

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045726.D
 Acq On : 11 Jun 2020 18:16
 Operator : CG/JU
 Sample : PB129493TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 11 18:54:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

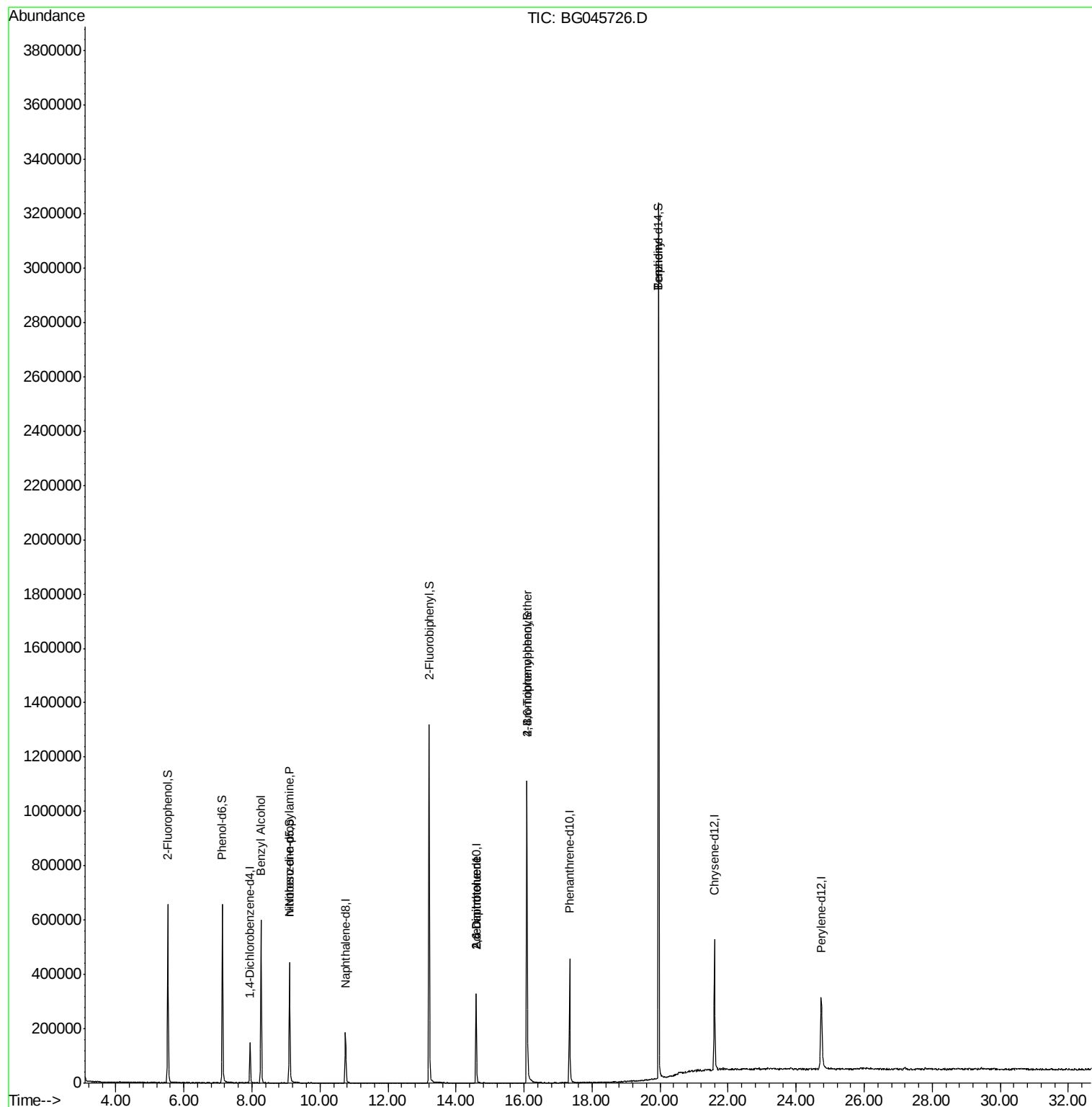
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	42893	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	172280	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	134736	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	343981	20.00	ng	0.00
76) Chrysene-d12	21.59	240	339213	20.00	ng	0.00
87) Perylene-d12	24.74	264	343558	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	311262	141.82	ng	0.00
7) Phenol-d6	7.13	99	441520	141.34	ng	-0.02
23) Nitrobenzene-d5	9.10	82	318313	100.76	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	256424	148.81	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	764341	96.22	ng	0.00
79) Terphenyl-d14	19.95	244	1602150	110.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.26	79	5585	2.164	ng	# 58
19) n-Nitroso-di-n-propylamine	9.10	70	43242	20.018	ng	# 79
51) 2,6-Dinitrotoluene	14.59	165	17584	8.431	ng	# 23
57) 2,4-Dinitrotoluene	14.59	165	17584	5.821	ng	# 23
67) 4-Bromophenyl-phenylether	16.08	248	16736	4.493	ng	# 1
77) Benzidine	19.95	184	30026	3.152	ng	# 94

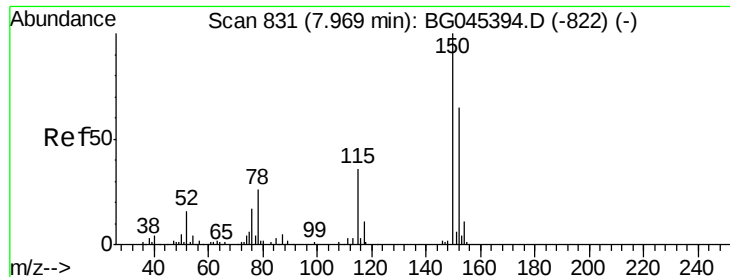
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



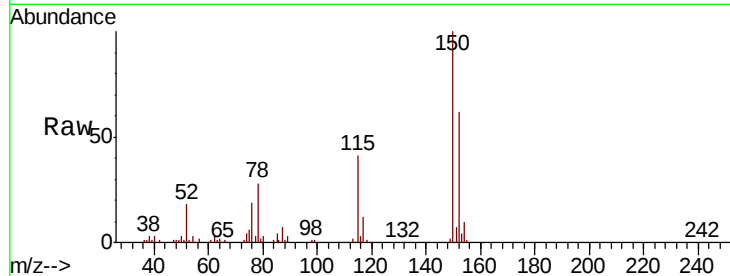


#1

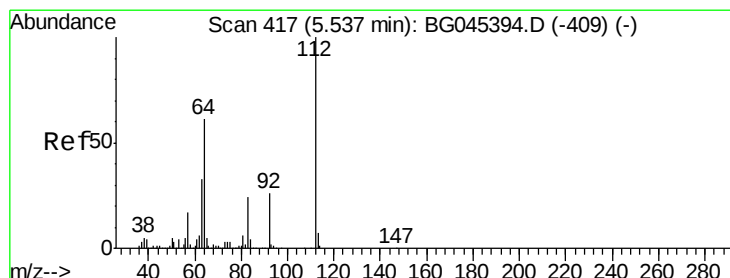
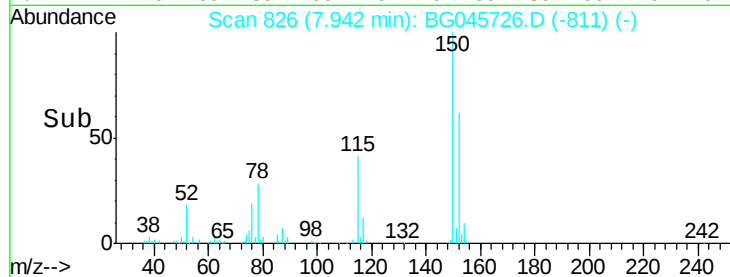
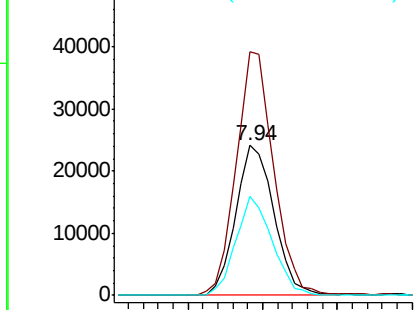
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045726.D
Acq: 11 Jun 2020 18:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	122.4	183.6
115	66.3	44.2	66.4



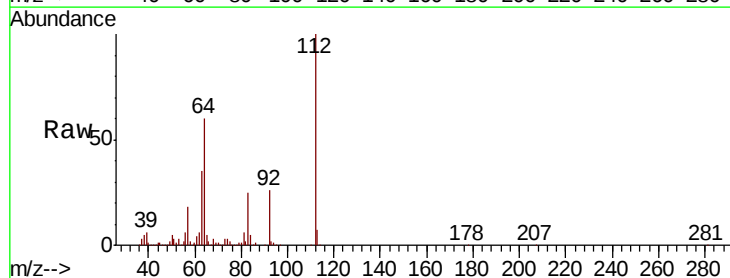
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



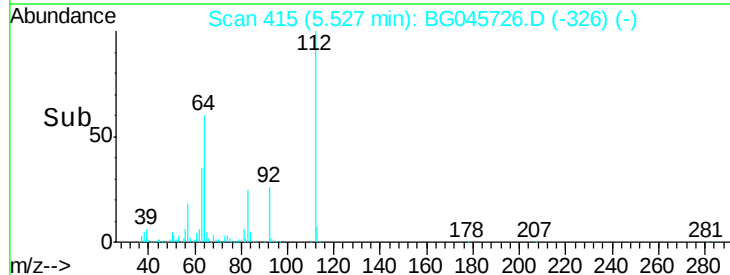
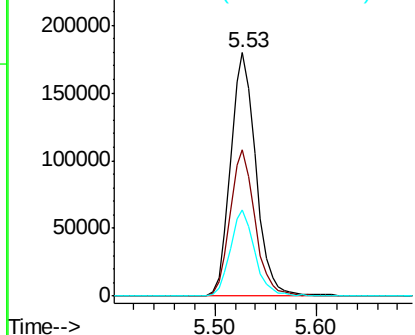
#5

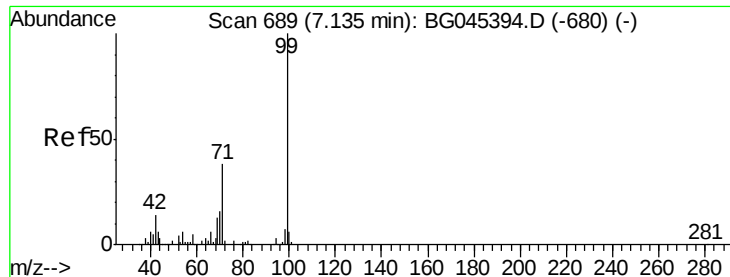
2-Fluorophenol
Concen: 141.818 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045726.D
Acq: 11 Jun 2020 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.6	72.8
63	35.3	26.5	39.7



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: 141.338 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

Instrument :

BNA_G

ClientSampleId :

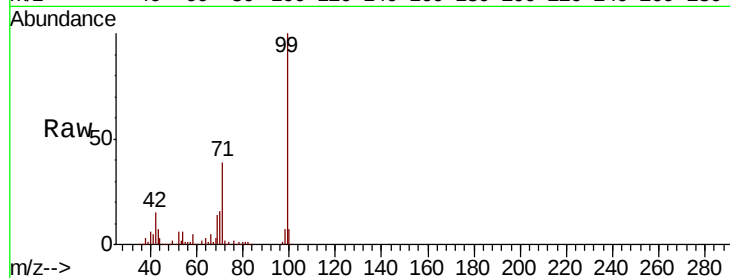
Tot Ion: 99 Resp: 441520

Ion Ratio Lower Upper

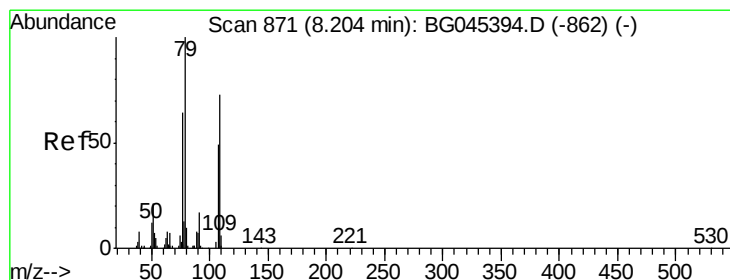
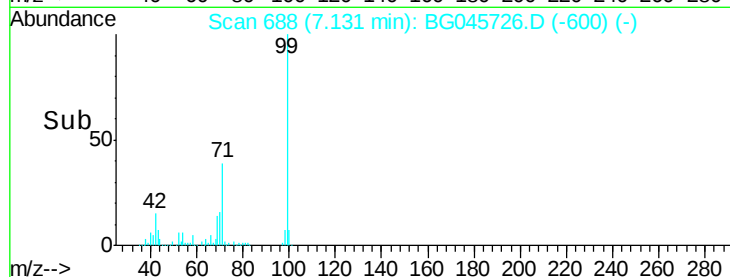
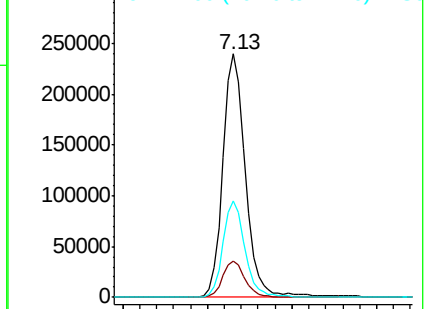
99 100

42 14.9 11.3 16.9

71 39.4 30.8 46.2



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: 2.164 ng

RT: 8.26 min Scan# 881

Delta R.T. 0.07 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

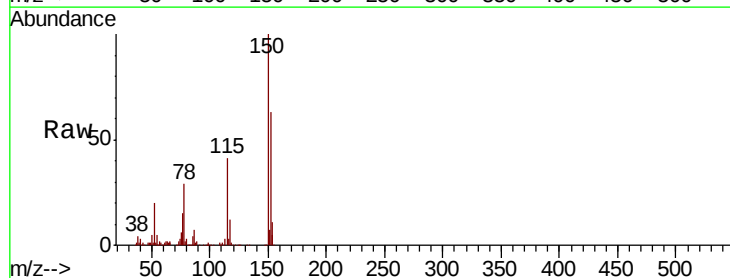
Tgt Ion: 79 Resp: 5585

Ion Ratio Lower Upper

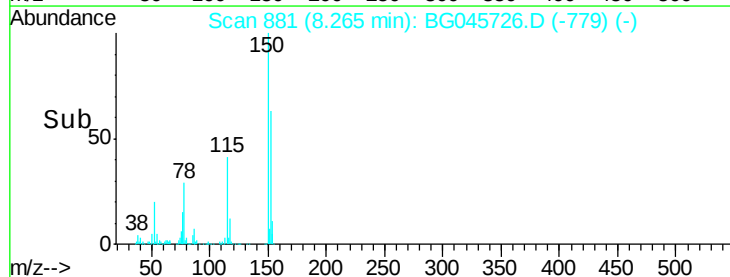
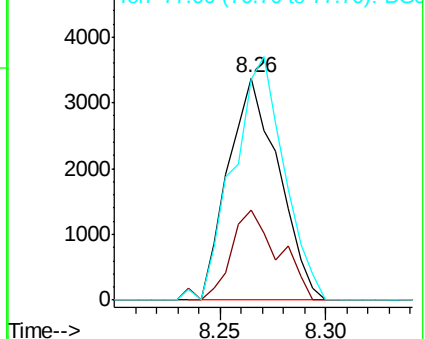
79 100

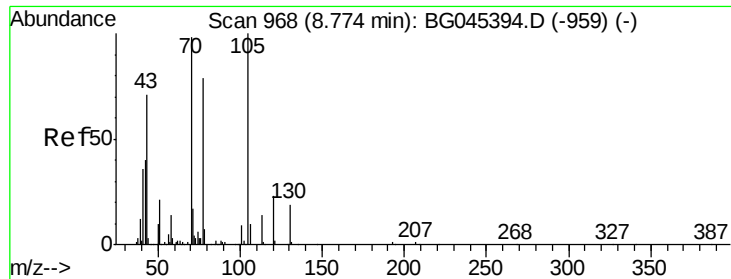
108 40.4 58.2 87.4#

77 99.1 51.0 76.4#



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

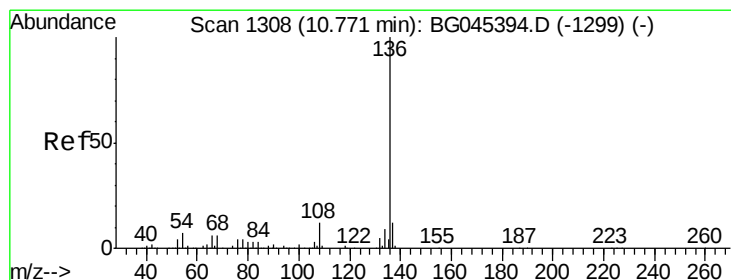
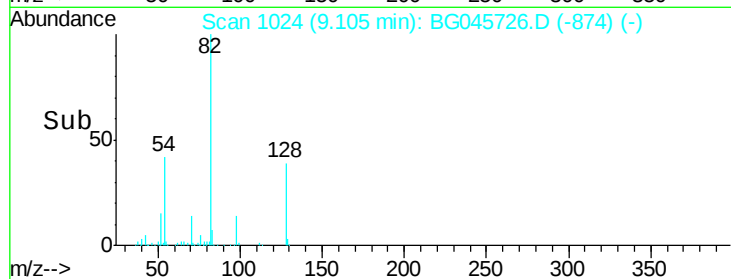
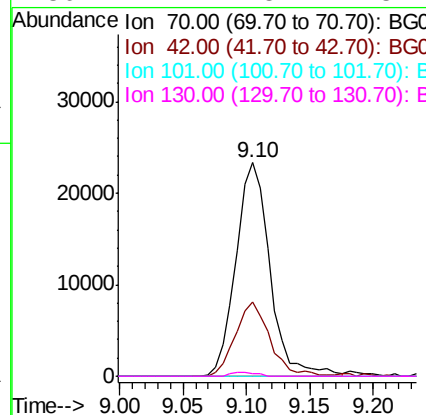
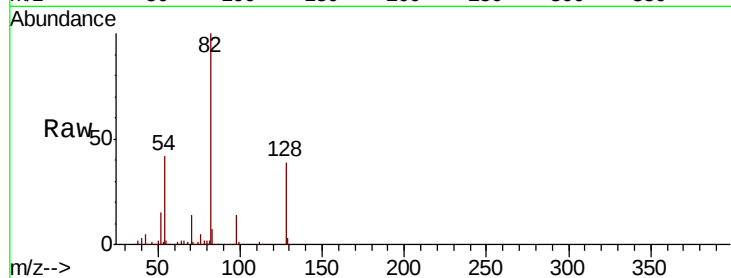




#19
n-Nitroso-di-n-propylamine
Concen: 20.018 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045726.D
Acq: 11 Jun 2020 18:16

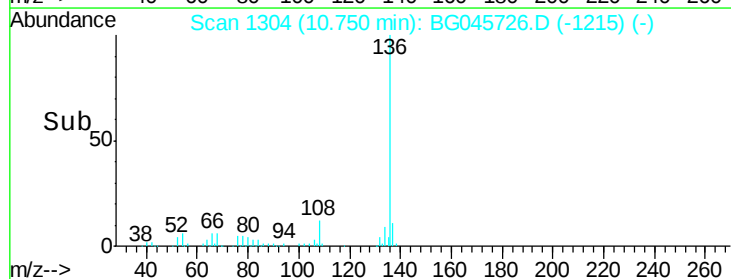
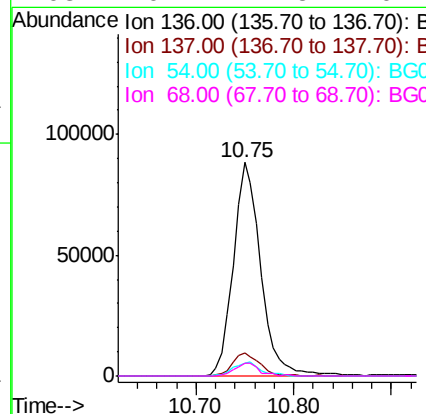
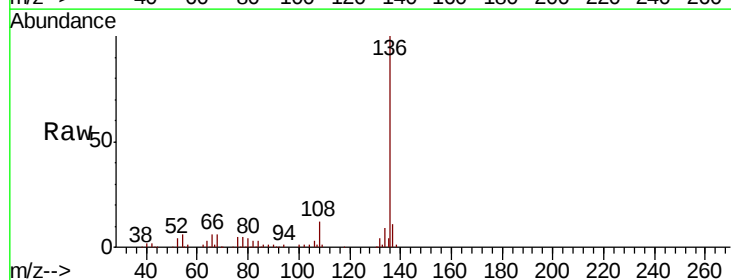
Instrument :
BNA_G
ClientSampleId :

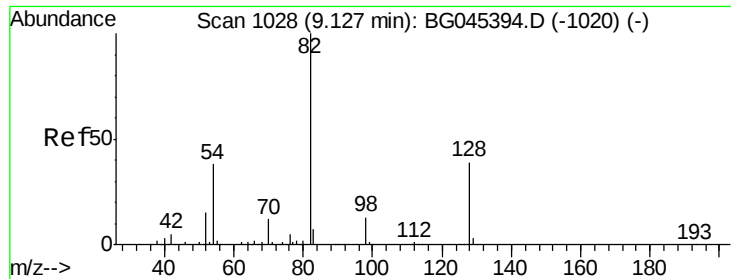
Tot Ion: 70 Resp: 43242
Ion Ratio Lower Upper
70 100
42 34.9 33.2 49.8
101 0.0 7.8 11.6#
130 1.4 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045726.D
Acq: 11 Jun 2020 18:16

Tgt Ion: 136 Resp: 172280
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 6.1 5.8 8.6
68 6.1 4.5 6.7

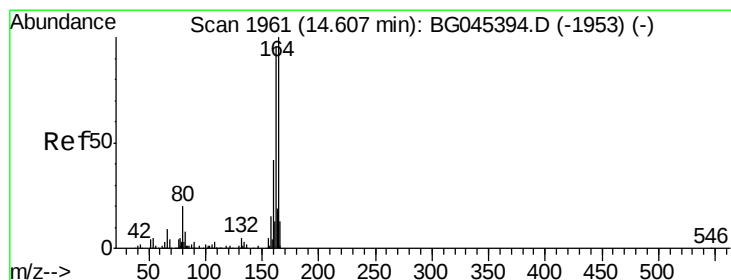
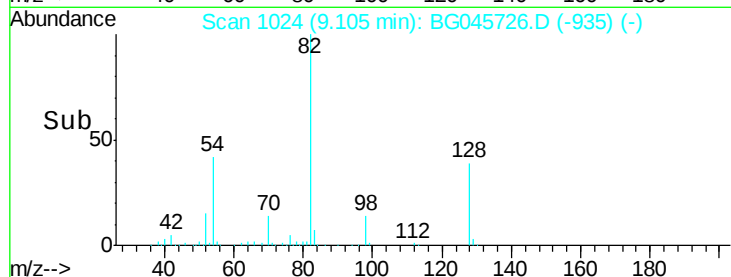
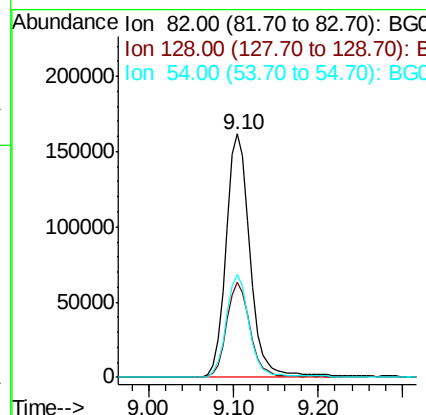
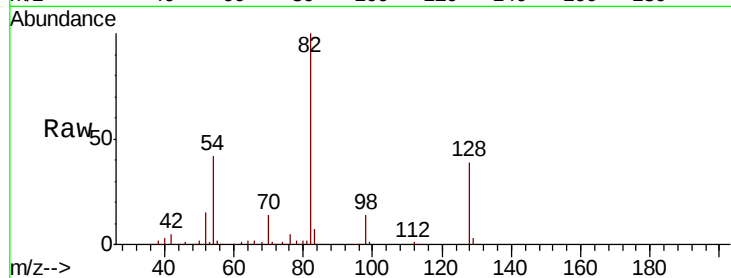




#23
 Nitrobenzene-d5
 Concen: 100.755 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045726.D
 Acq: 11 Jun 2020 18:16

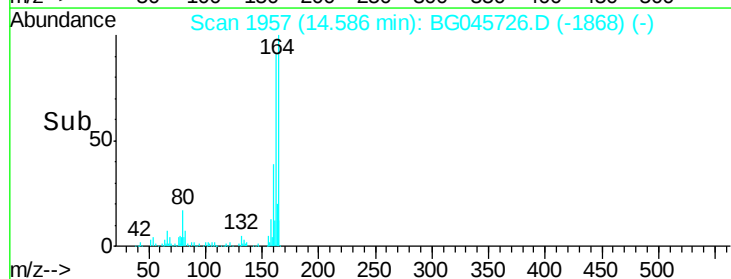
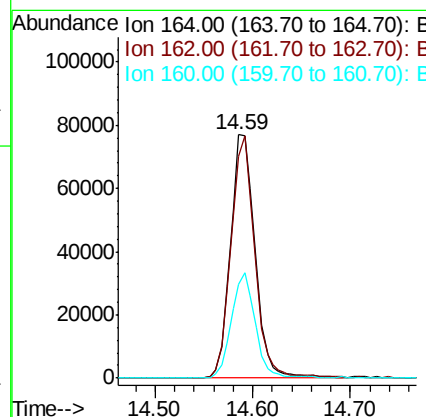
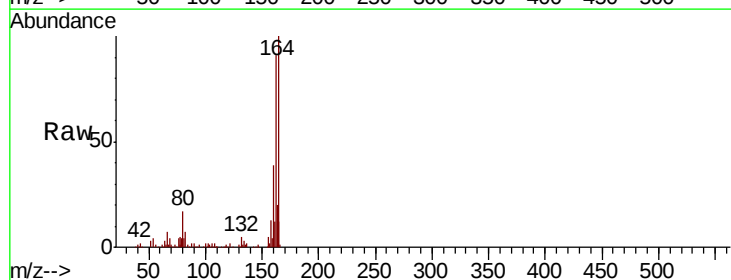
Instrument :
 BNA_G
 ClientSampleId :

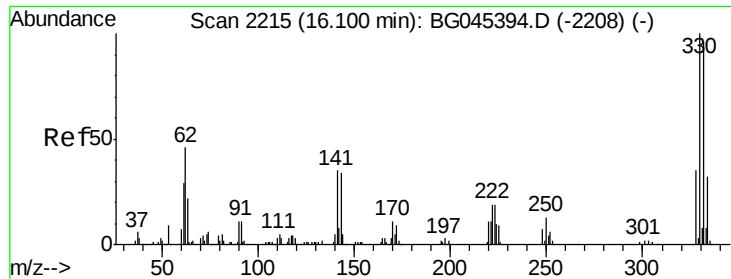
Tot Ion	82	Resp	318313
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.9	46.3
54	42.5	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG045726.D
 Acq: 11 Jun 2020 18:16

Tgt Ion	164	Resp	134736
Ion Ratio	Lower	Upper	
164	100		
162	91.2	76.9	115.3
160	38.8	33.8	50.8

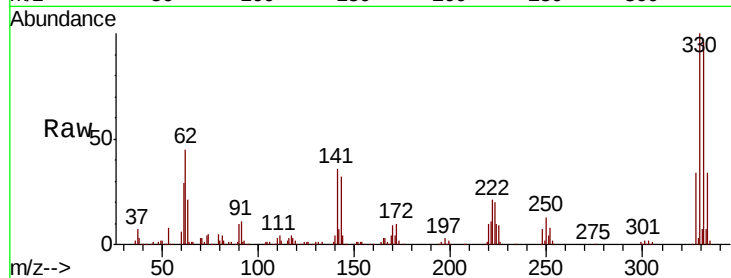




#42
 2,4,6-Tribromophenol
 Concen: 148.814 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045726.D
 Acq: 11 Jun 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.2	117.4
141	35.9	28.2	42.4

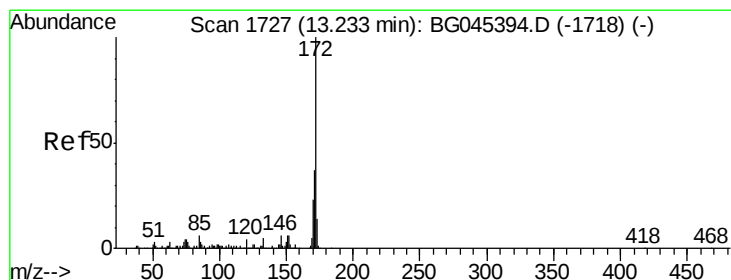
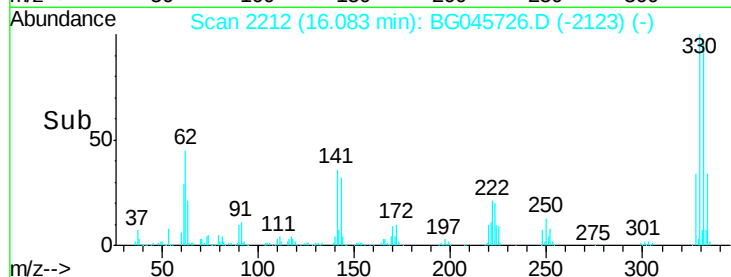
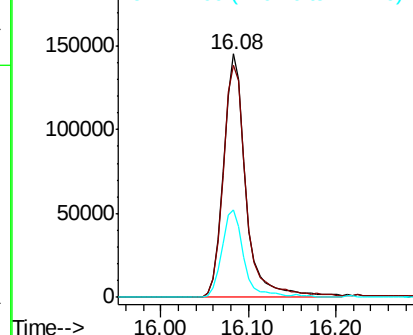


Abundance

Ion 329.80 (329.50 to 330.50): E

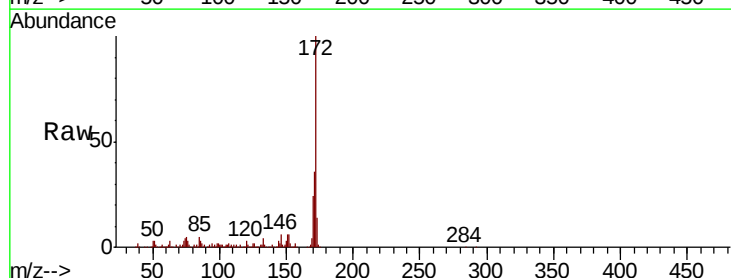
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.224 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045726.D
 Acq: 11 Jun 2020 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	23.7	18.5	27.7

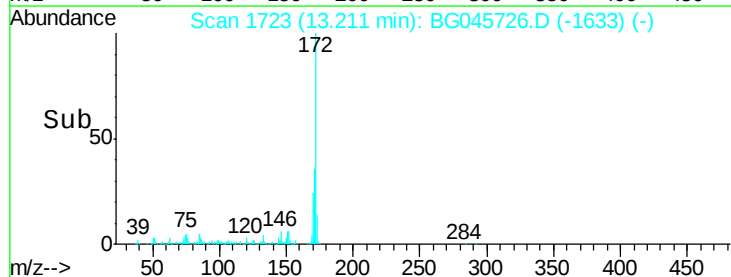
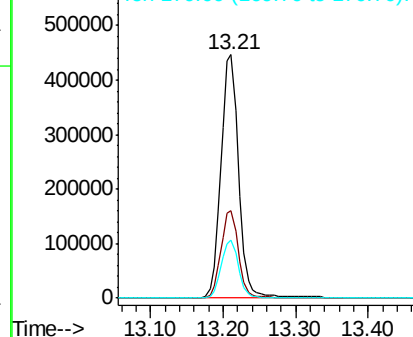


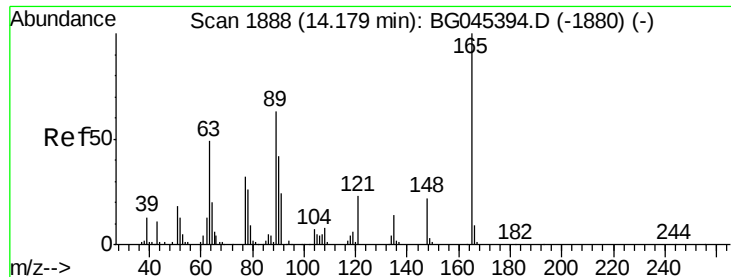
Abundance

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

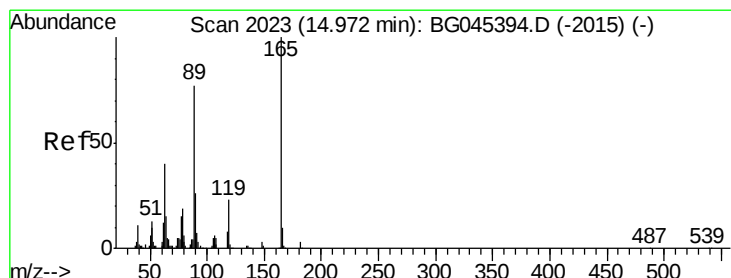
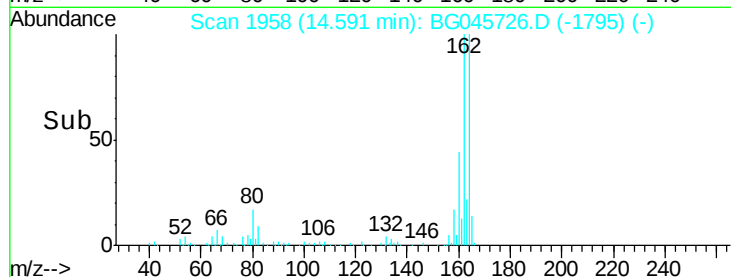
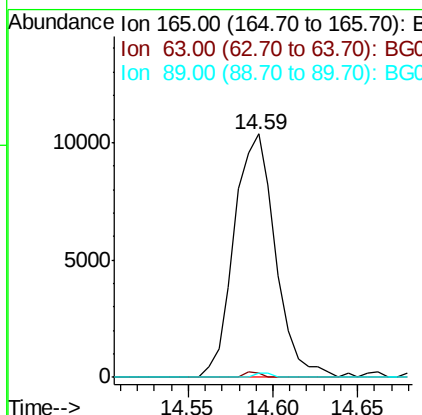
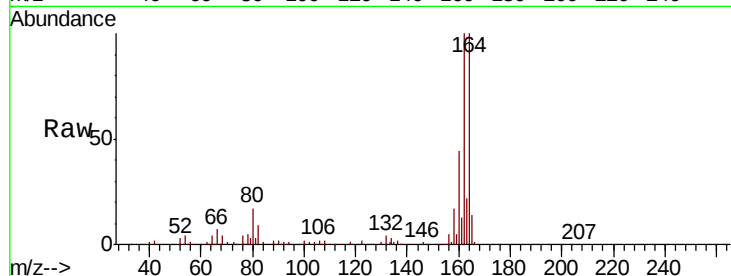




#51
 2,6-Dinitrotoluene
 Concen: 8.431 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. 0.42 min
 Lab File: BG045726.D
 Acq: 11 Jun 2020 18:16

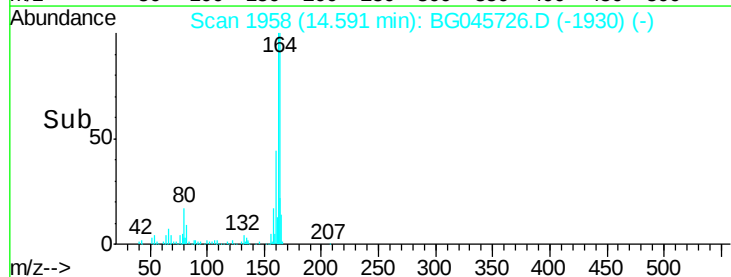
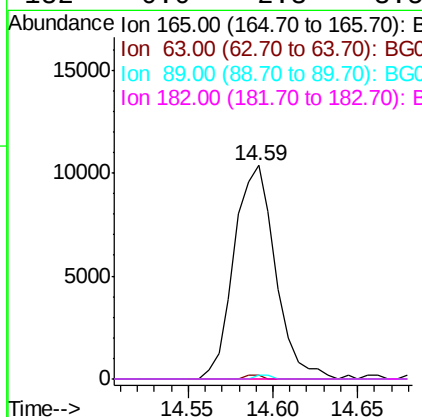
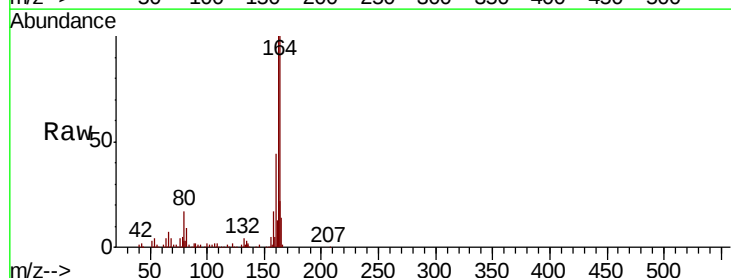
Instrument :
 BNA_G
 ClientSampled :

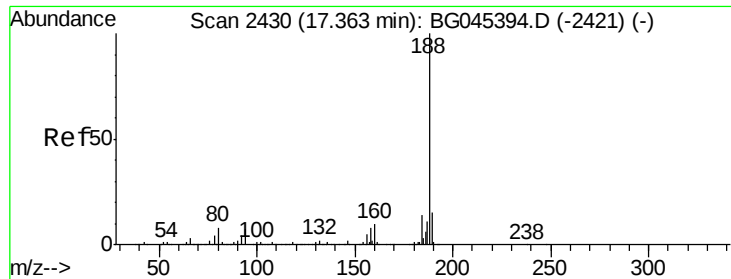
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	45.0	67.4#
89	1.8	50.2	75.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.37 min
 Lab File: BG045726.D
 Acq: 11 Jun 2020 18:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	32.5	48.7#
89	1.8	61.8	92.6#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

Instrument :

BNA_G

ClientSampleId :

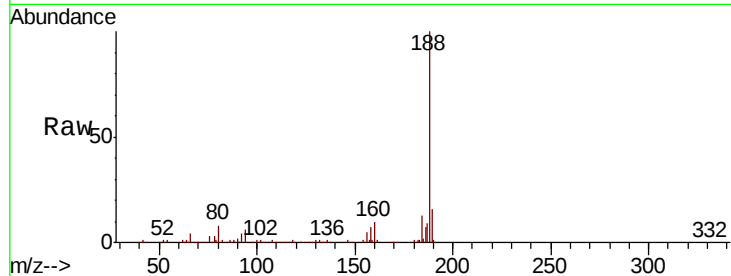
Tot Ion:188 Resp: 343981

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

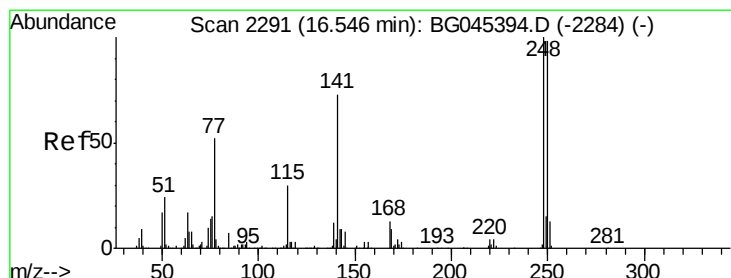
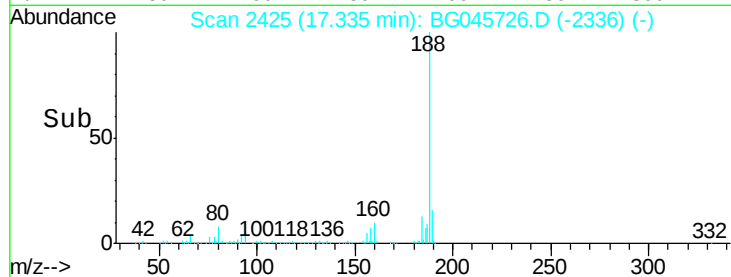
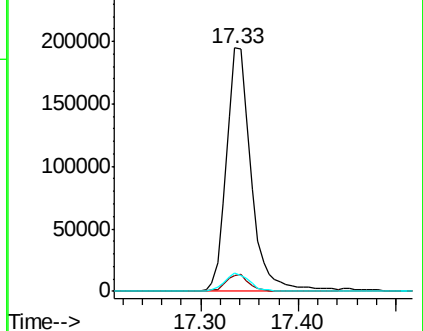
80 7.6 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.493 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

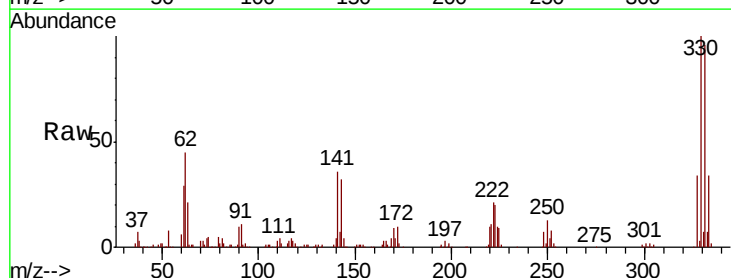
Tgt Ion:248 Resp: 16736

Ion Ratio Lower Upper

248 100

250 183.2 78.6 117.8#

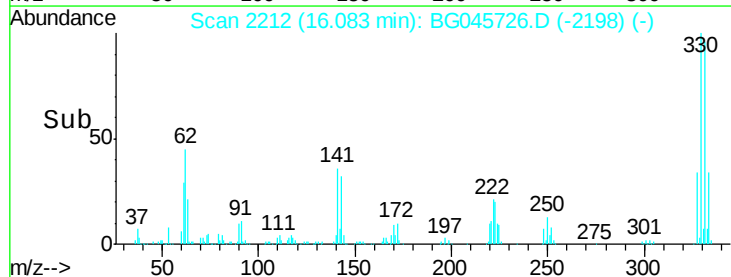
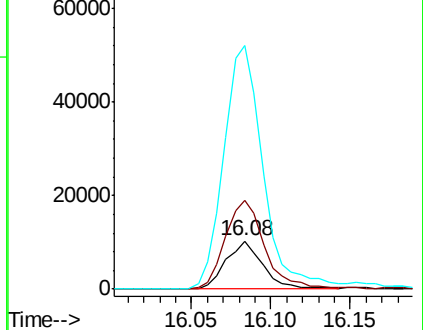
141 504.6 58.2 87.2#

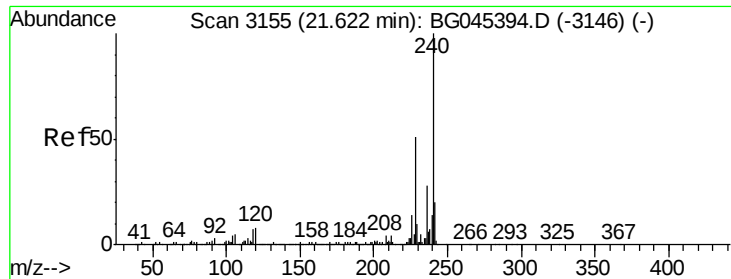


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

Instrument :

BNA_G

ClientSampled :

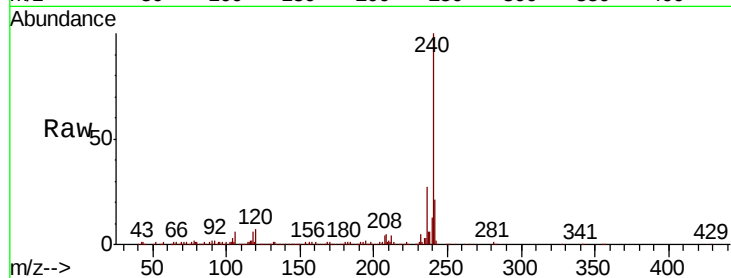
Tot Ion:240 Resp: 339213

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

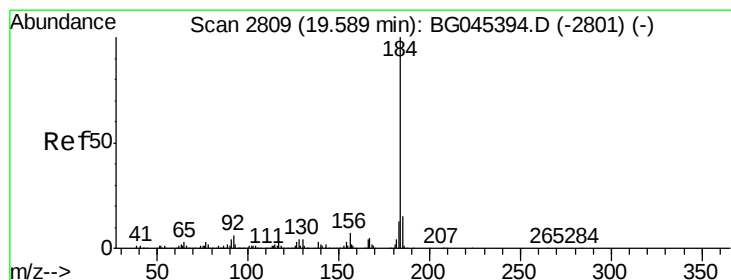
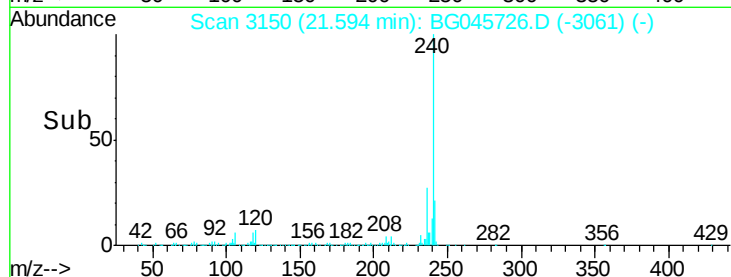
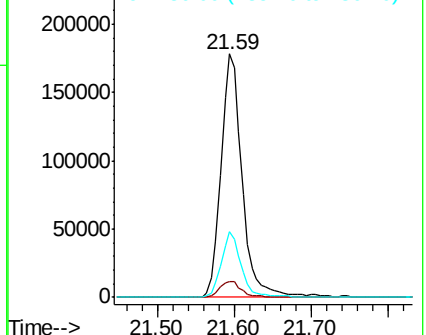
236 27.0 22.3 33.5



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: 3.152 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

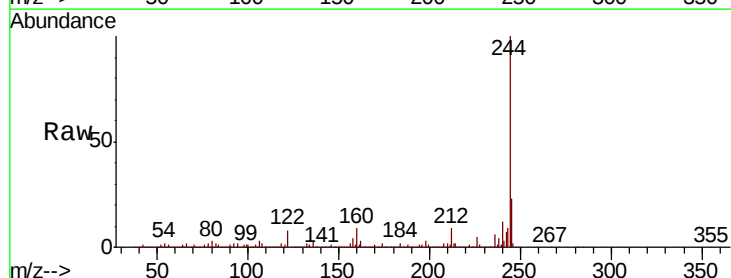
Tgt Ion:184 Resp: 30026

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

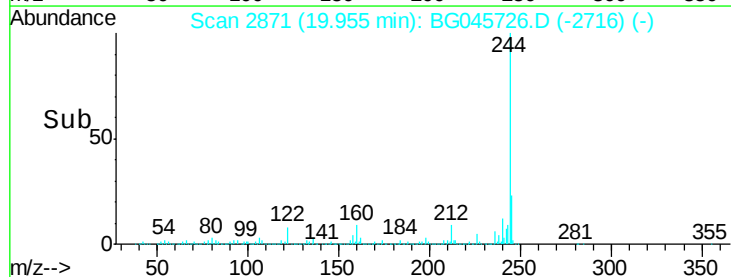
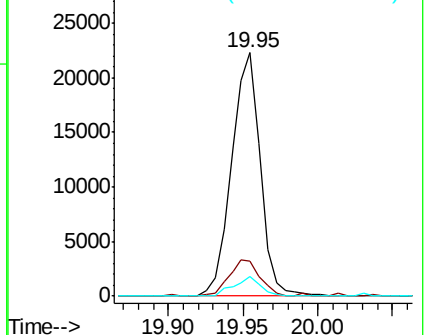
183 8.0 10.2 15.4#

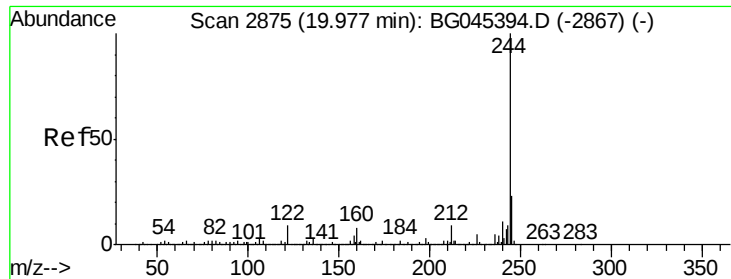


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 110.158 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

Instrument :

BNA_G

ClientSampled :

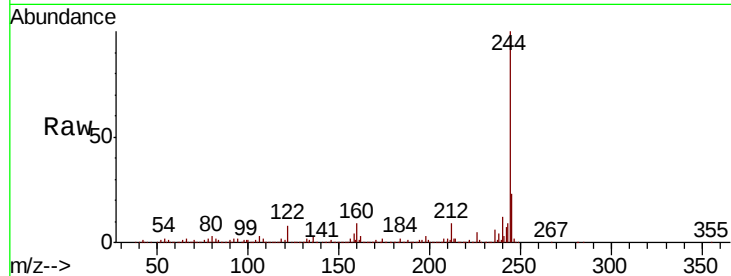
Tot Ion:244 Resp: 1602150

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

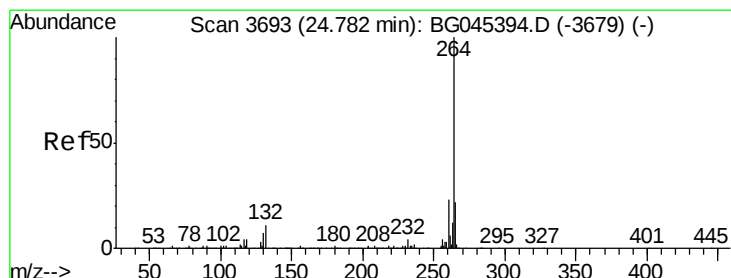
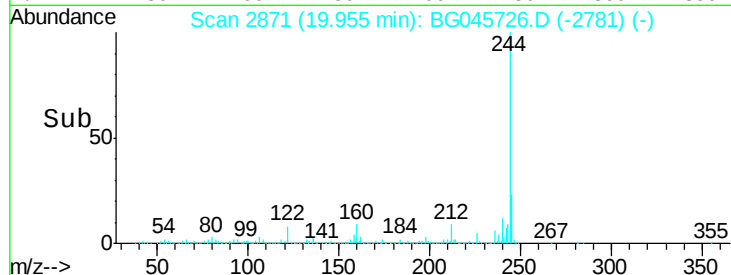
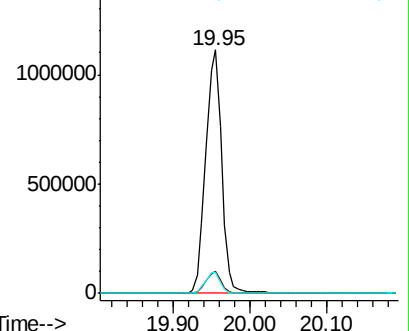
122 8.3 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045726.D

Acq: 11 Jun 2020 18:16

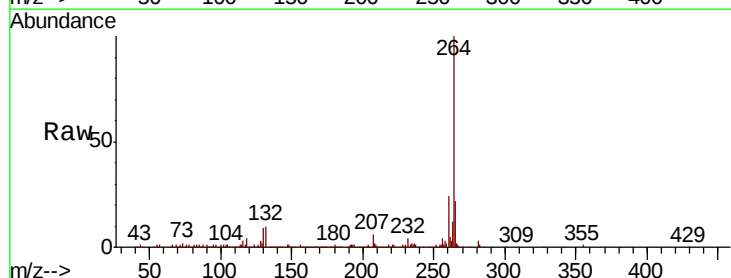
Tgt Ion:264 Resp: 343558

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.1 17.6 26.4



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

