

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045540.D
 Acq On : 30 May 2020 4:42
 Operator : CG/JU
 Sample : L2505-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720

Quant Time: May 30 06:32:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

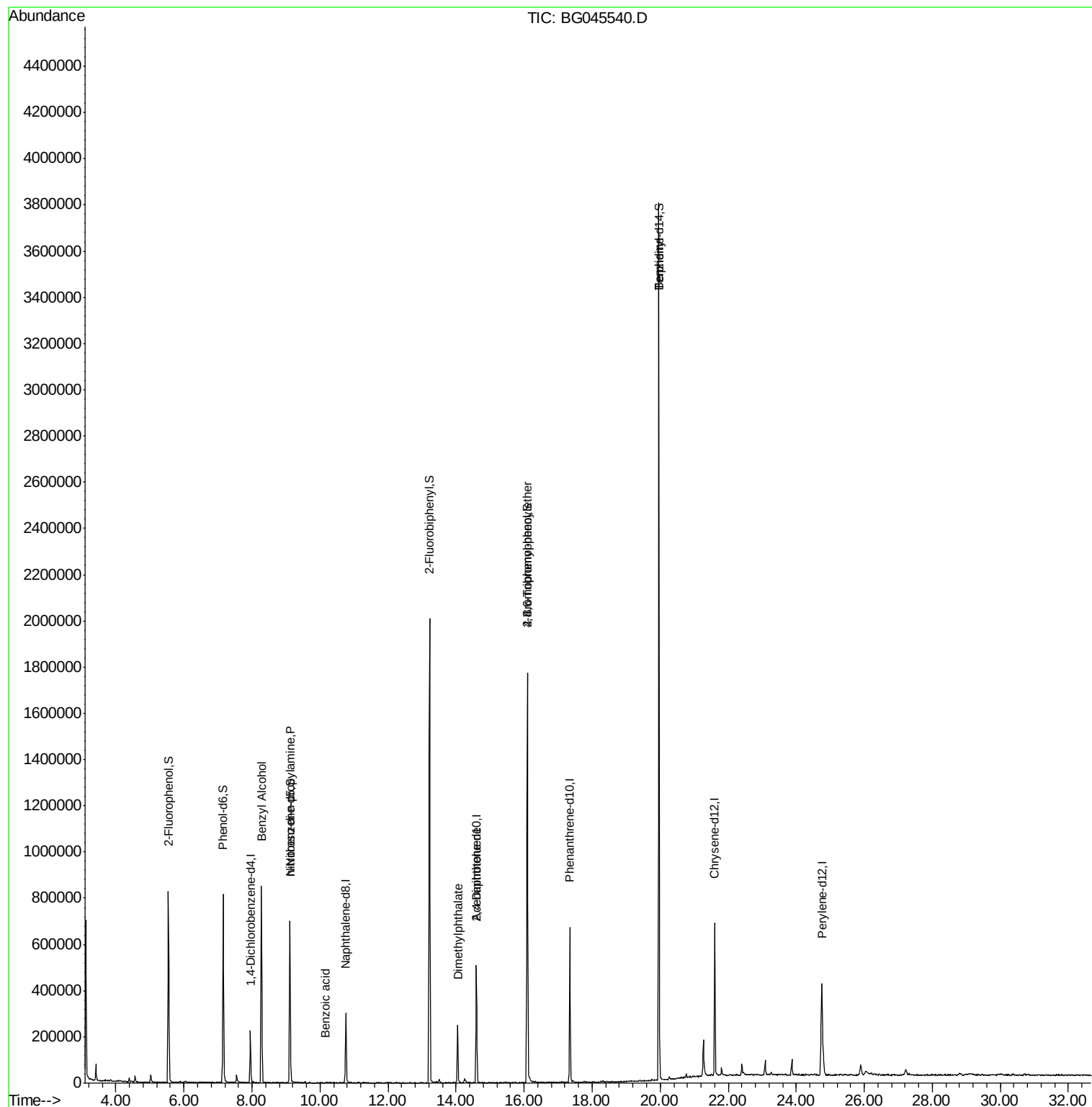
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66413	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	261241	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	190476	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	445140	20.00	ng	0.00
76) Chrysene-d12	21.60	240	416120	20.00	ng	0.00
87) Perylene-d12	24.75	264	458106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	402300	118.38	ng	0.00
7) Phenol-d6	7.15	99	531332	109.85	ng	-0.01
23) Nitrobenzene-d5	9.12	82	477397	99.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	370976	152.29	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1137141	101.26	ng	0.00
79) Terphenyl-d14	19.97	244	1867742	104.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	8143	2.038	ng	# 55
19) n-Nitroso-di-n-propylamine	9.12	70	65667	19.633	ng	# 81
32) Benzoic acid	10.17	122	58	10.043	ng	# 1
50) Dimethylphthalate	14.05	163	179868	13.766	ng	98
57) 2,4-Dinitrotoluene	14.60	165	24671	5.778	ng	# 24
67) 4-Bromophenyl-phenylether	16.09	248	25145	5.217	ng	# 1
77) Benzidine	19.97	184	35147	3.007	ng	# 93

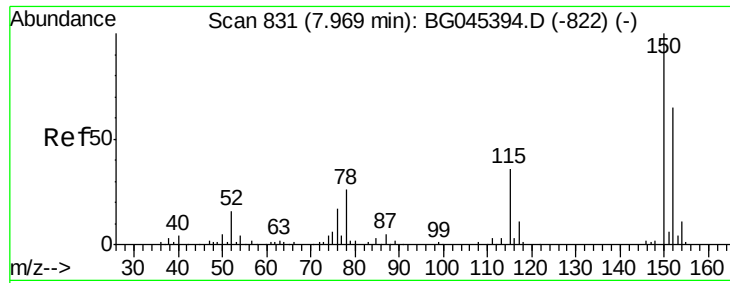
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
Data File : BG045540.D
Acq On : 30 May 2020 4:42
Operator : CG/JU
Sample : L2505-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-052720

Quant Time: May 30 06:32:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration



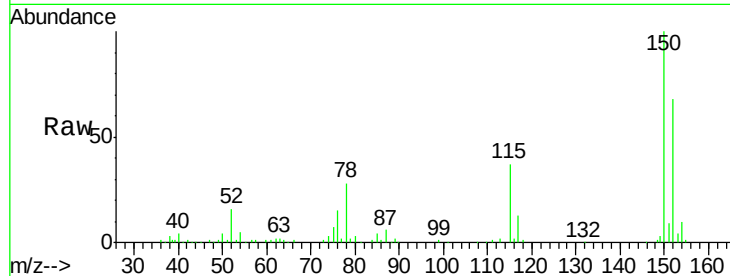


#1

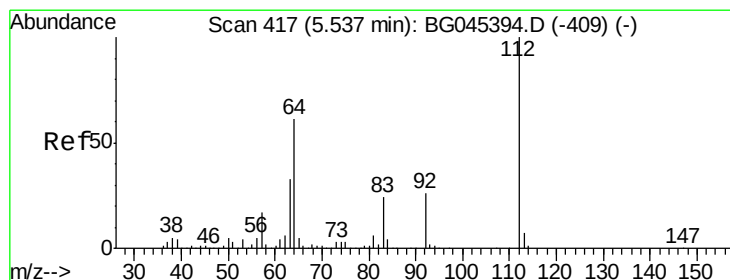
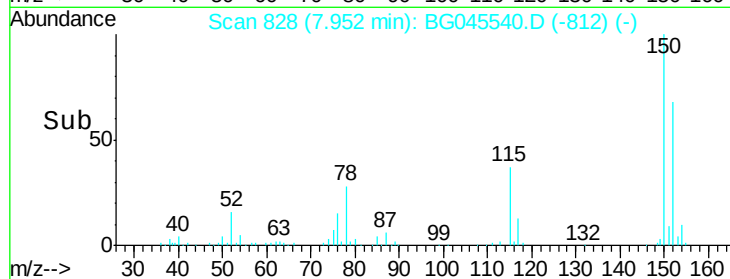
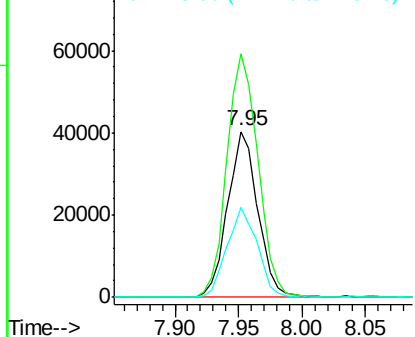
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Instrument :
BNA_G
ClientSampleId :
SU-01-052720

Tot Ion:152 Resp: 66413
Ion Ratio Lower Upper
152 100
150 147.0 122.4 183.6
115 54.3 44.2 66.4



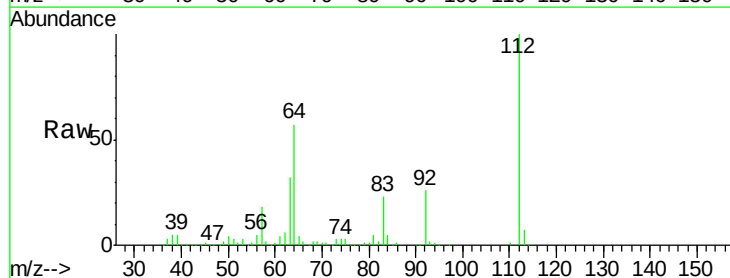
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



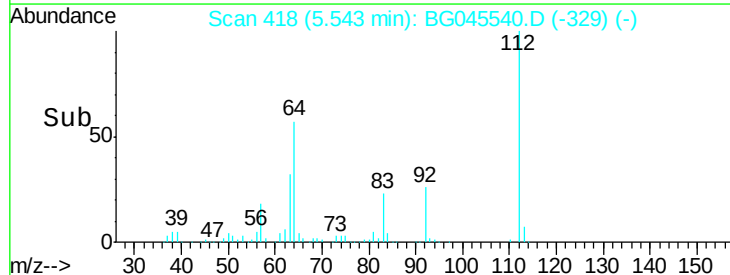
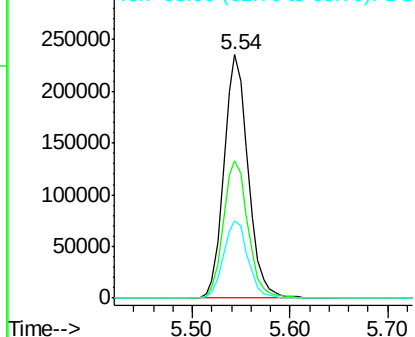
#5

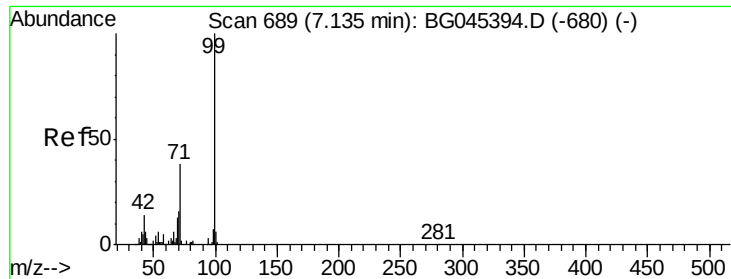
2-Fluorophenol
Concen: 118.382 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Tgt Ion:112 Resp: 402300
Ion Ratio Lower Upper
112 100
64 56.5 48.6 72.8
63 31.8 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: 109.852 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

Instrument :

BNA_G

ClientSampleId :

SU-01-052720

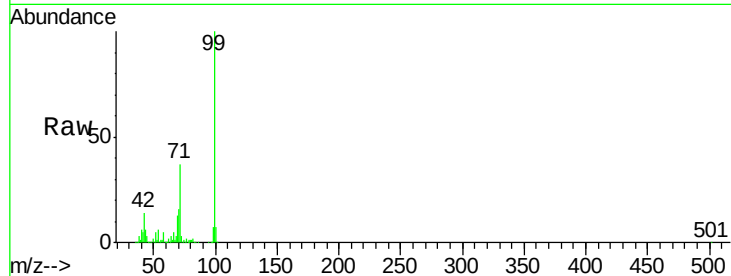
Tot Ion: 99 Resp: 531332

Ion Ratio Lower Upper

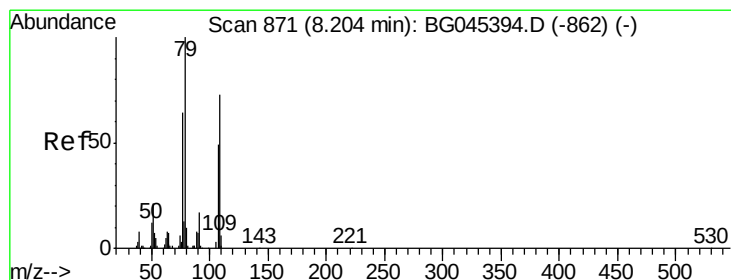
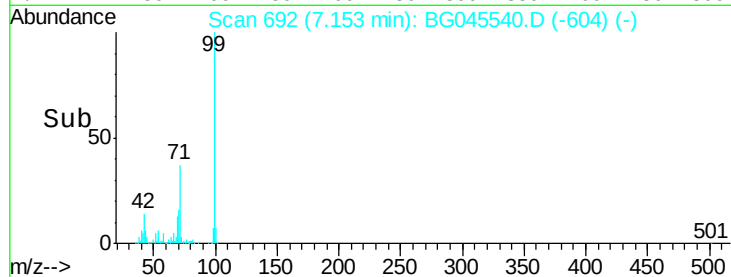
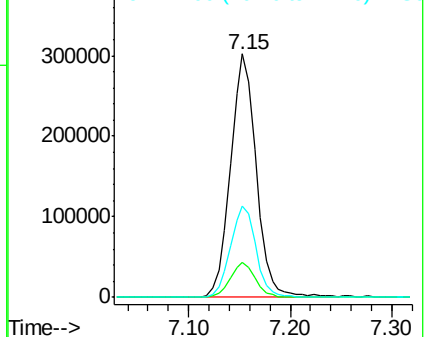
99 100

42 14.3 11.3 16.9

71 37.3 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: 2.038 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

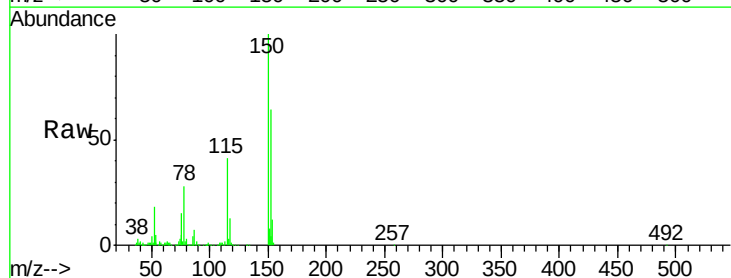
Tgt Ion: 79 Resp: 8143

Ion Ratio Lower Upper

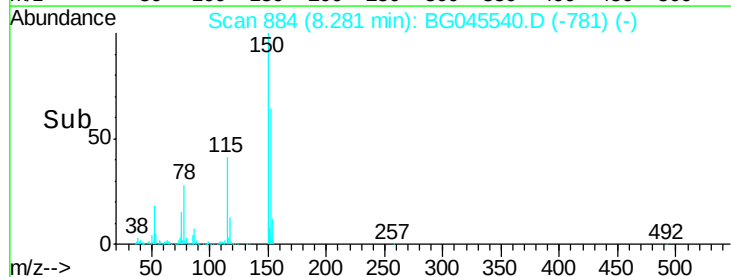
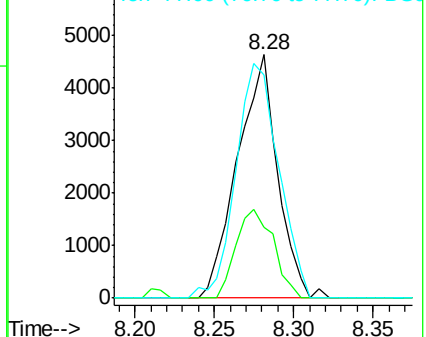
79 100

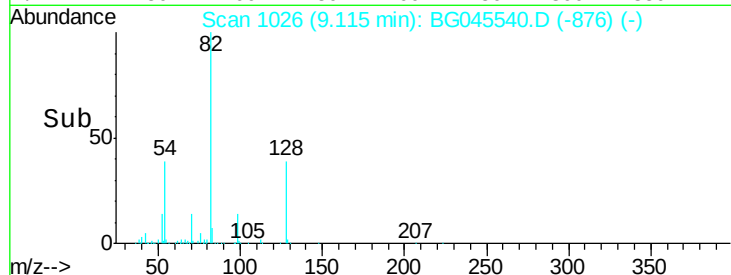
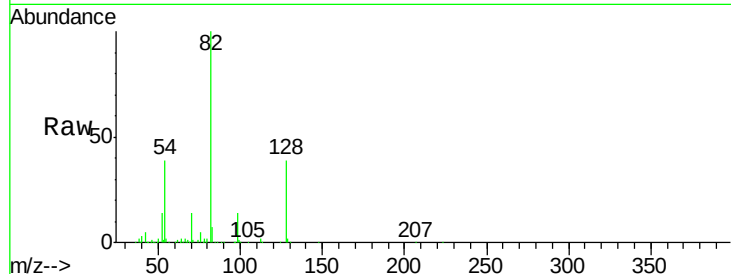
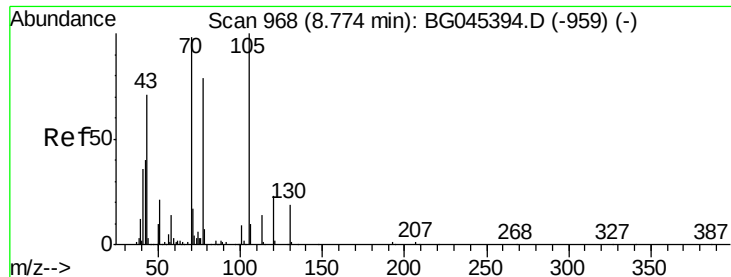
108 29.2 58.2 87.4#

77 91.8 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

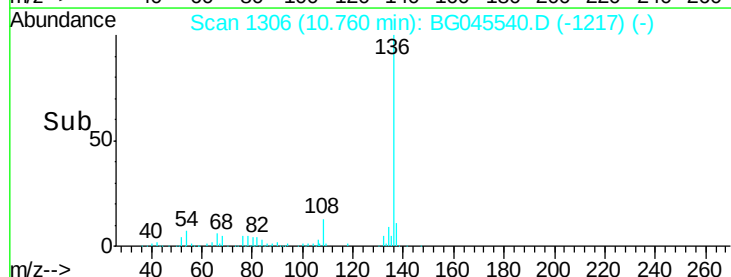
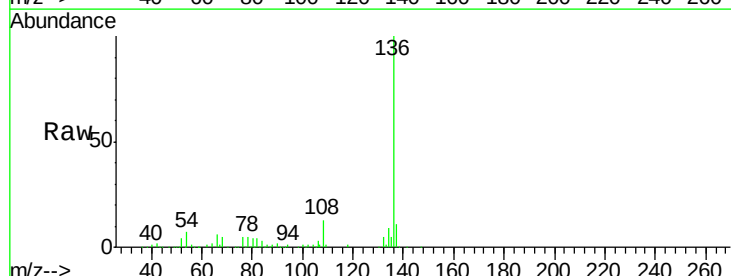
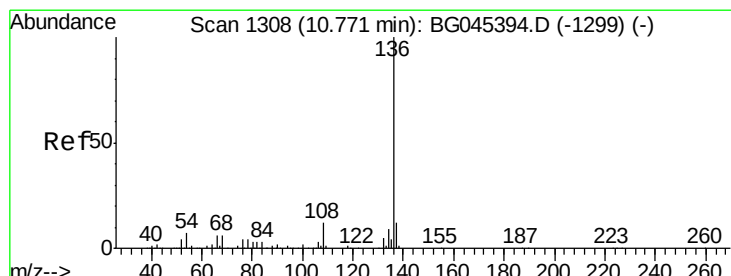
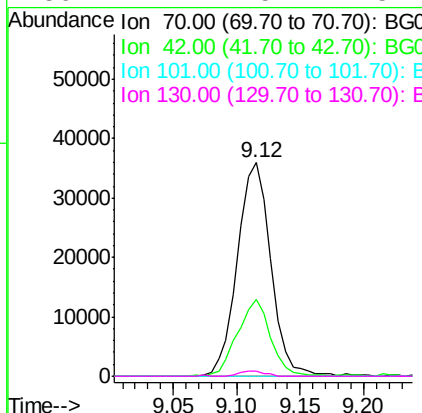




#19
n-Nitroso-di-n-propylamine
Concen: 19.633 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

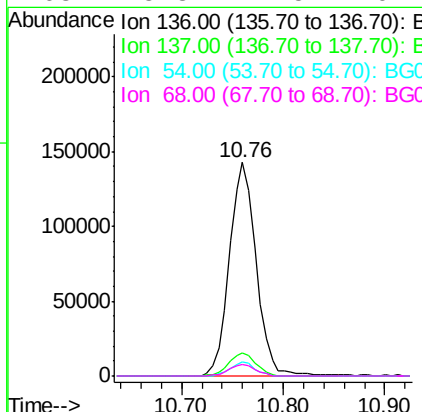
Instrument :
BNA_G
ClientSampled :
SU-01-052720

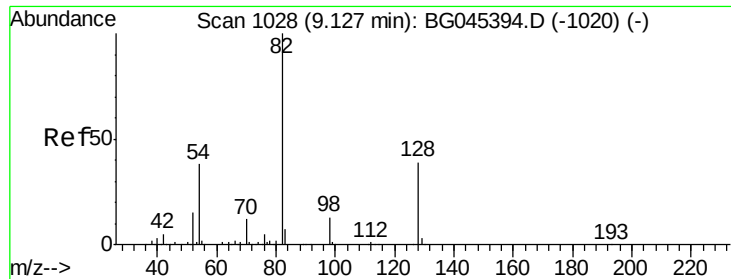
Tot Ion	Ratio	Lower	Upper
70	100		
42	36.2	33.2	49.8
101	0.0	7.8	11.6#
130	2.1	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	6.7	5.8	8.6
68	5.3	4.5	6.7

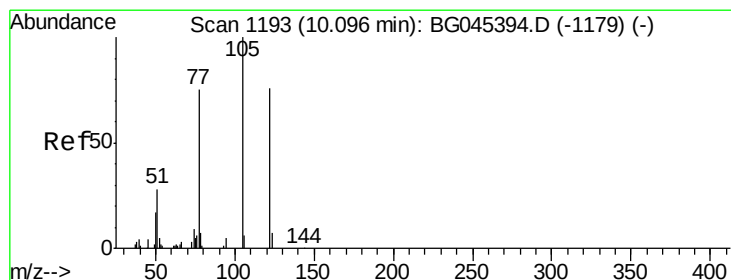
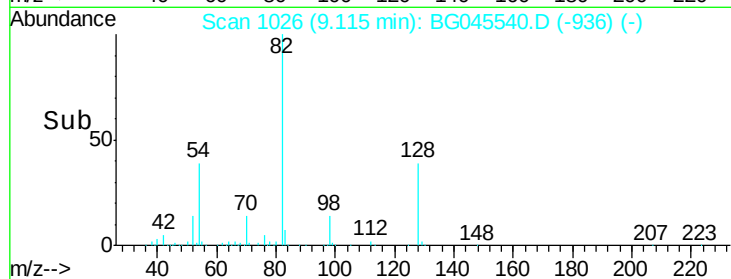
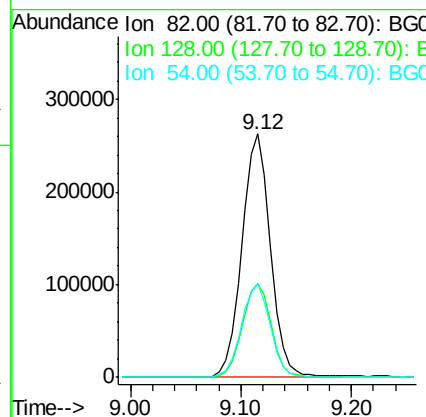
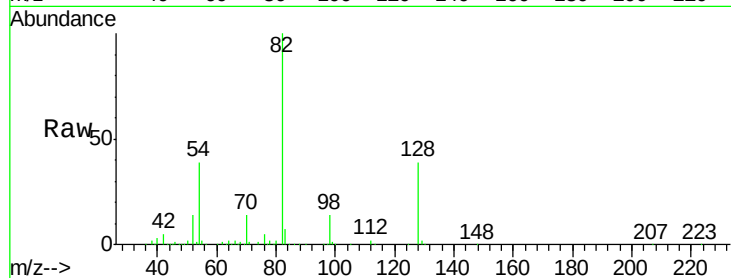




#23
Nitrobenzene-d5
Concen: 99.652 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

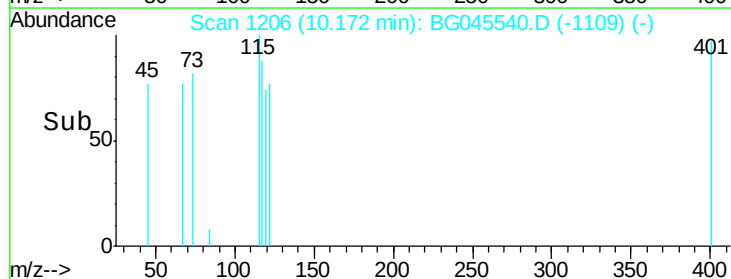
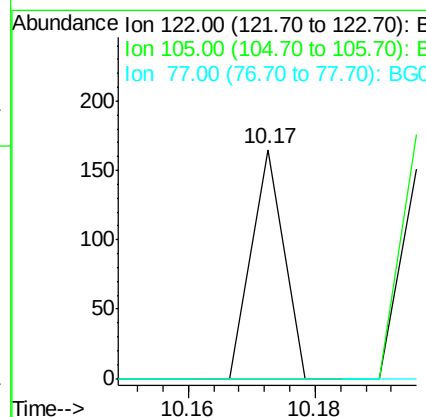
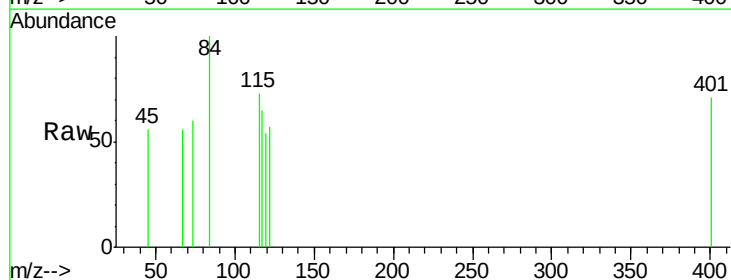
Instrument :
BNA_G
ClientSampleId :
SU-01-052720

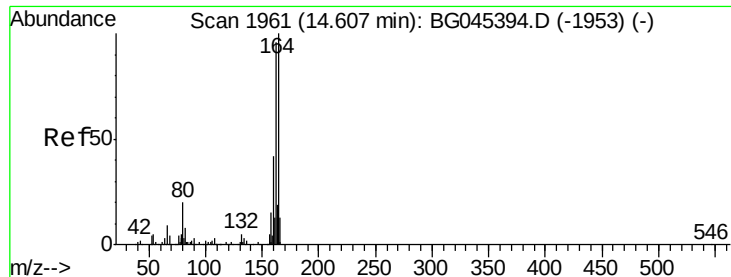
Tot Ion	82	Resp	477397
Ion Ratio	100	Lower	Upper
128	38.7	30.9	46.3
54	38.7	30.3	45.5



#32
Benzoic acid
Concen: 10.043 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.04 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Tgt Ion	122	Resp	58
Ion Ratio	100	Lower	Upper
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. -0.01 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

Instrument :

BNA_G

ClientSampleId :

SU-01-052720

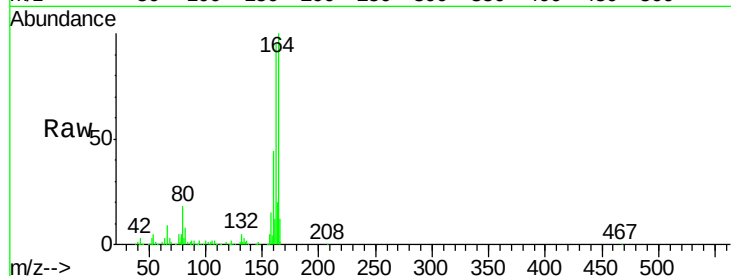
Tot Ion:164 Resp: 190476

Ion Ratio Lower Upper

164 100

162 95.1 76.9 115.3

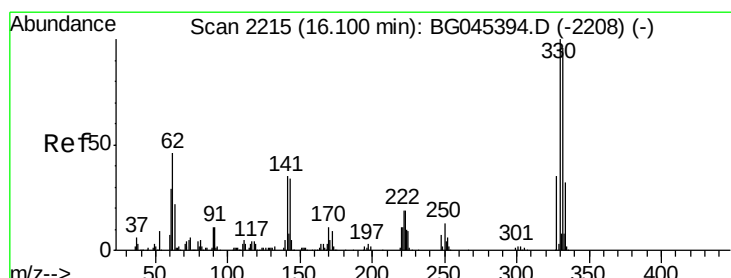
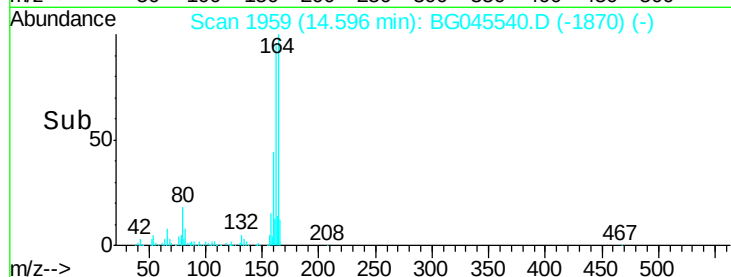
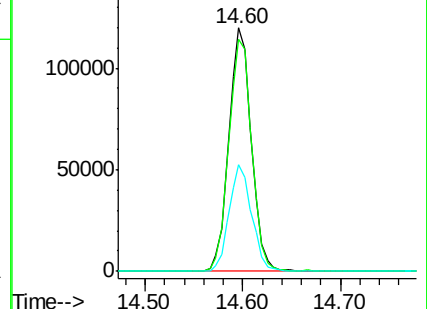
160 44.0 33.8 50.8



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: 152.291 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

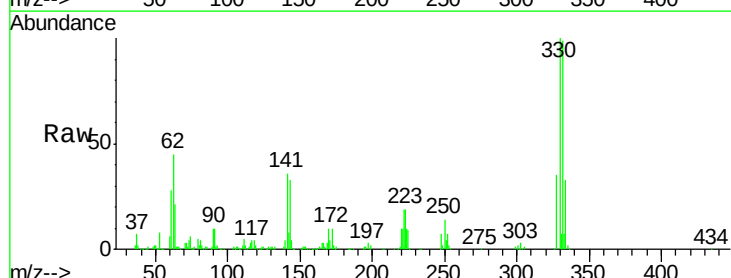
Tgt Ion:330 Resp: 370976

Ion Ratio Lower Upper

330 100

332 98.3 78.2 117.4

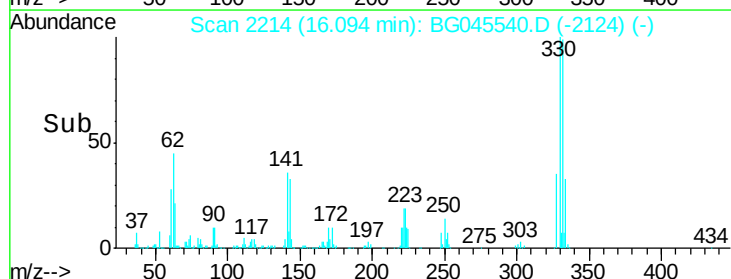
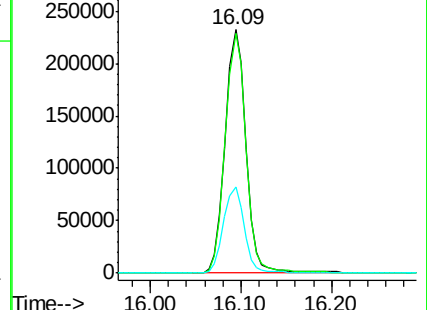
141 35.8 28.2 42.4

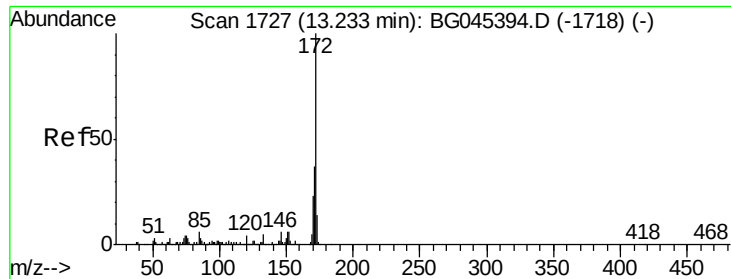


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

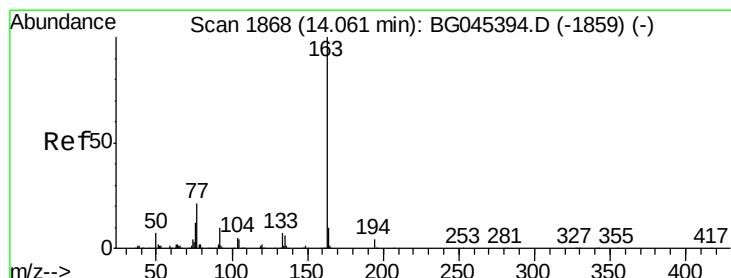
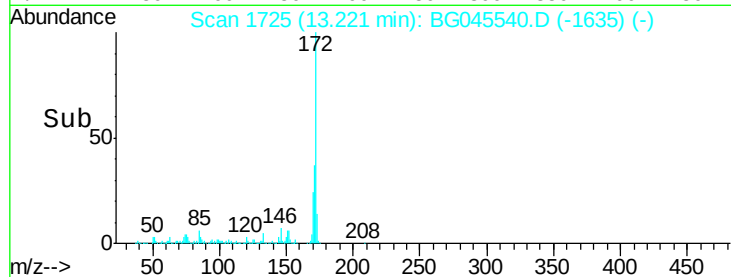
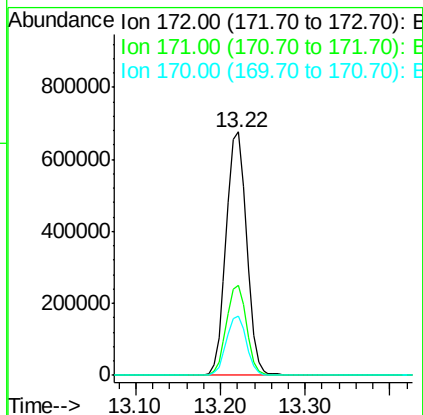
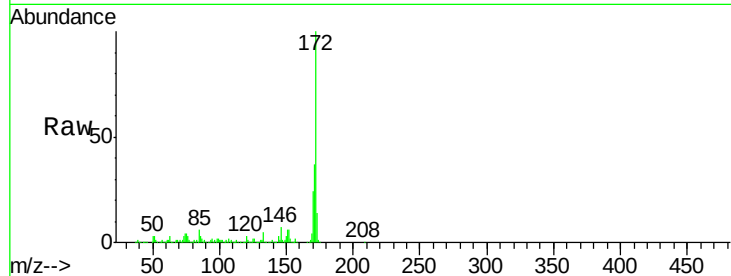




#45
2-Fluorobiphenyl
Concen: 101.263 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

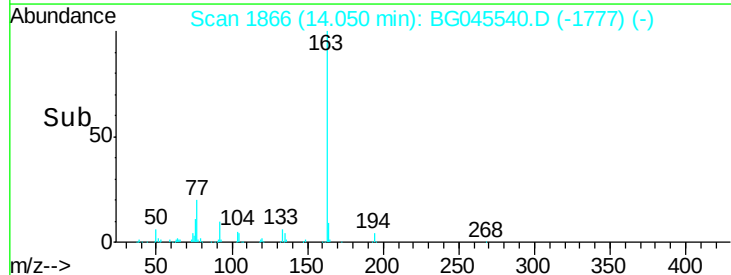
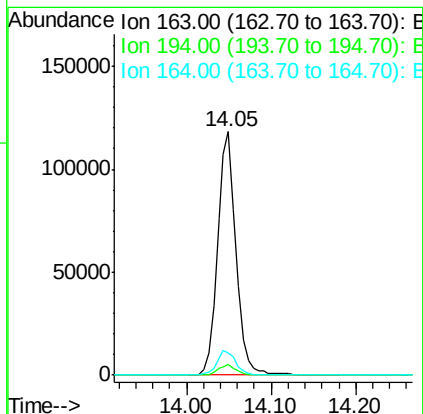
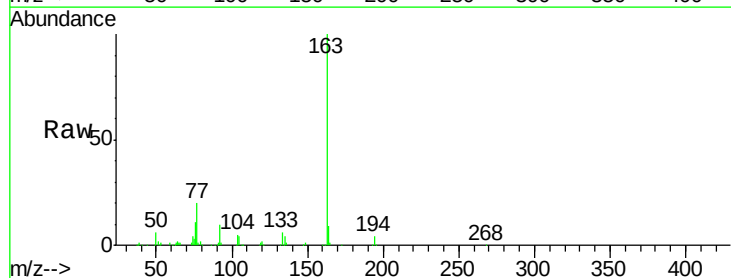
Instrument :
BNA_G
ClientSampleId :
SU-01-052720

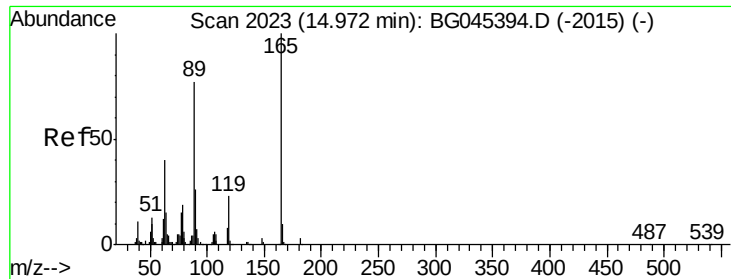
Tot Ion:172 Resp: 1137141
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 24.1 18.5 27.7



#50
Dimethylphthalate
Concen: 13.766 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Tgt Ion:163 Resp: 179868
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.3 8.3 12.5

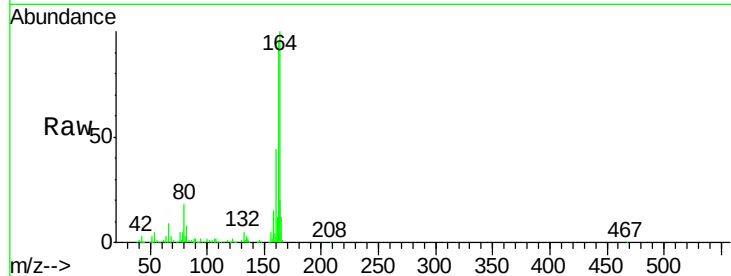




#57
 2,4-Dinitrotoluene
 Concen: 5.778 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.37 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.3	32.5	48.7#
89	2.5	61.8	92.6#
182	0.0	2.3	3.5#

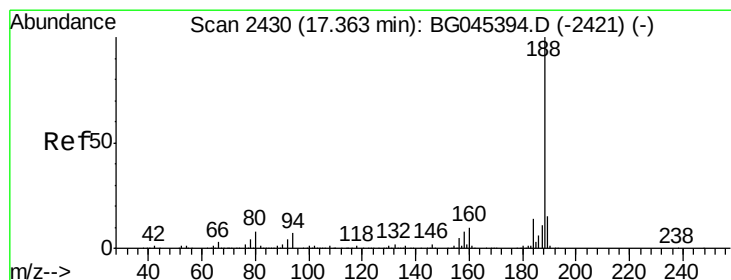
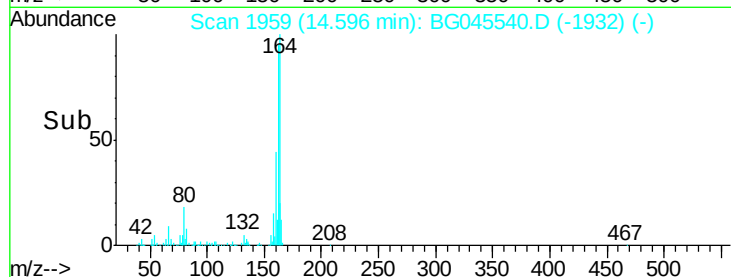
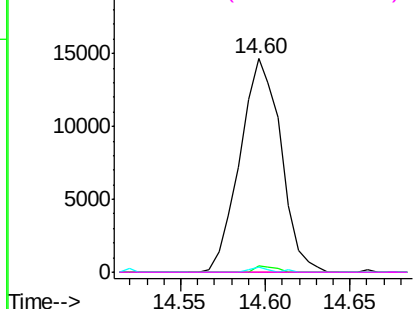


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

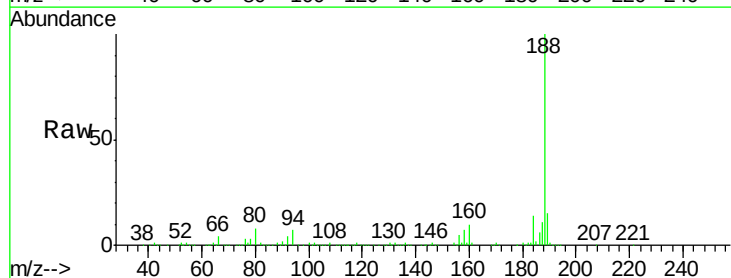
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

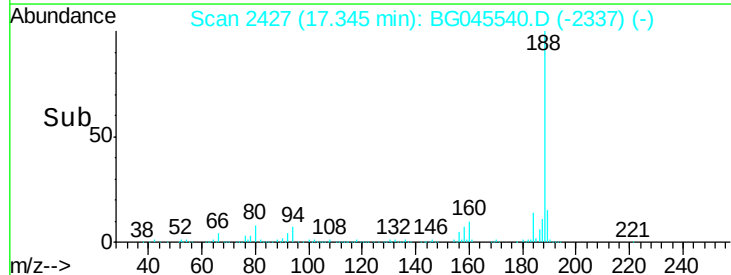
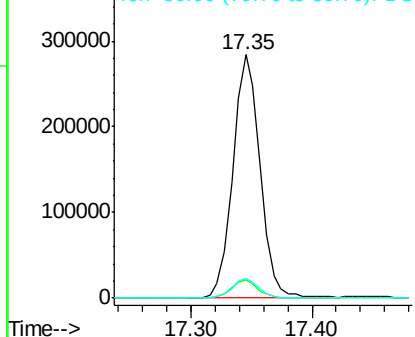
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.5	8.3
80	8.1	6.6	10.0

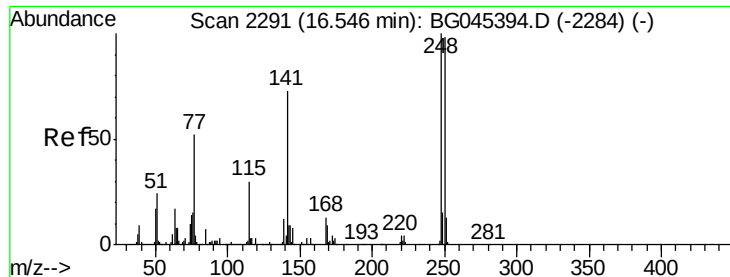


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

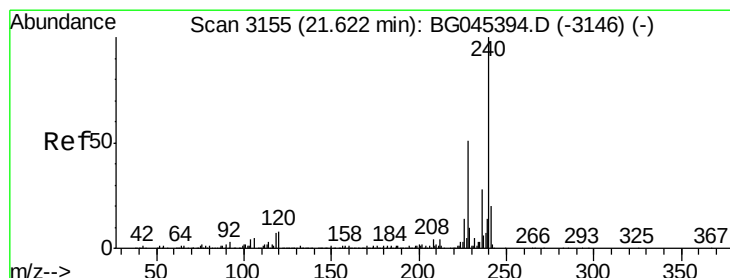
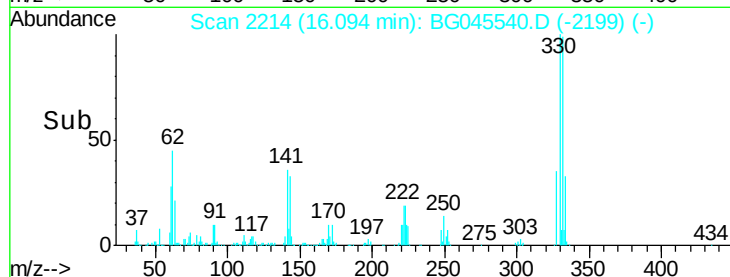
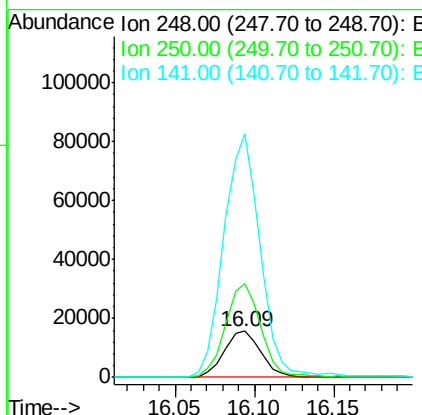
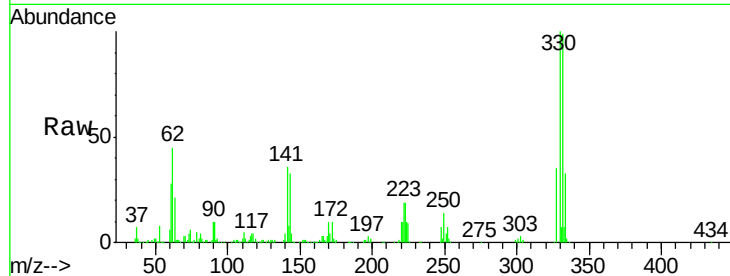




#67
4-Bromophenyl-phenylether
Concen: 5.217 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.44 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

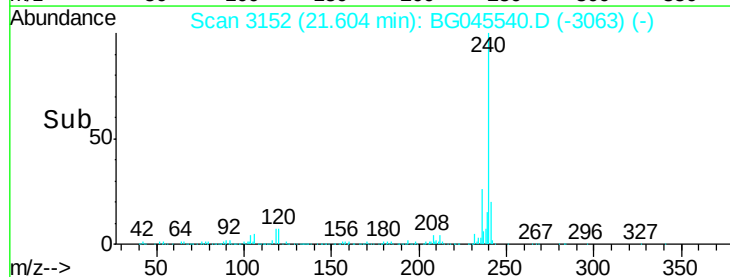
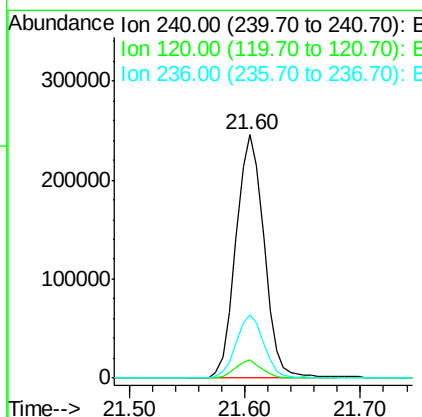
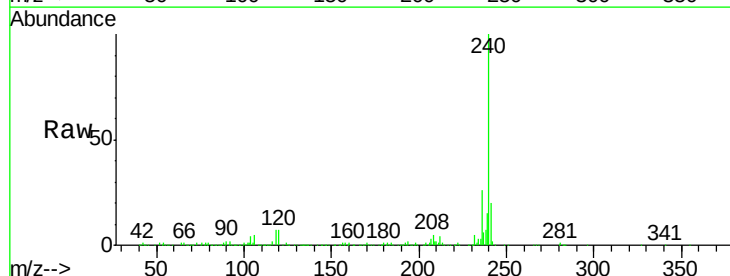
Instrument :
BNA_G
ClientSampleId :
SU-01-052720

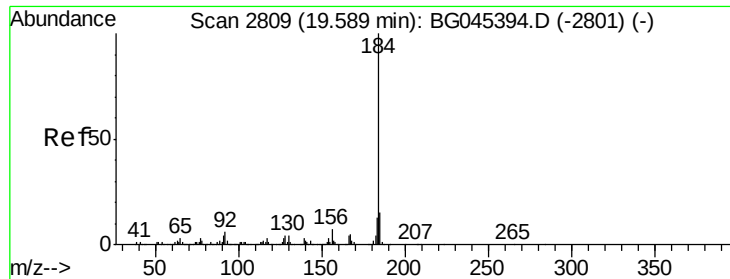
Tot Ion:248 Resp: 25145
Ion Ratio Lower Upper
248 100
250 204.3 78.6 117.8#
141 528.0 58.2 87.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Tgt Ion:240 Resp: 416120
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 26.0 22.3 33.5





#77

Benzidine

Concen: 3.007 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

Instrument :

BNA_G

ClientSampleId :

SU-01-052720

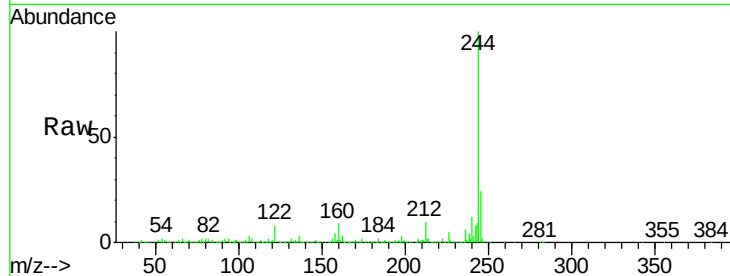
Tot Ion:184 Resp: 35147

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

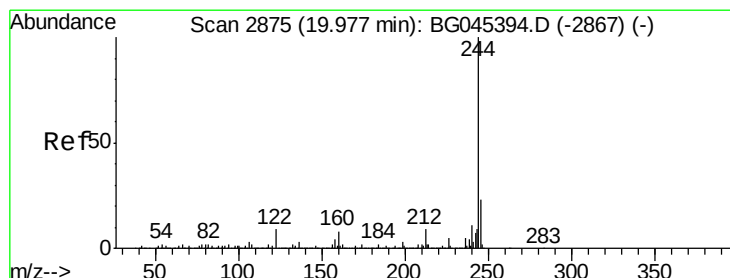
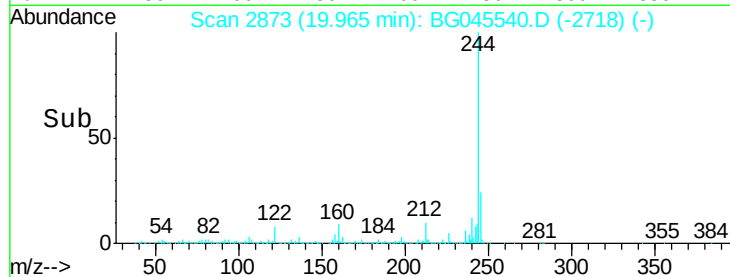
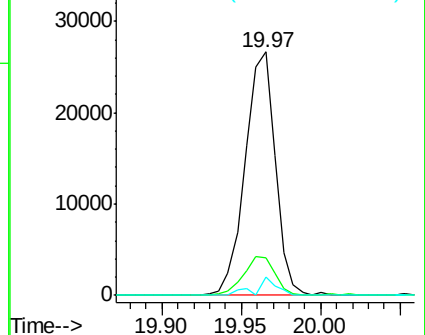
183 7.5 10.2 15.4#



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: 104.685 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

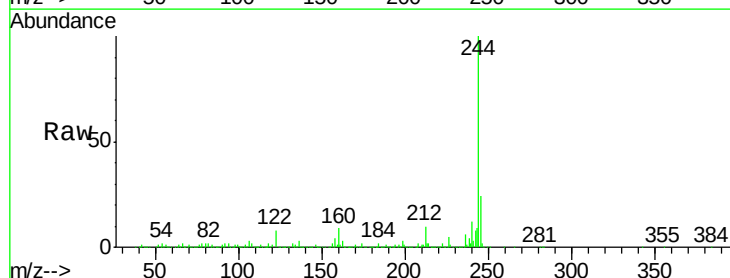
Tgt Ion:244 Resp: 1867742

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

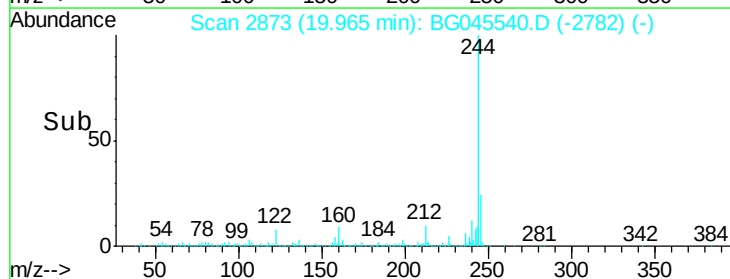
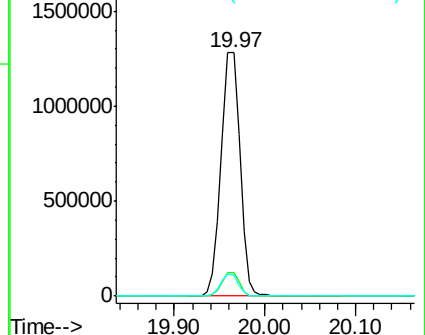
122 8.4 6.8 10.2

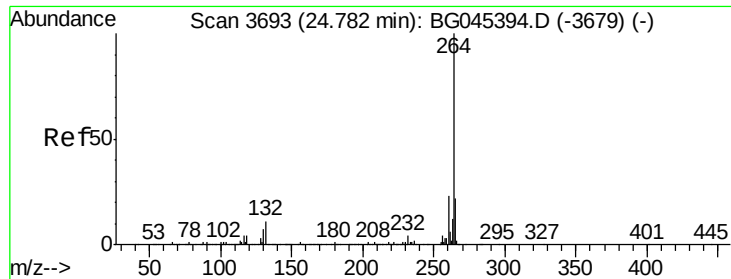


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3688
 Delta R.T. -0.00 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.3	17.6	26.4

