

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043341.D
 Acq On : 25 Oct 2019 16:06
 Operator : JU
 Sample : PB124157BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124157BL

Quant Time: Oct 25 16:52:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38012	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129000	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	99381	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	244929	20.00	ng	0.00
76) Chrysene-d12	21.66	240	276561	20.00	ng	0.00
87) Perylene-d12	24.86	264	313934	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	303498	146.31	ng	0.01
7) Phenol-d6	7.22	99	406829	136.31	ng	0.01
23) Nitrobenzene-d5	9.18	82	251748	100.61	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	274957	145.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	682631	94.91	ng	0.00
79) Terphenyl-d14	20.01	244	1469014	99.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.88	79	61	0.030	ng	# 17
4) n-Nitrosodimethylamine	3.81	42	519	0.504	ng	# 1
6) Aniline	7.40	93	67	0.019	ng	# 40
8) 2-Chlorophenol	7.57	128	61	0.027	ng	# 1
9) Benzaldehyde	7.22	77	900	0.614	ng	# 7
10) Phenol	7.57	94	1030	0.378	ng	# 1
11) bis(2-Chloroethyl)ether	7.40	93	67	0.032	ng	# 21
16) 2,2'-oxybis(1-Chloropropan	8.54	45	305	0.099	ng	# 67
24) Nitrobenzene	9.19	77	1183	0.496	ng	# 44
25) Isophorone	9.64	82	593	0.130	ng	# 65
27) 2,4-Dimethylphenol	10.11	122	55	0.033	ng	# 11
28) bis(2-Chloroethoxy)methane	9.87	93	67	0.027	ng	# 51
33) 4-Chloroaniline	11.23	127	83	0.031	ng	# 45
37) 2-Methylnaphthalene	12.58	142	55	0.011	ng	# 15
38) 1-Methylnaphthalene	12.58	142	55	0.012	ng	# 8
46) 1,1'-Biphenyl	13.50	154	876	0.116	ng	# 42
47) 2-Chloronaphthalene	13.34	162	61	0.011	ng	# 38
48) 2-Nitroaniline	13.27	65	1021	0.594	ng	# 7
50) Dimethylphthalate	13.82	163	61	0.008	ng	# 77
52) Acenaphthene	14.65	154	288	0.053	ng	# 4
53) 3-Nitroaniline	14.58	138	56	0.035	ng	# 1
58) Fluorene	16.14	166	7457	1.004	ng	# 79
60) Diethylphthalate	15.47	149	200	0.026	ng	# 58
62) 4-Nitroaniline	15.44	138	55	0.033	ng	# 8
63) Azobenzene	16.13	77	1064	0.170	ng	# 39
65) 4,6-Dinitro-2-methylphenol	16.14	198	258	0.179	ng	# 1
66) n-Nitrosodiphenylamine	16.14	169	7246	1.048	ng	# 44
69) Atrazine	16.85	200	63	0.026	ng	# 37
71) Phenanthrene	17.43	178	125	0.010	ng	# 59
72) Anthracene	17.43	178	125	0.010	ng	# 60
74) Di-n-butylphthalate	18.36	149	847	0.061	ng	# 77
75) Fluoranthene	19.17	202	74	0.005	ng	# 65
77) Benzidine	19.69	184	676	0.121	ng	# 66
78) Pyrene	20.01	202	4921	0.287	ng	# 74

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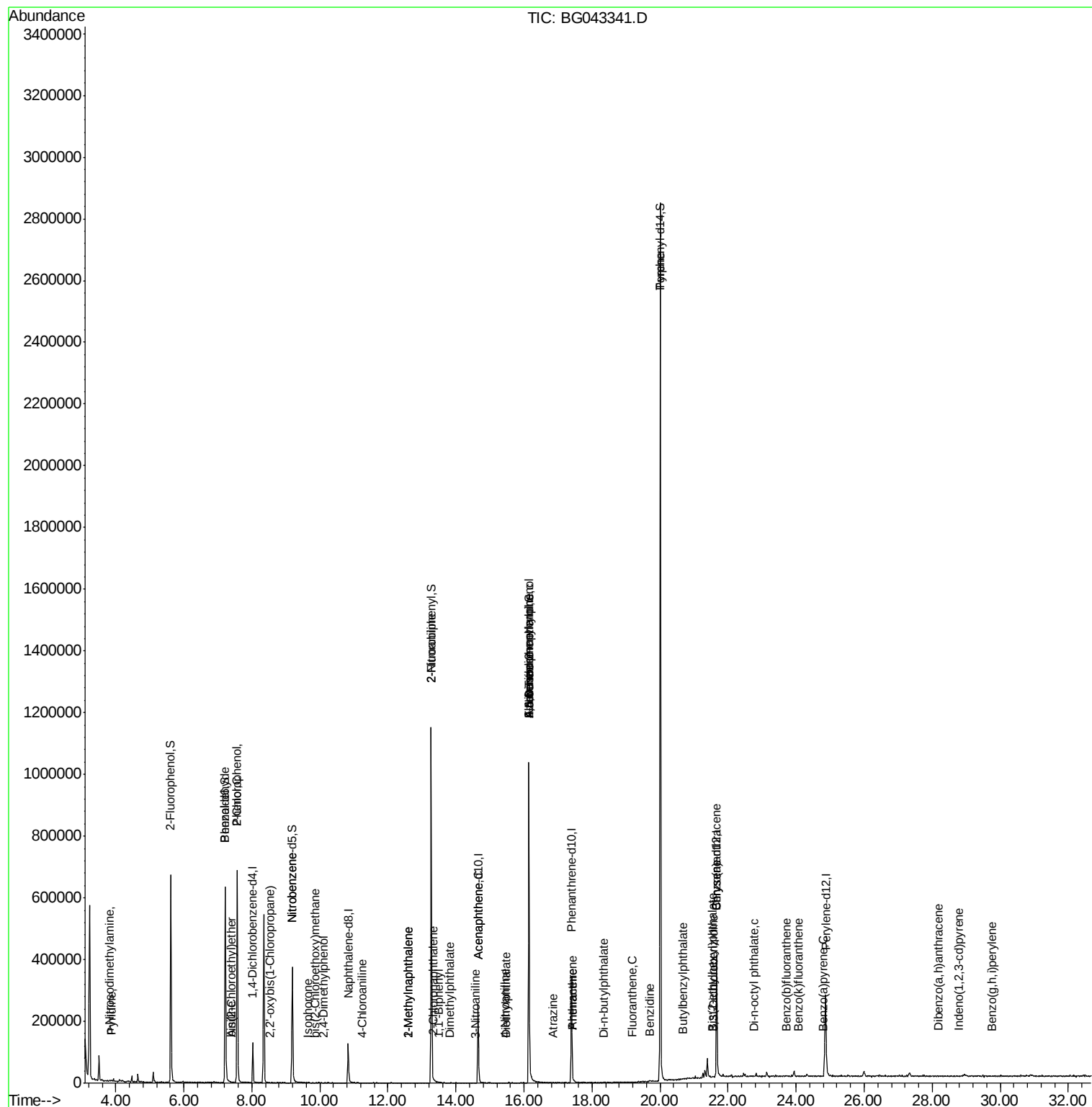
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
80) Butylbenzylphthalate	20.69	149	60	0.009	ng	#	1
81) Benzo(a)anthracene	21.66	228	671	0.039	ng	#	42
82) 3,3'-Dichlorobenzidine	21.58	252	206	0.031	ng	#	23
83) Chrysene	21.66	228	671	0.039	ng	#	40
84) Bis(2-ethylhexyl)phthalate	21.55	149	1194	0.130	ng	#	93
85) Di-n-octyl phthalate	22.76	149	59	0.004	ng	#	1
86) Indeno(1,2,3-cd)pyrene	28.78	276	53	0.002	ng	#	56
88) Benzo(b)fluoranthene	23.70	252	57	0.003	ng	#	60
89) Benzo(k)fluoranthene	24.07	252	65	0.004	ng	#	60
90) Benzo(a)pyrene	24.79	252	60	0.004	ng	#	61
91) Dibenzo(a,h)anthracene	28.19	278	60	0.003	ng	#	58
92) Benzo(a,h,i)perylene	29.76	276	135	0.008	ng	#	58

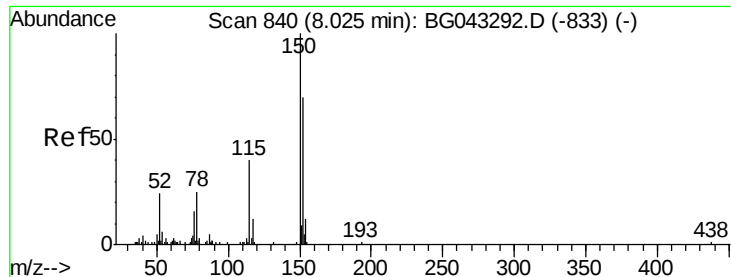
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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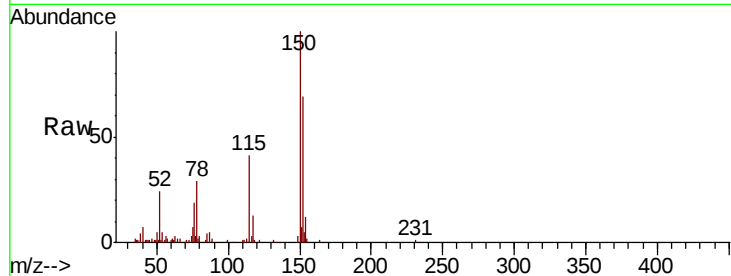


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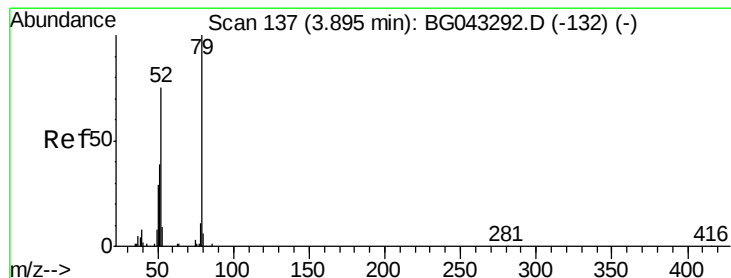
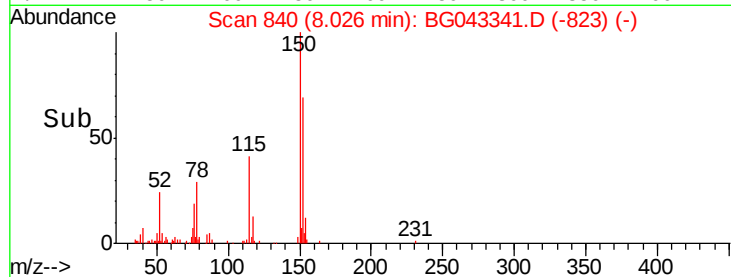
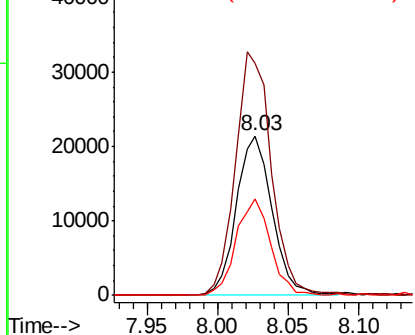
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.8	113.6	170.4
115	60.3	45.9	68.9



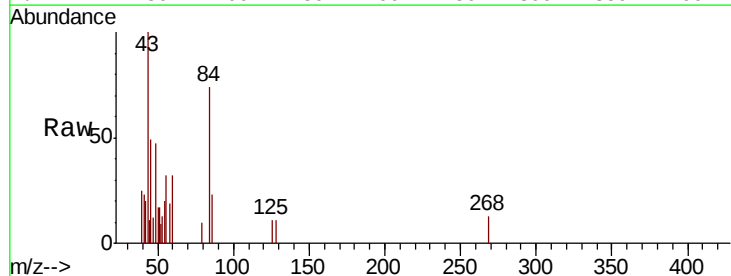
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



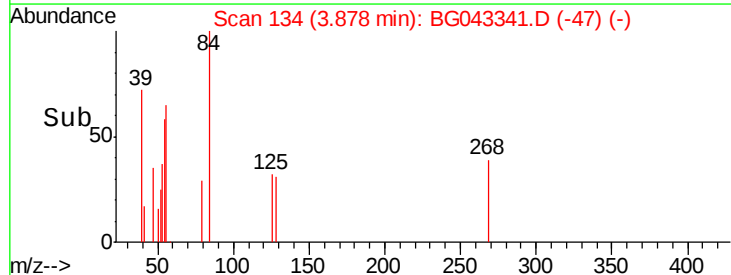
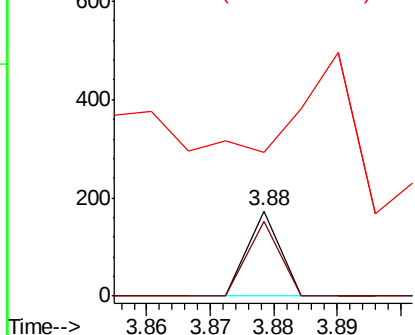
#3

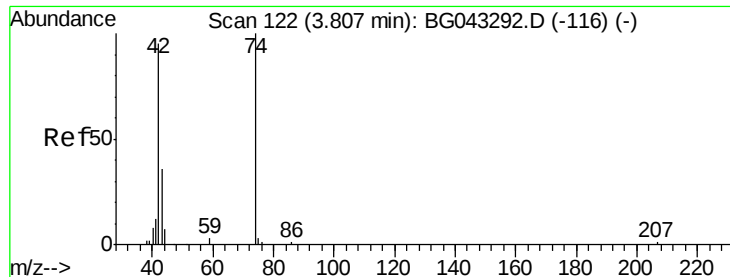
Pyridine
Concen: 0.030 ng
RT: 3.88 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.9	59.7	89.5
51	168.4	31.8	47.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



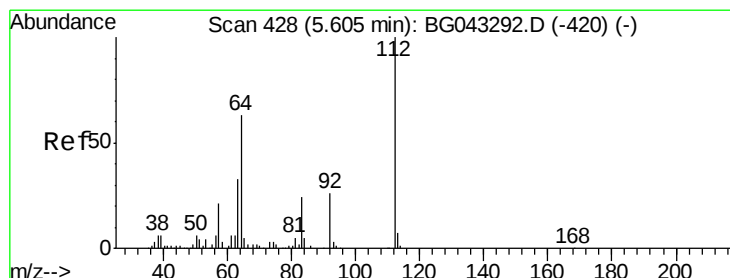
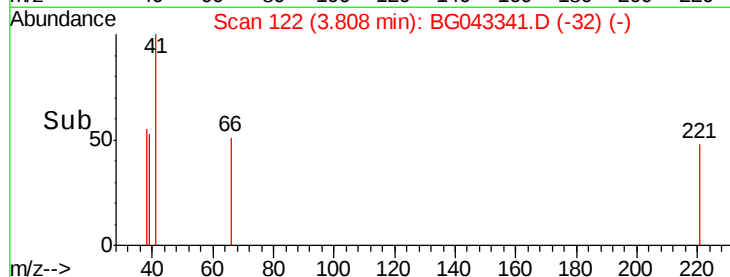
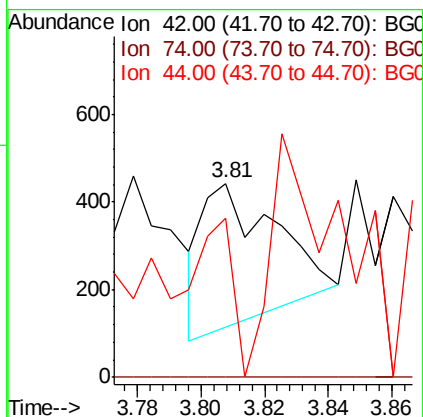
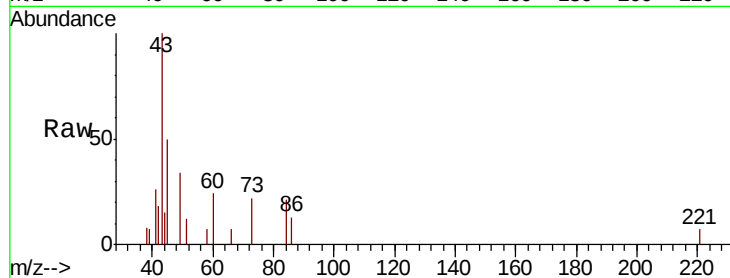


#4

n-Nitrosodimethylamine
 Concen: 0.504 ng
 RT: 3.81 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

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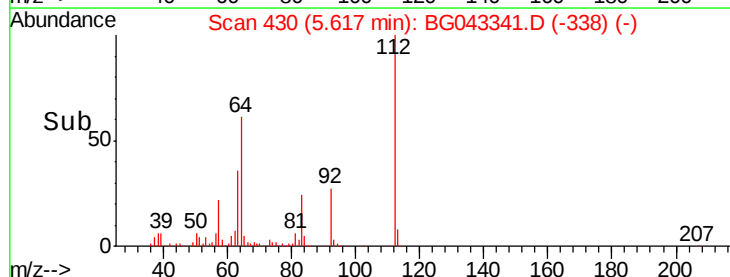
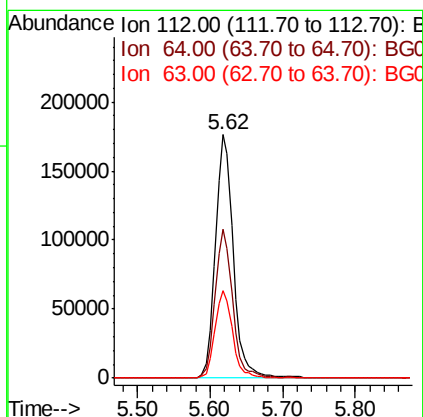
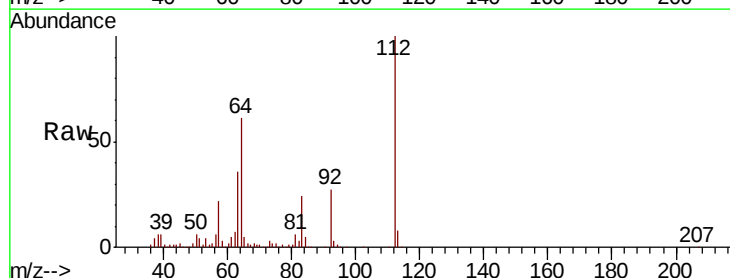
Tot Ion: 42 Resp: 519
 Ion Ratio Lower Upper
 42 100
 74 0.0 84.2 126.2#
 44 82.2 6.0 9.0#

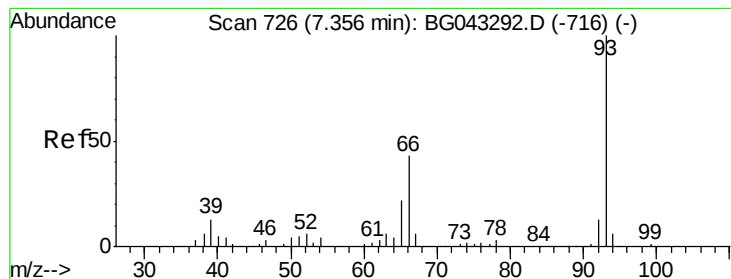


#5

2-Fluorophenol
 Concen: 146.307 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

Tgt Ion: 112 Resp: 303498
 Ion Ratio Lower Upper
 112 100
 64 61.0 50.2 75.2
 63 35.9 26.7 40.1





#6

Aniline

Concen: 0.019 ng

RT: 7.40 min Scan# 733

Delta R.T. 0.04 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

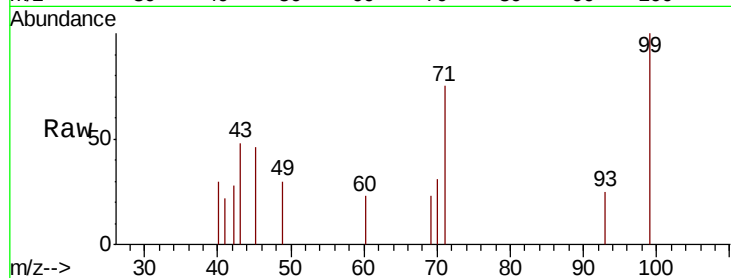
Tot Ion: 93 Resp: 67

Ion Ratio Lower Upper

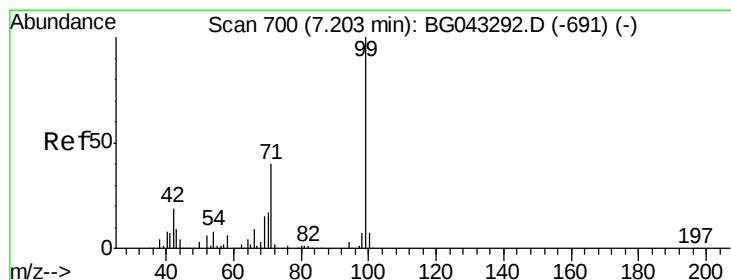
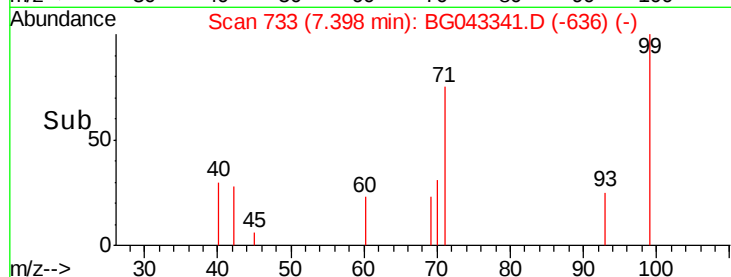
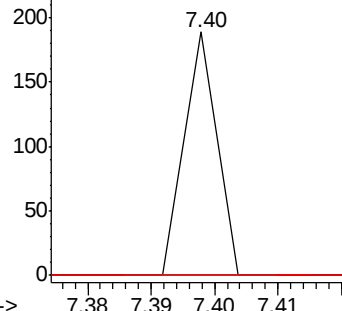
93 100

66 0.0 34.5 51.7#

65 0.0 18.0 27.0#



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: 136.312 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

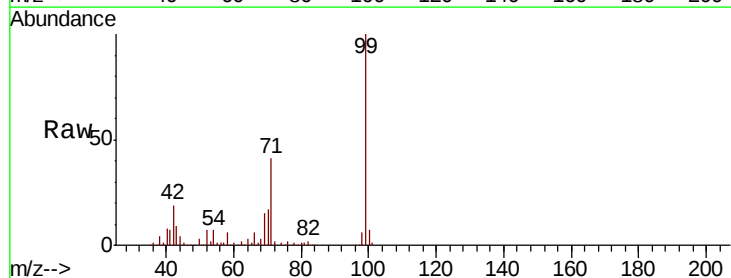
Tgt Ion: 99 Resp: 406829

Ion Ratio Lower Upper

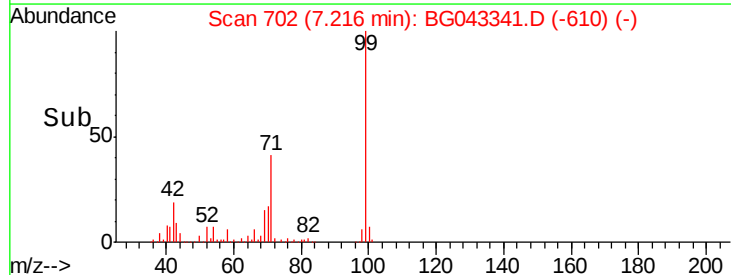
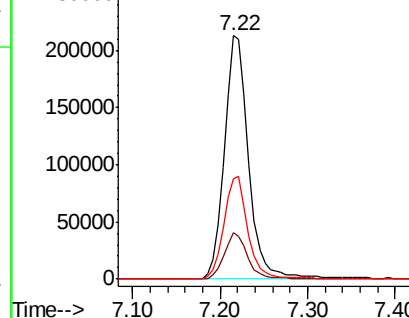
99 100

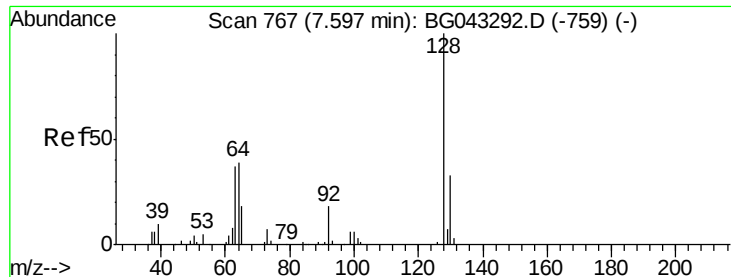
42 19.3 14.9 22.3

71 41.2 32.2 48.2



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





#8

2-Chlorophenol

Concen: 0.027 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

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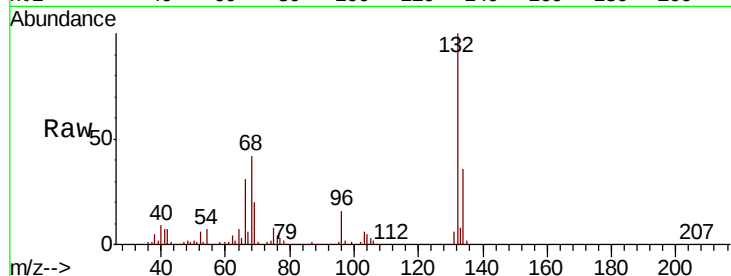
Tot Ion:128 Resp: 61

Ion Ratio Lower Upper

128 100

130 229.9 12.9 52.9#

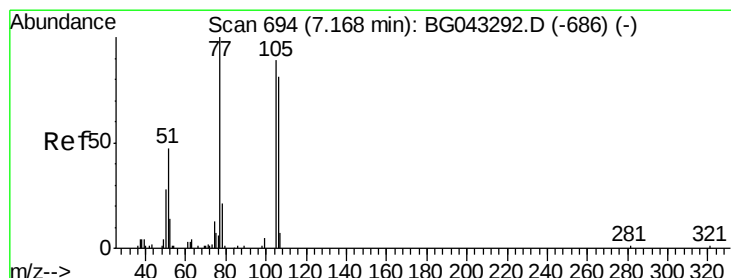
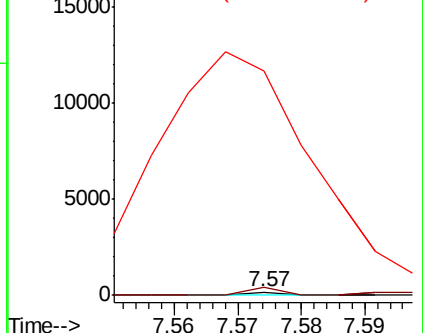
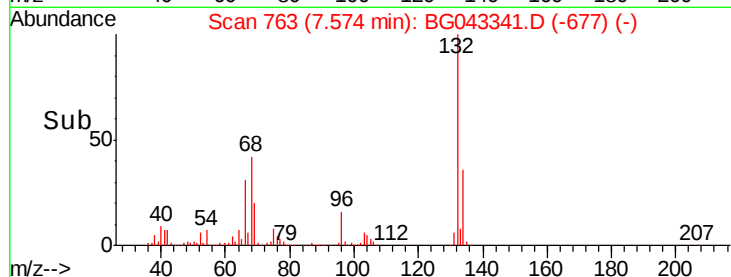
64 6725.9 24.9 64.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 0.614 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.05 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

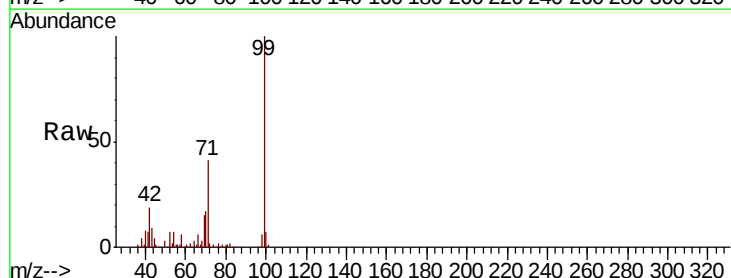
Tgt Ion: 77 Resp: 900

Ion Ratio Lower Upper

77 100

105 0.0 68.7 108.7#

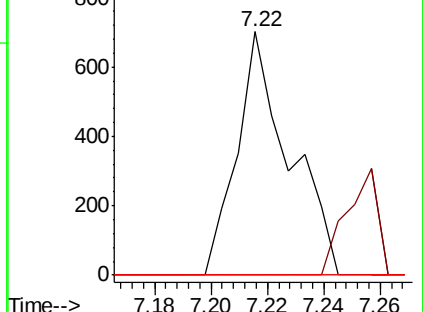
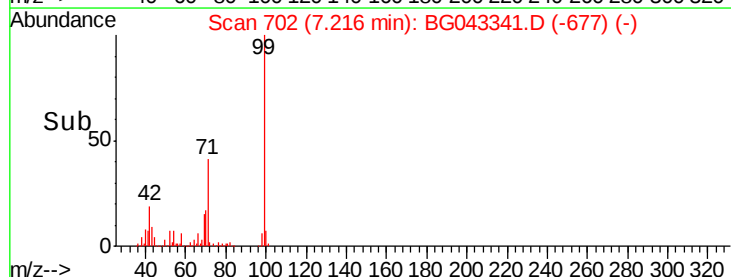
106 0.0 60.5 100.5#

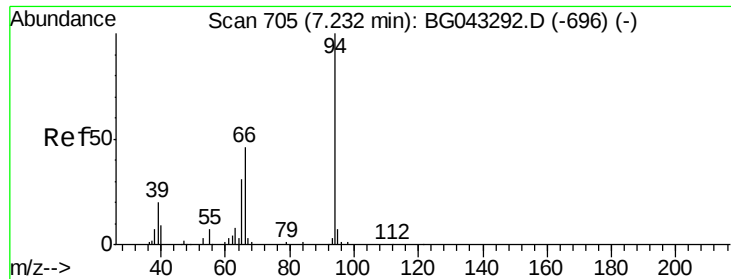


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.378 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.34 min

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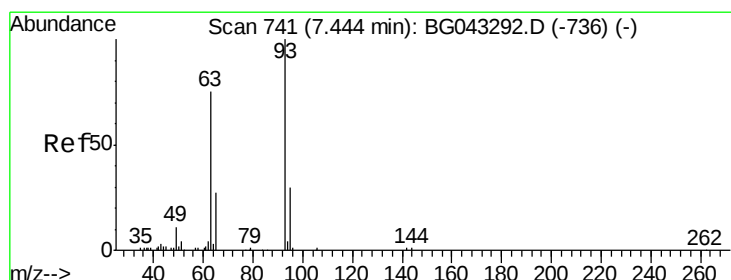
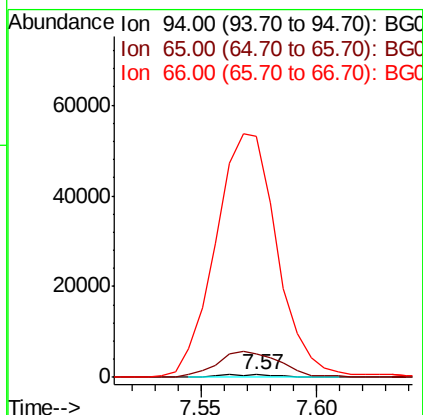
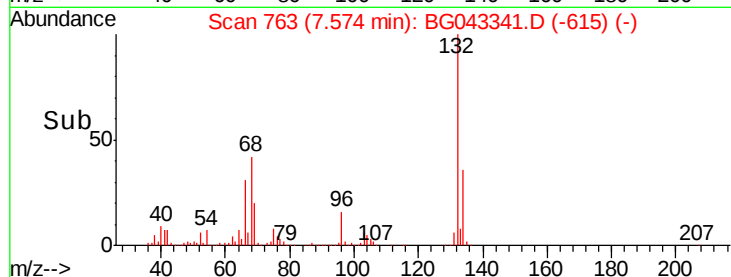
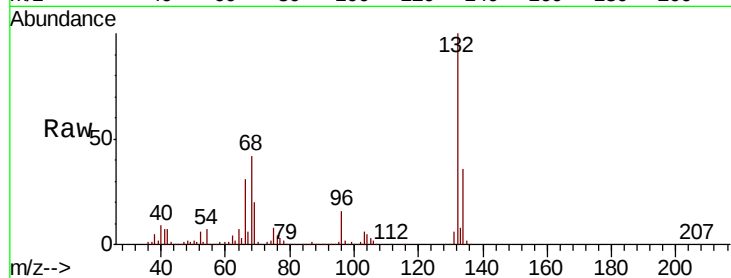
Tot Ion: 94 Resp: 1030

Ion Ratio Lower Upper

94 100

65 829.8 11.1 51.1#

66 8679.5 27.8 67.8#



#11

bis(2-Chloroethyl)ether

Concen: 0.032 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.05 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

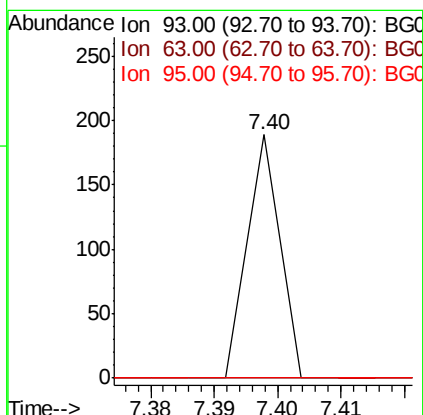
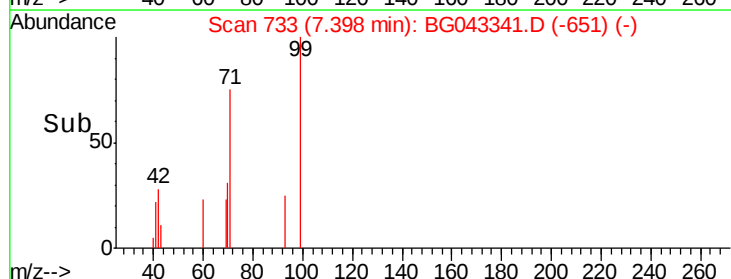
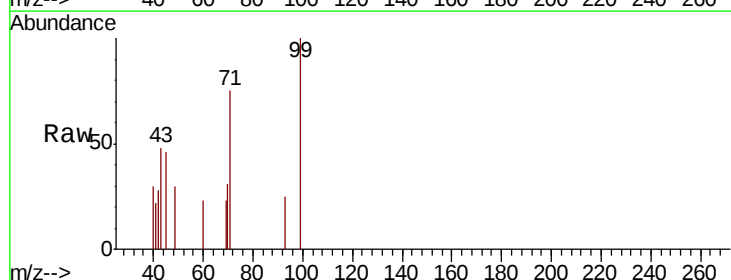
Tgt Ion: 93 Resp: 67

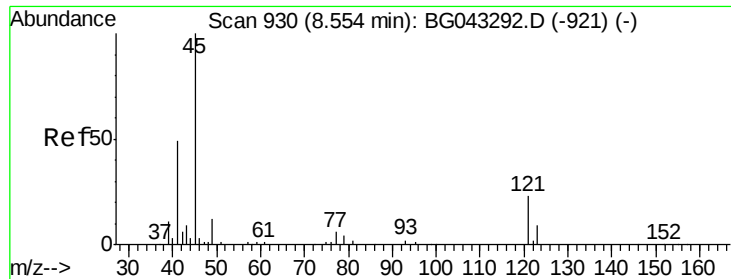
Ion Ratio Lower Upper

93 100

63 0.0 54.6 94.6#

95 0.0 9.7 49.7#





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 0.099 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

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ClientSampleId :

PB124157BL

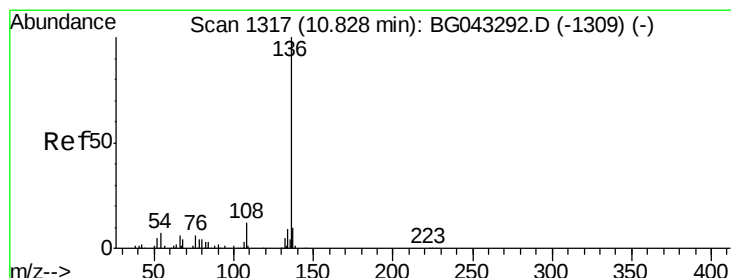
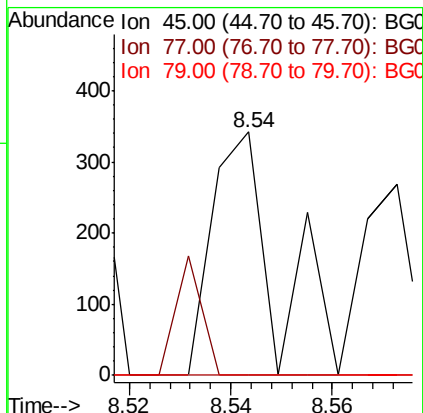
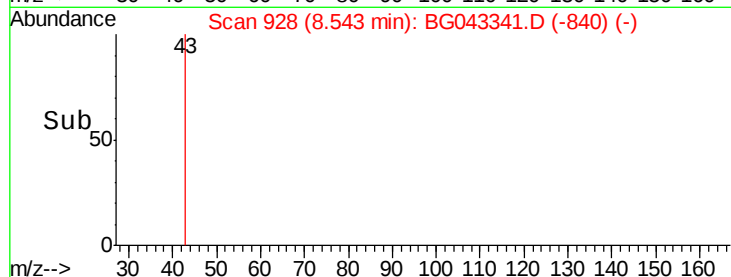
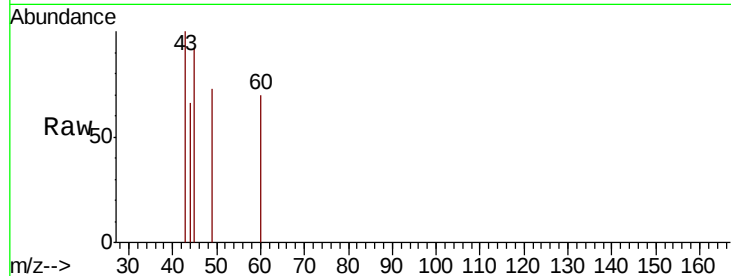
Tot Ion: 45 Resp: 305

Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.2

79 0.0 0.0 32.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Tgt Ion:136 Resp: 129000

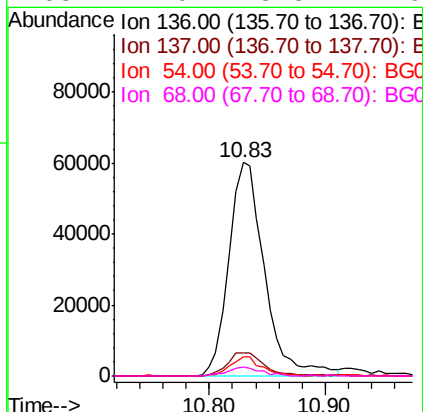
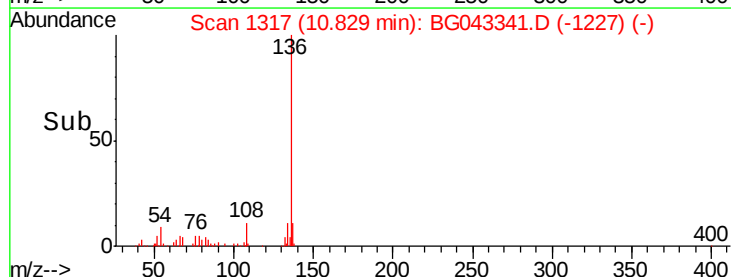
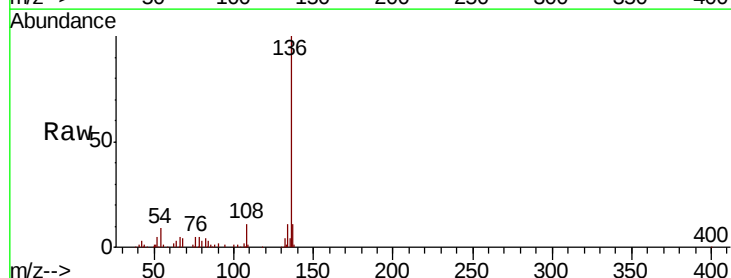
Ion Ratio Lower Upper

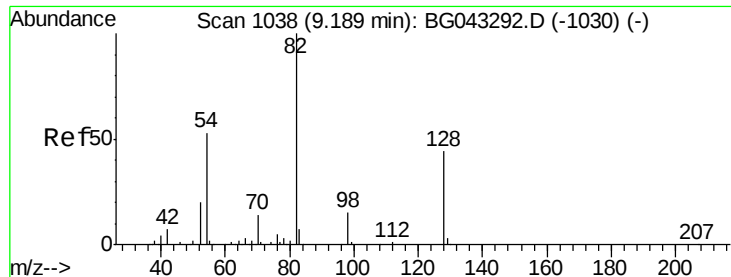
136 100

137 10.8 8.2 12.2

54 8.8 5.4 8.2#

68 4.0 3.3 4.9

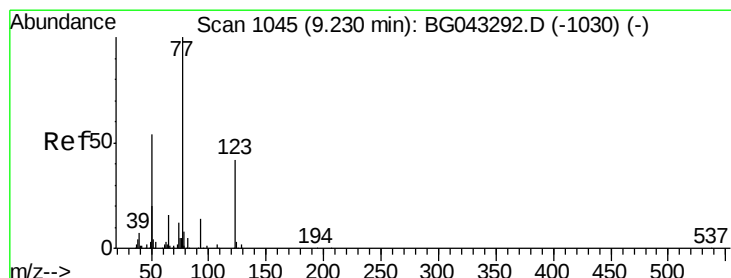
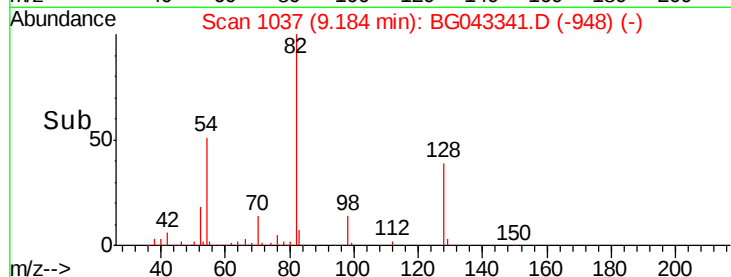
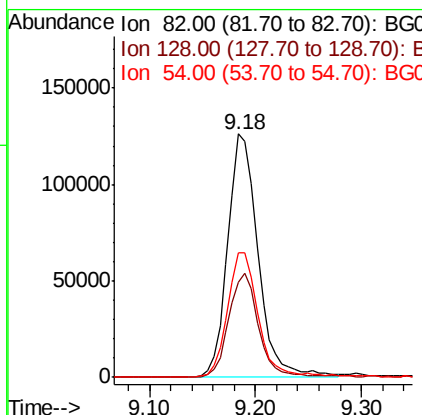
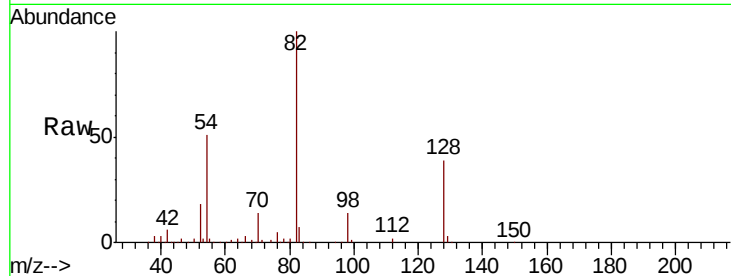




#23
 Nitrobenzene-d5
 Concen: 100.610 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

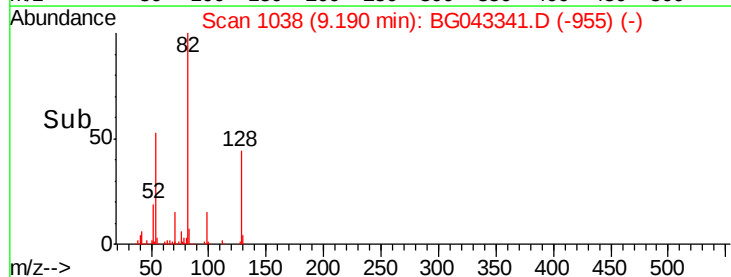
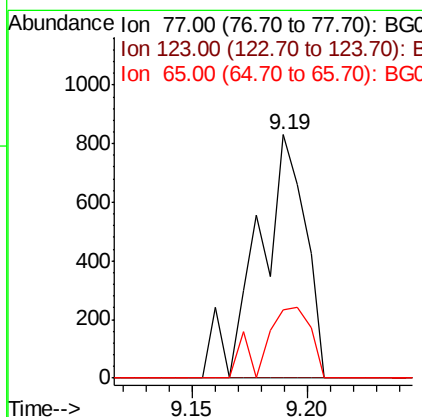
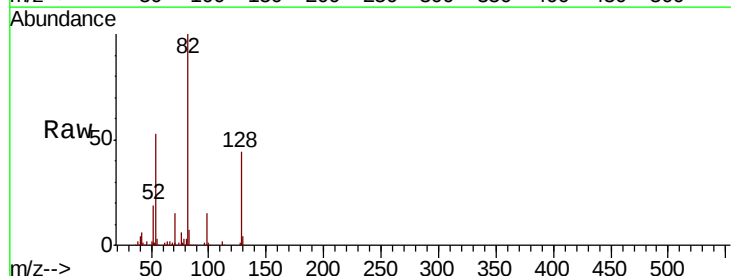
Instrument :
 BNA_G
 ClientSampleId :
 PB124157BL

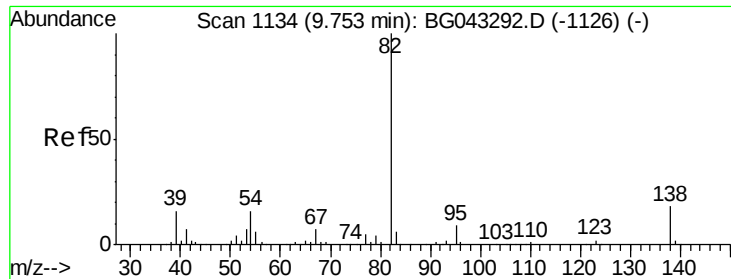
Tot Ion	82	Resp	251748
Ion Ratio	Lower	Upper	
82	100		
128	38.8	35.3	52.9
54	51.1	42.3	63.5



#24
 Nitrobenzene
 Concen: 0.496 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.04 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

Tgt Ion	77	Resp	1183
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.8	50.8#
65	28.2	13.0	19.4#





#25

Isophorone

Concen: 0.130 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.12 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

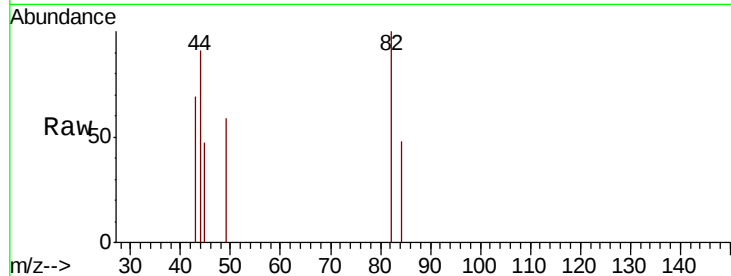
Tot Ion: 82 Resp: 593

Ion Ratio Lower Upper

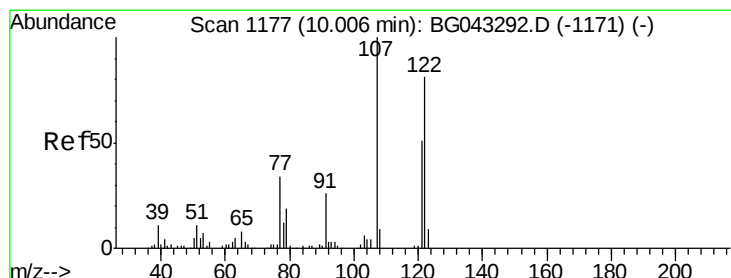
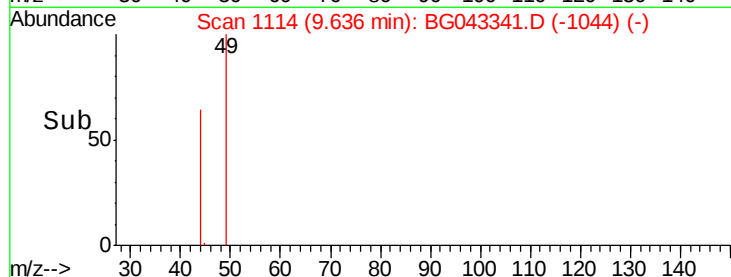
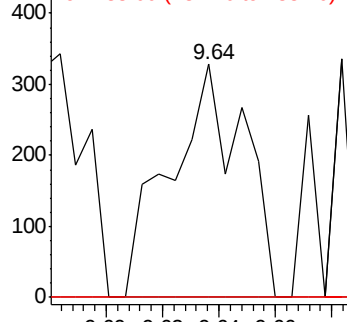
82 100

95 0.0 6.9 10.3#

138 0.0 14.2 21.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#27

2,4-Dimethylphenol

Concen: 0.033 ng

RT: 10.11 min Scan# 1195

Delta R.T. 0.11 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

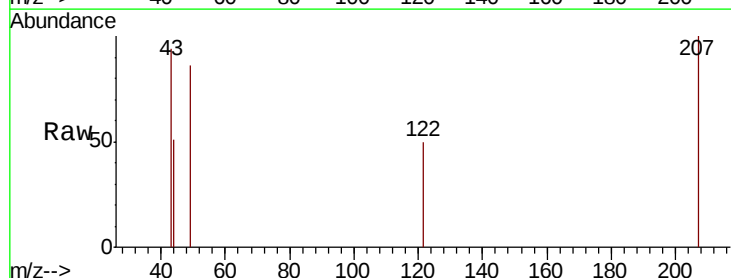
Tgt Ion: 122 Resp: 55

Ion Ratio Lower Upper

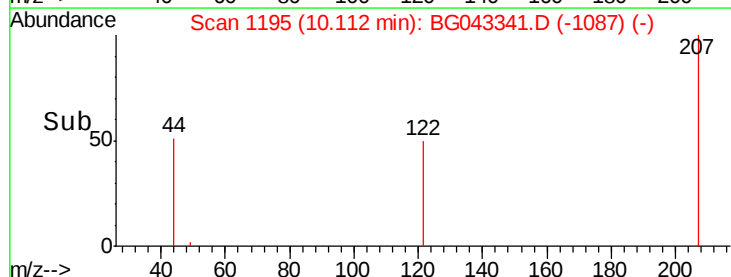
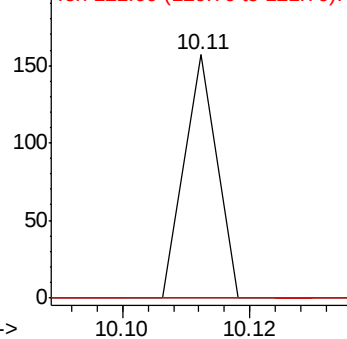
122 100

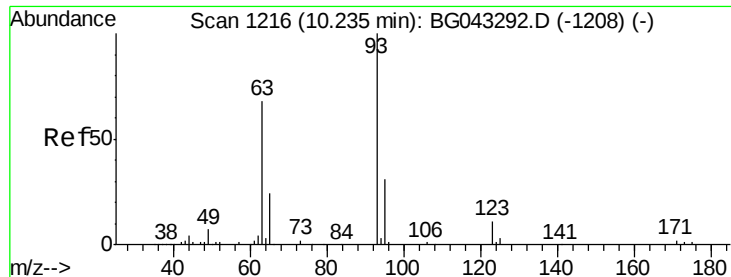
107 0.0 98.6 147.8#

121 100.0 50.1 75.1#



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

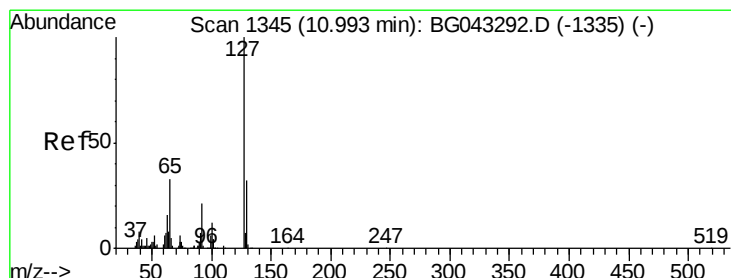
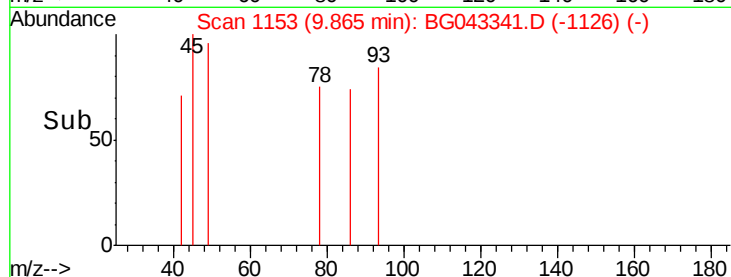
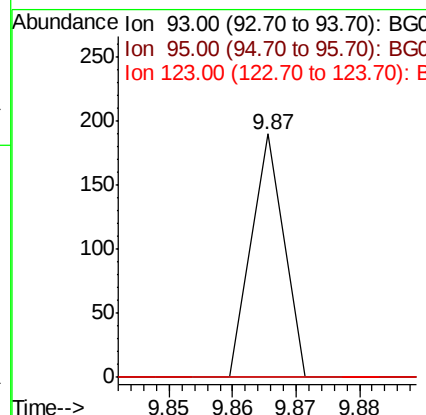
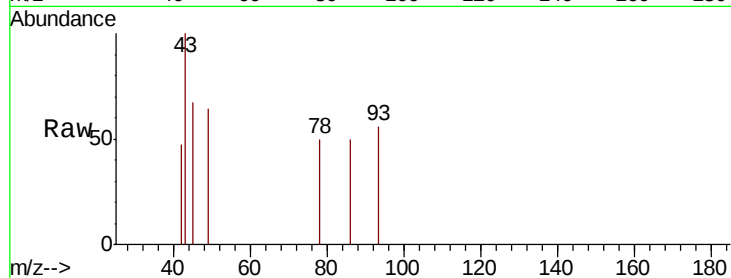




#28
bis(2-Chloroethoxy)methane
Concen: 0.027 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.37 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

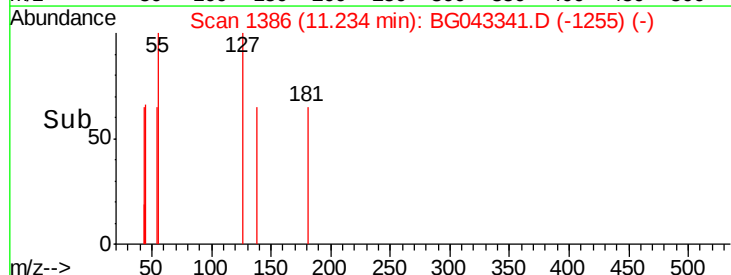
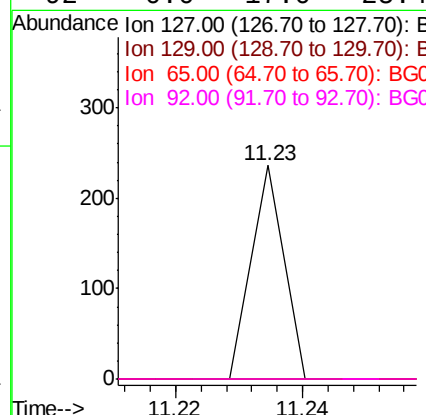
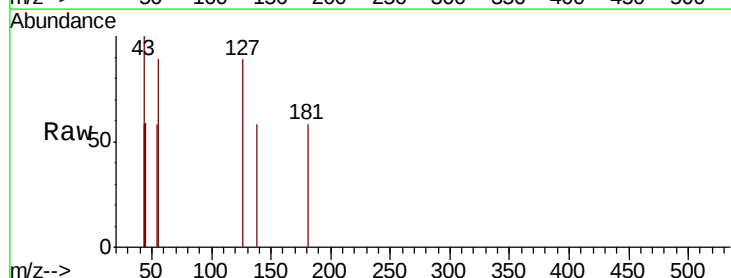
Instrument :
BNA_G
ClientSampleId :
PB124157BL

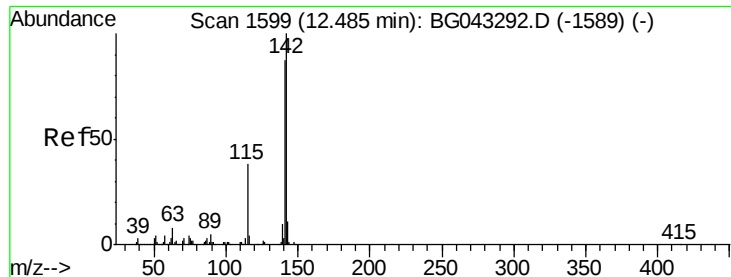
Tot Ion: 93 Resp: 67
Ion Ratio Lower Upper
93 100
95 0.0 24.9 37.3#
123 0.0 8.9 13.3#



#33
4-Chloroaniline
Concen: 0.031 ng
RT: 11.23 min Scan# 1386
Delta R.T. 0.24 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 127 Resp: 83
Ion Ratio Lower Upper
127 100
129 0.0 25.8 38.8#
65 0.0 26.2 39.2#
92 0.0 17.0 25.4#

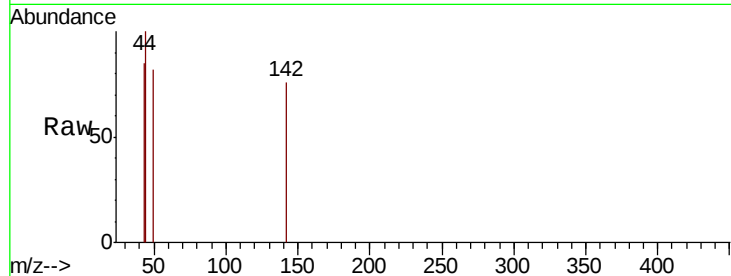




#37
 2-Methylnaphthalene
 Concen: 0.011 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. 0.09 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

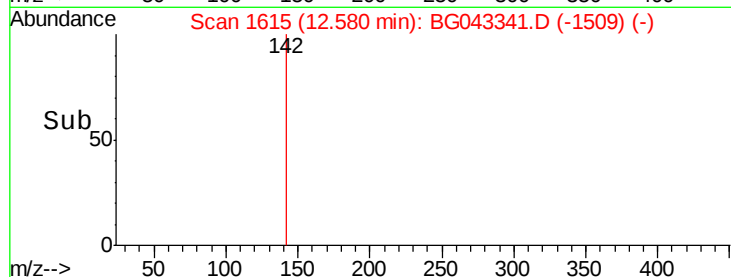
Instrument :
 BNA_G
 ClientSampleId :
 PB124157BL

Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	69.7	104.5#
115	0.0	30.6	46.0#

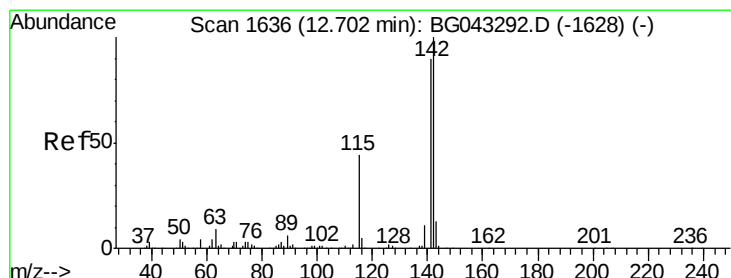


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

12.58

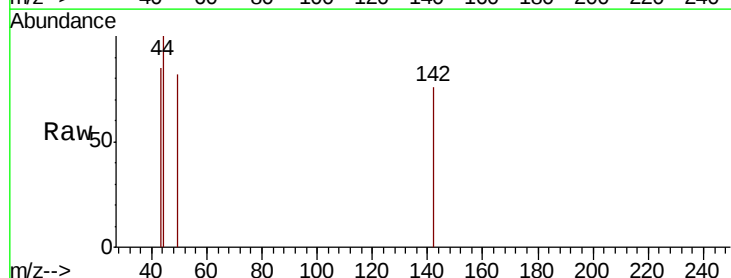


Time--> 12.56 12.58



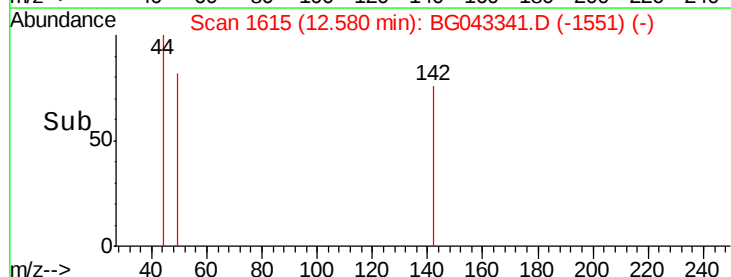
#38
 1-Methylnaphthalene
 Concen: 0.012 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.12 min
 Lab File: BG043341.D
 Acq: 25 Oct 2019 16:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.3	108.5#
116	0.0	3.8	5.6#

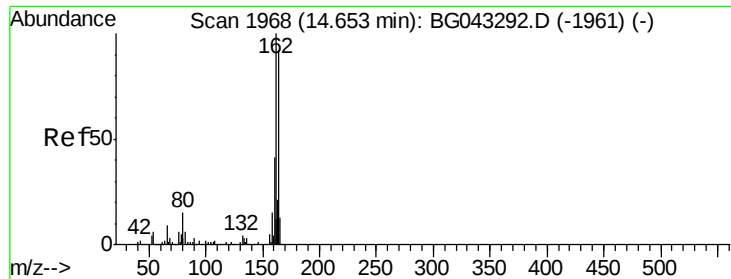


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

12.58



Time--> 12.56 12.58



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

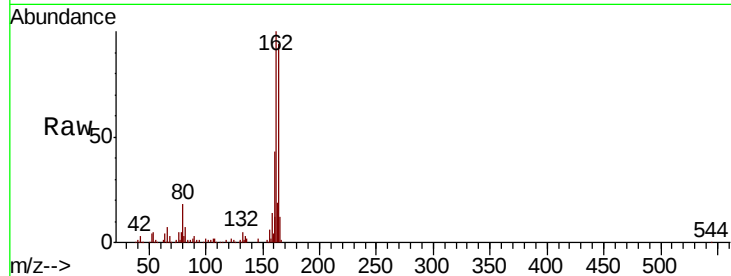
Tot Ion:164 Resp: 99381

Ion Ratio Lower Upper

164 100

162 106.7 87.0 130.4

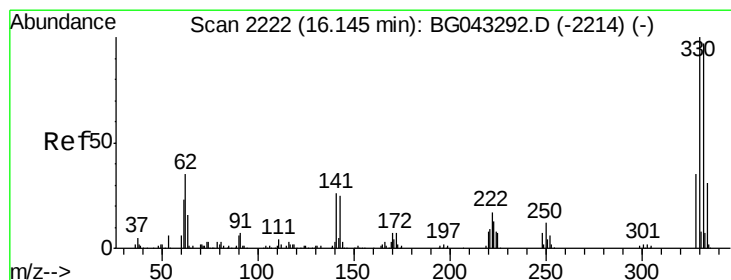
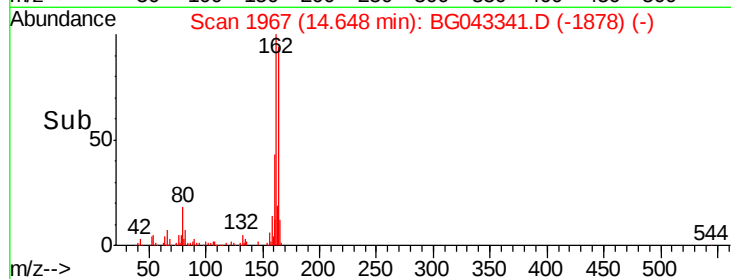
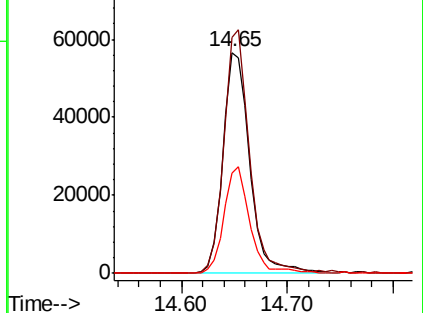
160 45.7 35.5 53.3



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: 145.386 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

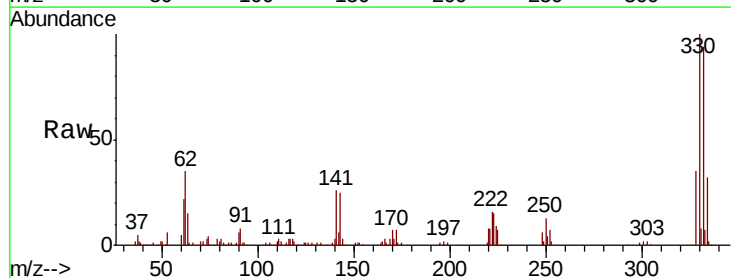
Tgt Ion:330 Resp: 274957

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

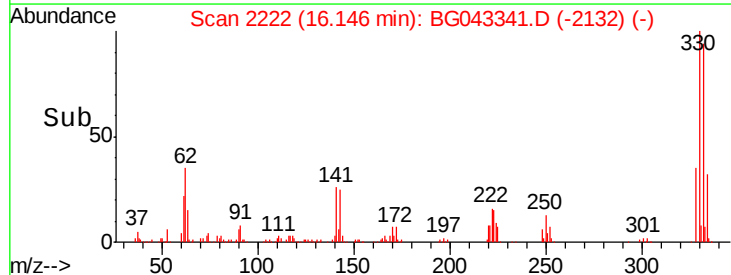
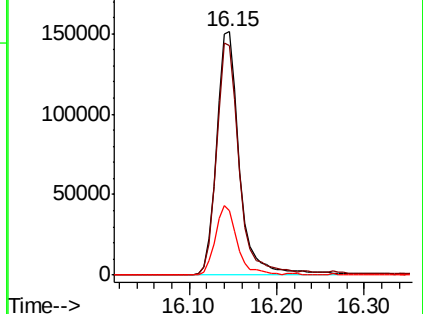
141 27.3 21.4 32.0

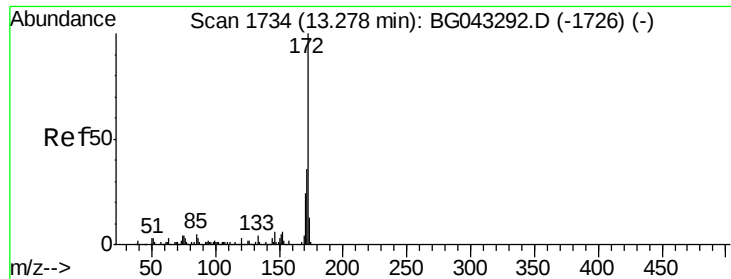


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

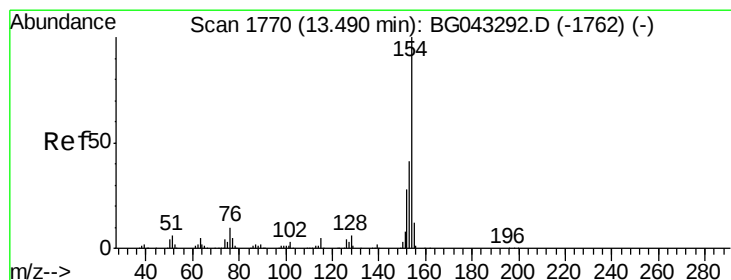
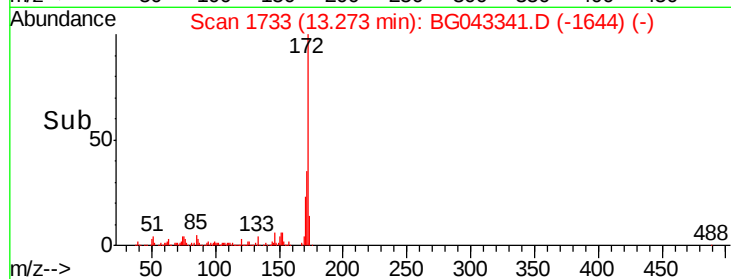
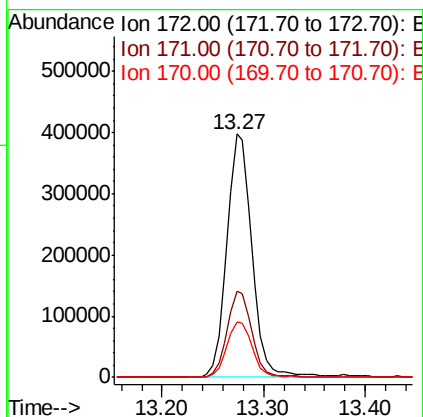
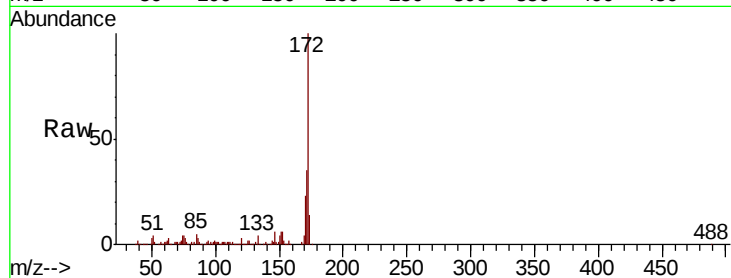




#45
2-Fluorobiphenyl
Concen: 94.914 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

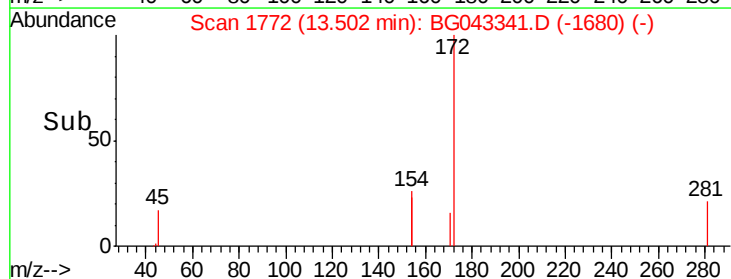
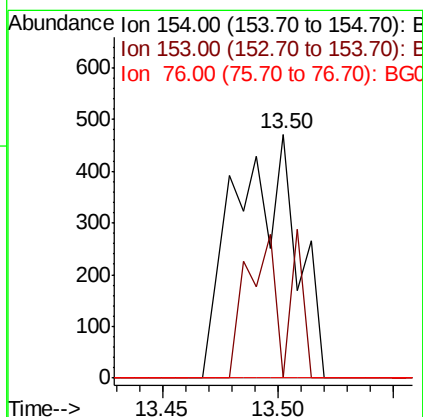
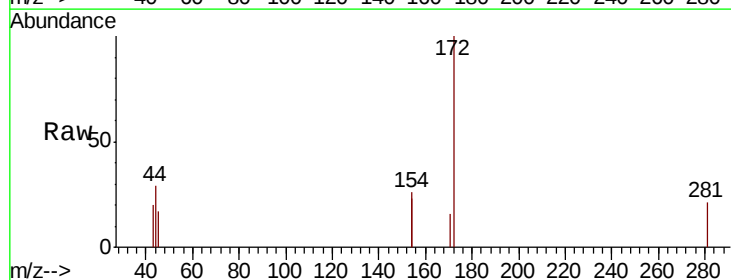
Instrument :
BNA_G
ClientSampleId :
PB124157BL

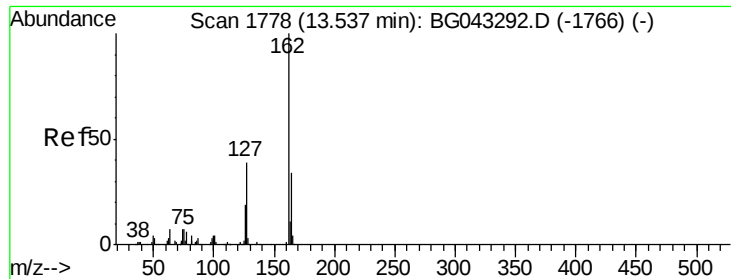
Tot Ion:172 Resp: 682631
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 0.116 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:154 Resp: 876
Ion Ratio Lower Upper
154 100
153 0.0 21.0 61.0#
76 0.0 0.0 29.8

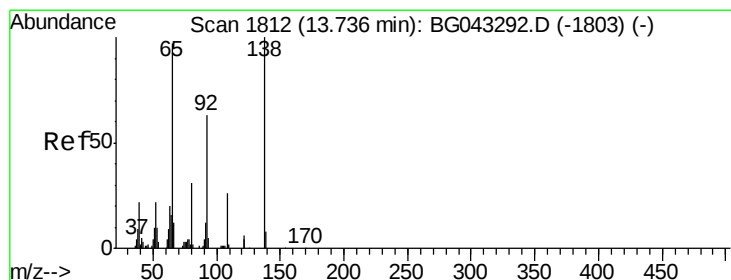
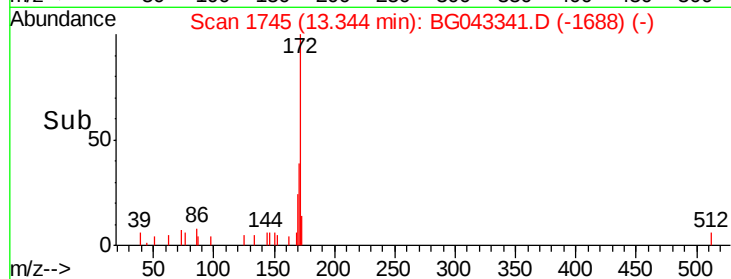
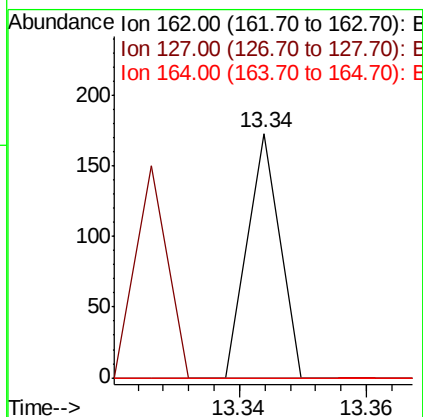
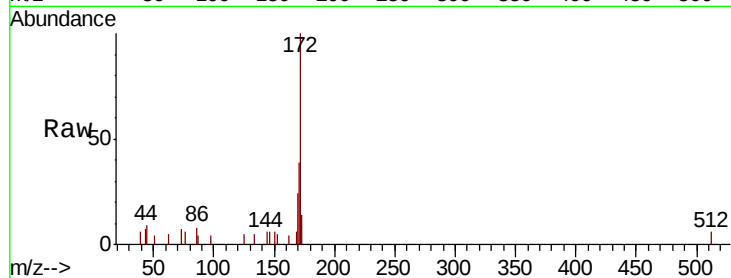




#47
2-Chloronaphthalene
Concen: 0.011 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.19 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

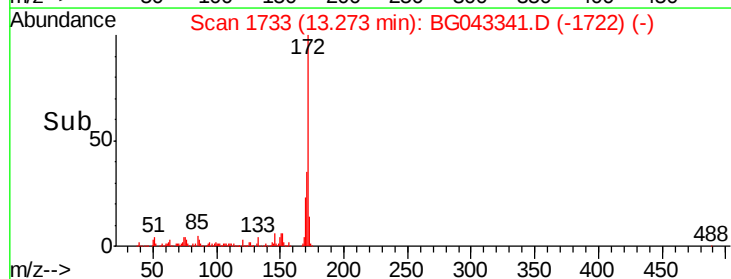
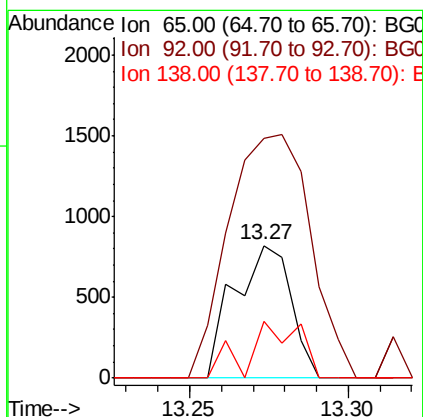
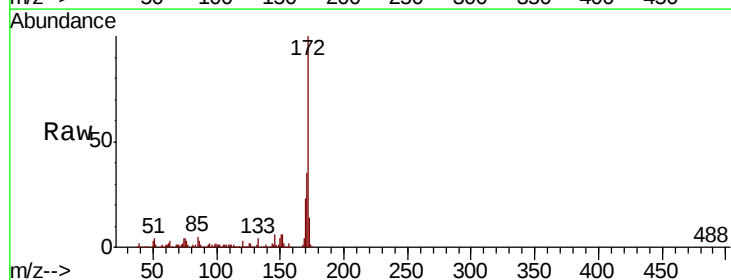
Instrument :
BNA_G
ClientSampleId :
PB124157BL

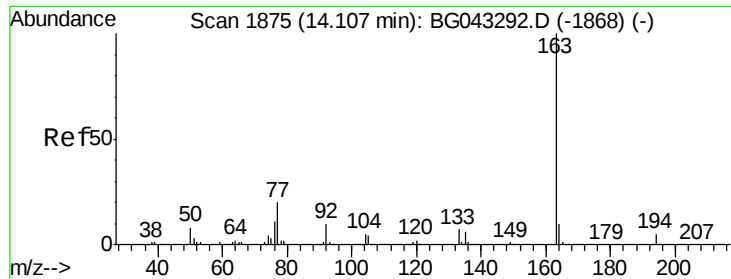
Tot Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.3	46.9#
164	0.0	26.8	40.2#



#48
2-Nitroaniline
Concen: 0.594 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.46 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	181.2	52.6	79.0#
138	42.7	82.9	124.3#





#50

Dimethylphthalate

Concen: 0.008 ng

RT: 13.82 min Scan# 1826

Delta R.T. -0.29 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

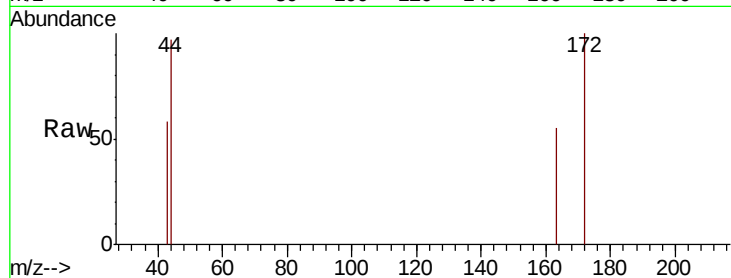
Tot Ion:163 Resp: 61

Ion Ratio Lower Upper

163 100

194 0.0 3.7 5.5#

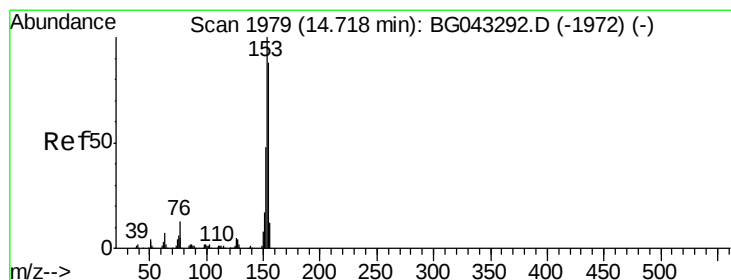
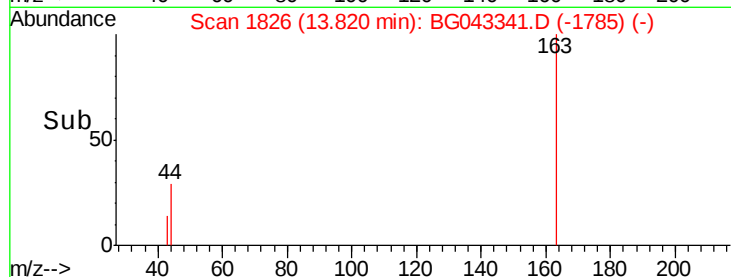
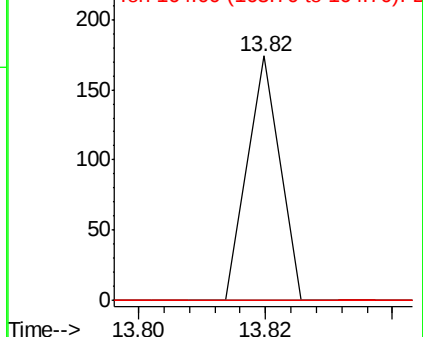
164 0.0 8.1 12.1#



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



#52

Acenaphthene

Concen: 0.053 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.07 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

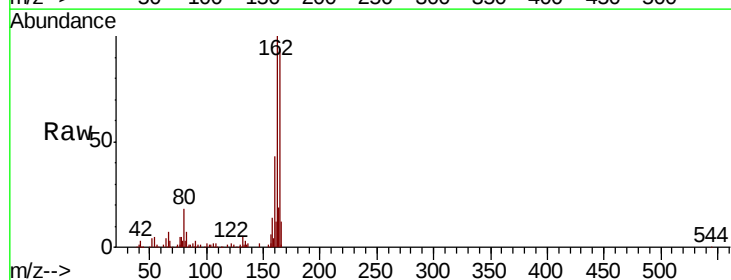
Tgt Ion:154 Resp: 288

Ion Ratio Lower Upper

154 100

153 0.0 90.9 136.3#

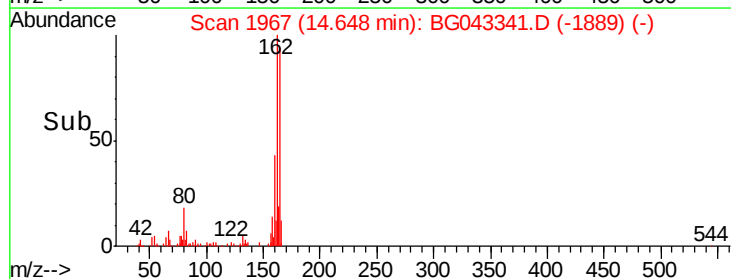
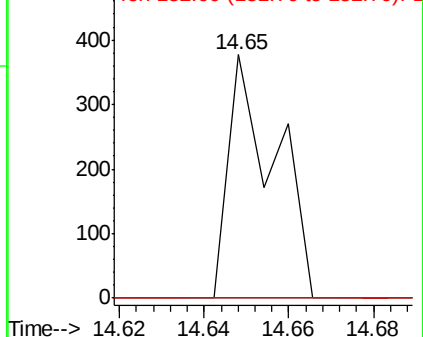
152 0.0 43.9 65.9#

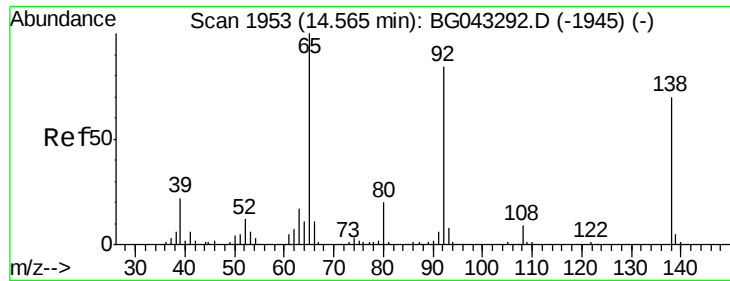


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.035 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.02 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

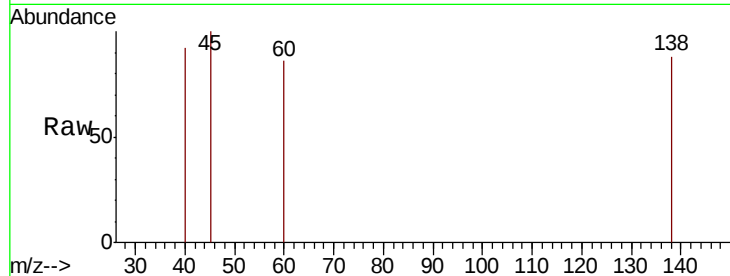
Tot Ion:138 Resp: 56

Ion Ratio Lower Upper

138 100

108 0.0 9.8 14.6#

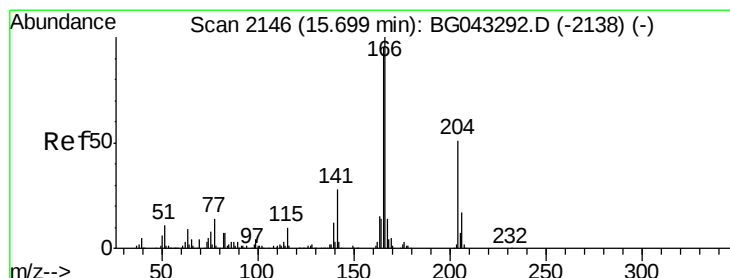
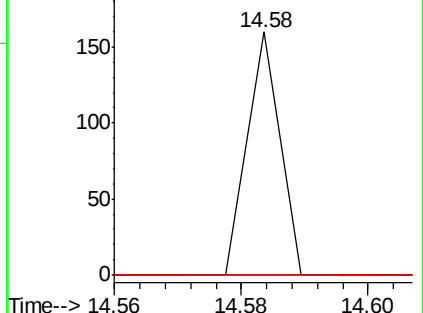
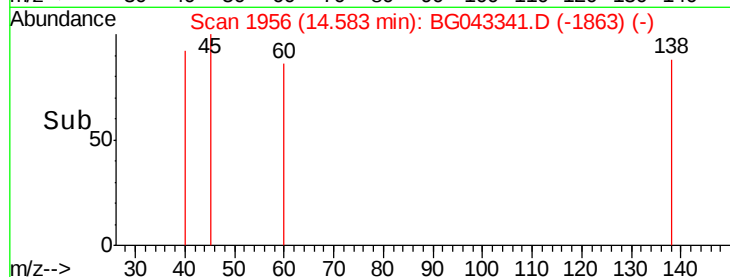
92 0.0 95.8 143.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#58

Fluorene

Concen: 1.004 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.44 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

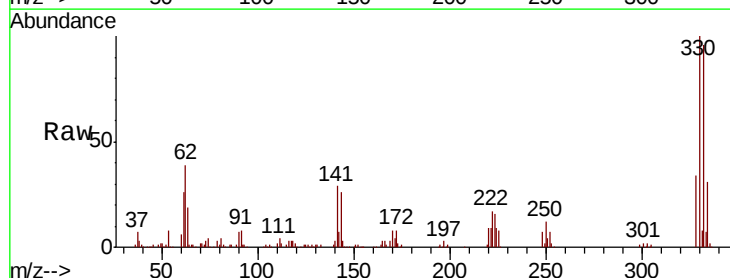
Tgt Ion:166 Resp: 7457

Ion Ratio Lower Upper

166 100

165 110.2 76.4 114.6

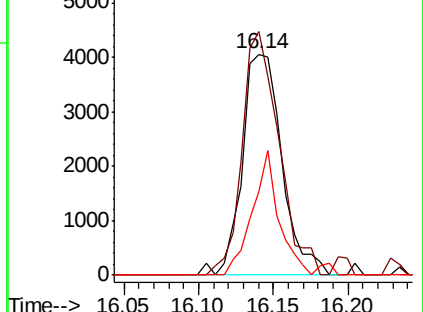
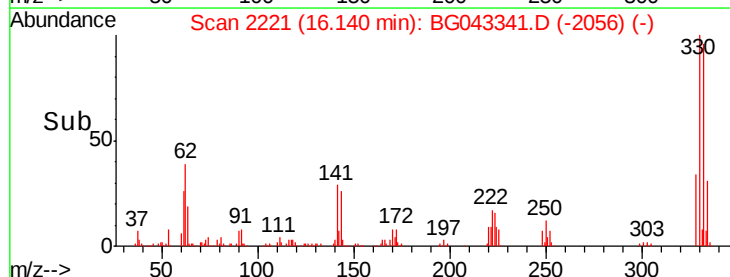
167 38.1 11.1 16.7#

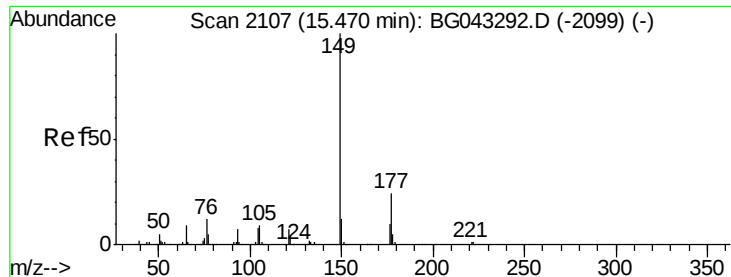


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

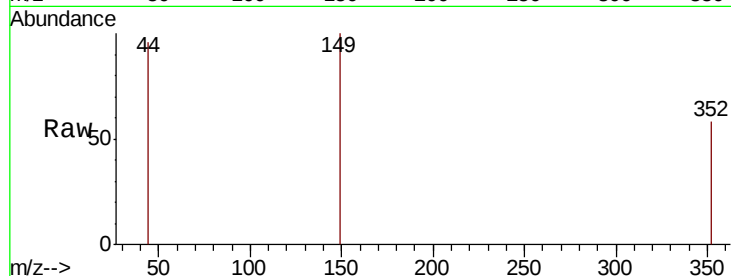




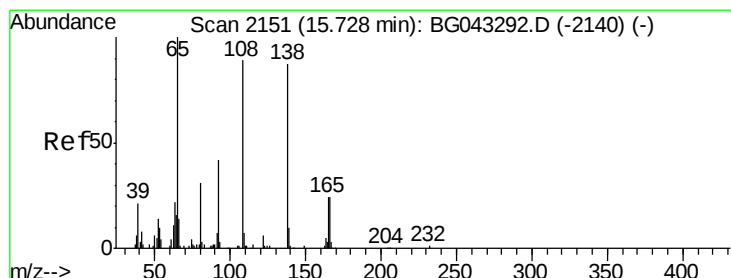
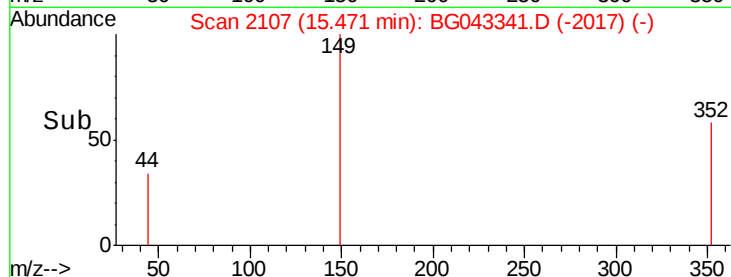
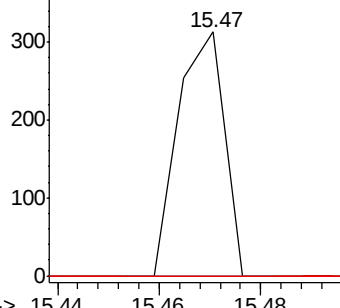
#60
Diethylphthalate
Concen: 0.026 ng
RT: 15.47 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tot Ion:149 Resp: 200
Ion Ratio Lower Upper
149 100
177 0.0 19.0 28.4#
150 0.0 9.4 14.0#

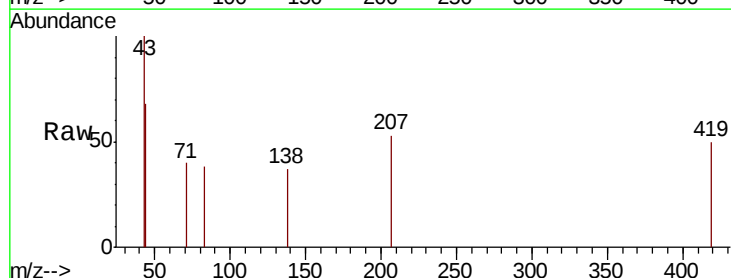


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

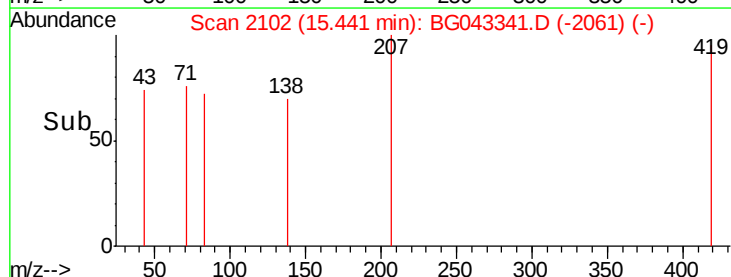
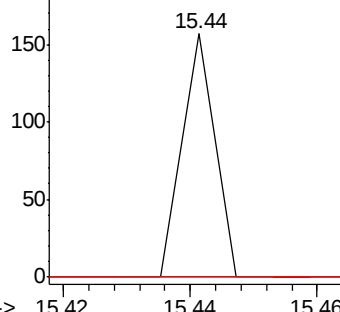


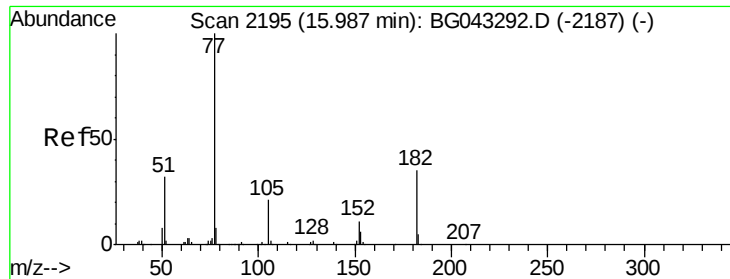
#62
4-Nitroaniline
Concen: 0.033 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.29 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 0.0 28.8 68.8#
108 0.0 82.7 122.7#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

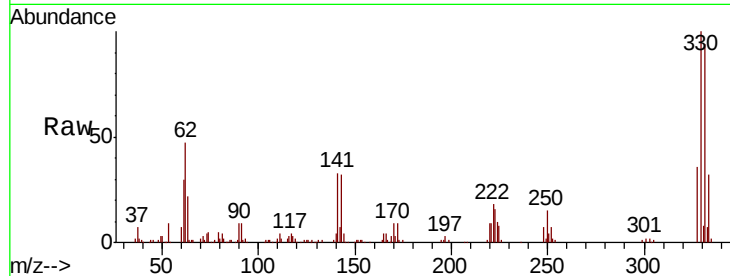




#63
Azobenzene
Concen: 0.170 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.15 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tot Ion	Ratio	Lower	Upper
77	100		
182	0.0	14.9	54.9#
105	89.8	0.6	40.6#
51	29.7	12.5	52.5



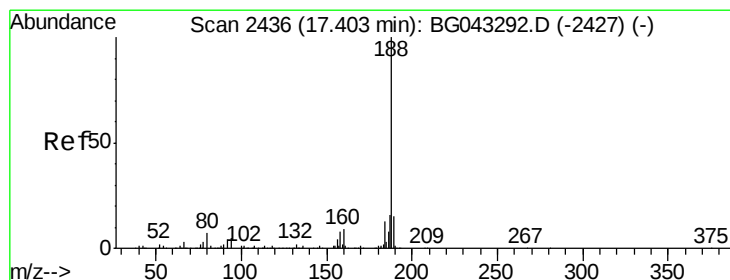
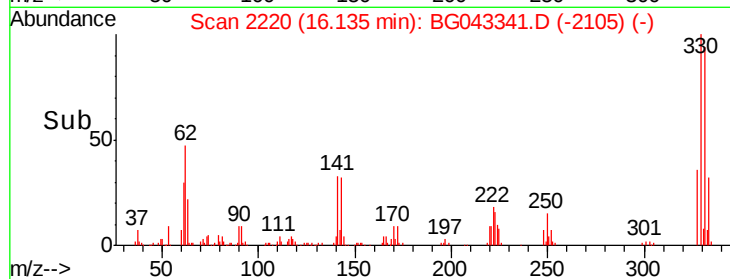
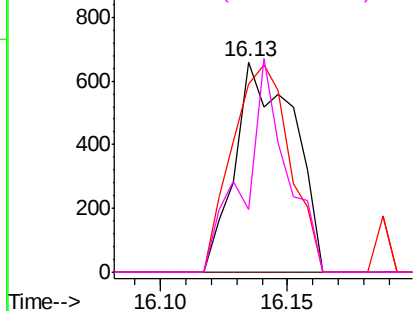
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

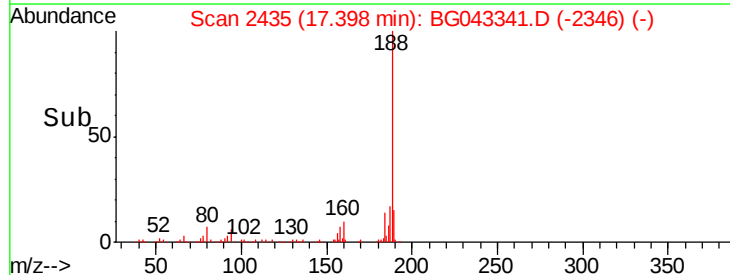
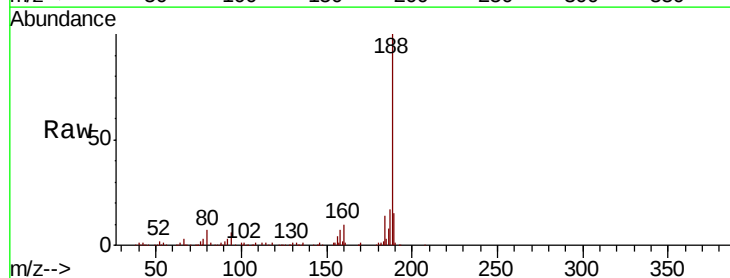
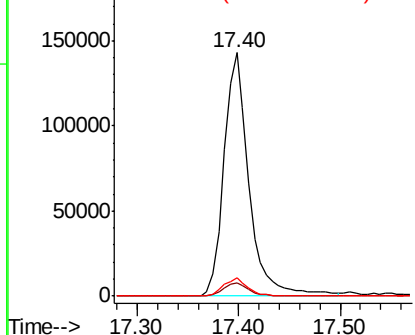
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	7.4	5.2	7.8

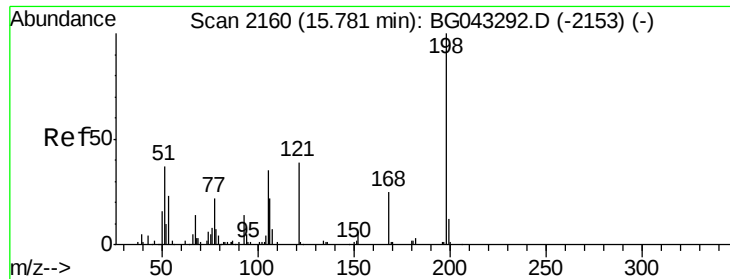
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.36 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

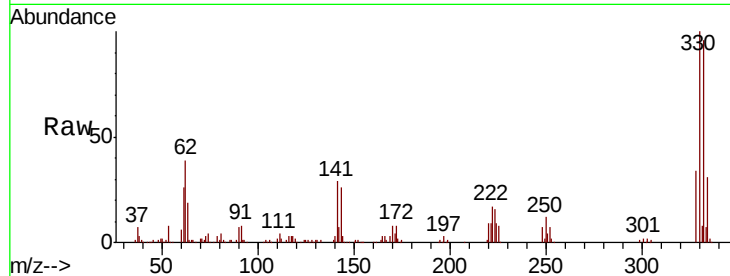
Tot Ion:198 Resp: 258

Ion Ratio Lower Upper

198 100

51 126.2 21.4 61.4#

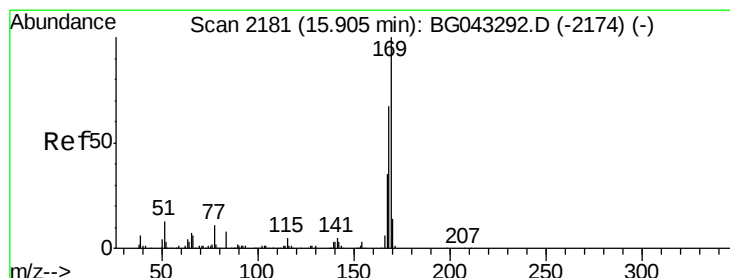
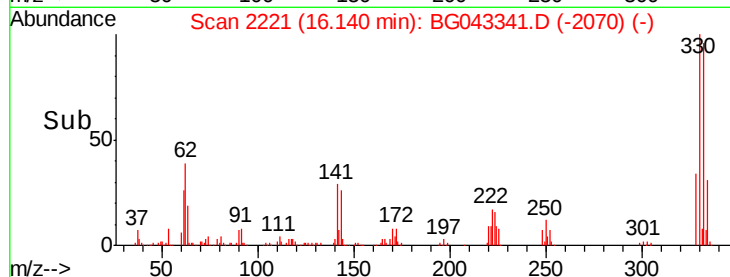
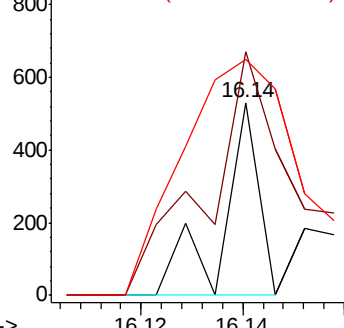
105 122.4 16.5 56.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1.048 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.24 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

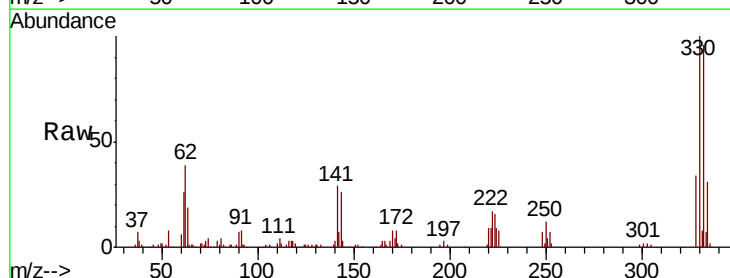
Tgt Ion:169 Resp: 7246

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

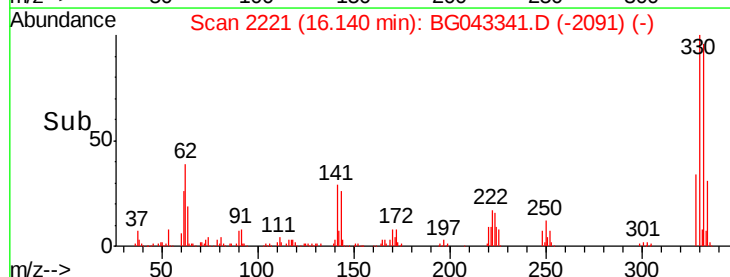
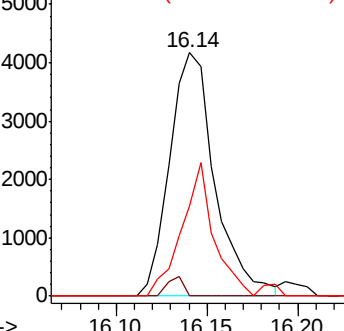
167 37.0 28.3 42.5

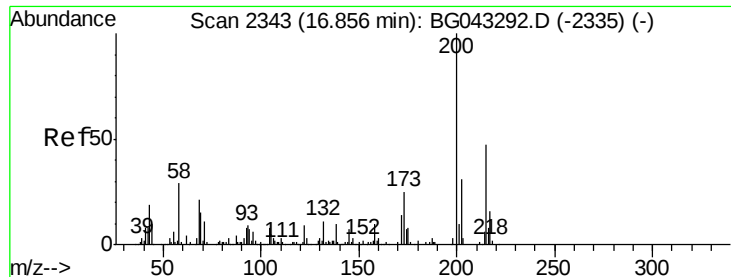


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

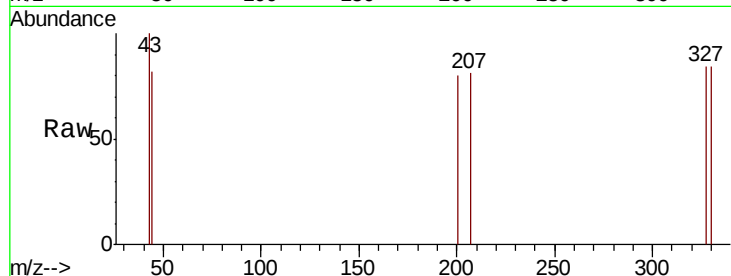




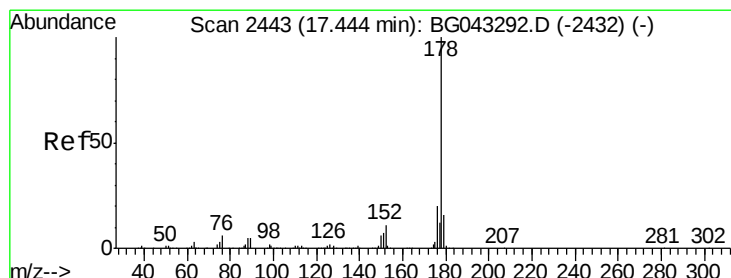
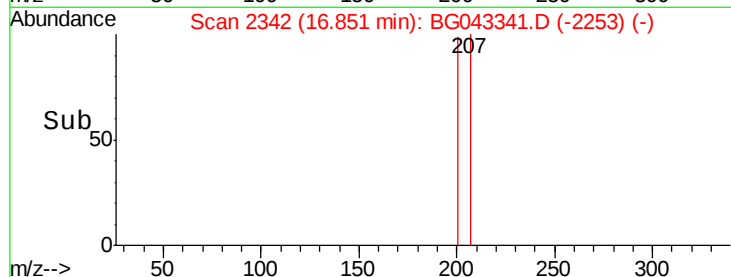
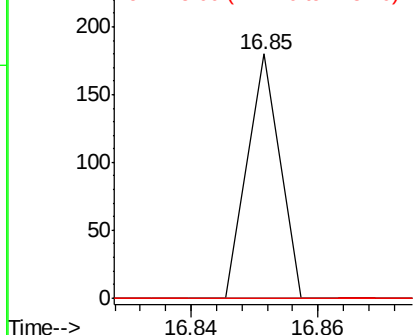
#69
Atrazine
Concen: 0.026 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tot Ion:200 Resp: 63
Ion Ratio Lower Upper
200 100
173 0.0 5.1 45.1#
215 0.0 26.6 66.6#

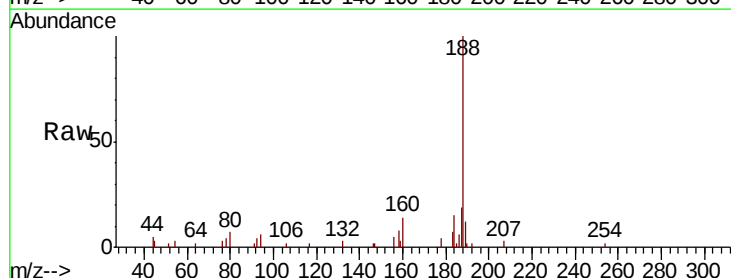


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

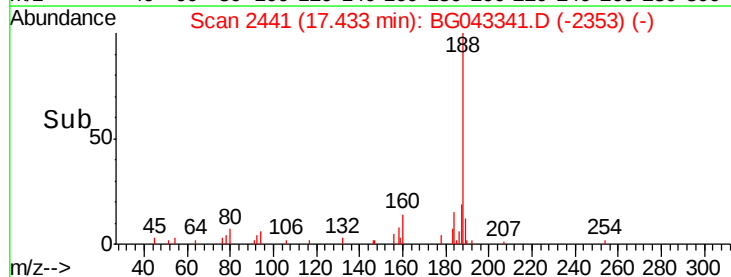
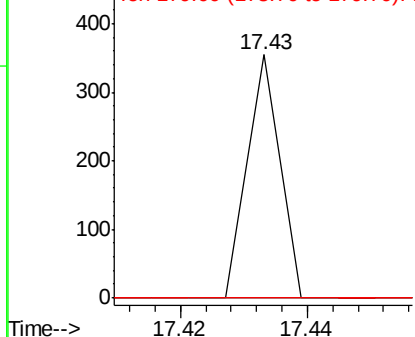


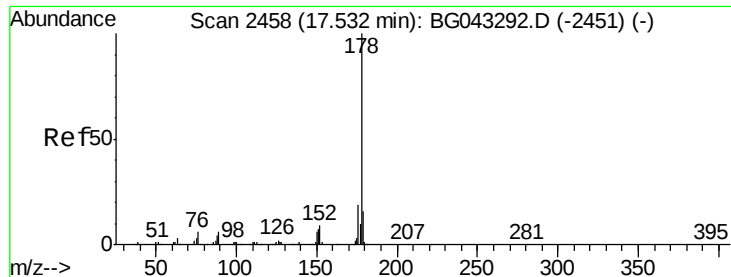
#71
Phenanthrene
Concen: 0.010 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:178 Resp: 125
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.8#
179 0.0 13.1 19.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.010 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.10 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

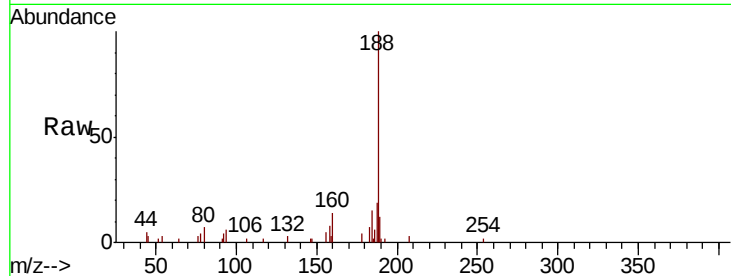
Tot Ion:178 Resp: 125

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

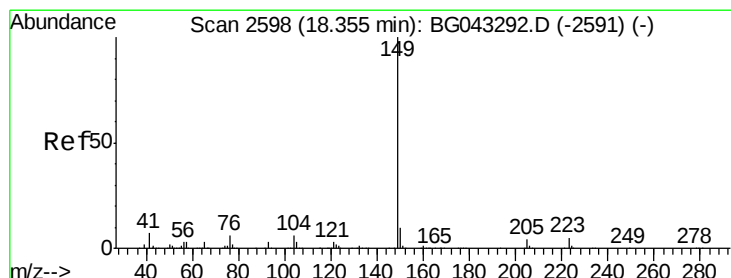
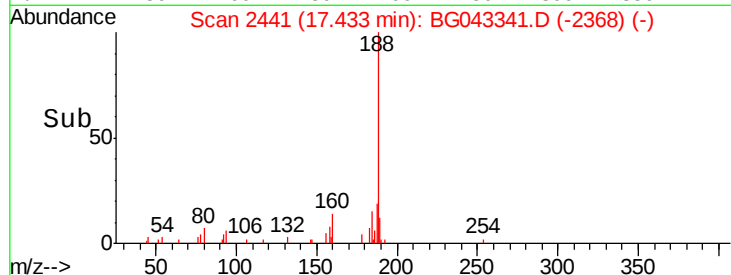
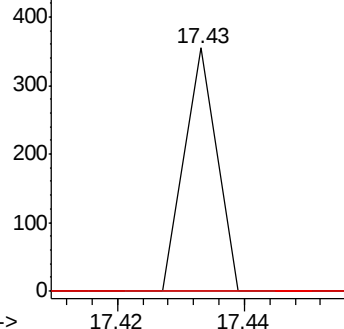
179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.061 ng

RT: 18.36 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

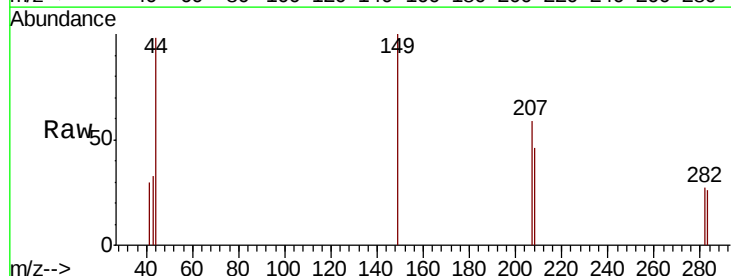
Tgt Ion:149 Resp: 847

Ion Ratio Lower Upper

149 100

150 0.0 8.0 12.0#

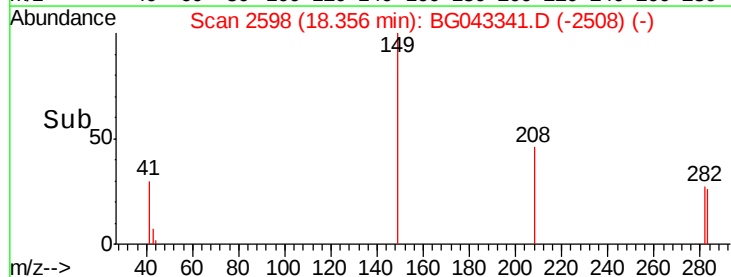
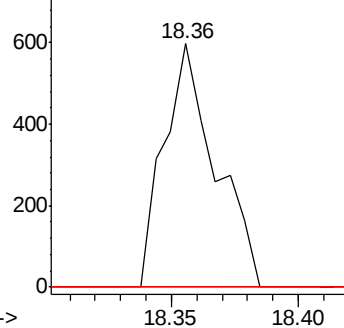
104 0.0 4.7 7.1#

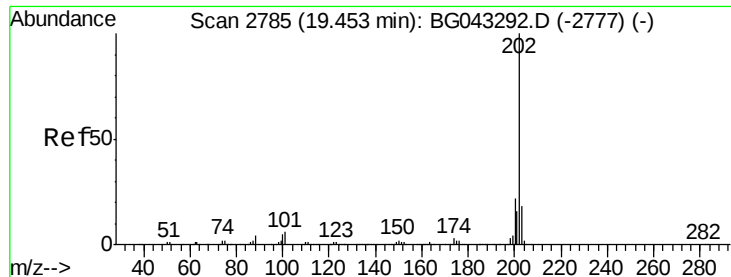


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.005 ng

RT: 19.17 min Scan# 2737

Delta R.T. -0.28 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampled :

PB124157BL

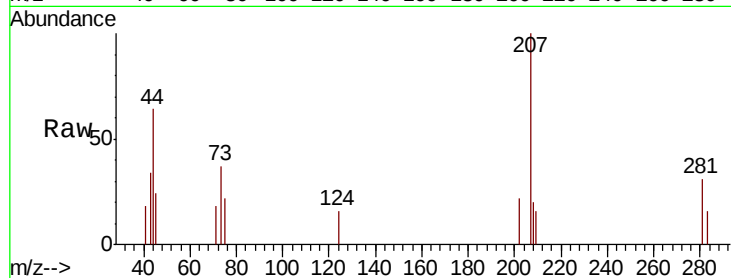
Tot Ion:202 Resp: 74

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.0

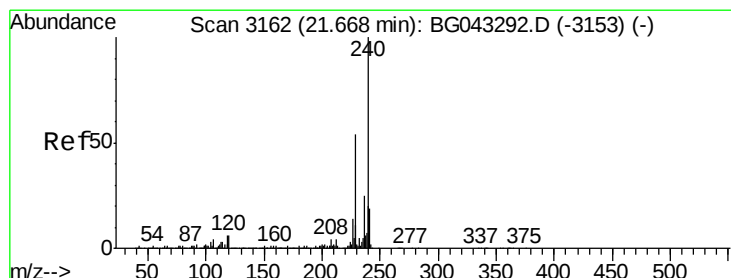
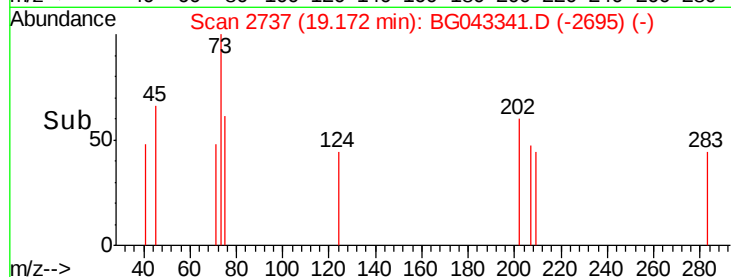
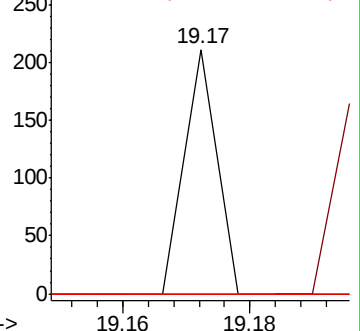
203 0.0 0.0 38.2



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. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

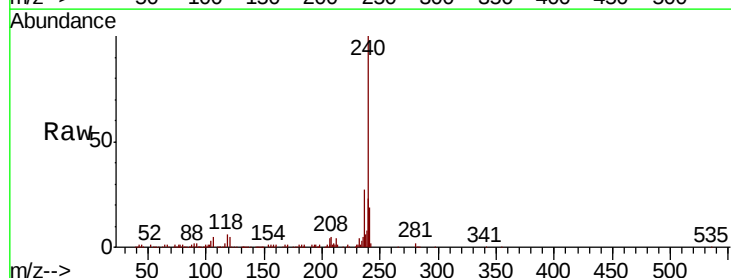
Tgt Ion:240 Resp: 276561

Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

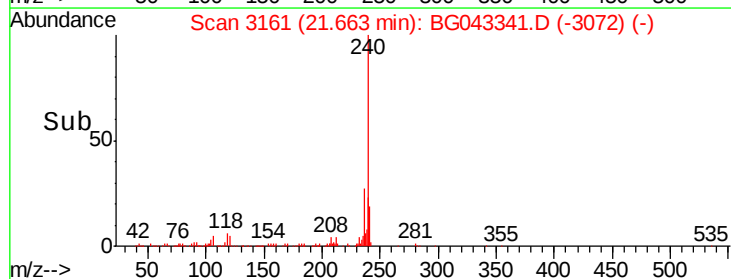
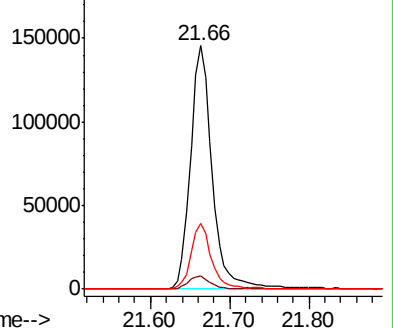
236 27.1 20.2 30.4

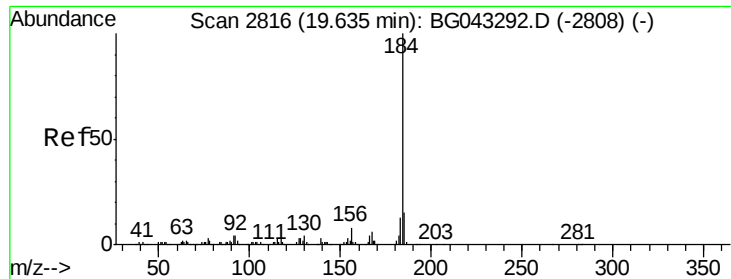


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.121 ng

RT: 19.69 min Scan# 2825

Delta R.T. 0.05 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

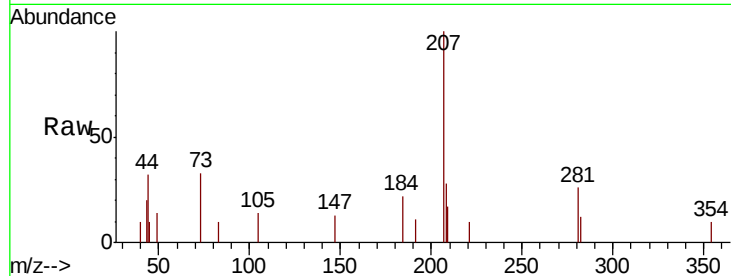
Tot Ion:184 Resp: 676

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.6#

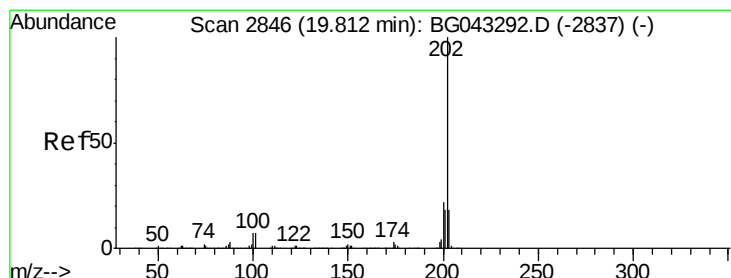
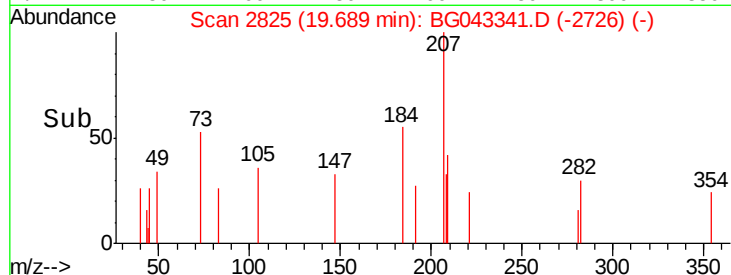
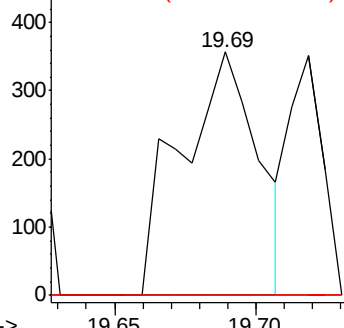
183 0.0 10.6 16.0#



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



#78

Pyrene

Concen: 0.287 ng

RT: 20.01 min Scan# 2879

Delta R.T. 0.19 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

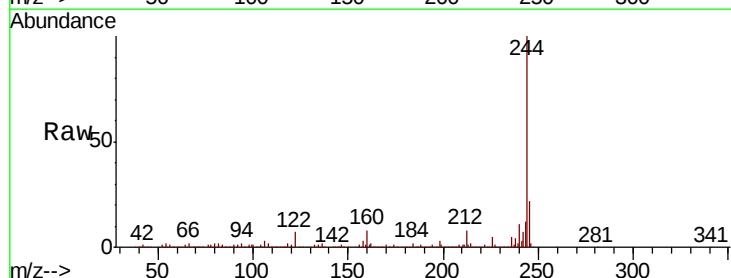
Tgt Ion:202 Resp: 4921

Ion Ratio Lower Upper

202 100

200 44.3 17.3 25.9#

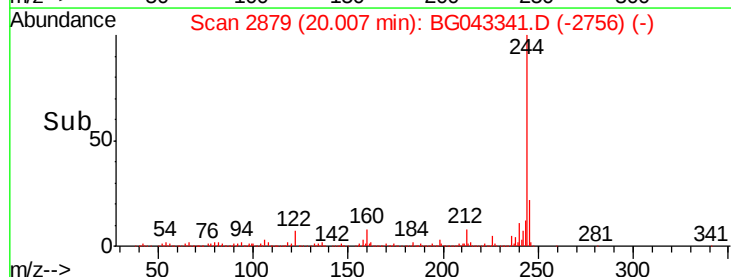
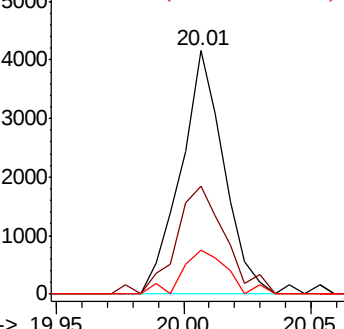
203 18.2 14.5 21.7

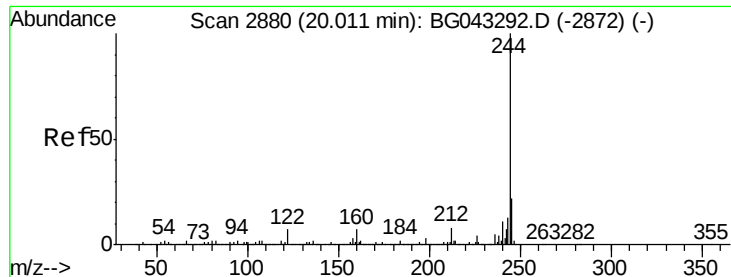


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.651 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

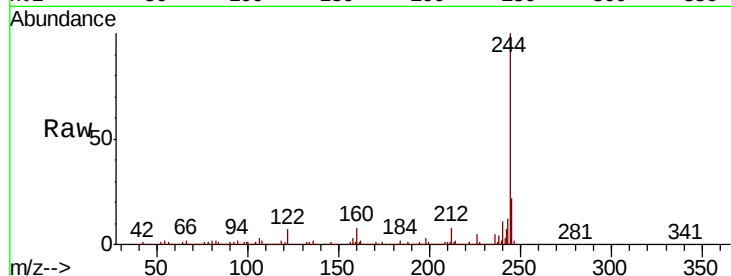
Tot Ion:244 Resp: 1469014

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

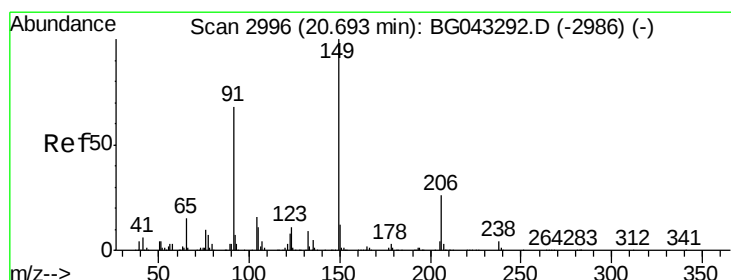
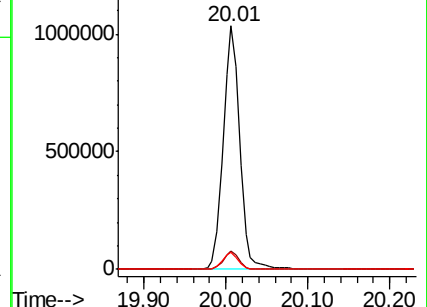
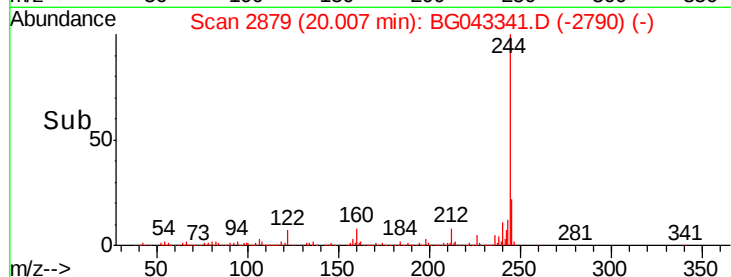
122 7.3 5.3 7.9



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



#80

Butylbenzylphthalate

Concen: 0.009 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

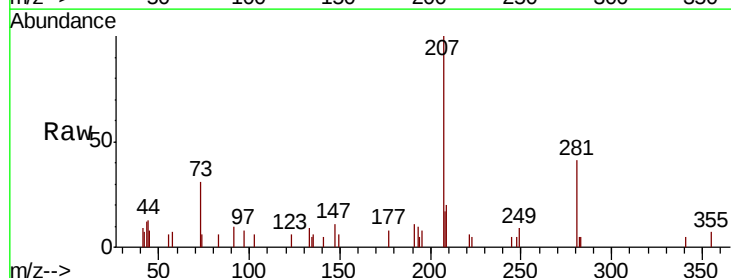
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

91 181.3 54.6 82.0#

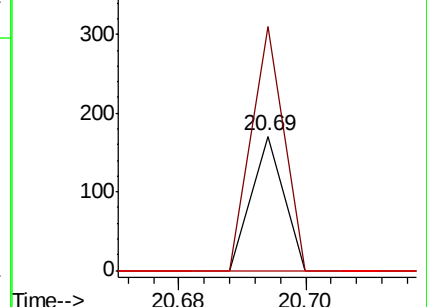
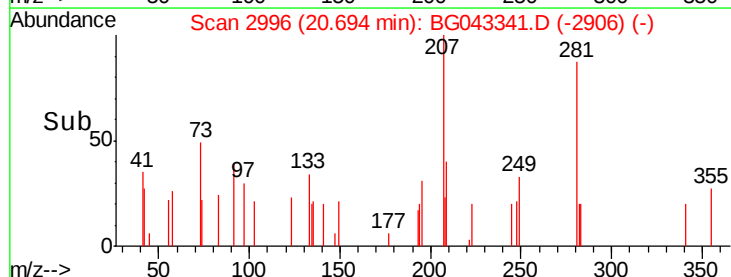
206 0.0 20.5 30.7#

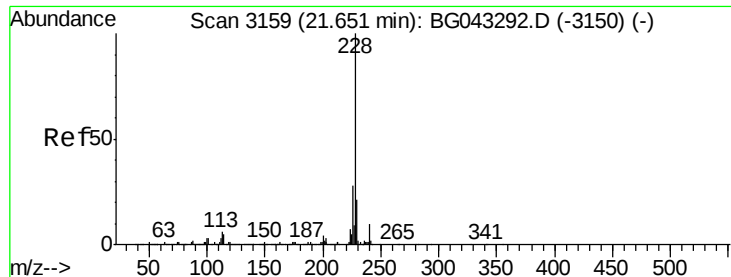


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.039 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

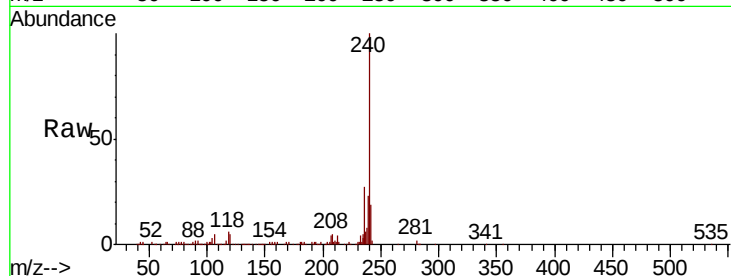
Tot Ion:228 Resp: 671

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.4#

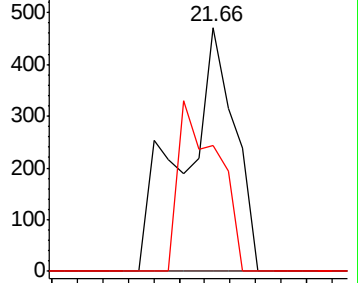
229 51.6 16.9 25.3#



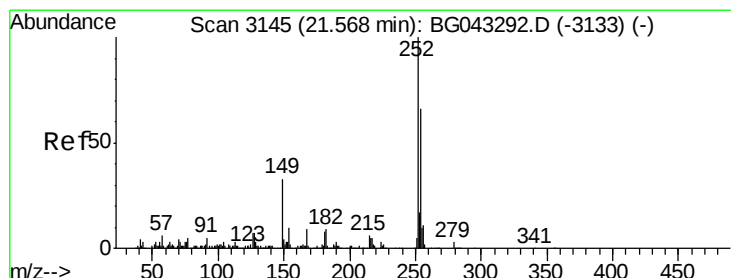
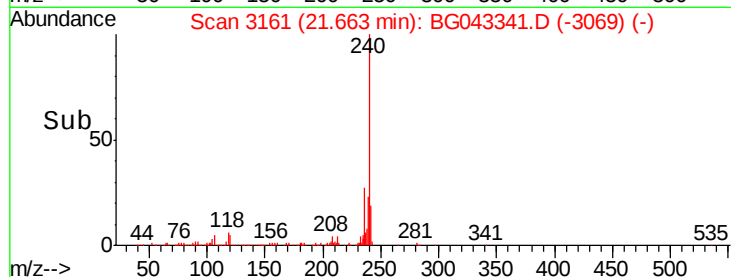
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.60 21.65 21.70



#82

3,3'-Dichlorobenzidine

Concen: 0.031 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

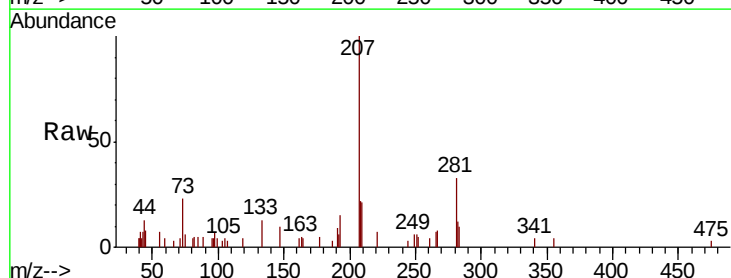
Tgt Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

254 0.0 52.7 79.1#

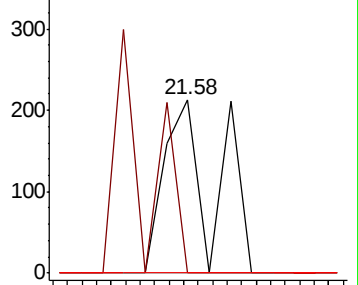
126 0.0 5.6 8.4#



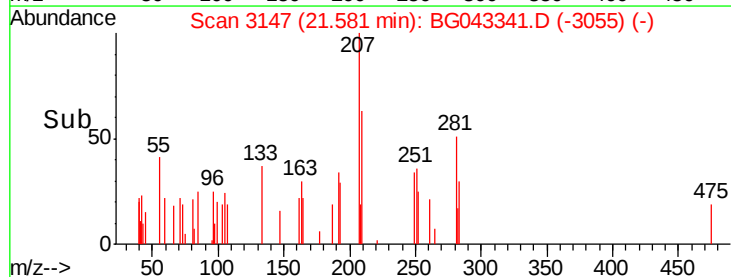
Abundance Ion 252.00 (251.70 to 252.70): E

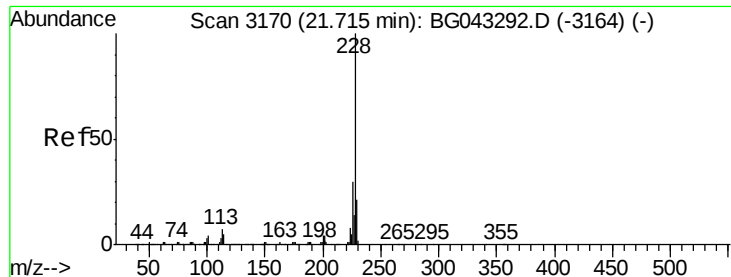
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time--> 21.56 21.58 21.60





#83

Chrysene

Concen: 0.039 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.05 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

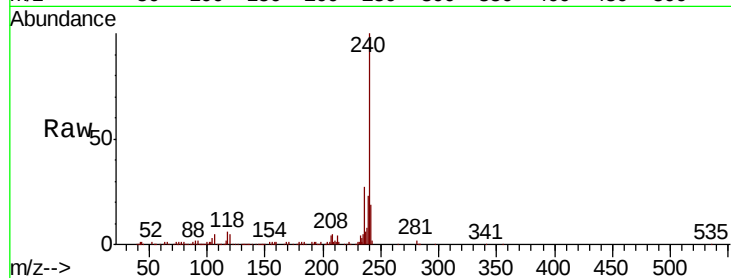
Tot Ion:228 Resp: 671

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

229 51.6 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.66

400

300

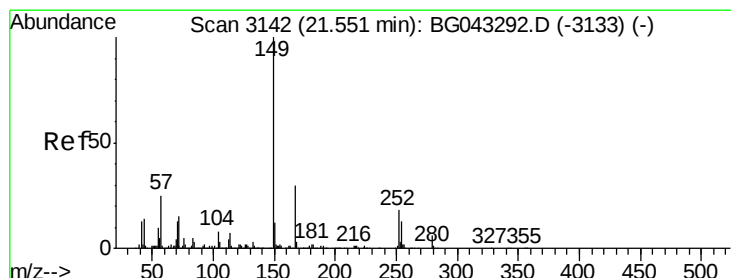
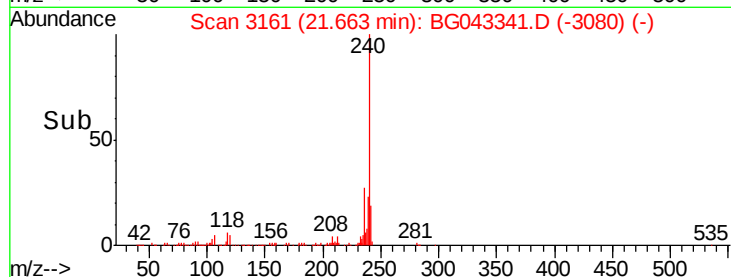
200

100

0

21.60 21.65 21.70

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.130 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

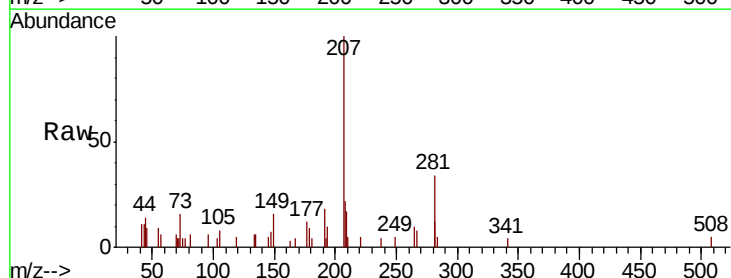
Tgt Ion:149 Resp: 1194

Ion Ratio Lower Upper

149 100

167 27.2 23.9 35.9

279 0.0 4.8 7.2#



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

21.55

800

600

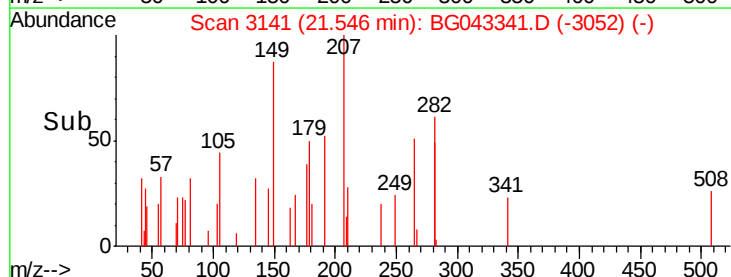
400

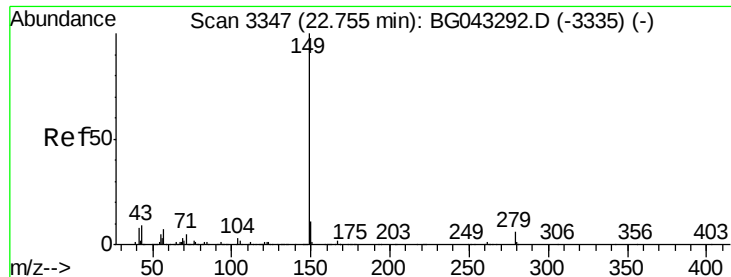
200

0

21.50 21.55 21.60

Time-->





#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.76 min Scan# 3348

Delta R.T. 0.01 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

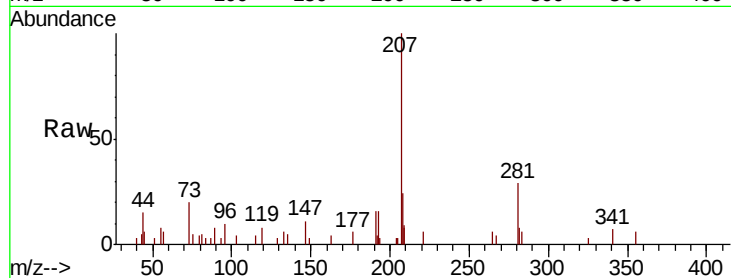
Tot Ion:149 Resp: 59

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

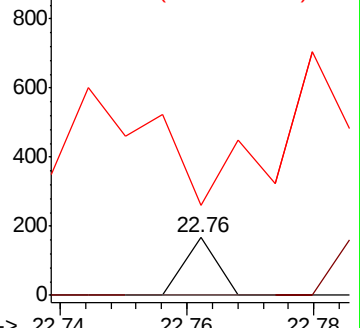
43 530.5 6.9 10.3#



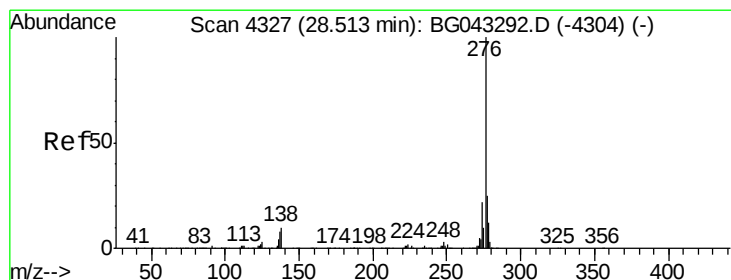
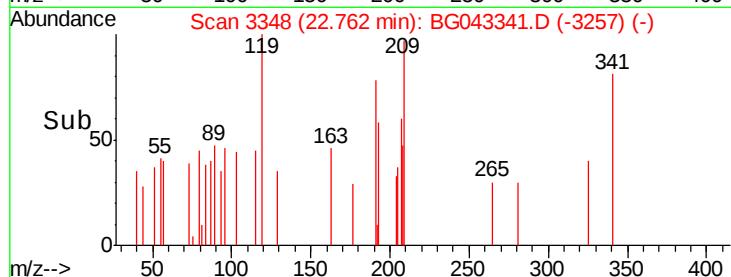
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.78 min Scan# 4373

Delta R.T. 0.27 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

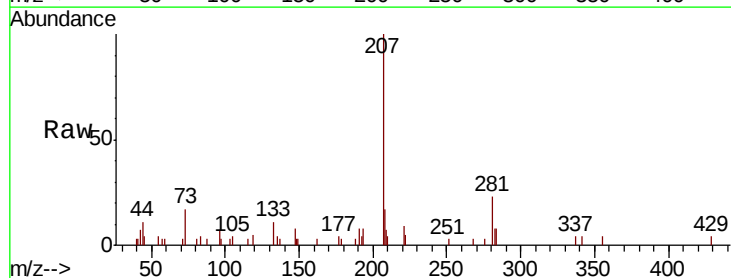
Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

138 0.0 7.2 10.8#

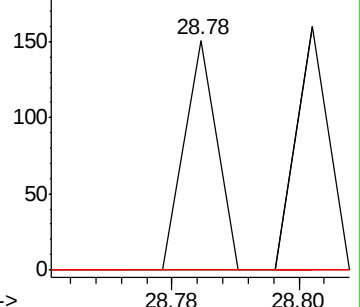
277 0.0 20.9 31.3#



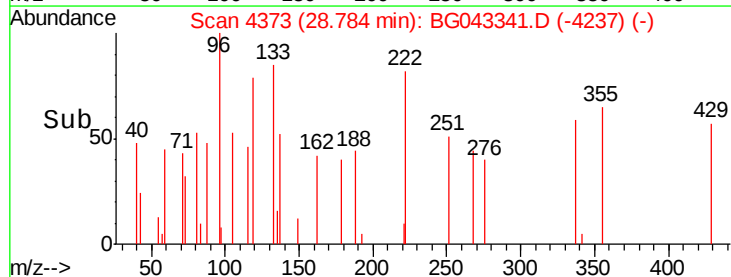
Abundance Ion 276.00 (275.70 to 276.70): E

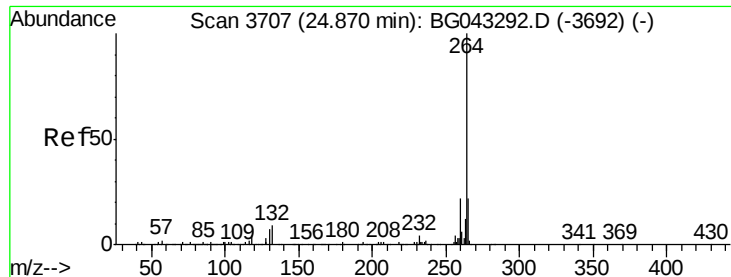
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

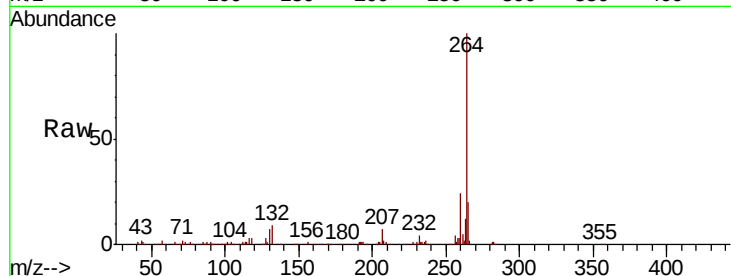




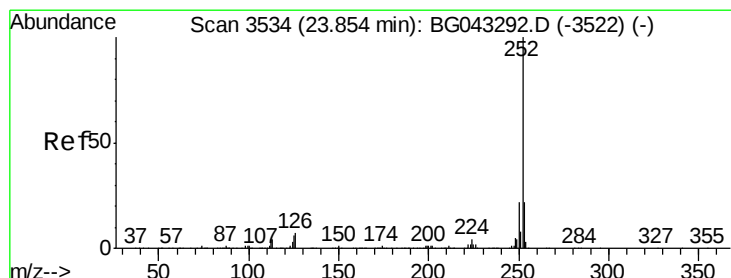
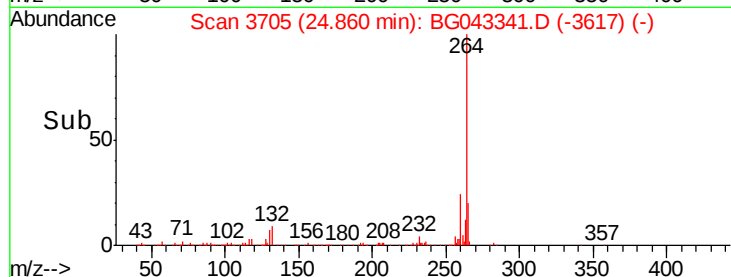
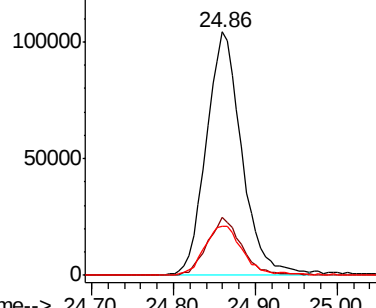
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampled :
PB124157BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	20.4	17.4	26.2

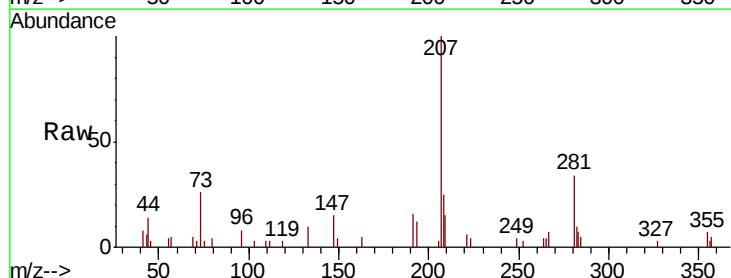


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

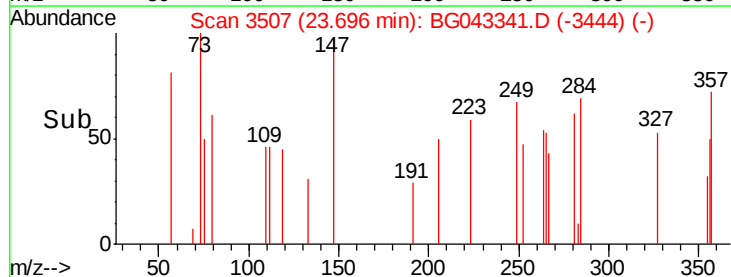
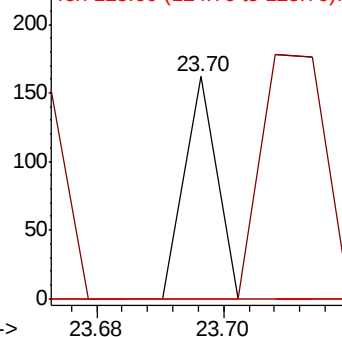


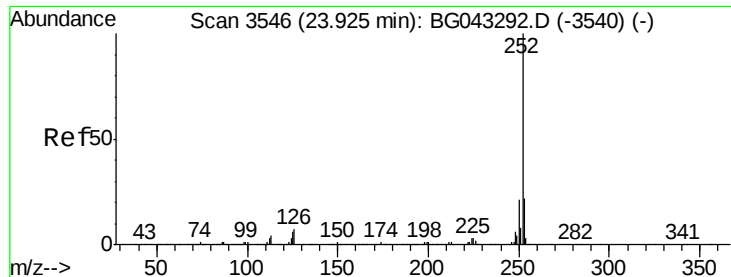
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.16 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	5.0	7.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

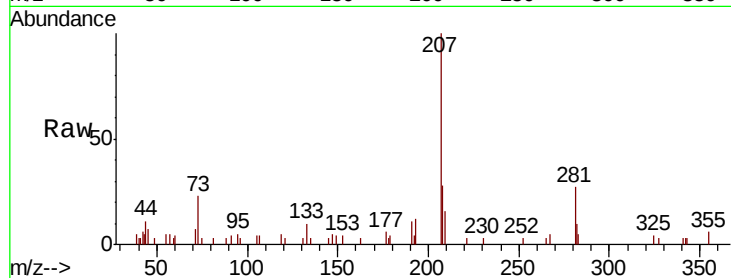




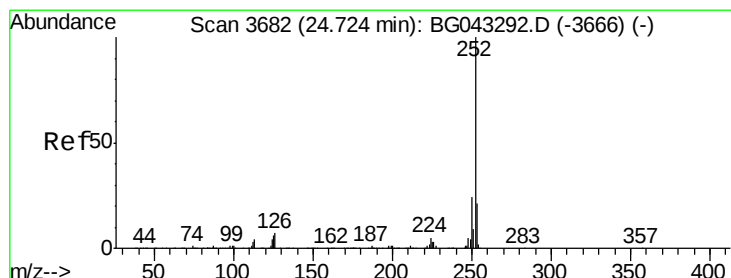
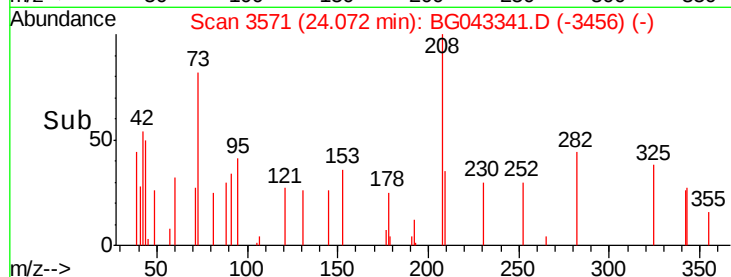
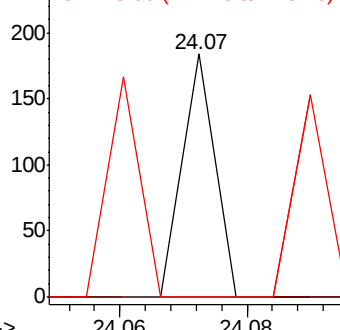
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.15 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tot Ion:252 Resp: 65
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 0.0 4.5 6.7#

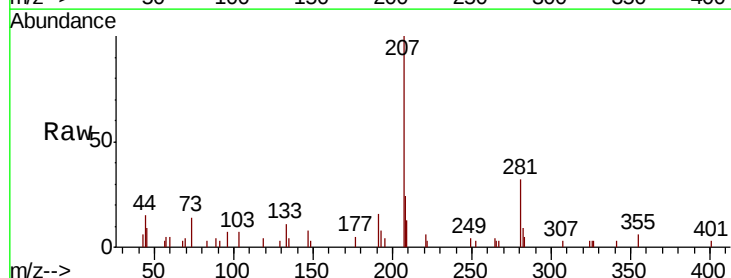


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

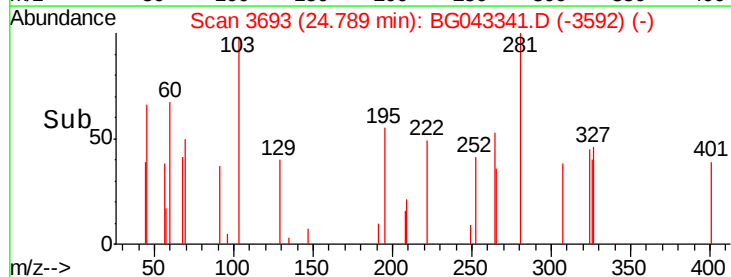
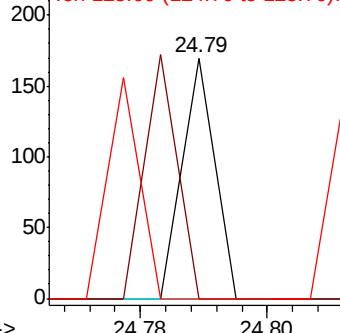


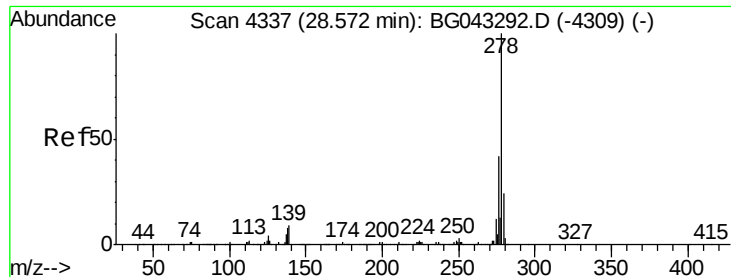
#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.07 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 0.0 17.2 25.8#
125 0.0 5.0 7.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.19 min Scan# 4272

Delta R.T. -0.38 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124157BL

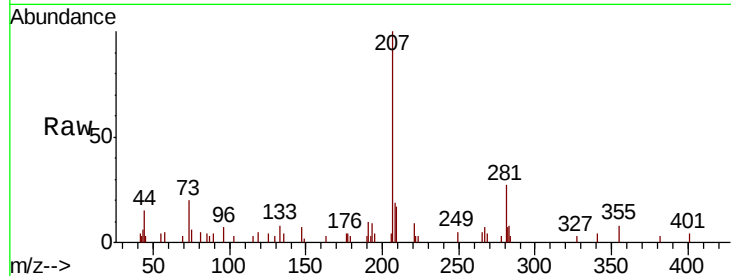
Tot Ion:278 Resp: 60

Ion Ratio Lower Upper

278 100

139 0.0 6.8 10.2#

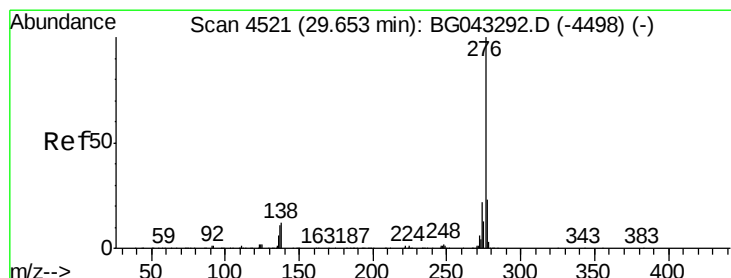
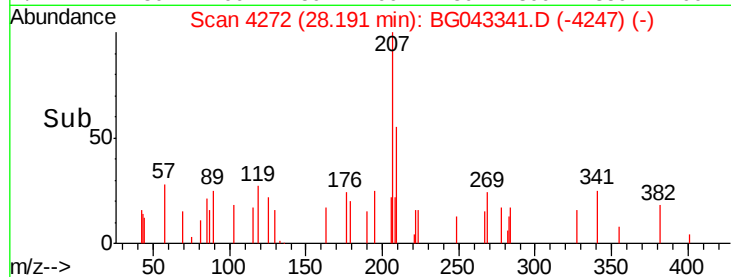
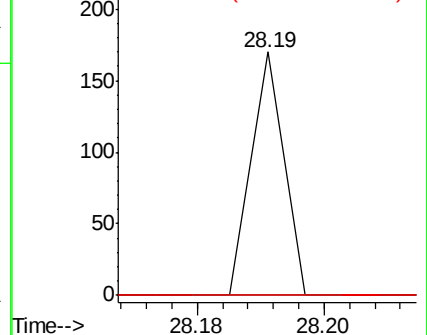
279 0.0 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.008 ng

RT: 29.76 min Scan# 4539

Delta R.T. 0.11 min

Lab File: BG043341.D

Acq: 25 Oct 2019 16:06

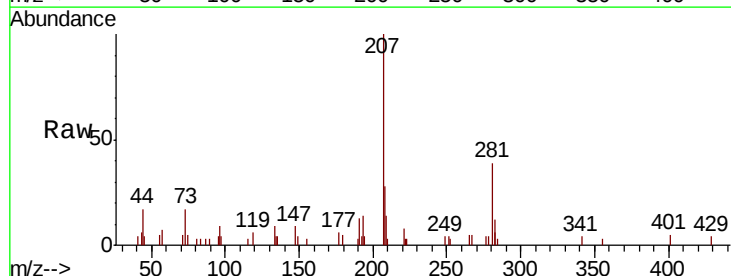
Tgt Ion:276 Resp: 135

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 9.3 13.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

