

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043586.D
 Acq On : 11 Nov 2019 16:45
 Operator : JU
 Sample : PB124640BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Quant Time: Nov 12 00:46:45 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	8.00	152	25564	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	106709	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	77876	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	181462	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	185801	20.00	ng	-0.01
87) Perylene-d12	24.83	264	218213	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	178500	127.95	ng	0.00
7) Phenol-d6	7.20	99	247886	123.50	ng	0.00
23) Nitrobenzene-d5	9.16	82	127525	61.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.13	330	161764	109.15	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	359086	63.71	ng	-0.01
79) Terphenyl-d14	19.99	244	636567	64.27	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	18556	34.132	ng	# 90
3) Pyridine	3.86	79	47226	34.437	ng	# 94
4) n-Nitrosodimethylamine	3.78	42	28839	41.674	ng	90
6) Aniline	7.33	93	77243	33.407	ng	97
8) 2-Chlorophenol	7.58	128	72660	47.182	ng	97
9) Benzaldehyde	7.14	77	37038	37.548	ng	86
10) Phenol	7.23	94	87153	47.517	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	56106	39.565	ng	99
12) 1,3-Dichlorobenzene	7.89	146	73528	38.107	ng	96
13) 1,4-Dichlorobenzene	8.04	146	76993	39.440	ng	95
14) 1,2-Dichlorobenzene	8.35	146	76241	39.999	ng	97
15) Benzyl Alcohol	8.25	79	62326	44.214	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	79189	38.405	ng	98
17) 2-Methylphenol	8.47	107	63623	47.583	ng	98
18) Hexachloroethane	9.08	117	27063	38.424	ng	100
19) n-Nitroso-di-n-propylamine	8.80	70	53306	41.099	ng	# 89
20) 3+4-Methylphenols	8.80	107	86496	47.175	ng	93
22) Acetophenone	8.82	105	104996	38.422	ng	# 93
24) Nitrobenzene	9.21	77	80539	40.847	ng	97
25) Isophorone	9.72	82	152216	40.224	ng	99
26) 2-Nitrophenol	9.92	139	41307	43.393	ng	93
27) 2,4-Dimethylphenol	9.99	122	70473	51.653	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	83209	39.840	ng	99
29) 2,4-Dichlorophenol	10.48	162	79037	45.212	ng	93
30) 1,2,4-Trichlorobenzene	10.67	180	84919	38.542	ng	96
31) Naphthalene	10.85	128	226012	41.727	ng	97
32) Benzoic acid	10.17	122	36619	37.573	ng	95
33) 4-Chloroaniline	10.98	127	55943	25.196	ng	94
34) Hexachlorobutadiene	11.14	225	59453	36.503	ng	97
35) Caprolactam	11.74	113	13242	21.994	ng	# 75
36) 4-Chloro-3-methylphenol	12.11	107	85426	44.800	ng	98
37) 2-Methylnaphthalene	12.46	142	173248	41.686	ng	98
38) 1-Methylnaphthalene	12.68	142	169918	42.970	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	113647	39.432	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	119812	79.138	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	71007	41.836	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	75623	44.071	ng	98
46) 1,1'-Biphenyl	13.47	154	236084	39.850	ng	95
47) 2-Chloronaphthalene	13.51	162	179248	39.765	ng	99
48) 2-Nitroaniline	13.72	65	54766	40.650	ng	95
49) Acenaphthylene	14.35	152	301146	42.925	ng	99
50) Dimethylphthalate	14.09	163	247365	41.009	ng	97
51) 2,6-Dinitrotoluene	14.21	165	56869	43.397	ng	97
52) Acenaphthene	14.69	154	174434	40.772	ng	95
53) 3-Nitroaniline	14.55	138	36491	28.842	ng	96
54) 2,4-Dinitrophenol	14.75	184	56672	70.233	ng	93
55) Dibenzofuran	15.03	168	294842	42.497	ng	98
56) 4-Nitrophenol	14.89	139	73168	86.298	ng	94
57) 2,4-Dinitrotoluene	15.00	165	78806	42.080	ng	97
58) Fluorene	15.68	166	247002	42.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	77561	42.544	ng	93
60) Diethylphthalate	15.45	149	244867	40.401	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	142234	41.899	ng	96
62) 4-Nitroaniline	15.72	138	53110	40.646	ng	96
63) Azobenzene	15.96	77	207151	42.231	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	47217	44.214	ng	93
66) n-Nitrosodiphenylamine	15.89	169	216996	42.356	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	97245	39.821	ng	97
68) Hexachlorobenzene	16.69	284	107765	38.444	ng	100
69) Atrazine	16.83	200	90067	50.594	ng	94
70) Pentachlorophenol	17.04	266	98454	77.079	ng	97
71) Phenanthrene	17.42	178	382289	41.141	ng	98
72) Anthracene	17.51	178	394969	42.483	ng	97
73) Carbazole	17.79	167	342287	40.656	ng	99
74) Di-n-butylphthalate	18.33	149	397454	38.907	ng	99
75) Fluoranthene	19.43	202	480499	39.664	ng	99
77) Benzidine	19.62	184	202186	54.071	ng	98
78) Pyrene	19.79	202	479172	41.664	ng	99
80) Butylbenzylphthalate	20.68	149	176061	40.407	ng	97
81) Benzo(a)anthracene	21.63	228	489519	42.061	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	140426	31.195	ng	96
83) Chrysene	21.69	228	474565	41.039	ng	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	263279	42.536	ng	99
85) Di-n-octyl phthalate	22.72	149	458458	43.659	ng	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	622638	42.895	ng	98
88) Benzo(b)fluoranthene	23.82	252	522413	42.270	ng	100
89) Benzo(k)fluoranthene	23.89	252	520471	41.832	ng	99
90) Benzo(a)pyrene	24.68	252	486986	41.264	ng	97
91) Dibenzo(a,h)anthracene	28.52	278	523839	43.394	ng	98
92) Benzo(g,h,i)perylene	29.60	276	520970	43.752	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

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PB124640BS

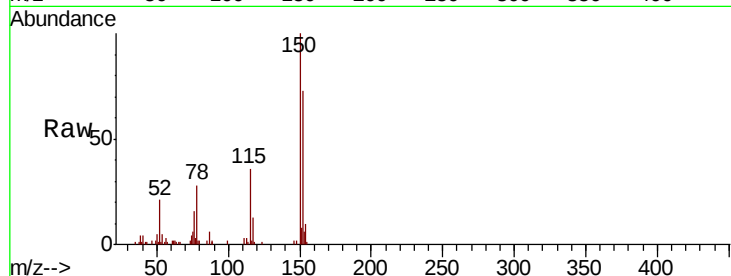
Tot Ion:152 Resp: 25564

Ion Ratio Lower Upper

152 100

150 136.8 129.4 194.0

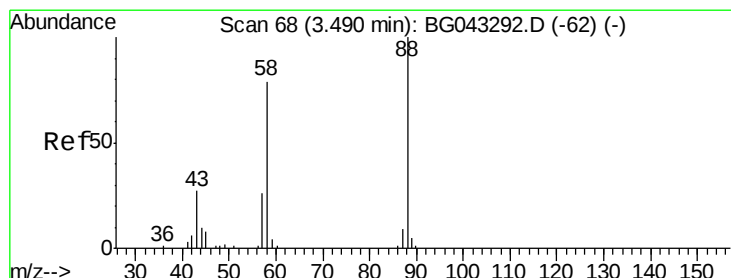
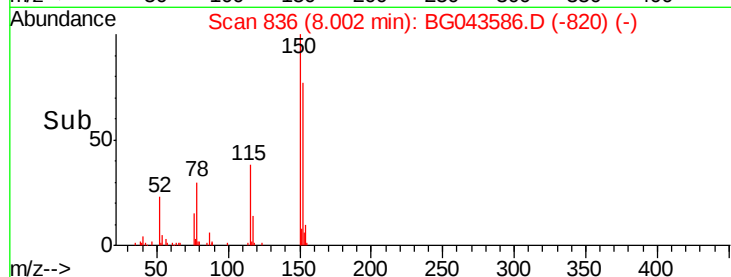
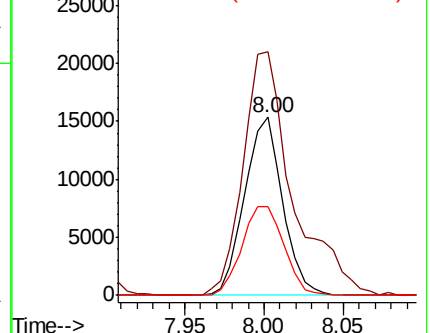
115 49.6 48.8 73.2



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



#2

1,4-Dioxane

Concen: 34.132 ng

RT: 3.45 min Scan# 62

Delta R.T. -0.02 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

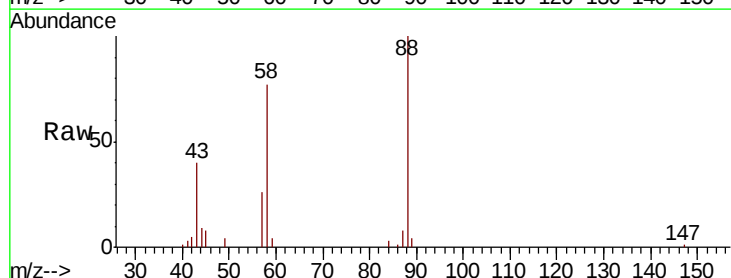
Tgt Ion: 88 Resp: 18556

Ion Ratio Lower Upper

88 100

58 85.8 62.7 94.1

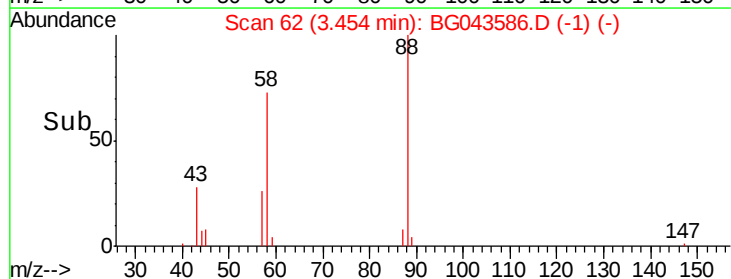
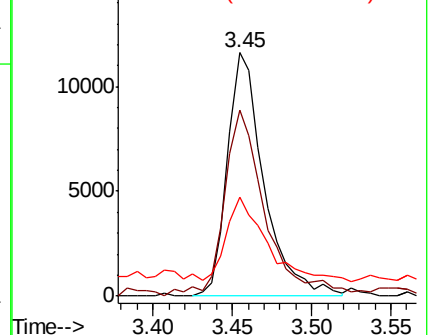
43 38.0 23.7 35.5#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.437 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

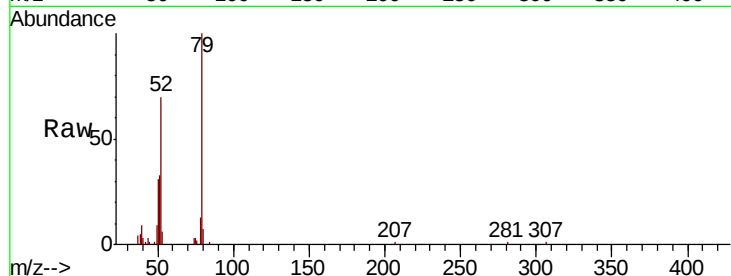
Tot Ion: 79 Resp: 47226

Ion Ratio Lower Upper

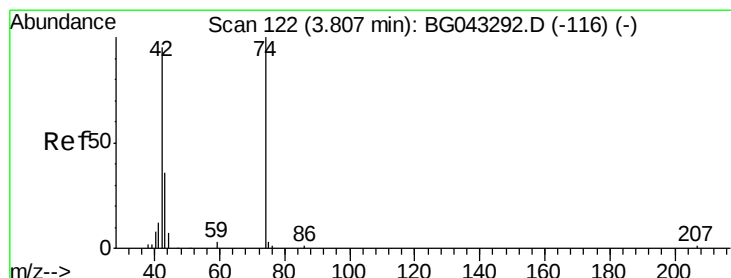
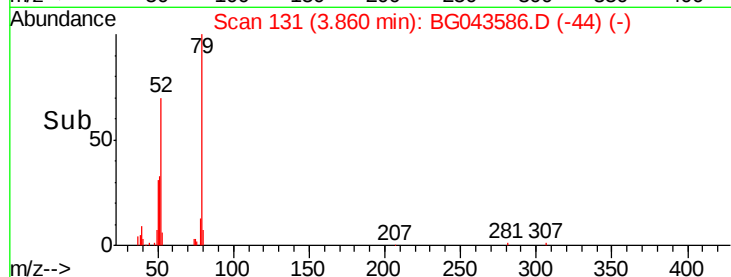
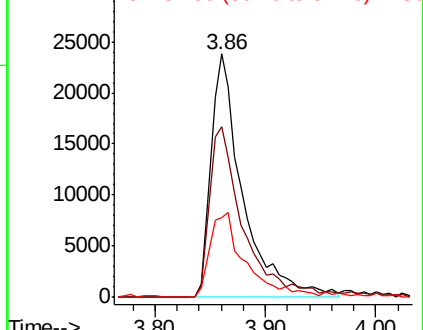
79 100

52 70.1 56.5 84.7

51 32.6 33.2 49.8#



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: 41.674 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

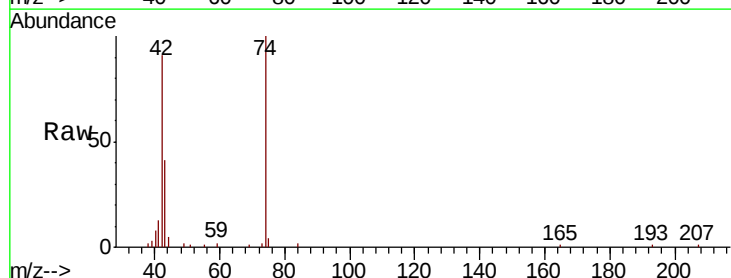
Tgt Ion: 42 Resp: 28839

Ion Ratio Lower Upper

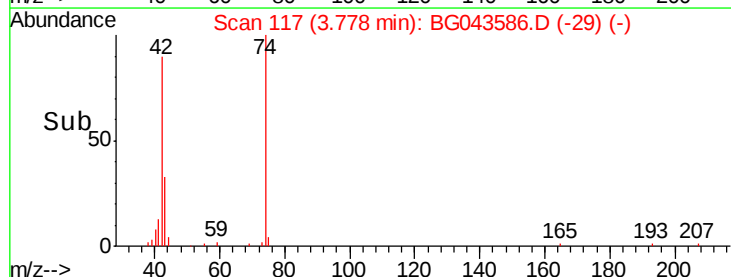
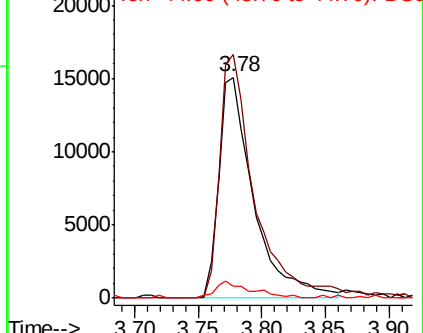
42 100

74 110.1 97.3 145.9

44 5.1 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: 127.950 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

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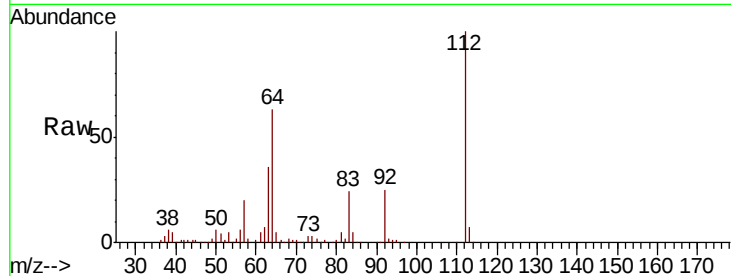
Tot Ion:112 Resp: 178500

Ion Ratio Lower Upper

112 100

64 62.7 50.0 75.0

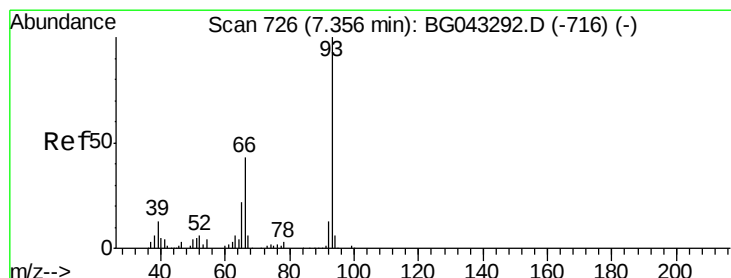
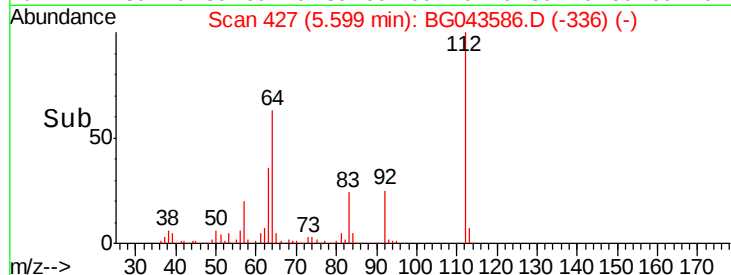
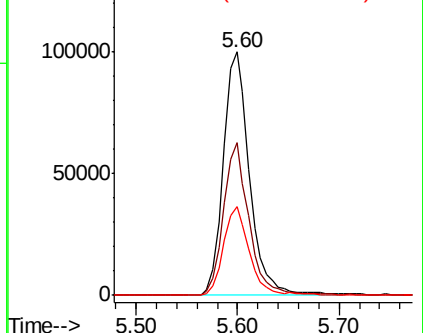
63 36.3 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.407 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

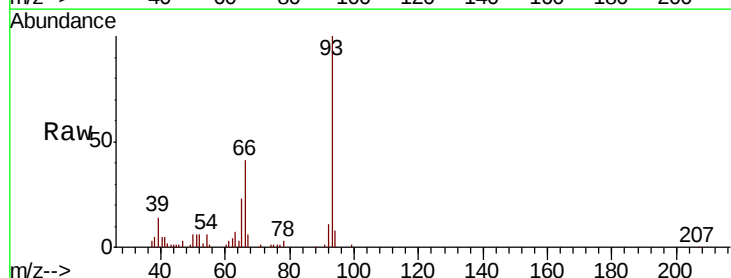
Tgt Ion: 93 Resp: 77243

Ion Ratio Lower Upper

93 100

66 41.3 32.3 48.5

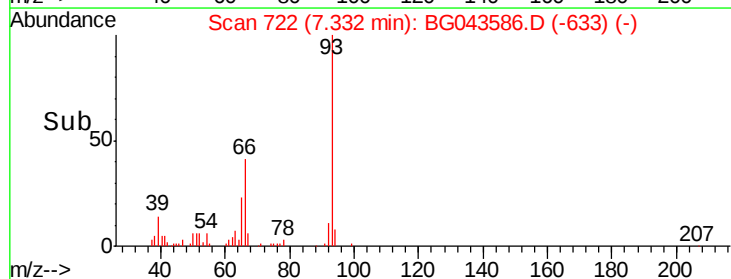
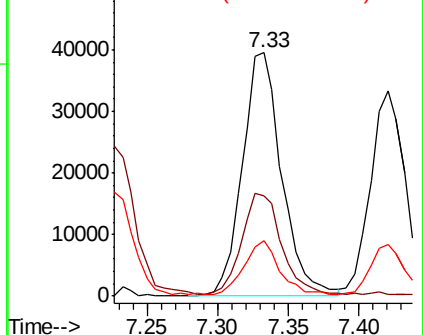
65 22.9 16.1 24.1



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: 123.499 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

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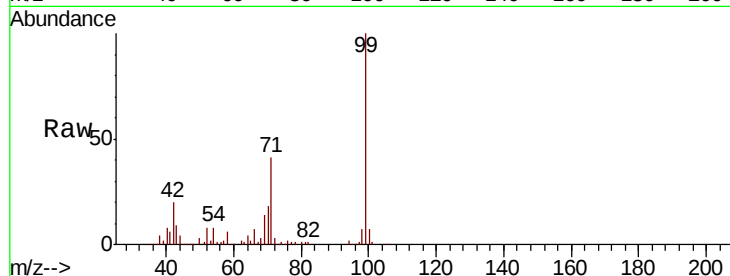
Tot Ion: 99 Resp: 247886

Ion Ratio Lower Upper

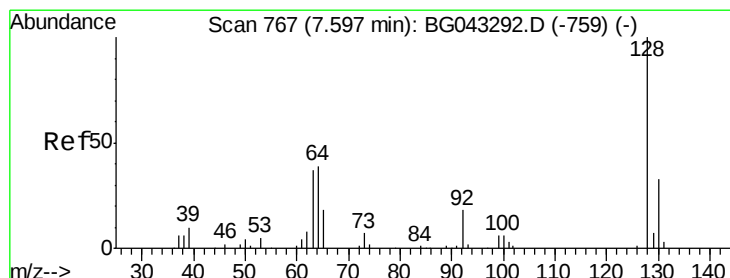
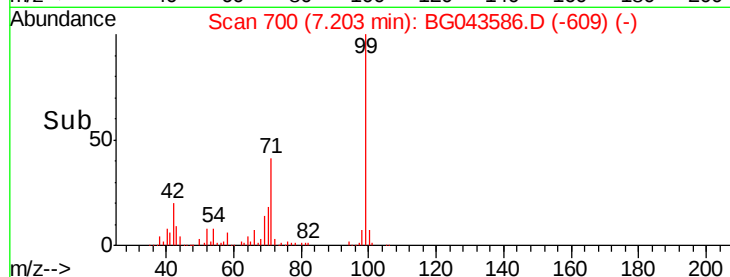
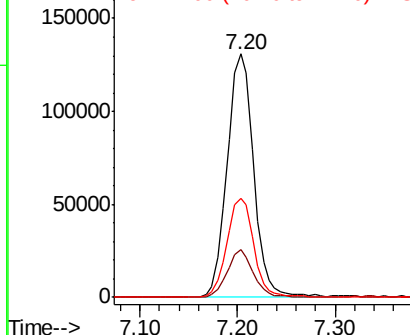
99 100

42 19.6 14.6 21.8

71 40.9 32.5 48.7



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: 47.182 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

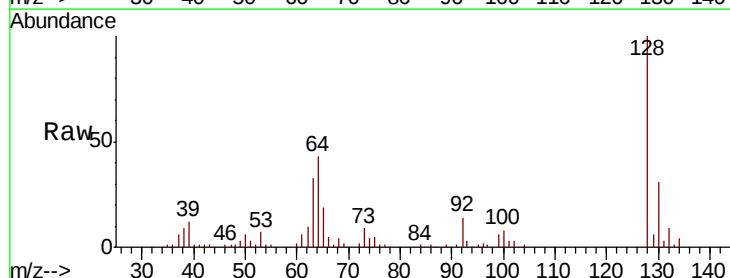
Tgt Ion: 128 Resp: 72660

Ion Ratio Lower Upper

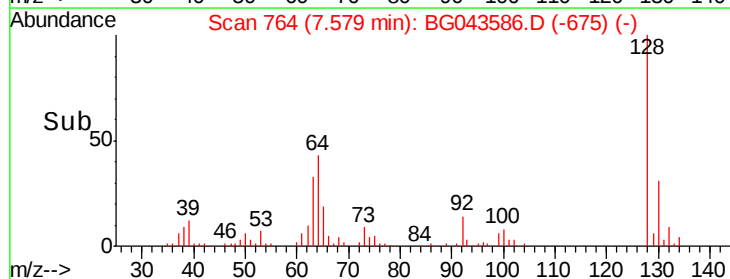
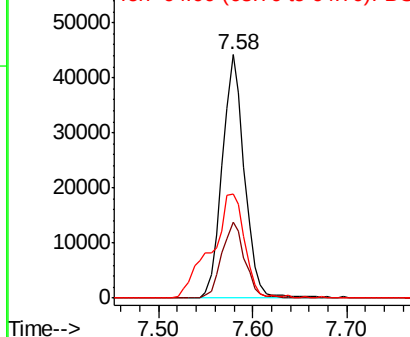
128 100

130 31.0 12.5 52.5

64 42.8 25.3 65.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.548 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

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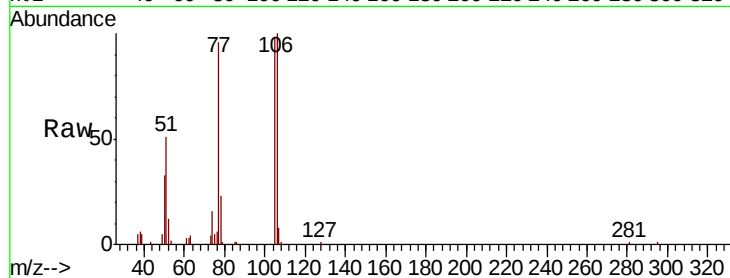
Tot Ion: 77 Resp: 37038

Ion Ratio Lower Upper

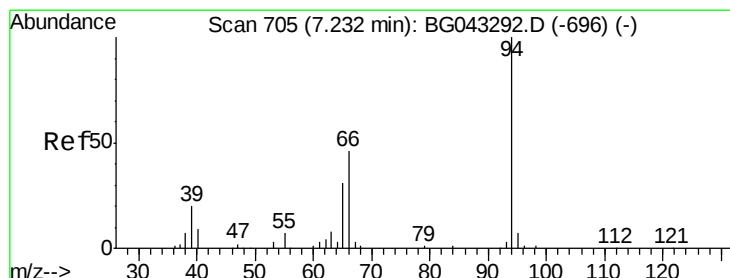
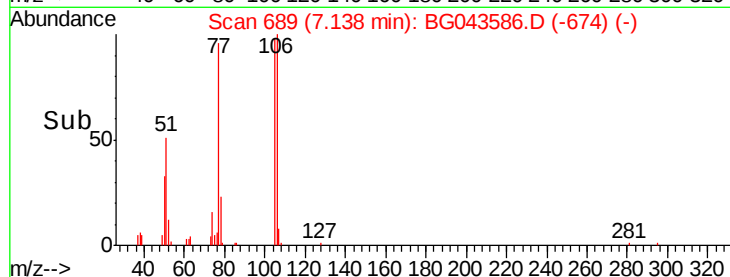
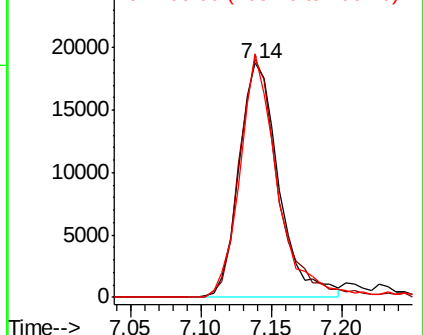
77 100

105 101.5 68.6 108.6

106 103.8 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.517 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

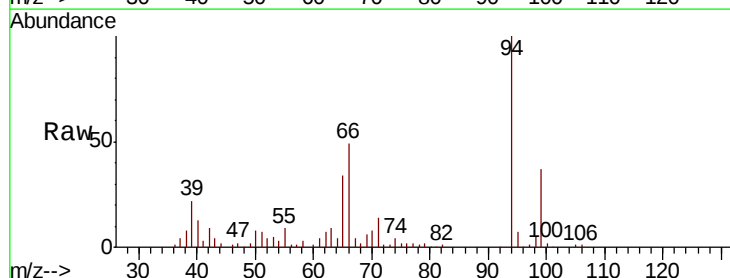
Tgt Ion: 94 Resp: 87153

Ion Ratio Lower Upper

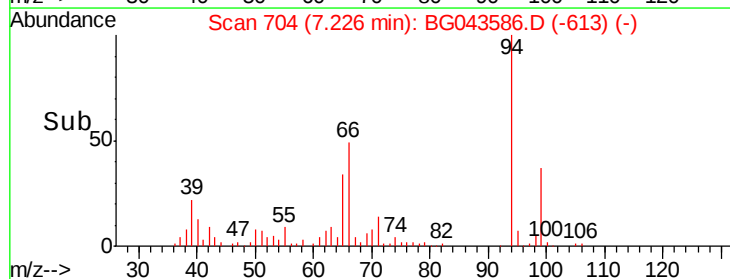
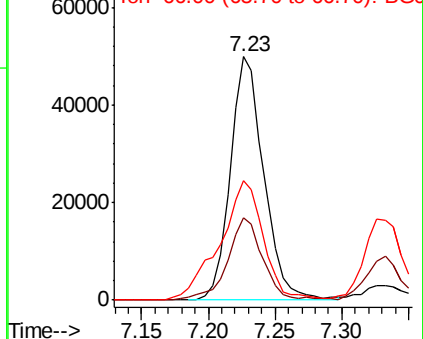
94 100

65 34.0 12.6 52.6

66 49.1 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

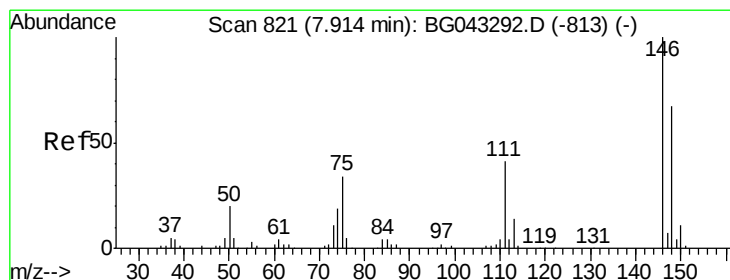
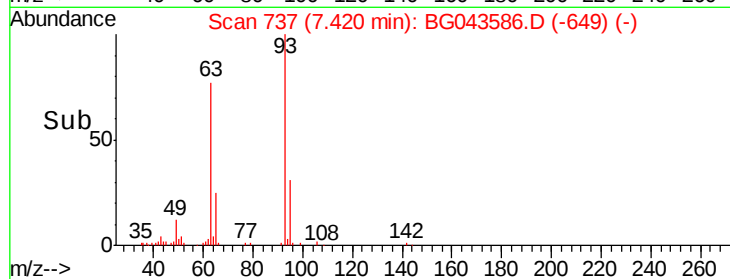
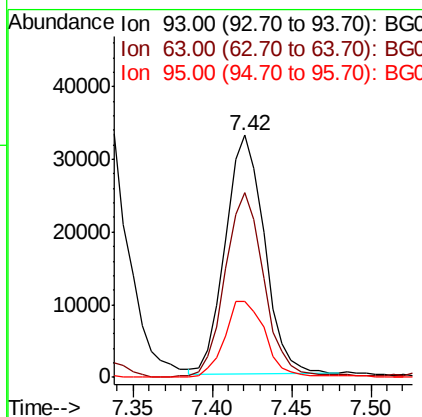
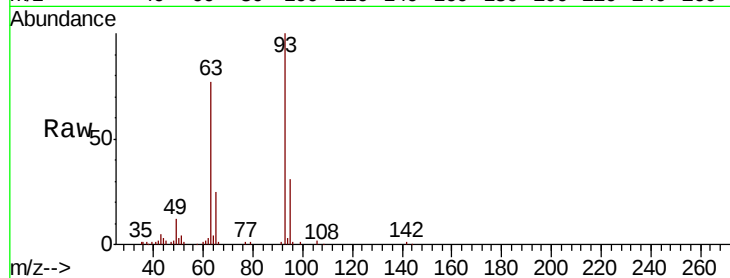




#11
bis(2-Chloroethyl)ether
Concen: 39.565 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

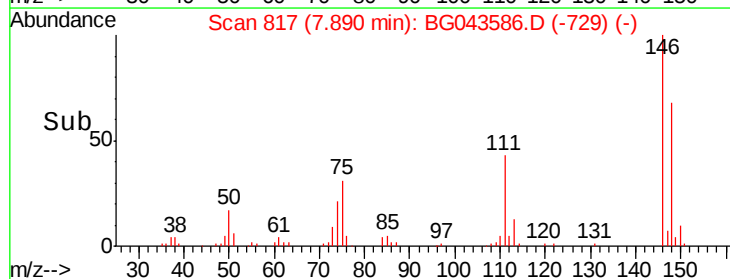
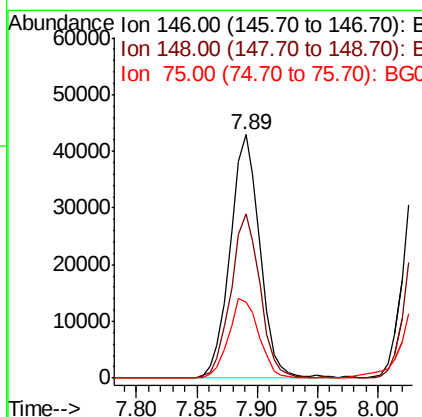
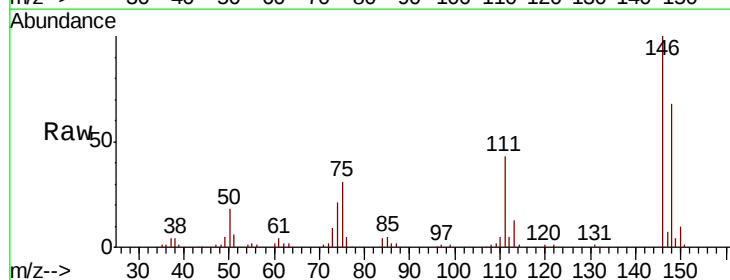
Instrument :
BNA_G
ClientSampleId :
PB124640BS

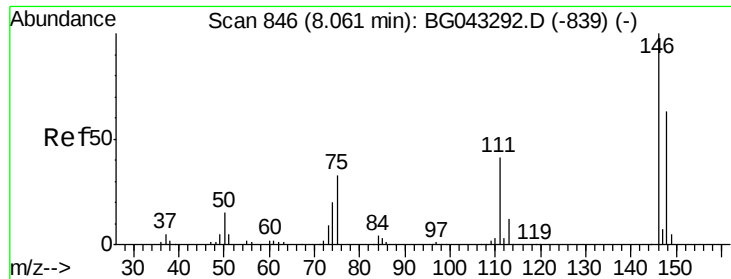
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	56.3	96.3
95	31.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 38.107 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.3	75.5
75	31.3	24.6	37.0

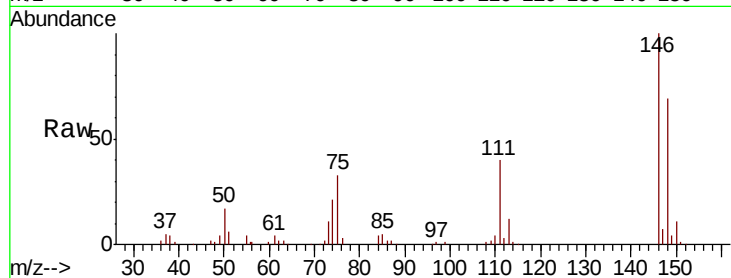




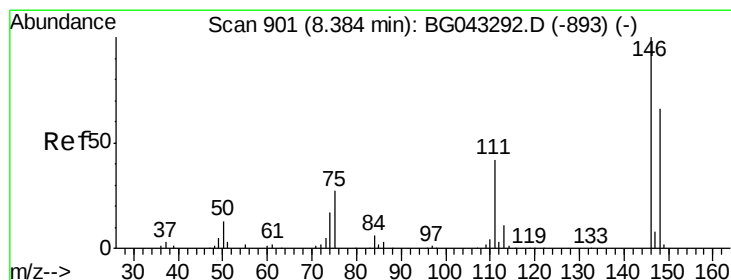
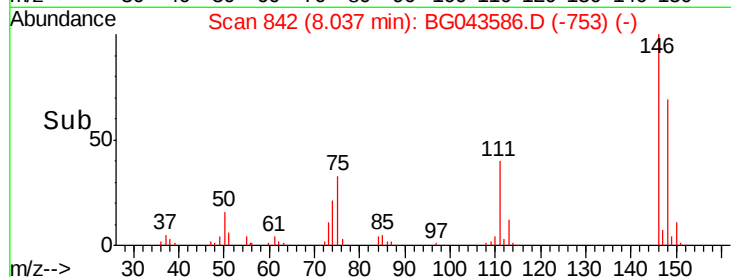
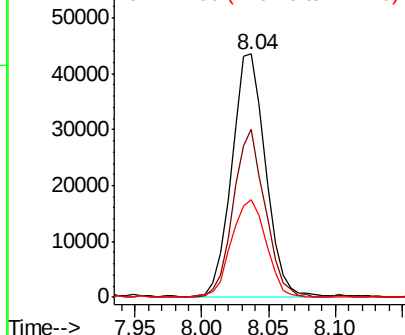
#13
 1,4-Dichlorobenzene
 Concen: 39.440 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion:146 Resp: 76993
 Ion Ratio Lower Upper
 146 100
 148 69.2 50.7 76.1
 111 40.3 33.4 50.2

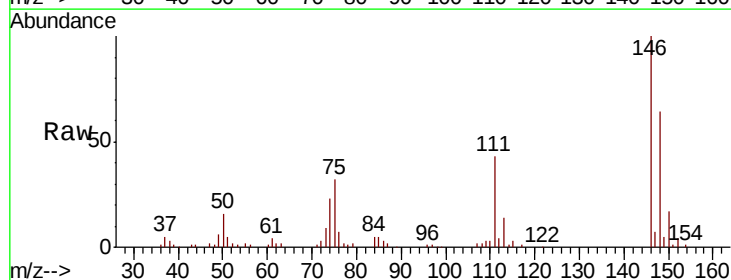


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

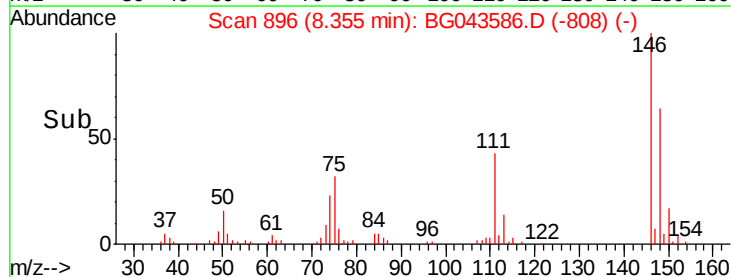
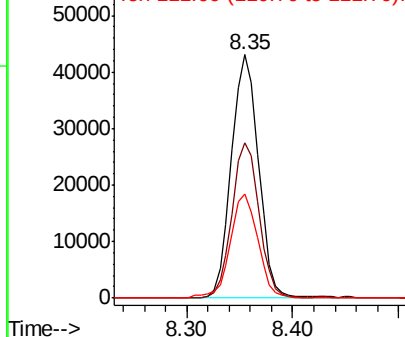


#14
 1,2-Dichlorobenzene
 Concen: 39.999 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion:146 Resp: 76241
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.2 79.8
 111 42.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

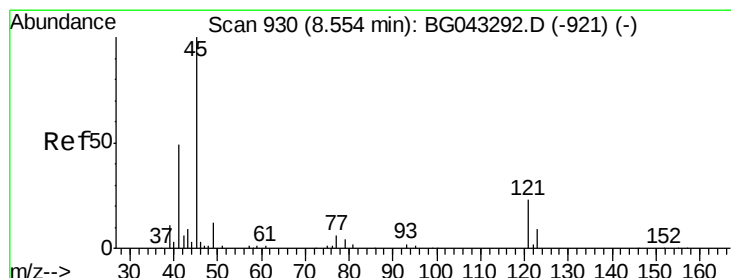
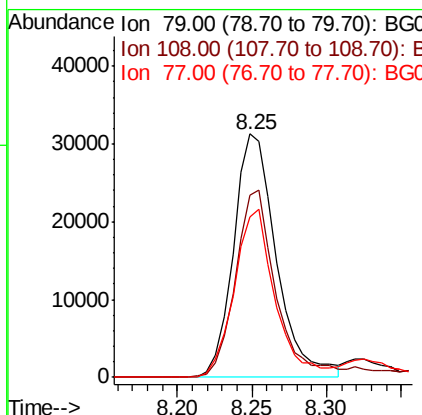
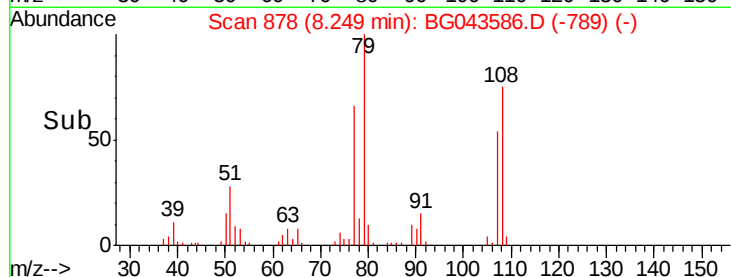
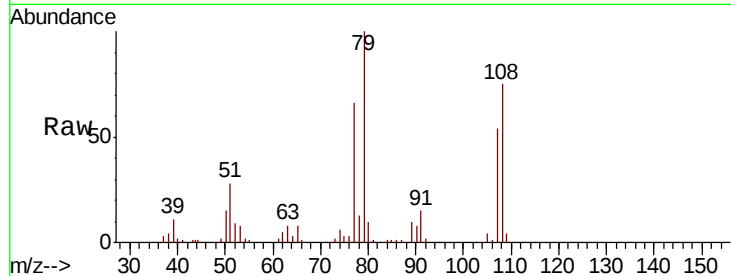




#15
Benzyl Alcohol
Concen: 44.214 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

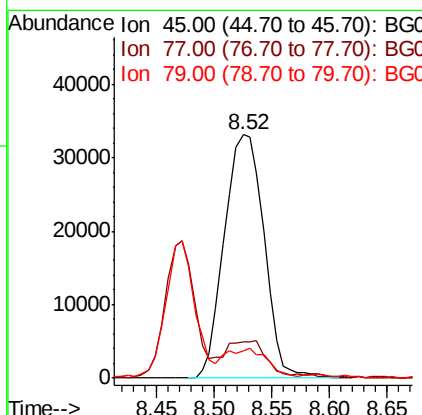
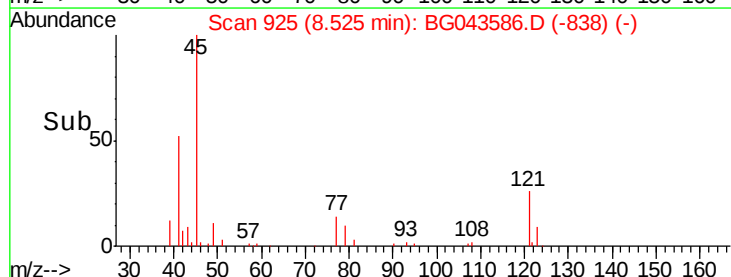
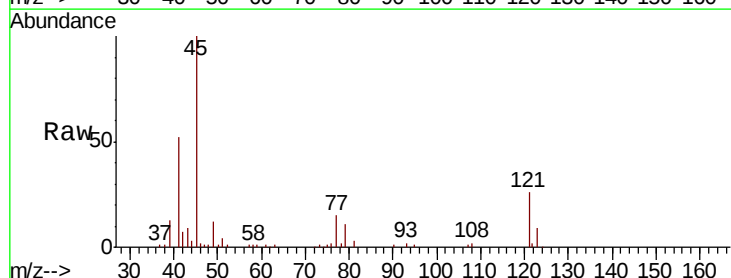
Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion: 79 Resp: 62326
Ion Ratio Lower Upper
79 100
108 74.8 53.6 80.4
77 65.9 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.405 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion: 45 Resp: 79189
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.9
79 11.1 0.0 33.0





#17

2-Methylphenol

Concen: 47.583 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

Tot Ion:107 Resp: 63623

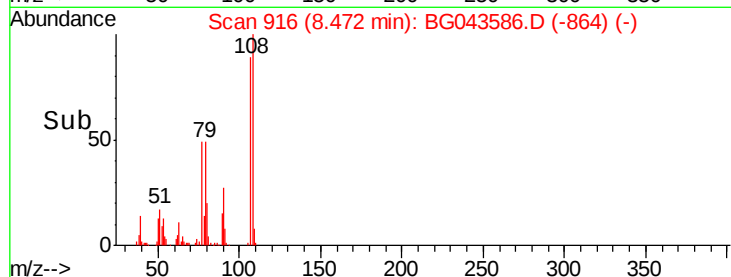
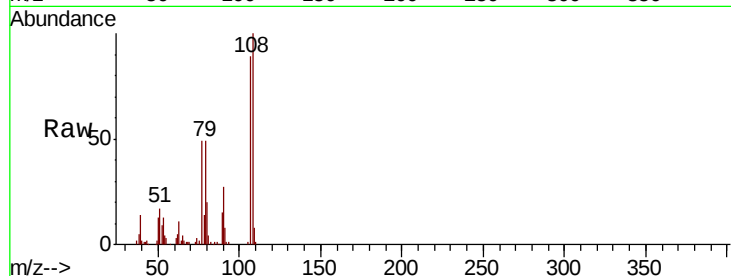
Ion Ratio Lower Upper

107 100

108 112.2 90.2 135.4

77 54.5 40.2 60.2

79 54.9 44.0 66.0

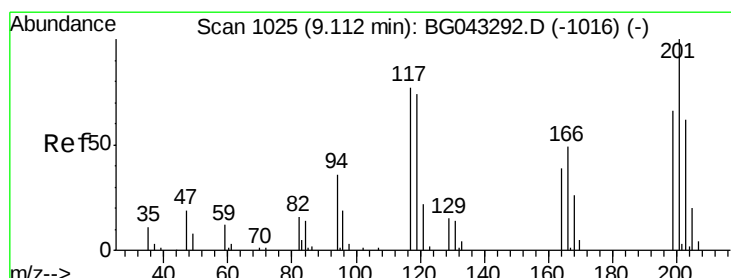
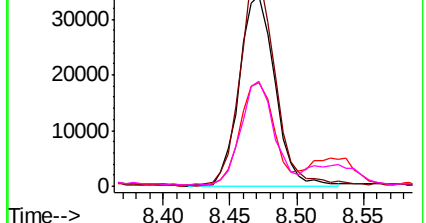


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.424 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

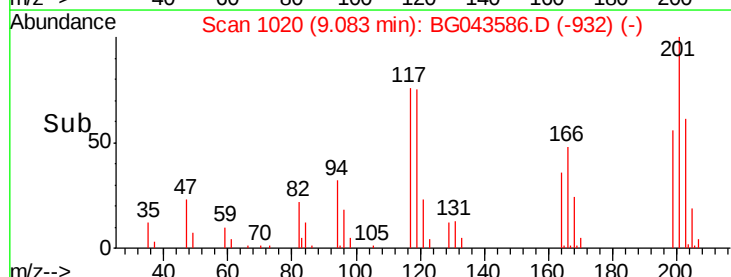
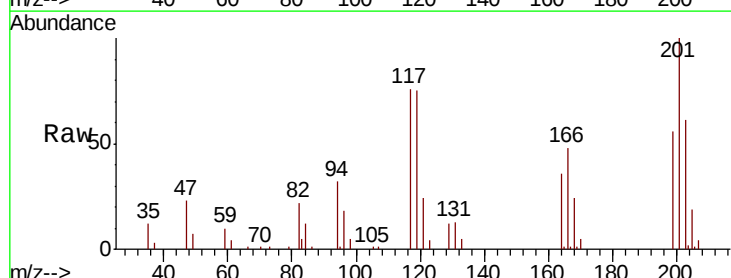
Tgt Ion:117 Resp: 27063

Ion Ratio Lower Upper

117 100

119 98.7 79.0 118.4

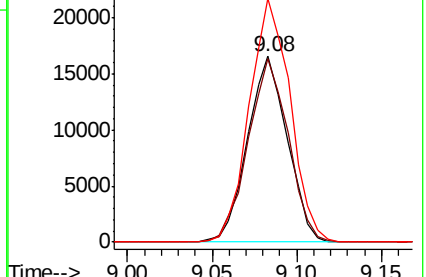
201 131.1 105.4 158.2

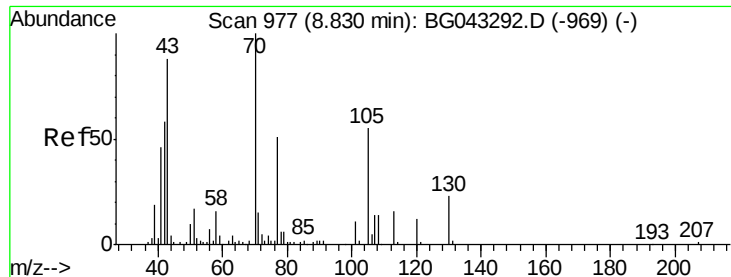


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

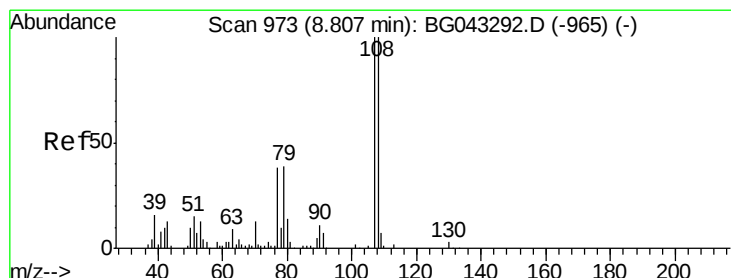
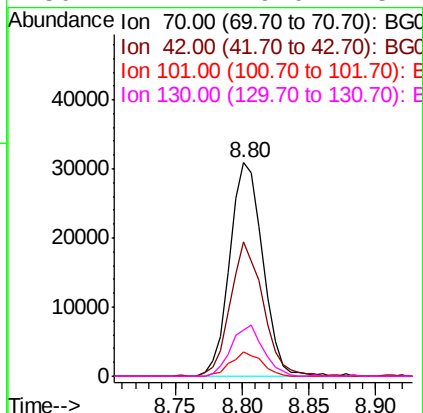
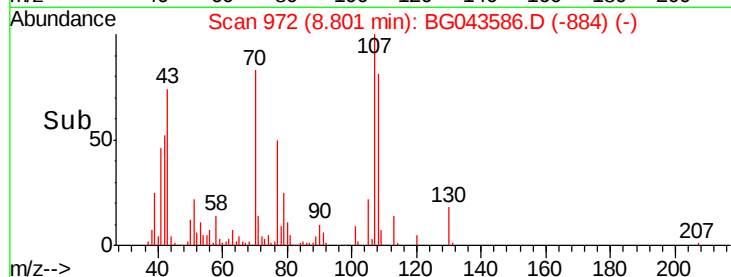
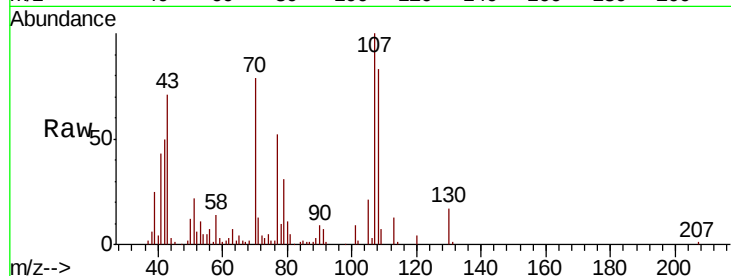




#19
n-Nitroso-di-n-propylamine
Concen: 41.099 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

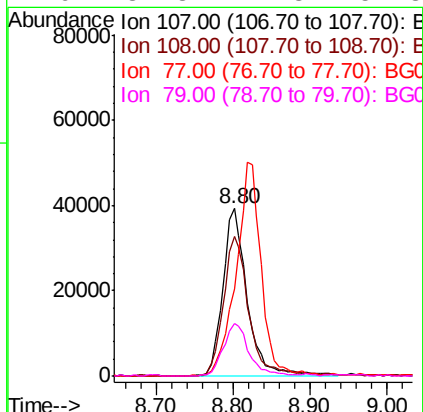
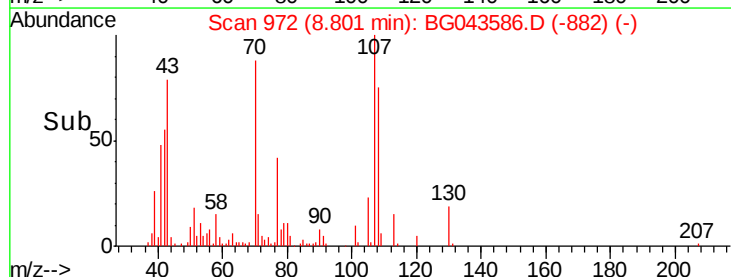
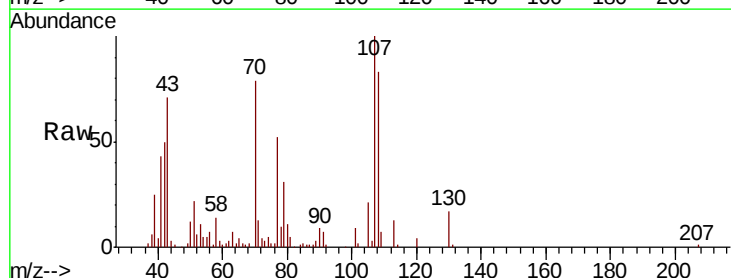
Instrument :
BNA_G
ClientSampleId :
PB124640BS

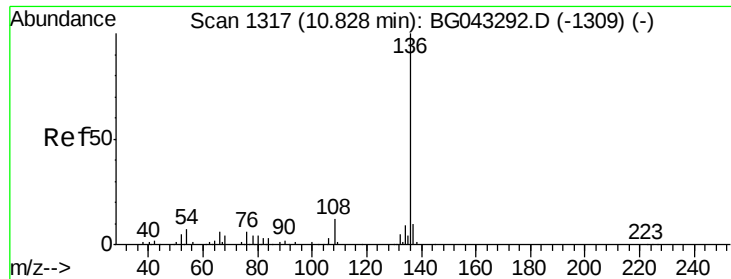
Tot Ion: 70 Resp: 53306
Ion Ratio Lower Upper
70 100
42 63.1 41.4 62.2#
101 11.4 7.9 11.9
130 21.7 19.0 28.4



#20
3+4-Methylphenols
Concen: 47.175 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion: 107 Resp: 86496
Ion Ratio Lower Upper
107 100
108 82.9 66.6 106.6
77 52.1 20.9 60.9
79 31.3 11.3 51.3

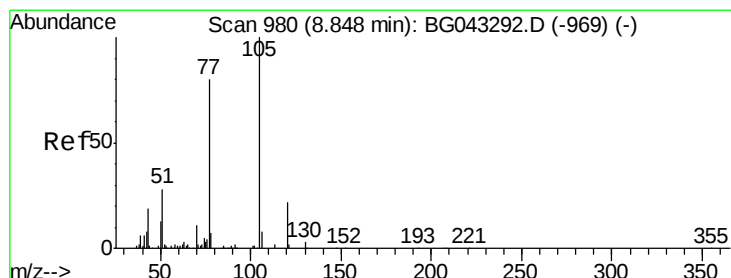
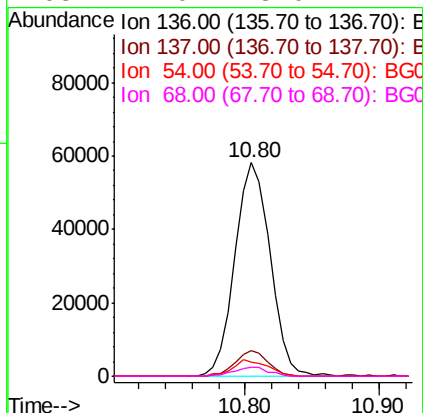
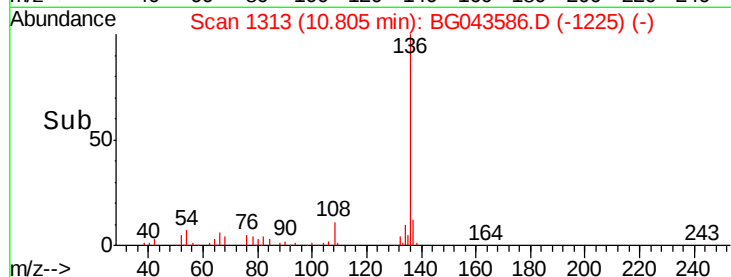
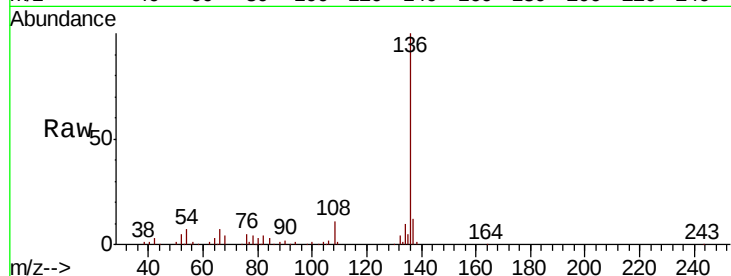




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

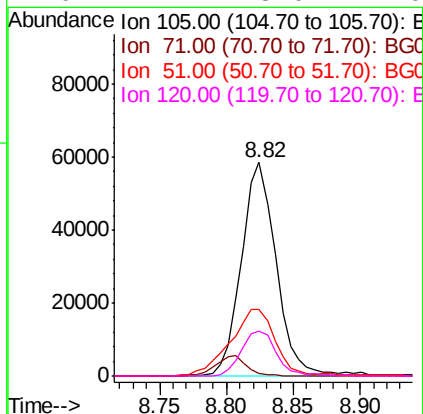
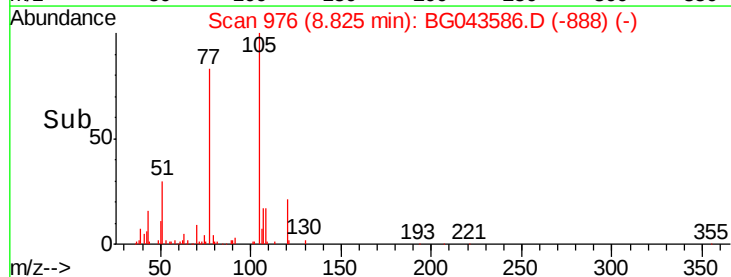
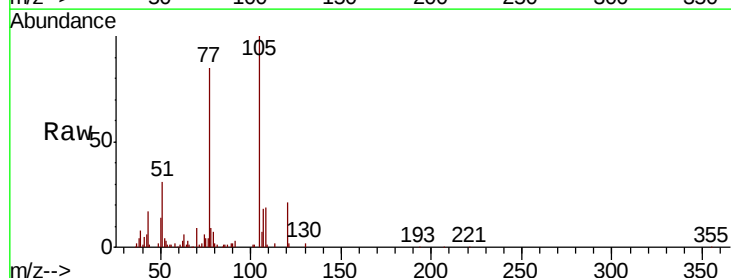
Instrument :
BNA_G
ClientSampleId :
PB124640BS

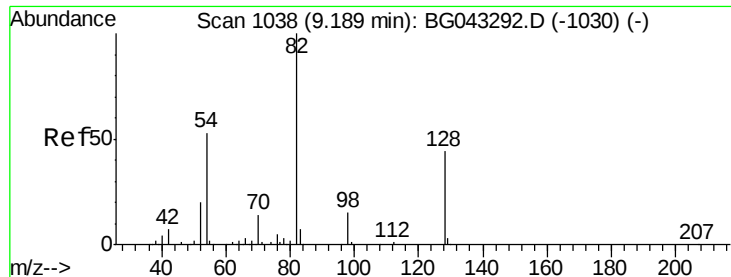
Tot Ion:136	Resp:	106709
Ion	Ratio	Lower Upper
136	100	
137	11.9	8.7 13.1
54	6.8	5.4 8.2
68	4.0	3.0 4.4



#22
Acetophenone
Concen: 38.422 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:105	Resp:	104996
Ion	Ratio	Lower Upper
105	100	
71	1.4	0.8 1.2#
51	31.4	21.0 31.4
120	21.2	18.0 27.0

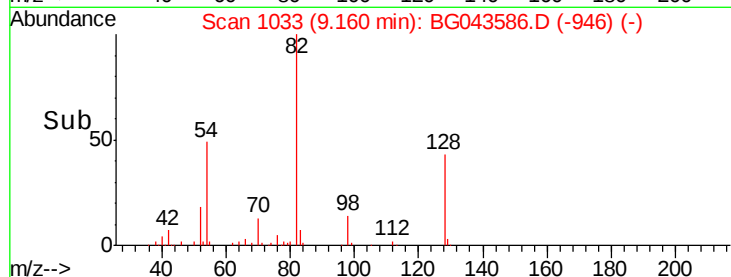
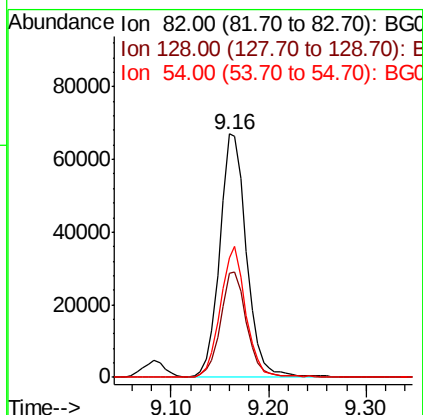
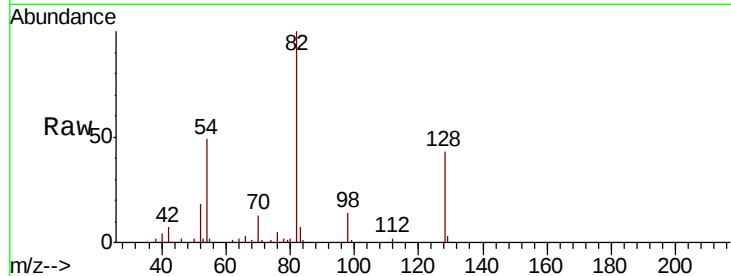




#23
Nitrobenzene-d5
Concen: 61.611 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

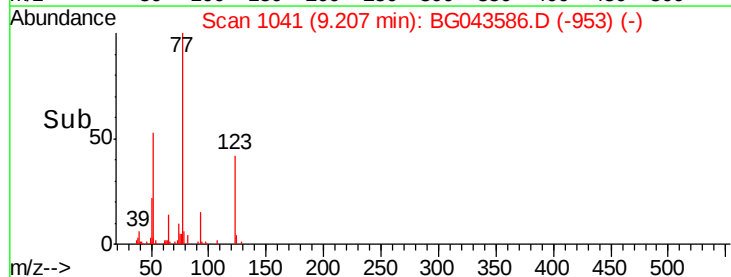
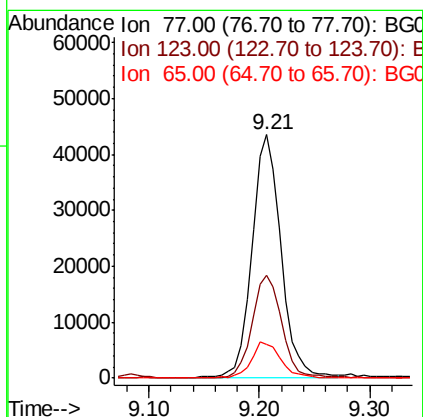
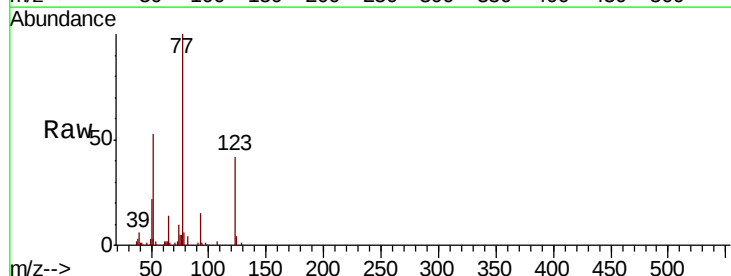
Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	82	Resp	127525
Ion Ratio	Lower	Upper	
82	100		
128	42.5	35.0	52.6
54	49.3	40.2	60.2



#24
Nitrobenzene
Concen: 40.847 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	77	Resp	80539
Ion Ratio	Lower	Upper	
77	100		
123	42.2	35.0	52.6
65	13.9	9.5	14.3





#25

Isophorone

Concen: 40.224 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

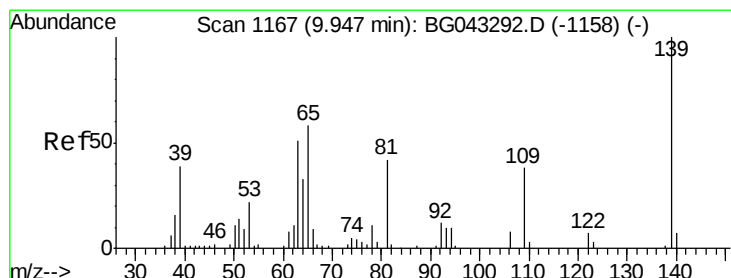
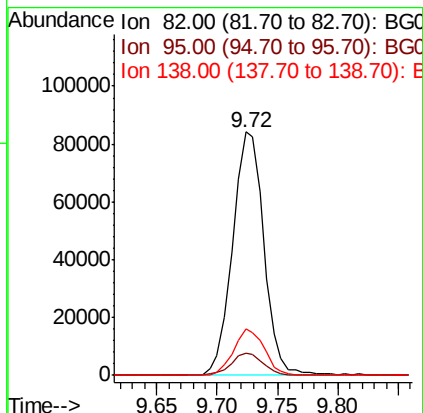
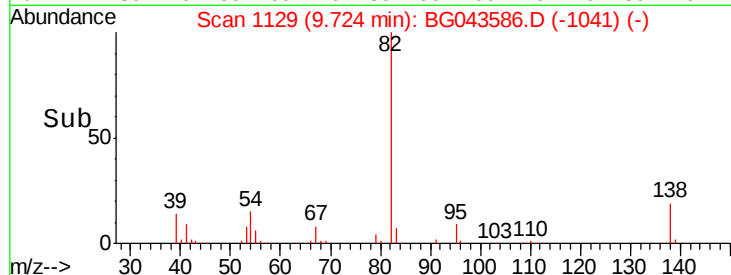
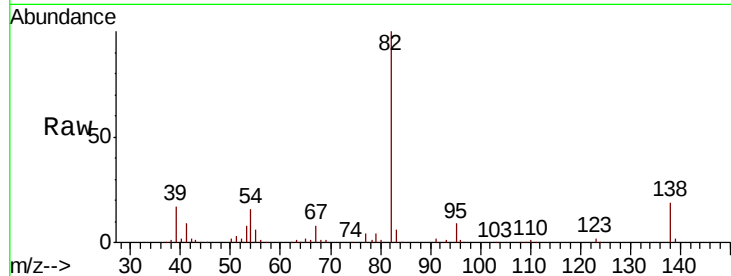
Tot Ion: 82 Resp: 152216

Ion Ratio Lower Upper

82 100

95 9.1 6.6 9.8

138 19.0 15.2 22.8



#26

2-Nitrophenol

Concen: 43.393 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

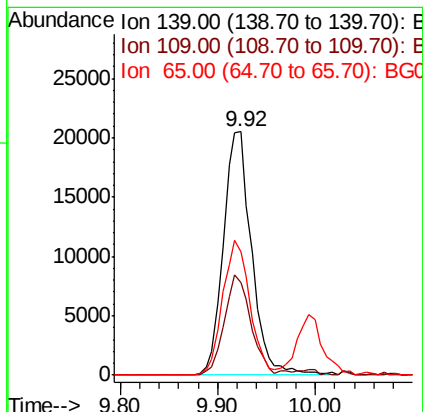
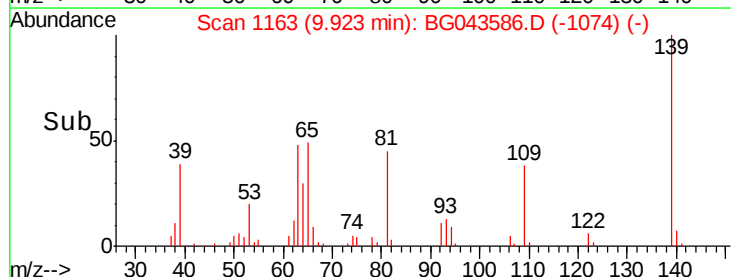
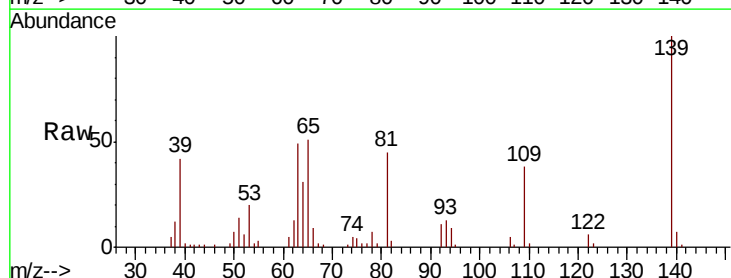
Tgt Ion: 139 Resp: 41307

Ion Ratio Lower Upper

139 100

109 38.1 26.5 39.7

65 50.8 43.8 65.8

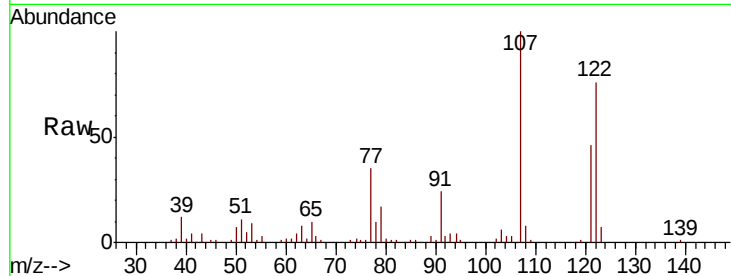




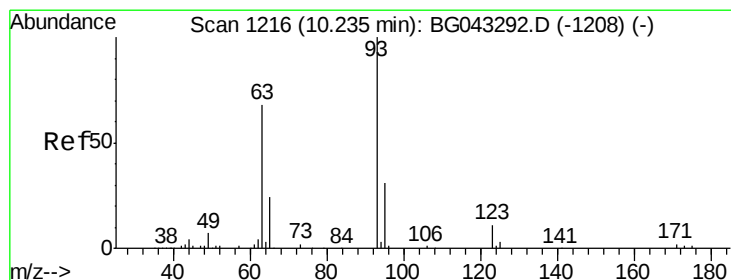
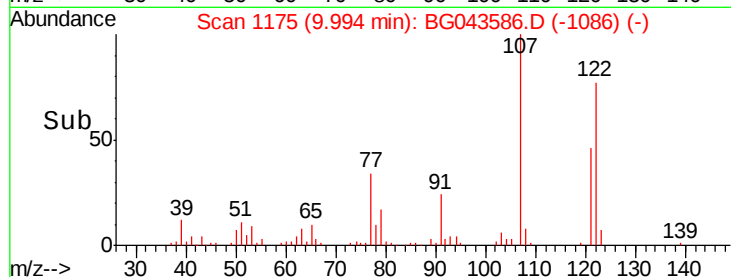
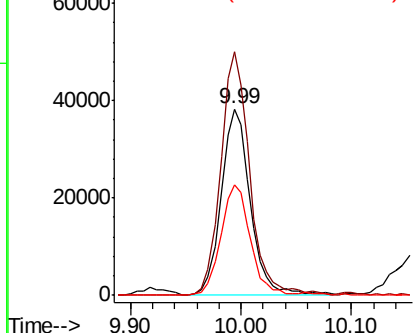
#27
2,4-Dimethylphenol
Concen: 51.653 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:122 Resp: 70473
Ion Ratio Lower Upper
122 100
107 130.8 104.4 156.6
121 59.7 47.2 70.8

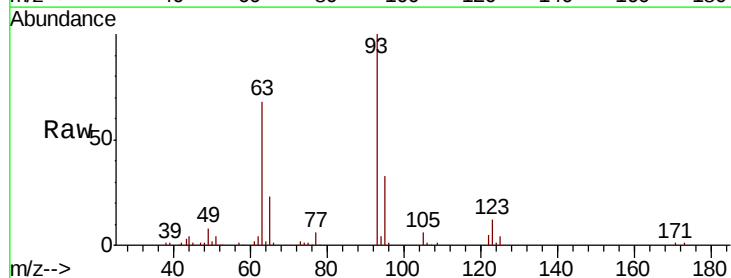


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

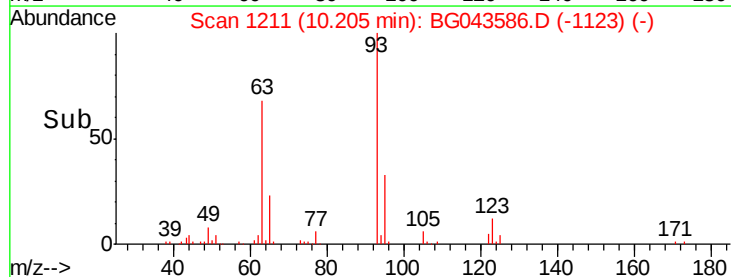
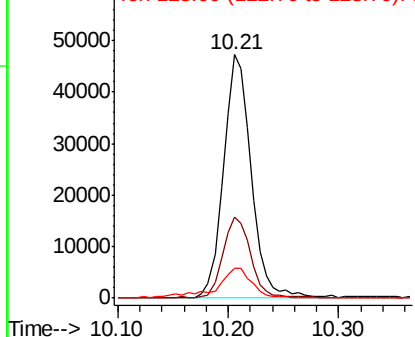


#28
bis(2-Chloroethoxy)methane
Concen: 39.840 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion: 93 Resp: 83209
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 12.4 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

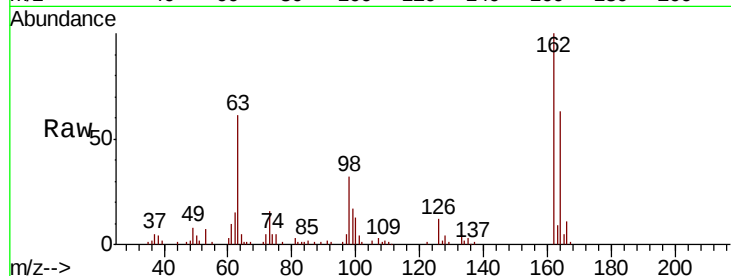




#29
2,4-Dichlorophenol
Concen: 45.212 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	48.9	88.9
98	31.7	15.1	55.1

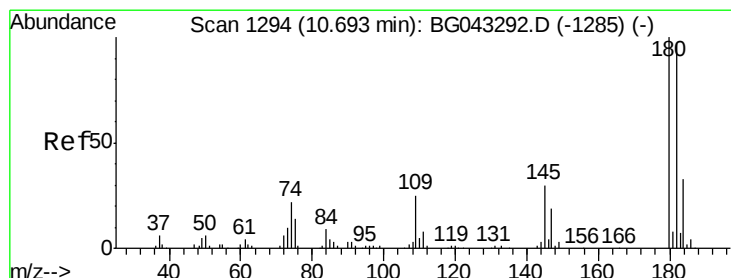
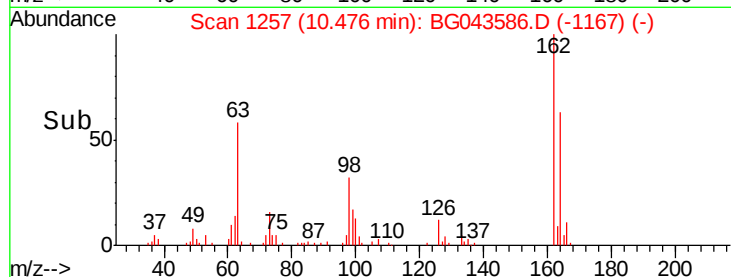
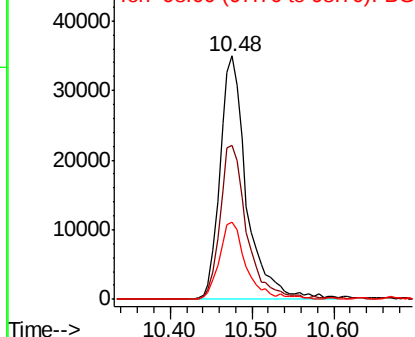


Abundance

Ion 162.00 (161.70 to 162.70): E

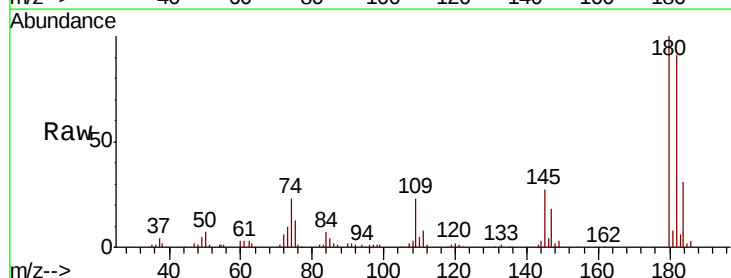
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 38.542 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.5	75.1	112.7
145	27.2	23.9	35.9

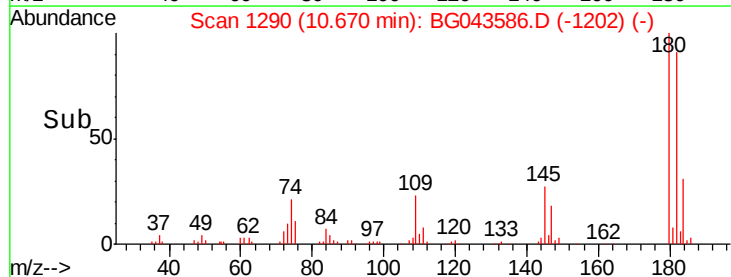
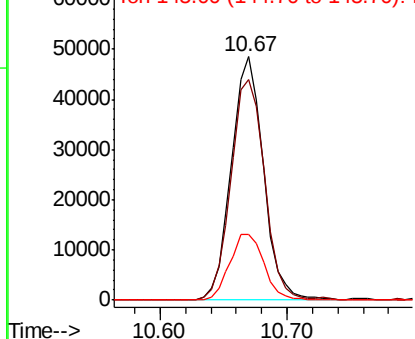


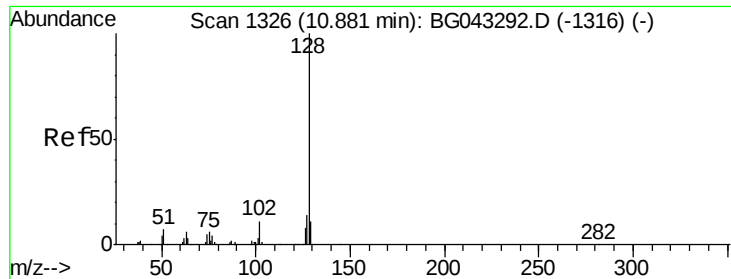
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

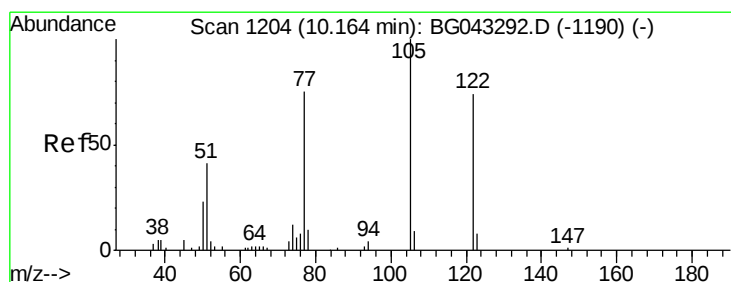
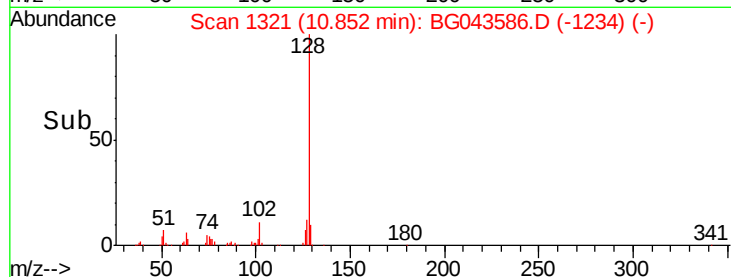
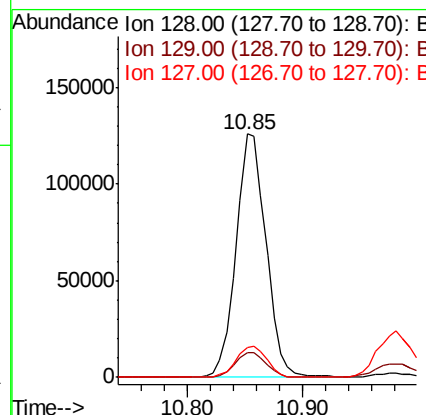
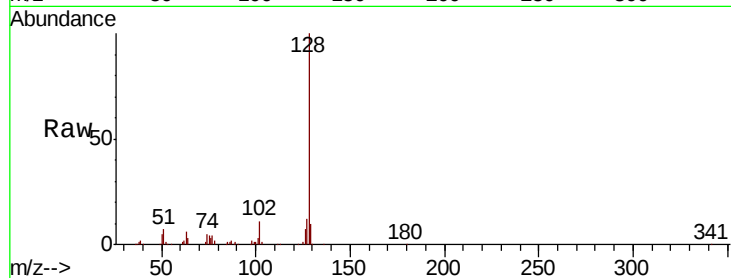




#31
Naphthalene
Concen: 41.727 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

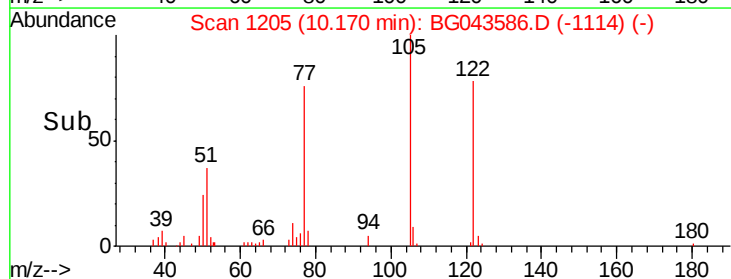
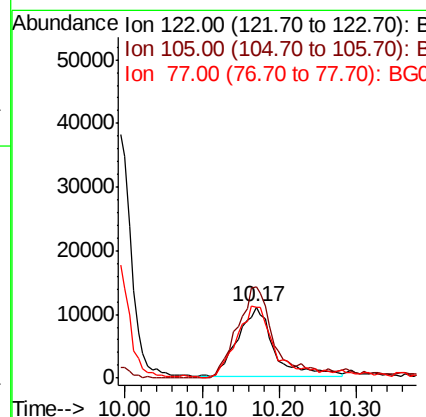
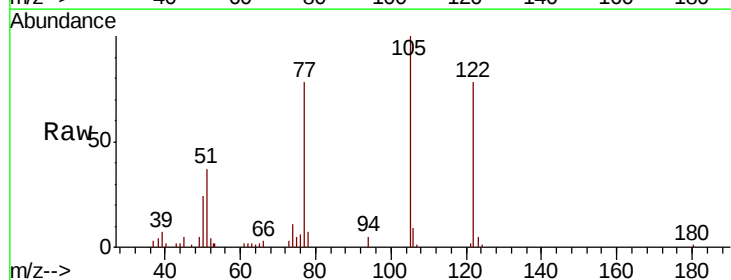
Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:128 Resp: 226012
Ion Ratio Lower Upper
128 100
129 10.3 9.4 14.0
127 12.5 11.1 16.7



#32
Benzoic acid
Concen: 37.573 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:122 Resp: 36619
Ion Ratio Lower Upper
122 100
105 128.6 103.3 143.3
77 99.8 84.9 124.9

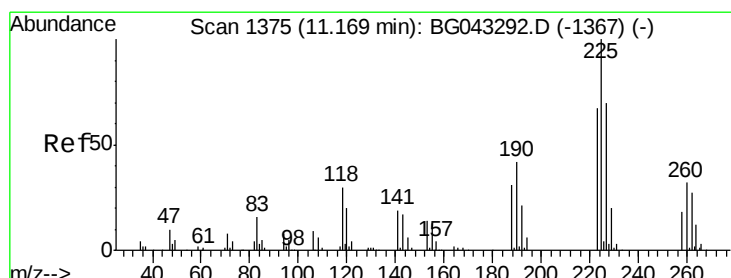
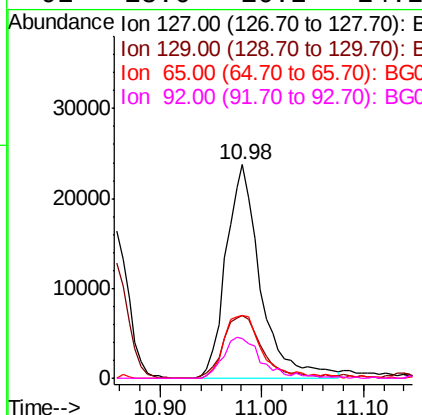
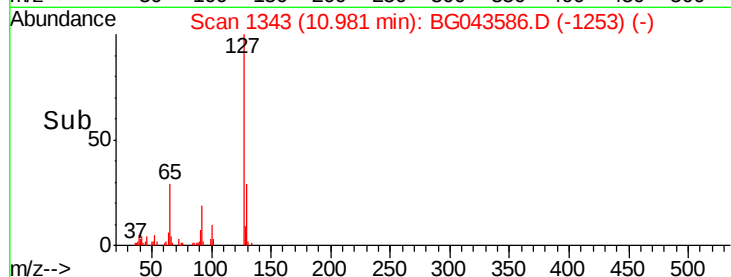
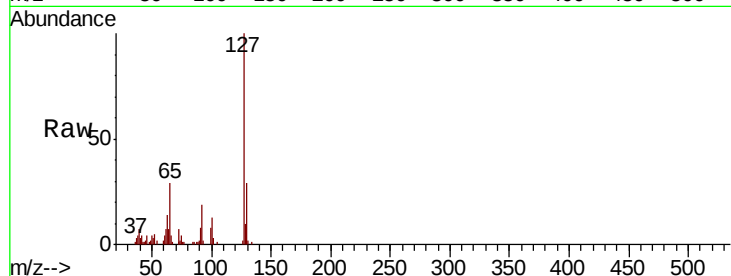




#33
4-Chloroaniline
Concen: 25.196 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

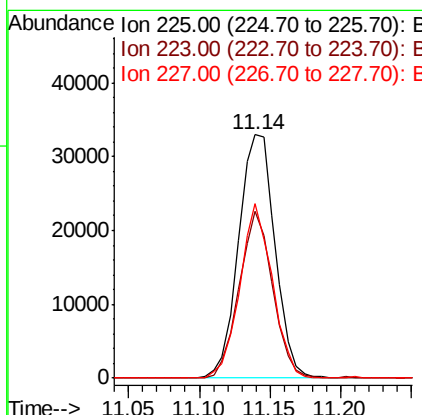
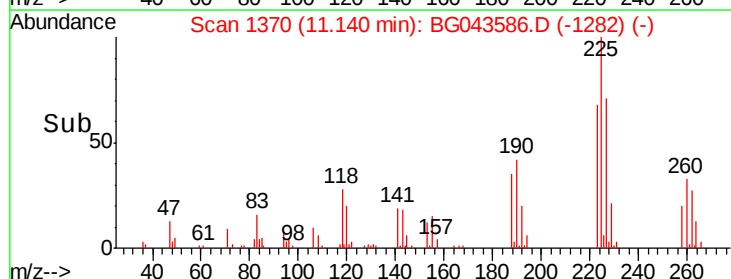
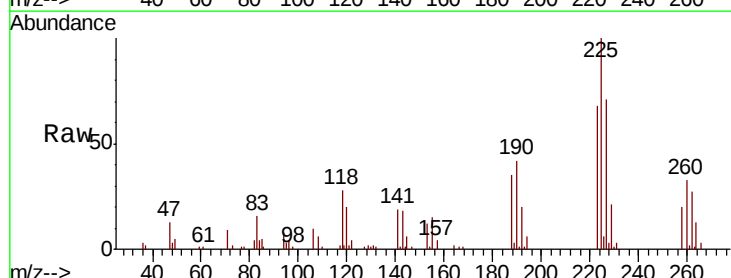
Instrument :
BNA_G
ClientSampleId :
PB124640BS

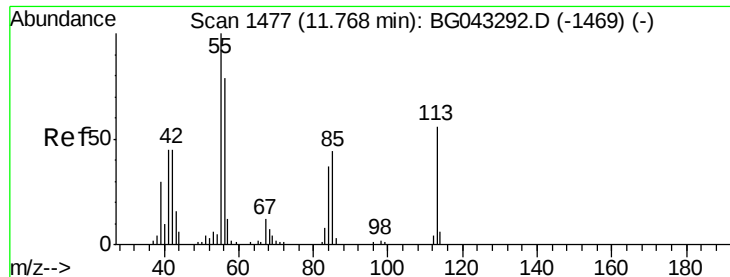
Tot Ion:127	Resp:	55943
Ion Ratio	Lower	Upper
127	100	
129	29.5	26.5 39.7
65	29.2	26.4 39.6
92	18.6	16.2 24.2



#34
Hexachlorobutadiene
Concen: 36.503 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:225	Resp:	59453
Ion Ratio	Lower	Upper
225	100	
223	68.4	52.7 79.1
227	71.5	54.8 82.2





#35

Caprolactam

Concen: 21.994 ng

RT: 11.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

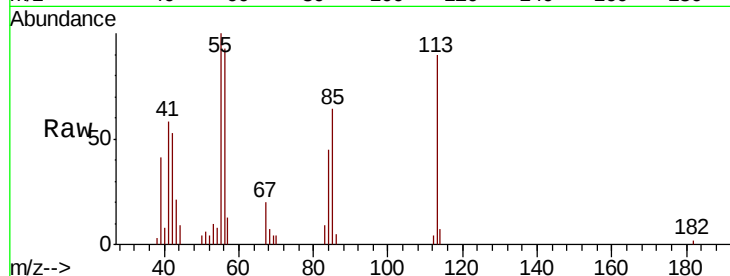
Tot Ion:113 Resp: 13242

Ion Ratio Lower Upper

113 100

55 111.7 134.1 174.1#

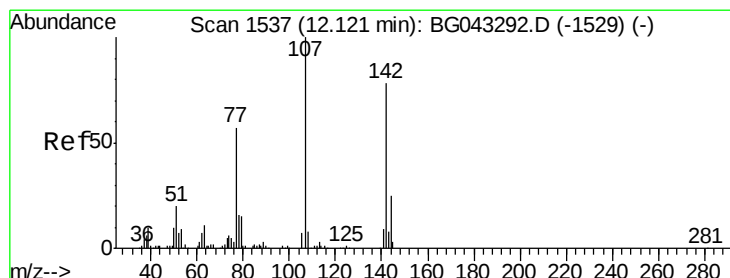
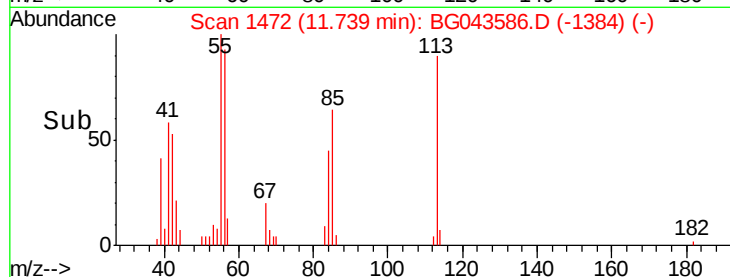
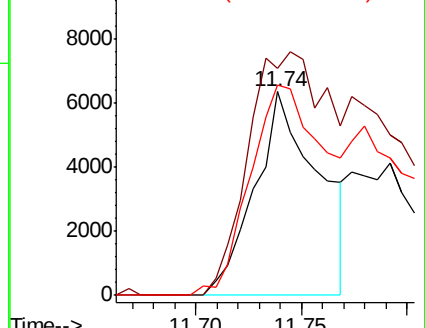
56 103.4 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.800 ng

RT: 12.11 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

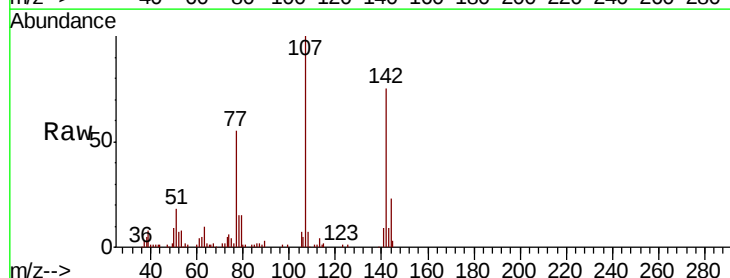
Tgt Ion:107 Resp: 85426

Ion Ratio Lower Upper

107 100

144 23.2 20.9 31.3

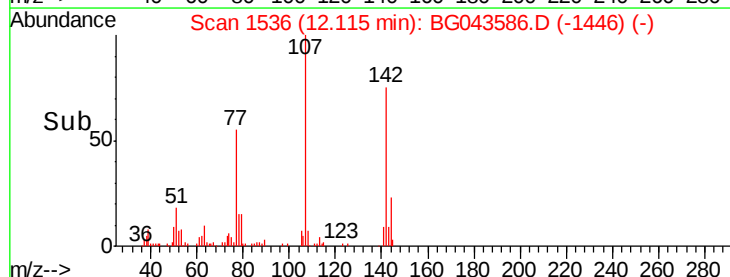
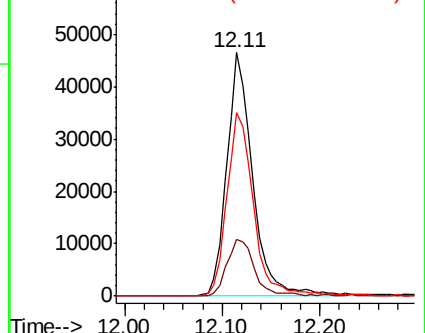
142 75.4 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

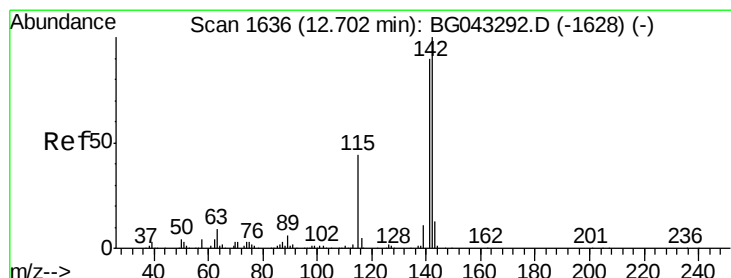
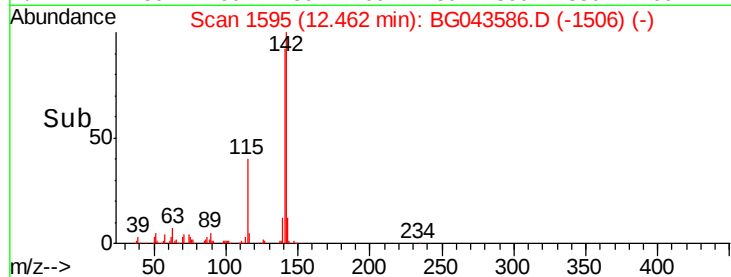
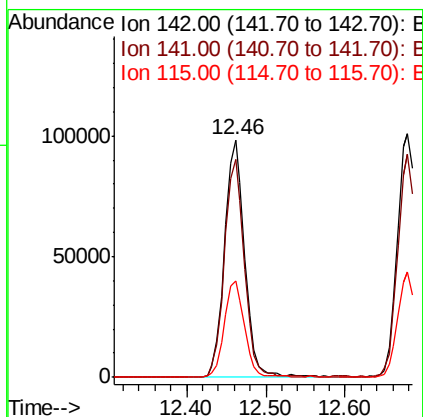
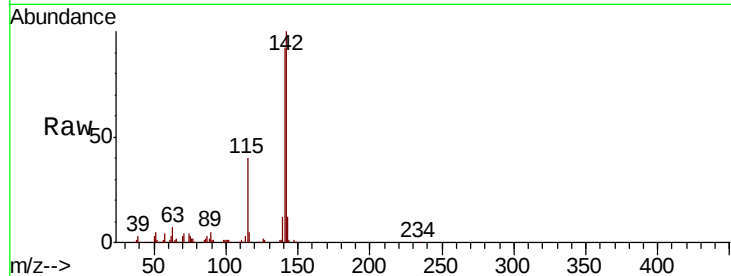




#37
2-Methylnaphthalene
Concen: 41.686 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

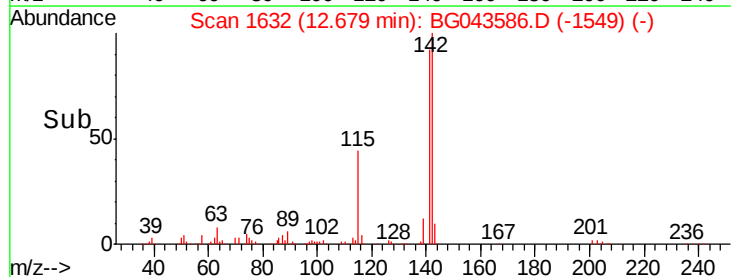
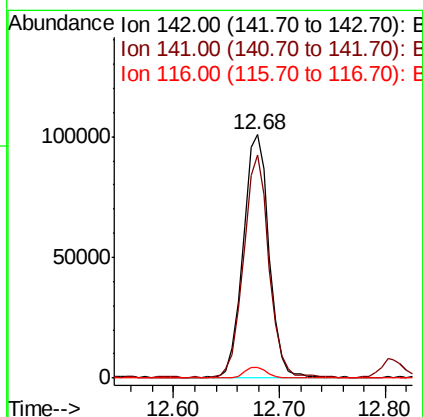
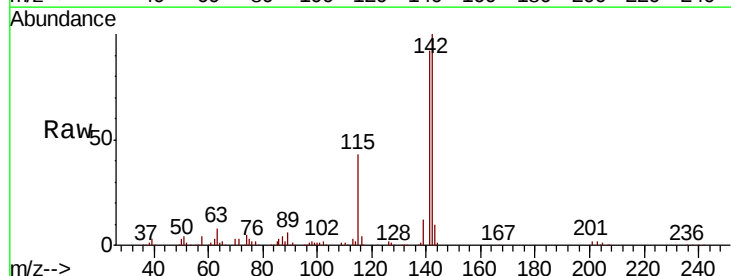
Instrument :
BNA_G
ClientSampleId :
PB124640BS

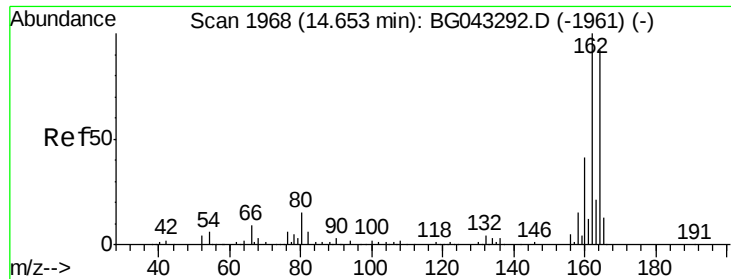
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.2
115	40.4	33.2	49.8



#38
1-Methylnaphthalene
Concen: 42.970 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8
116	4.4	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

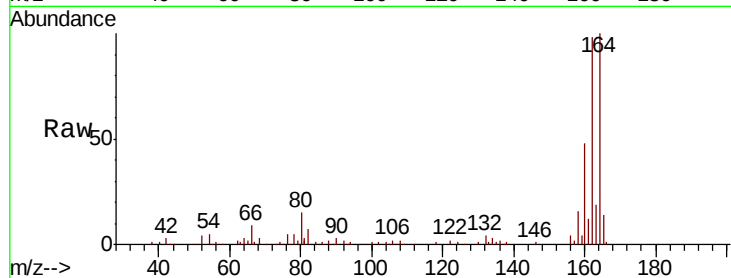
Tot Ion:164 Resp: 77876

Ion Ratio Lower Upper

164 100

162 97.9 83.5 125.3

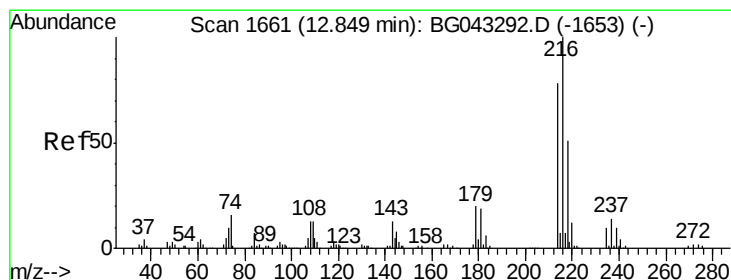
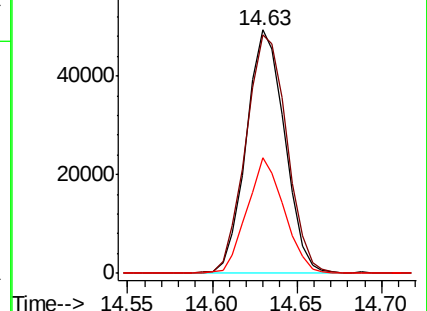
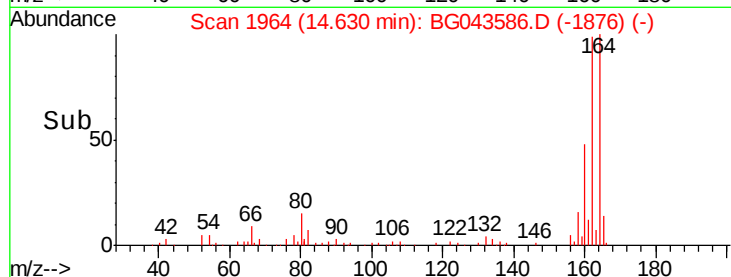
160 47.7 36.5 54.7



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.432 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:216 Resp: 113647

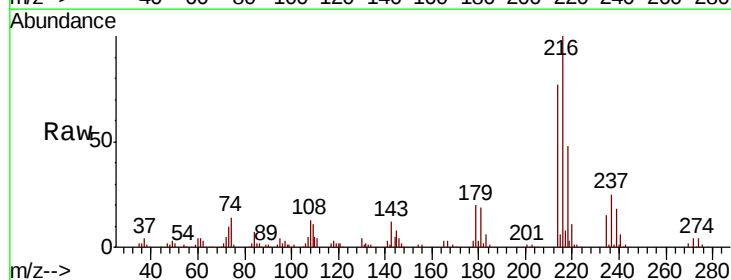
Ion Ratio Lower Upper

216 100

214 76.5 61.7 92.5

179 19.6 15.8 23.8

108 15.7 11.5 17.3

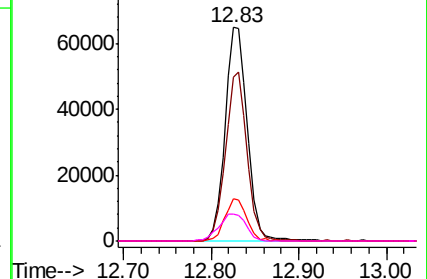
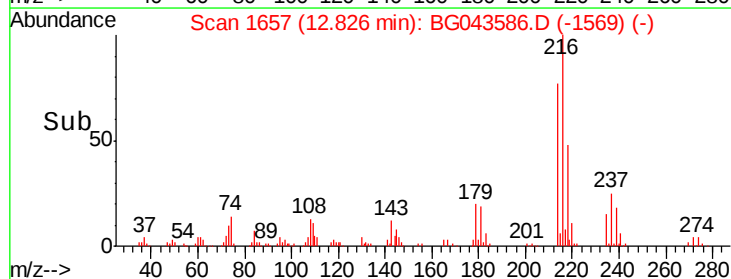


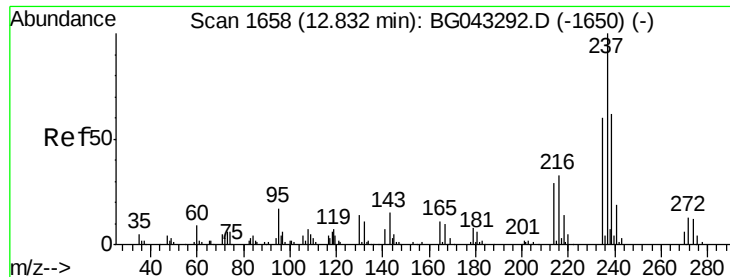
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.138 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

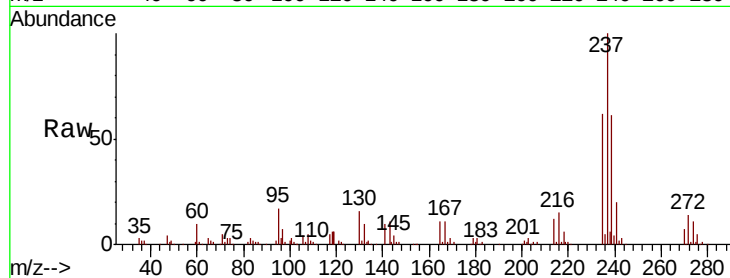
Tot Ion:237 Resp: 119812

Ion Ratio Lower Upper

237 100

235 62.0 41.6 81.6

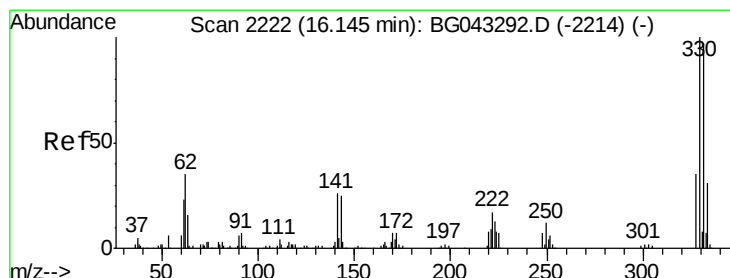
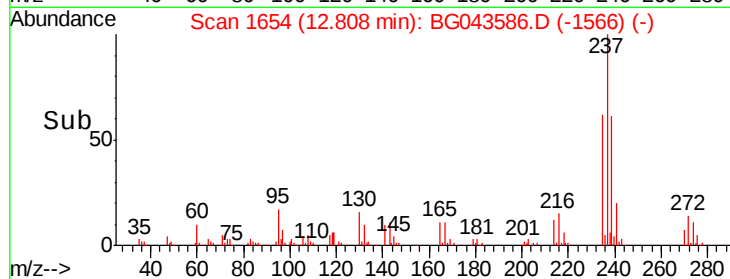
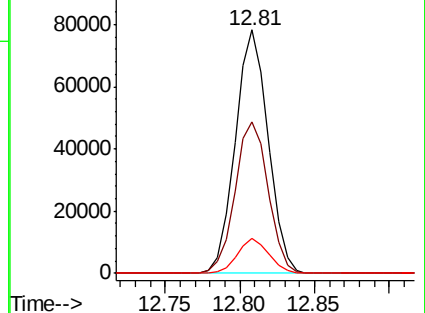
272 14.1 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 109.154 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

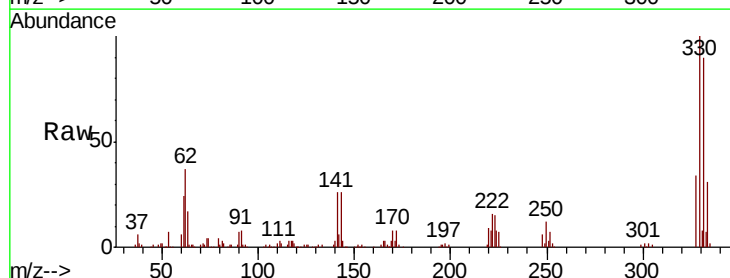
Tgt Ion:330 Resp: 161764

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.0

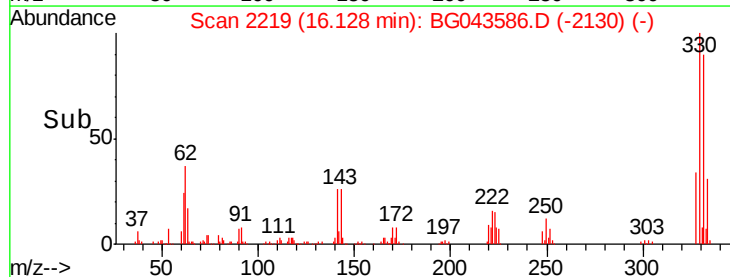
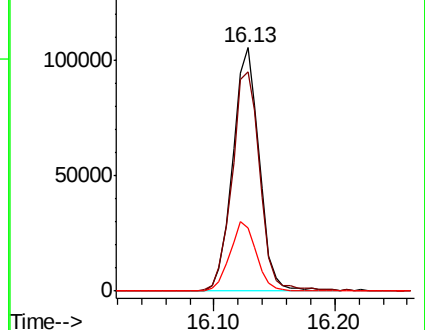
141 28.6 22.8 34.2

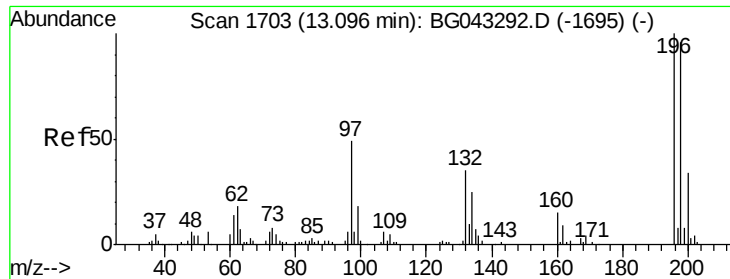


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

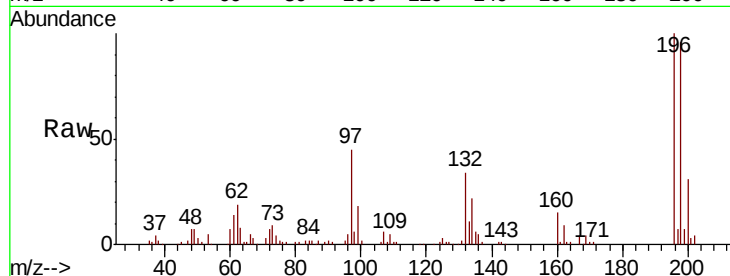




#43
 2,4,6-Trichlorophenol
 Concen: 41.836 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion	196	Resp	71007
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.8	113.6
200	31.2	23.9	35.9

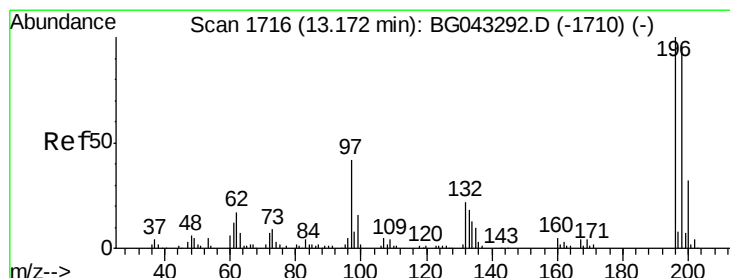
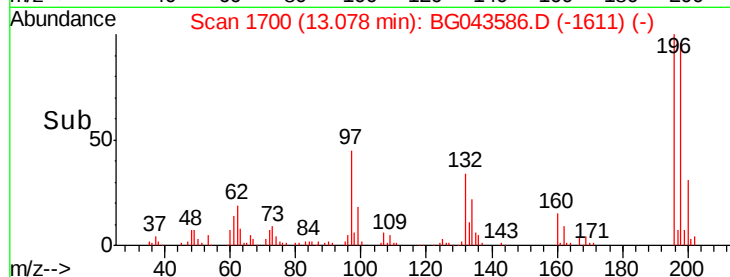
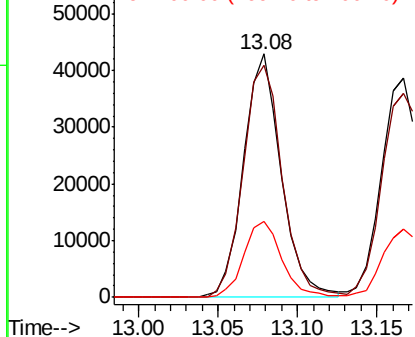


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.071 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion	196	Resp	75623
Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.5	111.7
97	42.3	36.3	54.5
132	24.2	17.4	26.2

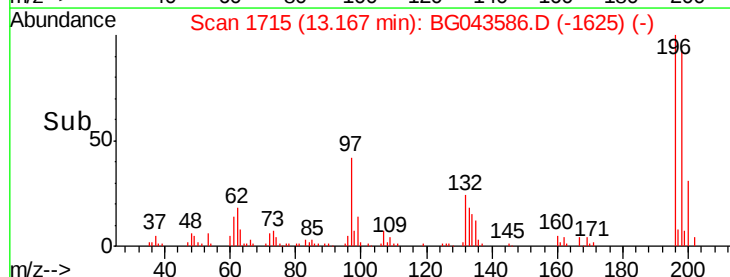
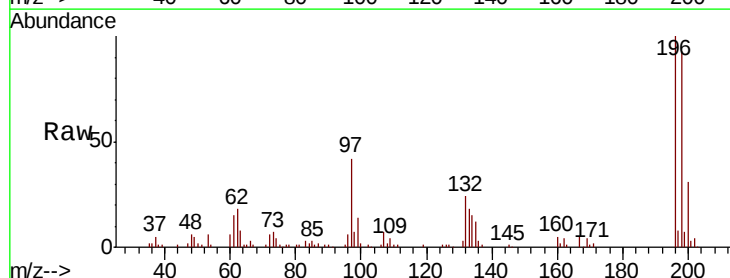
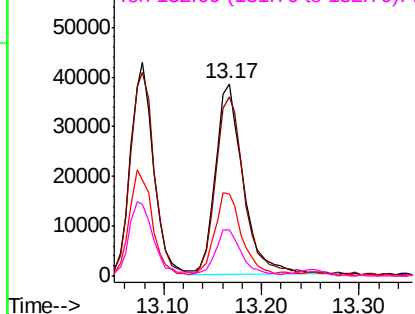
Abundance

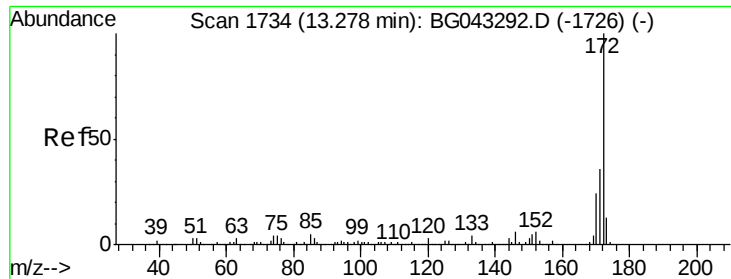
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

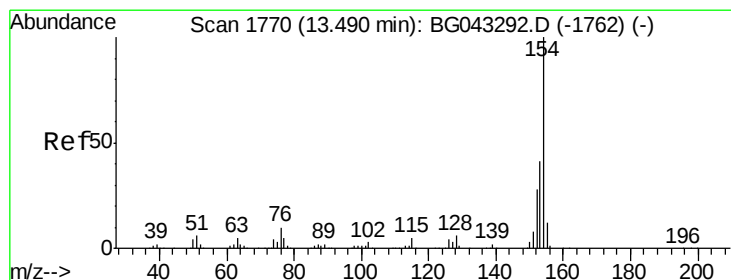
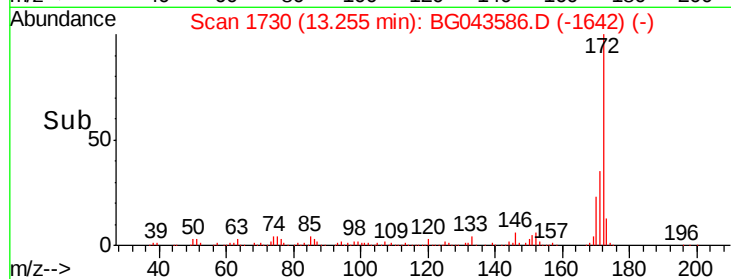
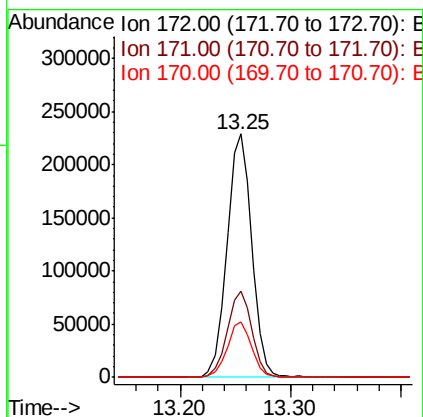
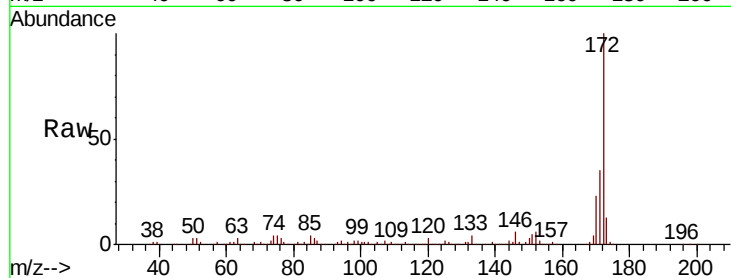




#45
 2-Fluorobiphenyl
 Concen: 63.715 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

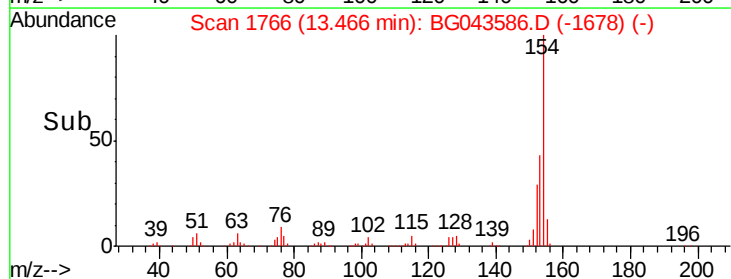
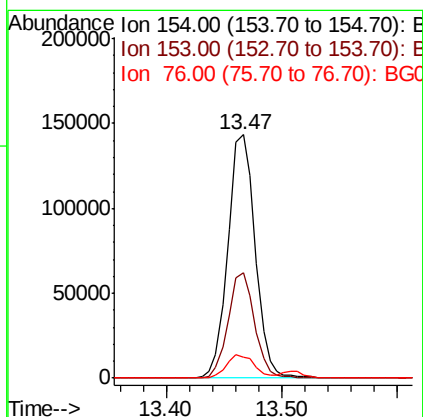
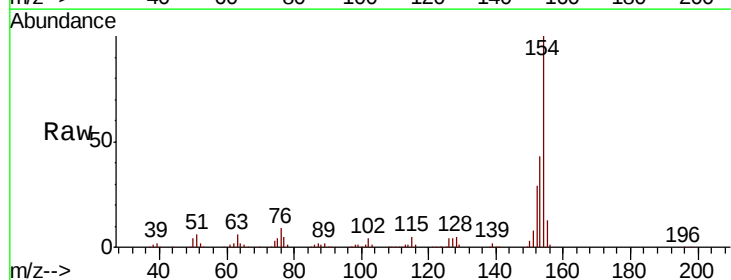
Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

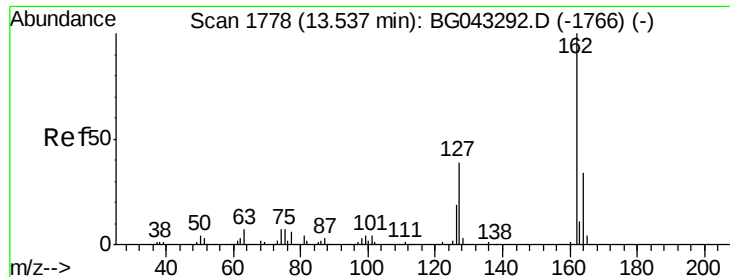
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	22.7	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 39.850 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.9	59.9
76	8.6	0.0	29.4

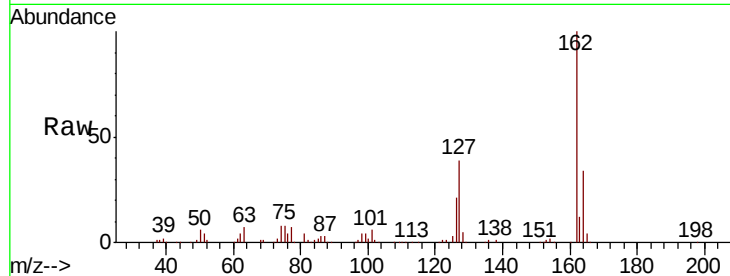




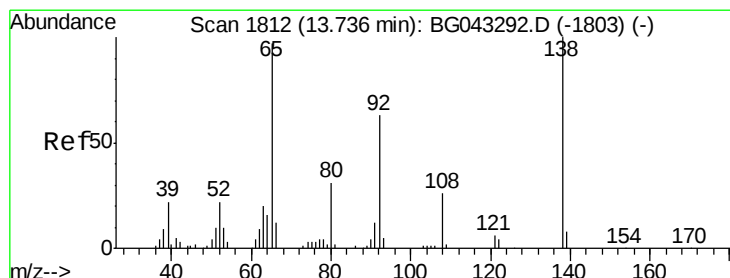
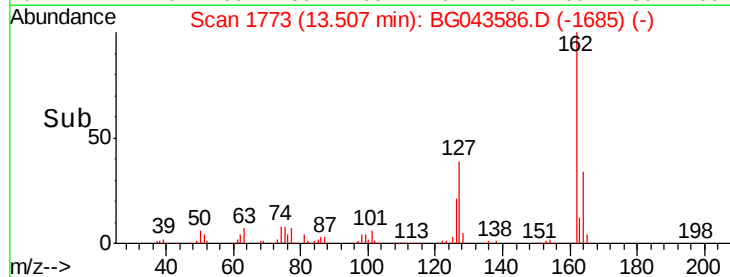
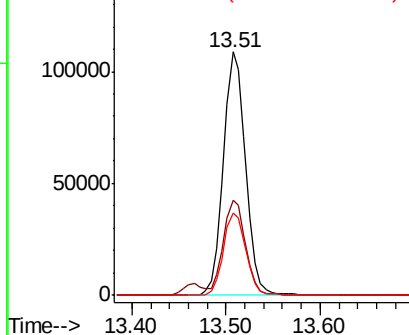
#47
2-Chloronaphthalene
Concen: 39.765 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:162 Resp: 179248
Ion Ratio Lower Upper
162 100
127 39.2 31.2 46.8
164 33.9 25.8 38.8

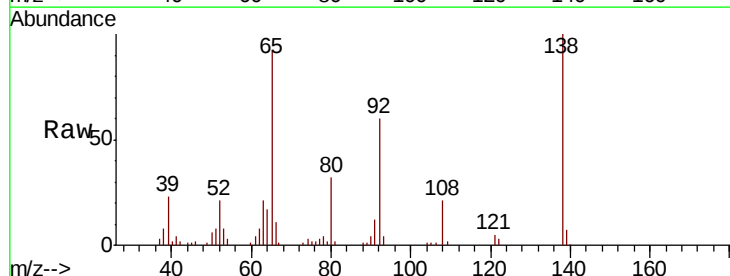


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

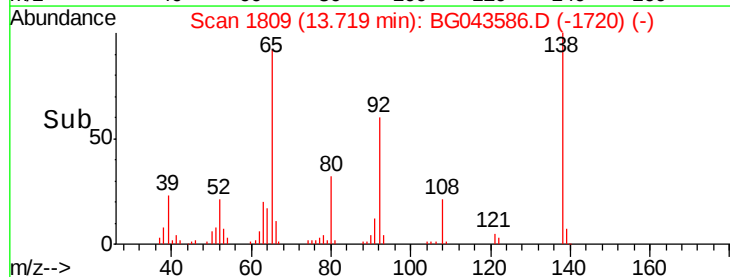
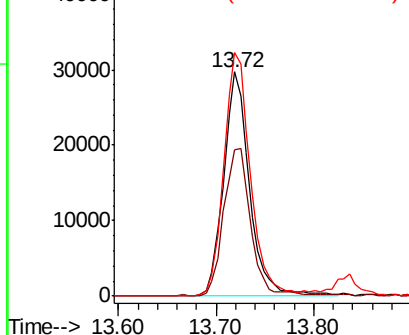


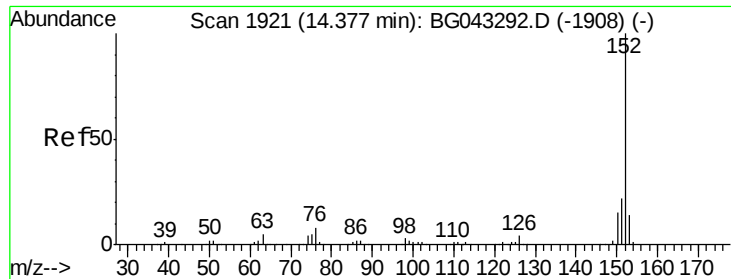
#48
2-Nitroaniline
Concen: 40.650 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion: 65 Resp: 54766
Ion Ratio Lower Upper
65 100
92 65.6 56.2 84.2
138 108.8 82.6 123.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.925 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

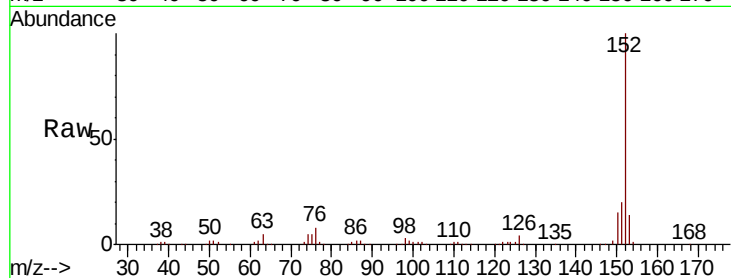
Tot Ion:152 Resp: 301146

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

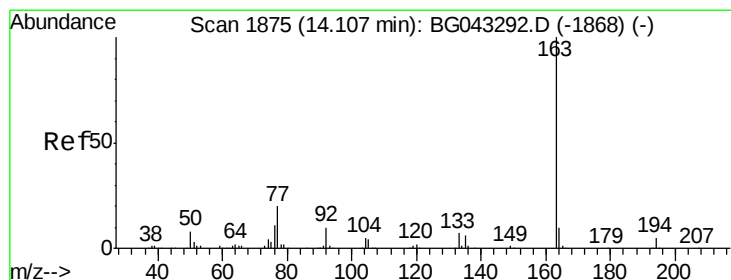
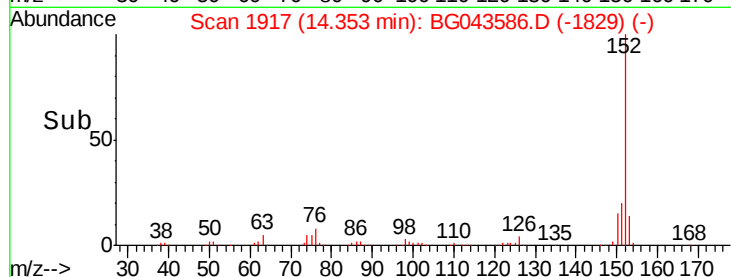
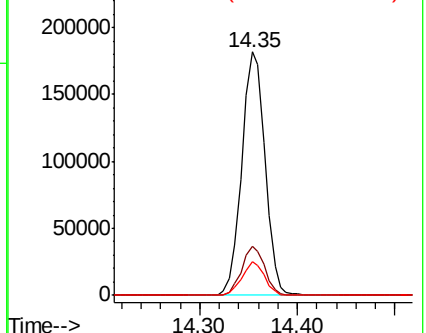
153 13.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.009 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

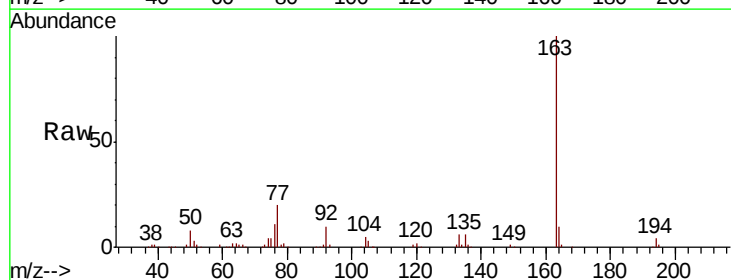
Tgt Ion:163 Resp: 247365

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

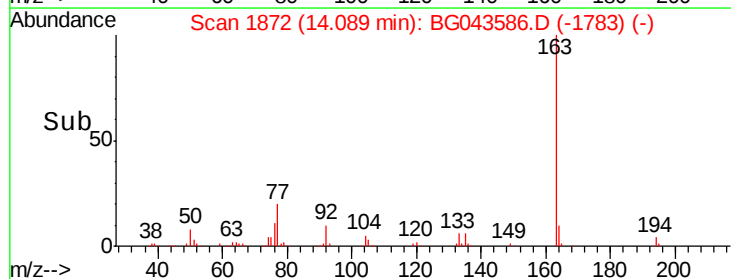
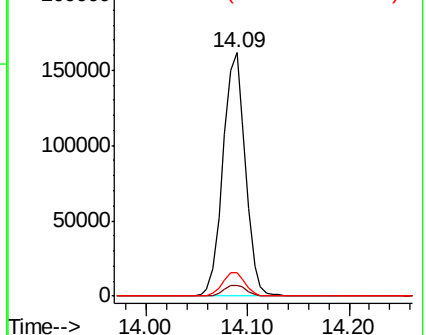
164 9.8 8.9 13.3



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

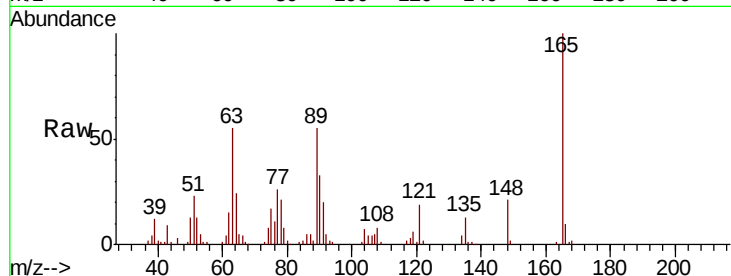




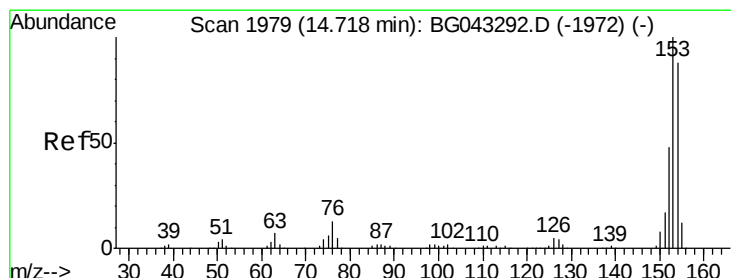
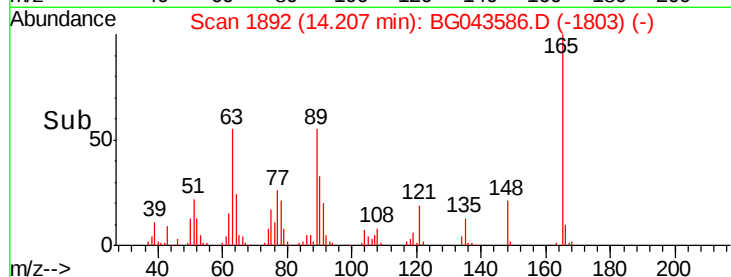
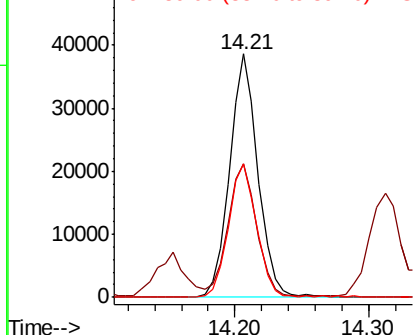
#51
2,6-Dinitrotoluene
Concen: 43.397 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:165 Resp: 56869
Ion Ratio Lower Upper
165 100
63 54.8 46.6 69.8
89 54.7 45.1 67.7

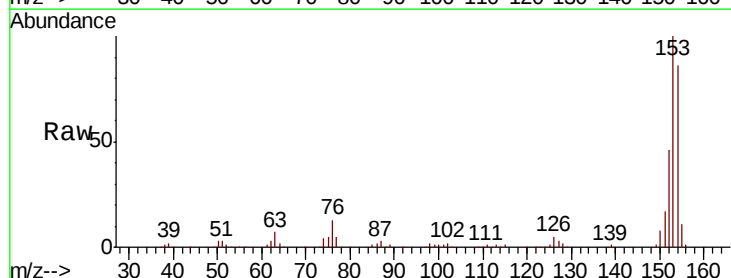


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

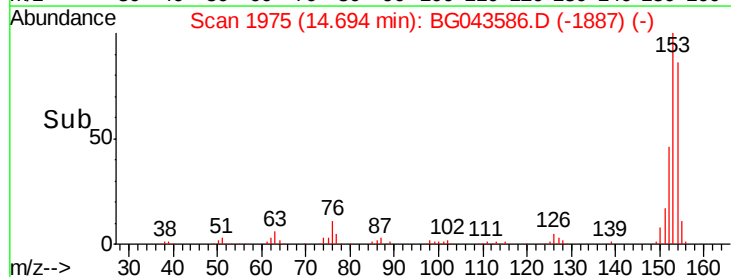
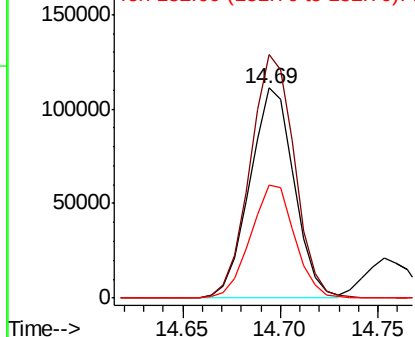


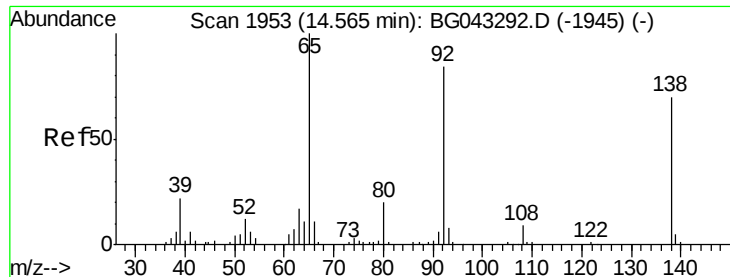
#52
Acenaphthene
Concen: 40.772 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:154 Resp: 174434
Ion Ratio Lower Upper
154 100
153 116.1 88.2 132.2
152 53.6 40.0 60.0



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: 28.842 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

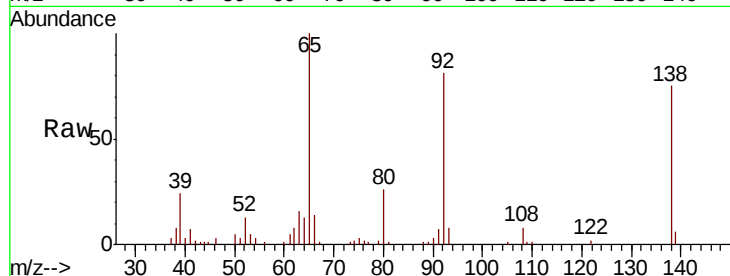
Tot Ion:138 Resp: 36491

Ion Ratio Lower Upper

138 100

108 11.1 8.0 12.0

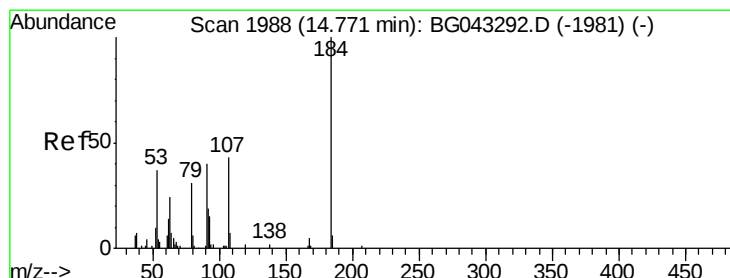
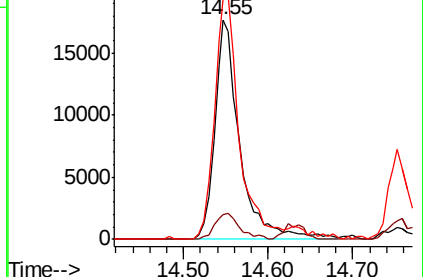
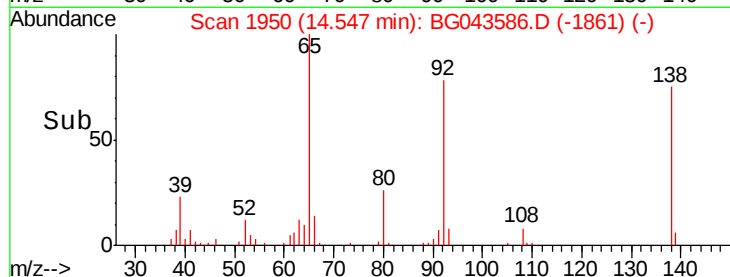
92 109.1 90.9 136.3



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



#54

2,4-Dinitrophenol

Concen: 70.233 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

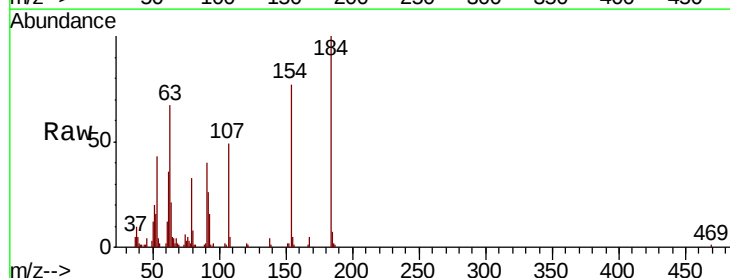
Tgt Ion:184 Resp: 56672

Ion Ratio Lower Upper

184 100

63 66.6 51.3 76.9

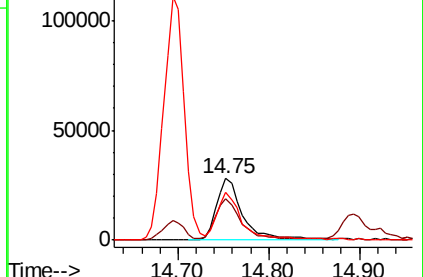
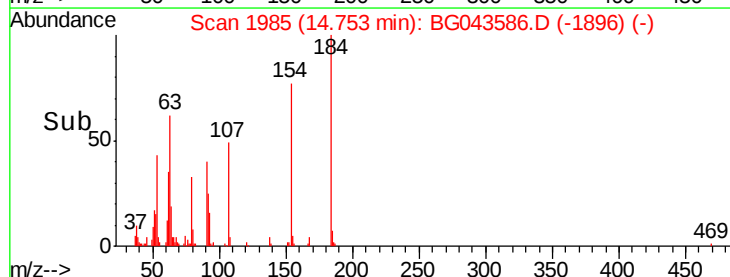
154 77.2 55.4 83.0

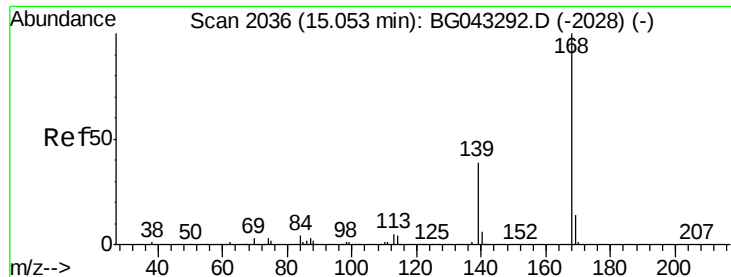


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

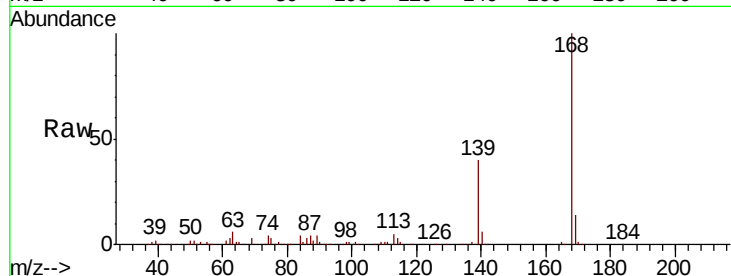




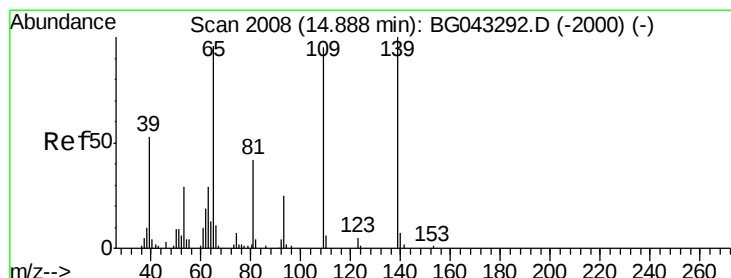
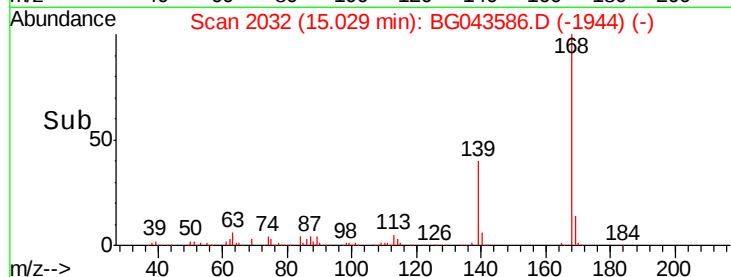
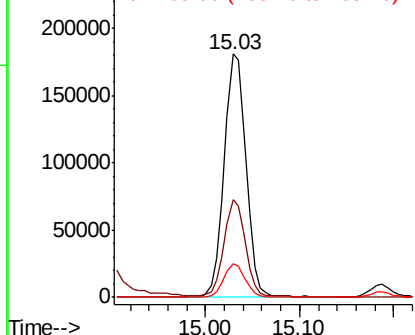
#55
Dibenzofuran
Concen: 42.497 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:168 Resp: 294842
Ion Ratio Lower Upper
168 100
139 40.0 31.0 46.6
169 13.7 11.7 17.5

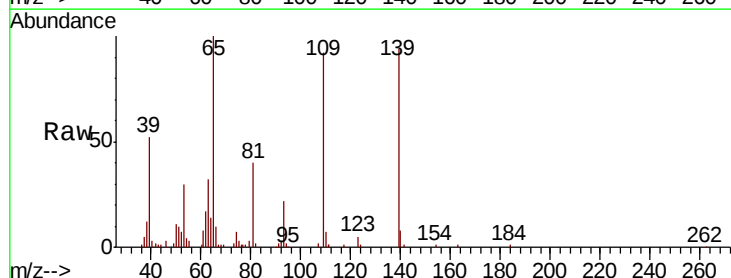


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

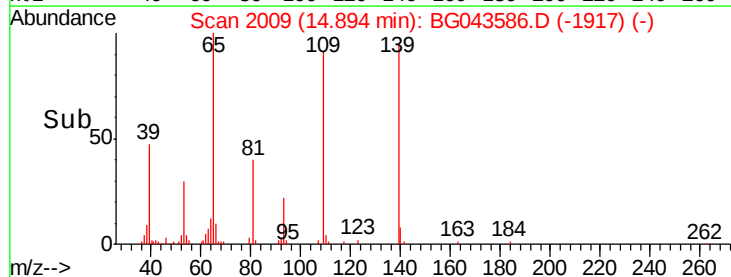
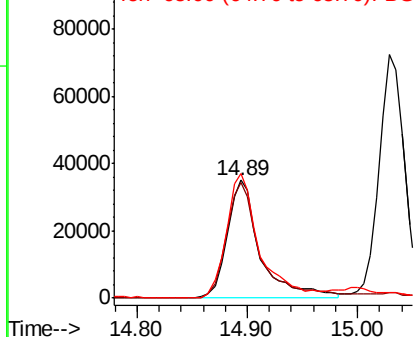


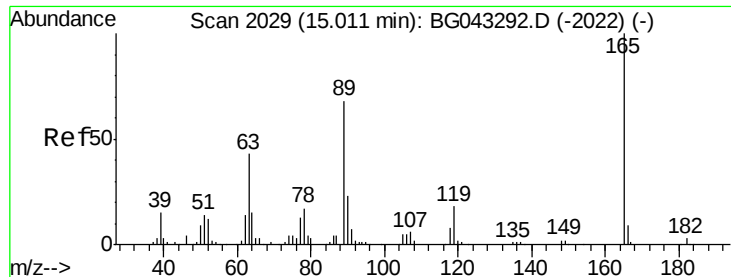
#56
4-Nitrophenol
Concen: 86.298 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:139 Resp: 73168
Ion Ratio Lower Upper
139 100
109 98.0 87.2 127.2
65 106.0 83.8 123.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

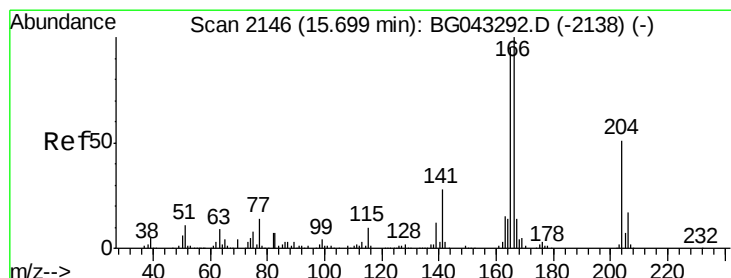
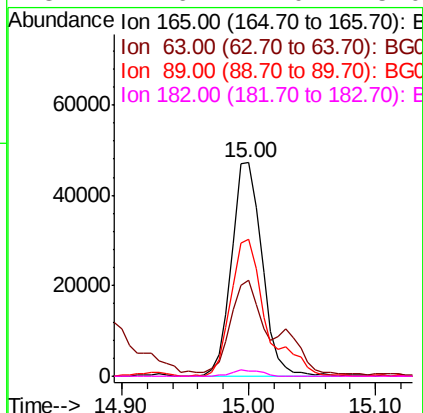
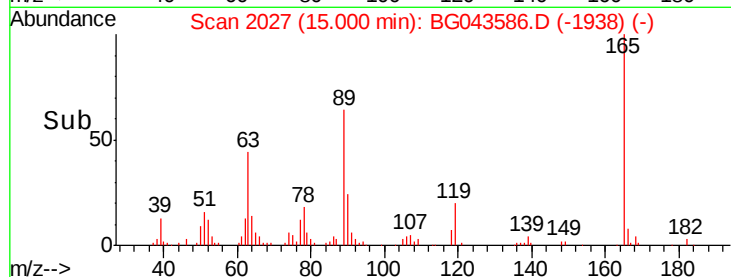
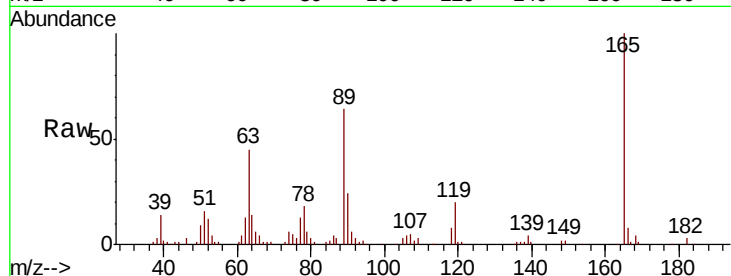




#57
2,4-Dinitrotoluene
Concen: 42.080 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

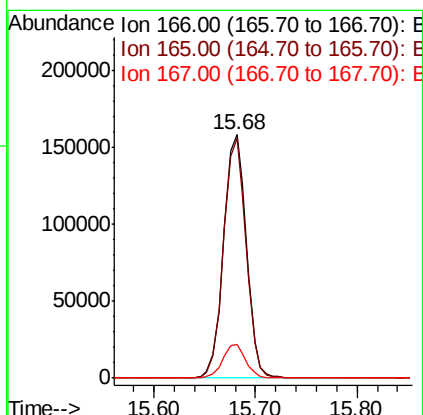
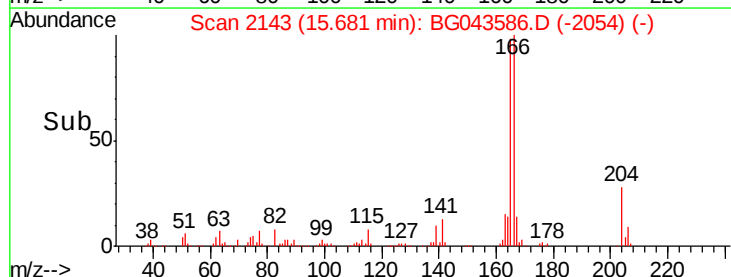
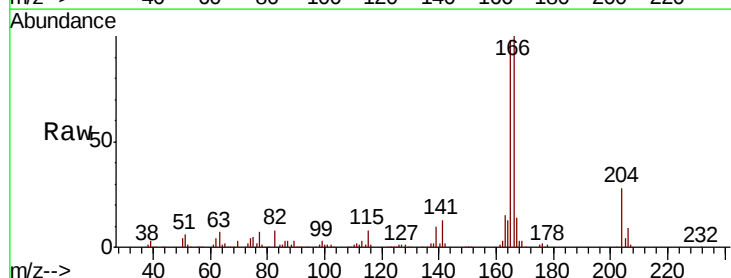
Instrument :
BNA_G
ClientSampleId :
PB124640BS

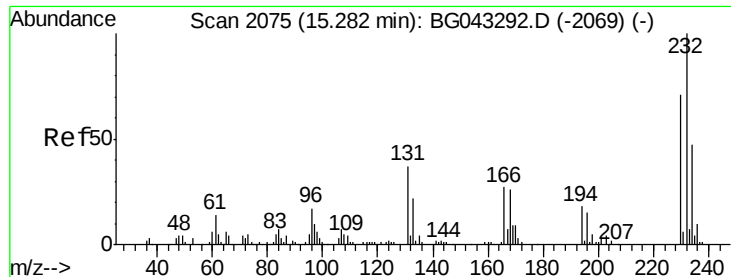
Tot Ion:165 Resp: 78806
Ion Ratio Lower Upper
165 100
63 44.8 33.2 49.8
89 64.4 52.2 78.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 42.447 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:166 Resp: 247002
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 13.8 10.5 15.7

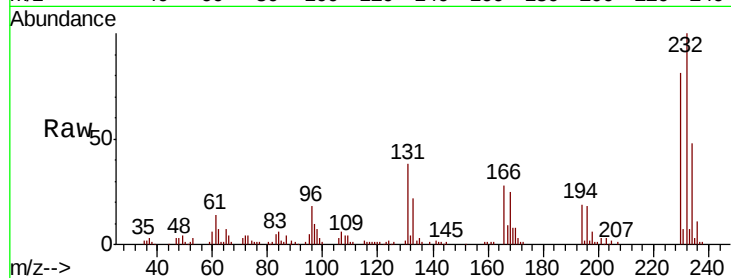




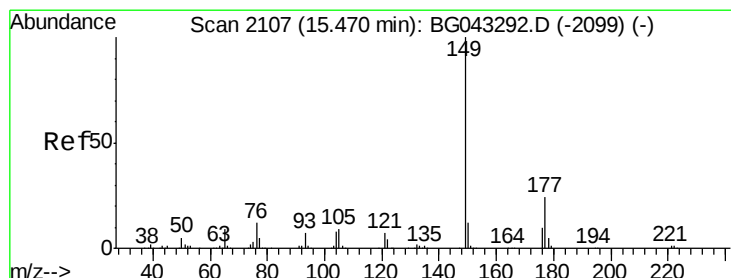
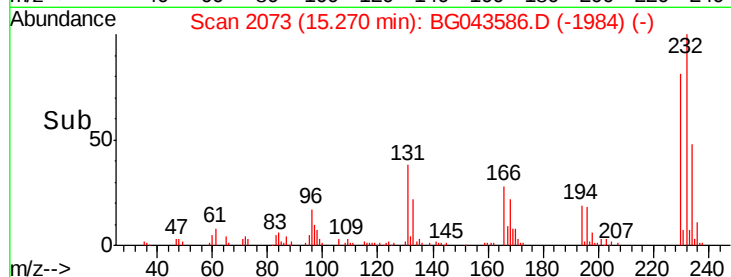
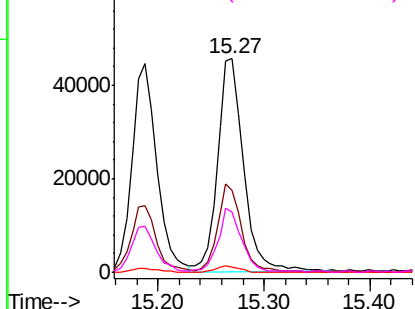
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.544 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion:	232	Resp:	77561
Ion	Ratio	Lower	Upper
232	100		
131	38.8	26.9	40.3
130	2.4	1.8	2.6
166	28.2	20.9	31.3

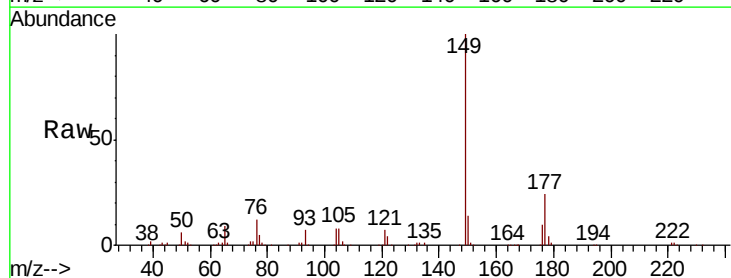


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

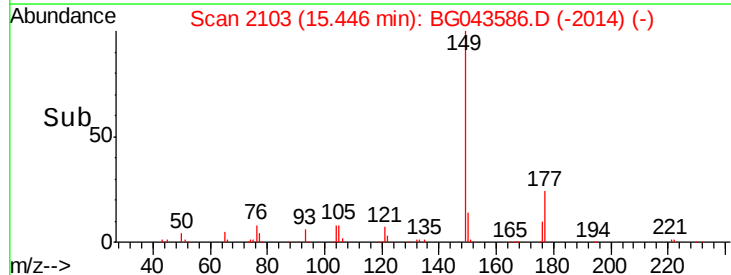
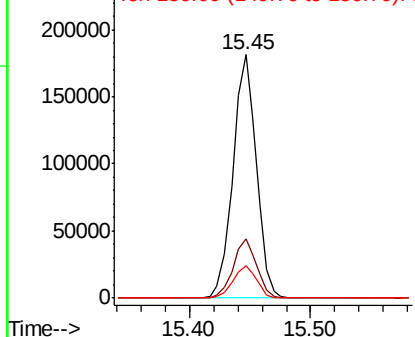


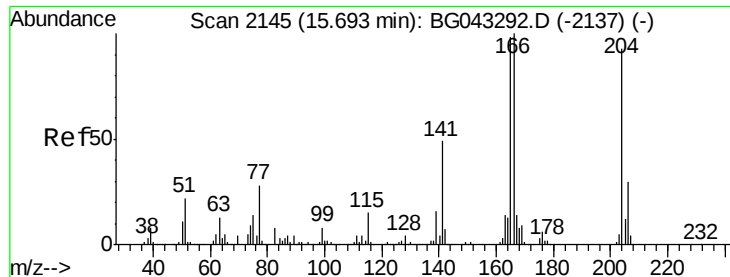
#60
 Diethylphthalate
 Concen: 40.401 ng
 RT: 15.45 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion:	149	Resp:	244867
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.6	29.4
150	13.5	10.8	16.2



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

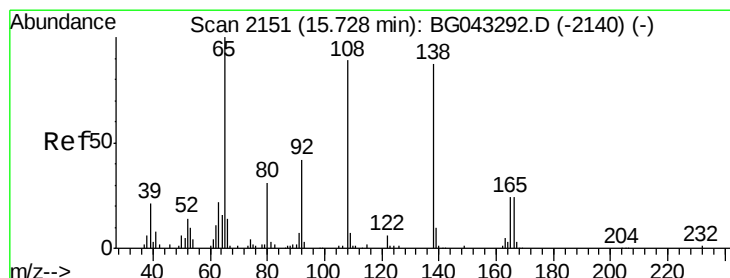
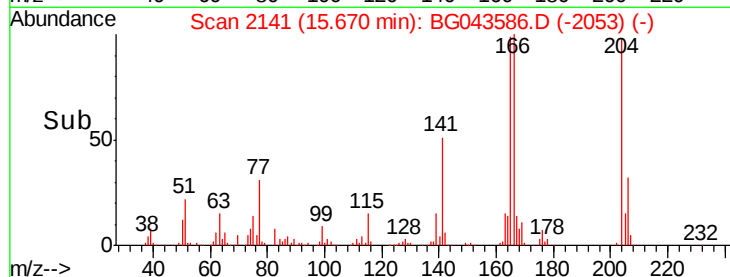
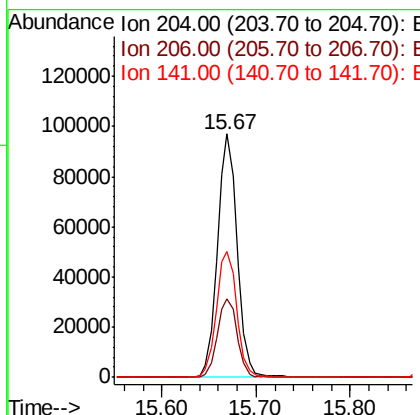
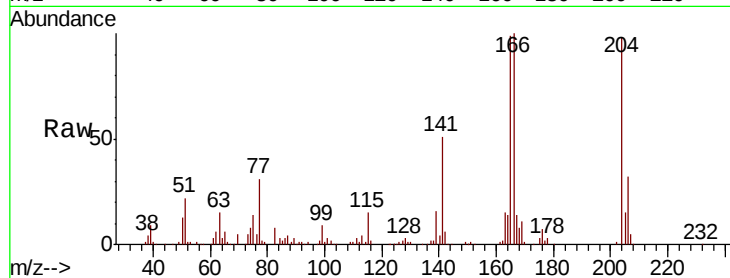




#61
 4-Chlorophenyl-phenylether
 Concen: 41.899 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

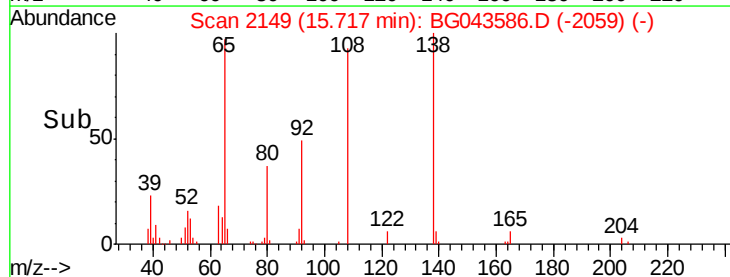
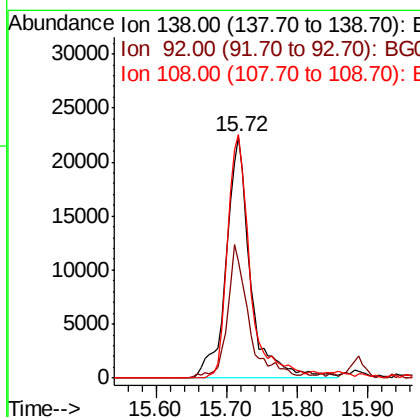
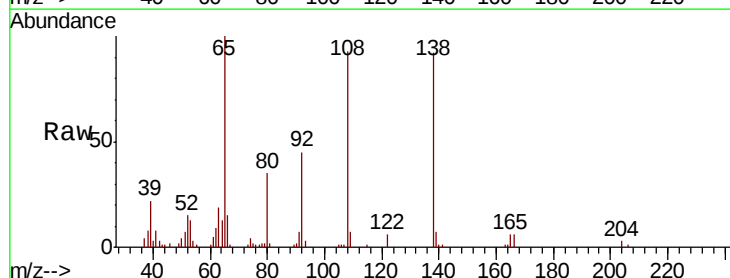
Instrument :
 BNA_G
 ClientSampleID :
 PB124640BS

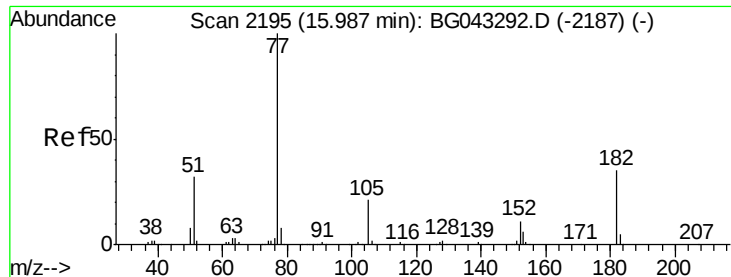
Tot Ion:204 Resp: 142234
 Ion Ratio Lower Upper
 204 100
 206 32.4 28.4 42.6
 141 51.6 43.0 64.6



#62
 4-Nitroaniline
 Concen: 40.646 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion:138 Resp: 53110
 Ion Ratio Lower Upper
 138 100
 92 48.6 33.4 73.4
 108 100.8 78.0 118.0

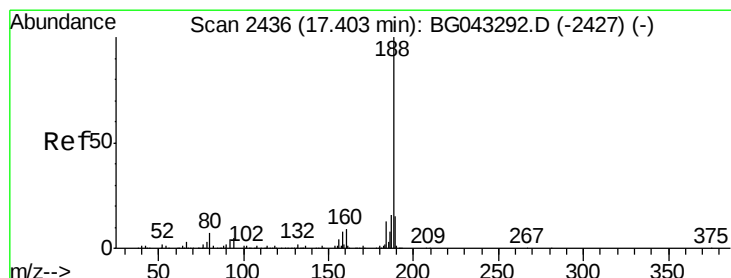
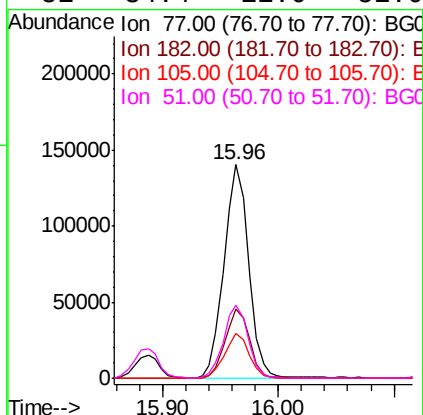
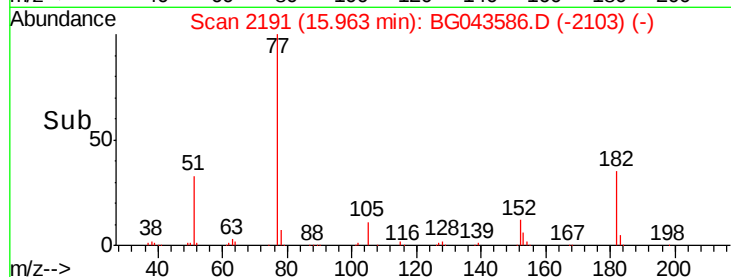
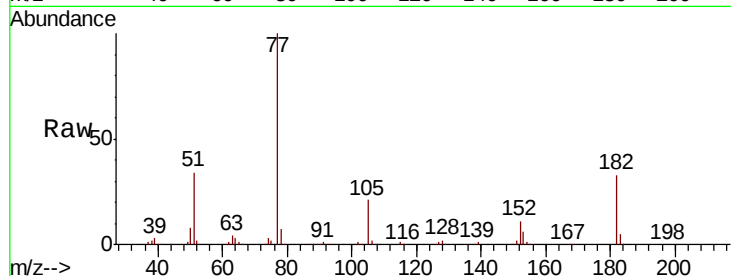




#63
Azobenzene
Concen: 42.231 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

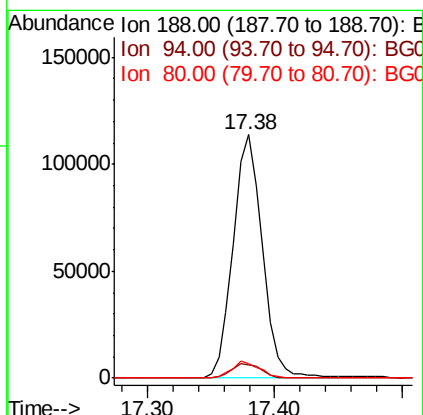
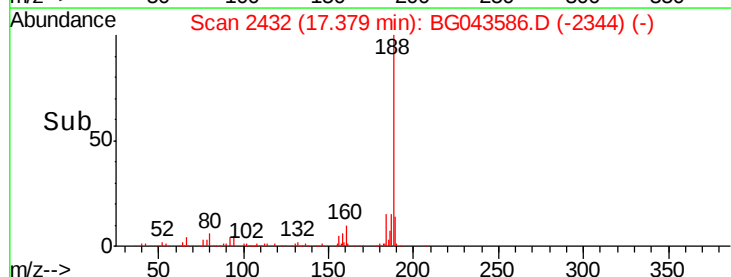
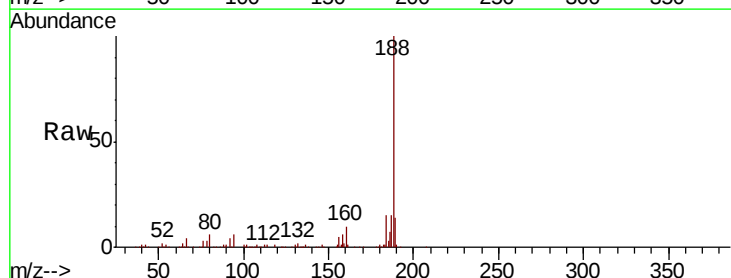
Instrument :
BNA_G
ClientSampleId :
PB124640BS

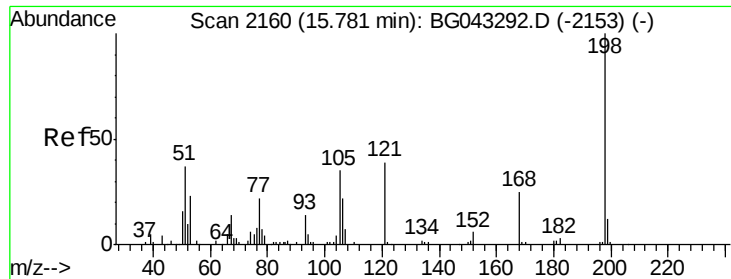
Tot Ion:	77	Resp:	207151
Ion	Ratio	Lower	Upper
77	100		
182	32.7	13.7	53.7
105	21.0	0.4	40.4
51	34.4	11.0	51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:	188	Resp:	181462
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.2	4.5	6.7





#65

4,6-Dinitro-2-methylphenol

Concen: 44.214 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

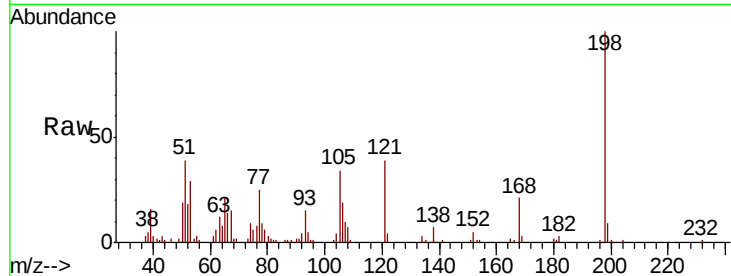
Tot Ion:198 Resp: 47217

Ion	Ratio	Lower	Upper
198	100		
51	38.8	13.2	53.2
105	33.6	15.8	55.8

198 100

51 38.8 13.2 53.2

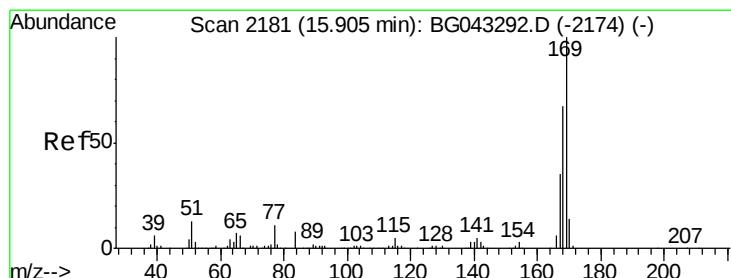
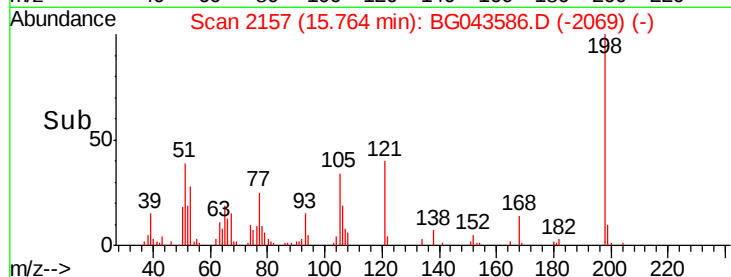
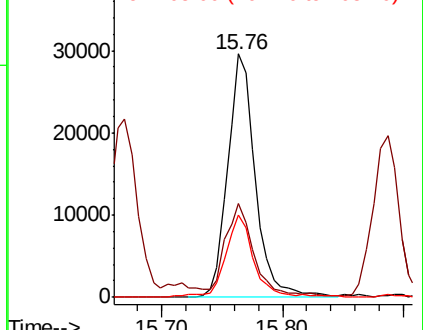
105 33.6 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.356 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

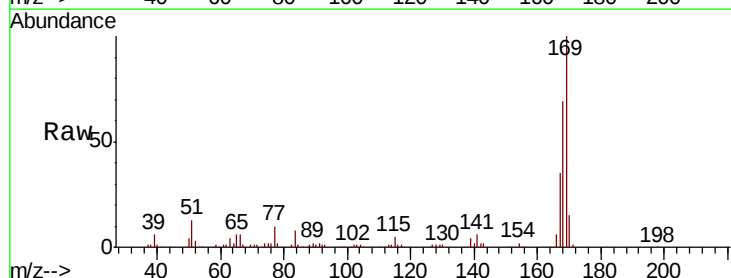
Tgt Ion:169 Resp: 216996

Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.8	80.6
167	35.0	27.5	41.3

169 100

168 68.9 53.8 80.6

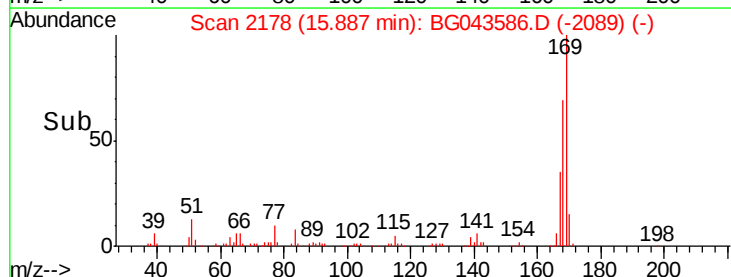
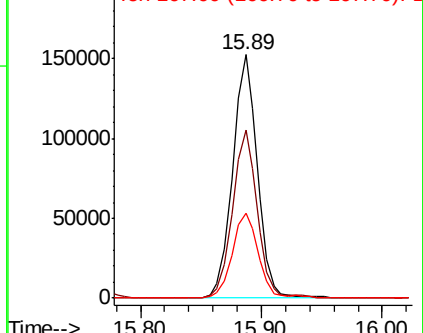
167 35.0 27.5 41.3



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

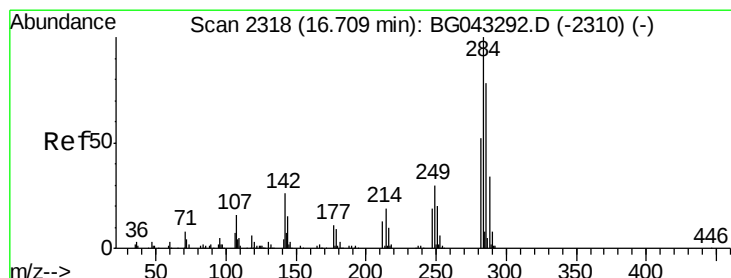
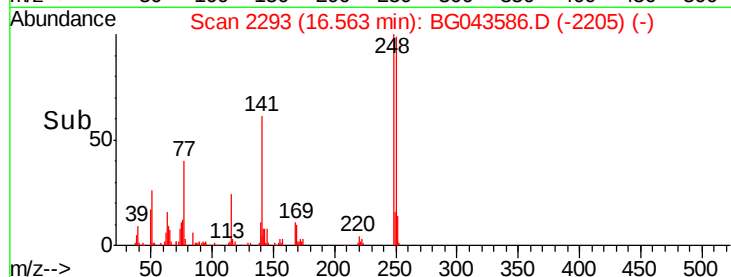
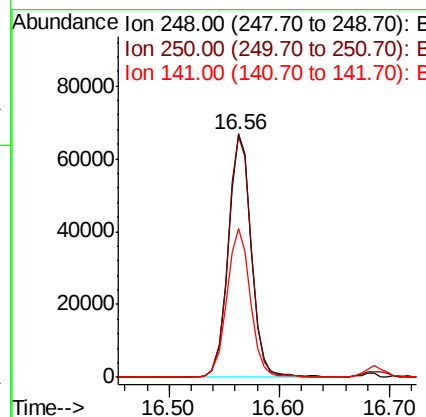
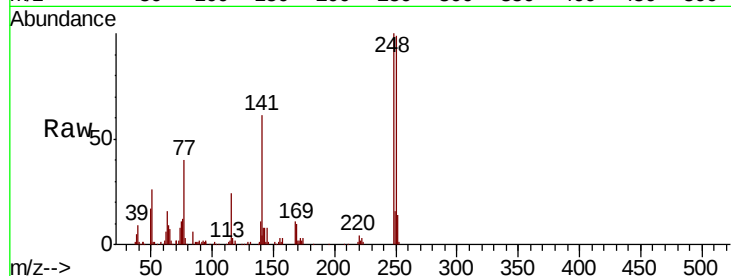




#67
4-Bromophenyl-phenylether
Concen: 39.821 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

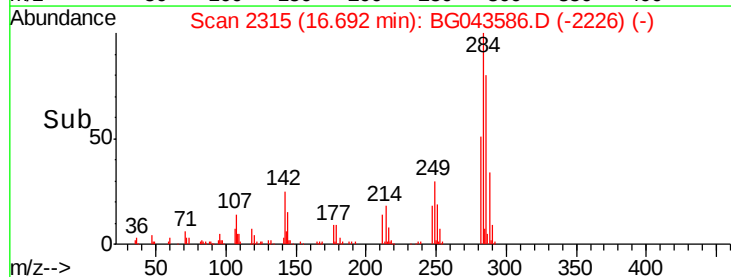
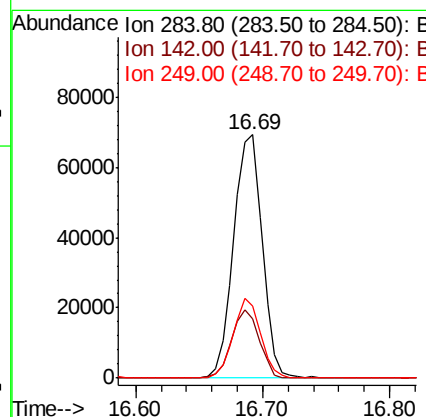
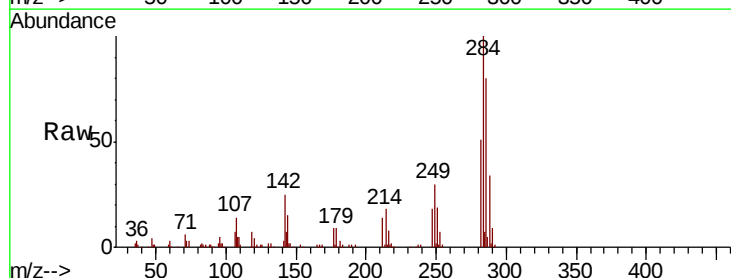
Instrument :
BNA_G
ClientSampleId :
PB124640BS

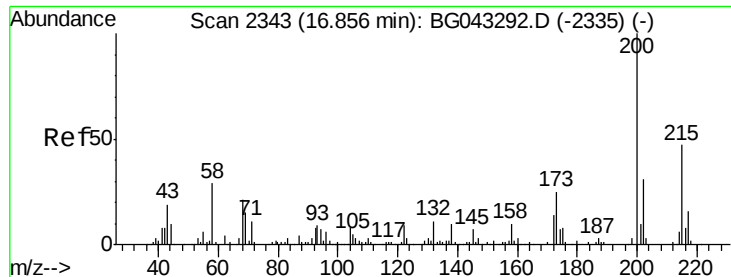
Tot Ion:248 Resp: 97245
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.4
141 61.0 47.5 71.3



#68
Hexachlorobenzene
Concen: 38.444 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:284 Resp: 107765
Ion Ratio Lower Upper
284 100
142 24.6 19.8 29.8
249 29.7 23.8 35.6





#69

Atrazine

Concen: 50.594 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

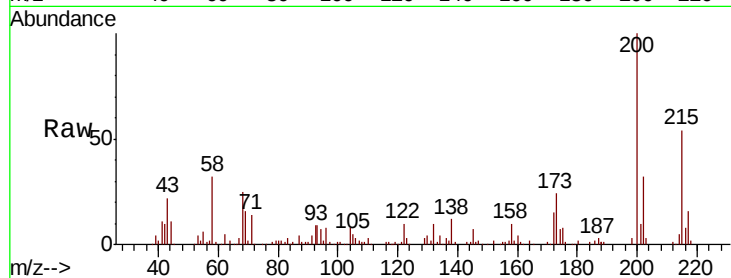
Tot Ion:200 Resp: 90067

Ion Ratio Lower Upper

200 100

173 23.9 4.7 44.7

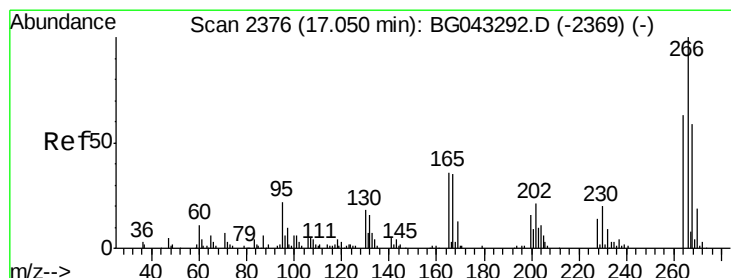
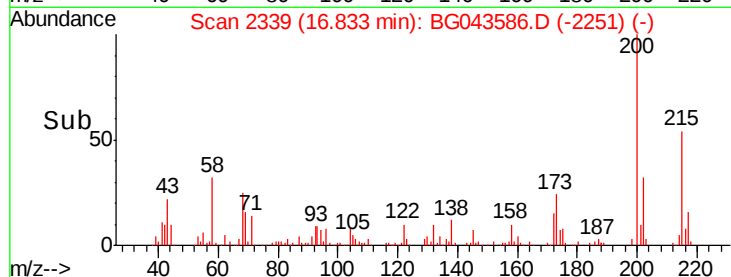
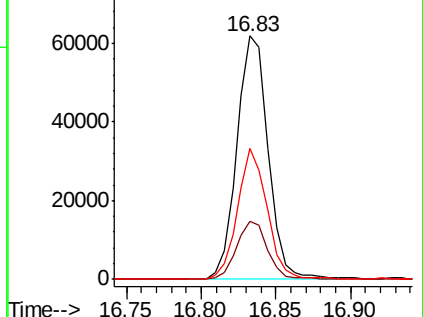
215 53.9 28.5 68.5



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



#70

Pentachlorophenol

Concen: 77.079 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

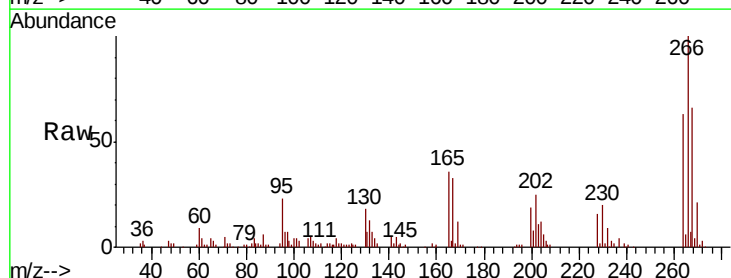
Tgt Ion:266 Resp: 98454

Ion Ratio Lower Upper

266 100

268 65.8 50.4 75.6

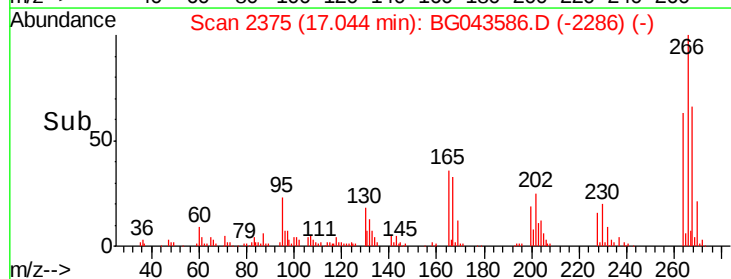
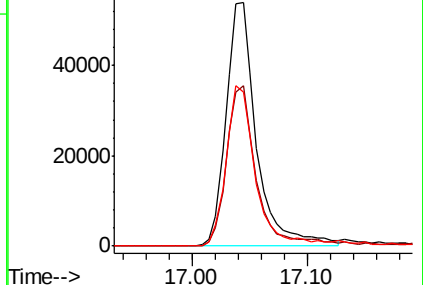
264 63.1 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

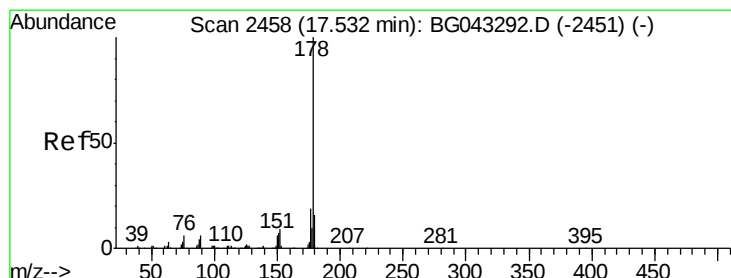
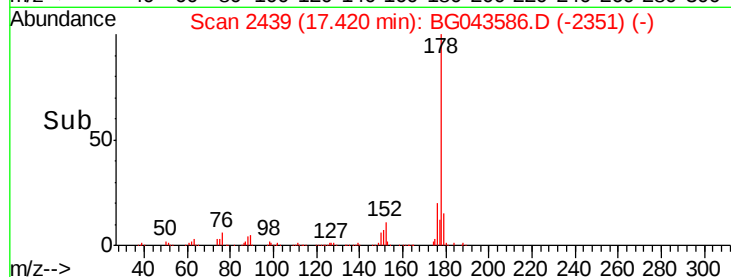
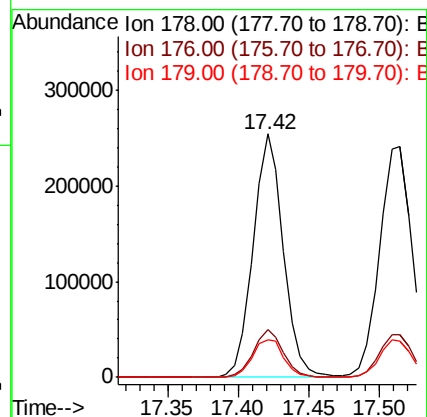
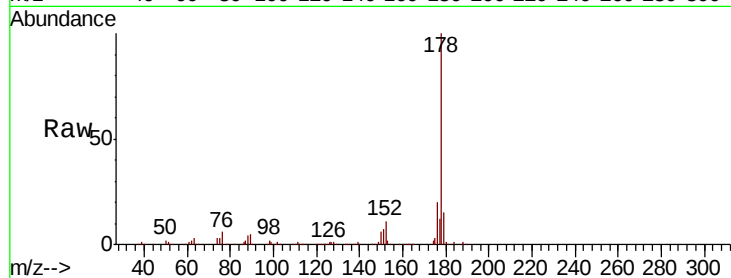




#71
Phenanthrene
Concen: 41.141 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

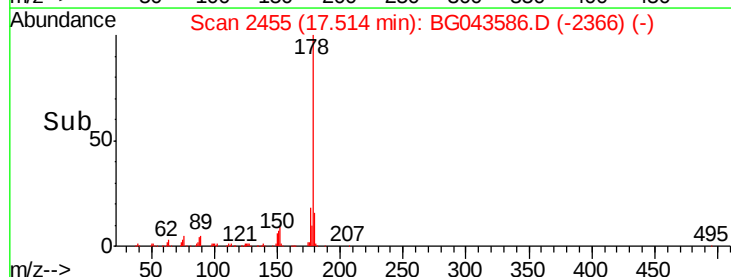
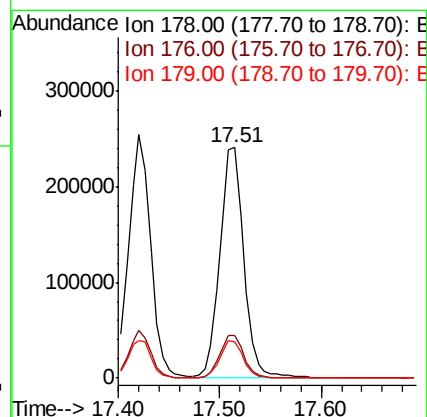
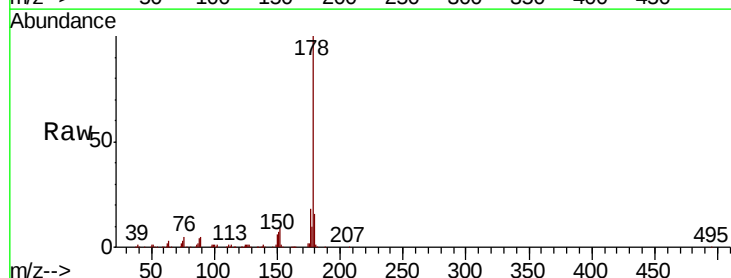
Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:178 Resp: 382289
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.2 13.0 19.6



#72
Anthracene
Concen: 42.483 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:178 Resp: 394969
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.9 13.7 20.5





#73

Carbazole

Concen: 40.656 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

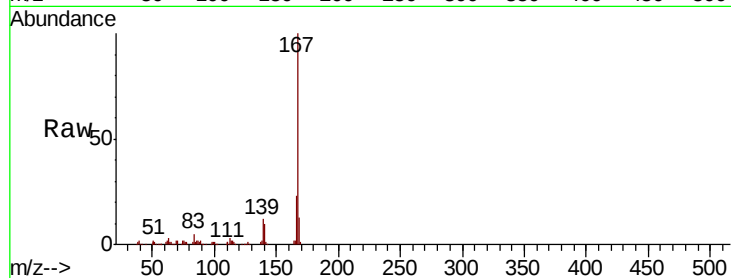
Tot Ion:167 Resp: 342287

Ion Ratio Lower Upper

167 100

166 22.9 18.7 28.1

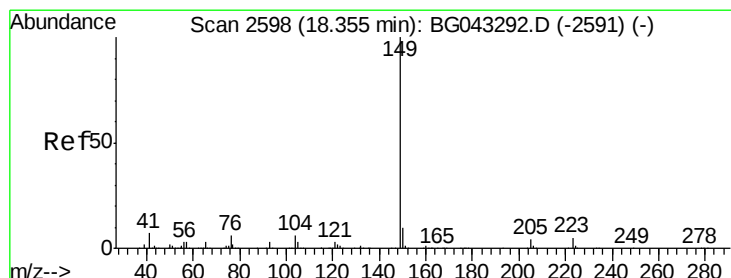
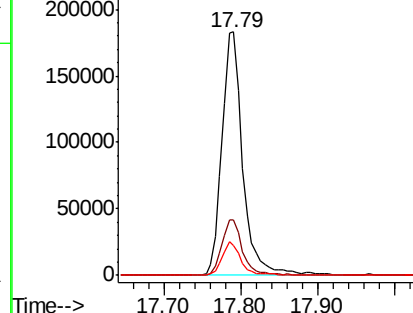
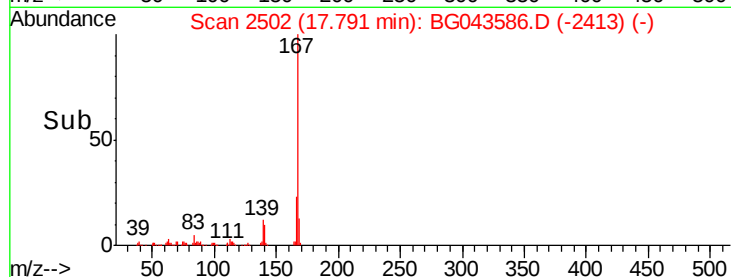
139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.907 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

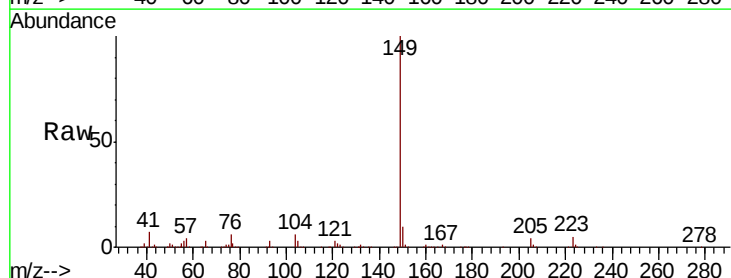
Tgt Ion:149 Resp: 397454

Ion Ratio Lower Upper

149 100

150 9.5 8.0 12.0

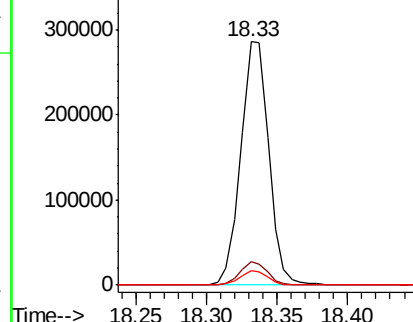
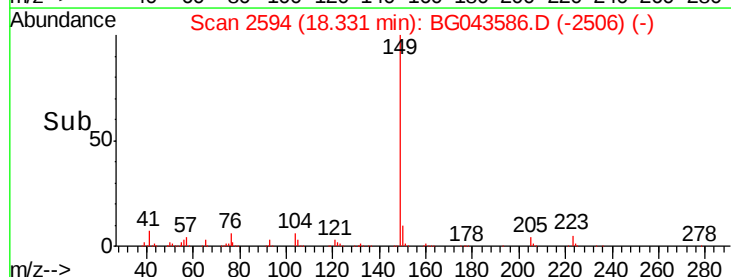
104 6.1 4.4 6.6

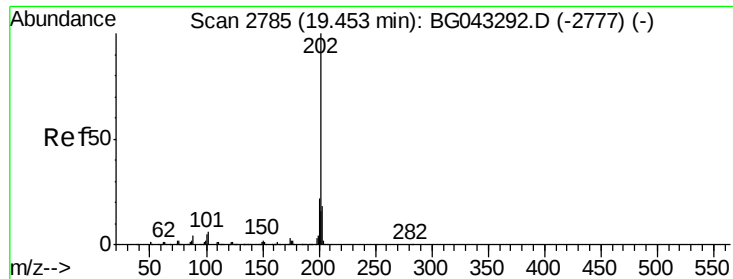


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.664 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

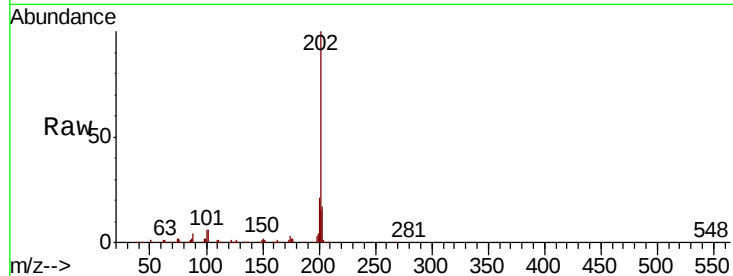
Tot Ion:202 Resp: 480499

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.3

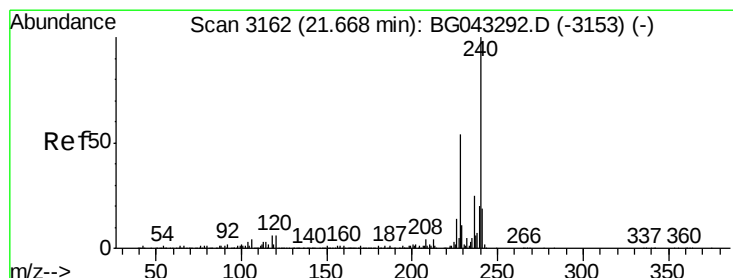
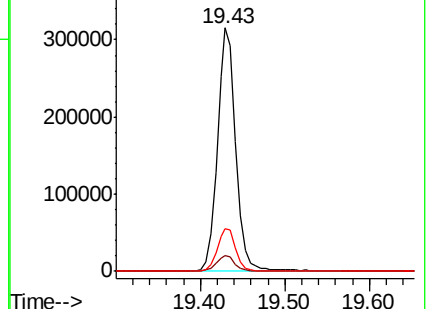
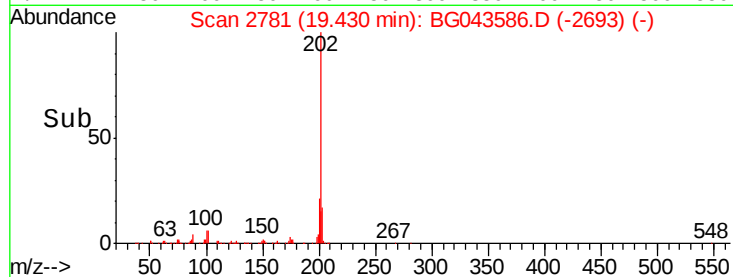
203 17.3 0.0 37.9



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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

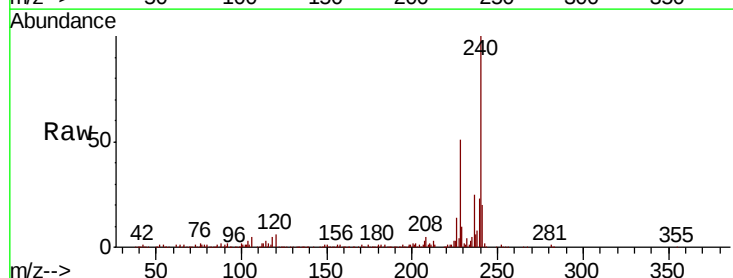
Tgt Ion:240 Resp: 185801

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

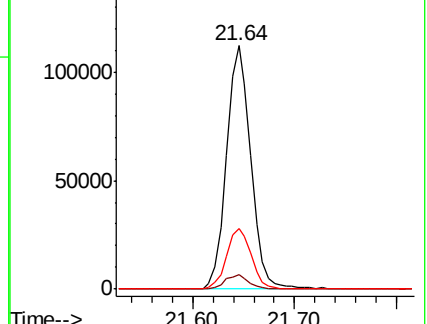
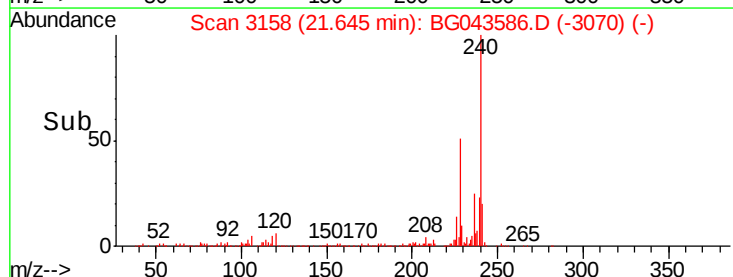
236 24.6 19.8 29.8



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: 54.071 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

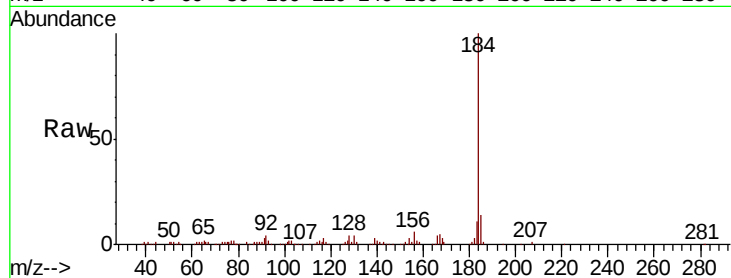
Tot Ion:184 Resp: 202186

Ion Ratio Lower Upper

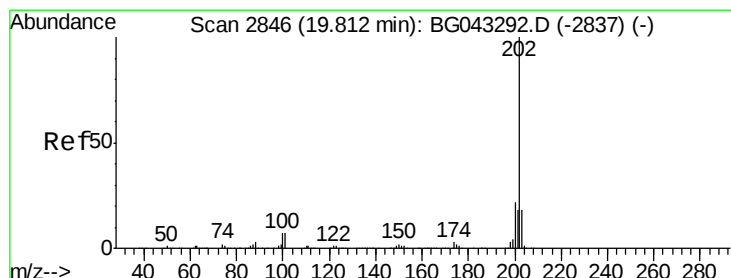
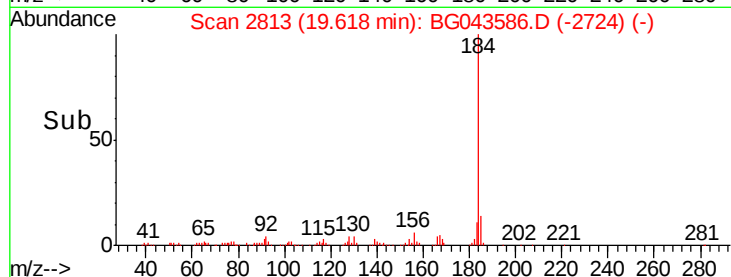
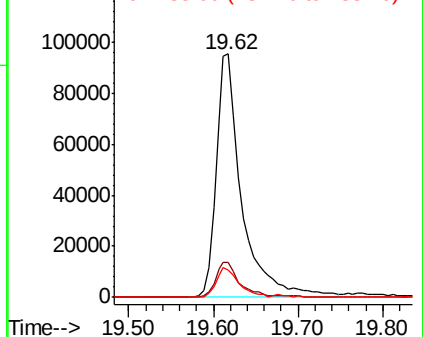
184 100

185 14.3 11.0 16.4

183 11.2 10.0 15.0



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: 41.664 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

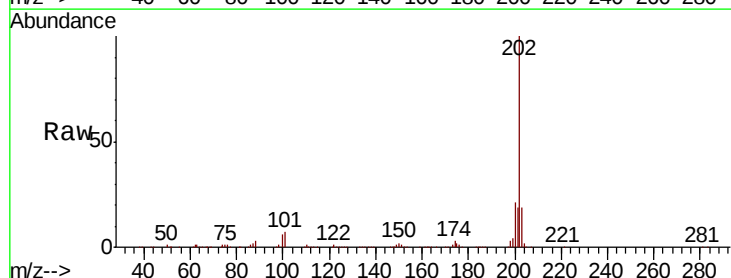
Tgt Ion:202 Resp: 479172

Ion Ratio Lower Upper

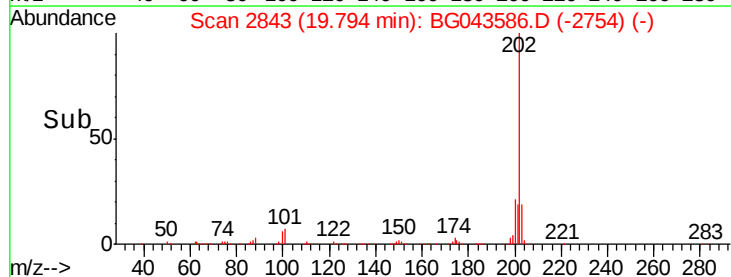
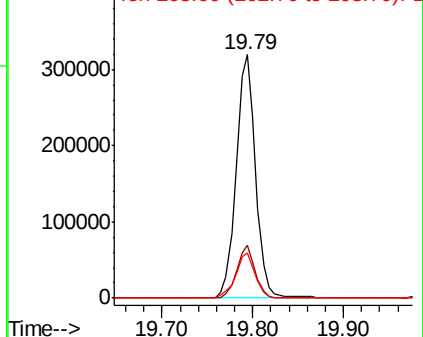
202 100

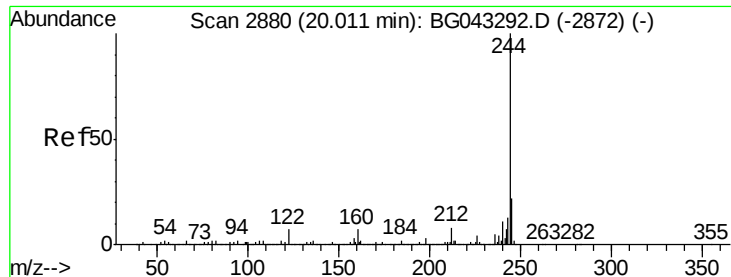
200 21.5 17.0 25.4

203 18.7 14.7 22.1



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: 64.275 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

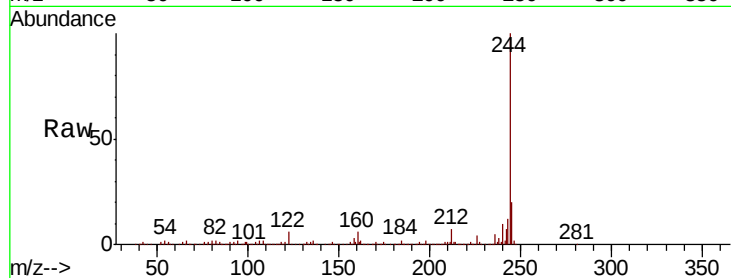
Tot Ion:244 Resp: 636567

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

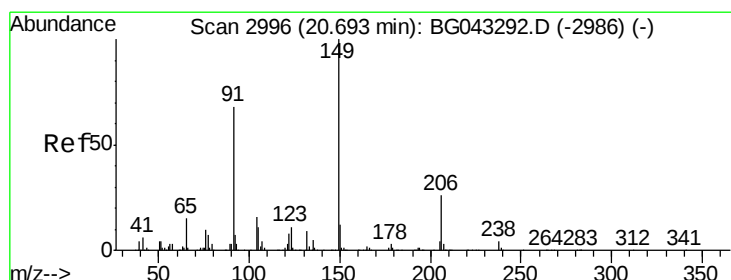
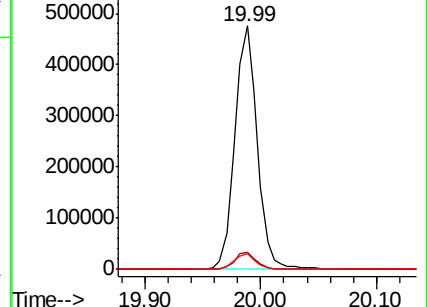
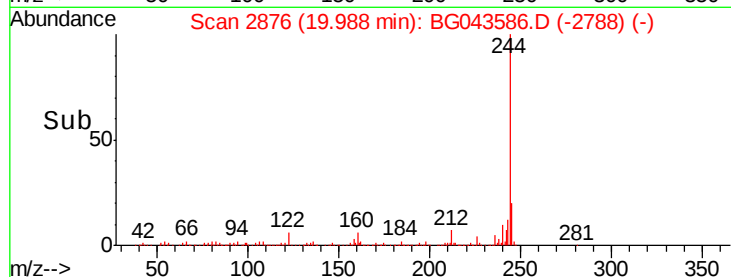
122 6.4 5.4 8.2



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



#80

Butylbenzylphthalate

Concen: 40.407 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

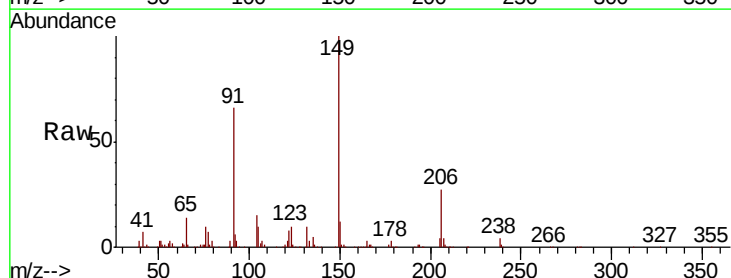
Tgt Ion:149 Resp: 176061

Ion Ratio Lower Upper

149 100

91 66.4 51.2 76.8

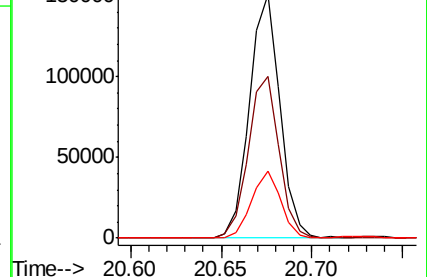
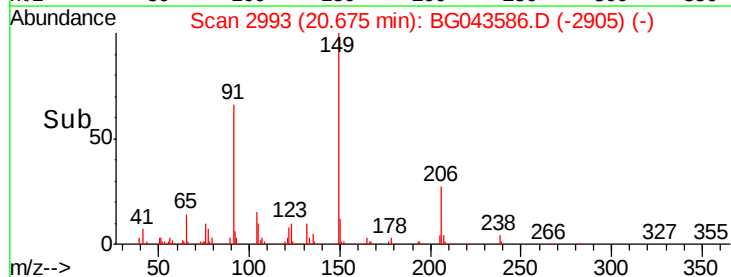
206 27.4 22.5 33.7

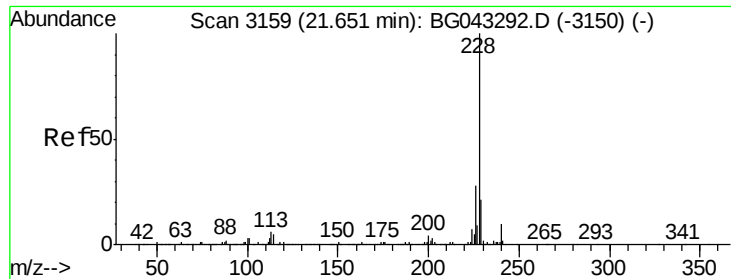


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.061 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

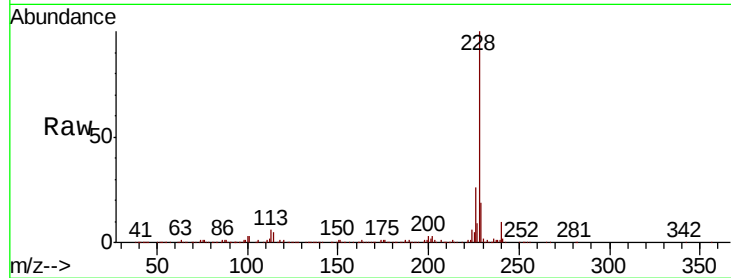
Tot Ion:228 Resp: 489519

Ion Ratio Lower Upper

228 100

226 26.3 22.2 33.2

229 19.4 17.0 25.4

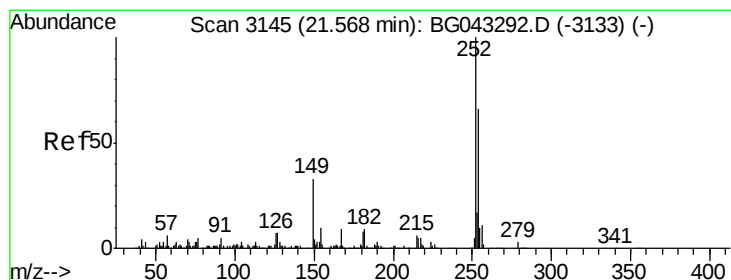
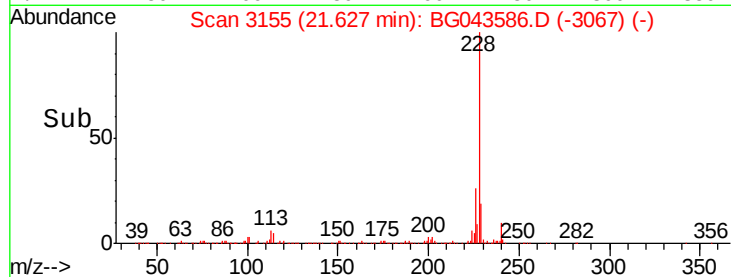
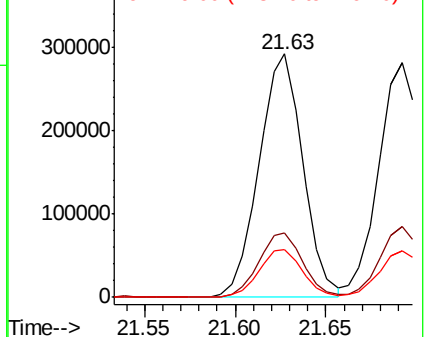


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 31.195 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

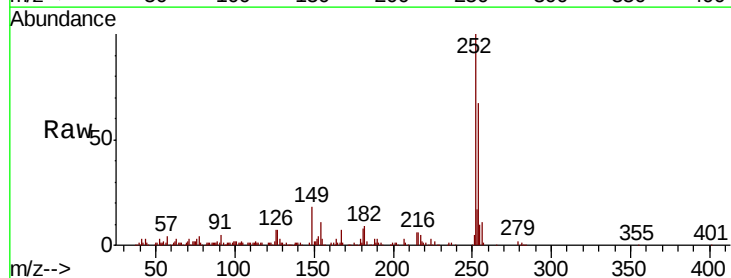
Tgt Ion:252 Resp: 140426

Ion Ratio Lower Upper

252 100

254 66.7 50.8 76.2

126 6.9 6.1 9.1

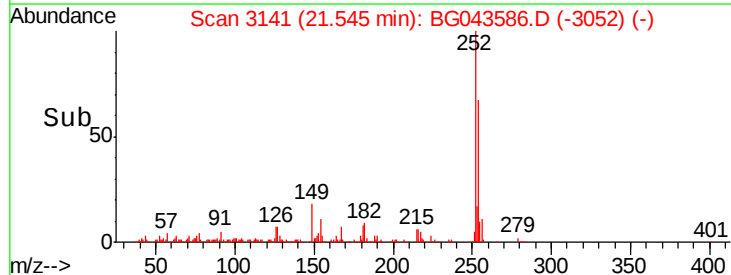
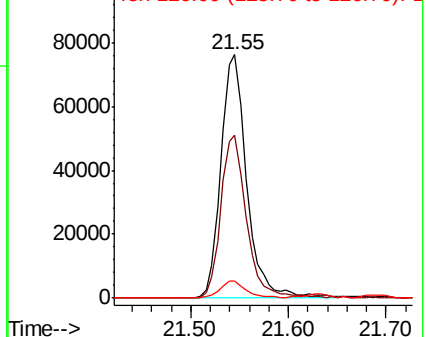


Abundance

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





#83

Chrysene

Concen: 41.039 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

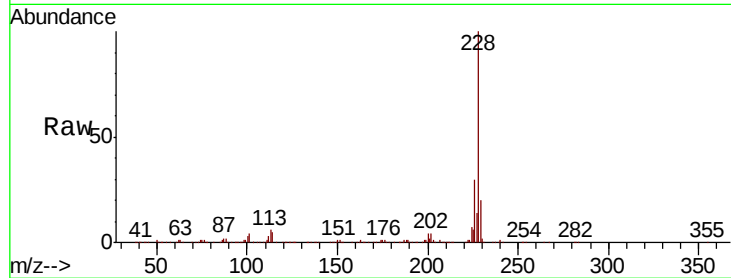
BNA_G

ClientSampleId :

PB124640BS

Tot Ion:228 Resp: 474565

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	19.7	17.0	25.4

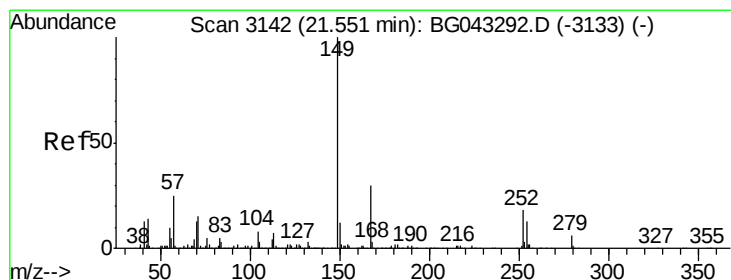
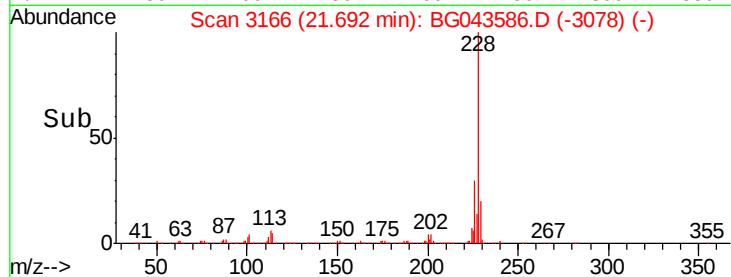
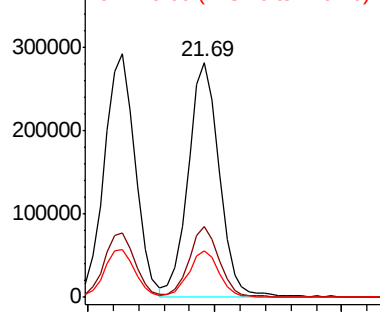


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.536 ng

RT: 21.53 min Scan# 3138

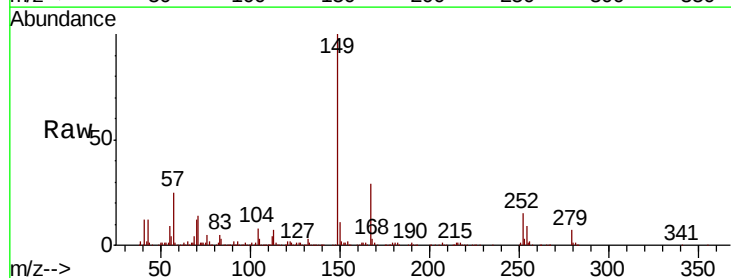
Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:149 Resp: 263279

Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.0	36.0
279	6.7	5.4	8.2

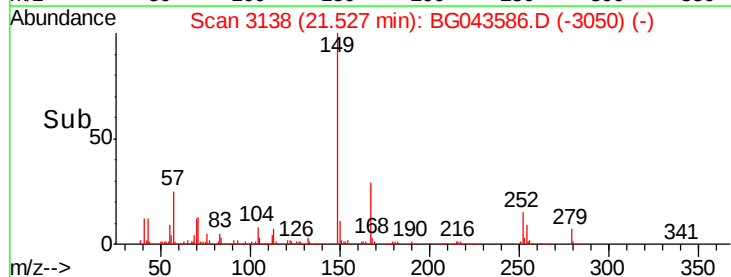
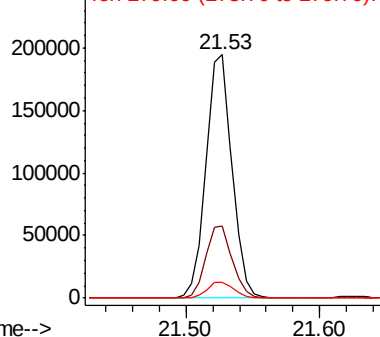


Abundance

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





#85

Di-n-octyl phthalate

Concen: 43.659 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

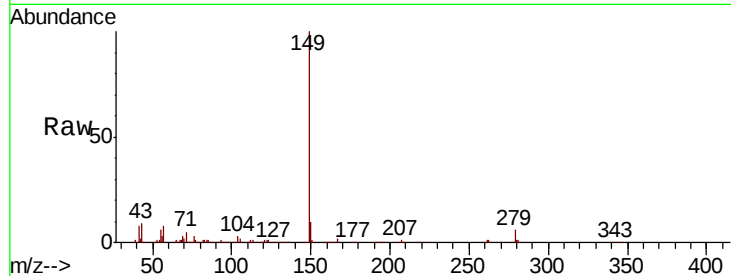
Tot Ion:149 Resp: 458458

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

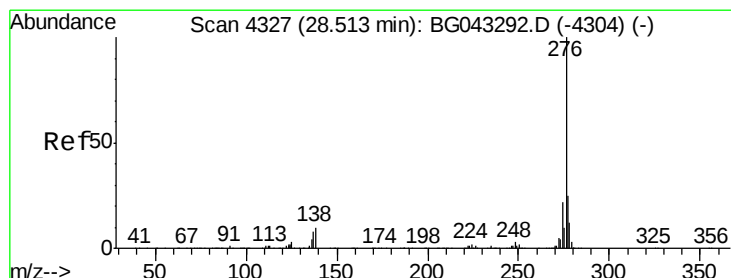
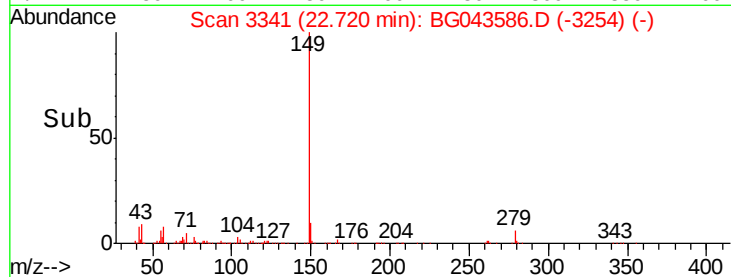
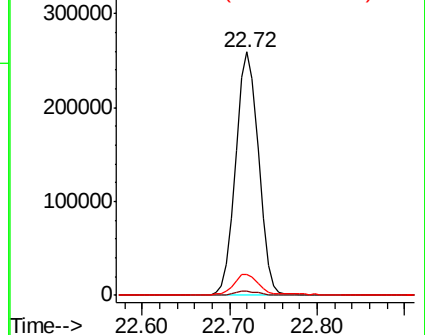
43 9.5 7.0 10.6



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.895 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.03 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

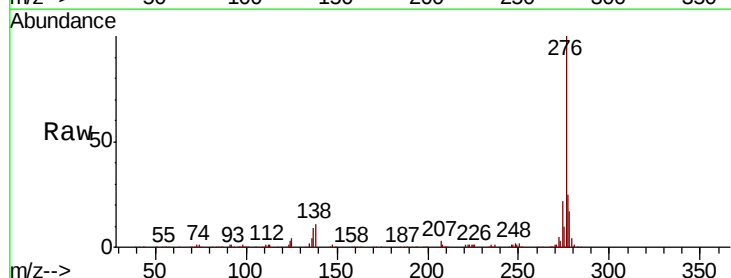
Tgt Ion:276 Resp: 622638

Ion Ratio Lower Upper

276 100

138 7.1 6.8 10.2

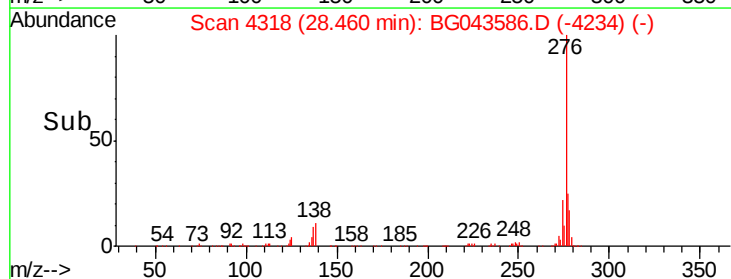
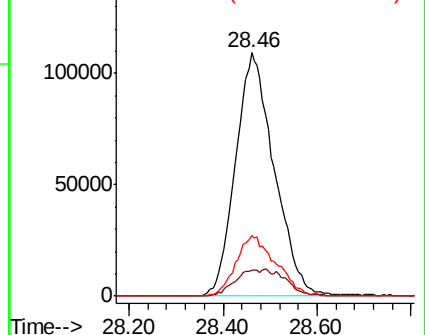
277 25.7 20.9 31.3



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



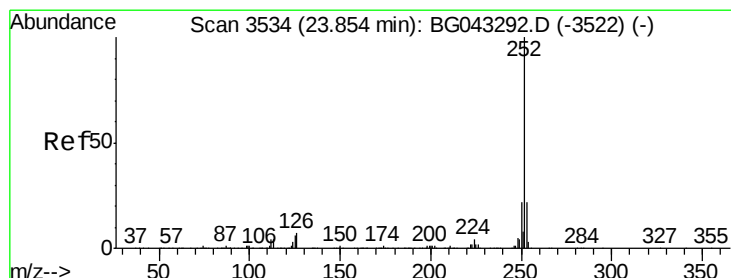
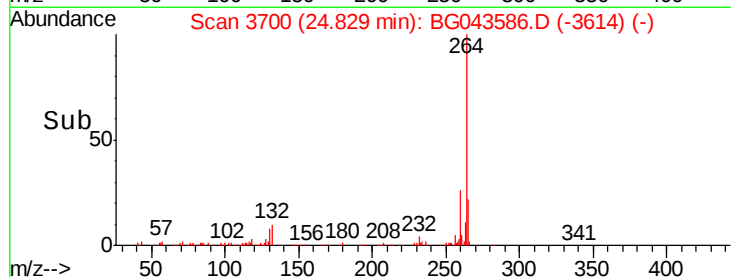
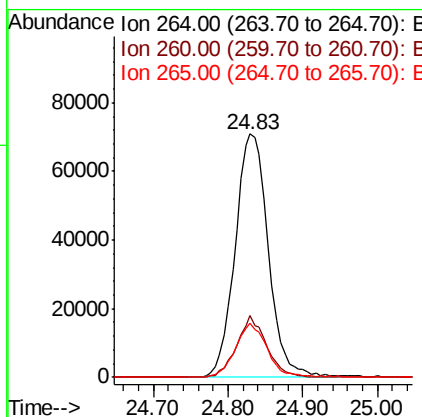
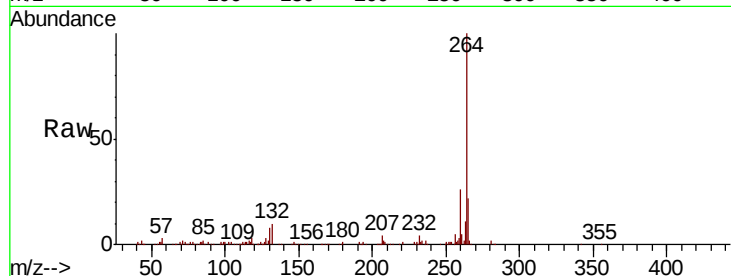


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:264 Resp: 218213

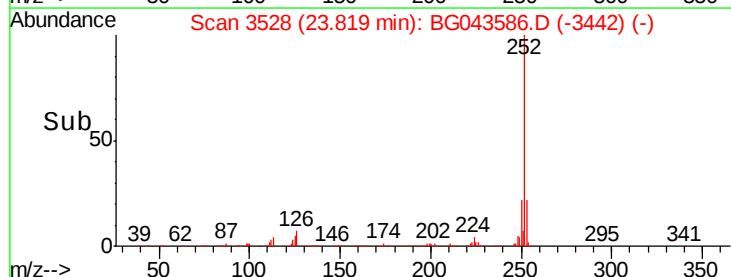
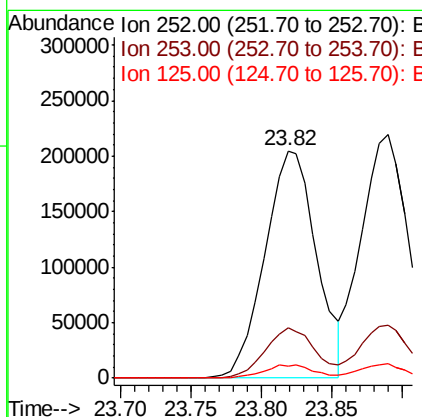
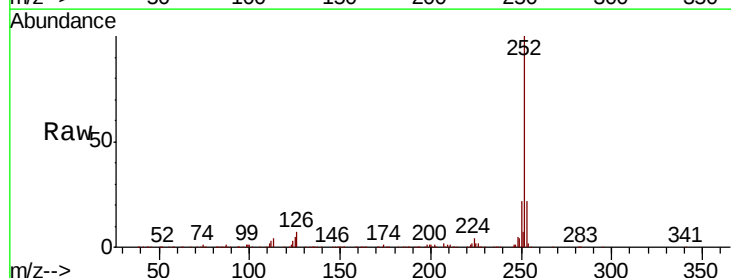
Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.5	26.3
265	22.2	17.4	26.0

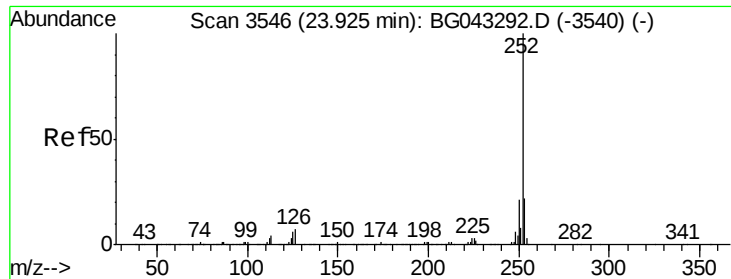


#88
Benzo(b)fluoranthene
Concen: 42.270 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:252 Resp: 522413

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	5.5	4.5	6.7

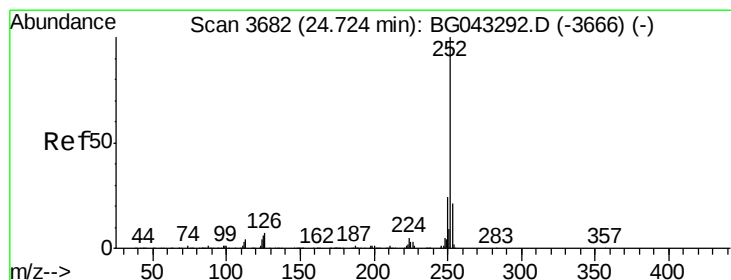
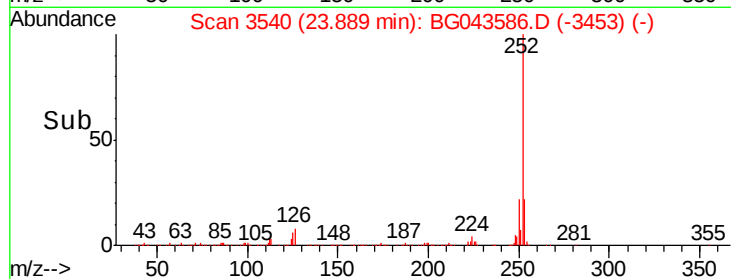
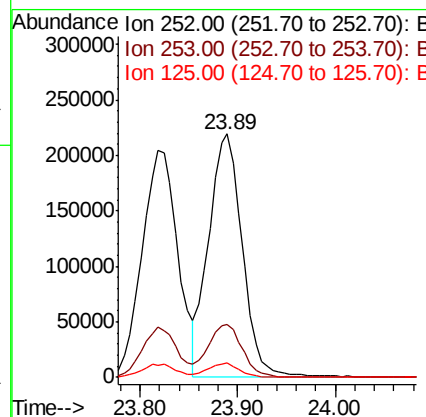
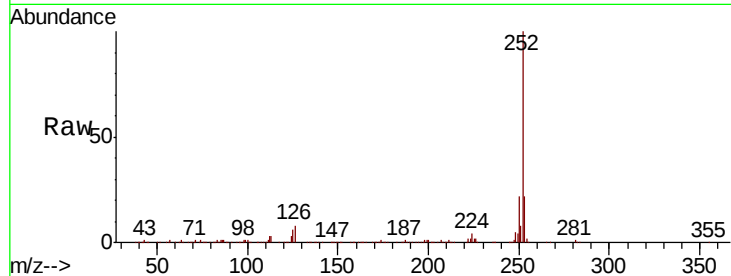




#89
Benzo(k)fluoranthene
Concen: 41.832 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

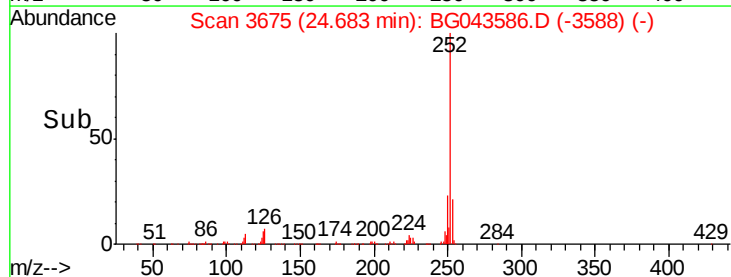
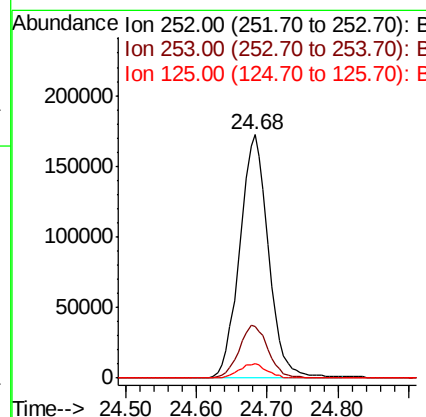
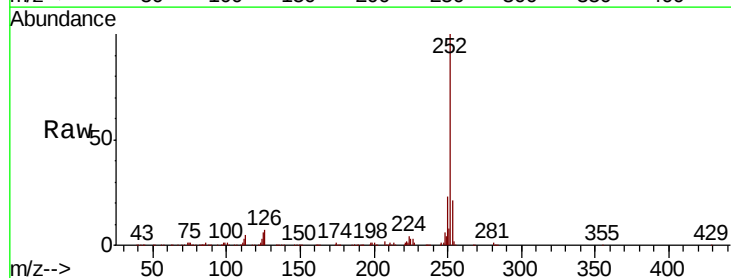
Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	5.7	4.6	6.8



#90
Benzo(a)pyrene
Concen: 41.264 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	5.8	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.394 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.03 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

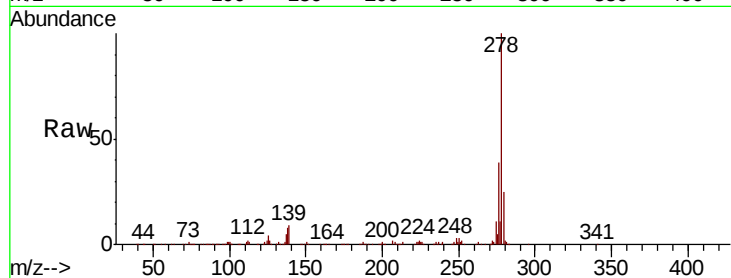
BNA_G

ClientSampleId :

PB124640BS

Tot Ion:278 Resp: 523839

Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.4	11.0
279	25.3	19.1	28.7

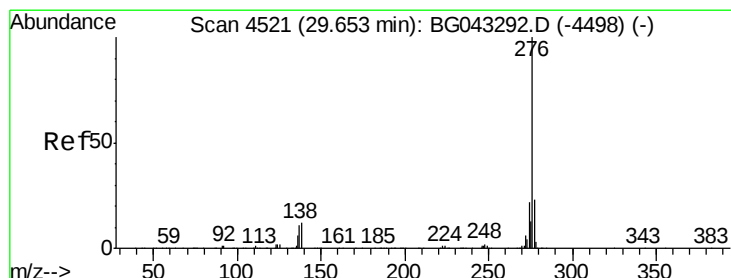
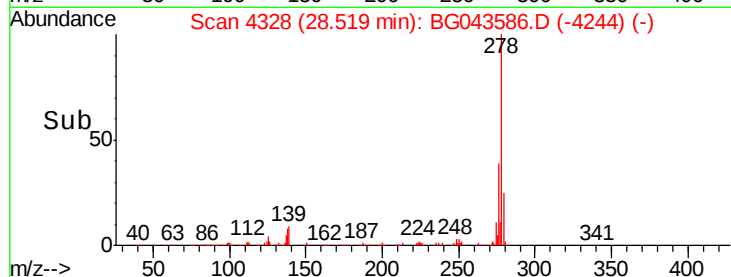
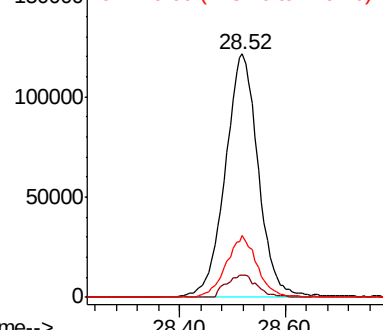


Abundance

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: 43.752 ng

RT: 29.60 min Scan# 4512

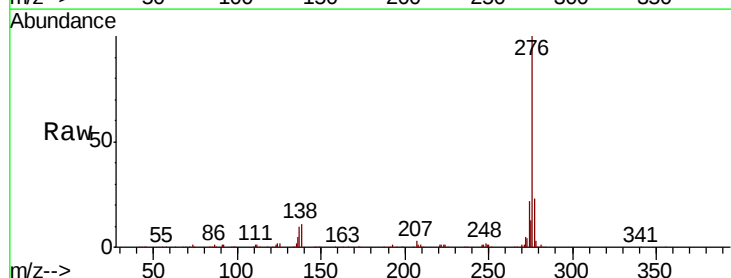
Delta R.T. -0.03 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:276 Resp: 520970

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	10.8	8.9	13.3



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

