

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046585.D
 Acq On : 10 Sep 2020 17:10
 Operator : CG/JU
 Sample : PB131517TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

Quant Time: Sep 10 18:41:34 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

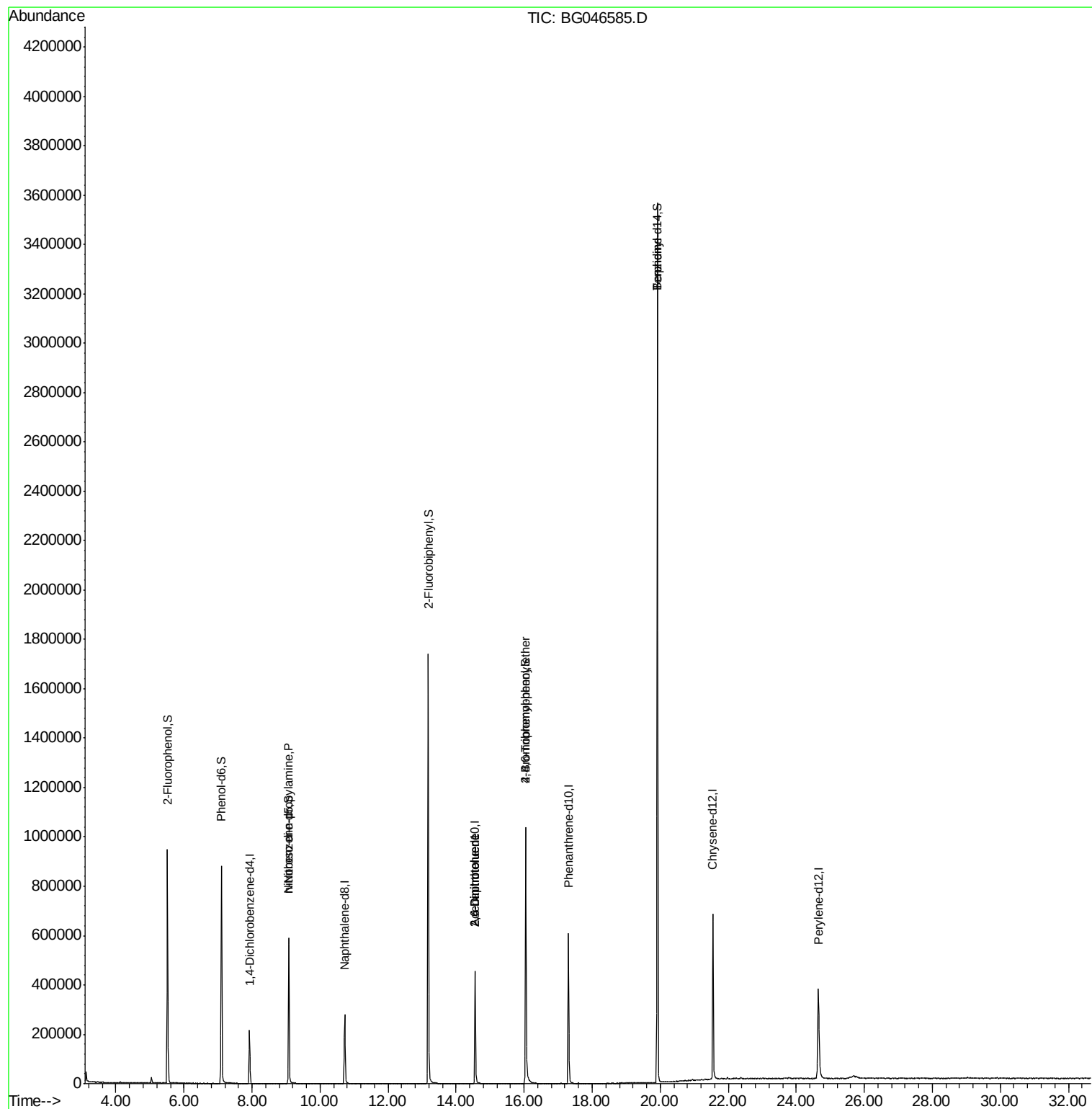
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67956	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	273449	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187368	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	443189	20.00	ng	0.00
76) Chrysene-d12	21.55	240	466600	20.00	ng	0.00
86) Perylene-d12	24.65	264	447549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	456480	118.98	ng	0.00
7) Phenol-d6	7.11	99	578155	106.30	ng	0.00
23) Nitrobenzene-d5	9.08	82	383893	80.24	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	257191	101.31	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1042786	84.96	ng	0.00
79) Terphenyl-d14	19.91	244	1619965	73.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	48278	14.839	ng	# 78
51) 2,6-Dinitrotoluene	14.56	165	24305	7.606	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	24382	5.351	ng	# 34
67) 4-Bromophenyl-phenylether	16.05	248	19250	3.723	ng	# 1
77) Benzidine	19.91	184	24479	2.258	ng	98

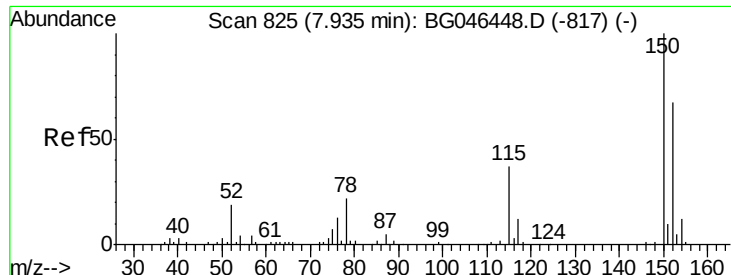
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Response via : Initial Calibration



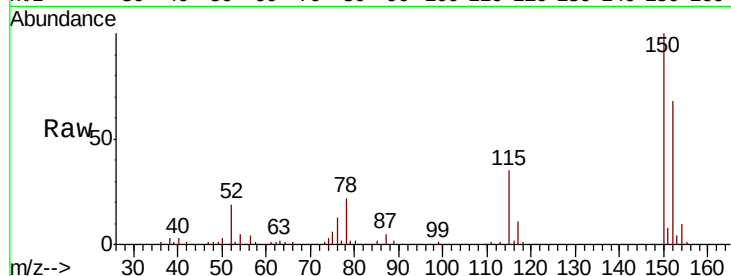


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	51.8	44.3	66.5

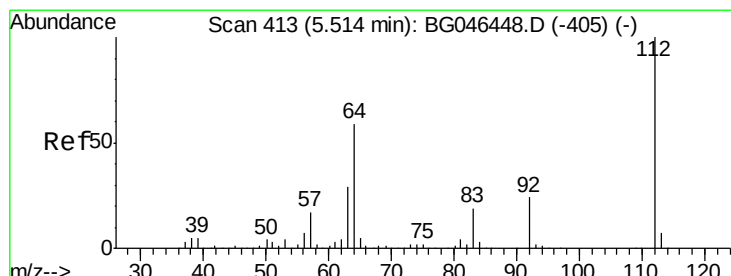
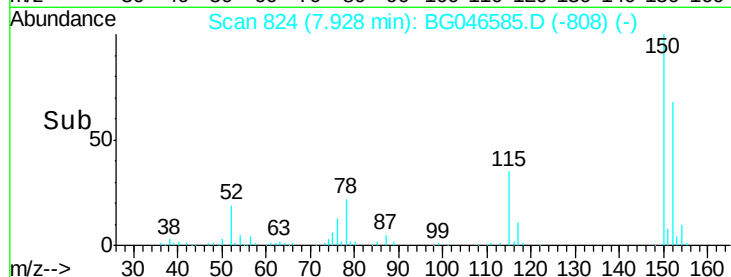
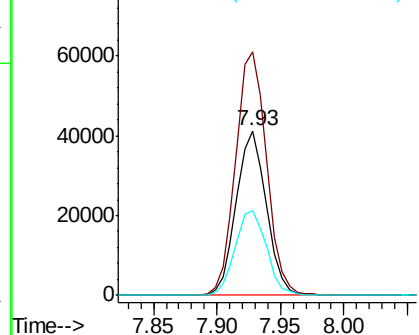


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

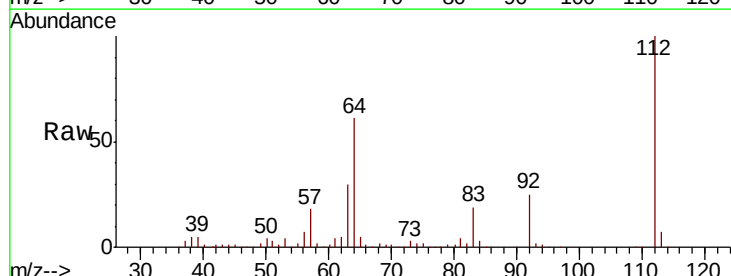
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.976 ng
 RT: 5.51 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.0	70.6
63	29.9	23.5	35.3

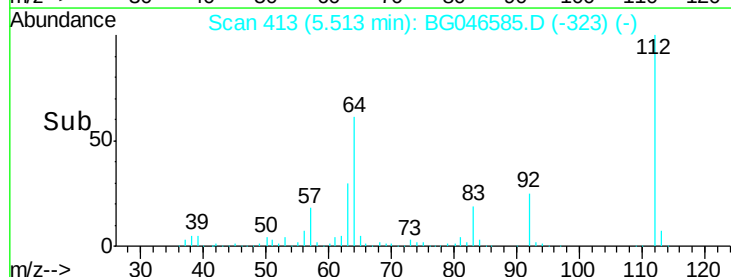
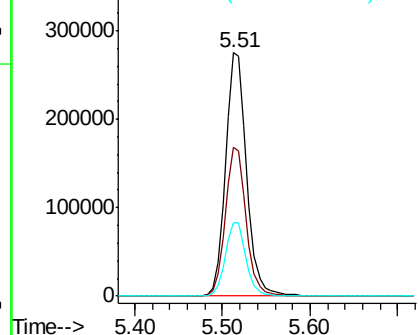


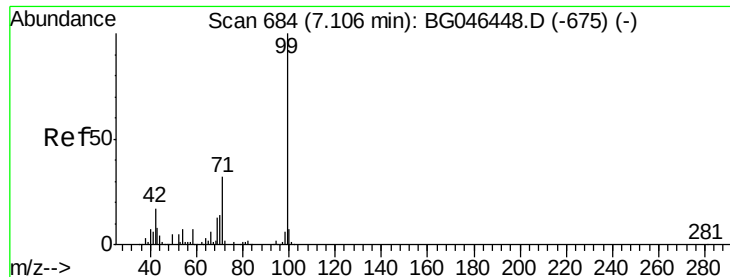
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 106.298 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Instrument :

BNA_G

ClientSampleId :

PB131517TB

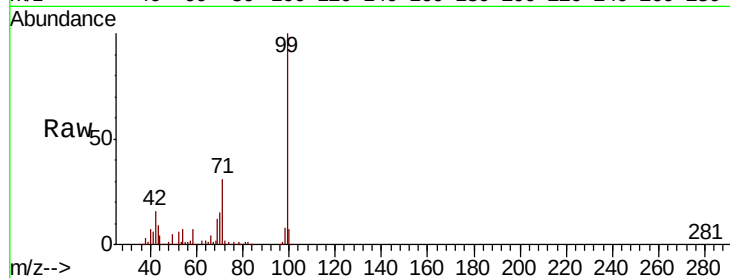
Tot Ion: 99 Resp: 578155

Ion Ratio Lower Upper

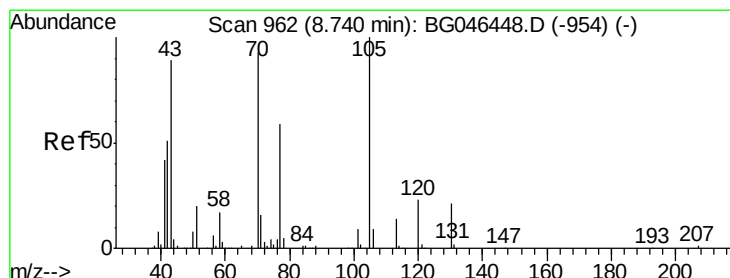
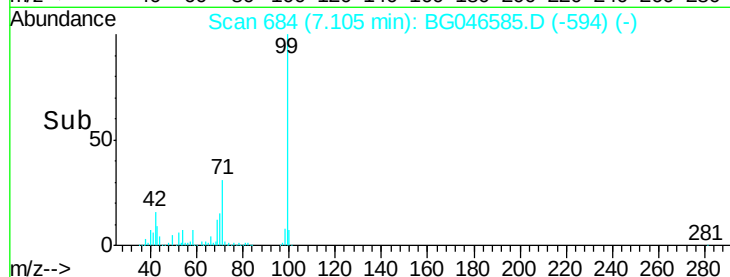
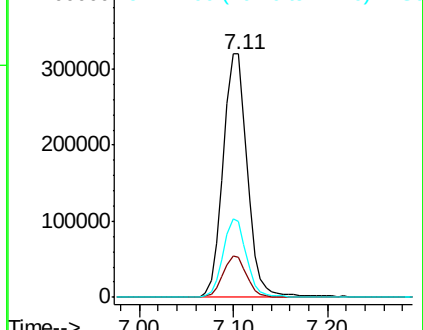
99 100

42 16.3 13.3 19.9

71 31.2 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: 14.839 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Tgt Ion: 70 Resp: 48278

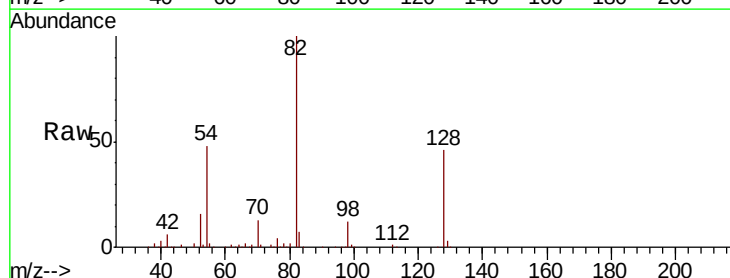
Ion Ratio Lower Upper

70 100

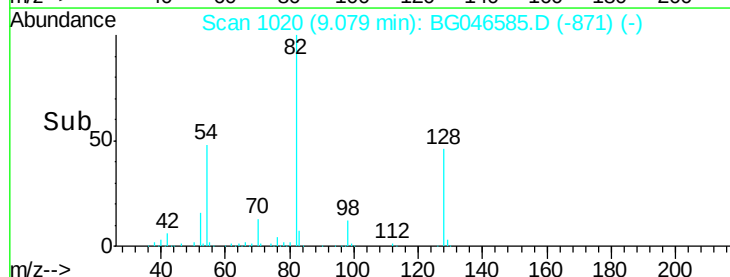
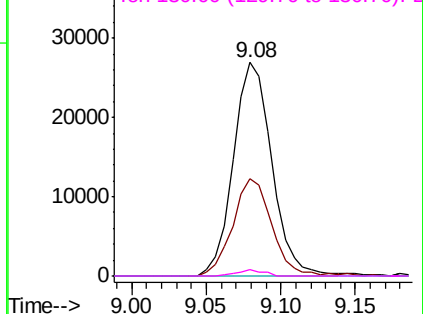
42 45.4 44.2 66.2

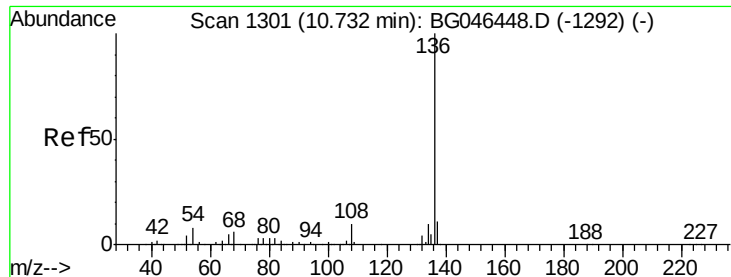
101 0.0 7.8 11.8#

130 2.9 18.2 27.4#



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

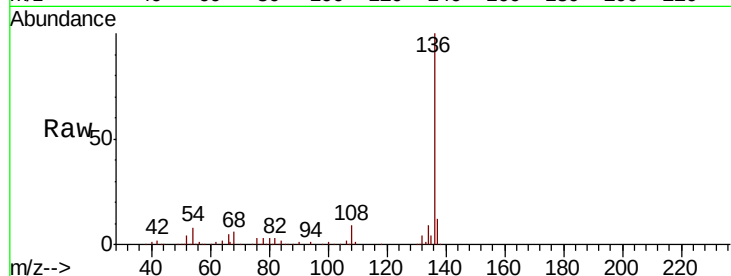




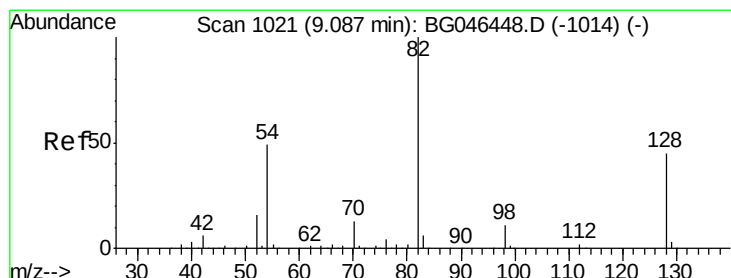
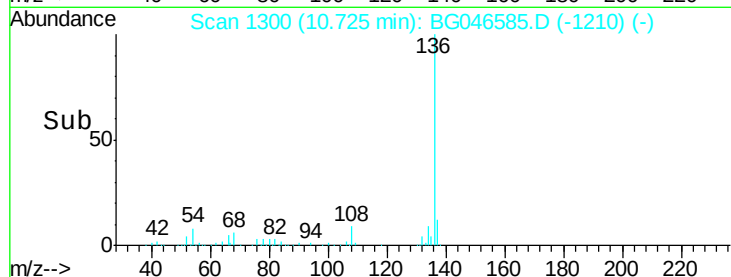
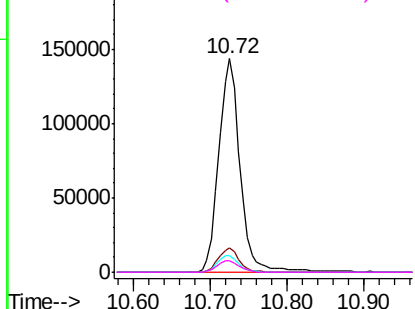
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046585.D
Acq: 10 Sep 2020 17:10

Instrument :
BNA_G
ClientSampleId :
PB131517TB

Tot Ion:136	Resp:	273449
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.8	6.1	9.1
68 5.6	4.8	7.2

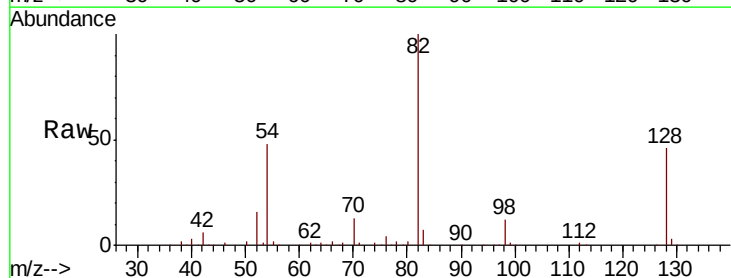


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

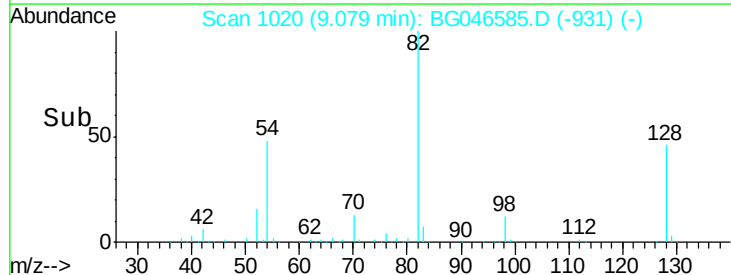
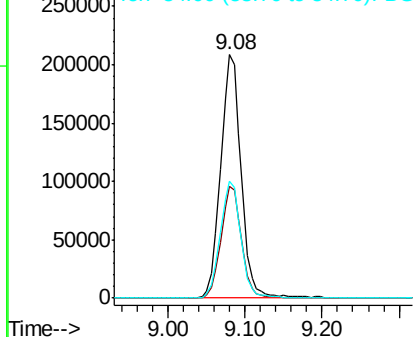


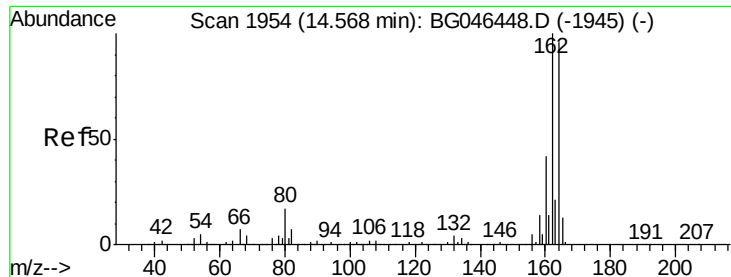
#23
Nitrobenzene-d5
Concen: 80.240 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046585.D
Acq: 10 Sep 2020 17:10

Tgt Ion: 82	Resp: 383893
Ion Ratio	Lower Upper
82 100	
128 46.1	35.7 53.5
54 48.3	39.4 59.0



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

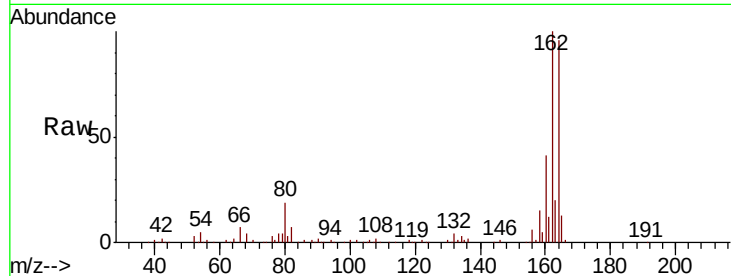




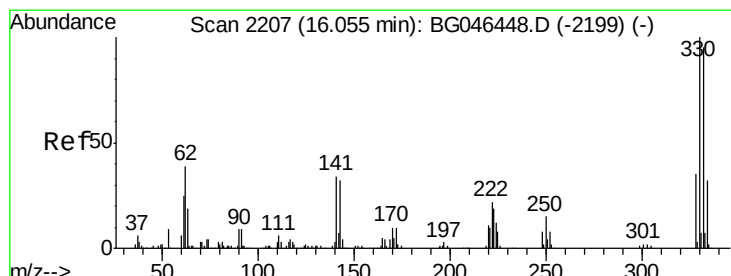
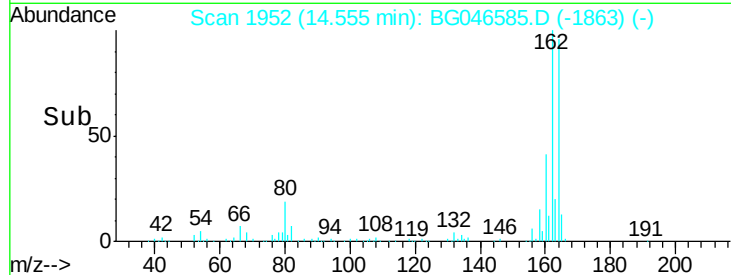
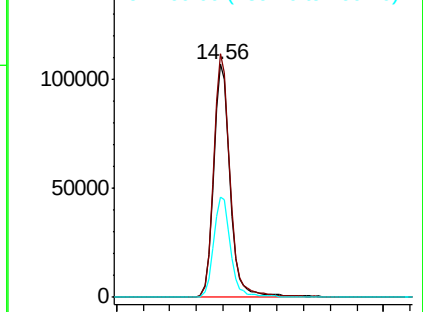
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046585.D
Acq: 10 Sep 2020 17:10

Instrument :
BNA_G
ClientSampleId :
PB131517TB

Tot Ion:164 Resp: 187368
Ion Ratio Lower Upper
164 100
162 104.6 83.3 124.9
160 43.3 35.0 52.6

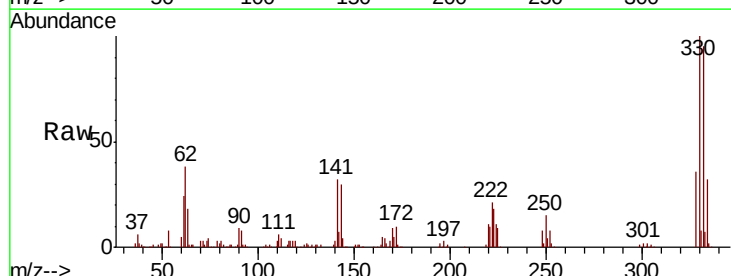


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

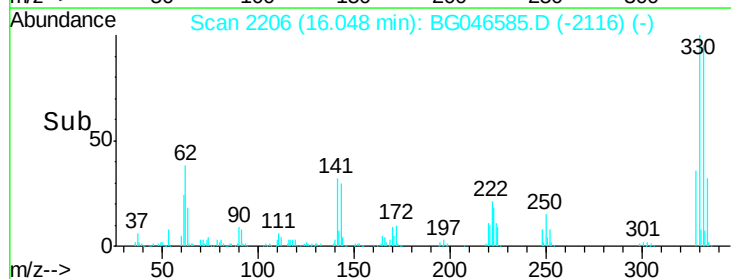
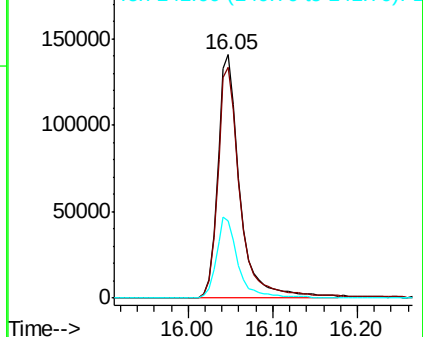


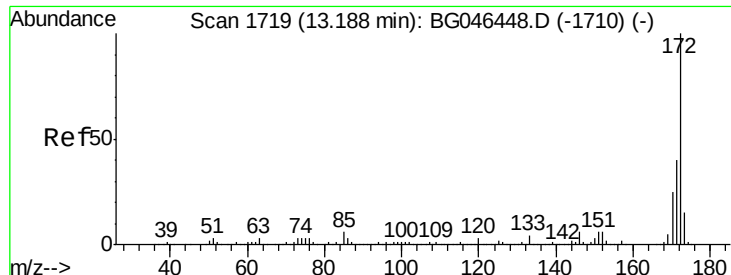
#42
2,4,6-Tribromophenol
Concen: 101.308 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG046585.D
Acq: 10 Sep 2020 17:10

Tgt Ion:330 Resp: 257191
Ion Ratio Lower Upper
330 100
332 96.6 76.1 114.1
141 33.0 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

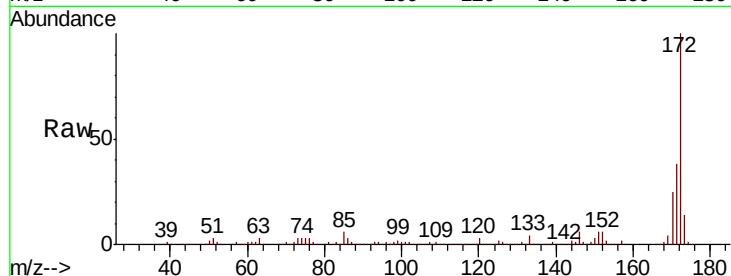




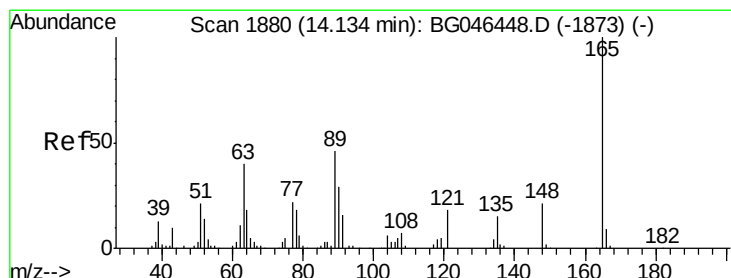
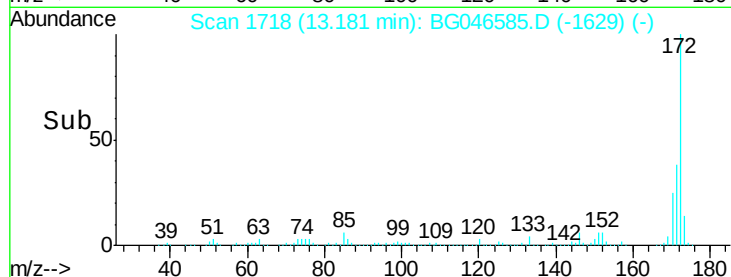
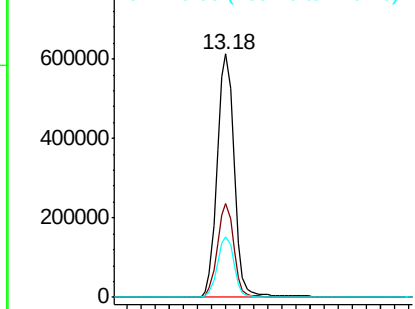
#45
 2-Fluorobiphenyl
 Concen: 84.960 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

Tot Ion:172 Resp: 1042786
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.8 47.6
 170 25.0 20.3 30.5

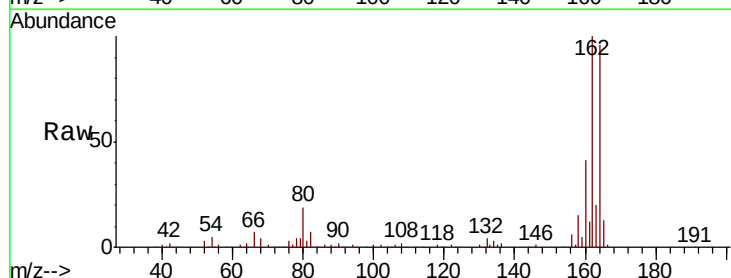


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

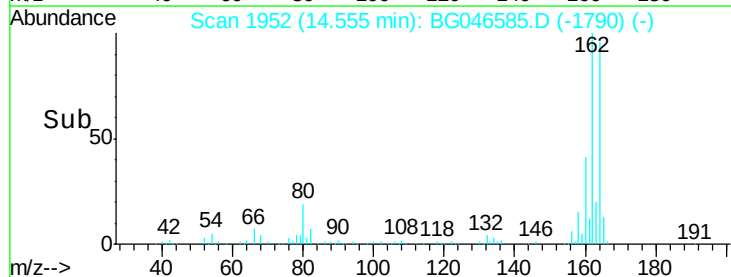
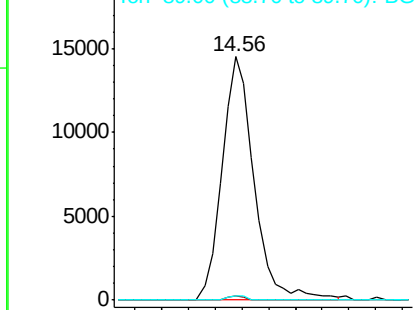


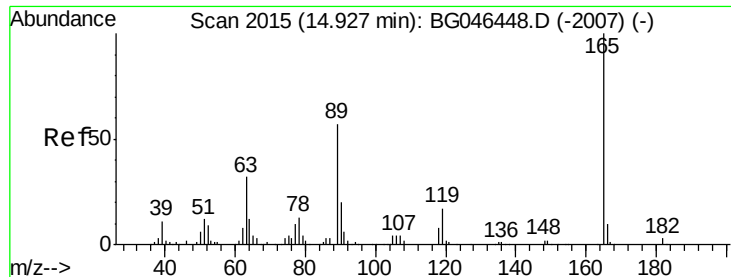
#51
 2,6-Dinitrotoluene
 Concen: 7.606 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Tgt Ion:165 Resp: 24305
 Ion Ratio Lower Upper
 165 100
 63 1.5 34.2 51.4#
 89 1.9 37.0 55.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

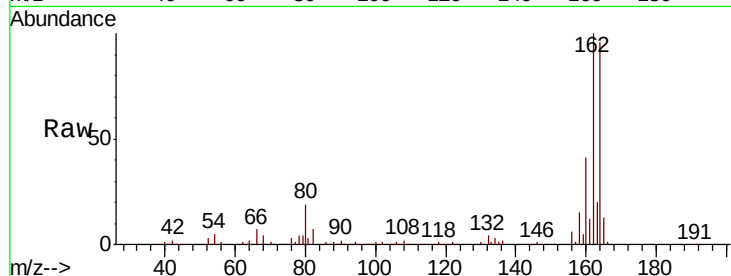




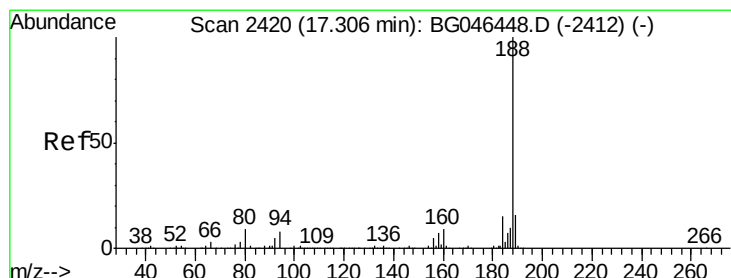
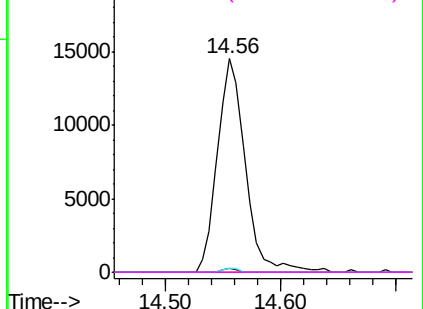
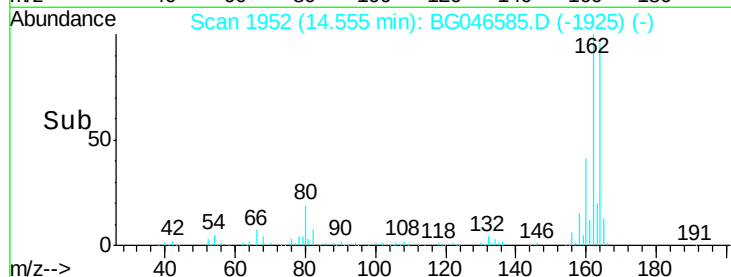
#57
 2,4-Dinitrotoluene
 Concen: 5.351 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

Tot Ion:165 Resp: 24382
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.9 45.9 68.9#
 182 0.0 2.3 3.5#

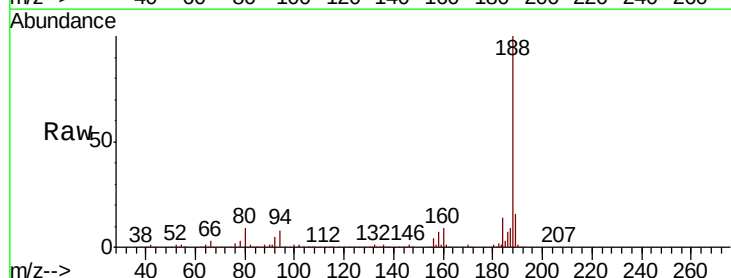


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

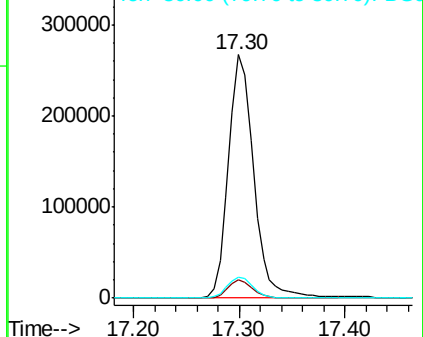
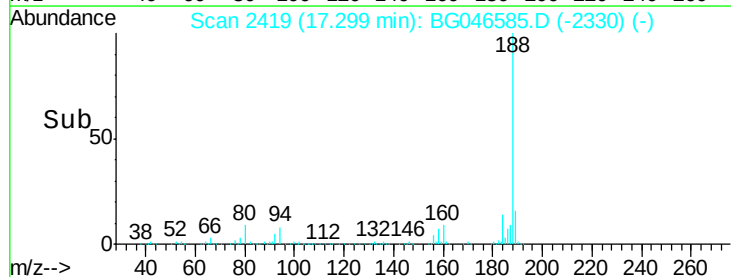


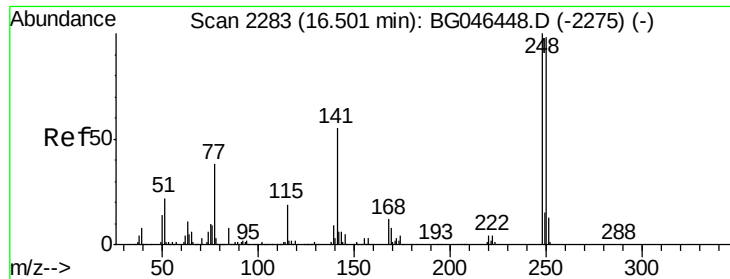
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Tgt Ion:188 Resp: 443189
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.3 9.5
 80 8.7 6.9 10.3



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

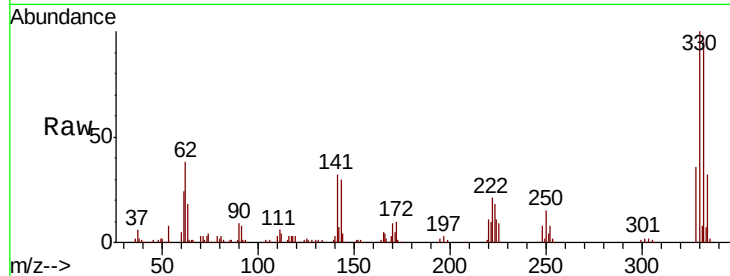




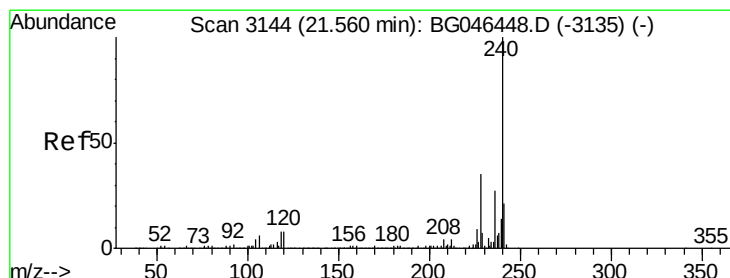
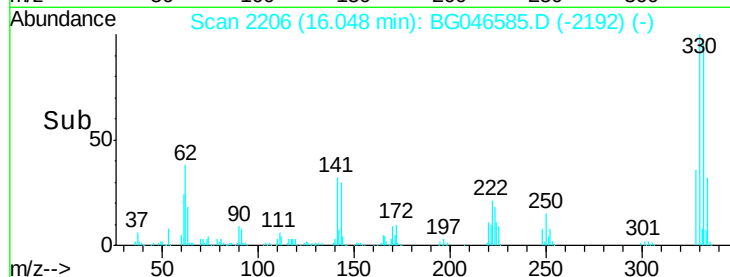
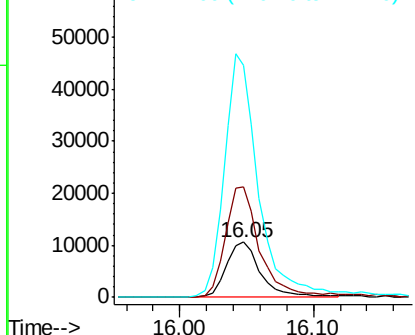
#67
 4-Bromophenyl-phenylether
 Concen: 3.723 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.45 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

Tot Ion:248 Resp: 19250
 Ion Ratio Lower Upper
 248 100
 250 198.9 78.6 118.0#
 141 420.5 43.9 65.9#

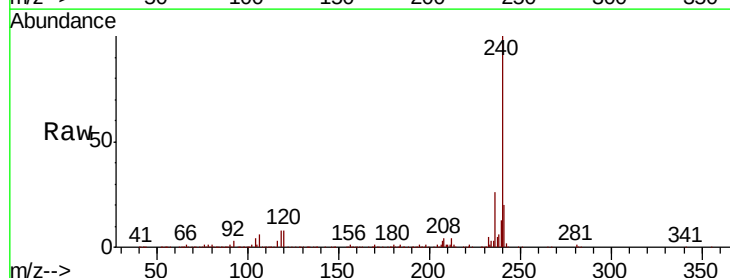


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

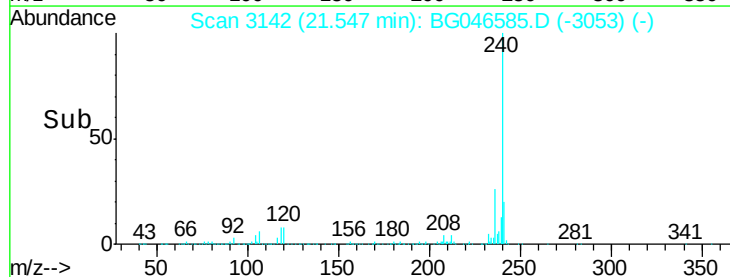
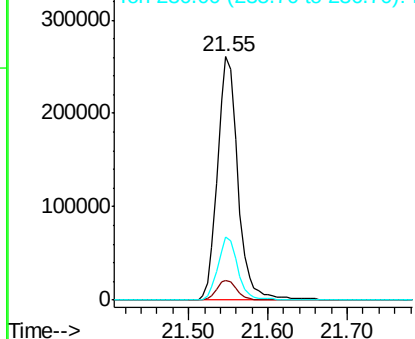


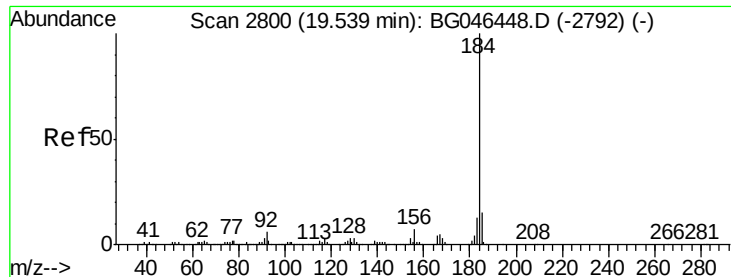
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Tgt Ion:240 Resp: 466600
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.6 10.0
 236 25.7 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





#77

Benzidine

Concen: 2.258 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Instrument :

BNA_G

ClientSampleId :

PB131517TB

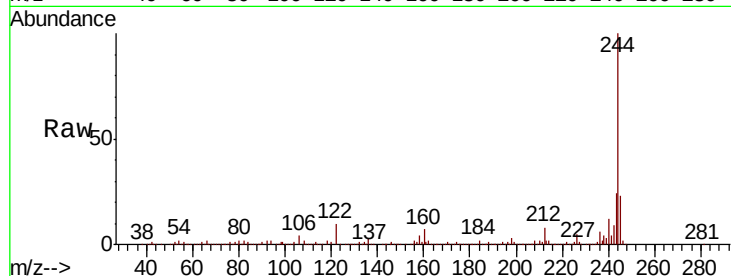
Tot Ion:184 Resp: 24479

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

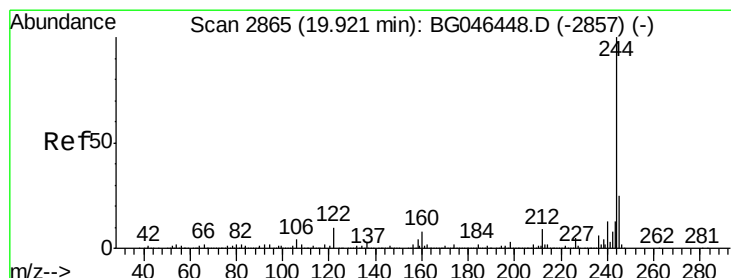
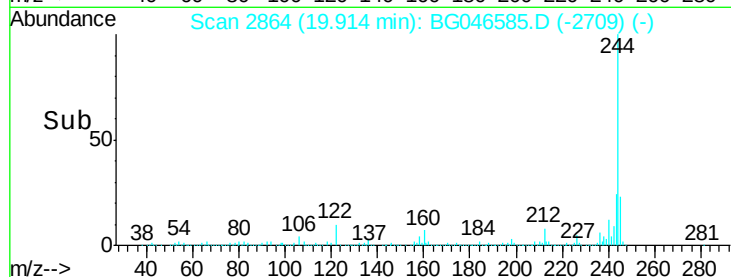
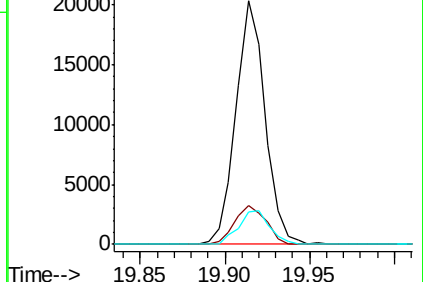
183 13.1 10.7 16.1



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: 73.887 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

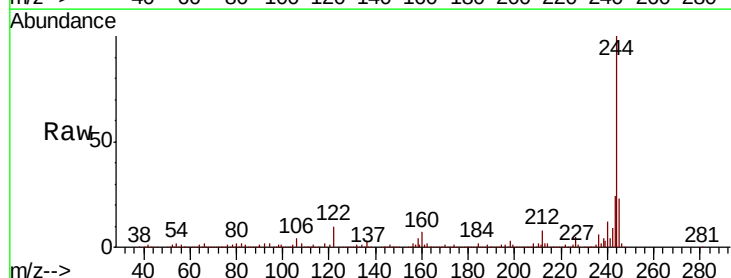
Tgt Ion:244 Resp: 1619965

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

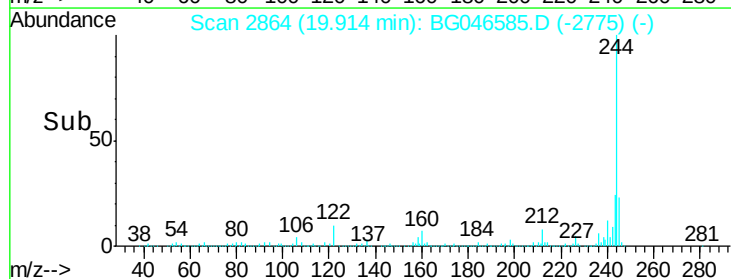
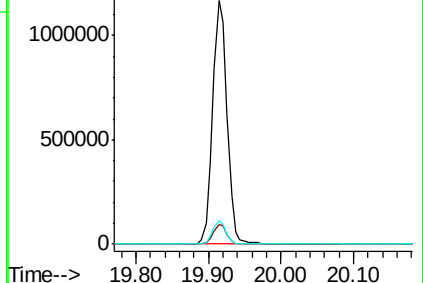
122 9.7 8.2 12.4

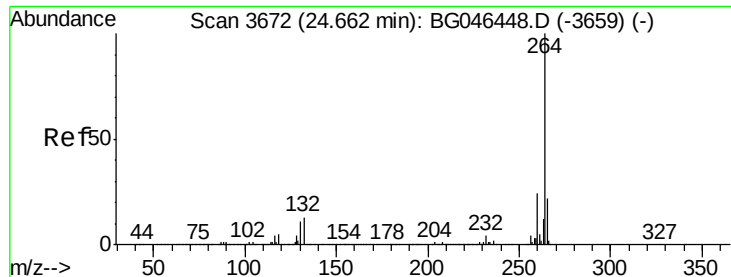


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

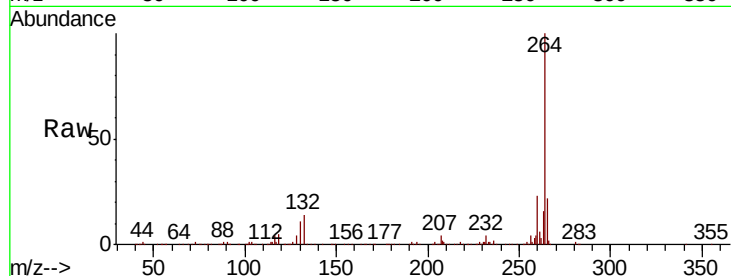




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046585.D
Acq: 10 Sep 2020 17:10

Instrument :
BNA_G
ClientSampleId :
PB131517TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	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

