

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043484.D
 Acq On : 4 Nov 2019 17:12
 Operator : JU
 Sample : K5612-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

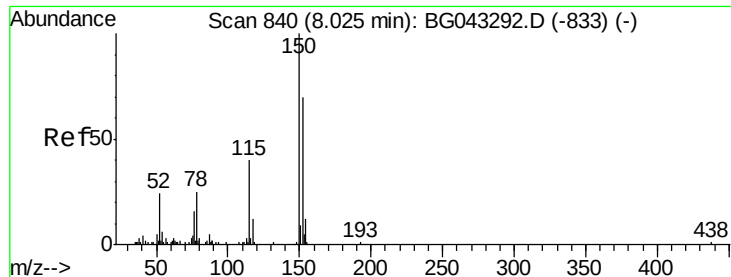
Quant Time: Nov 05 00:56:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	42713	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	167461	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	567975	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	274508	20.00	ng	0.00
76) Chrysene-d12	21.65	240	312638	20.00	ng	0.00
87) Perylene-d12	24.85	264	372691	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	171659	73.64	ng	0.00
7) Phenol-d6	7.19	99	168788	50.33	ng	0.00
23) Nitrobenzene-d5	9.17	82	216095	66.53	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	228417	21.13	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	569771	13.86	ng	0.00
79) Terphenyl-d14	20.00	244	1154852	69.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.79	42	2401	2.077	ng	# 1
6) Aniline	7.34	93	10481	2.713	ng	94
10) Phenol	7.22	94	29141	9.509	ng	95
11) bis(2-Chloroethyl)ether	7.34	93	10481	4.424	ng	# 26
19) n-Nitroso-di-n-propylamine	9.17	70	29336	13.537	ng	# 78
27) 2,4-Dimethylphenol	9.89	122	11341	5.297	ng	# 81
32) Benzoic acid	10.22	122	106918	62.118	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	62407	20.855	ng	# 22
50) Dimethylphthalate	14.09	163	175055	3.979	ng	98
54) 2,4-Dinitrophenol	14.75	184	138	7.304	ng	# 1
67) 4-Bromophenyl-phenylether	16.13	248	14362	3.888	ng	# 1
74) Di-n-butylphthalate	18.34	149	145518	9.417	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	42370	4.068	ng	99

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

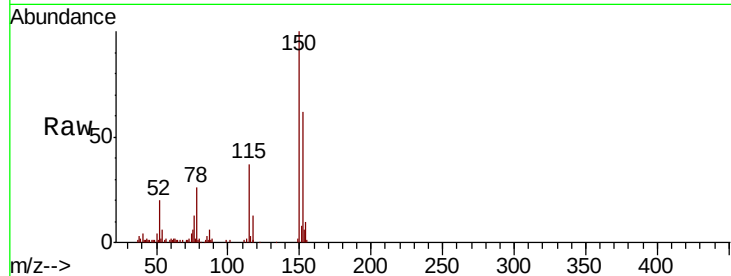


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	129.4	194.0
115	60.2	48.8	73.2

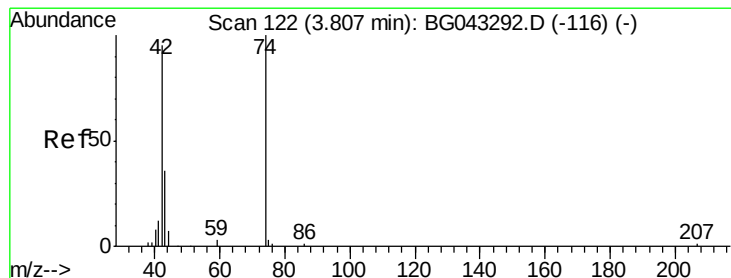
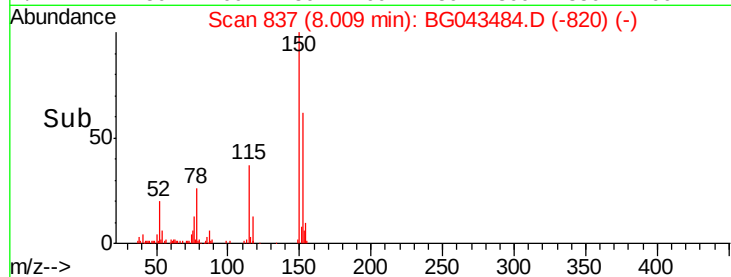
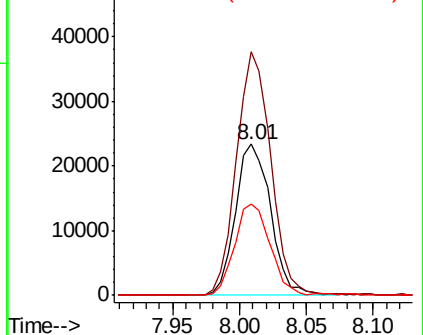


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

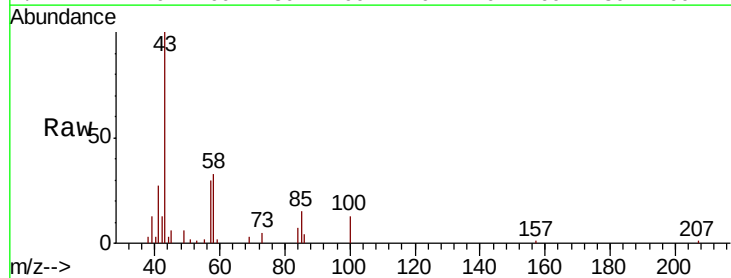
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 2.077 ng
RT: 3.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.3	145.9#
44	24.7	4.4	6.6#

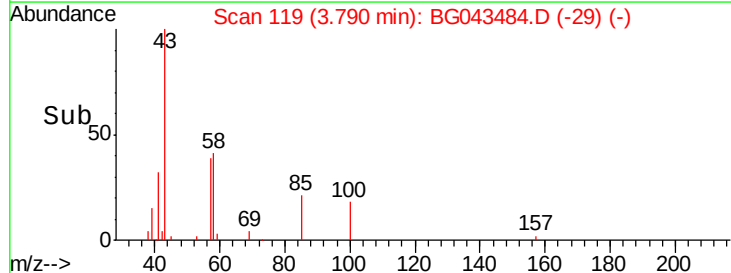
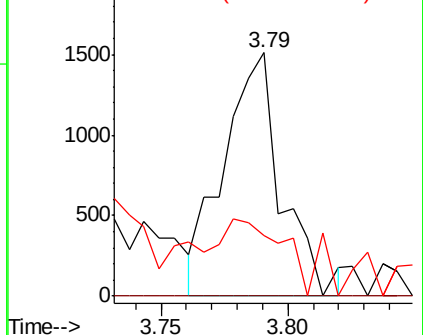


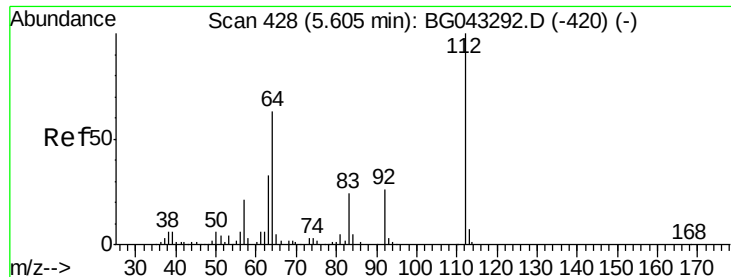
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 73.644 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

ClientSampleId :

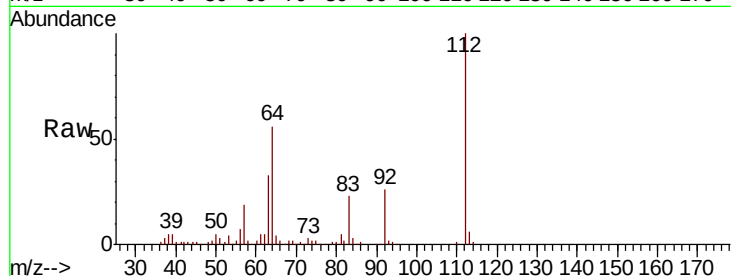
Tot Ion:112 Resp: 171659

Ion Ratio Lower Upper

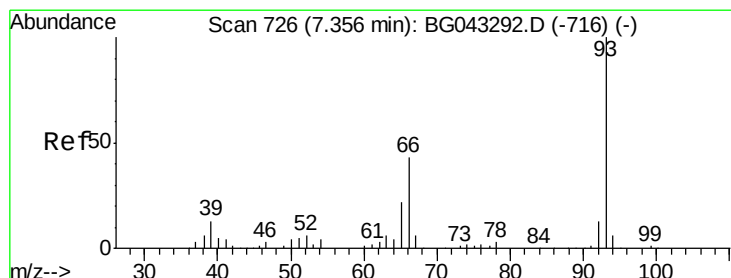
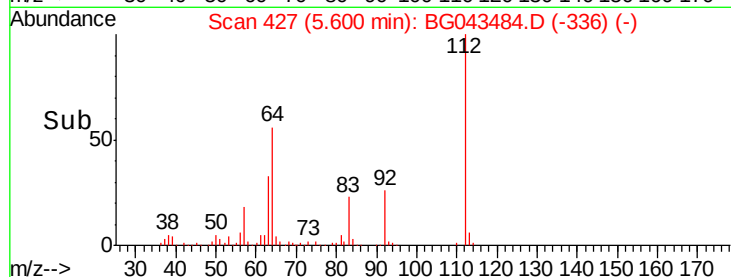
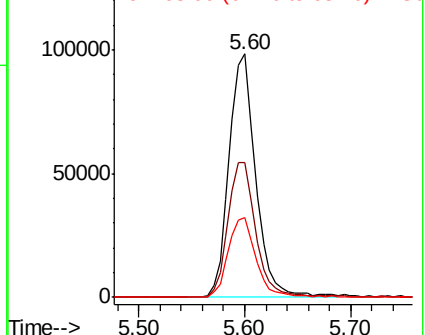
112 100

64 55.6 50.0 75.0

63 32.6 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.713 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

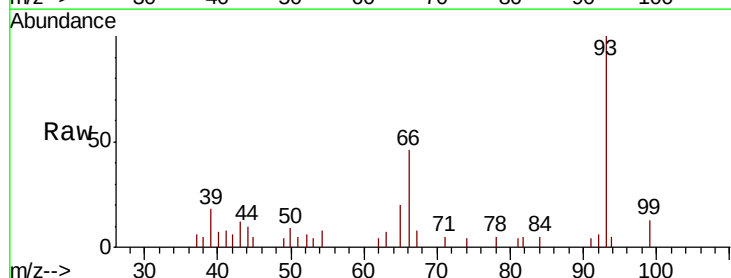
Tgt Ion: 93 Resp: 10481

Ion Ratio Lower Upper

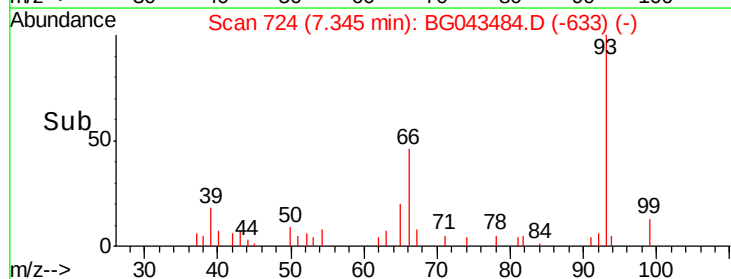
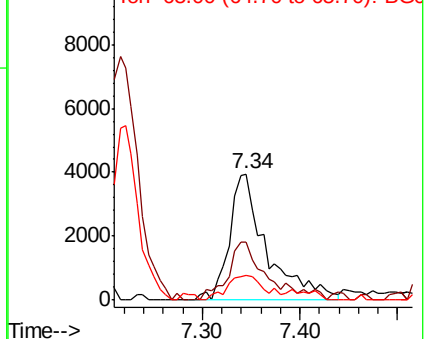
93 100

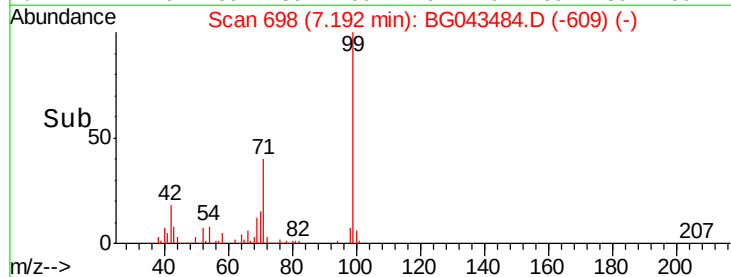
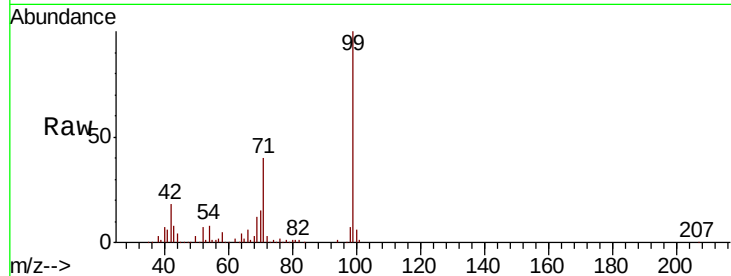
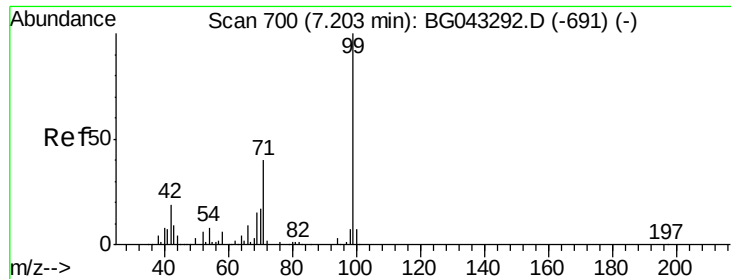
66 45.8 32.3 48.5

65 19.6 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 50.330 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

ClientSampled :

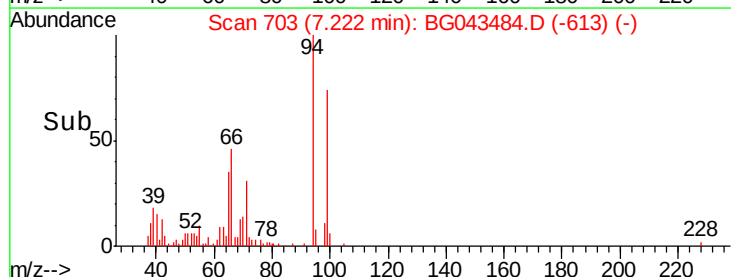
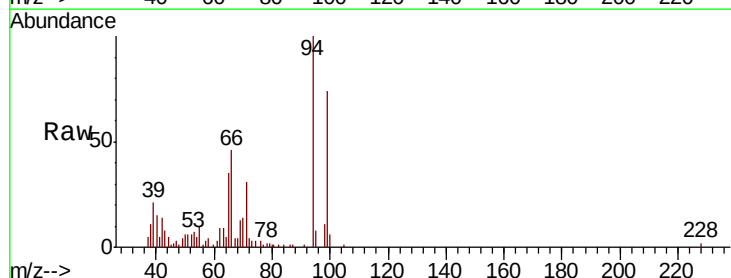
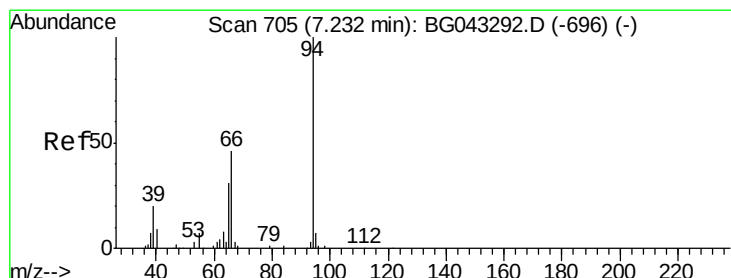
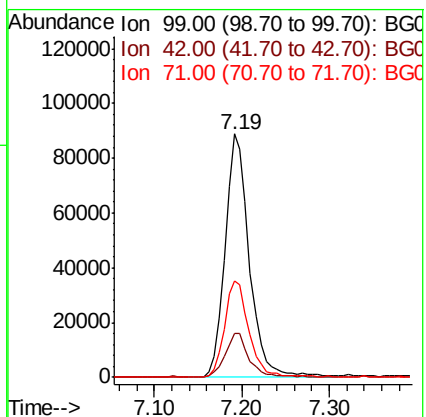
Tot Ion: 99 Resp: 168788

Ion Ratio Lower Upper

99 100

42 17.9 14.6 21.8

71 39.5 32.5 48.7



#10

Phenol

Concen: 9.509 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

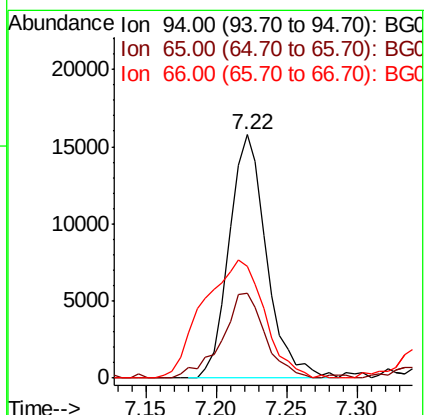
Tgt Ion: 94 Resp: 29141

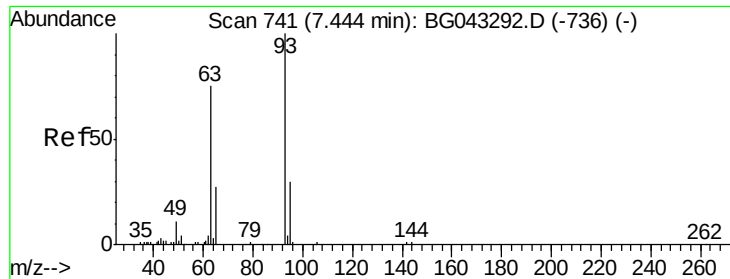
Ion Ratio Lower Upper

94 100

65 34.6 12.6 52.6

66 46.1 30.7 70.7

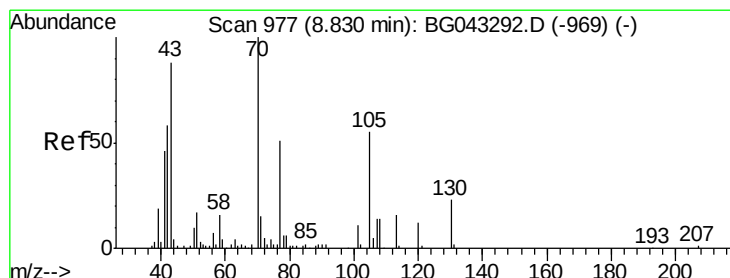
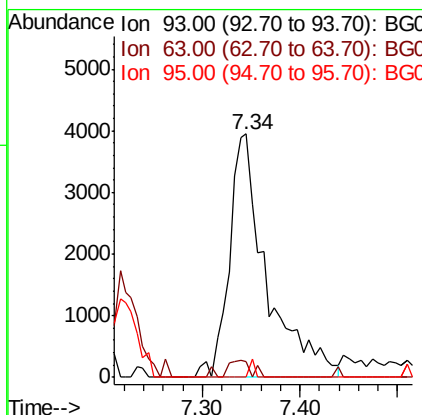
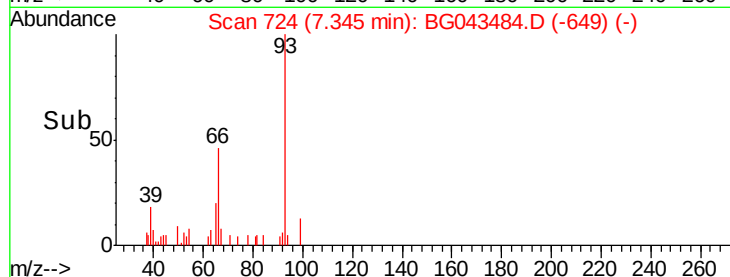
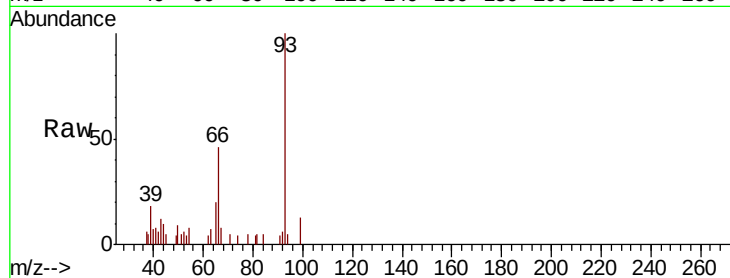




#11
bis(2-Chloroethyl)ether
Concen: 4.424 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.09 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

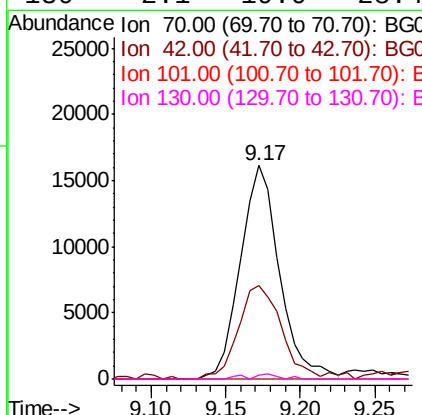
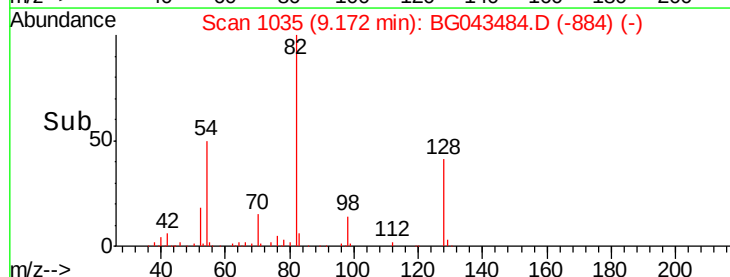
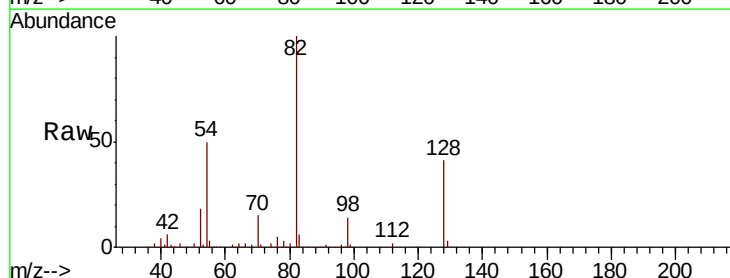
Instrument :
BNA_G
ClientSampleId :

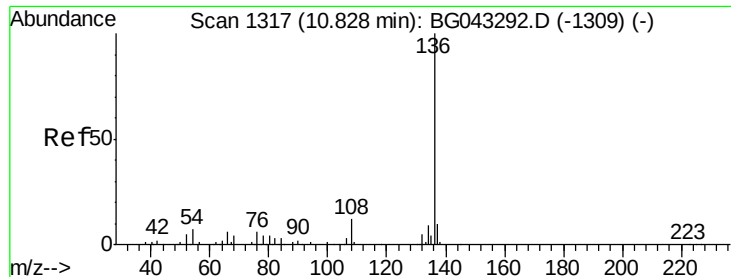
Tot Ion	Ratio	Lower	Upper
93	100		
63	6.7	56.3	96.3#
95	0.0	12.2	52.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.537 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.0	41.4	62.2
101	0.0	7.9	11.9#
130	2.1	19.0	28.4#

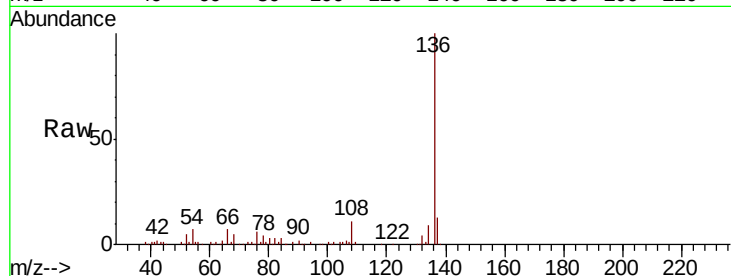




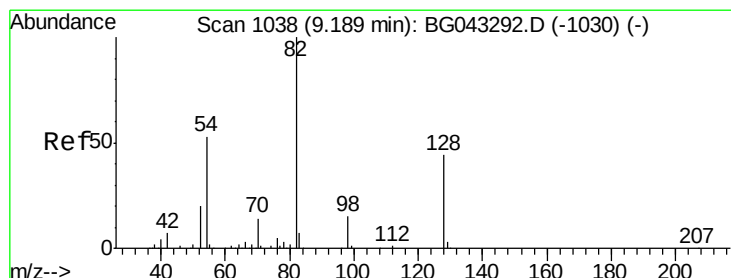
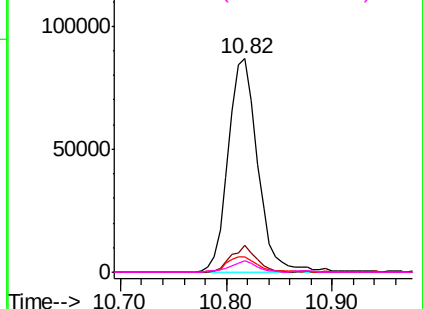
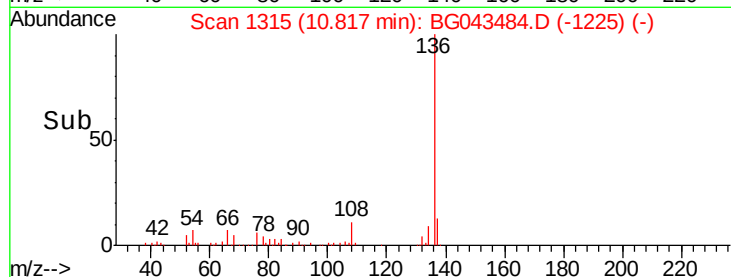
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	167461
Ion Ratio	Lower	Upper
136	100	
137	12.8	8.7 13.1
54	7.4	5.4 8.2
68	5.3	3.0 4.4

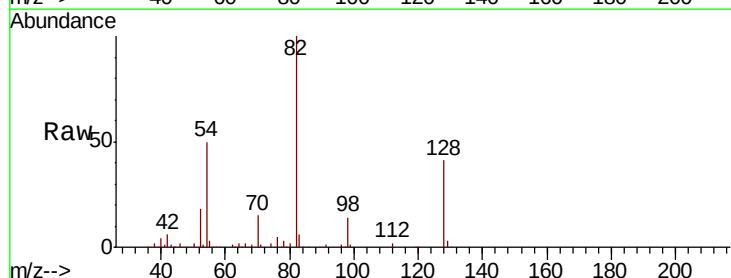


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

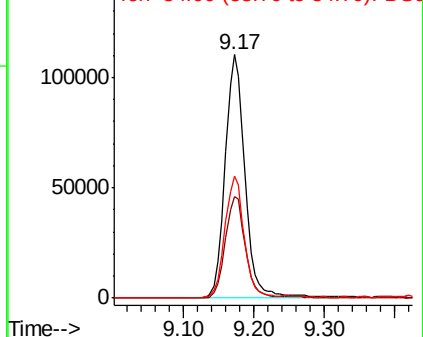
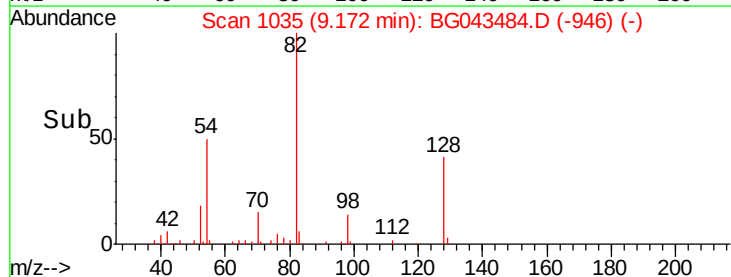


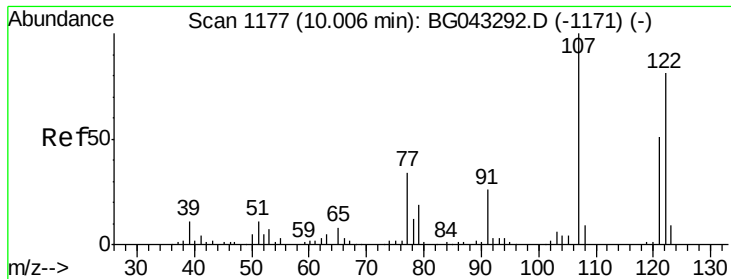
#23
Nitrobenzene-d5
Concen: 66.527 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion: 82	Resp:	216095
Ion Ratio	Lower	Upper
82	100	
128	41.5	35.0 52.6
54	50.3	40.2 60.2



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





#27

2,4-Dimethylphenol

Concen: 5.297 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.10 min

Lab File: BG043484.D

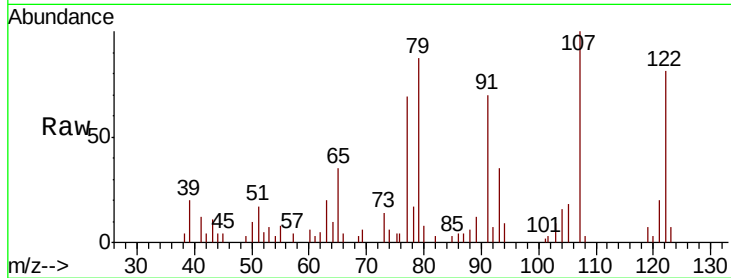
Acq: 4 Nov 2019 17:12

Instrument :

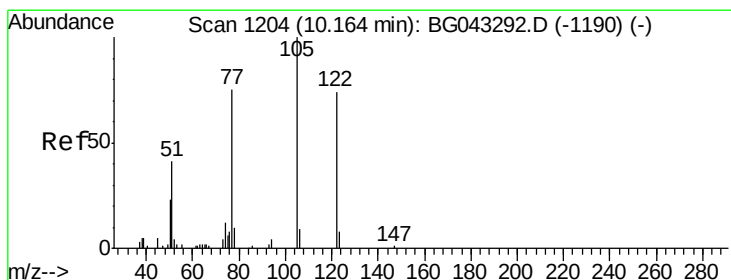
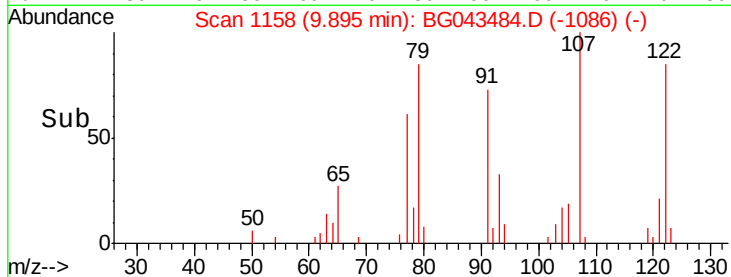
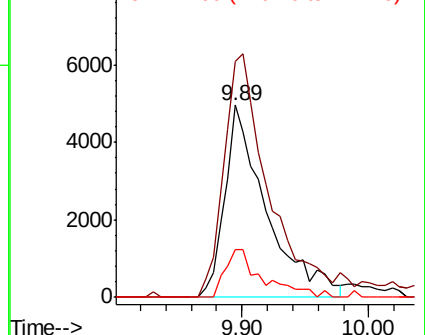
BNA_G

ClientSampleId :

Tot Ion:122 Resp: 11341
 Ion Ratio Lower Upper
 122 100
 107 123.1 104.4 156.6
 121 24.7 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 62.118 ng

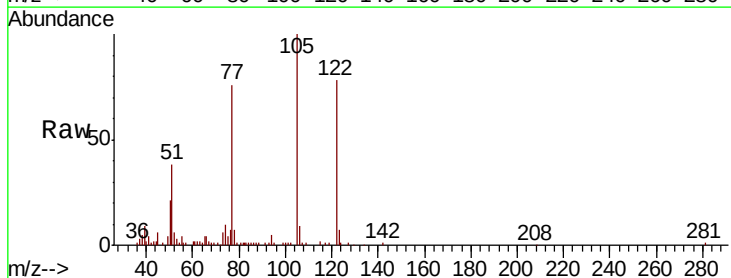
RT: 10.22 min Scan# 1214

Delta R.T. 0.06 min

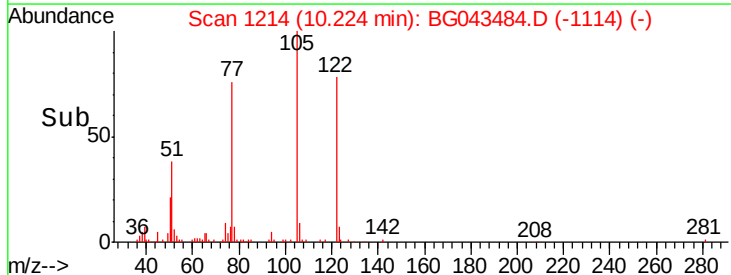
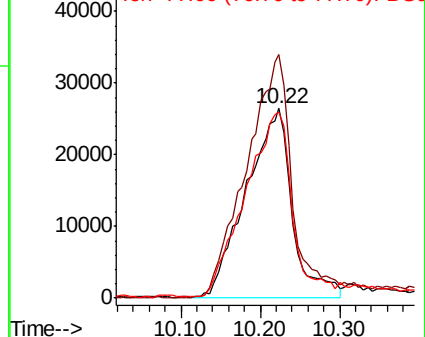
Lab File: BG043484.D

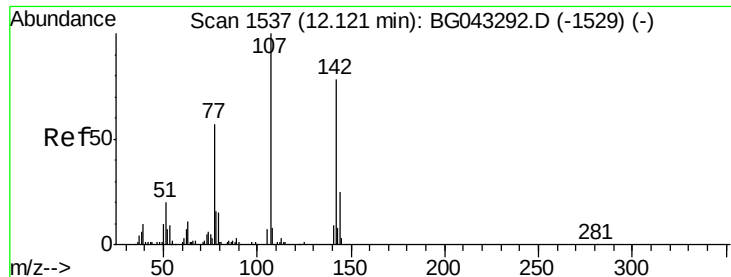
Acq: 4 Nov 2019 17:12

Tgt Ion:122 Resp: 106918
 Ion Ratio Lower Upper
 122 100
 105 128.6 103.3 143.3
 77 98.2 84.9 124.9



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): BGC

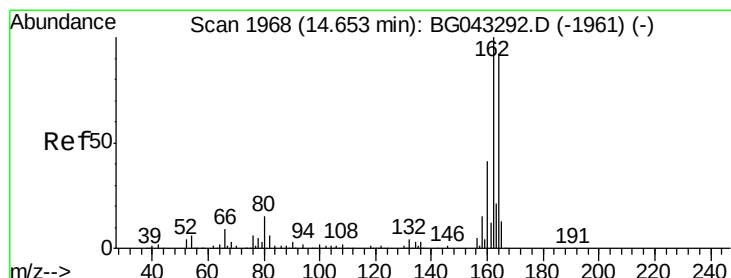
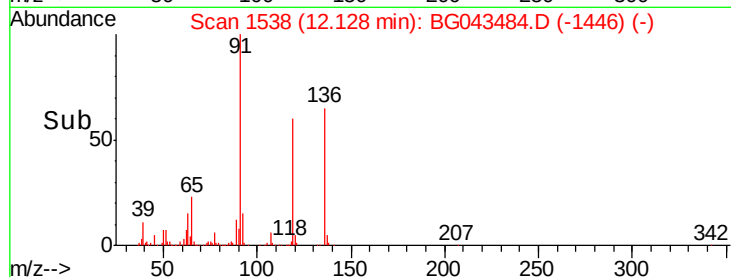
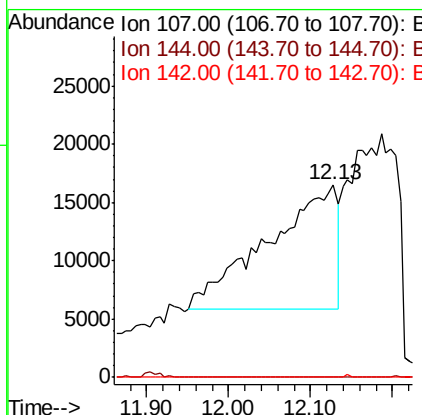
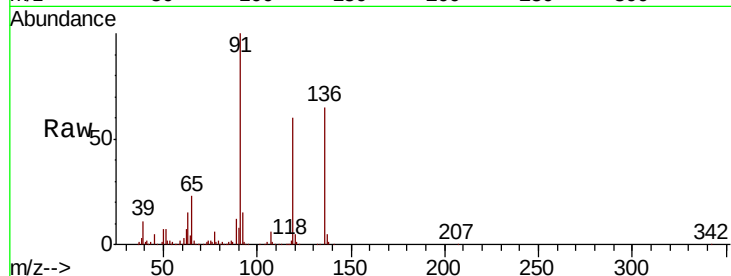




#36
4-Chloro-3-methylphenol
Concen: 20.855 ng
RT: 12.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

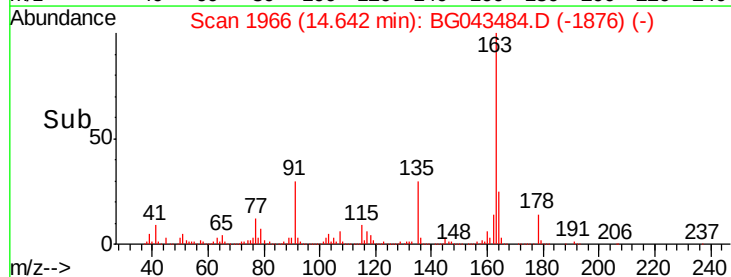
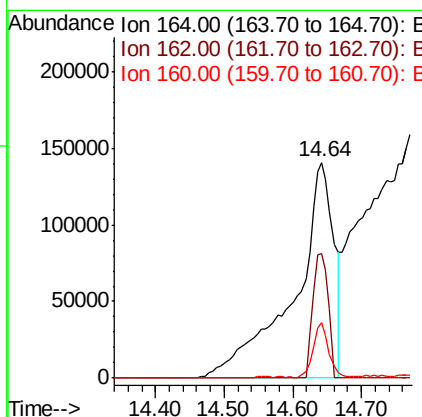
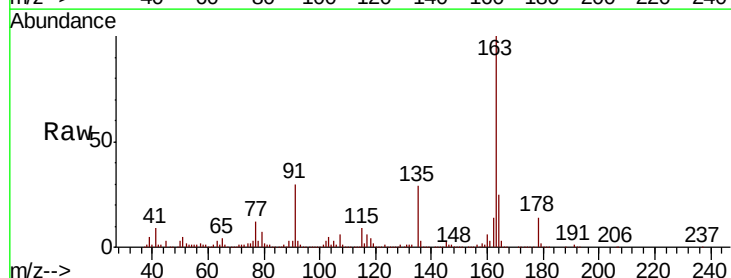
Instrument :
BNA_G
ClientSampleId :

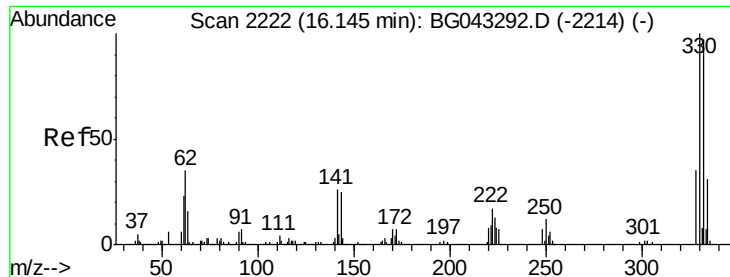
Tot Ion:107 Resp: 62407
Ion Ratio Lower Upper
107 100
144 0.0 20.9 31.3#
142 0.0 59.6 89.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion:164 Resp: 567975
Ion Ratio Lower Upper
164 100
162 57.4 83.5 125.3#
160 25.5 36.5 54.7#

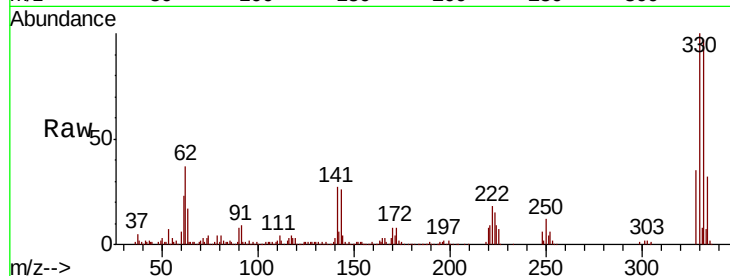




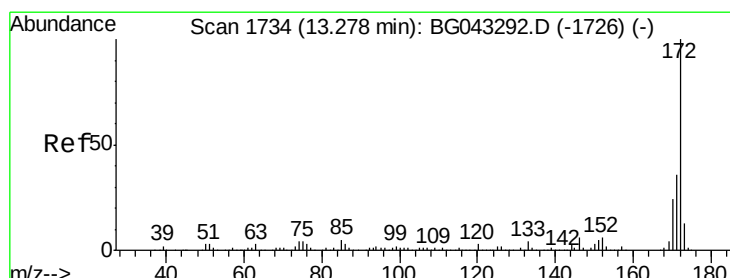
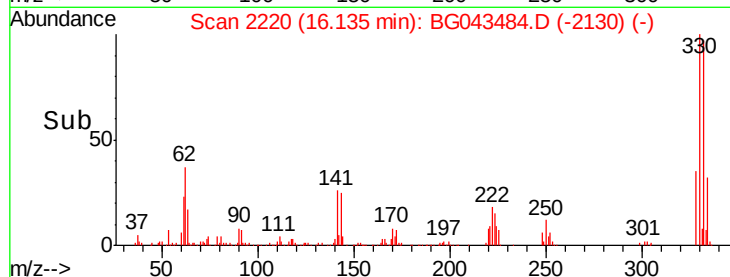
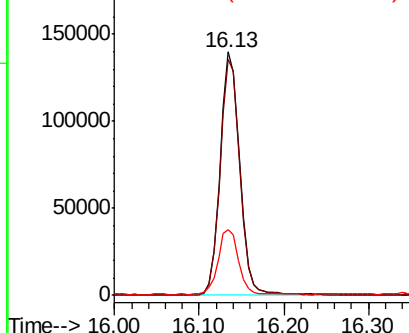
#42
 2,4,6-Tribromophenol
 Concen: 21.133 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG043484.D
 Acq: 4 Nov 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	27.6	22.8	34.2

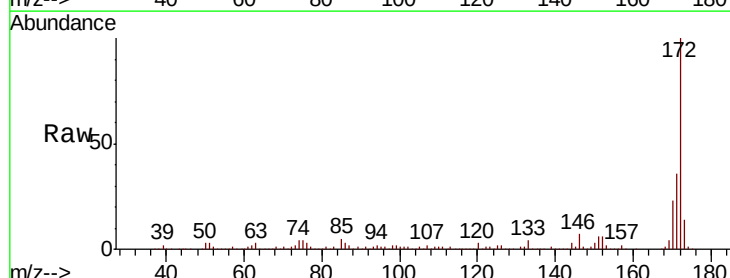


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

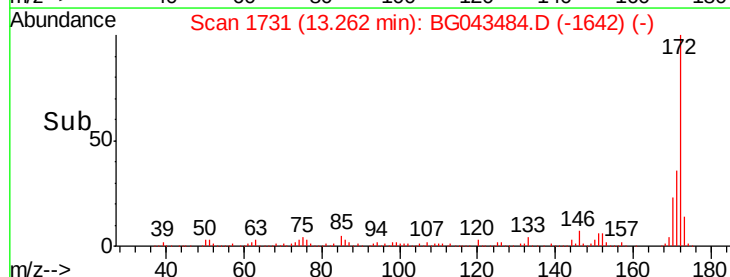
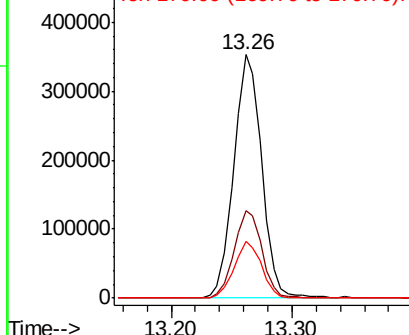


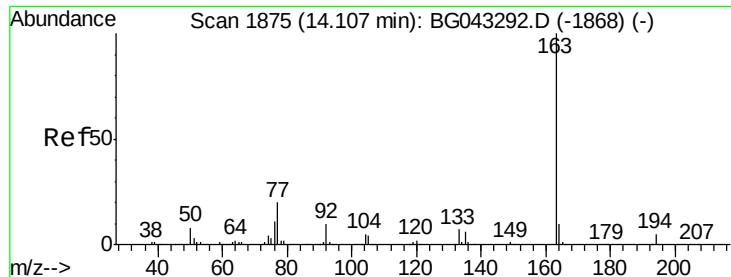
#45
 2-Fluorobiphenyl
 Concen: 13.862 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG043484.D
 Acq: 4 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.1	18.5	27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

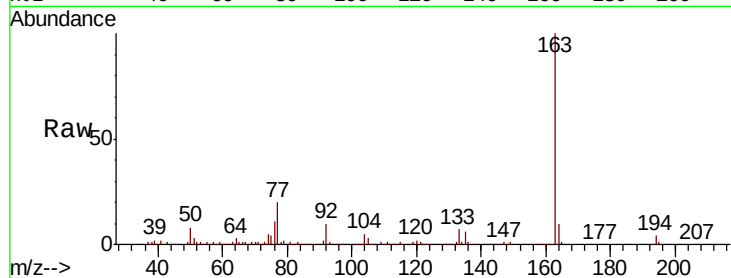




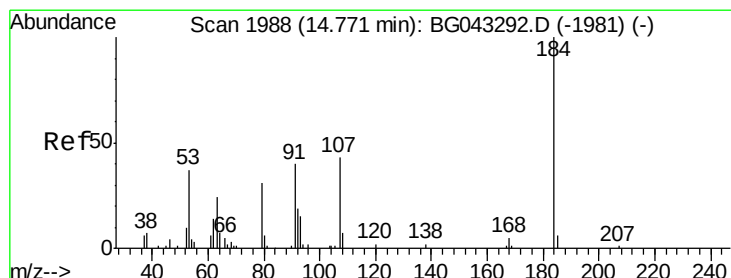
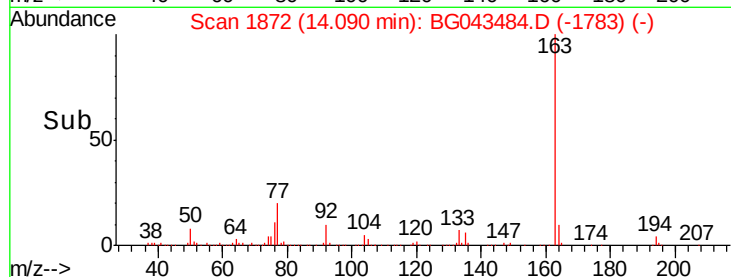
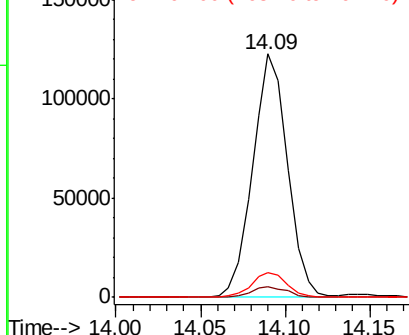
#50
Dimethylphthalate
Concen: 3.979 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 175055
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.1 8.9 13.3

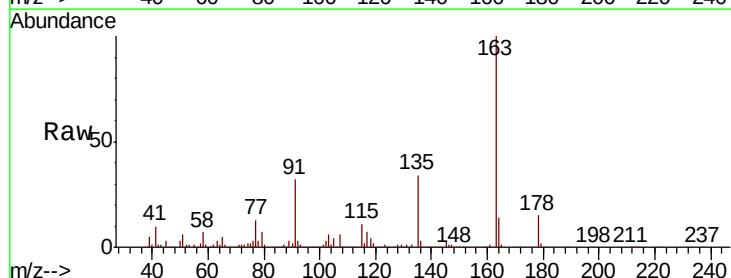


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

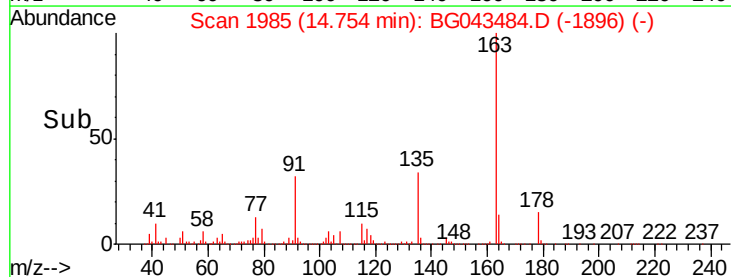
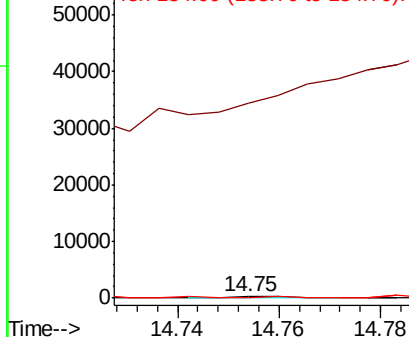


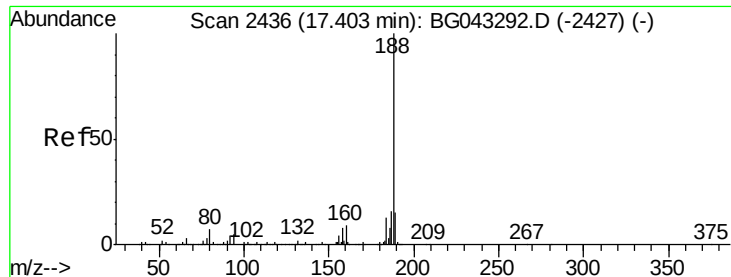
#54
2,4-Dinitrophenol
Concen: 7.304 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion:184 Resp: 138
Ion Ratio Lower Upper
184 100
63 17575.5 51.3 76.9#
154 0.0 55.4 83.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

ClientSampled :

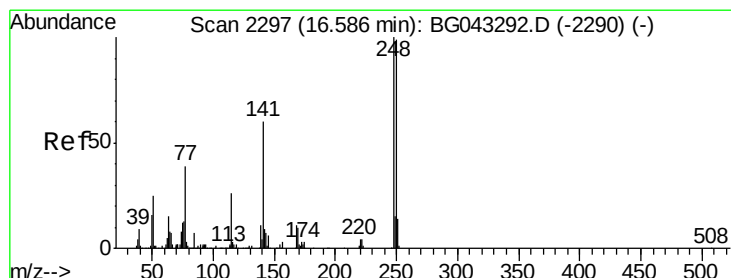
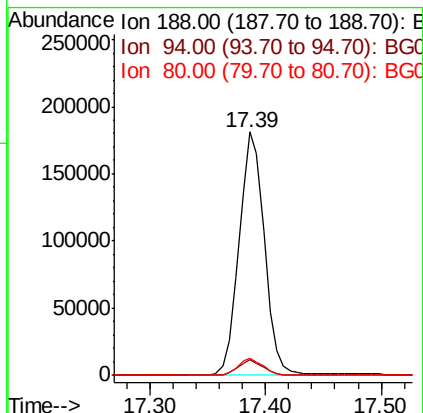
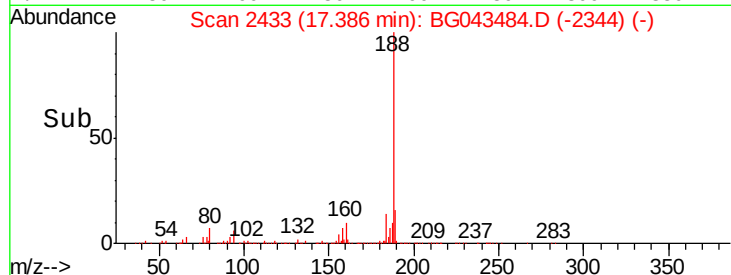
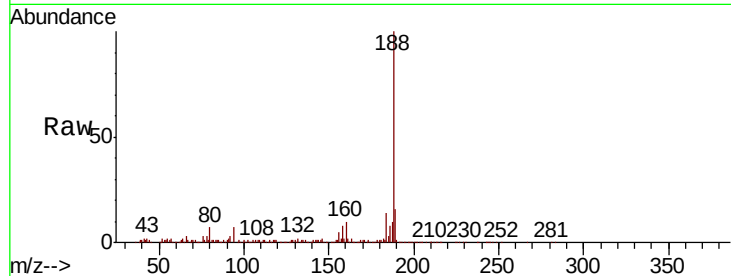
Tot Ion:188 Resp: 274508

Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.4#

80 6.8 4.5 6.7#



#67

4-Bromophenyl-phenylether

Concen: 3.888 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.44 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

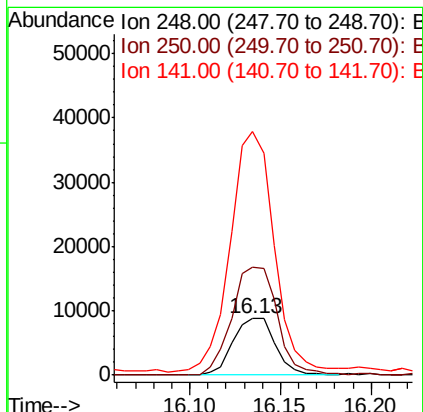
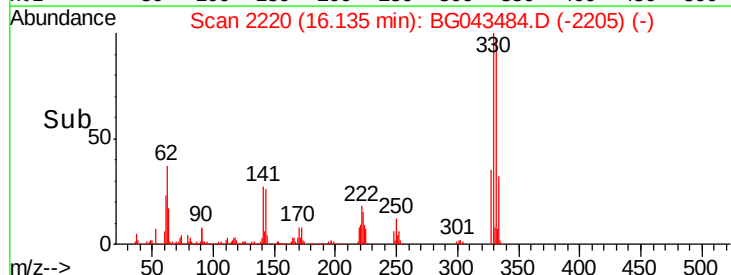
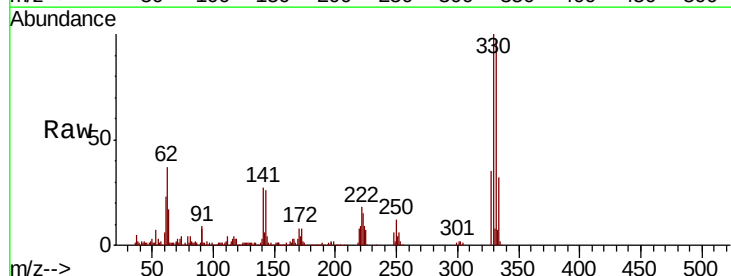
Tgt Ion:248 Resp: 14362

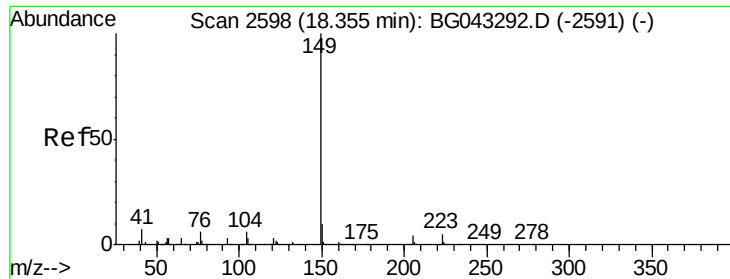
Ion Ratio Lower Upper

248 100

250 192.1 77.0 115.4#

141 430.9 47.5 71.3#

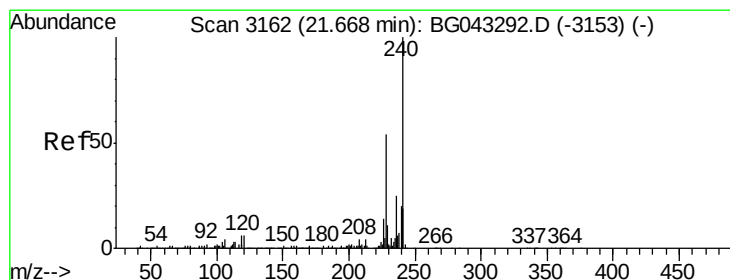
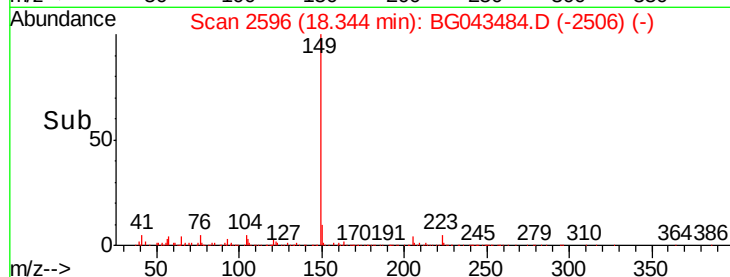
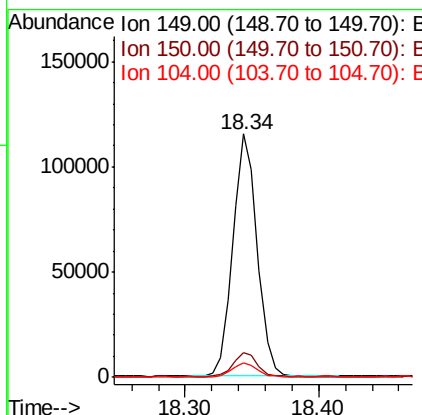
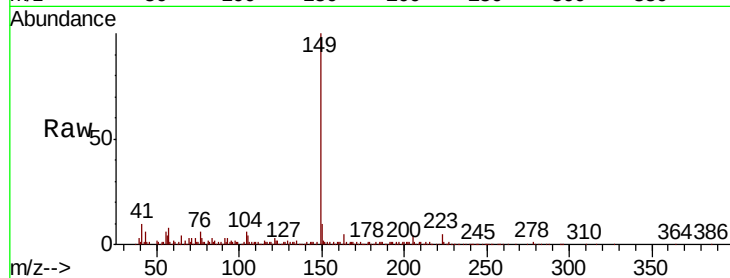




#74
Di-n-butylphthalate
Concen: 9.417 ng
RT: 18.34 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

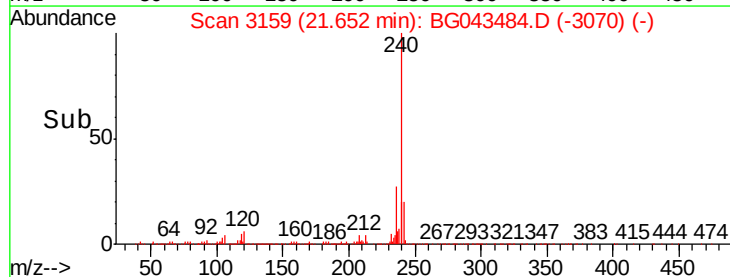
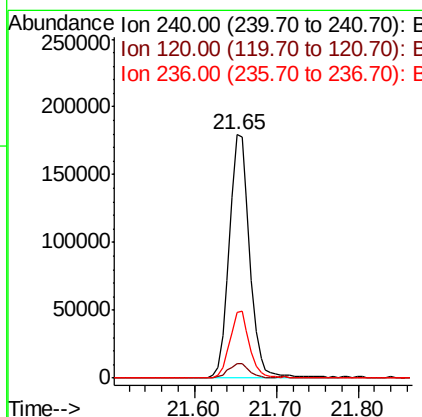
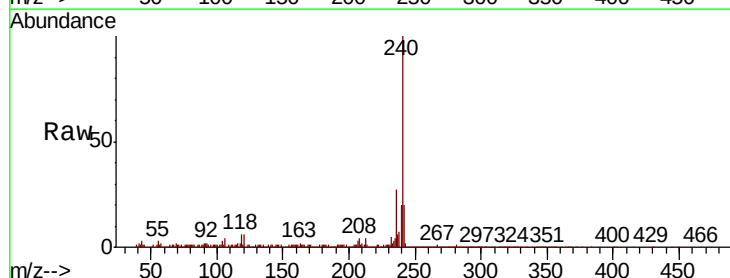
Instrument :
BNA_G
ClientSampleId :

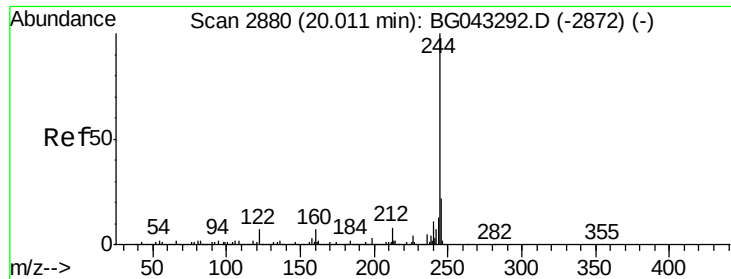
Tot Ion:149 Resp: 145518
Ion Ratio Lower Upper
149 100
150 10.0 8.0 12.0
104 5.9 4.4 6.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion:240 Resp: 312638
Ion Ratio Lower Upper
240 100
120 5.8 4.6 6.8
236 26.9 19.8 29.8





#79

Terphenyl-d14

Concen: 69.300 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

ClientSampleId :

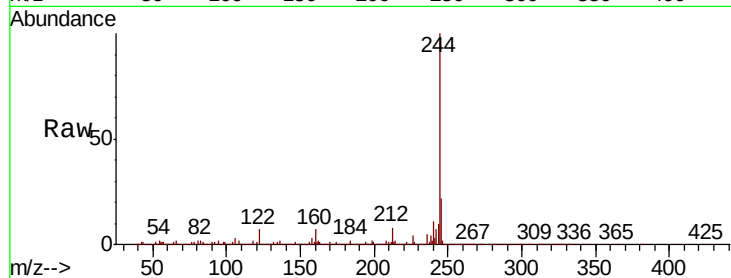
Tot Ion:244 Resp: 1154852

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

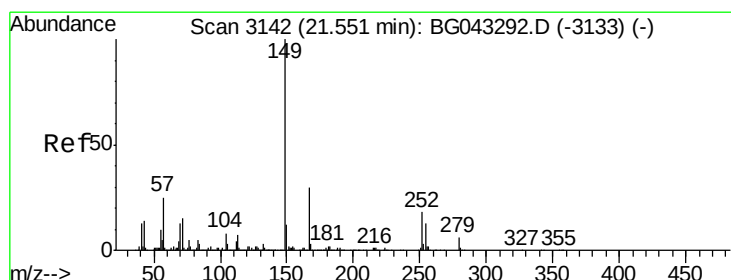
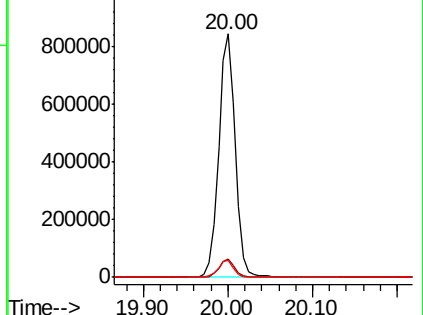
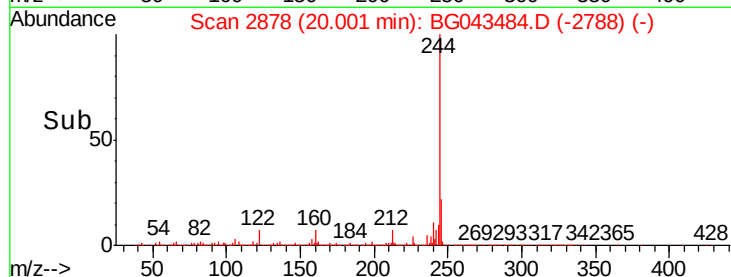
122 6.8 5.4 8.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.068 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

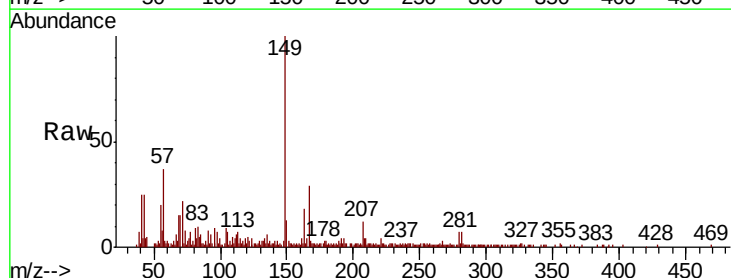
Tgt Ion:149 Resp: 42370

Ion Ratio Lower Upper

149 100

167 29.4 24.0 36.0

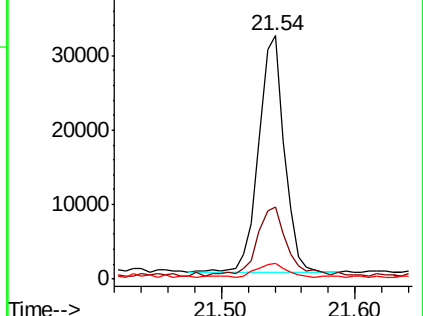
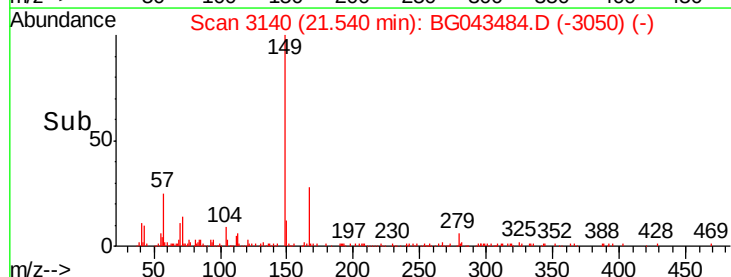
279 6.7 5.4 8.2

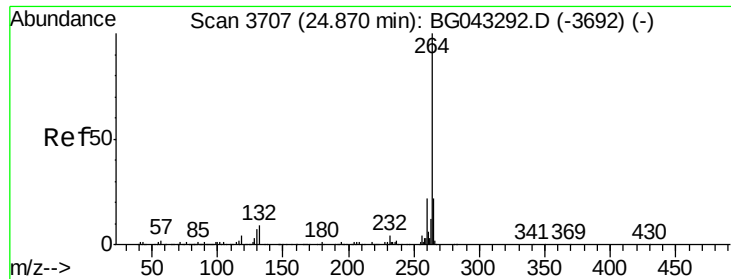


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

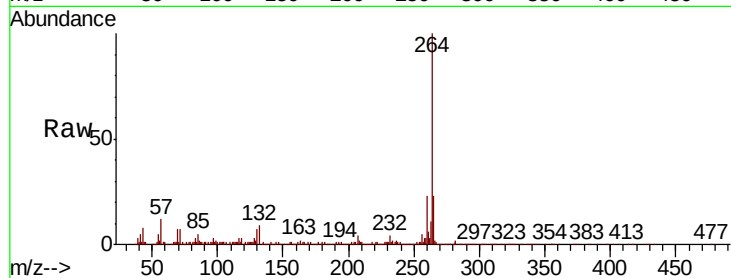




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.5	26.3
265	23.4	17.4	26.0



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

