

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045632.D
 Acq On : 6 Jun 2020 2:59
 Operator : CG/JU
 Sample : PB129334BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129334BL

Quant Time: Jun 06 04:45:15 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

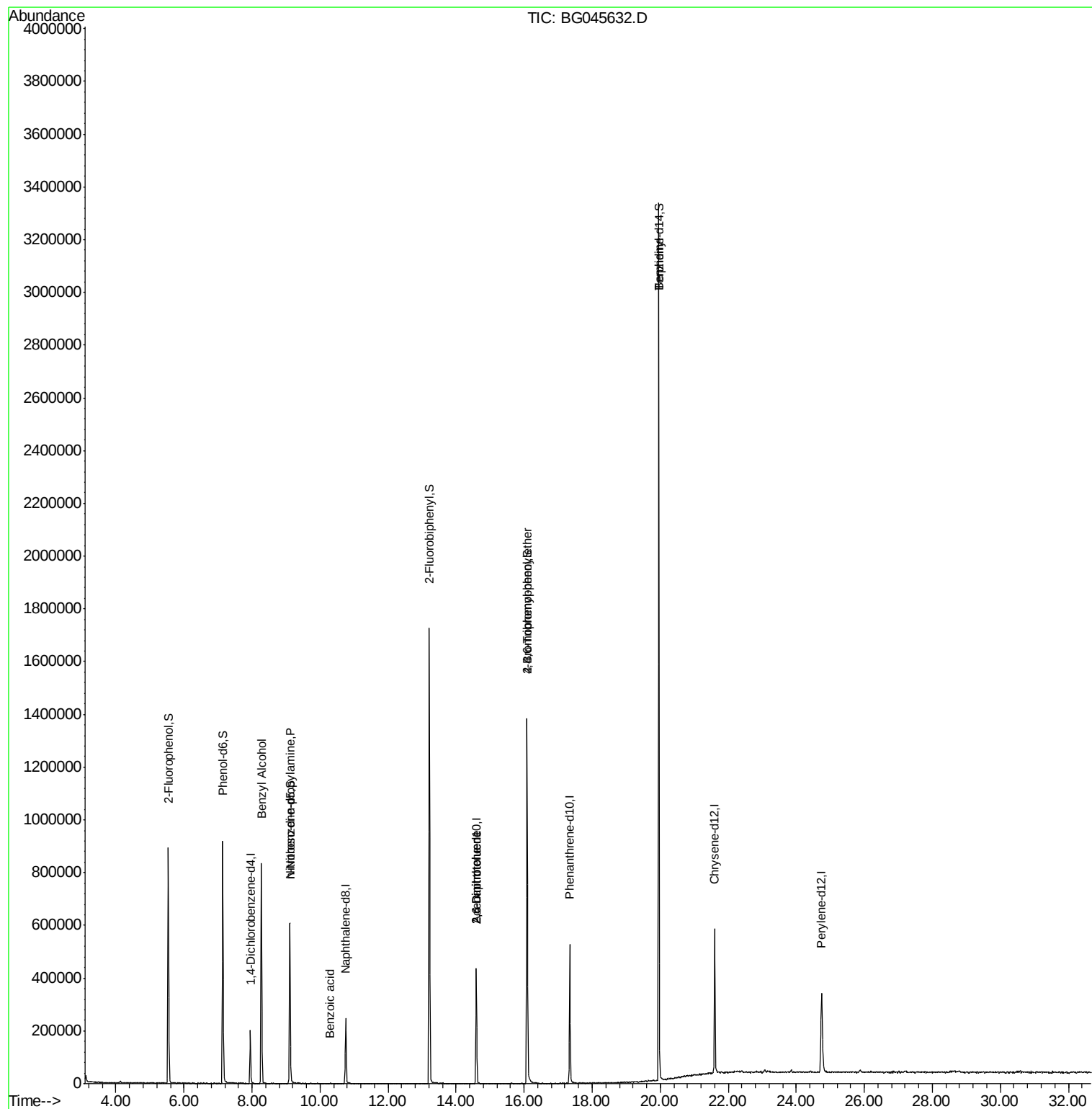
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60656	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	233139	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164611	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	367342	20.00	ng	0.00
76) Chrysene-d12	21.60	240	372200	20.00	ng	0.00
87) Perylene-d12	24.75	264	386444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	444238	143.13	ng	0.00
7) Phenol-d6	7.14	99	617850	139.86	ng	0.00
23) Nitrobenzene-d5	9.11	82	428603	100.25	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	300838	142.90	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	964491	99.38	ng	0.00
79) Terphenyl-d14	19.96	244	1688953	105.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	7359	2.017	ng	# 54
19) n-Nitroso-di-n-propylamine	9.11	70	57553	18.840	ng	# 81
32) Benzoic acid	10.28	122	75	10.052	ng	# 1
51) 2,6-Dinitrotoluene	14.59	165	21674	8.506	ng	# 22
57) 2,4-Dinitrotoluene	14.59	165	21674	5.873	ng	# 21
67) 4-Bromophenyl-phenylether	16.09	248	19905	5.004	ng	# 1
77) Benzidine	19.96	184	32066	3.068	ng	# 84

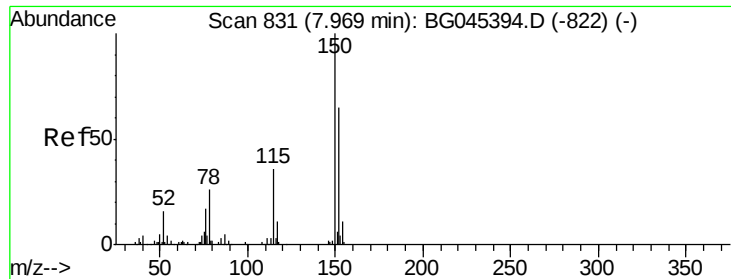
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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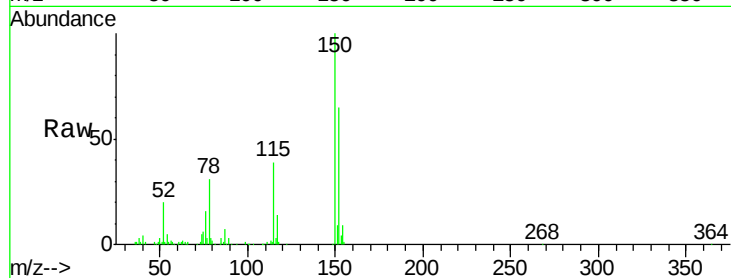


#1

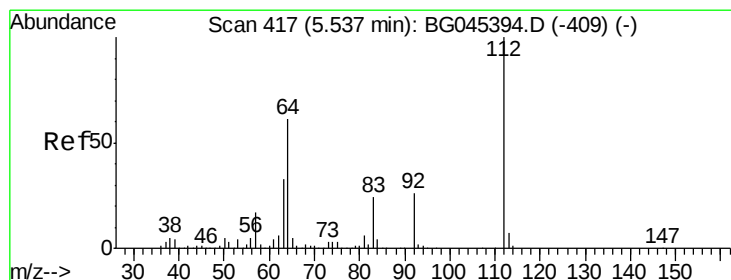
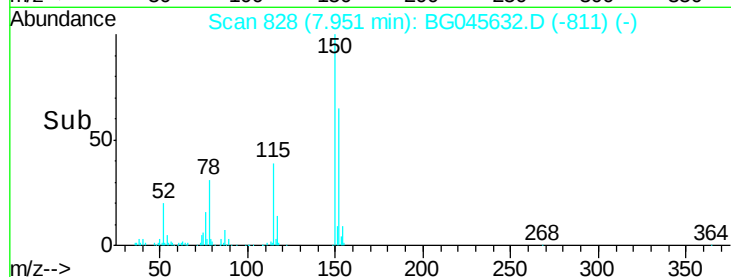
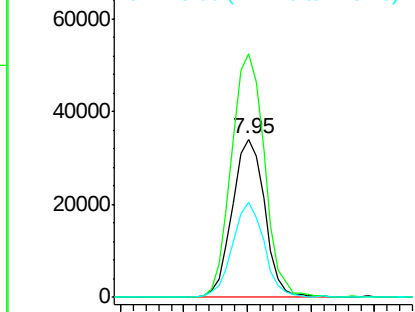
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tot Ion:152 Resp: 60656
Ion Ratio Lower Upper
152 100
150 153.6 122.4 183.6
115 60.2 44.2 66.4



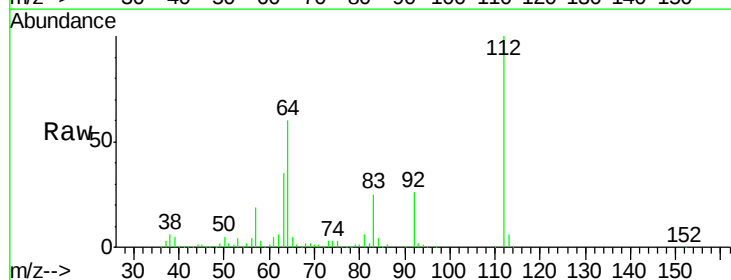
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



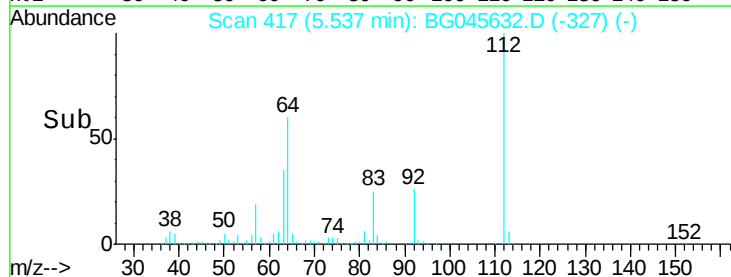
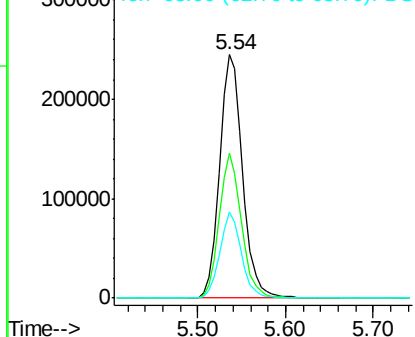
#5

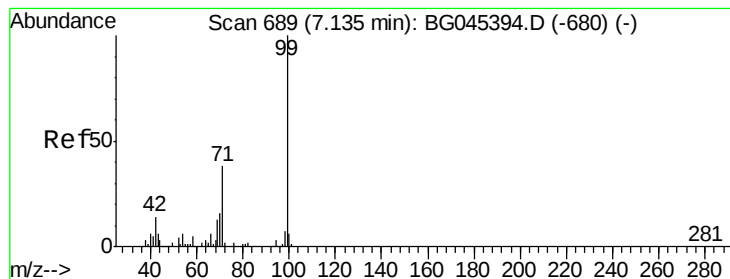
2-Fluorophenol
Concen: 143.131 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:112 Resp: 444238
Ion Ratio Lower Upper
112 100
64 59.5 48.6 72.8
63 35.4 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: 139.863 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

Instrument :

BNA_G

ClientSampleId :

PB129334BL

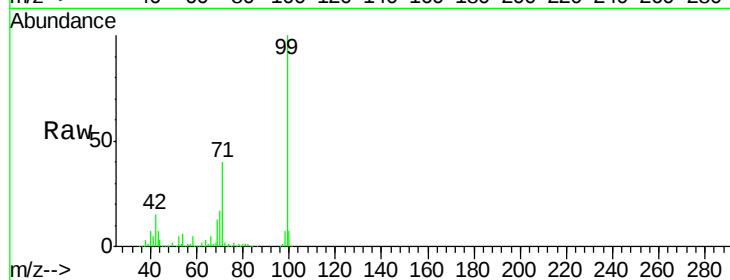
Tot Ion: 99 Resp: 617850

Ion Ratio Lower Upper

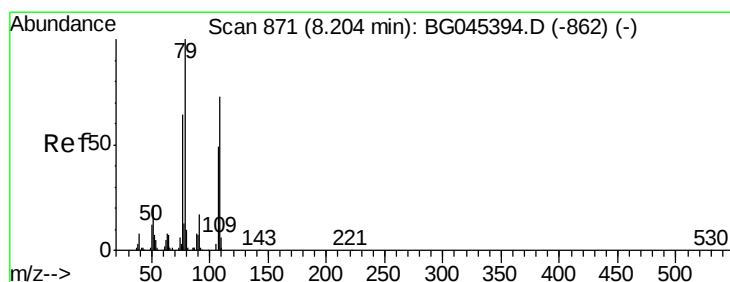
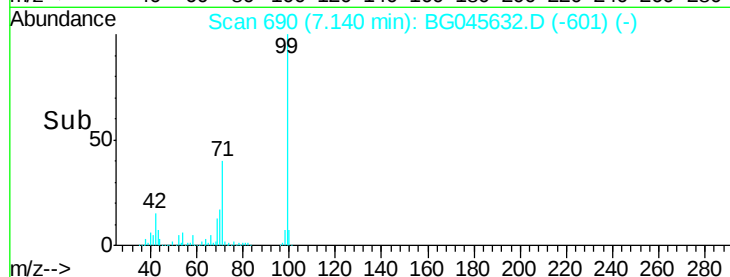
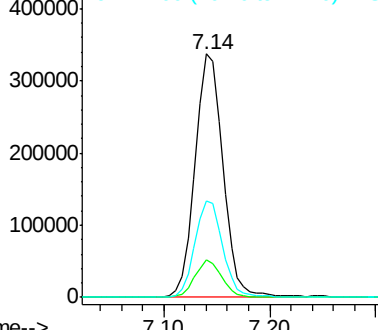
99 100

42 15.2 11.3 16.9

71 39.5 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: 2.017 ng

RT: 8.27 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

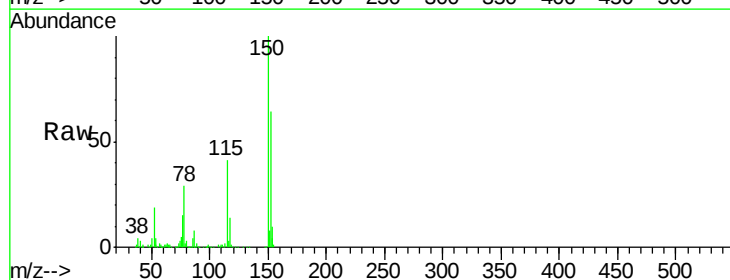
Tgt Ion: 79 Resp: 7359

Ion Ratio Lower Upper

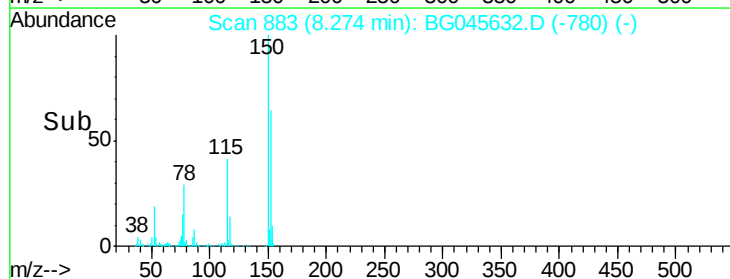
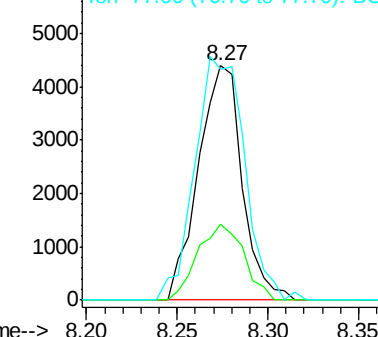
79 100

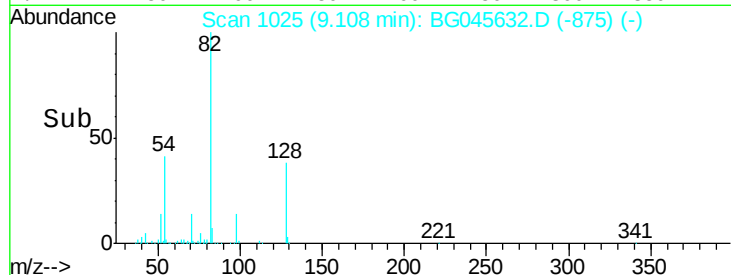
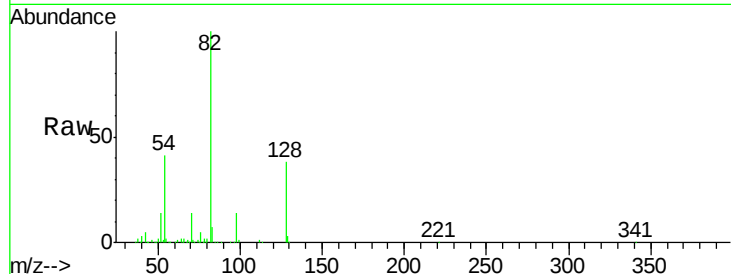
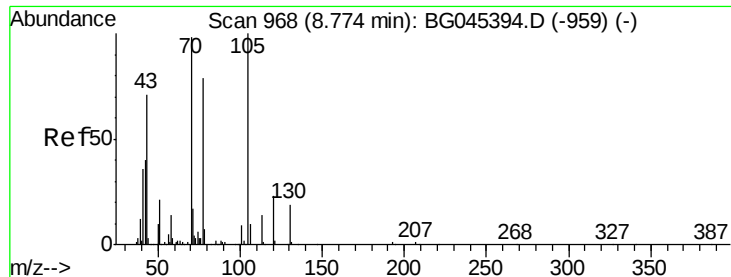
108 32.7 58.2 87.4#

77 98.7 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

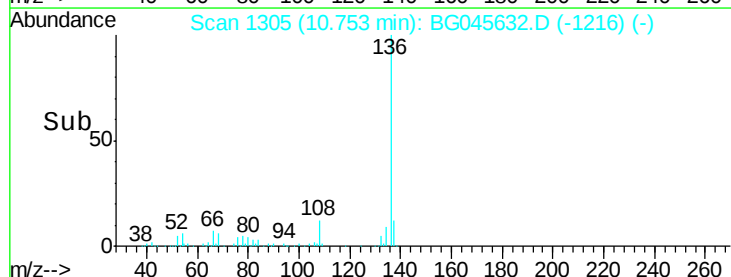
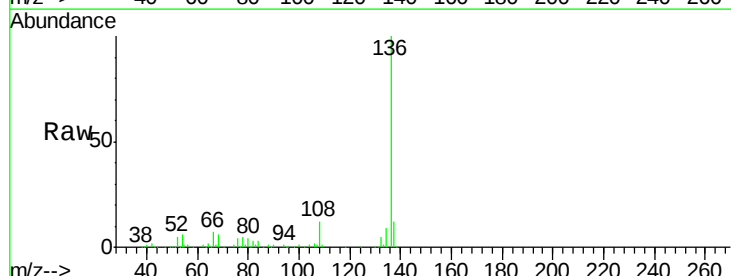
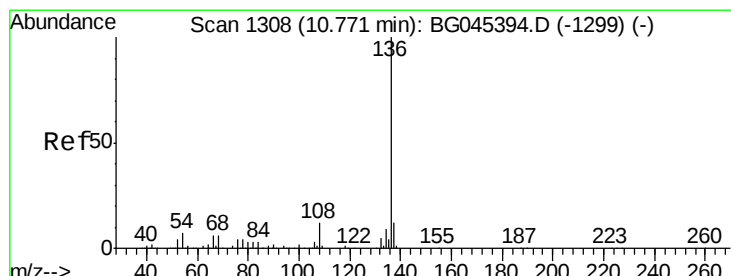
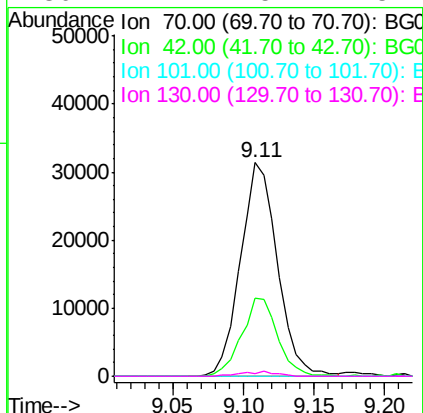




#19
n-Nitroso-di-n-propylamine
Concen: 18.840 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

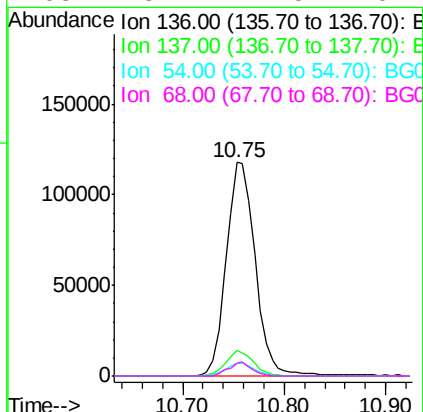
Instrument :
BNA_G
ClientSampleId :
PB129334BL

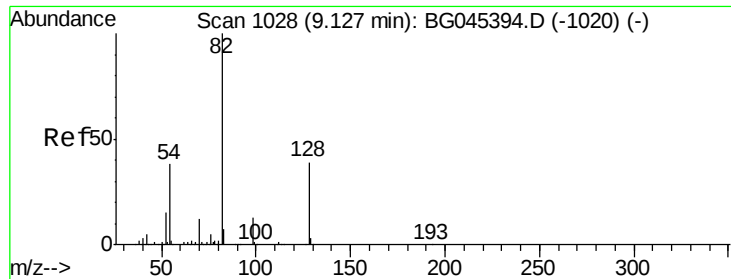
Tot Ion:	70	Resp:	57553
Ion	Ratio	Lower	Upper
70	100		
42	36.4	33.2	49.8
101	0.0	7.8	11.6#
130	1.1	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:	136	Resp:	233139
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.2
54	5.8	5.8	8.6
68	5.7	4.5	6.7

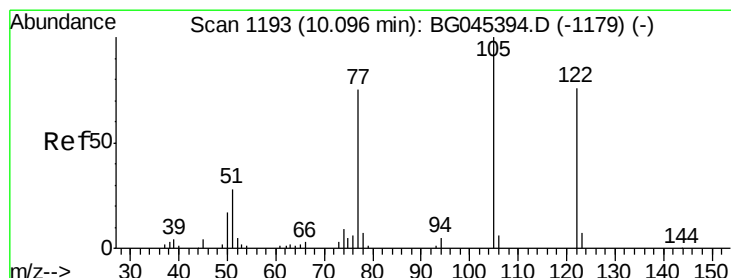
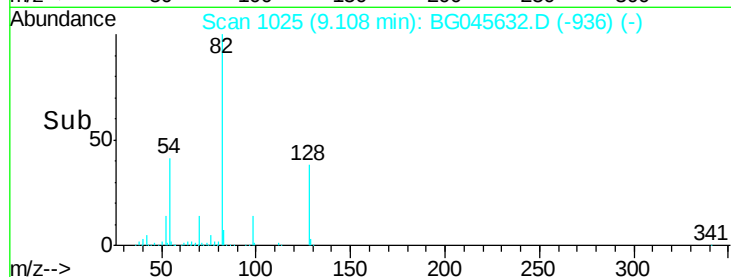
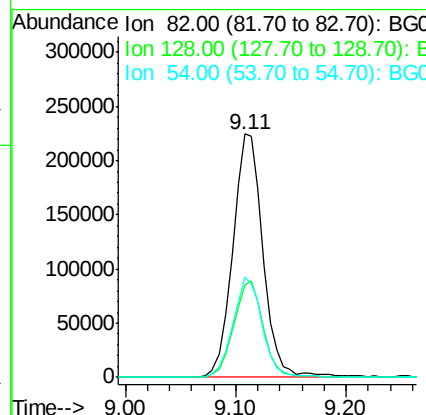
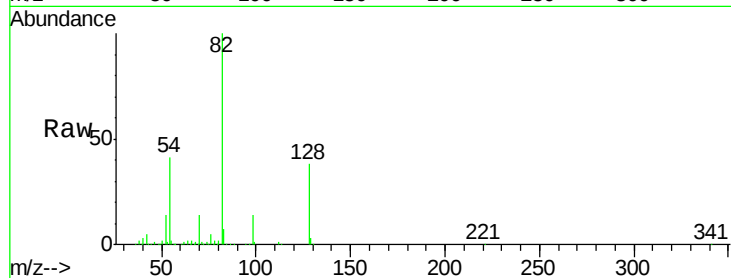




#23
 Nitrobenzene-d5
 Concen: 100.251 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

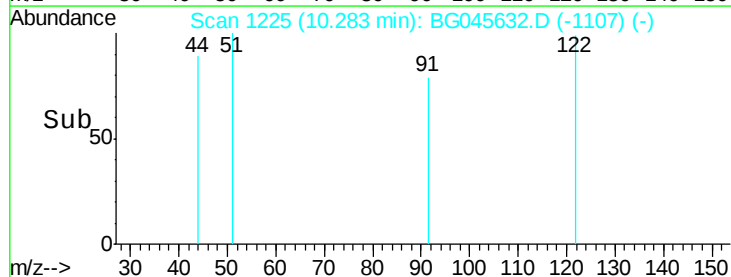
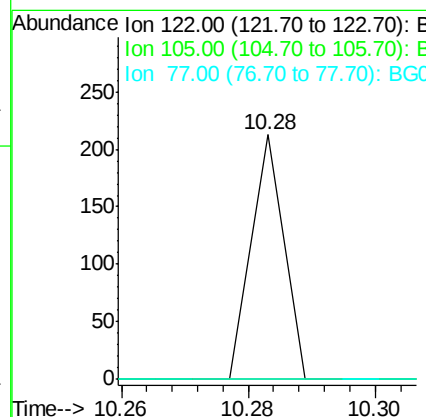
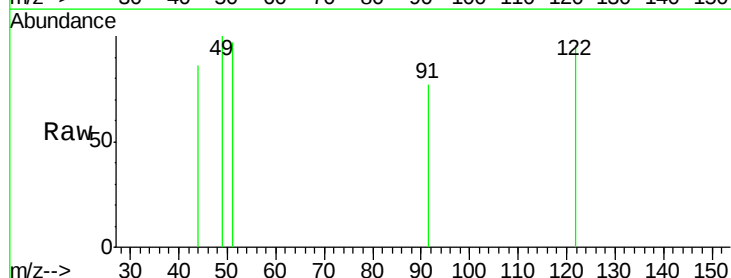
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BL

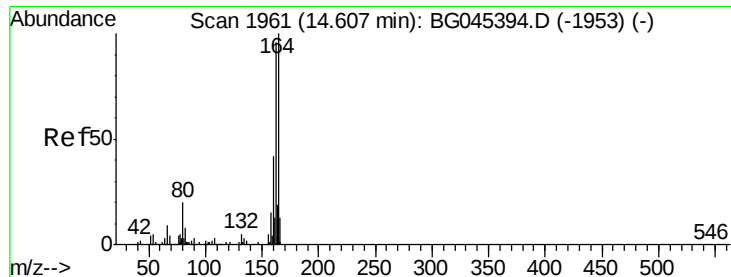
Tot Ion	82	Resp	428603
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.9	46.3
54	41.2	30.3	45.5



#32
 Benzoic acid
 Concen: 10.052 ng
 RT: 10.28 min Scan# 1225
 Delta R.T. 0.16 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

Tgt Ion	122	Resp	75
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

Instrument :

BNA_G

ClientSampleId :

PB129334BL

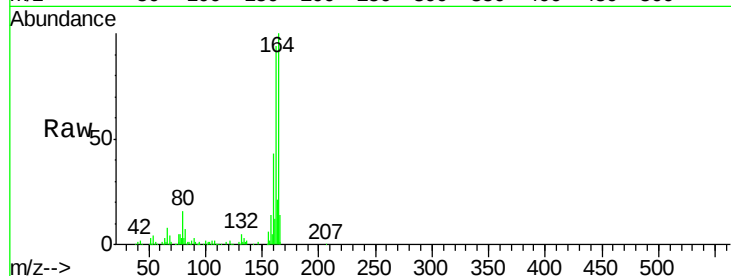
Tot Ion:164 Resp: 164611

Ion Ratio Lower Upper

164 100

162 93.9 76.9 115.3

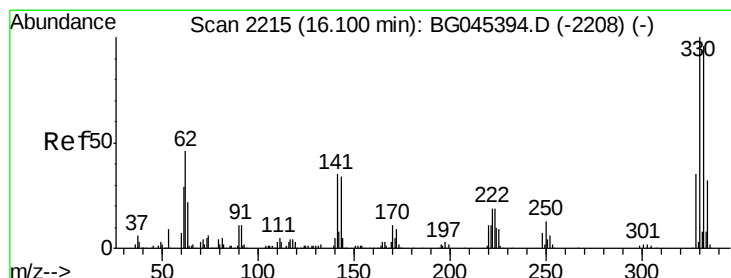
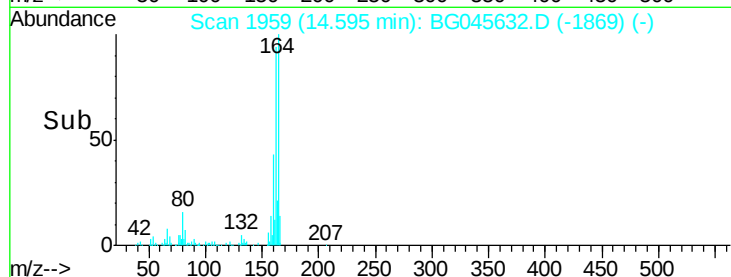
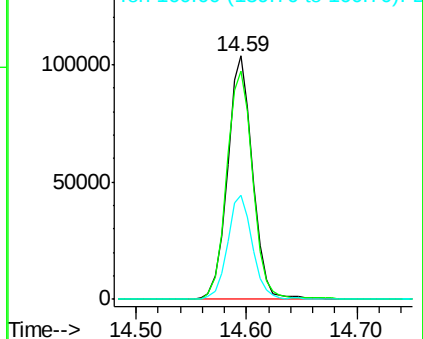
160 42.7 33.8 50.8



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: 142.903 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

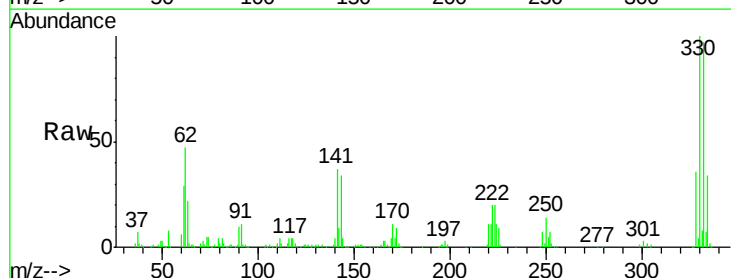
Tgt Ion:330 Resp: 300838

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

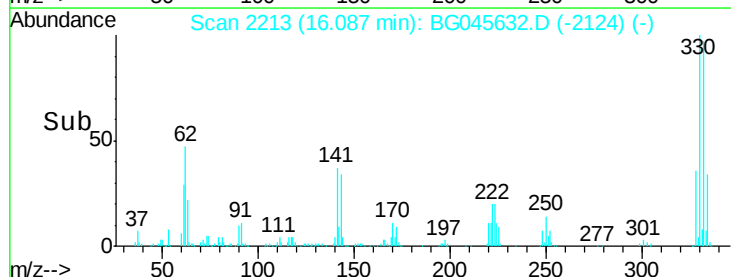
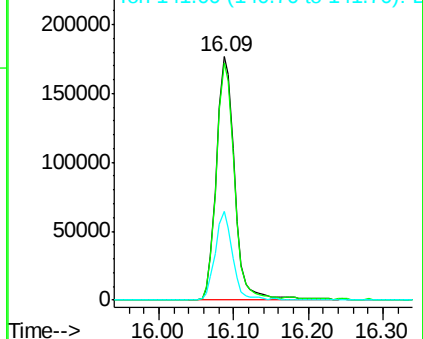
141 34.3 28.2 42.4

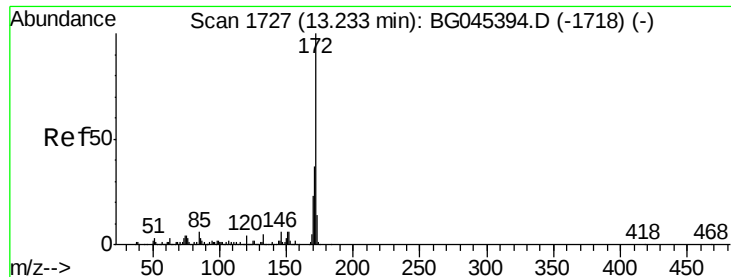


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

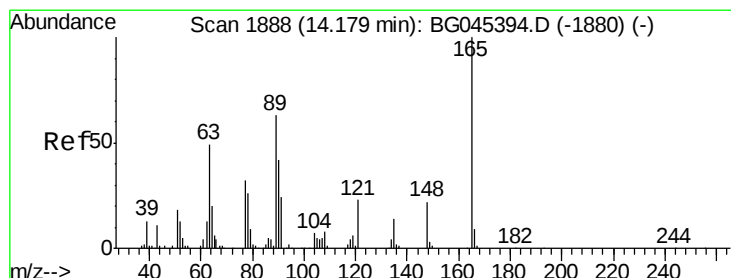
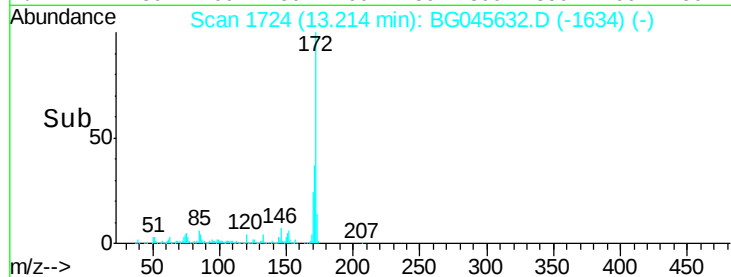
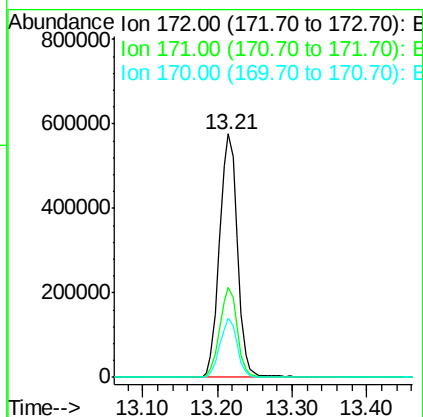
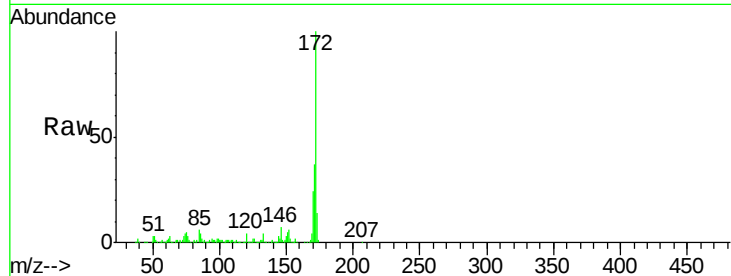




#45
2-Fluorobiphenyl
Concen: 99.384 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

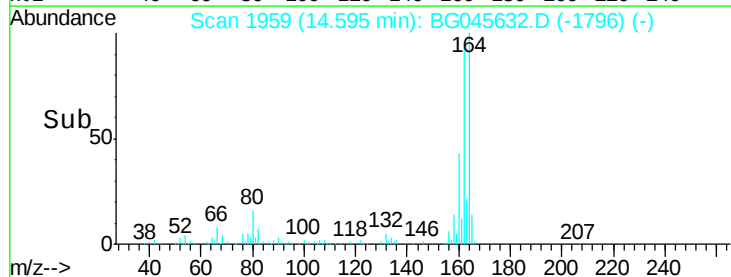
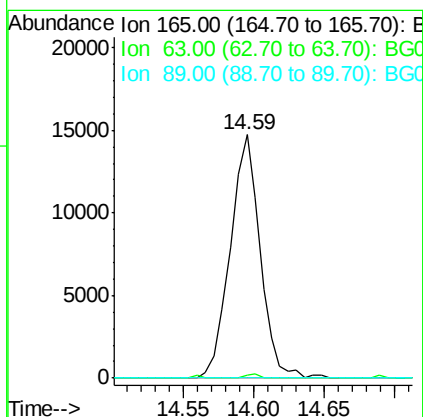
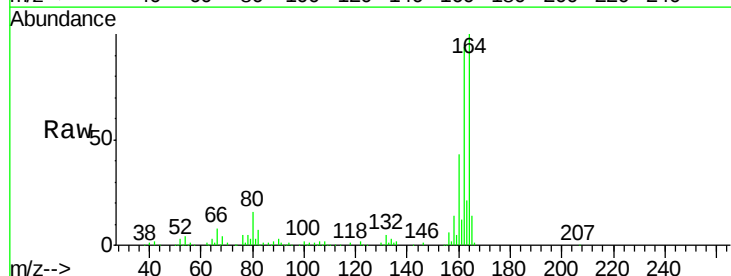
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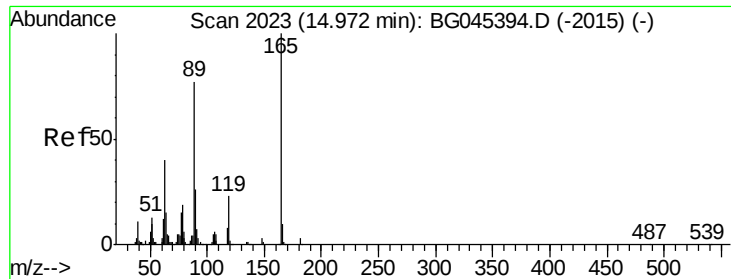
Tot Ion:172 Resp: 964491
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.1 18.5 27.7



#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 14.59 min Scan# 1959
Delta R.T. 0.43 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Tgt Ion:165 Resp: 21674
Ion Ratio Lower Upper
165 100
63 1.1 45.0 67.4#
89 0.0 50.2 75.4#





#57

2,4-Dinitrotoluene

Concen: 5.873 ng

RT: 14.59 min Scan# 1959

Delta R.T. -0.36 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

Instrument :

BNA_G

ClientSampleId :

PB129334BL

Tot Ion:165 Resp: 21674

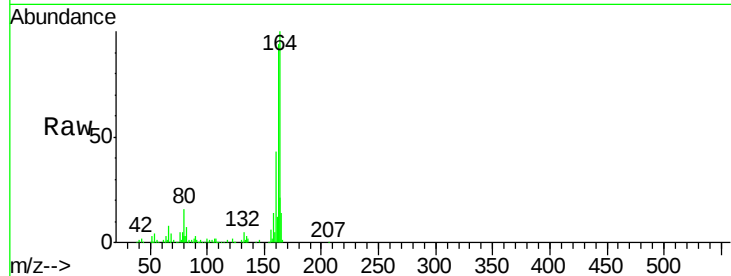
Ion Ratio Lower Upper

165 100

63 1.1 32.5 48.7#

89 0.0 61.8 92.6#

182 0.0 2.3 3.5#

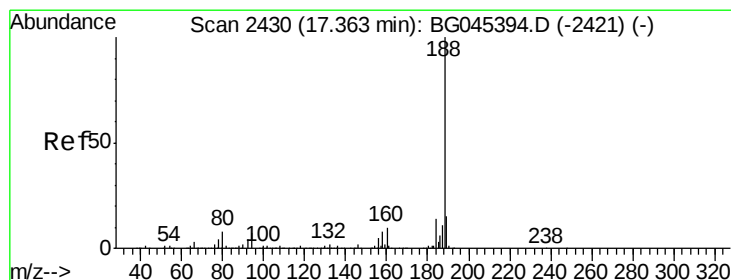
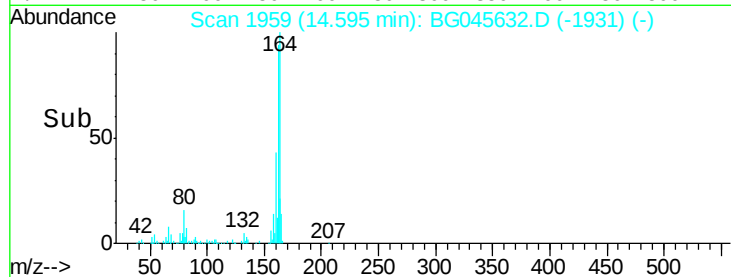
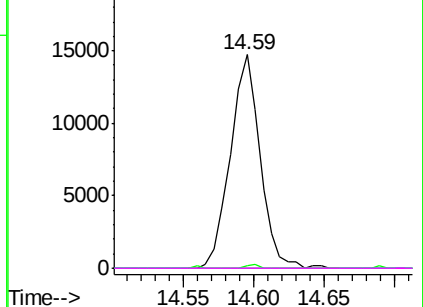


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

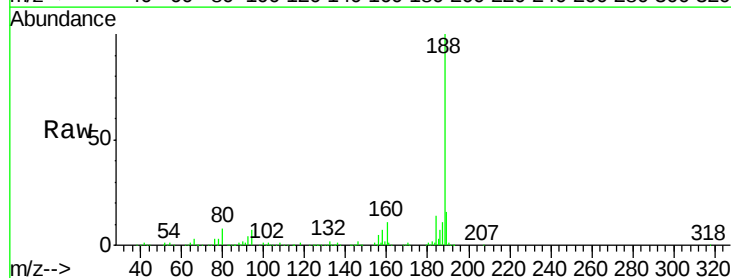
Tgt Ion:188 Resp: 367342

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

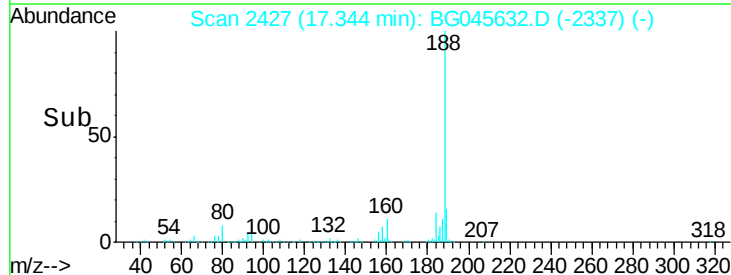
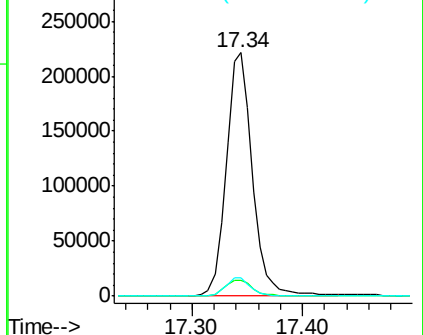
80 7.8 6.6 10.0

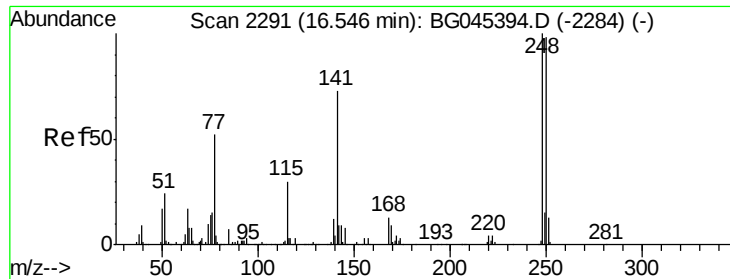


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

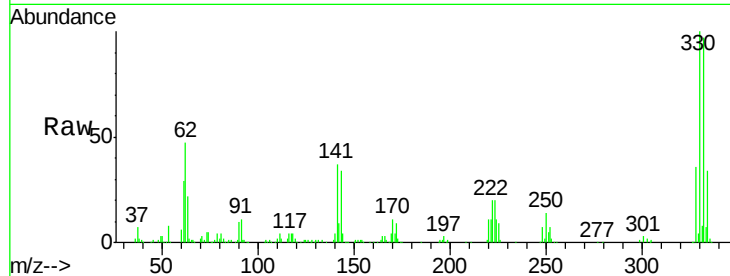




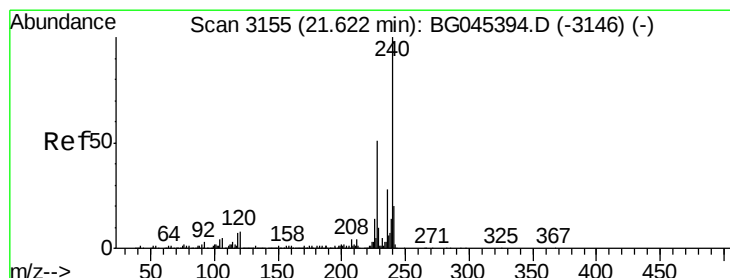
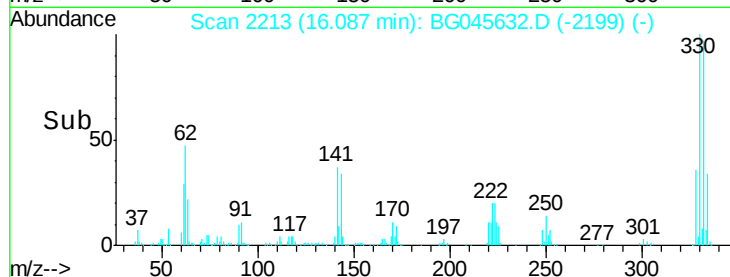
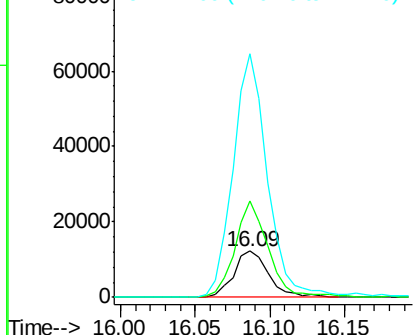
#67
 4-Bromophenyl-phenylether
 Concen: 5.004 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.45 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

Instrument :
 BNA_G
 ClientSampleId :
 PB129334BL

Tot Ion:248 Resp: 19905
 Ion Ratio Lower Upper
 248 100
 250 210.2 78.6 117.8#
 141 529.6 58.2 87.2#

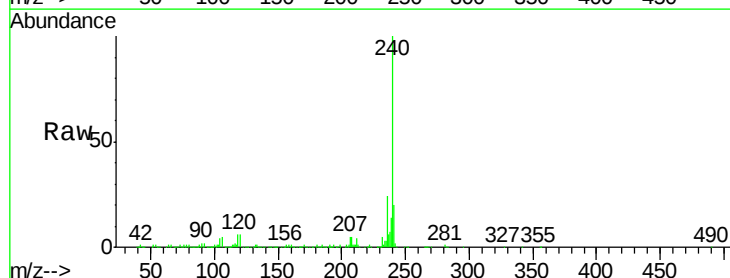


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

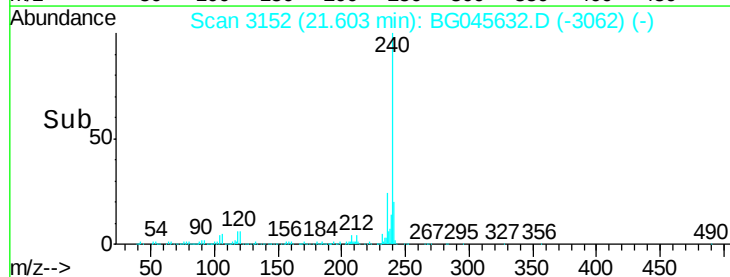
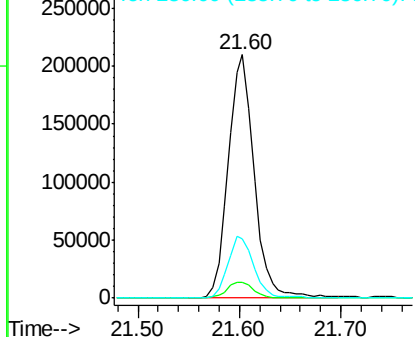


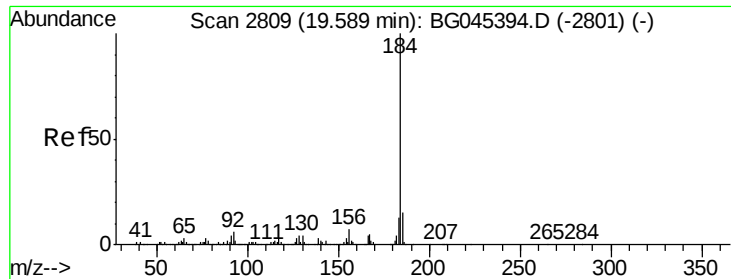
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

Tgt Ion:240 Resp: 372200
 Ion Ratio Lower Upper
 240 100
 120 6.5 6.1 9.1
 236 24.3 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: 3.068 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

Instrument :

BNA_G

ClientSampleId :

PB129334BL

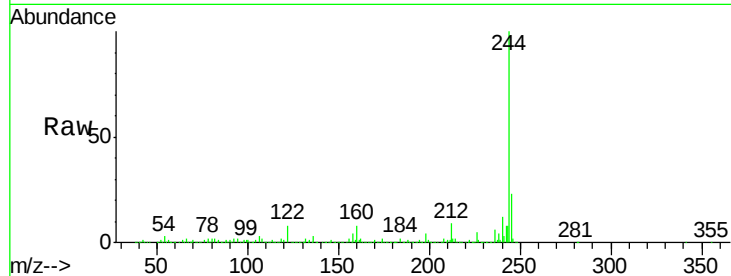
Tot Ion:184 Resp: 32066

Ion Ratio Lower Upper

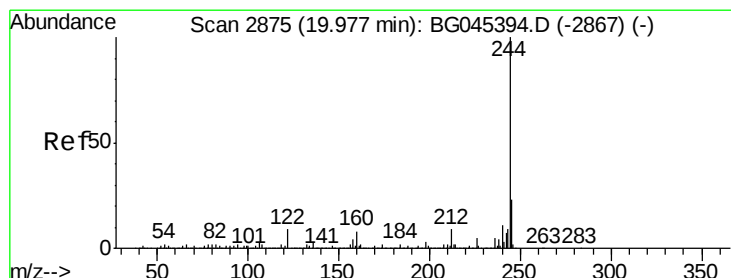
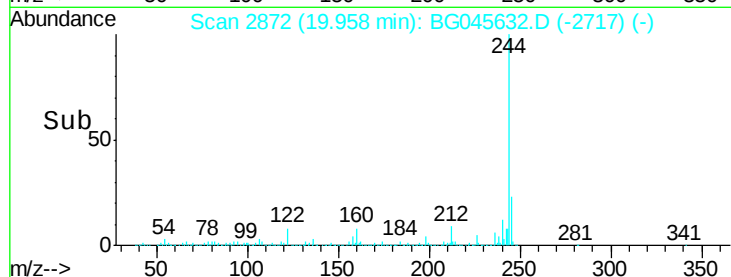
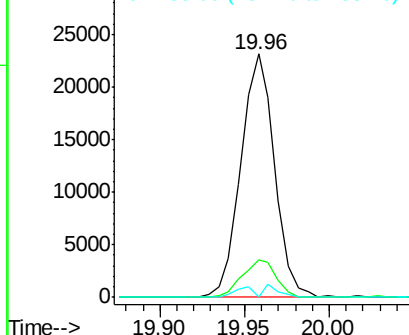
184 100

185 15.3 11.7 17.5

183 0.0 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: 105.834 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

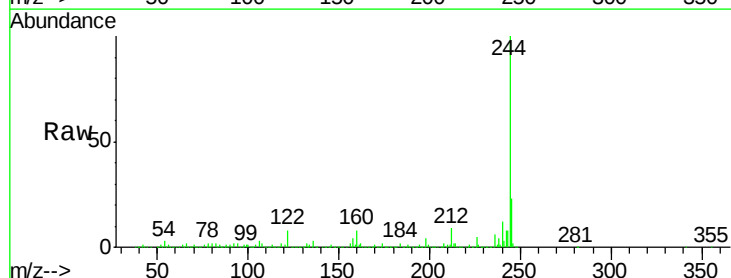
Tgt Ion:244 Resp: 1688953

Ion Ratio Lower Upper

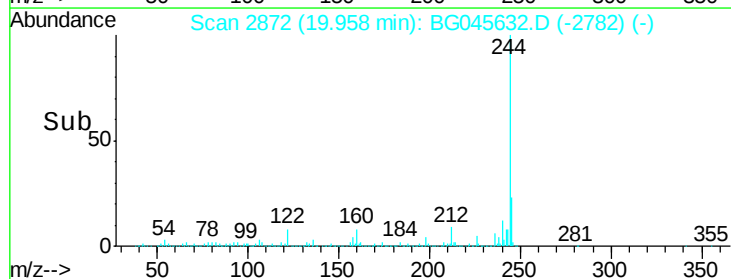
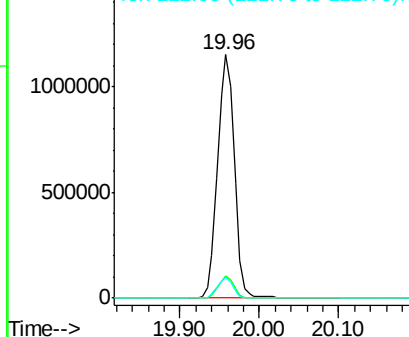
244 100

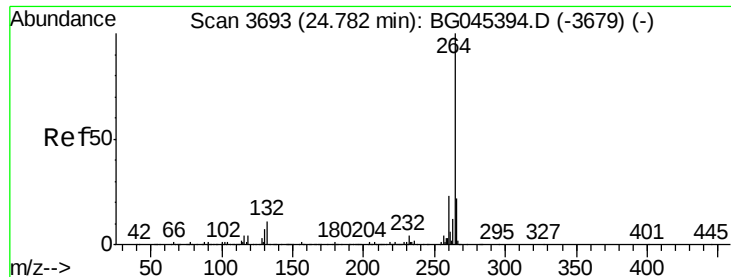
212 9.0 7.4 11.0

122 8.5 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

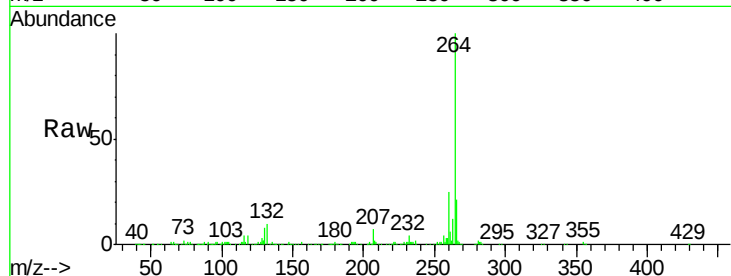




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045632.D
Acq: 6 Jun 2020 2:59

Instrument :
BNA_G
ClientSampleId :
PB129334BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	20.7	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

