

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046276.D
 Acq On : 14 Aug 2020 15:17
 Operator : CG/JU
 Sample : PB130950BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130950BL

Quant Time: Aug 14 16:44:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

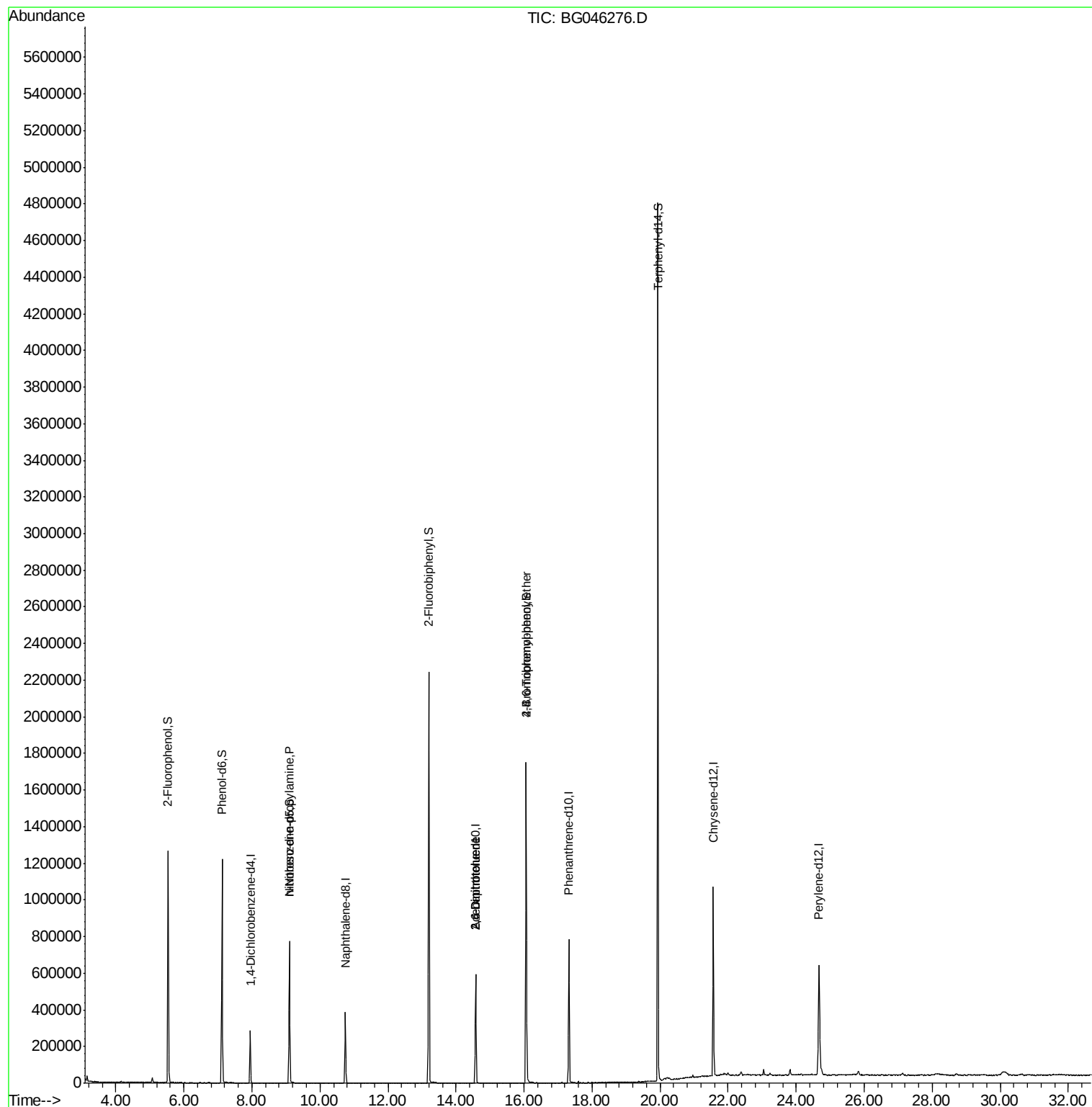
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	87414	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	345466	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	224686	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	533738	20.00	ng	0.00
76) Chrysene-d12	21.56	240	649253	20.00	ng	-0.01
86) Perylene-d12	24.67	264	650023	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	588113	116.96	ng	0.00
7) Phenol-d6	7.12	99	742504	108.34	ng	0.00
23) Nitrobenzene-d5	9.10	82	492621	77.21	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	406967	117.92	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1217915	78.74	ng	0.00
79) Terphenyl-d14	19.93	244	2046752	64.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	64189	14.392	ng	# 74
51) 2,6-Dinitrotoluene	14.58	165	29729	7.407	ng	# 29
57) 2,4-Dinitrotoluene	14.58	165	29729	5.387	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	24101	3.655	ng	# 1

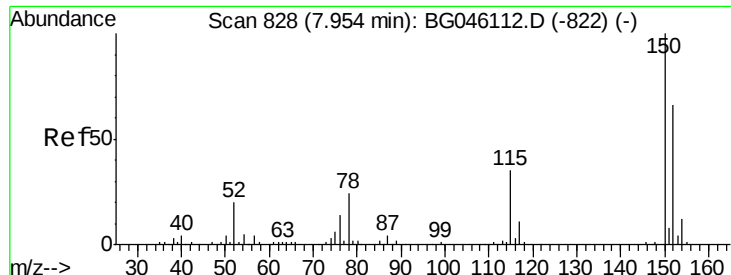
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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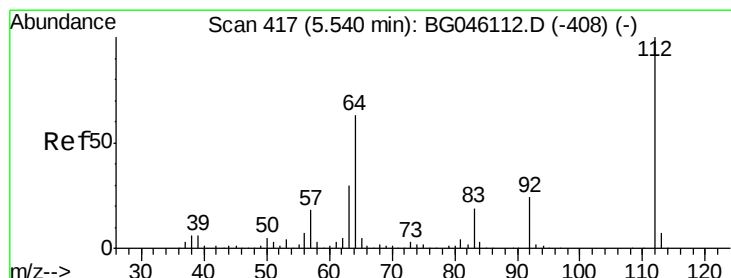
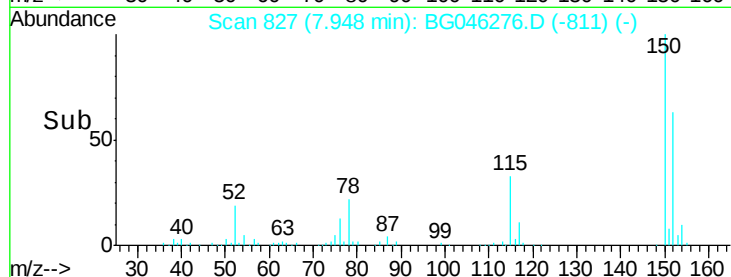
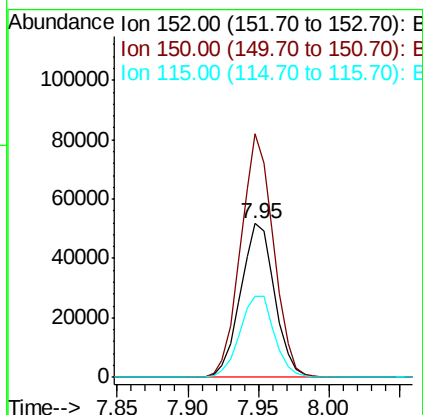
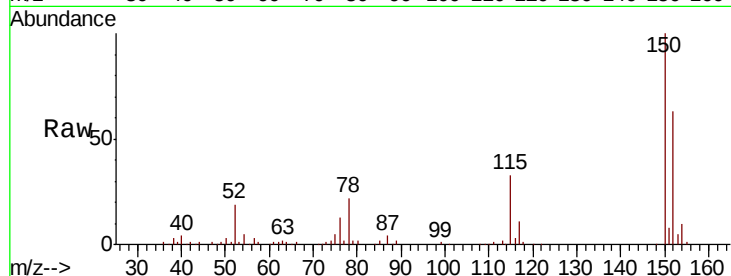


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046276.D
Acq: 14 Aug 2020 15:17

Instrument :
BNA_G
ClientSampleID :
PB130950BL

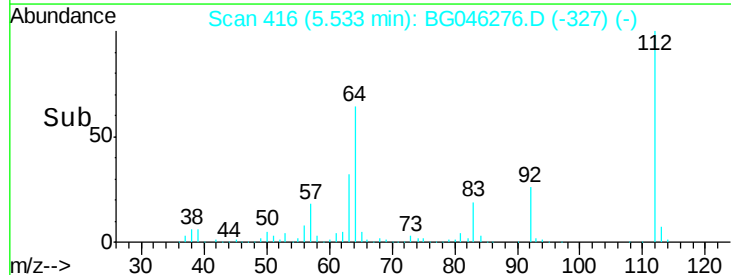
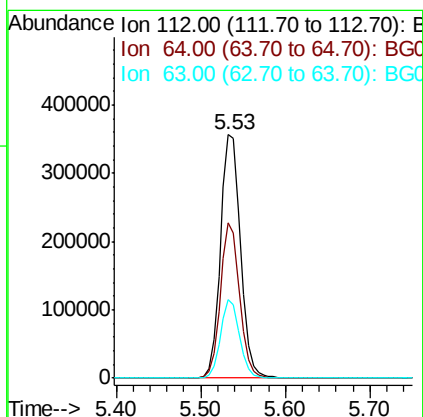
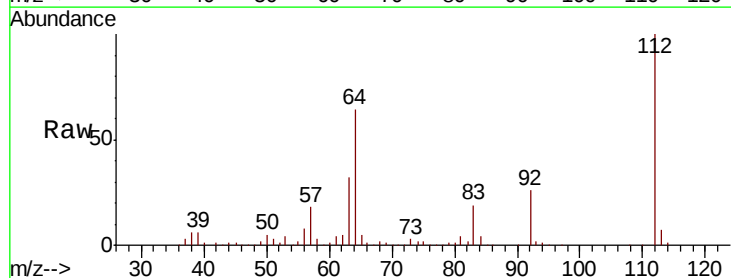
Tot Ion:152 Resp: 87414
Ion Ratio Lower Upper
152 100
150 158.5 122.1 183.1
115 52.6 43.2 64.8

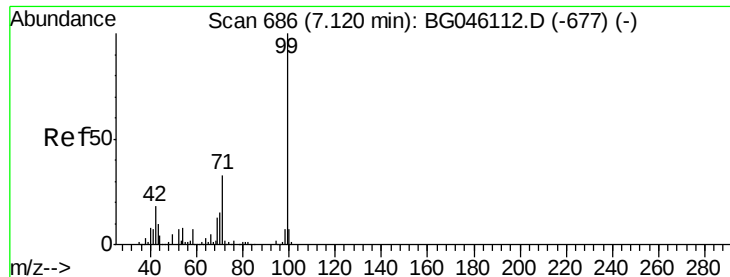


#5

2-Fluorophenol
Concen: 116.956 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046276.D
Acq: 14 Aug 2020 15:17

Tgt Ion:112 Resp: 588113
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.2
63 32.2 24.2 36.4





#7

Phenol-d6

Concen: 108.345 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB130950BL

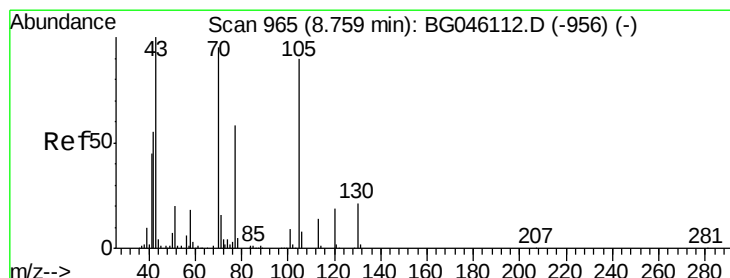
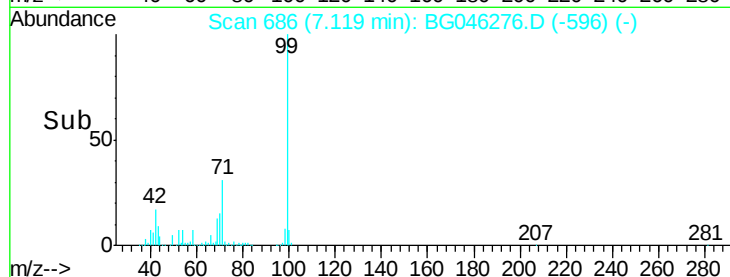
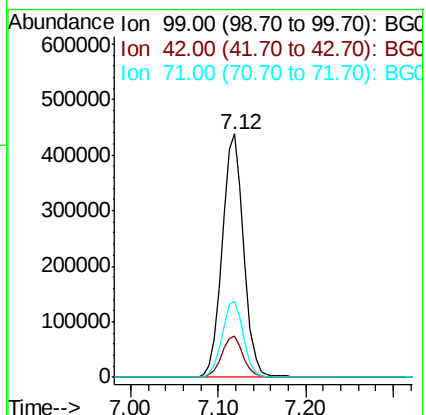
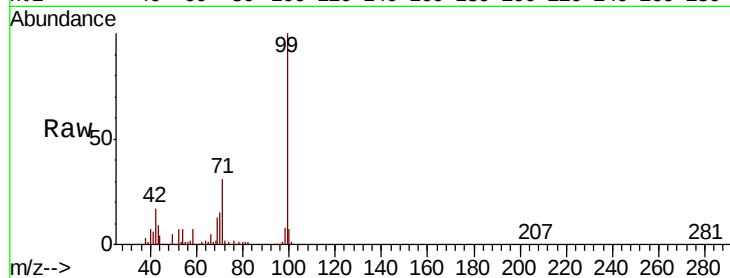
Tot Ion: 99 Resp: 742504

Ion Ratio Lower Upper

99 100

42 17.1 14.7 22.1

71 31.2 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.392 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

Tgt Ion: 70 Resp: 64189

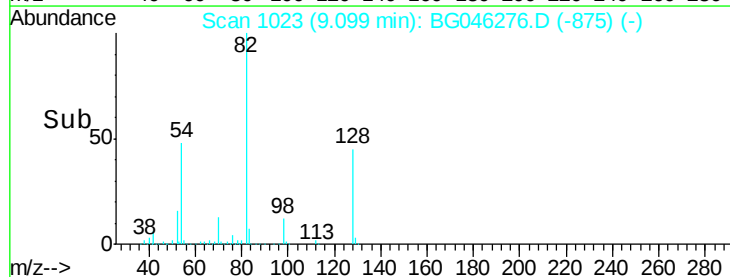
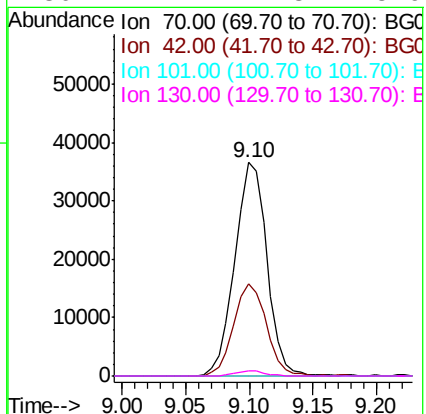
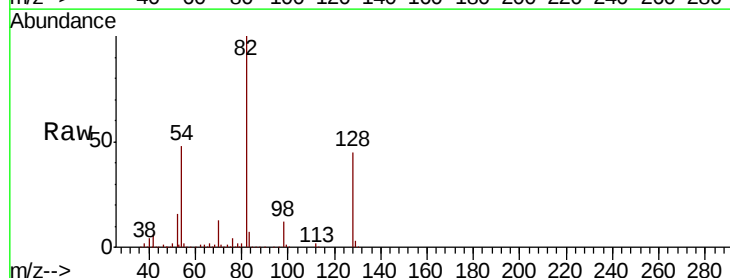
Ion Ratio Lower Upper

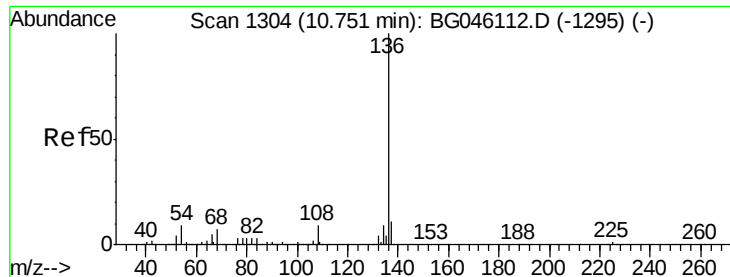
70 100

42 43.0 46.5 69.7#

101 0.0 7.6 11.4#

130 2.2 17.3 25.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB130950BL

Tot Ion:136 Resp: 345466

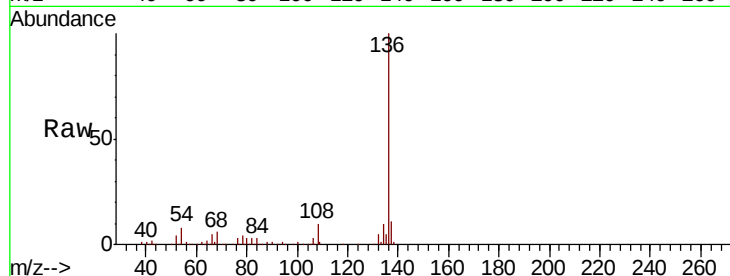
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.5 7.0 10.4

68 5.9 5.3 7.9

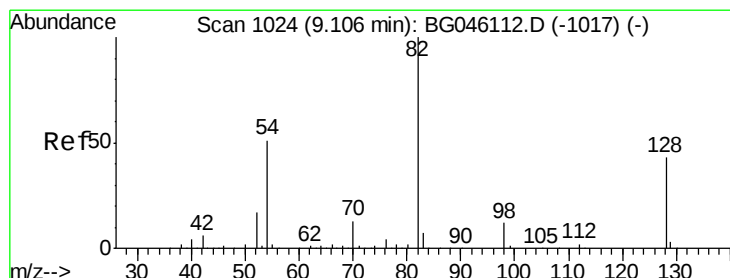
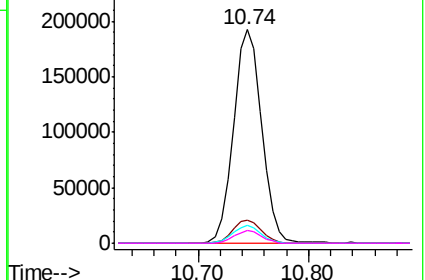
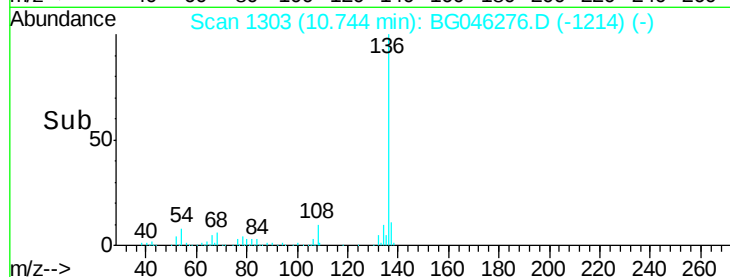


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.205 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

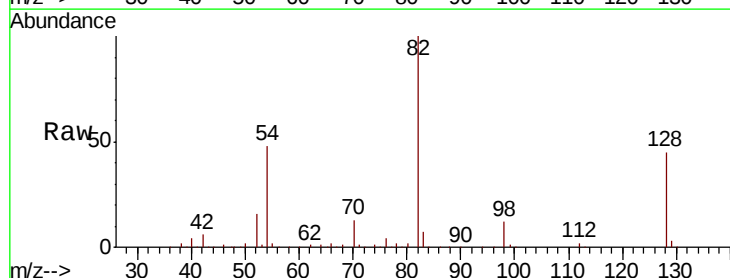
Tgt Ion: 82 Resp: 492621

Ion Ratio Lower Upper

82 100

128 44.9 34.4 51.6

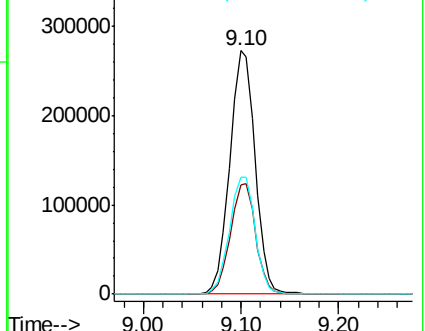
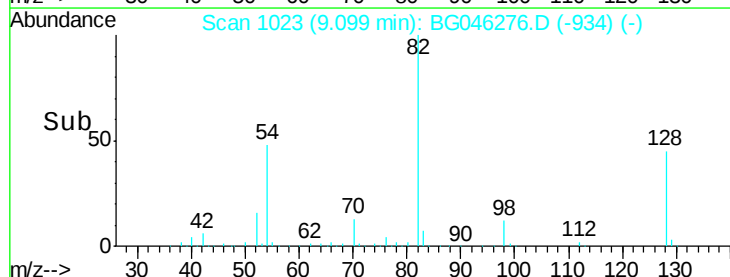
54 48.0 40.8 61.2

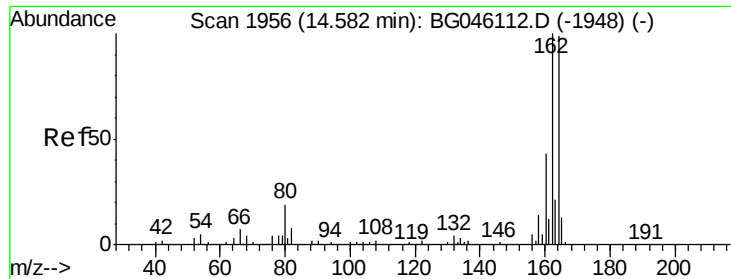


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB130950BL

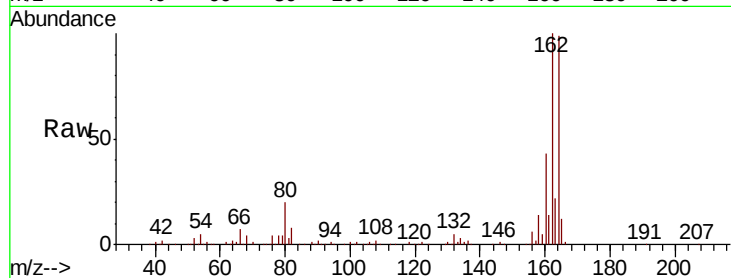
Tot Ion:164 Resp: 224686

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

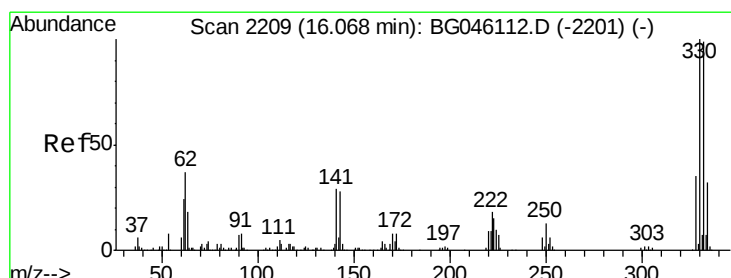
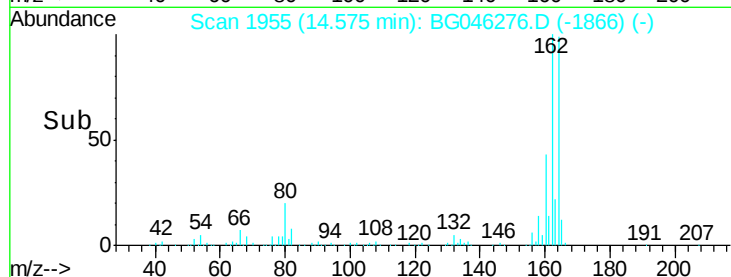
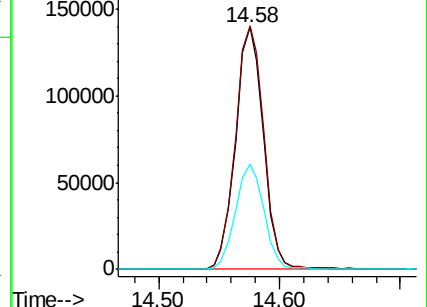
160 43.6 34.9 52.3



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: 117.923 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

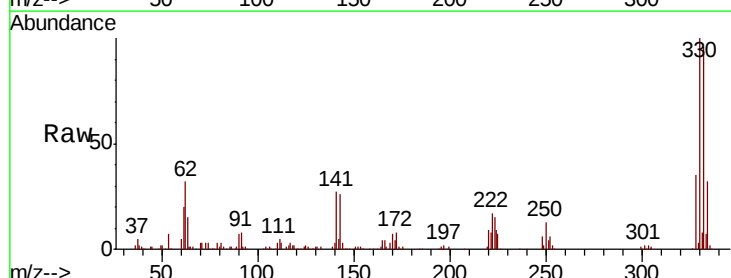
Tgt Ion:330 Resp: 406967

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

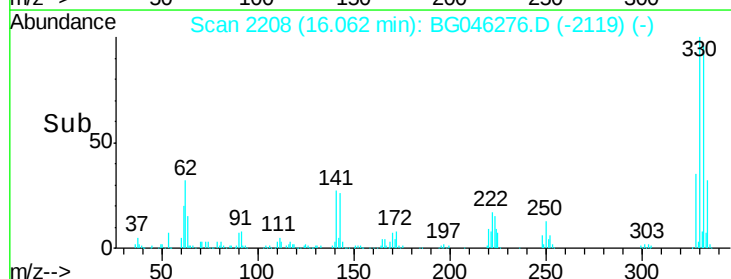
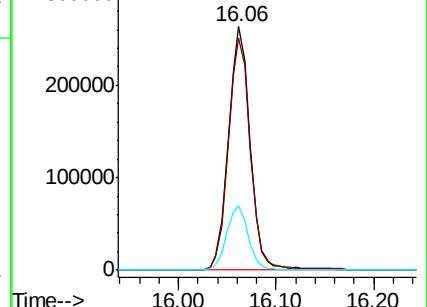
141 26.7 23.4 35.0

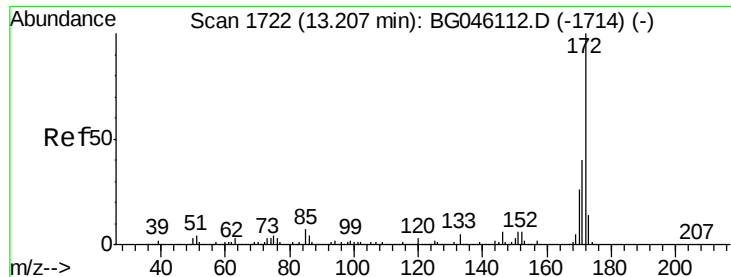


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

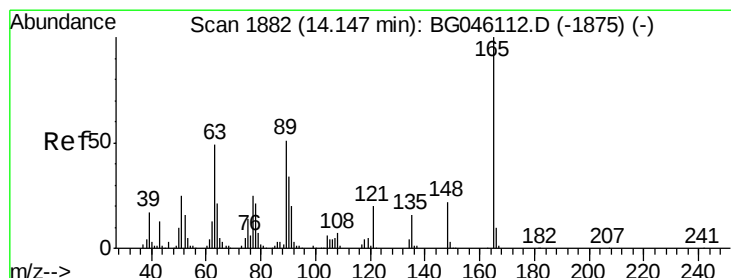
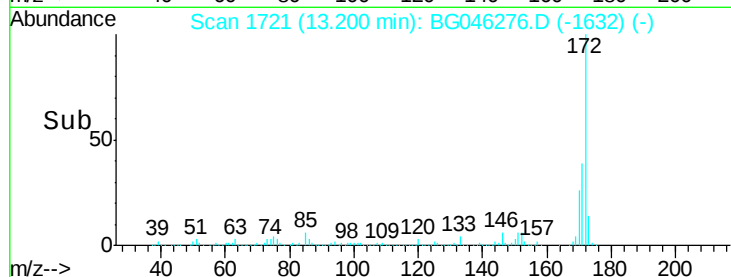
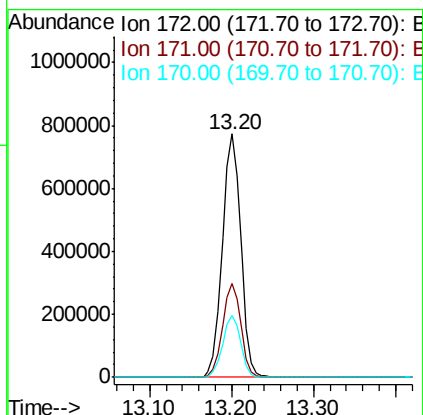
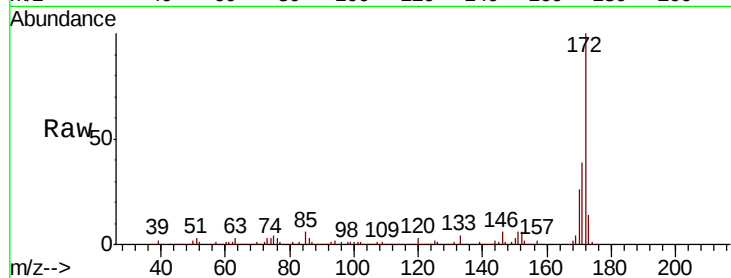




#45
2-Fluorobiphenyl
Concen: 78.740 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046276.D
Acq: 14 Aug 2020 15:17

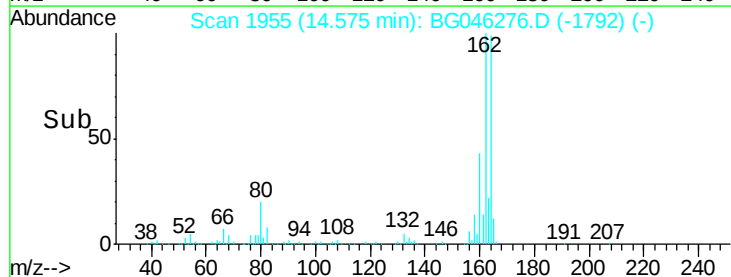
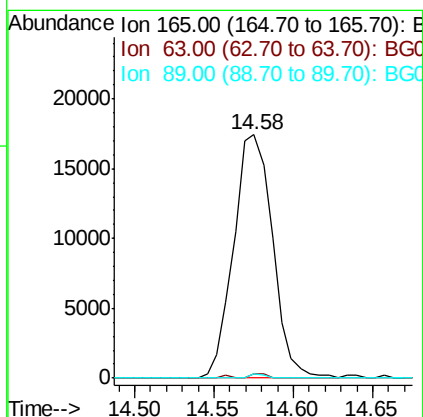
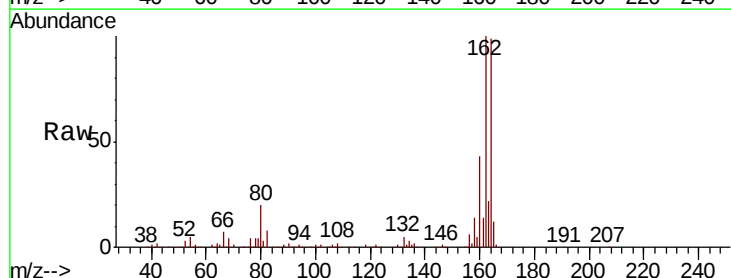
Instrument :
BNA_G
ClientSampleId :
PB130950BL

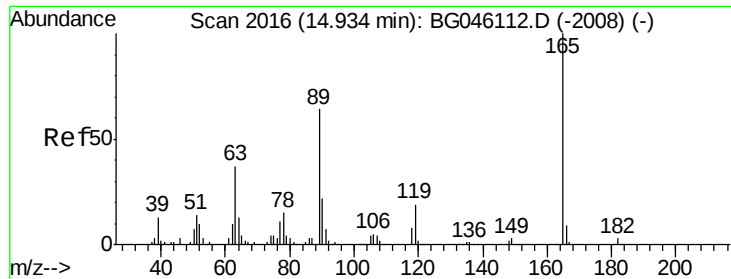
Tot Ion:172 Resp: 1217915
Ion Ratio Lower Upper
172 100
171 38.6 31.7 47.5
170 25.6 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.407 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046276.D
Acq: 14 Aug 2020 15:17

Tgt Ion:165 Resp: 29729
Ion Ratio Lower Upper
165 100
63 1.7 39.7 59.5#
89 1.6 41.0 61.6#





#57

2,4-Dinitrotoluene

Concen: 5.387 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB130950BL

Tot Ion:165 Resp: 29729

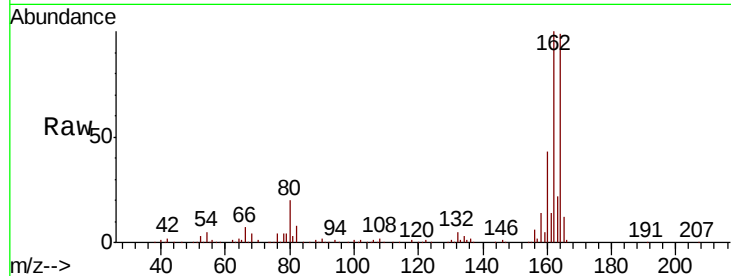
Ion Ratio Lower Upper

165 100

63 1.7 30.1 45.1#

89 1.6 51.4 77.2#

182 0.0 2.3 3.5#

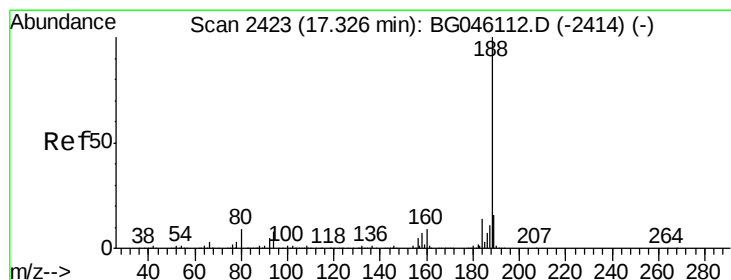
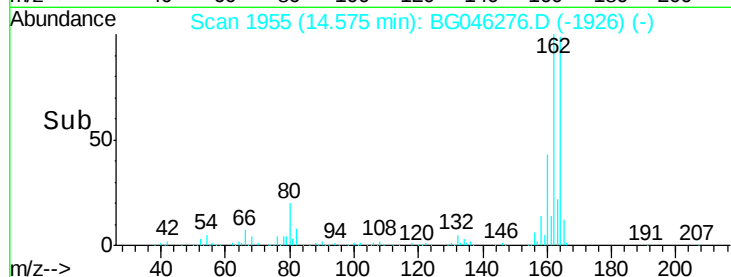
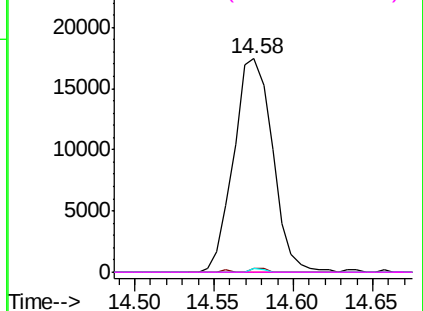


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

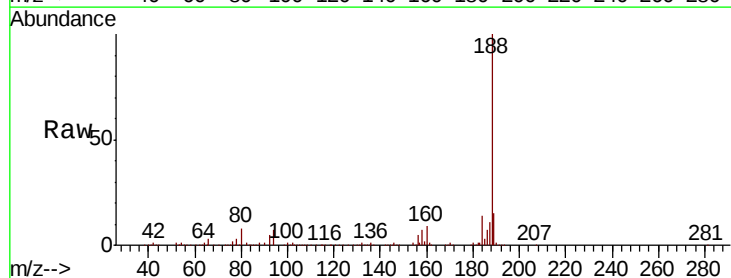
Tgt Ion:188 Resp: 533738

Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

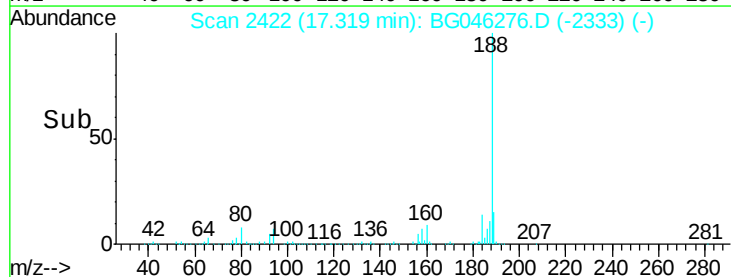
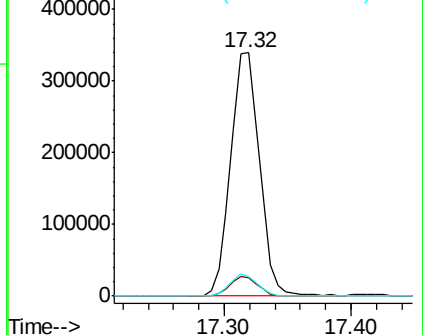
80 8.3 7.4 11.0

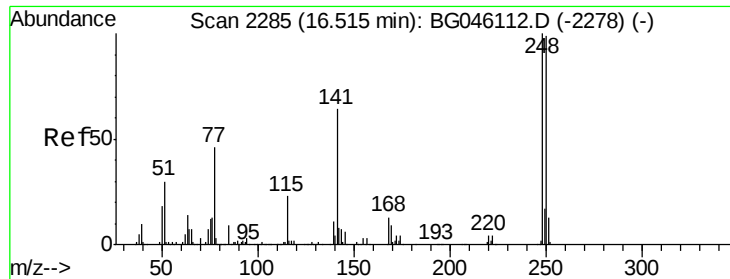


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

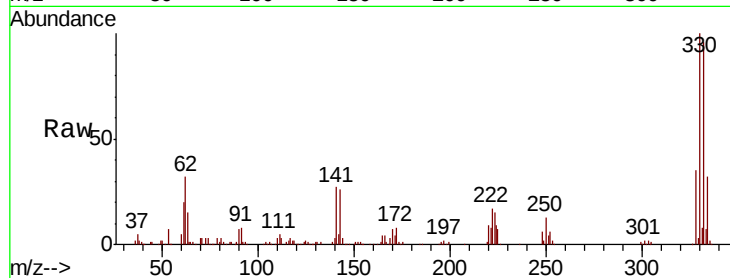




#67
 4-Bromophenyl-phenylether
 Concen: 3.655 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.45 min
 Lab File: BG046276.D
 Acq: 14 Aug 2020 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB130950BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	211.9	79.4	119.0#
141	448.3	50.9	76.3#

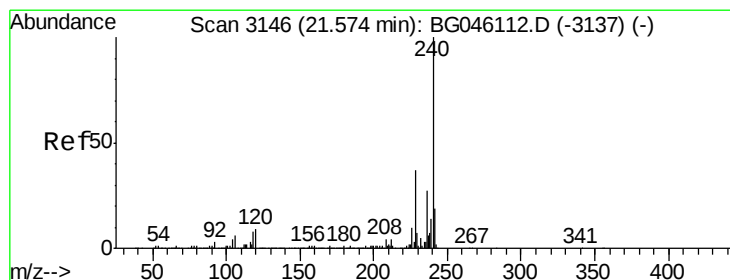
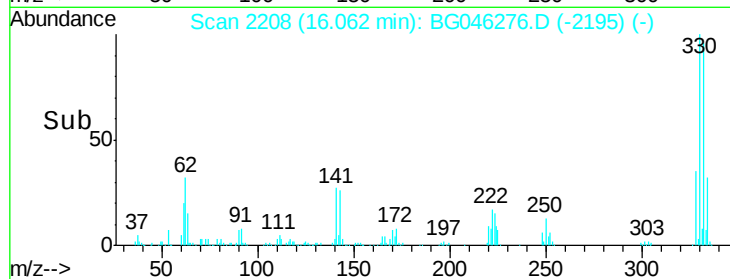
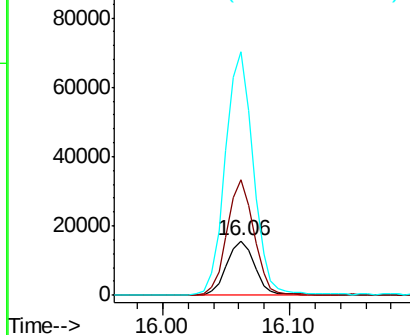


Abundance

Ion 248.00 (247.70 to 248.70): E

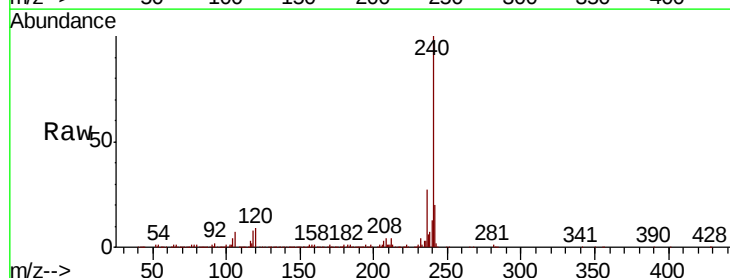
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG046276.D
 Acq: 14 Aug 2020 15:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.1	10.7
236	26.5	21.7	32.5

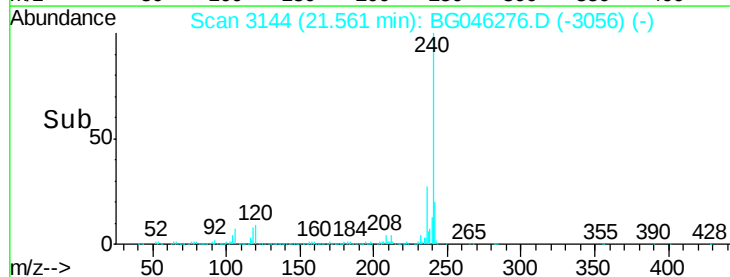
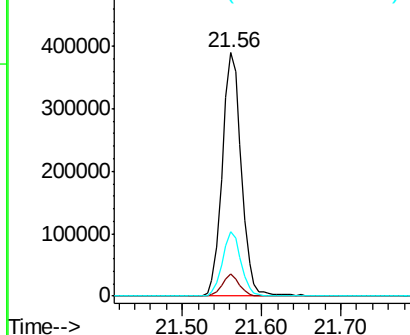


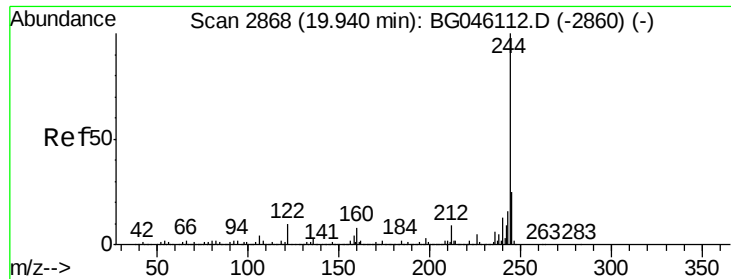
Abundance

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: 64.204 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

Instrument :

BNA_G

ClientSampleId :

PB130950BL

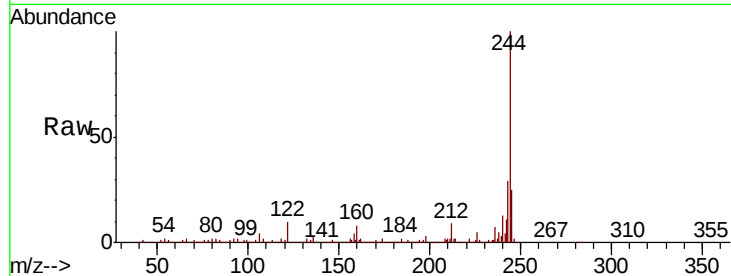
Tot Ion:244 Resp: 2046752

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

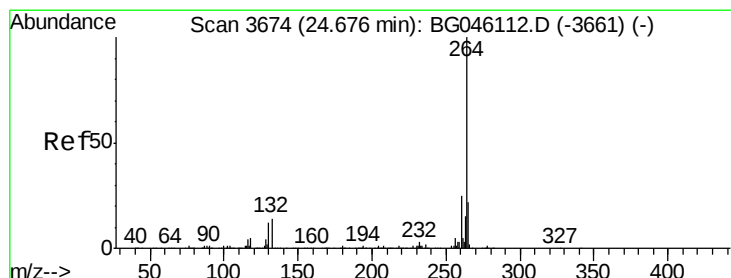
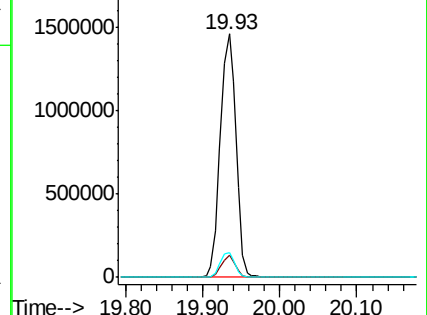
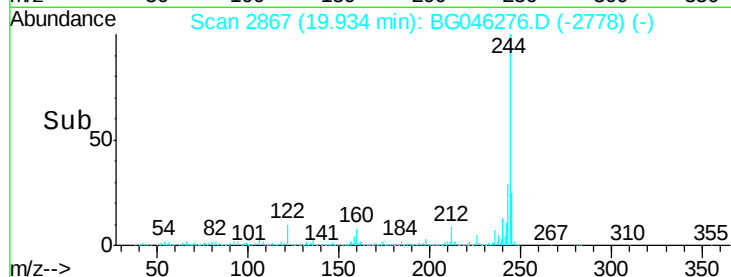
122 10.3 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046276.D

Acq: 14 Aug 2020 15:17

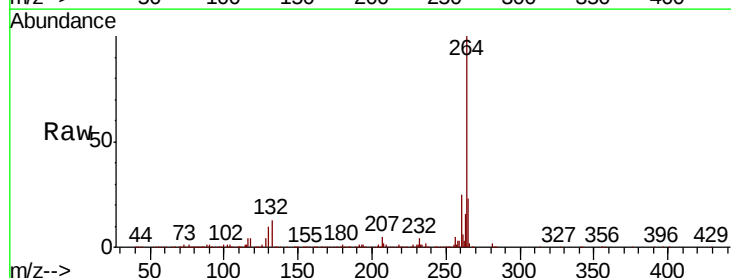
Tgt Ion:264 Resp: 650023

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 23.2 17.6 26.4



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

