

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045131.D
 Acq On : 22 Apr 2020 18:08
 Operator : CG/JU
 Sample : L2353-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 23 02:18:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	95270	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	393508	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	272612	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	534281	20.00	ng	0.00
76) Chrysene-d12	21.66	240	495181	20.00	ng	0.00
87) Perylene-d12	24.84	264	551339	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	673532	116.72	ng	0.00
7) Phenol-d6	7.18	99	1060911	123.74	ng	0.00
23) Nitrobenzene-d5	9.17	82	760329	88.16	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	506948	120.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1724152	92.74	ng	0.00
79) Terphenyl-d14	20.01	244	2180726	95.99	ng	0.00

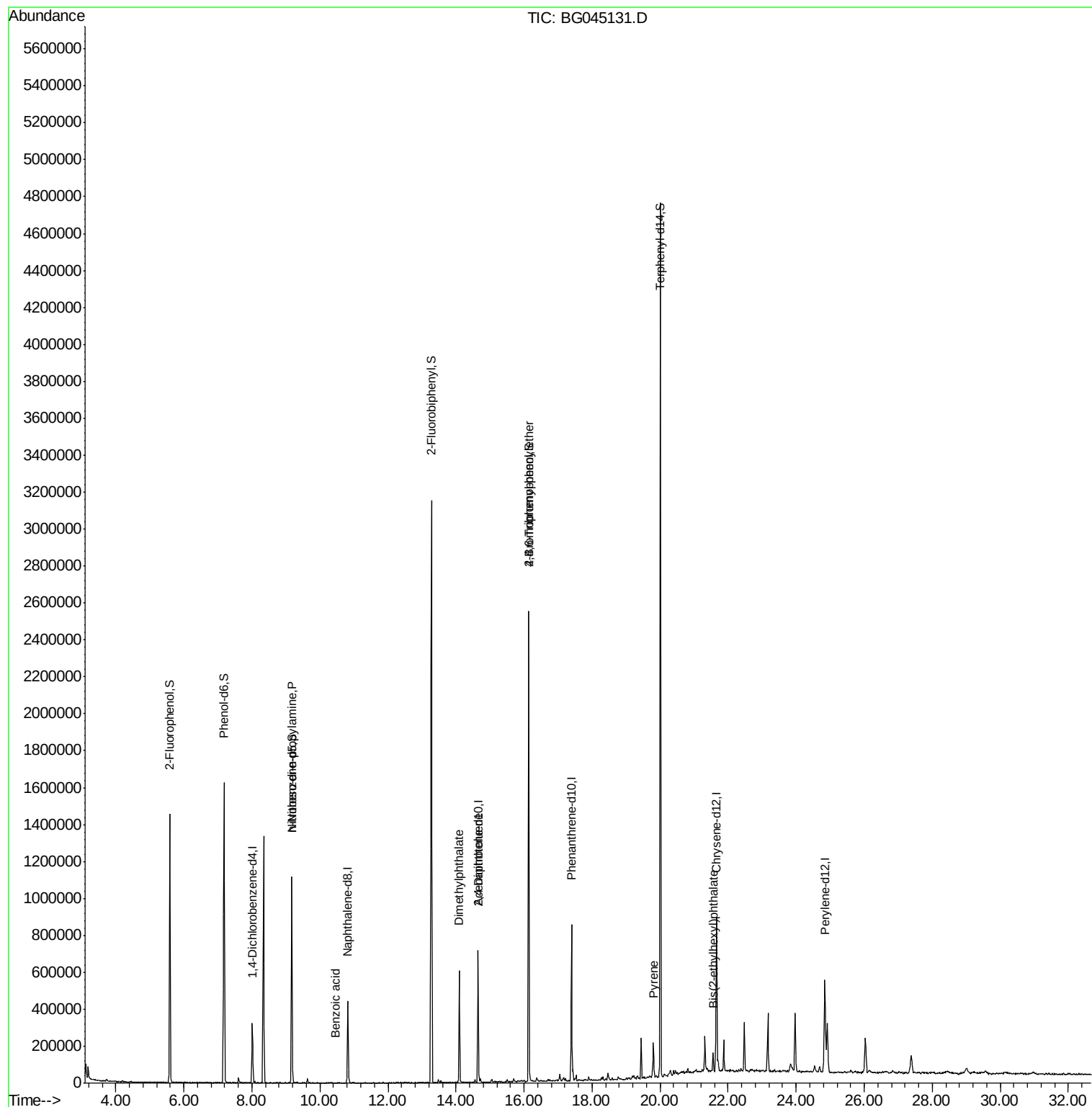
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.19	77	2493	Below Cal		# 4
19) n-Nitroso-di-n-propylamine	9.17	70	103624	17.090	ng	# 79
32) Benzoic acid	10.46	122	84	6.389	ng	# 40
50) Dimethylphthalate	14.10	163	409334	18.441	ng	100
57) 2,4-Dinitrotoluene	14.65	165	36288	5.001	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	36549	5.303	ng	# 1
69) Atrazine	16.85	200	61	Below Cal		# 35
74) Di-n-butylphthalate	18.36	149	1201	Below Cal		# 76
75) Fluoranthene	19.44	202	138842	Below Cal		98
77) Benzydine	20.01	184	44348	Below Cal		# 93
78) Pyrene	19.80	202	119519	3.501	ng	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	45553	2.341	ng	# 97

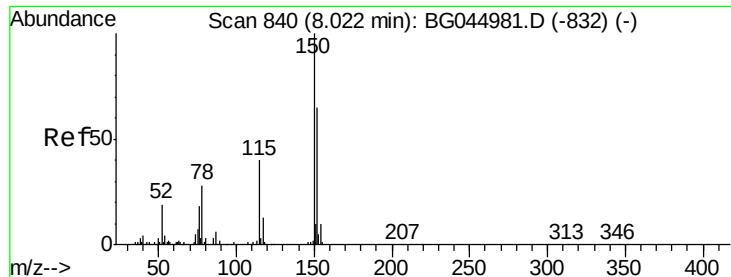
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampled :

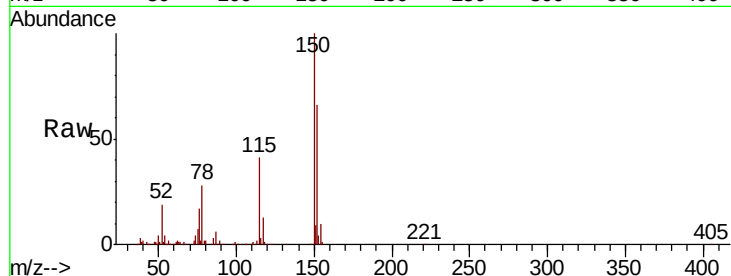
Tot Ion:152 Resp: 95270

Ion Ratio Lower Upper

152 100

150 150.9 123.6 185.4

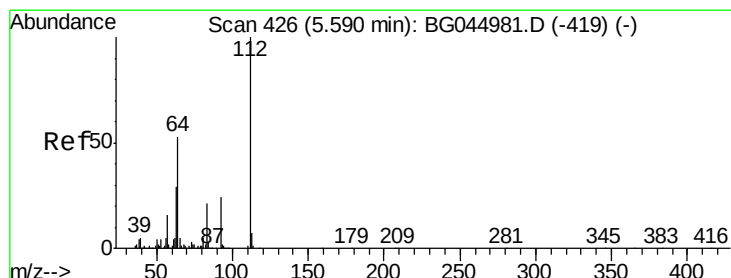
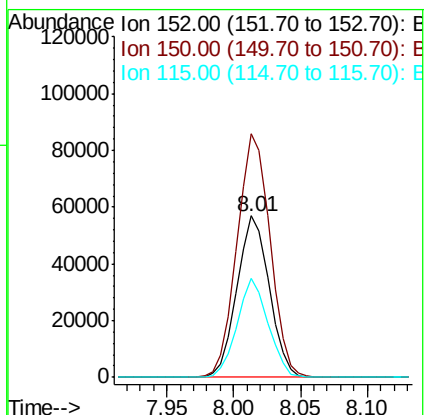
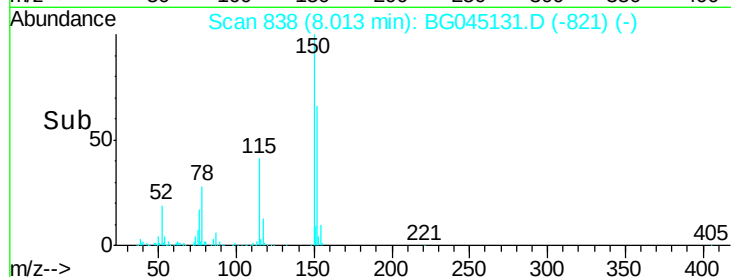
115 61.3 49.1 73.7



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: 116.717 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

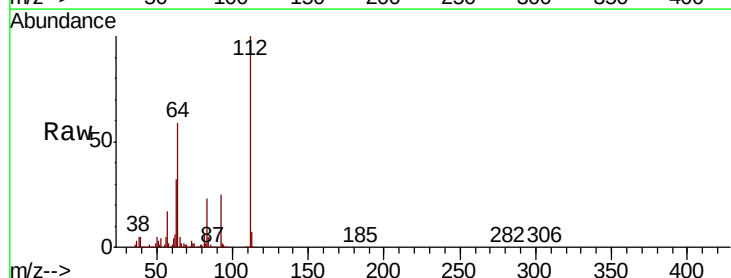
Tgt Ion:112 Resp: 673532

Ion Ratio Lower Upper

112 100

64 59.0 42.4 63.6

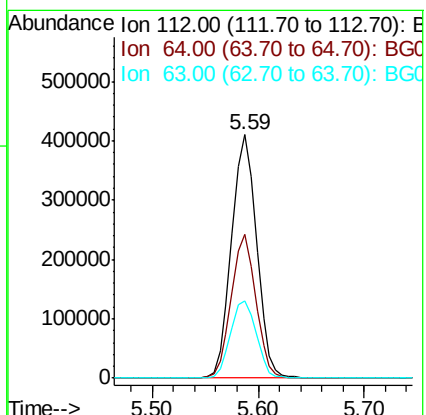
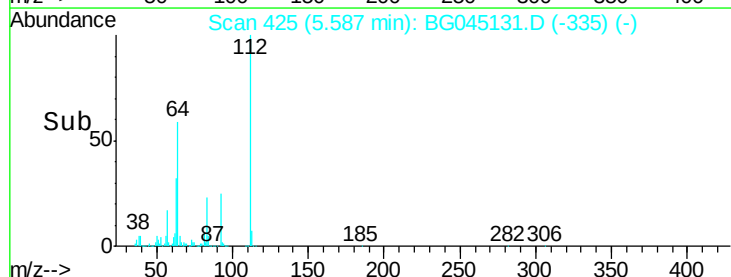
63 32.0 23.1 34.7

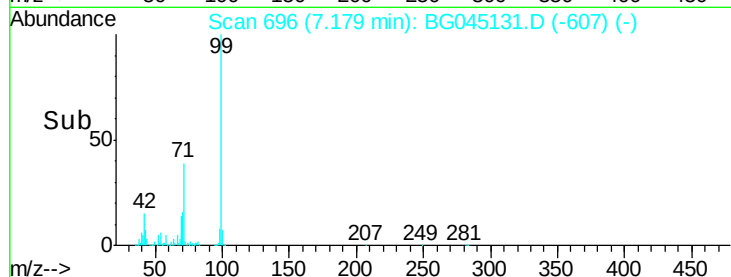
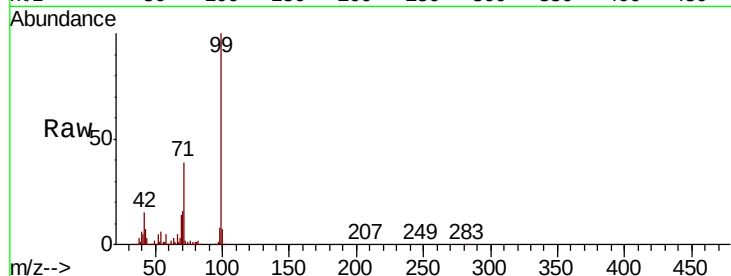
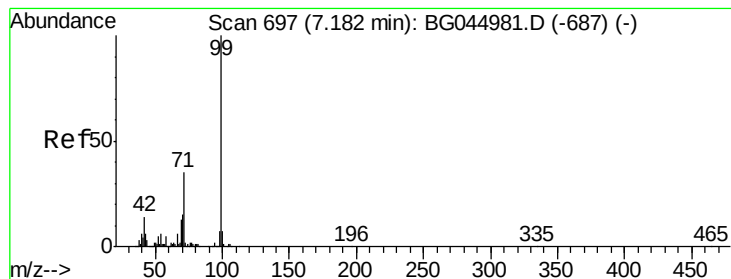


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.740 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

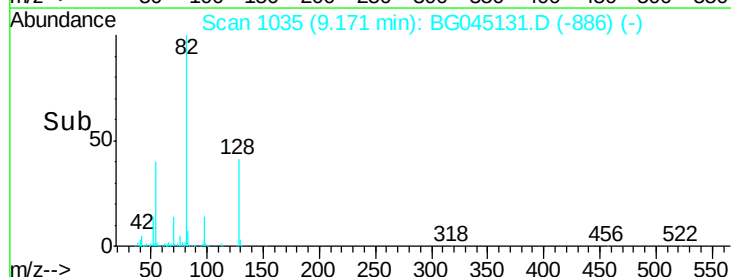
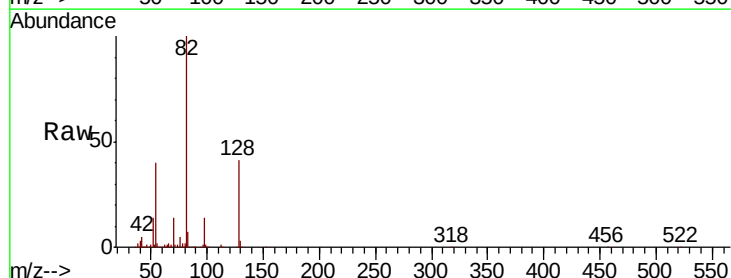
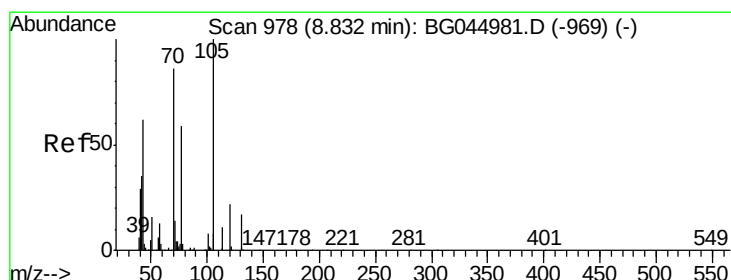
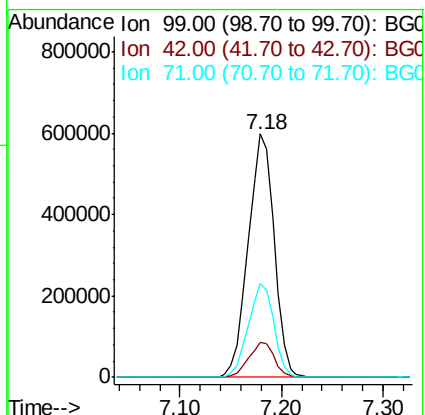
Tot Ion: 99 Resp: 1060911

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

71 38.8 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.090 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Tgt Ion: 70 Resp: 103624

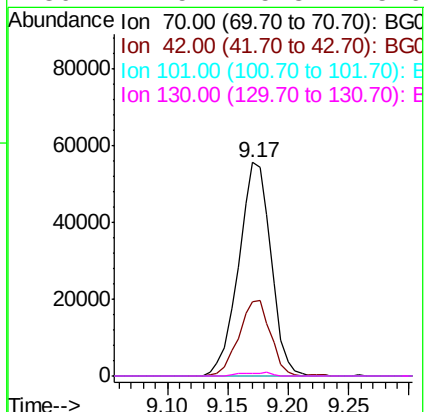
Ion Ratio Lower Upper

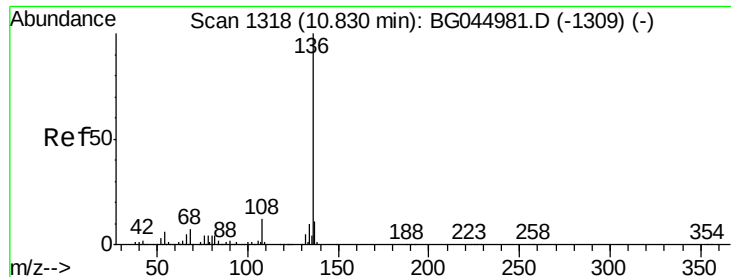
70 100

42 34.6 33.3 49.9

101 0.3 7.8 11.8#

130 1.5 15.8 23.6#

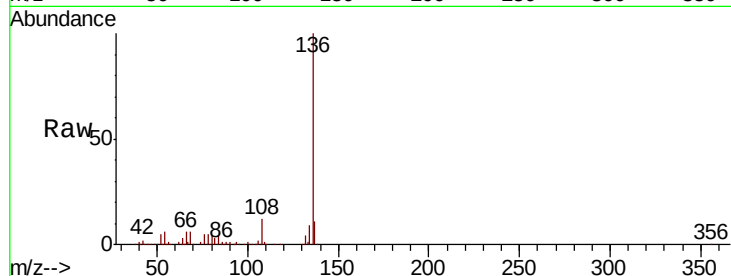




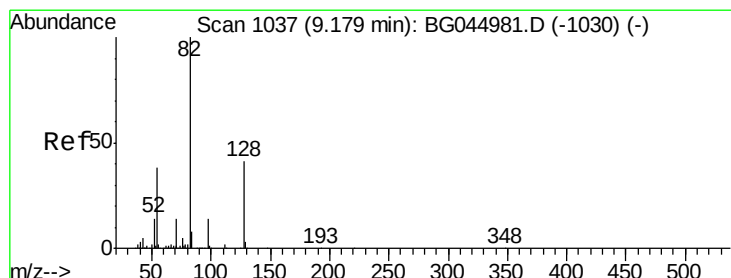
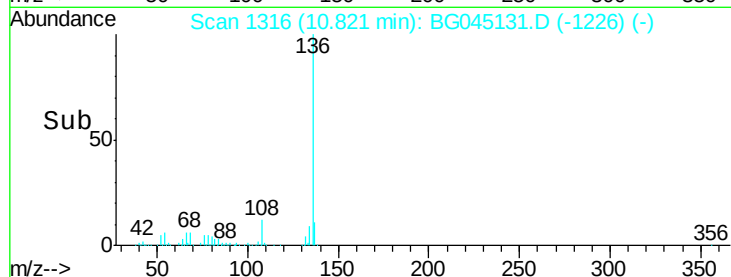
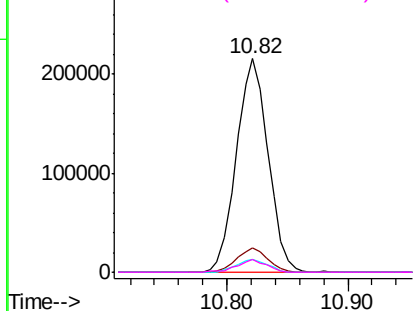
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	393508
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.6 13.0
54	6.1	4.8 7.2
68	5.9	5.2 7.8

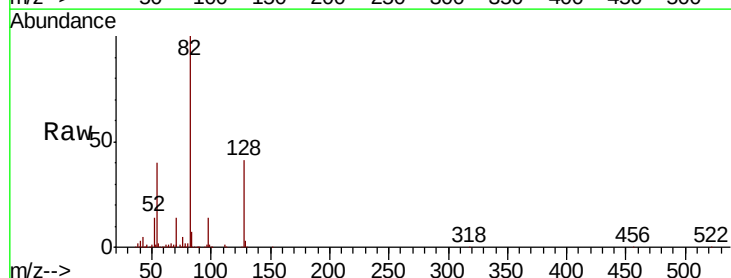


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

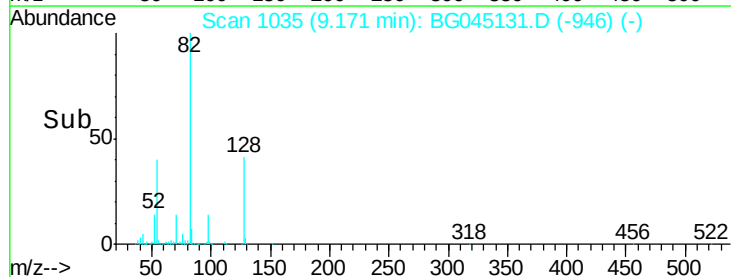
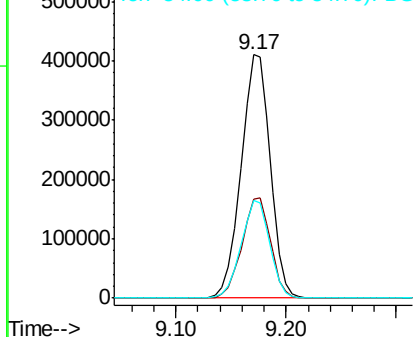


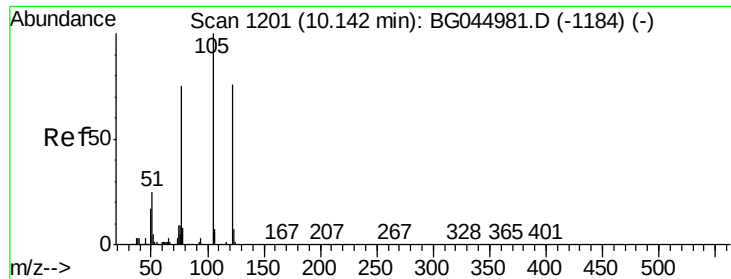
#23
Nitrobenzene-d5
Concen: 88.163 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Tgt Ion: 82	Resp:	760329
Ion	Ratio	Lower Upper
82	100	
128	40.6	33.0 49.4
54	40.3	30.4 45.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

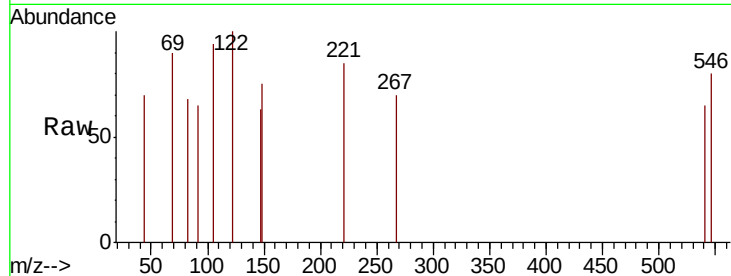




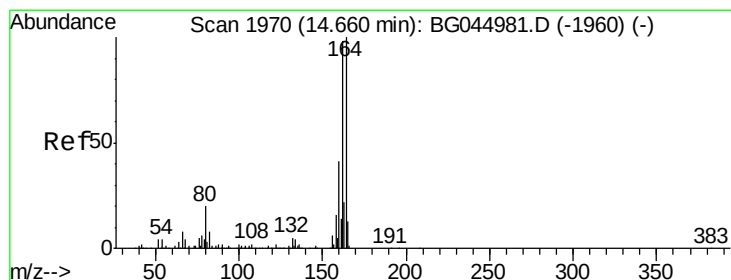
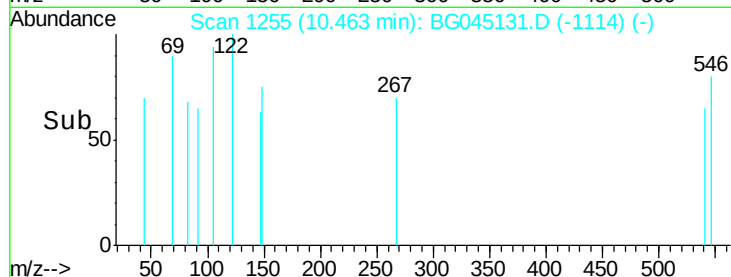
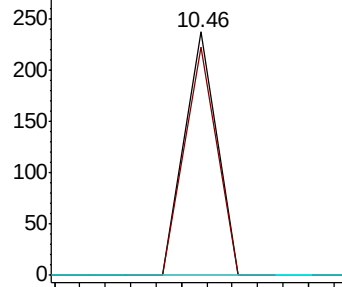
#32
Benzoic acid
Concen: 6.389 ng
RT: 10.46 min Scan# 1255
Delta R.T. 0.30 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 84
Ion Ratio Lower Upper
122 100
105 93.7 108.4 148.4#
77 0.0 78.8 118.8#

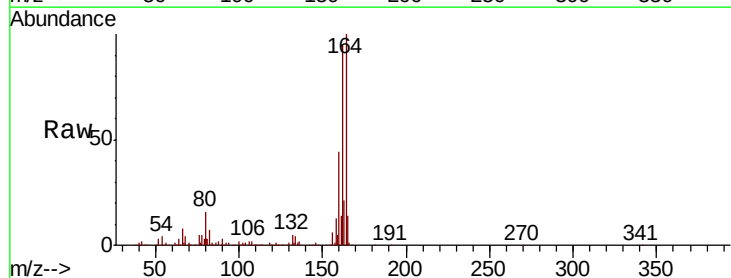


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

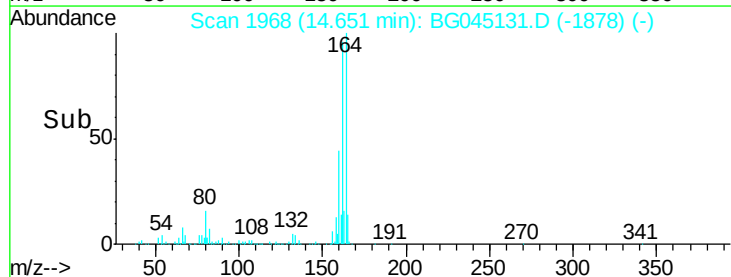
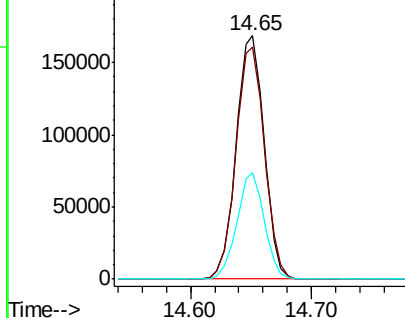


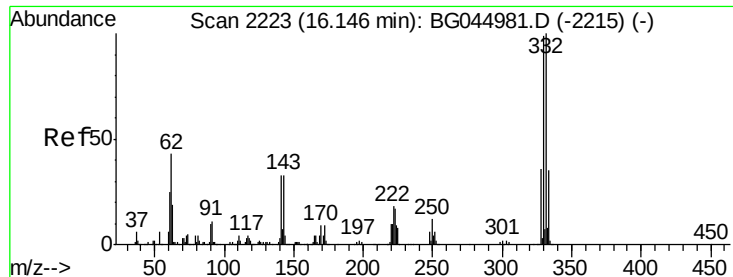
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Tgt Ion:164 Resp: 272612
Ion Ratio Lower Upper
164 100
162 95.3 78.7 118.1
160 43.6 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

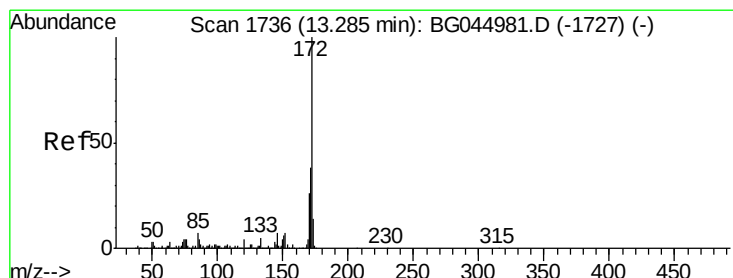
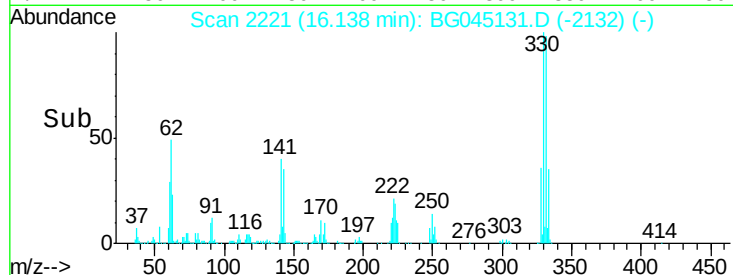
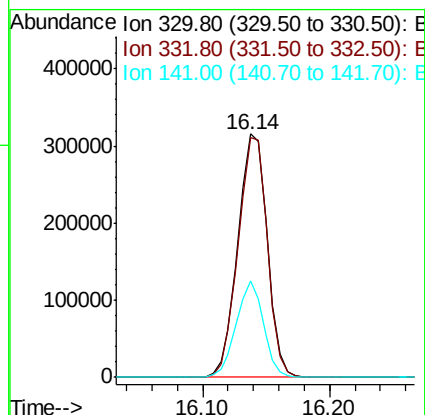
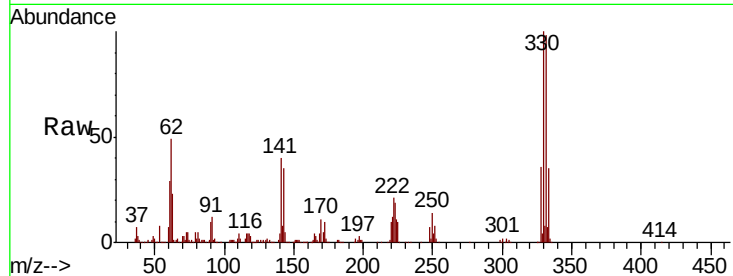




#42
 2,4,6-Tribromophenol
 Concen: 120.372 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

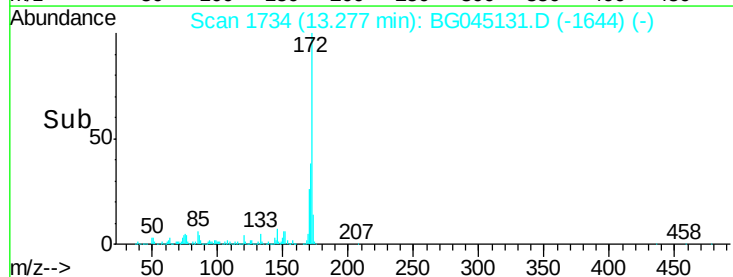
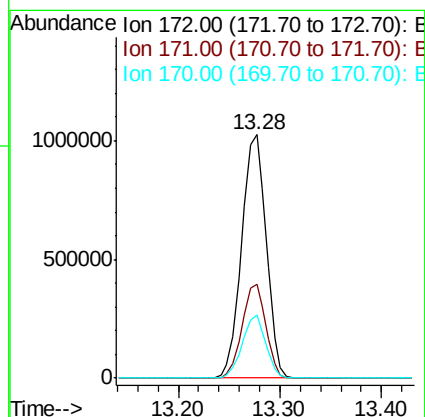
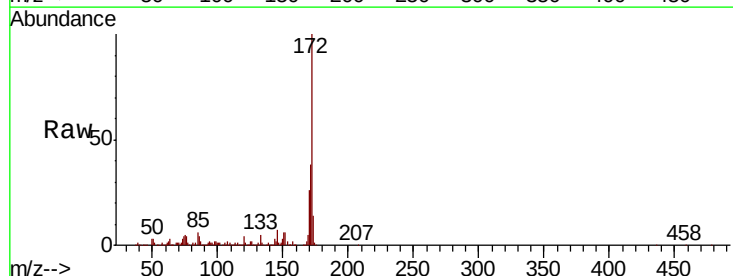
Instrument :
 BNA_G
 ClientSampleId :

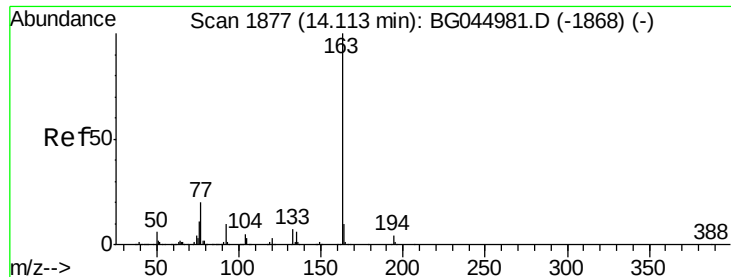
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	36.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 92.738 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.6	46.0
170	25.7	20.5	30.7

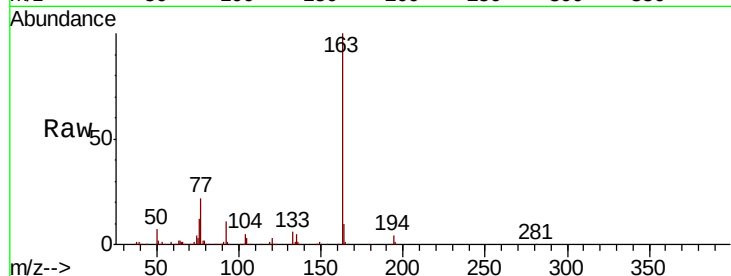




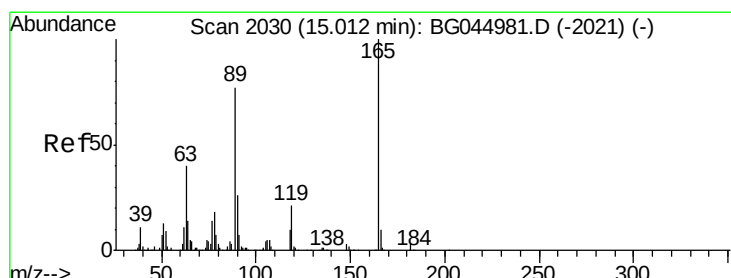
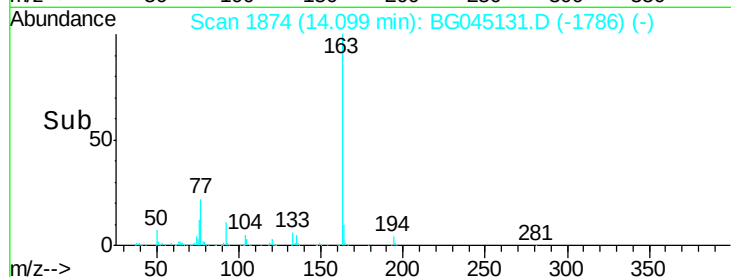
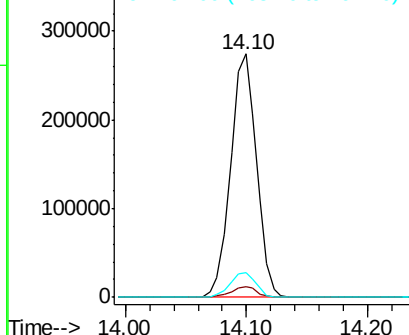
#50
Dimethylphthalate
Concen: 18.441 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.2	12.4

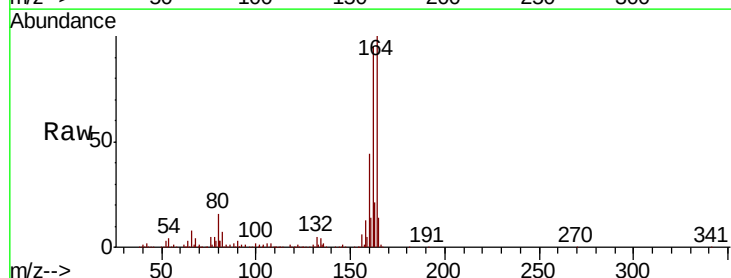


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

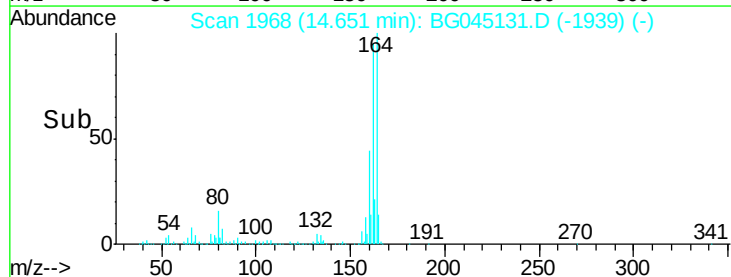
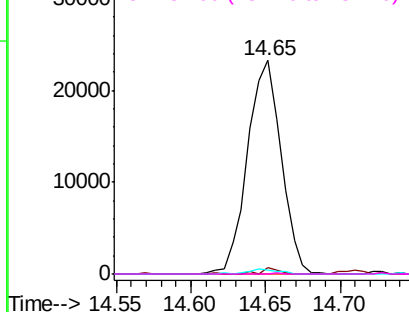


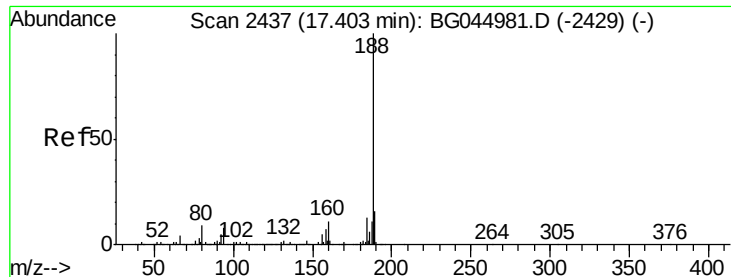
#57
2,4-Dinitrotoluene
Concen: 5.001 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	32.2	48.2#
89	1.8	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): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

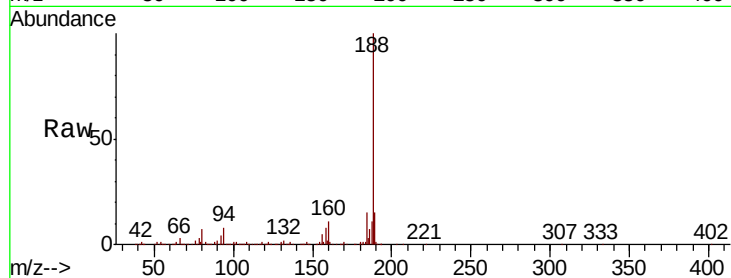
Tot Ion:188 Resp: 534281

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

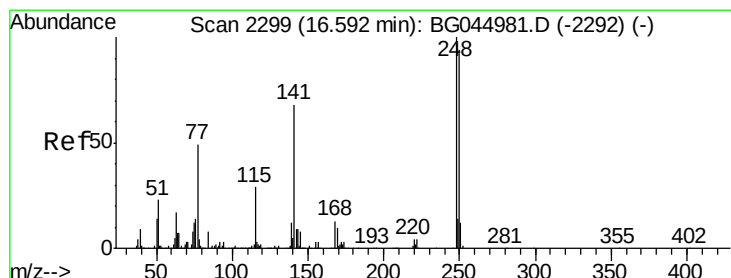
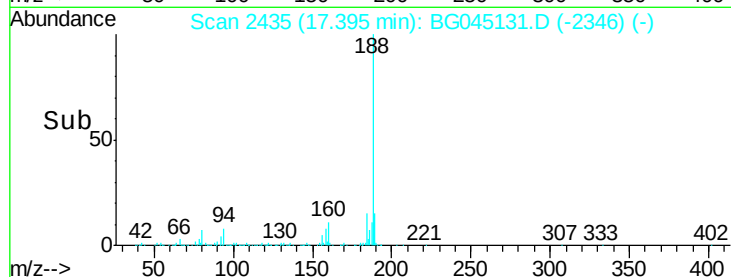
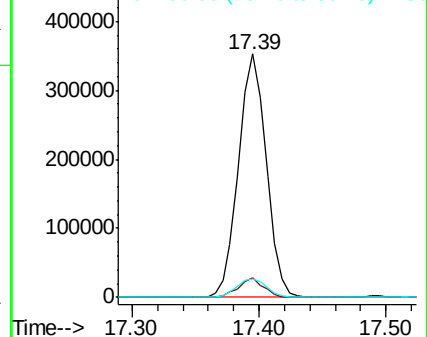
80 7.4 7.0 10.6



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: 5.303 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.45 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

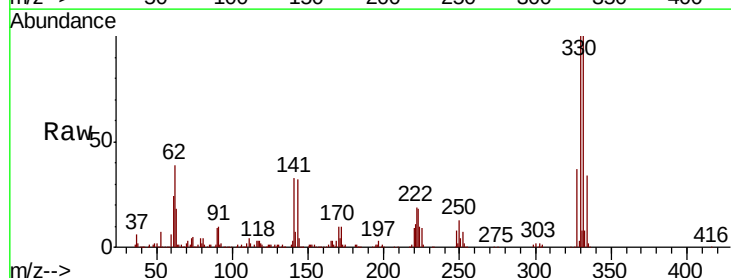
Tgt Ion:248 Resp: 36549

Ion Ratio Lower Upper

248 100

250 173.1 75.4 113.2#

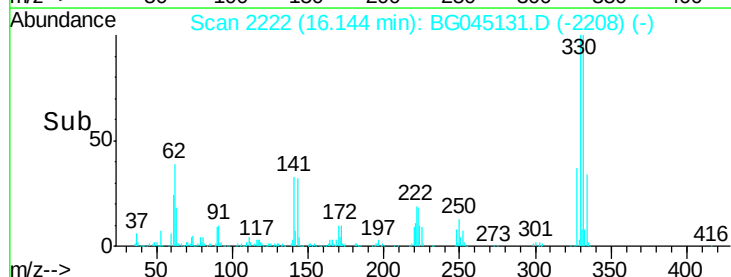
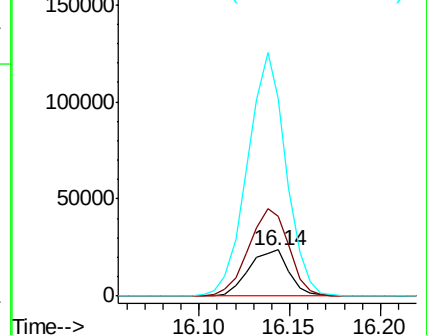
141 428.1 54.4 81.6#

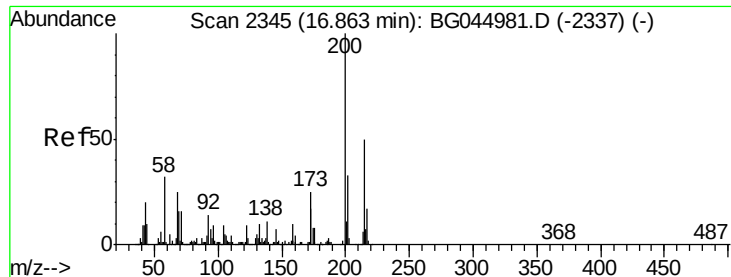


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

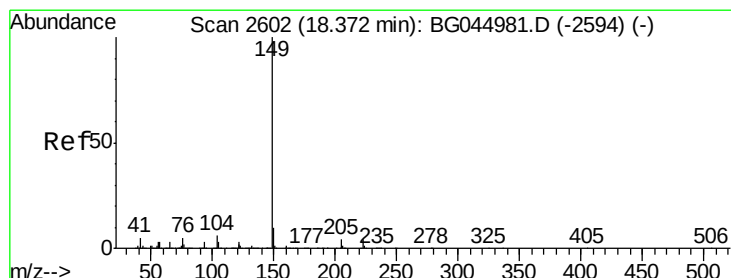
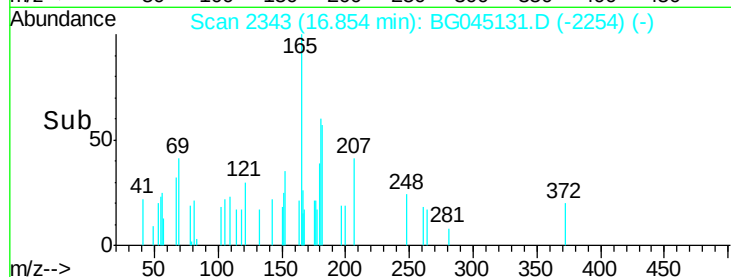
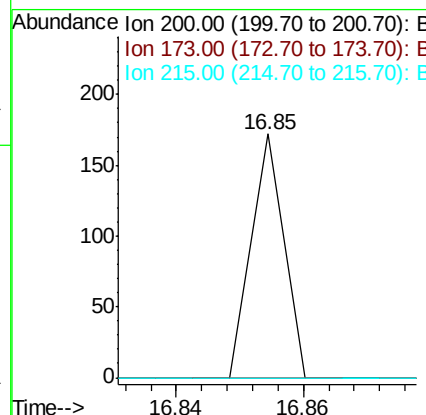
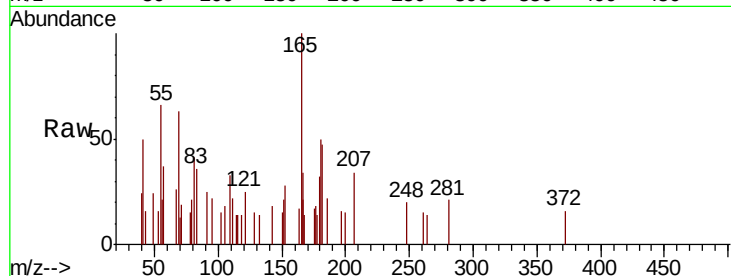




#69
 Atrazine
 Concen: Below Cal
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

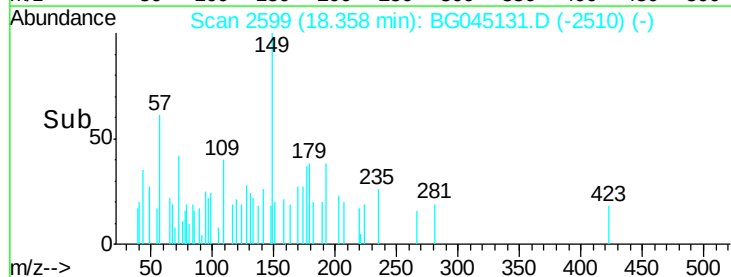
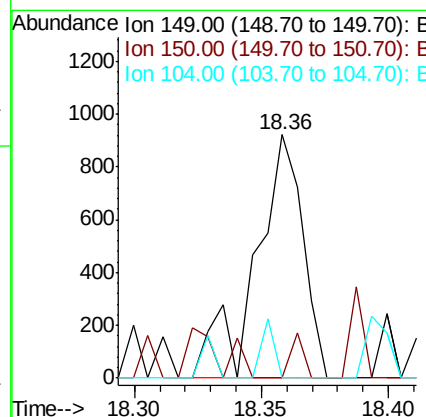
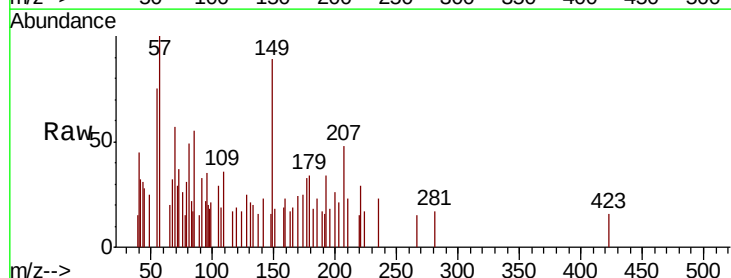
Instrument :
 BNA_G
 ClientSampleId :

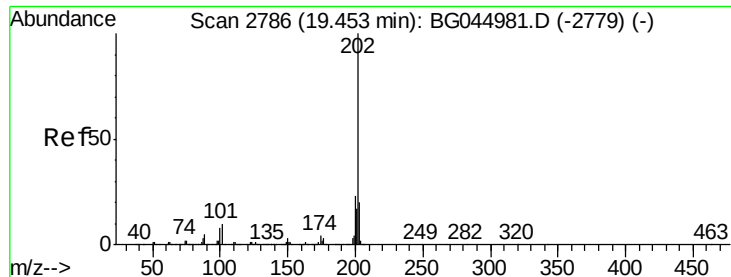
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#



#74
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#





#75

Fluoranthene

Concen: Below Cal

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG045131.D

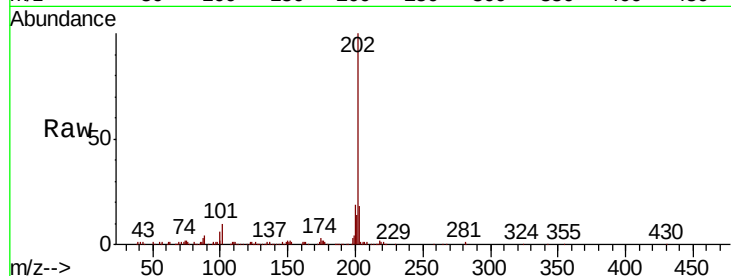
Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

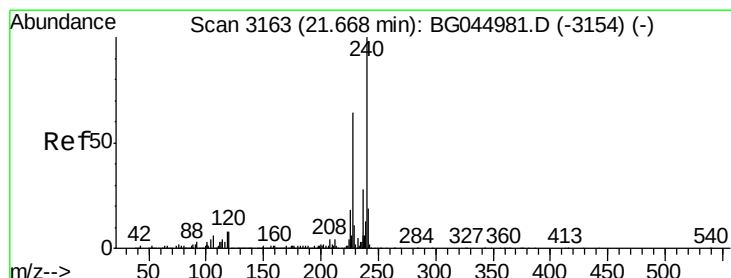
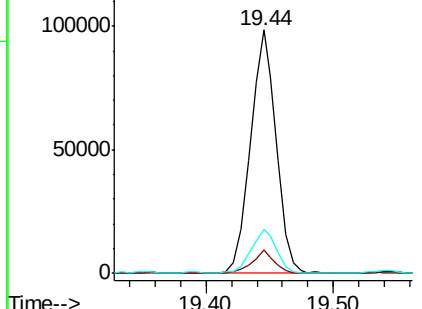
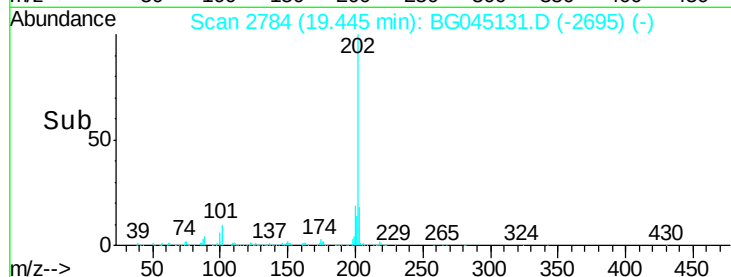
Tot Ion:	202	Resp:	138842
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.6
203	18.2	0.0	39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

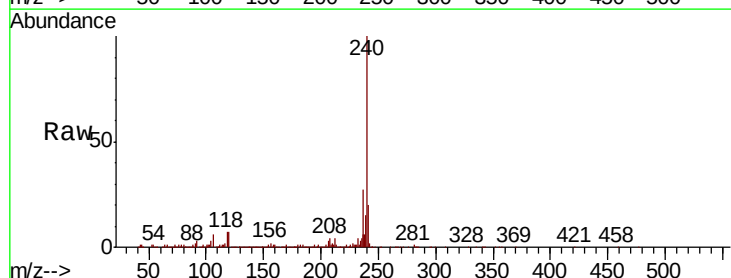
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

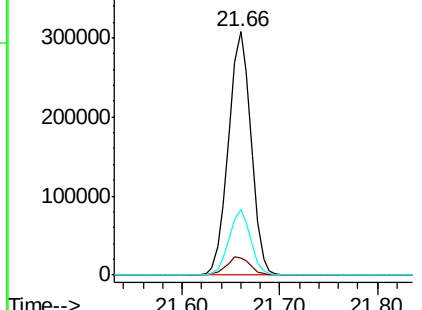
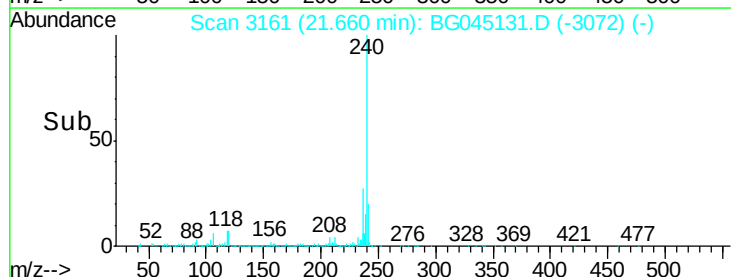
Tgt Ion:	240	Resp:	495181
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.6	10.0
236	27.1	22.2	33.2

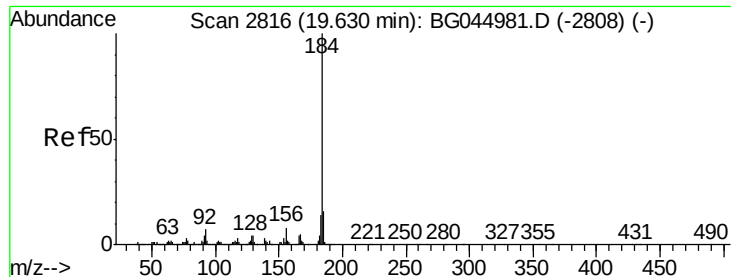


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2880

Delta R.T. 0.39 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

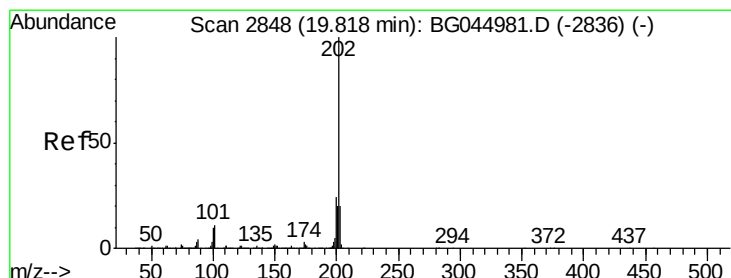
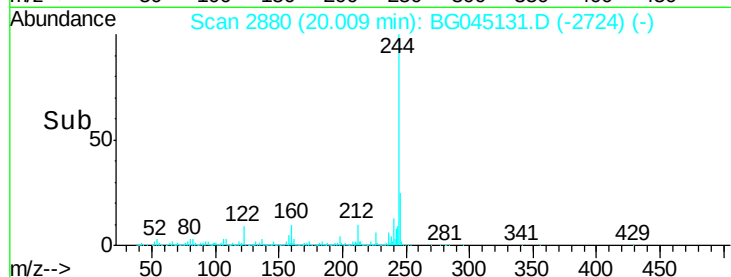
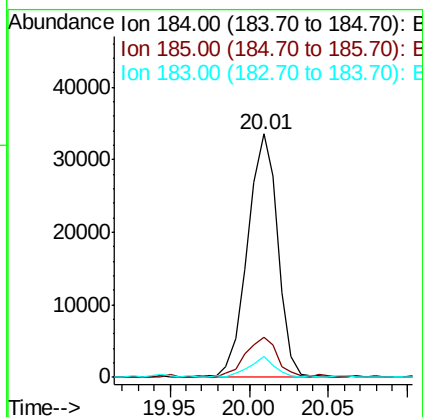
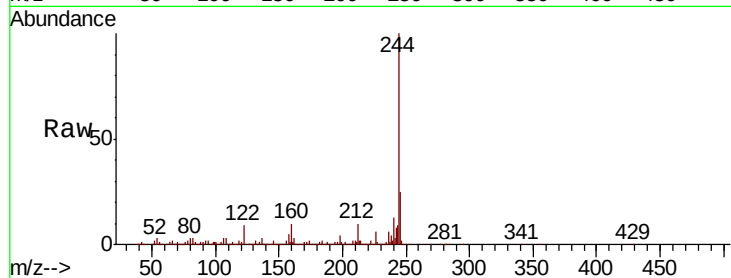
Tot Ion:184 Resp: 44348

Ion Ratio Lower Upper

184 100

185 16.4 12.6 19.0

183 8.8 11.3 16.9#



#78

Pyrene

Concen: 3.501 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

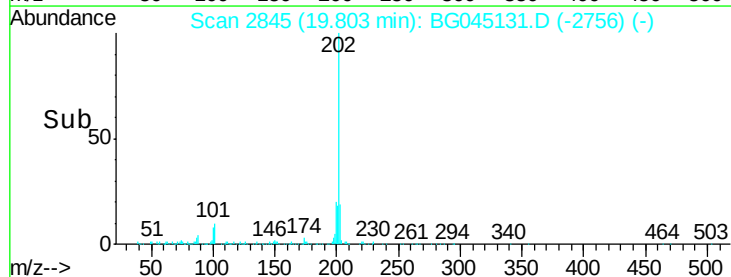
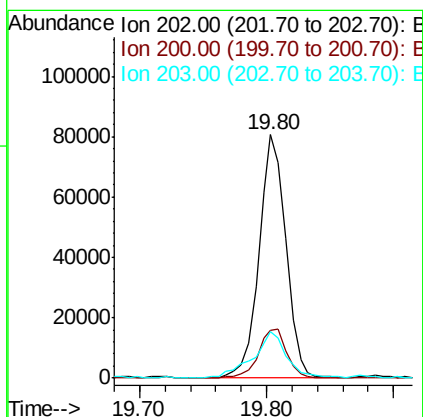
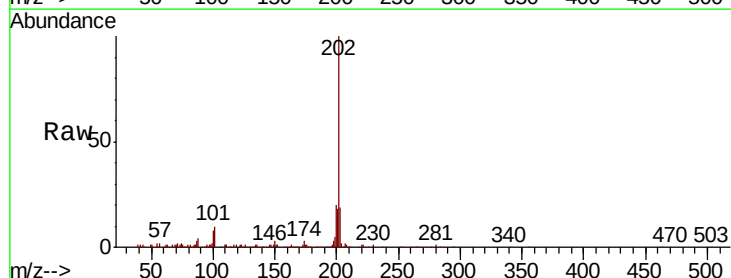
Tgt Ion:202 Resp: 119519

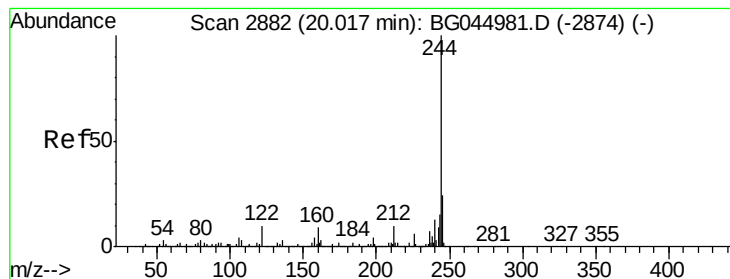
Ion Ratio Lower Upper

202 100

200 19.8 19.0 28.6

203 19.3 16.1 24.1





#79

Terphenyl-d14

Concen: 95.986 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

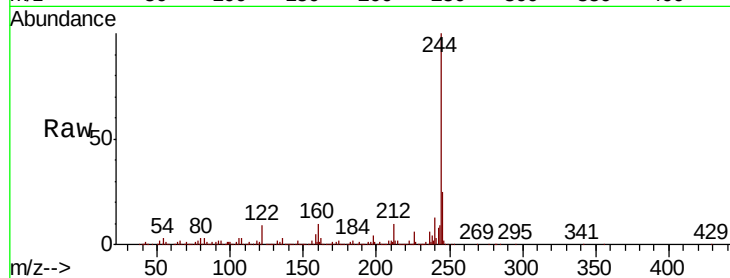
Tot Ion:244 Resp: 2180726

Ion Ratio Lower Upper

244 100

212 10.5 7.9 11.9

122 9.1 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

2000000

1500000

1000000

500000

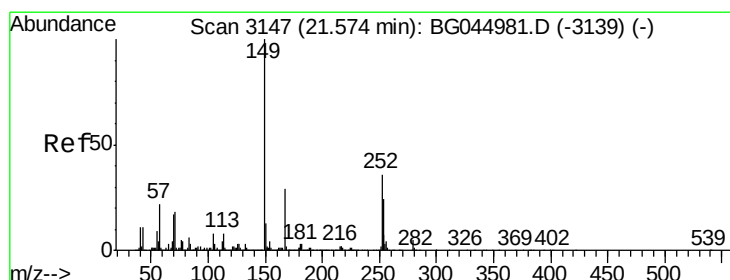
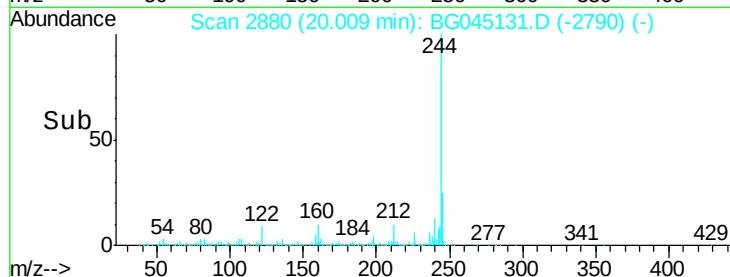
0

19.90

20.01

20.10

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.341 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

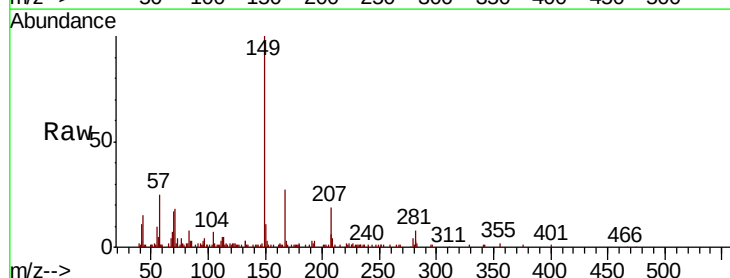
Tgt Ion:149 Resp: 45553

Ion Ratio Lower Upper

149 100

167 27.4 23.4 35.0

279 4.3 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

40000

30000

20000

10000

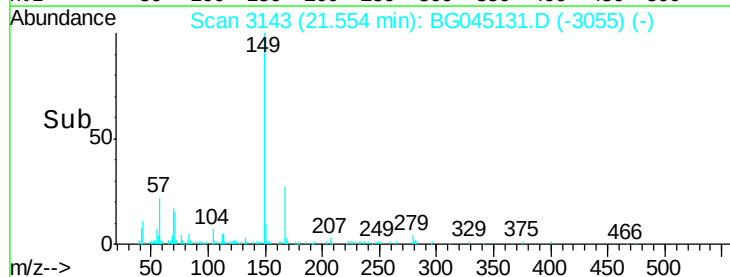
0

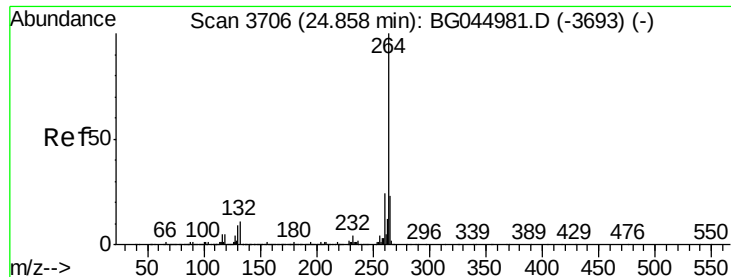
21.45

21.55

21.60

Time-->





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.4	19.0	28.4

