

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045040.D
 Acq On : 17 Apr 2020 19:46
 Operator : CG/JU
 Sample : L2304-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B1

Quant Time: Apr 17 20:26:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

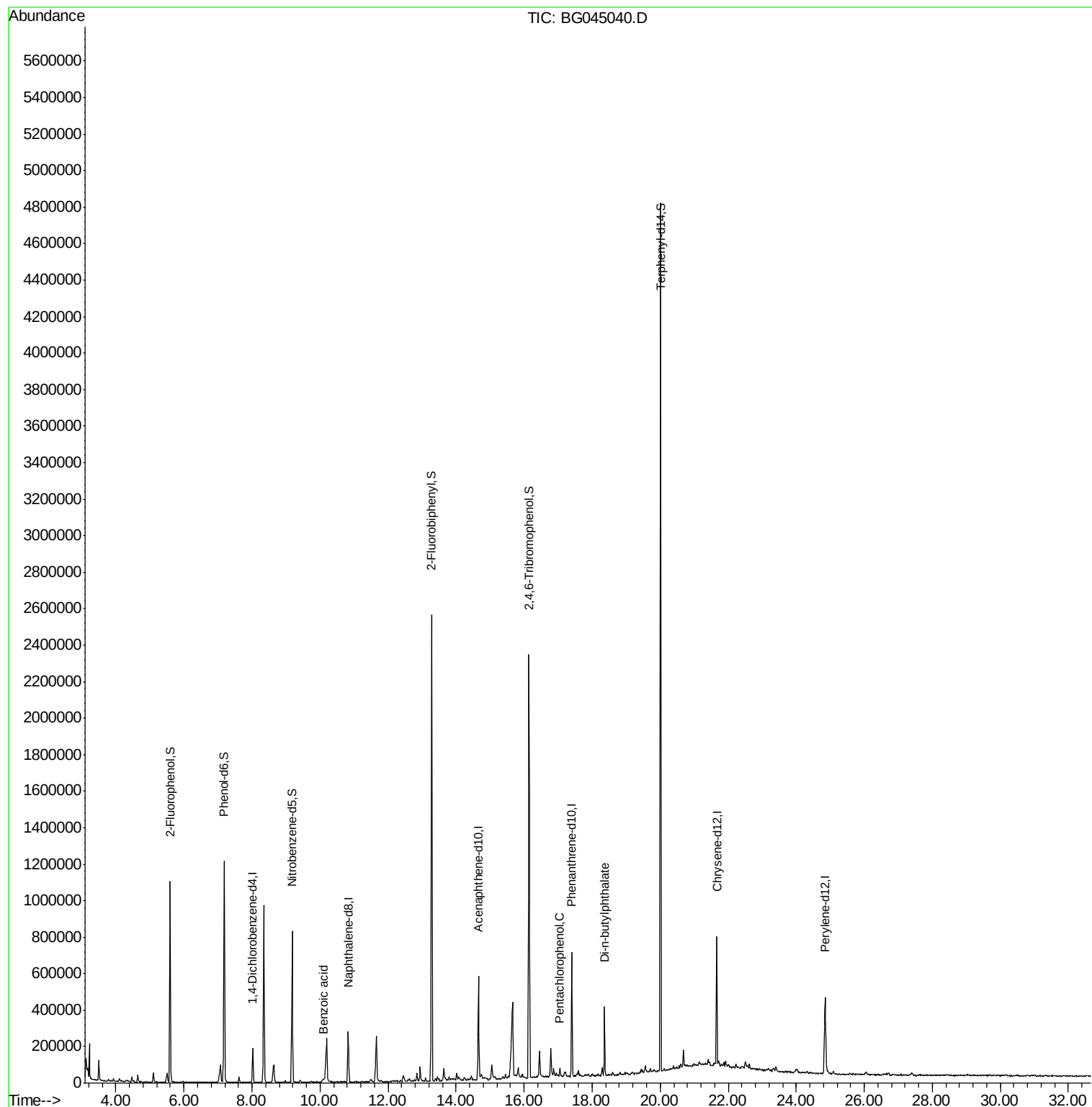
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55761	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	247714	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	199631	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	463688	20.00	ng	0.00
76) Chrysene-d12	21.66	240	439838	20.00	ng	0.00
87) Perylene-d12	24.85	264	468606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	524015	155.15	ng	0.00
7) Phenol-d6	7.18	99	784093	156.25	ng	0.00
23) Nitrobenzene-d5	9.18	82	563518	103.80	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	489913	158.85	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1358950	99.82	ng	0.00
79) Terphenyl-d14	20.01	244	2202498	109.14	ng	0.00
Target Compounds						
32) Benzoic acid	10.10	122	11223	9.541	ng	# 77
70) Pentachlorophenol	17.06	266	9616	2.527	ng	# 81
74) Di-n-butylphthalate	18.37	149	284751	5.450	ng	97

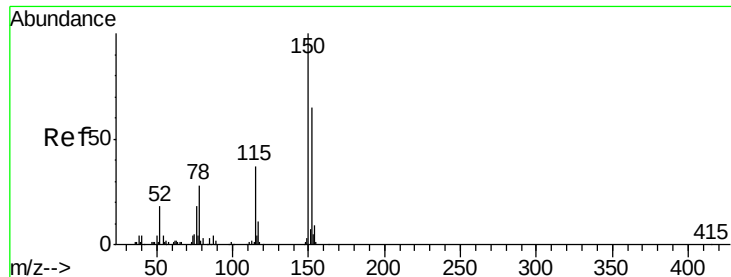
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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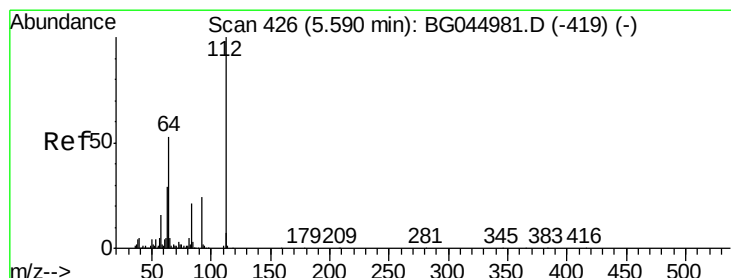
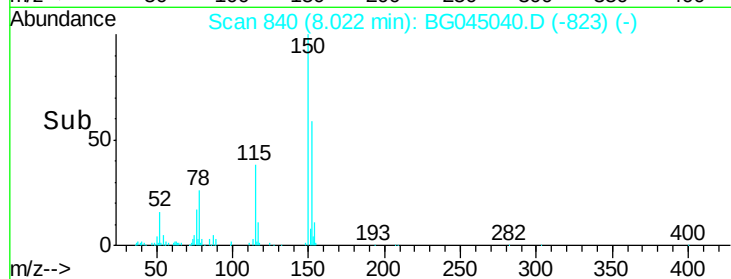
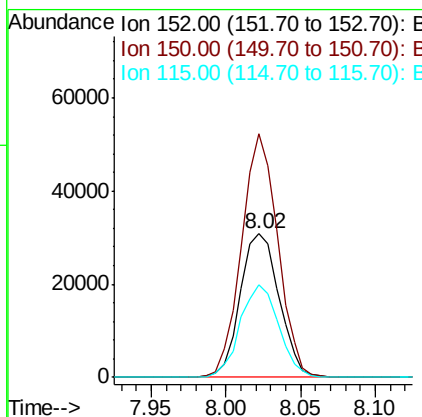
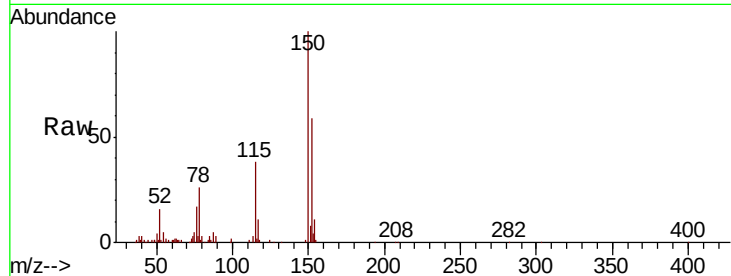




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045040.D
 Acq: 17 Apr 2020 19:46

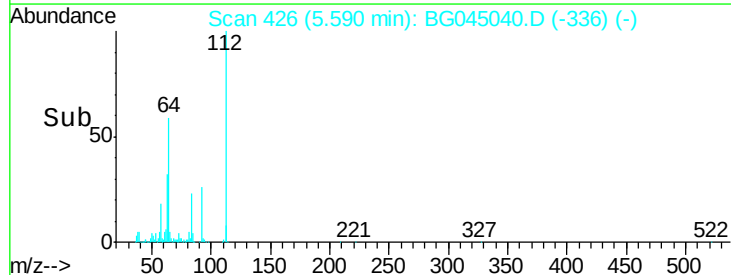
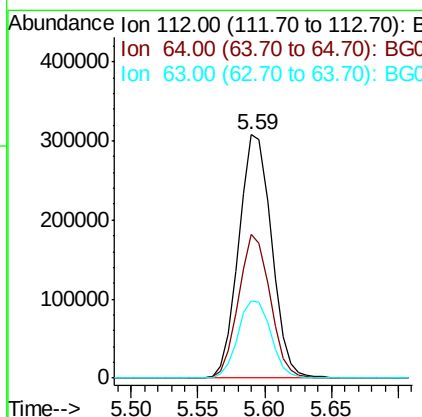
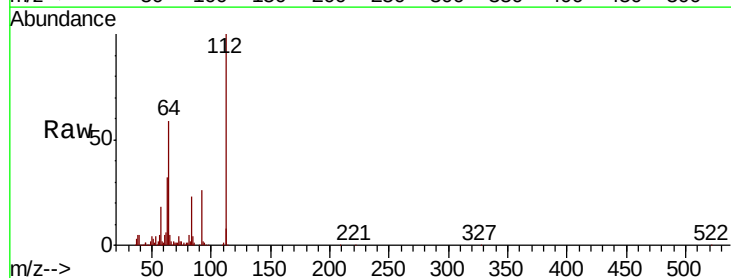
Instrument :
 BNA_G
 ClientSampleId :
 WC-B1

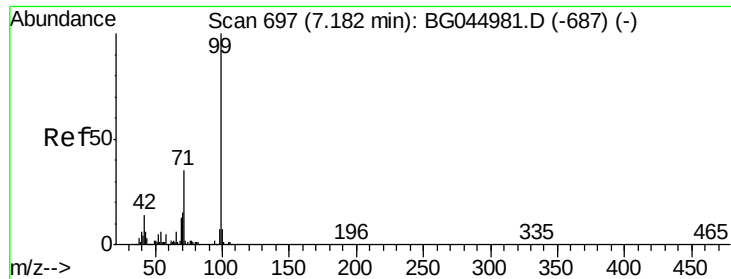
Tot Ion:	152	Resp:	55761
Ion	Ratio	Lower	Upper
152	100		
150	169.7	123.6	185.4
115	64.9	49.1	73.7



#5
 2-Fluorophenol
 Concen: 155.148 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045040.D
 Acq: 17 Apr 2020 19:46

Tgt Ion:	112	Resp:	524015
Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	31.9	23.1	34.7





#7

Phenol-d6

Concen: 156.251 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

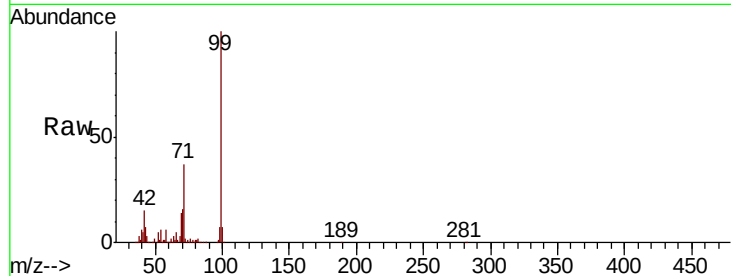
Tot Ion: 99 Resp: 784093

Ion Ratio Lower Upper

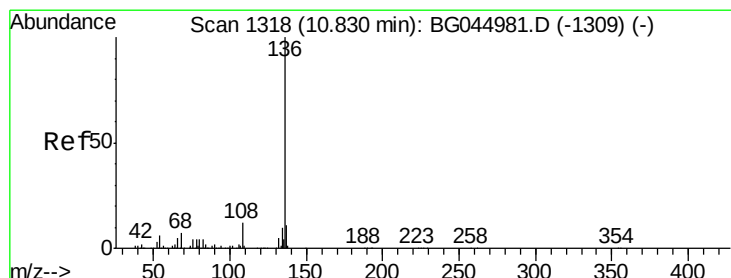
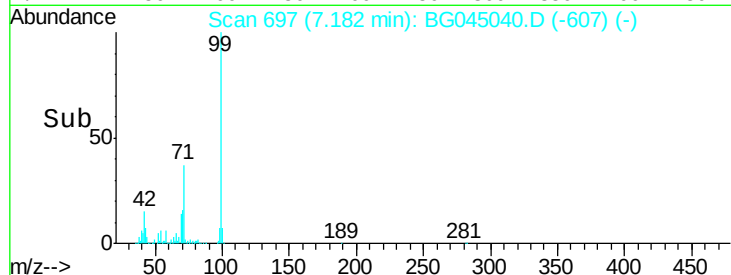
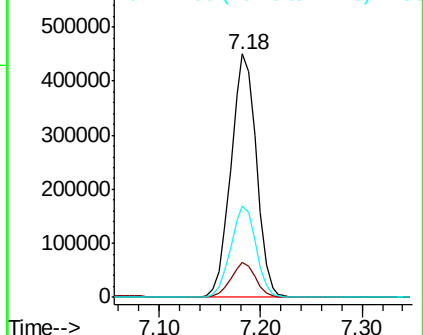
99 100

42 14.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Tgt Ion: 136 Resp: 247714

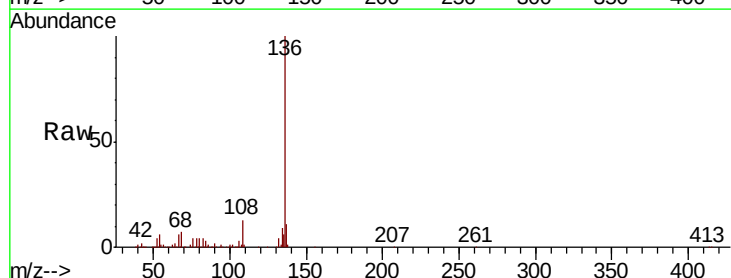
Ion Ratio Lower Upper

136 100

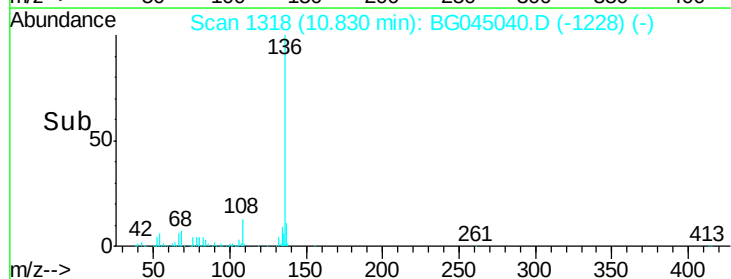
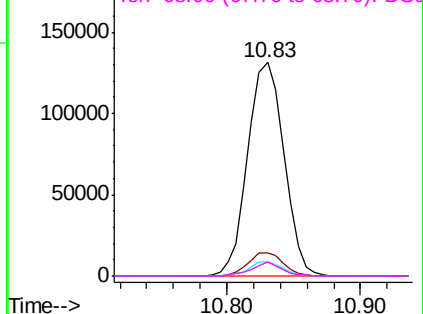
137 10.5 8.6 13.0

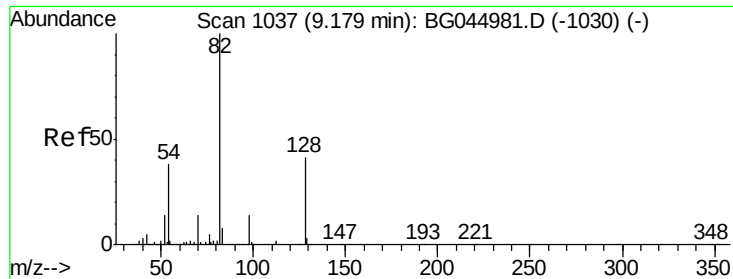
54 6.3 4.8 7.2

68 6.9 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

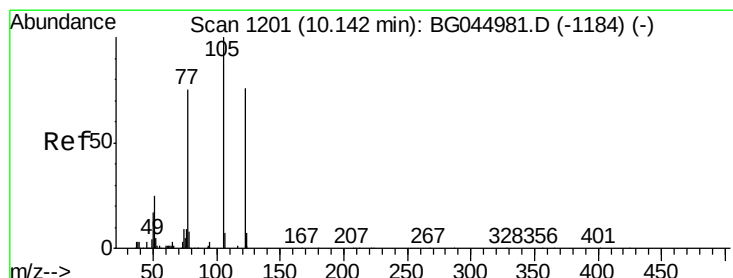
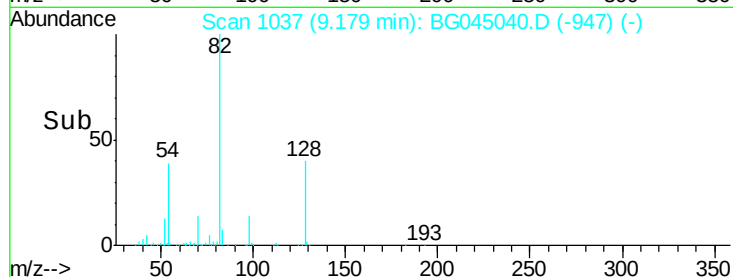
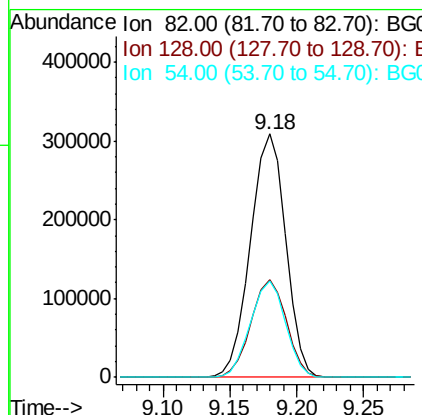
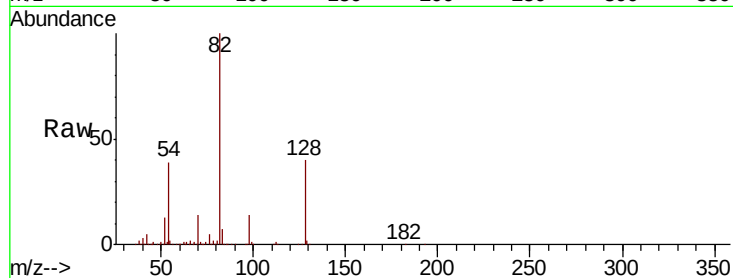




#23
 Nitrobenzene-d5
 Concen: 103.800 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045040.D
 Acq: 17 Apr 2020 19:46

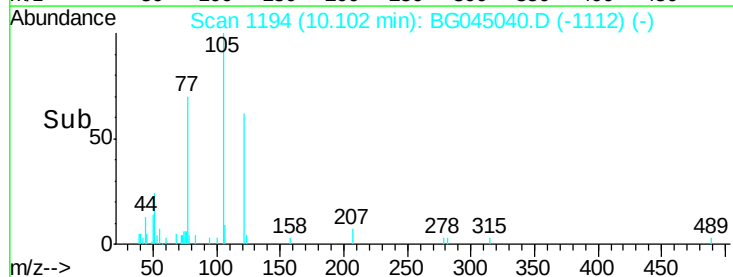
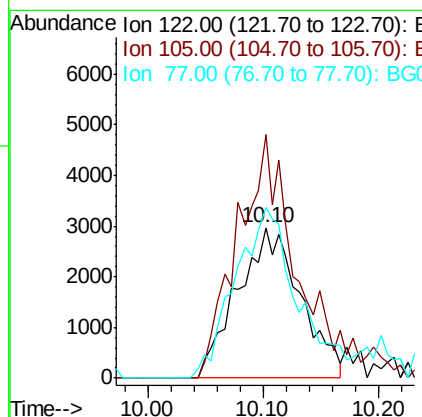
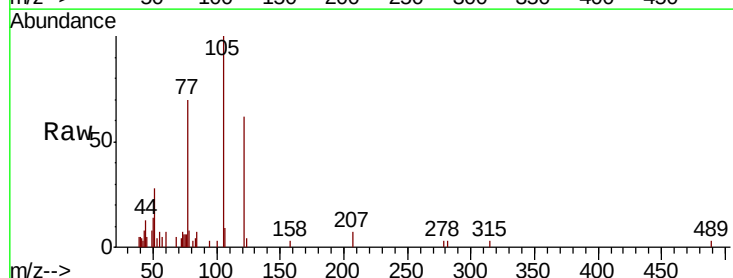
Instrument :
 BNA_G
 ClientSampleId :
 WC-B1

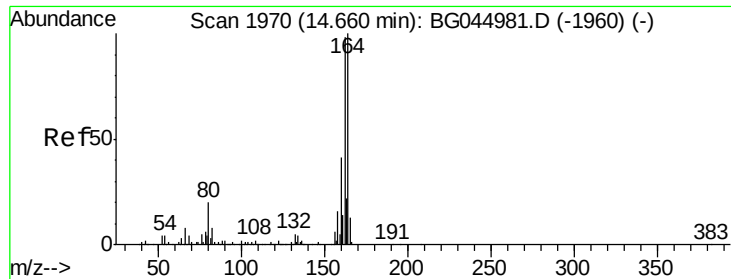
Tot Ion	82	Resp	563518
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.0	49.4
54	39.4	30.4	45.6



#32
 Benzoic acid
 Concen: 9.541 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: BG045040.D
 Acq: 17 Apr 2020 19:46

Tgt Ion	122	Resp	11223
Ion Ratio	Lower	Upper	
122	100		
105	162.1	108.4	148.4#
77	113.9	78.8	118.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

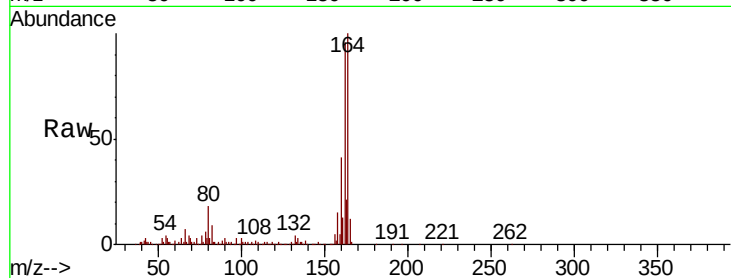
Tot Ion:164 Resp: 199631

Ion Ratio Lower Upper

164 100

162 95.6 78.7 118.1

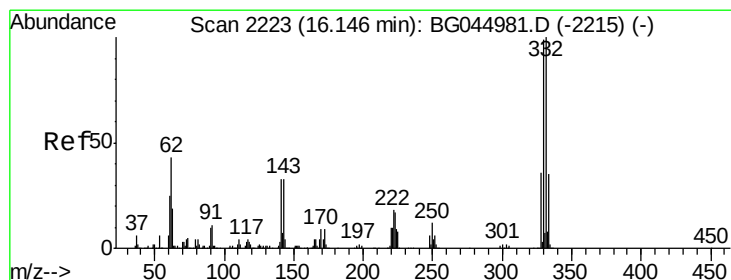
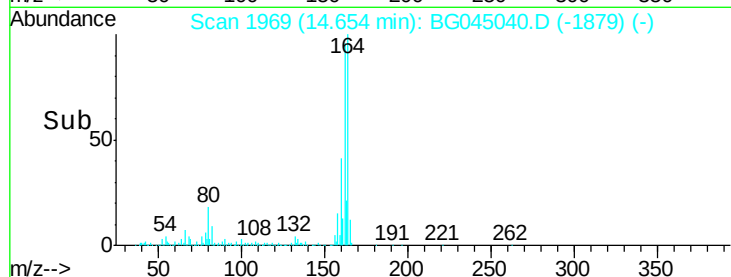
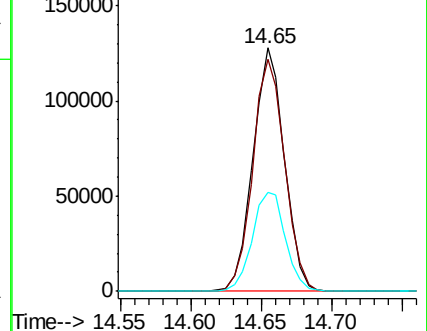
160 40.6 32.8 49.2



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: 158.854 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

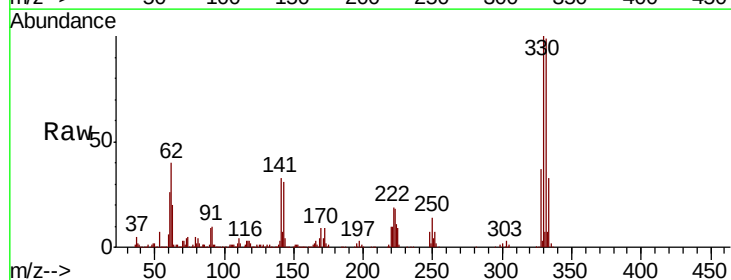
Tgt Ion:330 Resp: 489913

Ion Ratio Lower Upper

330 100

332 98.4 79.1 118.7

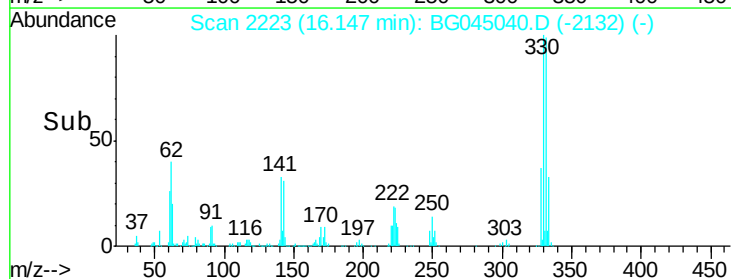
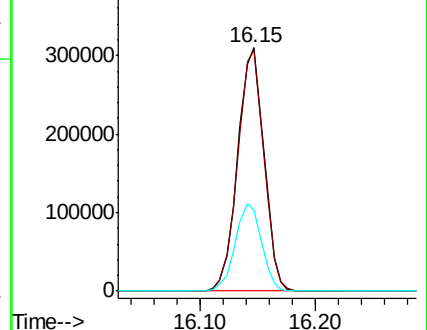
141 35.8 27.1 40.7

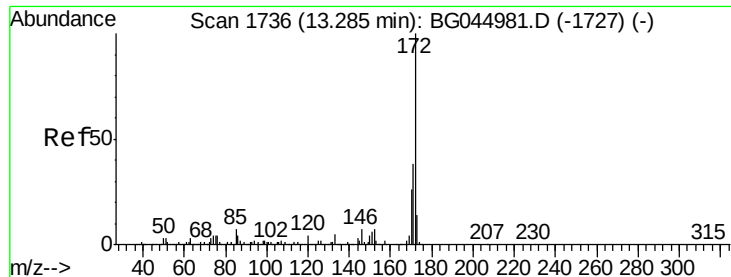


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

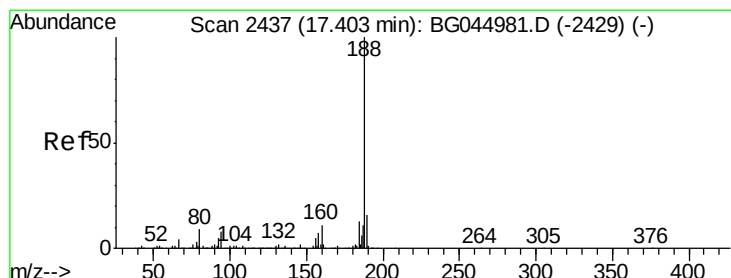
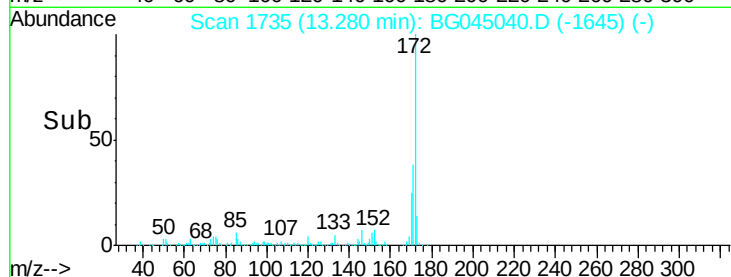
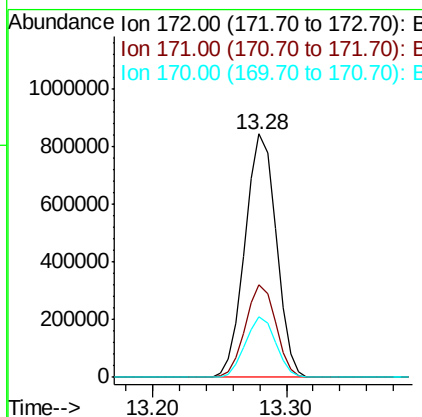
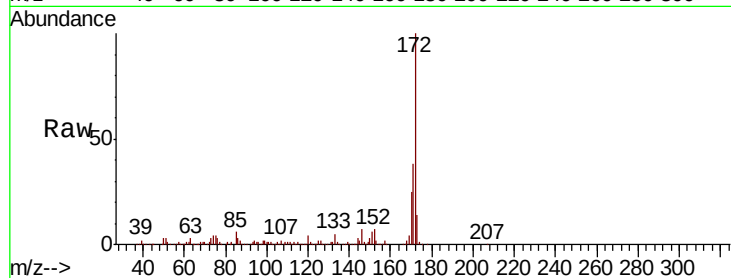




#45
2-Fluorobiphenyl
Concen: 99.817 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

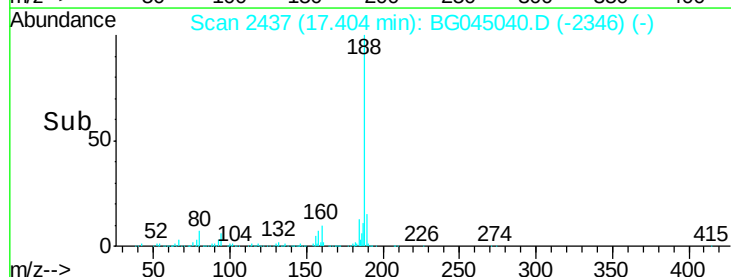
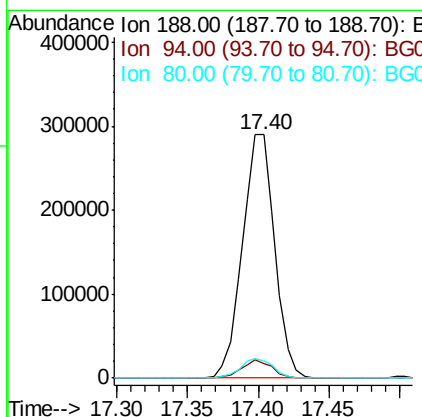
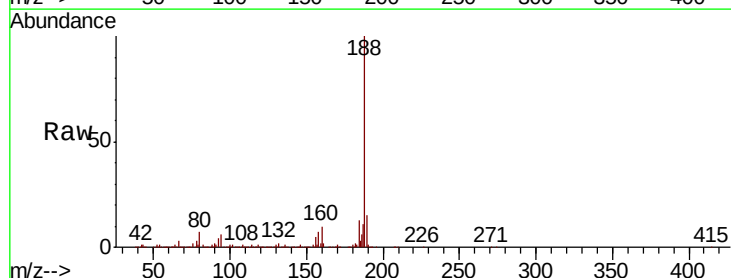
Instrument :
BNA_G
ClientSampled :
WC-B1

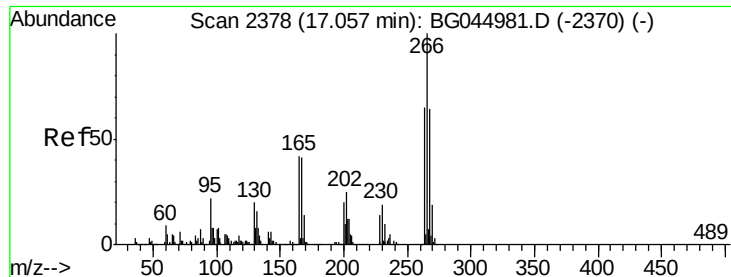
Tot Ion:172 Resp: 1358950
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 24.6 20.5 30.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Tgt Ion:188 Resp: 463688
Ion Ratio Lower Upper
188 100
94 6.2 6.2 9.4#
80 7.2 7.0 10.6





#70

Pentachlorophenol

Concen: 2.527 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

Instrument :

BNA_G

ClientSampleId :

WC-B1

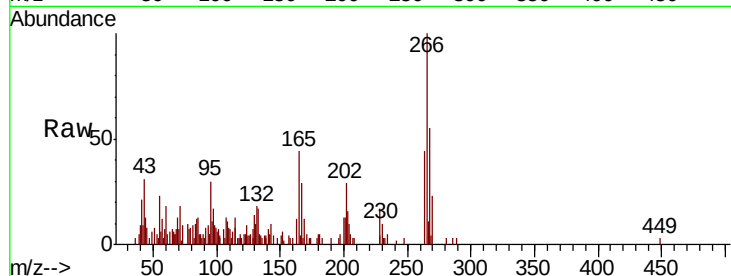
Tot Ion:266 Resp: 9616

Ion Ratio Lower Upper

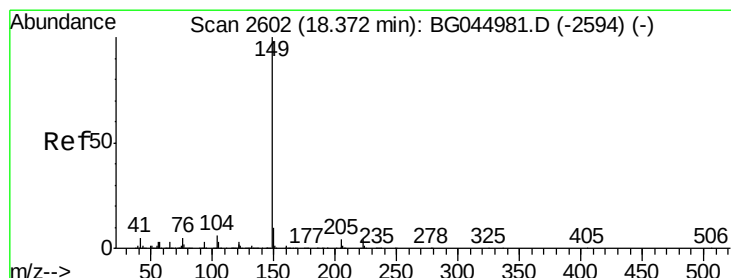
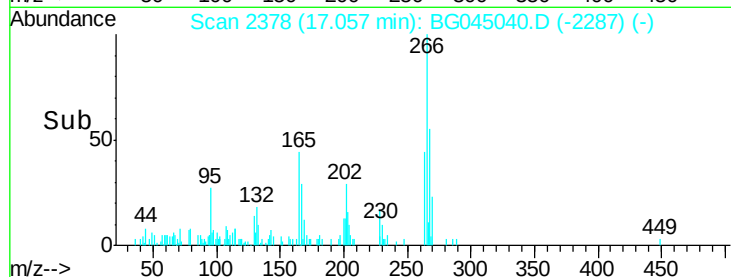
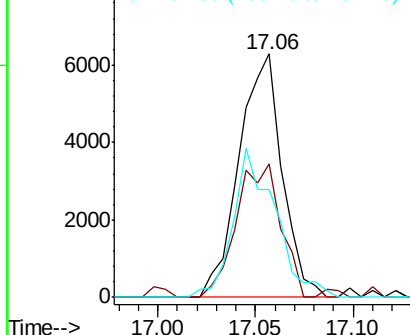
266 100

268 55.0 51.5 77.3

264 44.2 52.2 78.4#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#74

Di-n-butylphthalate

Concen: 5.450 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045040.D

Acq: 17 Apr 2020 19:46

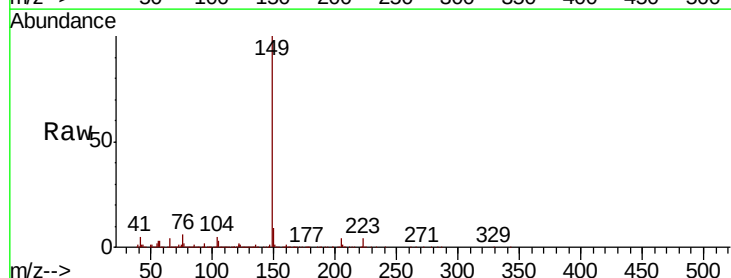
Tgt Ion:149 Resp: 284751

Ion Ratio Lower Upper

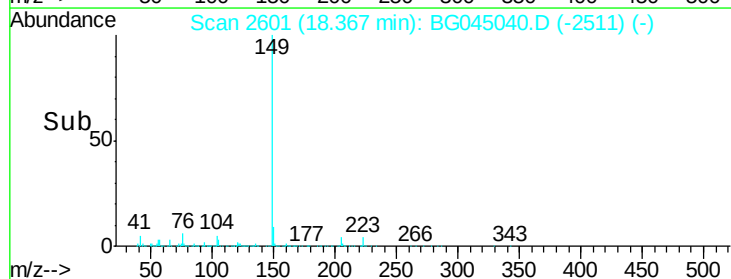
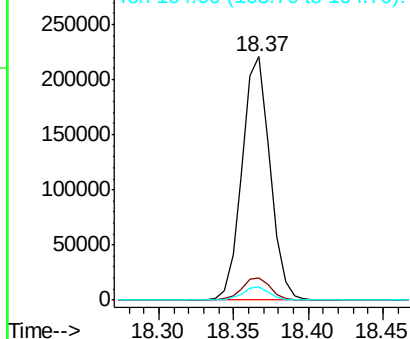
149 100

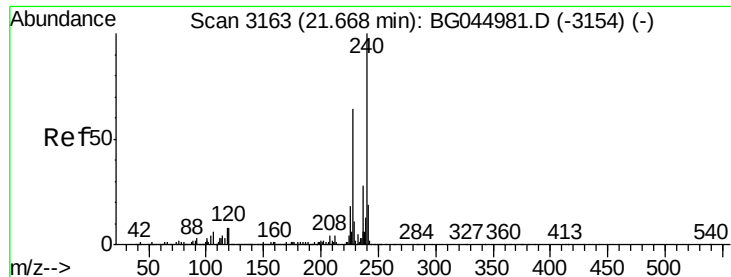
150 9.0 8.2 12.2

104 5.2 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

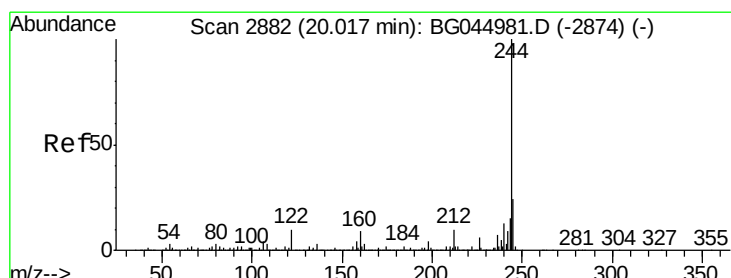
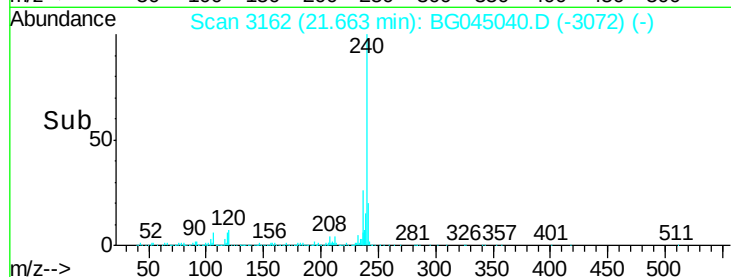
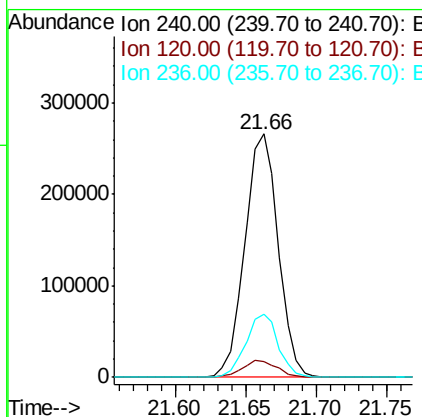
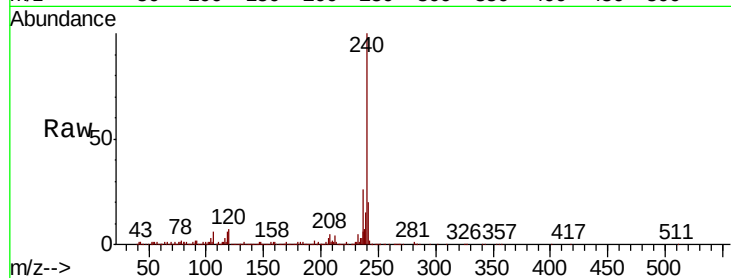




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

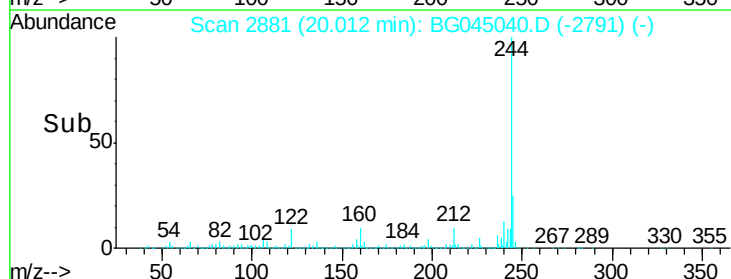
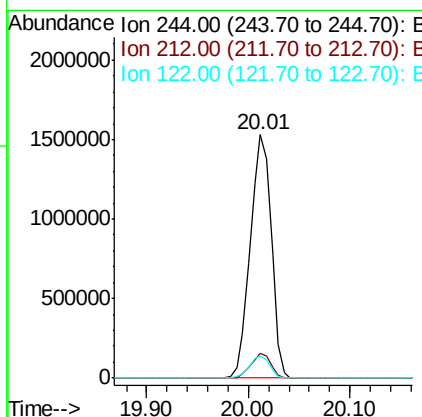
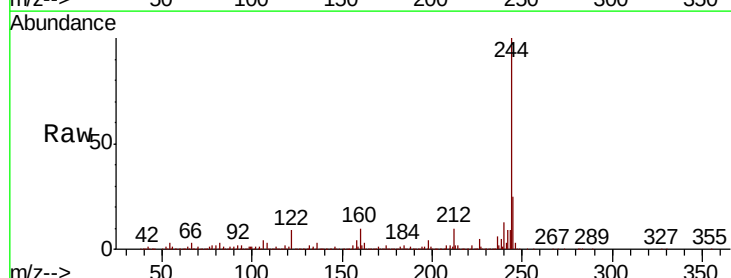
Instrument :
BNA_G
ClientSampleId :
WC-B1

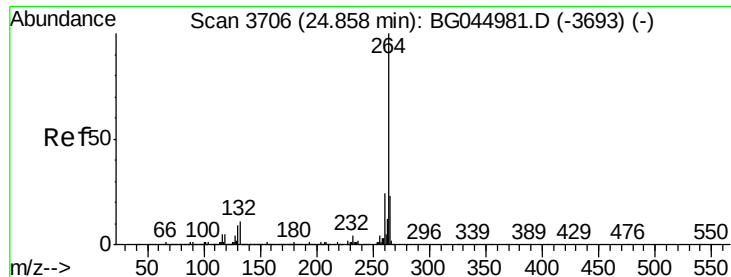
Tot Ion:240 Resp: 439838
Ion Ratio Lower Upper
240 100
120 6.7 6.6 10.0
236 25.8 22.2 33.2



#79
Terphenyl-d14
Concen: 109.142 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Tgt Ion:244 Resp: 2202498
Ion Ratio Lower Upper
244 100
212 10.0 7.9 11.9
122 9.1 7.7 11.5





#87
Pervlone-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045040.D
Acq: 17 Apr 2020 19:46

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.2	19.0	28.4

