

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045618.D
 Acq On : 5 Jun 2020 15:58
 Operator : CG/JU
 Sample : PB129329BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129329BL

Quant Time: Jun 05 17:54:37 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

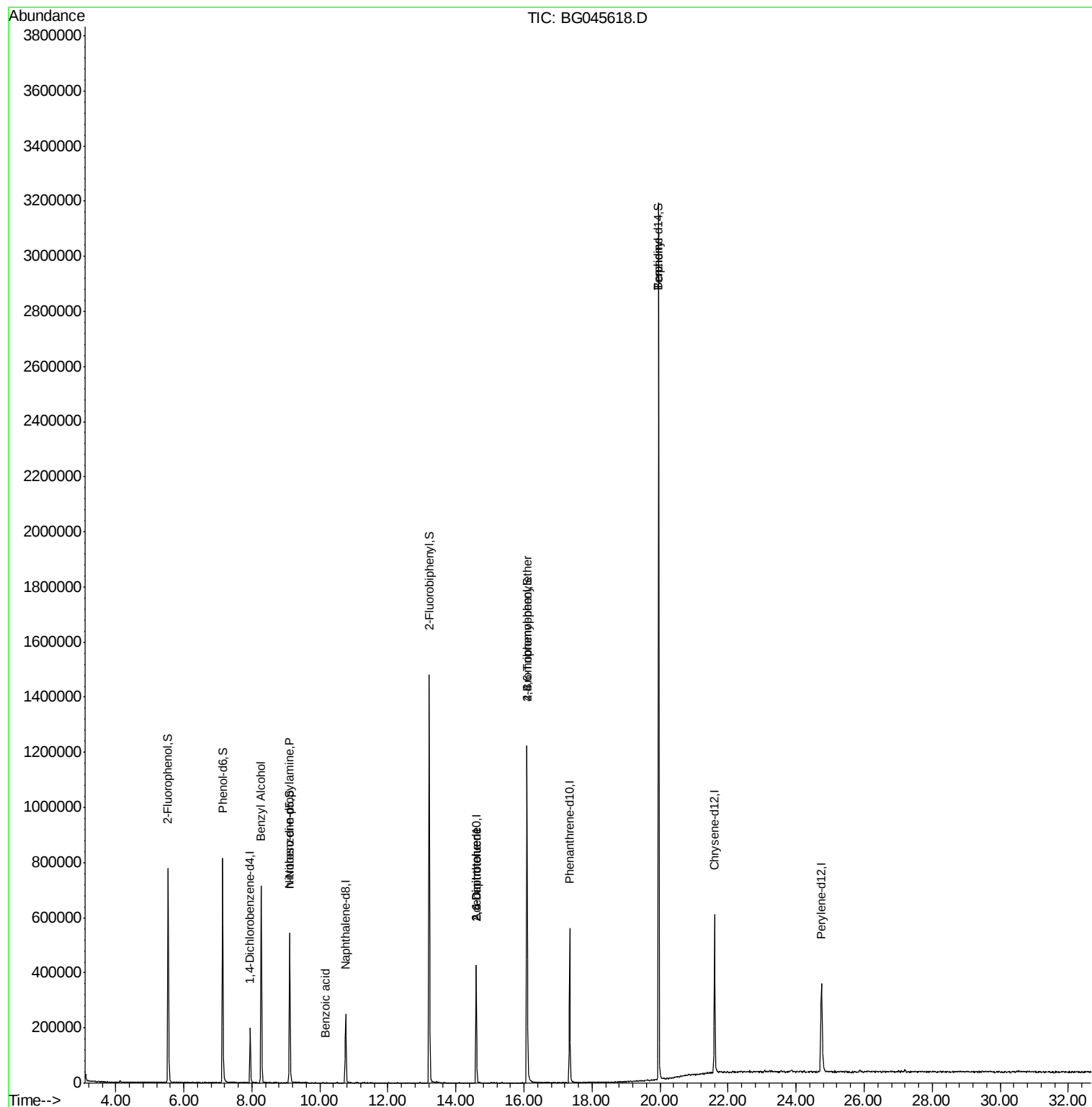
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57914	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	226738	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	159892	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	375790	20.00	ng	0.00
76) Chrysene-d12	21.60	240	382852	20.00	ng	0.00
87) Perylene-d12	24.74	264	399525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	398676	134.53	ng	0.00
7) Phenol-d6	7.14	99	546096	129.47	ng	0.00
23) Nitrobenzene-d5	9.11	82	376824	90.63	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	268901	131.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	862347	91.48	ng	0.00
79) Terphenyl-d14	19.96	244	1587322	96.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	7147	2.051	ng	# 65
19) n-Nitroso-di-n-propylamine	9.11	70	49834	17.086	ng	# 81
32) Benzoic acid	10.16	122	54	10.045	ng	# 1
51) 2,6-Dinitrotoluene	14.59	165	20679	8.355	ng	# 22
57) 2,4-Dinitrotoluene	14.59	165	20679	5.769	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	18722	4.601	ng	# 1
77) Benzidine	19.96	184	28634	2.663	ng	# 88

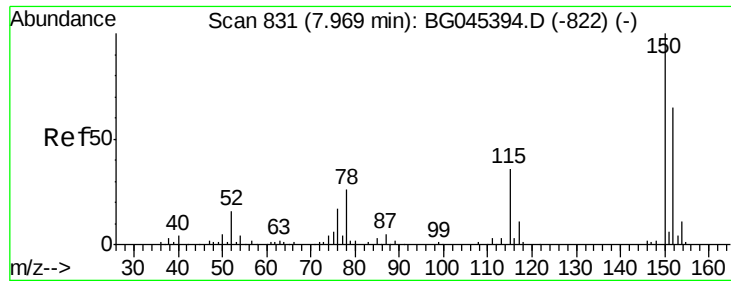
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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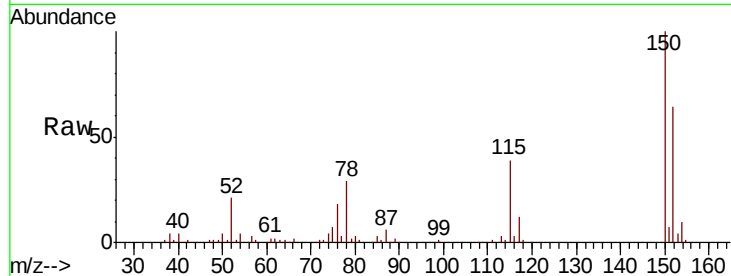


#1

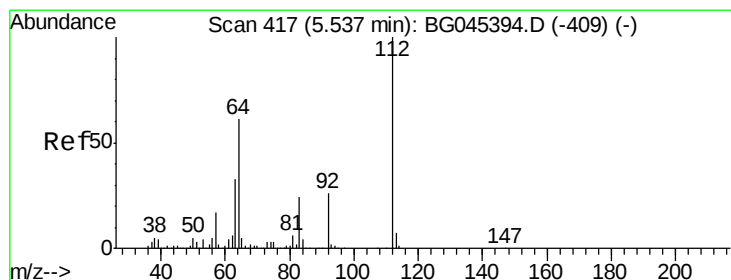
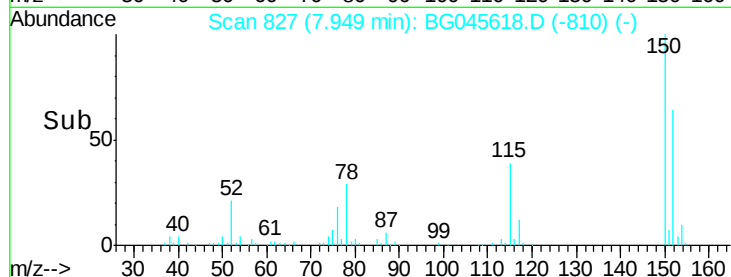
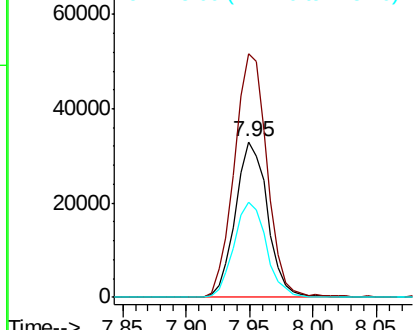
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045618.D
 Acq: 5 Jun 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129329BL

Tot Ion:152 Resp: 57914
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.4 183.6
 115 61.3 44.2 66.4



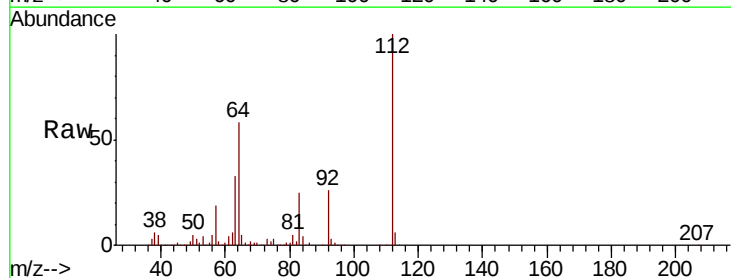
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



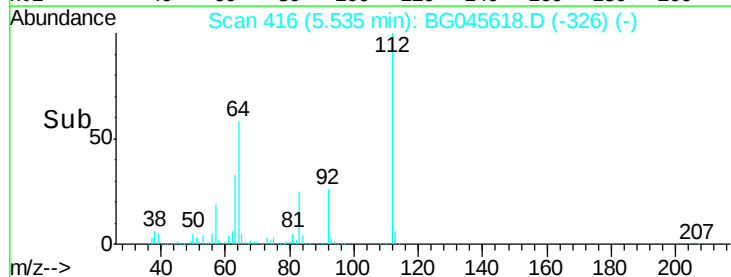
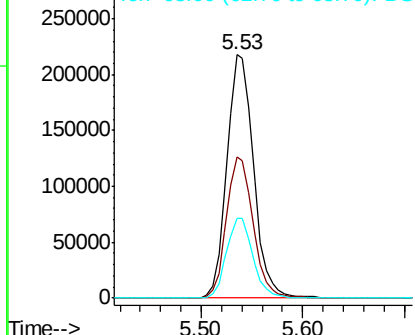
#5

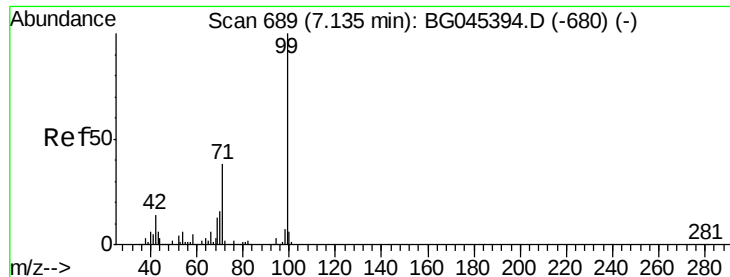
2-Fluorophenol
 Concen: 134.532 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BG045618.D
 Acq: 5 Jun 2020 15:58

Tgt Ion:112 Resp: 398676
 Ion Ratio Lower Upper
 112 100
 64 57.9 48.6 72.8
 63 33.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.473 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045618.D

Acq: 5 Jun 2020 15:58

Instrument :

BNA_G

ClientSampleId :

PB129329BL

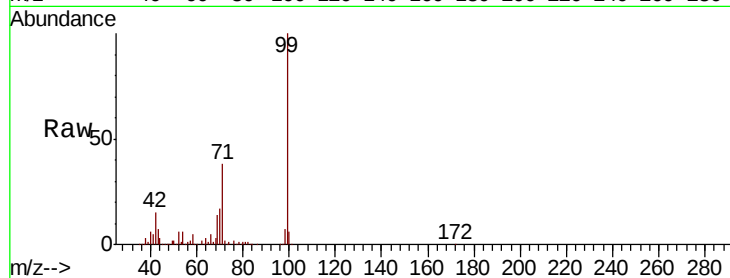
Tot Ion: 99 Resp: 546096

Ion Ratio Lower Upper

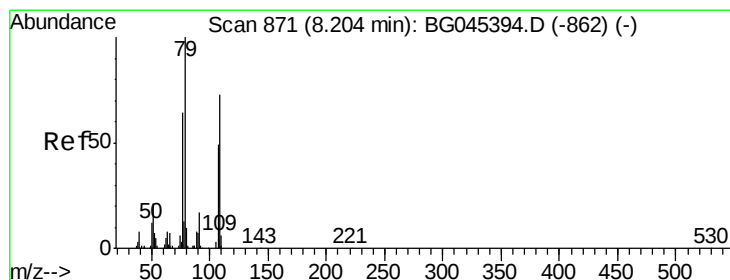
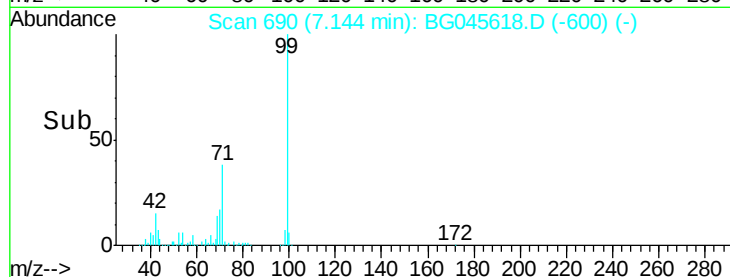
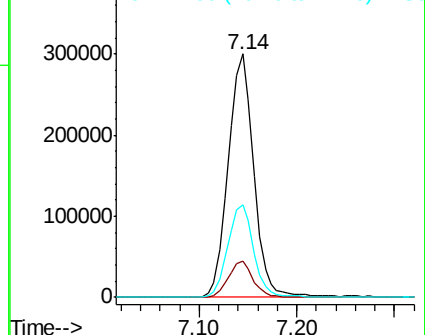
99 100

42 14.9 11.3 16.9

71 37.8 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: 2.051 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045618.D

Acq: 5 Jun 2020 15:58

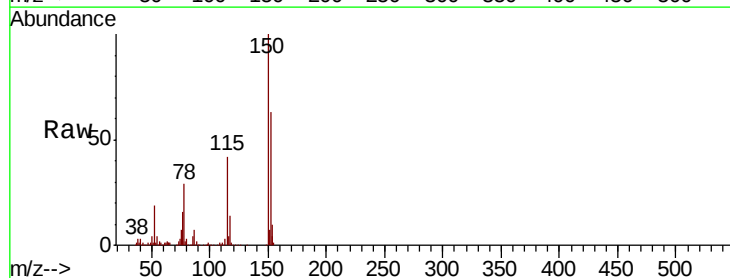
Tgt Ion: 79 Resp: 7147

Ion Ratio Lower Upper

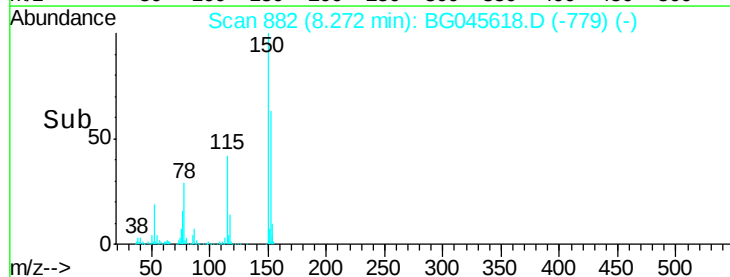
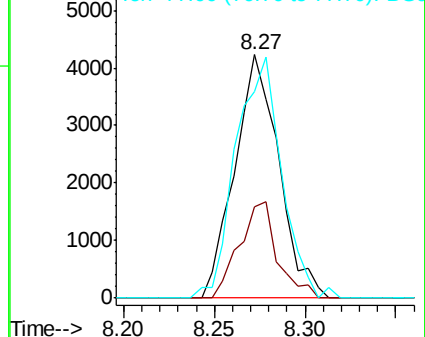
79 100

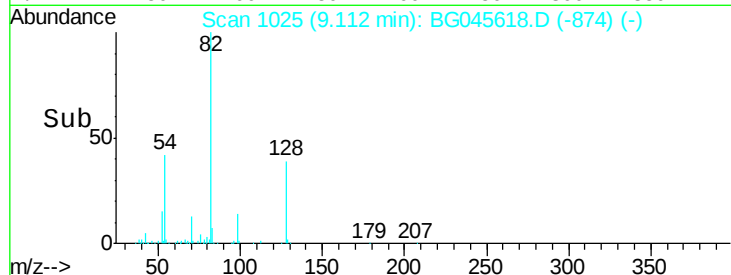
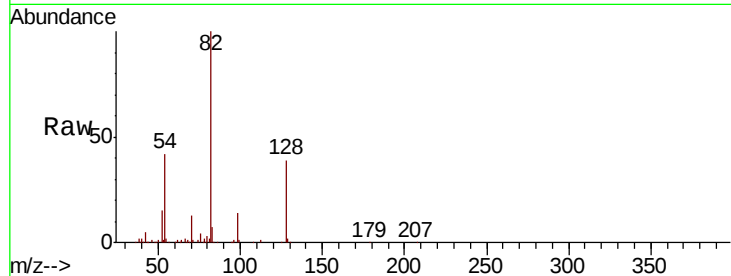
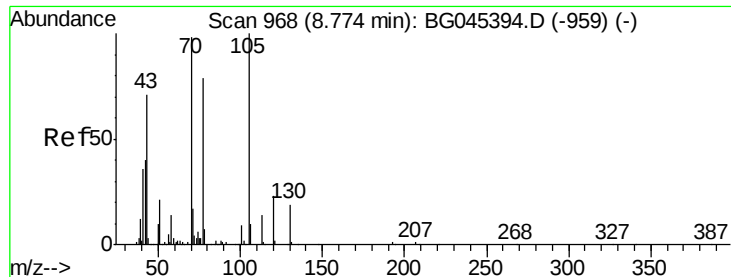
108 37.7 58.2 87.4#

77 84.9 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

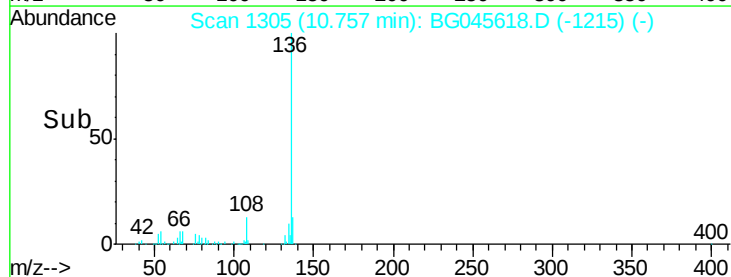
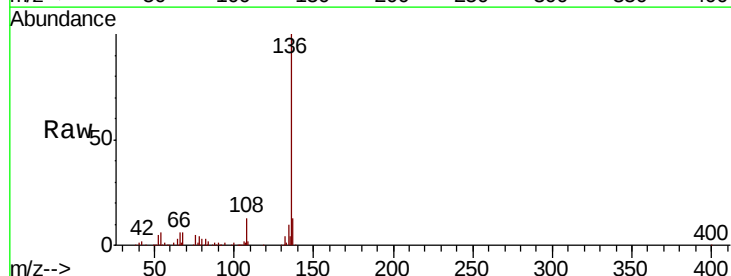
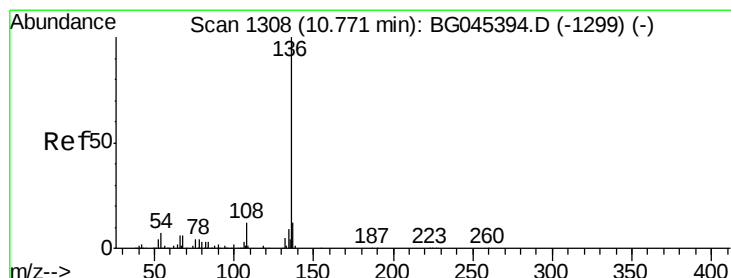
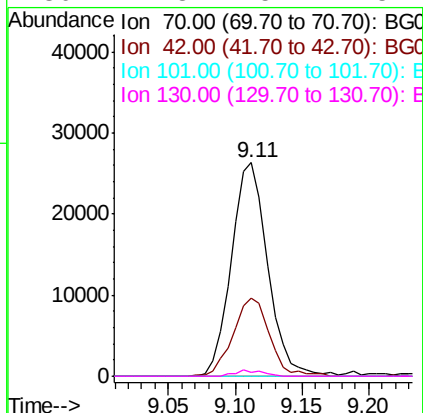




#19
n-Nitroso-di-n-propylamine
Concen: 17.086 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

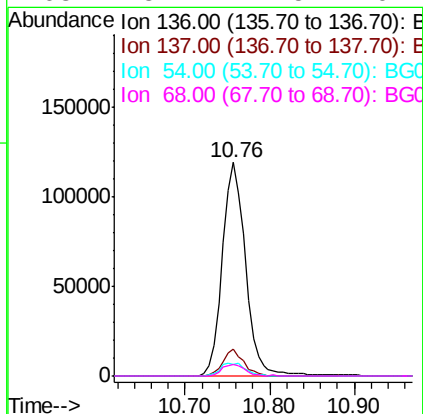
Instrument :
BNA_G
ClientSampleId :
PB129329BL

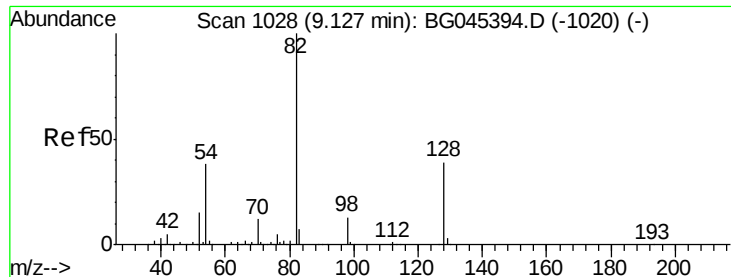
Tot Ion	Ratio	Lower	Upper
70	100		
42	36.8	33.2	49.8
101	0.0	7.8	11.6#
130	1.8	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.4	14.2
54	5.6	5.8	8.6#
68	5.7	4.5	6.7

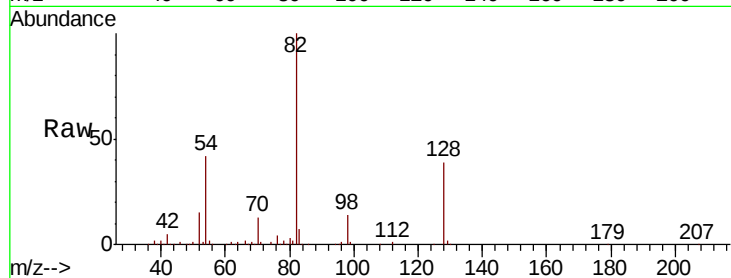




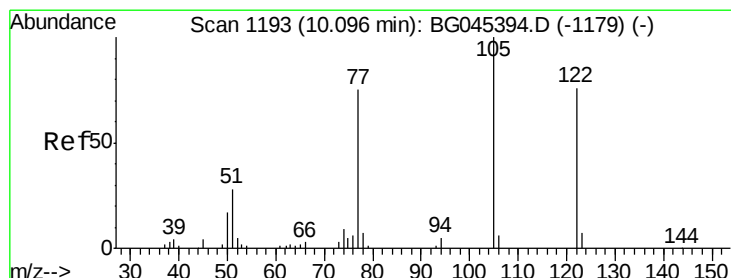
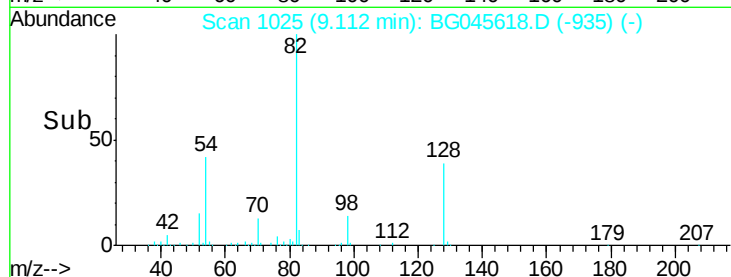
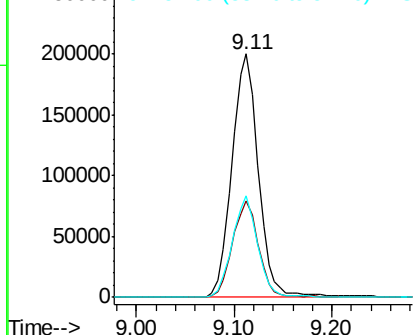
#23
Nitrobenzene-d5
Concen: 90.628 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

Instrument :
BNA_G
ClientSampleId :
PB129329BL

Tot Ion: 82 Resp: 376824
Ion Ratio Lower Upper
82 100
128 39.4 30.9 46.3
54 41.8 30.3 45.5

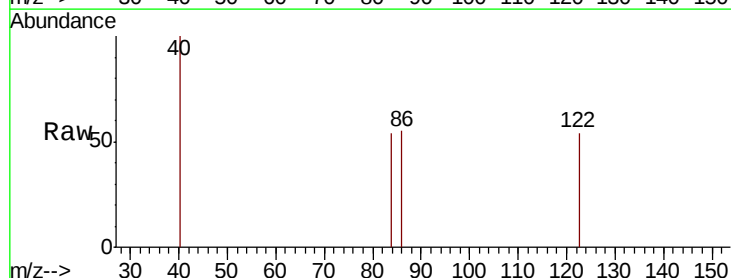


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

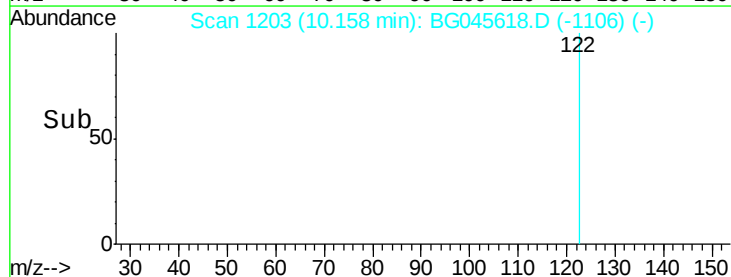
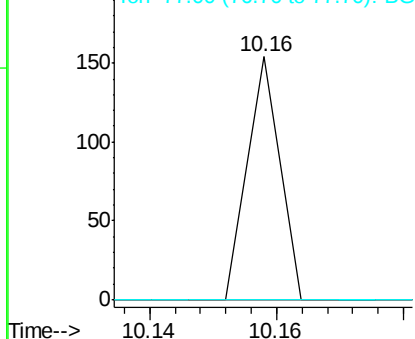


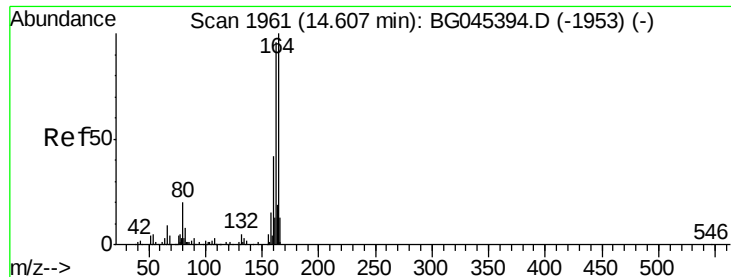
#32
Benzoic acid
Concen: 10.045 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.04 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045618.D

Acq: 5 Jun 2020 15:58

Instrument :

BNA_G

ClientSampleId :

PB129329BL

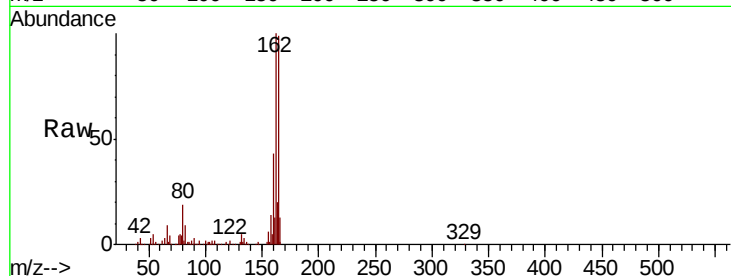
Tot Ion:164 Resp: 159892

Ion Ratio Lower Upper

164 100

162 100.7 76.9 115.3

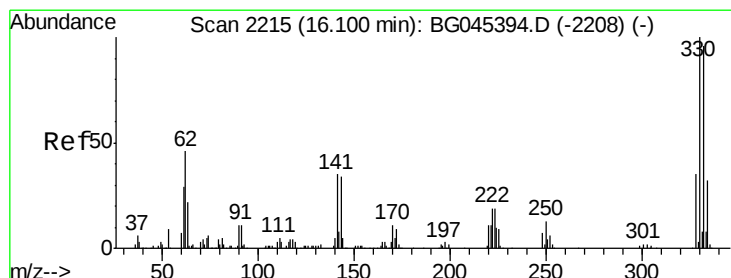
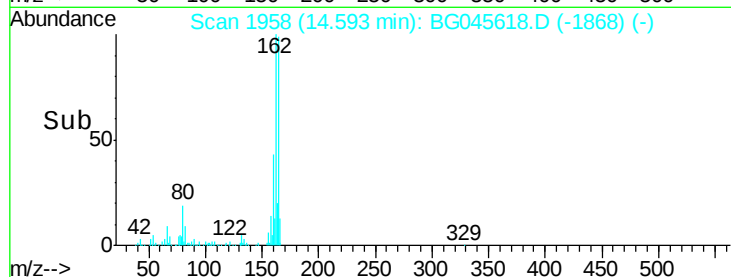
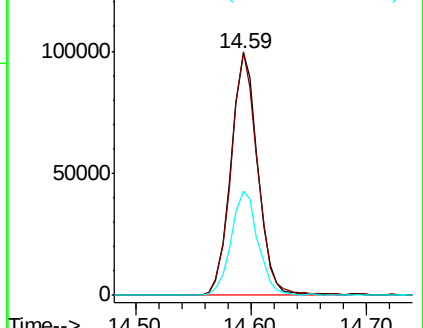
160 43.2 33.8 50.8



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: 131.502 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045618.D

Acq: 5 Jun 2020 15:58

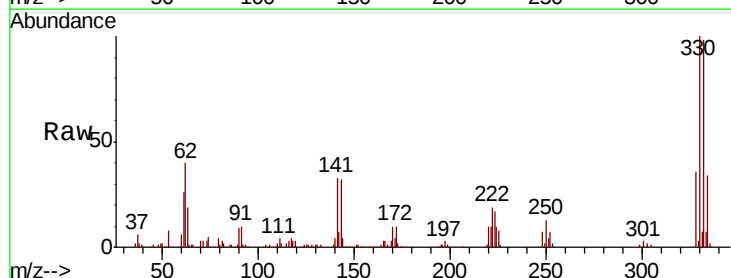
Tgt Ion:330 Resp: 268901

Ion Ratio Lower Upper

330 100

332 100.0 78.2 117.4

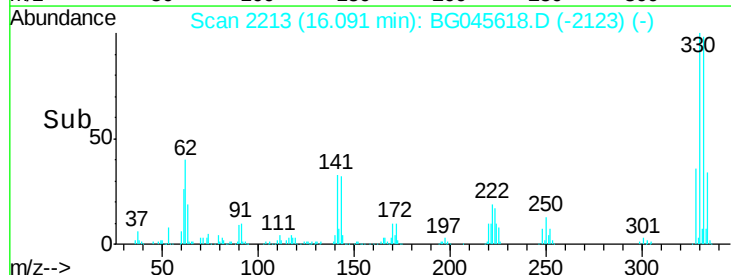
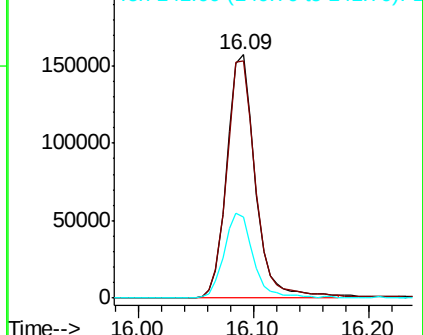
141 35.7 28.2 42.4

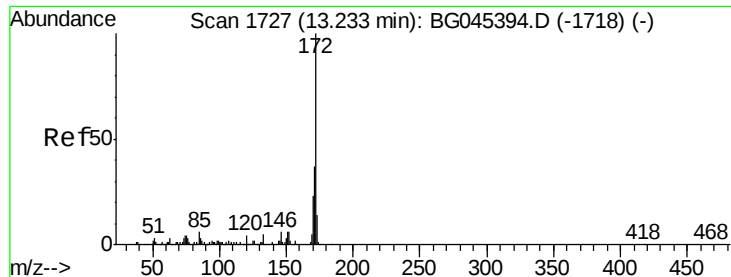


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

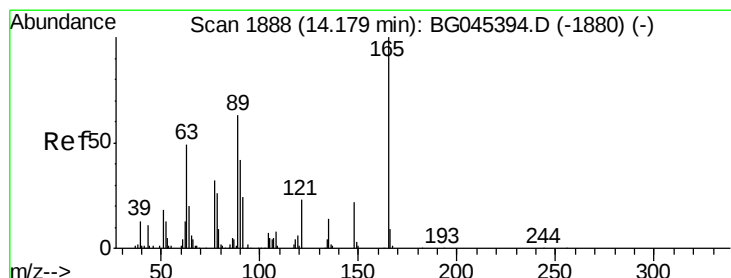
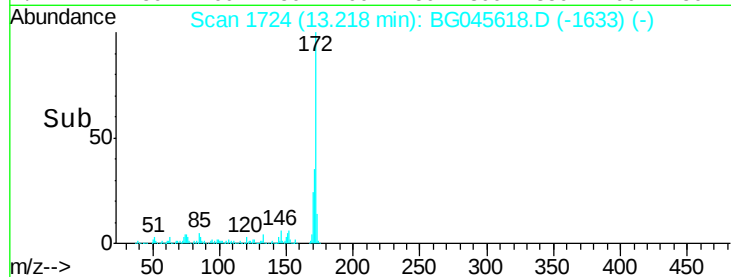
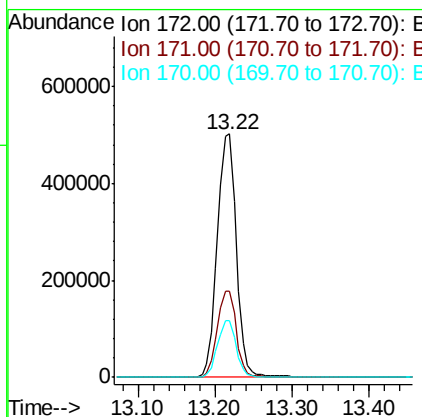
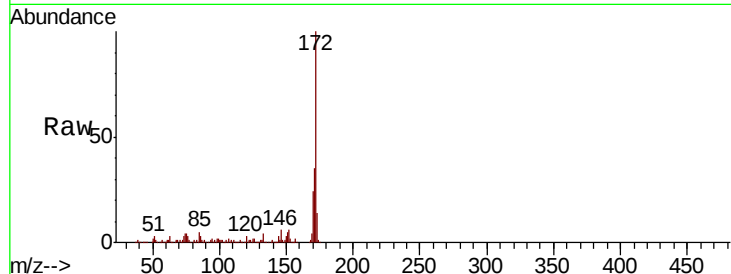




#45
 2-Fluorobiphenyl
 Concen: 91.482 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045618.D
 Acq: 5 Jun 2020 15:58

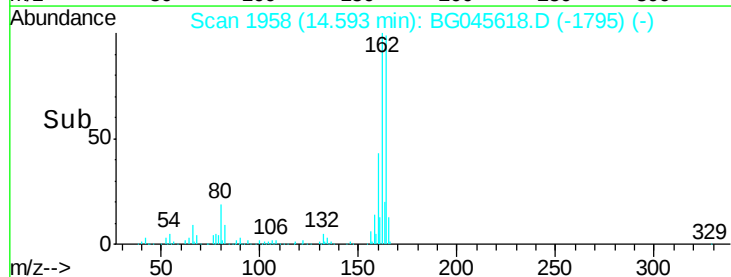
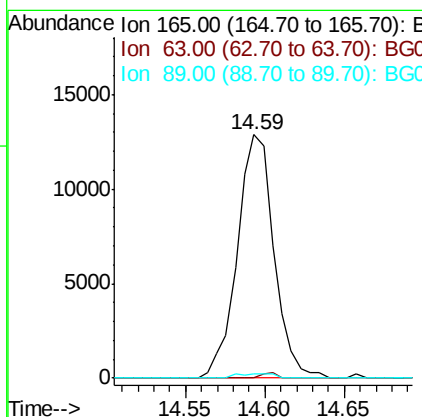
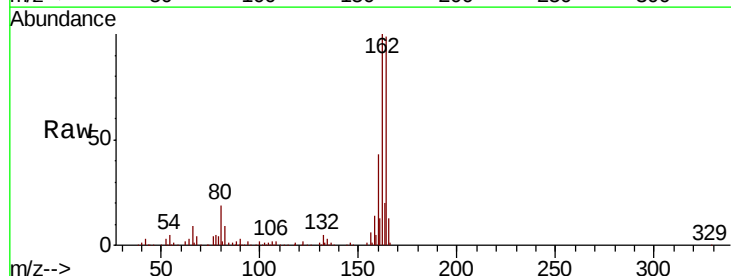
Instrument :
 BNA_G
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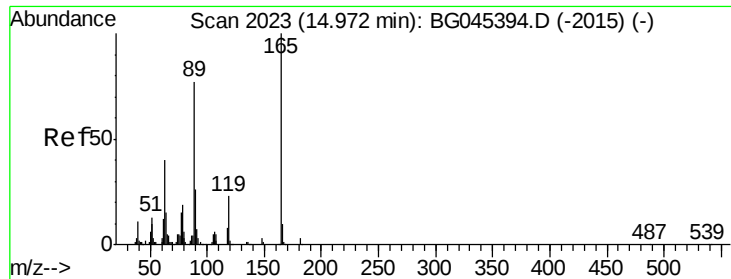
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	23.5	18.5	27.7



#51
 2,6-Dinitrotoluene
 Concen: 8.355 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. 0.43 min
 Lab File: BG045618.D
 Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.4#
89	1.8	50.2	75.4#

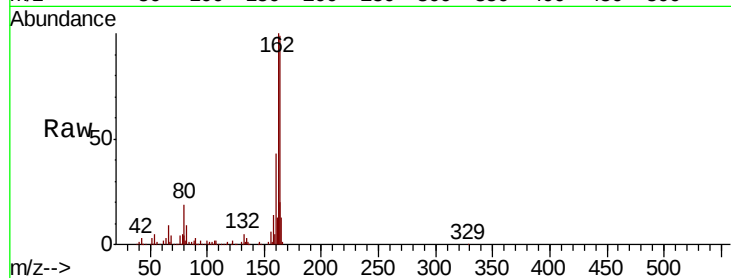




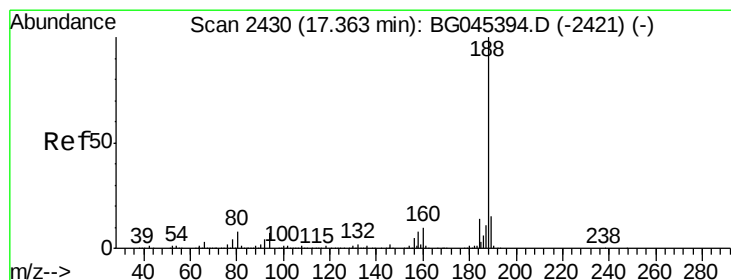
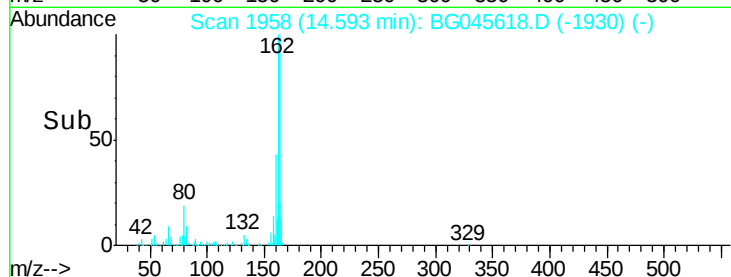
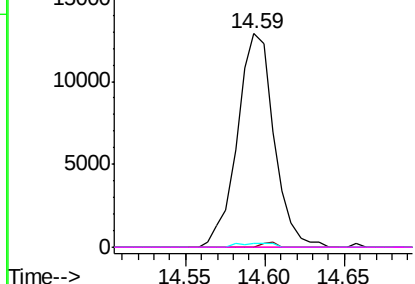
#57
2,4-Dinitrotoluene
Concen: 5.769 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

Instrument :
BNA_G
ClientSampleId :
PB129329BL

Tot Ion:165 Resp: 20679
Ion Ratio Lower Upper
165 100
63 0.0 32.5 48.7#
89 1.8 61.8 92.6#
182 0.0 2.3 3.5#

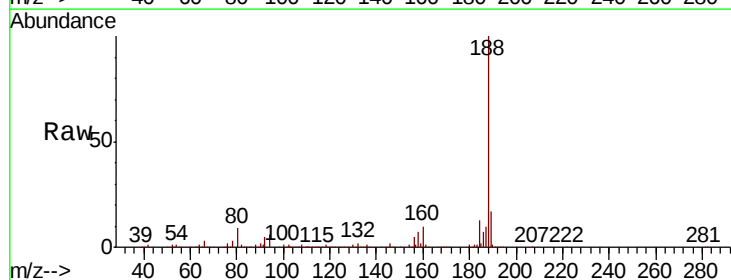


Abundance Ion 165.00 (164.70 to 165.70): E
20000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

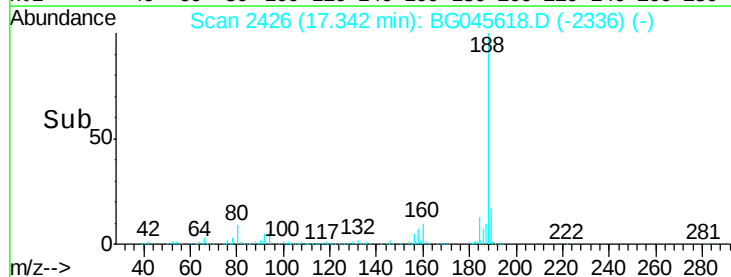
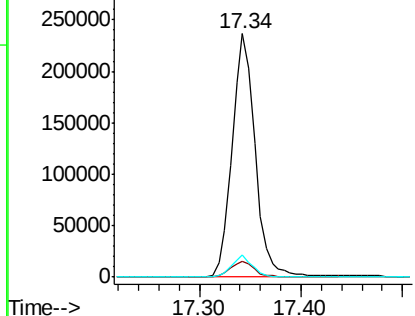


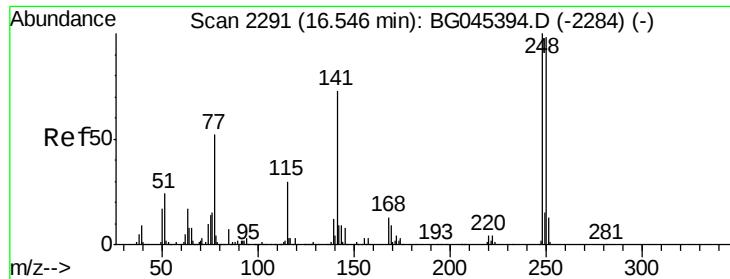
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

Tgt Ion:188 Resp: 375790
Ion Ratio Lower Upper
188 100
94 6.5 5.5 8.3
80 8.9 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E
300000
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

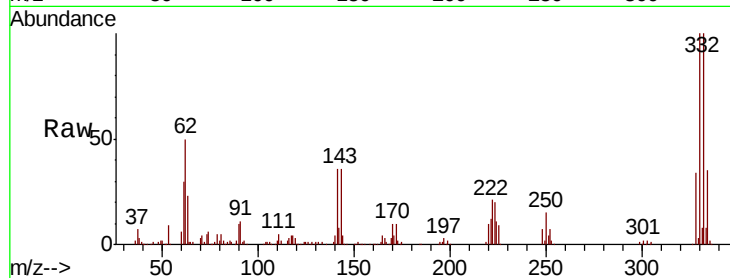




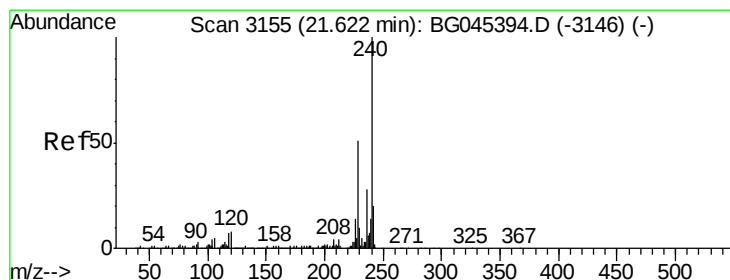
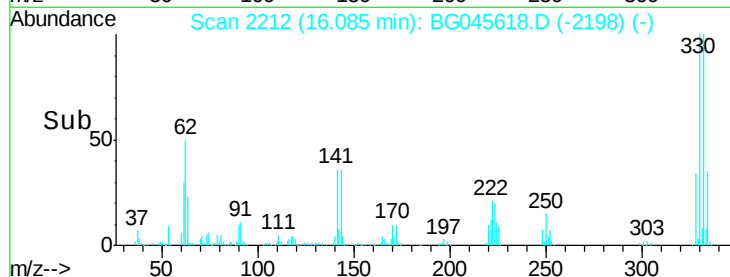
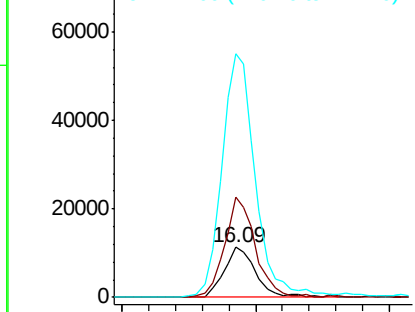
#67
4-Bromophenyl-phenylether
Concen: 4.601 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

Instrument :
BNA_G
ClientSampleId :
PB129329BL

Tot Ion:248 Resp: 18722
Ion Ratio Lower Upper
248 100
250 199.6 78.6 117.8#
141 484.7 58.2 87.2#

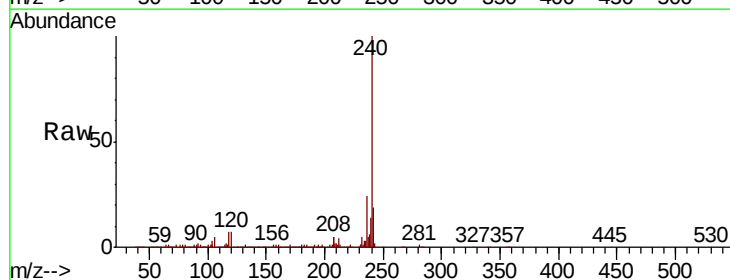


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

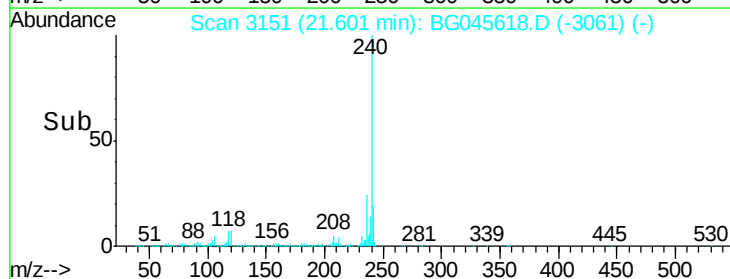
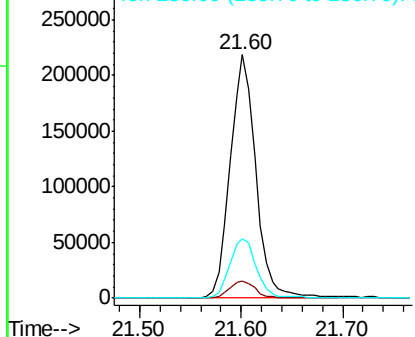


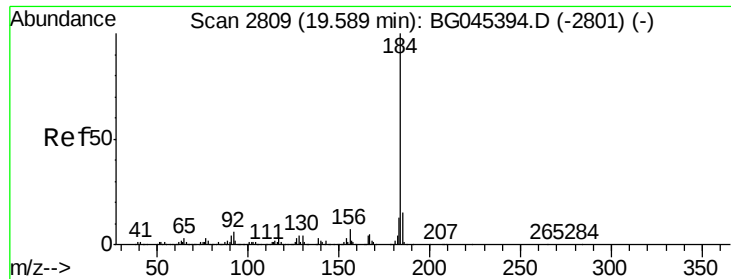
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045618.D
Acq: 5 Jun 2020 15:58

Tgt Ion:240 Resp: 382852
Ion Ratio Lower Upper
240 100
120 7.2 6.1 9.1
236 24.5 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: 2.663 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045618.D

Acq: 5 Jun 2020 15:58

Instrument :

BNA_G

ClientSampleId :

PB129329BL

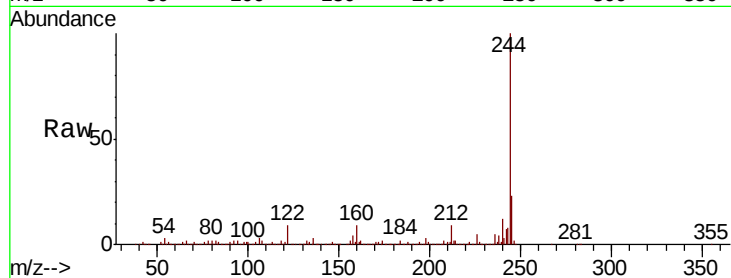
Tot Ion:184 Resp: 28634

Ion Ratio Lower Upper

184 100

185 18.0 11.7 17.5#

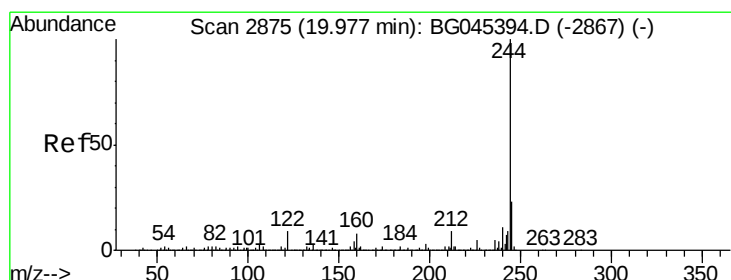
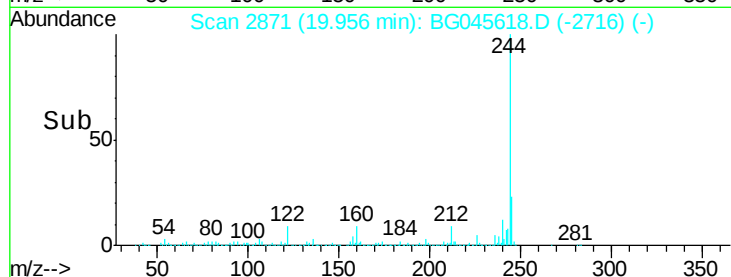
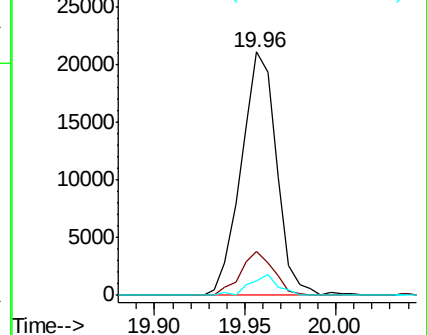
183 6.2 10.2 15.4#



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: 96.698 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045618.D

Acq: 5 Jun 2020 15:58

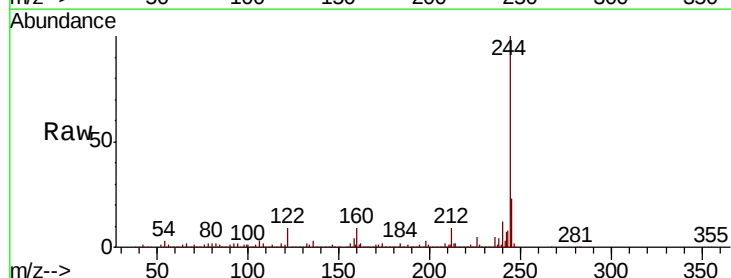
Tgt Ion:244 Resp: 1587322

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

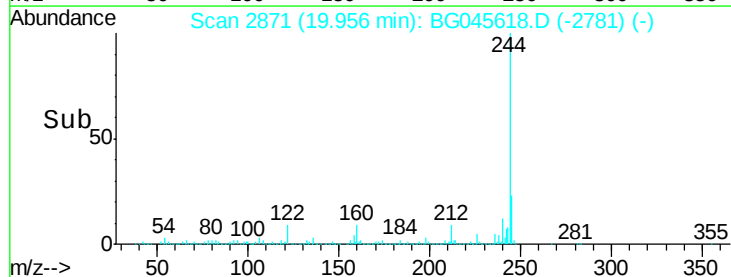
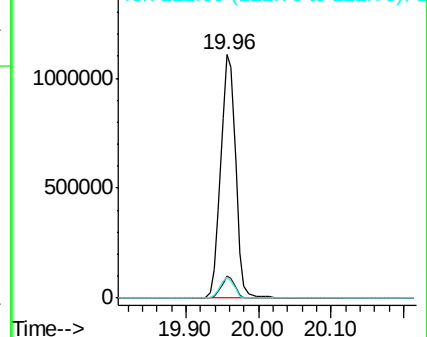
122 8.6 6.8 10.2

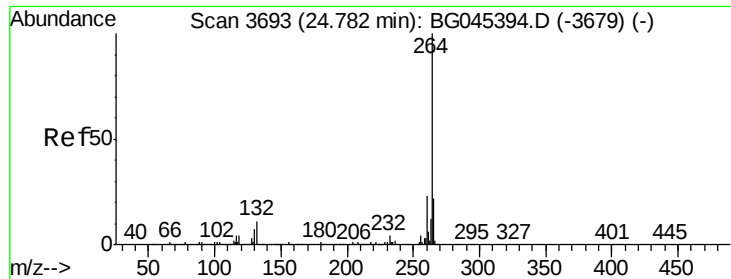


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045618.D
 Acq: 5 Jun 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129329BL

Tot Ion:	264	Resp:	399525
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.6	17.6	26.4

