

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045884.D
 Acq On : 30 Jun 2020 14:41
 Operator : CG/JU
 Sample : PB129821BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129821BL

Quant Time: Jun 30 16:42:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

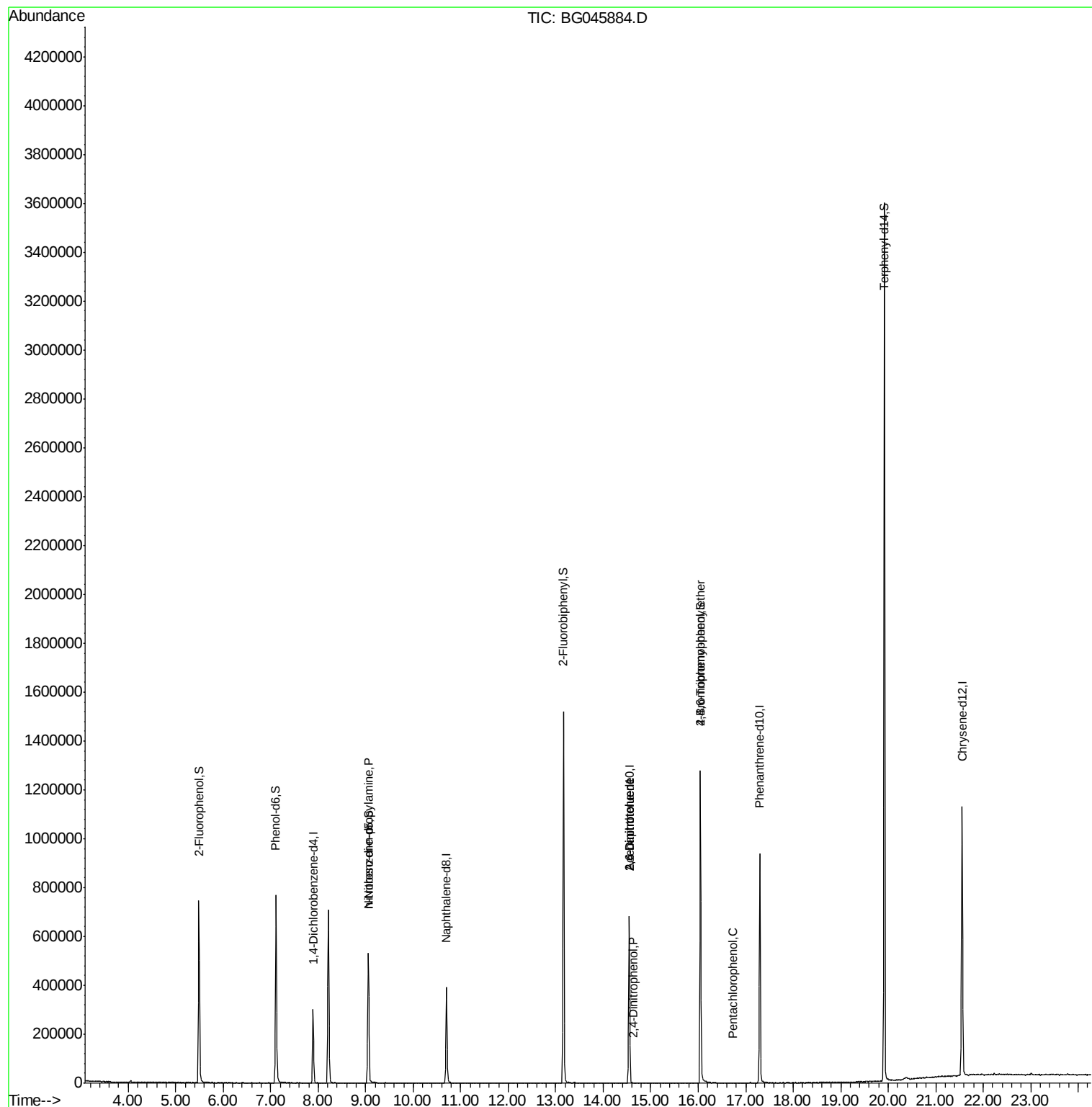
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	87960	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	347357	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	249953	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	604482	20.00	ng	0.00
76) Chrysene-d12	21.56	240	684279	20.00	ng	0.00
86) Perylene-d12	0.00	264	0	0.00	ng	-24.67
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	351576	67.52	ng	0.00
7) Phenol-d6	7.11	99	507603	64.09	ng	0.00
23) Nitrobenzene-d5	9.06	82	360598	47.42	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	268339	71.11	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	843458	49.59	ng	0.00
79) Terphenyl-d14	19.92	244	1764687	52.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	50841	9.764	ng	# 81
51) 2,6-Dinitrotoluene	14.55	165	32182	7.317	ng	# 22
54) 2,4-Dinitrophenol	14.64	184	54	9.845	ng	# 14
57) 2,4-Dinitrotoluene	14.55	165	32182	5.107	ng	# 23
67) 4-Bromophenyl-phenylether	16.05	248	17492	2.227	ng	# 1
70) Pentachlorophenol	16.72	266	56	7.645	ng	# 19

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

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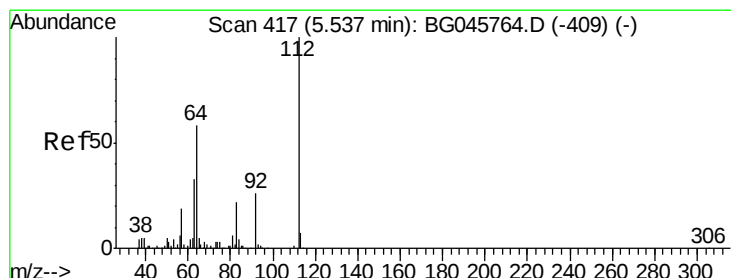
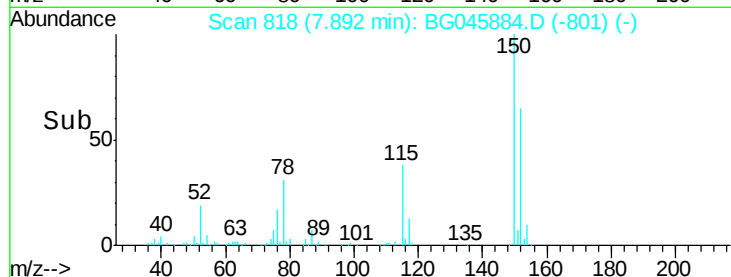
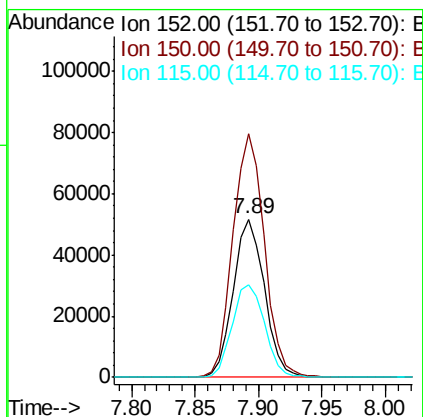
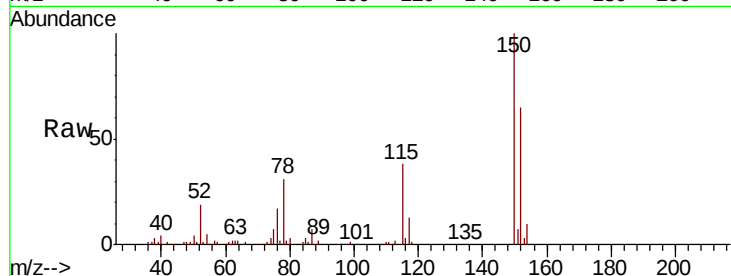


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB129821BL

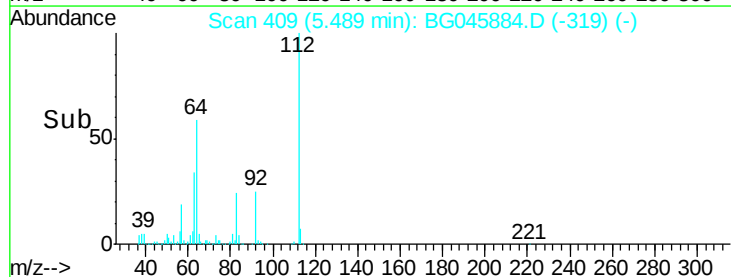
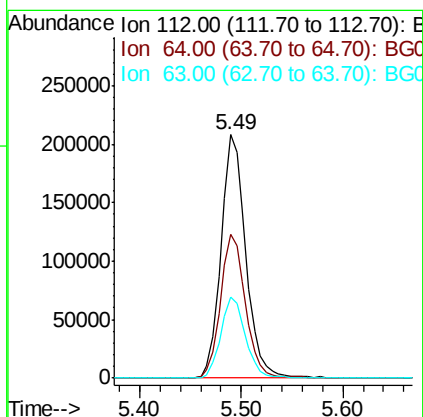
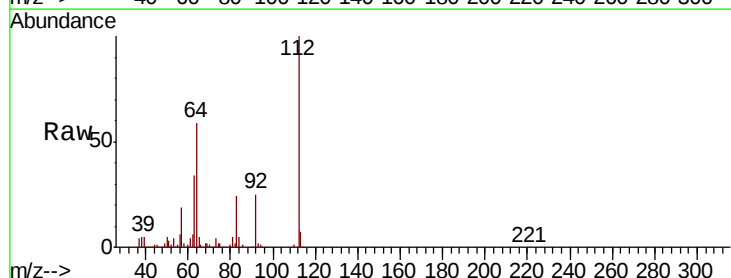
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.2	181.8
115	58.4	47.5	71.3

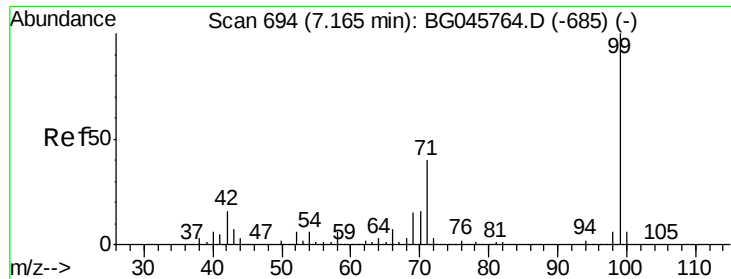


#5

2-Fluorophenol
Concen: 67.519 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.5	72.7
63	33.5	26.5	39.7





#7

Phenol-d6

Concen: 64.088 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB129821BL

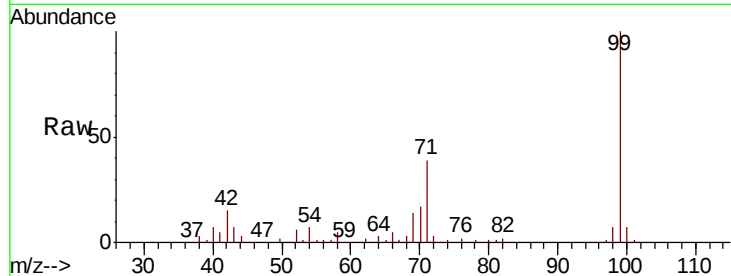
Tot Ion: 99 Resp: 507603

Ion Ratio Lower Upper

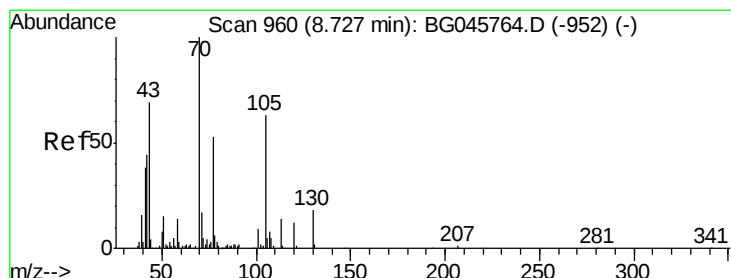
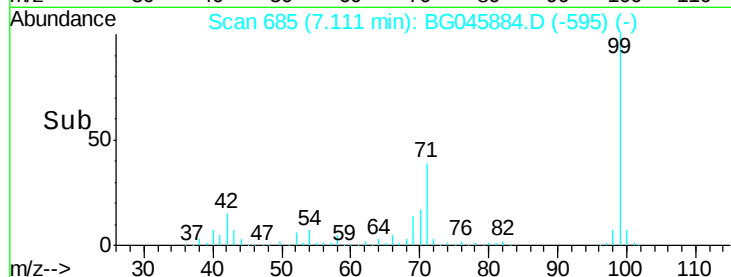
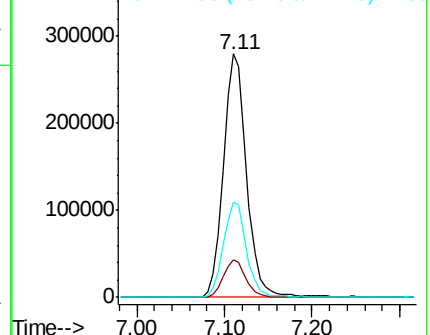
99 100

42 15.2 12.0 18.0

71 39.3 31.0 46.4



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: 9.764 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Tgt Ion: 70 Resp: 50841

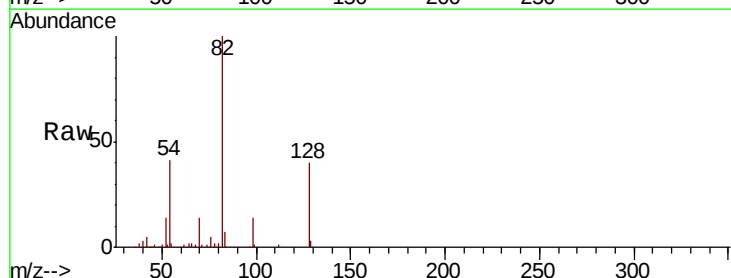
Ion Ratio Lower Upper

70 100

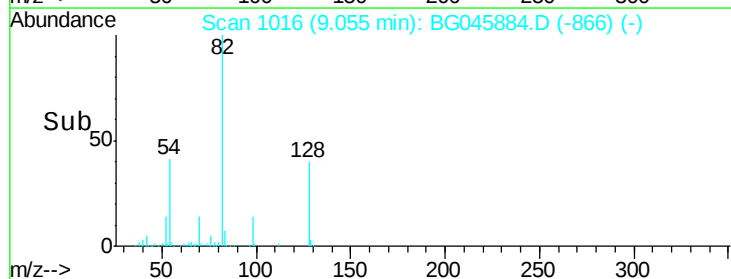
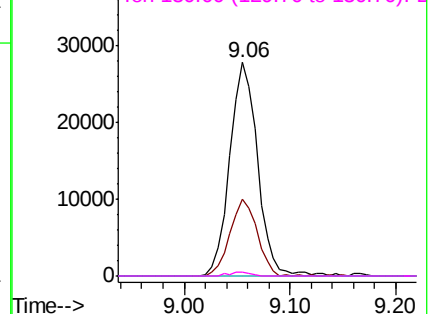
42 36.1 33.9 50.9

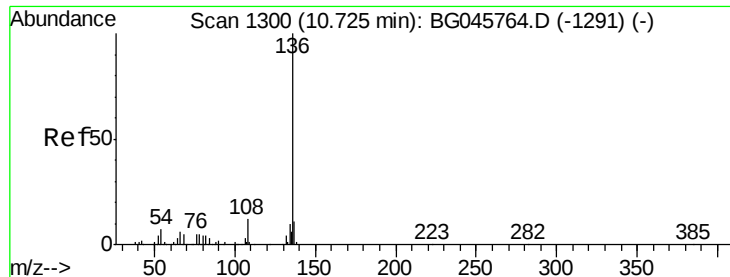
101 0.0 8.0 12.0#

130 1.9 14.9 22.3#



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: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB129821BL

Tot Ion:136 Resp: 347357

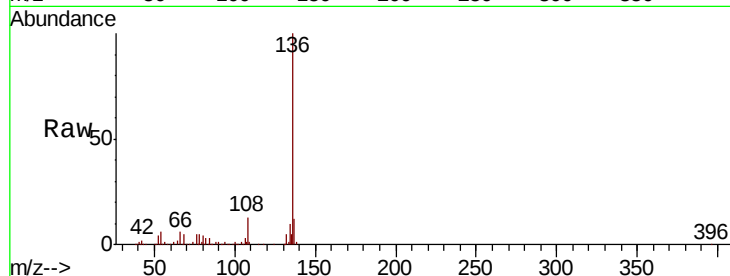
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 6.4 4.9 7.3

68 5.3 3.9 5.9

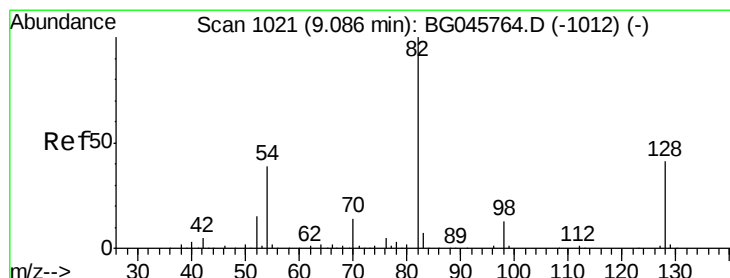
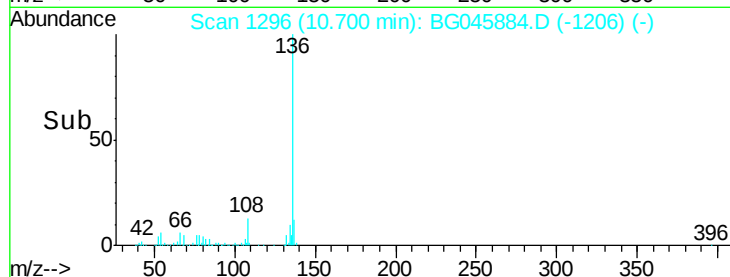
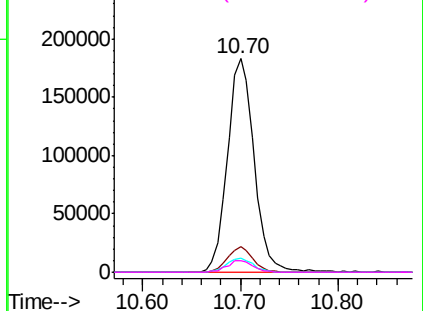


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.425 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

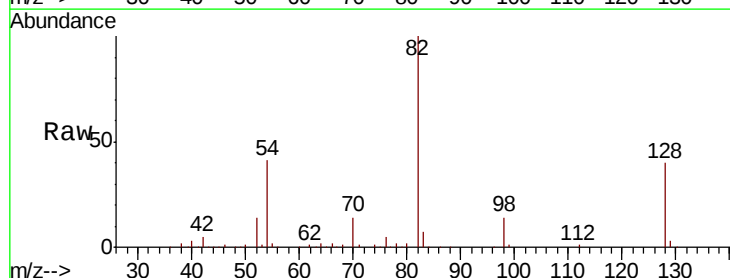
Tgt Ion: 82 Resp: 360598

Ion Ratio Lower Upper

82 100

128 39.8 31.3 46.9

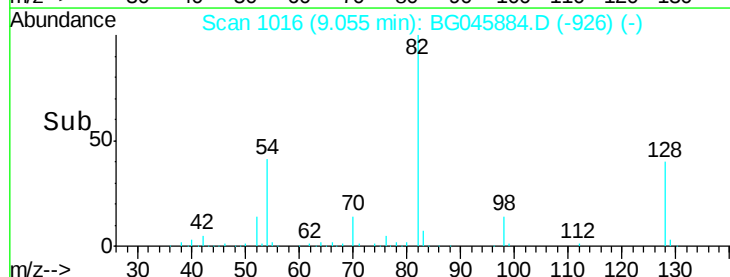
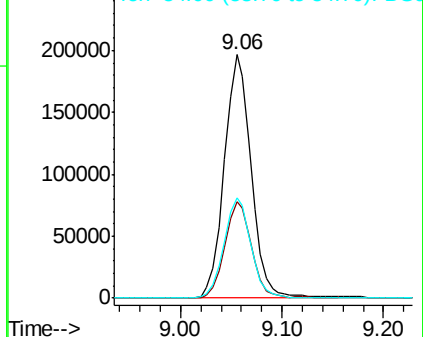
54 41.1 32.6 49.0

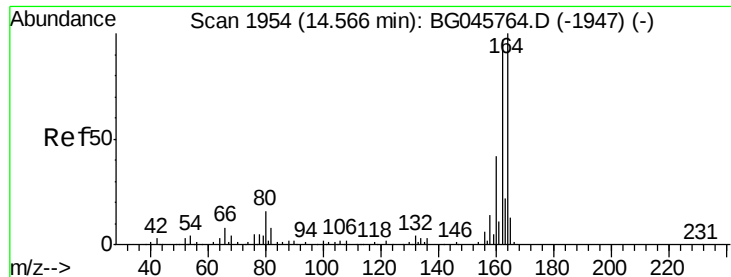


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB129821BL

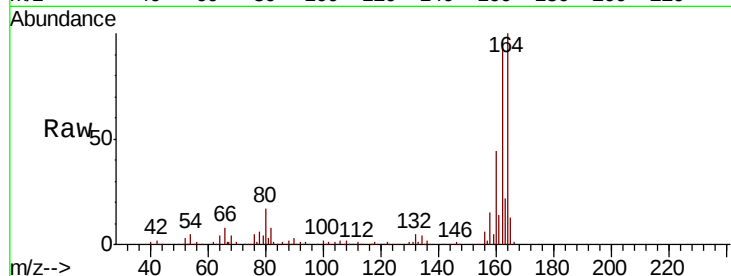
Tot Ion:164 Resp: 249953

Ion Ratio Lower Upper

164 100

162 96.5 80.6 120.8

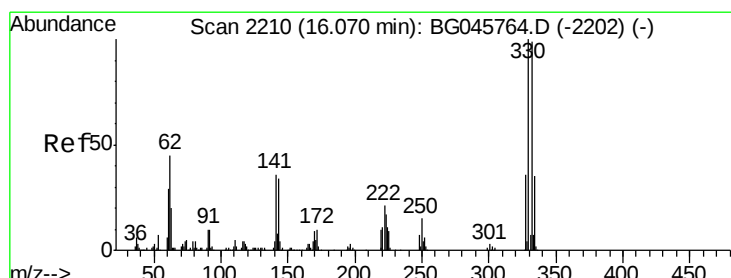
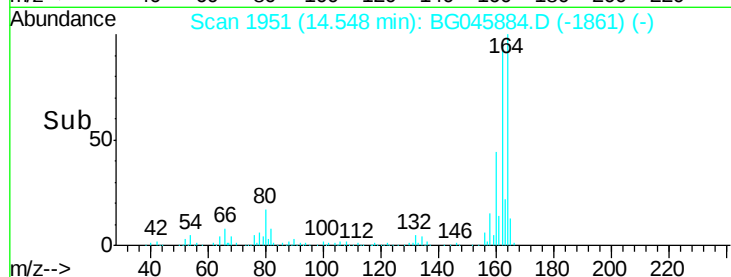
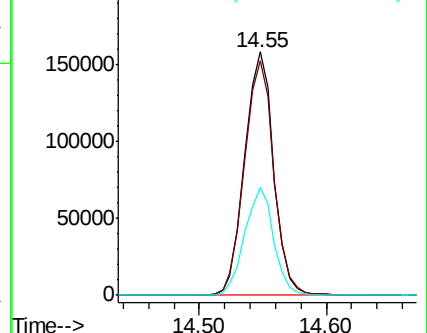
160 44.2 35.0 52.4



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: 71.109 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

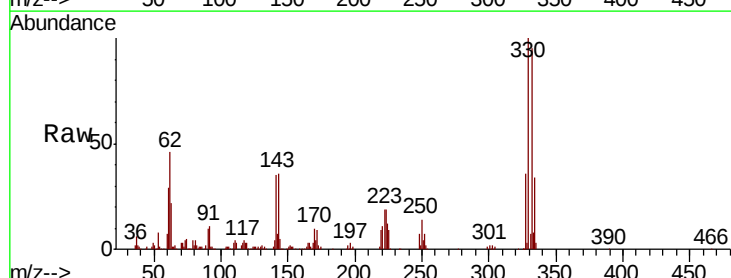
Tgt Ion:330 Resp: 268339

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

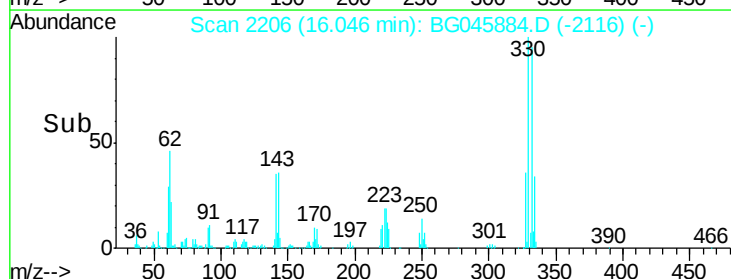
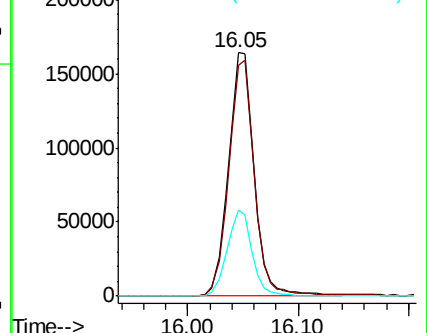
141 34.7 27.7 41.5

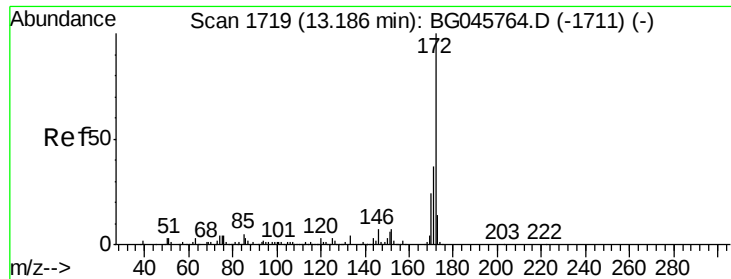


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

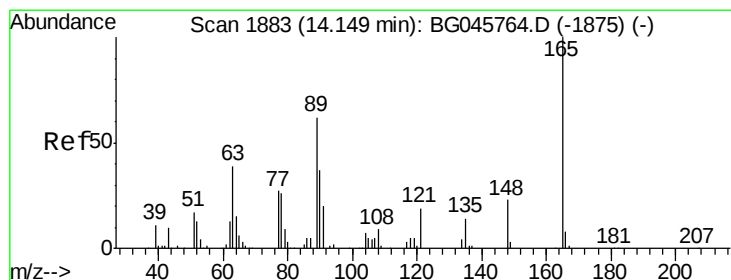
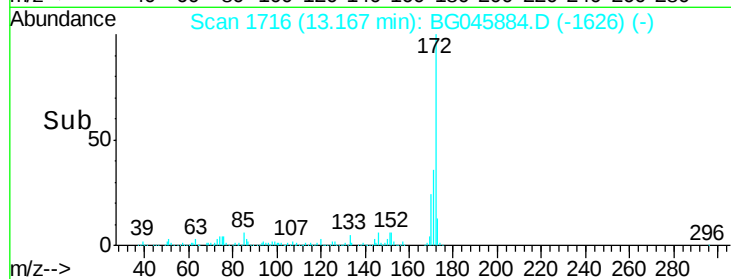
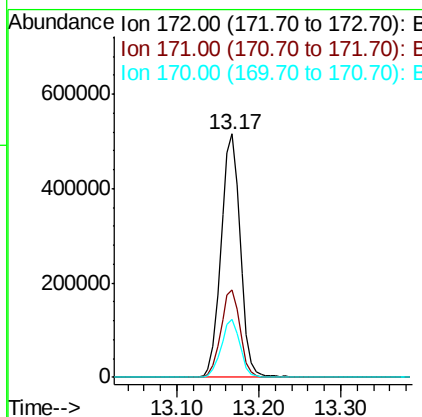
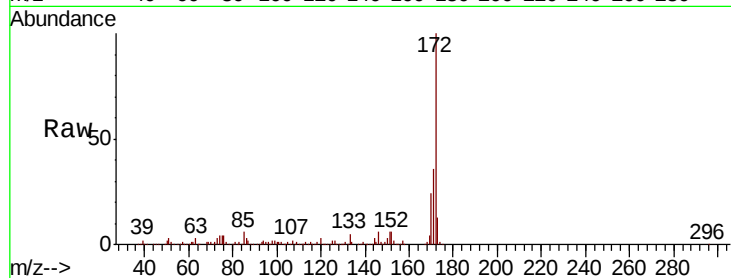




#45
 2-Fluorobiphenyl
 Concen: 49.590 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG045884.D
 Acq: 30 Jun 2020 14:41

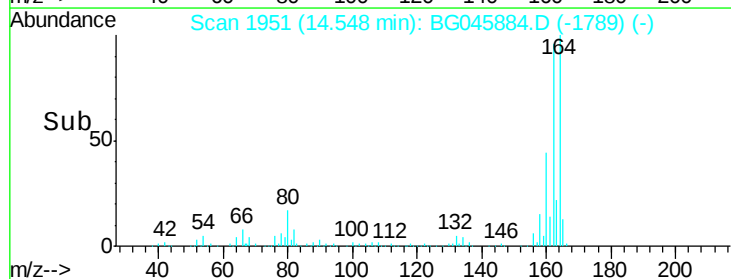
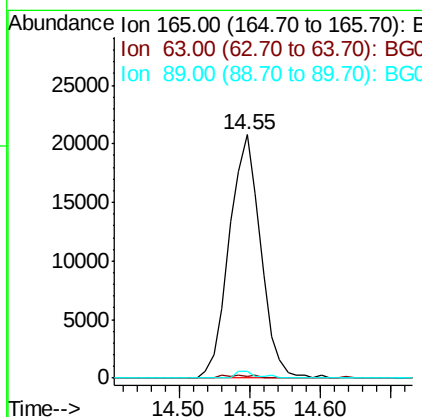
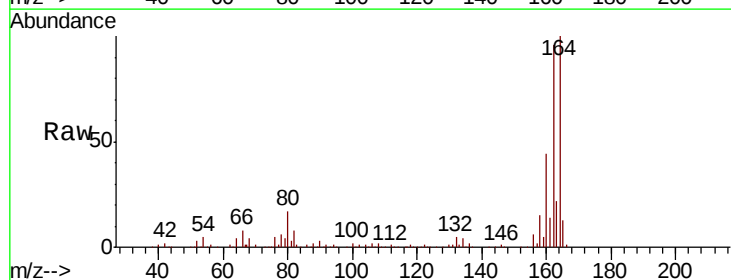
Instrument :
 BNA_G
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 PB129821BL

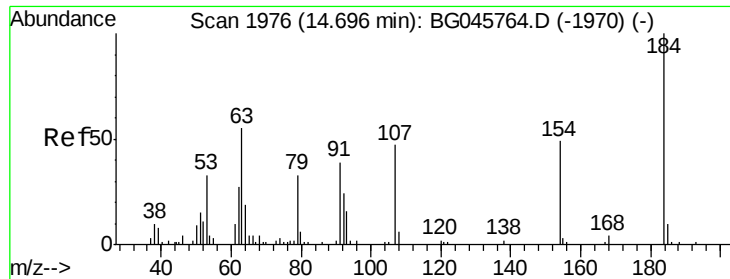
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.8	19.1	28.7



#51
 2,6-Dinitrotoluene
 Concen: 7.317 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG045884.D
 Acq: 30 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	45.6	68.4#
89	2.9	52.8	79.2#

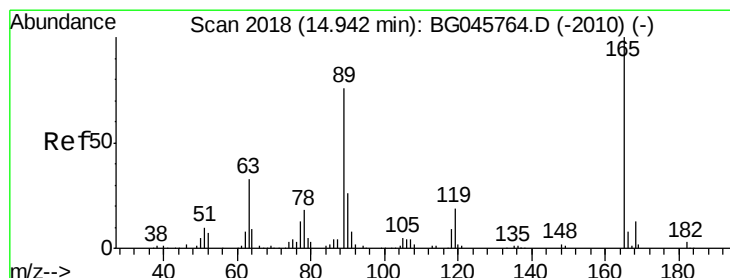
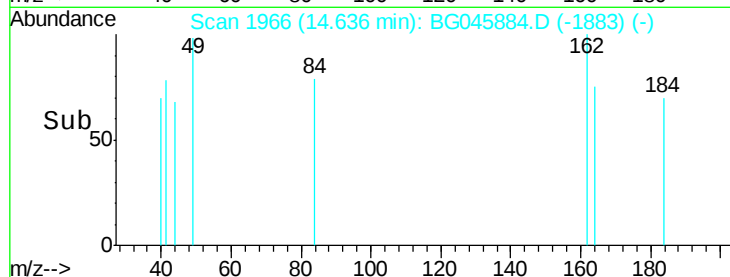
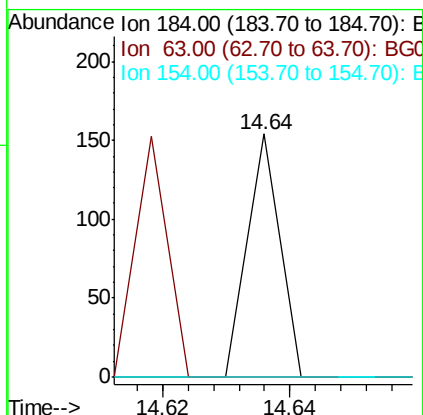
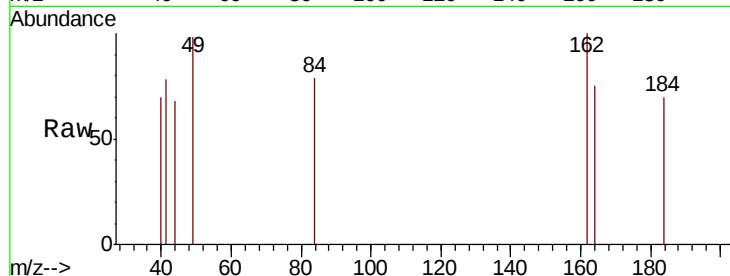




#54
2,4-Dinitrophenol
Concen: 9.845 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.04 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

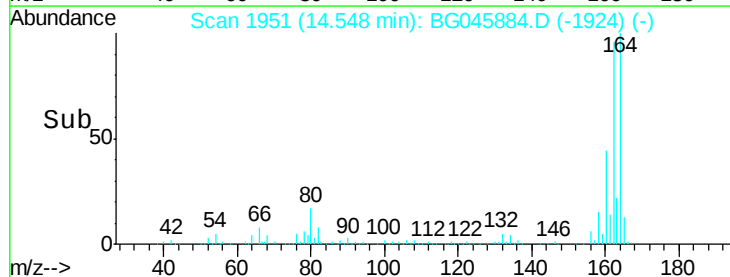
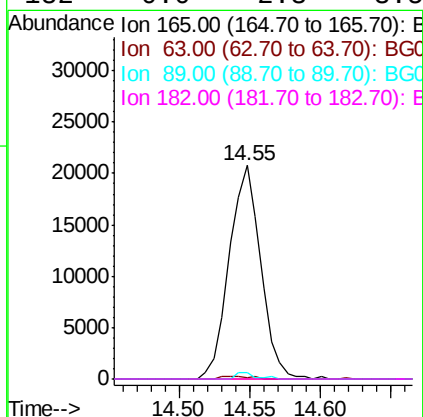
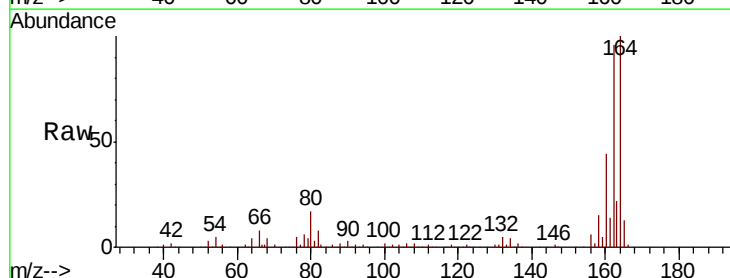
Instrument :
BNA_G
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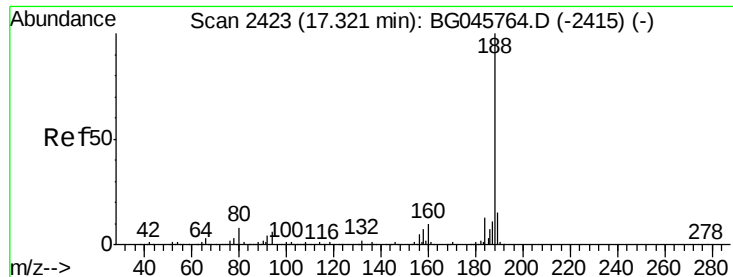
Tot Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 51.9 77.9#
154 0.0 60.7 91.1#



#57
2,4-Dinitrotoluene
Concen: 5.107 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.37 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Tgt Ion:165 Resp: 32182
Ion Ratio Lower Upper
165 100
63 0.7 35.2 52.8#
89 2.9 61.4 92.2#
182 0.0 2.3 3.5#

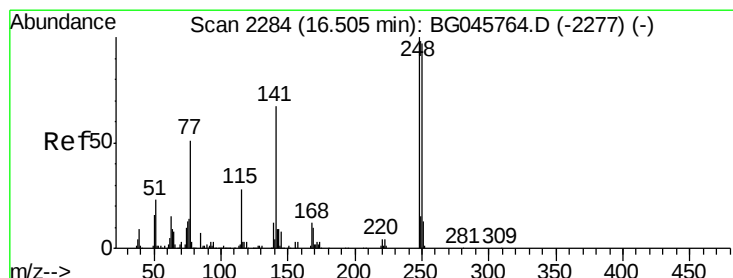
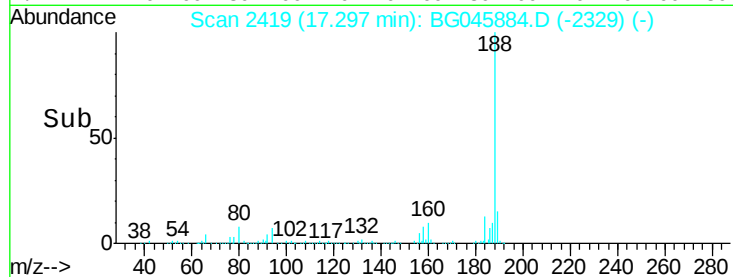
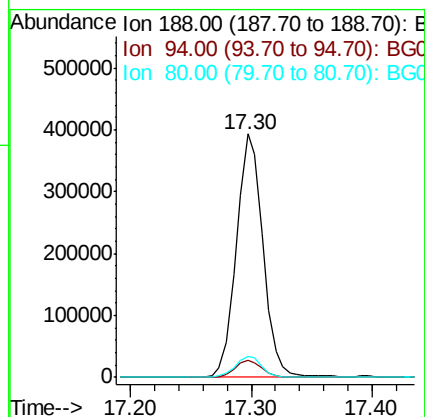
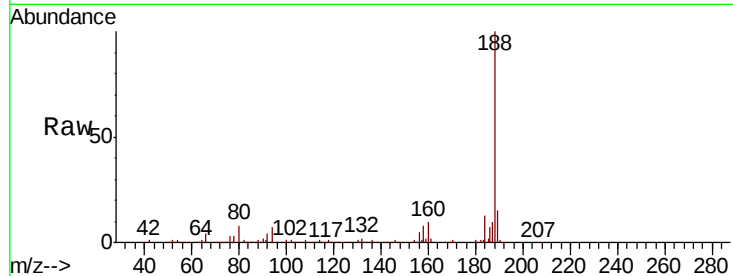




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

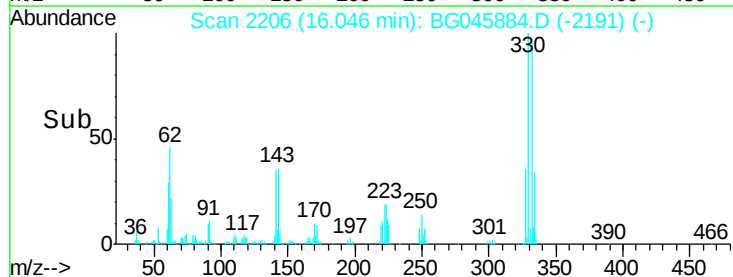
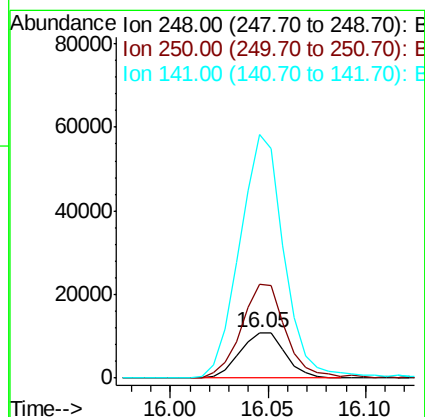
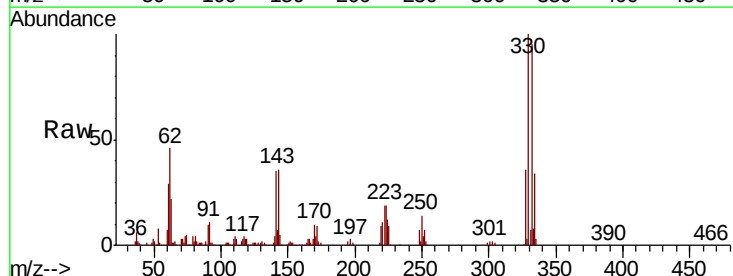
Instrument :
BNA_G
ClientSampleId :
PB129821BL

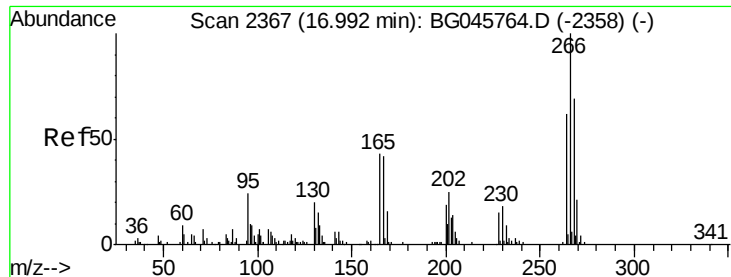
Tot Ion:188 Resp: 604482
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.4 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.227 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.44 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Tgt Ion:248 Resp: 17492
Ion Ratio Lower Upper
248 100
250 207.1 76.8 115.2#
141 537.7 52.6 79.0#

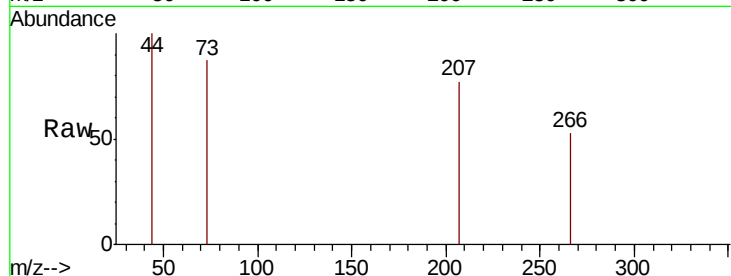




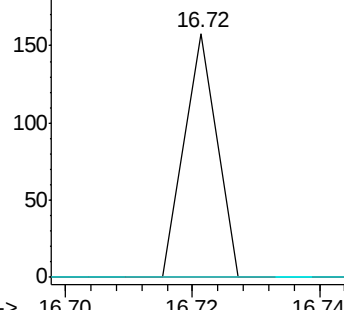
#70
 Pentachlorophenol
 Concen: 7.645 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.25 min
 Lab File: BG045884.D
 Acq: 30 Jun 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129821BL

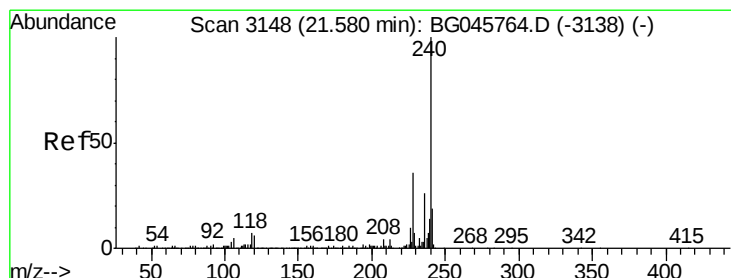
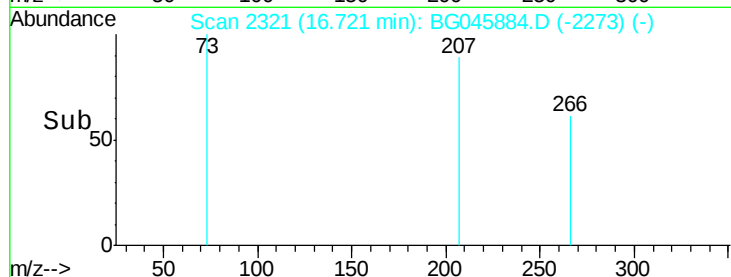
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.9	76.3#
264	0.0	49.8	74.8#



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

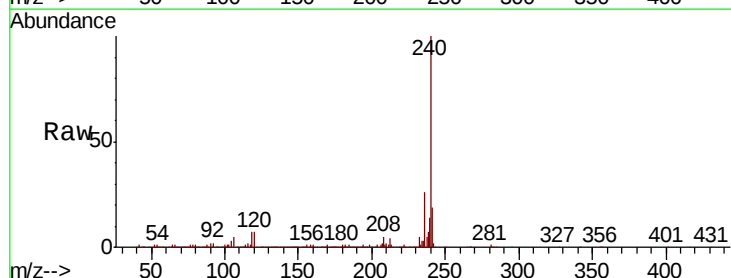


Time--> 16.70 16.72 16.74

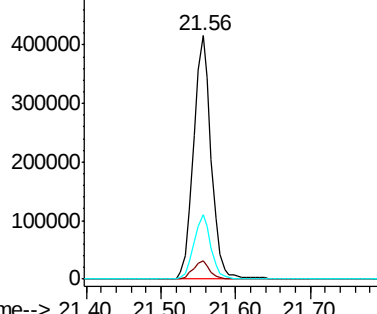


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG045884.D
 Acq: 30 Jun 2020 14:41

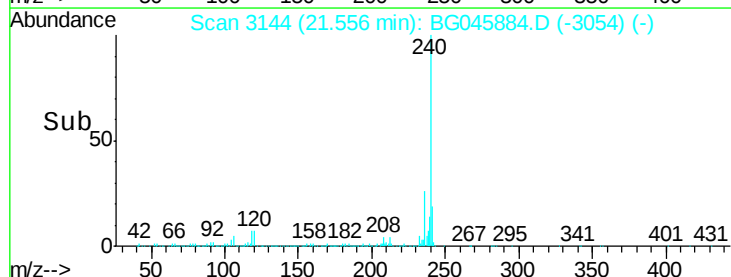
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.6	8.4
236	26.2	21.3	31.9

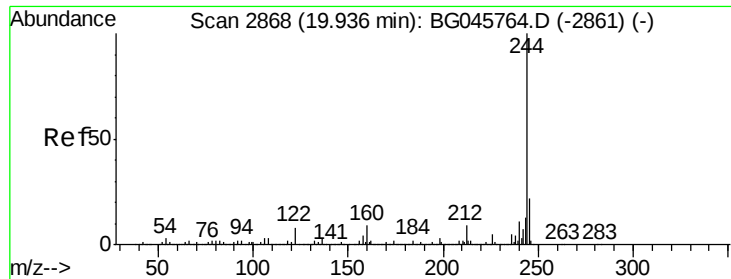


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 21.40 21.50 21.60 21.70





#79

Terphenyl-d14

Concen: 52.264 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Instrument :

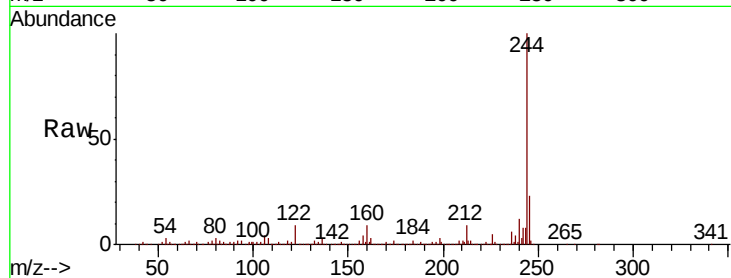
BNA_G

ClientSampleId :

PB129821BL

Tot Ion:244 Resp: 1764687

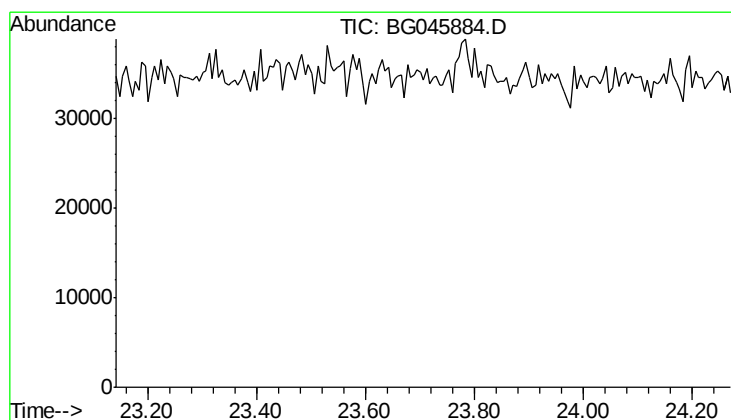
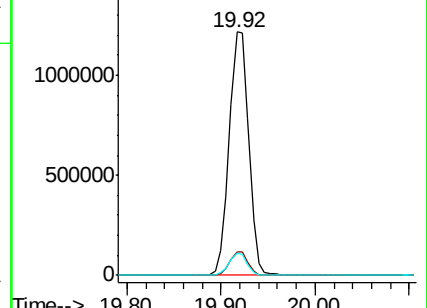
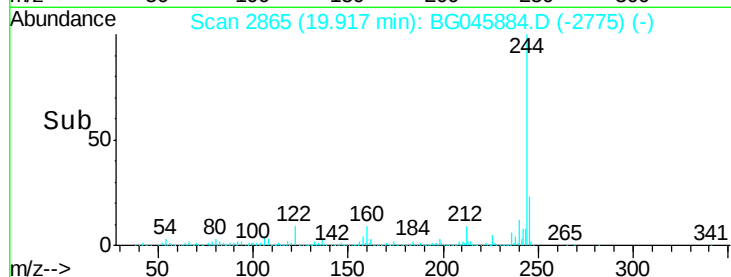
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	9.1	6.9	10.3



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: 0.000 ng

Expected RT: 24.67 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.4
265	21.7

