

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045849.D
 Acq On : 24 Jun 2020 17:54
 Operator : CG/JU
 Sample : L2818-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062320

Quant Time: Jun 24 18:44:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

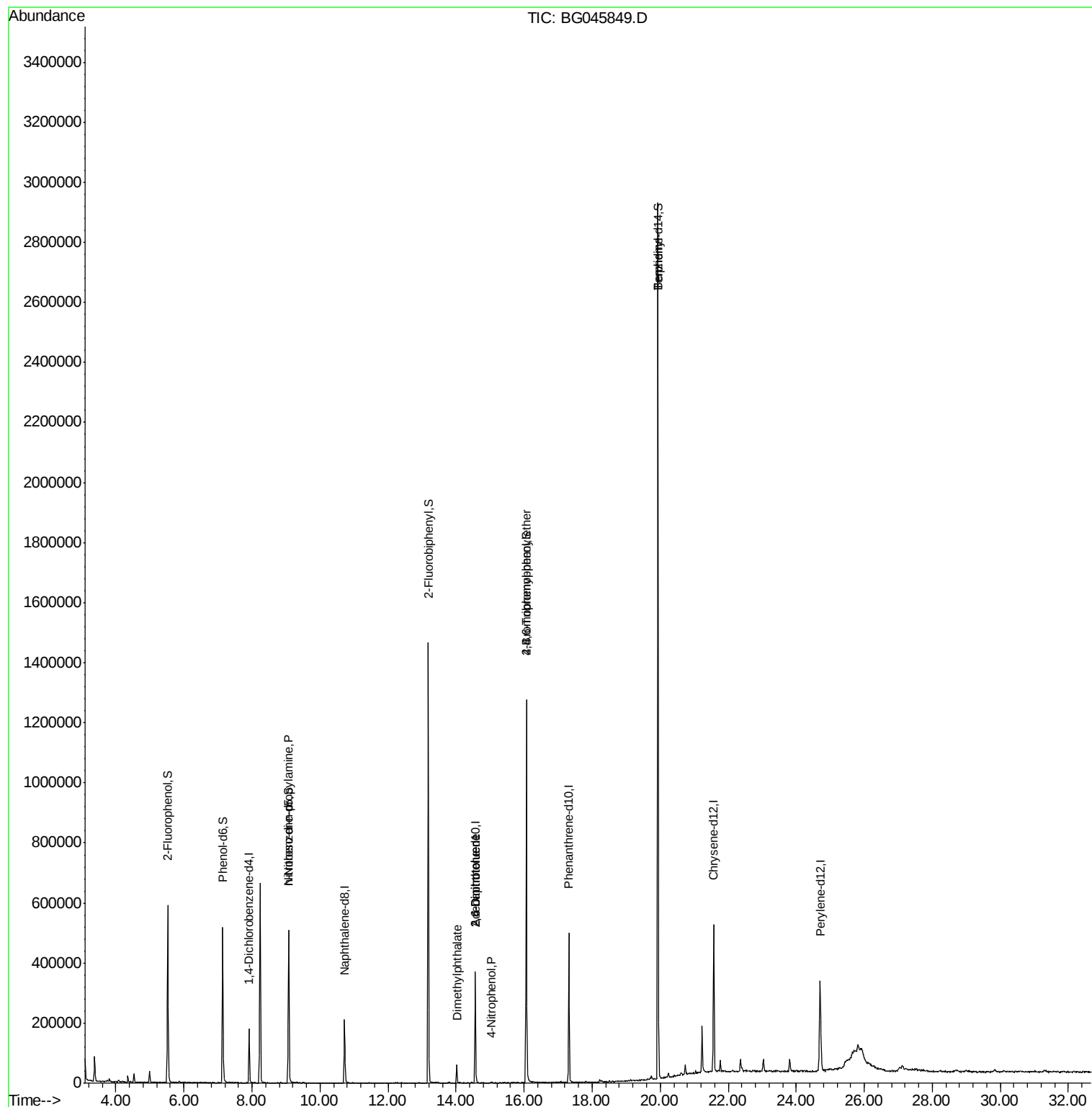
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51016	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	196129	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	138978	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	329993	20.00	ng	0.00
76) Chrysene-d12	21.57	240	324778	20.00	ng	0.00
86) Perylene-d12	24.70	264	348136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	289430	95.84	ng	-0.02
7) Phenol-d6	7.14	99	346570	75.44	ng	-0.02
23) Nitrobenzene-d5	9.08	82	342730	79.83	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	258672	123.28	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	795973	84.17	ng	0.00
79) Terphenyl-d14	19.94	244	1366396	85.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	48009	15.896	ng	# 77
50) Dimethylphthalate	14.02	163	41486	3.810	ng	# 97
51) 2,6-Dinitrotoluene	14.56	165	17816	7.286	ng	# 25
56) 4-Nitrophenol	15.02	139	87	4.020	ng	# 1
57) 2,4-Dinitrotoluene	14.56	165	17816	5.085	ng	# 24
67) 4-Bromophenyl-phenylether	16.06	248	17512	4.084	ng	# 1
77) Benzidine	19.94	184	25194	2.984	ng	# 93

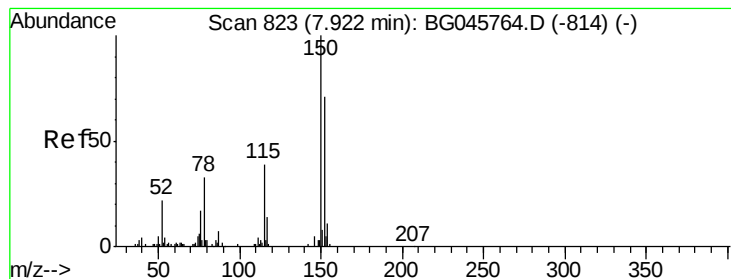
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration



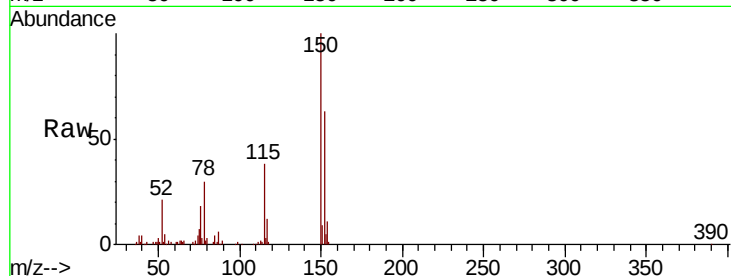


#1

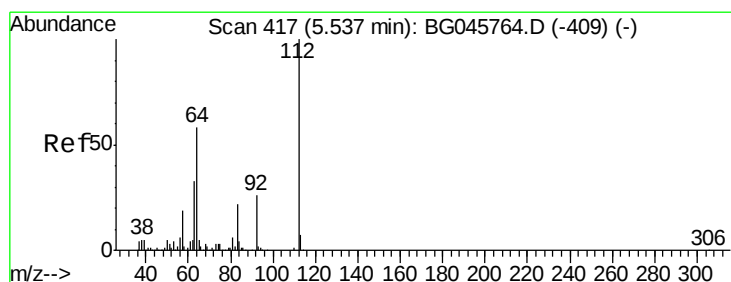
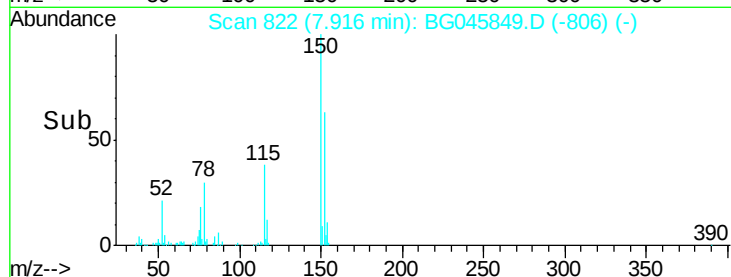
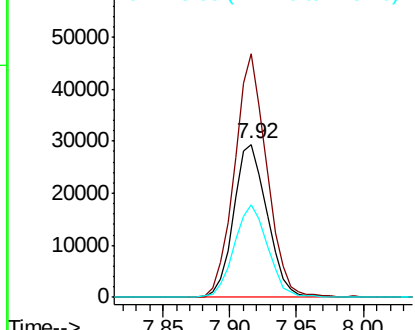
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Instrument :
BNA_G
ClientSampleId :
TR-05-062320

Tot Ion:152 Resp: 51016
Ion Ratio Lower Upper
152 100
150 159.2 113.1 169.7
115 60.3 43.8 65.6



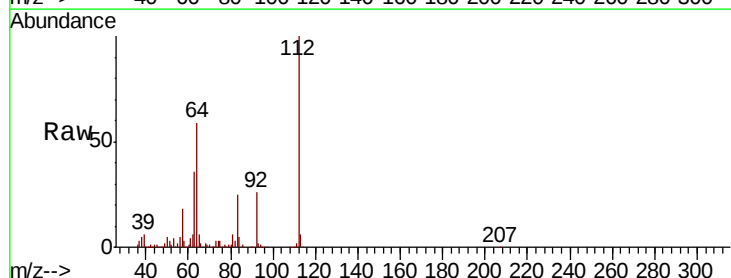
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



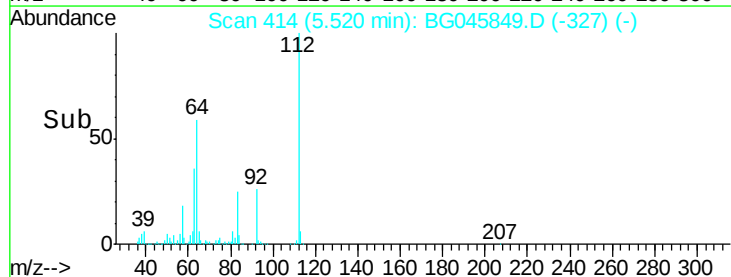
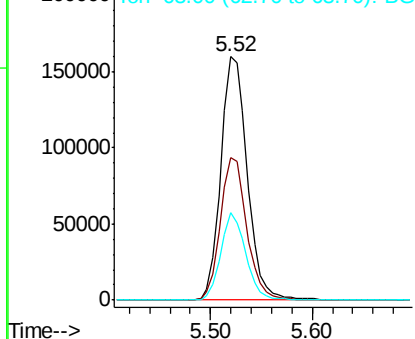
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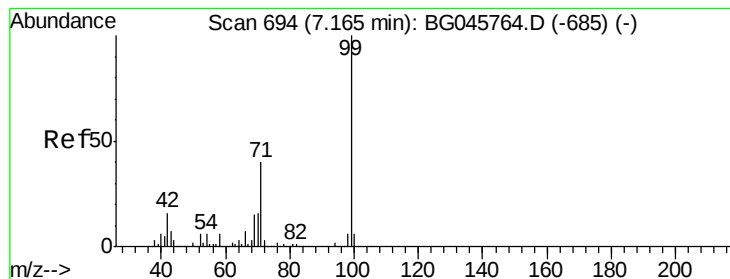
2-Fluorophenol
Concen: 95.836 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Tgt Ion:112 Resp: 289430
Ion Ratio Lower Upper
112 100
64 58.7 46.6 69.8
63 35.9 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 75.443 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

TR-05-062320

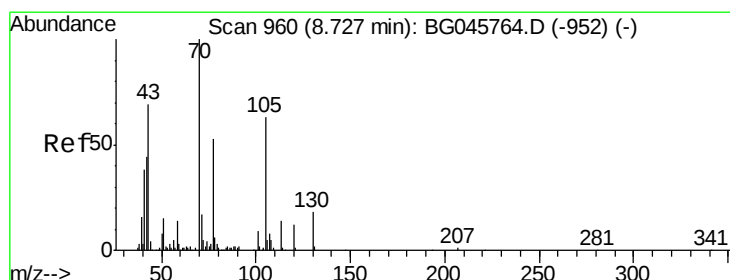
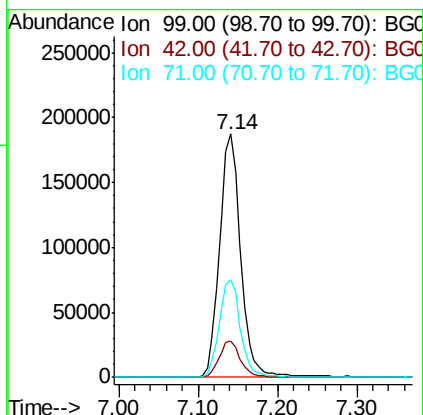
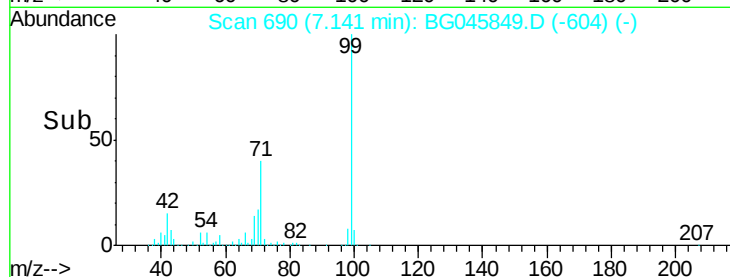
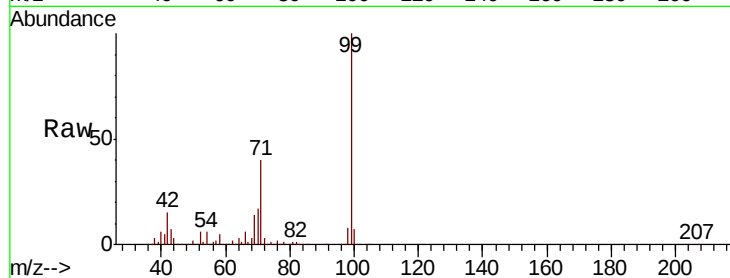
Tot Ion: 99 Resp: 346570

Ion Ratio Lower Upper

99 100

42 14.6 12.4 18.6

71 40.3 32.1 48.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.896 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Tgt Ion: 70 Resp: 48009

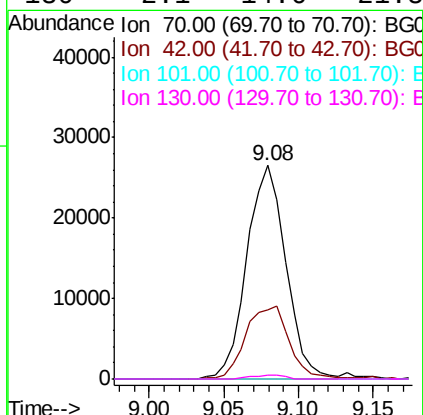
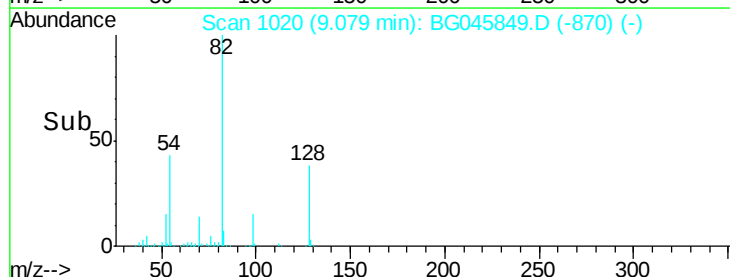
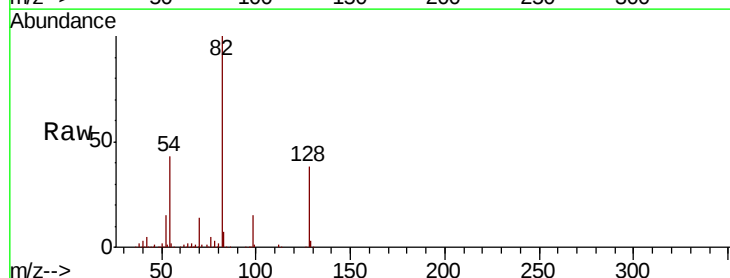
Ion Ratio Lower Upper

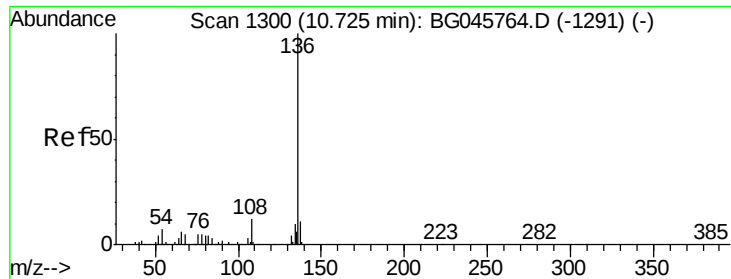
70 100

42 32.5 35.1 52.7#

101 0.0 7.4 11.0#

130 2.1 14.6 21.8#

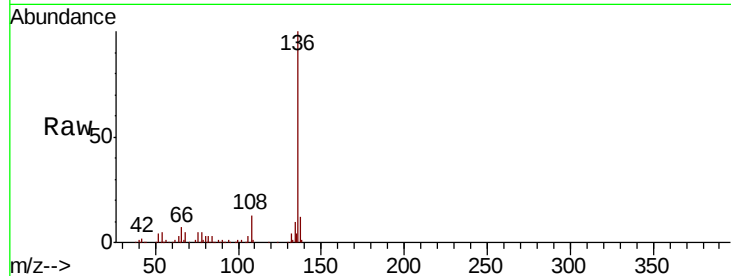




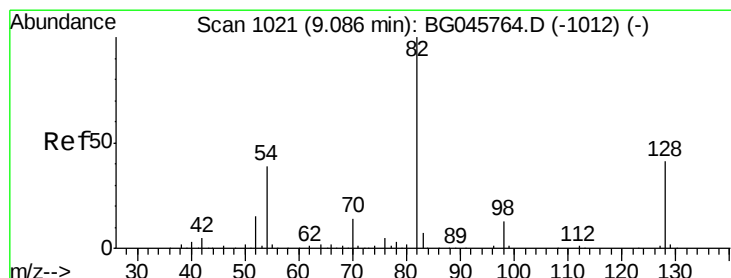
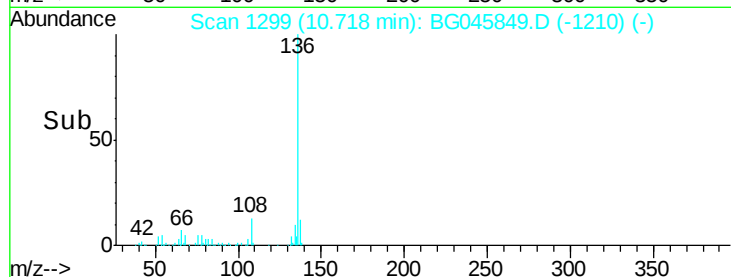
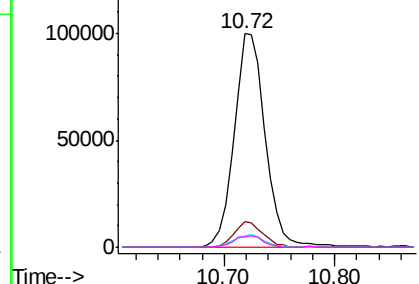
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Instrument :
BNA_G
ClientSampleId :
TR-05-062320

Tot Ion:136	Resp:	196129
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.7 13.1
54	5.4	5.8 8.6#
68	4.9	4.0 6.0

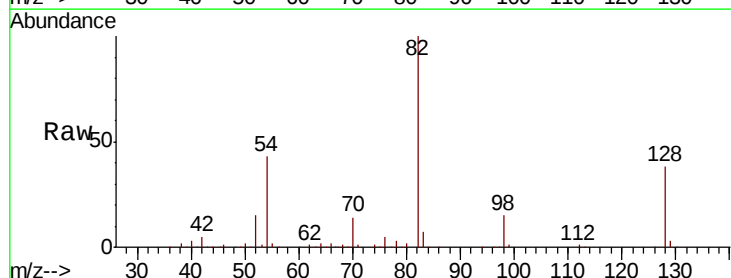


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

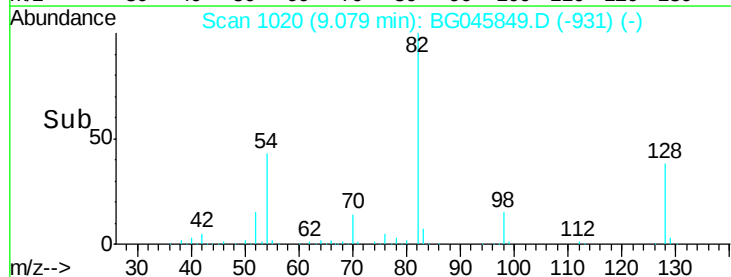
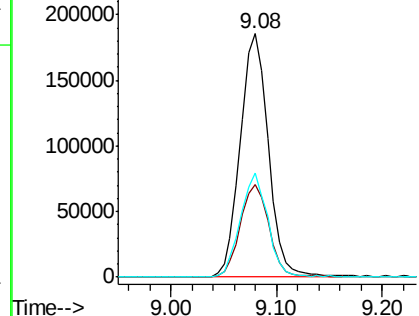


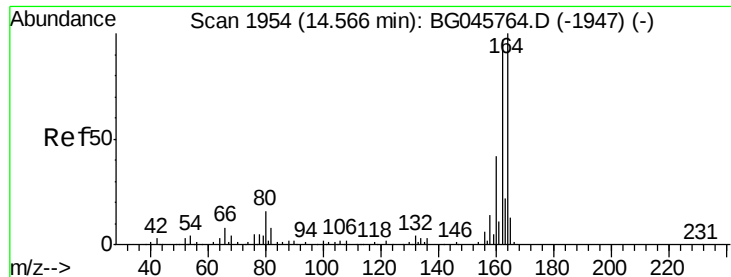
#23
Nitrobenzene-d5
Concen: 79.831 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Tgt Ion: 82	Resp:	342730
Ion Ratio	Lower	Upper
82	100	
128	38.2	32.5 48.7
54	42.7	31.2 46.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

TR-05-062320

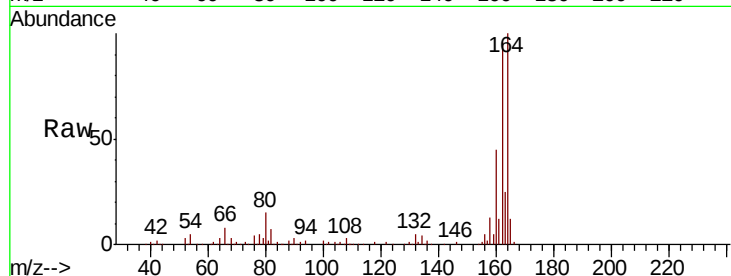
Tot Ion:164 Resp: 138978

Ion Ratio Lower Upper

164 100

162 96.4 77.4 116.0

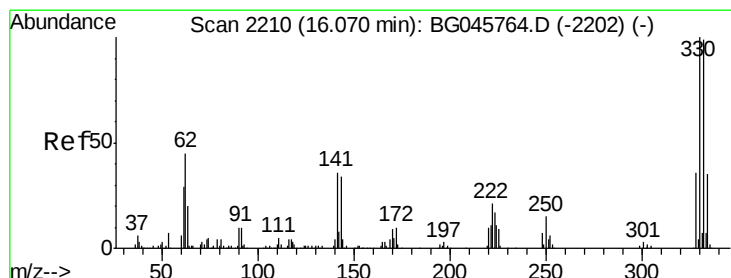
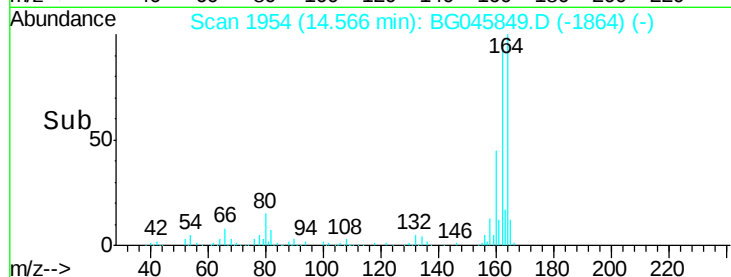
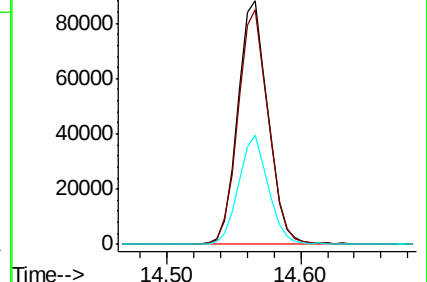
160 45.1 33.3 49.9



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: 123.282 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

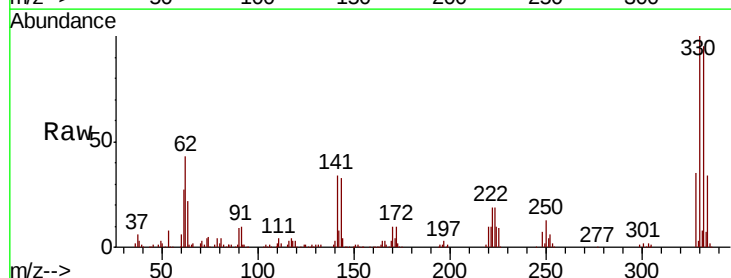
Tgt Ion:330 Resp: 258672

Ion Ratio Lower Upper

330 100

332 96.7 78.6 117.8

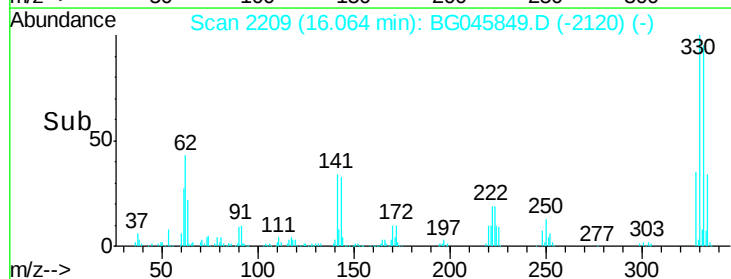
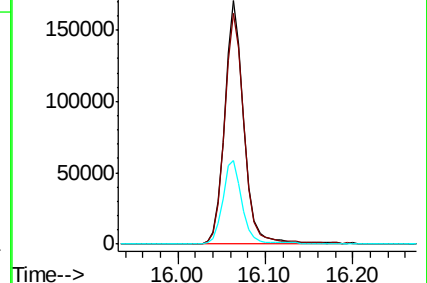
141 34.1 28.2 42.4

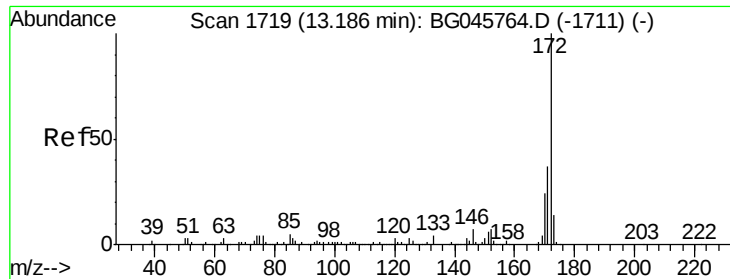


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

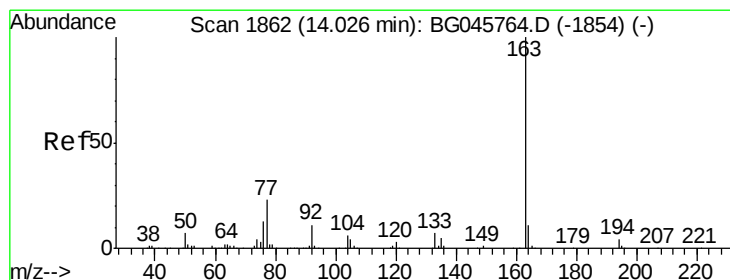
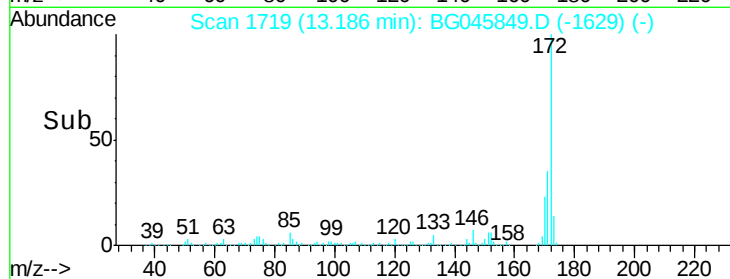
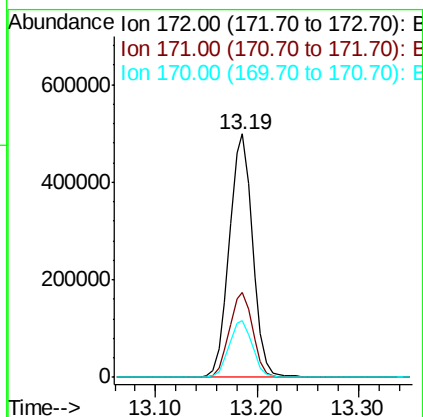
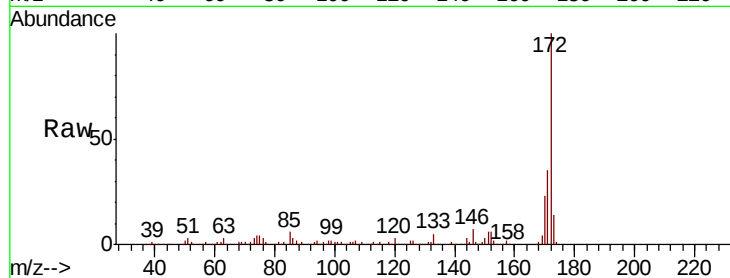




#45
2-Fluorobiphenyl
Concen: 84.166 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

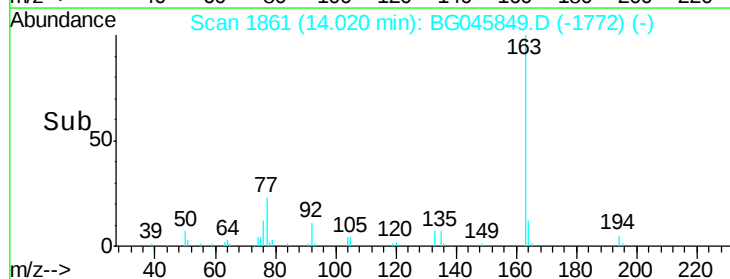
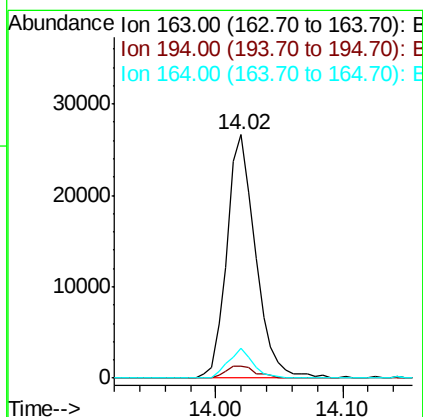
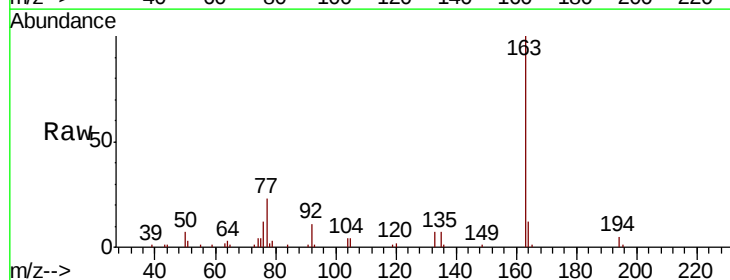
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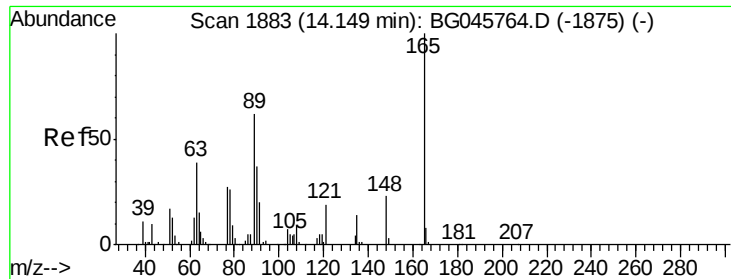
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.2	19.3	28.9



#50
Dimethylphthalate
Concen: 3.810 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	12.4	8.9	13.3

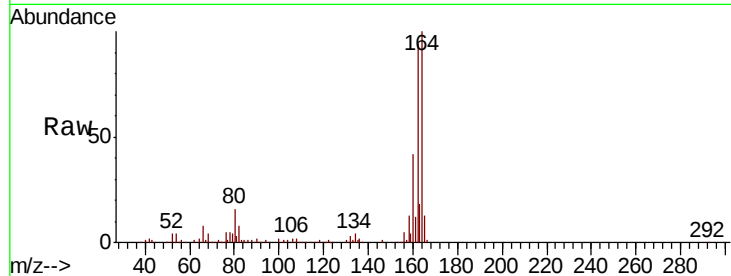




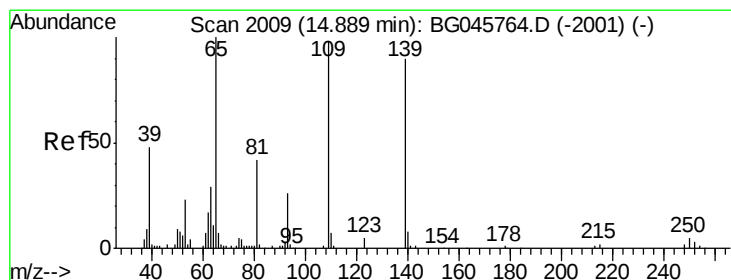
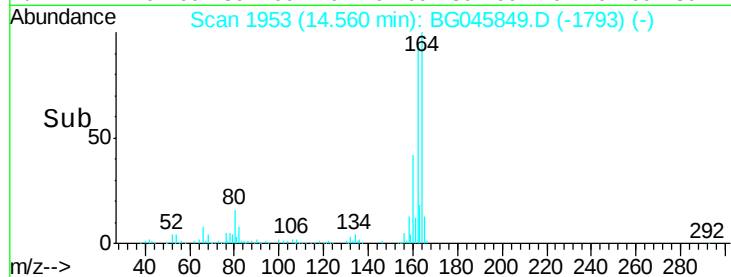
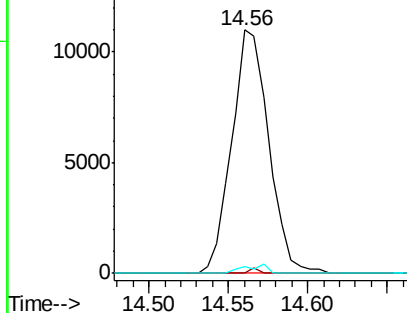
#51
 2,6-Dinitrotoluene
 Concen: 7.286 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.41 min
 Lab File: BG045849.D
 Acq: 24 Jun 2020 17:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062320

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.2	61.8#
89	3.0	49.7	74.5#

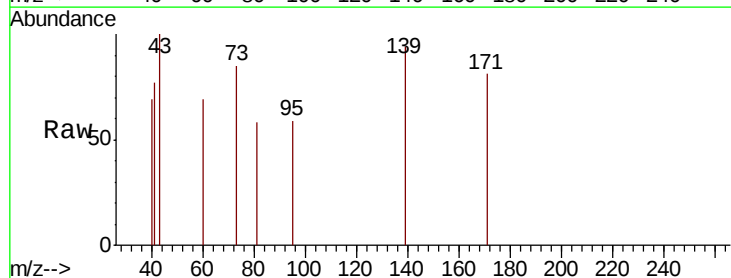


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

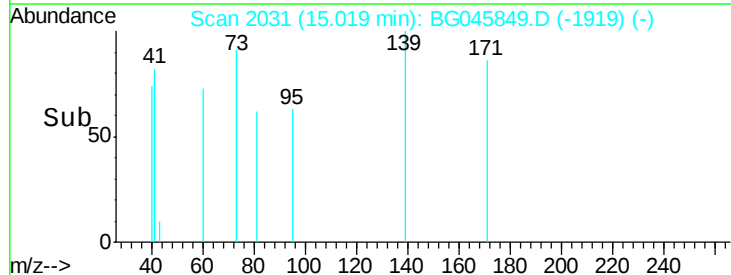
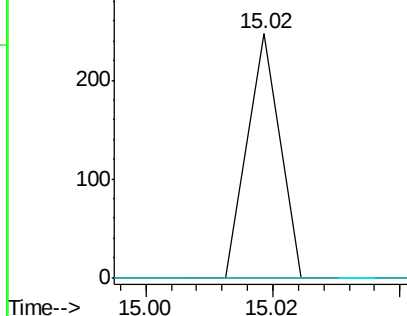


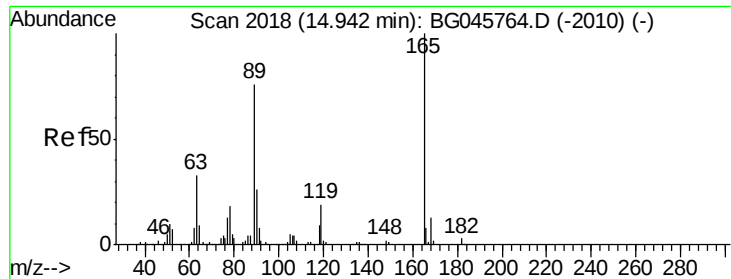
#56
 4-Nitrophenol
 Concen: 4.020 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. 0.13 min
 Lab File: BG045849.D
 Acq: 24 Jun 2020 17:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	88.9	128.9#
65	0.0	92.3	132.3#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGC

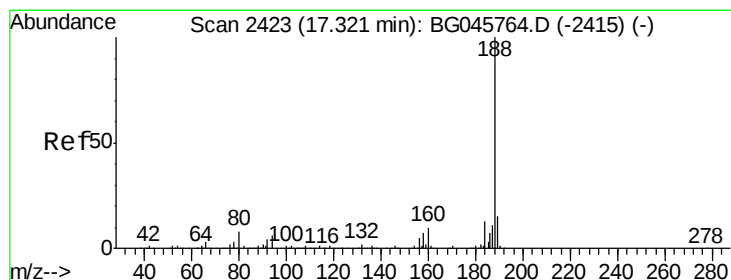
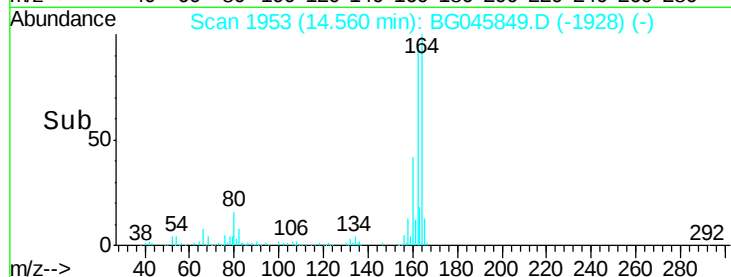
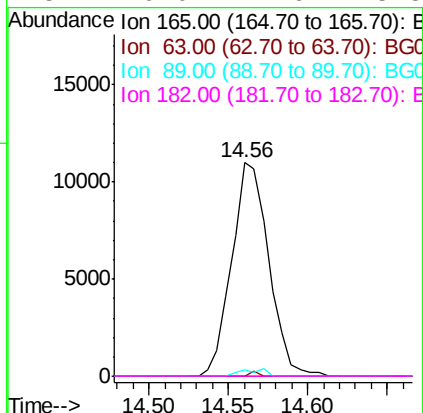
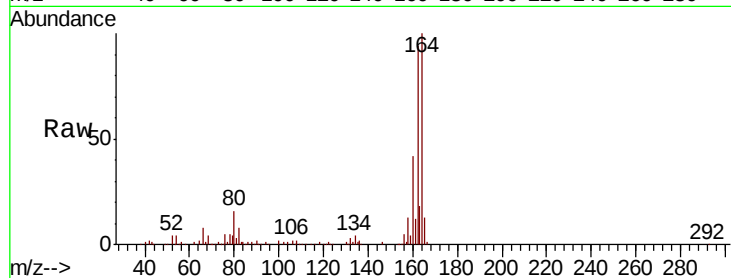




#57
 2,4-Dinitrotoluene
 Concen: 5.085 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.38 min
 Lab File: BG045849.D
 Acq: 24 Jun 2020 17:54

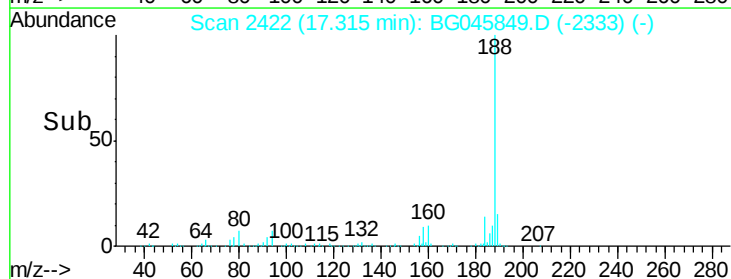
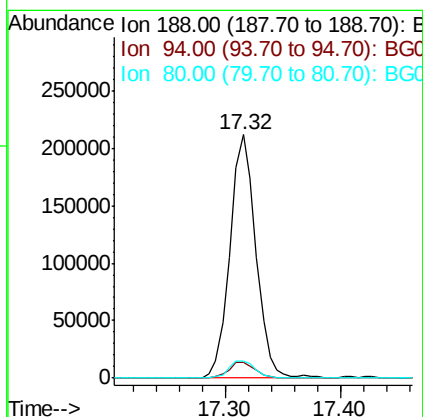
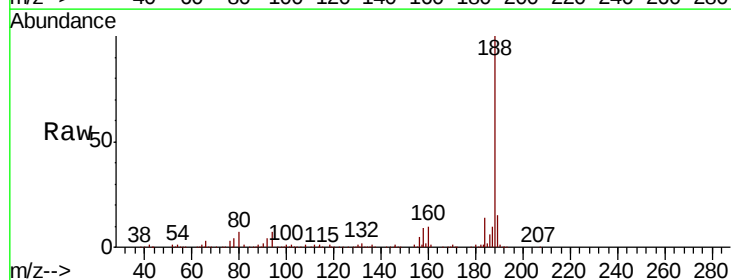
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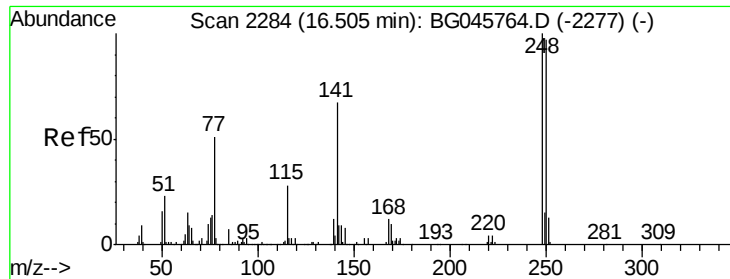
Tot Ion:165 Resp: 17816
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.8#
 89 3.0 60.4 90.6#
 182 0.0 2.6 3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG045849.D
 Acq: 24 Jun 2020 17:54

Tgt Ion:188 Resp: 329993
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 7.0 6.2 9.4

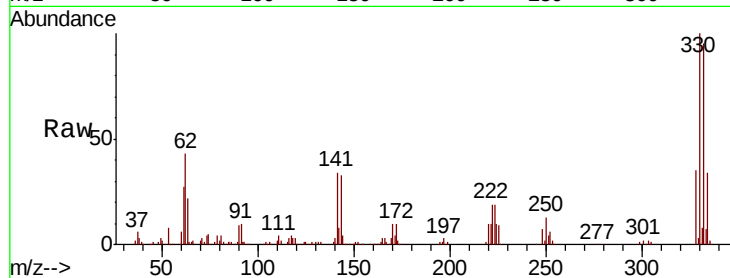




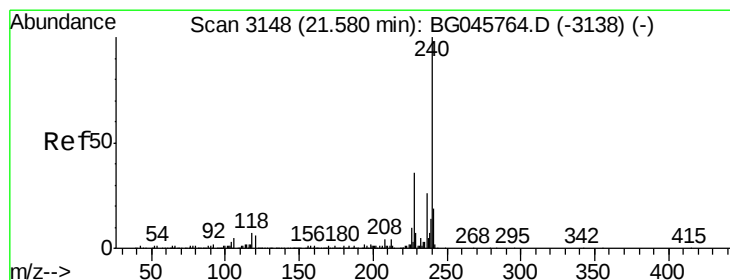
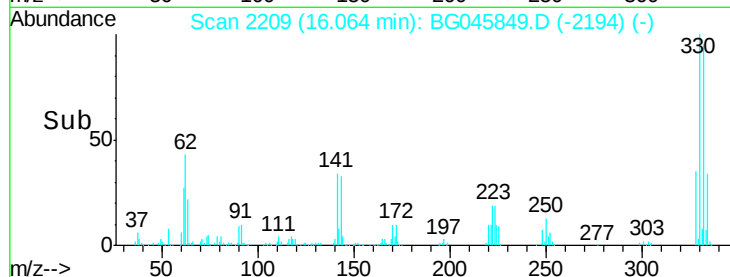
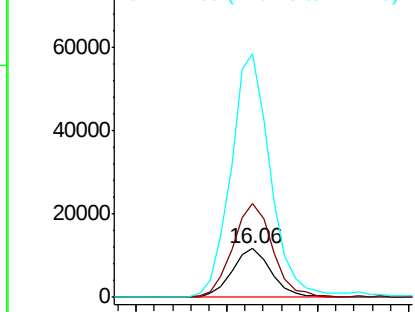
#67
4-Bromophenyl-phenylether
Concen: 4.084 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.44 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Instrument :
BNA_G
ClientSampleId :
TR-05-062320

Tot Ion:248 Resp: 17512
Ion Ratio Lower Upper
248 100
250 193.7 78.0 117.0#
141 500.4 53.9 80.9#

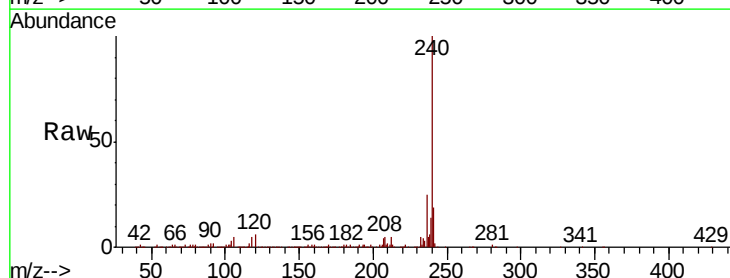


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

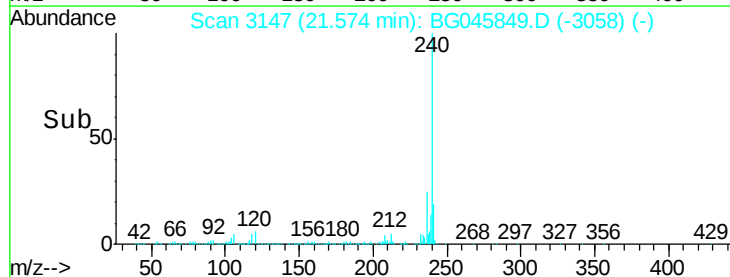
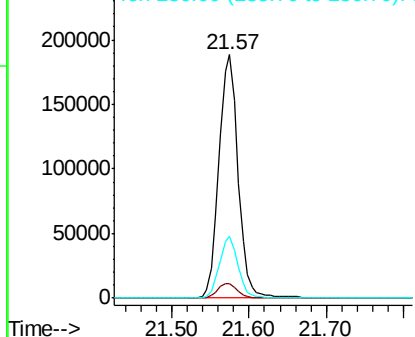


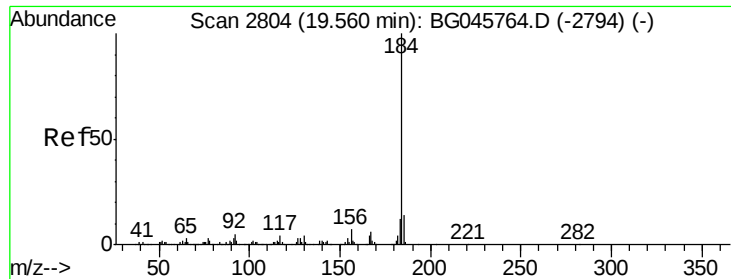
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Tgt Ion:240 Resp: 324778
Ion Ratio Lower Upper
240 100
120 6.2 5.0 7.4
236 25.3 20.6 30.8



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: 2.984 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

TR-05-062320

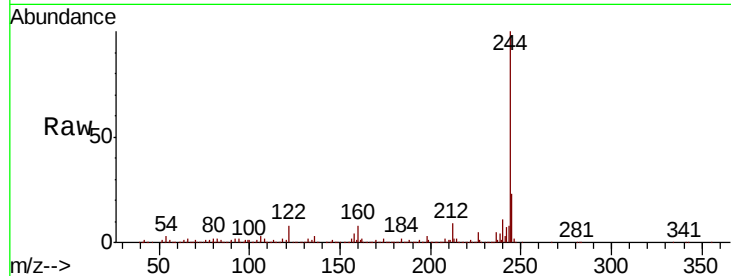
Tot Ion:184 Resp: 25194

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

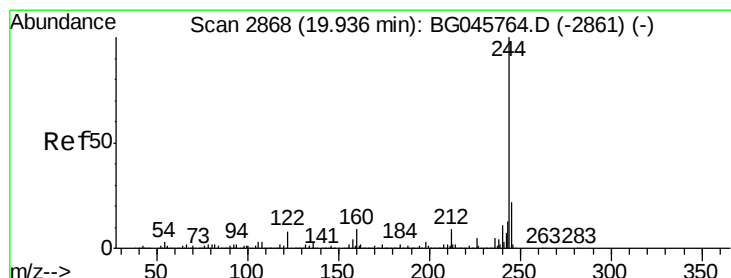
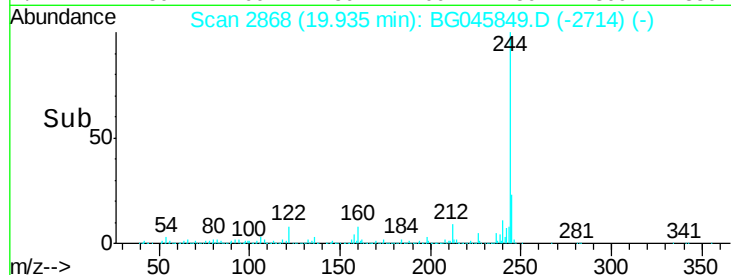
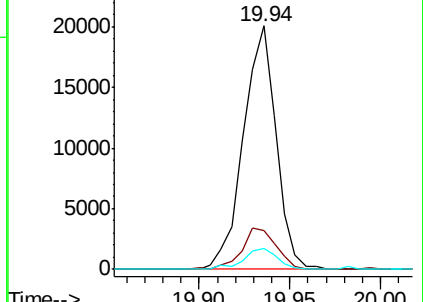
183 8.8 9.7 14.5#



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: 85.262 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

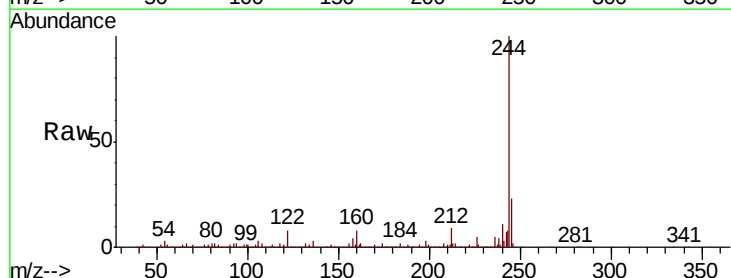
Tgt Ion:244 Resp: 1366396

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

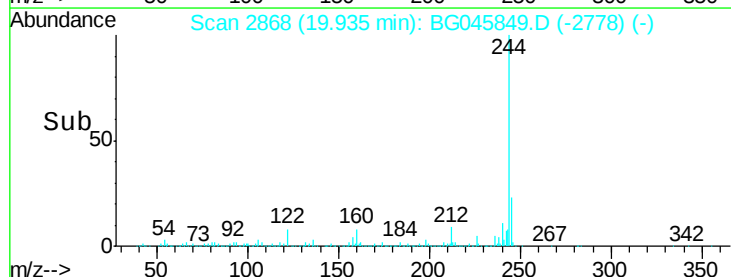
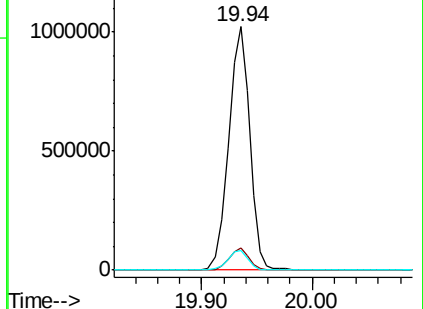
122 8.1 6.4 9.6

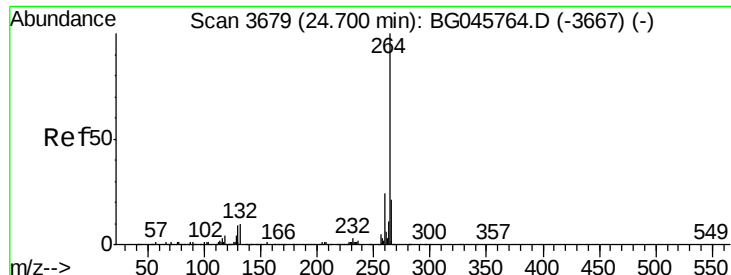


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.70 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Instrument :
BNA_G
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.4
265	21.5	17.4	26.0

