

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045802.D
 Acq On : 18 Jun 2020 21:01
 Operator : CG/JU
 Sample : L3024-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-17

Quant Time: Jun 19 03:33:03 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

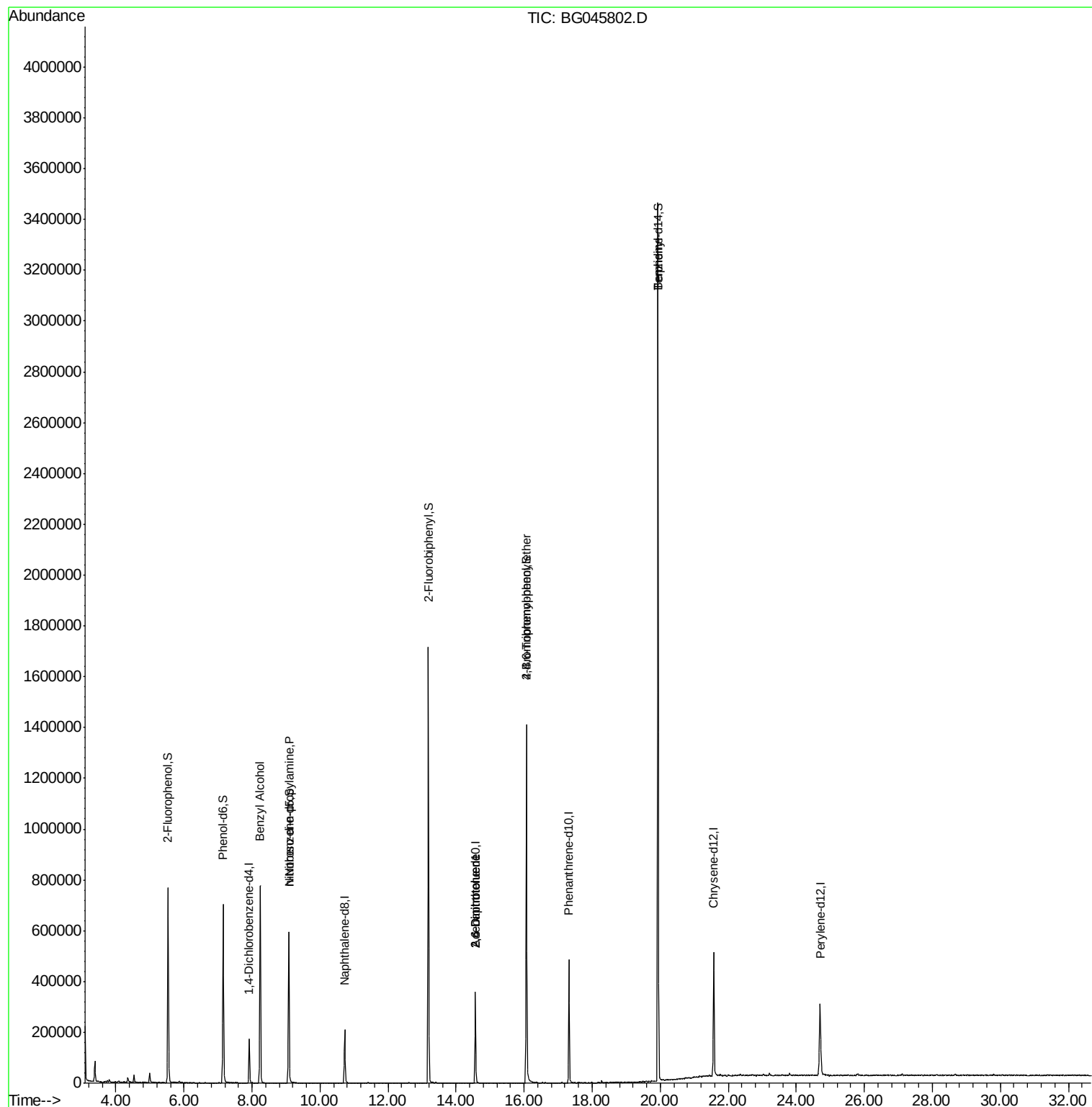
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52751	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	196001	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	137370	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	328958	20.00	ng	0.00
76) Chrysene-d12	21.57	240	325722	20.00	ng	0.00
86) Perylene-d12	24.70	264	332721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	372747	119.36	ng	0.00
7) Phenol-d6	7.15	99	463832	97.65	ng	-0.01
23) Nitrobenzene-d5	9.08	82	413897	96.47	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	304019	146.59	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	941433	100.71	ng	0.00
79) Terphenyl-d14	19.93	244	1676038	104.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	7546	2.053	ng	# 49
19) n-Nitroso-di-n-propylamine	9.08	70	56233	18.007	ng	# 81
51) 2,6-Dinitrotoluene	14.57	165	18788	7.773	ng	# 24
57) 2,4-Dinitrotoluene	14.57	165	18788	5.425	ng	# 22
67) 4-Bromophenyl-phenylether	16.06	248	19903	4.656	ng	# 1
77) Benzidine	19.93	184	30986	3.659	ng	# 89

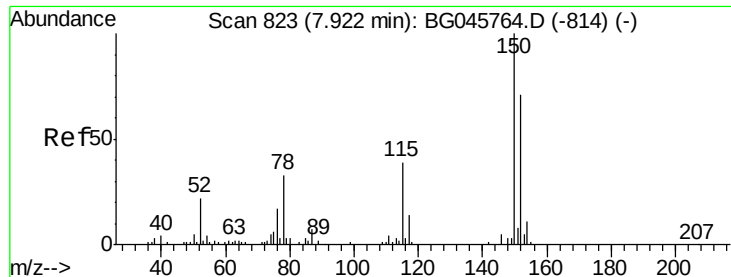
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



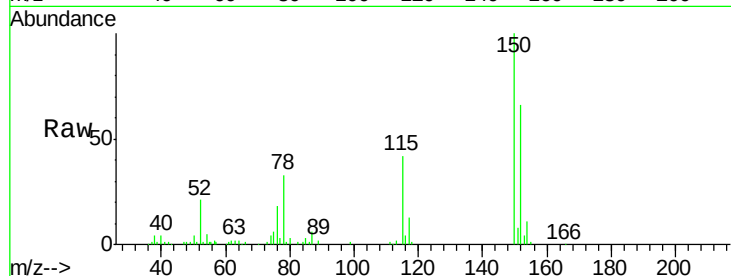


#1

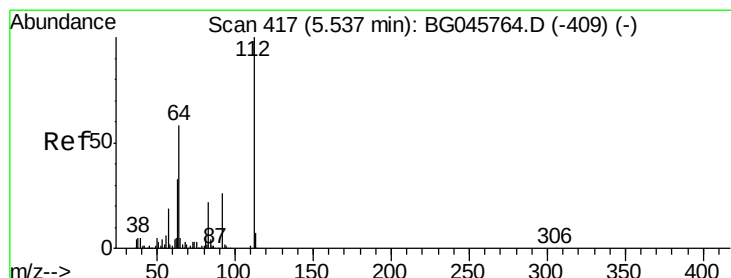
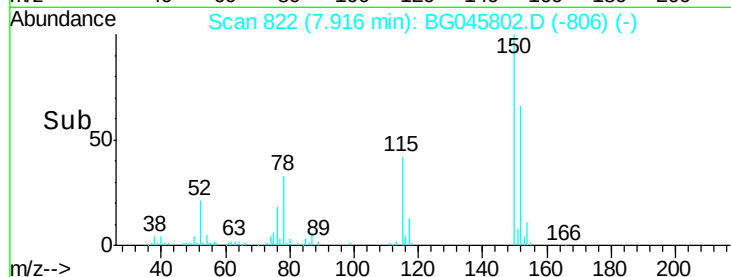
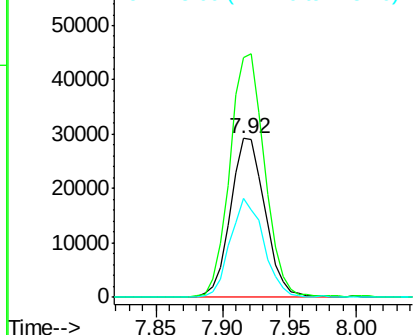
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Instrument :
BNA_G
ClientSampleId :
RO-17

Tot Ion:152 Resp: 52751
Ion Ratio Lower Upper
152 100
150 150.8 113.1 169.7
115 62.7 43.8 65.6



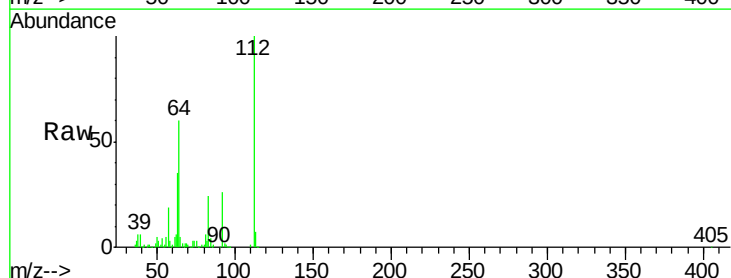
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



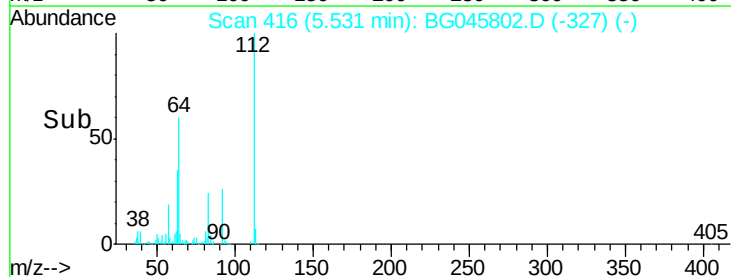
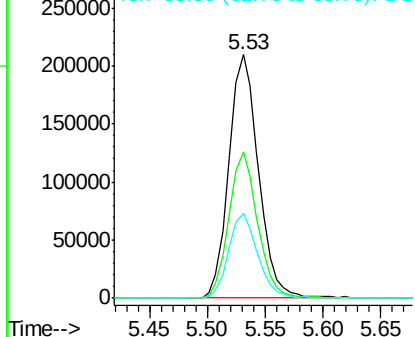
#5

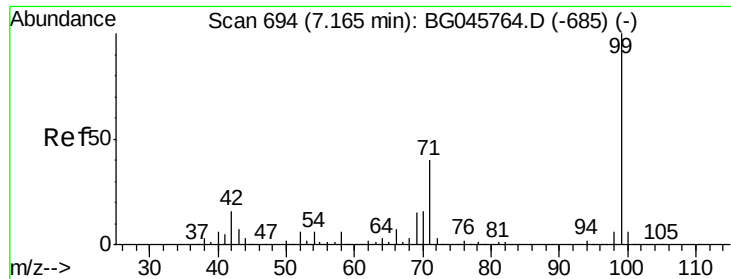
2-Fluorophenol
Concen: 119.364 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Tgt Ion:112 Resp: 372747
Ion Ratio Lower Upper
112 100
64 59.9 46.6 69.8
63 35.1 26.3 39.5



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: 97.649 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Instrument :

BNA_G

ClientSampleId :

RO-17

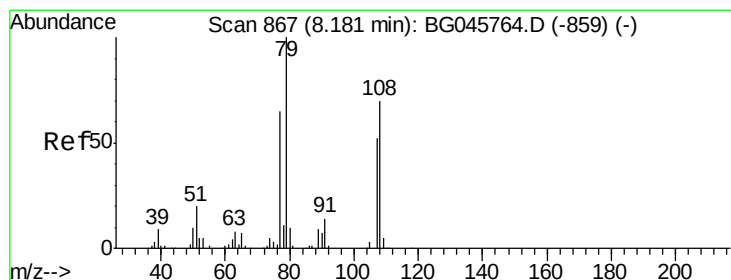
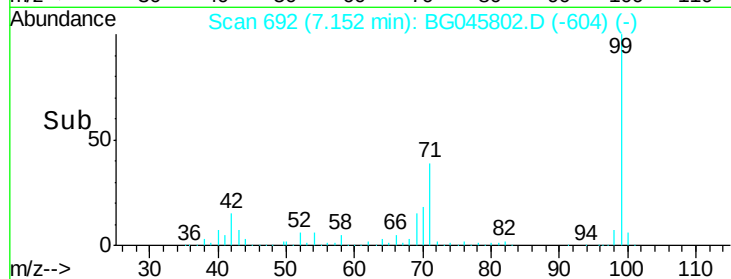
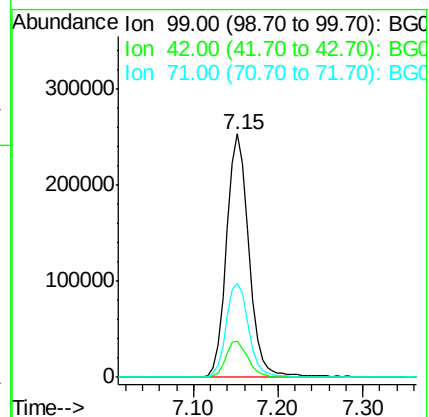
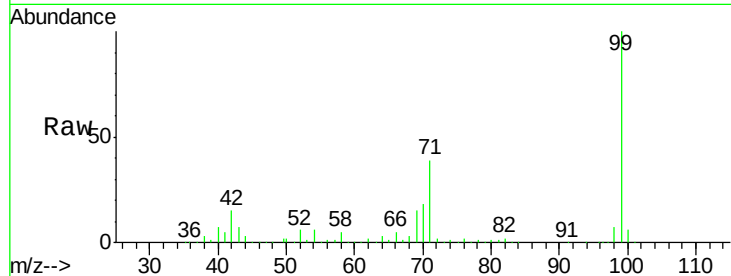
Tot Ion: 99 Resp: 463832

Ion Ratio Lower Upper

99 100

42 15.1 12.4 18.6

71 38.5 32.1 48.1



#15

Benzyl Alcohol

Concen: 2.053 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

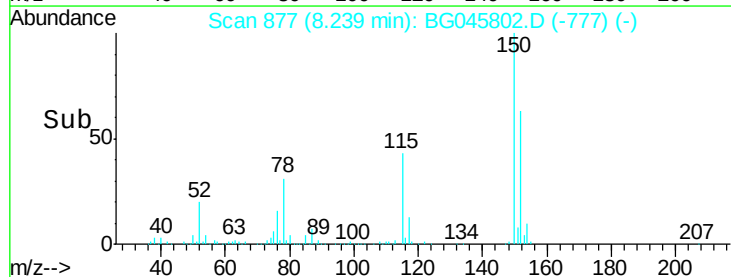
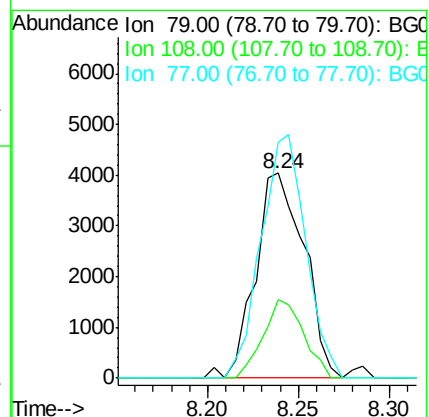
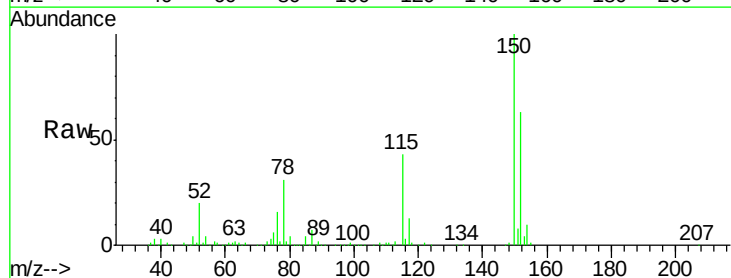
Tgt Ion: 79 Resp: 7546

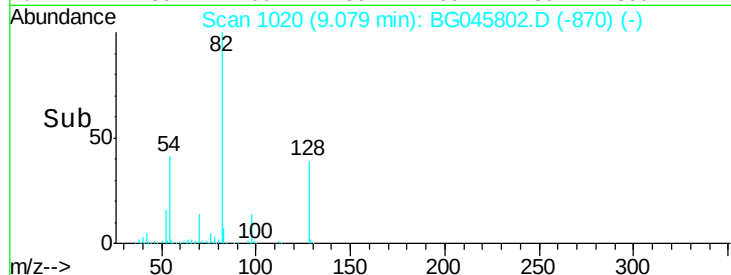
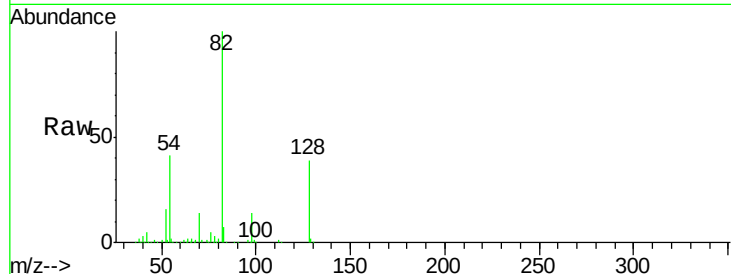
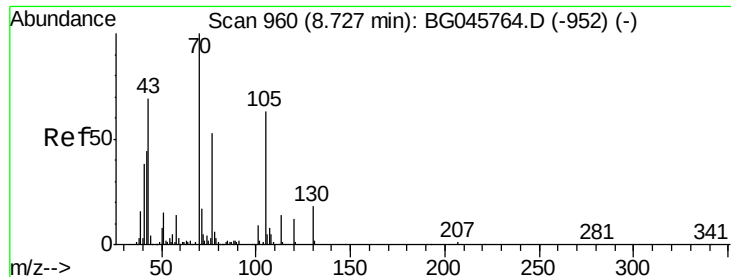
Ion Ratio Lower Upper

79 100

108 38.1 56.2 84.4#

77 115.2 52.2 78.2#

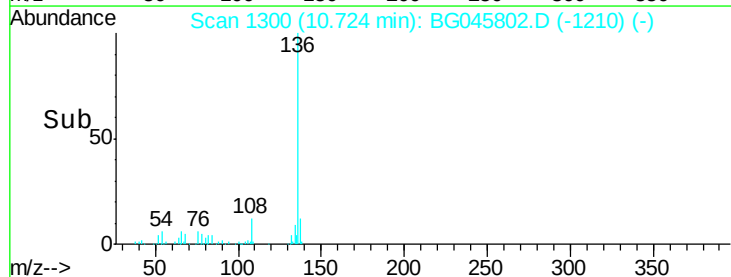
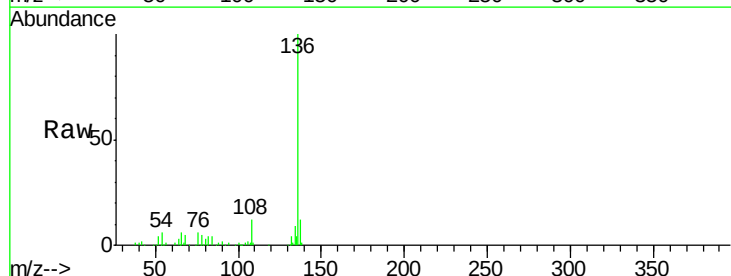
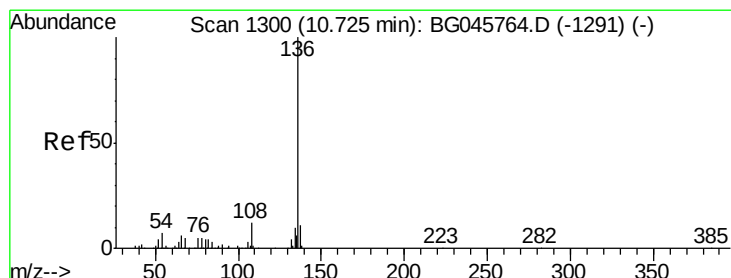
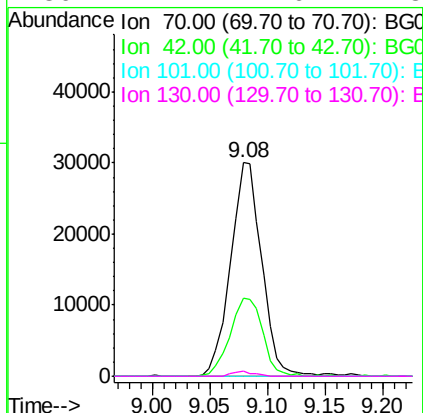




#19
n-Nitroso-di-n-propylamine
Concen: 18.007 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

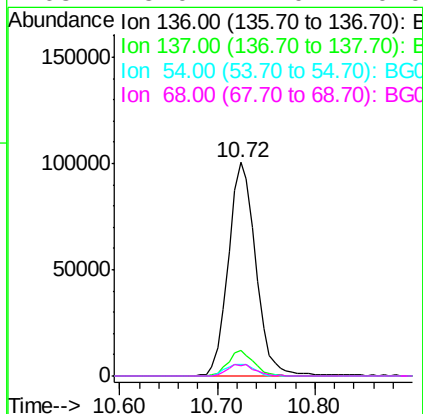
Instrument :
BNA_G
ClientSampleId :
RO-17

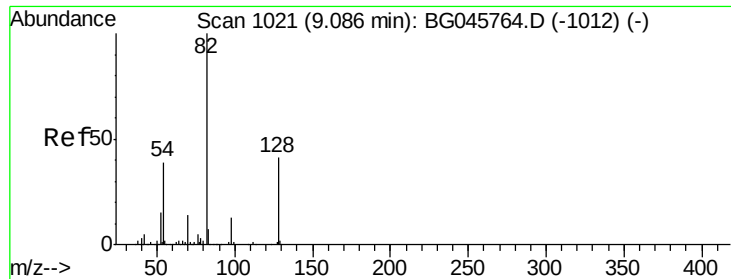
Tot Ion	Ratio	Lower	Upper
70	100		
42	36.6	35.1	52.7
101	0.0	7.4	11.0#
130	2.2	14.6	21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	5.6	5.8	8.6#
68	5.0	4.0	6.0

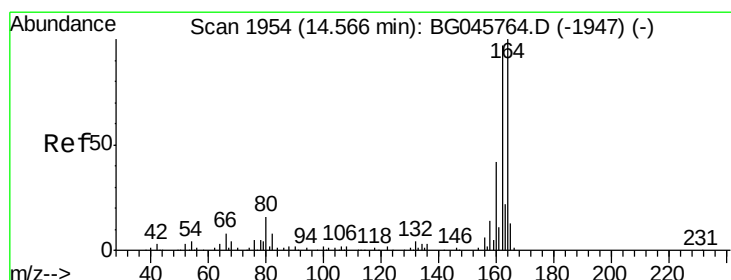
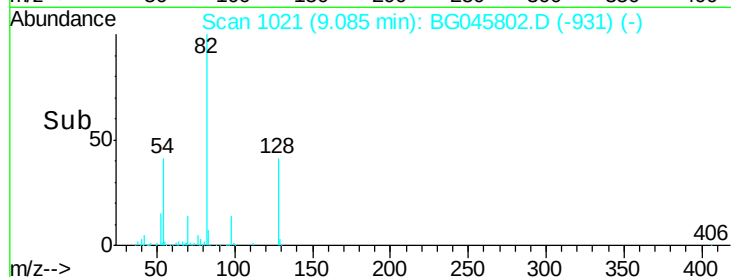
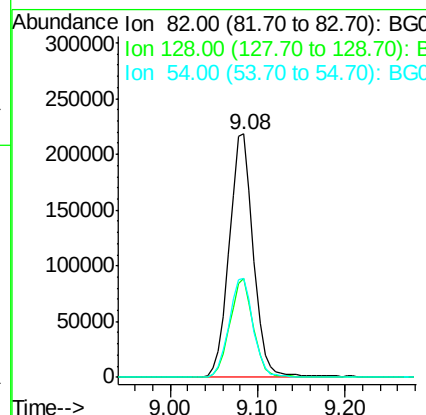
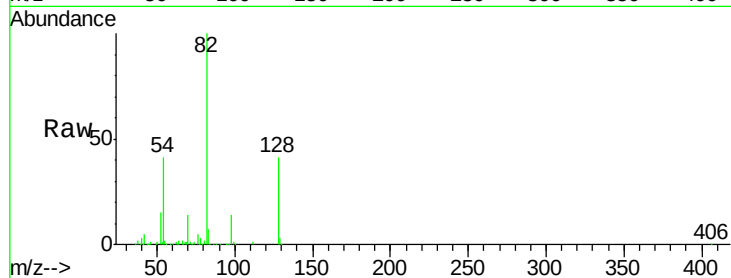




#23
 Nitrobenzene-d5
 Concen: 96.470 ng
 RT: 9.08 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG045802.D
 Acq: 18 Jun 2020 21:01

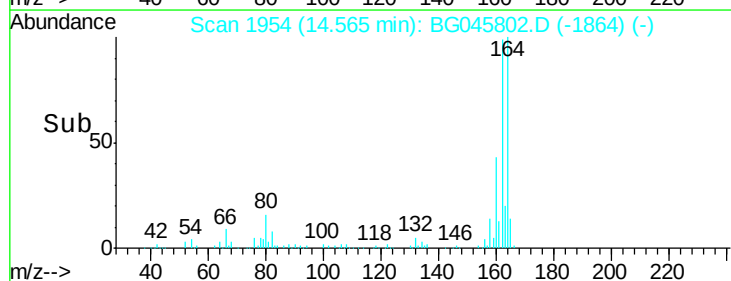
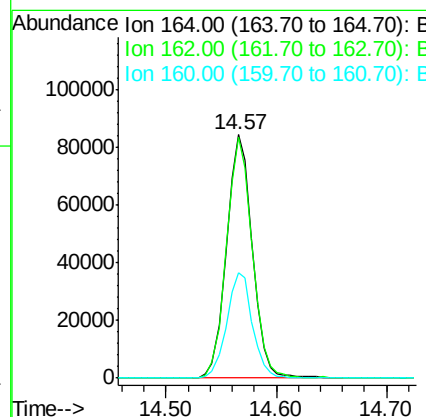
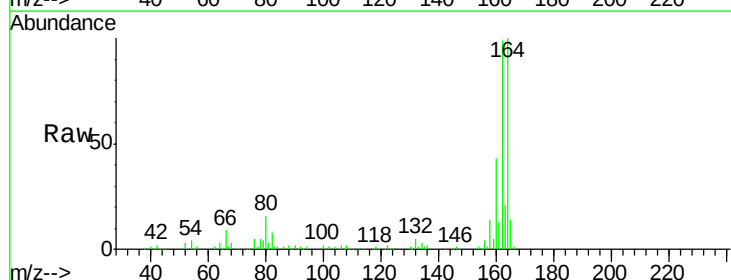
Instrument :
 BNA_G
 ClientSampleId :
 RO-17

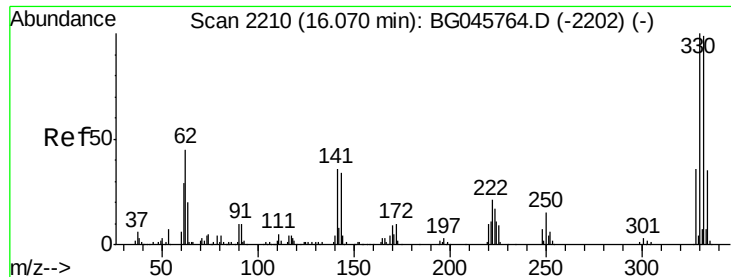
Tot Ion	82	Resp	413897
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.5	48.7
54	40.7	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG045802.D
 Acq: 18 Jun 2020 21:01

Tgt Ion	164	Resp	137370
Ion Ratio	Lower	Upper	
164	100		
162	99.1	77.4	116.0
160	43.0	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 146.591 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Instrument :

BNA_G

ClientSampled :

RO-17

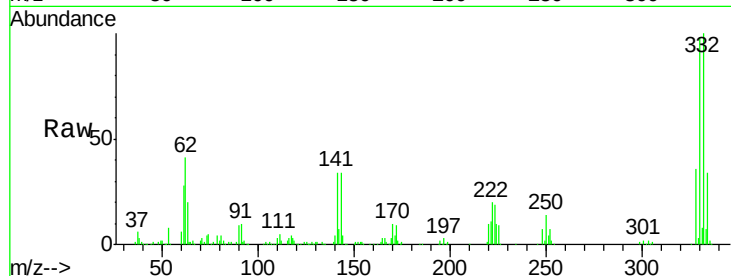
Tot Ion:330 Resp: 304019

Ion Ratio Lower Upper

330 100

332 98.1 78.6 117.8

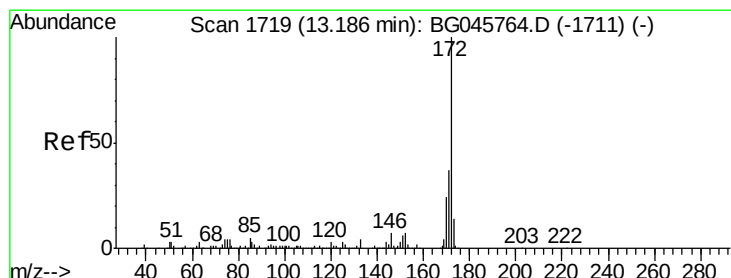
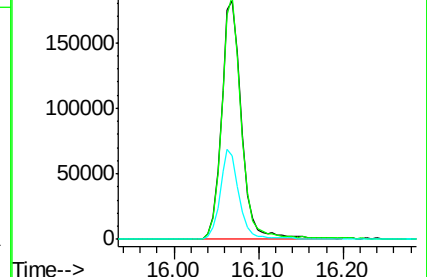
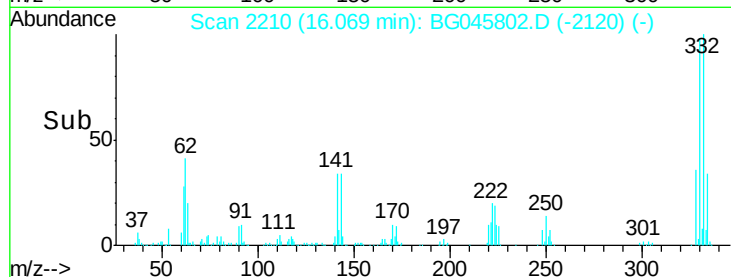
141 35.6 28.2 42.4



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: 100.713 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

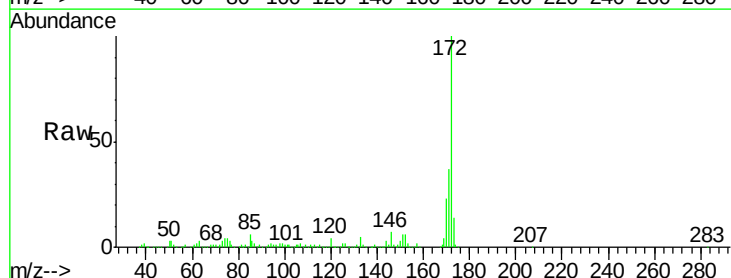
Tgt Ion:172 Resp: 941433

Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

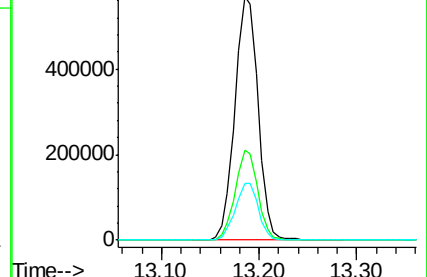
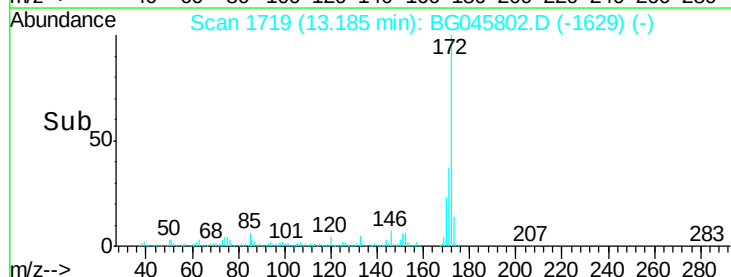
170 23.3 19.3 28.9

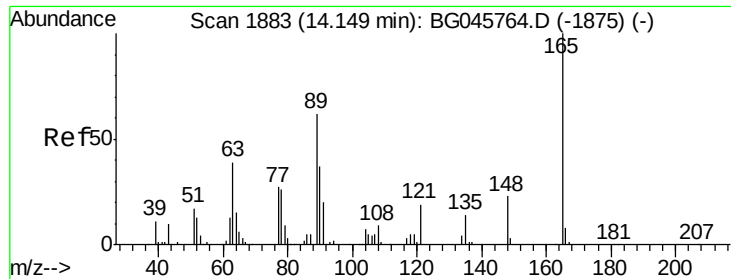


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

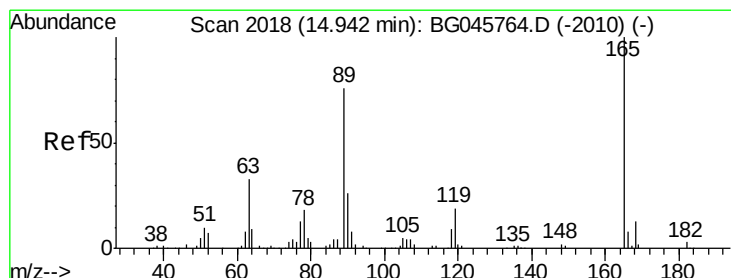
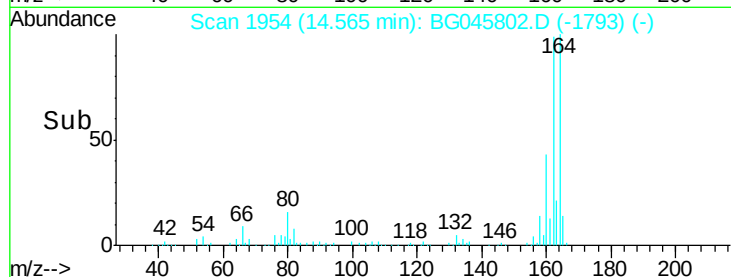
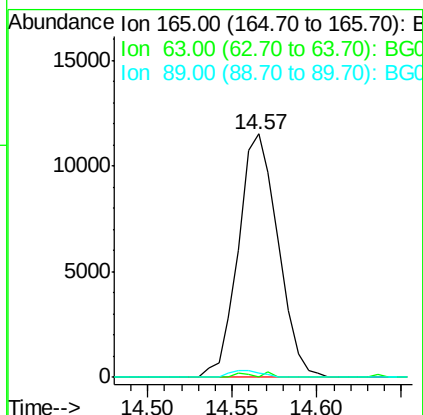
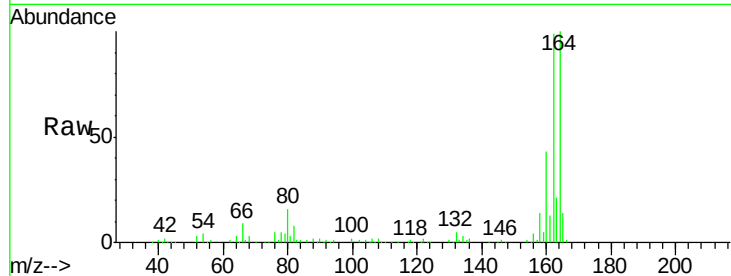




#51
 2,6-Dinitrotoluene
 Concen: 7.773 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.42 min
 Lab File: BG045802.D
 Acq: 18 Jun 2020 21:01

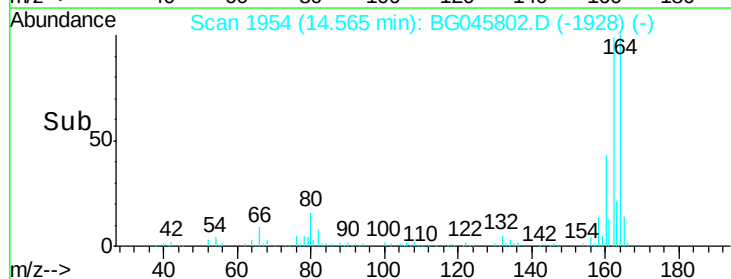
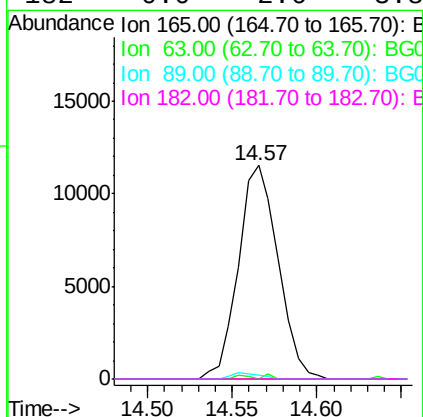
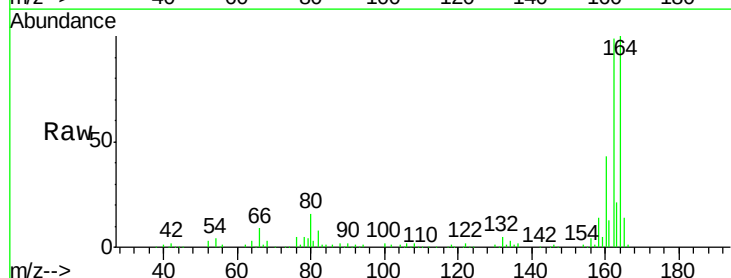
Instrument :
 BNA_G
 ClientSampleId :
 RO-17

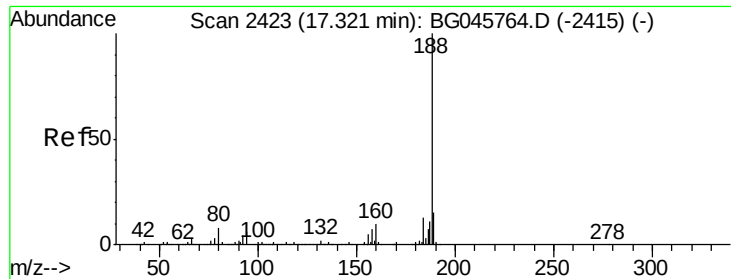
Tot Ion:165 Resp: 18788
 Ion Ratio Lower Upper
 165 100
 63 0.0 41.2 61.8#
 89 1.6 49.7 74.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.425 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BG045802.D
 Acq: 18 Jun 2020 21:01

Tgt Ion:165 Resp: 18788
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.8#
 89 1.6 60.4 90.6#
 182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Instrument :

BNA_G

ClientSampleId :

RO-17

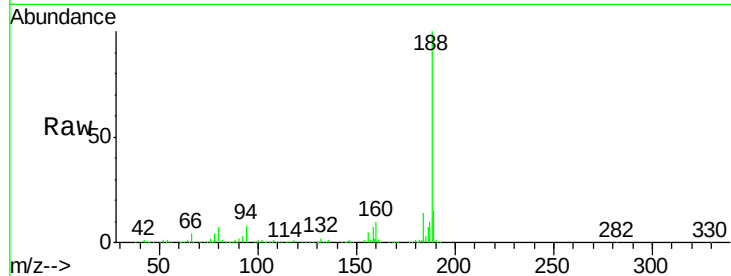
Tot Ion:188 Resp: 328958

Ion Ratio Lower Upper

188 100

94 7.6 5.1 7.7

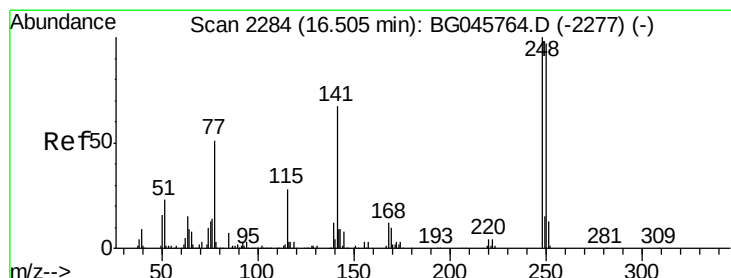
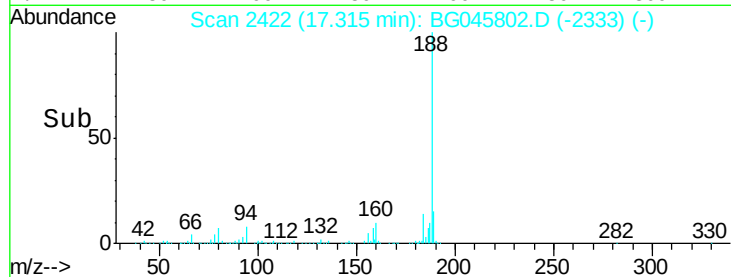
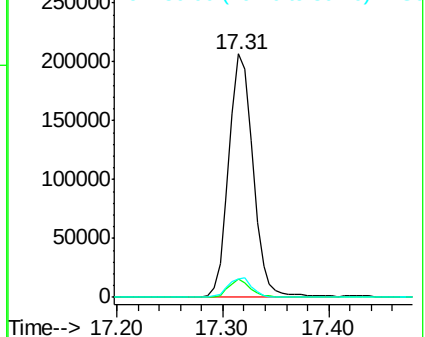
80 7.5 6.2 9.4



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: 4.656 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.44 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

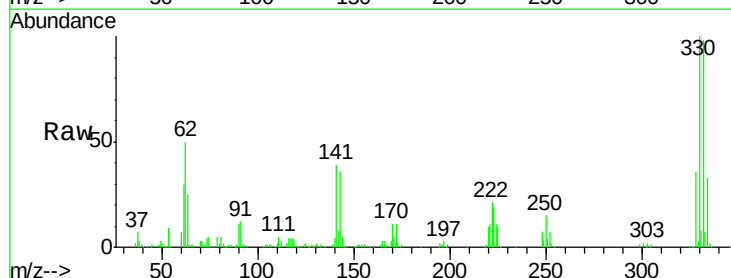
Tgt Ion:248 Resp: 19903

Ion Ratio Lower Upper

248 100

250 209.1 78.0 117.0#

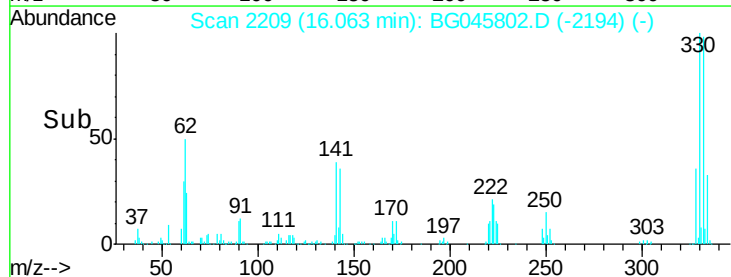
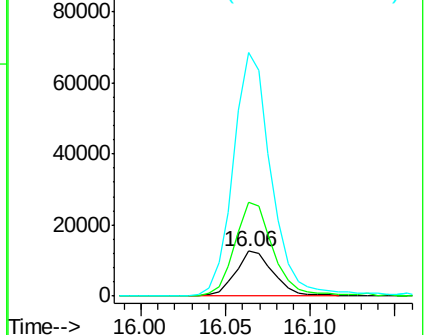
141 545.4 53.9 80.9#

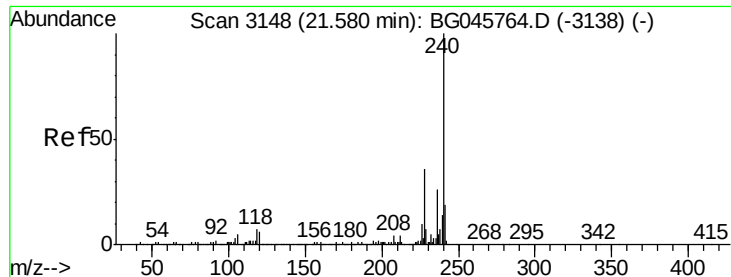


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

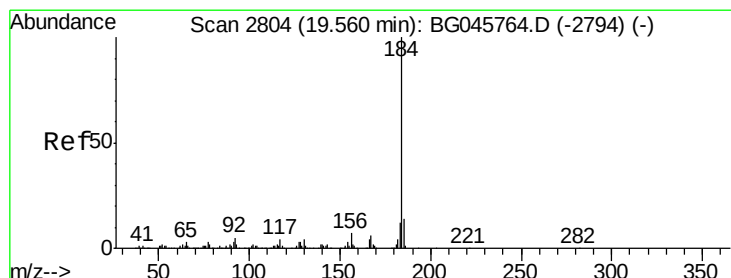
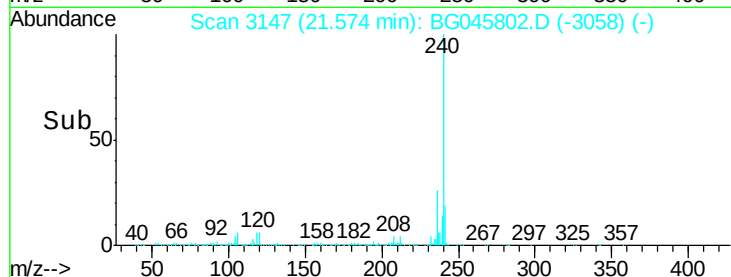
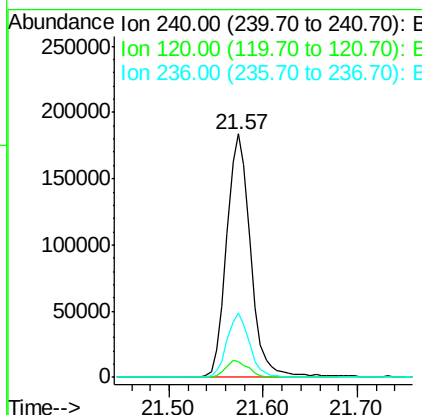
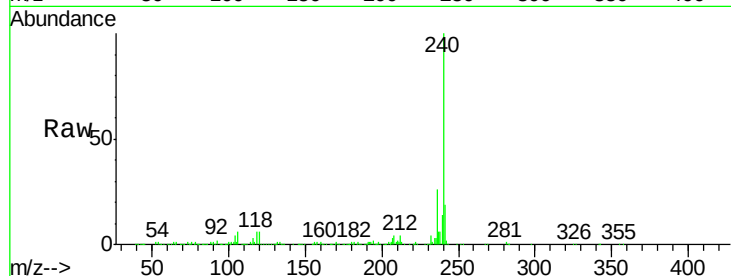




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

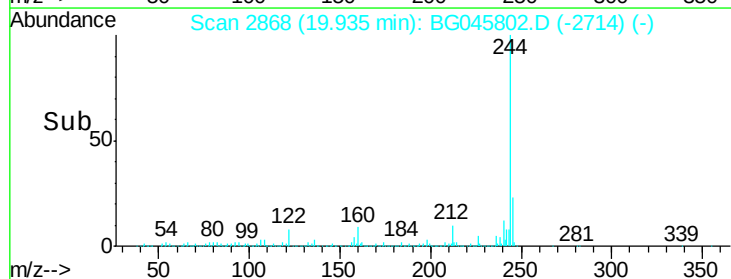
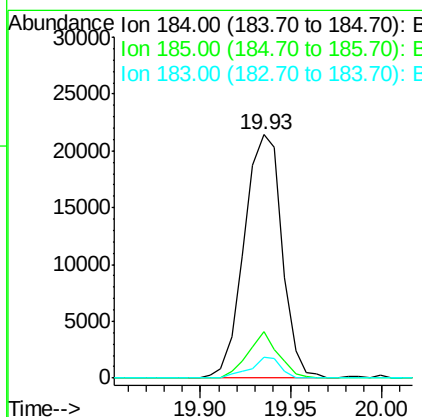
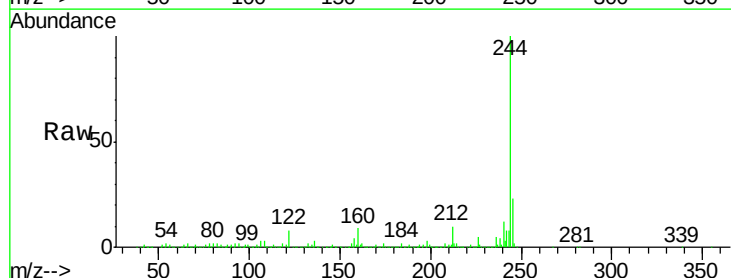
Instrument :
BNA_G
ClientSampleId :
RO-17

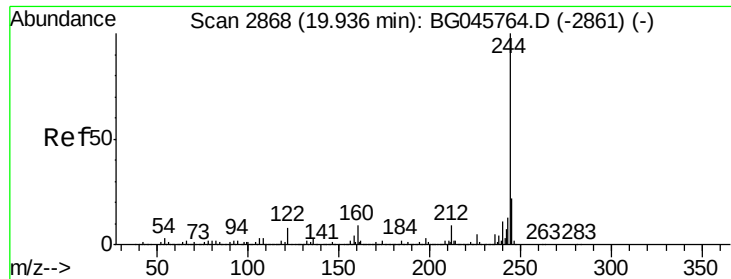
Tot Ion:240 Resp: 325722
Ion Ratio Lower Upper
240 100
120 6.3 5.0 7.4
236 26.3 20.6 30.8



#77
Benzidine
Concen: 3.659 ng
RT: 19.93 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Tgt Ion:184 Resp: 30986
Ion Ratio Lower Upper
184 100
185 19.0 11.1 16.7#
183 8.6 9.7 14.5#





#79

Terphenyl-d14

Concen: 104.281 ng

RT: 19.93 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Instrument :

BNA_G

ClientSampleId :

RO-17

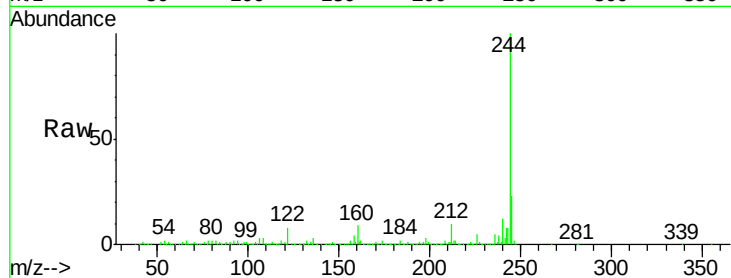
Tot Ion:244 Resp: 1676038

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

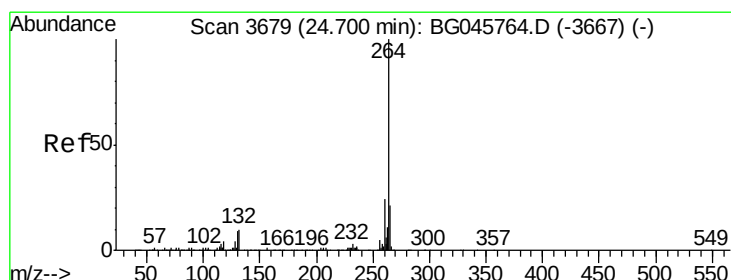
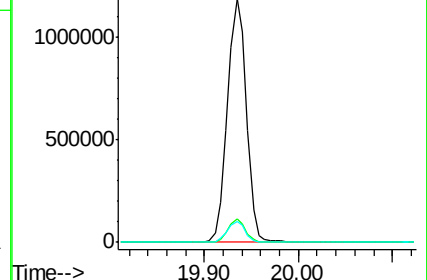
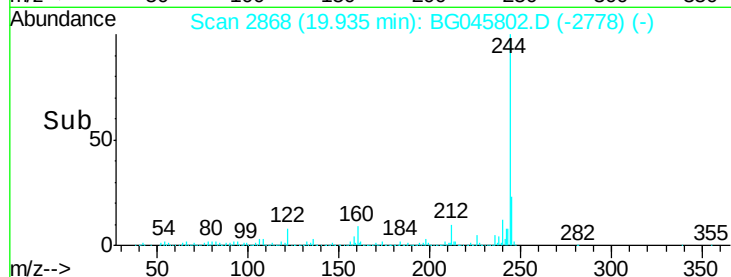
122 8.4 6.4 9.6



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: BG045802.D

Acq: 18 Jun 2020 21:01

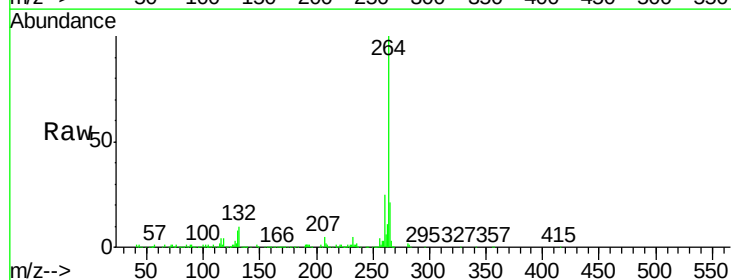
Tgt Ion:264 Resp: 332721

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 21.2 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

