

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045588.D
 Acq On : 3 Jun 2020 19:40
 Operator : CG/JU
 Sample : L2838-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 02:50:23 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

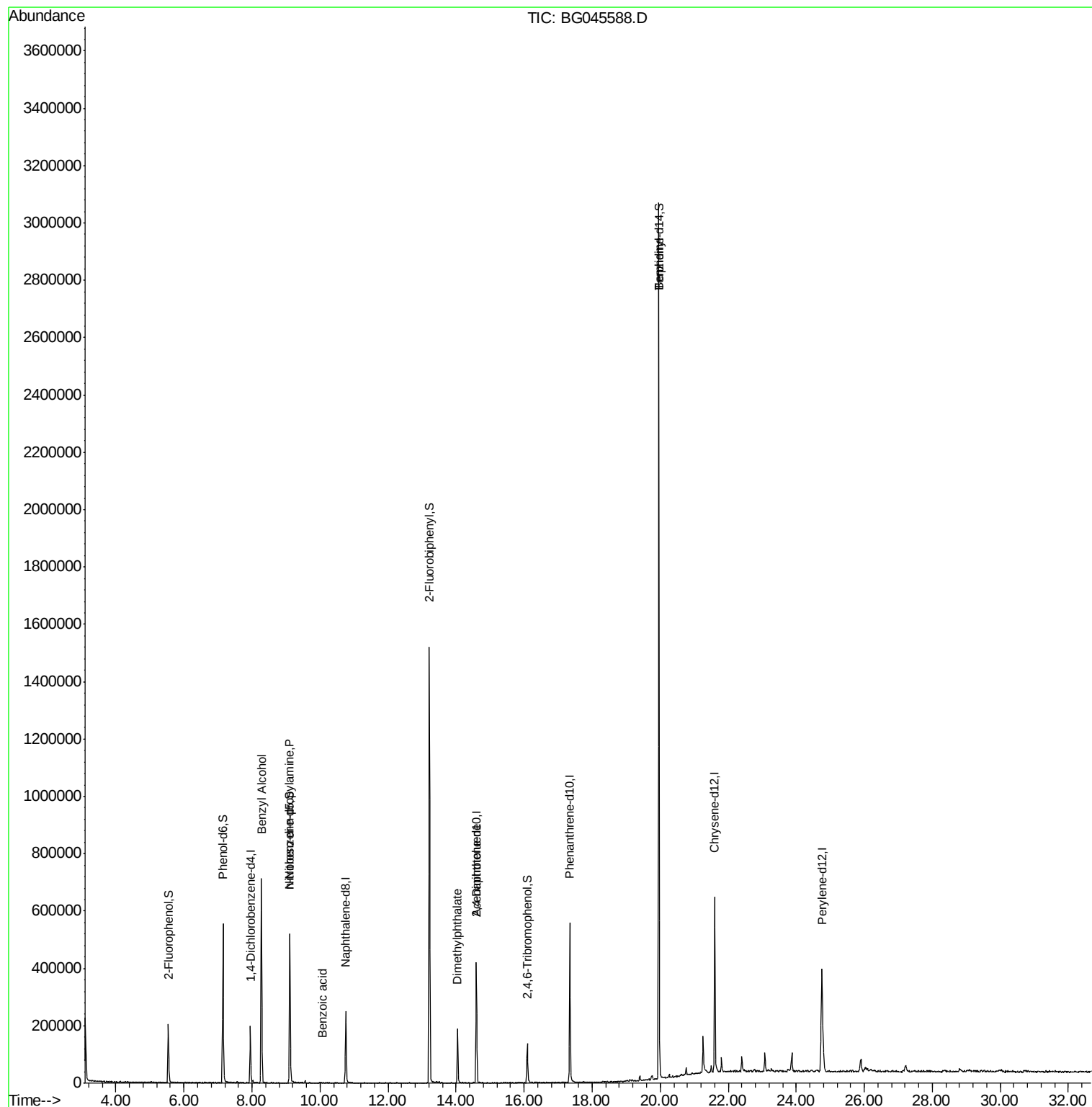
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58030	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	224113	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	160273	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	381906	20.00	ng	0.00
76) Chrysene-d12	21.60	240	380459	20.00	ng	0.00
87) Perylene-d12	24.75	264	407552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	102871	34.64	ng	0.00
7) Phenol-d6	7.15	99	381593	90.29	ng	0.00
23) Nitrobenzene-d5	9.11	82	373147	90.79	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	34322	16.74	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	869876	92.06	ng	0.00
79) Terphenyl-d14	19.96	244	1582019	96.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	7220	2.068	ng	# 62
19) n-Nitroso-di-n-propylamine	9.11	70	50364	17.233	ng	# 80
32) Benzoic acid	10.08	122	67	10.050	ng	# 1
50) Dimethylphthalate	14.04	163	140789	12.805	ng	99
57) 2,4-Dinitrotoluene	14.60	165	19955	5.554	ng	# 24
77) Benzidine	19.96	184	28312	2.650	ng	# 89

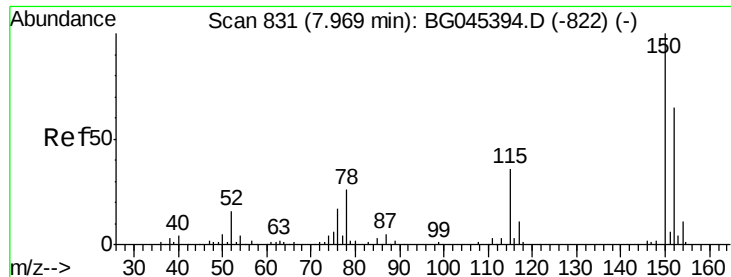
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



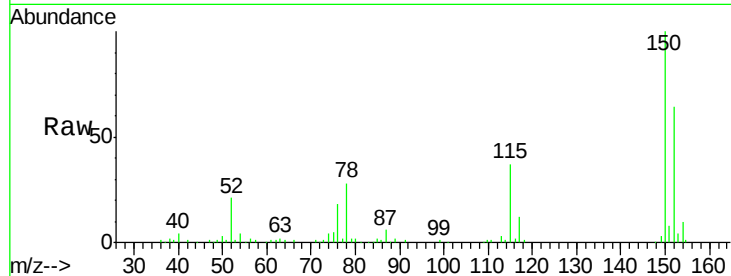


#1

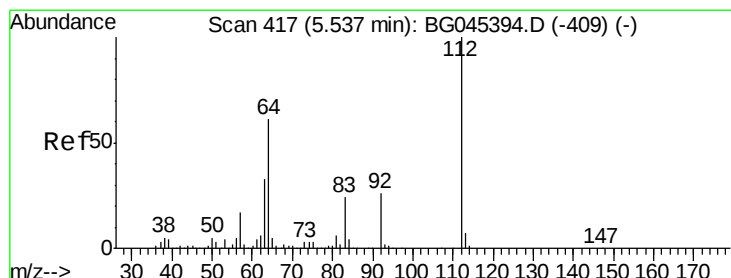
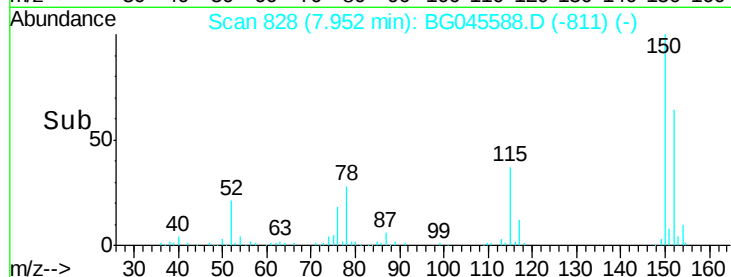
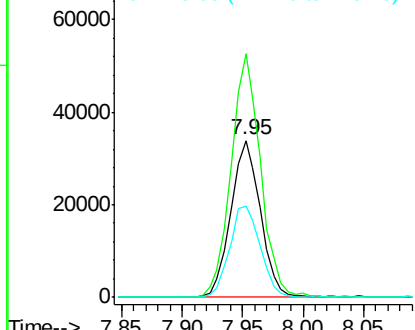
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58030
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 58.2 44.2 66.4



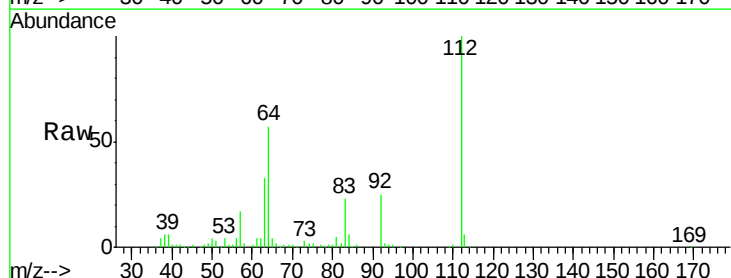
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



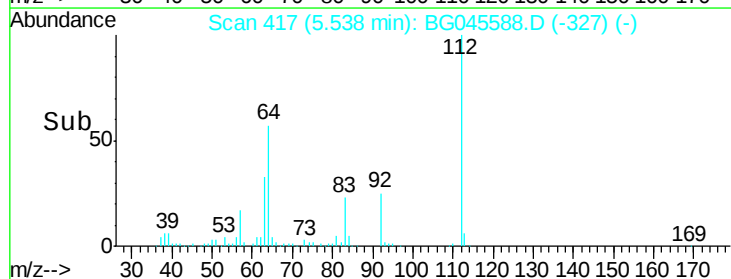
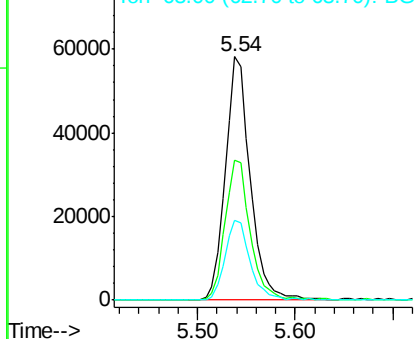
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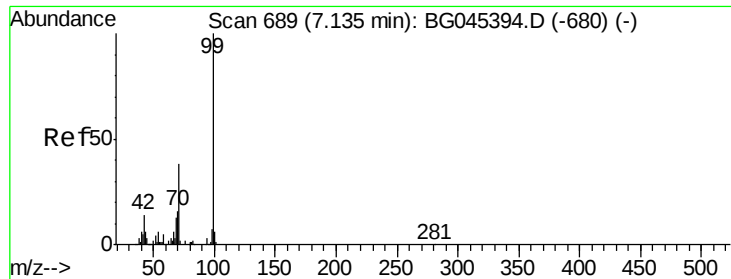
2-Fluorophenol
Concen: 34.644 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Tgt Ion:112 Resp: 102871
Ion Ratio Lower Upper
112 100
64 57.3 48.6 72.8
63 32.6 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 90.290 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

Instrument :

BNA_G

ClientSampleId :

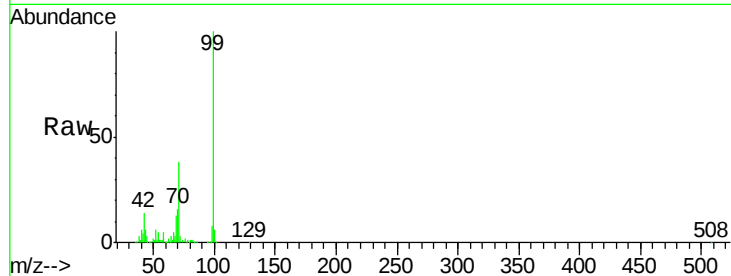
Tot Ion: 99 Resp: 381593

Ion Ratio Lower Upper

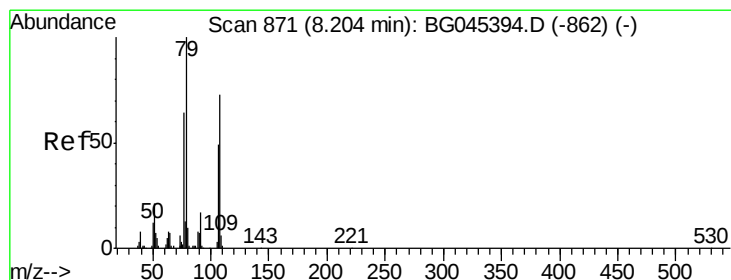
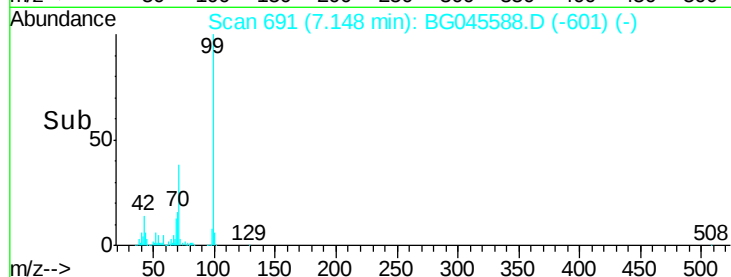
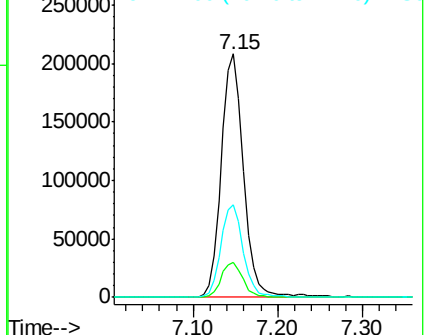
99 100

42 14.5 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: 2.068 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

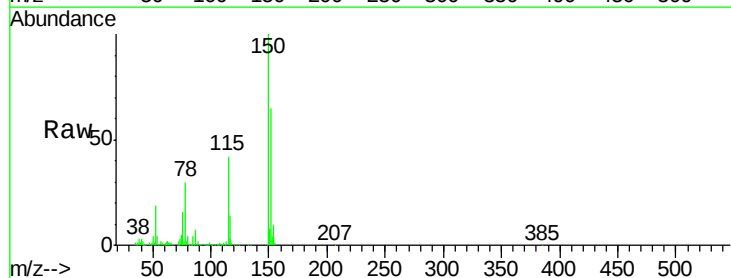
Tgt Ion: 79 Resp: 7220

Ion Ratio Lower Upper

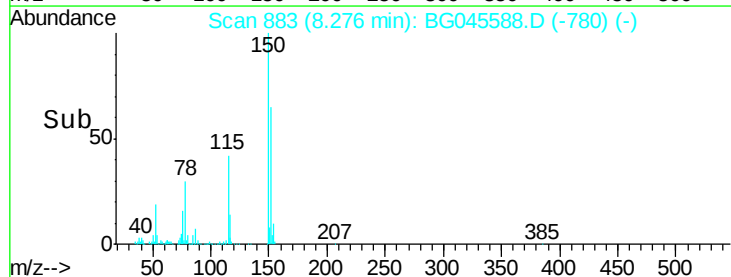
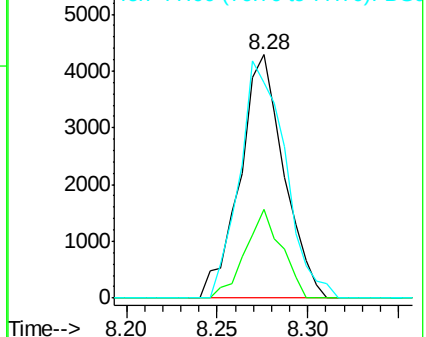
79 100

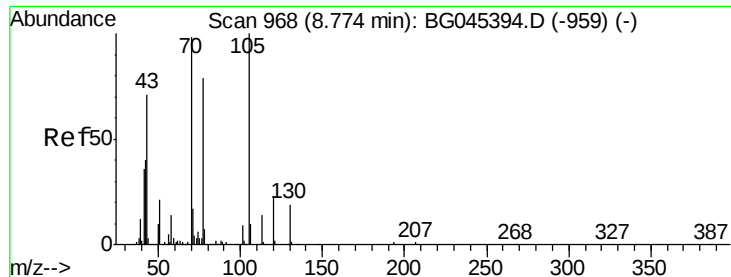
108 36.7 58.2 87.4#

77 88.5 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

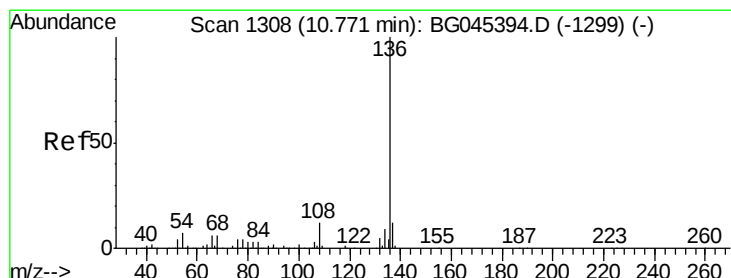
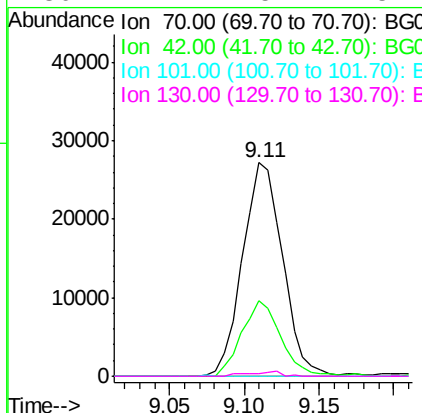
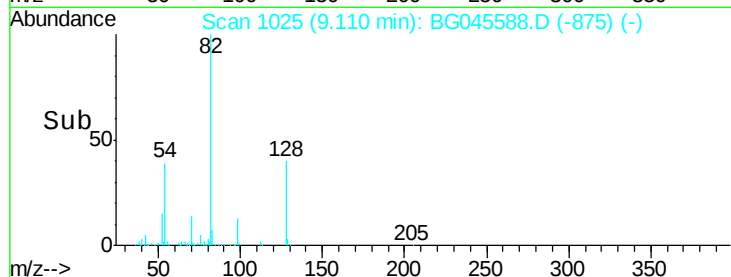
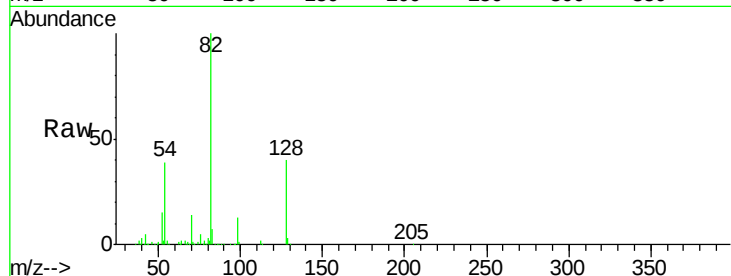




#19
n-Nitroso-di-n-propylamine
Concen: 17.233 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

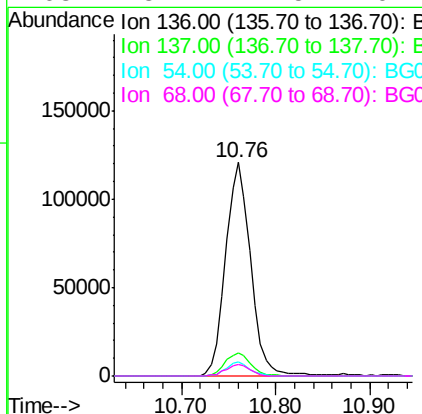
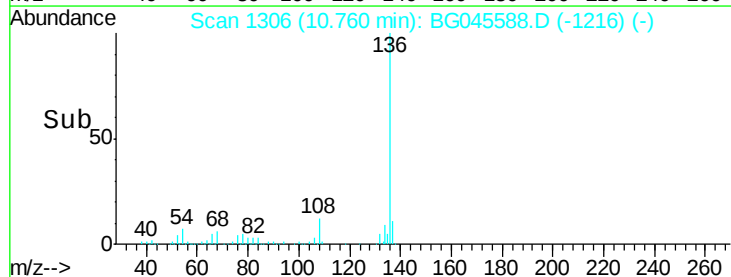
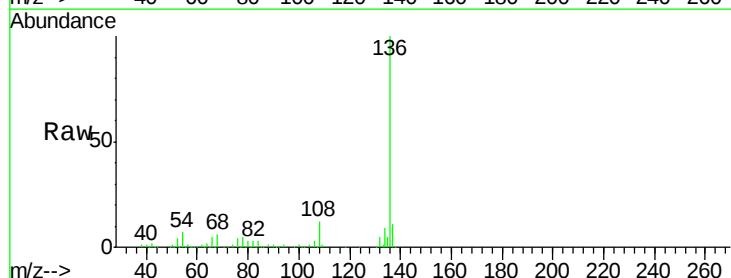
Instrument :
BNA_G
ClientSampleId :

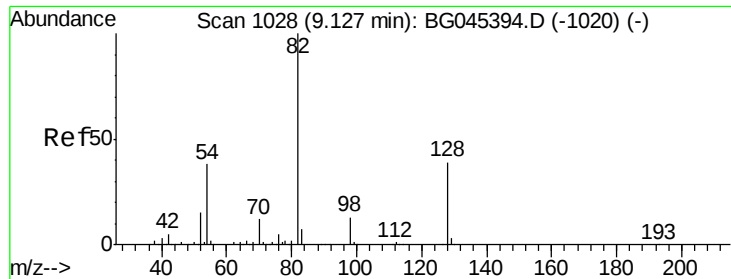
Tot Ion: 70 Resp: 50364
Ion Ratio Lower Upper
70 100
42 35.4 33.2 49.8
101 0.0 7.8 11.6#
130 1.1 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Tgt Ion: 136 Resp: 224113
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 6.8 5.8 8.6
68 5.7 4.5 6.7

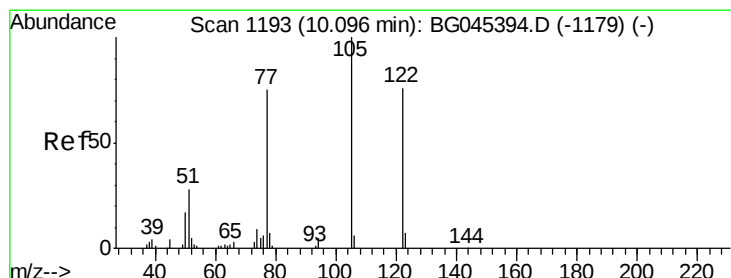
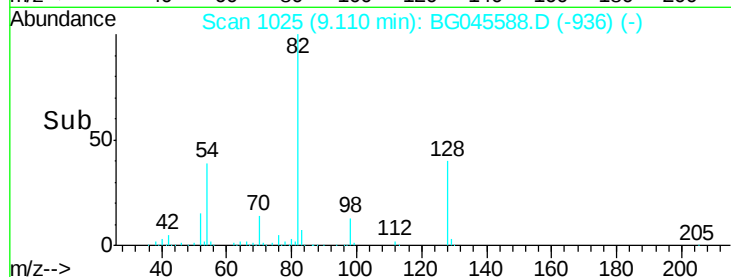
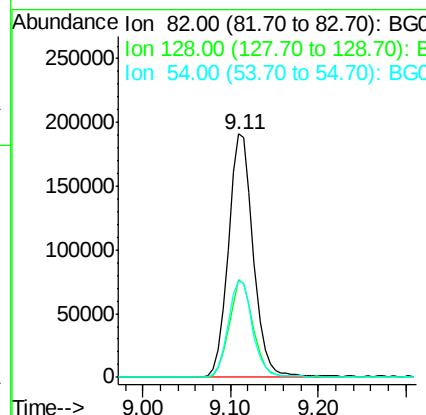
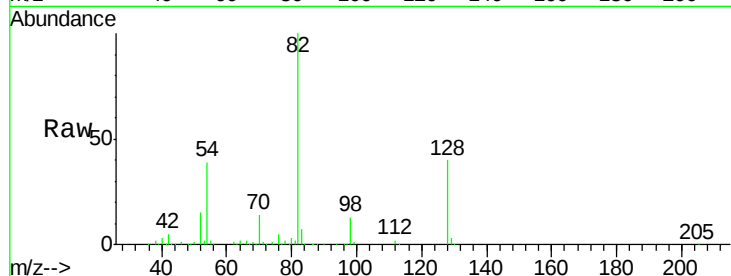




#23
Nitrobenzene-d5
Concen: 90.795 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

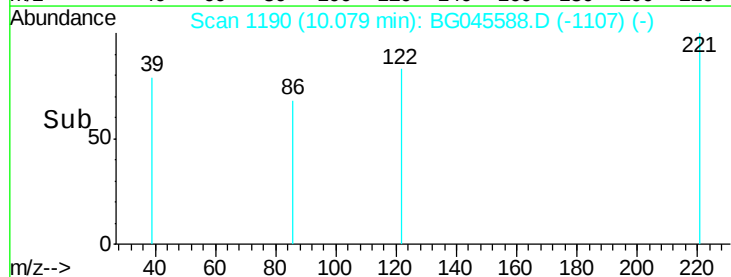
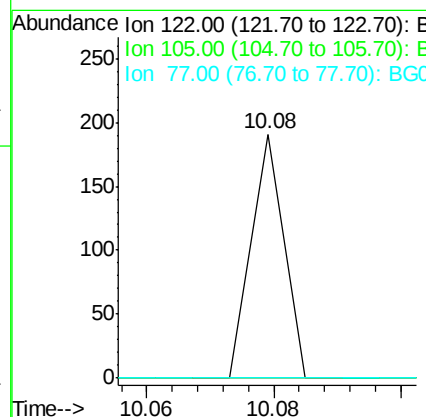
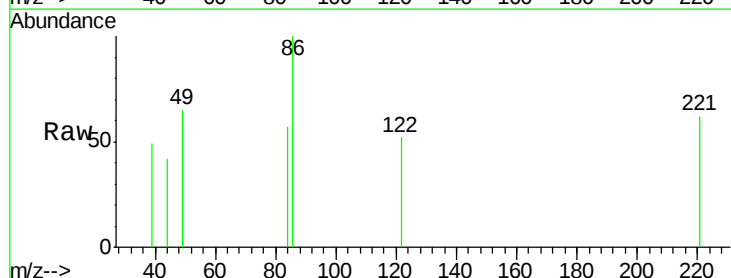
Instrument :
BNA_G
ClientSampleId :

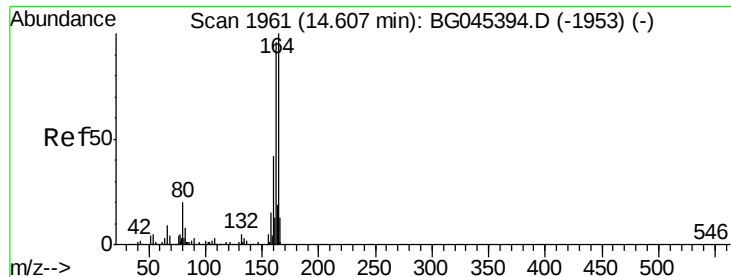
Tot Ion	82	Resp	373147
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.9	46.3
54	39.4	30.3	45.5



#32
Benzoic acid
Concen: 10.050 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Tgt Ion	122	Resp	67
Ion Ratio	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: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

Instrument :

BNA_G

ClientSampled :

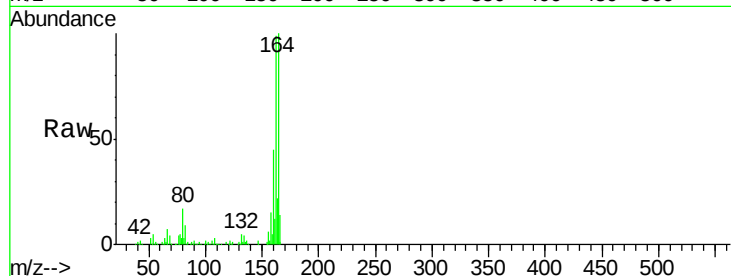
Tot Ion:164 Resp: 160273

Ion Ratio Lower Upper

164 100

162 99.1 76.9 115.3

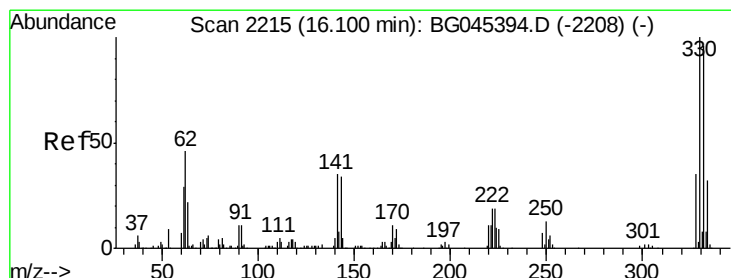
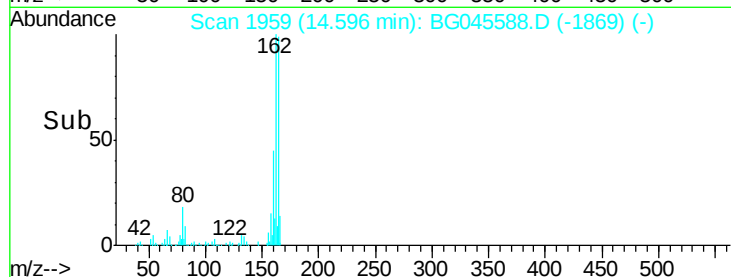
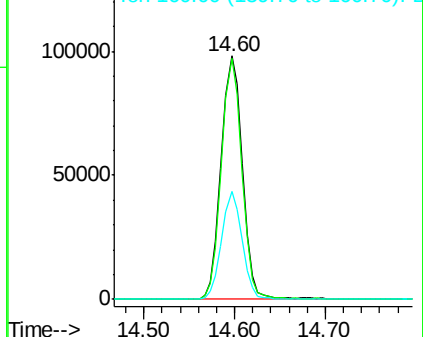
160 44.5 33.8 50.8



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: 16.745 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

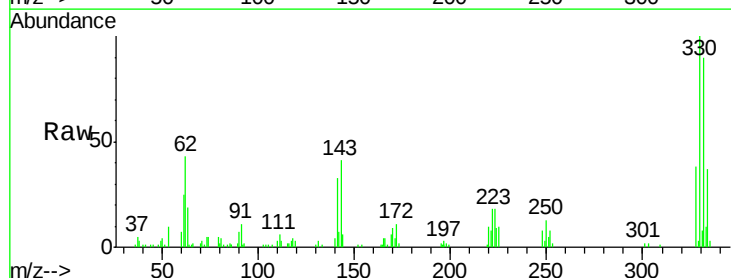
Tgt Ion:330 Resp: 34322

Ion Ratio Lower Upper

330 100

332 92.6 78.2 117.4

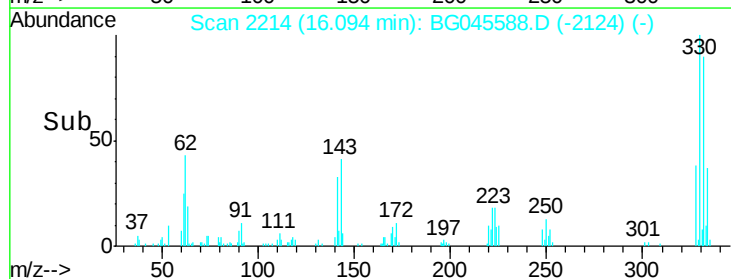
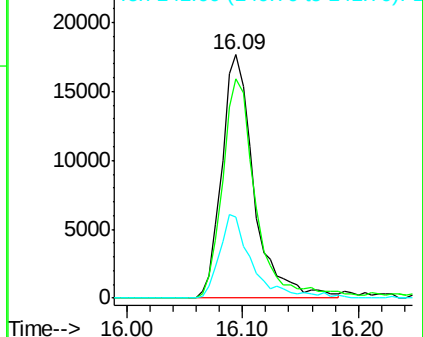
141 33.9 28.2 42.4

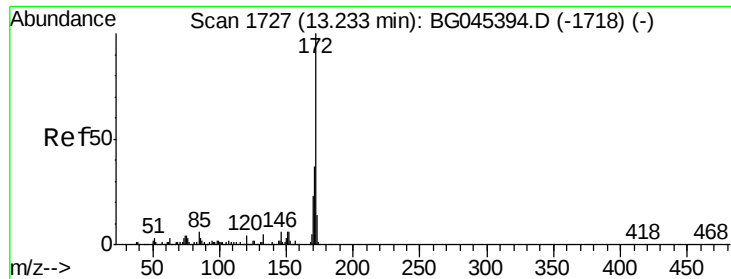


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

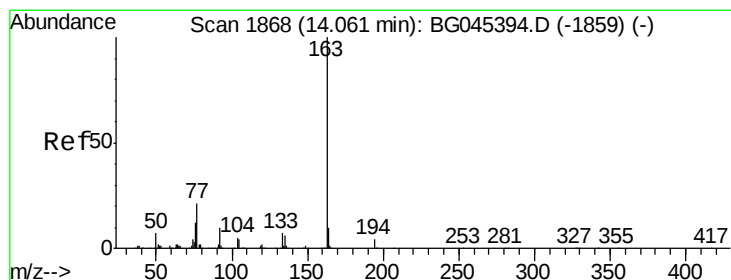
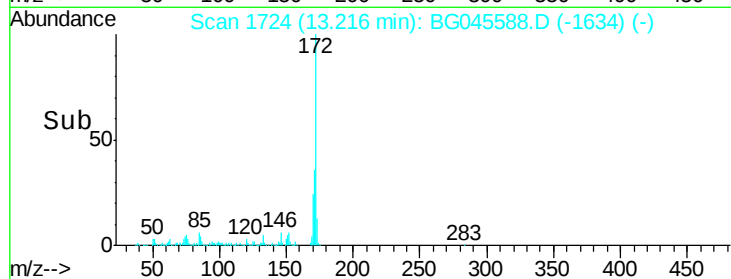
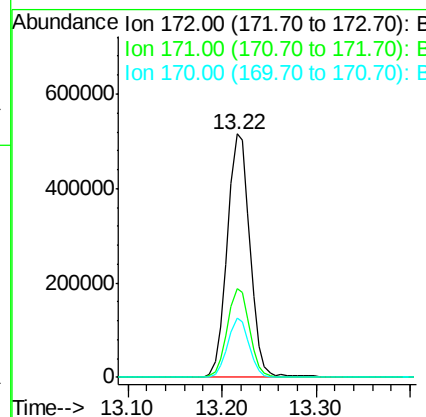
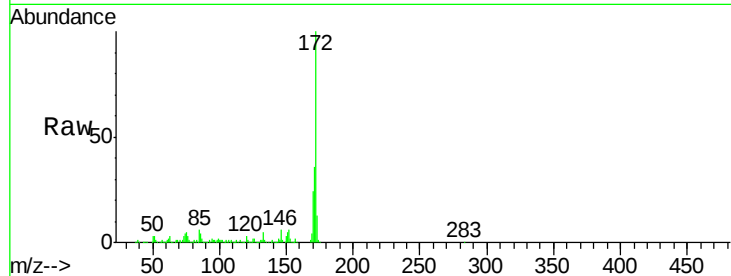




#45
2-Fluorobiphenyl
Concen: 92.061 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

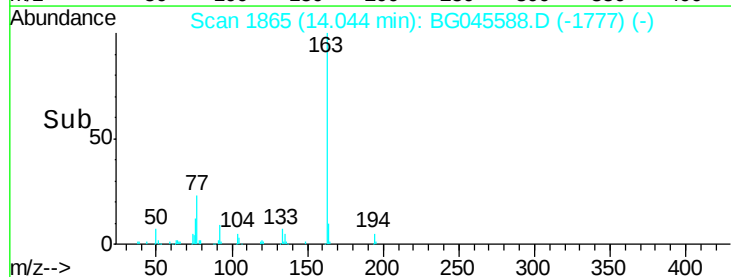
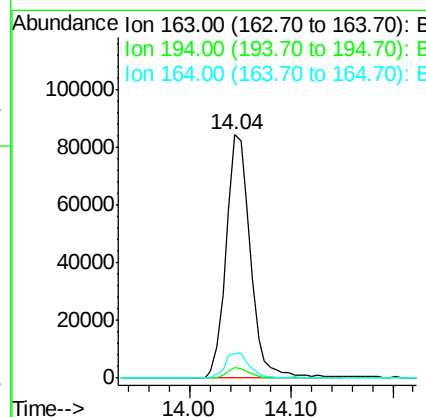
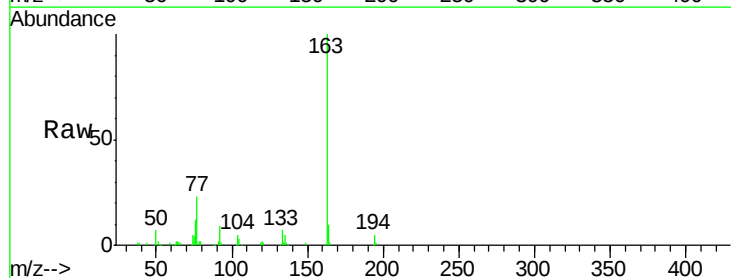
Instrument :
BNA_G
ClientSampleId :

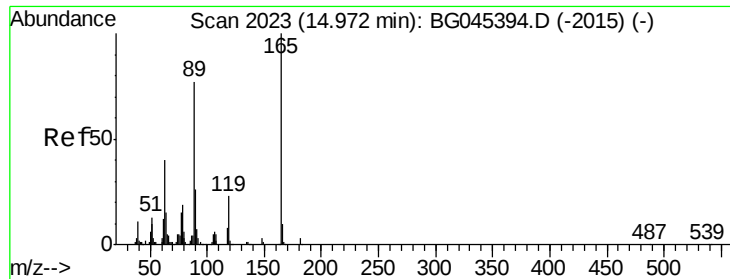
Tot Ion:172 Resp: 869876
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 24.1 18.5 27.7



#50
Dimethylphthalate
Concen: 12.805 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Tgt Ion:163 Resp: 140789
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.0 8.3 12.5

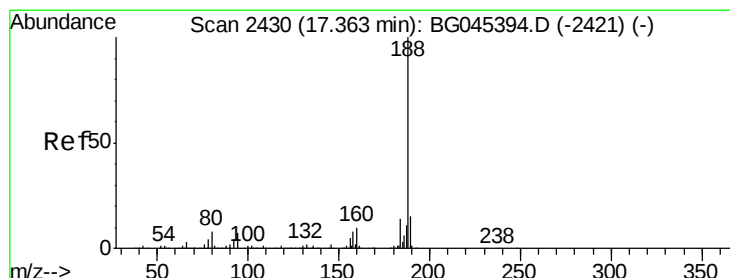
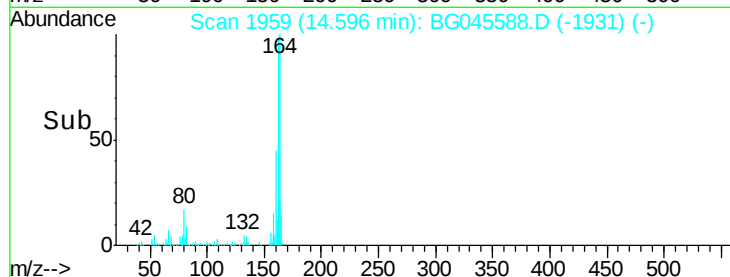
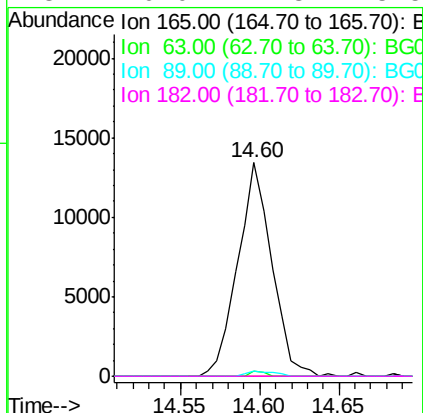
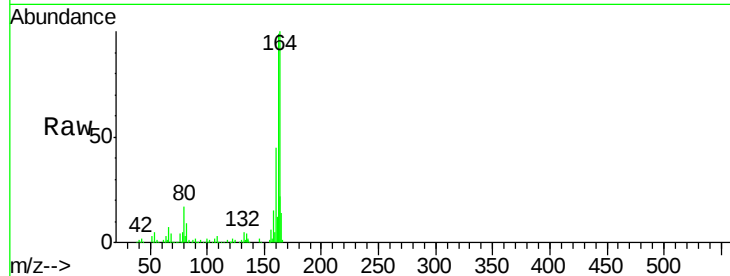




#57
 2,4-Dinitrotoluene
 Concen: 5.554 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.36 min
 Lab File: BG045588.D
 Acq: 3 Jun 2020 19:40

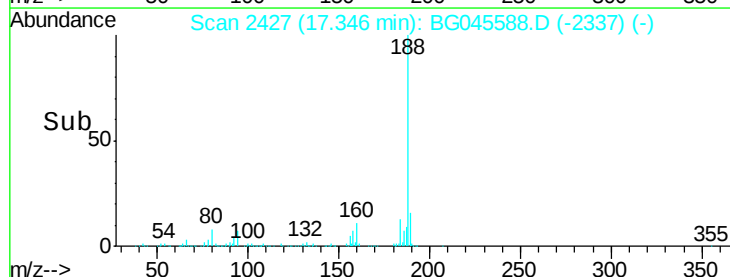
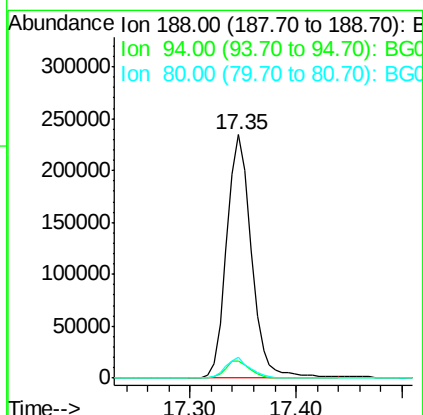
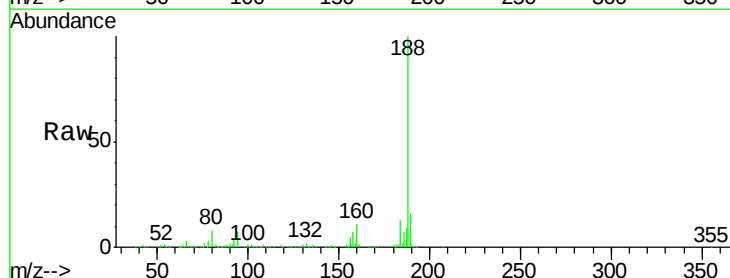
Instrument :
 BNA_G
 ClientSampleId :

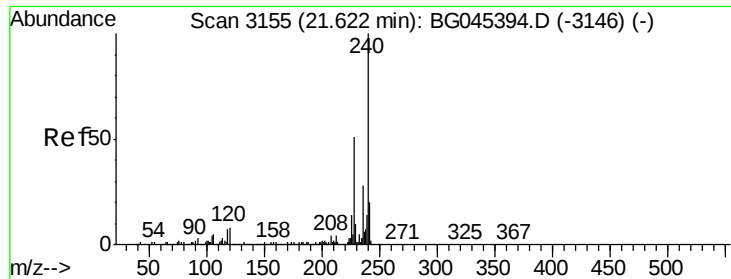
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	32.5	48.7#
89	2.5	61.8	92.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG045588.D
 Acq: 3 Jun 2020 19:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.5	8.3
80	8.4	6.6	10.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

Instrument :

BNA_G

ClientSampleId :

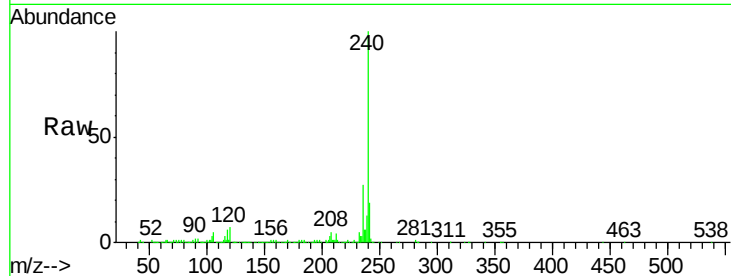
Tot Ion:240 Resp: 380459

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

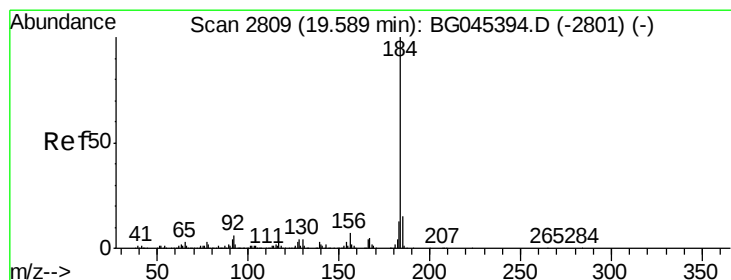
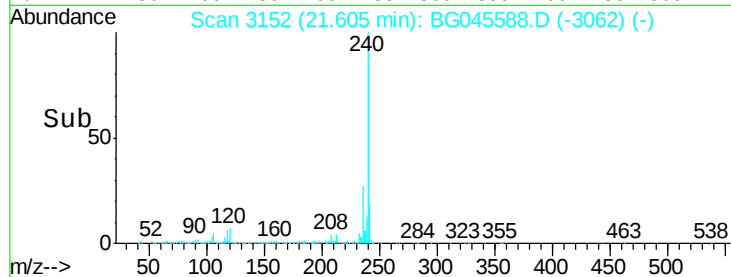
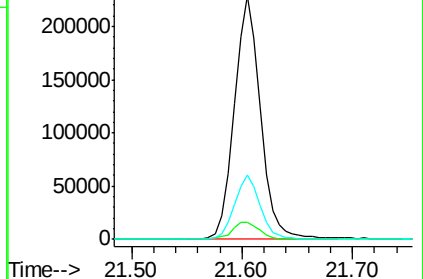
236 26.7 22.3 33.5



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: 2.650 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

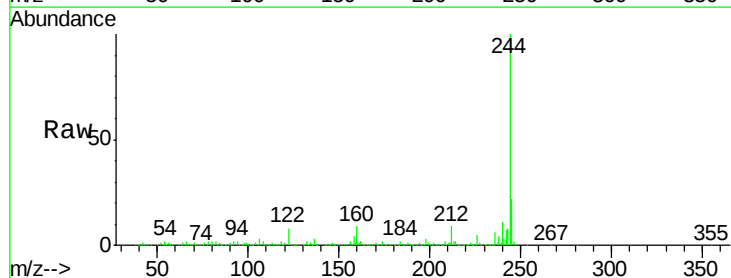
Tgt Ion:184 Resp: 28312

Ion Ratio Lower Upper

184 100

185 18.3 11.7 17.5#

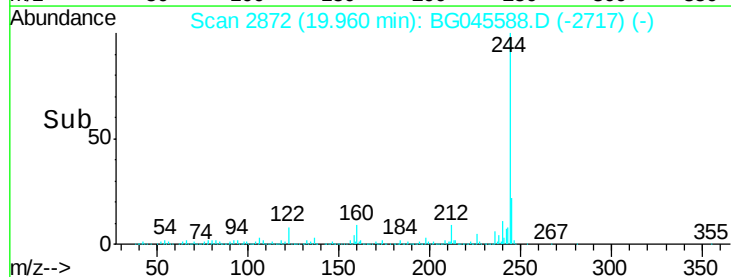
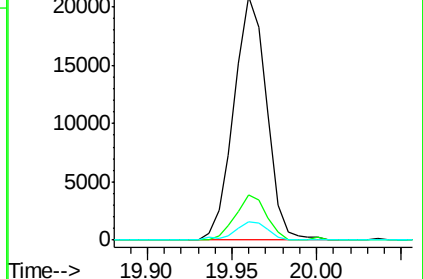
183 7.7 10.2 15.4#

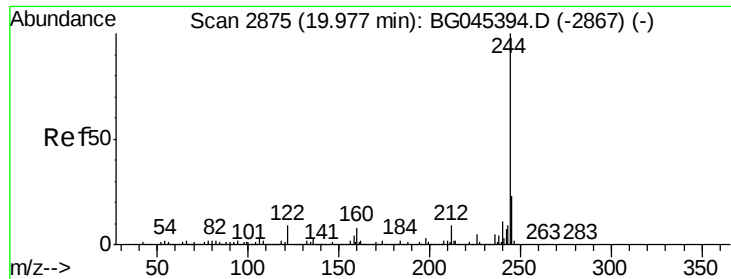


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 96.981 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

Instrument :

BNA_G

ClientSampleId :

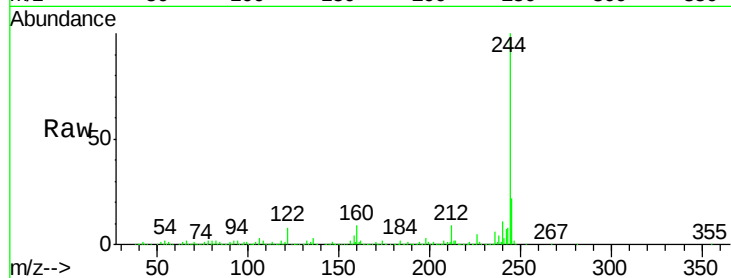
Tot Ion:244 Resp: 1582019

Ion Ratio Lower Upper

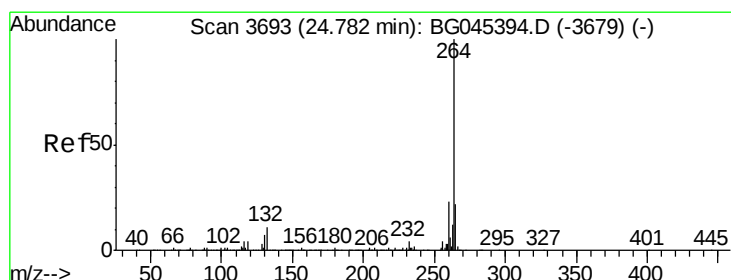
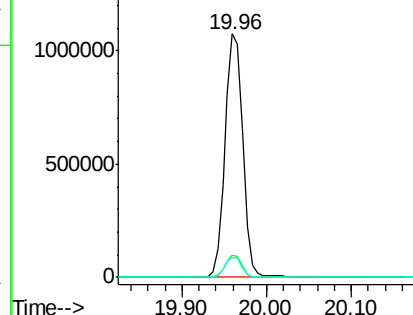
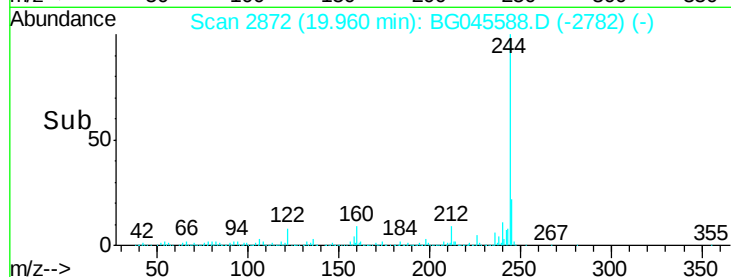
244 100

212 8.9 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: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

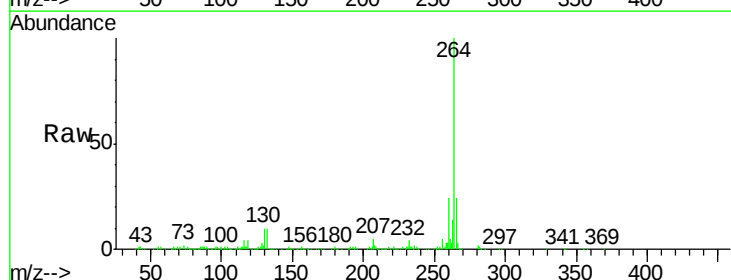
Tgt Ion:264 Resp: 407552

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 23.8 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

