

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045280.D
 Acq On : 7 May 2020 22:00
 Operator : CG/JU
 Sample : L2523-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 08 03:45:26 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 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	60191	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	233067	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	168143	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	394607	20.00	ng	0.00
76) Chrysene-d12	21.63	240	385070	20.00	ng	0.00
87) Perylene-d12	24.80	264	407552	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	475694	130.48	ng	0.00
7) Phenol-d6	7.15	99	568265	104.91	ng	0.00
23) Nitrobenzene-d5	9.14	82	529750	103.71	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	404847	155.85	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1194126	104.14	ng	0.00
79) Terphenyl-d14	19.99	244	2047130	115.87	ng	0.00

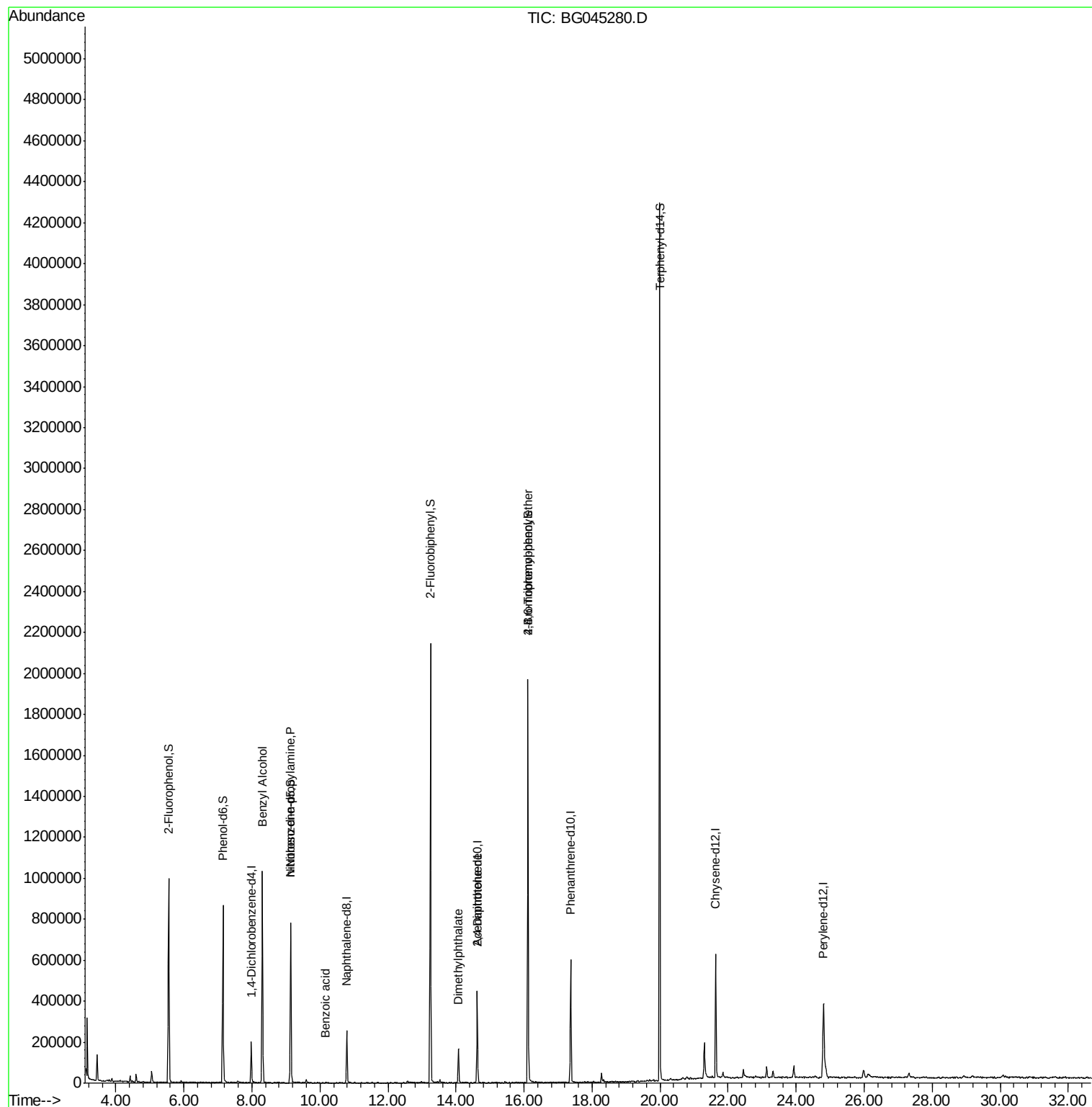
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.14	77	1477	Below Cal	#	4
15) Benzyl Alcohol	8.30	79	9391	2.068 ng	#	49
19) n-Nitroso-di-n-propylamine	9.14	70	72425	18.906 ng	#	81
32) Benzoic acid	10.14	122	68	6.394 ng	#	1
50) Dimethylphthalate	14.07	163	120683	8.815 ng		99
57) 2,4-Dinitrotoluene	14.62	165	22026	4.922 ng	#	22
67) 4-Bromophenyl-phenylether	16.11	248	26381	5.182 ng	#	1
69) Atrazine	16.71	200	61	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	7824	Below Cal	#	94
75) Fluoranthene	19.43	202	352	Below Cal		62
77) Benzydine	19.61	184	4751	Below Cal	#	83

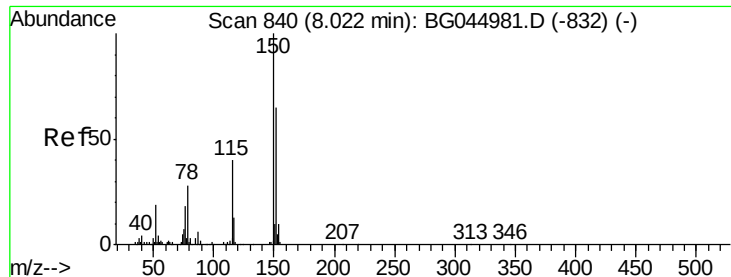
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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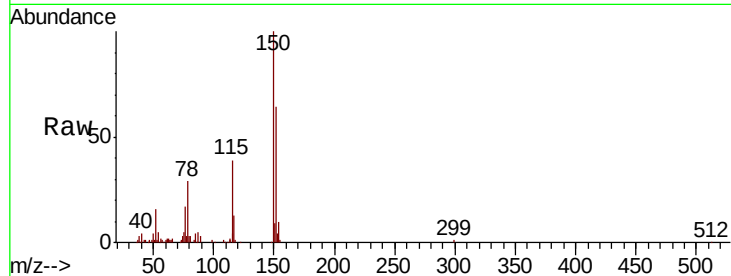


#1

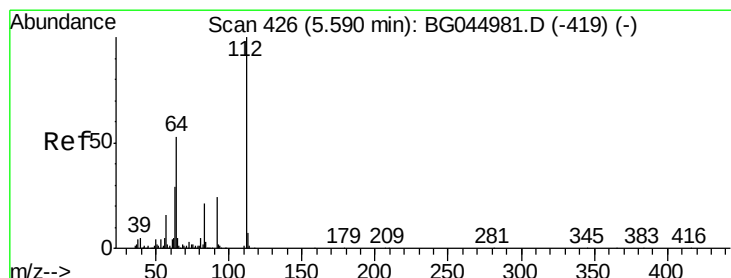
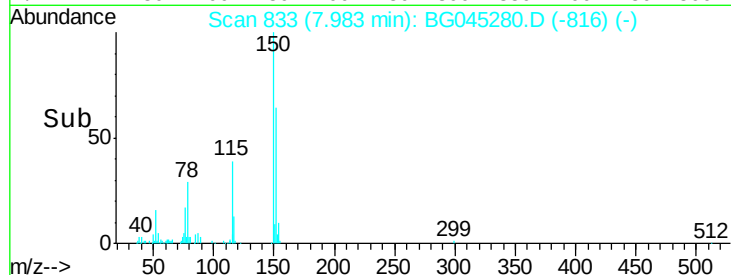
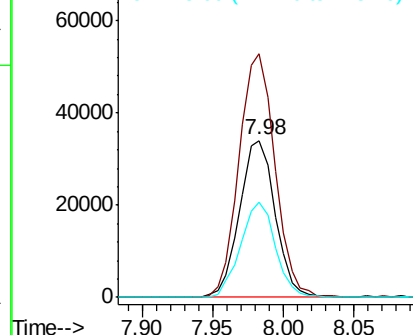
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60191
Ion Ratio Lower Upper
152 100
150 155.4 123.6 185.4
115 60.8 49.1 73.7



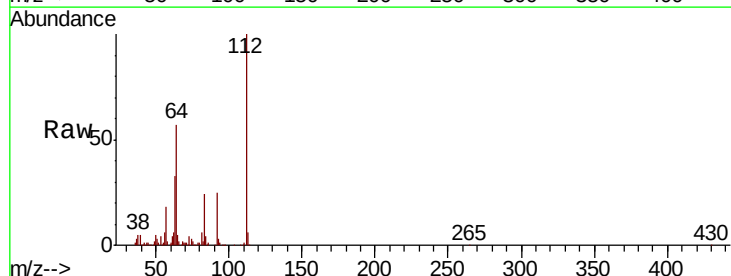
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



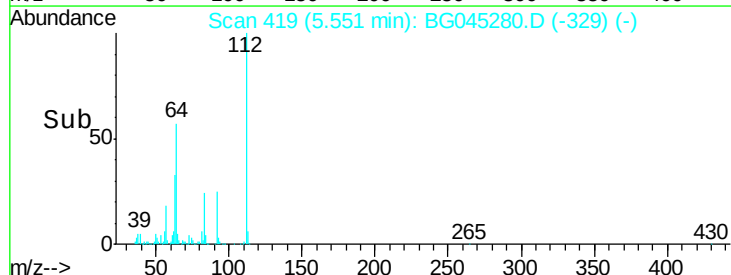
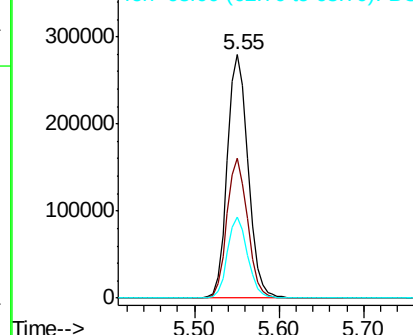
#5

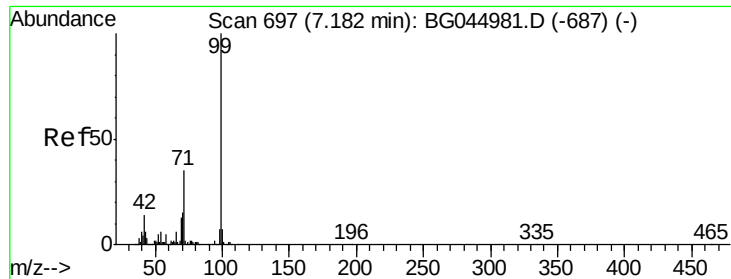
2-Fluorophenol
Concen: 130.475 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Tgt Ion:112 Resp: 475694
Ion Ratio Lower Upper
112 100
64 57.4 42.4 63.6
63 33.2 23.1 34.7



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: 104.907 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

Instrument :

BNA_G

ClientSampleId :

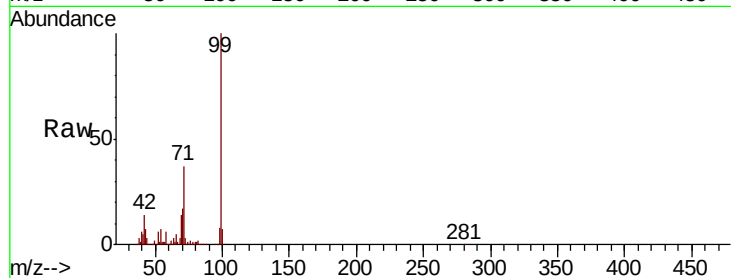
Tot Ion: 99 Resp: 568265

Ion Ratio Lower Upper

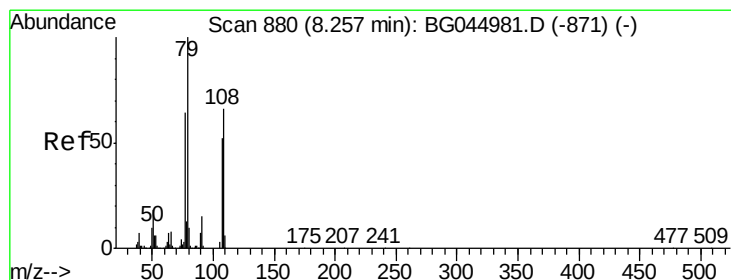
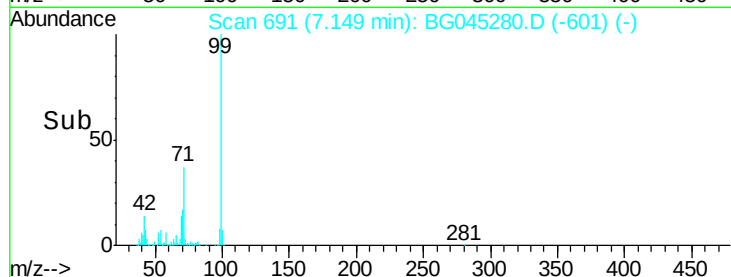
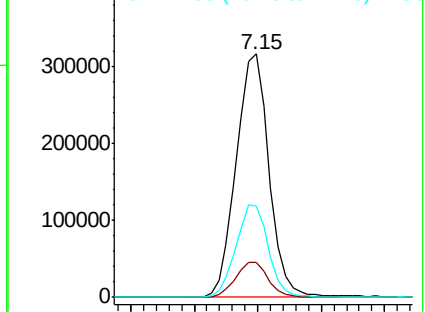
99 100

42 14.2 11.3 16.9

71 37.4 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



#15

Benzyl Alcohol

Concen: 2.068 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.08 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

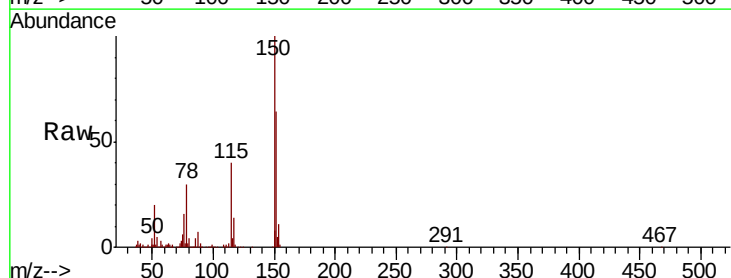
Tgt Ion: 79 Resp: 9391

Ion Ratio Lower Upper

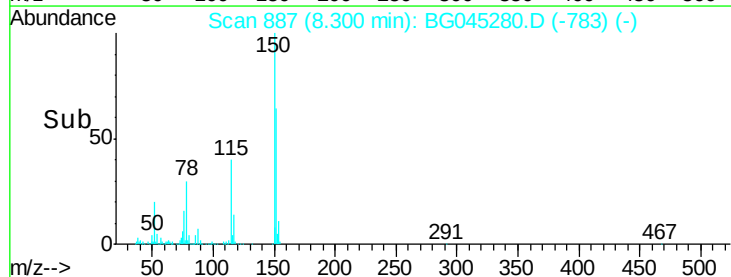
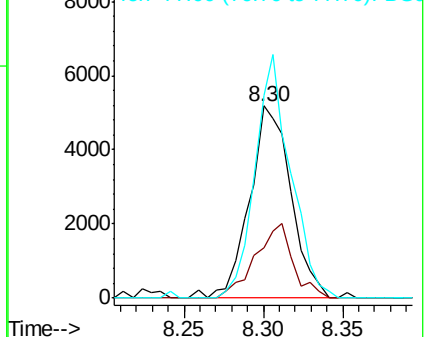
79 100

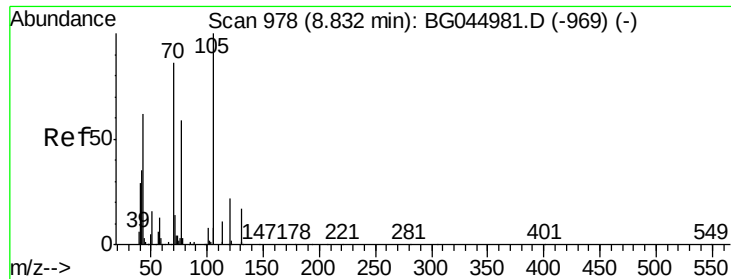
108 26.4 52.7 79.1#

77 105.2 51.3 76.9#



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

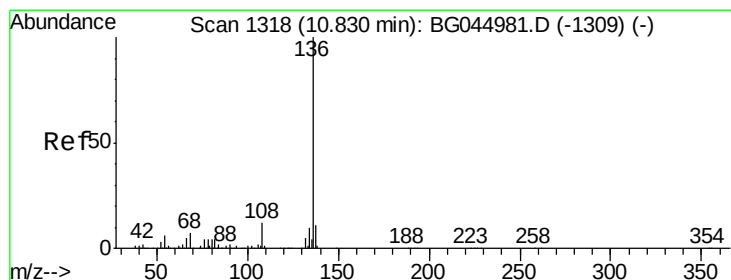
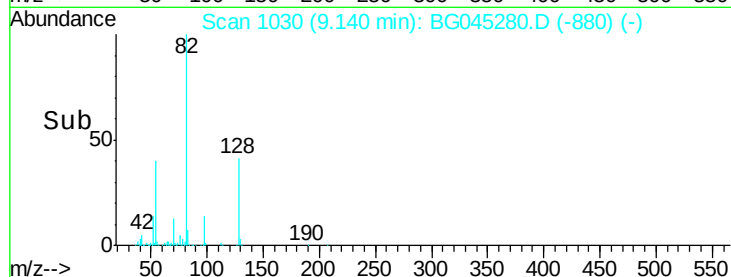
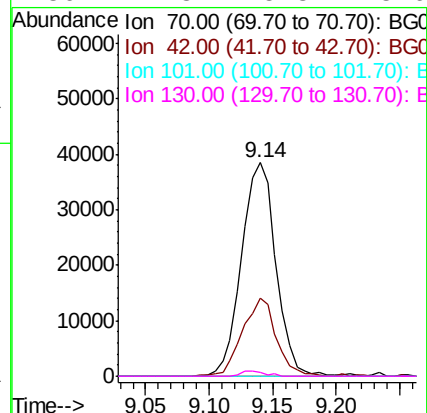
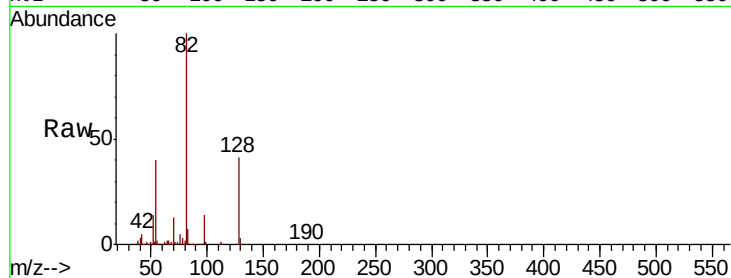




#19
n-Nitroso-di-n-propylamine
Concen: 18.906 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.35 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

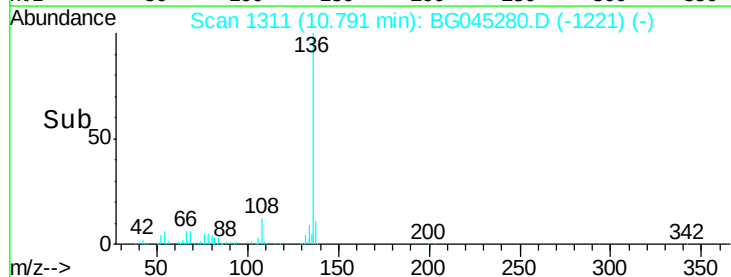
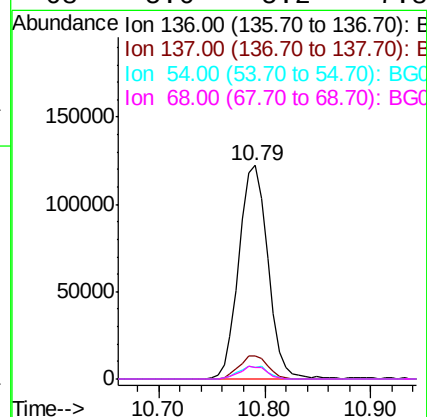
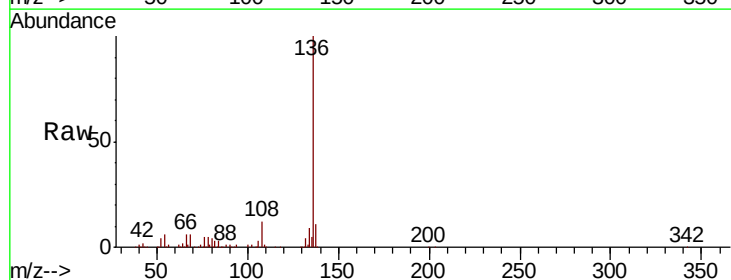
Instrument :
BNA_G
ClientSampleId :

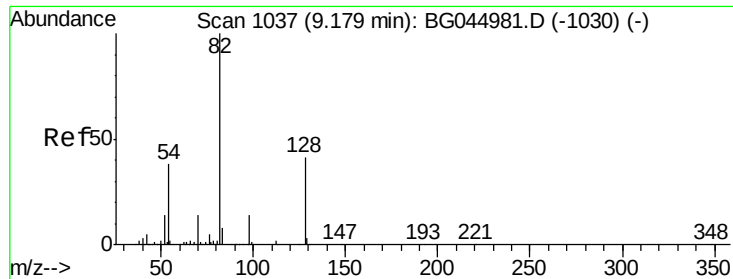
Tot Ion: 70 Resp: 72425
Ion Ratio Lower Upper
70 100
42 36.7 33.3 49.9
101 0.0 7.8 11.8#
130 1.8 15.8 23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Tgt Ion: 136 Resp: 233067
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.6 4.8 7.2
68 5.6 5.2 7.8

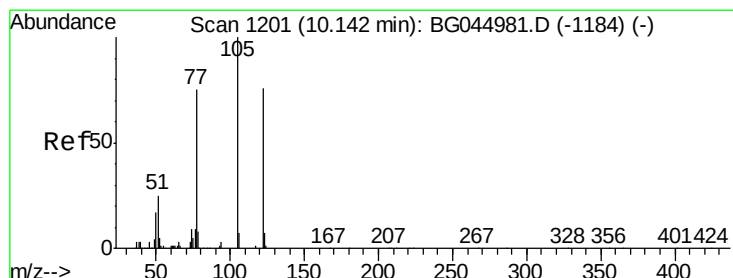
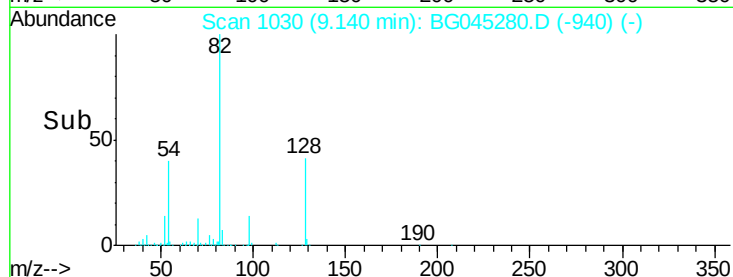
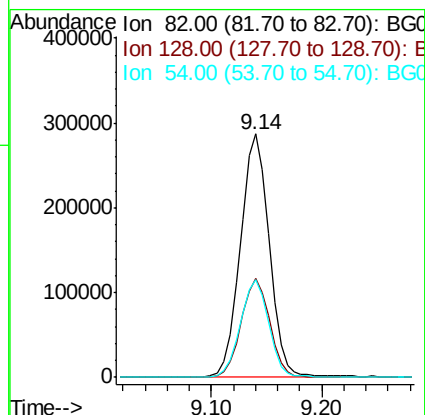
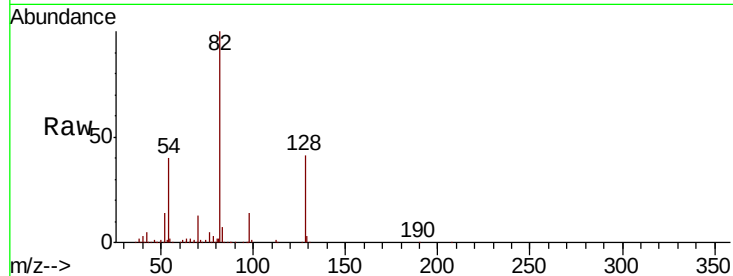




#23
Nitrobenzene-d5
Concen: 103.712 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

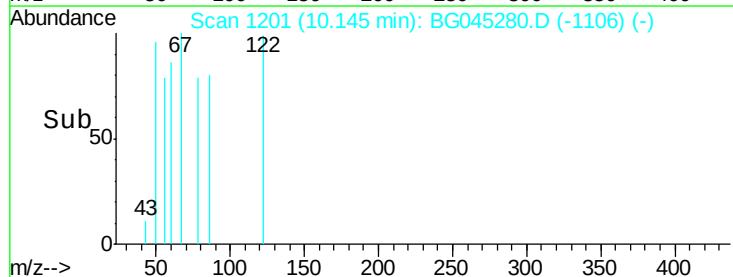
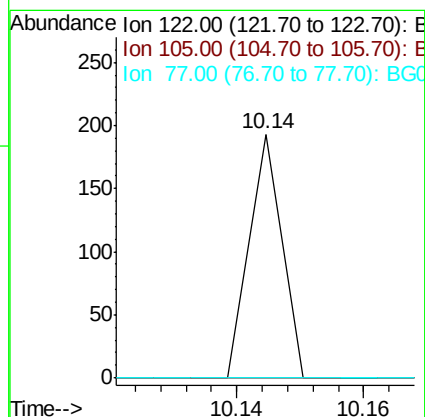
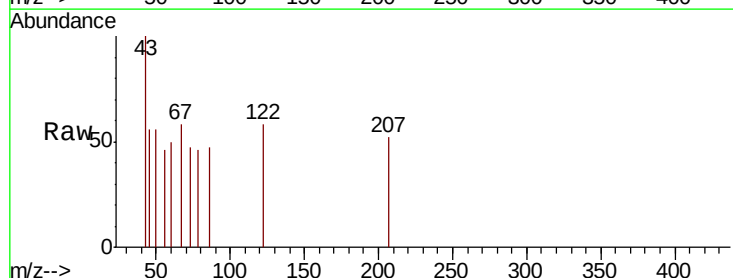
Instrument :
BNA_G
ClientSampleId :

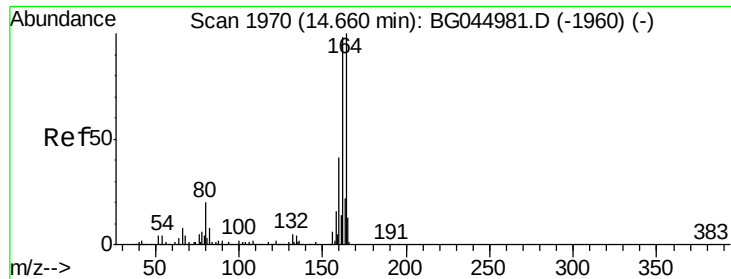
Tot Ion	82	Resp	529750
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.0	49.4
54	39.9	30.4	45.6



#32
Benzoic acid
Concen: 6.394 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.03 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Tgt Ion	122	Resp	68
Ion Ratio	Lower	Upper	
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#

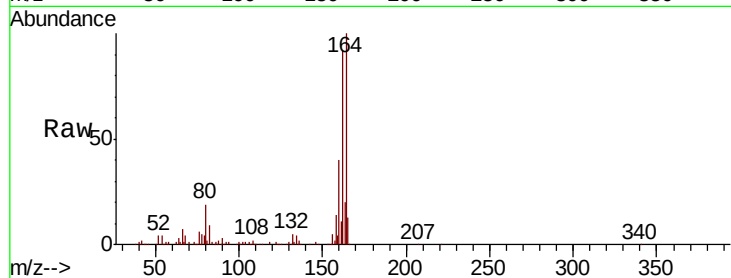




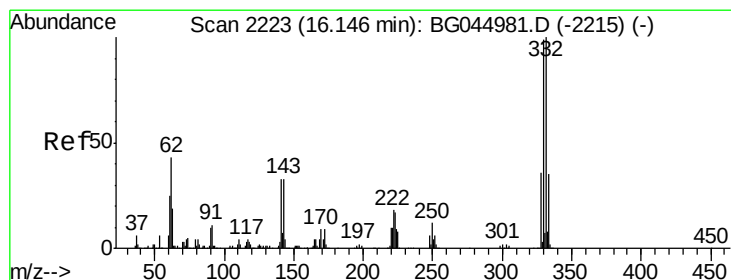
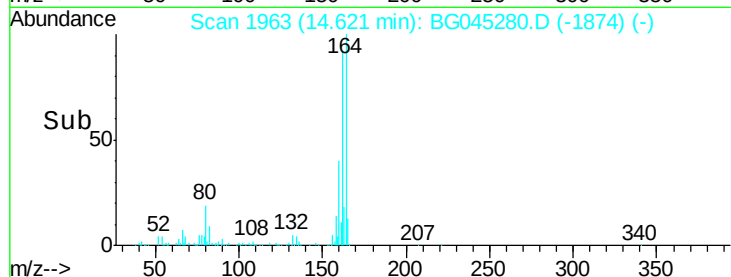
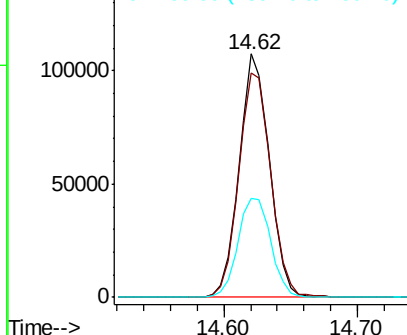
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.4	78.7	118.1
160	40.5	32.8	49.2

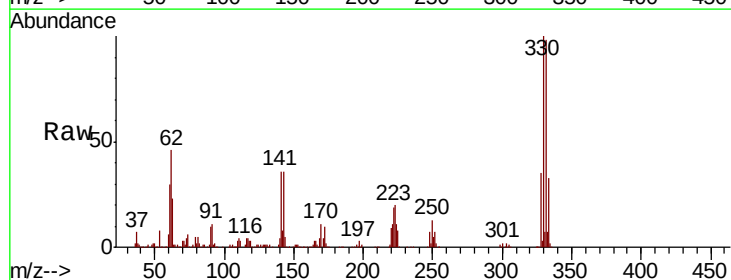


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

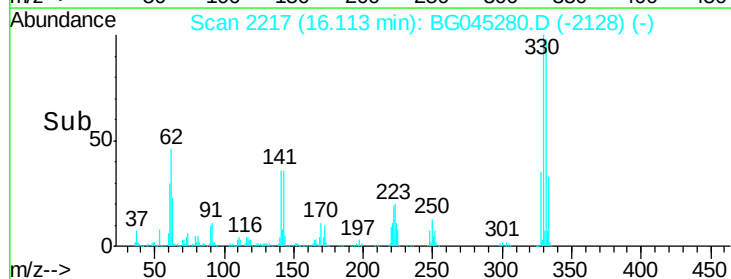
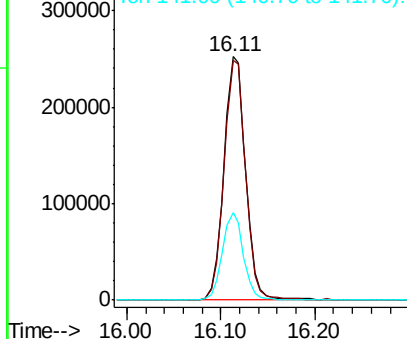


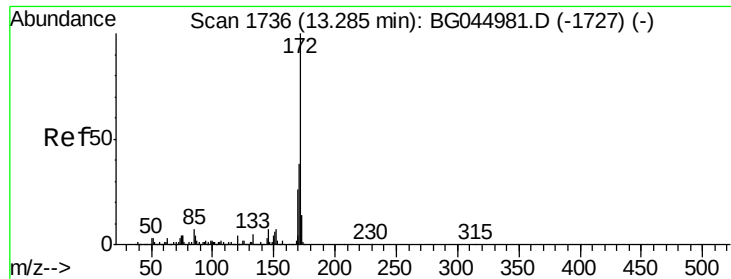
#42
2,4,6-Tribromophenol
Concen: 155.855 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	35.2	27.1	40.7



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

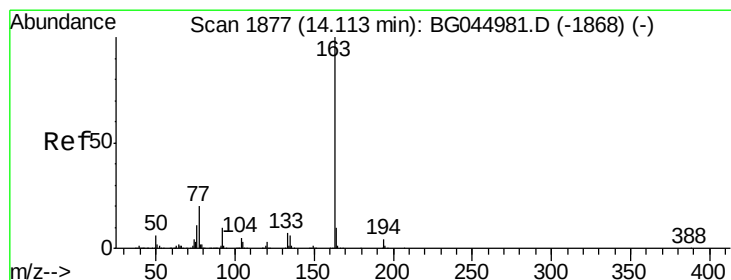
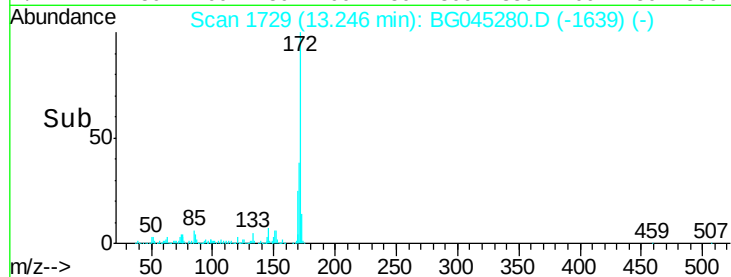
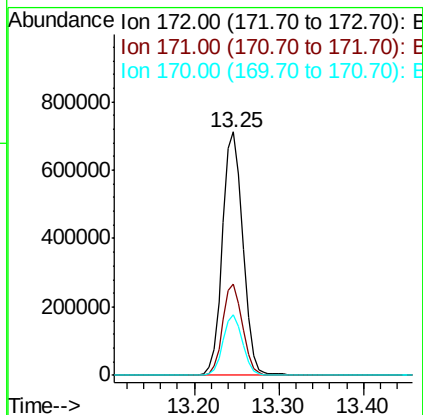
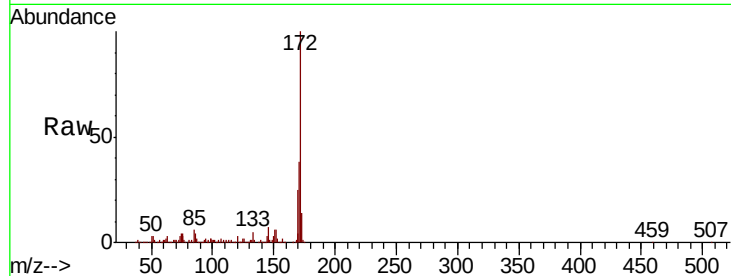




#45
2-Fluorobiphenyl
Concen: 104.136 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

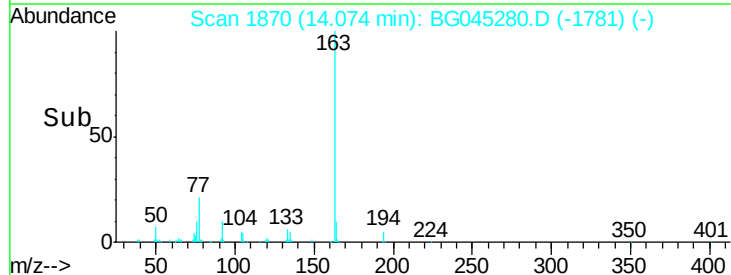
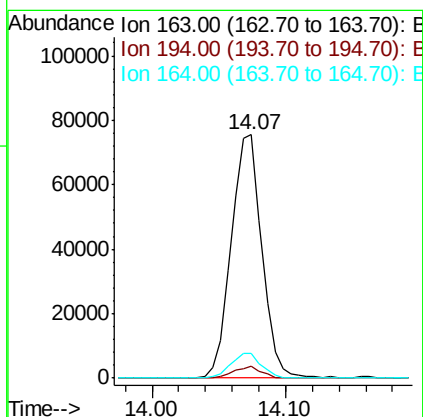
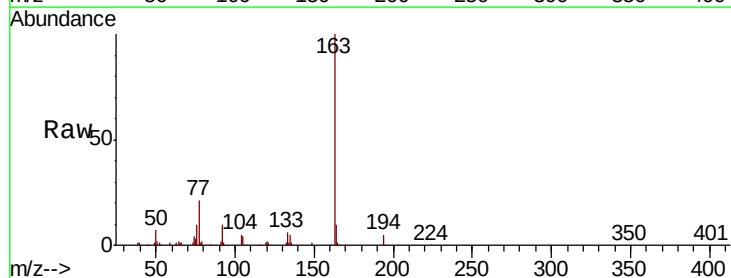
Instrument :
BNA_G
ClientSampleId :

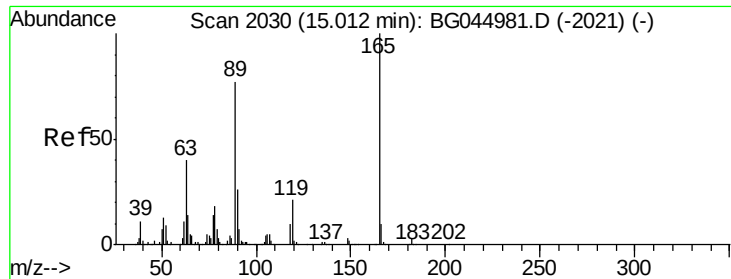
Tot Ion:172 Resp: 1194126
Ion Ratio Lower Upper
172 100
171 37.5 30.6 46.0
170 24.7 20.5 30.7



#50
Dimethylphthalate
Concen: 8.815 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Tgt Ion:163 Resp: 120683
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.1 8.2 12.4





#57

2,4-Dinitrotoluene

Concen: 4.922 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.36 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 22026

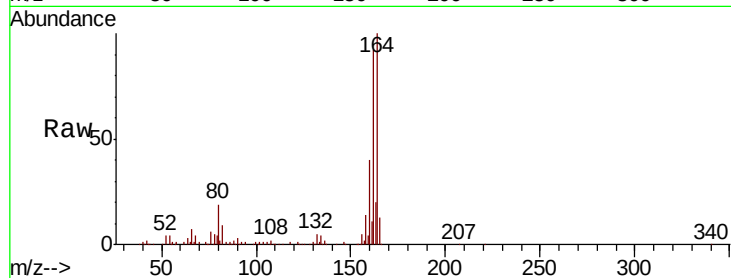
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 1.3 61.7 92.5#

182 0.0 2.0 3.0#

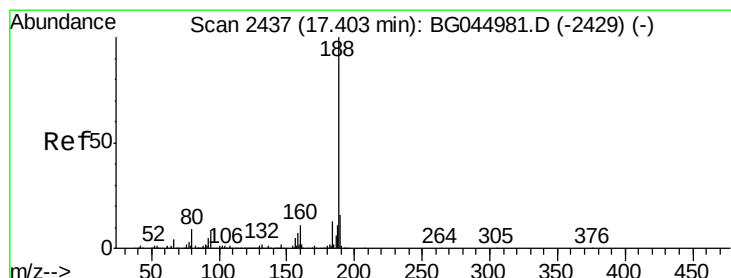
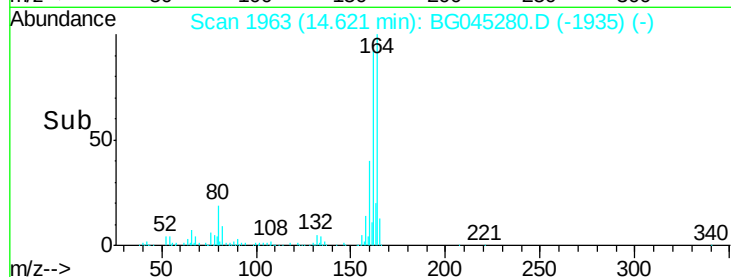
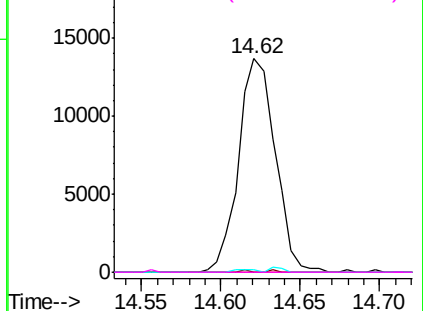


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

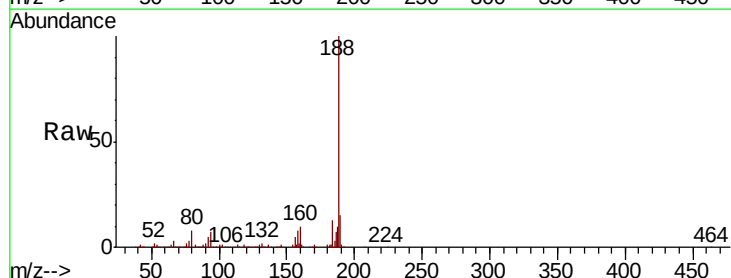
Tgt Ion:188 Resp: 394607

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

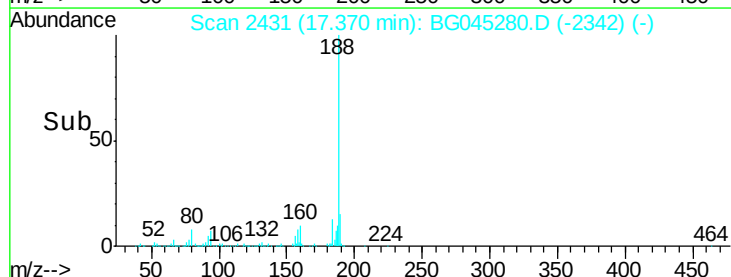
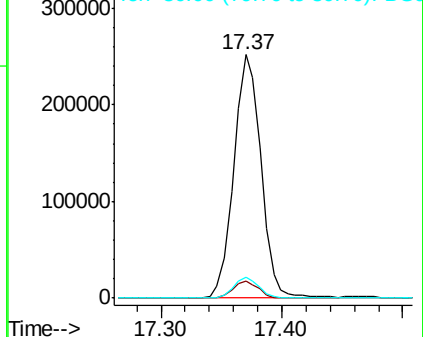
80 8.5 7.0 10.6

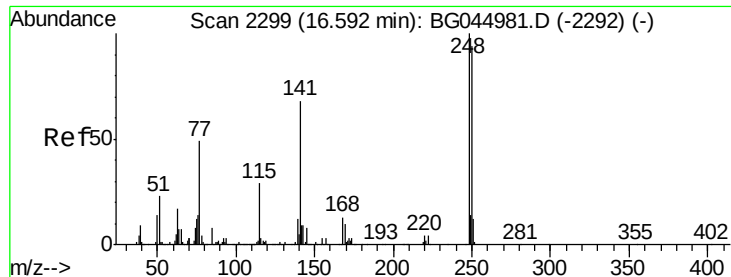


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

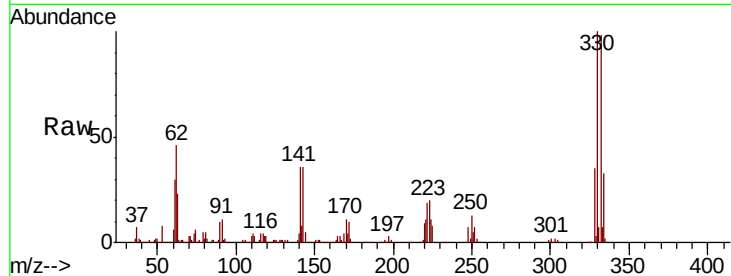




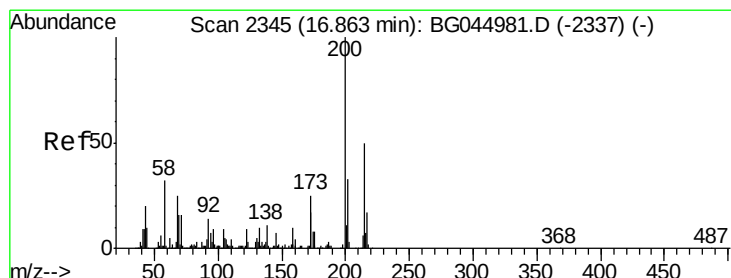
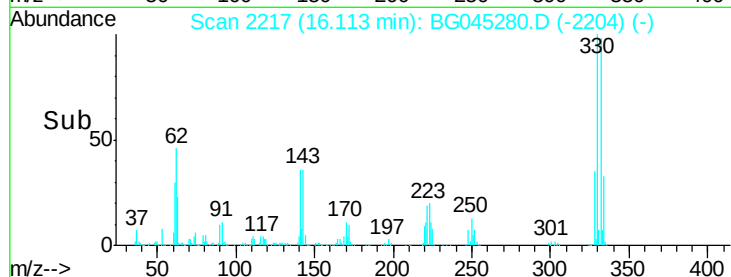
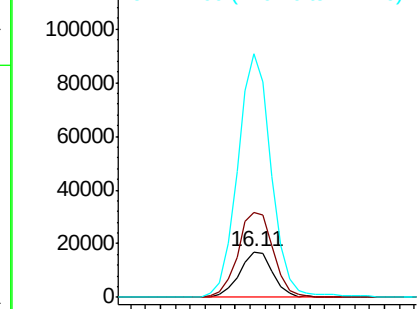
#67
 4-Bromophenyl-phenylether
 Concen: 5.182 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.45 min
 Lab File: BG045280.D
 Acq: 7 May 2020 22:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 26381
 Ion Ratio Lower Upper
 248 100
 250 187.9 75.4 113.2#
 141 535.1 54.4 81.6#

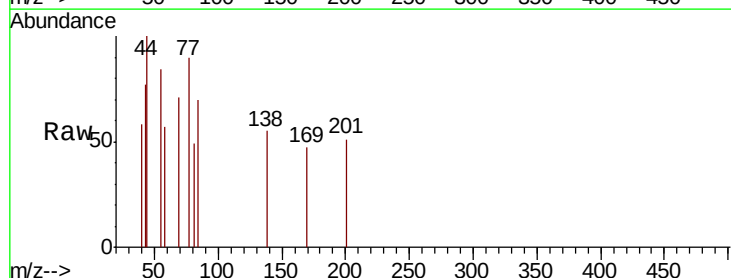


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

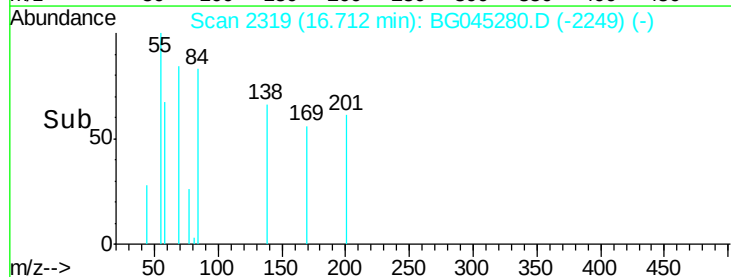
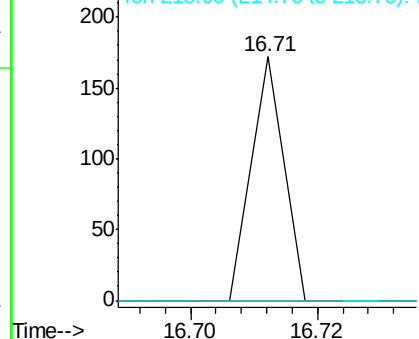


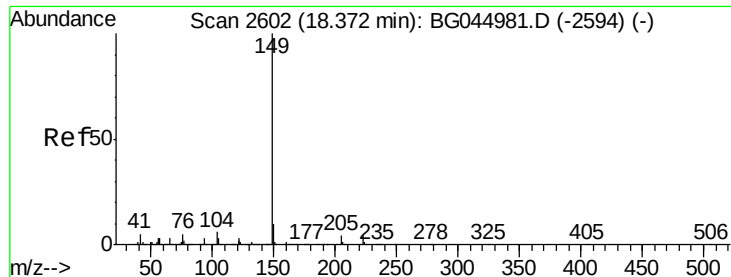
#69
 Atrazine
 Concen: Below Cal
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.12 min
 Lab File: BG045280.D
 Acq: 7 May 2020 22:00

Tgt Ion:200 Resp: 61
 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

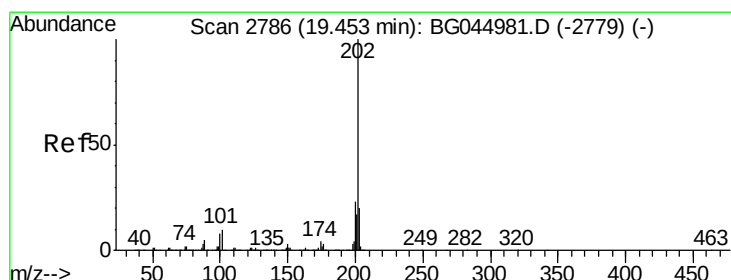
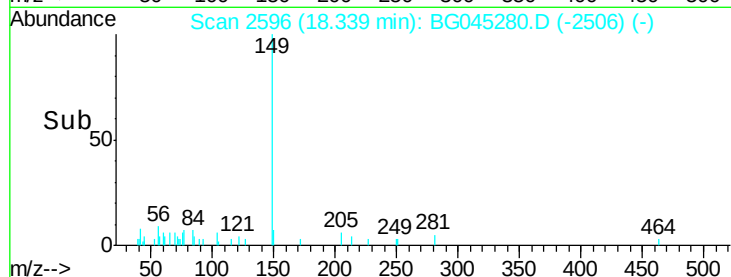
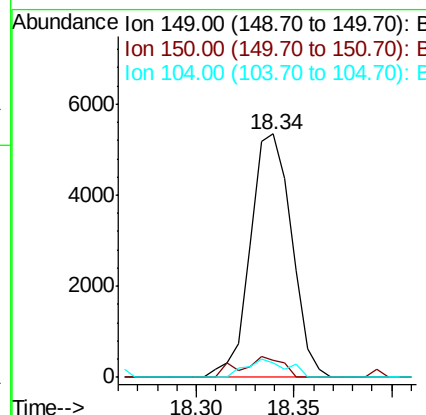
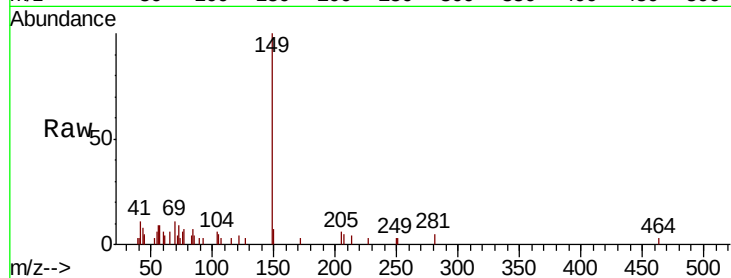




#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2596
Delta R.T. -0.00 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

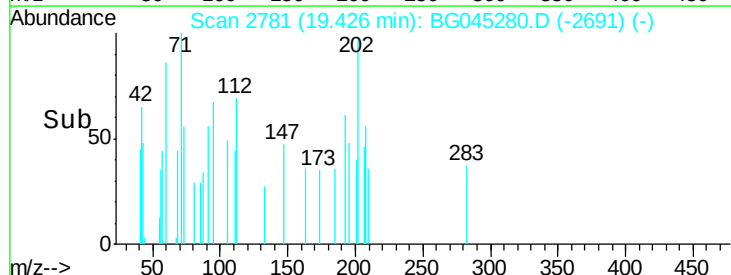
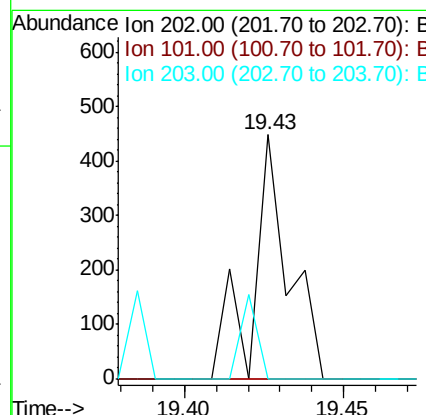
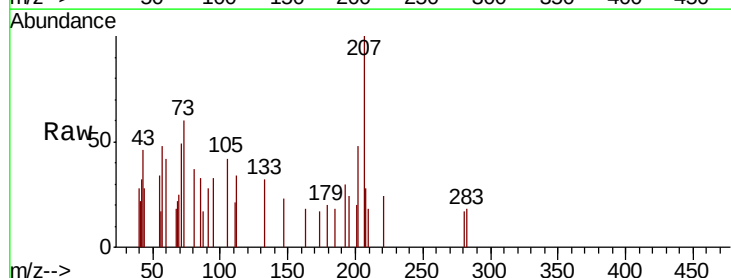
Instrument :
BNA_G
ClientSampleId :

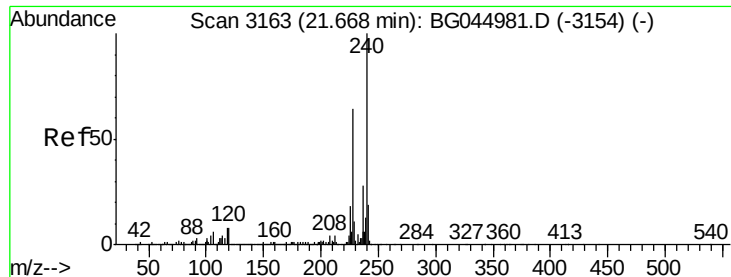
Tot Ion:149 Resp: 7824
Ion Ratio Lower Upper
149 100
150 6.8 8.2 12.2#
104 5.7 4.8 7.2



#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Tgt Ion:202 Resp: 352
Ion Ratio Lower Upper
202 100
101 0.0 0.0 29.6
203 0.0 0.0 39.7

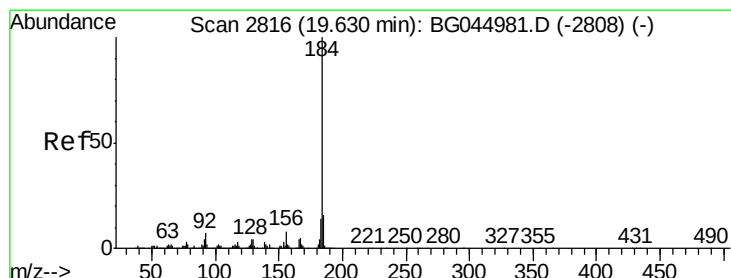
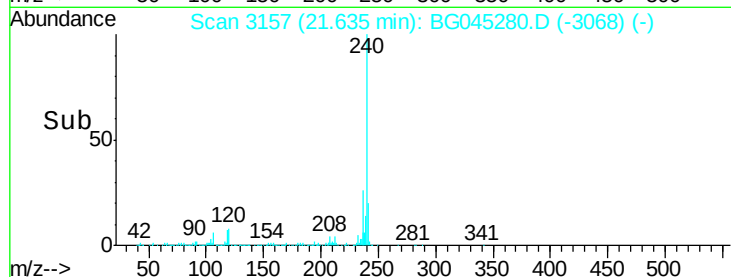
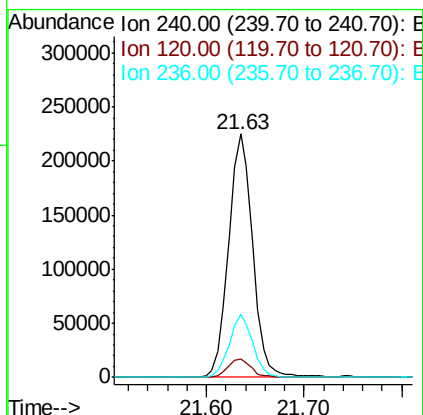
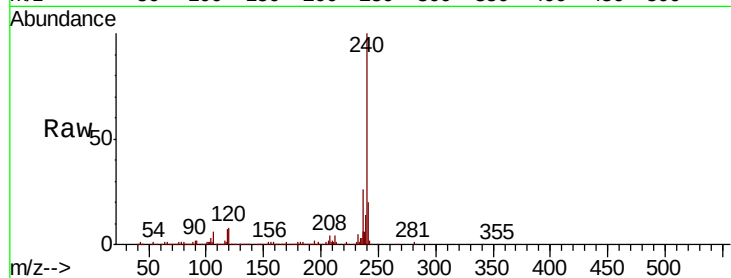




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

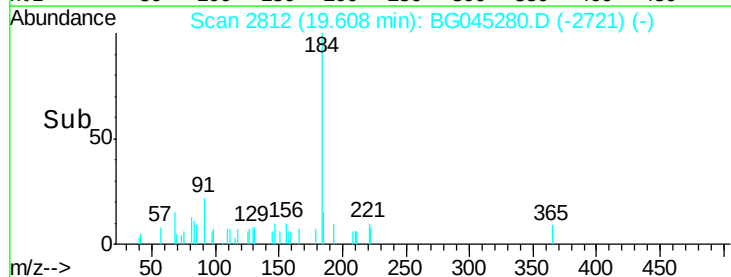
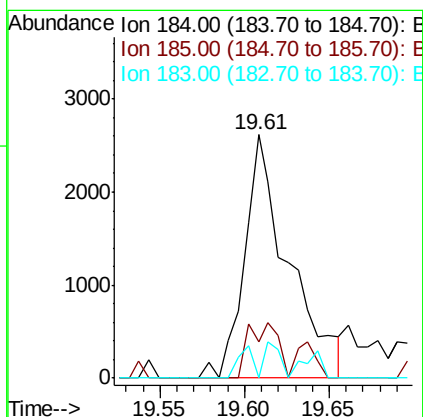
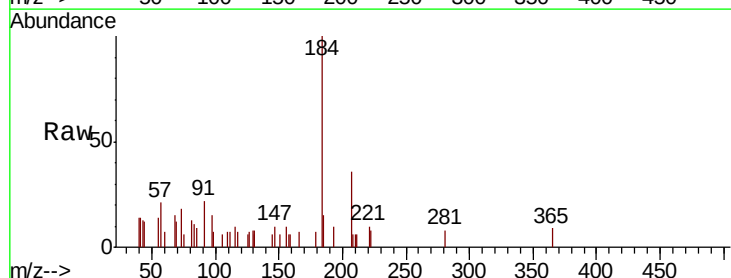
Instrument :
BNA_G
ClientSampleId :

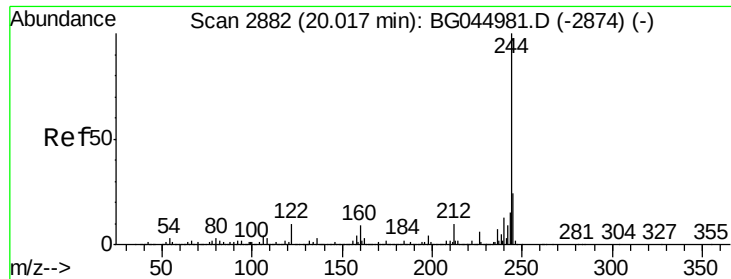
Tot Ion:240 Resp: 385070
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 26.0 22.2 33.2



#77
Benzidine
Concen: Below Cal
RT: 19.61 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BG045280.D
Acq: 7 May 2020 22:00

Tgt Ion:184 Resp: 4751
Ion Ratio Lower Upper
184 100
185 15.1 12.6 19.0
183 0.0 11.3 16.9#





#79

Terphenyl-d14

Concen: 115.871 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

Instrument :

BNA_G

ClientSampleId :

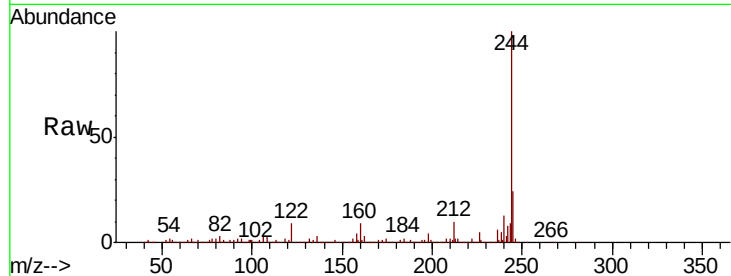
Tot Ion:244 Resp: 2047130

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

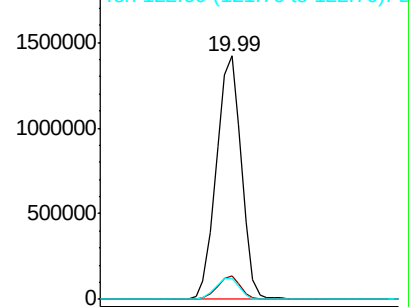
122 8.7 7.7 11.5



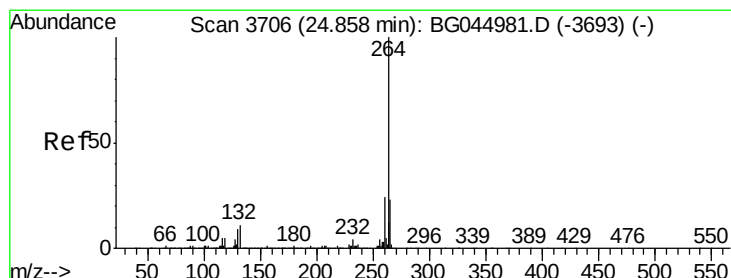
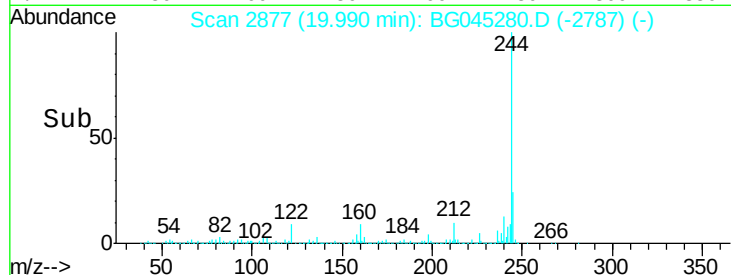
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

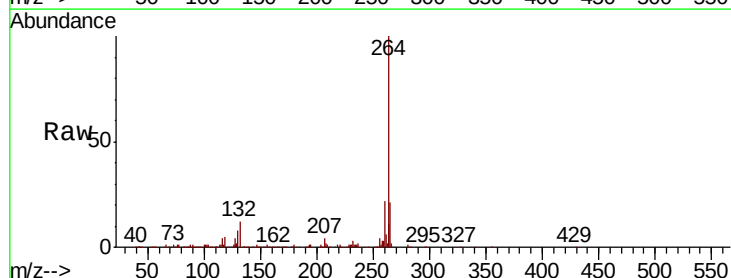
Tgt Ion:264 Resp: 407552

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

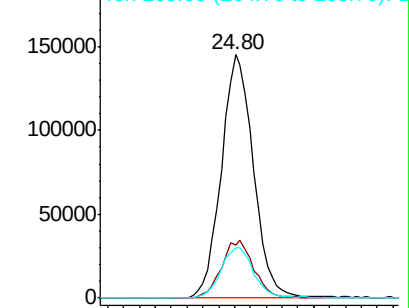
265 20.7 19.0 28.4



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



Time-->

