

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045853.D
 Acq On : 24 Jun 2020 20:36
 Operator : CG/JU
 Sample : L3089-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB44767-RT

Quant Time: Jun 25 00:45:41 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	51910	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	205985	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	149123	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	340716	20.00	ng	0.00
76) Chrysene-d12	21.57	240	331889	20.00	ng	0.00
86) Perylene-d12	24.70	264	342917	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	325117	105.80	ng	-0.02
7) Phenol-d6	7.14	99	414301	88.63	ng	-0.03
23) Nitrobenzene-d5	9.08	82	388437	86.15	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	298522	132.60	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	906493	89.33	ng	0.00
79) Terphenyl-d14	19.94	244	1585680	96.83	ng	0.00

Target Compounds

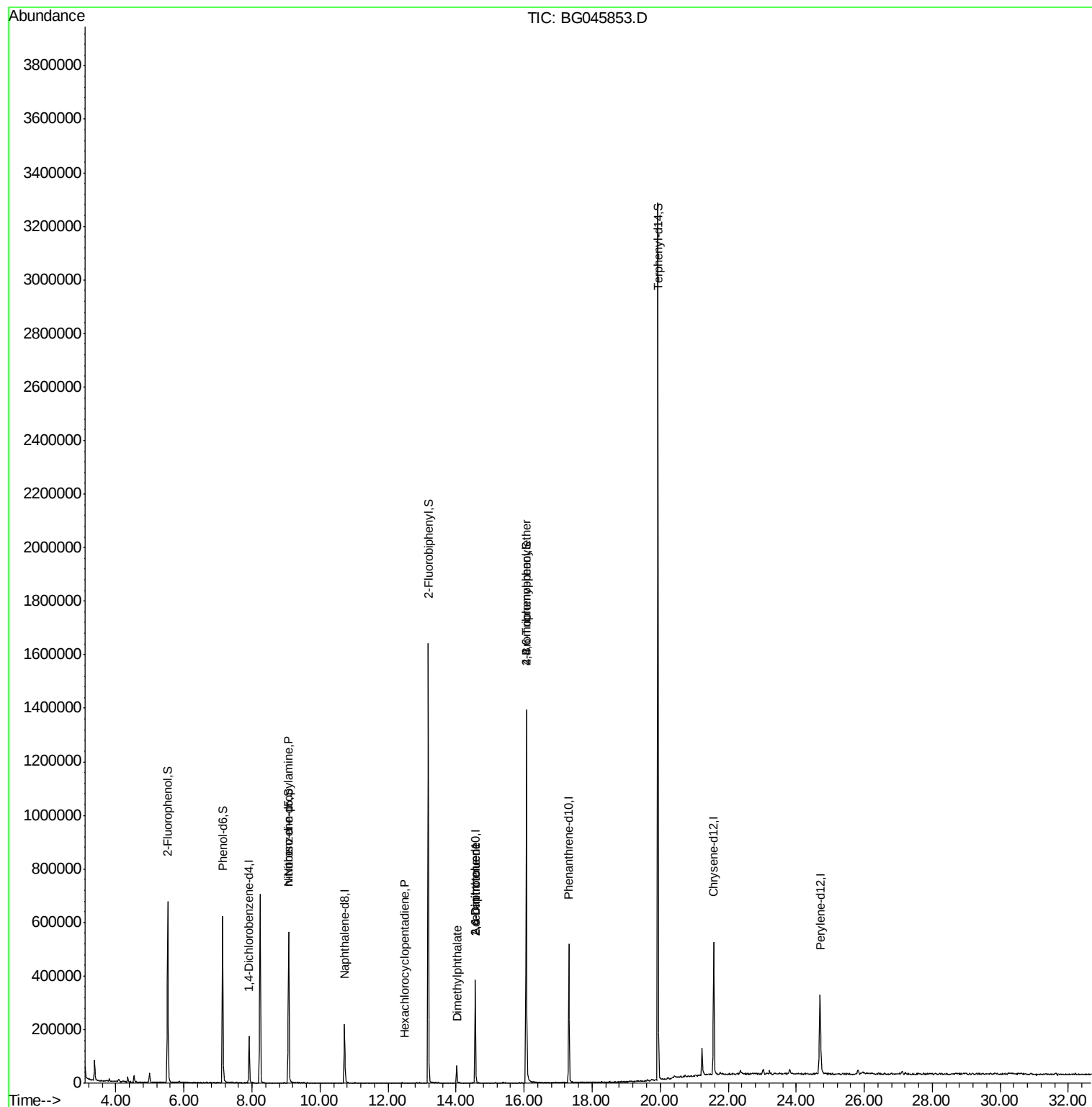
						Qvalue
19) n-Nitroso-di-n-propylamine	9.08	70	54087	17.600	ng	# 82
41) Hexachlorocyclopentadiene	12.49	237	55	8.437	ng	# 27
50) Dimethylphthalate	14.02	163	47635	4.078	ng	96
51) 2,6-Dinitrotoluene	14.56	165	18432	7.025	ng	# 25
57) 2,4-Dinitrotoluene	14.56	165	18432	4.903	ng	# 24
67) 4-Bromophenyl-phenylether	16.06	248	20173	4.557	ng	# 1

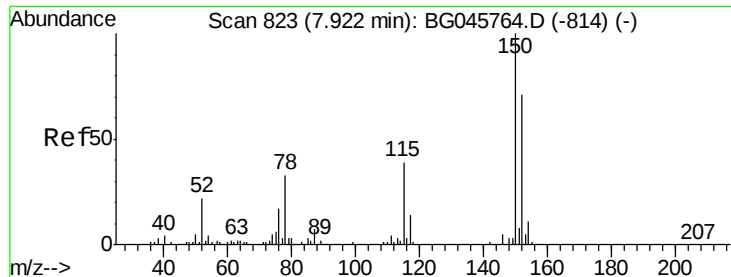
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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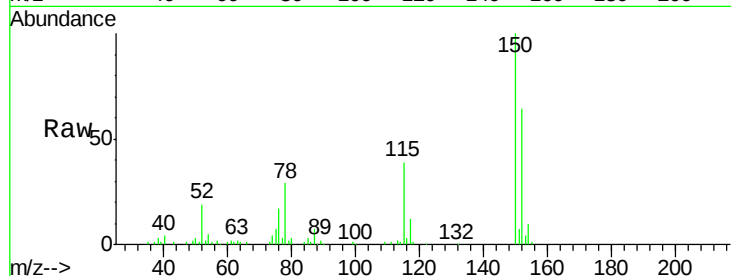


#1

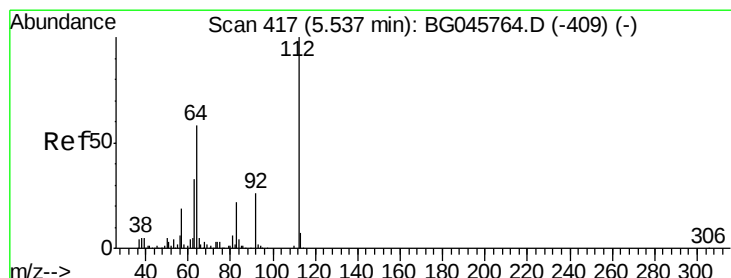
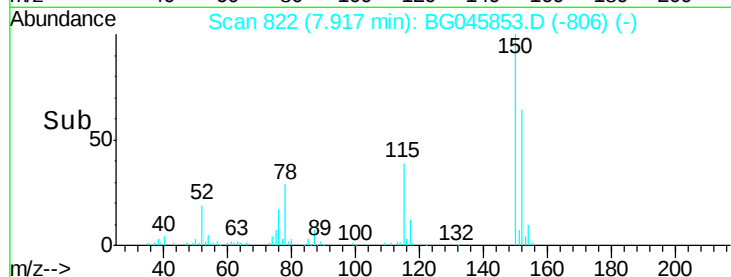
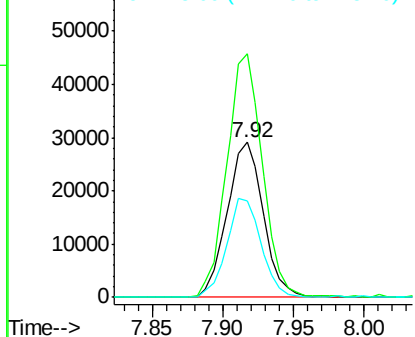
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045853.D
Acq: 24 Jun 2020 20:36

Instrument :
BNA_G
ClientSampleId :
RB44767-RT

Tot Ion:152 Resp: 51910
Ion Ratio Lower Upper
152 100
150 156.9 113.1 169.7
115 61.9 43.8 65.6



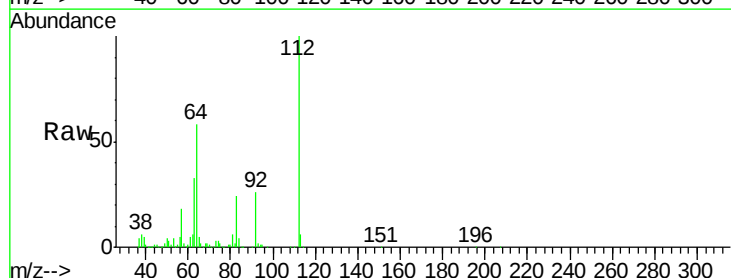
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



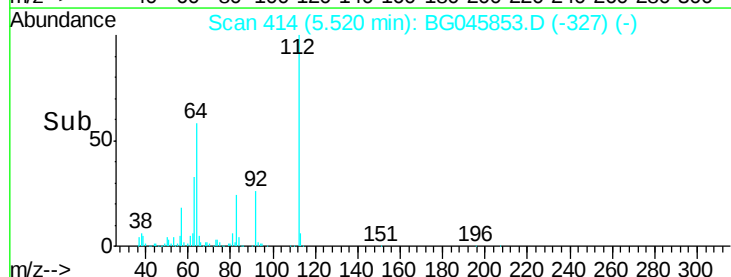
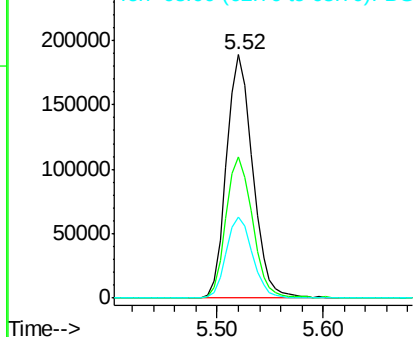
#5

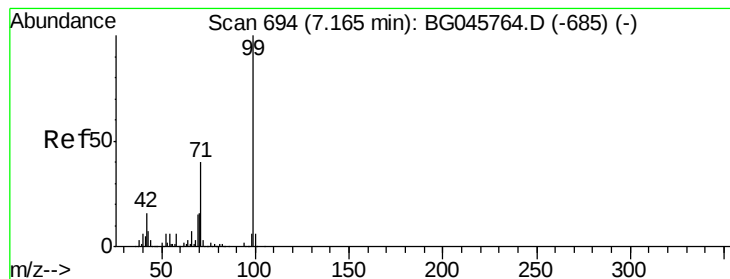
2-Fluorophenol
Concen: 105.798 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG045853.D
Acq: 24 Jun 2020 20:36

Tgt Ion:112 Resp: 325117
Ion Ratio Lower Upper
112 100
64 58.2 46.6 69.8
63 33.2 26.3 39.5



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: 88.634 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

Instrument :

BNA_G

ClientSampleId :

RB44767-RT

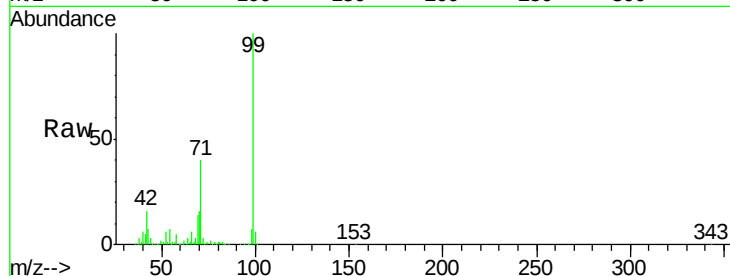
Tot Ion: 99 Resp: 414301

Ion Ratio Lower Upper

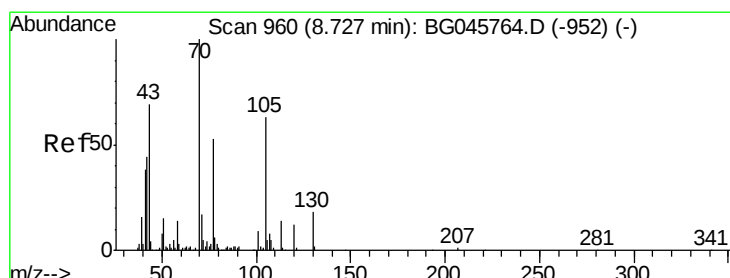
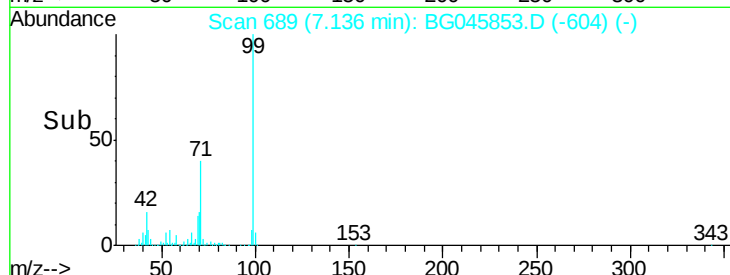
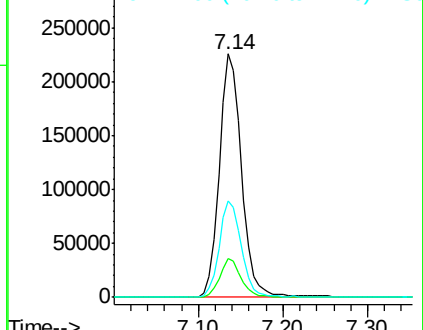
99 100

42 16.0 12.4 18.6

71 39.8 32.1 48.1



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: 17.600 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

Tgt Ion: 70 Resp: 54087

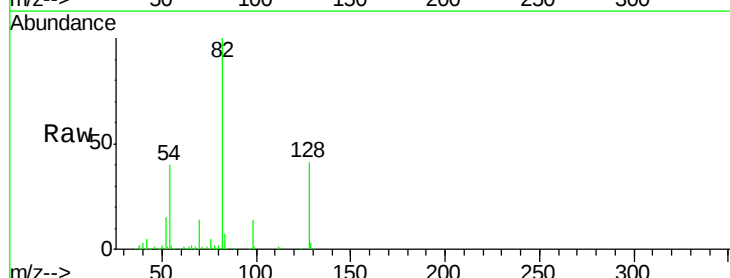
Ion Ratio Lower Upper

70 100

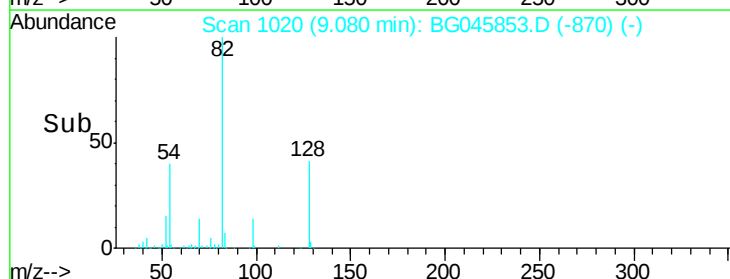
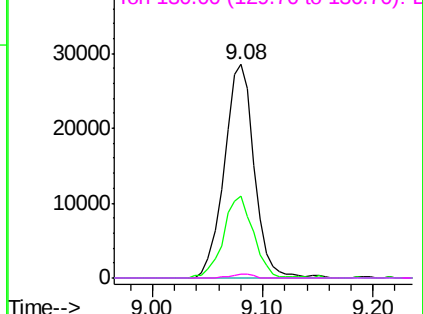
42 38.4 35.1 52.7

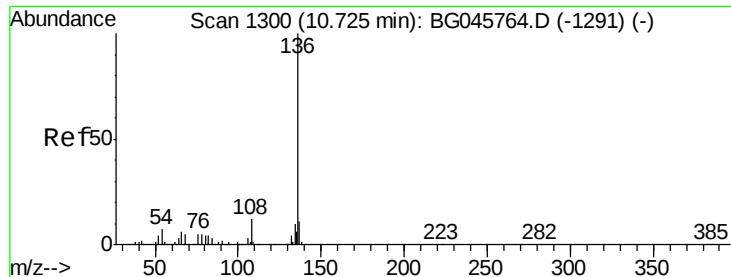
101 0.0 7.4 11.0#

130 1.8 14.6 21.8#



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

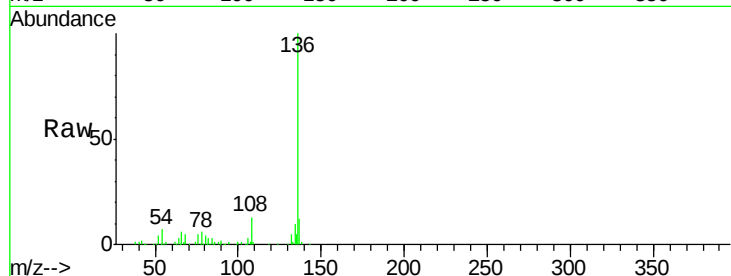




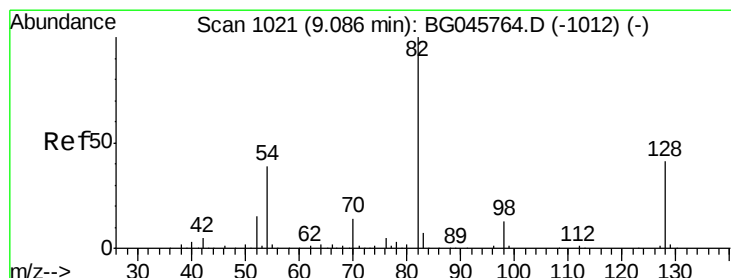
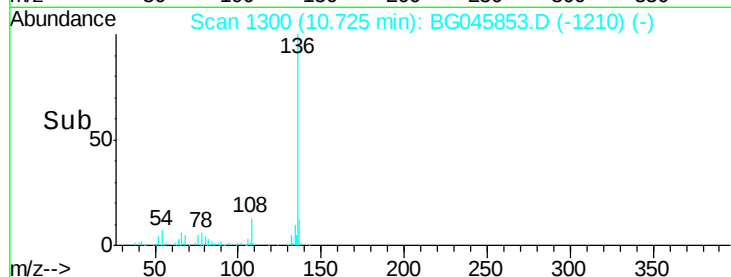
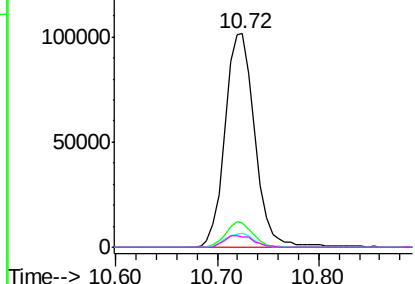
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045853.D
Acq: 24 Jun 2020 20:36

Instrument :
BNA_G
ClientSampleId :
RB44767-RT

Tot Ion:136	Resp:	205985
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.7 13.1
54	6.7	5.8 8.6
68	5.0	4.0 6.0

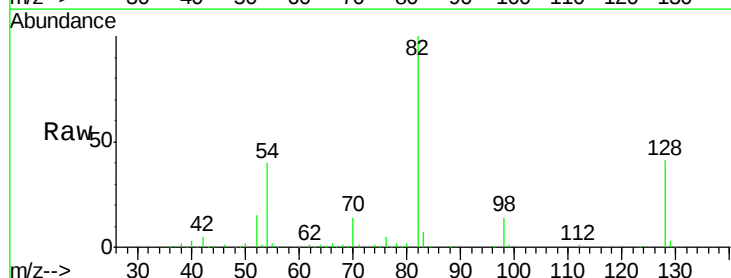


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

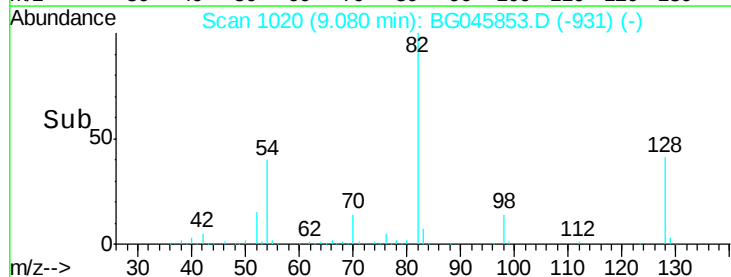
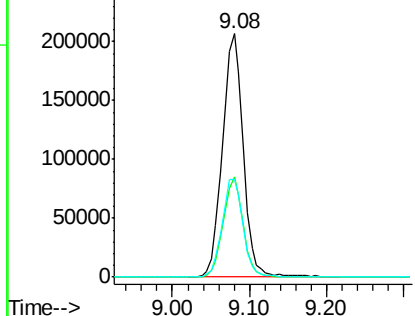


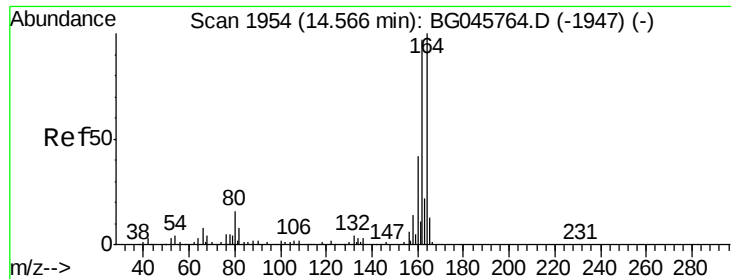
#23
Nitrobenzene-d5
Concen: 86.148 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045853.D
Acq: 24 Jun 2020 20:36

Tgt Ion: 82	Resp:	388437
Ion	Ratio	Lower Upper
82	100	
128	41.4	32.5 48.7
54	40.3	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: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

Instrument :

BNA_G

ClientSampleId :

RB44767-RT

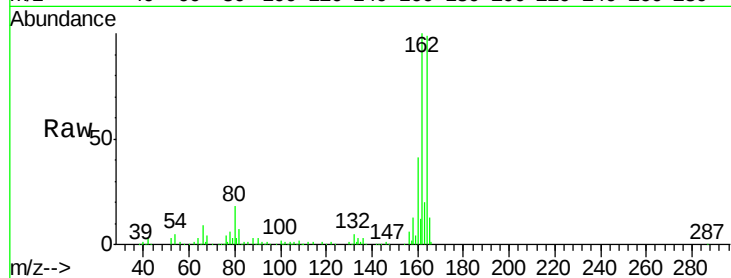
Tot Ion:164 Resp: 149123

Ion Ratio Lower Upper

164 100

162 100.9 77.4 116.0

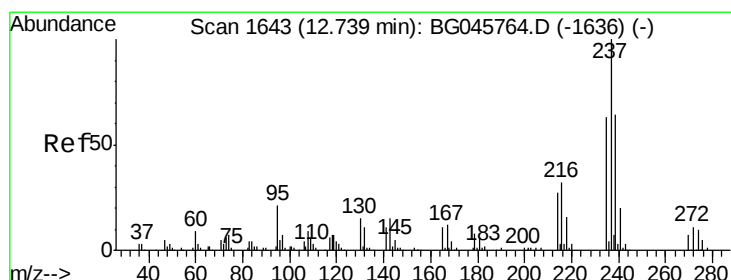
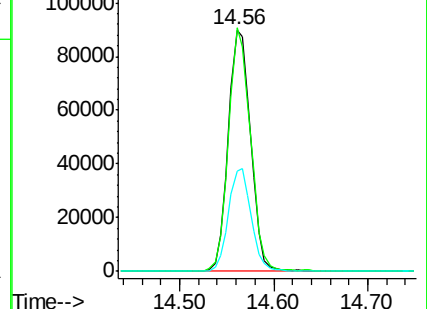
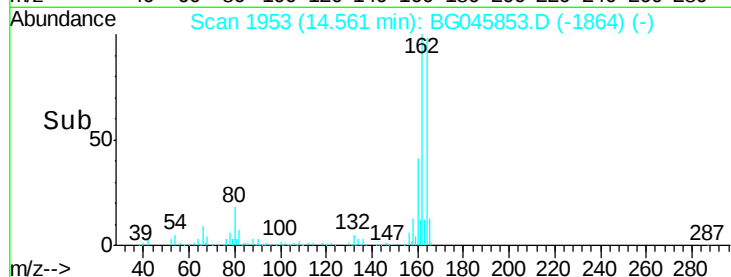
160 41.7 33.3 49.9



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



#41

Hexachlorocyclopentadiene

Concen: 8.437 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.25 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

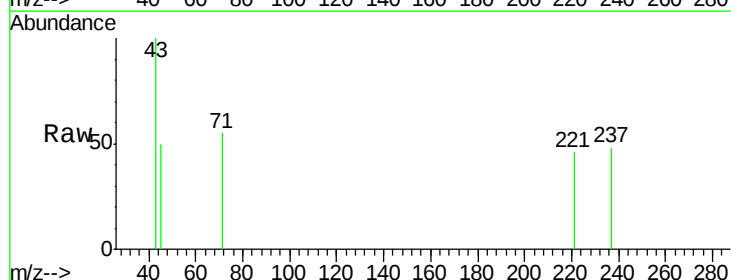
Tgt Ion:237 Resp: 55

Ion Ratio Lower Upper

237 100

235 0.0 42.9 82.9#

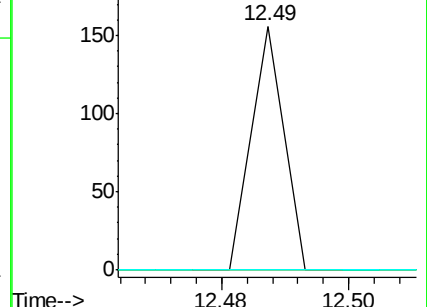
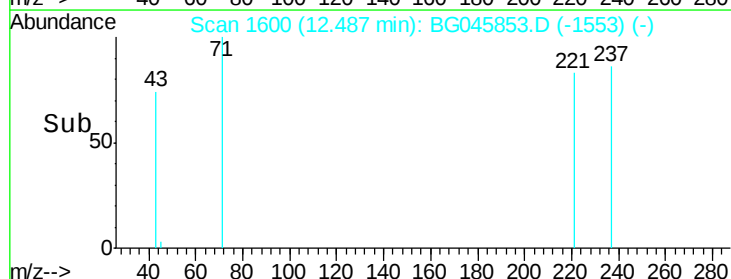
272 0.0 0.0 30.9

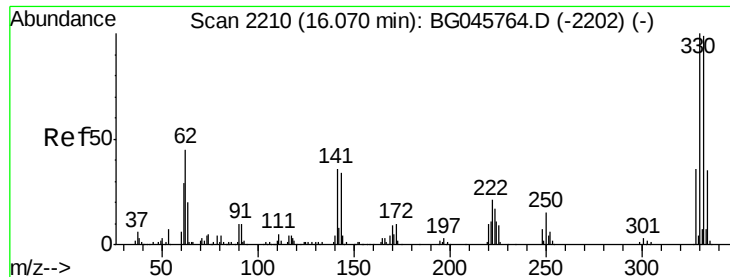


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

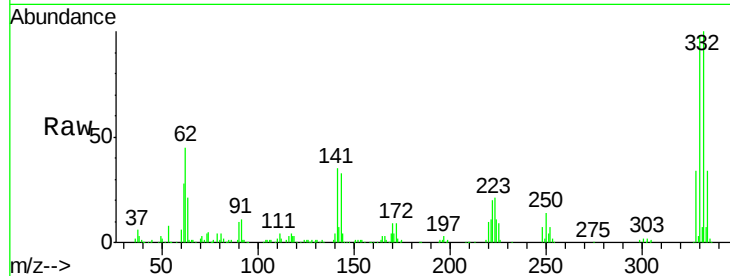




#42
 2,4,6-Tribromophenol
 Concen: 132.596 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG045853.D
 Acq: 24 Jun 2020 20:36

Instrument :
 BNA_G
 ClientSampleId :
 RB44767-RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	117.8
141	34.8	28.2	42.4

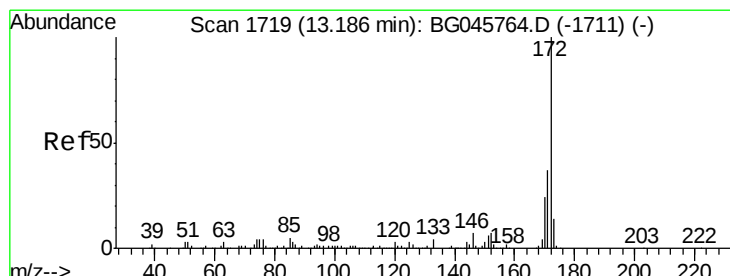
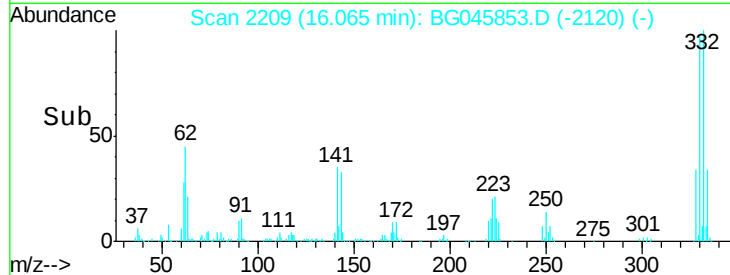
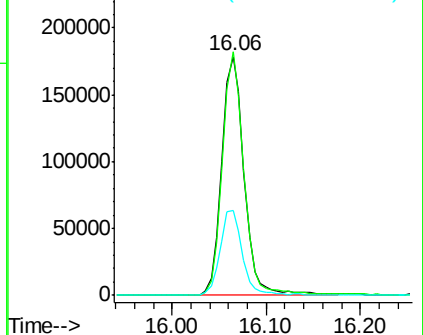


Abundance

Ion 329.80 (329.50 to 330.50): E

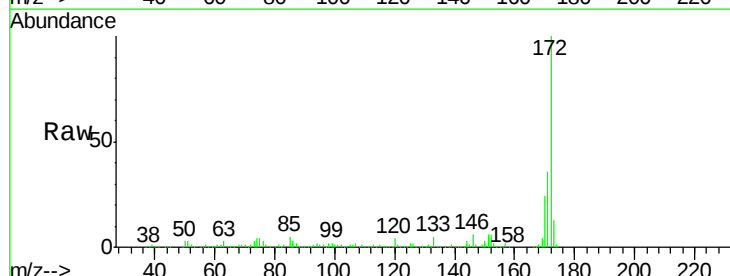
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.332 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045853.D
 Acq: 24 Jun 2020 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	23.8	19.3	28.9

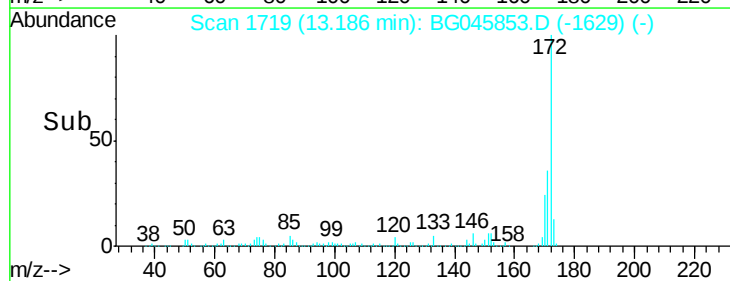
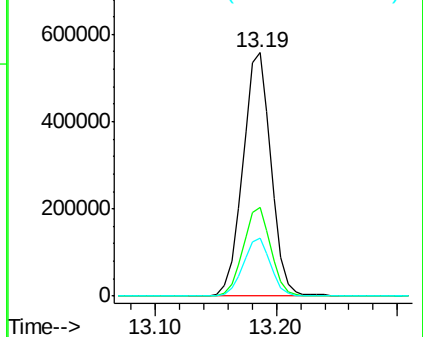


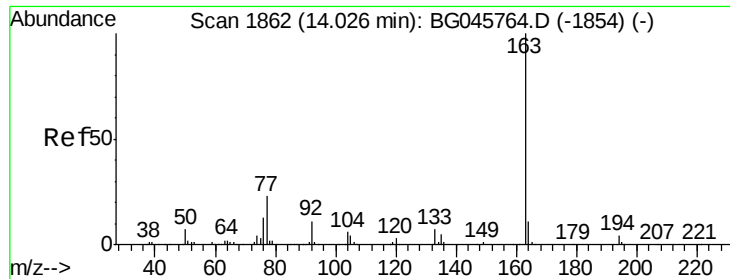
Abundance

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: 4.078 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

Instrument :

BNA_G

ClientSampleId :

RB44767-RT

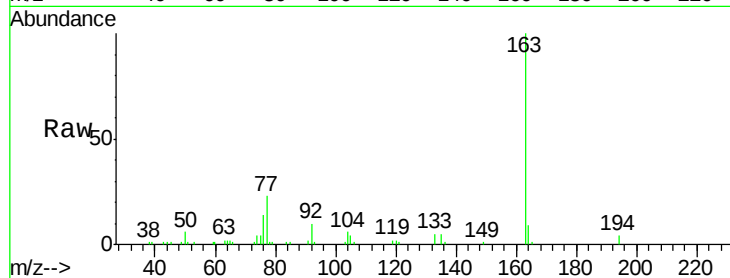
Tot Ion:163 Resp: 47635

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

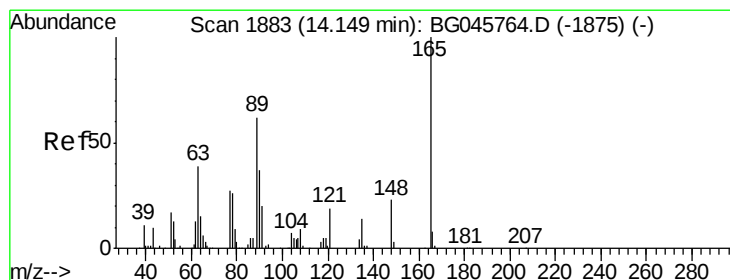
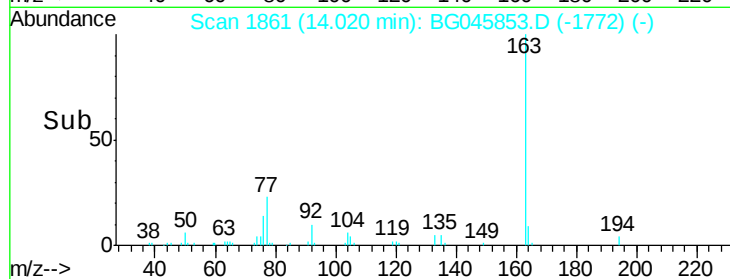
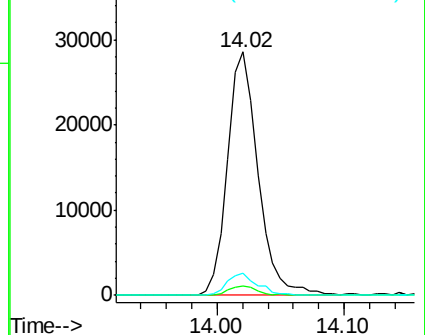
164 8.9 8.9 13.3



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



#51

2,6-Dinitrotoluene

Concen: 7.025 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.41 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

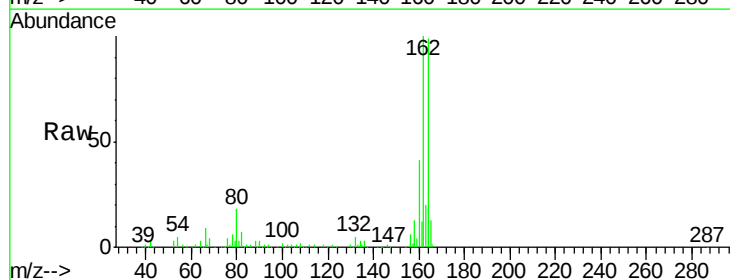
Tgt Ion:165 Resp: 18432

Ion Ratio Lower Upper

165 100

63 0.0 41.2 61.8#

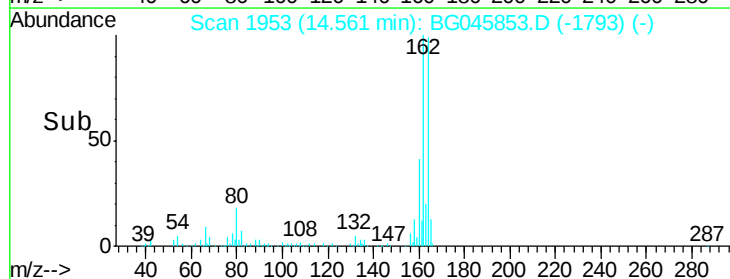
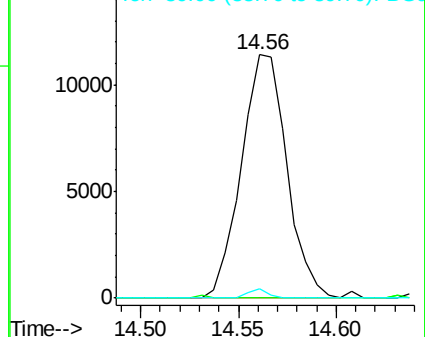
89 3.9 49.7 74.5#

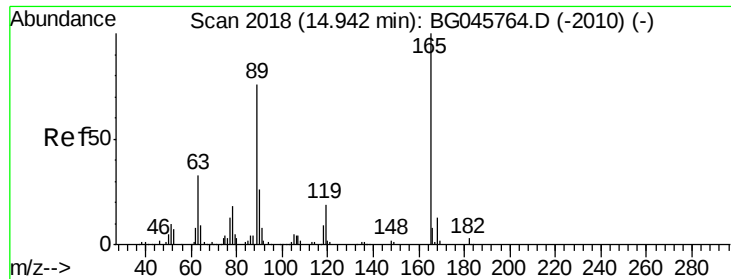


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

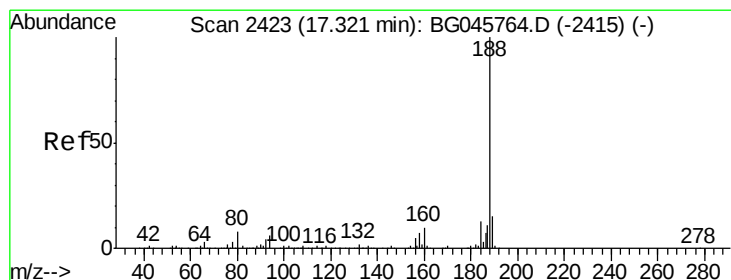
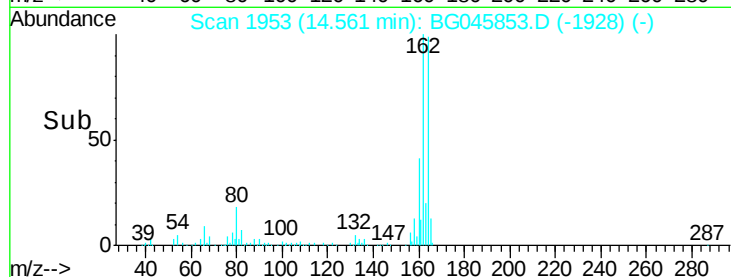
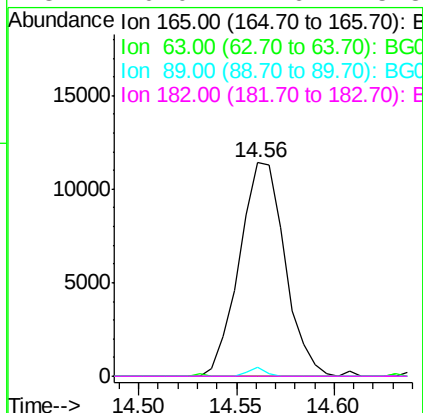
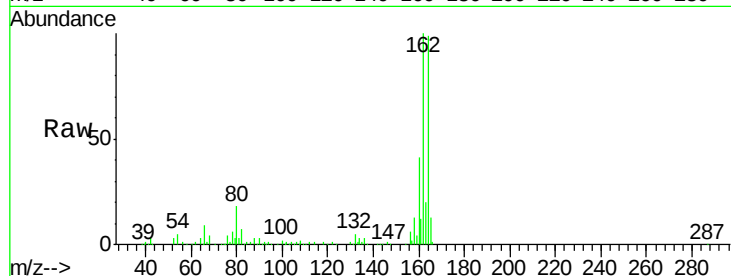




#57
2,4-Dinitrotoluene
Concen: 4.903 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.38 min
Lab File: BG045853.D
Acq: 24 Jun 2020 20:36

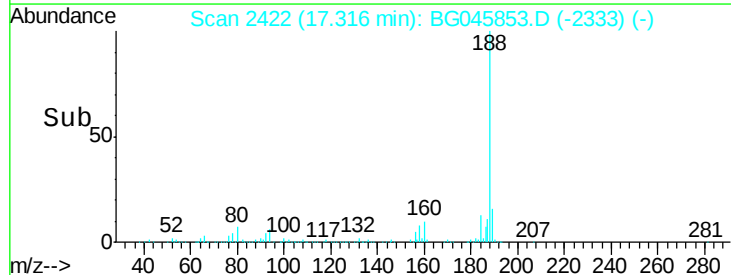
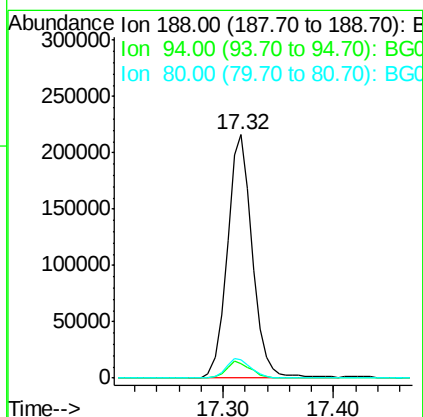
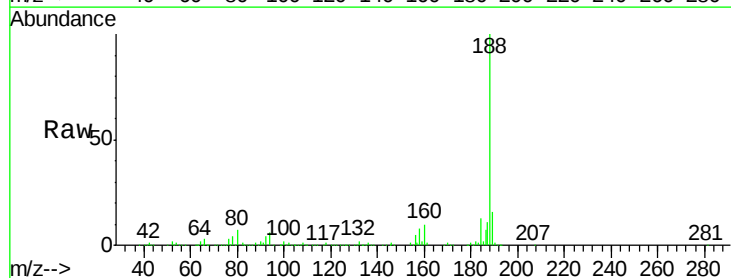
Instrument :
BNA_G
ClientSampleId :
RB44767-RT

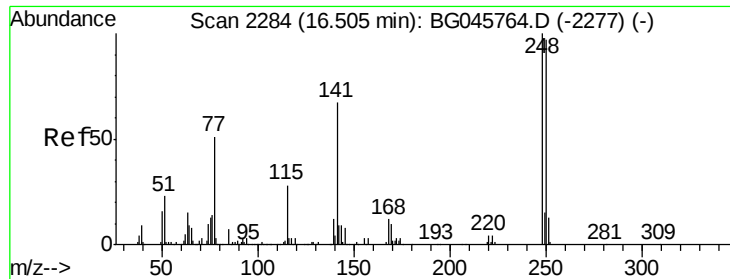
Tot Ion:165 Resp: 18432
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.8#
89 3.9 60.4 90.6#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045853.D
Acq: 24 Jun 2020 20:36

Tgt Ion:188 Resp: 340716
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 7.4 6.2 9.4

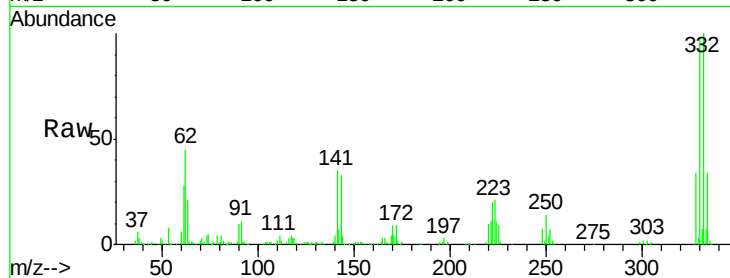




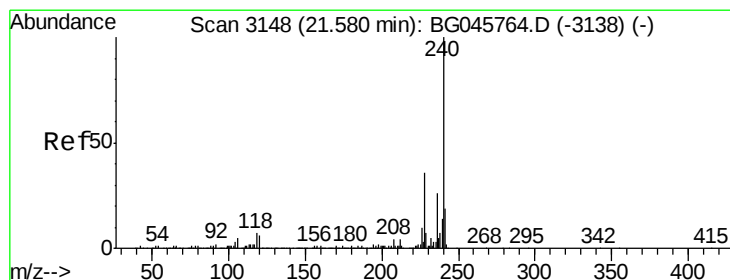
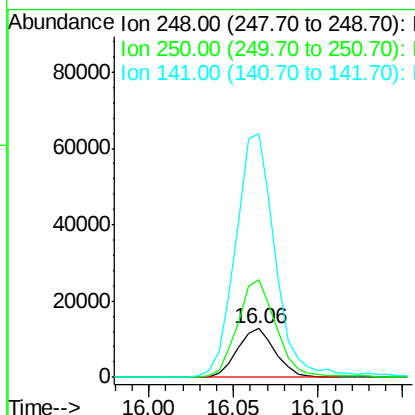
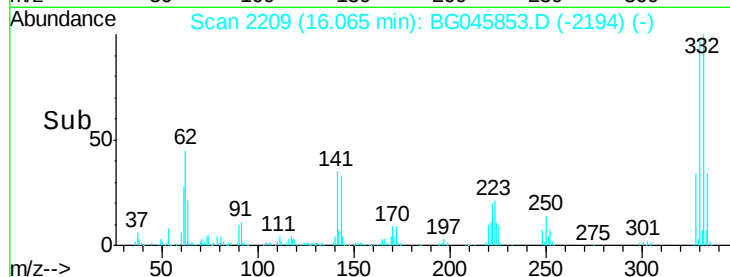
#67
 4-Bromophenyl-phenylether
 Concen: 4.557 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.44 min
 Lab File: BG045853.D
 Acq: 24 Jun 2020 20:36

Instrument :
 BNA_G
 ClientSampleId :
 RB44767-RT

Tot Ion:248 Resp: 20173
 Ion Ratio Lower Upper
 248 100
 250 199.3 78.0 117.0#
 141 498.2 53.9 80.9#

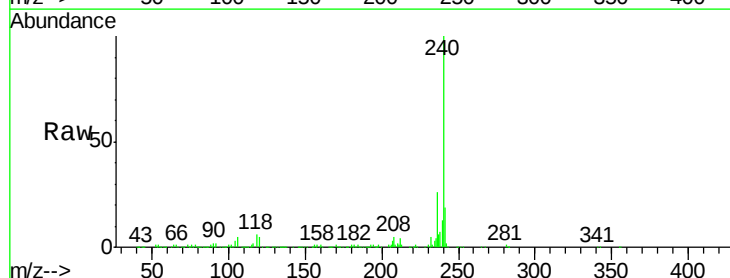


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

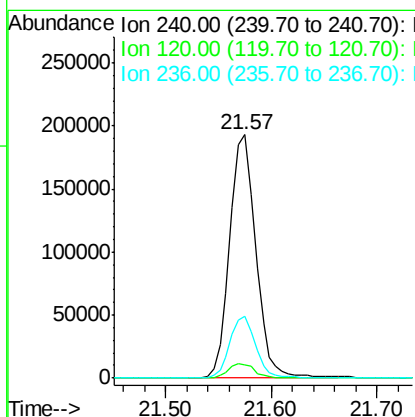
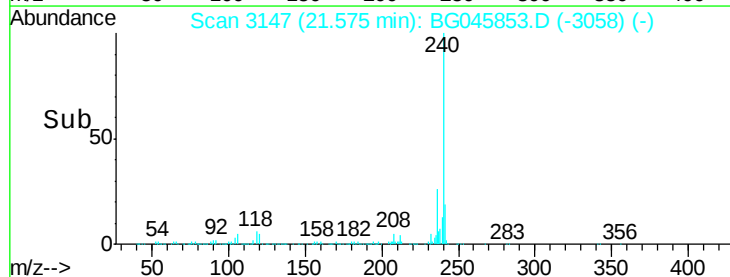


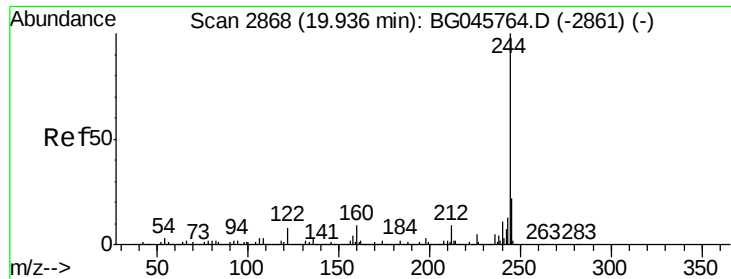
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG045853.D
 Acq: 24 Jun 2020 20:36

Tgt Ion:240 Resp: 331889
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.0 7.4
 236 25.6 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





#79

Terphenyl-d14

Concen: 96.825 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

Instrument :

BNA_G

ClientSampleId :

RB44767-RT

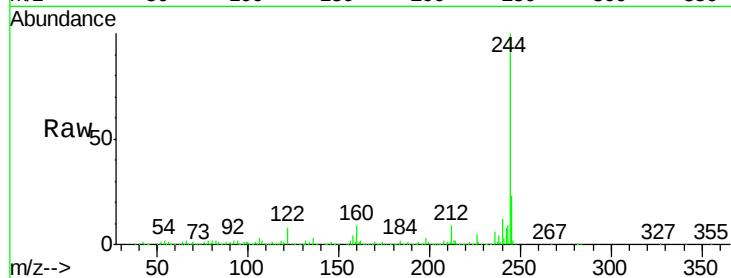
Tot Ion:244 Resp: 1585680

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

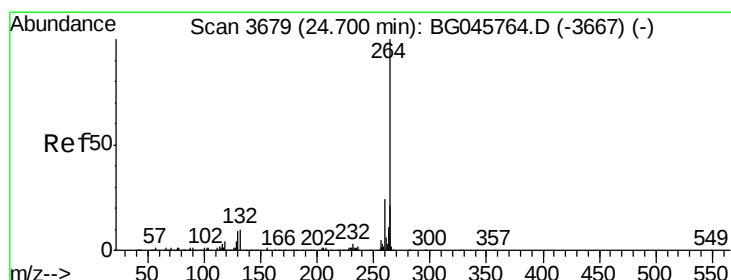
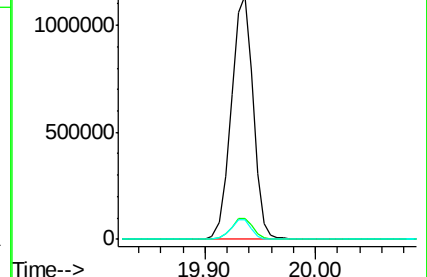
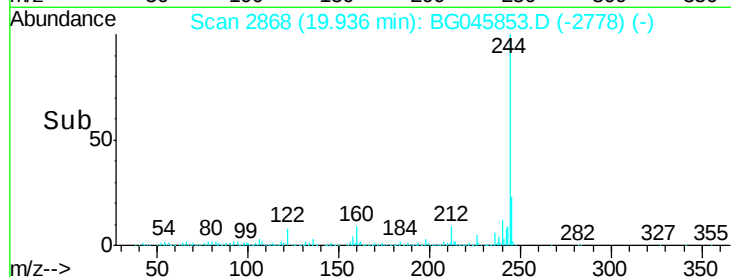
122 8.3 6.4 9.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045853.D

Acq: 24 Jun 2020 20:36

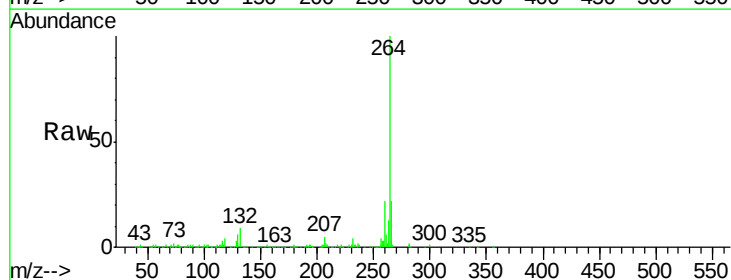
Tgt Ion:264 Resp: 342917

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 22.0 17.4 26.0



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

