

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045451.D
 Acq On : 21 May 2020 22:23
 Operator : CG/JU
 Sample : L2728-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 22 01:00:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

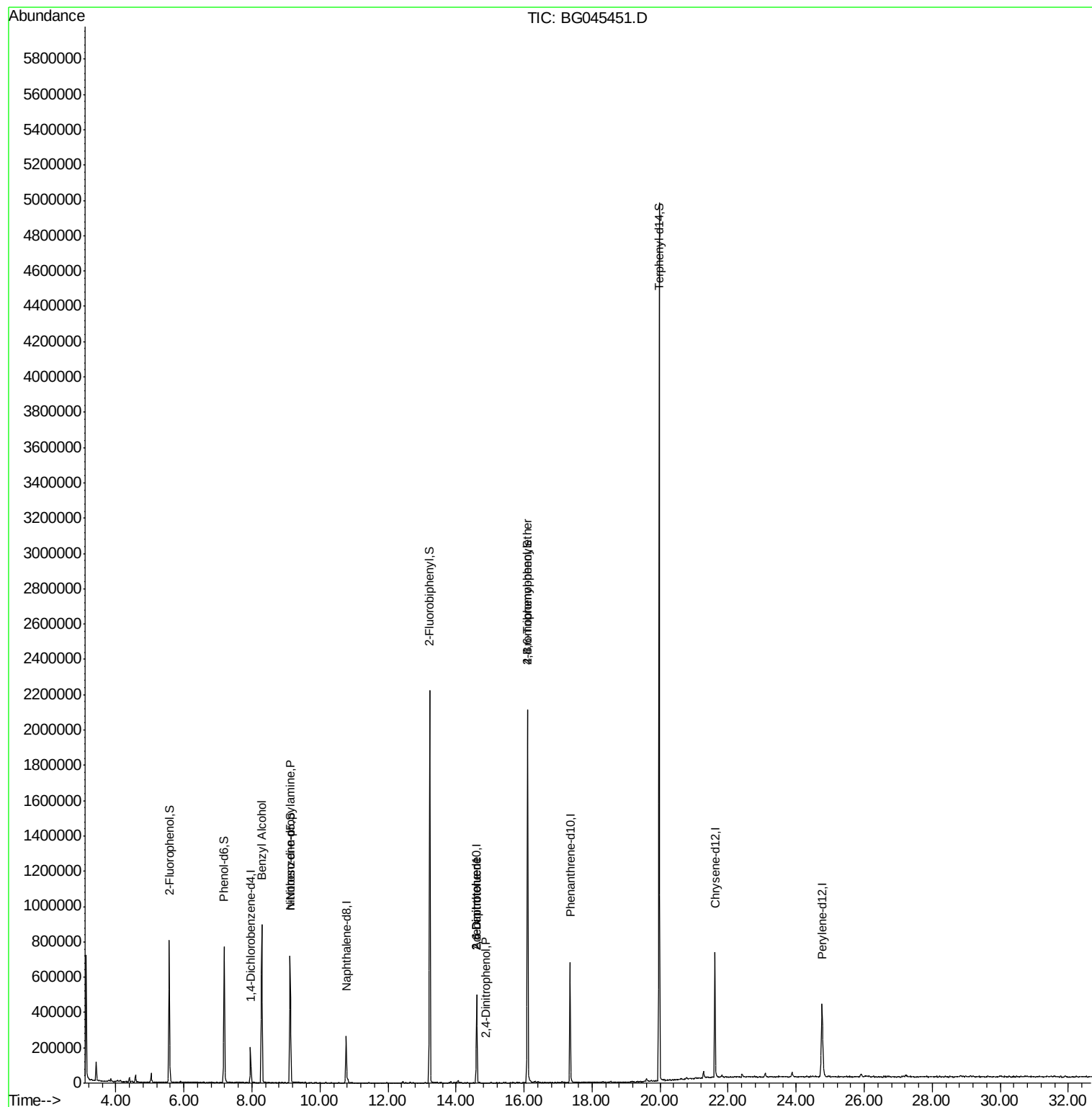
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	60747	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	247637	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	182768	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	447220	20.00	ng	0.00
76) Chrysene-d12	21.61	240	455249	20.00	ng	0.00
87) Perylene-d12	24.76	264	484424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	401074	129.03	ng	0.00
7) Phenol-d6	7.18	99	509273	115.11	ng	0.00
23) Nitrobenzene-d5	9.12	82	493039	108.57	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	439300	187.94	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1207382	112.05	ng	0.00
79) Terphenyl-d14	19.97	244	2391987	122.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.29	79	8259	2.260	ng	# 45
19) n-Nitroso-di-n-propylamine	9.13	70	66213	21.643	ng	# 79
51) 2,6-Dinitrotoluene	14.60	165	24094	8.516	ng	# 23
54) 2,4-Dinitrophenol	14.86	184	130	5.524	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	24094	5.880	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	29723	6.138	ng	# 1

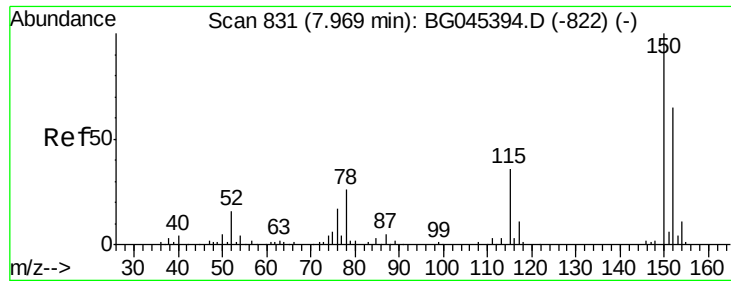
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: May 22 01:00:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration



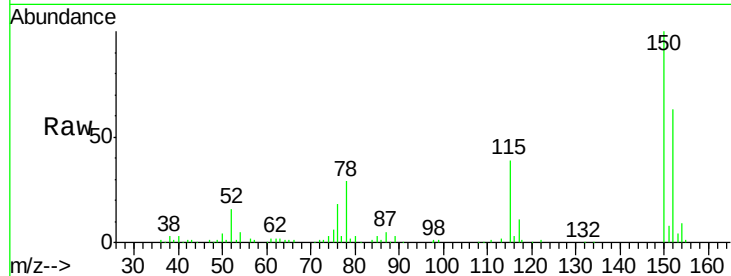


#1

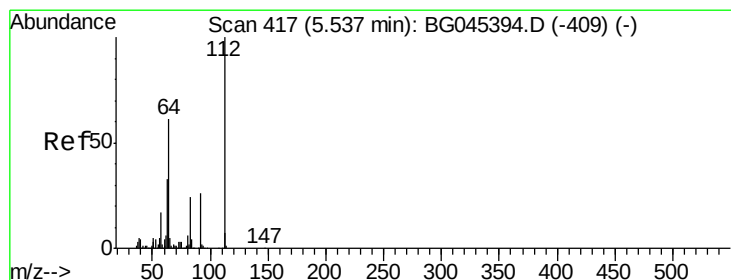
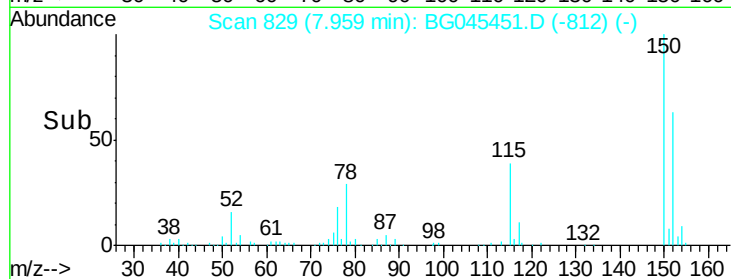
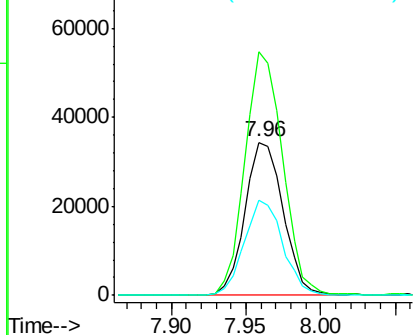
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60747
Ion Ratio Lower Upper
152 100
150 158.9 122.4 183.6
115 62.0 44.2 66.4



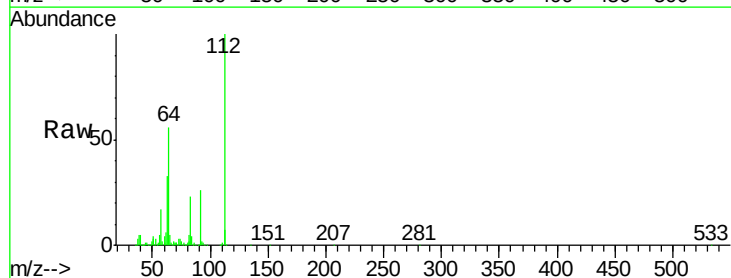
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



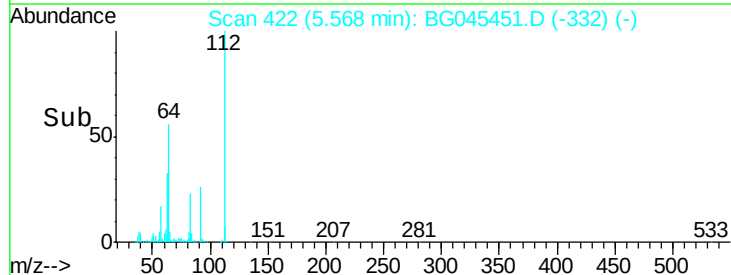
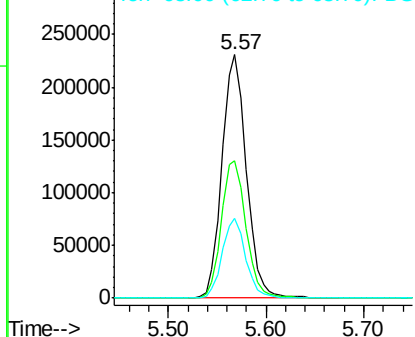
#5

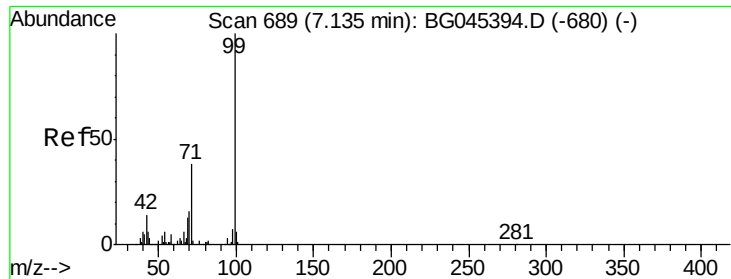
2-Fluorophenol
Concen: 129.030 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

Tgt Ion:112 Resp: 401074
Ion Ratio Lower Upper
112 100
64 56.2 48.6 72.8
63 32.8 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: 115.112 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Instrument :

BNA_G

ClientSampleId :

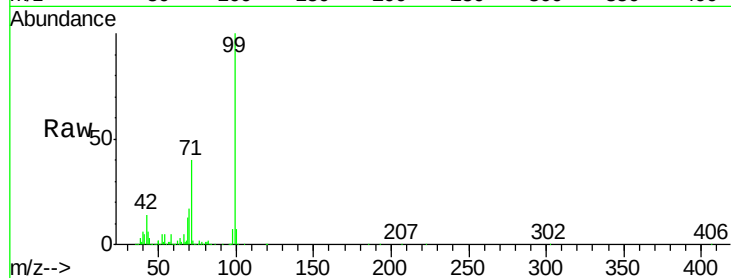
Tot Ion: 99 Resp: 509273

Ion Ratio Lower Upper

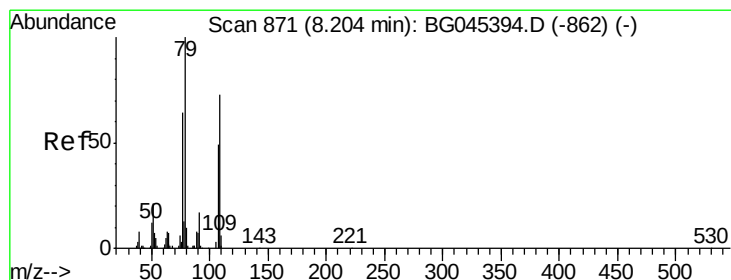
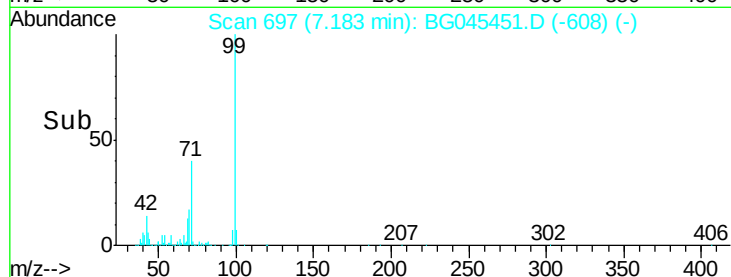
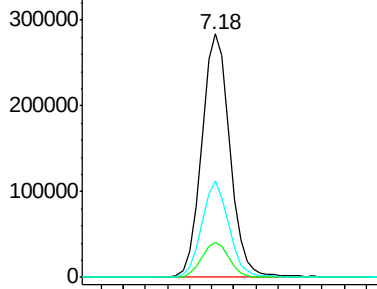
99 100

42 14.3 11.3 16.9

71 39.6 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: 2.260 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.07 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

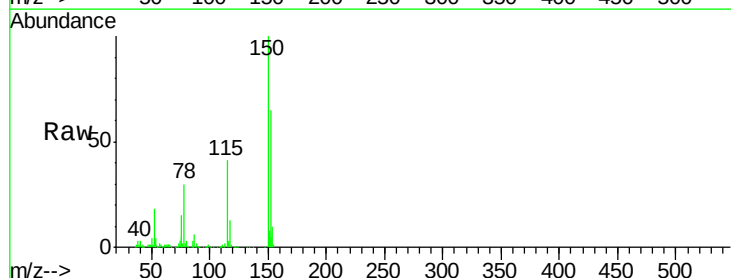
Tgt Ion: 79 Resp: 8259

Ion Ratio Lower Upper

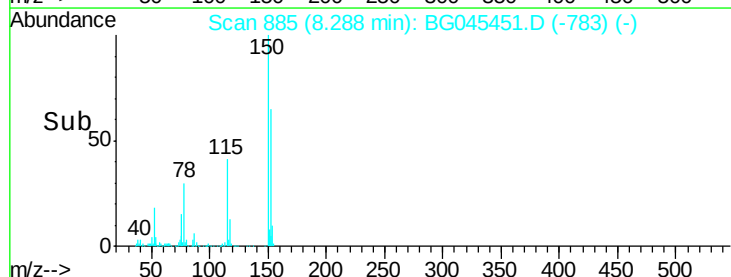
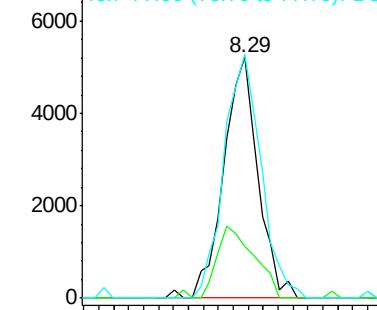
79 100

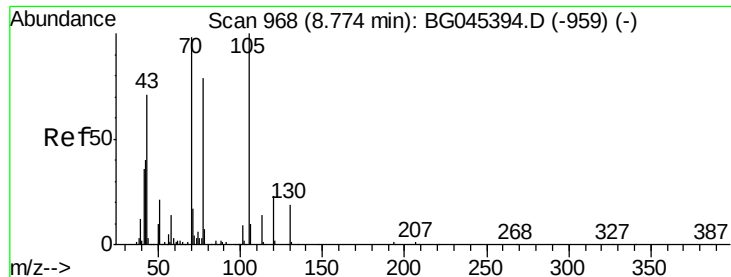
108 21.5 58.2 87.4#

77 101.2 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: 21.643 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.36 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 66213

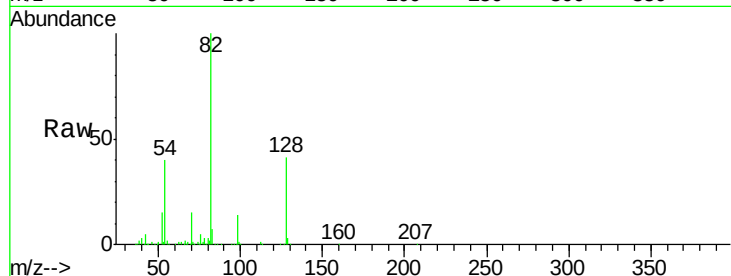
Ion Ratio Lower Upper

70 100

42 33.9 33.2 49.8

101 0.0 7.8 11.6#

130 1.6 15.4 23.2#

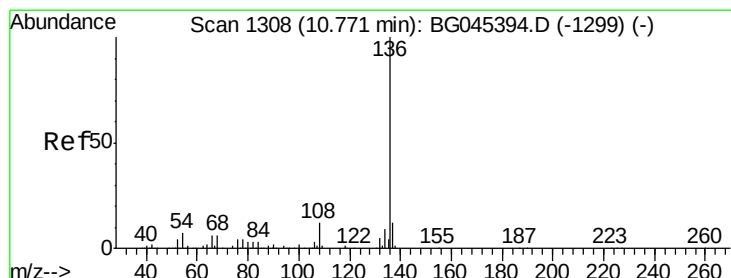
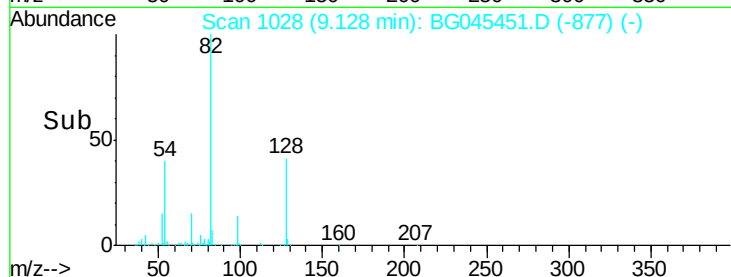
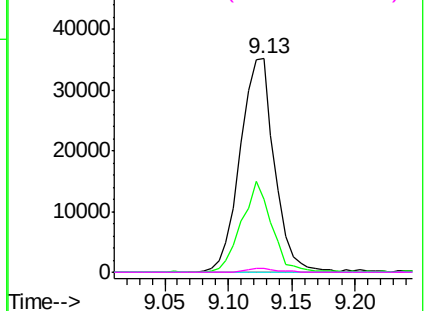


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Tgt Ion: 136 Resp: 247637

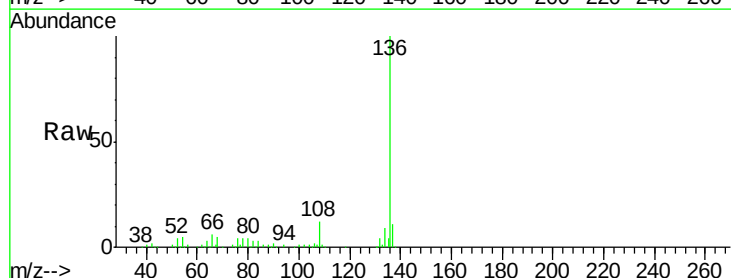
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.2

54 5.4 5.8 8.6#

68 5.1 4.5 6.7

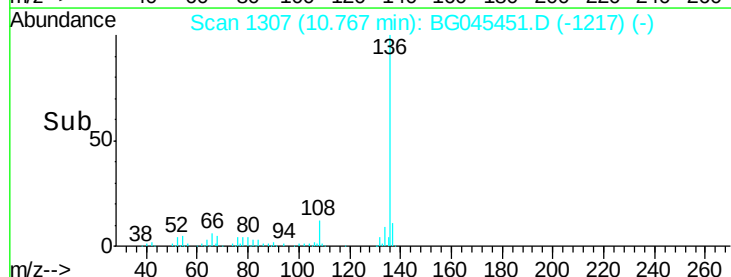
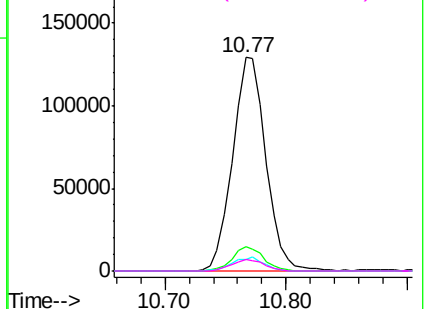


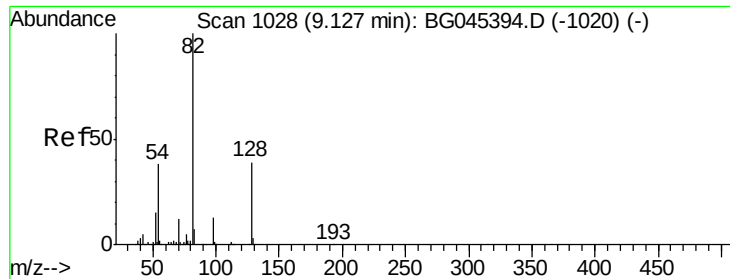
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

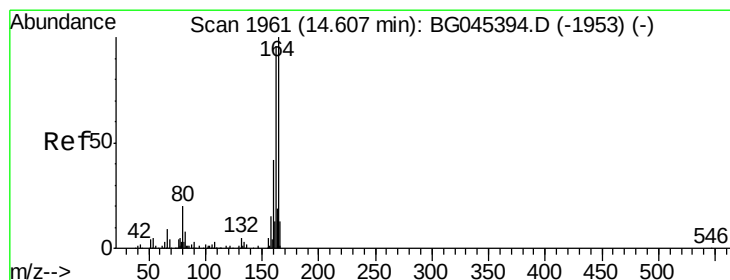
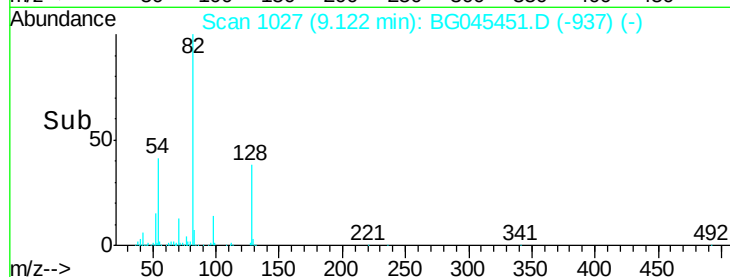
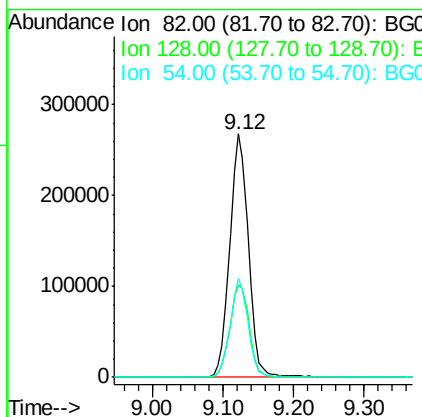
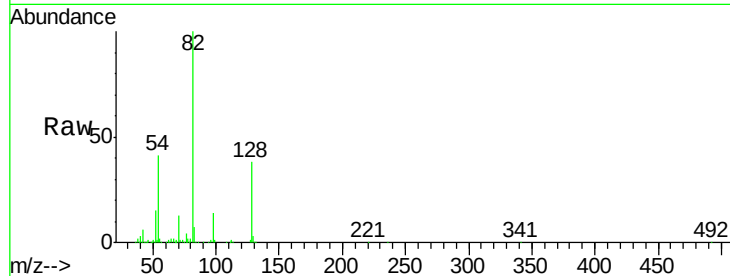




#23
 Nitrobenzene-d5
 Concen: 108.571 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

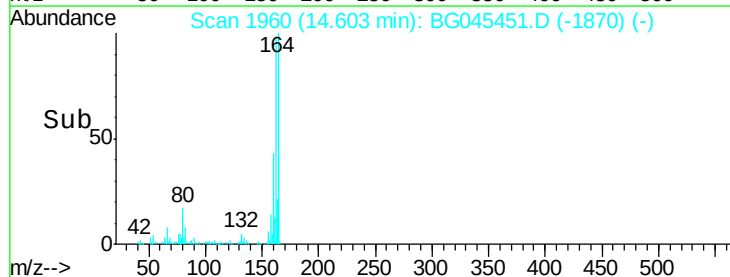
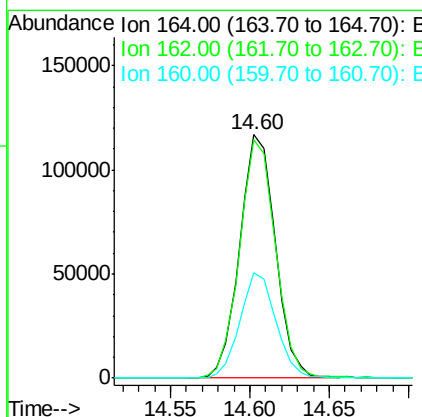
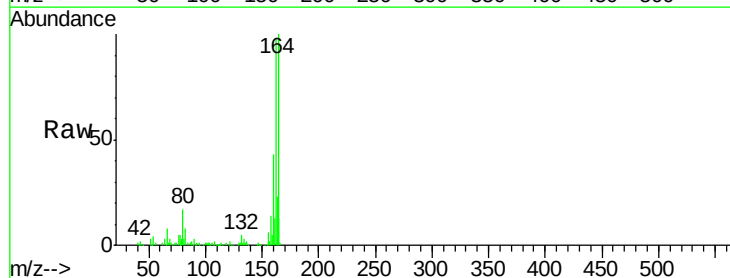
Instrument :
 BNA_G
 ClientSampleId :

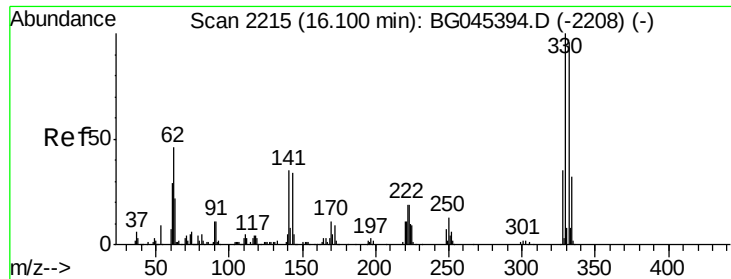
Tot Ion	82	Resp	493039
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.9	46.3
54	40.9	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

Tgt Ion	164	Resp	182768
Ion Ratio	Lower	Upper	
164	100		
162	98.0	76.9	115.3
160	43.1	33.8	50.8

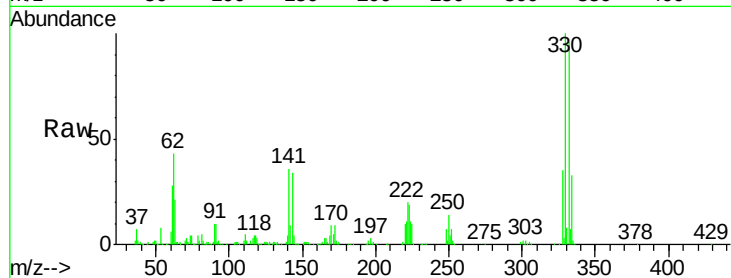




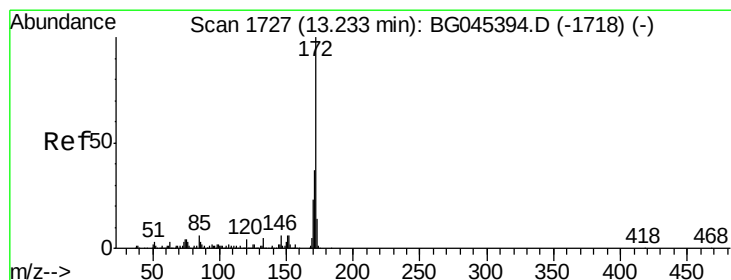
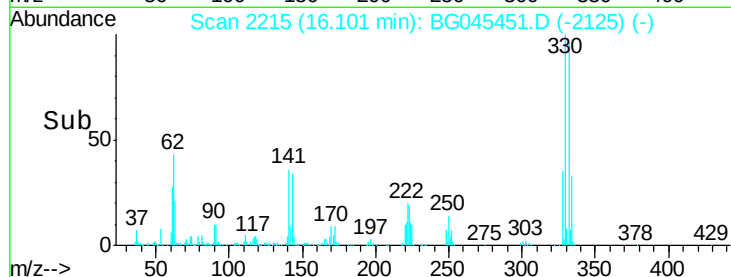
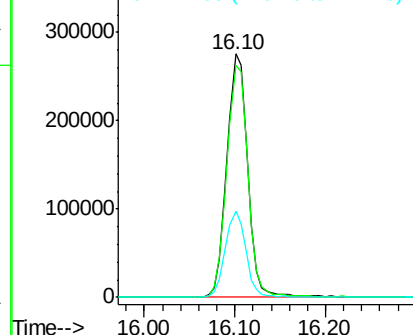
#42
 2,4,6-Tribromophenol
 Concen: 187.944 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	35.1	28.2	42.4

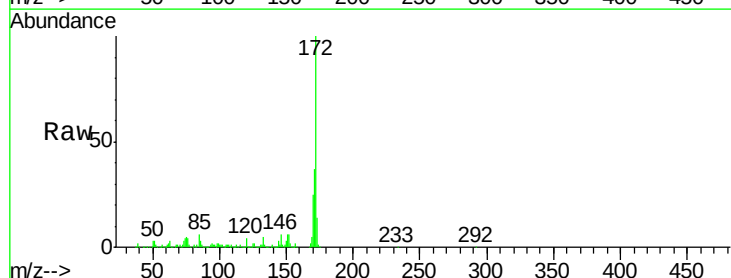


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

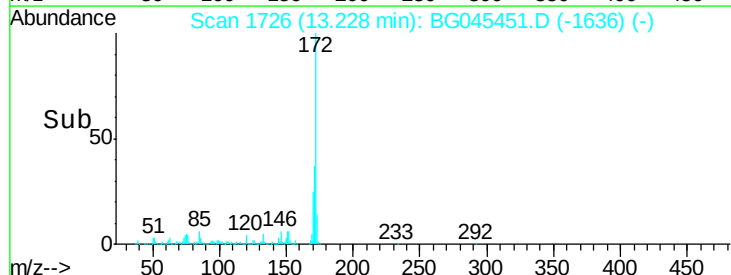
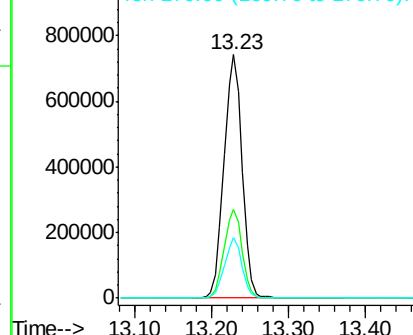


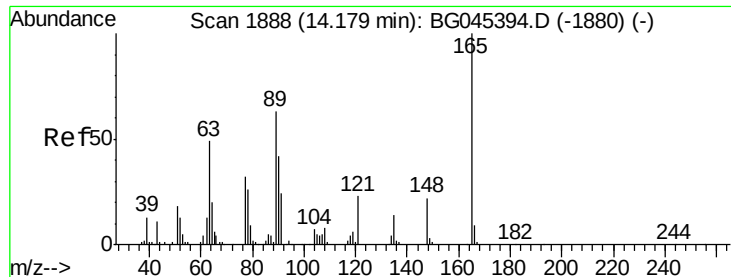
#45
 2-Fluorobiphenyl
 Concen: 112.053 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	24.9	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: 8.516 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.42 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Instrument :

BNA_G

ClientSampleId :

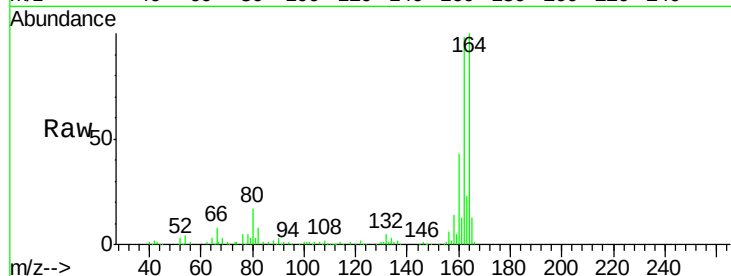
Tot Ion:165 Resp: 24094

Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.4#

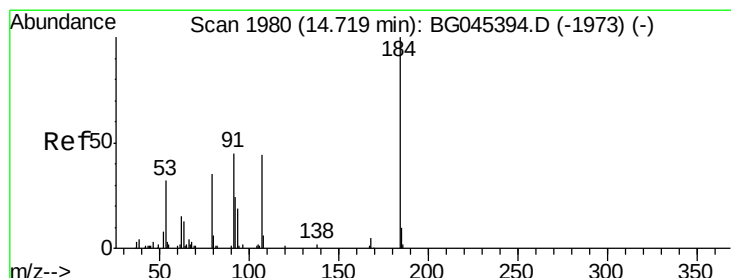
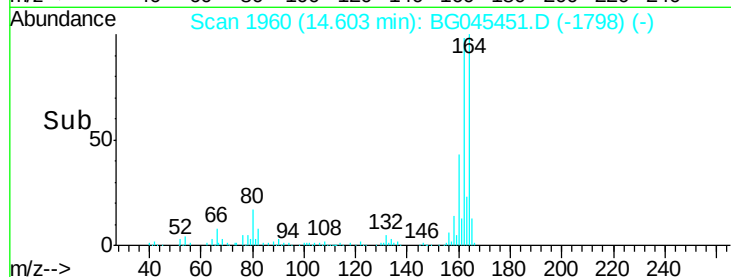
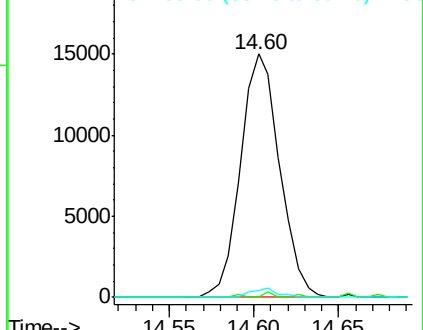
89 2.9 50.2 75.4#



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: 5.524 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.14 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

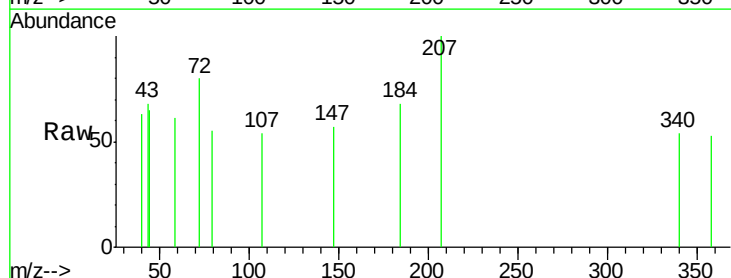
Tgt Ion:184 Resp: 130

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

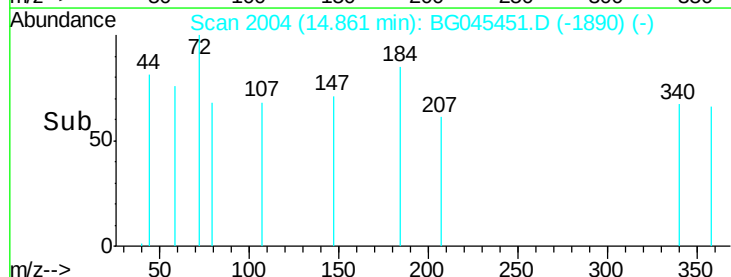
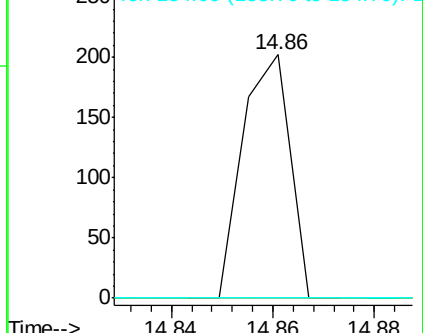
154 0.0 58.3 87.5#

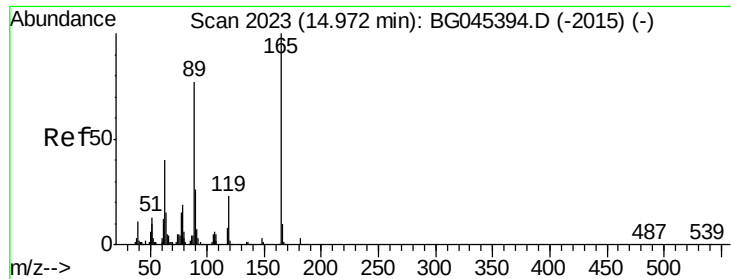


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

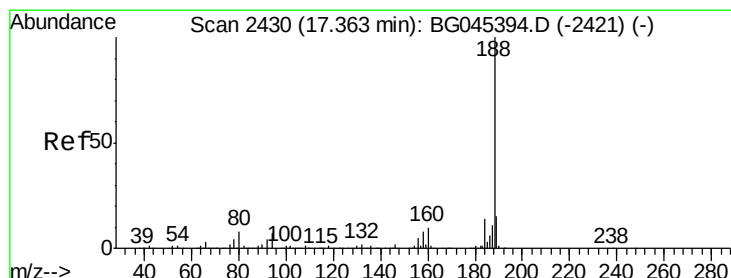
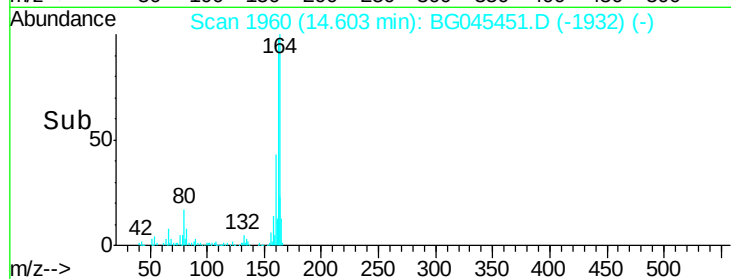
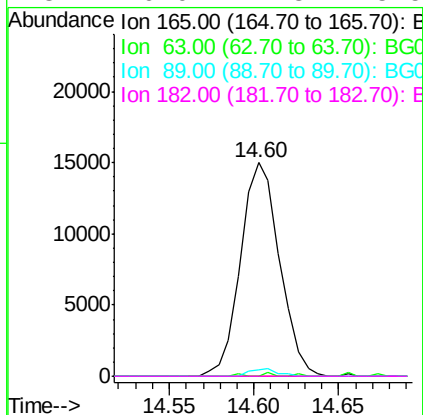
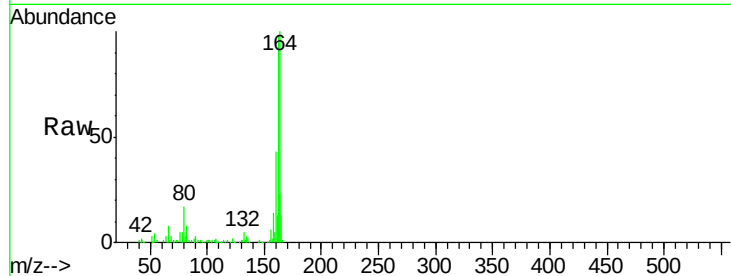




#57
 2,4-Dinitrotoluene
 Concen: 5.880 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.37 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

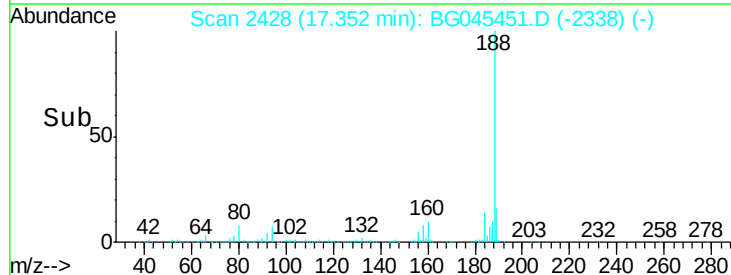
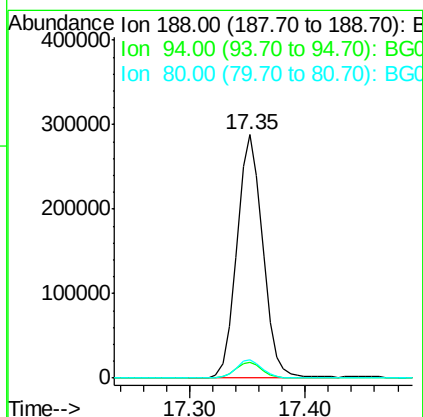
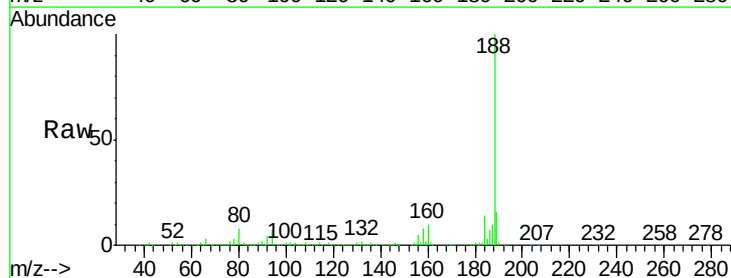
Instrument :
 BNA_G
 ClientSampleId :

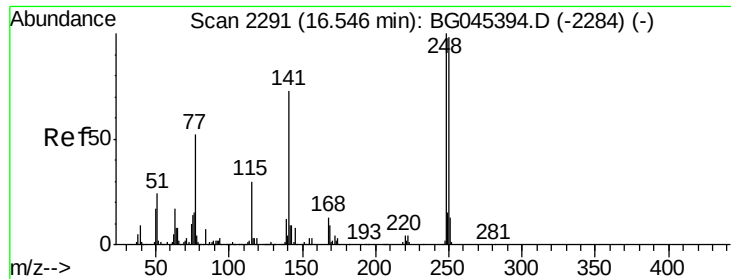
Tot Ion:165 Resp: 24094
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.5 48.7#
 89 2.9 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

Tgt Ion:188 Resp: 447220
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.5 8.3
 80 7.6 6.6 10.0

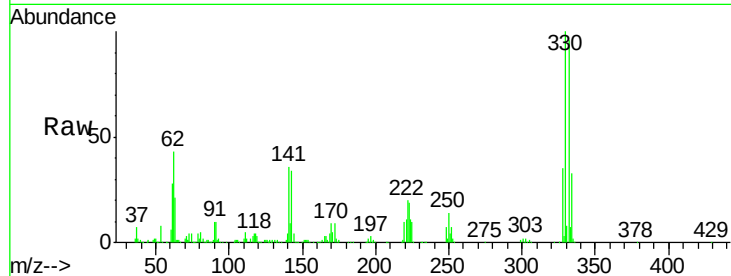




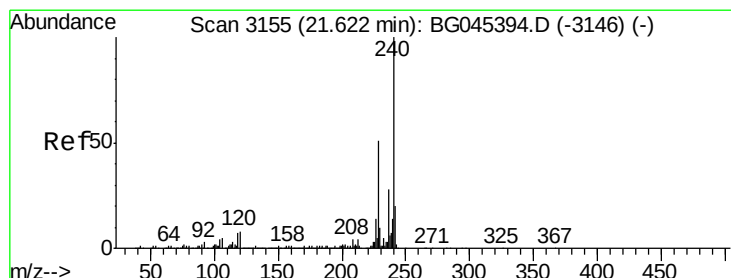
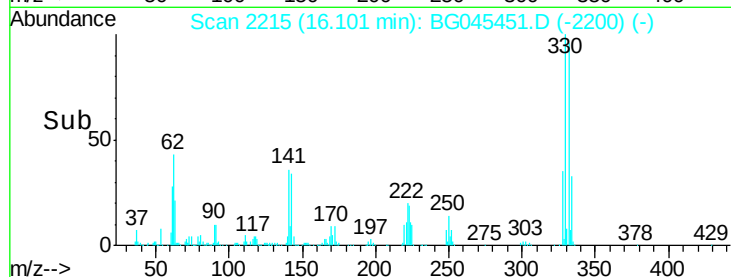
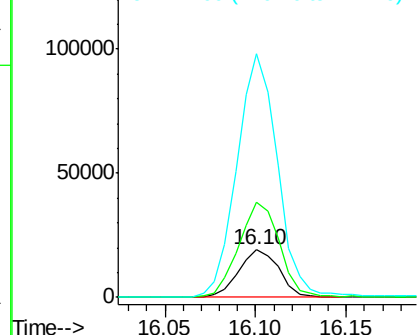
#67
4-Bromophenyl-phenylether
Concen: 6.138 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.44 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 29723
Ion Ratio Lower Upper
248 100
250 199.9 78.6 117.8#
141 513.9 58.2 87.2#

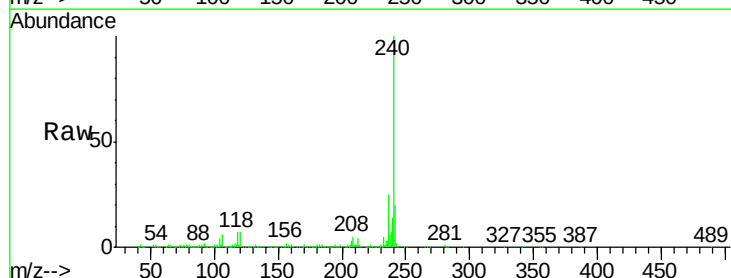


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

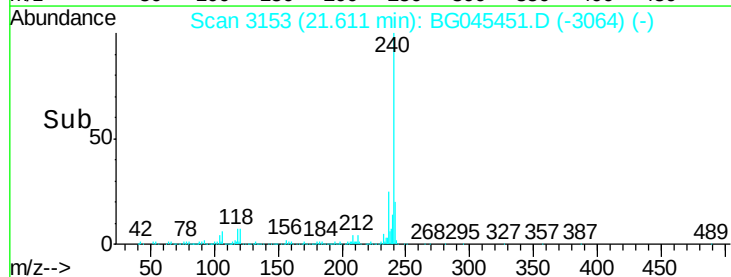
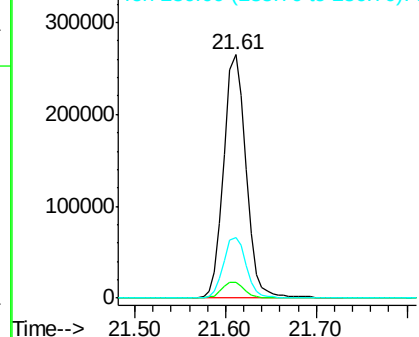


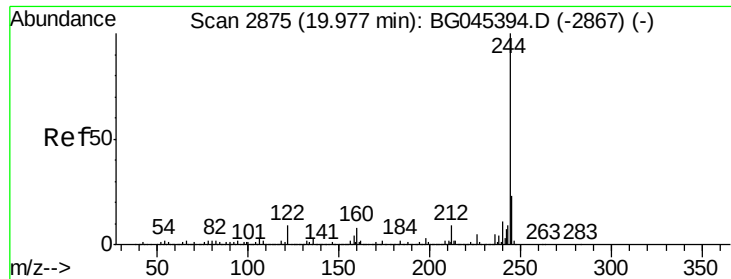
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

Tgt Ion:240 Resp: 455249
Ion Ratio Lower Upper
240 100
120 6.7 6.1 9.1
236 25.1 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





#79

Terphenyl-d14

Concen: 122.545 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

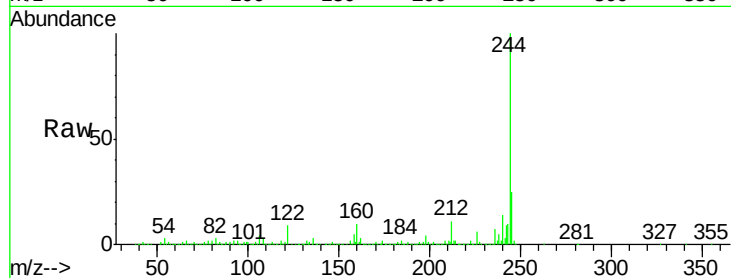
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2391987

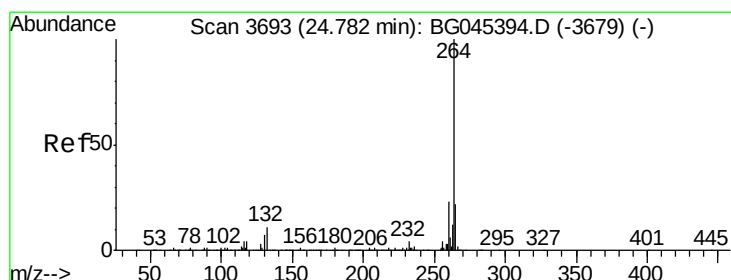
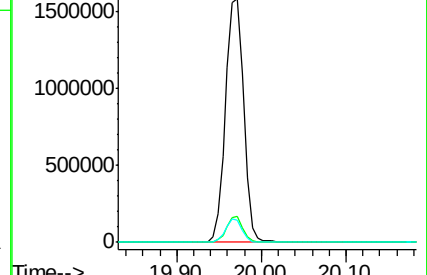
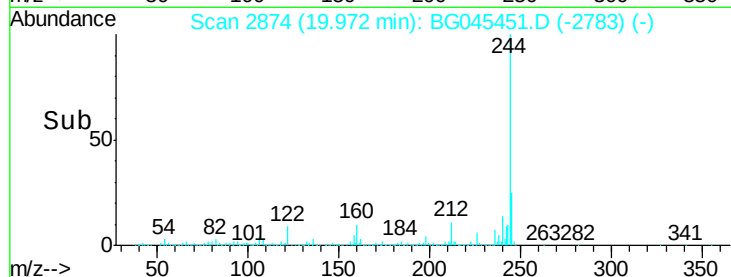
Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.4	11.0
122	9.2	6.8	10.2



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: 24.76 min Scan# 3689

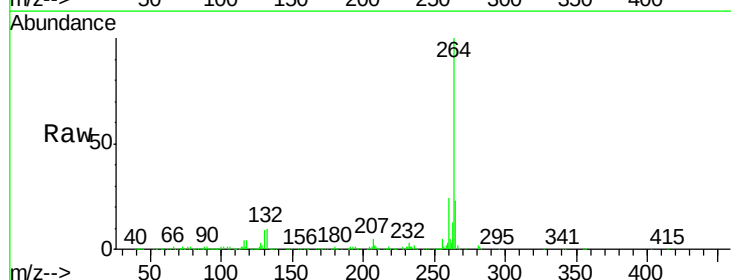
Delta R.T. -0.01 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Tgt Ion:264 Resp: 484424

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	23.2	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

