00:46:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73008	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	306997	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	220623	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	542946	20.00	ng	0.00
76) Chrysene-d12	21.55	240	546673	20.00	ng	0.00
86) Perylene-d12	24.65	264	568135	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	332057	80.56	ng	0.00
7) Phenol-d6	7.10	99	448757	76.80	ng	0.00
23) Nitrobenzene-d5	9.08	82	284559	52.98	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	223725	74.84	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	800438	55.38	ng	0.00
79) Terphenyl-d14	19.92	244	1308808	50.95	ng	0.00

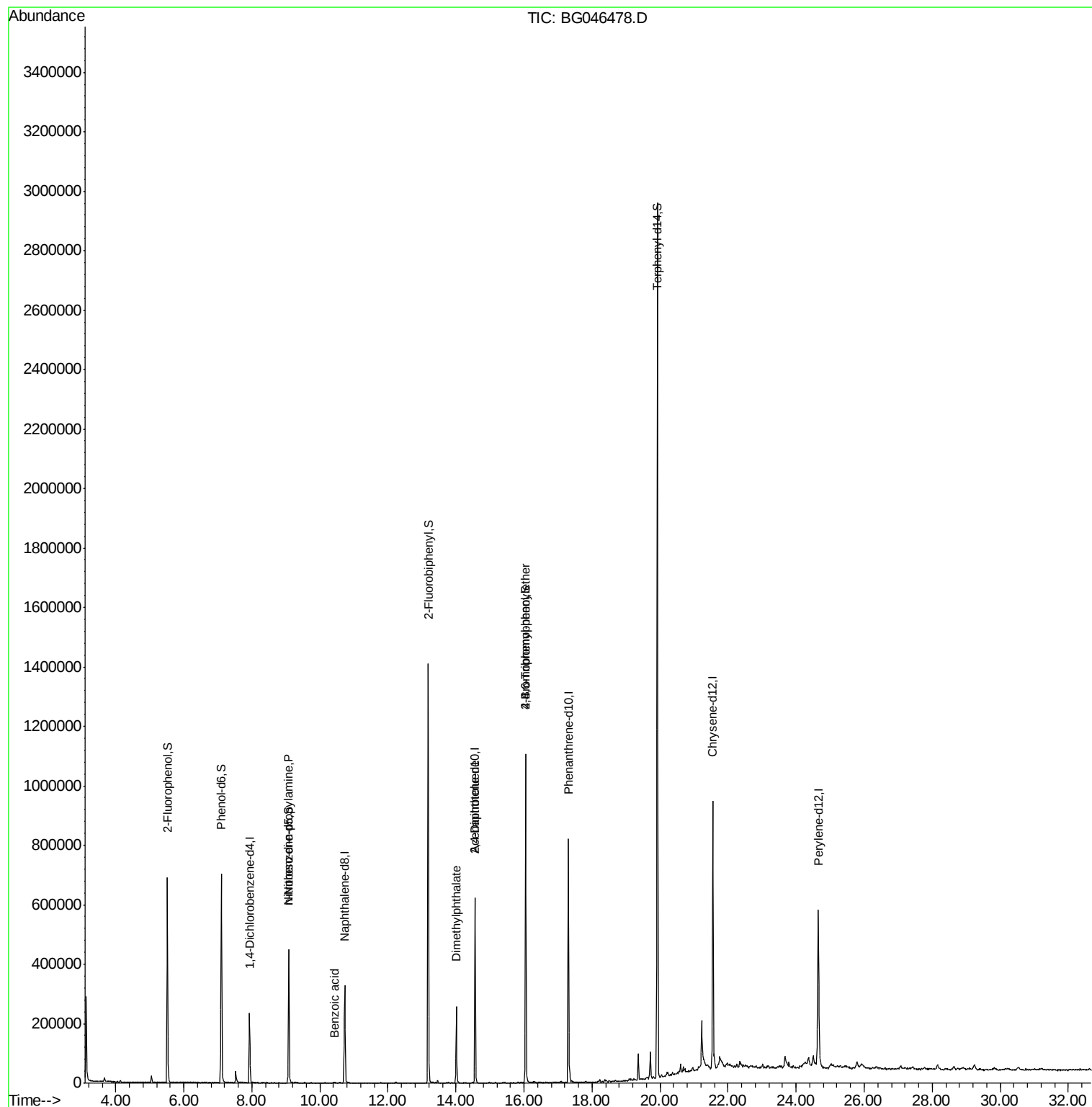
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.08	70	36398	10.414	ng	# 77
32) Benzoic acid	10.43	122	69	4.498	ng	# 1
50) Dimethylphthalate	14.01	163	194470	11.394	ng	99
57) 2,4-Dinitrotoluene	14.56	165	28874	5.382	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	17027	2.688	ng	# 1

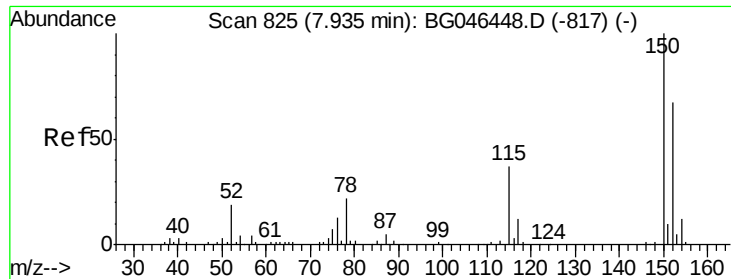
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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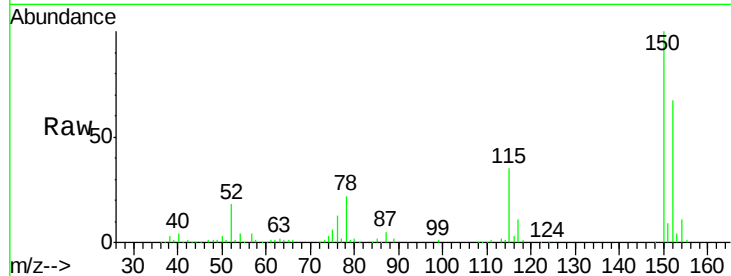


#1

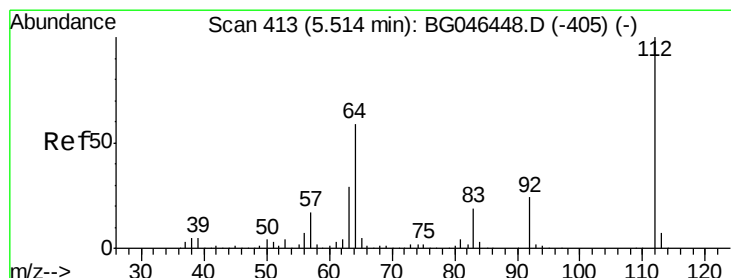
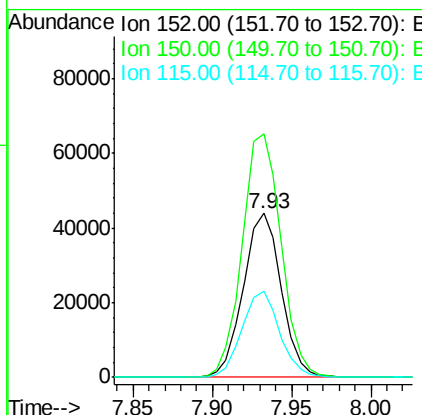
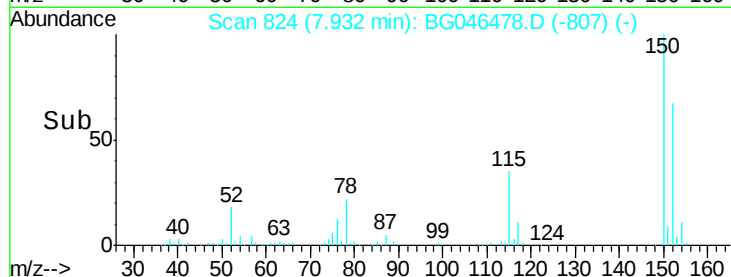
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046478.D
 Acq: 31 Aug 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-11-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	52.5	44.3	66.5



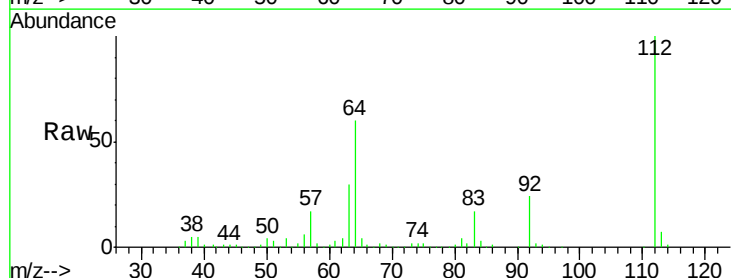
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



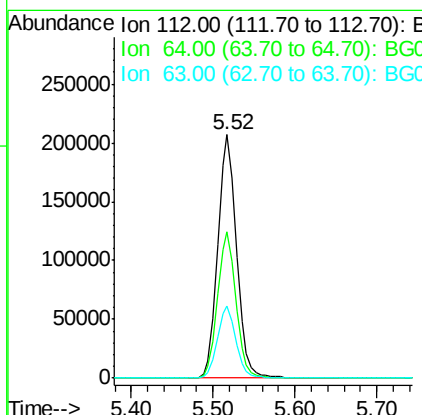
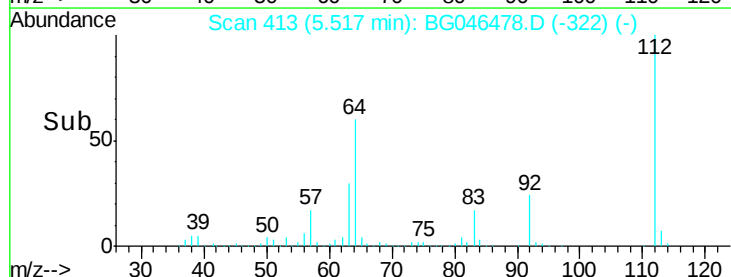
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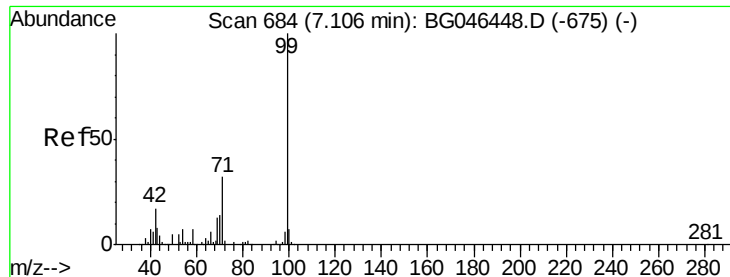
2-Fluorophenol
 Concen: 80.558 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BG046478.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.0	70.6
63	29.6	23.5	35.3



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: 76.798 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

Instrument :

BNA_G

ClientSampleId :

LINDEN-JOP-BH-11-B

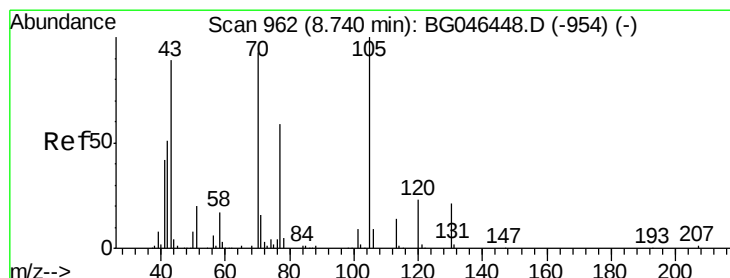
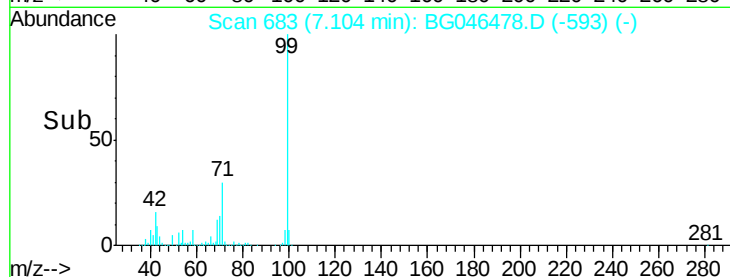
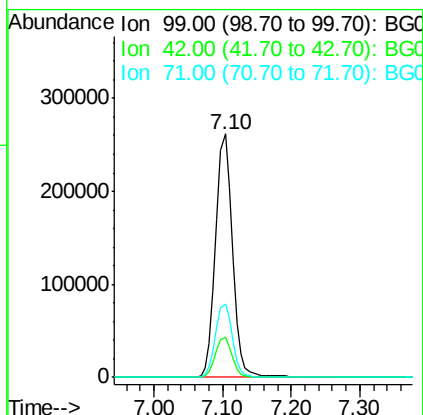
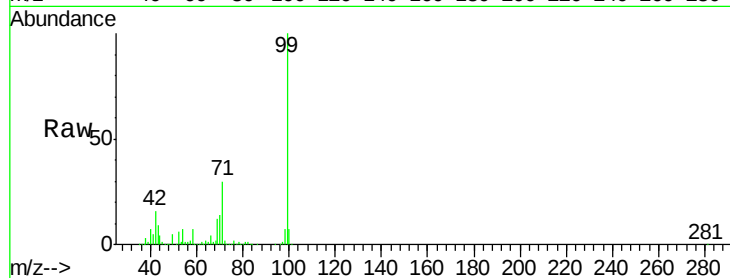
Tot Ion: 99 Resp: 448757

Ion Ratio Lower Upper

99 100

42 16.3 13.3 19.9

71 29.9 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.414 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

Tgt Ion: 70 Resp: 36398

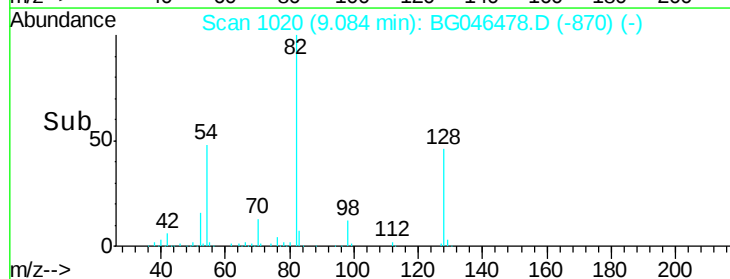
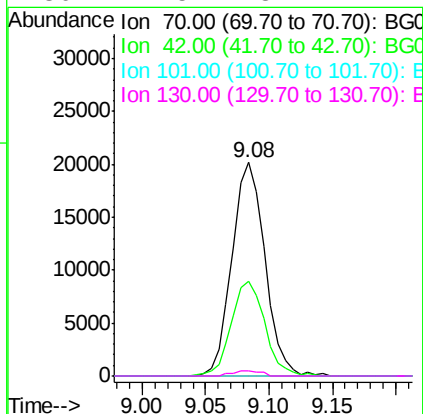
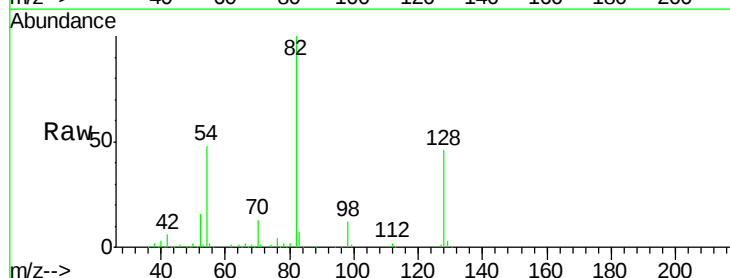
Ion Ratio Lower Upper

70 100

42 44.5 44.2 66.2

101 0.0 7.8 11.8#

130 2.5 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: BG046478.D

Acq: 31 Aug 2020 21:13

Instrument :

BNA_G

ClientSampleId :

LINDEN-JOP-BH-11-B

Tot Ion:136 Resp: 306997

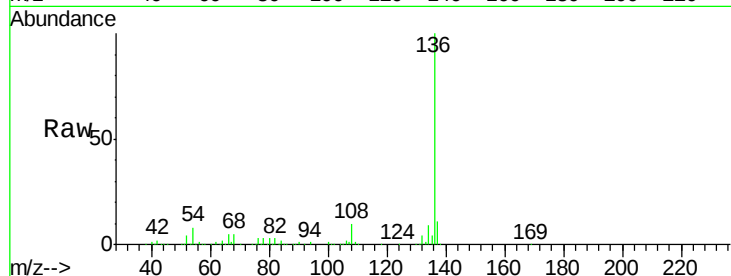
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 6.1 9.1

68 5.4 4.8 7.2

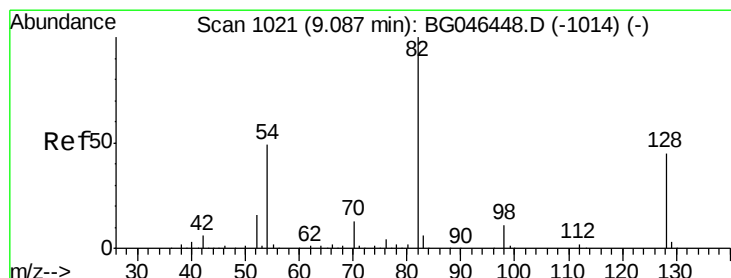
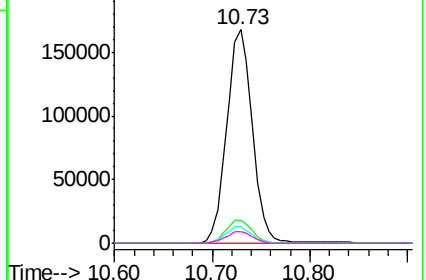
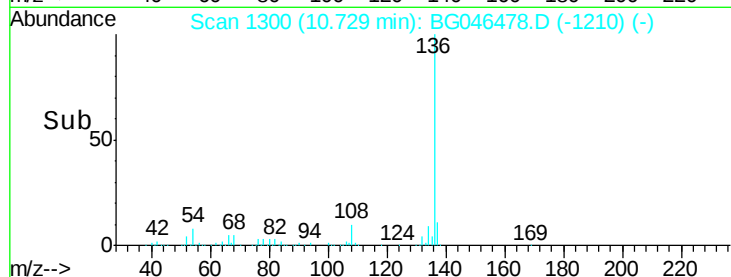


Abundance Ion 136.00 (135.70 to 136.70): B

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: 52.978 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

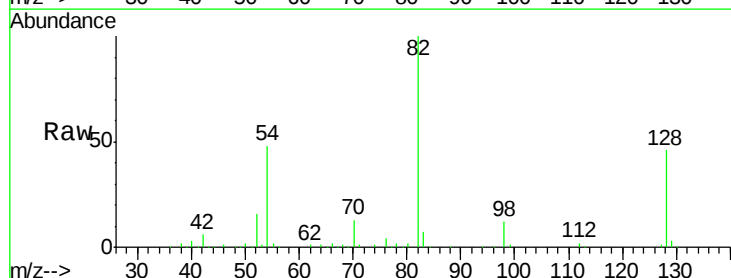
Tgt Ion: 82 Resp: 284559

Ion Ratio Lower Upper

82 100

128 45.7 35.7 53.5

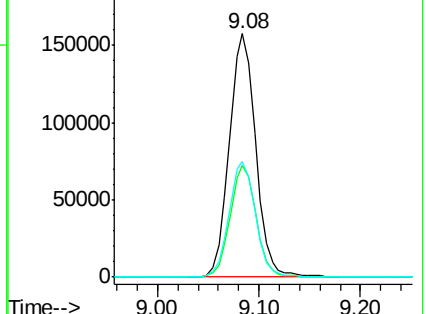
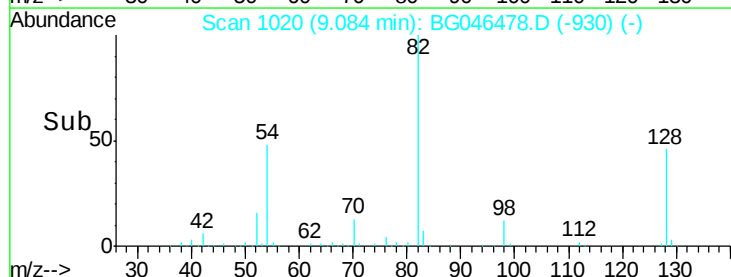
54 47.6 39.4 59.0

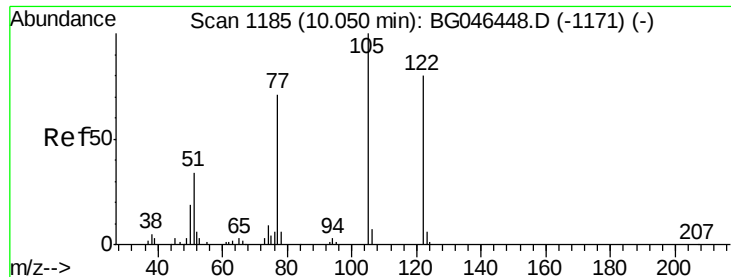


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

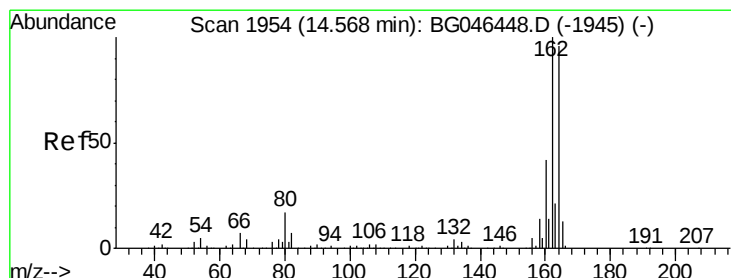
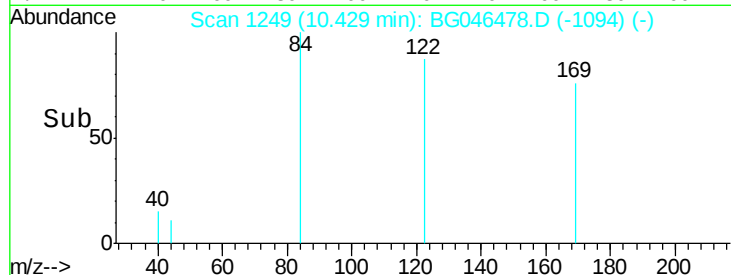
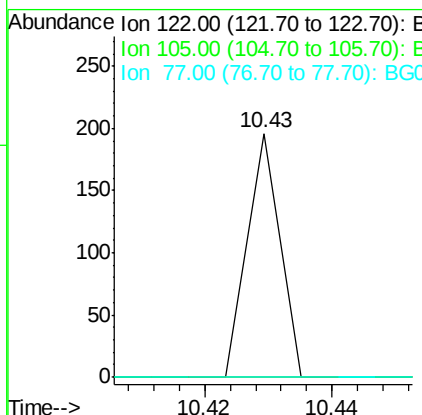
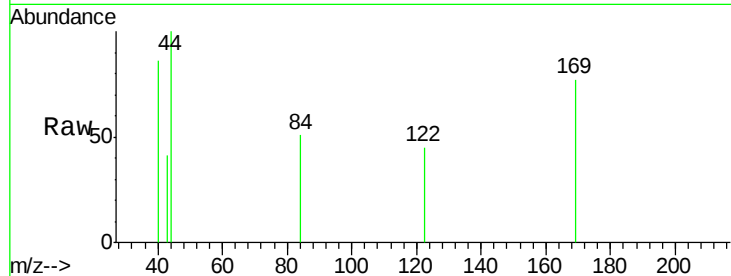




#32
Benzoic acid
Concen: 4.498 ng
RT: 10.43 min Scan# 1249
Delta R.T. 0.38 min
Lab File: BG046478.D
Acq: 31 Aug 2020 21:13

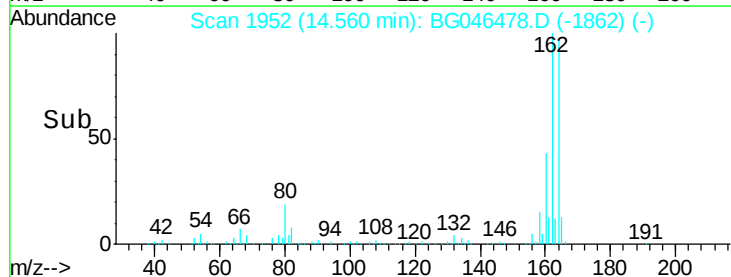
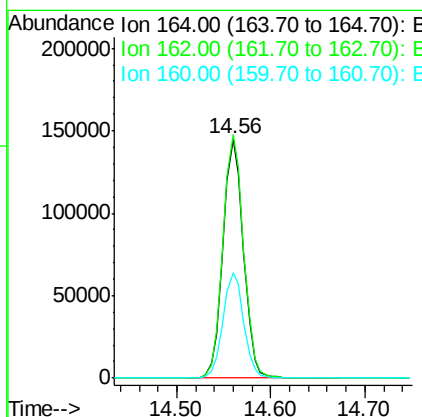
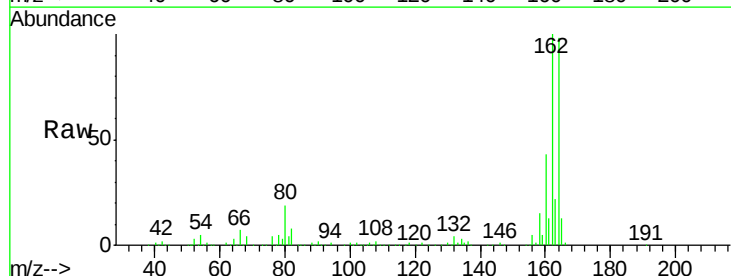
Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-11-B

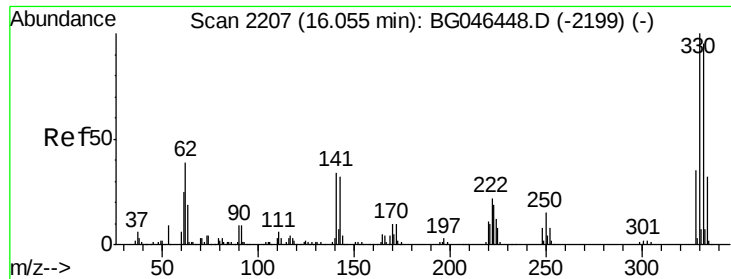
Tot Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 0.0 68.2 108.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046478.D
Acq: 31 Aug 2020 21:13

Tgt Ion:164 Resp: 220623
Ion Ratio Lower Upper
164 100
162 101.9 83.3 124.9
160 43.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 74.842 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

Instrument :

BNA_G

ClientSampleId :

LINDEN-JOP-BH-11-B

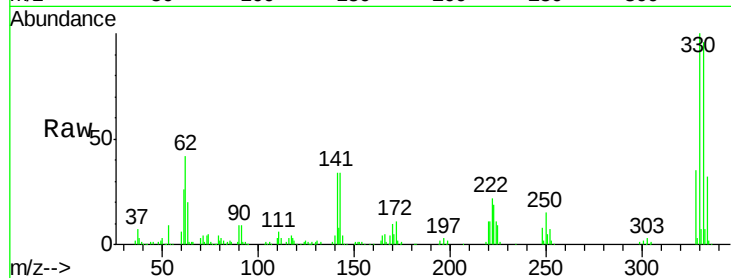
Tot Ion:330 Resp: 223725

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

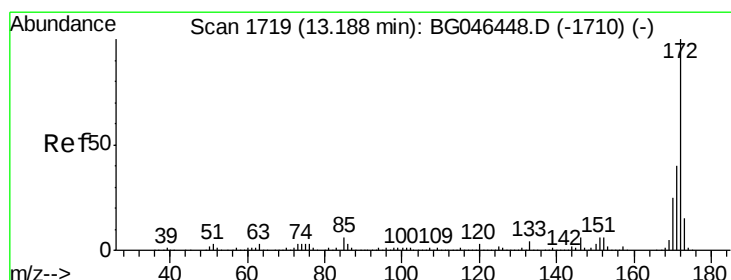
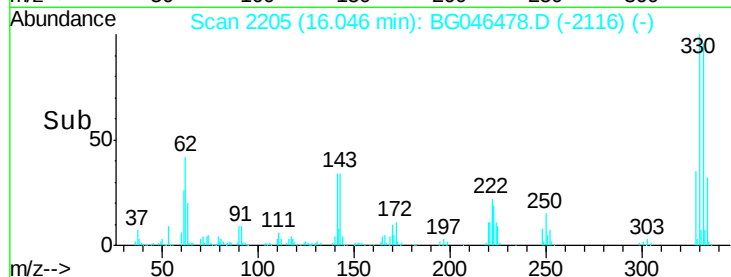
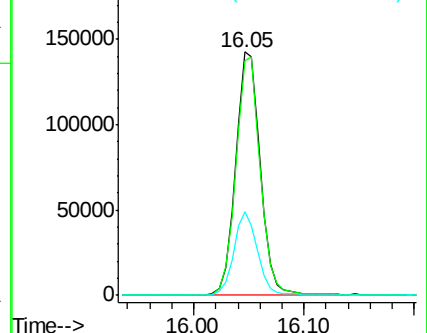
141 32.9 26.1 39.1



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: 55.385 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

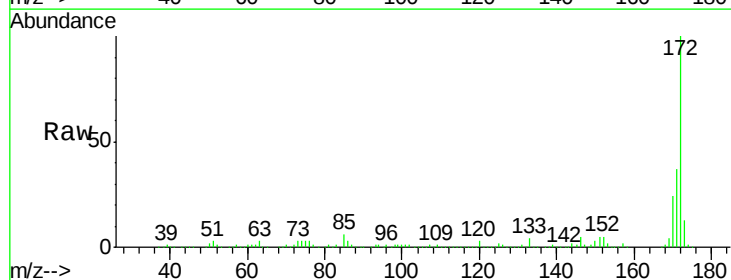
Tgt Ion:172 Resp: 800438

Ion Ratio Lower Upper

172 100

171 37.4 31.8 47.6

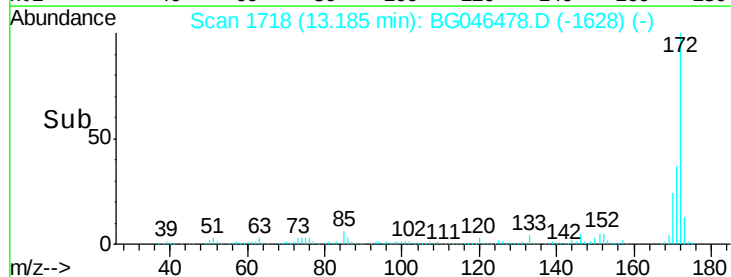
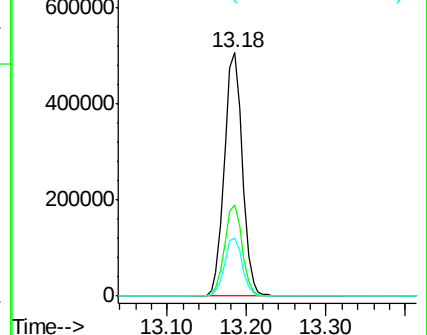
170 23.8 20.3 30.5

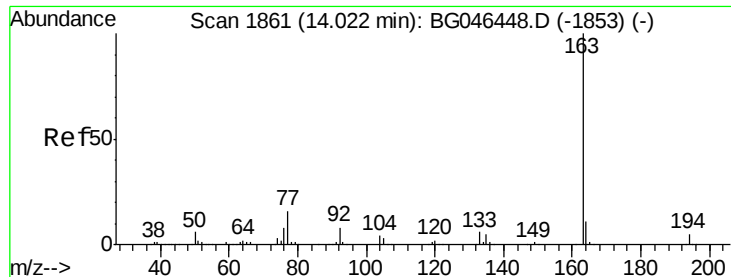


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.394 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

Instrument :

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ClientSampleId :

LINDEN-JOP-BH-11-B

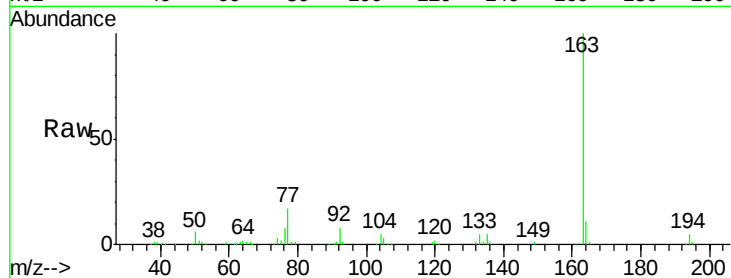
Tot Ion:163 Resp: 194470

Ion Ratio Lower Upper

163 100

194 5.2 3.7 5.5

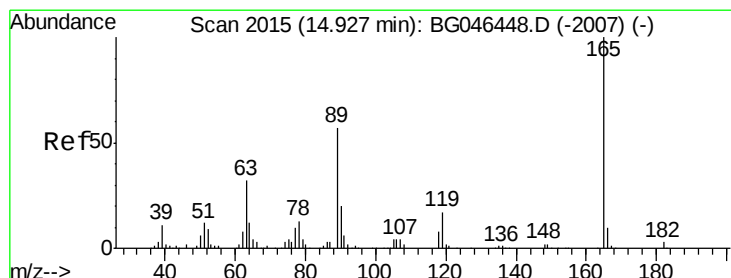
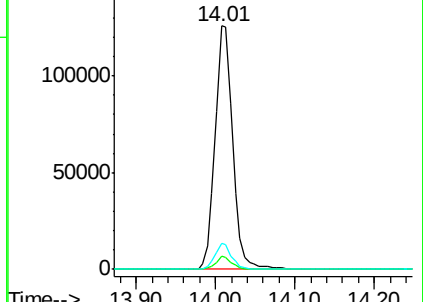
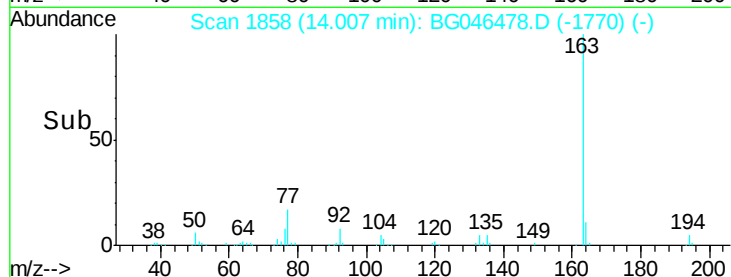
164 10.9 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 5.382 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.36 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

Tgt Ion:165 Resp: 28874

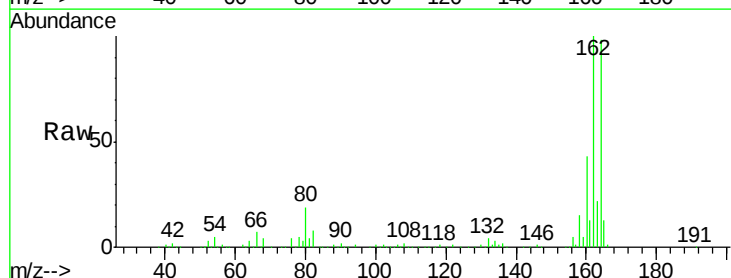
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 0.9 45.9 68.9#

182 0.0 2.3 3.5#

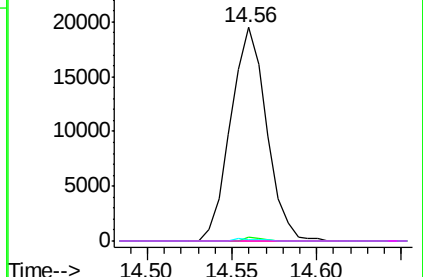
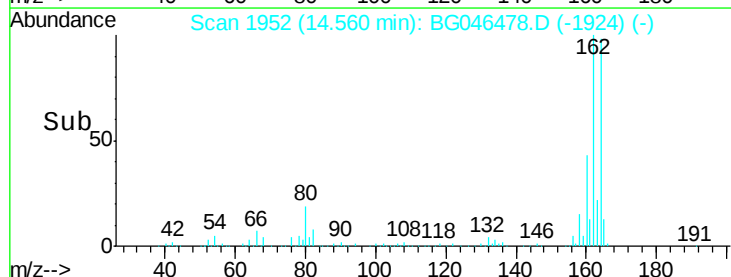


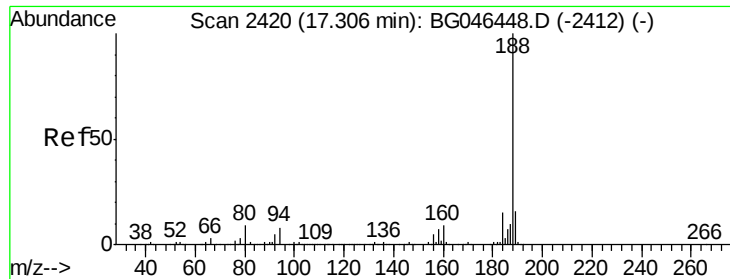
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

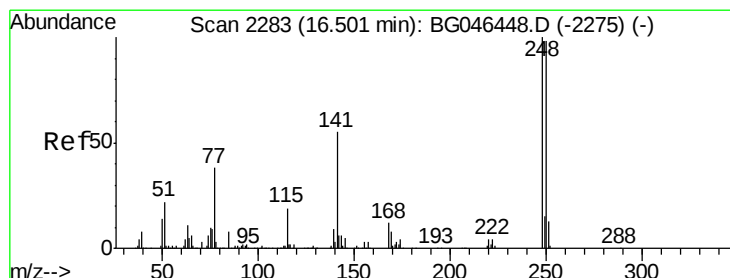
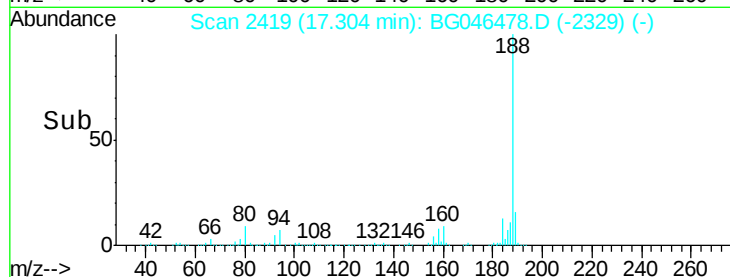
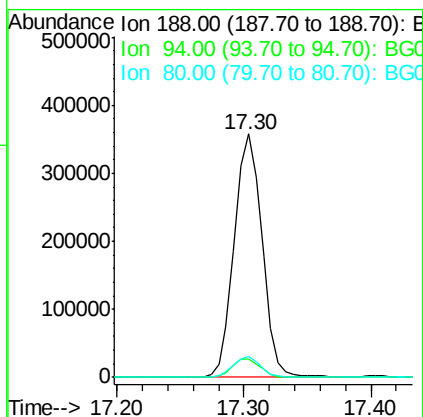
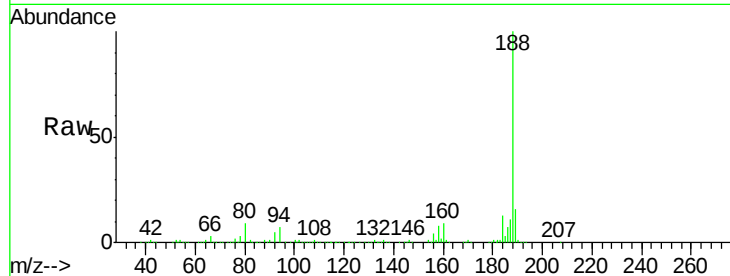




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046478.D
Acq: 31 Aug 2020 21:13

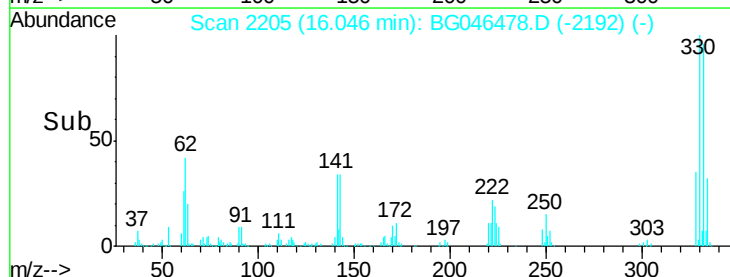
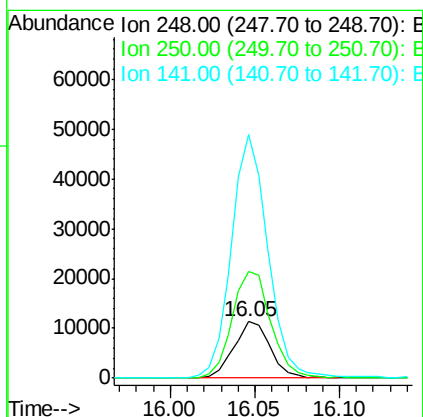
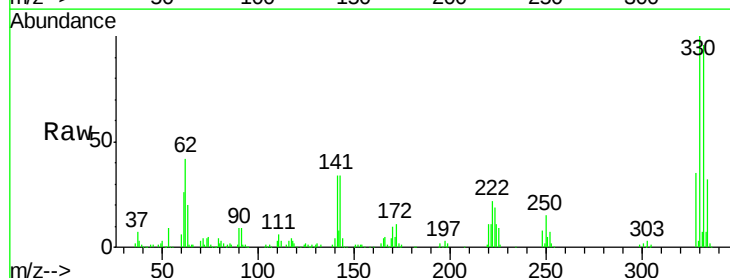
Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-11-B

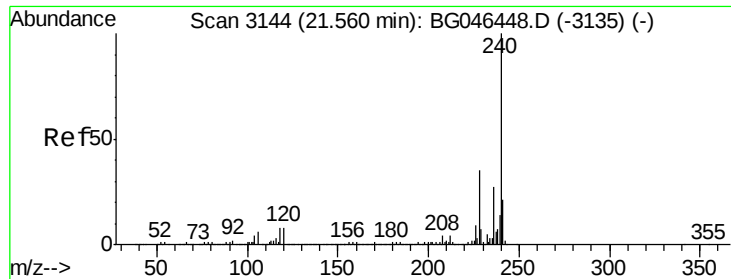
Tot Ion:188 Resp: 542946
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.6 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 2.688 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046478.D
Acq: 31 Aug 2020 21:13

Tgt Ion:248 Resp: 17027
Ion Ratio Lower Upper
248 100
250 188.7 78.6 118.0#
141 433.3 43.9 65.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

Instrument :

BNA_G

ClientSampleId :

LINDEN-JOP-BH-11-B

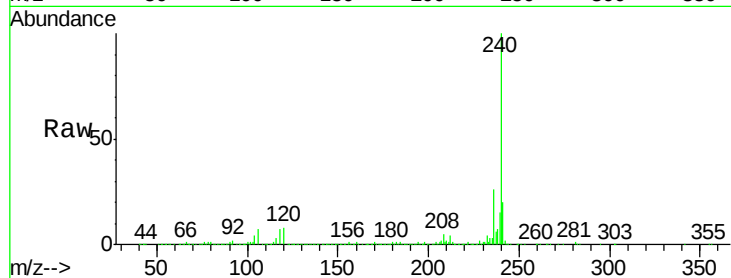
Tot Ion:240 Resp: 546673

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

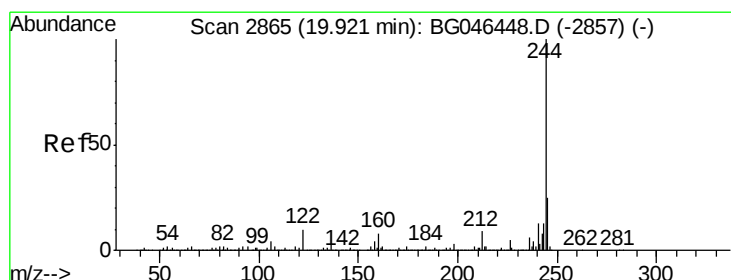
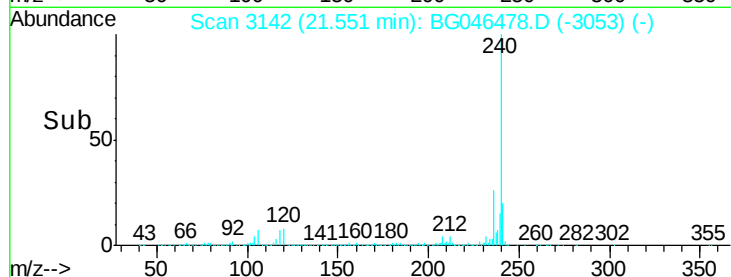
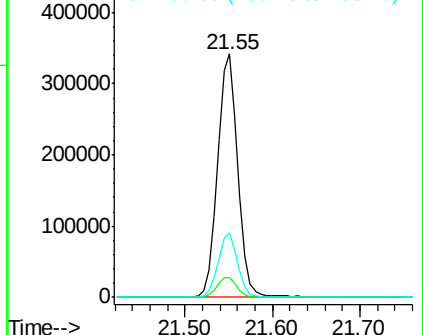
236 26.4 21.4 32.2



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: 50.951 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046478.D

Acq: 31 Aug 2020 21:13

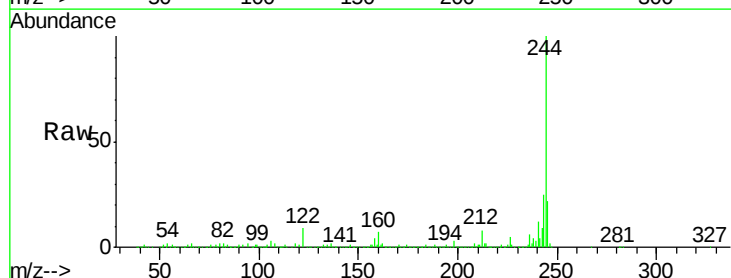
Tgt Ion:244 Resp: 1308808

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

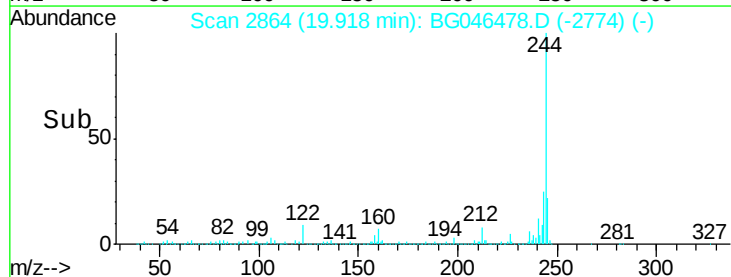
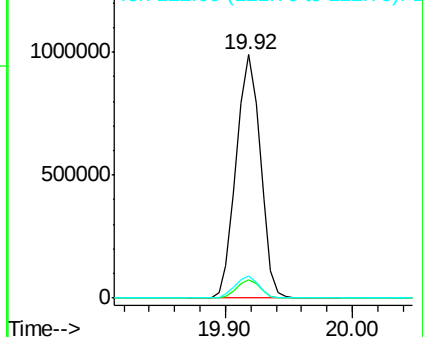
122 9.1 8.2 12.4

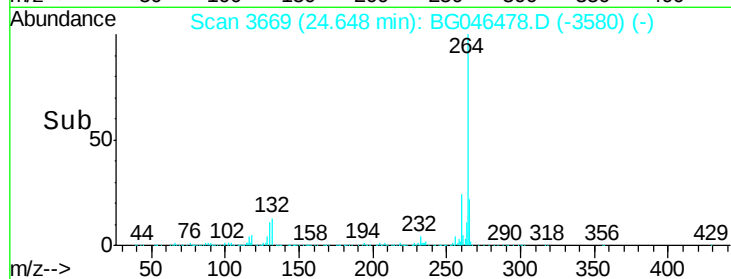
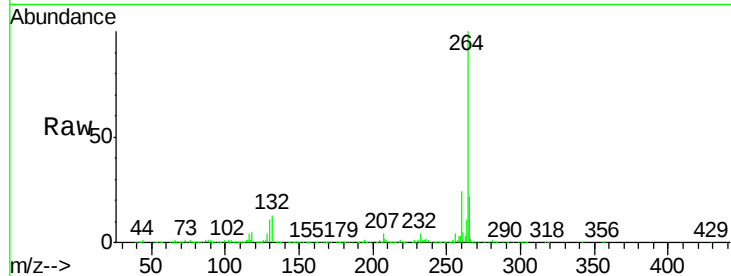
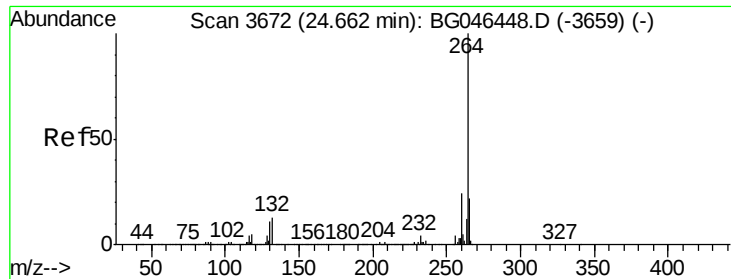


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046478.D
Acq: 31 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-11-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	17.9	26.9

