

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045692.D
 Acq On : 10 Jun 2020 15:13
 Operator : CG/JU
 Sample : PB129455BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129455BL

Quant Time: Jun 10 18:20:47 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

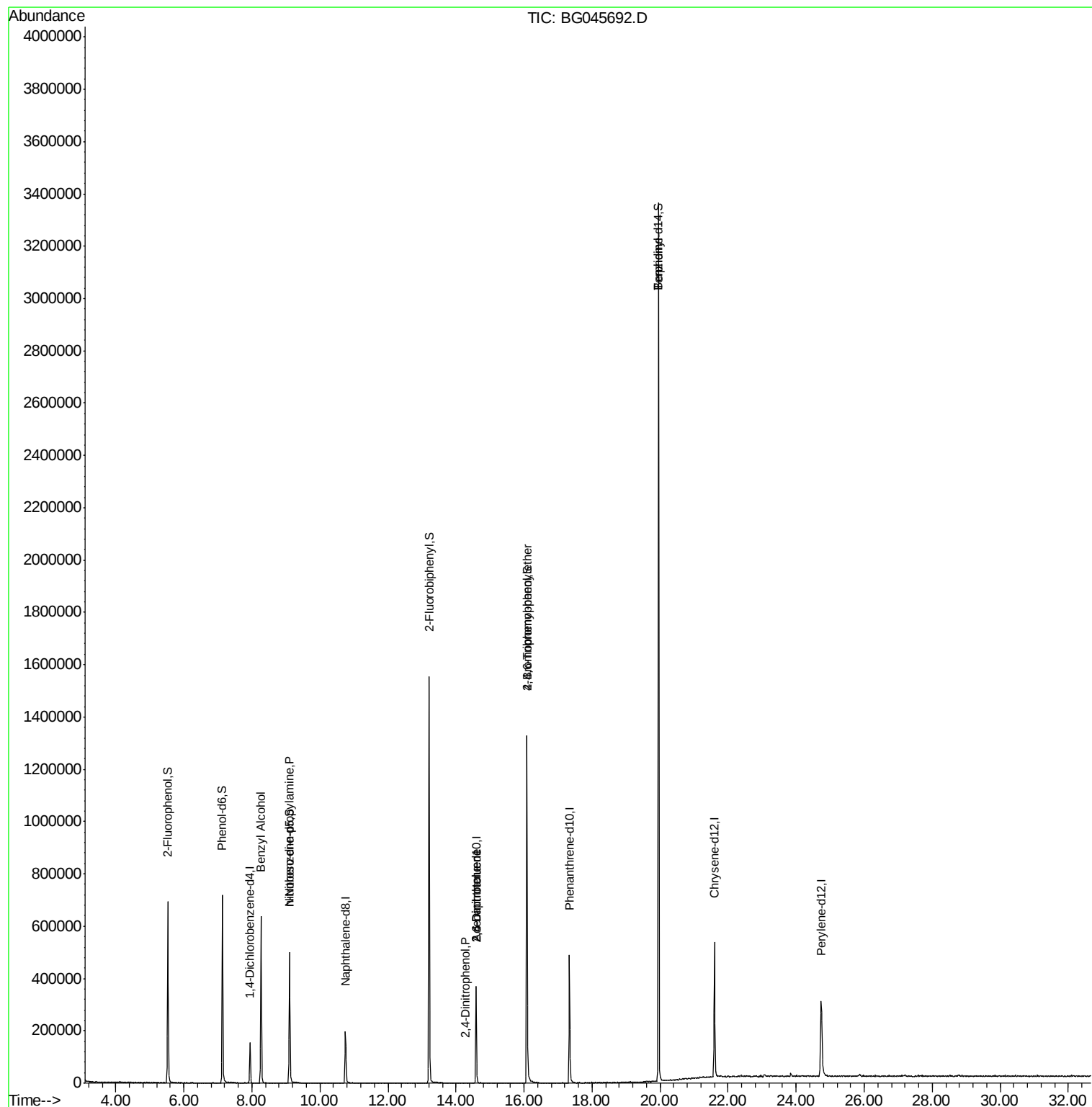
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	45441	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	188977	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	145363	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	358125	20.00	ng	0.00
76) Chrysene-d12	21.59	240	355796	20.00	ng	0.00
87) Perylene-d12	24.74	264	370272	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	322141	138.54	ng	0.00
7) Phenol-d6	7.13	99	463838	140.16	ng	-0.01
23) Nitrobenzene-d5	9.11	82	351321	101.38	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	286052	153.87	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	878770	102.54	ng	0.00
79) Terphenyl-d14	19.96	244	1642211	107.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	6515	2.383	ng	# 58
19) n-Nitroso-di-n-propylamine	9.11	70	47856	20.911	ng	# 82
51) 2,6-Dinitrotoluene	14.59	165	18629	8.279	ng	# 23
54) 2,4-Dinitrophenol	14.28	184	55	5.494	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	18629	5.717	ng	# 23
67) 4-Bromophenyl-phenylether	16.08	248	19518	5.033	ng	# 1
77) Benzydine	19.96	184	31035	3.106	ng	# 92

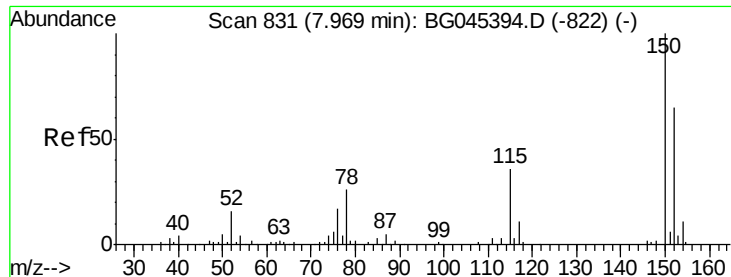
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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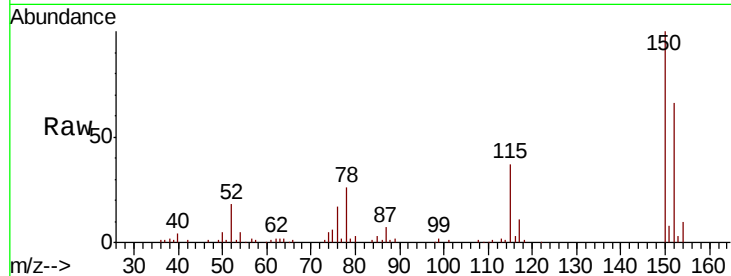


#1

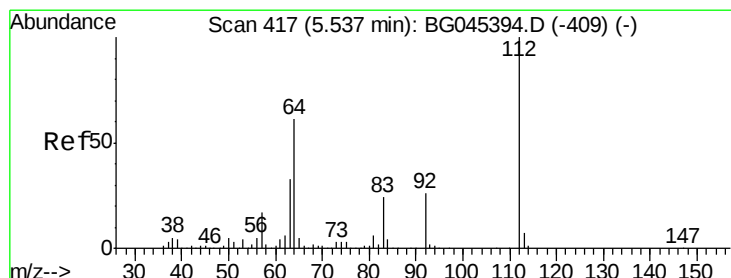
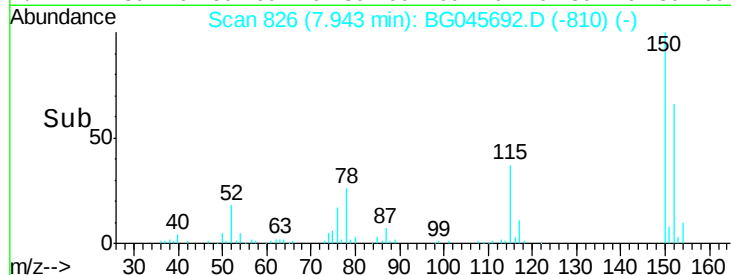
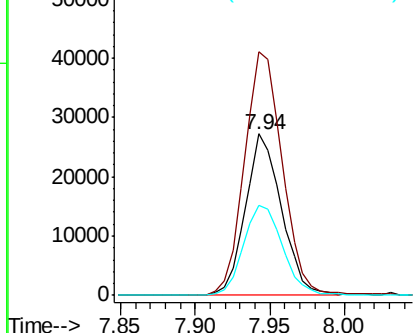
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129455BL

Tot Ion:152 Resp: 45441
 Ion Ratio Lower Upper
 152 100
 150 151.0 122.4 183.6
 115 56.0 44.2 66.4



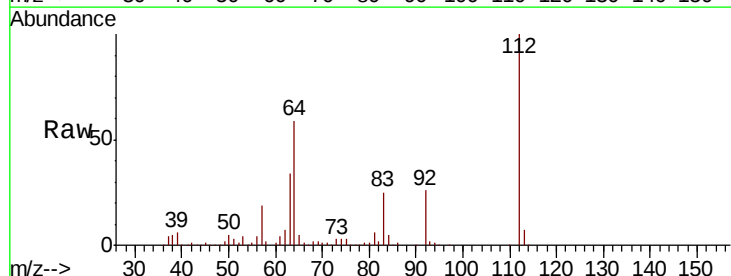
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



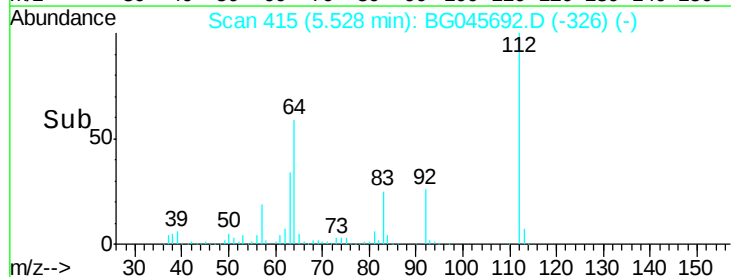
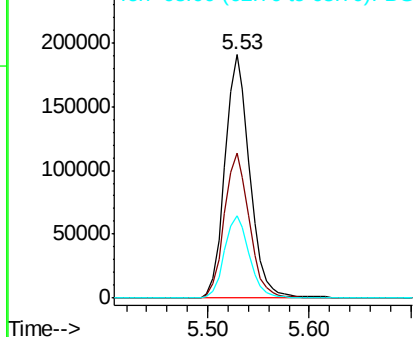
#5

2-Fluorophenol
 Concen: 138.544 ng
 RT: 5.53 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Tgt Ion:112 Resp: 322141
 Ion Ratio Lower Upper
 112 100
 64 59.5 48.6 72.8
 63 33.9 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: 140.156 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

Instrument :

BNA_G

ClientSampleId :

PB129455BL

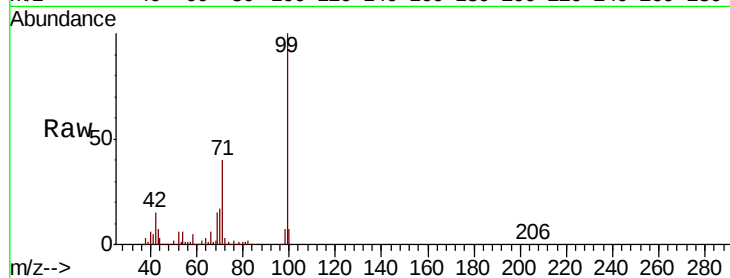
Tot Ion: 99 Resp: 463838

Ion Ratio Lower Upper

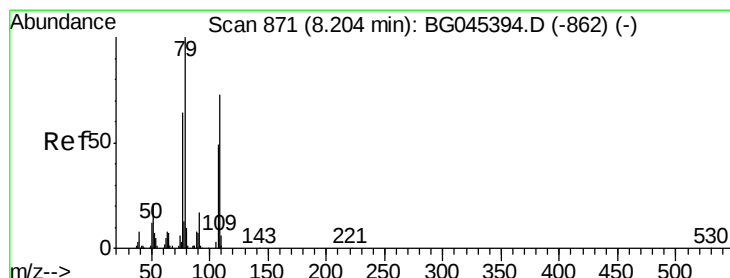
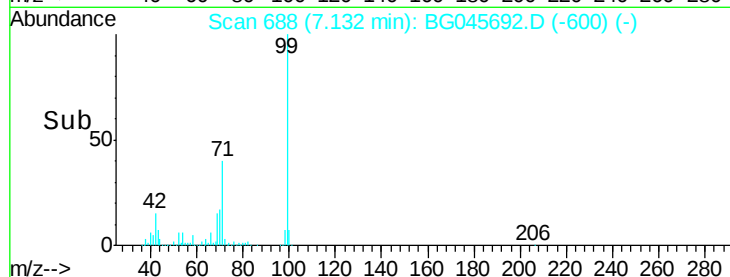
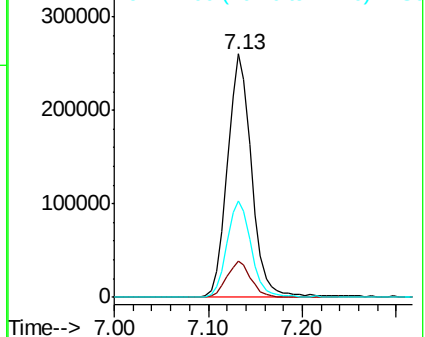
99 100

42 14.8 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: 2.383 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.07 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

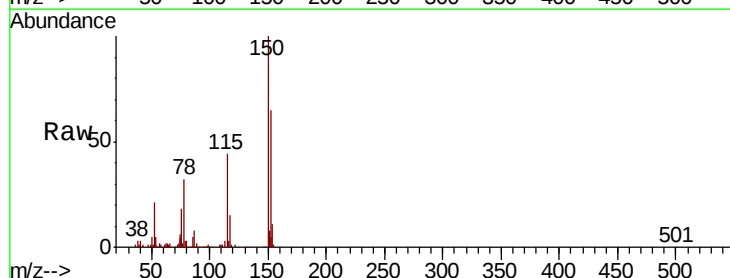
Tgt Ion: 79 Resp: 6515

Ion Ratio Lower Upper

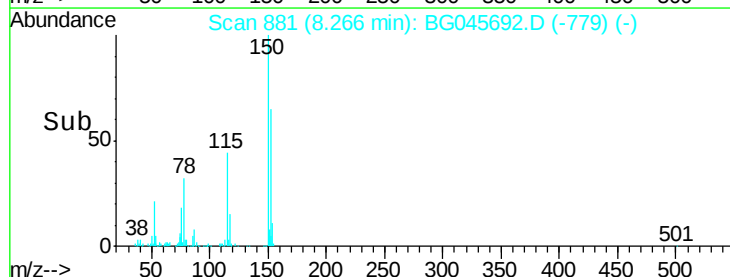
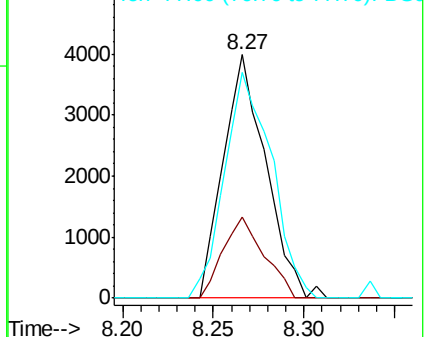
79 100

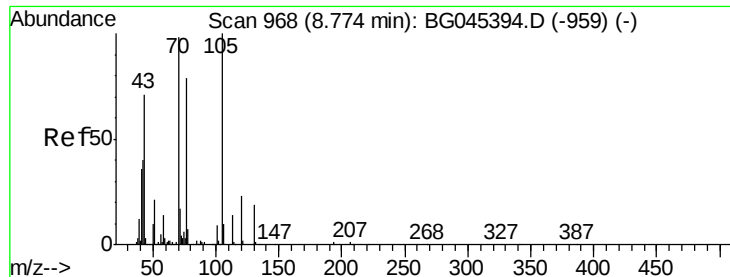
108 33.4 58.2 87.4#

77 92.5 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

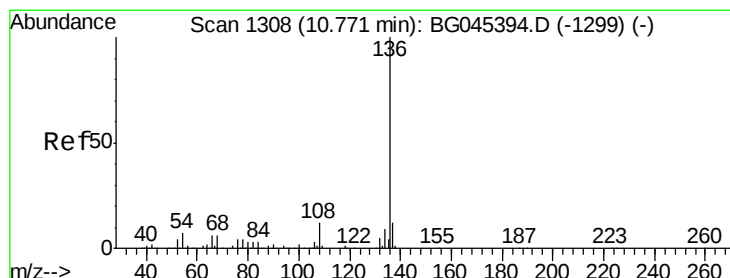
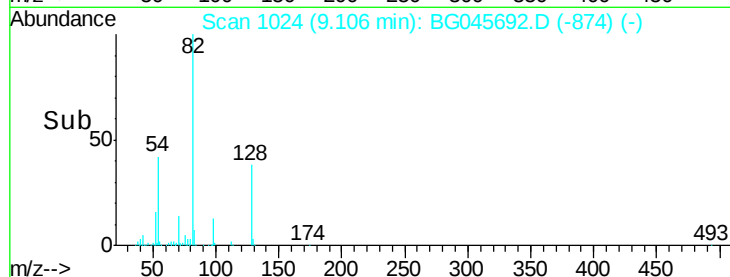
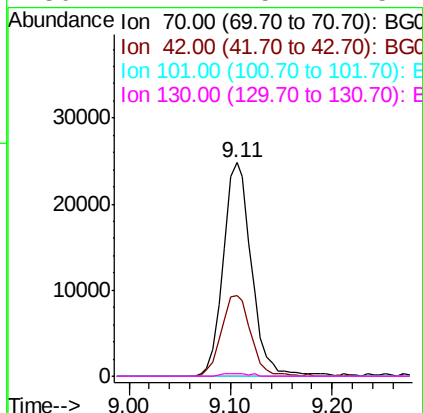
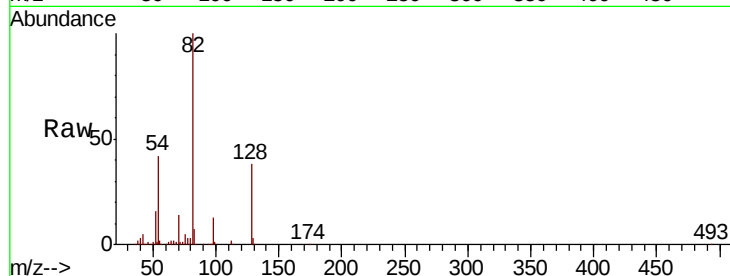




#19
n-Nitroso-di-n-propylamine
Concen: 20.911 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

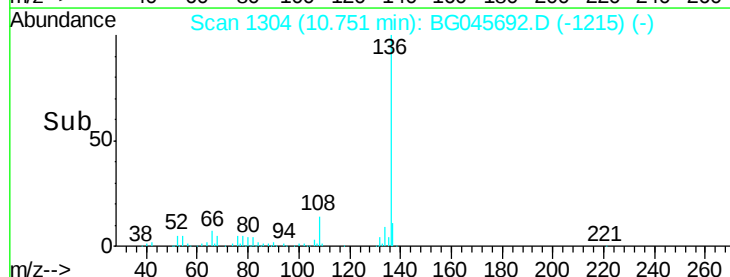
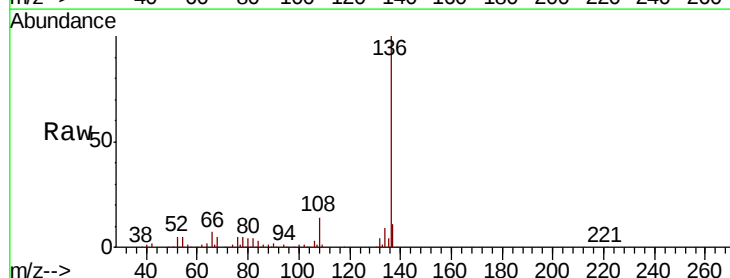
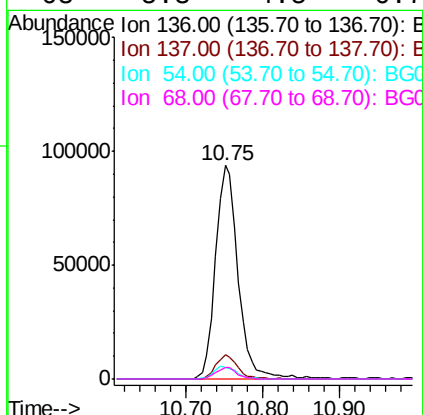
Instrument :
BNA_G
ClientSampleId :
PB129455BL

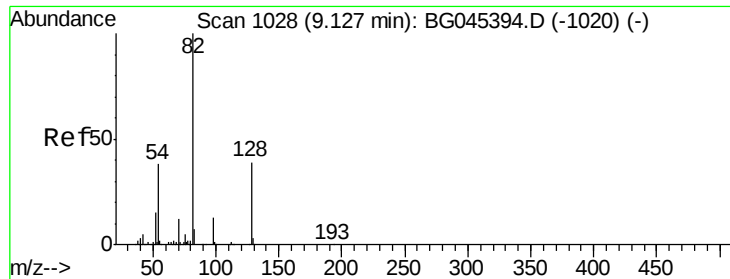
Tot Ion: 70 Resp: 47856
Ion Ratio Lower Upper
70 100
42 37.5 33.2 49.8
101 0.0 7.8 11.6#
130 1.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

Tgt Ion: 136 Resp: 188977
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 5.2 5.8 8.6#
68 5.3 4.5 6.7

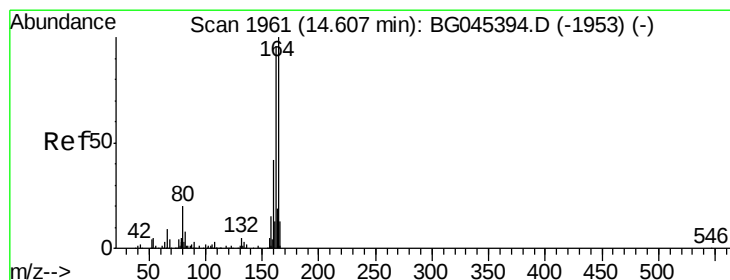
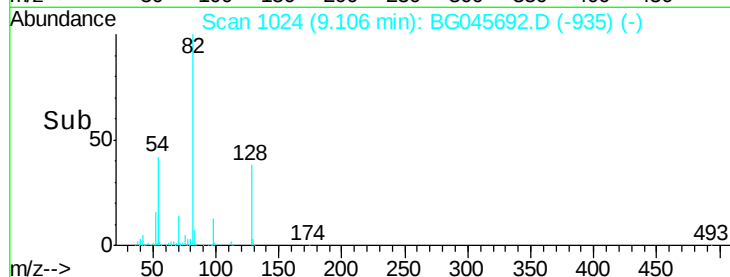
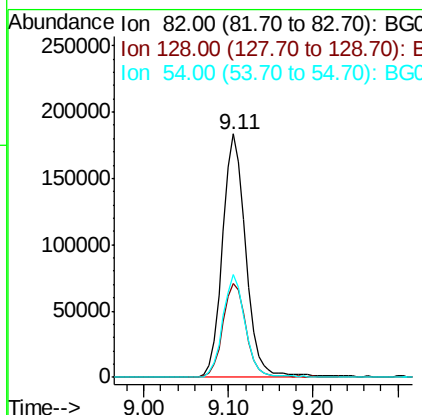
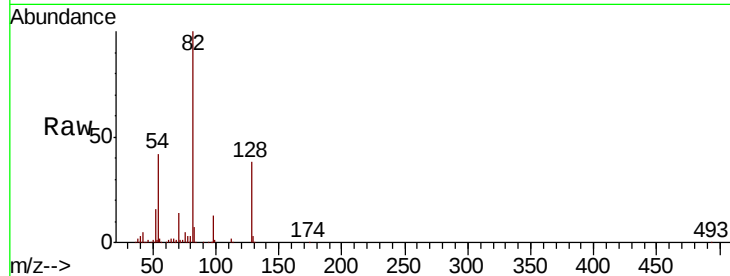




#23
 Nitrobenzene-d5
 Concen: 101.378 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

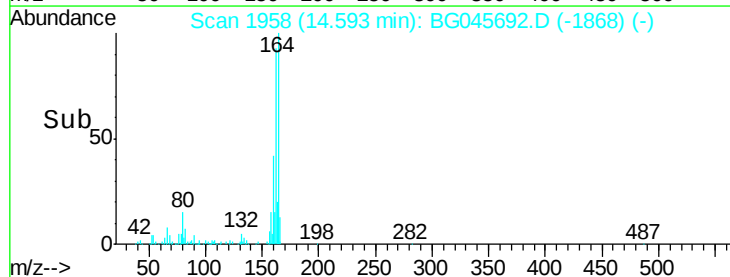
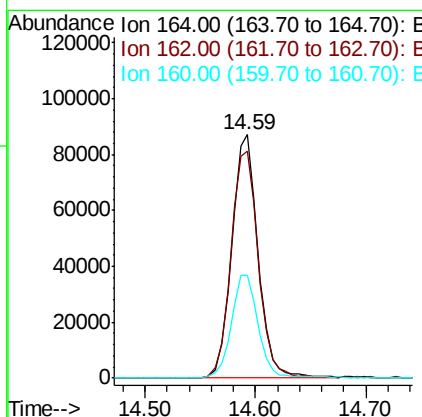
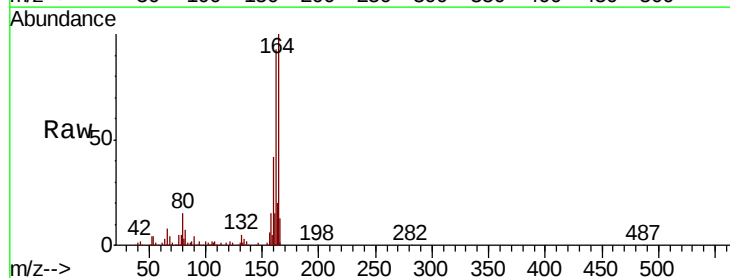
Instrument :
 BNA_G
 ClientSampleId :
 PB129455BL

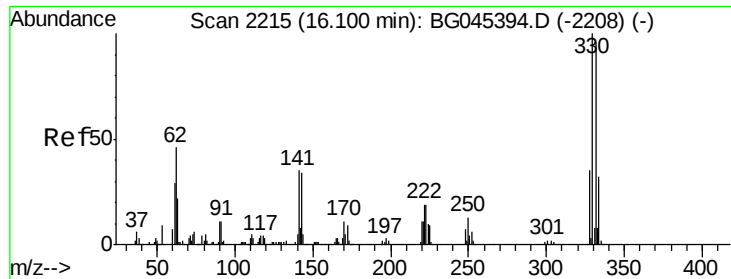
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.9	46.3
54	42.0	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.2	76.9	115.3
160	42.5	33.8	50.8

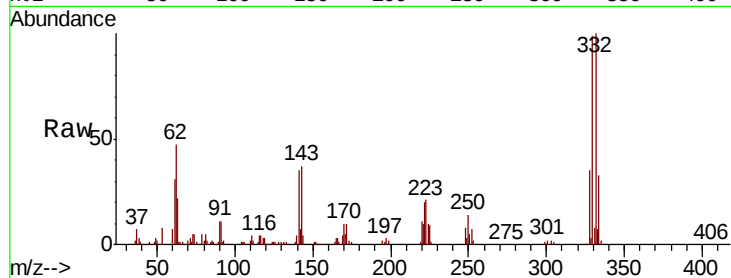




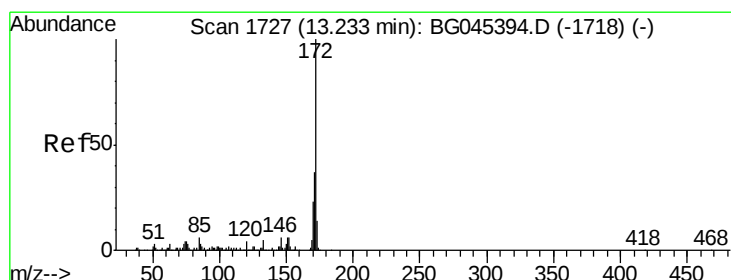
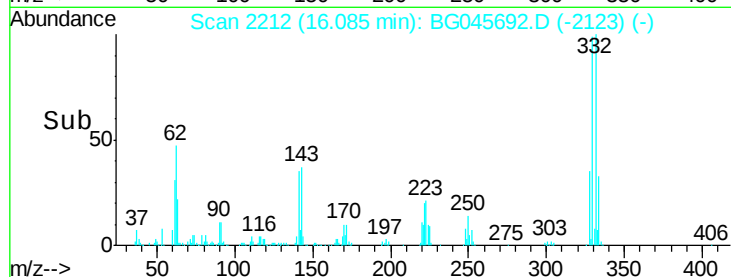
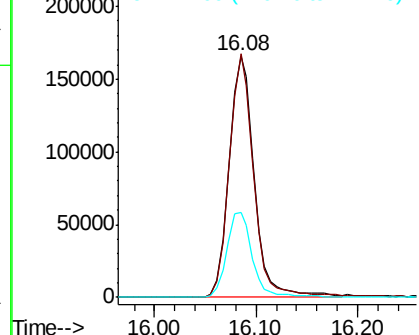
#42
 2,4,6-Tribromophenol
 Concen: 153.872 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129455BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.4
141	35.9	28.2	42.4

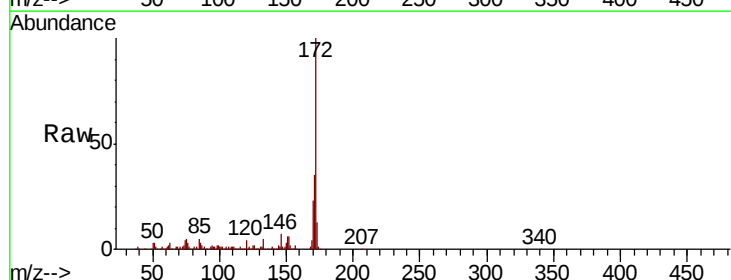


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

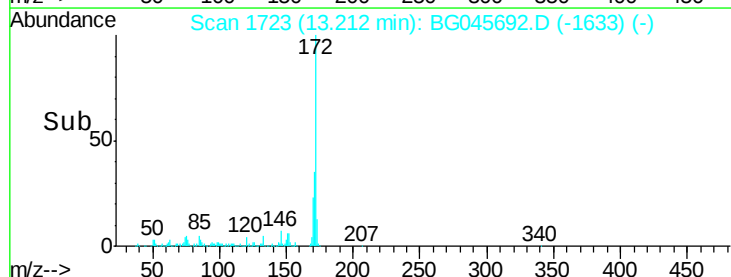
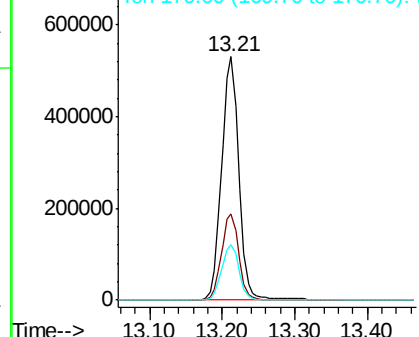


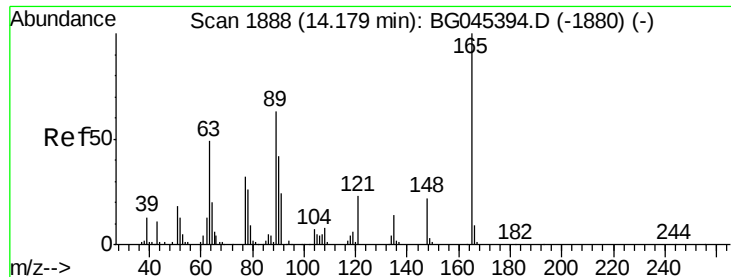
#45
 2-Fluorobiphenyl
 Concen: 102.542 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.5	44.3
170	22.8	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: 8.279 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.42 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

Instrument :

BNA_G

ClientSampleId :

PB129455BL

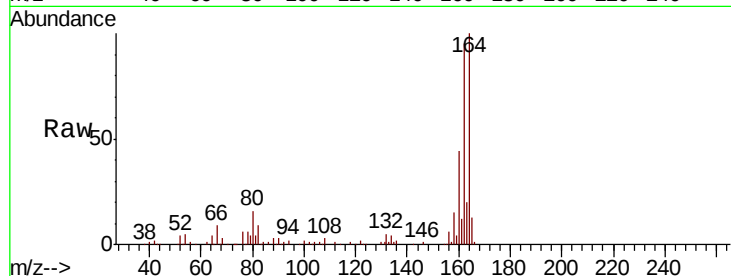
Tot Ion:165 Resp: 18629

Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.4#

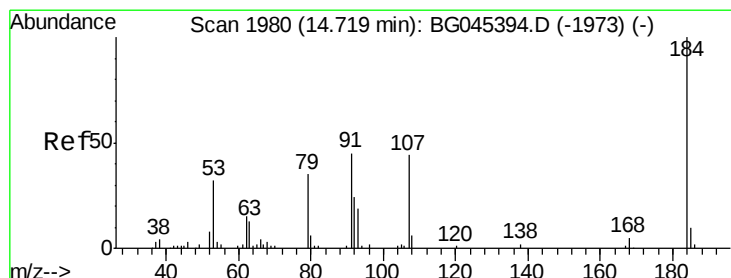
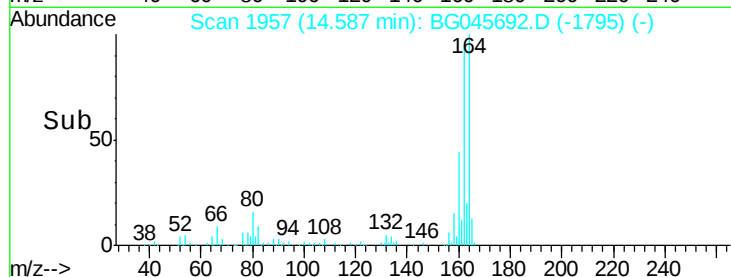
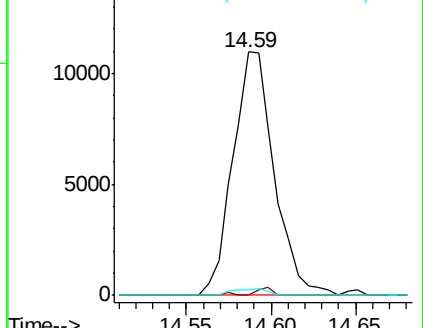
89 2.5 50.2 75.4#



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



#54

2,4-Dinitrophenol

Concen: 5.494 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.43 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

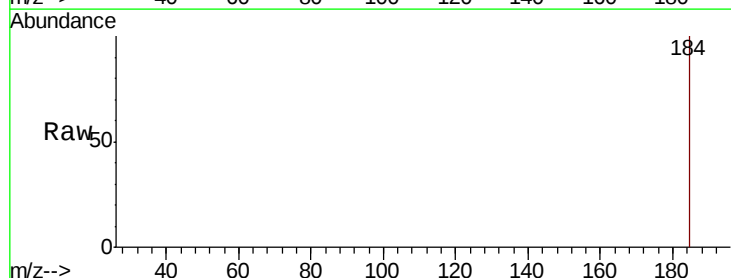
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

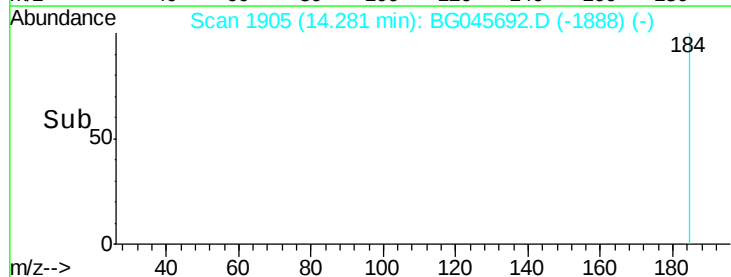
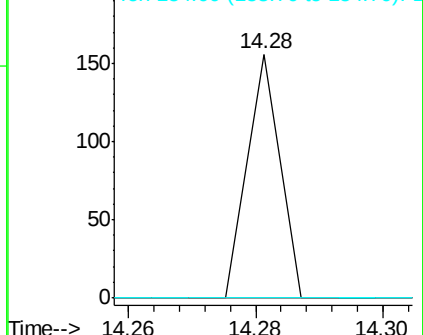
154 0.0 58.3 87.5#

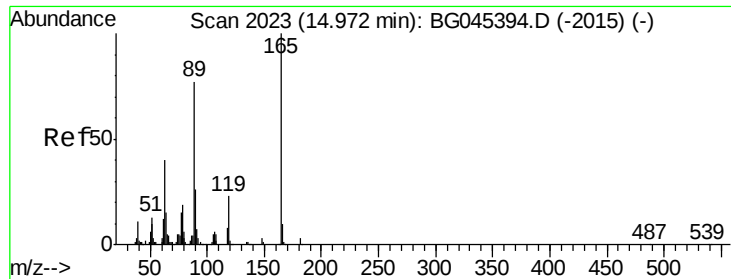


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

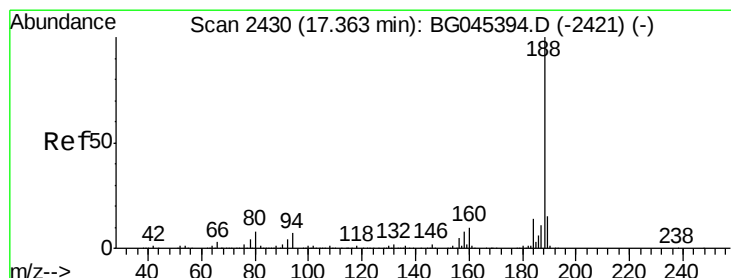
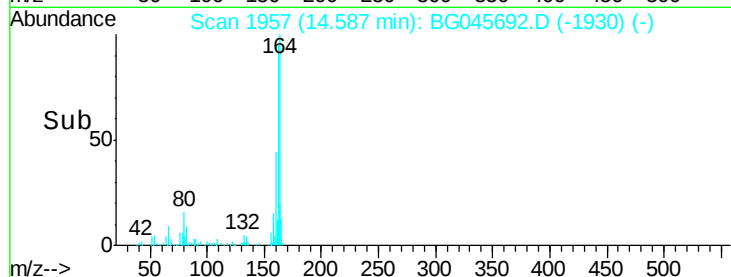
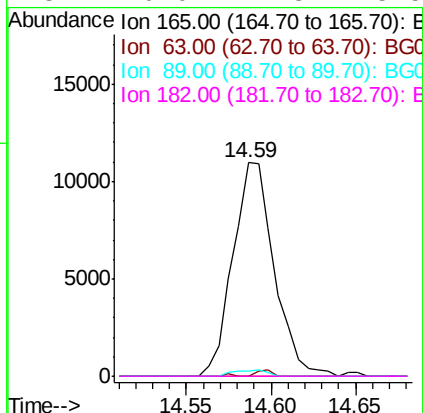
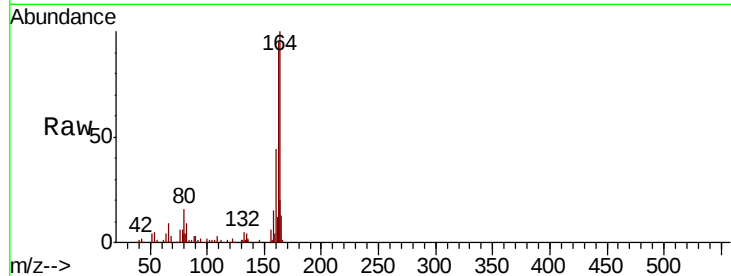




#57
 2,4-Dinitrotoluene
 Concen: 5.717 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.37 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

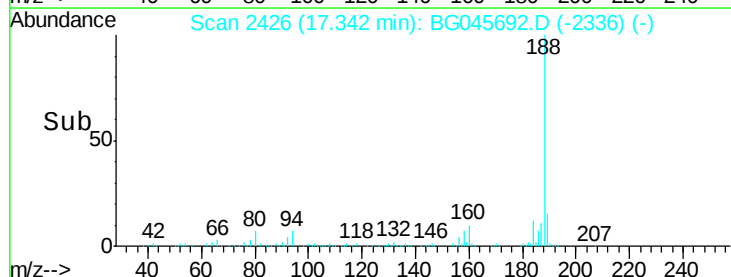
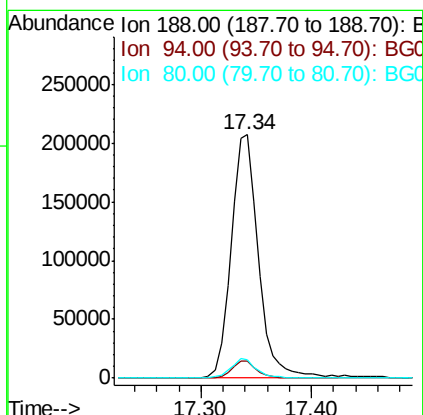
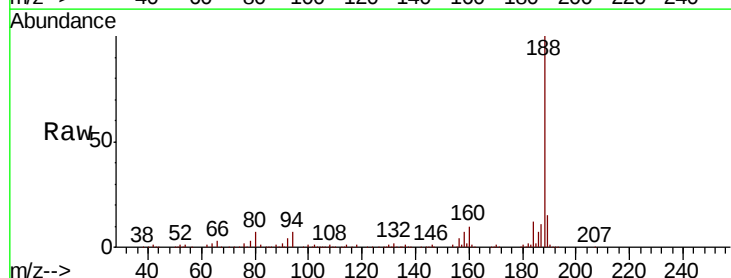
Instrument :
 BNA_G
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 PB129455BL

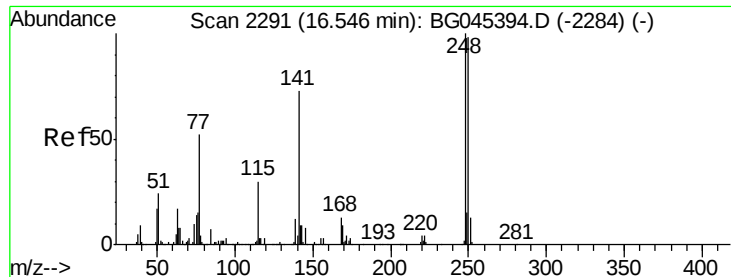
Tot Ion:165 Resp: 18629
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.5 48.7#
 89 2.5 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Tgt Ion:188 Resp: 358125
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.5 8.3
 80 7.3 6.6 10.0

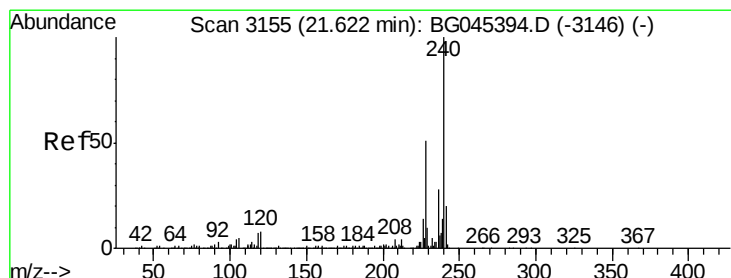
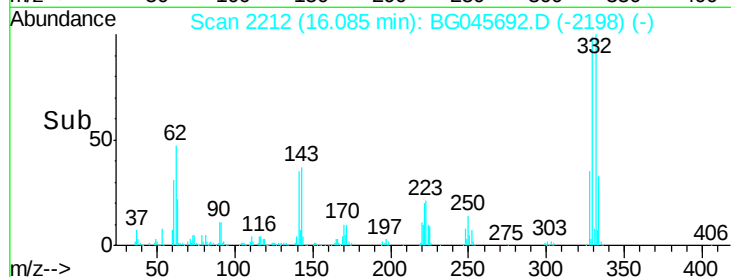
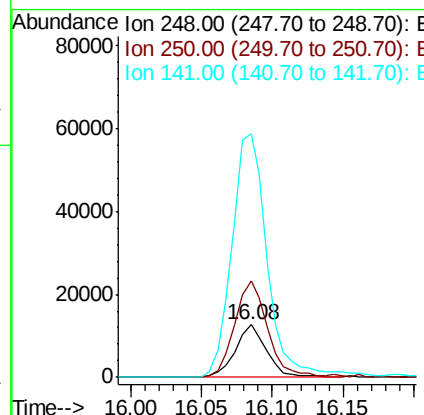
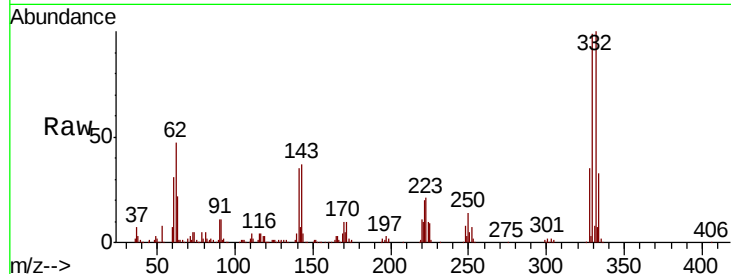




#67
4-Bromophenyl-phenylether
Concen: 5.033 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

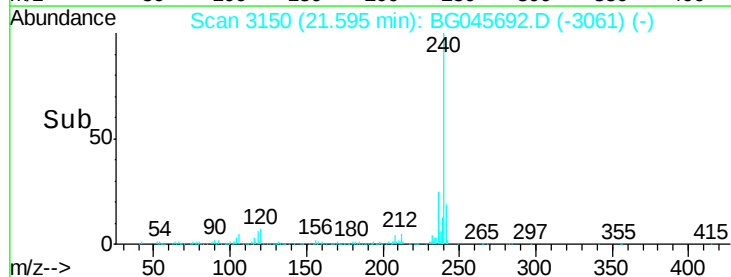
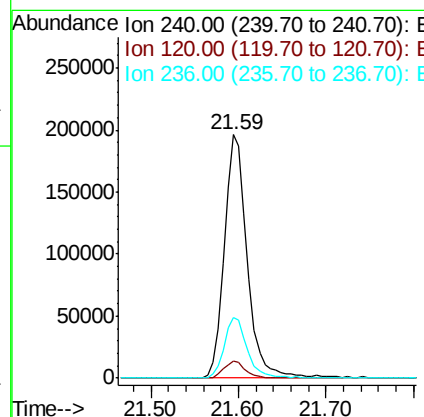
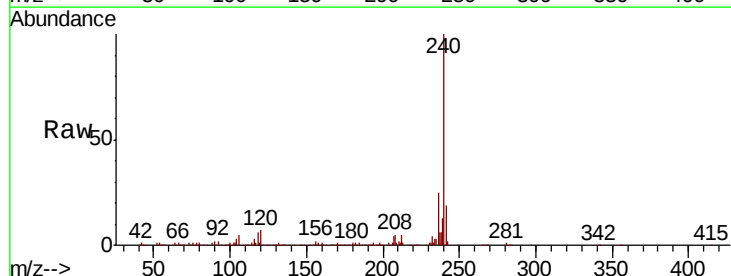
Instrument :
BNA_G
ClientSampleId :
PB129455BL

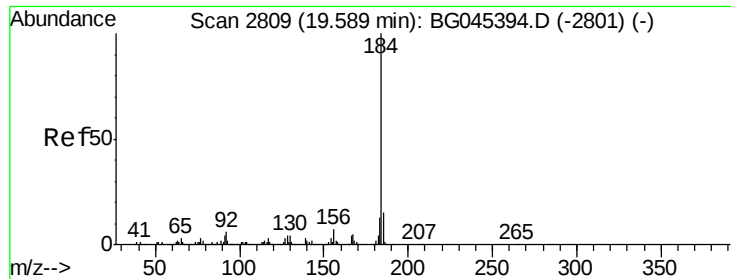
Tot Ion:248 Resp: 19518
Ion Ratio Lower Upper
248 100
250 183.8 78.6 117.8#
141 465.5 58.2 87.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

Tgt Ion:240 Resp: 355796
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 25.1 22.3 33.5





#77

Benzidine

Concen: 3.106 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

Instrument :

BNA_G

ClientSampleId :

PB129455BL

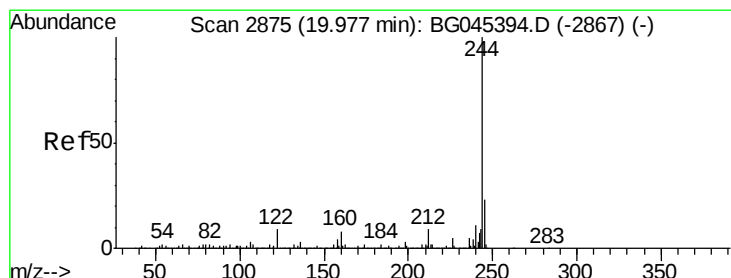
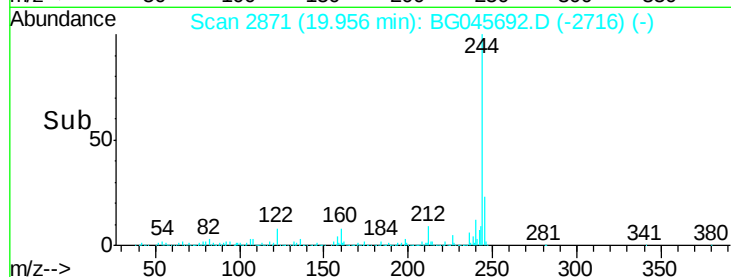
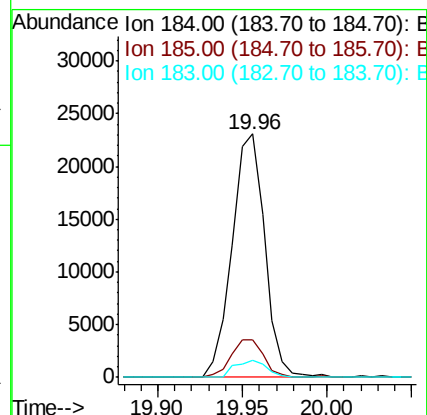
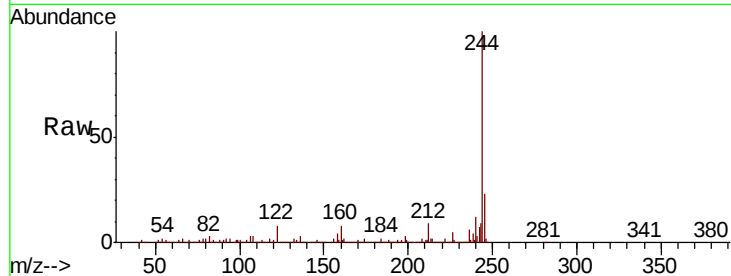
Tot Ion:184 Resp: 31035

Ion Ratio Lower Upper

184 100

185 15.6 11.7 17.5

183 7.3 10.2 15.4#



#79

Terphenyl-d14

Concen: 107.650 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

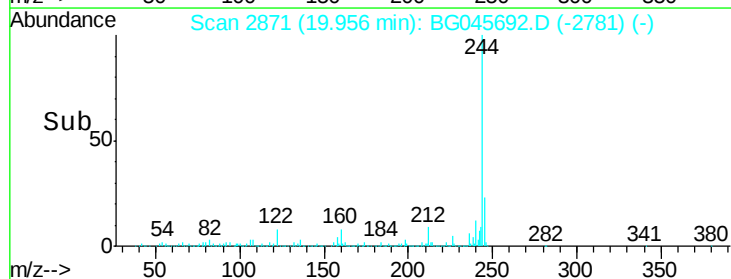
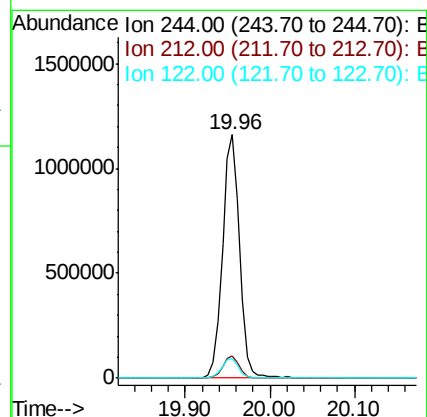
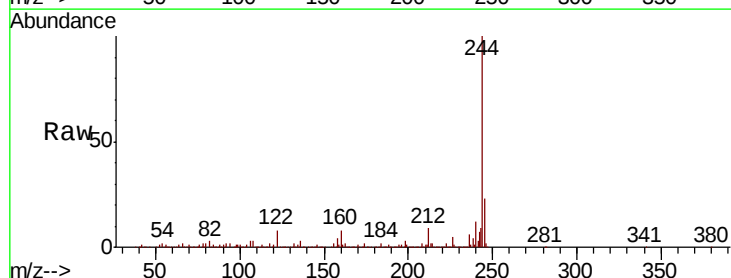
Tgt Ion:244 Resp: 1642211

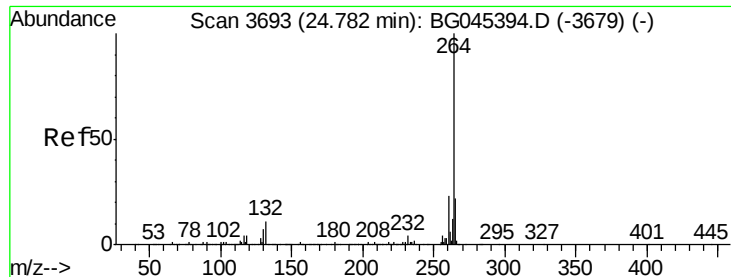
Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

122 8.0 6.8 10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

Instrument :
BNA_G
ClientSampleId :
PB129455BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.5	17.6	26.4

