

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045507.D
 Acq On : 28 May 2020 21:39
 Operator : CG/JU
 Sample : L2500-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-052220

Quant Time: May 29 01:43:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

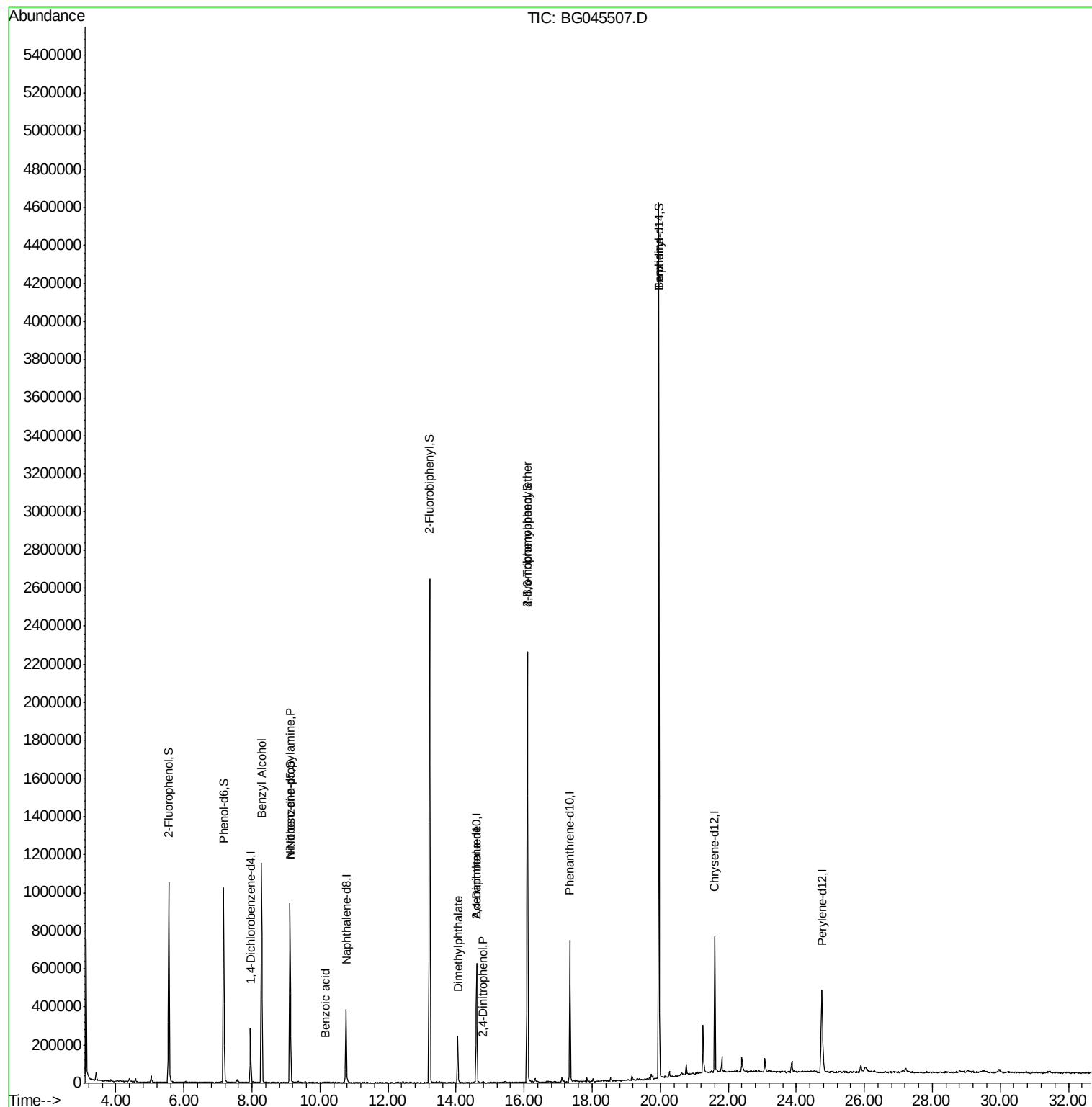
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	85586	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	342202	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	236456	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	501415	20.00	ng	0.00
76) Chrysene-d12	21.60	240	462262	20.00	ng	0.00
87) Perylene-d12	24.75	264	494205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	514110	117.39	ng	0.00
7) Phenol-d6	7.16	99	689307	110.59	ng	0.00
23) Nitrobenzene-d5	9.12	82	643633	102.57	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	480080	158.76	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1469059	105.38	ng	0.00
79) Terphenyl-d14	19.96	244	2161066	109.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	10924	2.122	ng	# 43
19) n-Nitroso-di-n-propylamine	9.12	70	90003	20.881	ng	# 81
32) Benzoic acid	10.16	122	546	10.171	ng	# 90
50) Dimethylphthalate	14.05	163	165583	10.208	ng	# 99
54) 2,4-Dinitrophenol	14.81	184	89	5.494	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	32190	6.072	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	32782	6.038	ng	# 1
77) Benzidine	19.96	184	42109	3.243	ng	# 86

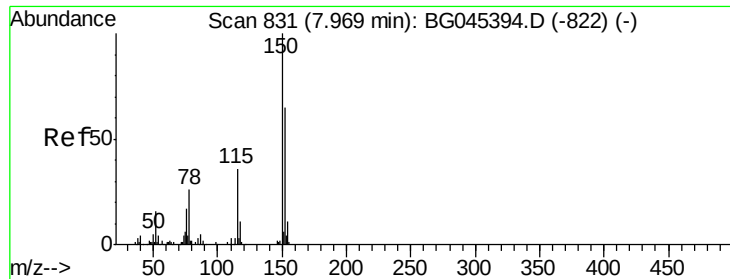
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045507.D
Acq On : 28 May 2020 21:39
Operator : CG/JU
Sample : L2500-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-052220

Quant Time: May 29 01:43:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration



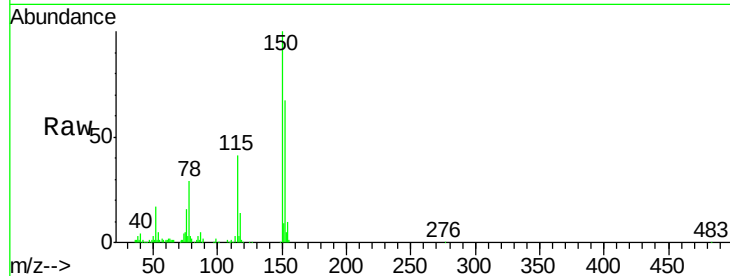


#1

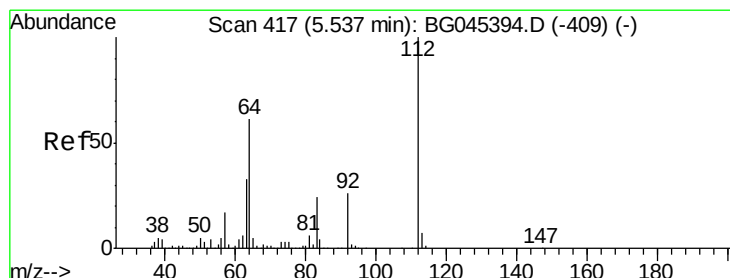
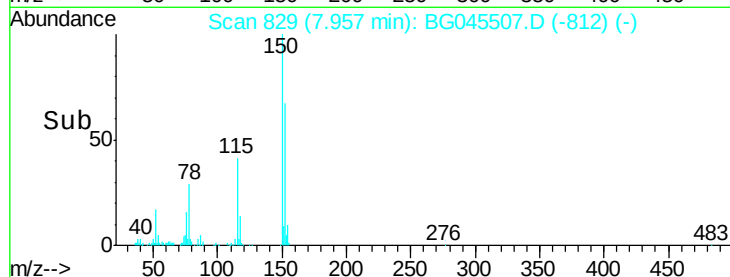
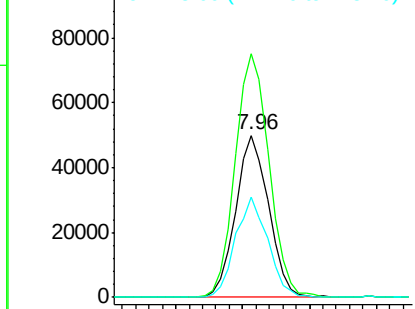
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

Instrument :
BNA_G
ClientSampleId :
OK-03-052220

Tot Ion:152 Resp: 85586
Ion Ratio Lower Upper
152 100
150 150.2 122.4 183.6
115 62.1 44.2 66.4



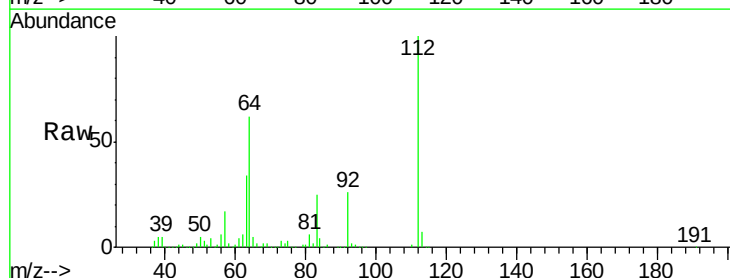
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



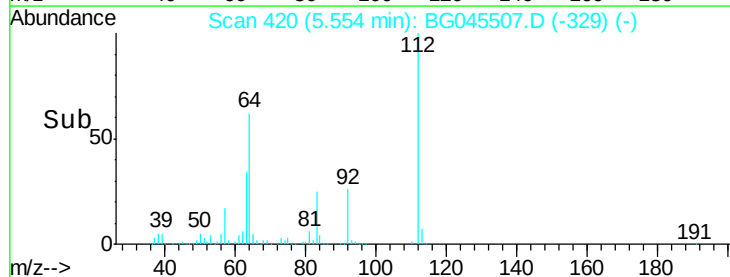
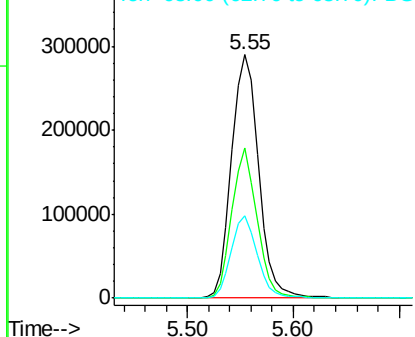
#5

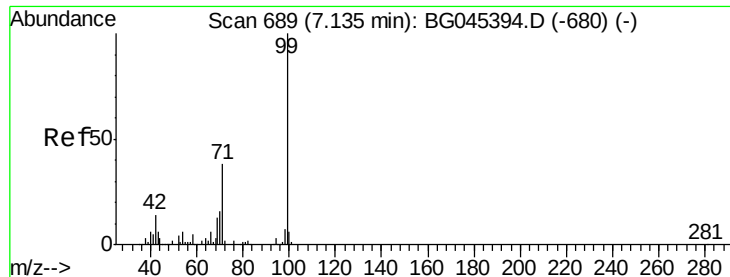
2-Fluorophenol
Concen: 117.393 ng
RT: 5.55 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

Tgt Ion:112 Resp: 514110
Ion Ratio Lower Upper
112 100
64 61.6 48.6 72.8
63 33.6 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: 110.587 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

Instrument :

BNA_G

ClientSampleId :

OK-03-052220

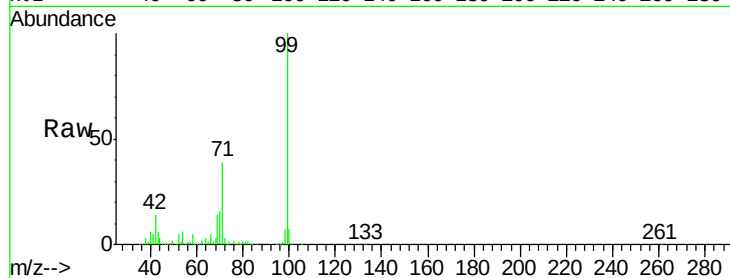
Tot Ion: 99 Resp: 689307

Ion Ratio Lower Upper

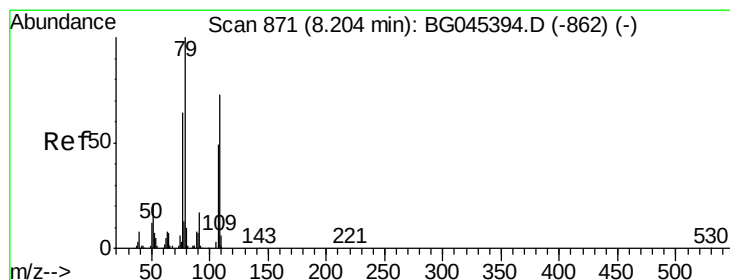
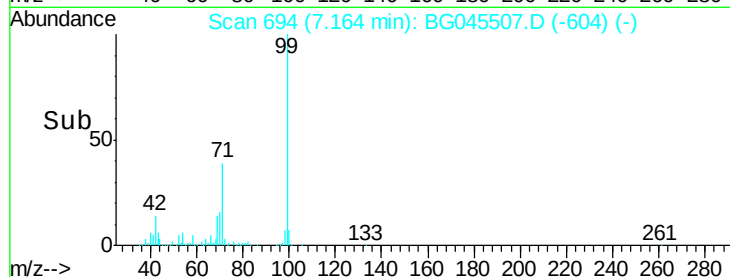
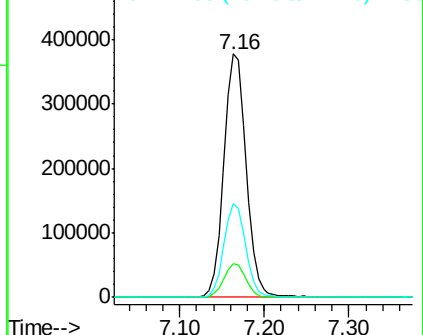
99 100

42 13.8 11.3 16.9

71 38.7 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: 2.122 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.07 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

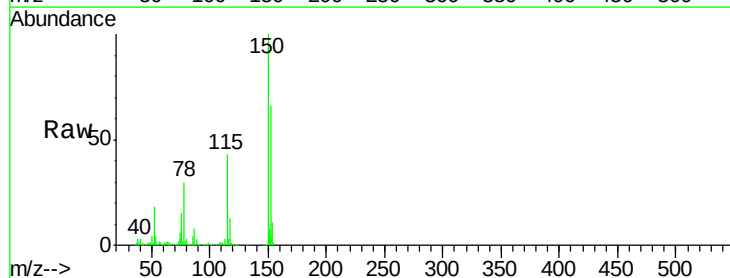
Tgt Ion: 79 Resp: 10924

Ion Ratio Lower Upper

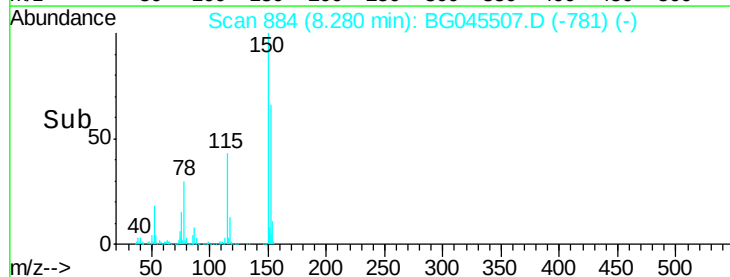
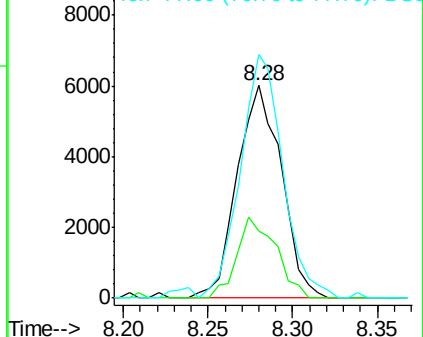
79 100

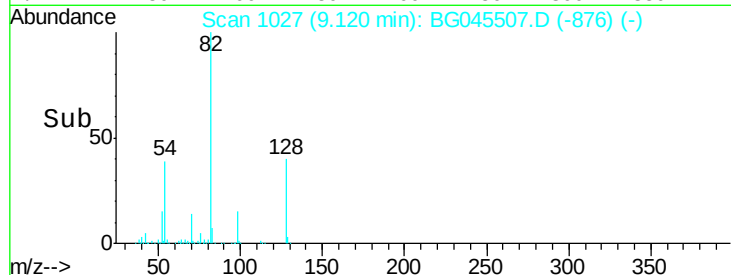
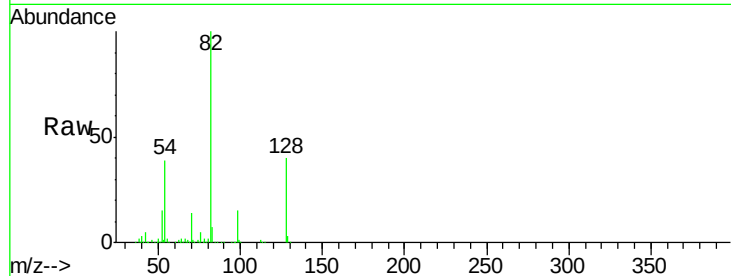
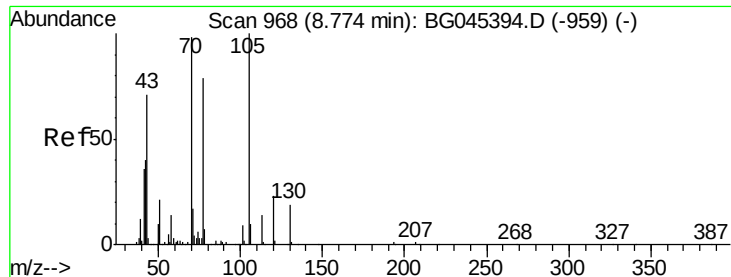
108 31.3 58.2 87.4#

77 114.7 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

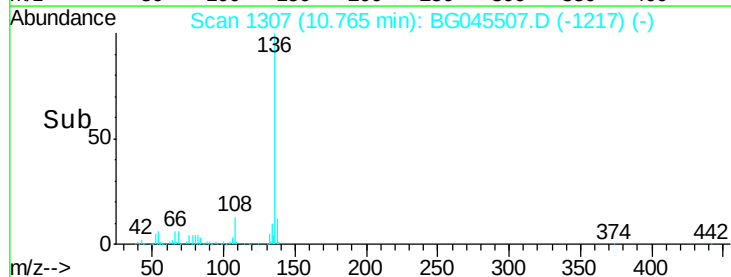
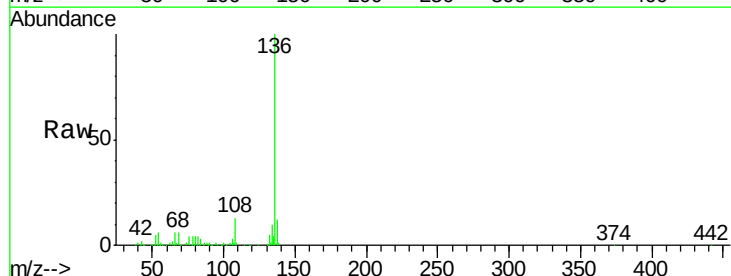
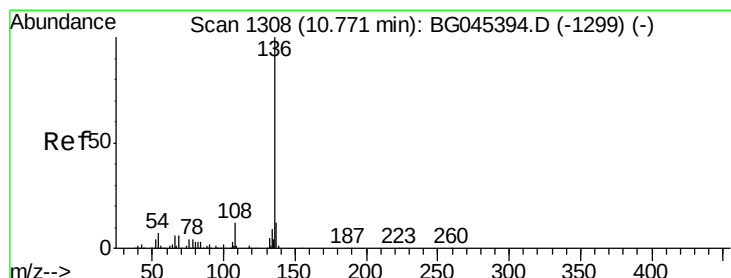
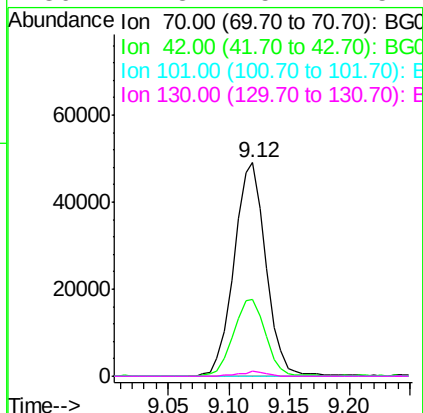




#19
n-Nitroso-di-n-propylamine
Concen: 20.881 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.36 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

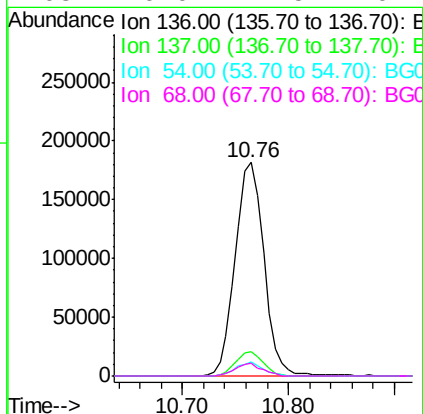
Instrument :
BNA_G
ClientSampleId :
OK-03-052220

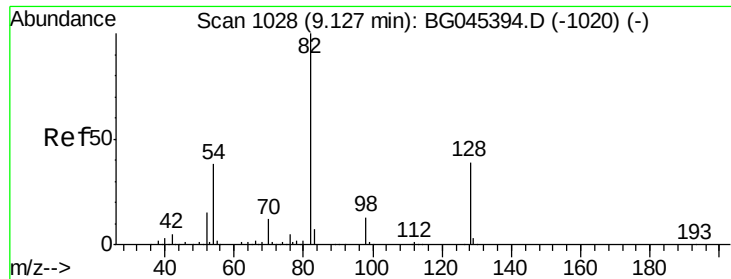
Tot Ion:	70	Resp:	90003
Ion	Ratio	Lower	Upper
70	100		
42	36.2	33.2	49.8
101	0.0	7.8	11.6#
130	2.3	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

Tgt Ion:	136	Resp:	342202
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	6.5	5.8	8.6
68	6.0	4.5	6.7

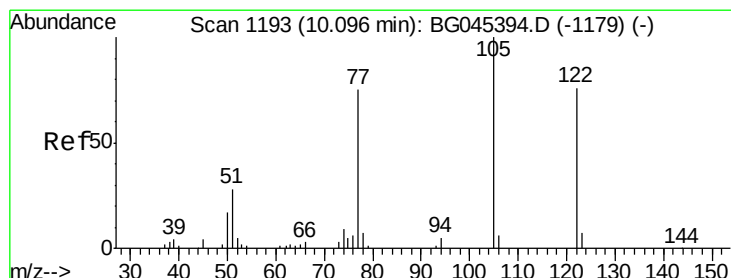
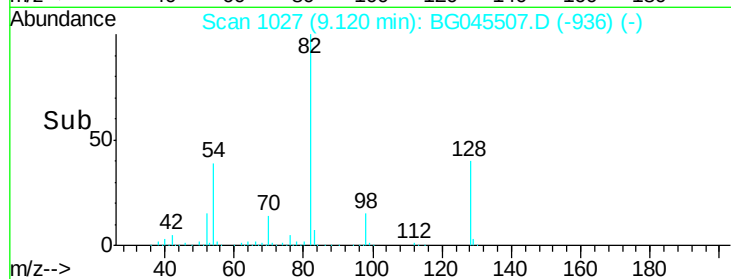
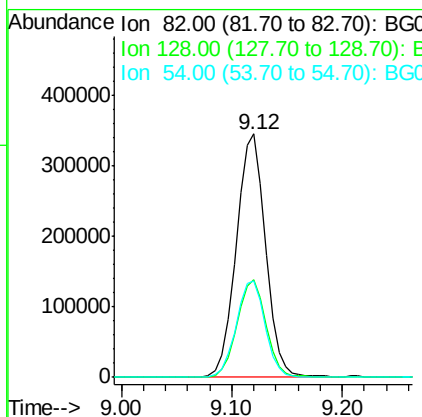
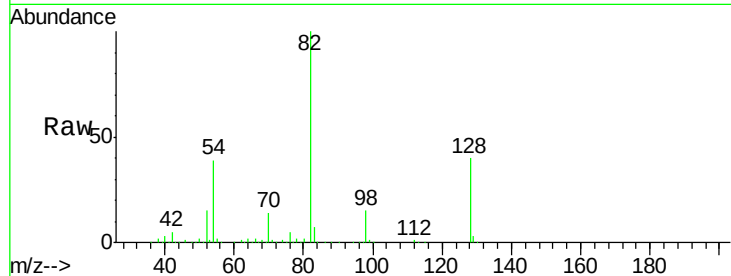




#23
 Nitrobenzene-d5
 Concen: 102.566 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045507.D
 Acq: 28 May 2020 21:39

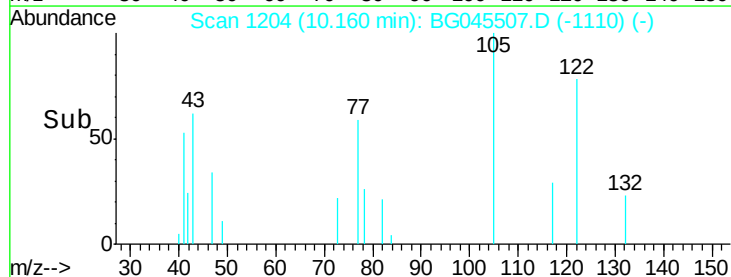
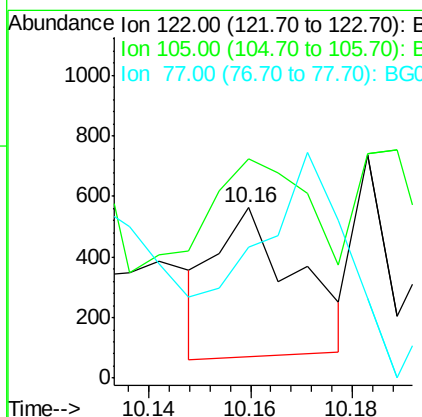
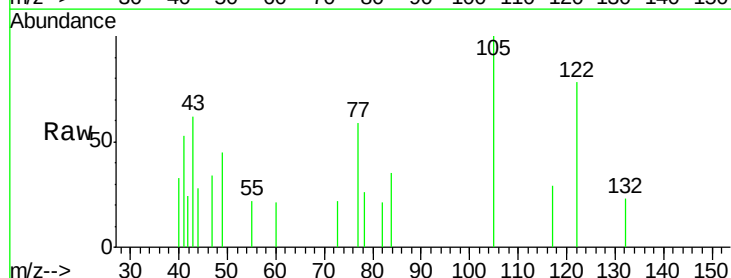
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-052220

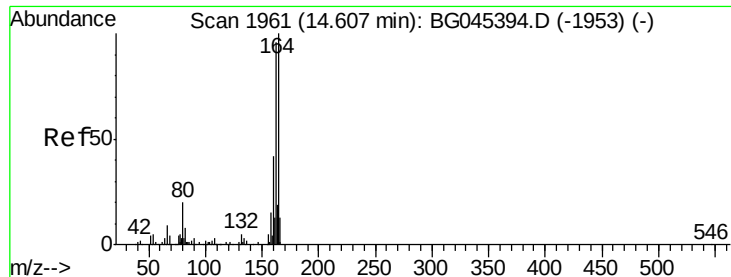
Tot Ion	82	Resp	643633
Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.9	46.3
54	39.5	30.3	45.5



#32
 Benzoic acid
 Concen: 10.171 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.02 min
 Lab File: BG045507.D
 Acq: 28 May 2020 21:39

Tgt Ion	122	Resp	546
Ion	Ratio	Lower	Upper
122	100		
105	129.0	107.9	147.9
77	76.6	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

Instrument :

BNA_G

ClientSampleId :

OK-03-052220

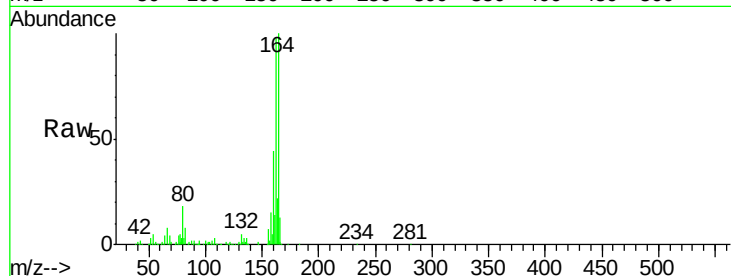
Tot Ion:164 Resp: 236456

Ion Ratio Lower Upper

164 100

162 97.9 76.9 115.3

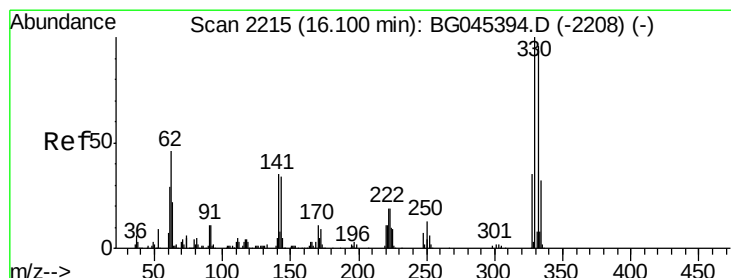
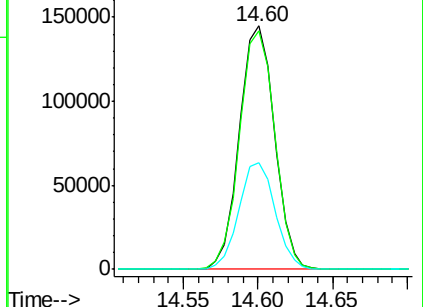
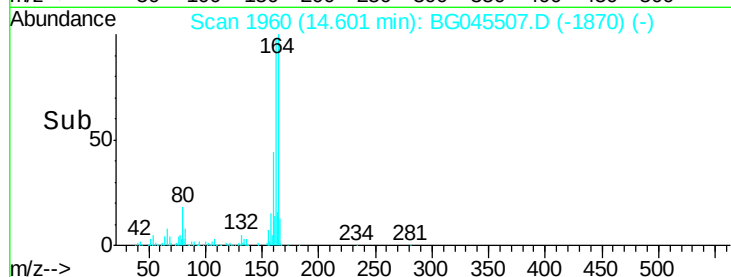
160 43.9 33.8 50.8



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: 158.756 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

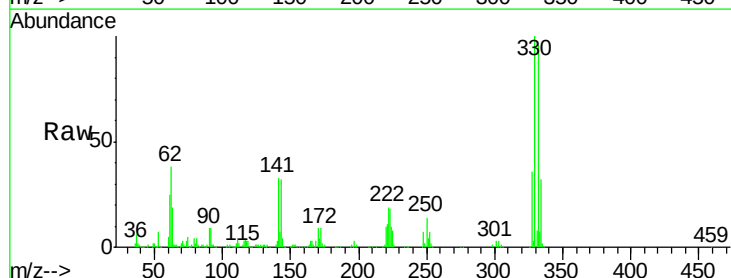
Tgt Ion:330 Resp: 480080

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

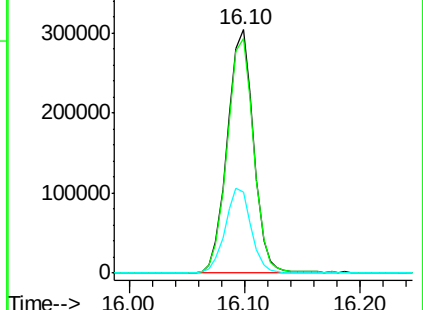
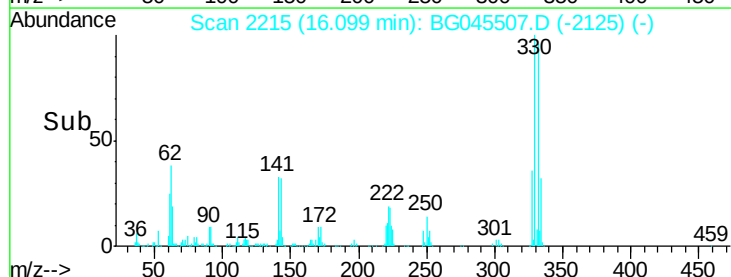
141 34.4 28.2 42.4

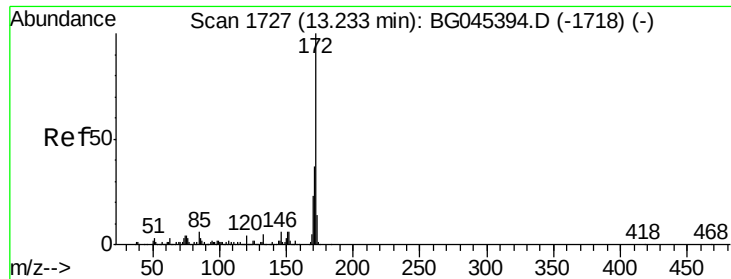


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

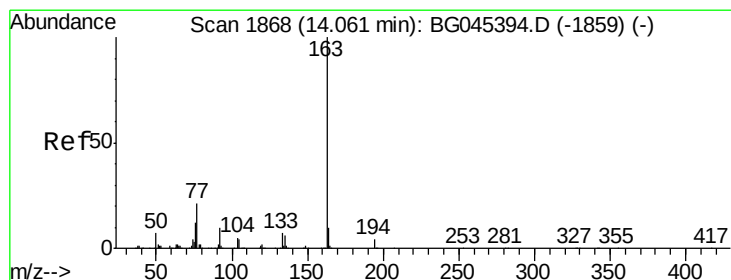
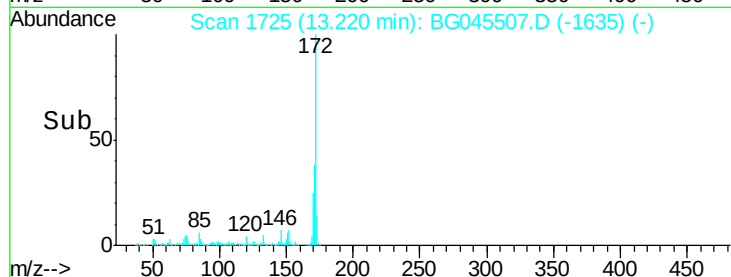
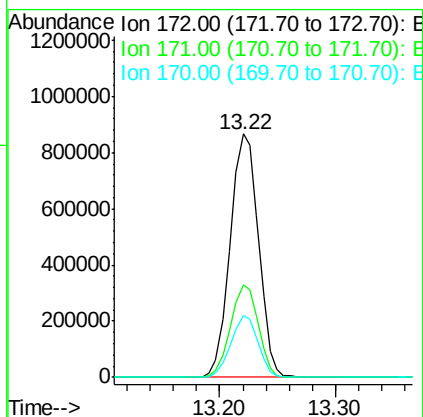
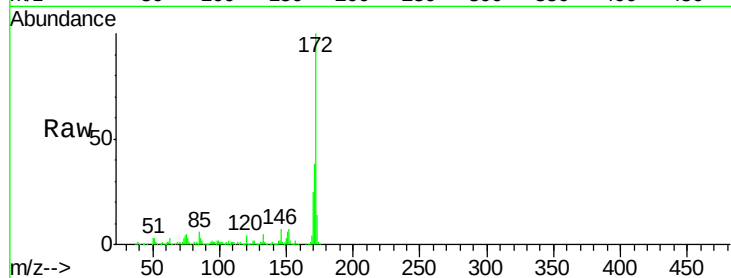




#45
2-Fluorobiphenyl
Concen: 105.382 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

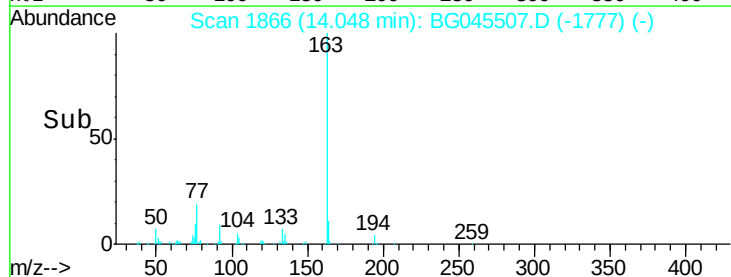
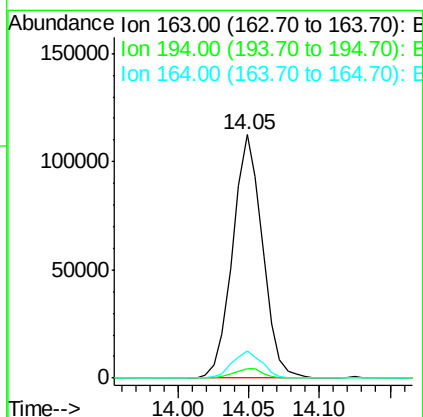
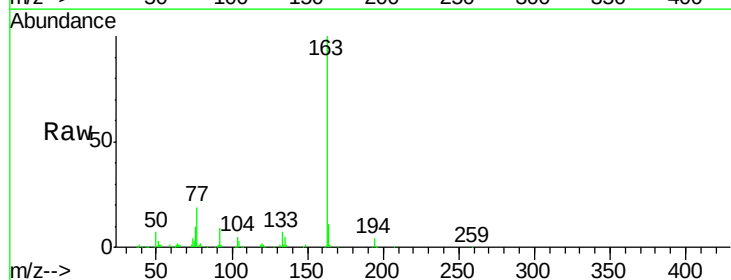
Instrument :
BNA_G
ClientSampleId :
OK-03-052220

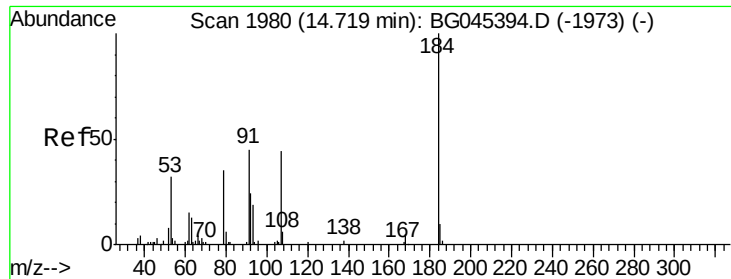
Tot Ion:172 Resp: 1469059
Ion Ratio Lower Upper
172 100
171 38.0 29.5 44.3
170 25.2 18.5 27.7



#50
Dimethylphthalate
Concen: 10.208 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

Tgt Ion:163 Resp: 165583
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 11.0 8.3 12.5

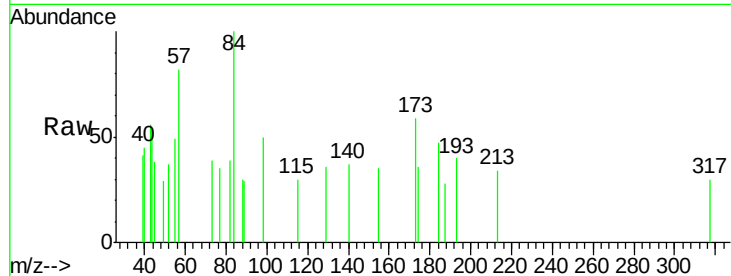




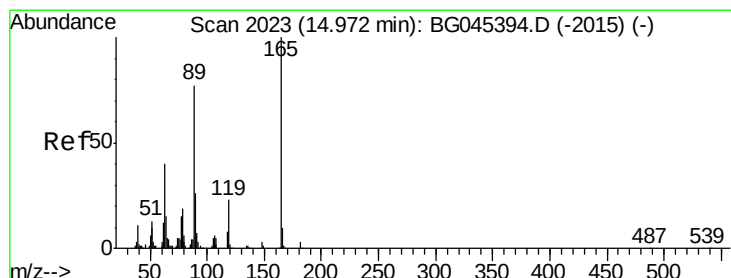
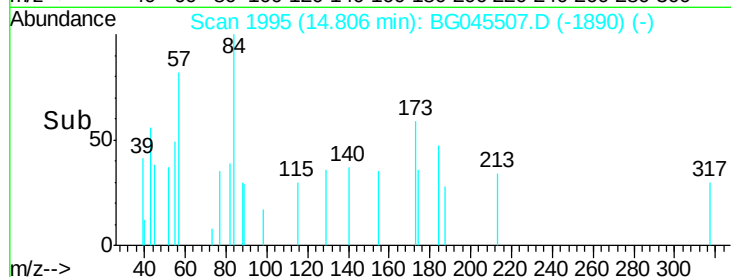
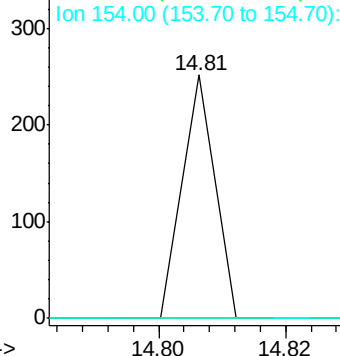
#54
 2,4-Dinitrophenol
 Concen: 5.494 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. 0.09 min
 Lab File: BG045507.D
 Acq: 28 May 2020 21:39

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-052220

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.8	71.6#
154	0.0	58.3	87.5#

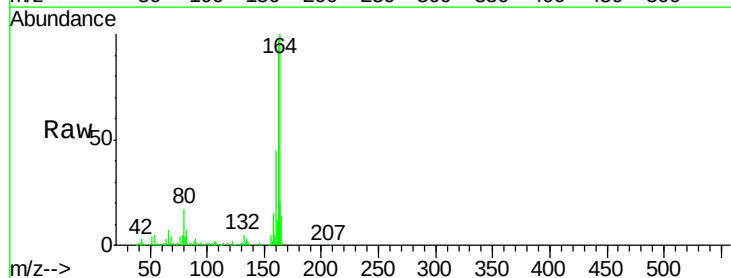


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

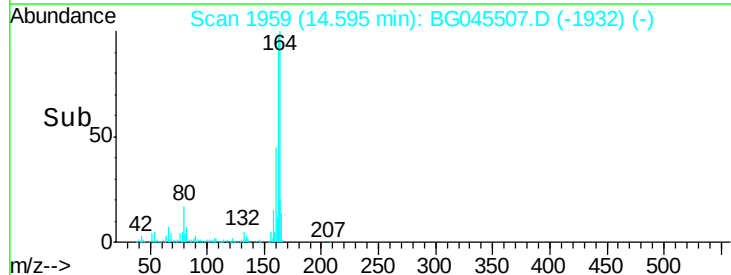
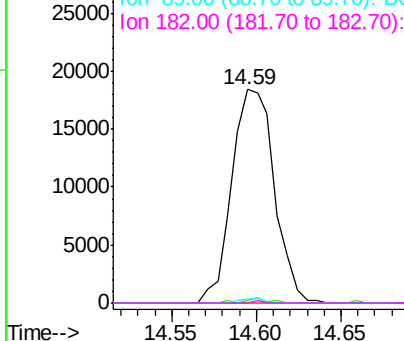


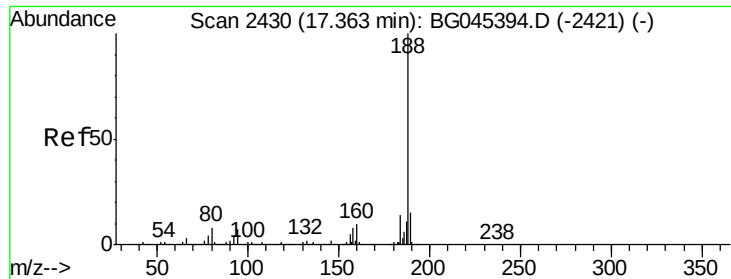
#57
 2,4-Dinitrotoluene
 Concen: 6.072 ng
 RT: 14.59 min Scan# 1959
 Delta R.T. -0.37 min
 Lab File: BG045507.D
 Acq: 28 May 2020 21:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.5	48.7#
89	2.1	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. -0.01 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

Instrument :

BNA_G

ClientSampleId :

OK-03-052220

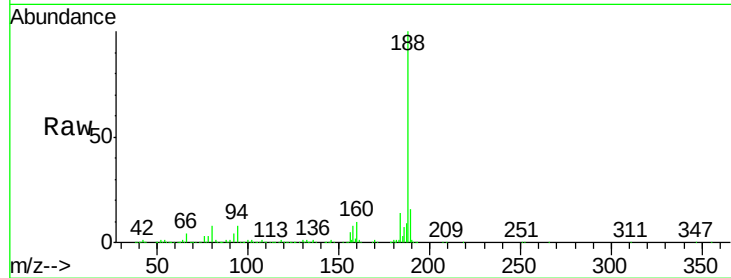
Tot Ion:188 Resp: 501415

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

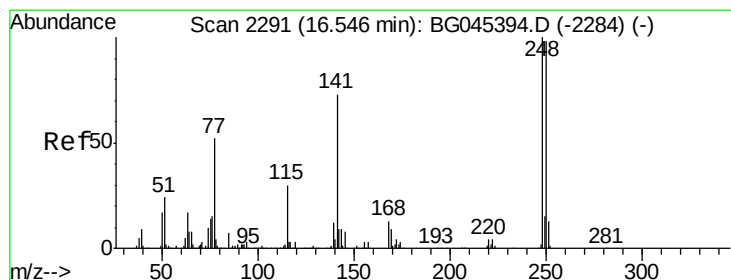
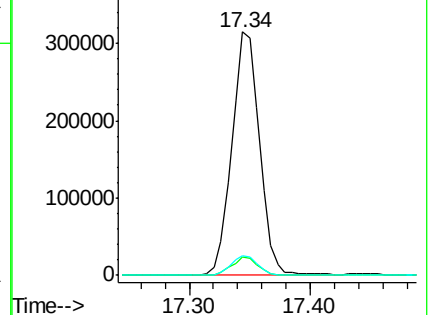
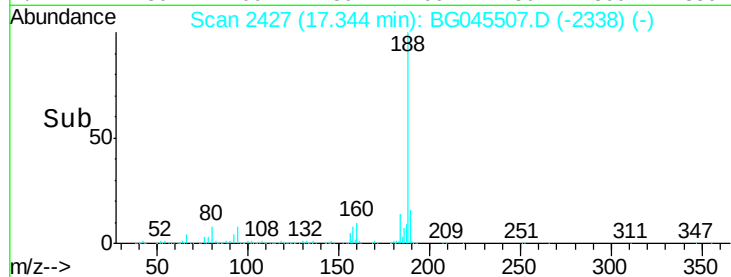
80 7.8 6.6 10.0



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: 6.038 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.44 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

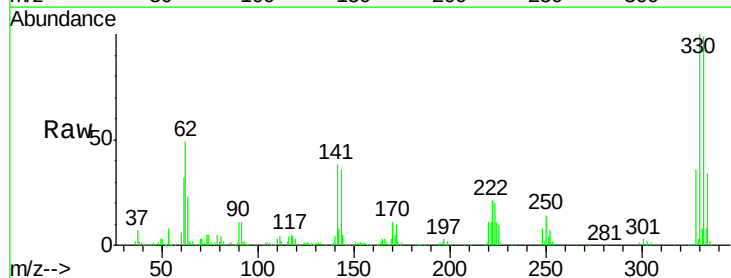
Tgt Ion:248 Resp: 32782

Ion Ratio Lower Upper

248 100

250 178.7 78.6 117.8#

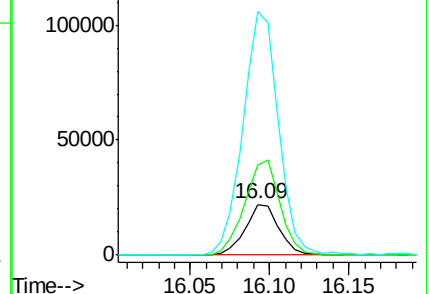
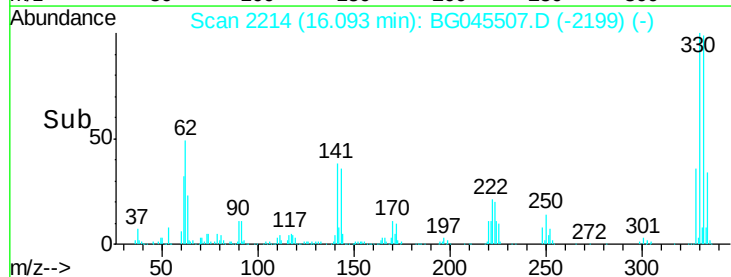
141 481.8 58.2 87.2#

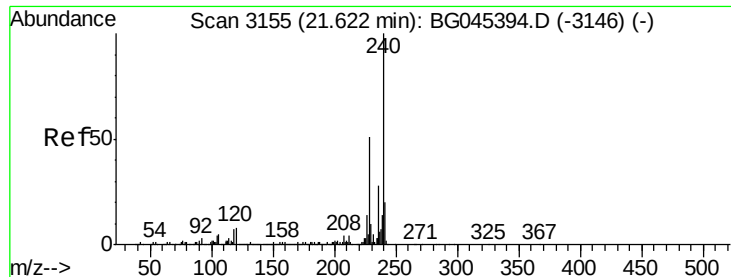


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

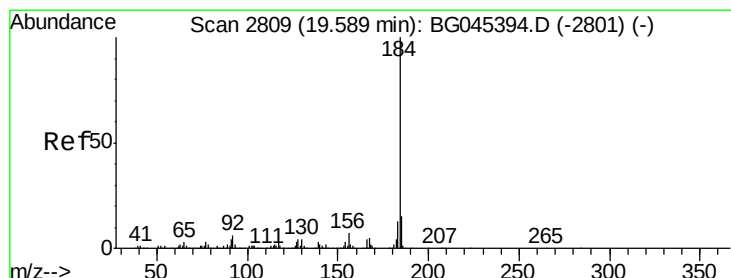
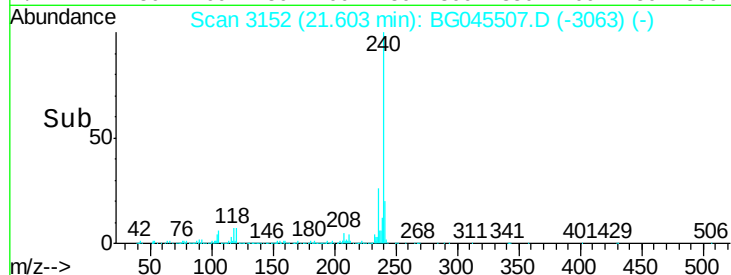
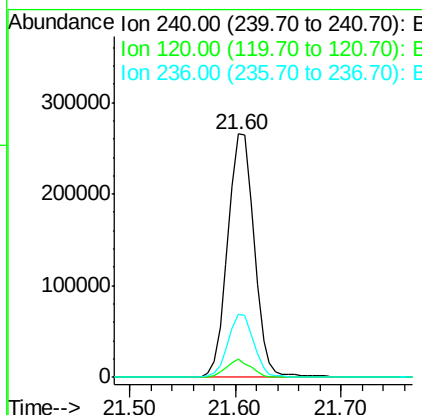
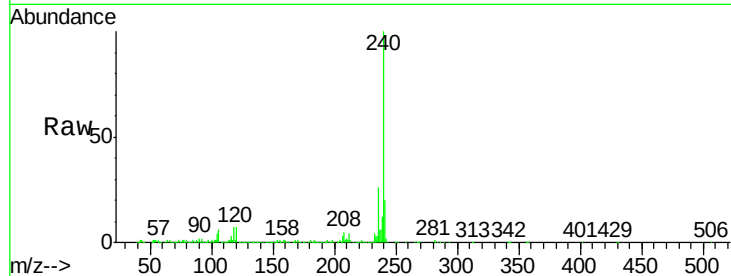




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

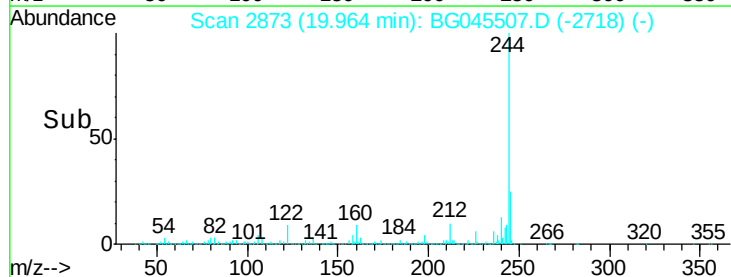
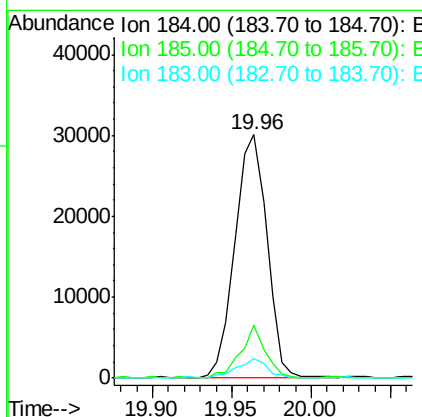
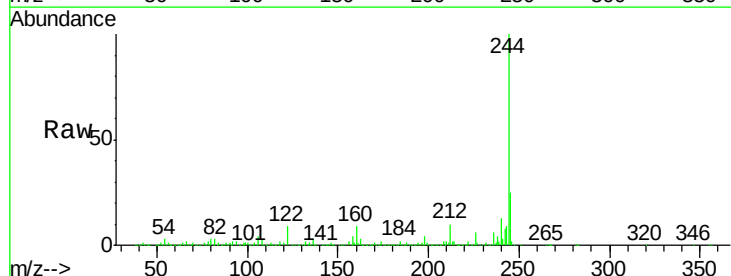
Instrument :
BNA_G
ClientSampleId :
OK-03-052220

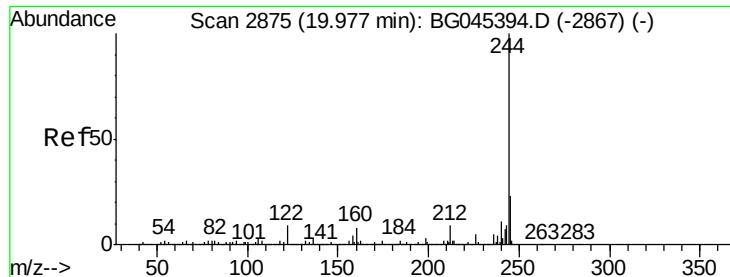
Tot Ion:240 Resp: 462262
Ion Ratio Lower Upper
240 100
120 7.4 6.1 9.1
236 25.9 22.3 33.5



#77
Benzidine
Concen: 3.243 ng
RT: 19.96 min Scan# 2873
Delta R.T. 0.38 min
Lab File: BG045507.D
Acq: 28 May 2020 21:39

Tgt Ion:184 Resp: 42109
Ion Ratio Lower Upper
184 100
185 21.5 11.7 17.5#
183 8.2 10.2 15.4#





#79

Terphenyl-d14

Concen: 109.035 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

Instrument :

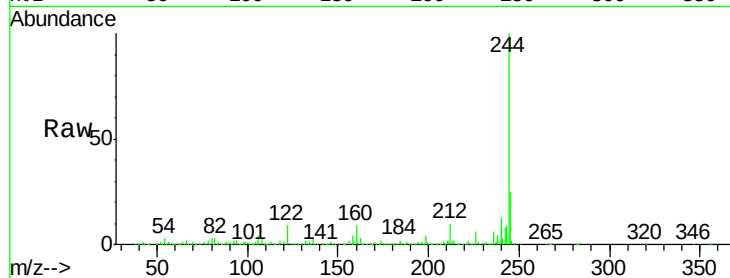
BNA_G

ClientSampleId :

OK-03-052220

Tot Ion:244 Resp: 2161066

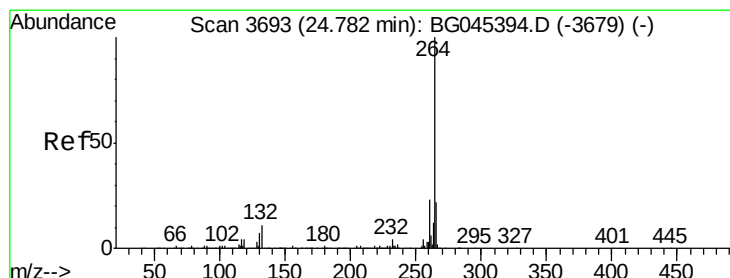
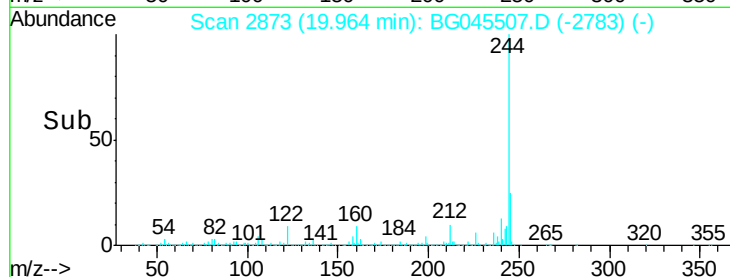
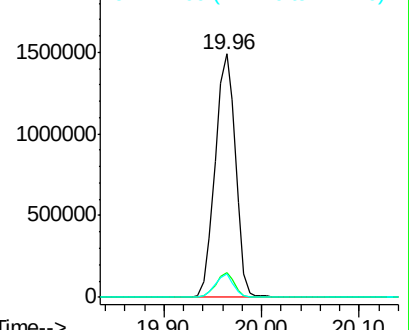
Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.4	11.0
122	9.5	6.8	10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

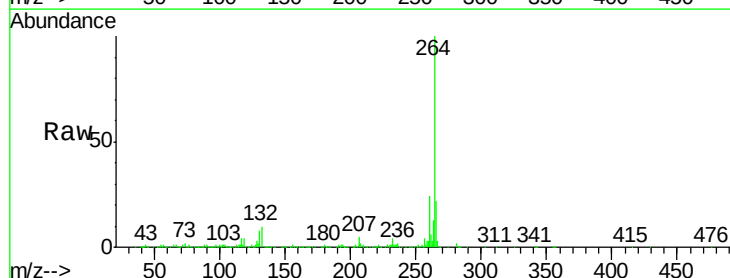
Delta R.T. -0.01 min

Lab File: BG045507.D

Acq: 28 May 2020 21:39

Tgt Ion:264 Resp: 494205

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.1	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

