

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045387.D
 Acq On : 14 May 2020 21:11
 Operator : CG/JU
 Sample : L2500-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 15 00:39:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 13:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	70141	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	293622	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	213734	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	500164	20.00	ng	0.00
76) Chrysene-d12	21.62	240	490467	20.00	ng	-0.01
87) Perylene-d12	24.79	264	513395	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	41098	9.67	ng	0.00
7) Phenol-d6	7.14	99	63463	10.05	ng	0.00
23) Nitrobenzene-d5	9.13	82	40390	6.28	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	30526	9.24	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	105280	7.22	ng	0.00
79) Terphenyl-d14	19.98	244	194242	8.63	ng	0.00

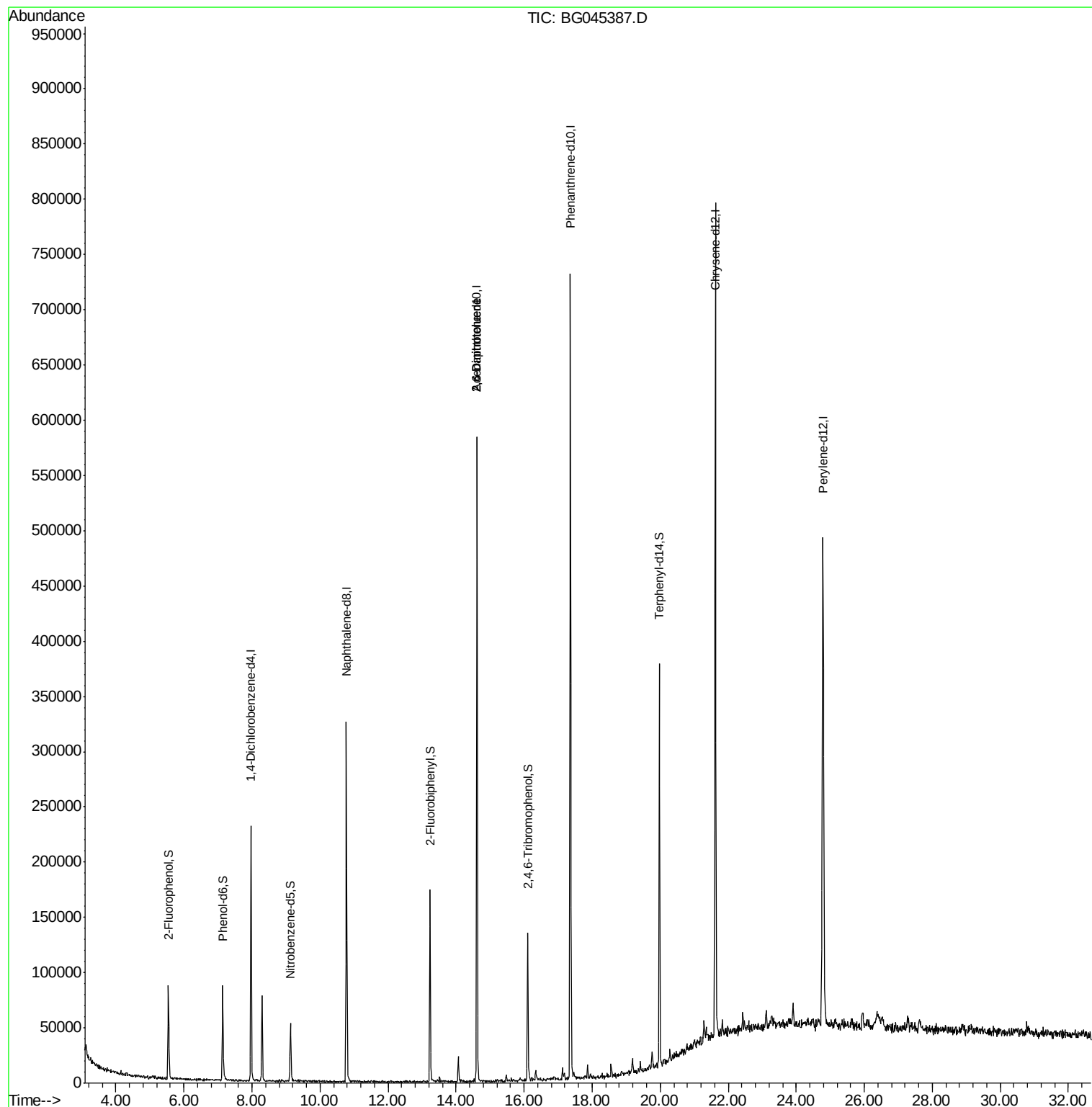
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.14	77	77	Below Cal	#	4
51) 2,6-Dinitrotoluene	14.61	165	28927	7.431 ng	#	24
57) 2,4-Dinitrotoluene	14.61	165	28927	5.085 ng	#	21
69) Atrazine	16.82	200	64	Below Cal	#	35
74) Di-n-butylphthalate	18.33	149	173	Below Cal	#	76
75) Fluoranthene	19.41	202	5931	Below Cal	#	90
77) Benizidine	19.62	184	124	Below Cal	#	64

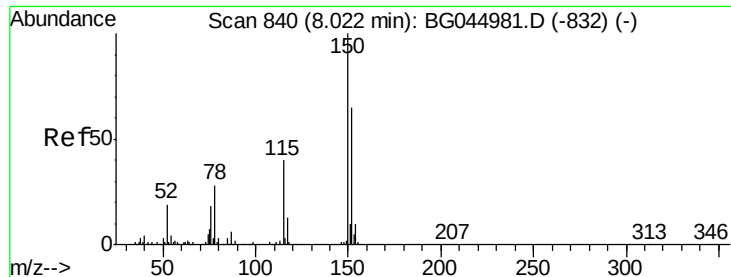
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045387.D
Acq On : 14 May 2020 21:11
Operator : CG/JU
Sample : L2500-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 15 00:39:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration



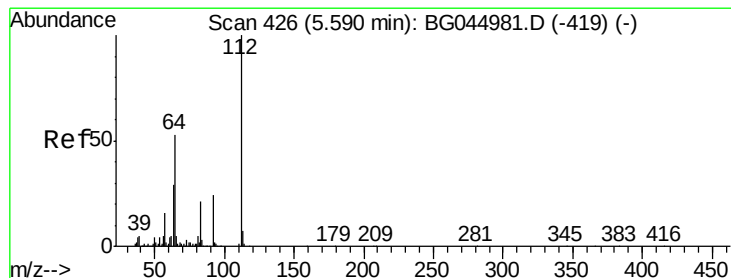
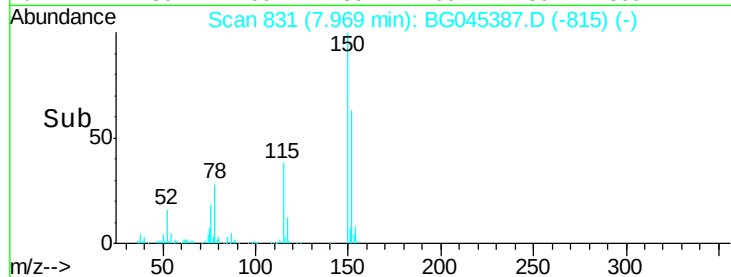
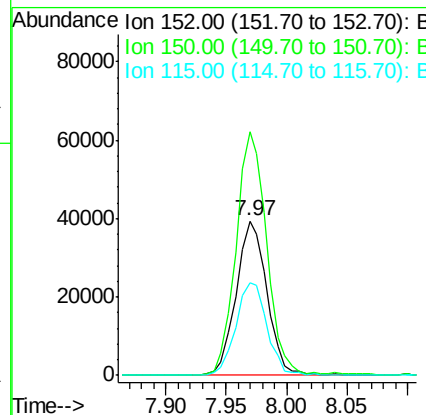
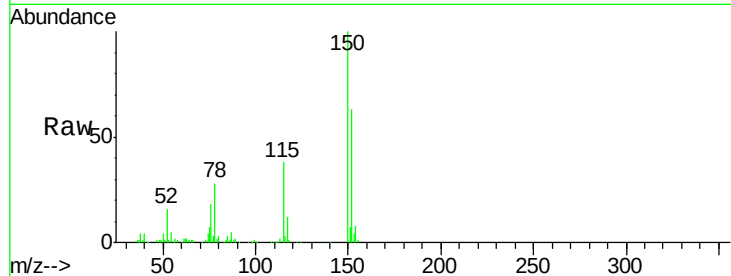


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045387.D
Acq: 14 May 2020 21:11

Instrument :
BNA_G
ClientSampled :

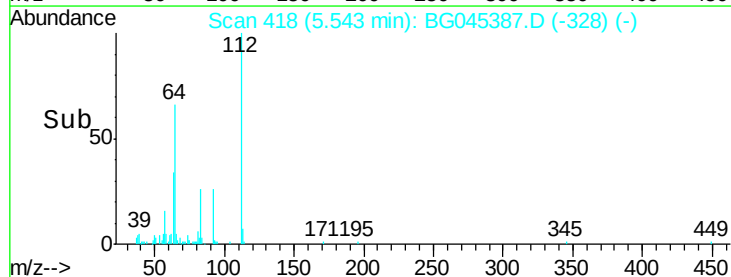
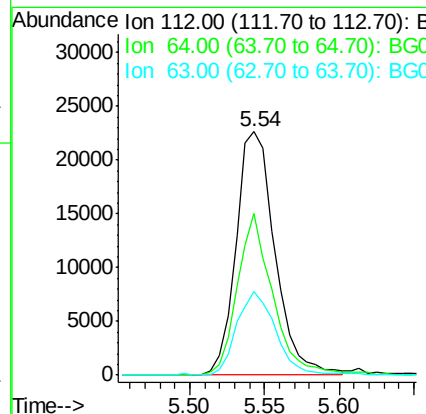
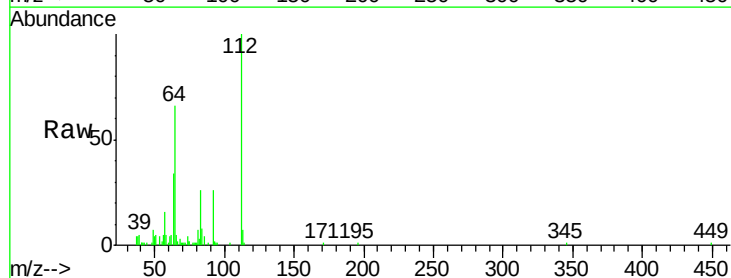
Tot Ion:152 Resp: 70141
Ion Ratio Lower Upper
152 100
150 157.7 123.6 185.4
115 60.2 49.1 73.7

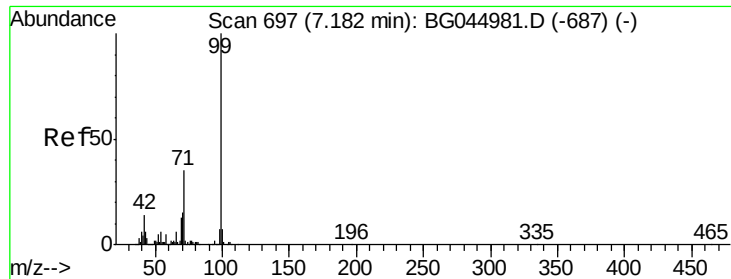


#5

2-Fluorophenol
Concen: 9.673 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045387.D
Acq: 14 May 2020 21:11

Tgt Ion:112 Resp: 41098
Ion Ratio Lower Upper
112 100
64 66.3 42.4 63.6#
63 34.3 23.1 34.7





#7

Phenol-d6

Concen: 10.054 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Instrument :

BNA_G

ClientSampleId :

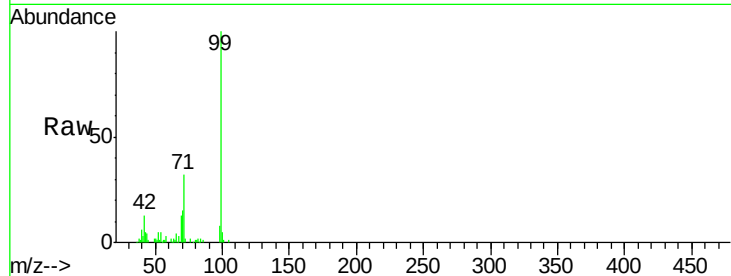
Tot Ion: 99 Resp: 63463

Ion Ratio Lower Upper

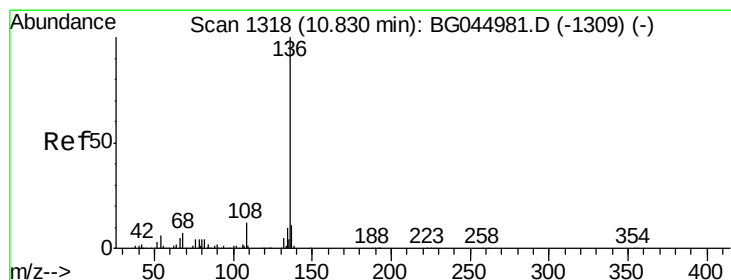
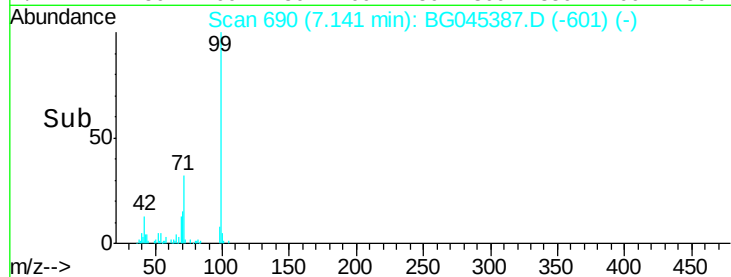
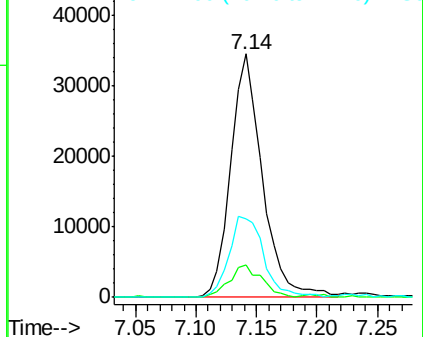
99 100

42 13.2 11.3 16.9

71 32.0 28.3 42.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Tgt Ion: 136 Resp: 293622

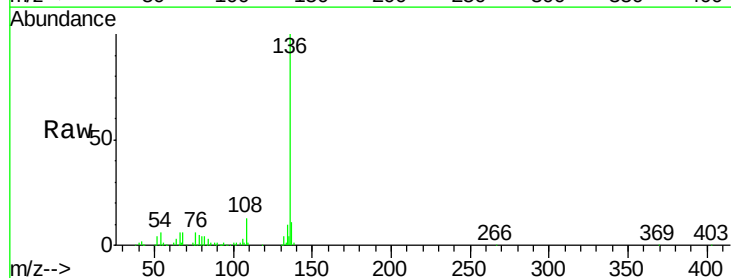
Ion Ratio Lower Upper

136 100

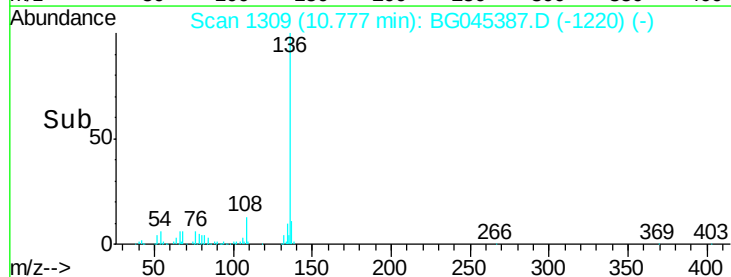
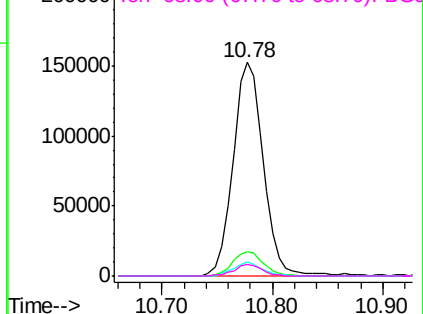
137 11.3 8.6 13.0

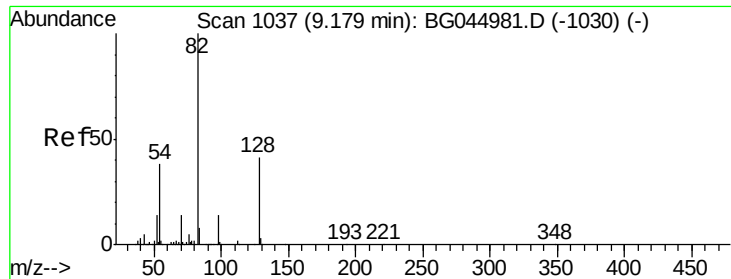
54 6.4 4.8 7.2

68 5.7 5.2 7.8



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

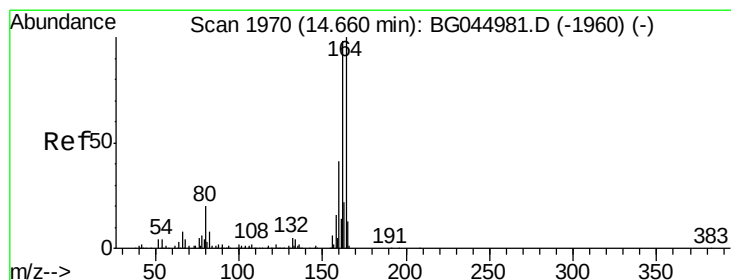
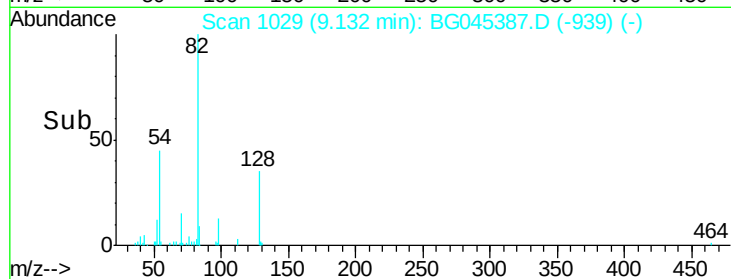
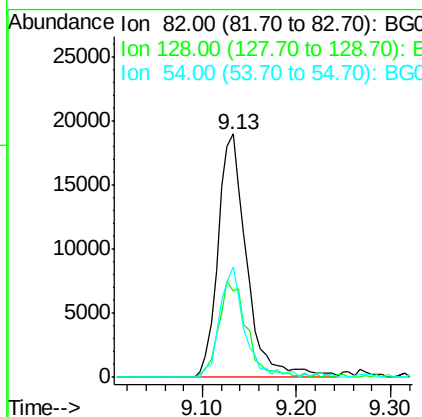
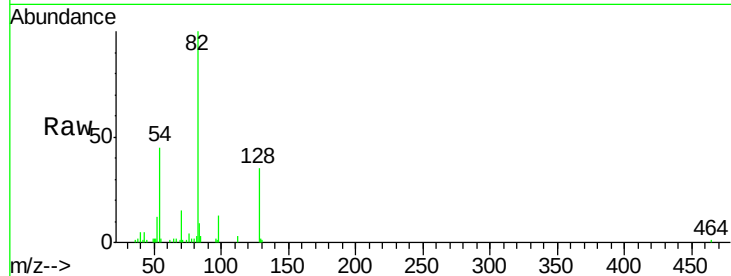




#23
 Nitrobenzene-d5
 Concen: 6.277 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

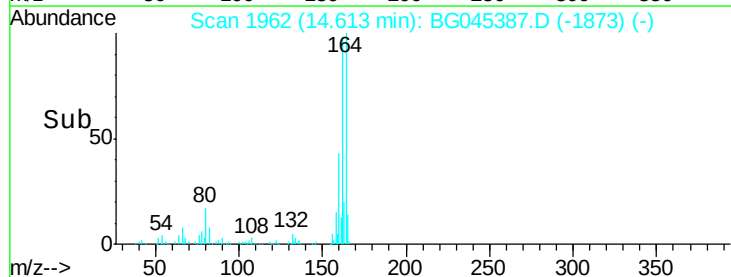
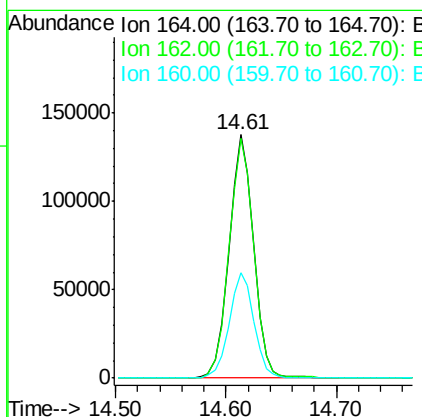
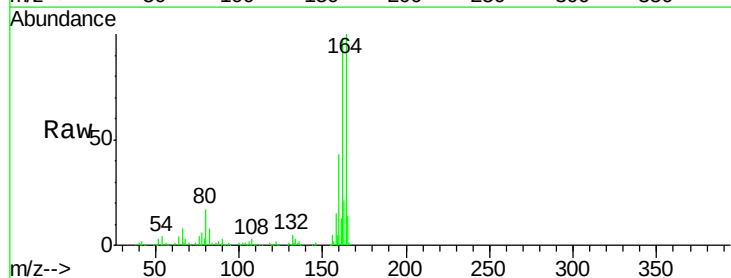
Instrument :
 BNA_G
 ClientSampled :

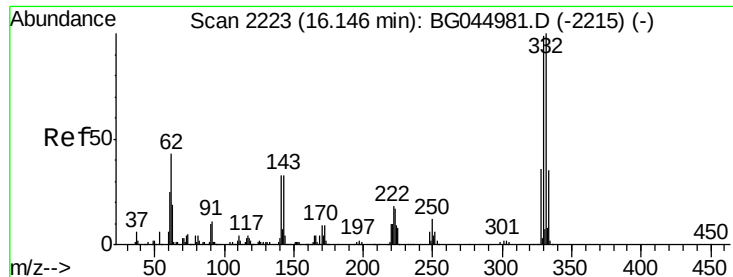
Tot Ion	82	Resp	40390
Ion Ratio	Lower	Upper	
82	100		
128	35.2	33.0	49.4
54	45.2	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

Tgt Ion	164	Resp	213734
Ion Ratio	Lower	Upper	
164	100		
162	98.2	78.7	118.1
160	43.2	32.8	49.2

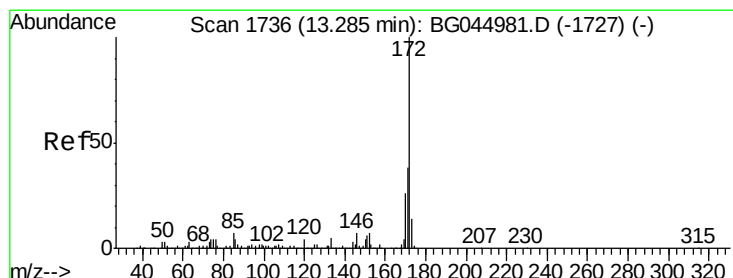
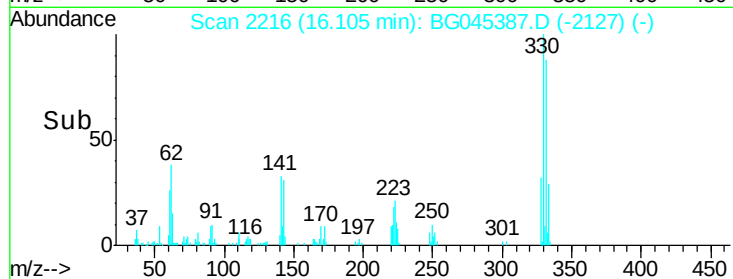
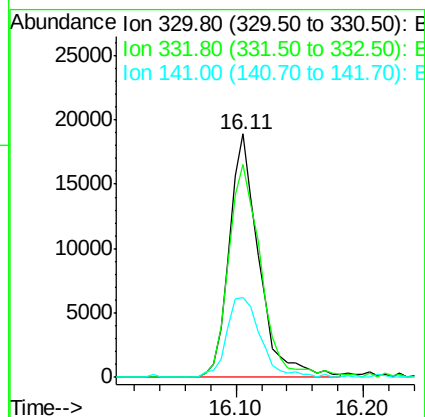
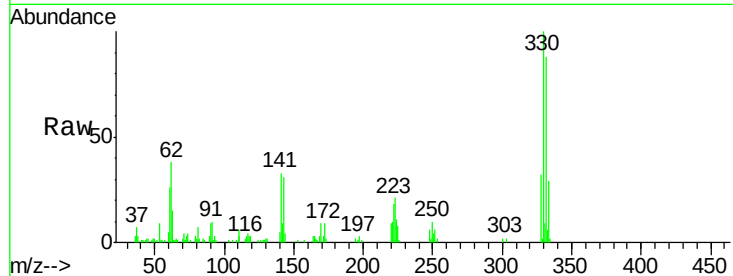




#42
 2,4,6-Tribromophenol
 Concen: 9.245 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

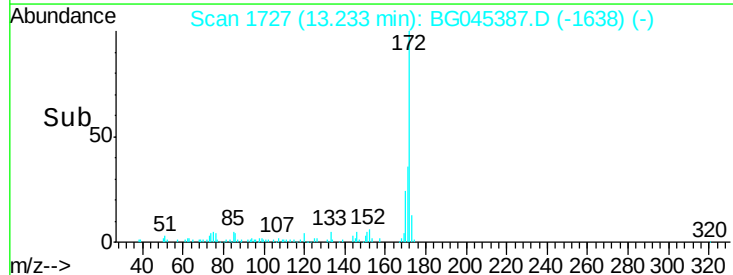
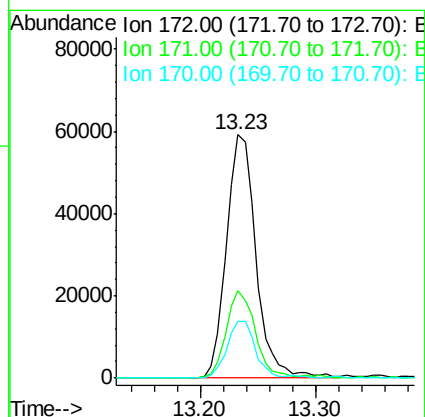
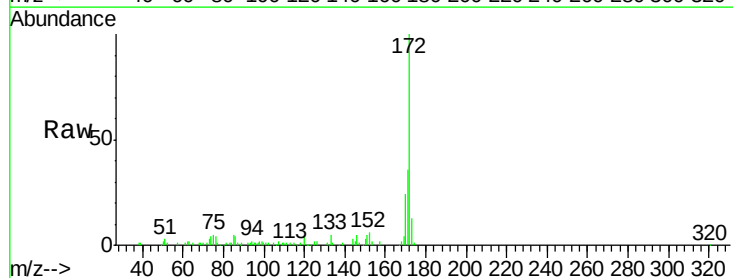
Instrument :
 BNA_G
 ClientSampled :

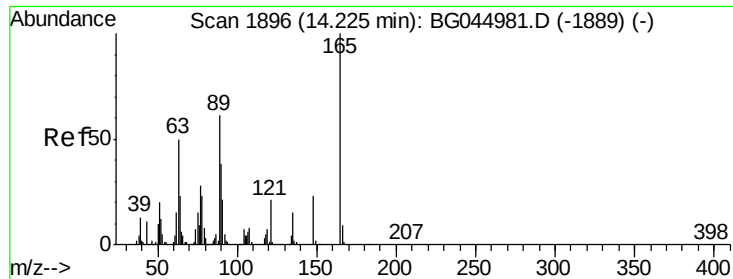
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	37.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 7.223 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045387.D
 Acq: 14 May 2020 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	46.0
170	23.5	20.5	30.7

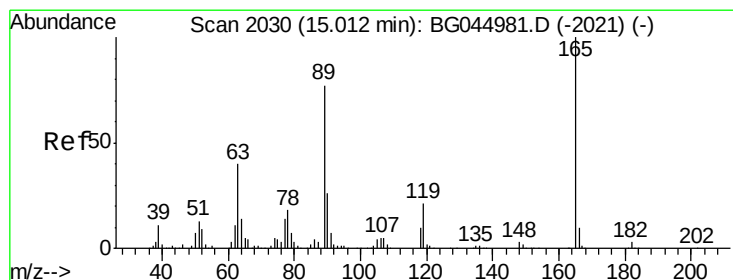
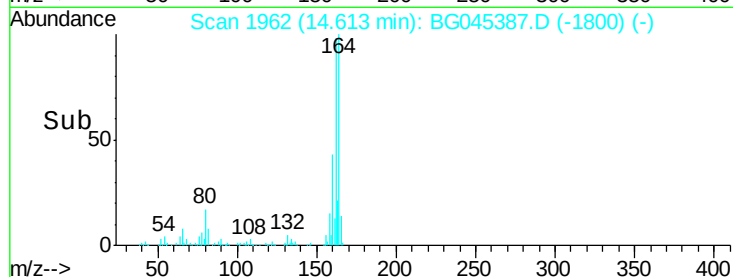
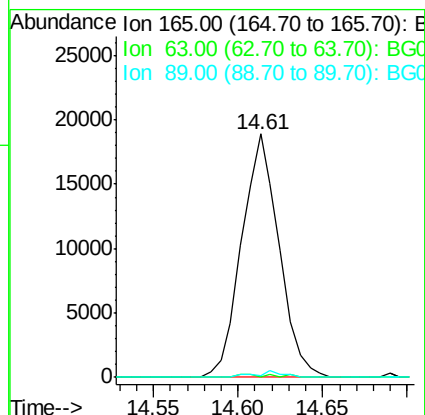
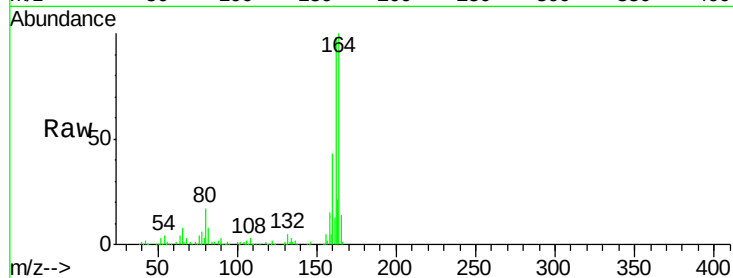




#51
2,6-Dinitrotoluene
Concen: 7.431 ng
RT: 14.61 min Scan# 1962
Delta R.T. 0.42 min
Lab File: BG045387.D
Acq: 14 May 2020 21:11

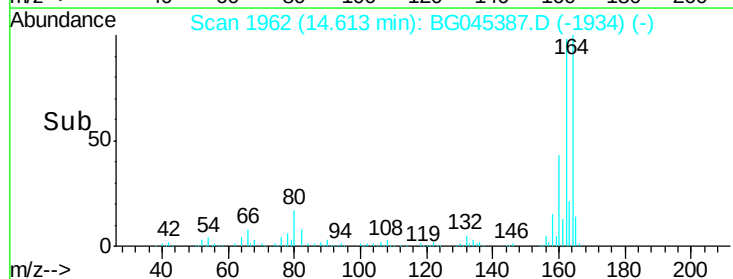
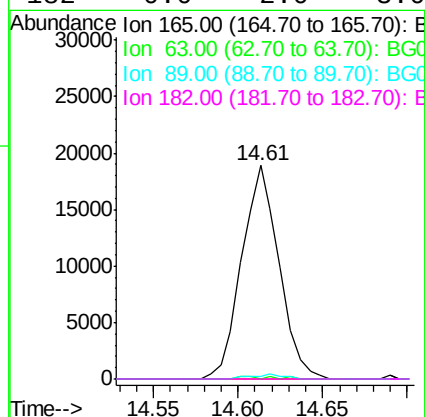
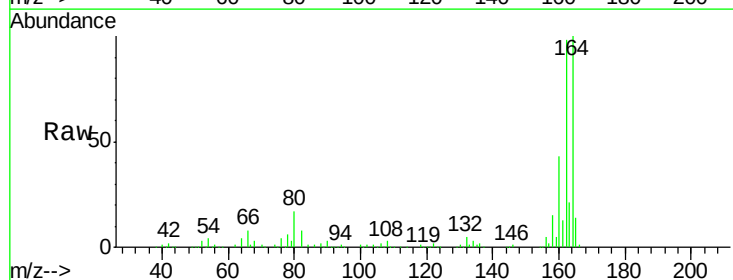
Instrument :
BNA_G
ClientSampleId :

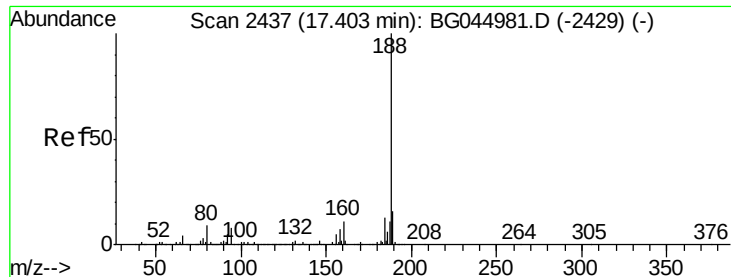
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	0.9	49.1	73.7#



#57
2,4-Dinitrotoluene
Concen: 5.085 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.36 min
Lab File: BG045387.D
Acq: 14 May 2020 21:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	0.9	61.7	92.5#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Instrument :

BNA_G

ClientSampleId :

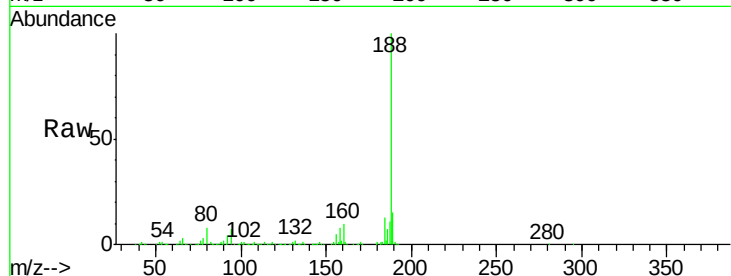
Tot Ion:188 Resp: 500164

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

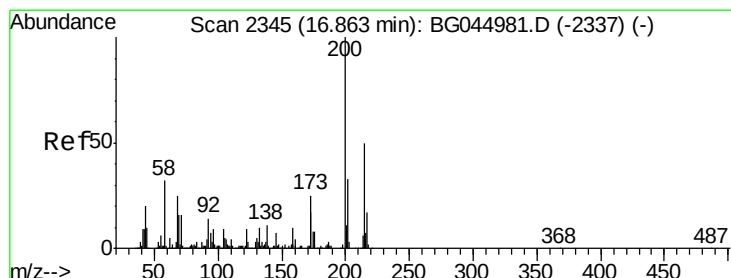
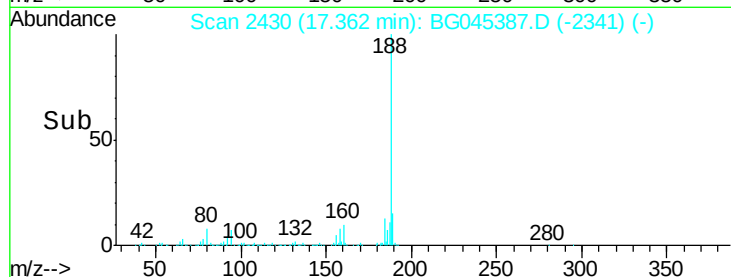
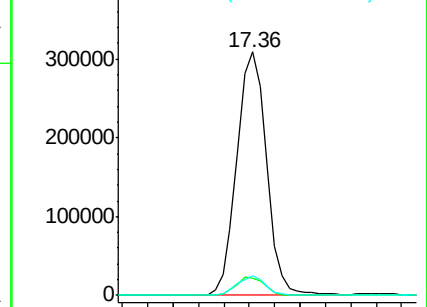
80 8.3 7.0 10.6



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



#69

Atrazine

Concen: Below Cal

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

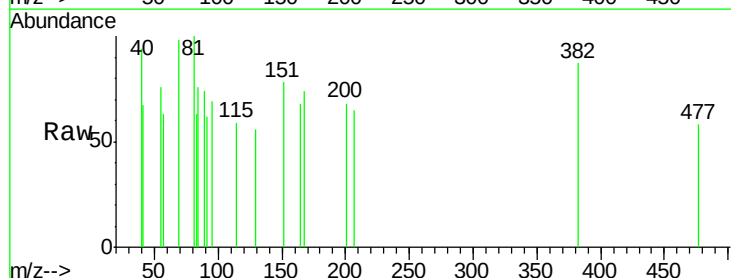
Tgt Ion:200 Resp: 64

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

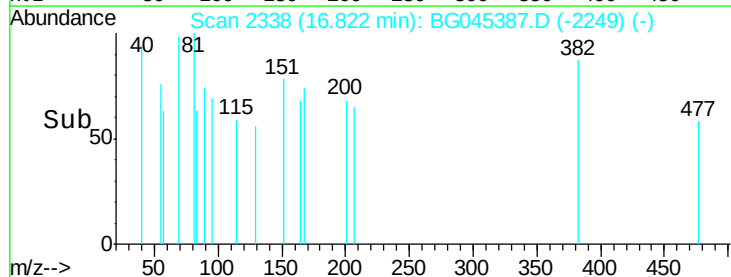
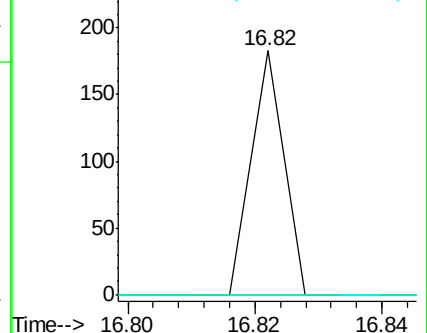
215 0.0 30.0 70.0#

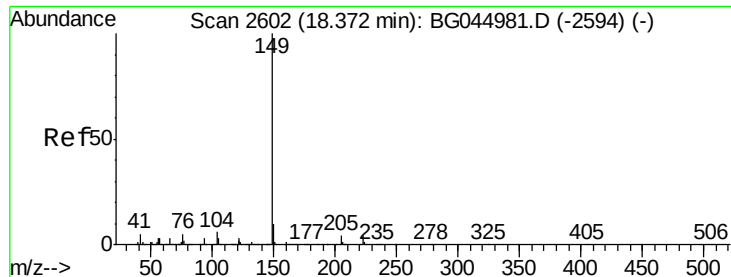


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG045387.D

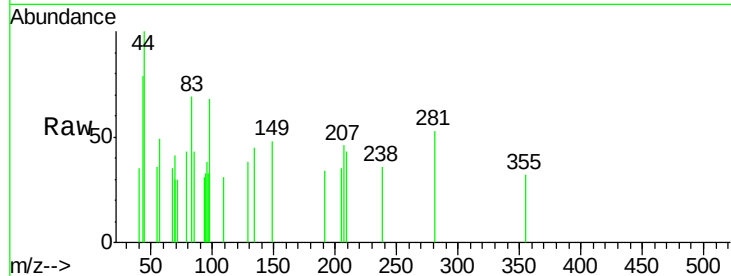
Acq: 14 May 2020 21:11

Instrument :

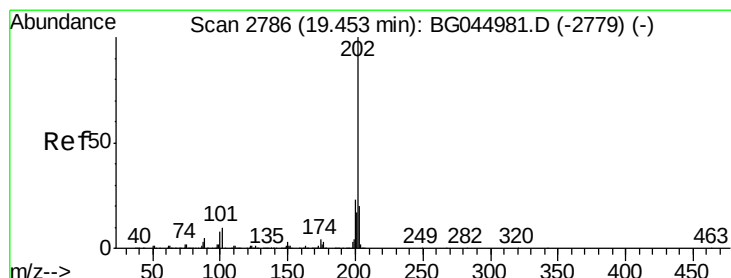
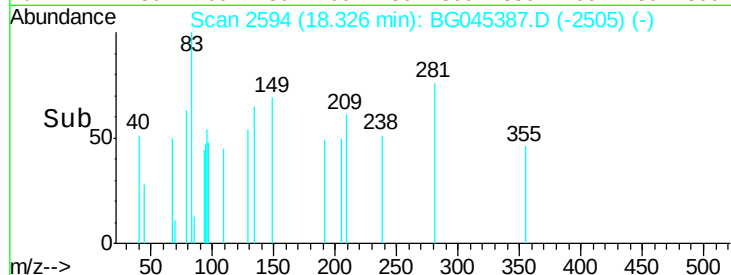
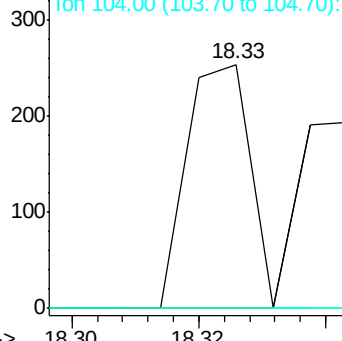
BNA_G

ClientSampleId :

Tot Ion:149	Resp:	173
Ion Ratio	Lower	Upper
149	100	
150	0.0	8.2 12.2#
104	0.0	4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E



#75

Fluoranthene

Concen: Below Cal

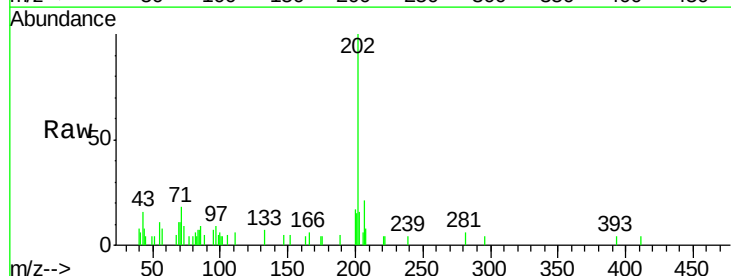
RT: 19.41 min Scan# 2779

Delta R.T. -0.01 min

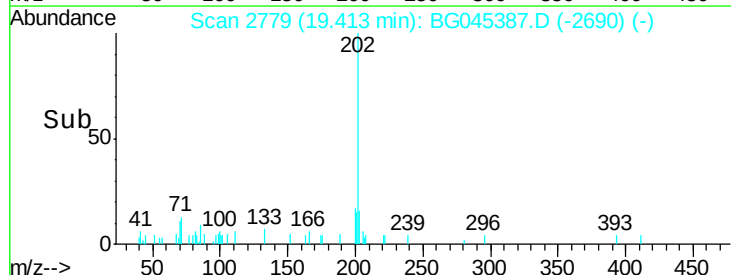
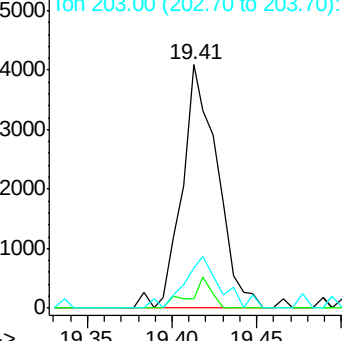
Lab File: BG045387.D

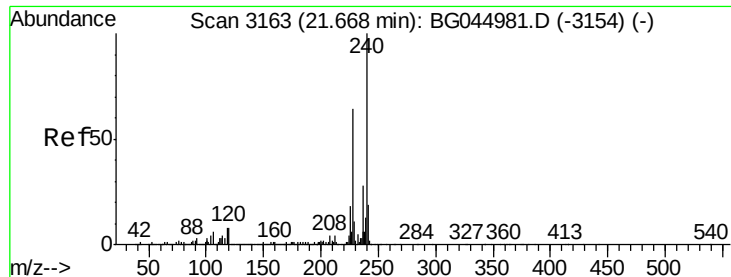
Acq: 14 May 2020 21:11

Tgt Ion:202	Resp:	5931
Ion Ratio	Lower	Upper
202	100	
101	3.7	0.0 29.6
203	16.3	0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Instrument :

BNA_G

ClientSampleId :

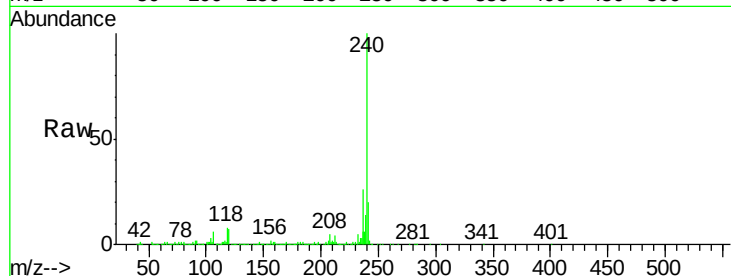
Tot Ion:240 Resp: 490467

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

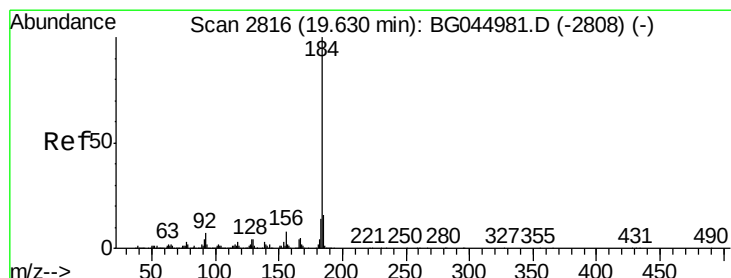
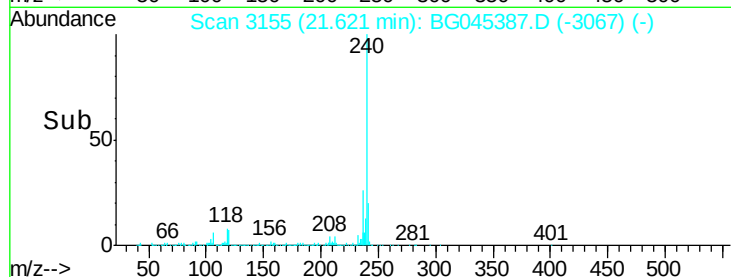
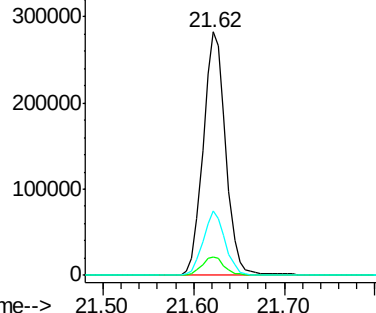
236 26.3 22.2 33.2



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: Below Cal

RT: 19.62 min Scan# 2814

Delta R.T. 0.02 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

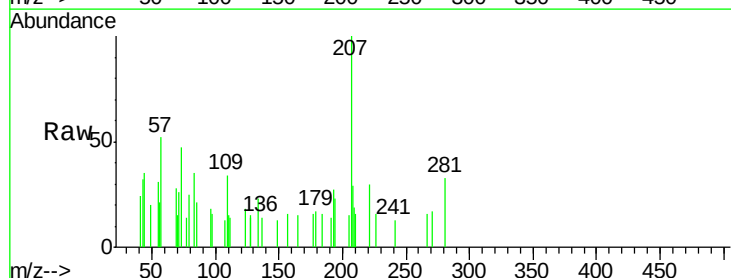
Tgt Ion:184 Resp: 124

Ion Ratio Lower Upper

184 100

185 0.0 12.6 19.0#

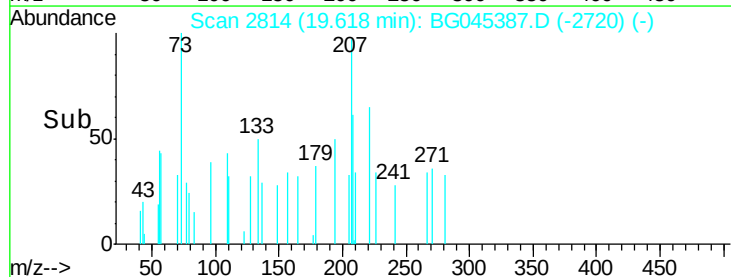
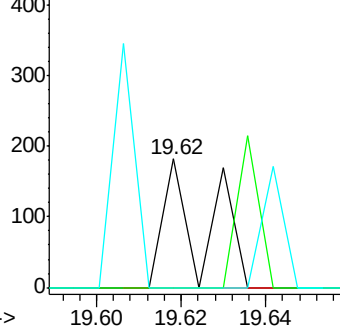
183 0.0 11.3 16.9#

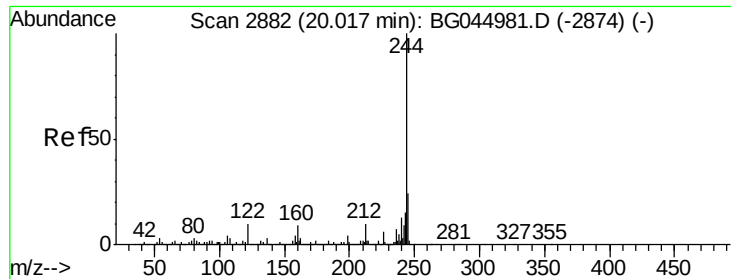


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 8.632 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

Instrument :

BNA_G

ClientSampleId :

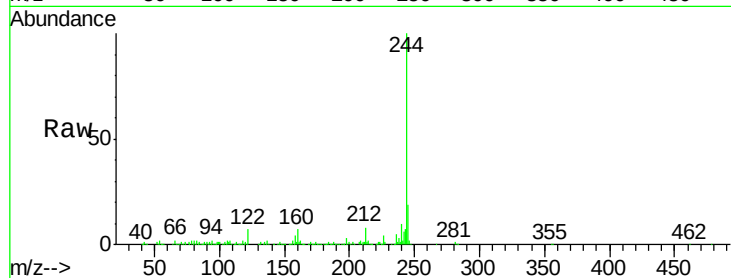
Tot Ion:244 Resp: 194242

Ion Ratio Lower Upper

244 100

212 7.5 7.9 11.9#

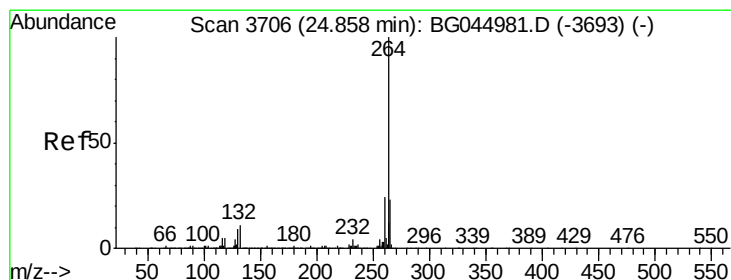
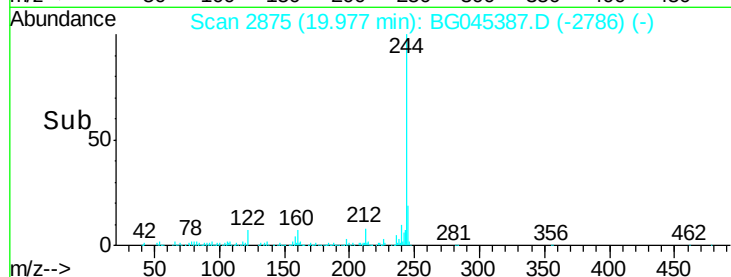
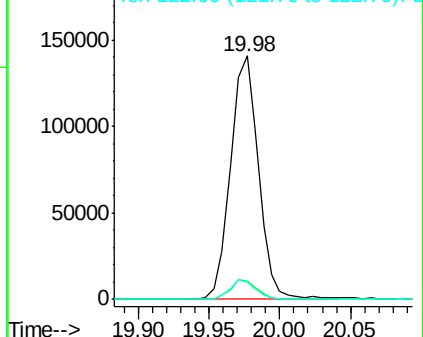
122 7.2 7.7 11.5#



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: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045387.D

Acq: 14 May 2020 21:11

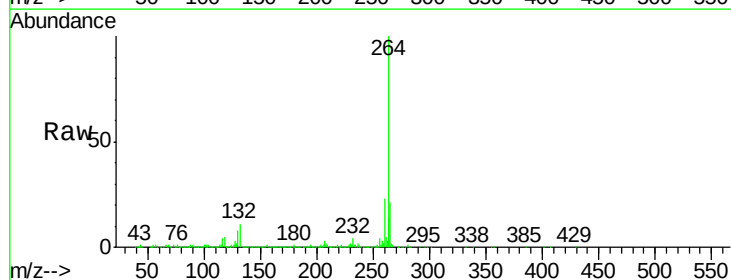
Tgt Ion:264 Resp: 513395

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.6 19.0 28.4



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

