

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045779.D
 Acq On : 16 Jun 2020 19:21
 Operator : CG/JU
 Sample : L2815-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061520

Quant Time: Jun 17 02:25:55 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	53697	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	212575	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	154154	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	374792	20.00	ng	0.00
76) Chrysene-d12	21.57	240	354260	20.00	ng	0.00
86) Perylene-d12	24.70	264	374520	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	325724	102.47	ng	0.00
7) Phenol-d6	7.16	99	383636	79.34	ng	0.00
23) Nitrobenzene-d5	9.08	82	391568	84.15	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	308792	132.68	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	921969	87.89	ng	0.00
79) Terphenyl-d14	19.94	244	1604842	91.81	ng	0.00

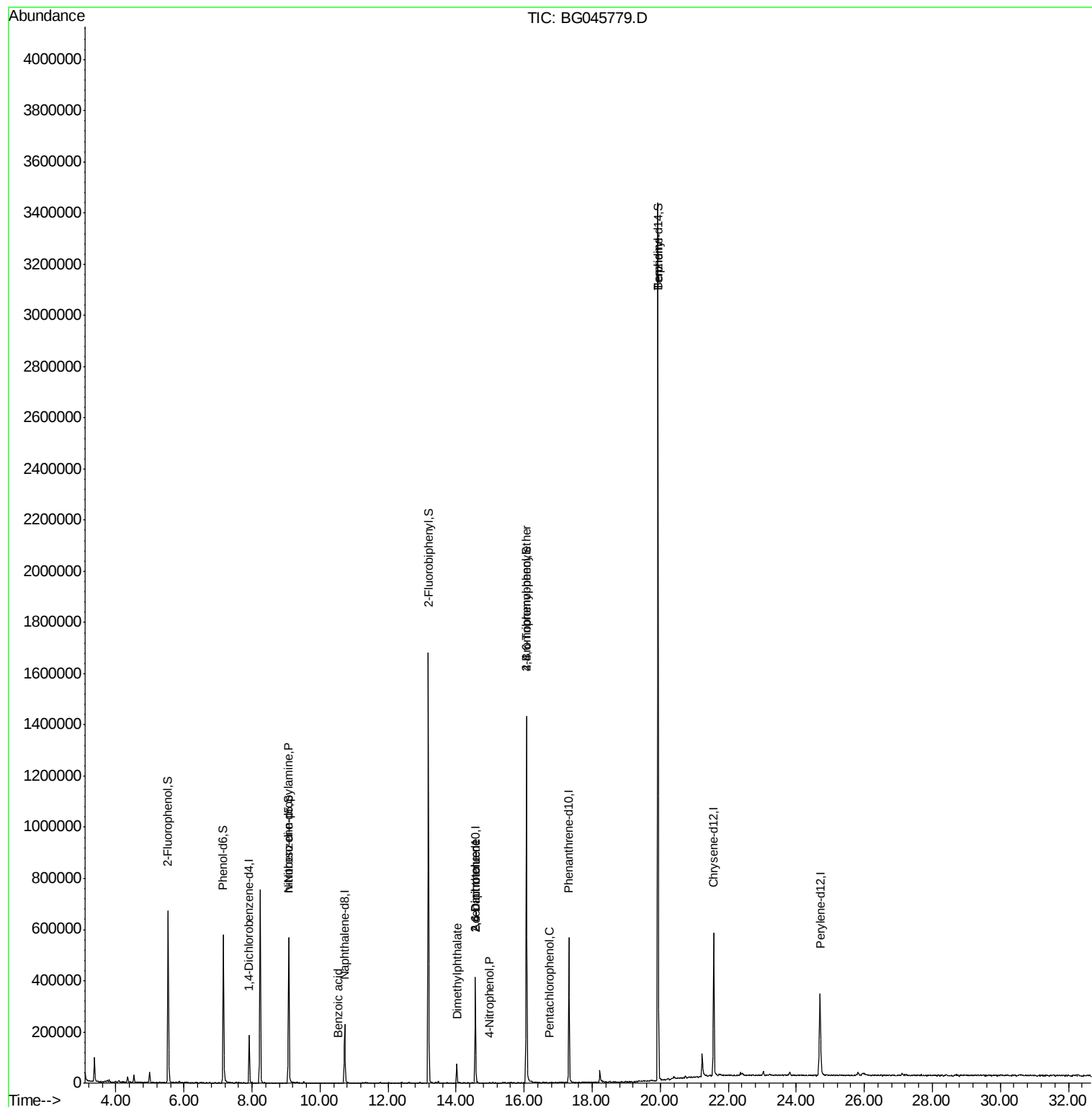
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.08	70	55059	17.320	ng	# 81
32) Benzoic acid	10.54	122	58	9.001	ng	# 1
50) Dimethylphthalate	14.02	163	55285	4.578	ng	97
51) 2,6-Dinitrotoluene	14.57	165	20027	7.384	ng	# 25
56) 4-Nitrophenol	14.98	139	69	4.007	ng	# 1
57) 2,4-Dinitrotoluene	14.57	165	20027	5.153	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	20623	4.235	ng	# 1
70) Pentachlorophenol	16.76	266	54	7.652	ng	# 17
77) Benzidine	19.94	184	29958	3.253	ng	# 92

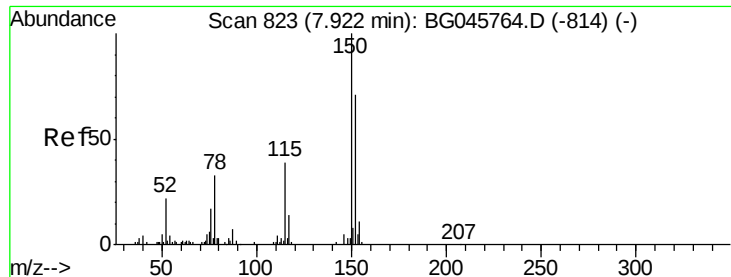
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045779.D
Acq On : 16 Jun 2020 19:21
Operator : CG/JU
Sample : L2815-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Quant Time: Jun 17 02:25:55 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



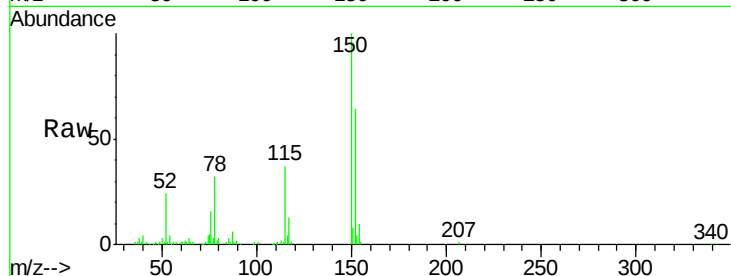


#1

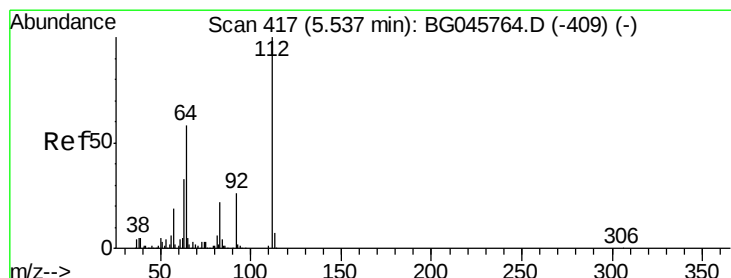
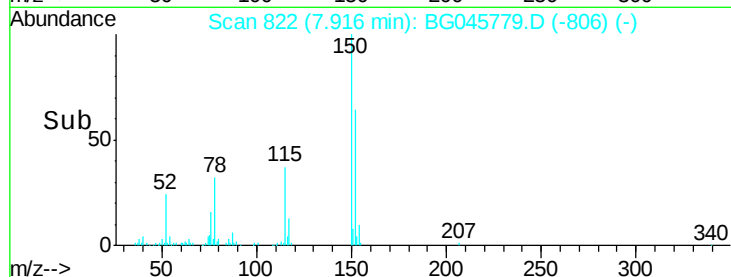
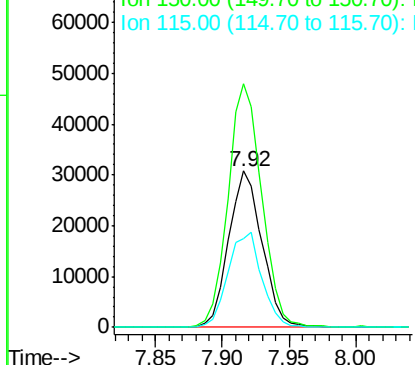
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	113.1	169.7
115	56.9	43.8	65.6



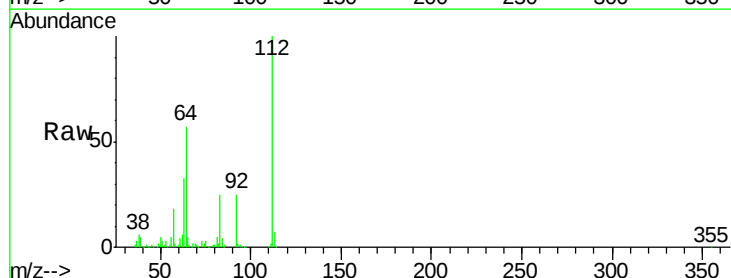
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



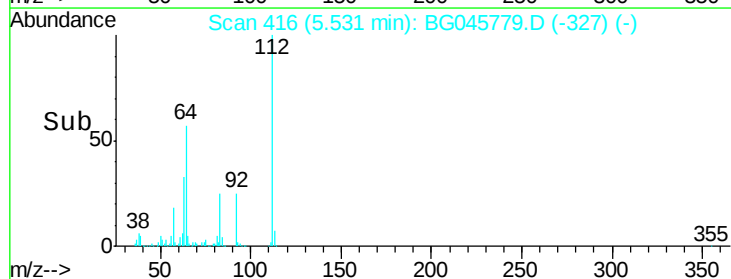
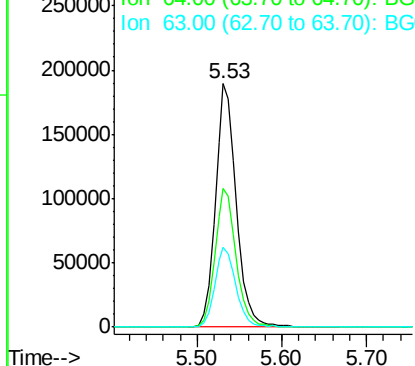
#5

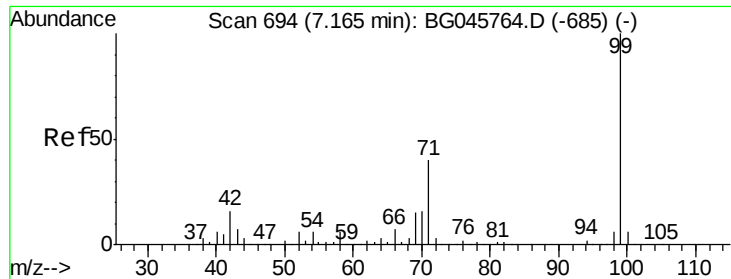
2-Fluorophenol
Concen: 102.468 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.6	69.8
63	32.7	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: 79.342 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045779.D

Acq: 16 Jun 2020 19:21

Instrument :

BNA_G

ClientSampleId :

OR-03-061520

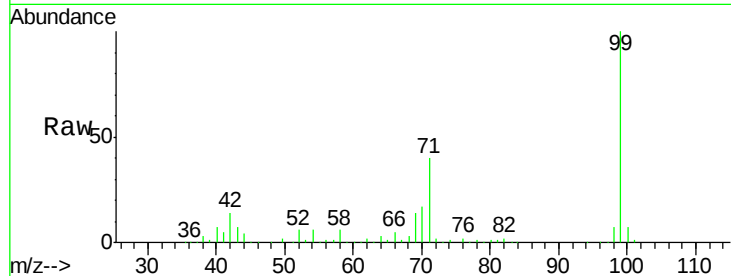
Tot Ion: 99 Resp: 383636

Ion Ratio Lower Upper

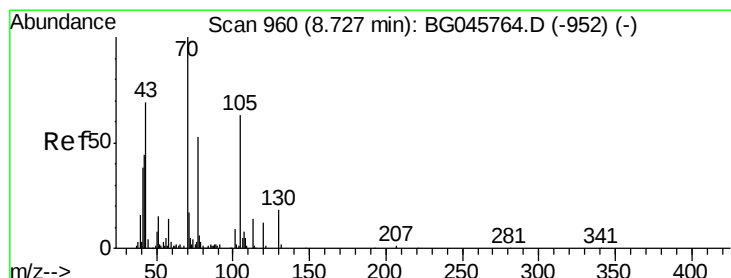
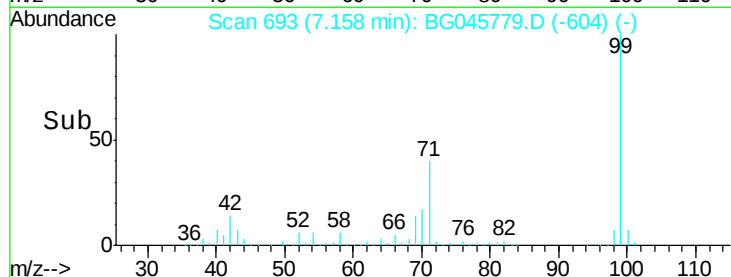
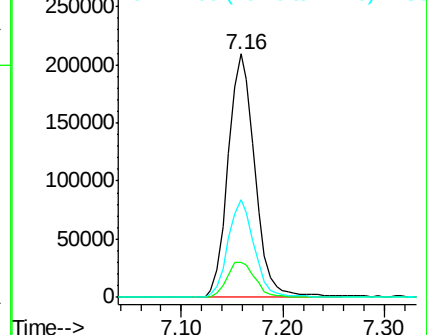
99 100

42 14.1 12.4 18.6

71 40.0 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: 17.320 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045779.D

Acq: 16 Jun 2020 19:21

Tgt Ion: 70 Resp: 55059

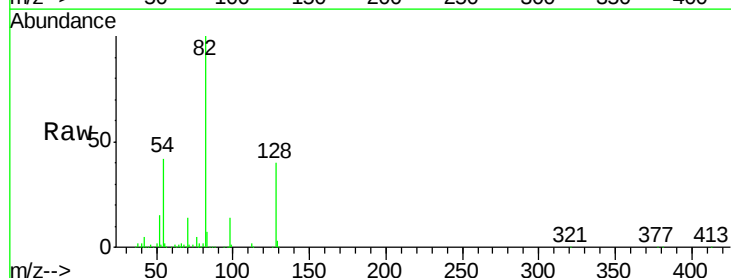
Ion Ratio Lower Upper

70 100

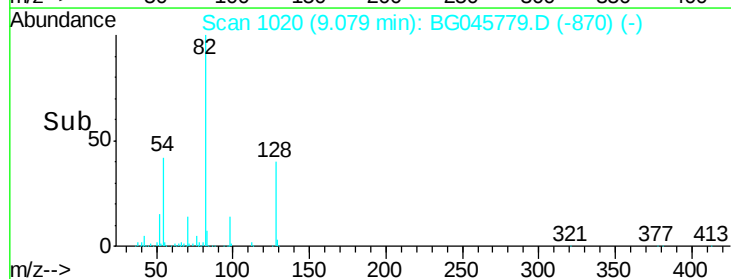
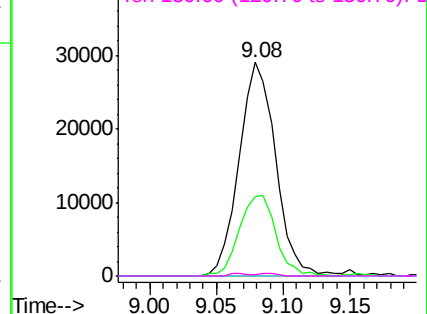
42 37.4 35.1 52.7

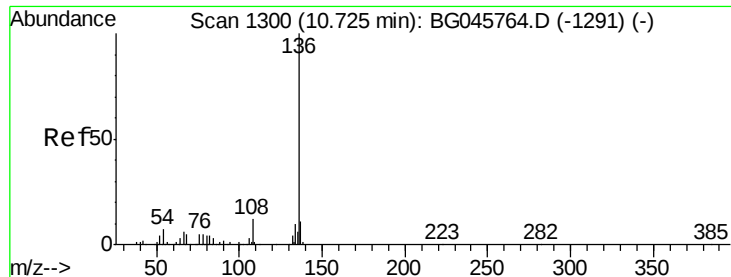
101 0.0 7.4 11.0#

130 0.8 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: BG045779.D

Acq: 16 Jun 2020 19:21

Instrument :

BNA_G

ClientSampleId :

OR-03-061520

Tot Ion:136 Resp: 212575

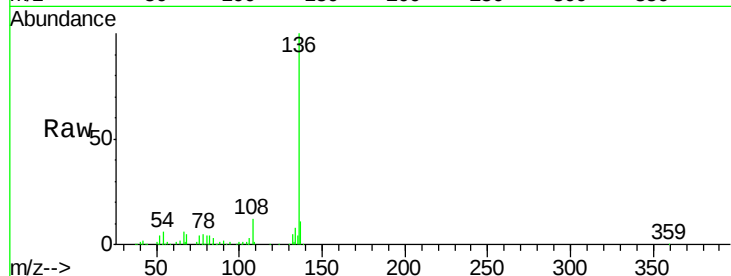
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.7 5.8 8.6#

68 4.6 4.0 6.0

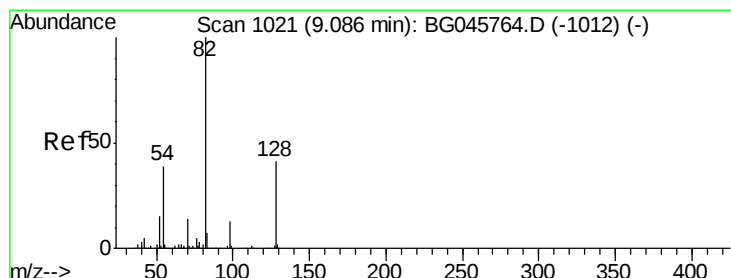
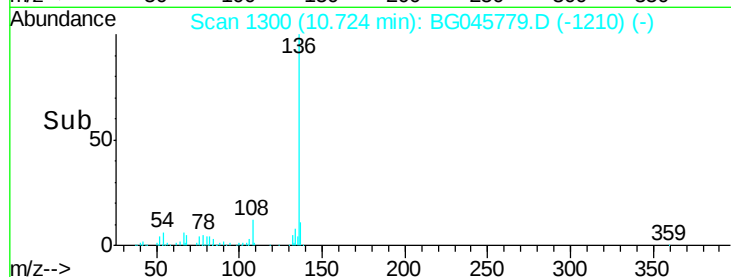
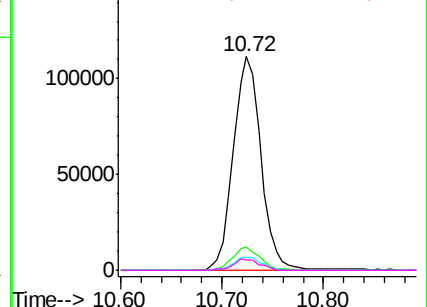


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.150 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG045779.D

Acq: 16 Jun 2020 19:21

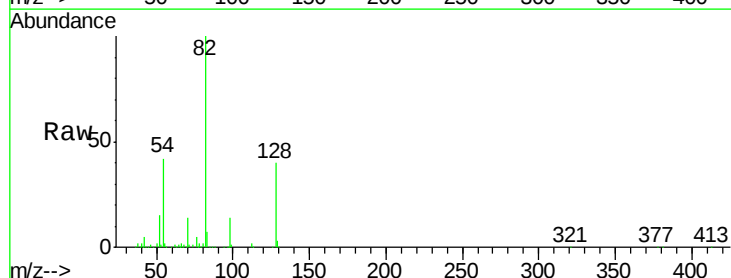
Tgt Ion: 82 Resp: 391568

Ion Ratio Lower Upper

82 100

128 39.8 32.5 48.7

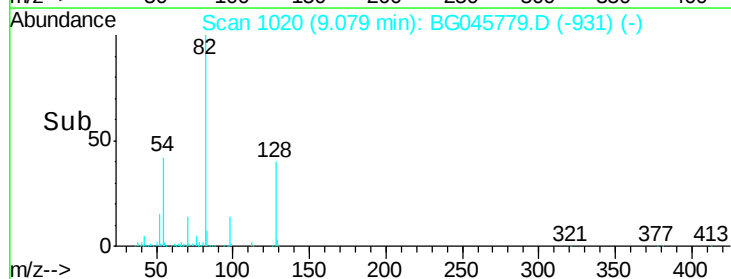
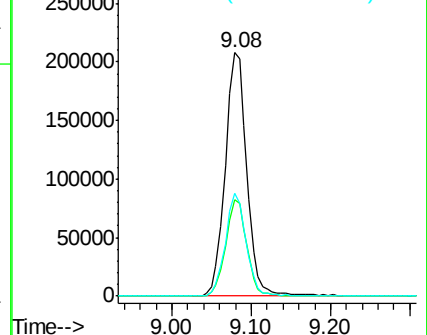
54 42.0 31.2 46.8

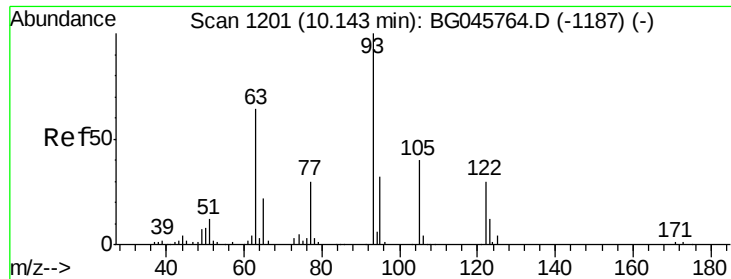


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

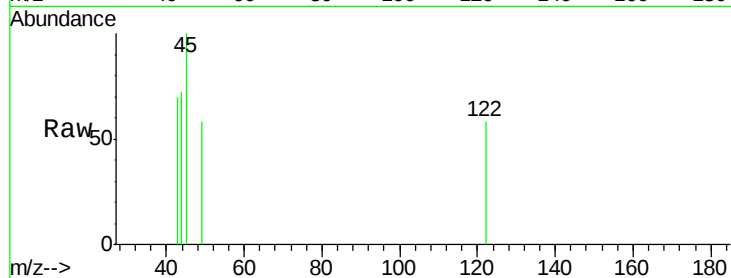




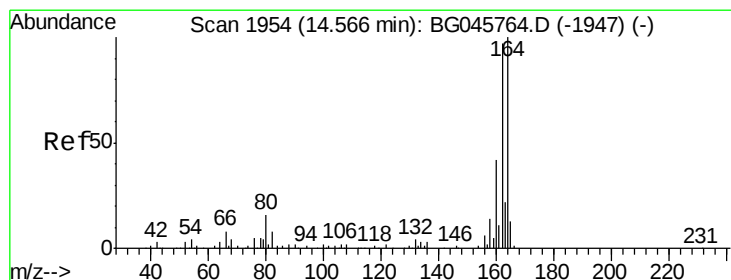
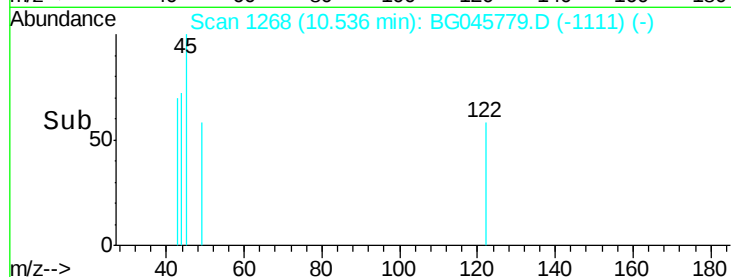
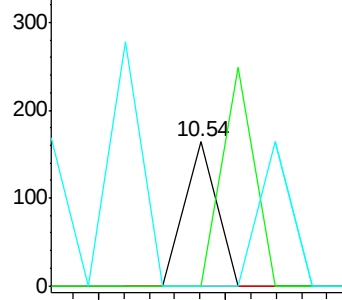
#32
Benzoic acid
Concen: 9.001 ng
RT: 10.54 min Scan# 1268
Delta R.T. 0.39 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.9	152.9#
77	0.0	79.2	119.2#

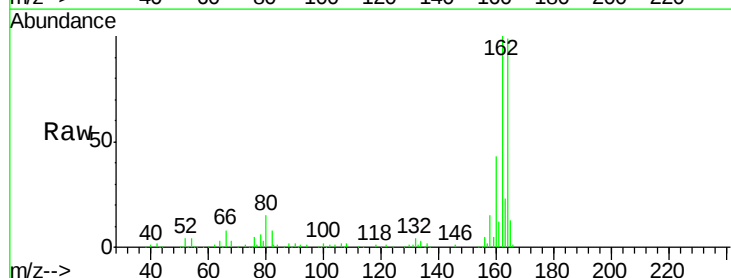


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

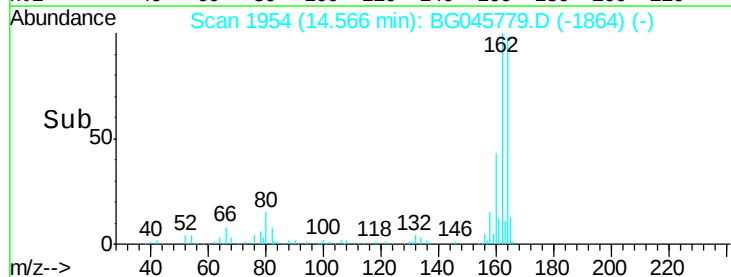
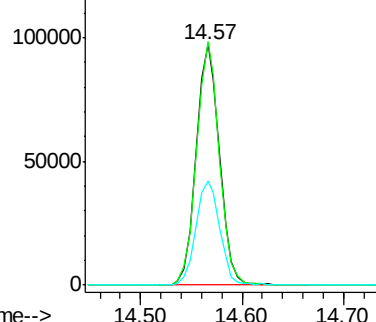


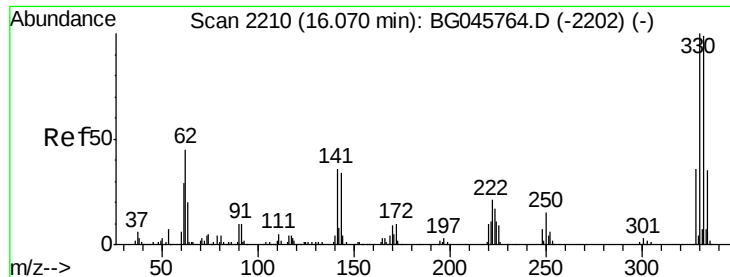
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.4	116.0
160	43.2	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

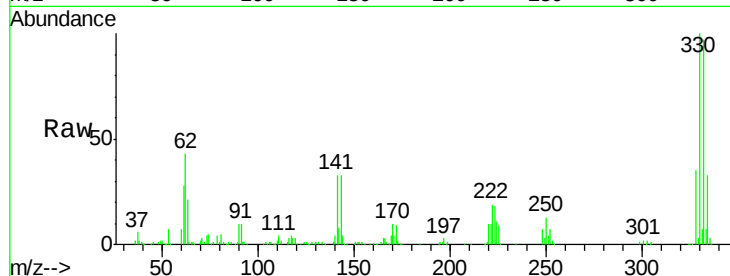




#42
 2,4,6-Tribromophenol
 Concen: 132.681 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG045779.D
 Acq: 16 Jun 2020 19:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061520

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	33.9	28.2	42.4

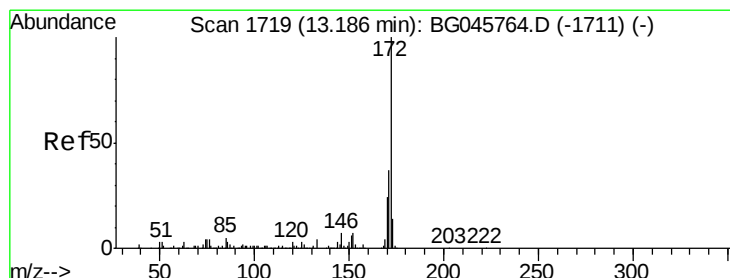
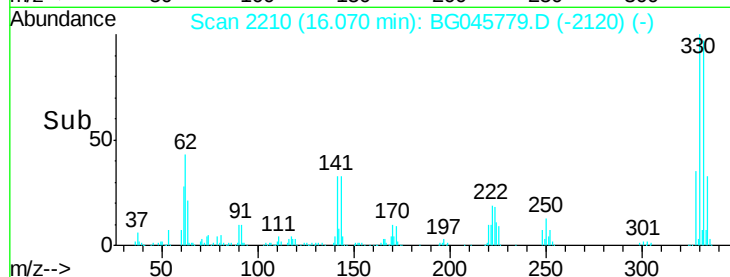
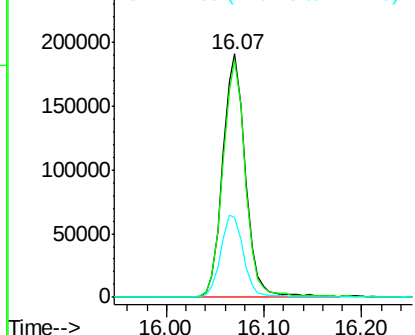


Abundance

Ion 329.80 (329.50 to 330.50): E

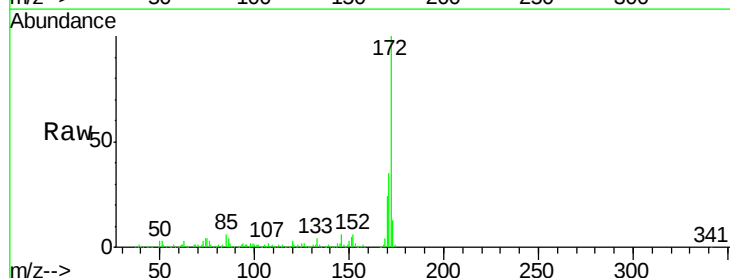
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.892 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG045779.D
 Acq: 16 Jun 2020 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	23.6	19.3	28.9

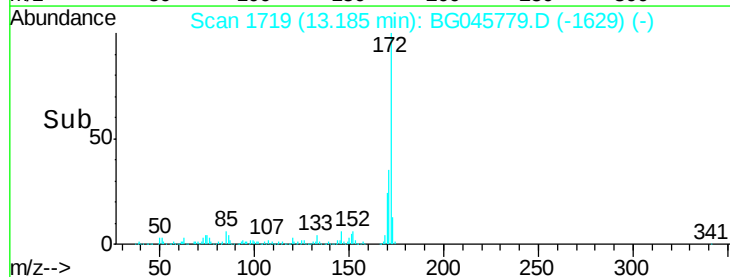
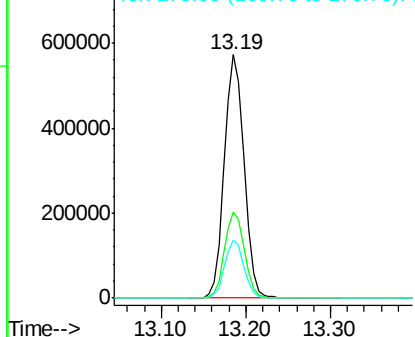


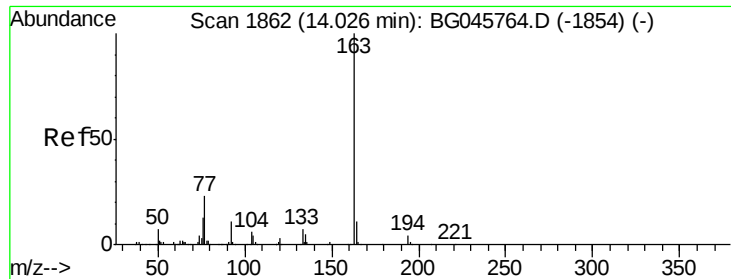
Abundance

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

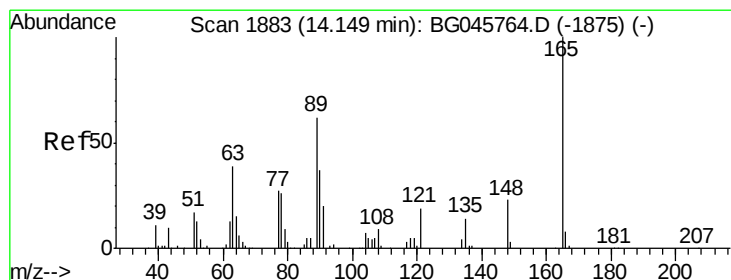
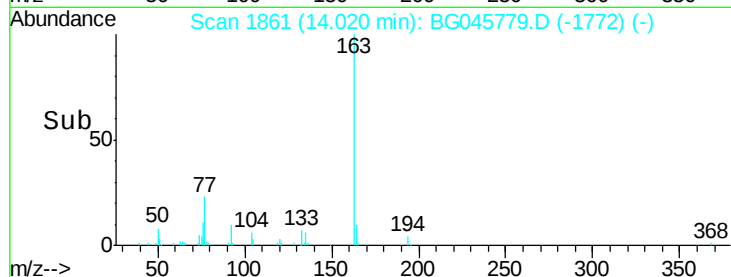
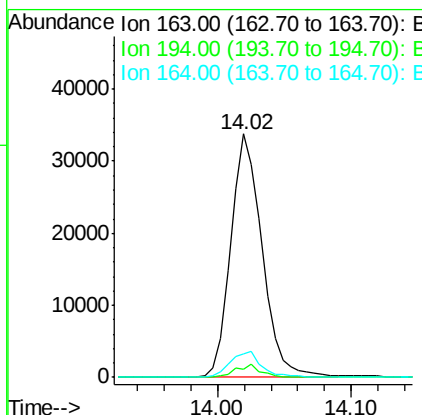
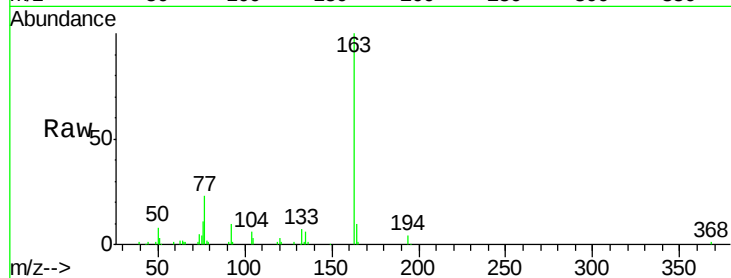




#50
Dimethylphthalate
Concen: 4.578 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

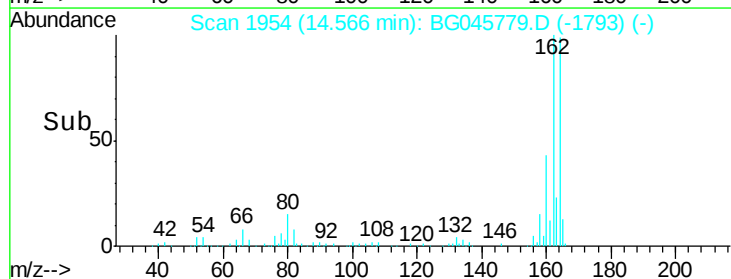
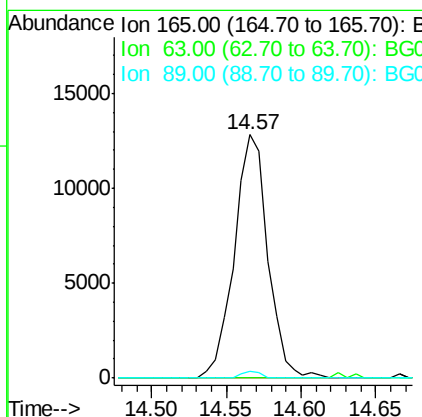
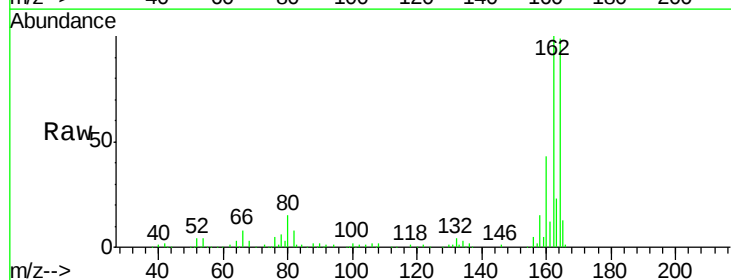
Instrument :
BNA_G
ClientSampleId :
OR-03-061520

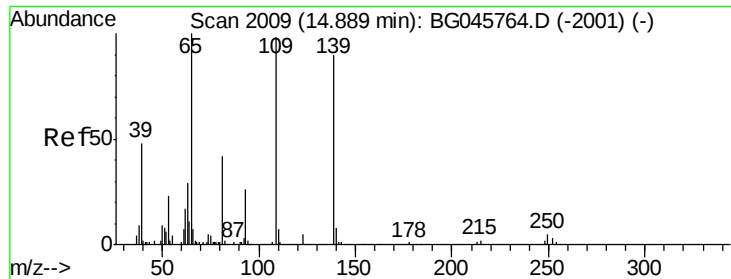
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.5	3.4	5.0	
164	9.7	8.9	13.3	



#51
2,6-Dinitrotoluene
Concen: 7.384 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.42 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	0.0	41.2	61.8#	
89	2.9	49.7	74.5#	

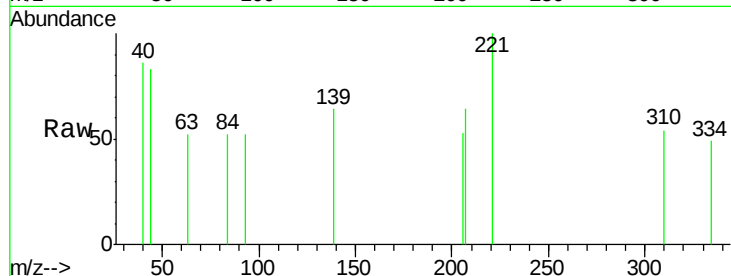




#56
4-Nitrophenol
Concen: 4.007 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.09 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

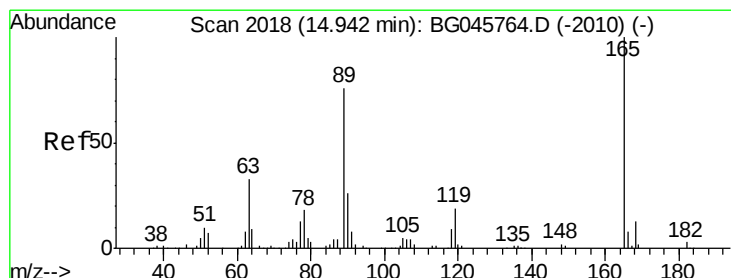
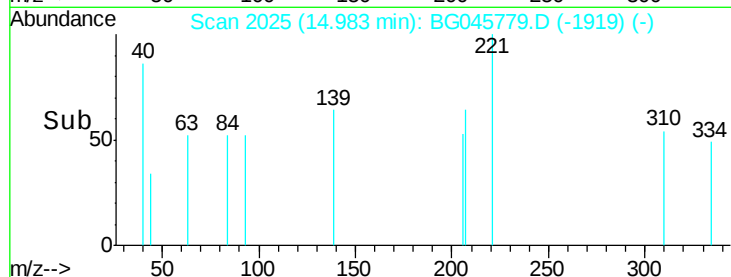
Tot Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 0.0 88.9 128.9#
65 0.0 92.3 132.3#



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

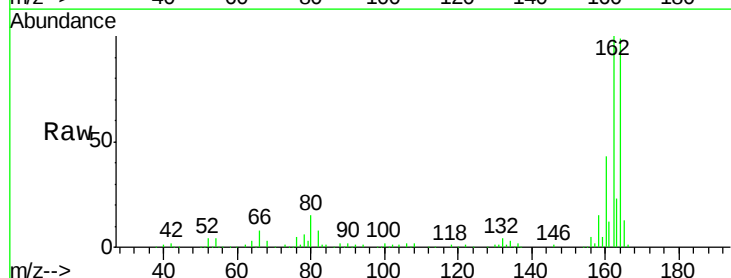
14.98

Time--> 14.96 14.98 15.00



#57
2,4-Dinitrotoluene
Concen: 5.153 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG045779.D
Acq: 16 Jun 2020 19:21

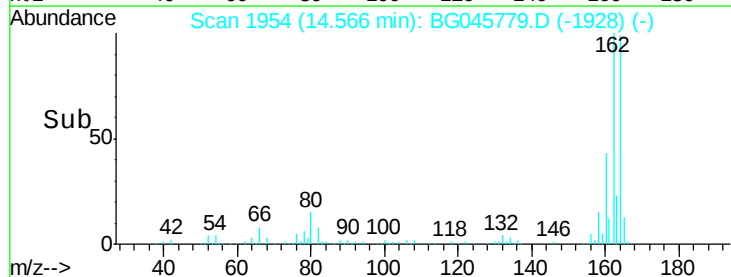
Tgt Ion:165 Resp: 20027
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.8#
89 2.9 60.4 90.6#
182 0.0 2.6 3.8#

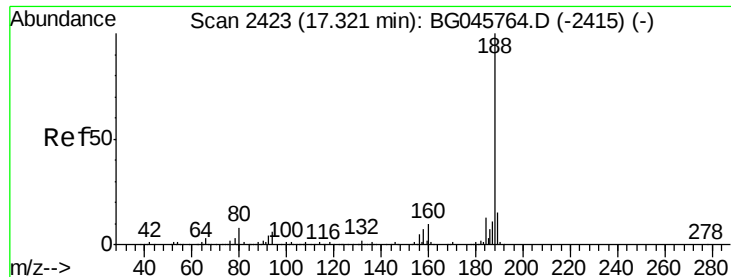


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

14.57

Time--> 14.50 14.55 14.60 14.65





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045779.D

Acq: 16 Jun 2020 19:21

Instrument :

BNA_G

ClientSampleId :

OR-03-061520

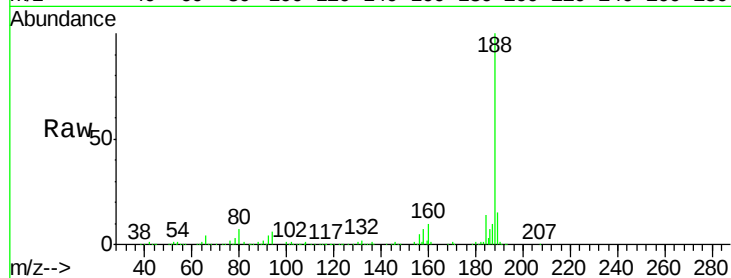
Tot Ion:188 Resp: 374792

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

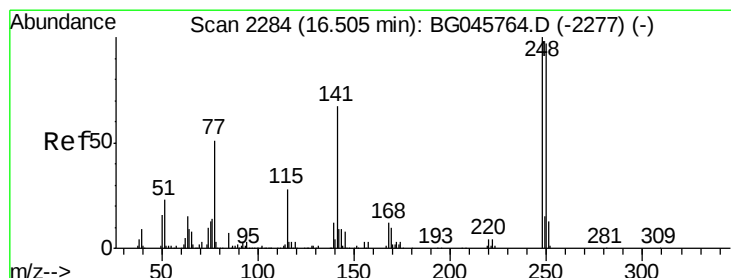
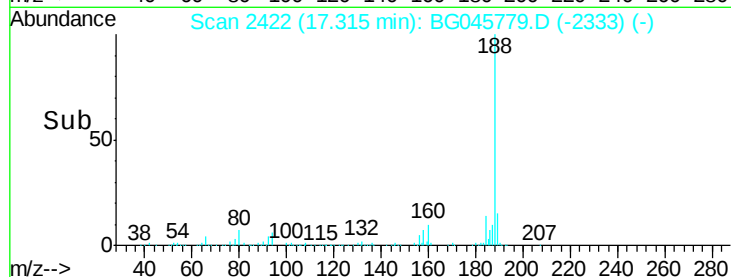
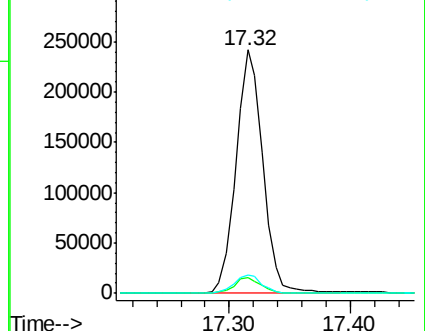
80 7.3 6.2 9.4



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: 4.235 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.44 min

Lab File: BG045779.D

Acq: 16 Jun 2020 19:21

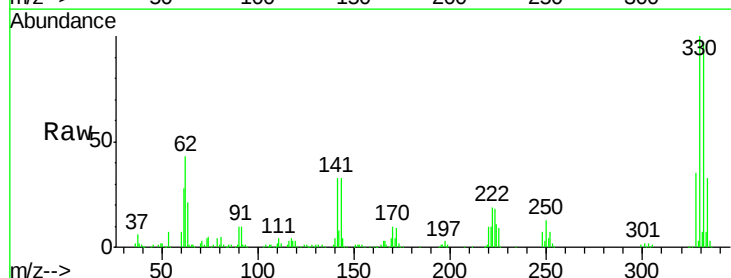
Tgt Ion:248 Resp: 20623

Ion Ratio Lower Upper

248 100

250 193.3 78.0 117.0#

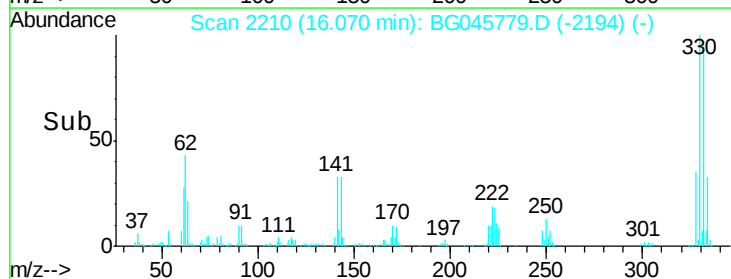
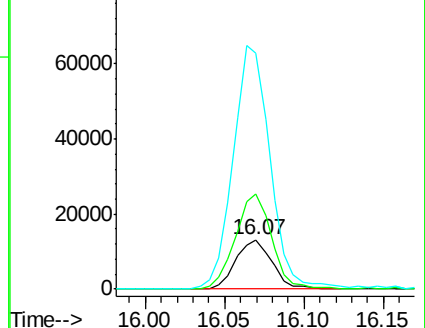
141 476.5 53.9 80.9#

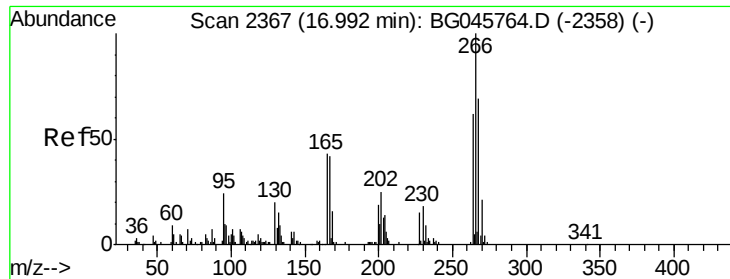


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

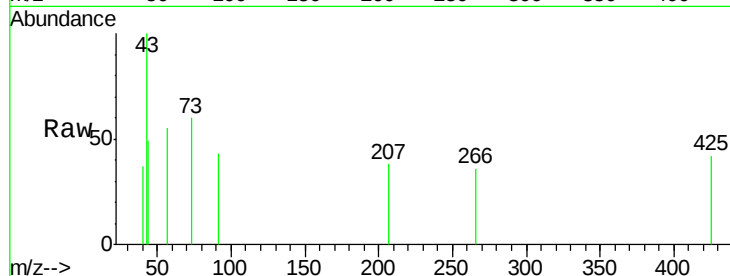




#70
 Pentachlorophenol
 Concen: 7.652 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.23 min
 Lab File: BG045779.D
 Acq: 16 Jun 2020 19:21

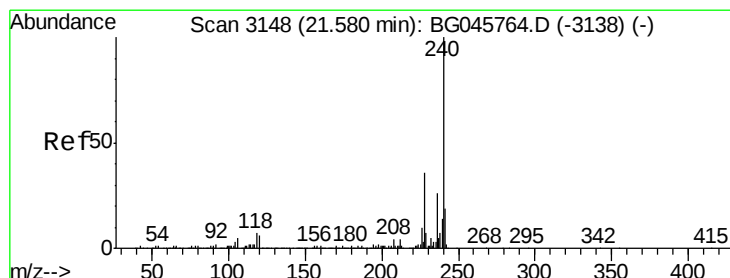
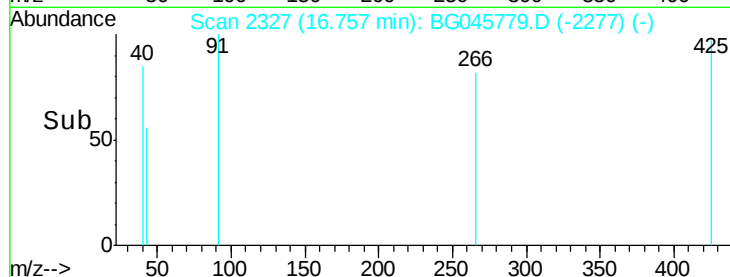
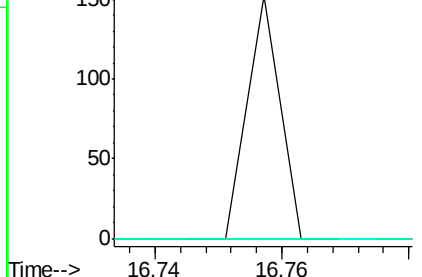
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061520

Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.4	83.0#
264	0.0	49.8	74.6#



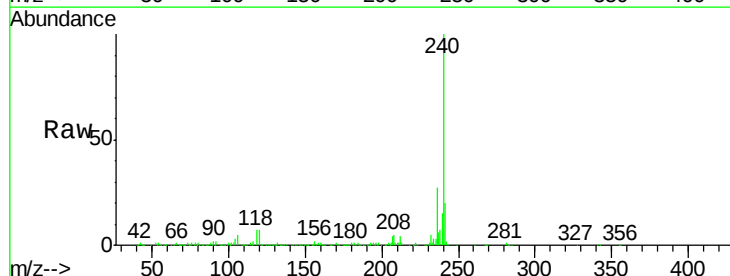
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

16.76



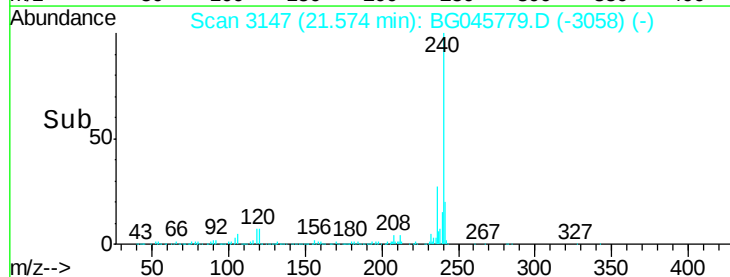
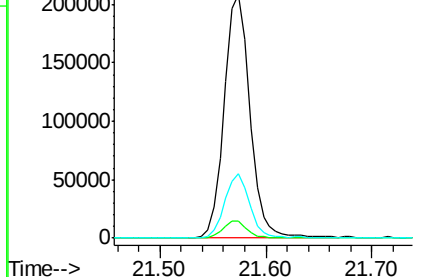
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG045779.D
 Acq: 16 Jun 2020 19:21

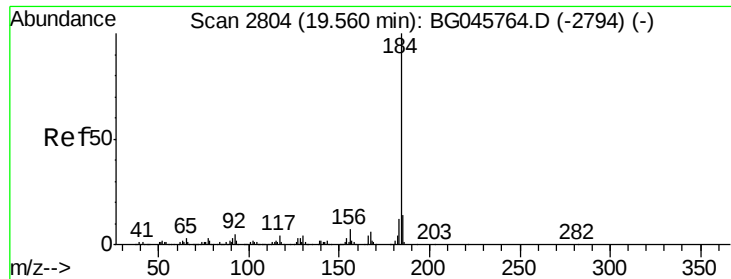
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.0	7.4
236	26.7	20.6	30.8



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

21.57





#77

Benzidine

Concen: 3.253 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045779.D

Acq: 16 Jun 2020 19:21

Instrument :

BNA_G

ClientSampleId :

OR-03-061520

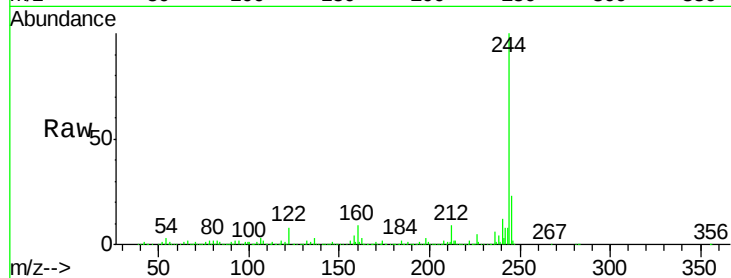
Tot Ion:184 Resp: 29958

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

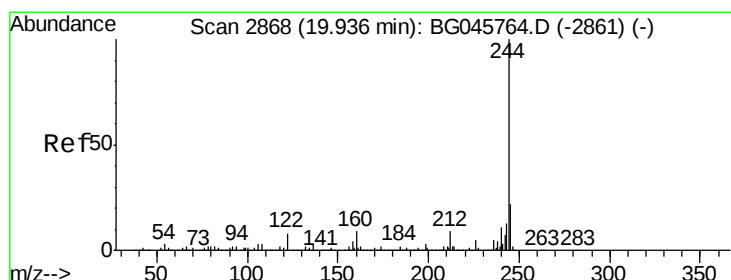
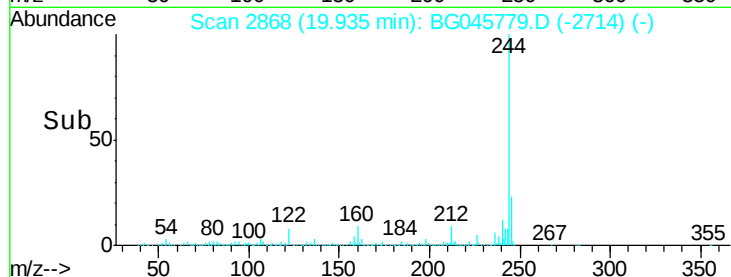
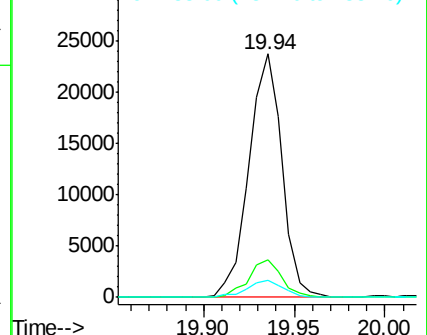
183 7.2 9.7 14.5#



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: 91.807 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045779.D

Acq: 16 Jun 2020 19:21

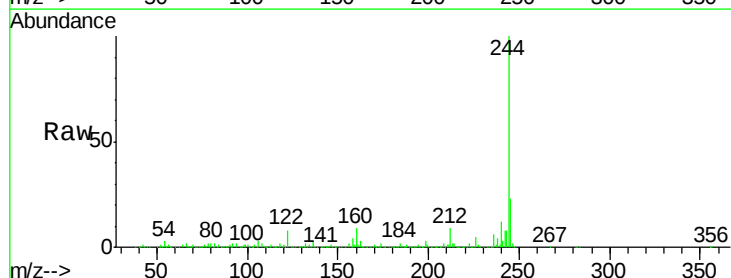
Tgt Ion:244 Resp: 1604842

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

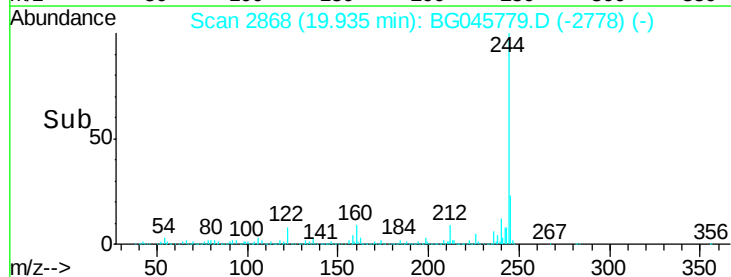
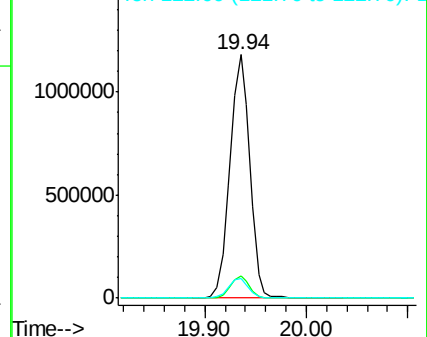
122 8.0 6.4 9.6

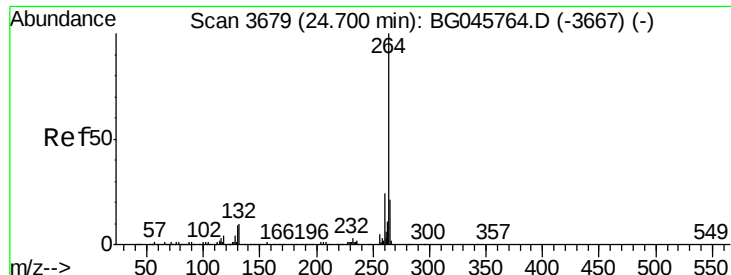


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG045779.D
Acq: 16 Jun 2020 19:21

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	22.3	17.4	26.0

