

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045925.D
 Acq On : 2 Jul 2020 22:05
 Operator : CG/JU
 Sample : L3172-25
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP10-SS

Quant Time: Jul 03 00:39:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

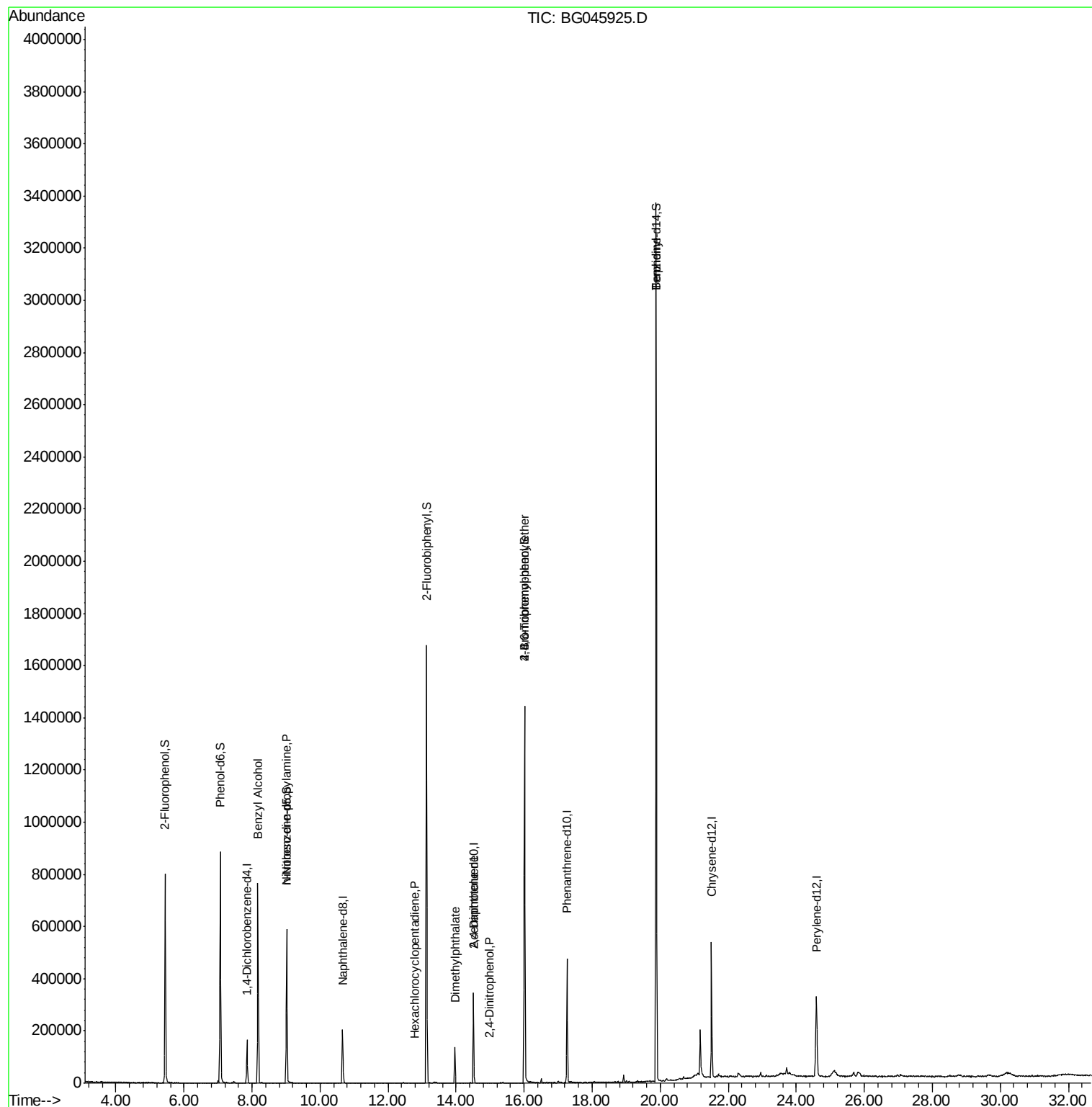
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45905	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180280	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	128413	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	305527	20.00	ng	0.00
76) Chrysene-d12	21.51	240	310483	20.00	ng	-0.01
86) Perylene-d12	24.59	264	324810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	389479	143.32	ng	0.00
7) Phenol-d6	7.07	99	559202	135.28	ng	0.00
23) Nitrobenzene-d5	9.02	82	398098	100.88	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	290412	149.80	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	912977	104.48	ng	0.00
79) Terphenyl-d14	19.88	244	1618560	105.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.17	79	7327	2.291	ng	# 55
19) n-Nitroso-di-n-propylamine	9.01	70	56745	20.881	ng	# 79
41) Hexachlorocyclopentadiene	12.79	237	62	8.443	ng	# 27
50) Dimethylphthalate	13.97	163	96691	9.612	ng	# 97
54) 2,4-Dinitrophenol	14.99	184	58	9.866	ng	# 15
57) 2,4-Dinitrotoluene	14.51	165	16810	5.193	ng	# 22
67) 4-Bromophenyl-phenylether	16.01	248	19590	4.935	ng	# 1
77) Benzidine	19.88	184	30423	3.769	ng	# 87

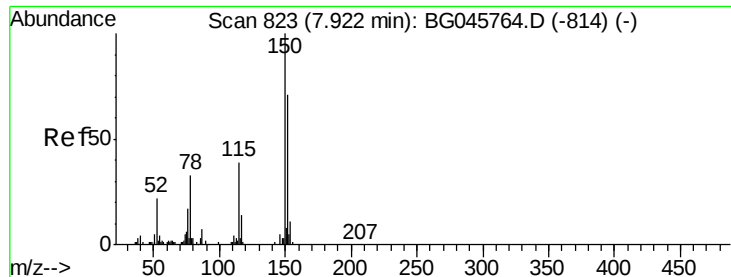
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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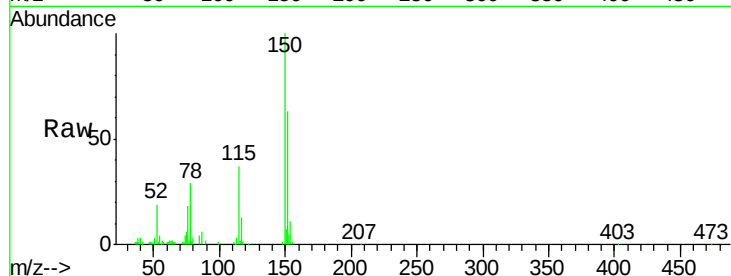


#1

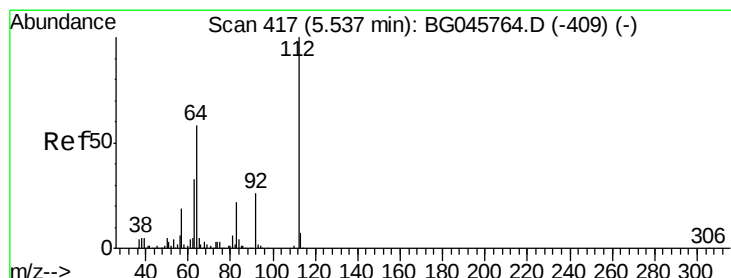
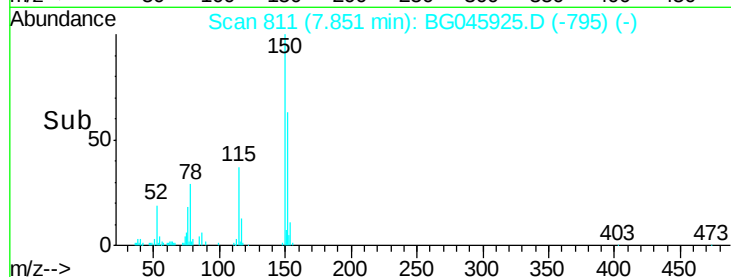
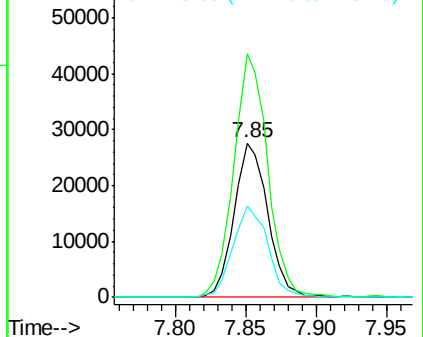
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP10-SS

Tot Ion:152 Resp: 45905
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 59.1 45.8 68.8



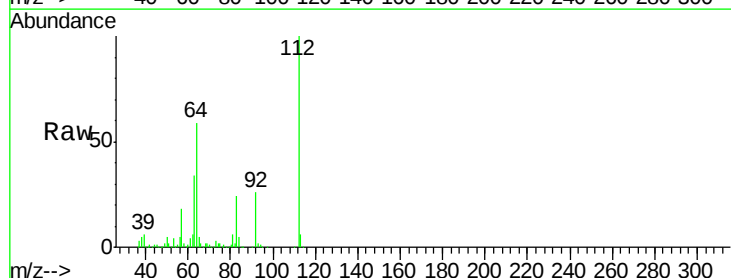
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



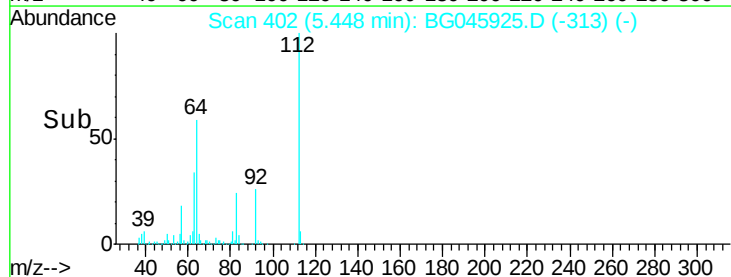
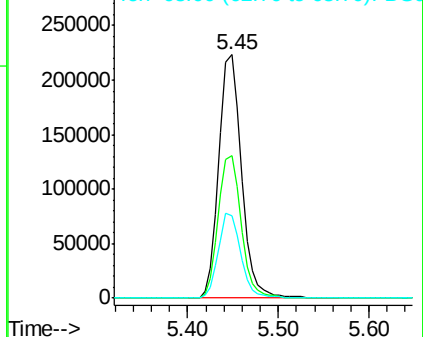
#5

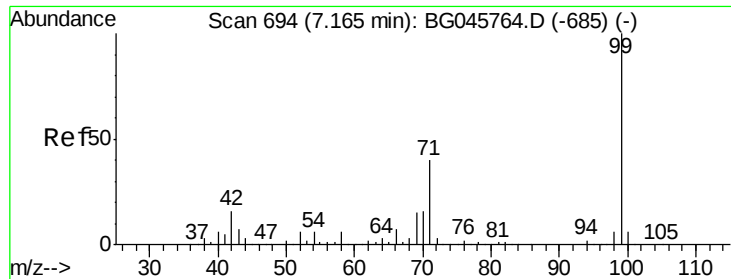
2-Fluorophenol
Concen: 143.322 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.01 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

Tgt Ion:112 Resp: 389479
Ion Ratio Lower Upper
112 100
64 58.6 44.9 67.3
63 33.7 26.9 40.3



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: 135.283 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP10-SS

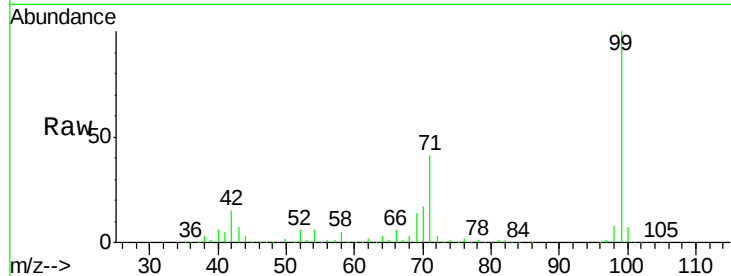
Tot Ion: 99 Resp: 559202

Ion Ratio Lower Upper

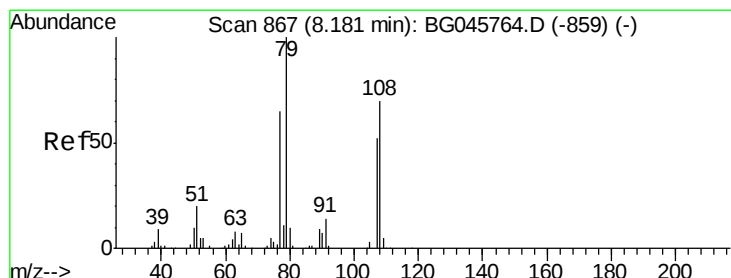
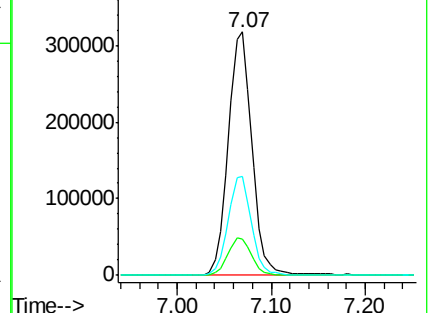
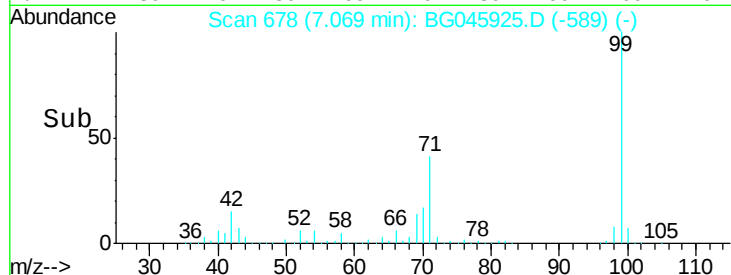
99 100

42 14.9 11.8 17.8

71 40.9 31.0 46.6



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



#15

Benzyl Alcohol

Concen: 2.291 ng

RT: 8.17 min Scan# 866

Delta R.T. 0.06 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

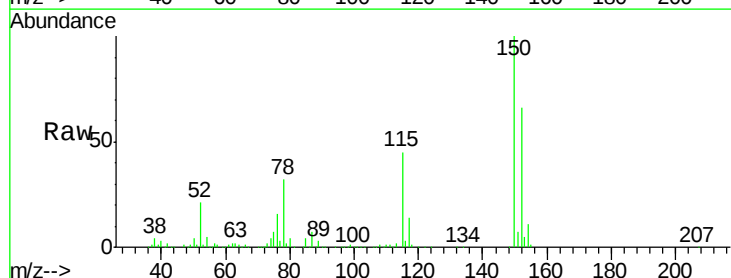
Tgt Ion: 79 Resp: 7327

Ion Ratio Lower Upper

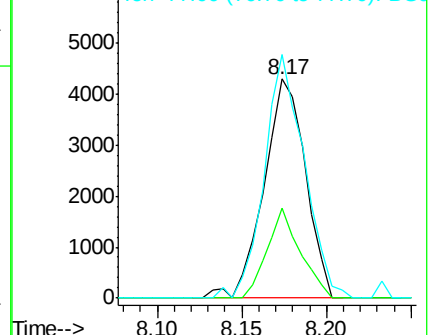
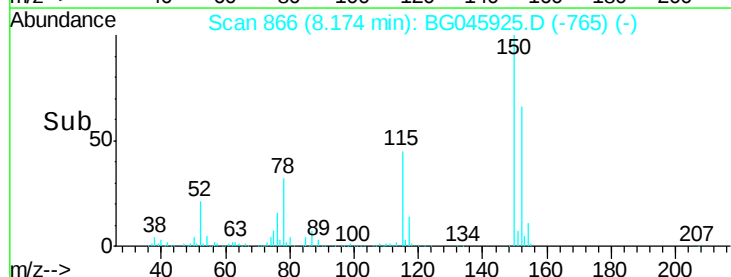
79 100

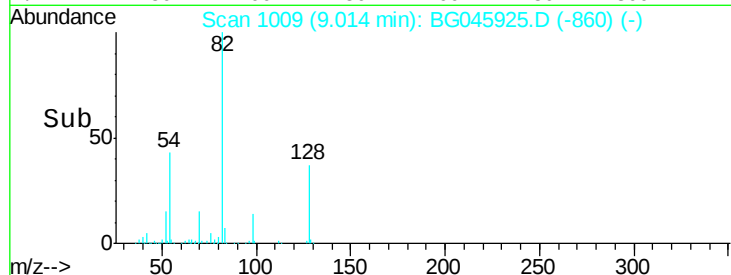
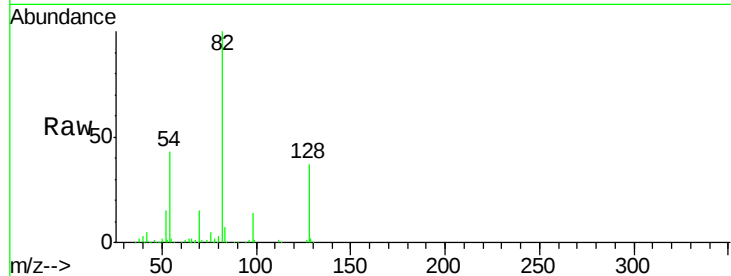
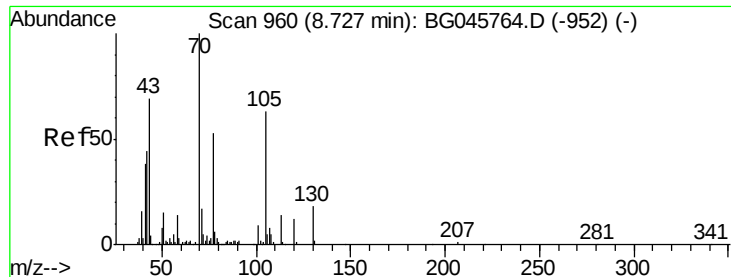
108 41.2 50.7 76.1#

77 111.1 50.4 75.6#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

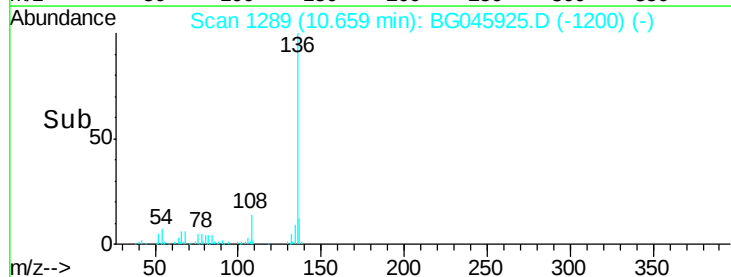
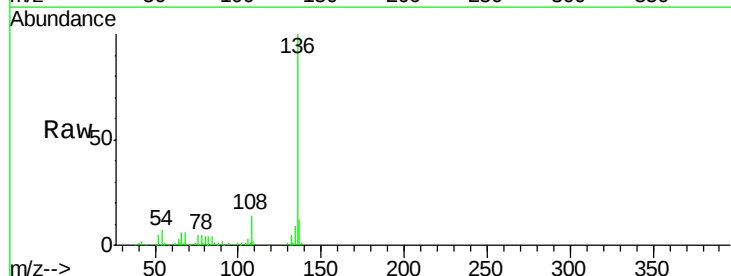
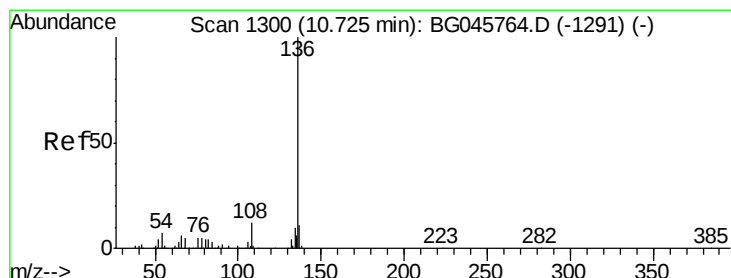
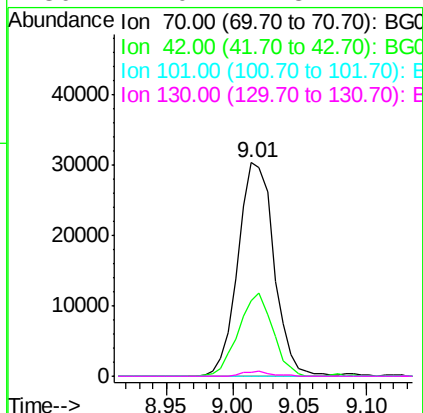




#19
n-Nitroso-di-n-propylamine
Concen: 20.881 ng
RT: 9.01 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

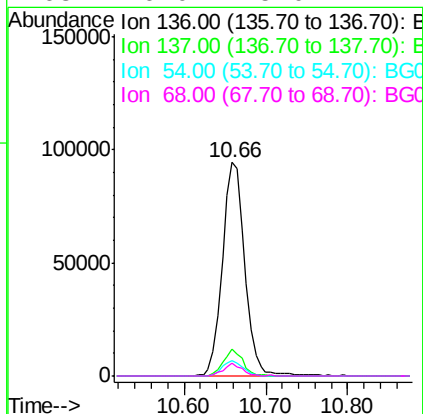
Instrument :
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TP10-SS

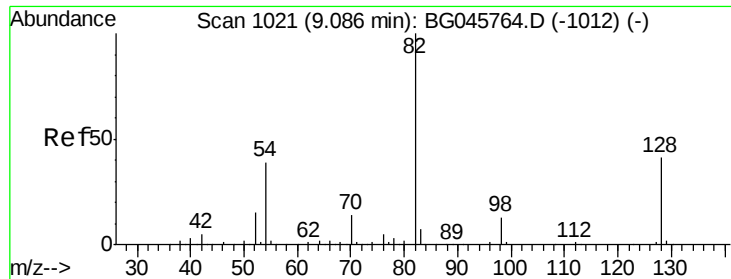
Tot Ion	70	Resp	56745
Ion Ratio	Lower	Upper	
70	100		
42	35.3	35.6	53.4#
101	0.0	6.6	10.0#
130	2.0	14.8	22.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

Tgt Ion	136	Resp	180280
Ion Ratio	Lower	Upper	
136	100		
137	12.4	8.2	12.4
54	7.2	4.6	7.0#
68	6.0	5.0	7.4

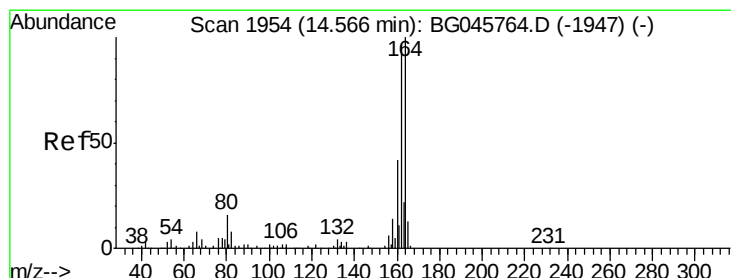
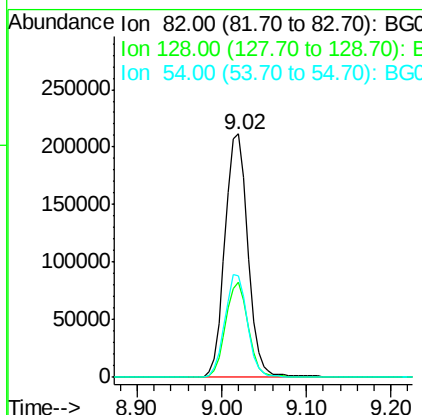
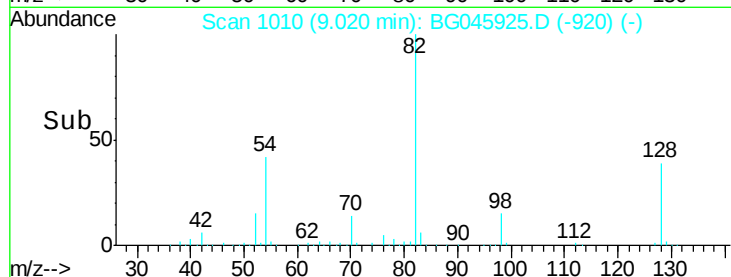
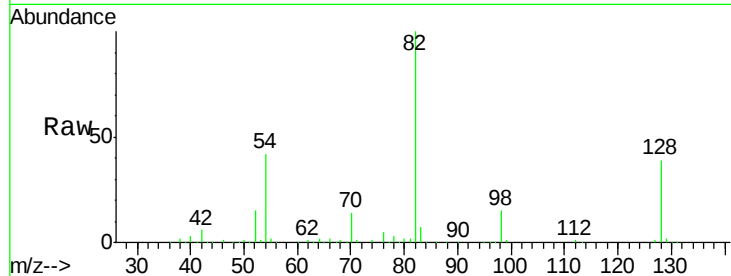




#23
Nitrobenzene-d5
Concen: 100.879 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

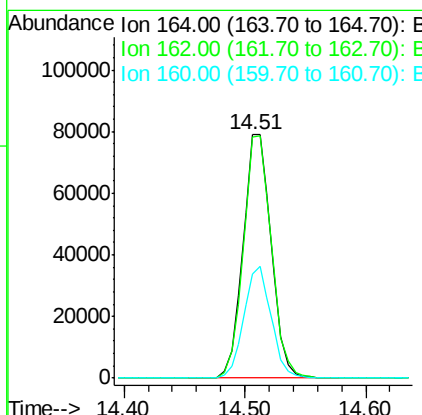
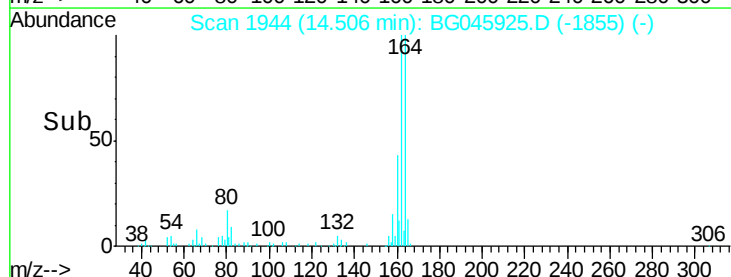
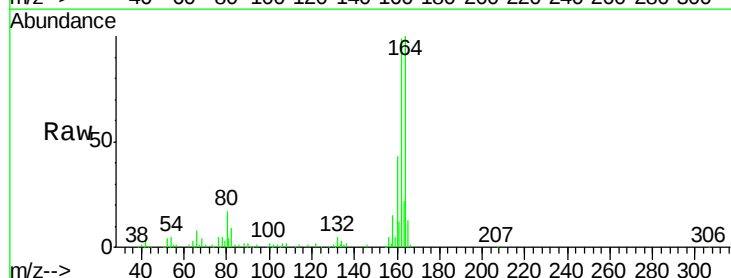
Instrument :
BNA_G
ClientSampleId :
TP10-SS

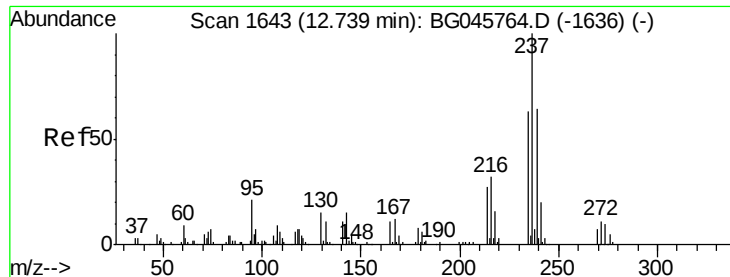
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.9	44.9
54	41.7	33.3	49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	42.9	33.8	50.6





#41

Hexachlorocyclopentadiene

Concen: 8.443 ng

RT: 12.79 min Scan# 1651

Delta R.T. 0.10 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP10-SS

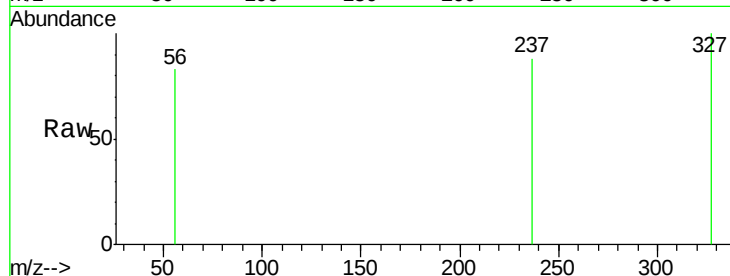
Tot Ion:237 Resp: 62

Ion Ratio Lower Upper

237 100

235 0.0 43.3 83.3#

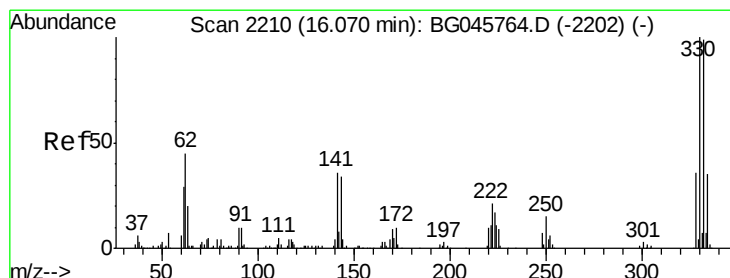
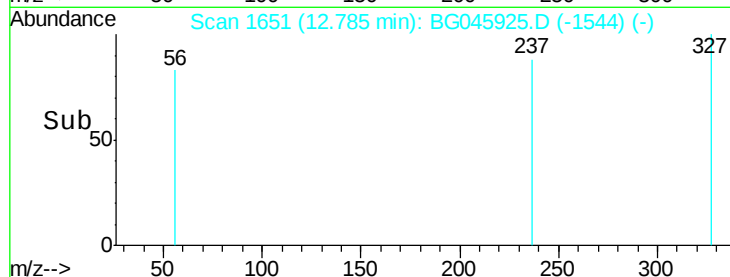
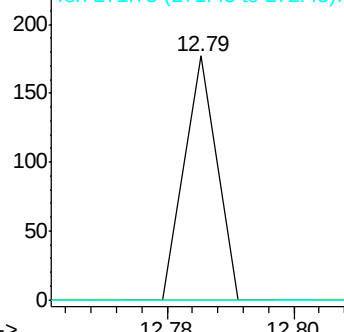
272 0.0 0.0 33.3



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: 149.797 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

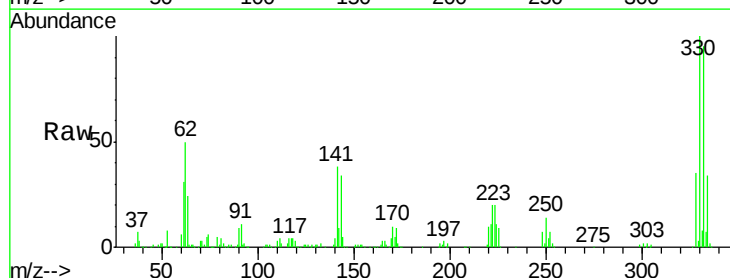
Tgt Ion:330 Resp: 290412

Ion Ratio Lower Upper

330 100

332 96.9 79.4 119.0

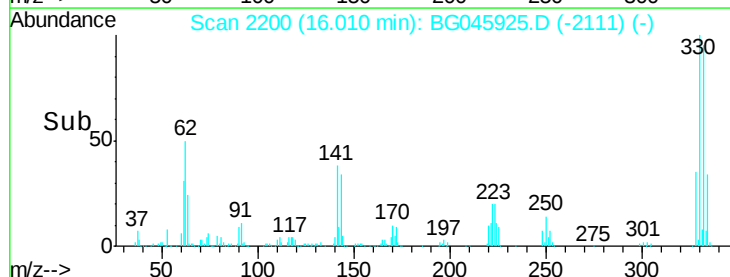
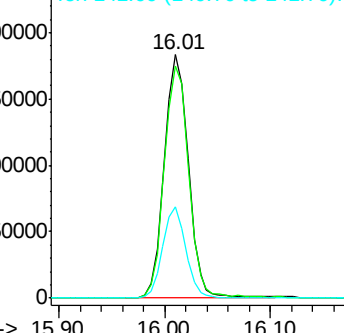
141 36.2 28.2 42.2

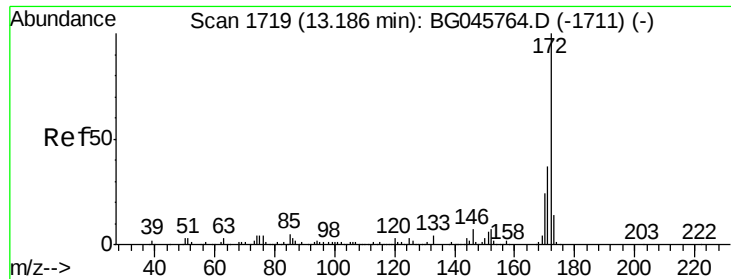


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

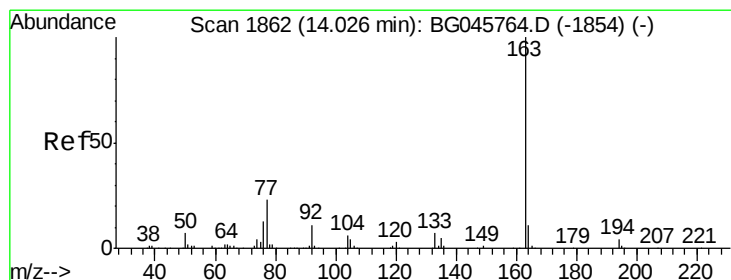
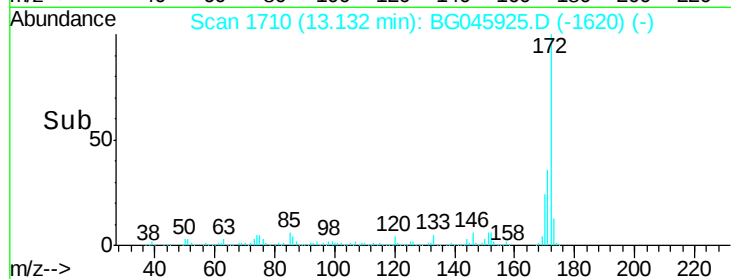
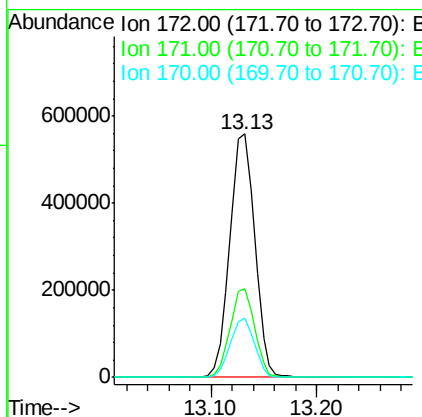
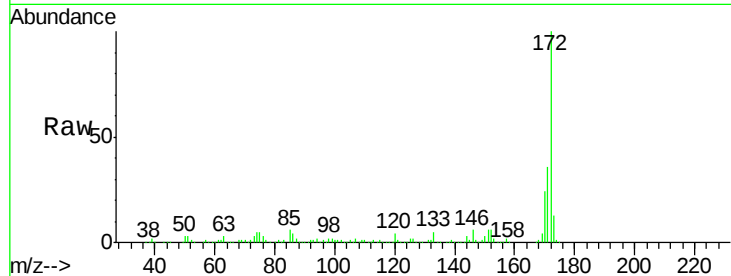




#45
2-Fluorobiphenyl
Concen: 104.481 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

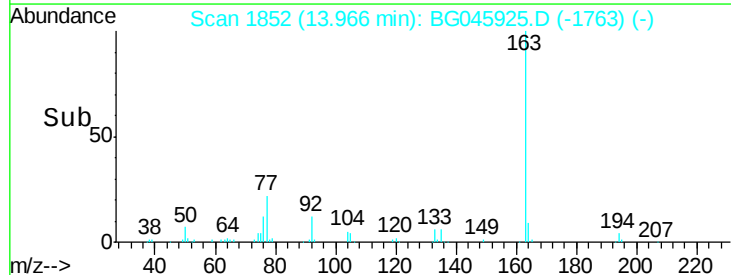
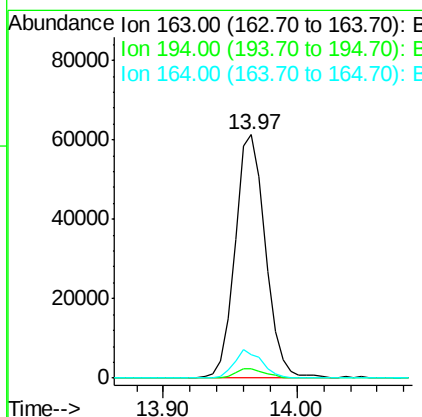
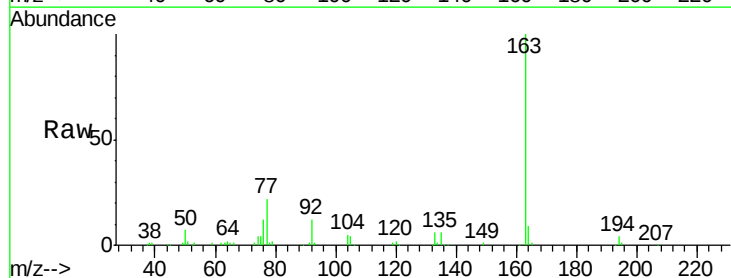
Instrument :
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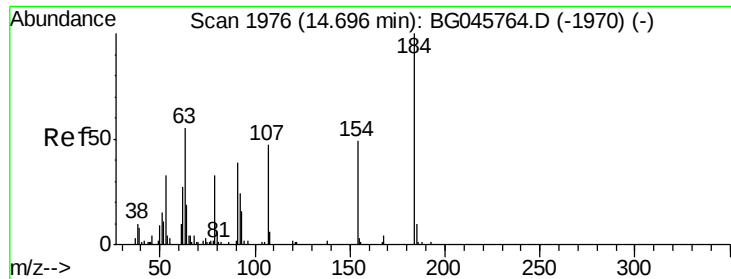
Tot Ion:172 Resp: 912977
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.5 18.9 28.3



#50
Dimethylphthalate
Concen: 9.612 ng
RT: 13.97 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

Tgt Ion:163 Resp: 96691
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.4 8.7 13.1

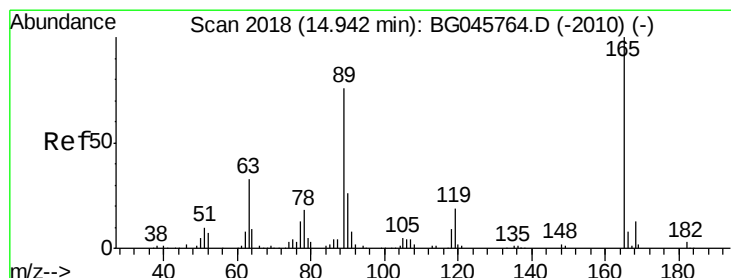
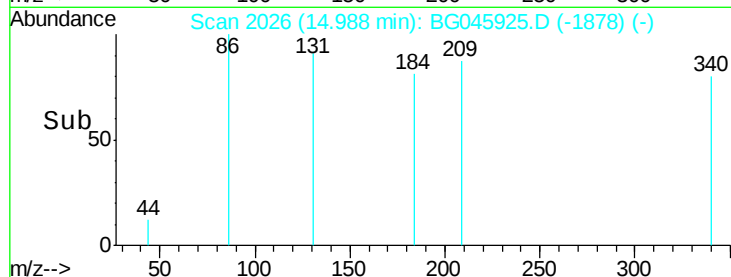
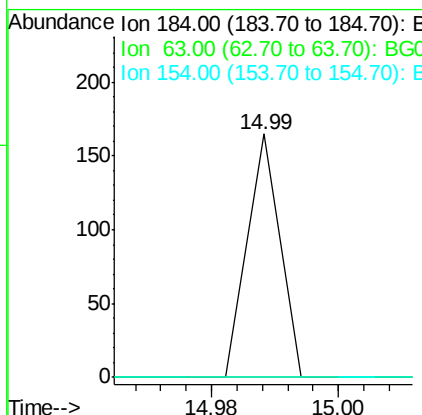
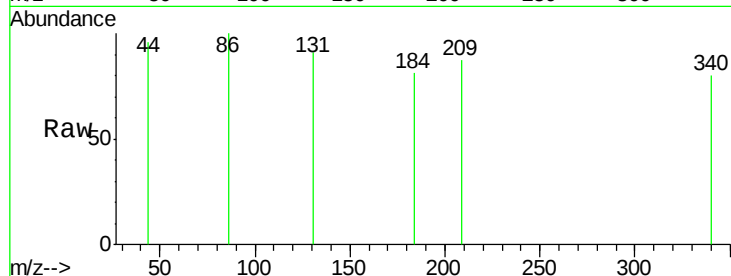




#54
2,4-Dinitrophenol
Concen: 9.866 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.34 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

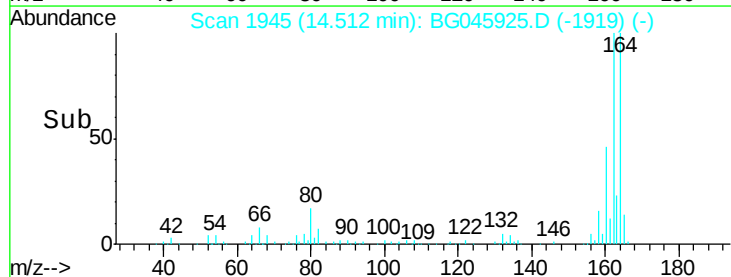
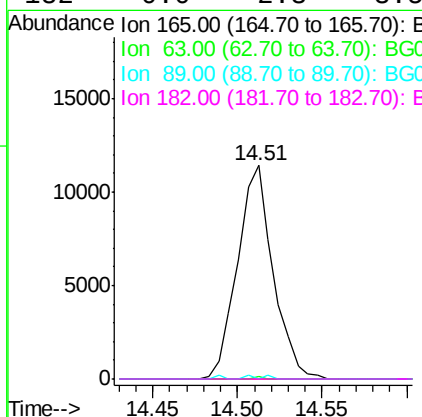
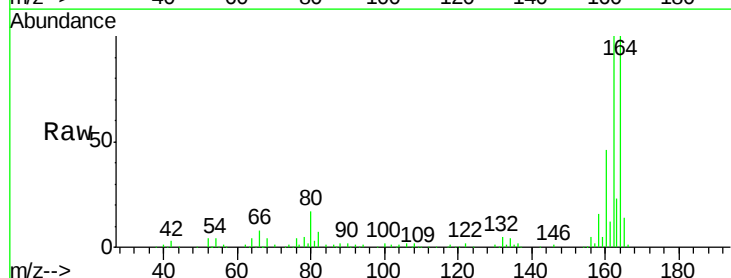
Instrument :
BNA_G
ClientSampleId :
TP10-SS

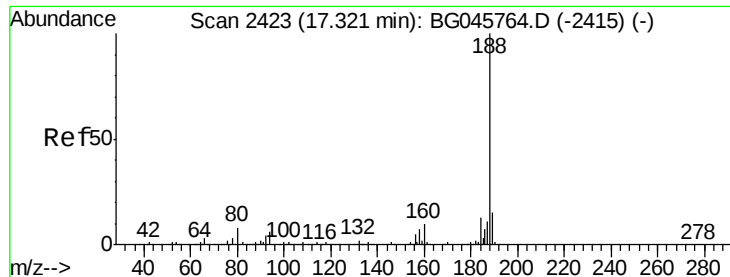
Tot Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 49.4 74.0#
154 0.0 59.8 89.8#



#57
2,4-Dinitrotoluene
Concen: 5.193 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.38 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

Tgt Ion:165 Resp: 16810
Ion Ratio Lower Upper
165 100
63 1.5 34.5 51.7#
89 0.0 60.8 91.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP10-SS

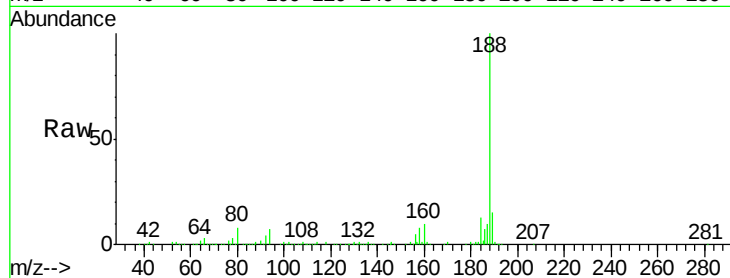
Tot Ion:188 Resp: 305527

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

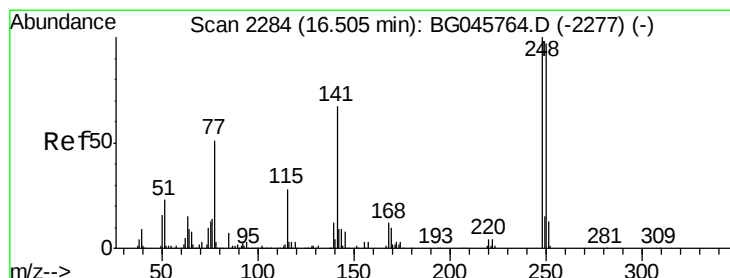
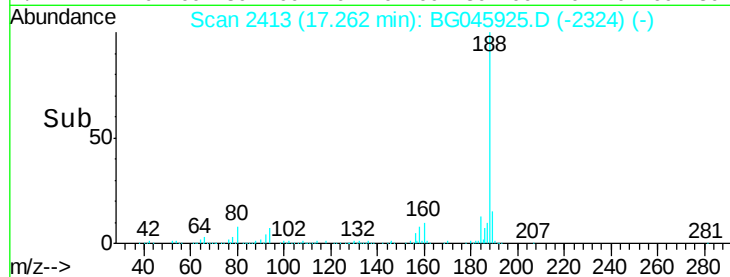
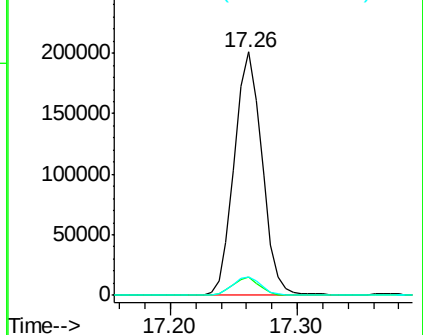
80 7.6 6.1 9.1



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: 4.935 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

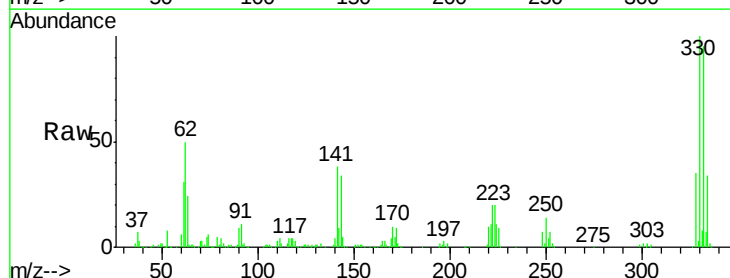
Tgt Ion:248 Resp: 19590

Ion Ratio Lower Upper

248 100

250 206.0 77.2 115.8#

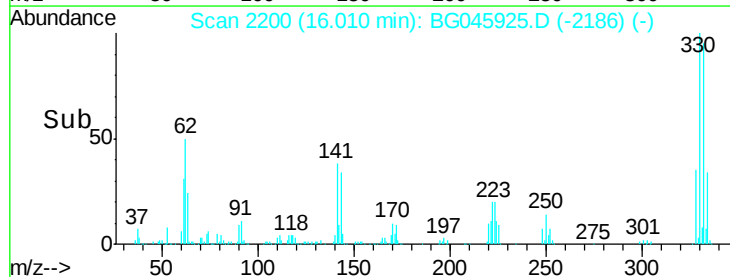
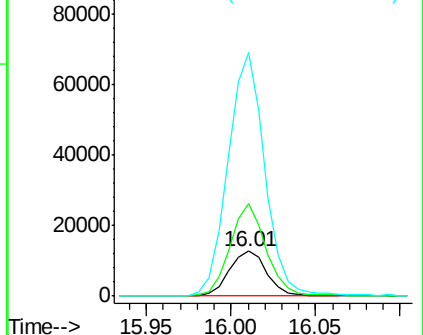
141 545.3 52.6 79.0#

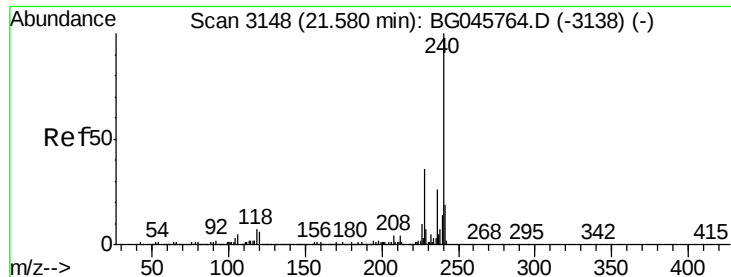


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

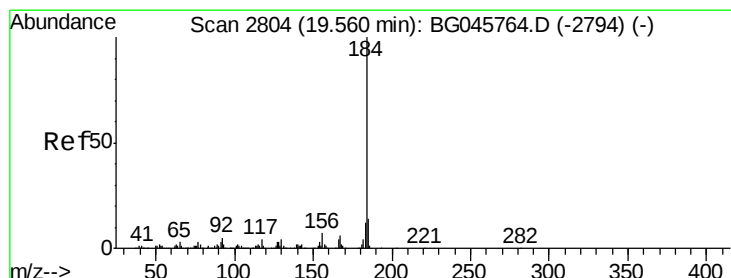
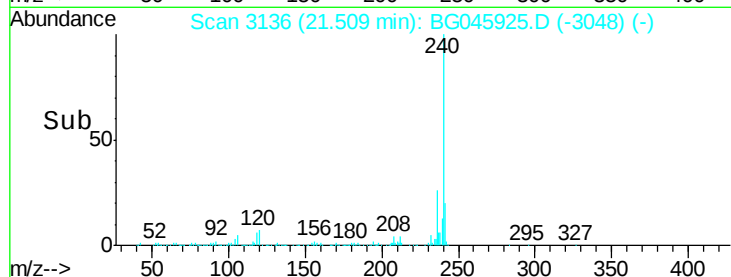
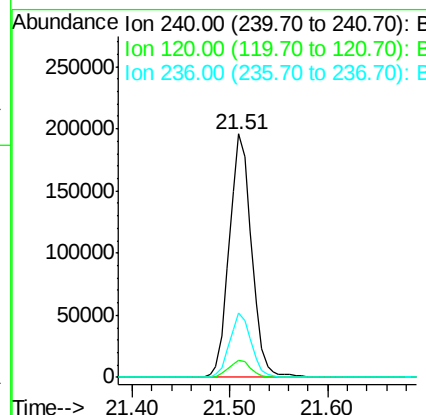
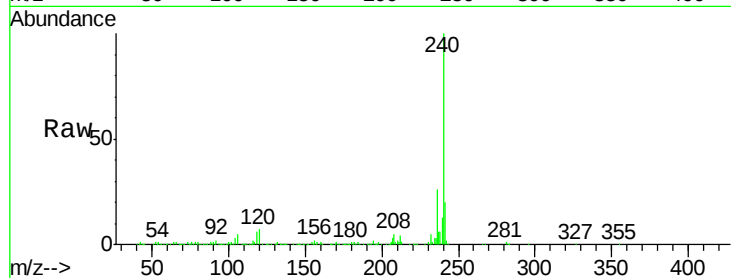




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

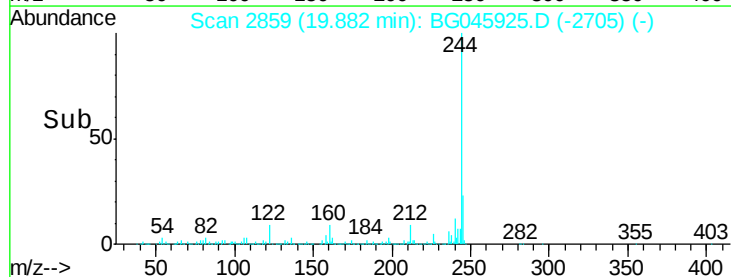
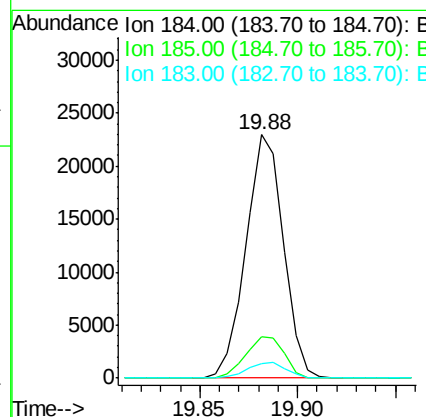
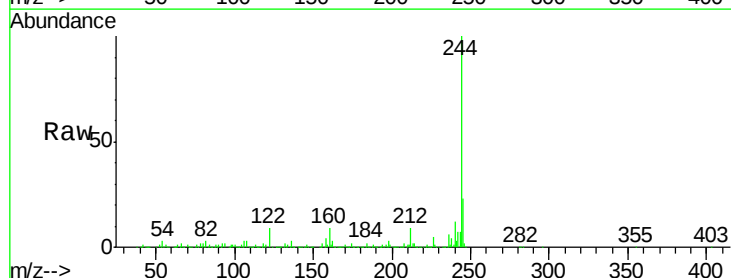
Instrument :
BNA_G
ClientSampleId :
TP10-SS

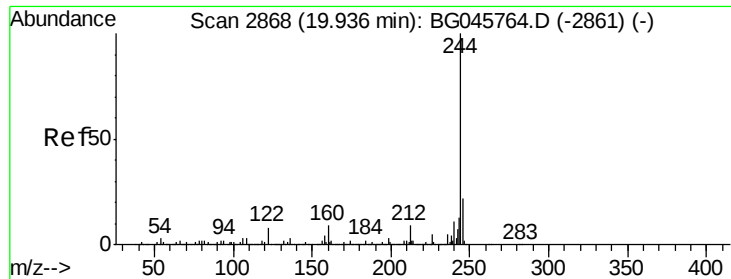
Tot Ion:240 Resp: 310483
Ion Ratio Lower Upper
240 100
120 6.8 5.2 7.8
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.769 ng
RT: 19.88 min Scan# 2859
Delta R.T. 0.38 min
Lab File: BG045925.D
Acq: 2 Jul 2020 22:05

Tgt Ion:184 Resp: 30423
Ion Ratio Lower Upper
184 100
185 17.1 11.1 16.7#
183 6.1 10.6 15.8#





#79

Terphenyl-d14

Concen: 105.647 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP10-SS

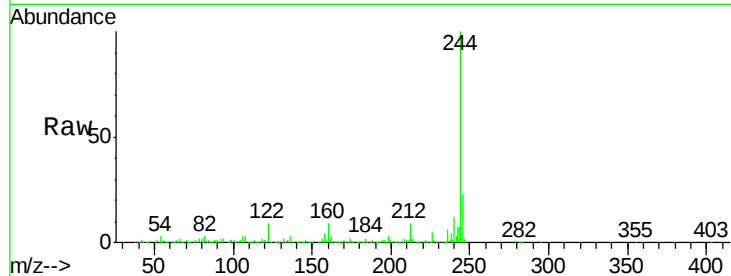
Tot Ion:244 Resp: 1618560

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

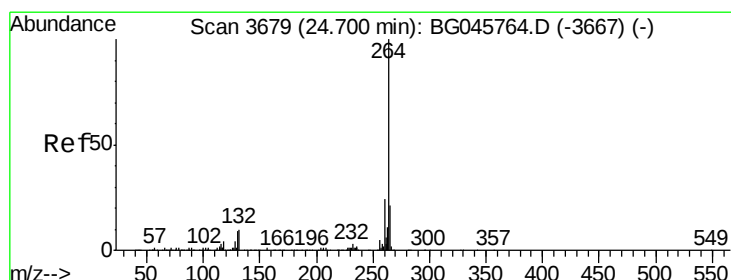
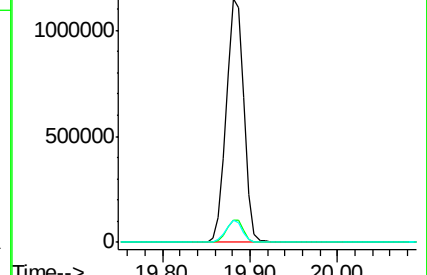
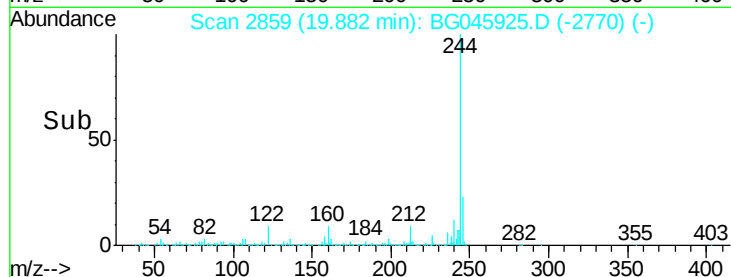
122 8.9 6.6 9.8



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: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045925.D

Acq: 2 Jul 2020 22:05

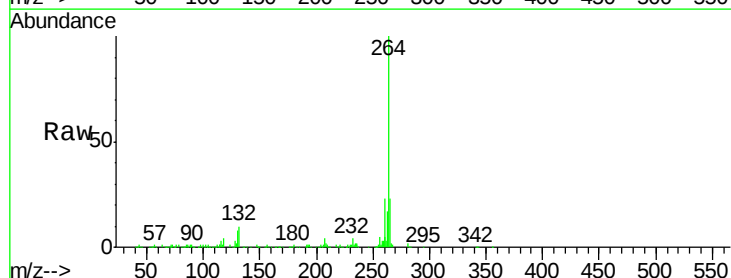
Tgt Ion:264 Resp: 324810

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.9 16.4 24.6



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

