

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043438.D
 Acq On : 31 Oct 2019 17:45
 Operator : JU
 Sample : K5497-05MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 04:00:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46799	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	172486	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	122154	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	276810	20.00	ng	0.00
76) Chrysene-d12	21.67	240	303597	20.00	ng	0.00
87) Perylene-d12	24.86	264	362346	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	267208	104.63	ng	0.00
7) Phenol-d6	7.21	99	376909	102.58	ng	0.00
23) Nitrobenzene-d5	9.19	82	225326	67.35	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	224917	96.76	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	507594	57.42	ng	0.00
79) Terphenyl-d14	20.00	244	866263	53.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	37368	37.547	ng	# 90
3) Pyridine	3.89	79	95308	37.963	ng	98
4) n-Nitrosodimethylamine	3.80	42	56831	44.861	ng	# 94
6) Aniline	7.35	93	133576	31.557	ng	99
8) 2-Chlorophenol	7.59	128	128488	45.576	ng	96
9) Benzaldehyde	7.16	77	69605	38.545	ng	88
10) Phenol	7.24	94	166132	49.478	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	105028	40.458	ng	98
12) 1,3-Dichlorobenzene	7.91	146	143992	40.765	ng	98
13) 1,4-Dichlorobenzene	8.06	146	147056	41.149	ng	99
14) 1,2-Dichlorobenzene	8.38	146	140571	40.285	ng	98
15) Benzyl Alcohol	8.27	79	114234	44.267	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144229	38.209	ng	98
17) 2-Methylphenol	8.48	107	108677	44.398	ng	97
18) Hexachloroethane	9.10	117	52551	40.757	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	95085	40.046	ng	99
20) 3+4-Methylphenols	8.81	107	147106	43.827	ng	91
22) Acetophenone	8.85	105	187050	42.346	ng	97
24) Nitrobenzene	9.23	77	144179	45.238	ng	98
25) Isophorone	9.74	82	264526	43.245	ng	98
26) 2-Nitrophenol	9.94	139	75560	49.106	ng	94
27) 2,4-Dimethylphenol	10.01	122	121869	55.260	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	146753	43.469	ng	99
29) 2,4-Dichlorophenol	10.48	162	137775	48.758	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	154984	43.518	ng	98
31) Naphthalene	10.88	128	399381	45.616	ng	97
32) Benzoic acid	10.19	122	59903	37.916	ng	94
33) 4-Chloroaniline	11.00	127	75752	21.107	ng	97
34) Hexachlorobutadiene	11.17	225	107976	41.014	ng	95
35) Caprolactam	11.76	113	20294	20.853	ng	# 81
36) 4-Chloro-3-methylphenol	12.12	107	145671	47.261	ng	95
37) 2-Methylnaphthalene	12.48	142	302344	45.006	ng	98
38) 1-Methylnaphthalene	12.70	142	288330	45.109	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	195636	43.275	ng	97

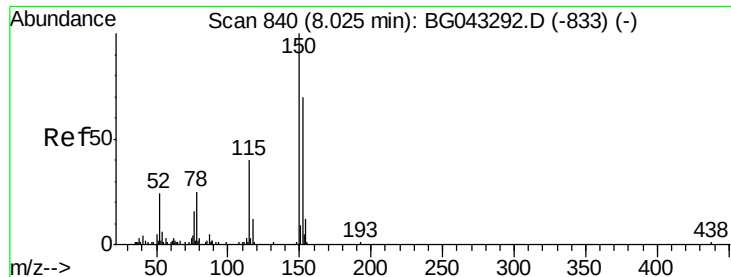
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043438.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	239660	100.919	ng	95
43) 2,4,6-Trichlorophenol	13.09	196	126231	47.414	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	131378	48.811	ng	99
46) 1,1'-Biphenyl	13.49	154	401930	43.252	ng	99
47) 2-Chloronaphthalene	13.53	162	309755	43.809	ng	98
48) 2-Nitroaniline	13.73	65	93482	44.236	ng	99
49) Acenaphthylene	14.37	152	511620	46.492	ng	96
50) Dimethylphthalate	14.10	163	461634	48.790	ng	99
51) 2,6-Dinitrotoluene	14.22	165	94540	45.993	ng	95
52) Acenaphthene	14.72	154	297655	44.354	ng	99
53) 3-Nitroaniline	14.56	138	50192	25.291	ng	99
54) 2,4-Dinitrophenol	14.77	184	100920	78.749	ng	96
55) Dibenzofuran	15.05	168	485713	44.631	ng	98
56) 4-Nitrophenol	14.89	139	134783	101.346	ng	88
57) 2,4-Dinitrotoluene	15.01	165	131781	44.860	ng	97
58) Fluorene	15.70	166	400277	43.854	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	130142	45.510	ng	97
60) Diethylphthalate	15.46	149	403107	42.401	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	231616	43.498	ng	97
62) 4-Nitroaniline	15.73	138	83256	40.621	ng	96
63) Azobenzene	15.98	77	342814	44.555	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	77961	47.857	ng	95
66) n-Nitrosodiphenylamine	15.90	169	364148	46.596	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	164680	44.207	ng	98
68) Hexachlorobenzene	16.71	284	183986	43.026	ng	98
69) Atrazine	16.85	200	152544	56.174	ng	93
70) Pentachlorophenol	17.05	266	204156	104.778	ng	96
71) Phenanthrene	17.44	178	649250	45.803	ng	99
72) Anthracene	17.53	178	663152	46.760	ng	98
73) Carbazole	17.80	167	589982	45.938	ng	98
74) Di-n-butylphthalate	18.35	149	700006	44.921	ng	99
75) Fluoranthene	19.44	202	867821	46.961	ng	99
77) Benzidine	19.63	184	417822	68.383	ng	98
78) Pyrene	19.81	202	864250	45.990	ng	98
80) Butylbenzylphthalate	20.69	149	316156	44.406	ng	98
81) Benzo(a)anthracene	21.65	228	883604	46.464	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	216499	29.434	ng	98
83) Chrysene	21.71	228	858375	45.429	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	464269	45.906	ng	99
85) Di-n-octyl phthalate	22.75	149	801215	46.695	ng	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	1131089	47.689	ng	100
88) Benzo(b)fluoranthene	23.85	252	935282	45.574	ng	98
89) Benzo(k)fluoranthene	23.92	252	948863	45.928	ng	97
90) Benzo(a)pyrene	24.72	252	887269	45.275	ng	99
91) Dibenzo(a,h)anthracene	28.57	278	941129	46.951	ng	99
92) Benzo(g,h,i)perylene	29.64	276	950748	48.085	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampled :

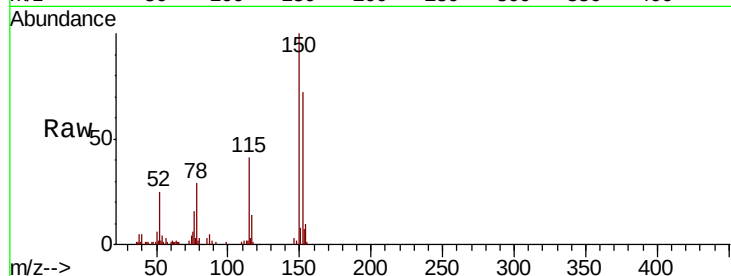
Tot Ion:152 Resp: 46799

Ion Ratio Lower Upper

152 100

150 139.2 113.6 170.4

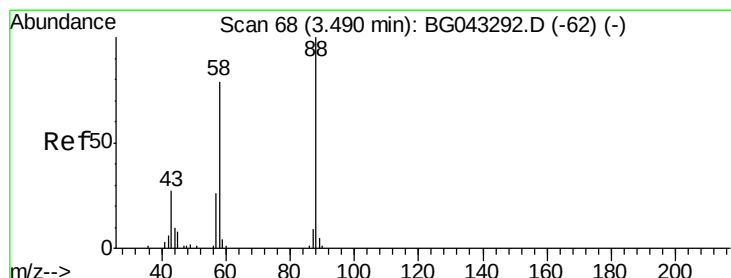
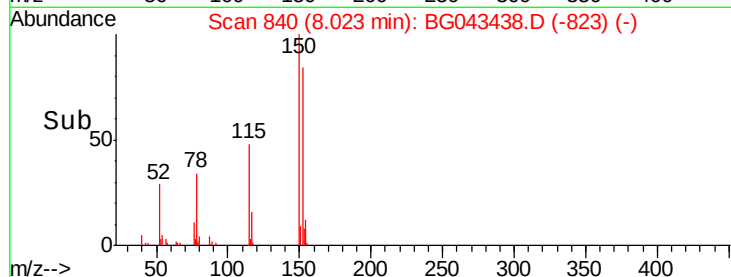
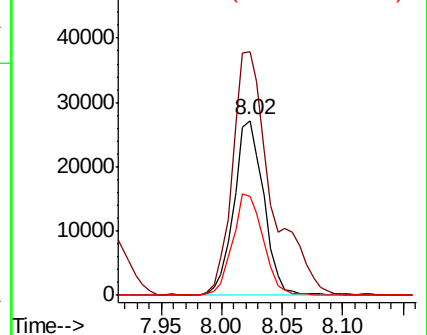
115 56.9 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.547 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

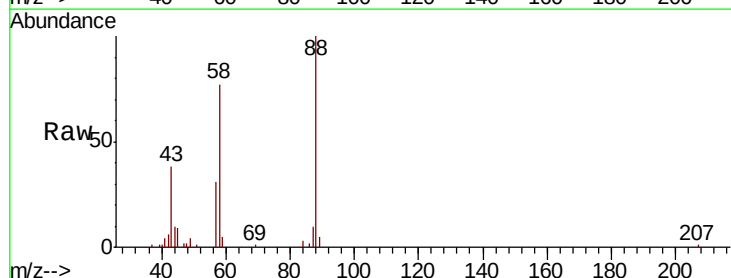
Tgt Ion: 88 Resp: 37368

Ion Ratio Lower Upper

88 100

58 83.0 60.2 90.2

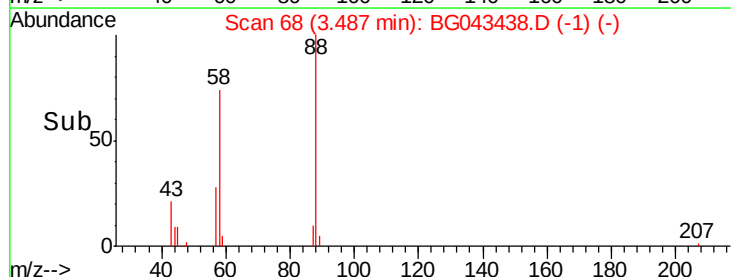
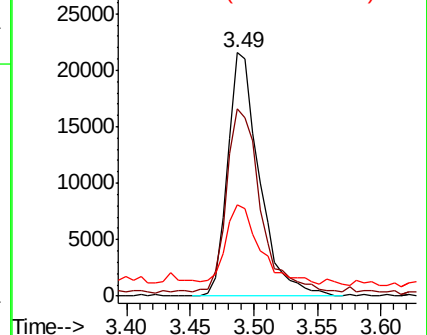
43 35.1 22.7 34.1#

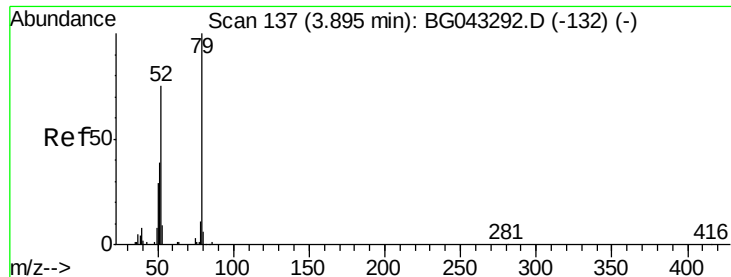


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.963 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

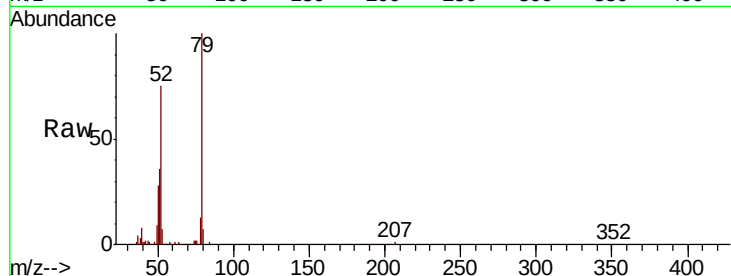
Tot Ion: 79 Resp: 95308

Ion Ratio Lower Upper

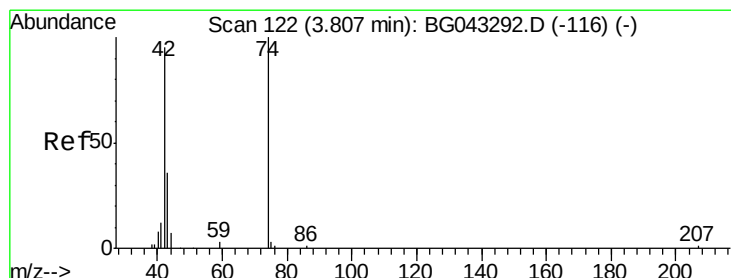
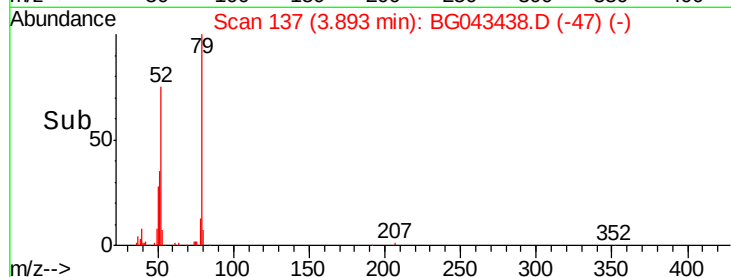
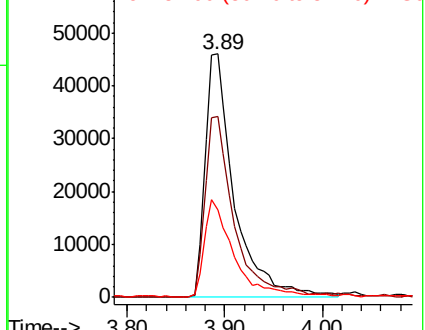
79 100

52 74.5 59.7 89.5

51 35.7 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 44.861 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

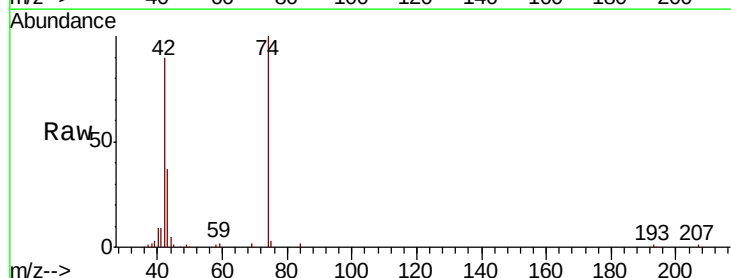
Tgt Ion: 42 Resp: 56831

Ion Ratio Lower Upper

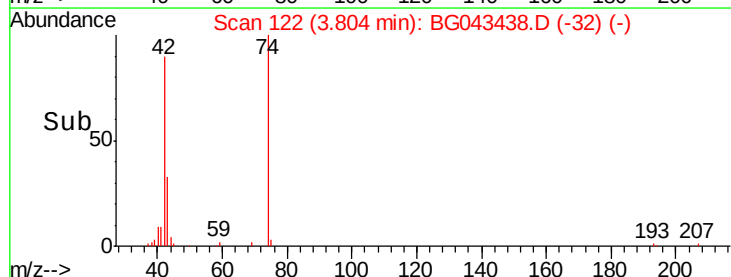
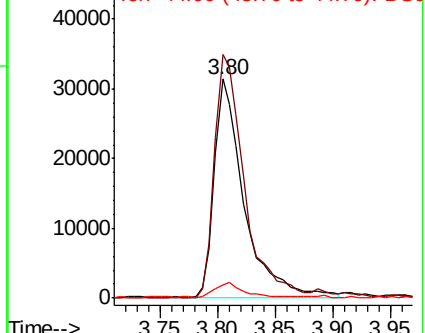
42 100

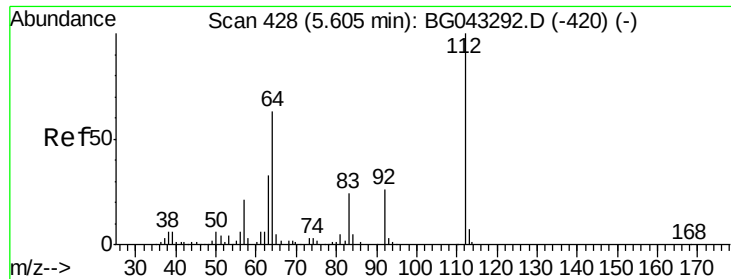
74 111.2 84.2 126.2

44 5.7 6.0 9.0#



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: 104.627 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

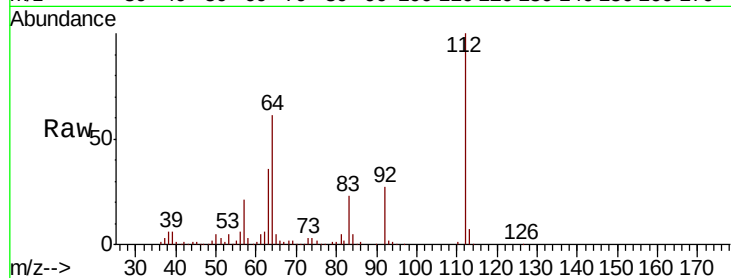
Tot Ion:112 Resp: 267208

Ion Ratio Lower Upper

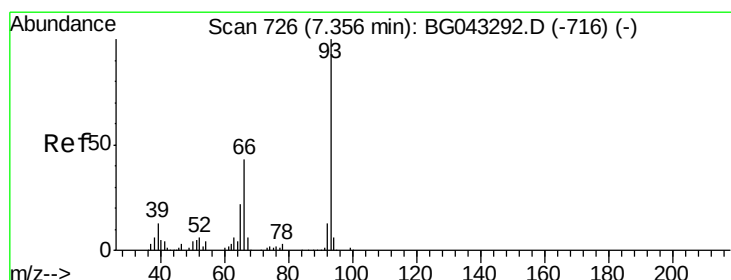
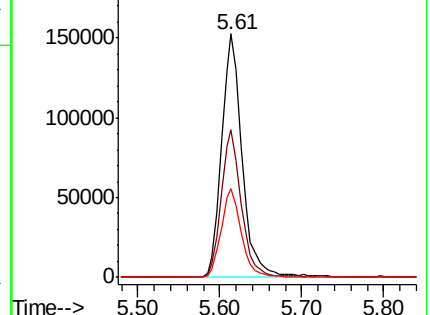
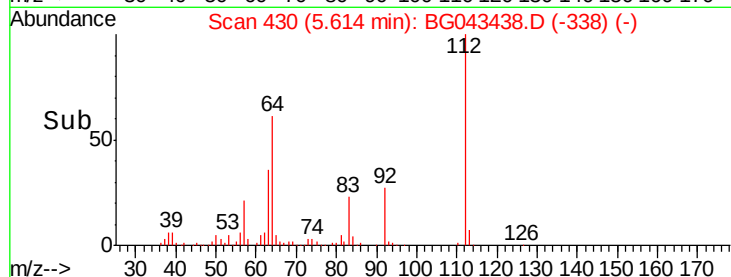
112 100

64 60.7 50.2 75.2

63 36.4 26.7 40.1



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



#6

Aniline

Concen: 31.557 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

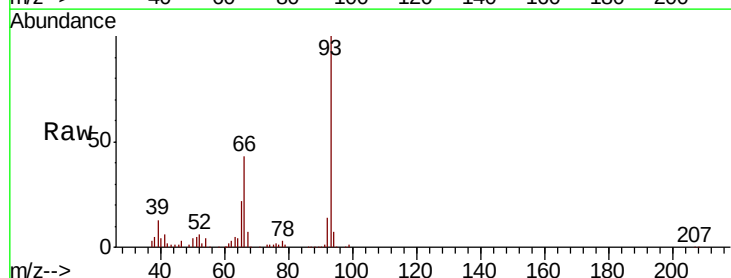
Tgt Ion: 93 Resp: 133576

Ion Ratio Lower Upper

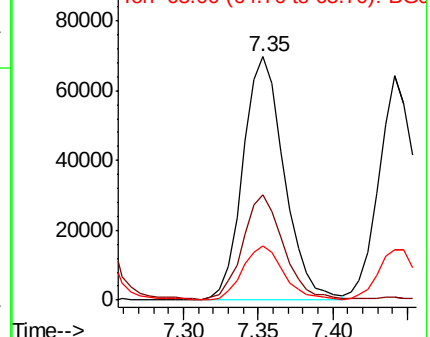
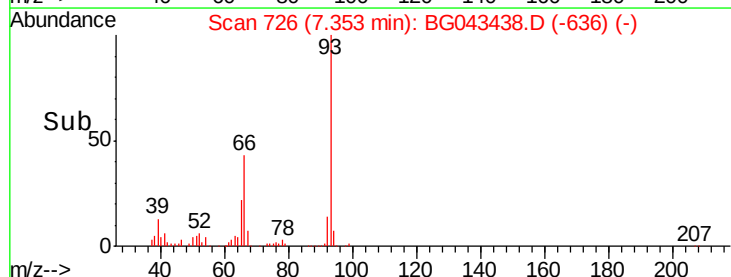
93 100

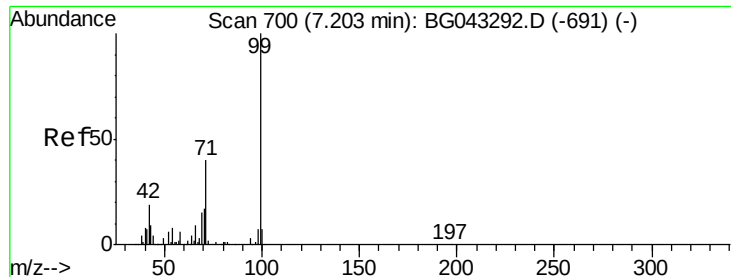
66 43.4 34.5 51.7

65 22.0 18.0 27.0



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





#7

Phenol-d6

Concen: 102.575 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampled :

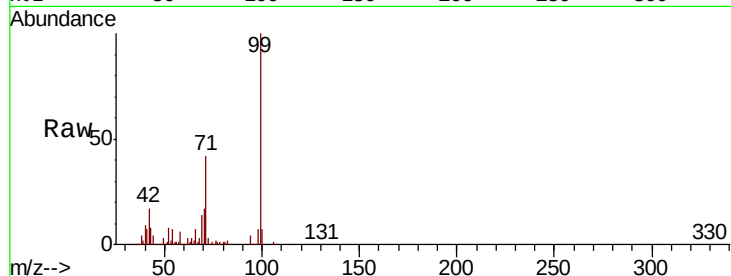
Tot Ion: 99 Resp: 376909

Ion Ratio Lower Upper

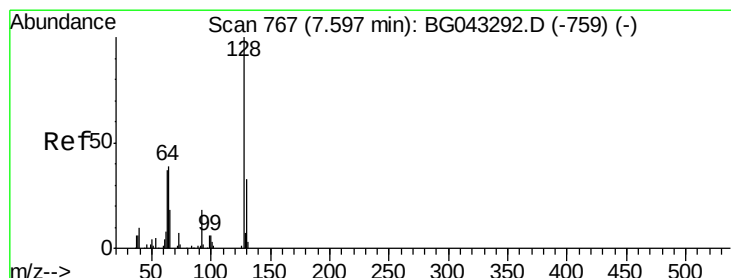
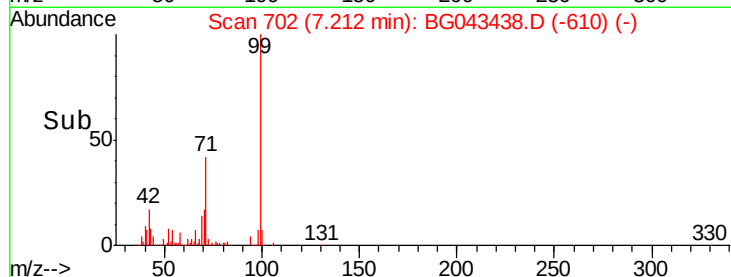
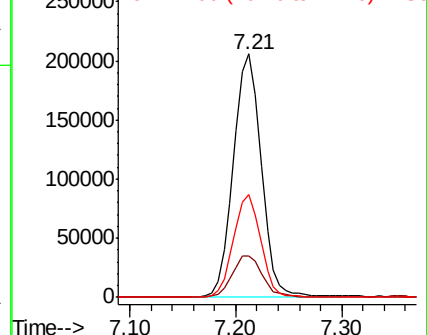
99 100

42 17.2 14.9 22.3

71 42.0 32.2 48.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.576 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

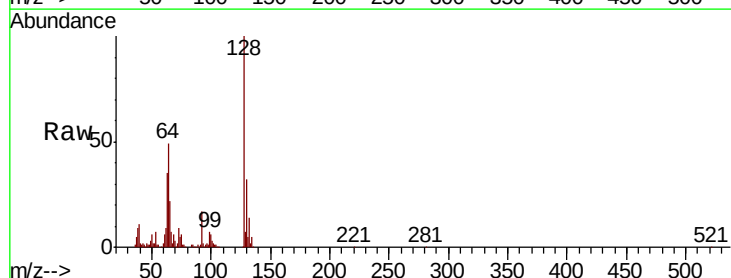
Tgt Ion:128 Resp: 128488

Ion Ratio Lower Upper

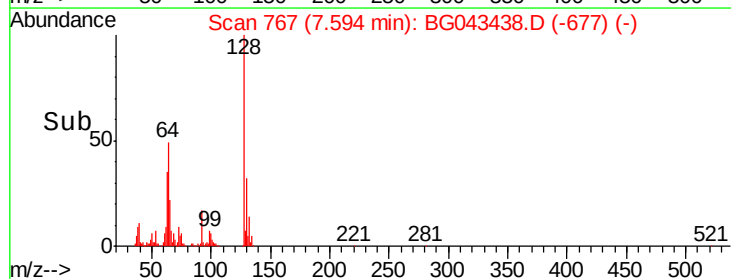
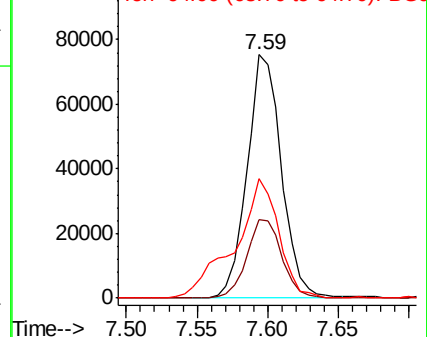
128 100

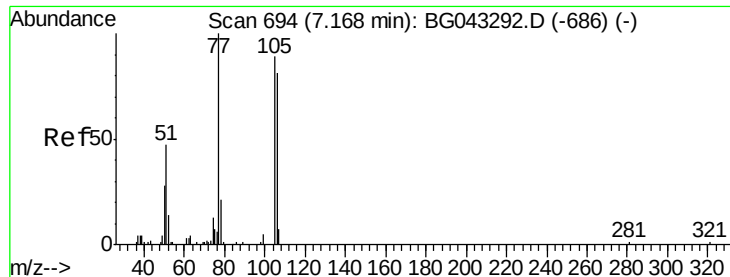
130 32.3 12.9 52.9

64 49.2 24.9 64.9



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: 38.545 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

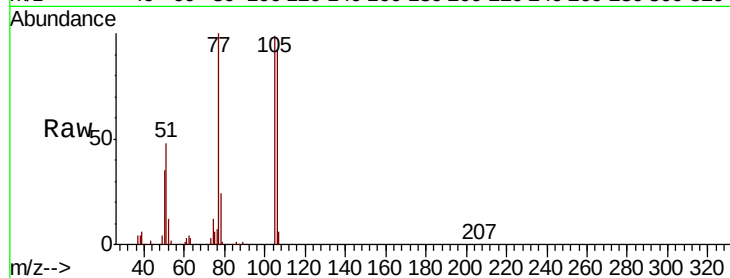
Tot Ion: 77 Resp: 69605

Ion Ratio Lower Upper

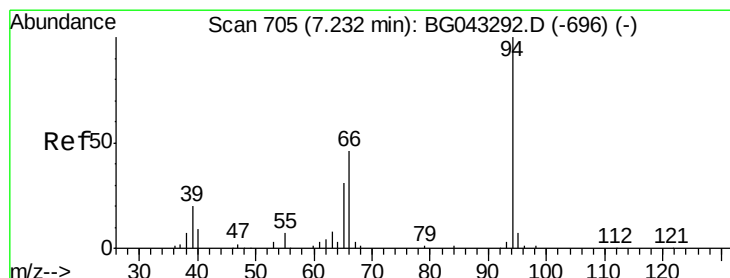
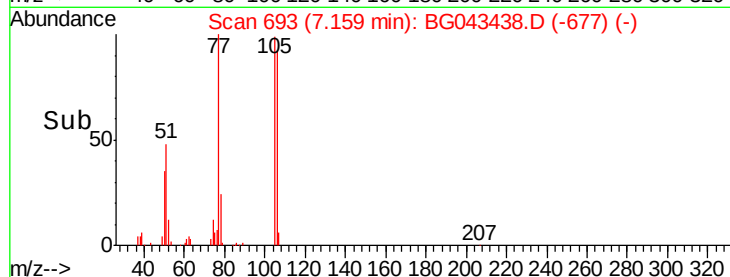
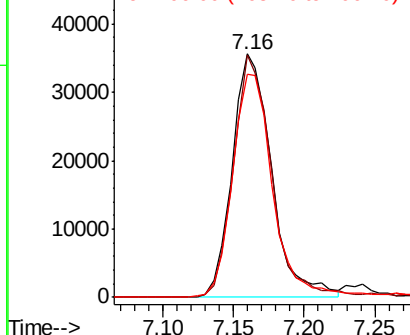
77 100

105 99.3 68.7 108.7

106 91.6 60.5 100.5



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: 49.478 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

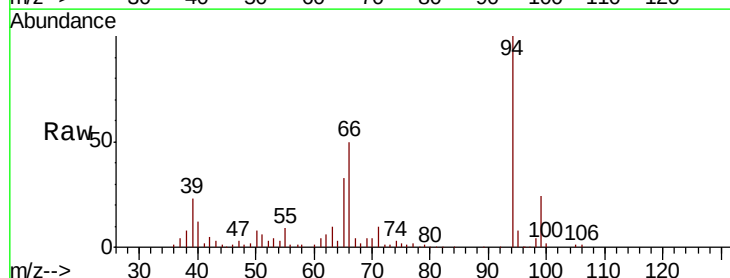
Tgt Ion: 94 Resp: 166132

Ion Ratio Lower Upper

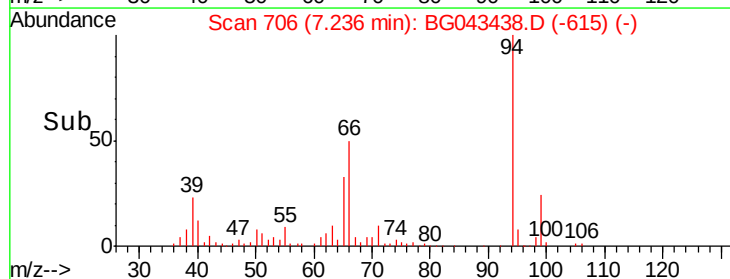
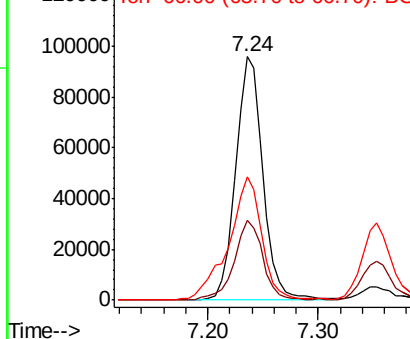
94 100

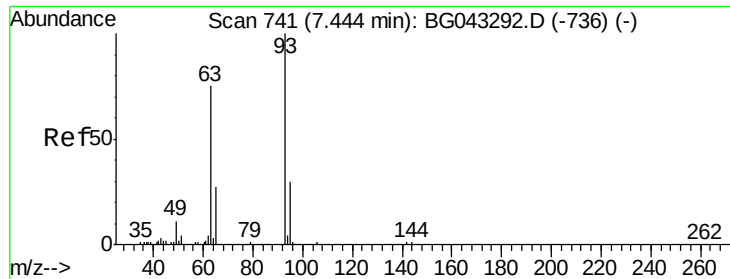
65 32.9 11.1 51.1

66 50.4 27.8 67.8



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



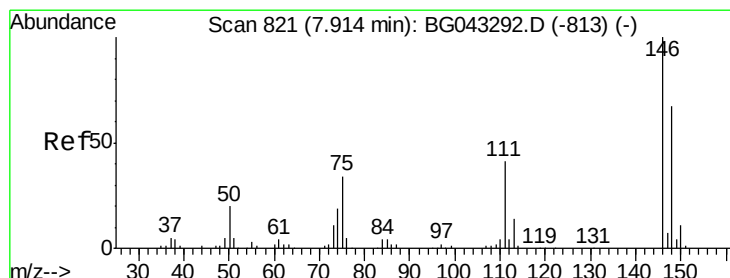
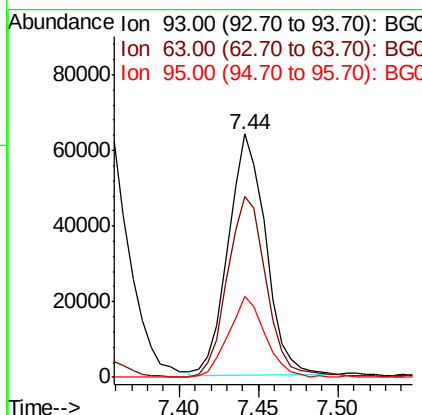
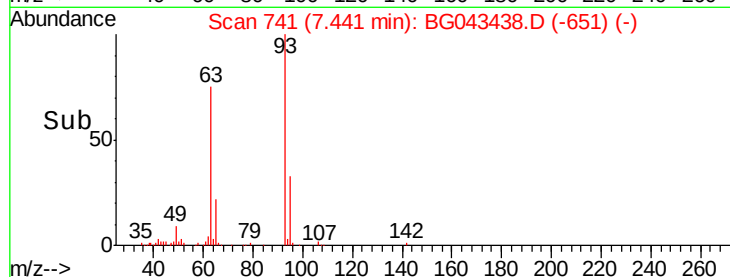
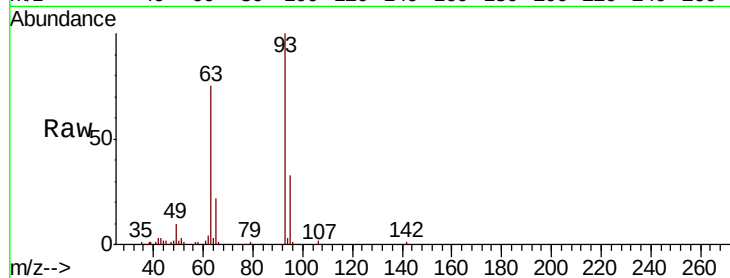


#11
bis(2-Chloroethyl)ether
Concen: 40.458 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 105028

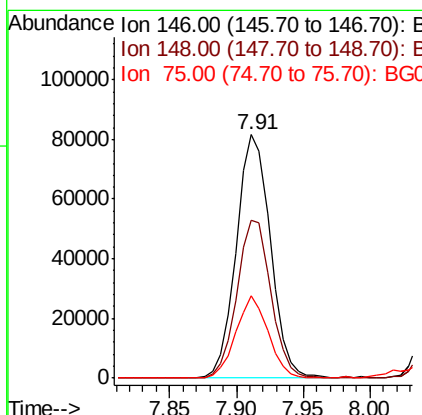
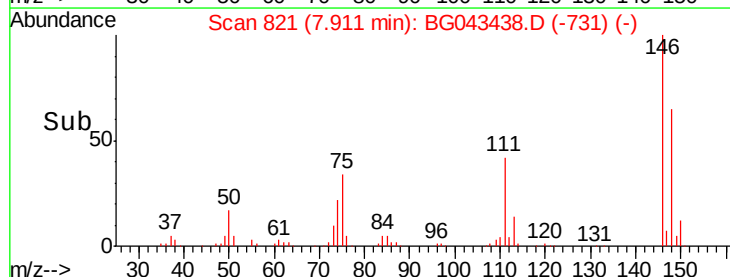
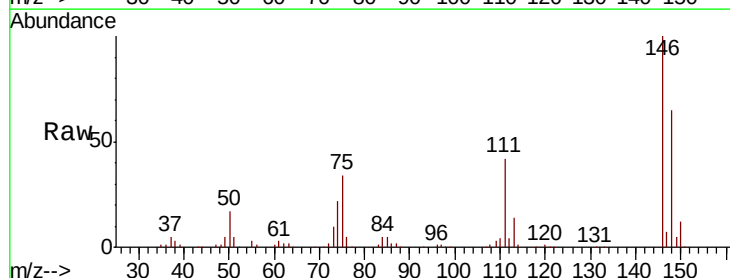
Ion	Ratio	Lower	Upper
93	100		
63	74.5	54.6	94.6
95	33.4	9.7	49.7

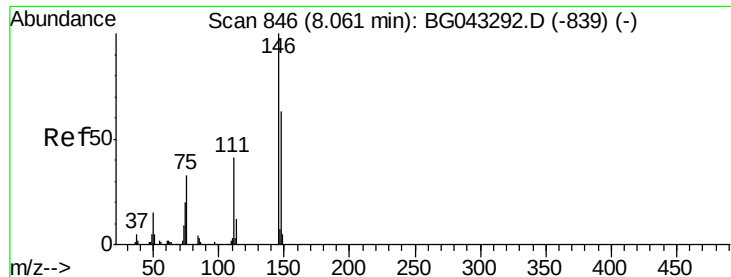


#12
1,3-Dichlorobenzene
Concen: 40.765 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion: 146 Resp: 143992

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.2
75	33.8	27.0	40.4

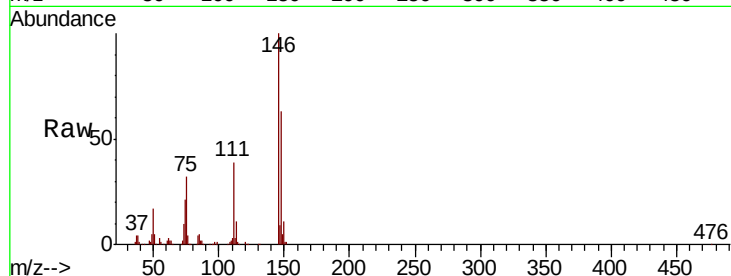




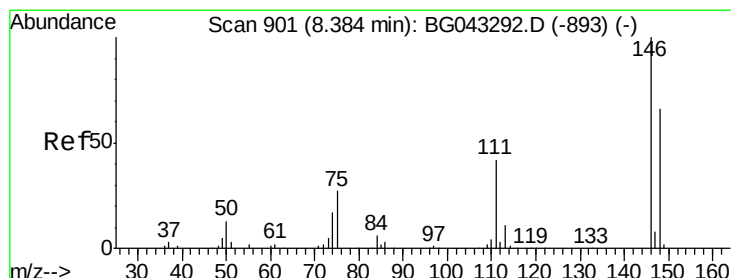
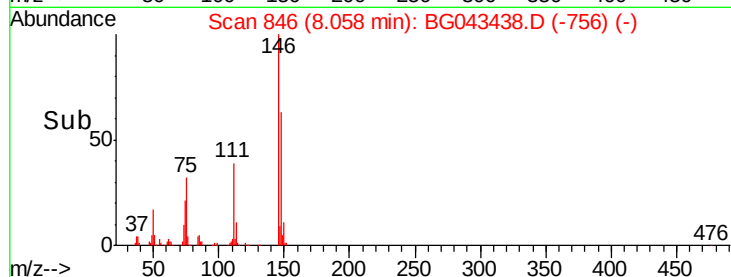
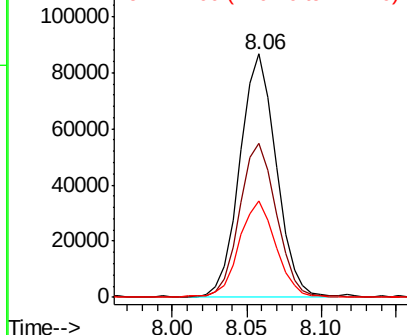
#13
 1,4-Dichlorobenzene
 Concen: 41.149 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 147056
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.7 76.1
 111 39.4 33.0 49.6

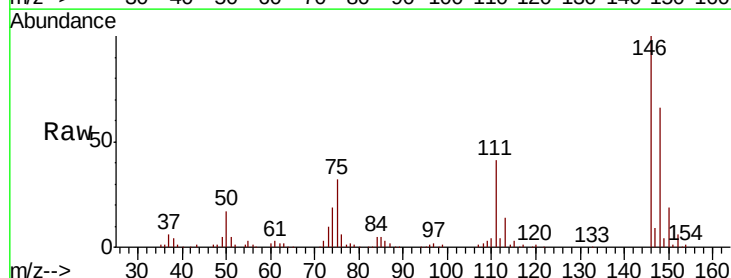


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

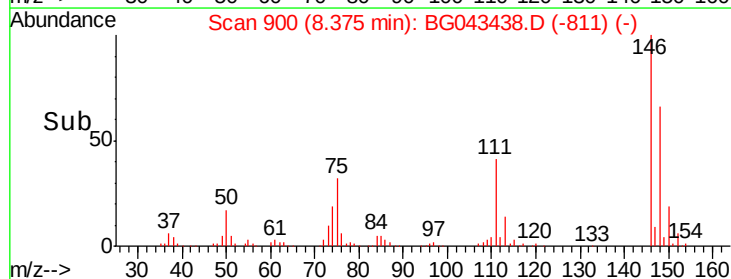
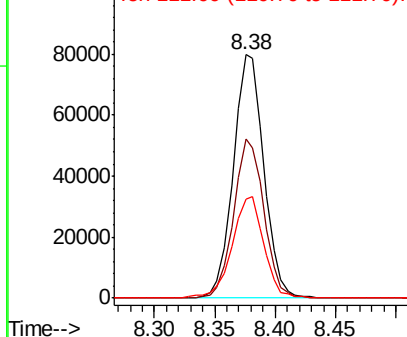


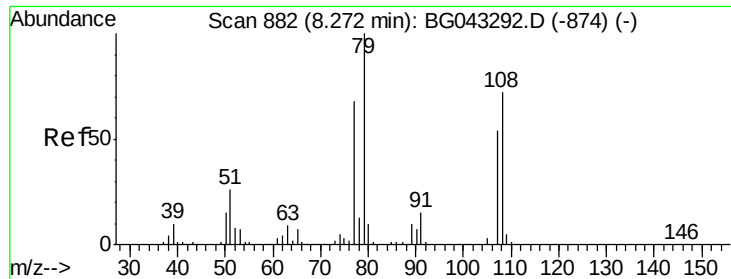
#14
 1,2-Dichlorobenzene
 Concen: 40.285 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion:146 Resp: 140571
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.0 79.4
 111 40.7 34.5 51.7



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: 44.267 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

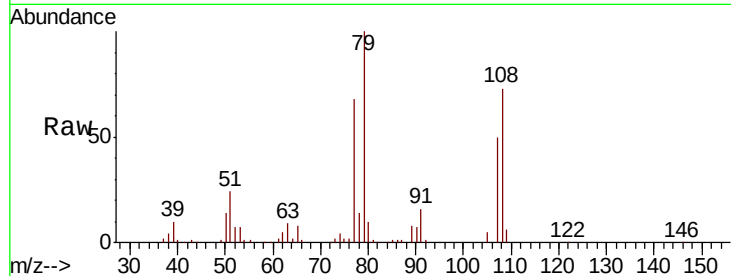
Tot Ion: 79 Resp: 114234

Ion Ratio Lower Upper

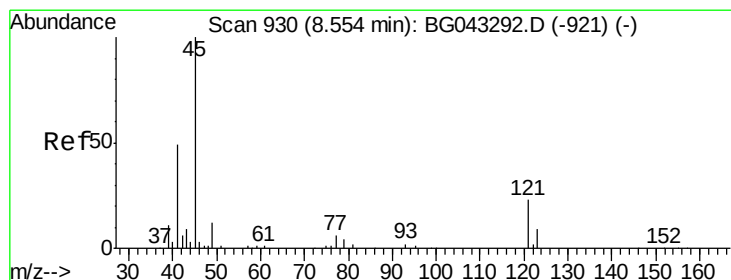
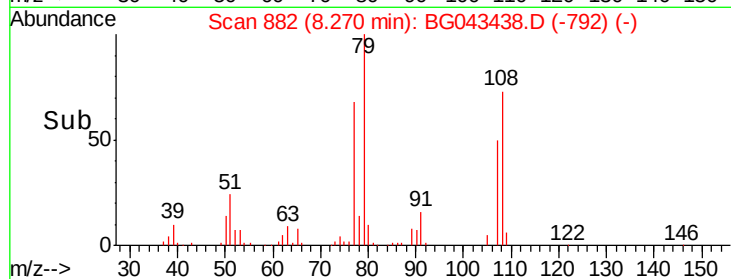
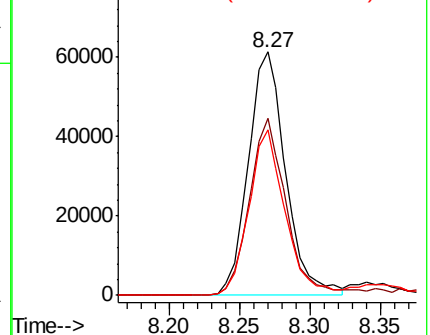
79 100

108 72.9 57.3 85.9

77 68.1 54.6 81.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.209 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

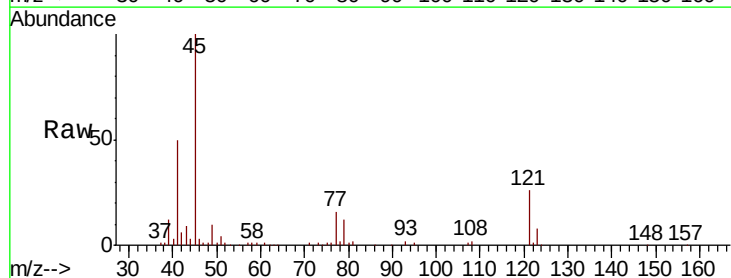
Tgt Ion: 45 Resp: 144229

Ion Ratio Lower Upper

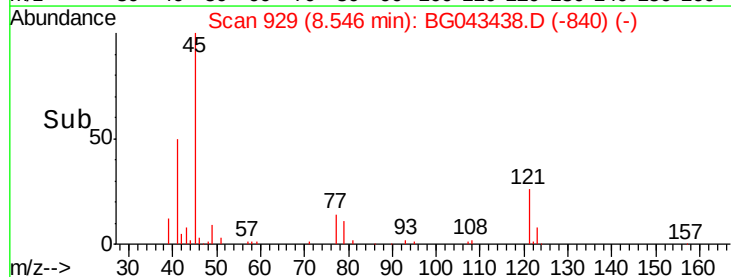
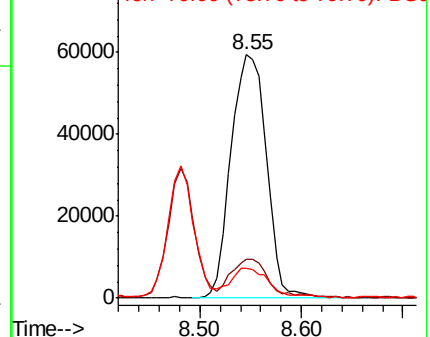
45 100

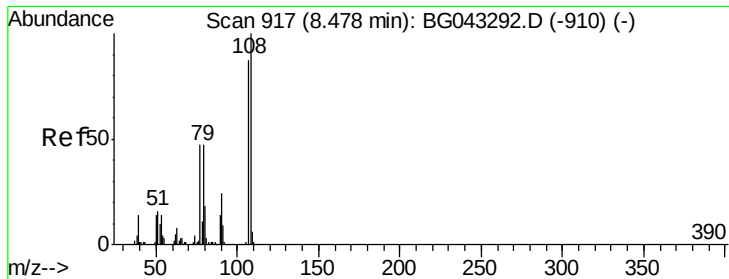
77 15.7 0.0 34.2

79 12.0 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

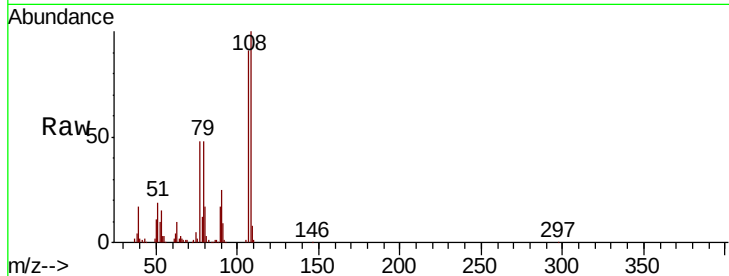




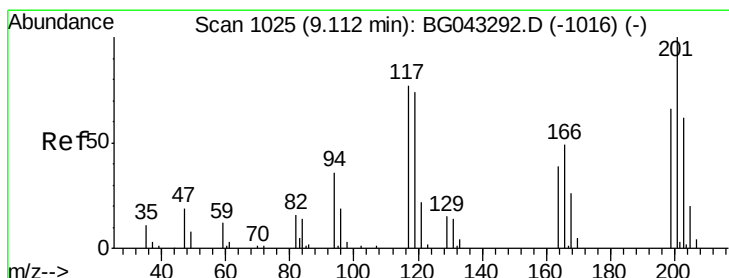
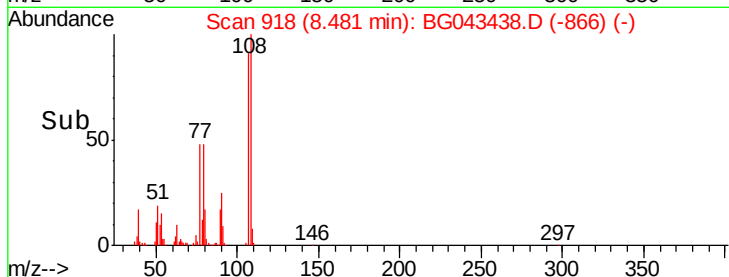
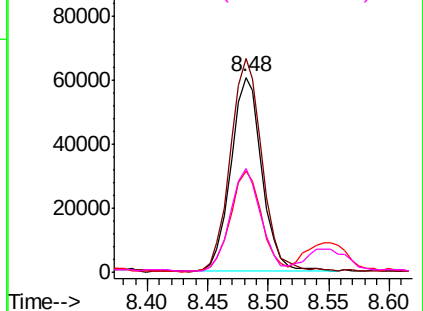
#17
2-Methylphenol
Concen: 44.398 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	108677
Ion	Ratio	Lower	Upper
107	100		
108	109.7	91.3	136.9
77	52.3	43.0	64.6
79	53.2	43.4	65.2

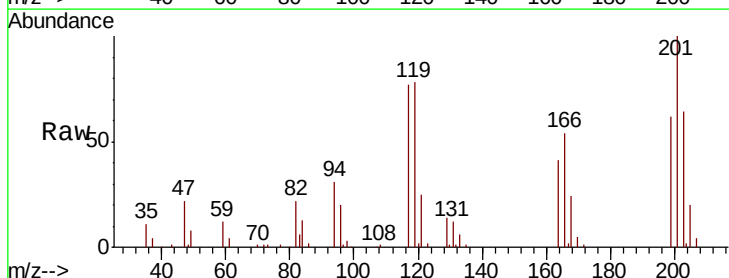


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

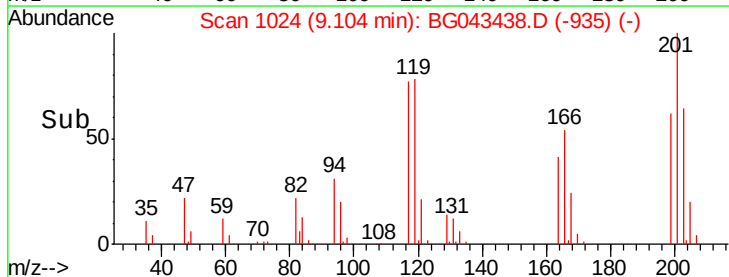
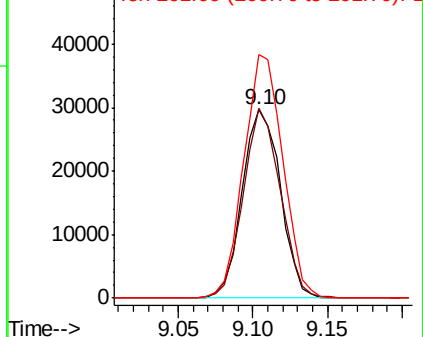


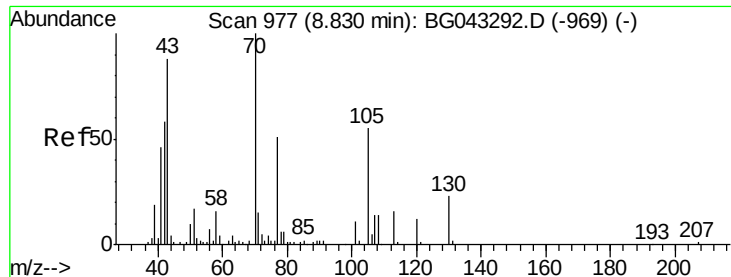
#18
Hexachloroethane
Concen: 40.757 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:	117	Resp:	52551
Ion	Ratio	Lower	Upper
117	100		
119	100.9	77.3	115.9
201	129.2	104.2	156.4



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

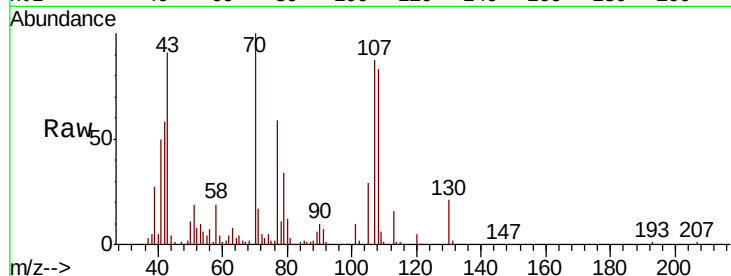




#19
n-Nitroso-di-n-propylamine
Concen: 40.046 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	95085
Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.2	69.2
101	9.7	8.6	13.0
130	21.5	18.6	27.8



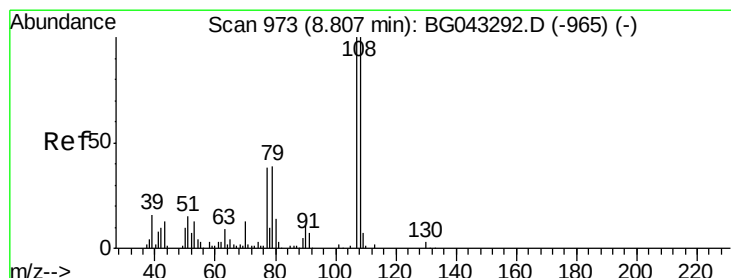
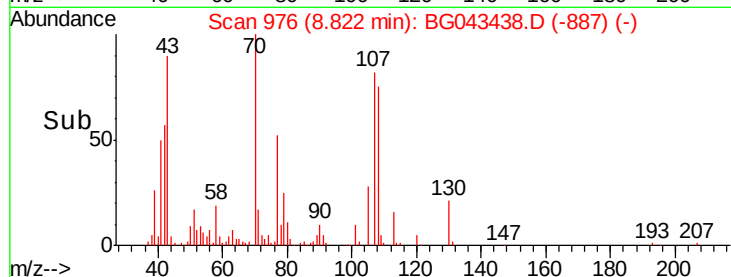
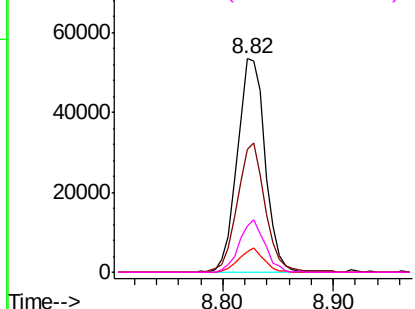
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

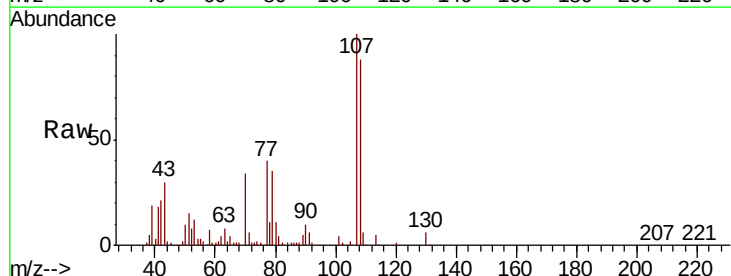
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.827 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:	107	Resp:	147106
Ion	Ratio	Lower	Upper
107	100		
108	88.3	80.3	120.3
77	39.7	18.2	58.2
79	35.4	18.8	58.8



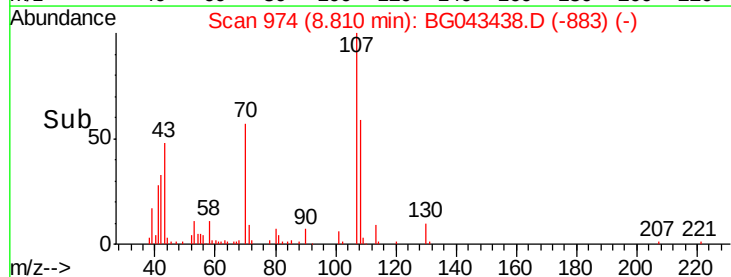
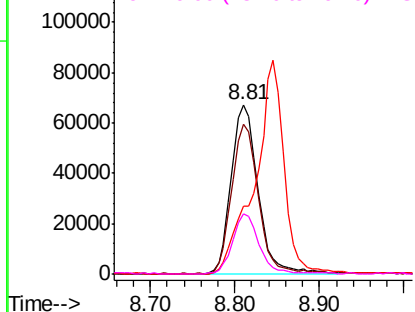
Abundance

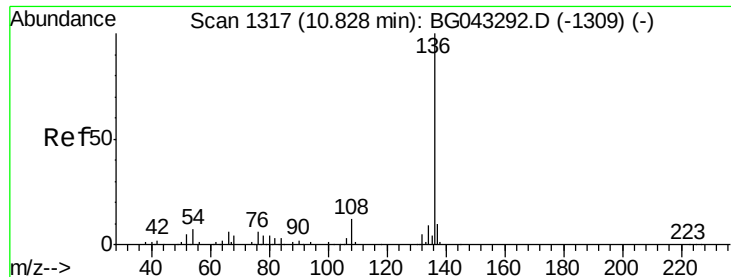
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

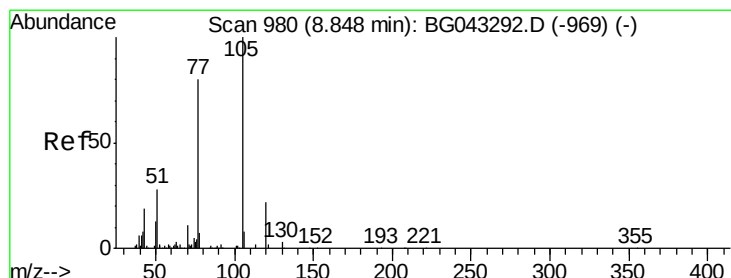
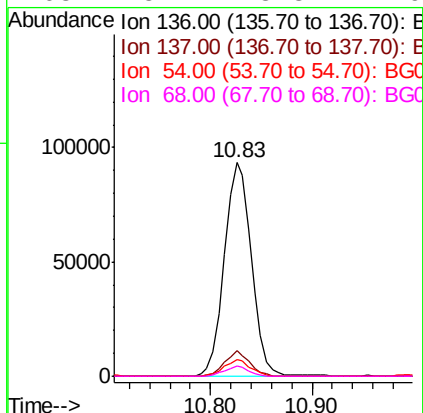
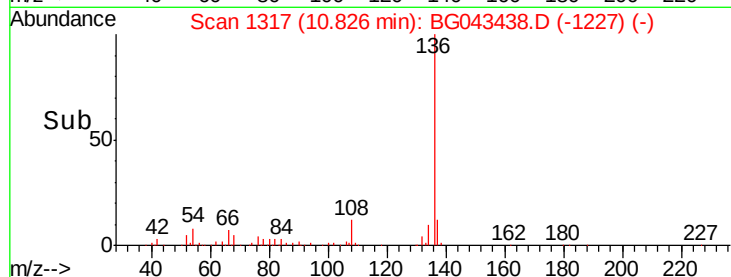
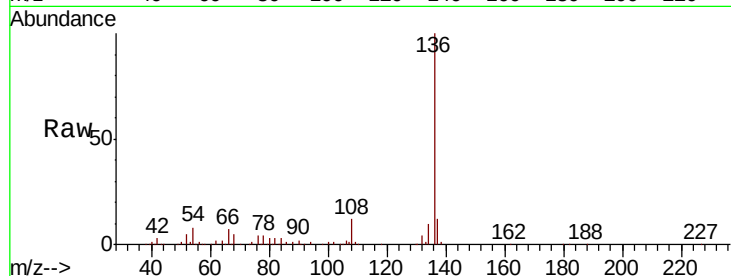




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

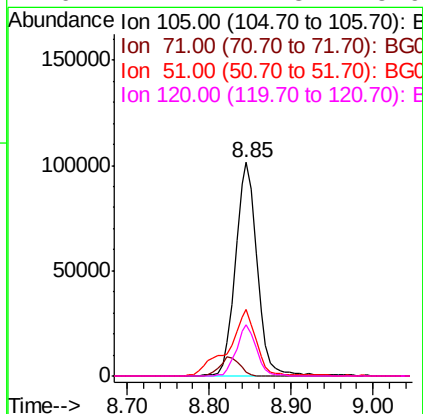
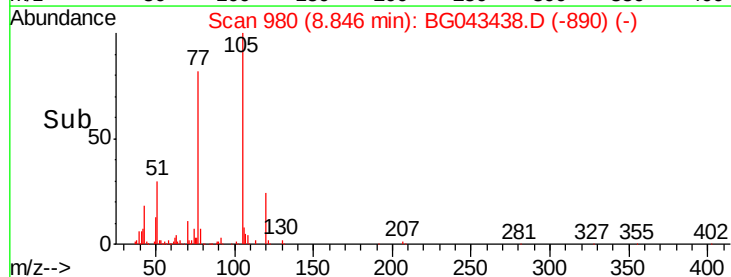
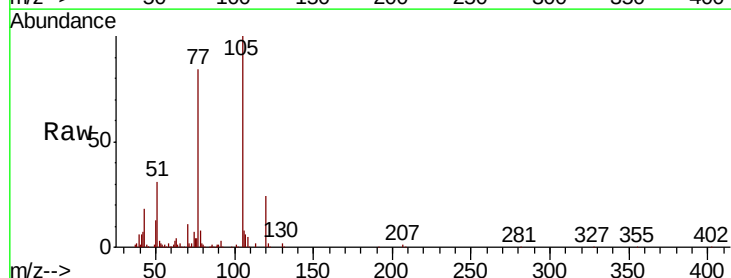
Instrument :
BNA_G
ClientSampleId :

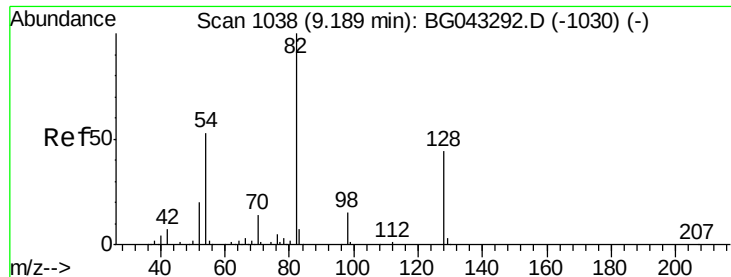
Tot Ion:136	Resp:	172486	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	8.2	12.2	
54 7.8	5.4	8.2	
68 5.1	3.3	4.9#	



#22
Acetophenone
Concen: 42.346 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt	Ion:105	Resp:	187050
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.5	2.3
51	31.0	23.9	35.9
120	24.2	17.3	25.9

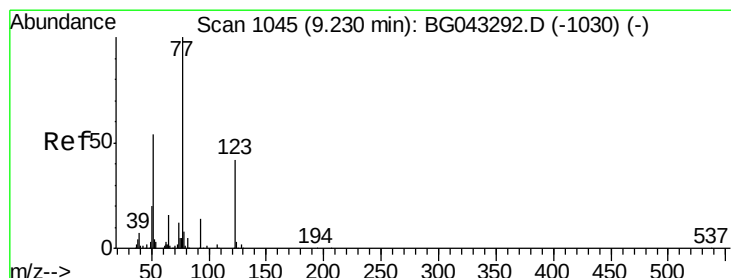
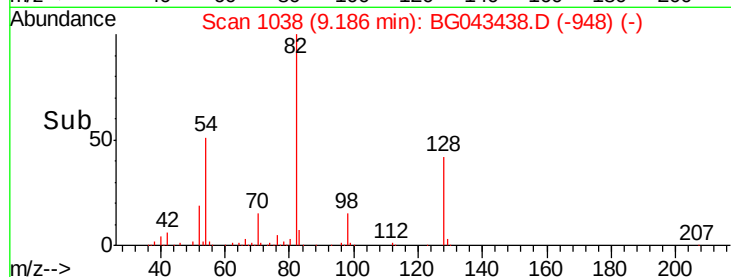
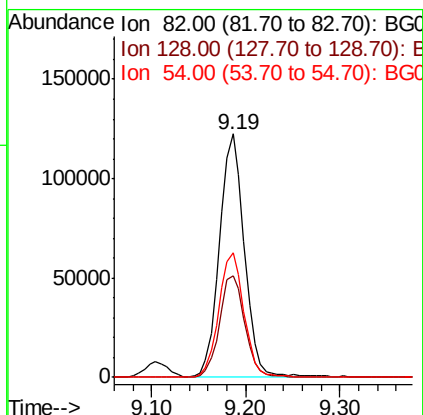
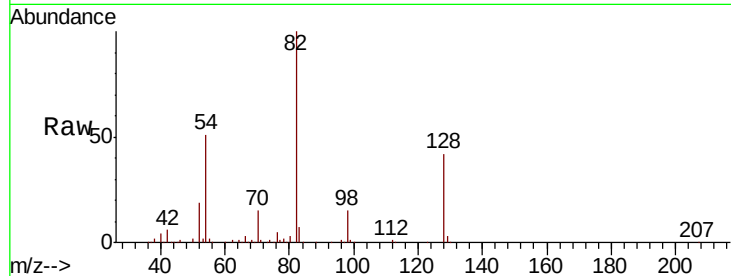




#23
 Nitrobenzene-d5
 Concen: 67.348 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

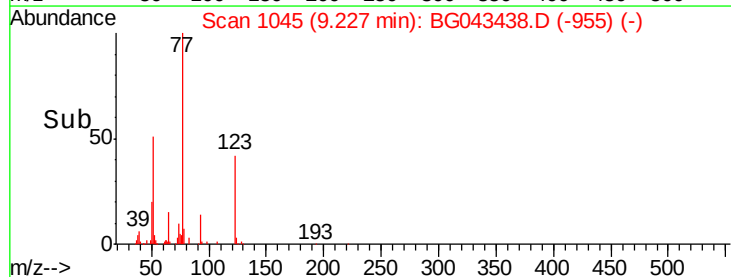
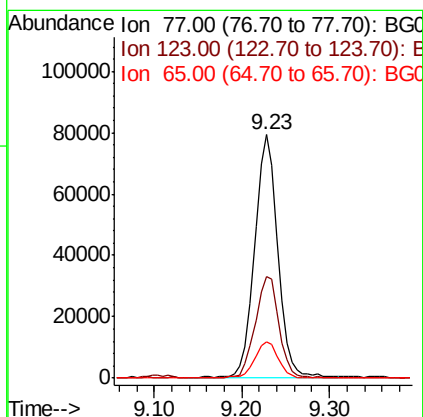
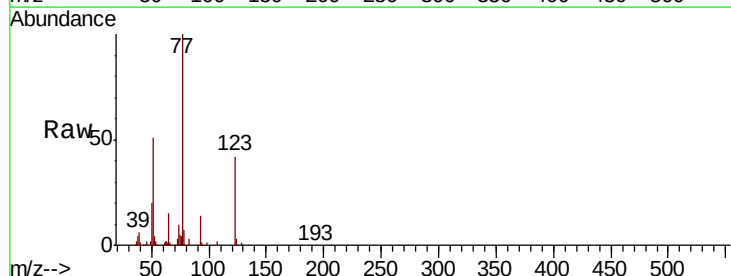
Instrument :
 BNA_G
 ClientSampleId :

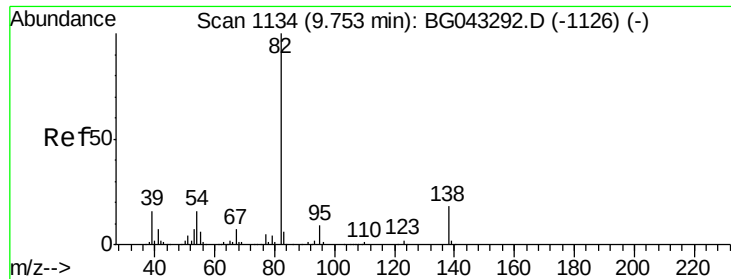
Tot Ion	82	Resp	225326
Ion Ratio	100	Lower	Upper
128	41.8	35.3	52.9
54	51.3	42.3	63.5



#24
 Nitrobenzene
 Concen: 45.238 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion	77	Resp	144179
Ion Ratio	100	Lower	Upper
123	41.7	33.8	50.8
65	14.9	13.0	19.4





#25

Isophorone

Concen: 43.245 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

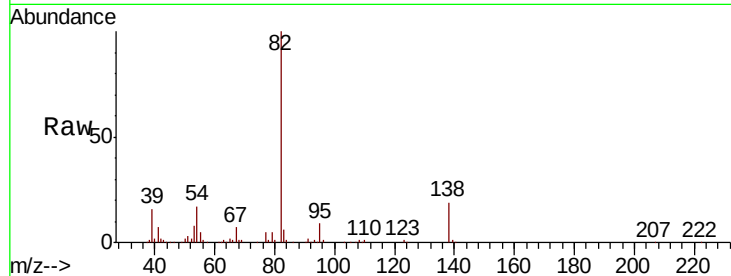
Tot Ion: 82 Resp: 264526

Ion Ratio Lower Upper

82 100

95 8.7 6.9 10.3

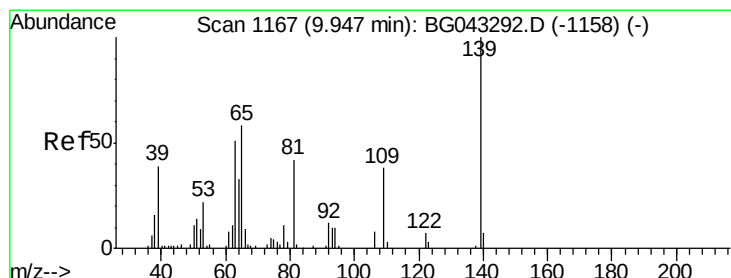
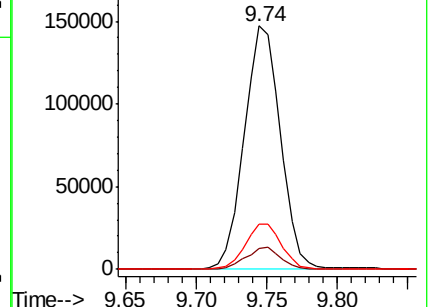
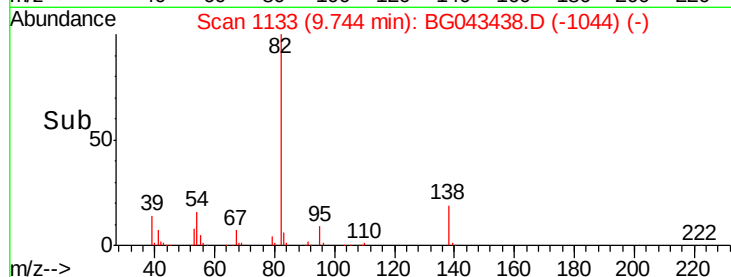
138 18.8 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BG043292.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BG043292.D (-1126) (-)

Ion 138.00 (137.70 to 138.70): BG043292.D (-1126) (-)



#26

2-Nitrophenol

Concen: 49.106 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

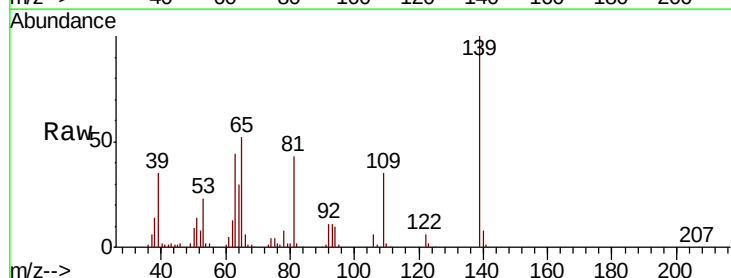
Tgt Ion: 139 Resp: 75560

Ion Ratio Lower Upper

139 100

109 35.0 30.1 45.1

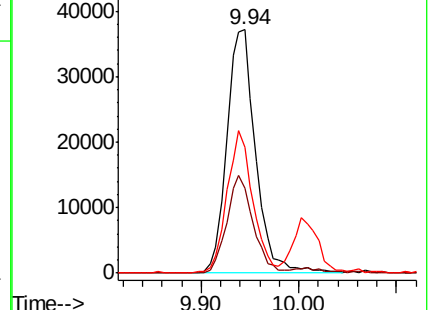
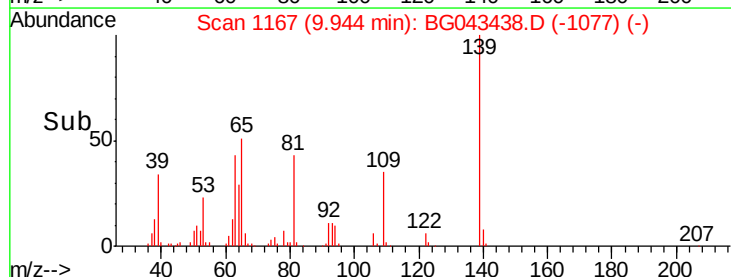
65 51.8 46.1 69.1

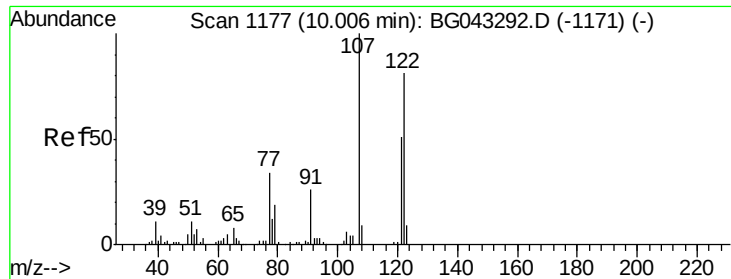


Abundance Ion 139.00 (138.70 to 139.70): BG043292.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG043292.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG043292.D (-1158) (-)

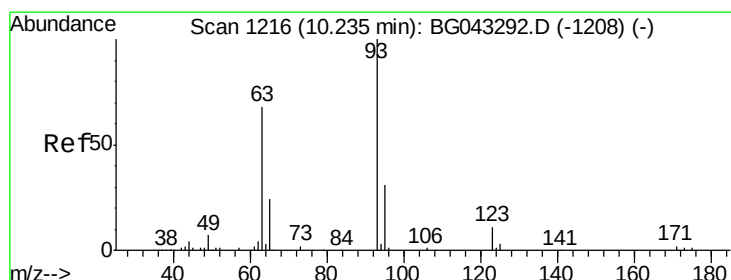
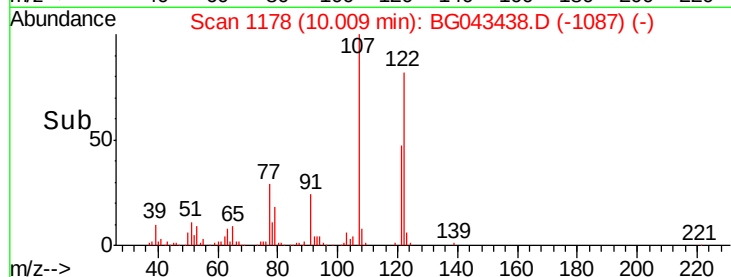
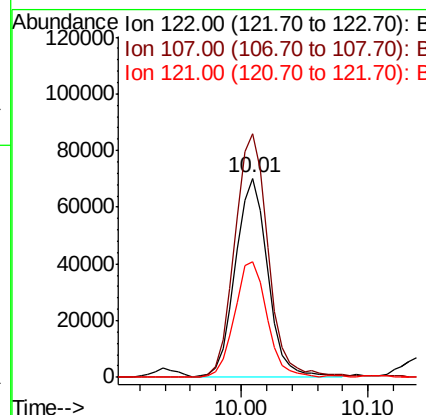
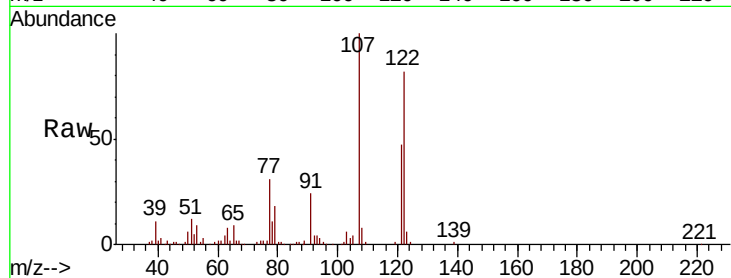




#27
 2,4-Dimethylphenol
 Concen: 55.260 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

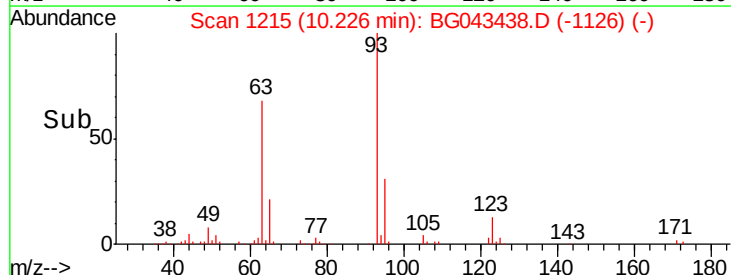
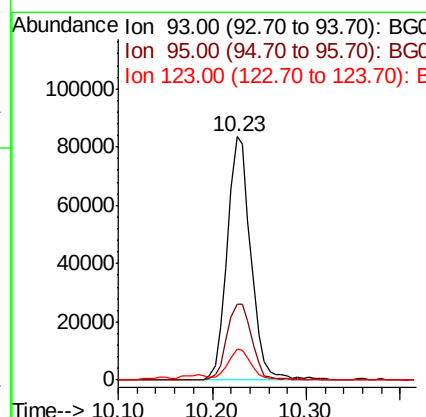
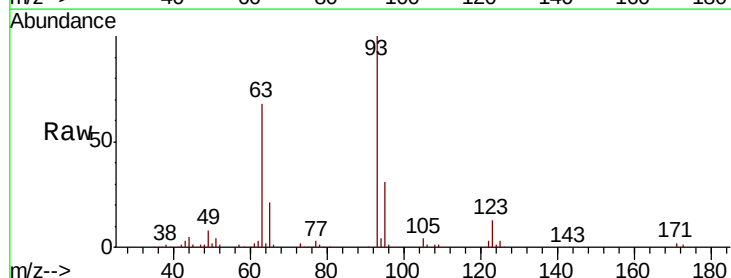
Instrument :
 BNA_G
 ClientSampleId :

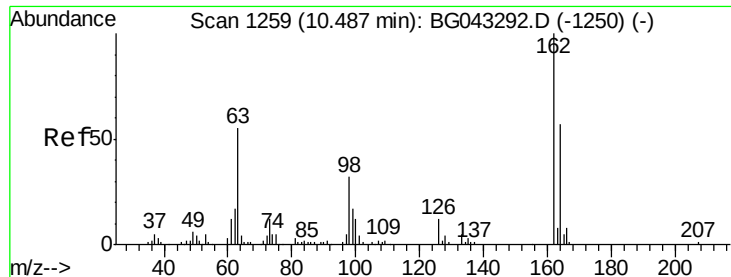
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.1	98.6	147.8
121	57.8	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.469 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	24.9	37.3
123	12.6	8.9	13.3

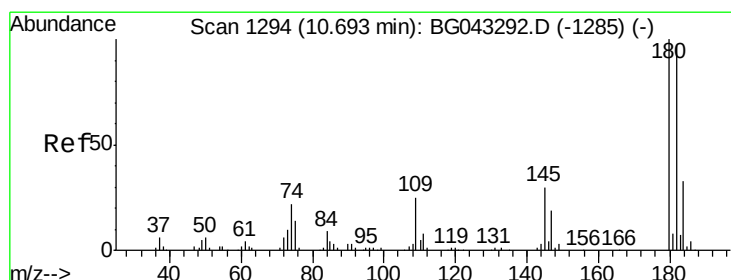
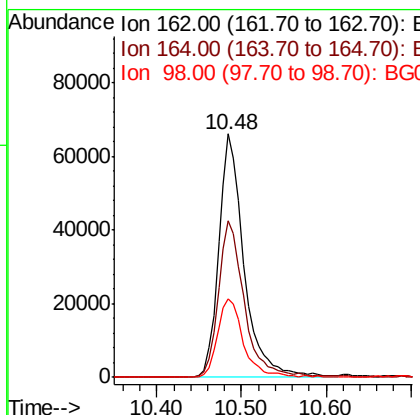
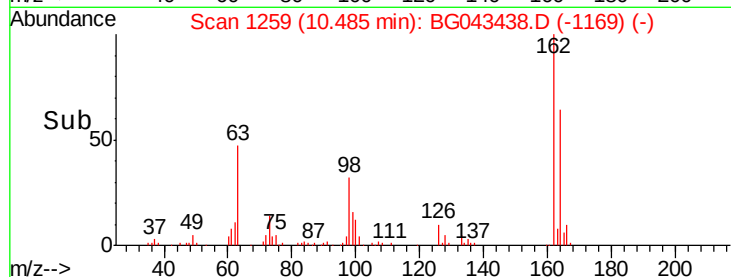
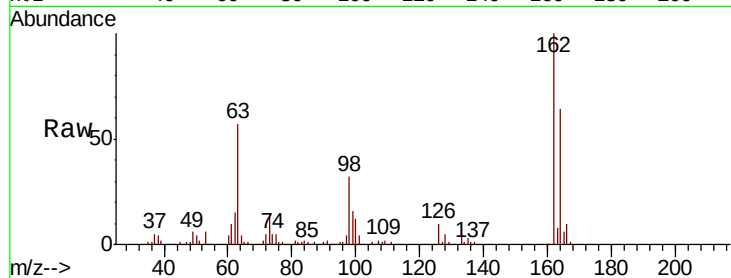




#29
2,4-Dichlorophenol
Concen: 48.758 ng
RT: 10.48 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

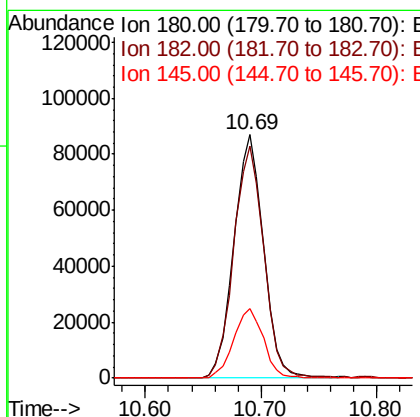
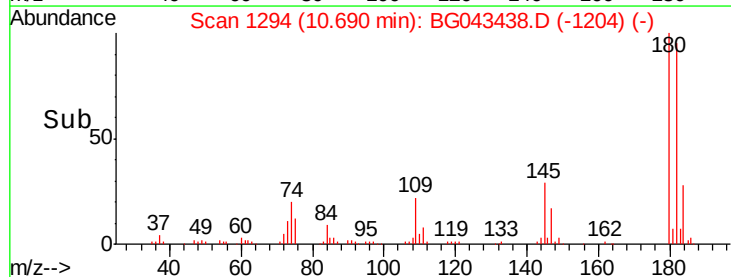
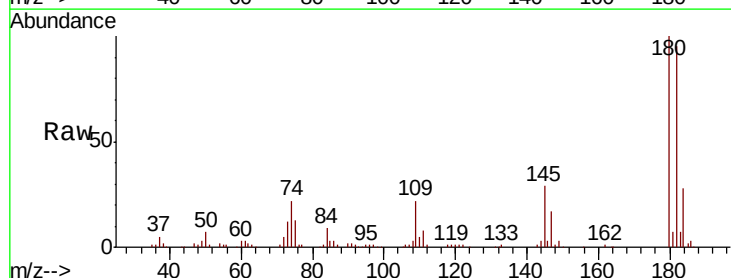
Instrument :
BNA_G
ClientSampled :

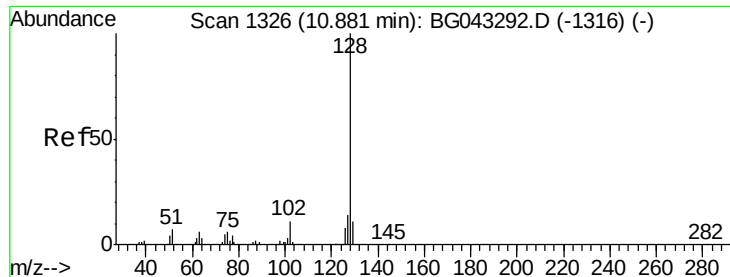
Tot Ion	162	Resp	137775
Ion	Ratio	Lower	Upper
162	100		
164	64.2	37.3	77.3
98	32.4	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 43.518 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion	180	Resp	154984
Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.8	116.8
145	28.8	23.6	35.4

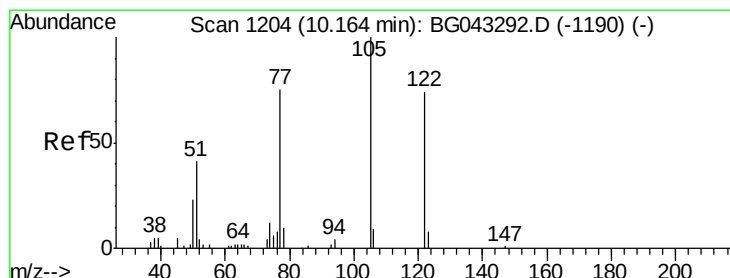
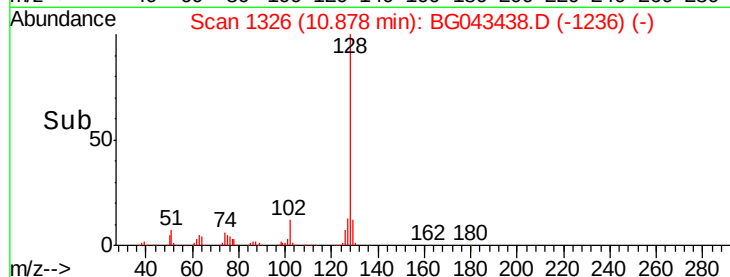
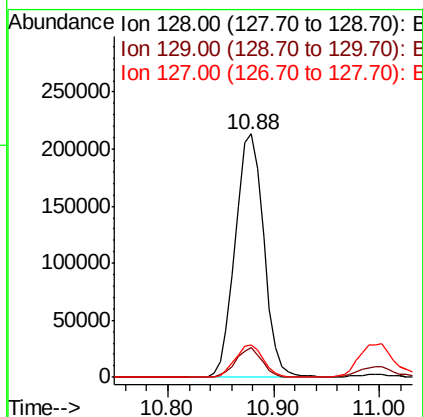
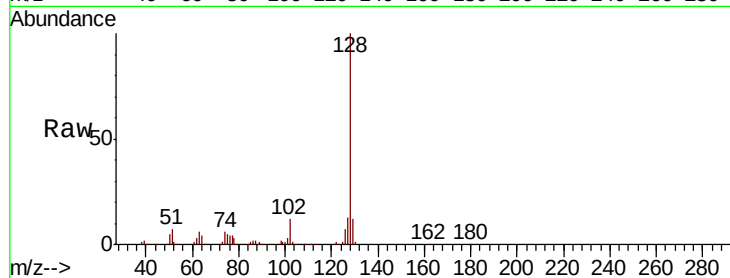




#31
Naphthalene
Concen: 45.616 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

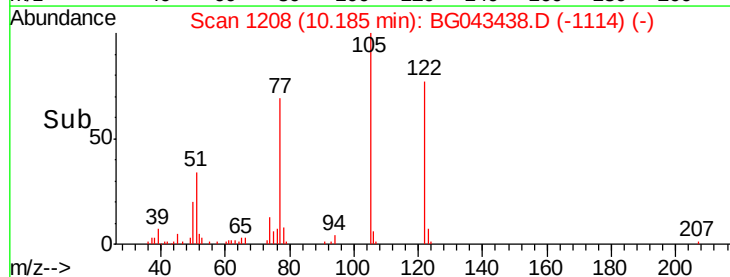
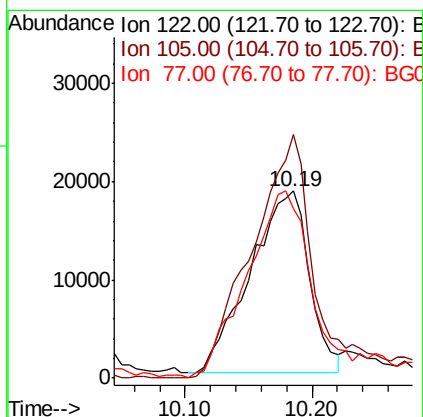
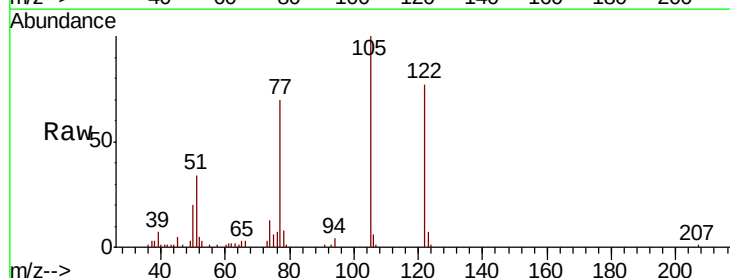
Instrument :
BNA_G
ClientSampleId :

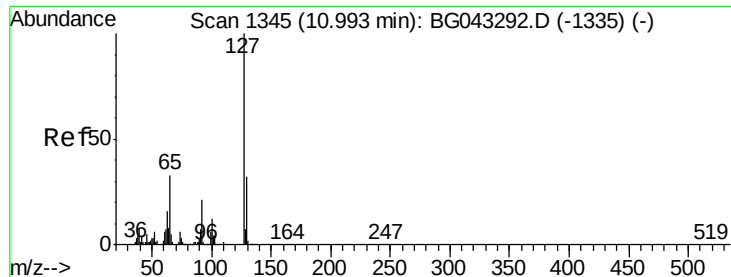
Tot Ion:128 Resp: 399381
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 13.3 11.5 17.3



#32
Benzoic acid
Concen: 37.916 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:122 Resp: 59903
Ion Ratio Lower Upper
122 100
105 130.1 112.4 152.4
77 90.7 82.7 122.7

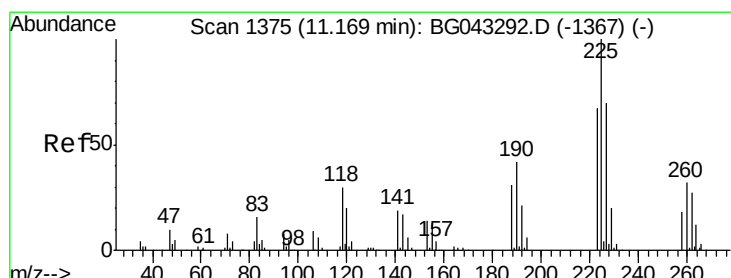
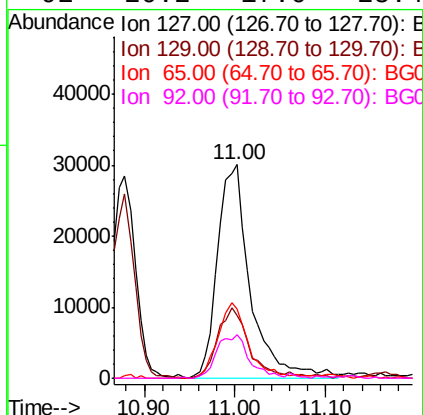
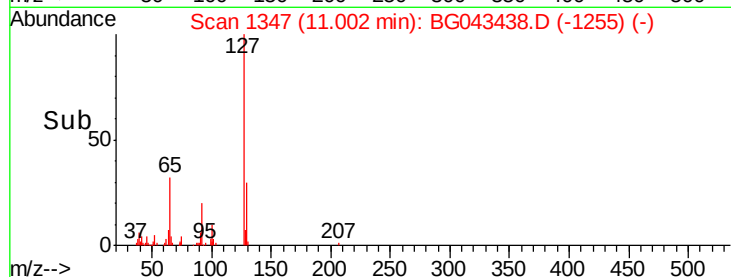
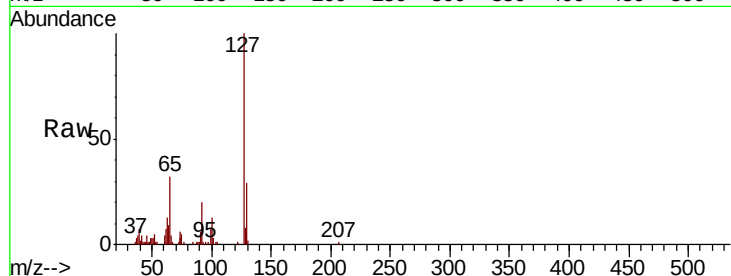




#33
4-Chloroaniline
Concen: 21.107 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

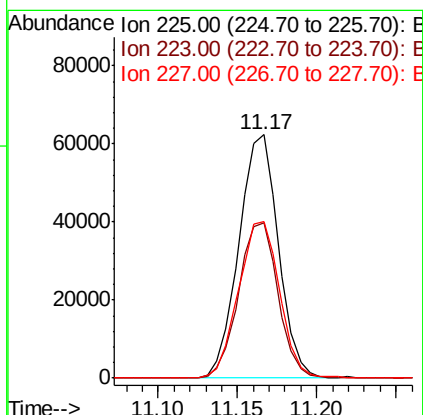
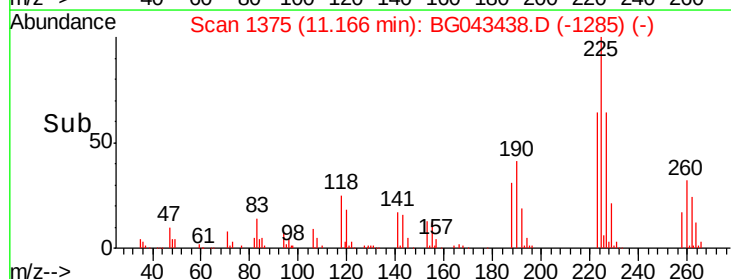
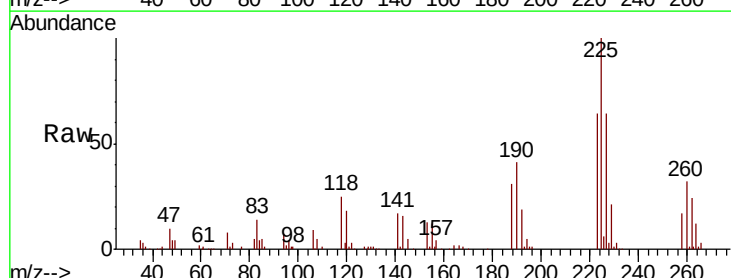
Instrument :
BNA_G
ClientSampled :

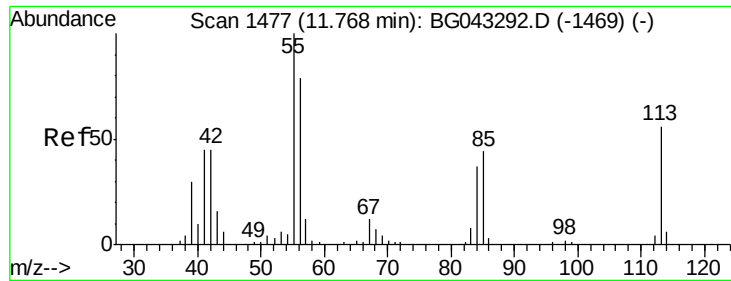
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.3	25.8	38.8
65	32.2	26.2	39.2
92	20.2	17.0	25.4



#34
Hexachlorobutadiene
Concen: 41.014 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	53.2	79.8
227	64.3	56.2	84.2

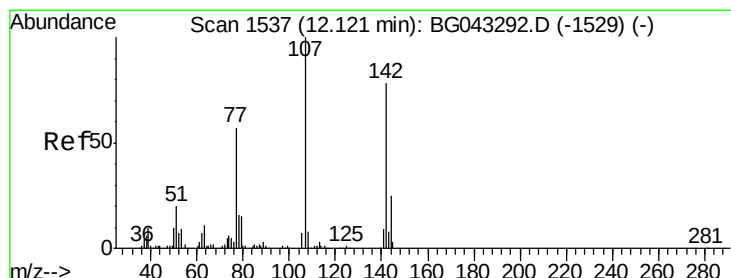
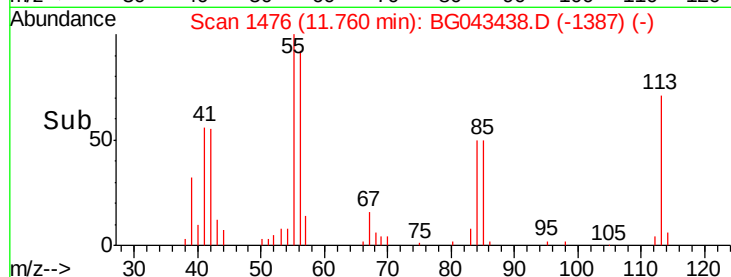
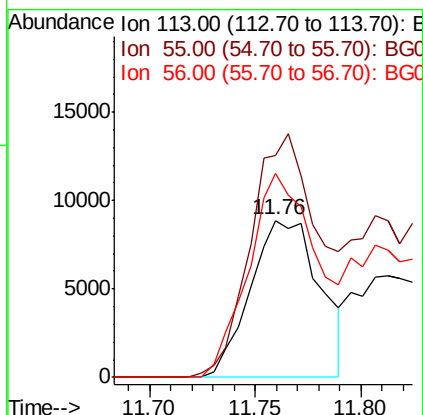
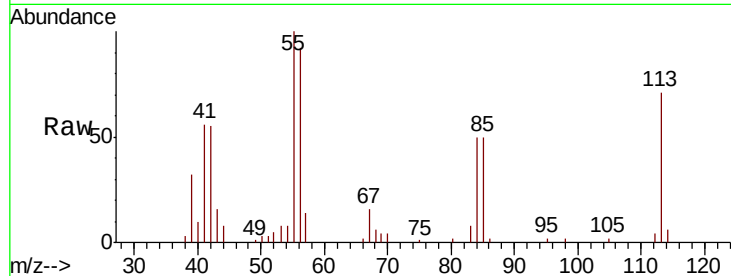




#35
 Caprolactam
 Concen: 20.853 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

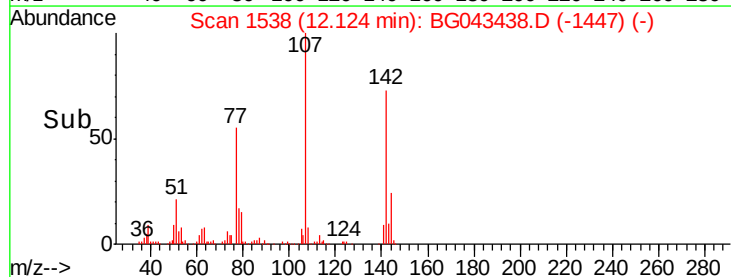
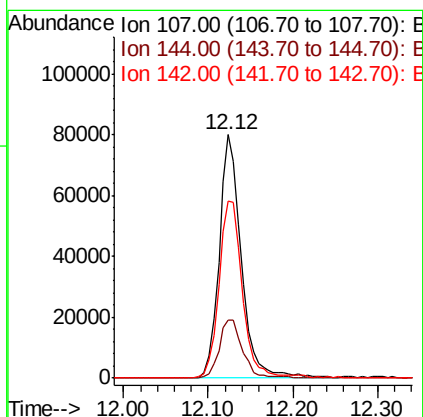
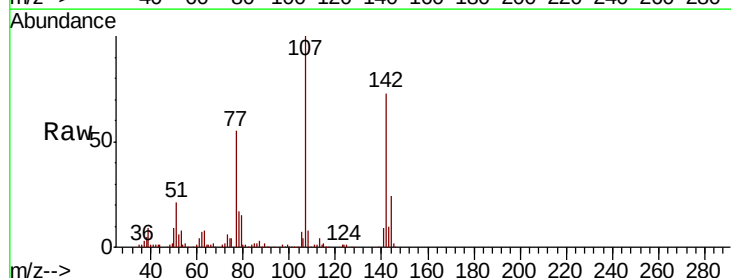
Instrument :
 BNA_G
 ClientSampled :

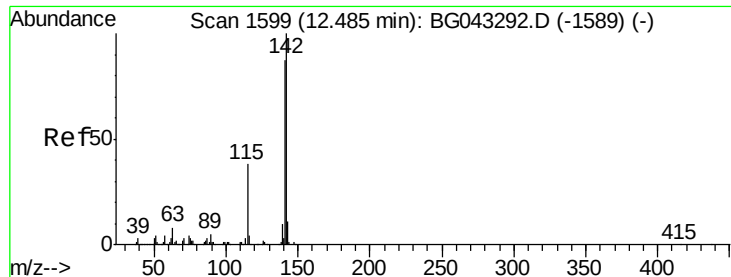
Tot Ion:113 Resp: 20294
 Ion Ratio Lower Upper
 113 100
 55 141.6 158.9 198.9#
 56 130.5 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.261 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion:107 Resp: 145671
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.9 29.9
 142 72.7 62.1 93.1

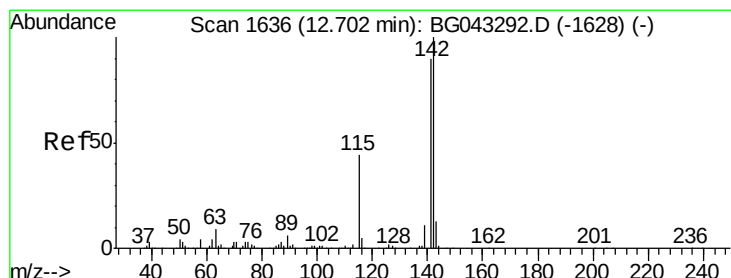
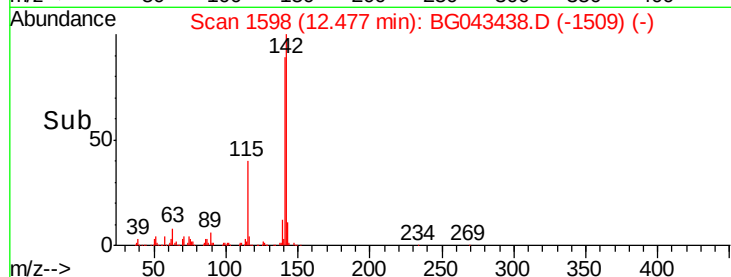
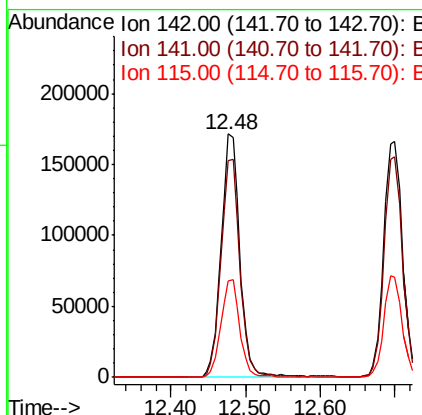
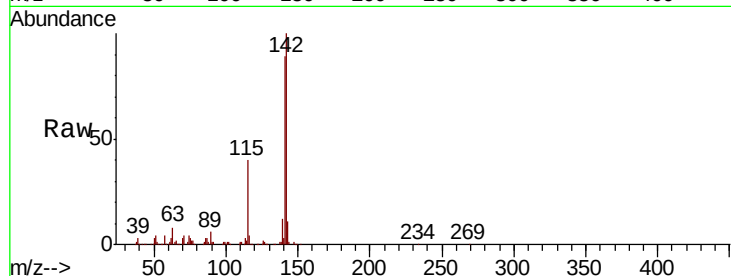




#37
2-Methylnaphthalene
Concen: 45.006 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

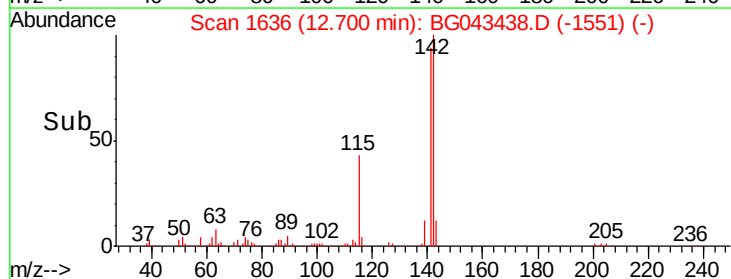
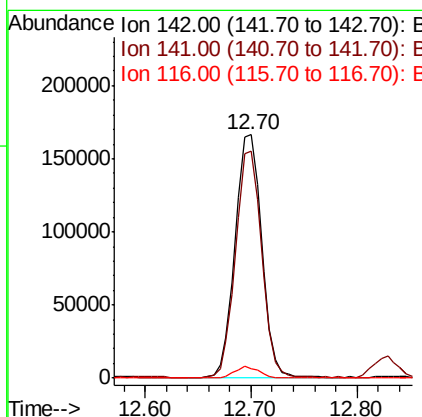
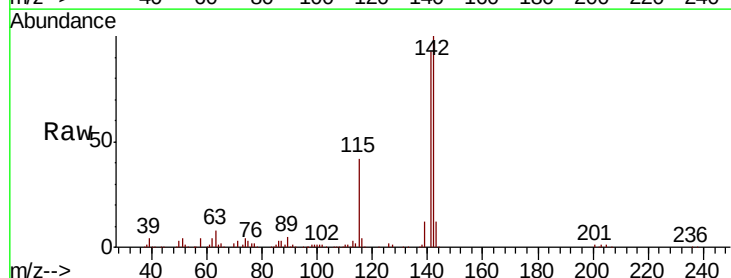
Instrument :
BNA_G
ClientSampleId :

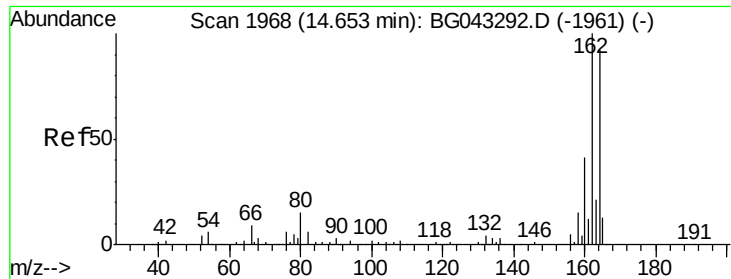
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.7	104.5
115	39.8	30.6	46.0



#38
1-Methylnaphthalene
Concen: 45.109 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.3	108.5
116	4.0	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

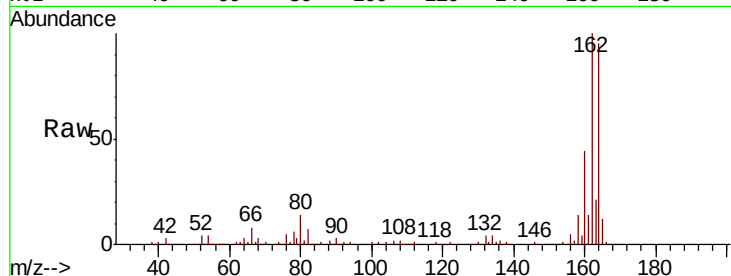
Tot Ion:164 Resp: 122154

Ion Ratio Lower Upper

164 100

162 105.8 87.0 130.4

160 46.3 35.5 53.3

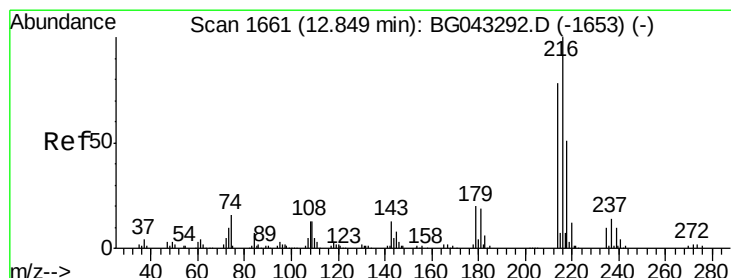
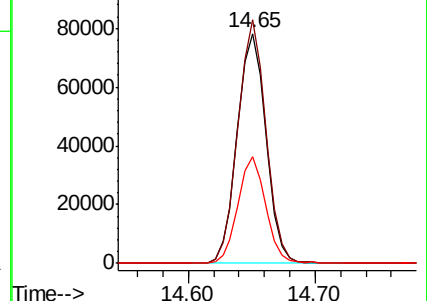
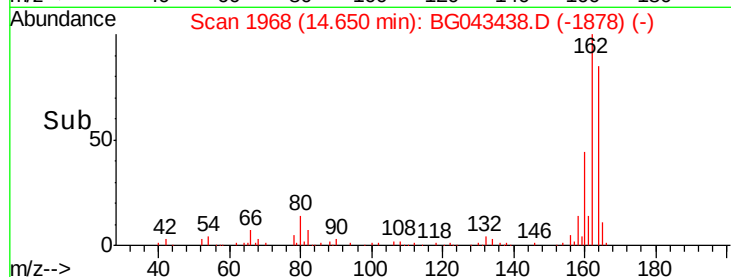


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.275 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Tgt Ion:216 Resp: 195636

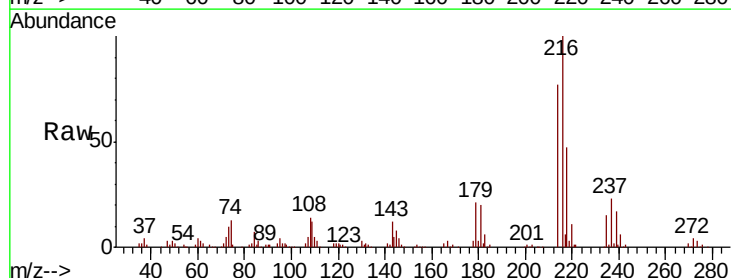
Ion Ratio Lower Upper

216 100

214 76.9 63.5 95.3

179 20.1 16.2 24.2

108 16.4 11.2 16.8



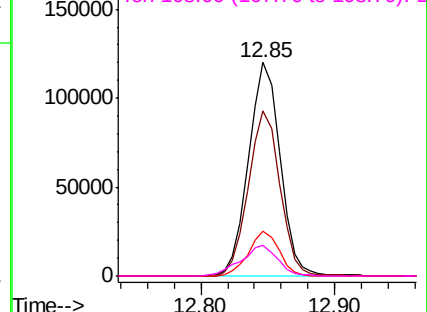
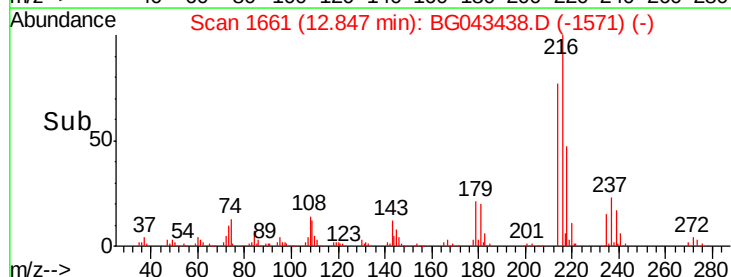
Abundance

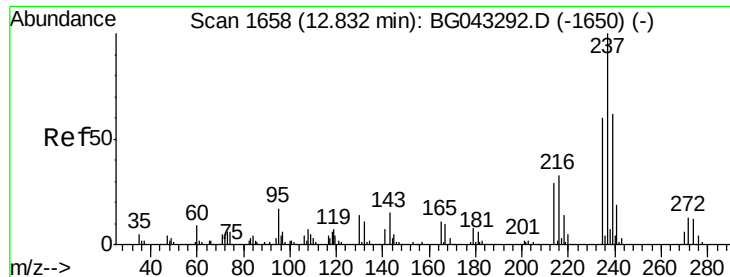
Ion 216.00 (215.70 to 216.70): E

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

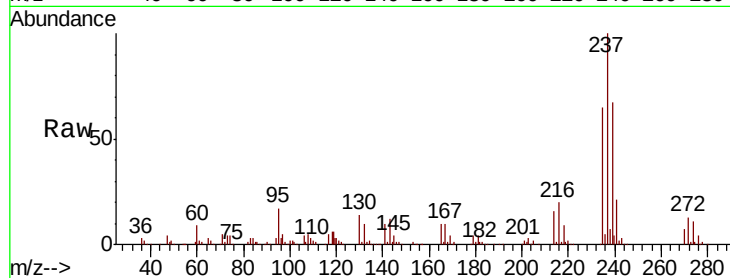




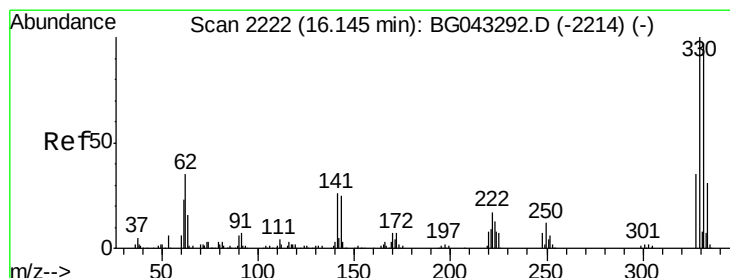
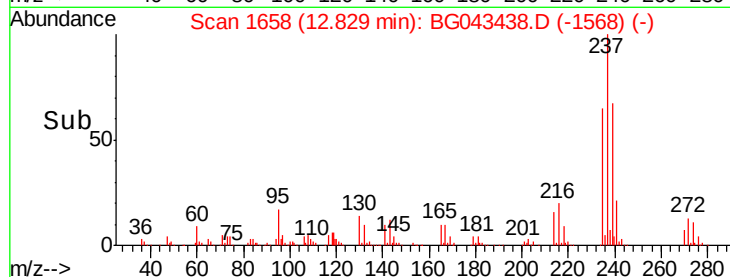
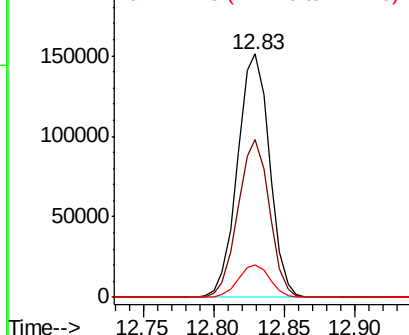
#41
Hexachlorocyclopentadiene
Concen: 100.919 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.0	40.3	80.3
272	13.3	0.0	32.9

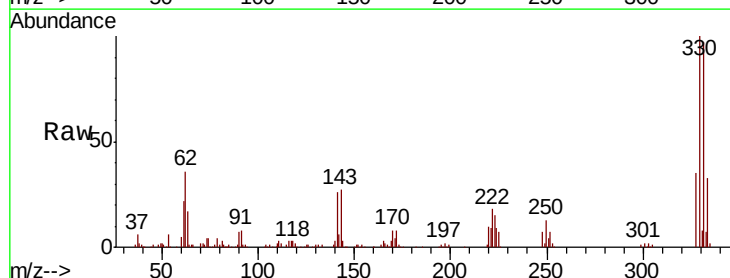


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

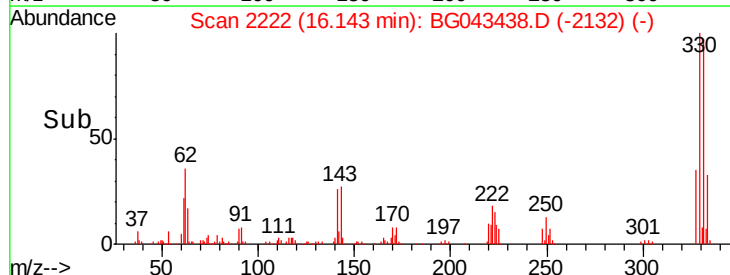
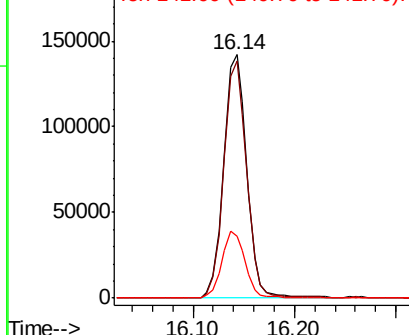


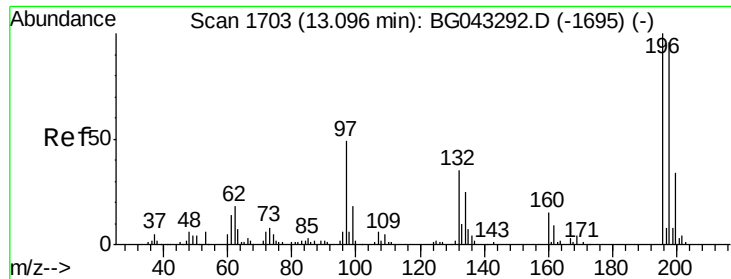
#42
2,4,6-Tribromophenol
Concen: 96.755 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.4	114.6
141	27.5	21.4	32.0



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

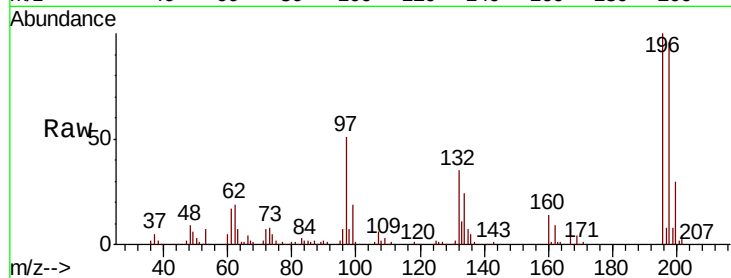




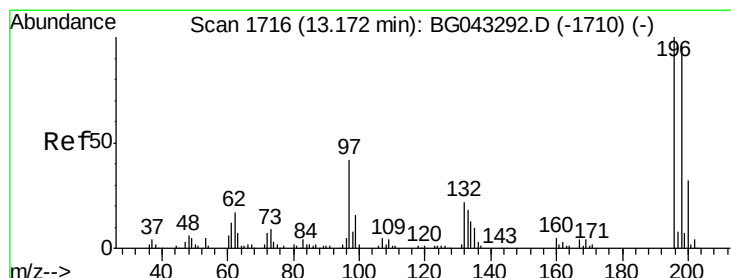
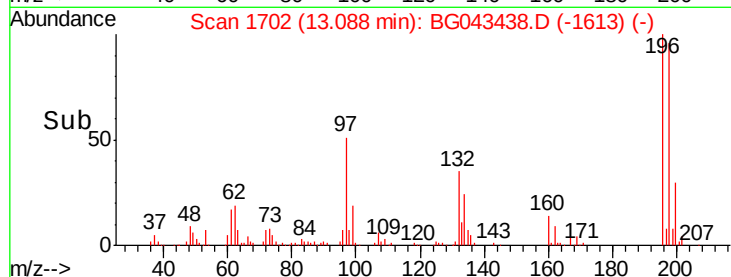
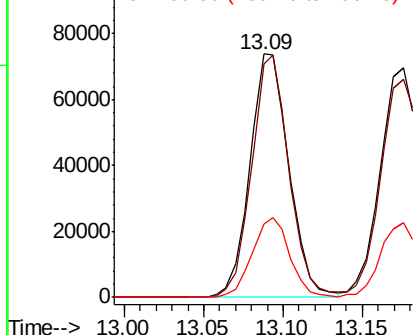
#43
 2,4,6-Trichlorophenol
 Concen: 47.414 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 126231
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.0 115.4
 200 30.3 27.4 41.2

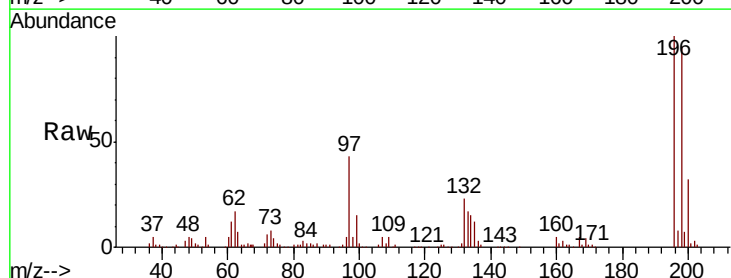


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

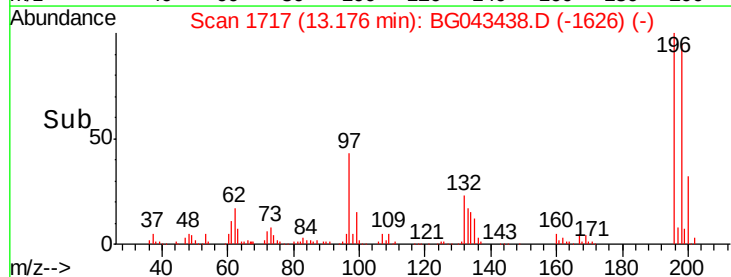
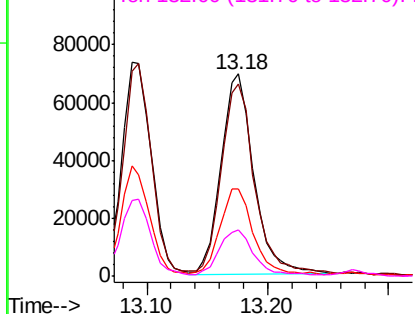


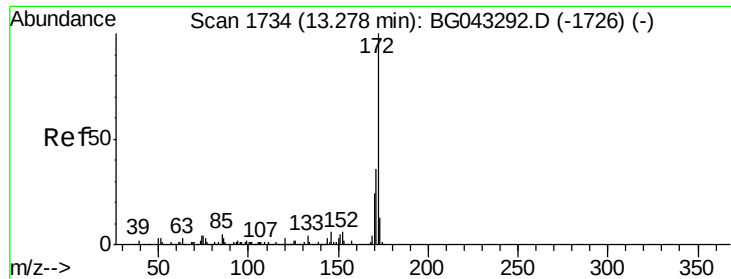
#44
 2,4,5-Trichlorophenol
 Concen: 48.811 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion:196 Resp: 131378
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 114.8
 97 43.3 34.1 51.1
 132 22.9 18.2 27.4



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: 57.419 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

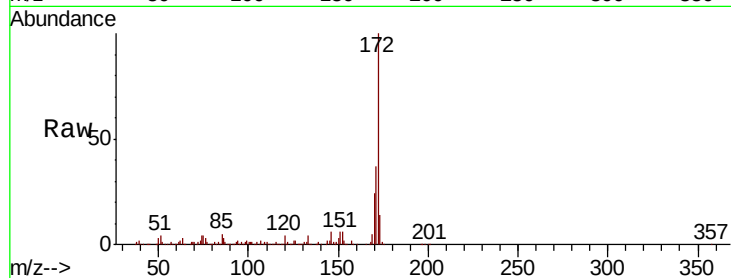
Tot Ion:172 Resp: 507594

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

170 23.5 18.8 28.2

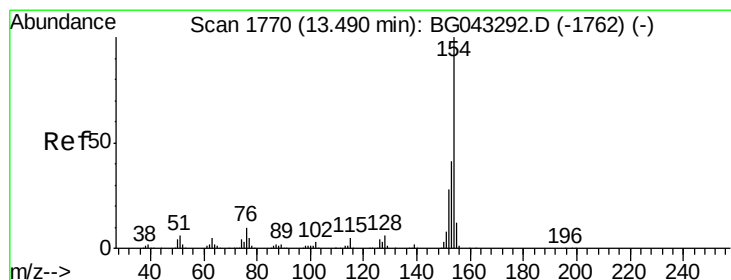
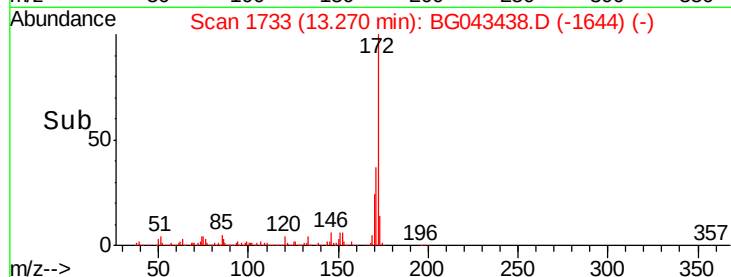
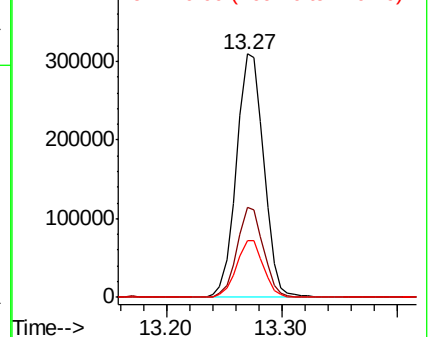


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.252 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

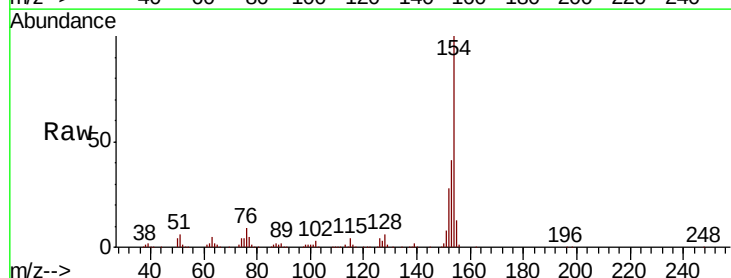
Tgt Ion:154 Resp: 401930

Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 8.9 0.0 29.8

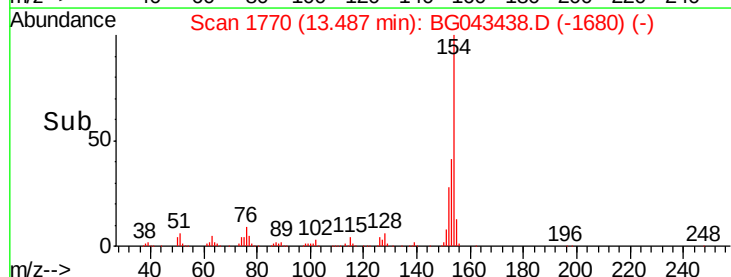
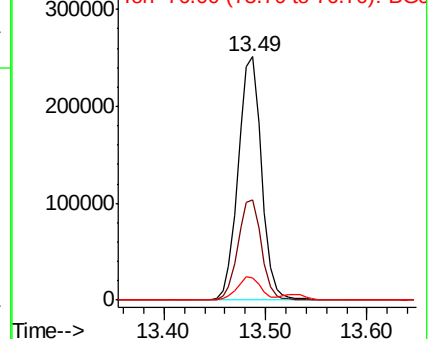


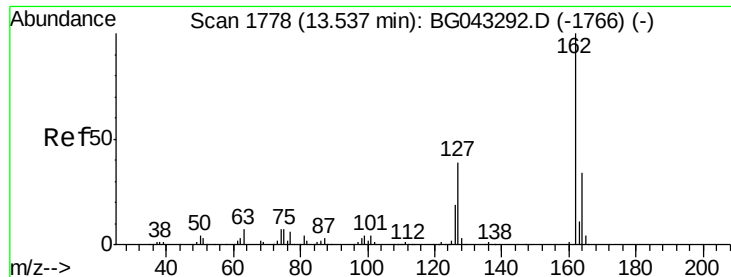
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

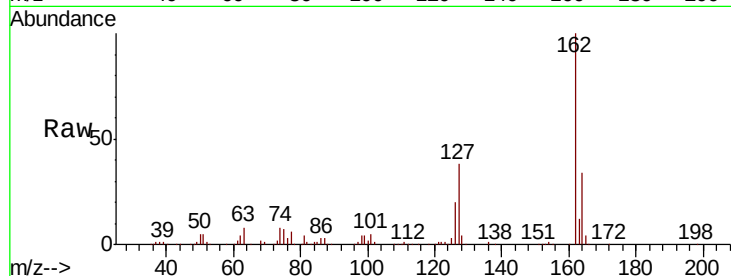




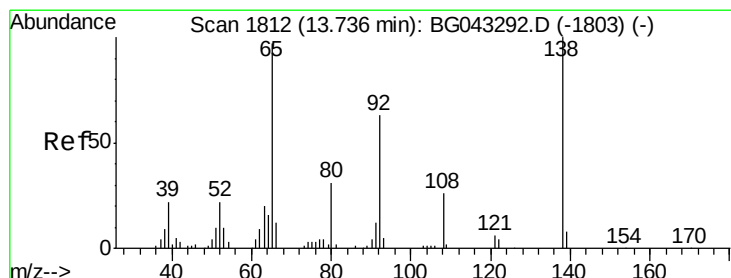
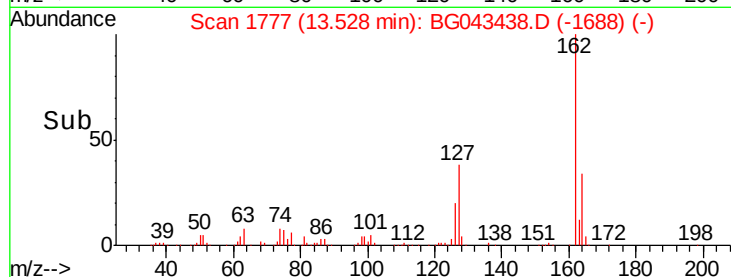
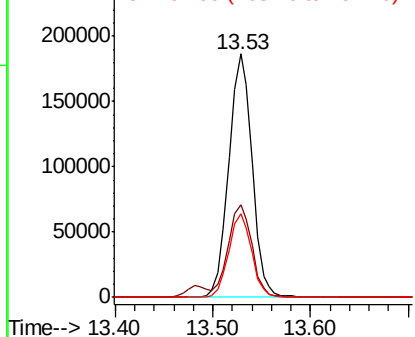
#47
2-Chloronaphthalene
Concen: 43.809 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.3	46.9
164	34.3	26.8	40.2

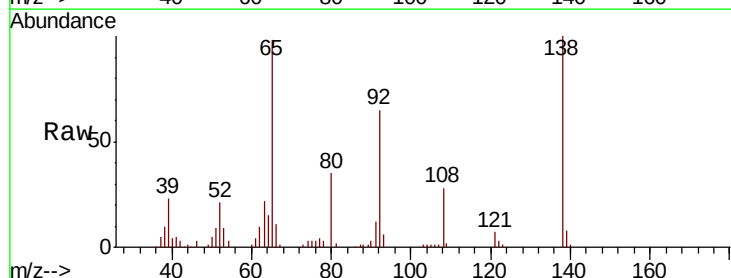


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

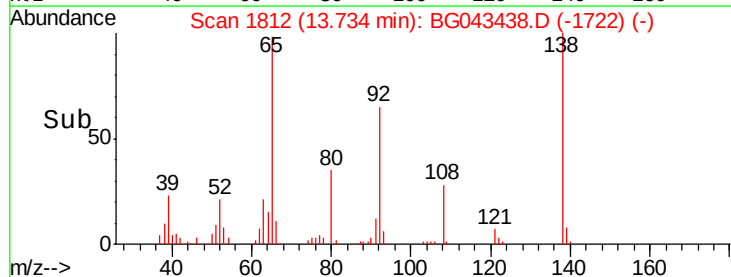
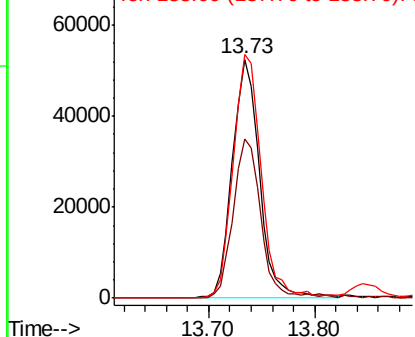


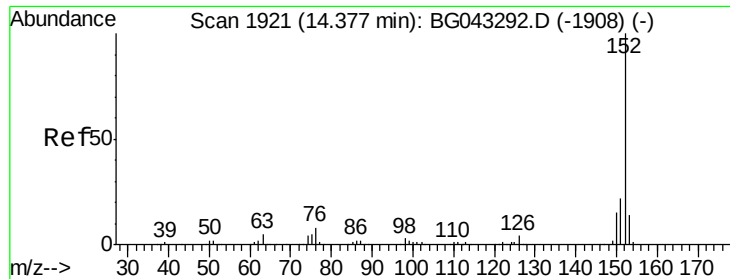
#48
2-Nitroaniline
Concen: 44.236 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.6	79.0
138	102.0	82.9	124.3



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: 46.492 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

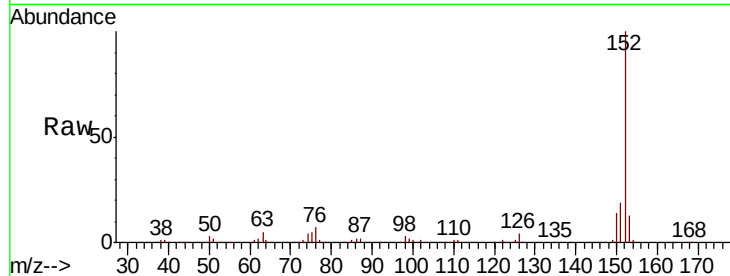
Tot Ion:152 Resp: 511620

Ion Ratio Lower Upper

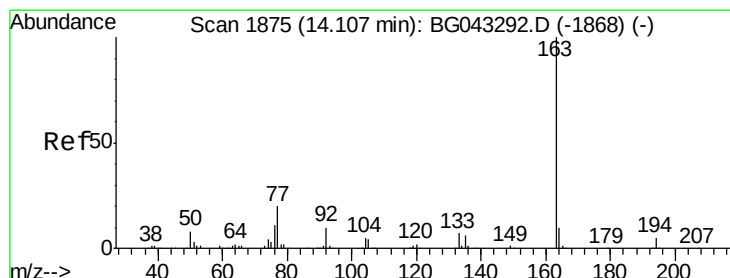
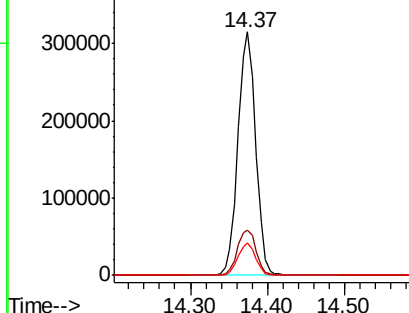
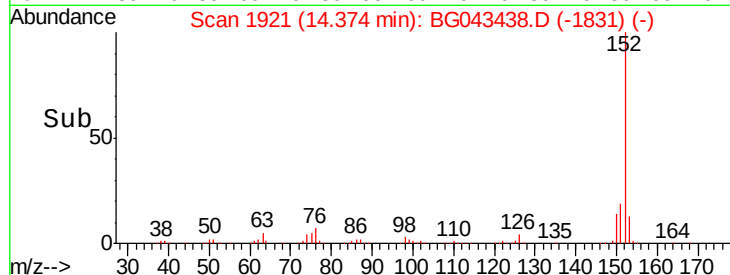
152 100

151 18.8 17.2 25.8

153 13.2 11.0 16.6



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: 48.790 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

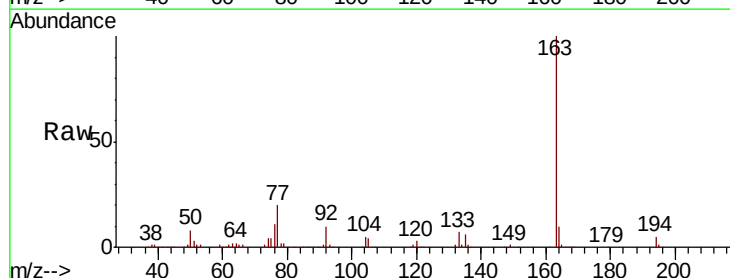
Tgt Ion:163 Resp: 461634

Ion Ratio Lower Upper

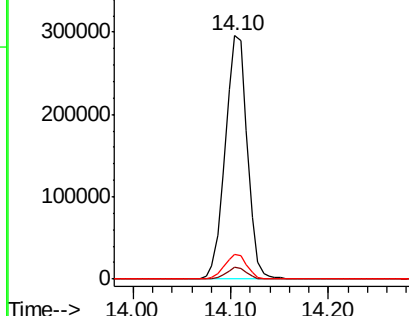
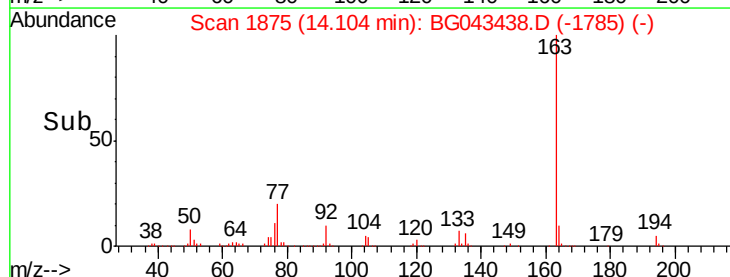
163 100

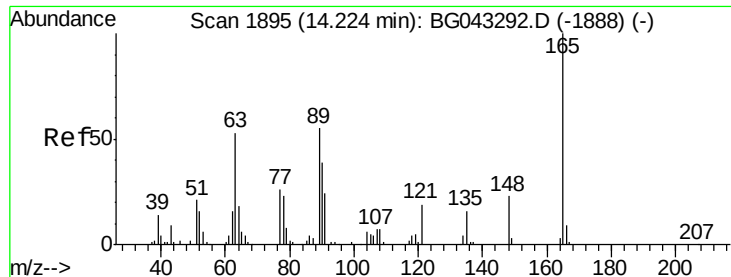
194 4.7 3.7 5.5

164 10.3 8.1 12.1



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

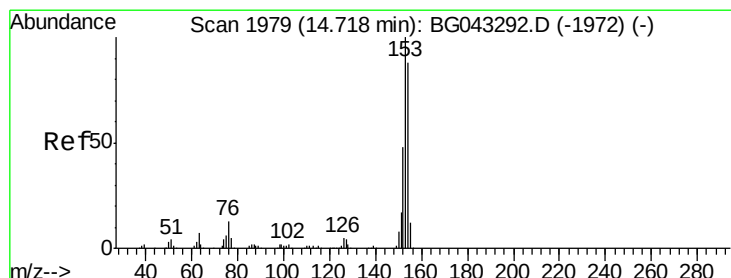
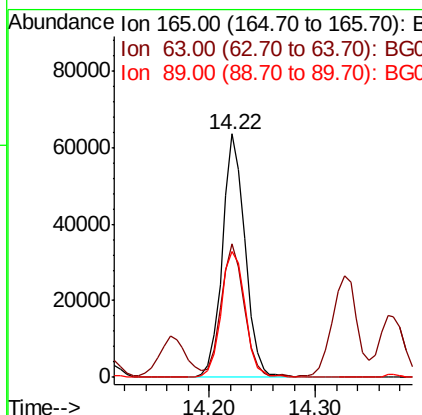
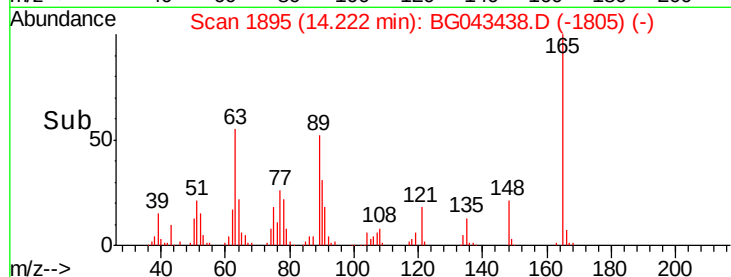
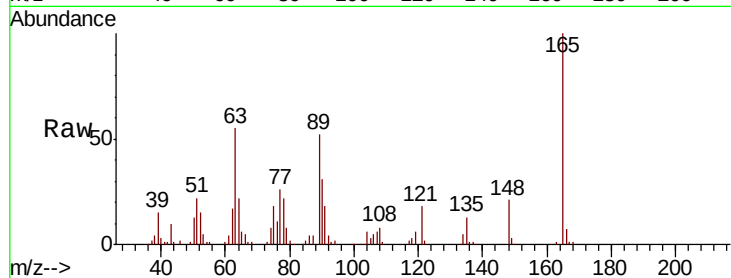




#51
 2,6-Dinitrotoluene
 Concen: 45.993 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

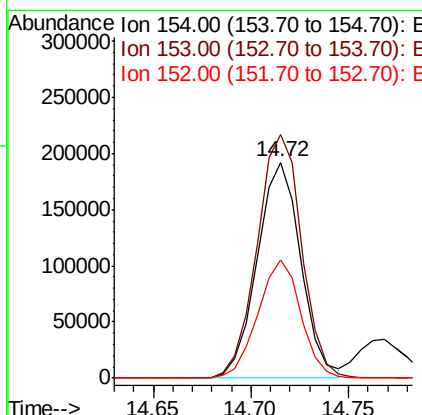
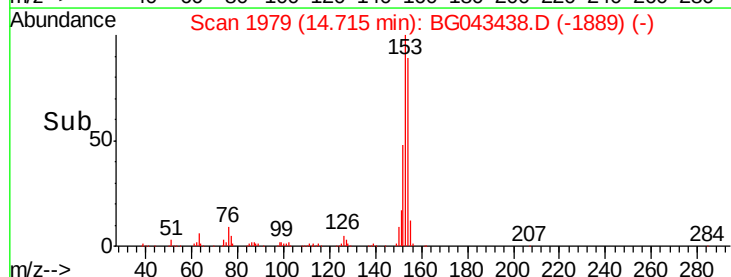
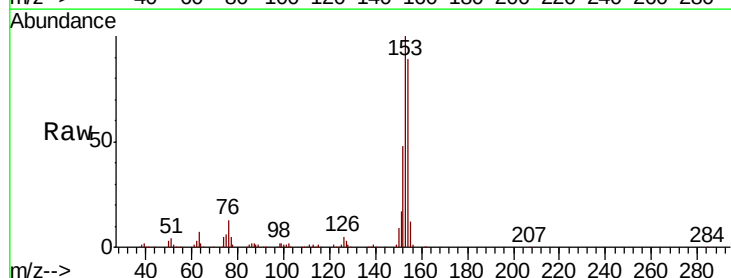
Instrument :
 BNA_G
 ClientSampleId :

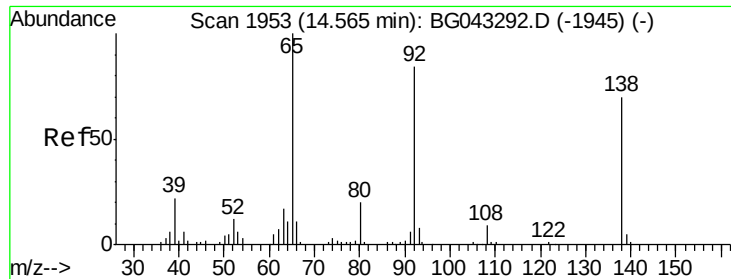
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	47.1	70.7
89	51.7	43.7	65.5



#52
 Acenaphthene
 Concen: 44.354 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.9	136.3
152	54.5	43.9	65.9





#53

3-Nitroaniline

Concen: 25.291 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

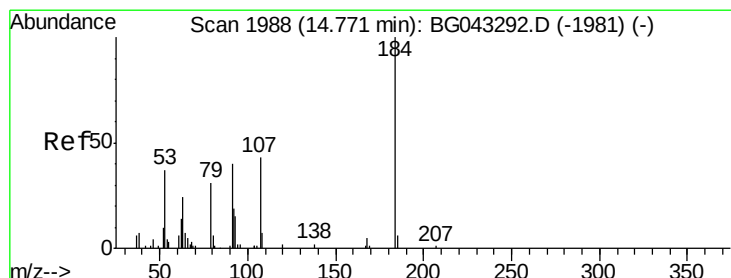
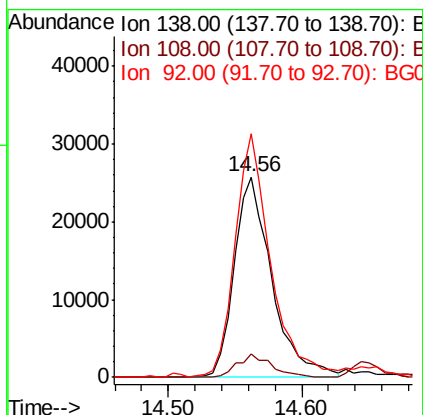
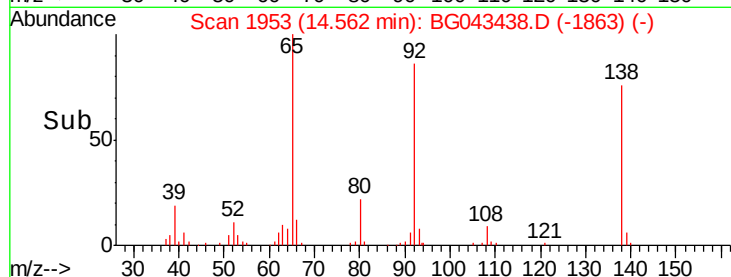
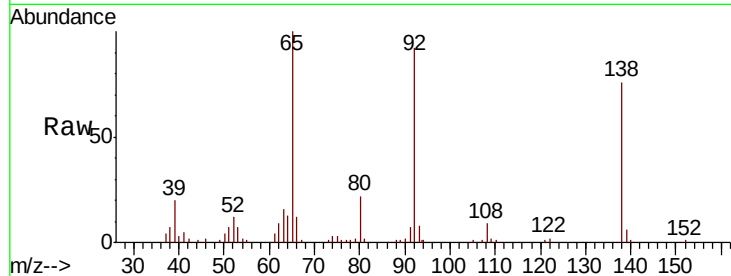
Tot Ion:138 Resp: 50192

Ion Ratio Lower Upper

138 100

108 11.7 9.8 14.6

92 121.3 95.8 143.6



#54

2,4-Dinitrophenol

Concen: 78.749 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

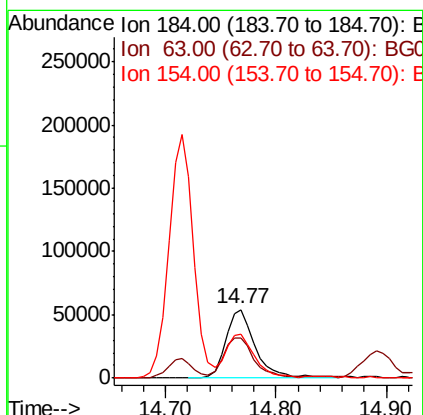
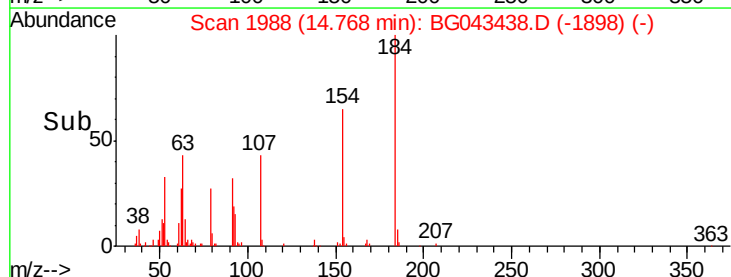
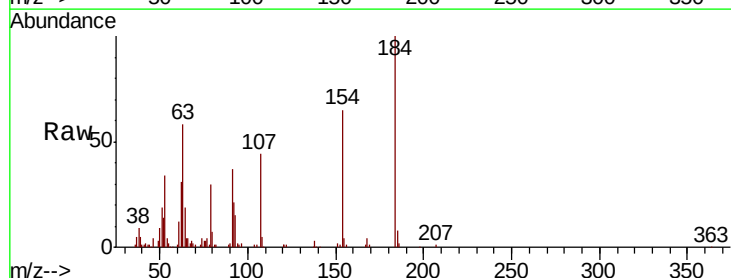
Tgt Ion:184 Resp: 100920

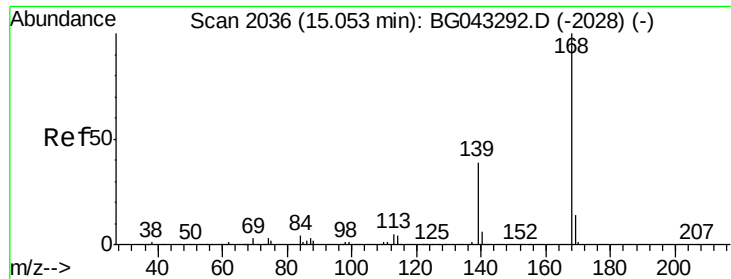
Ion Ratio Lower Upper

184 100

63 58.1 48.8 73.2

154 64.5 49.4 74.0

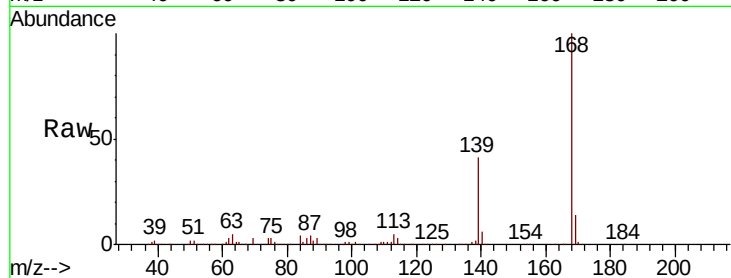




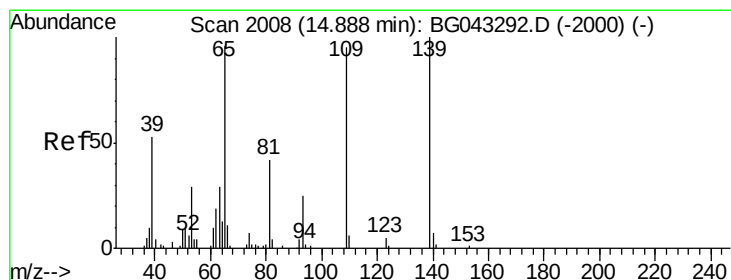
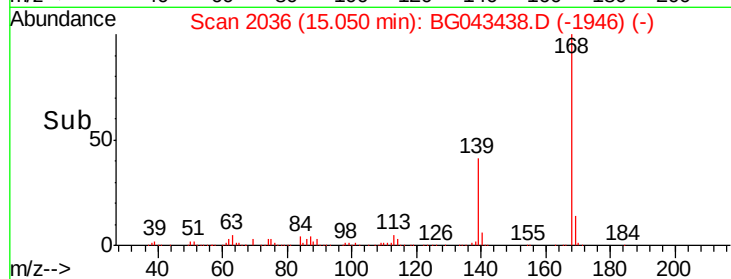
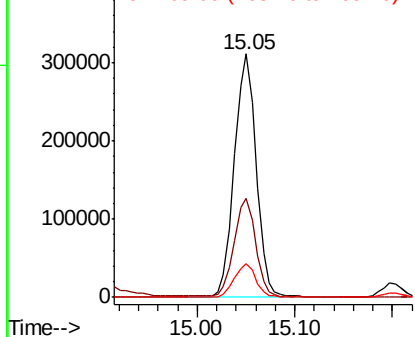
#55
Dibenzenofuran
Concen: 44.631 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 485713
Ion Ratio Lower Upper
168 100
139 40.9 31.7 47.5
169 13.7 11.0 16.4

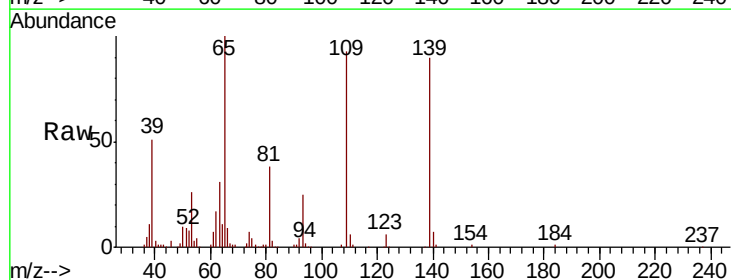


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

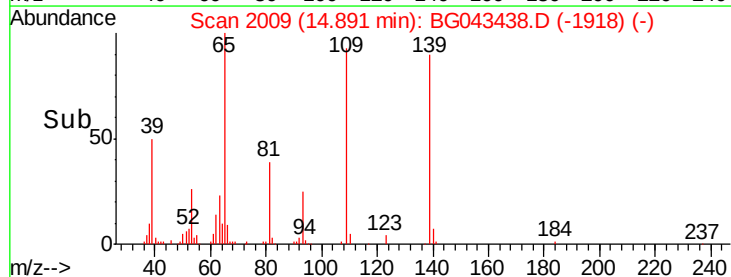
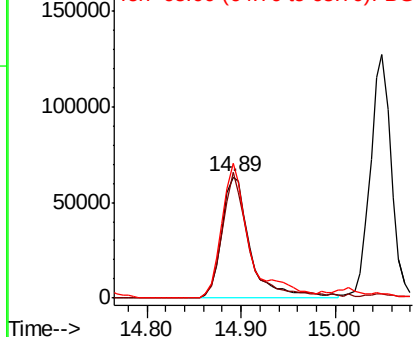


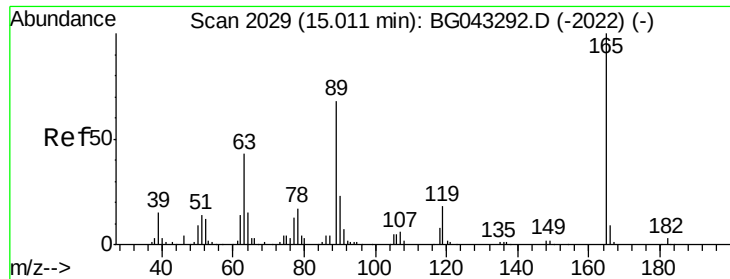
#56
4-Nitrophenol
Concen: 101.346 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:139 Resp: 134783
Ion Ratio Lower Upper
139 100
109 103.6 75.4 115.4
65 111.5 76.6 116.6



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

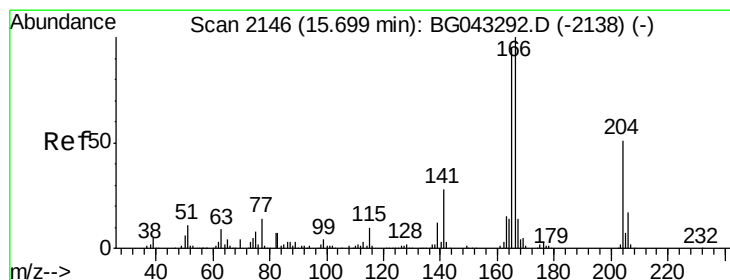
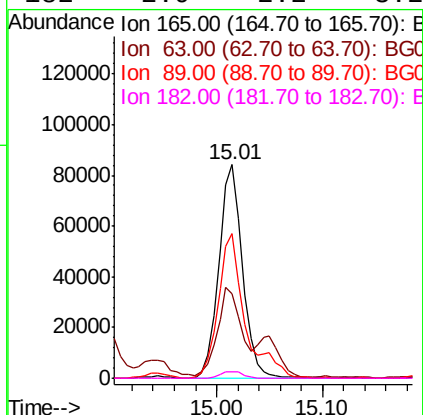
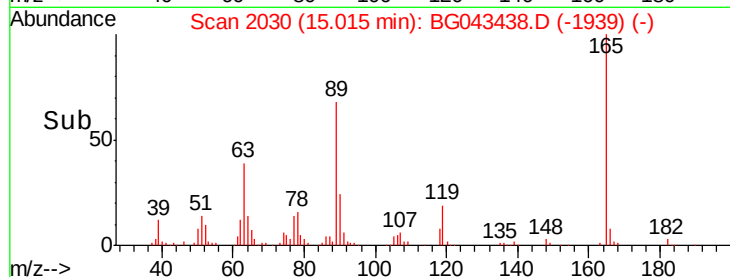
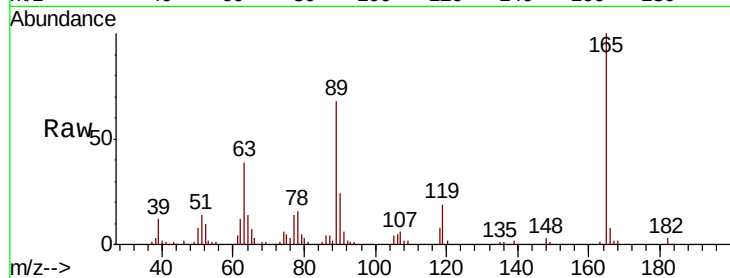




#57
2,4-Dinitrotoluene
Concen: 44.860 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

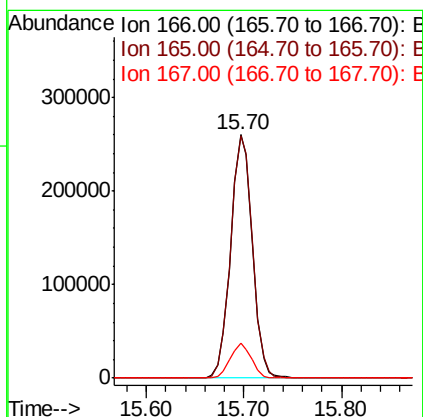
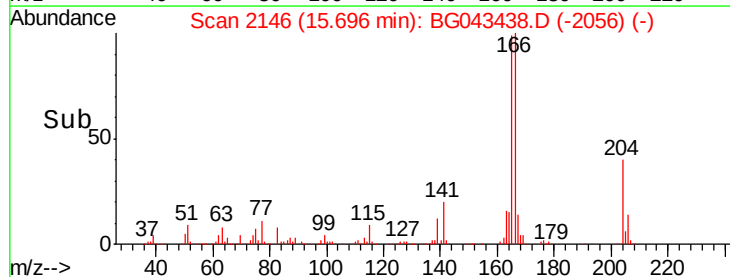
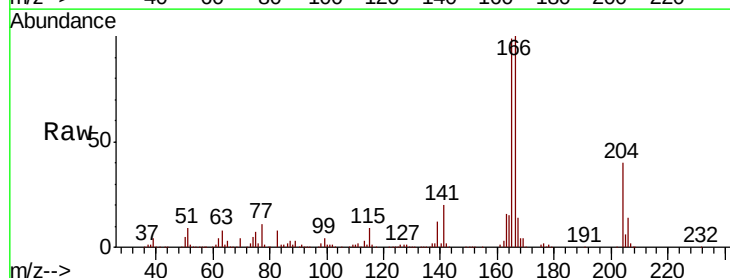
Instrument :
BNA_G
ClientSampleId :

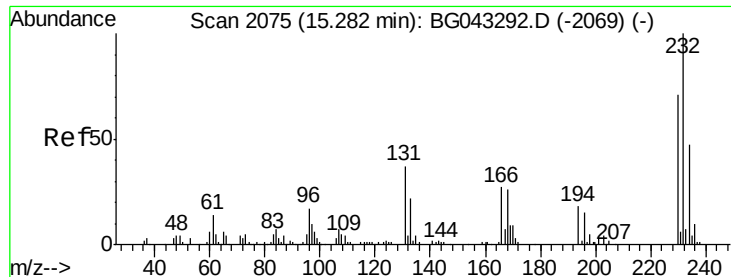
Tot Ion:165 Resp: 131781
Ion Ratio Lower Upper
165 100
63 39.5 35.0 52.6
89 67.8 54.1 81.1
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.854 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:166 Resp: 400277
Ion Ratio Lower Upper
166 100
165 99.4 76.4 114.6
167 14.1 11.1 16.7

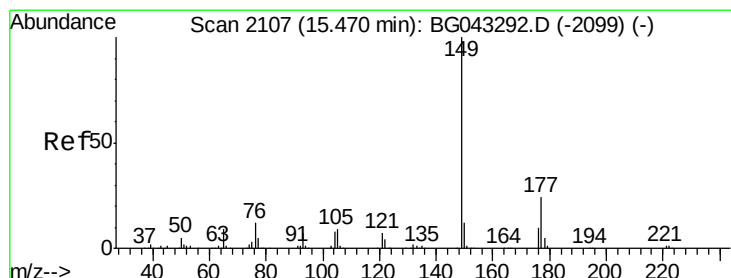
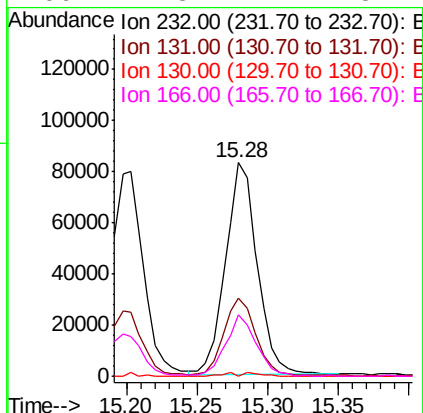
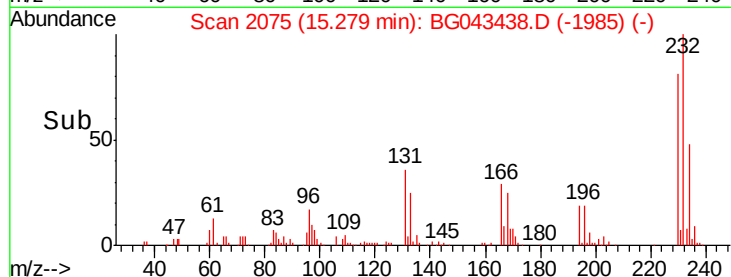
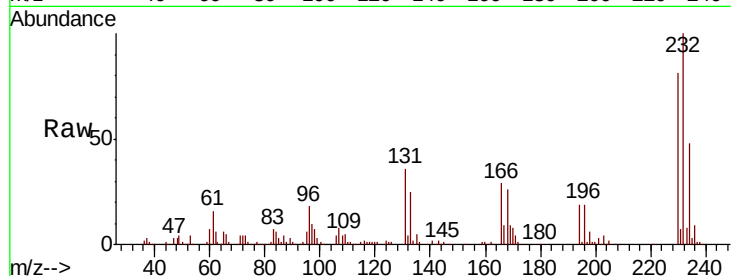




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.510 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

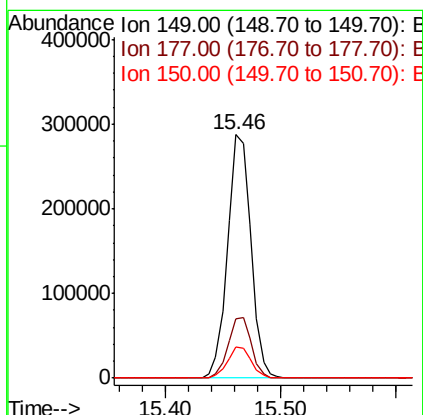
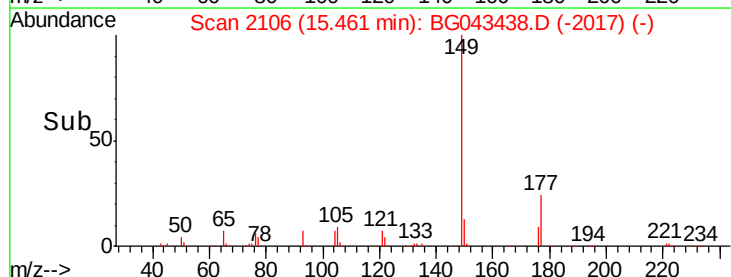
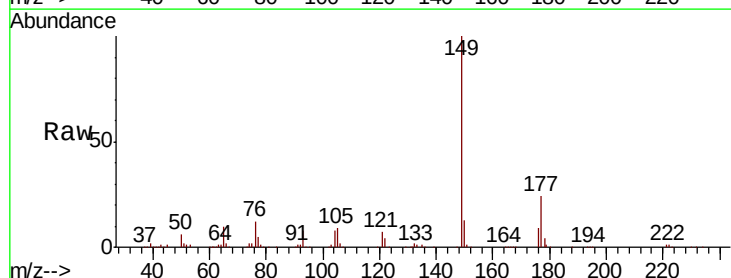
Instrument :
BNA_G
ClientSampleId :

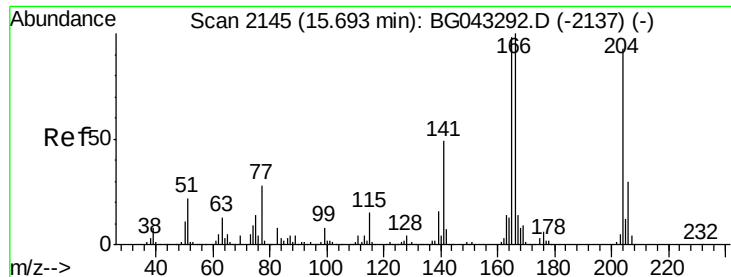
Tot Ion:	232	Resp:	130142
Ion	Ratio	Lower	Upper
232	100		
131	38.1	28.7	43.1
130	0.6	0.6	0.8
166	27.3	21.1	31.7



#60
Diethylphthalate
Concen: 42.401 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:	149	Resp:	403107
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.0	28.4
150	13.0	9.4	14.0

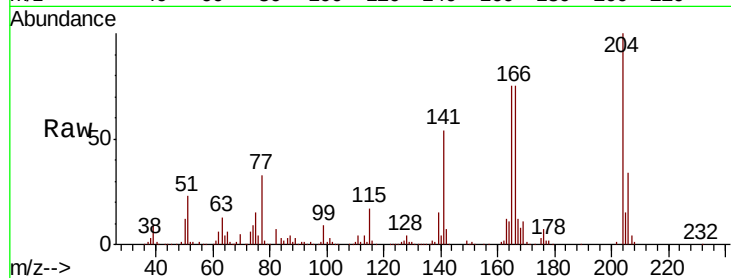




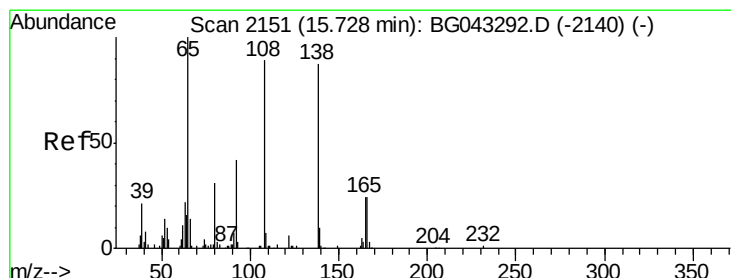
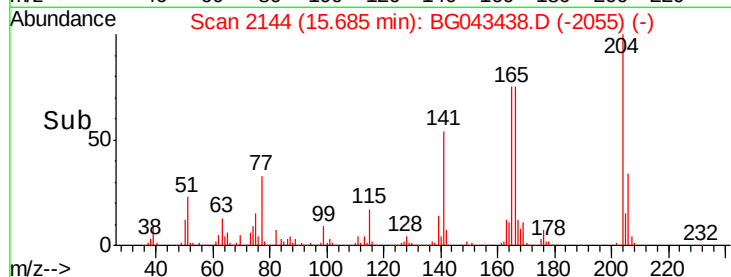
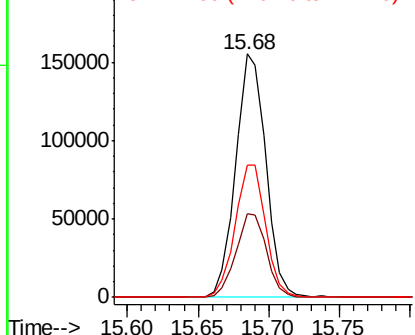
#61
4-Chlorophenyl-phenylether
Concen: 43.498 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 231616
Ion Ratio Lower Upper
204 100
206 34.1 25.7 38.5
141 54.4 42.3 63.5

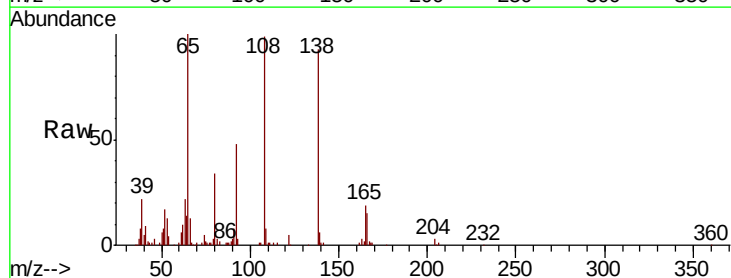


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

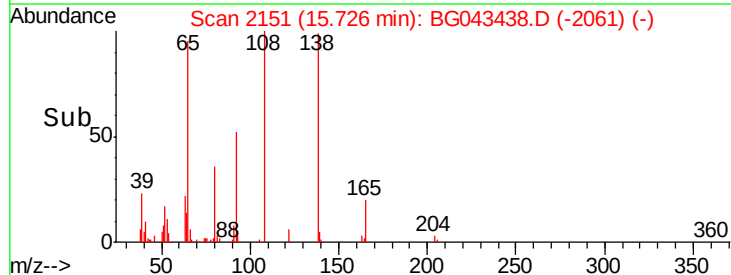
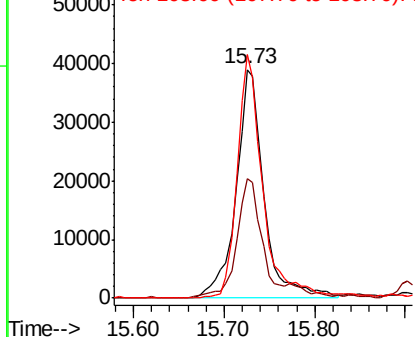


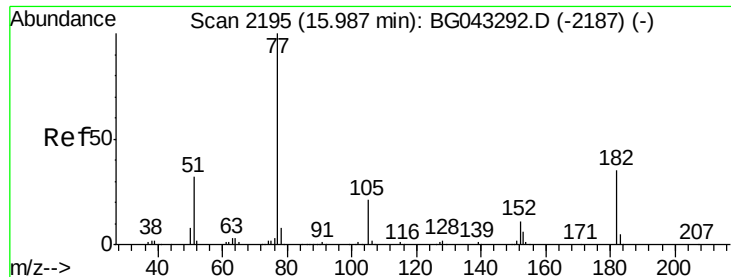
#62
4-Nitroaniline
Concen: 40.621 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:138 Resp: 83256
Ion Ratio Lower Upper
138 100
92 52.3 28.8 68.8
108 106.4 82.7 122.7



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





#63

Azobenzene

Concen: 44.555 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

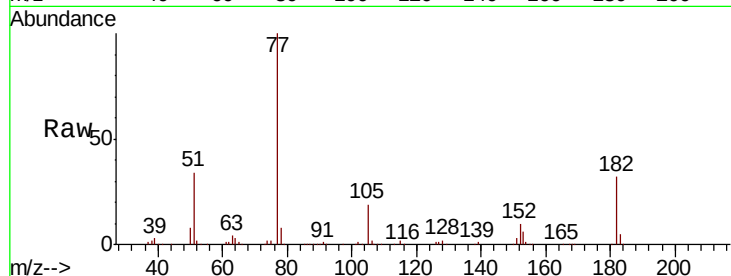
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 342814

Ion	Ratio	Lower	Upper
77	100		
182	31.6	14.9	54.9
105	19.5	0.6	40.6
51	34.4	12.5	52.5

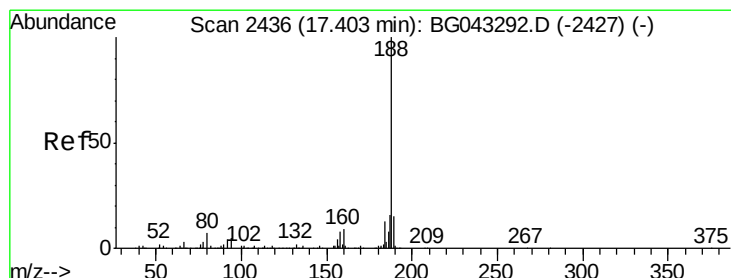
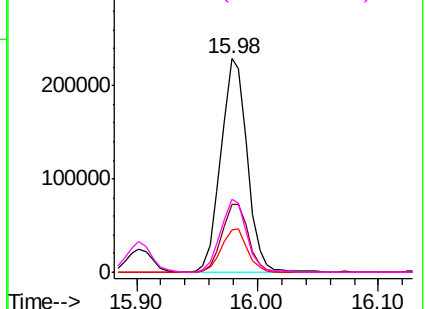
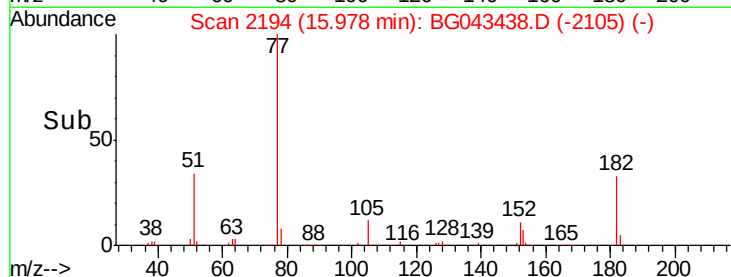


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

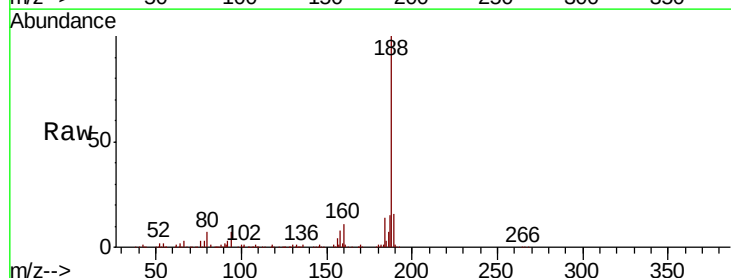
Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Tgt Ion: 188 Resp: 276810

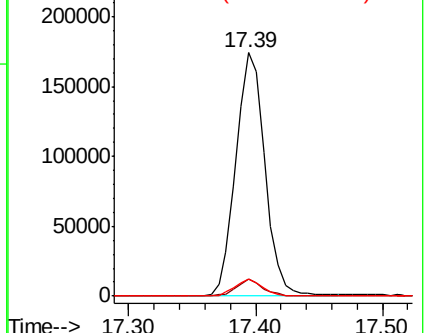
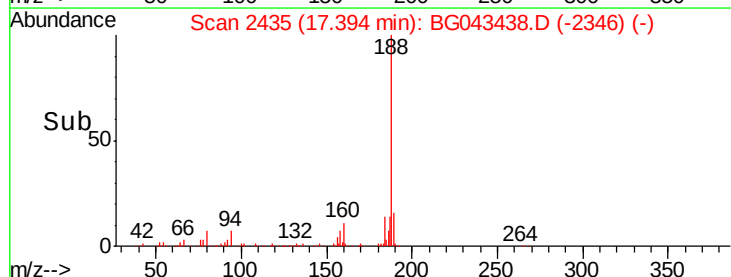
Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.2	6.2#
80	7.0	5.2	7.8

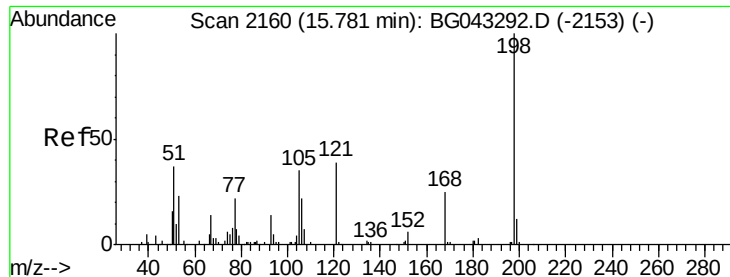


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.857 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

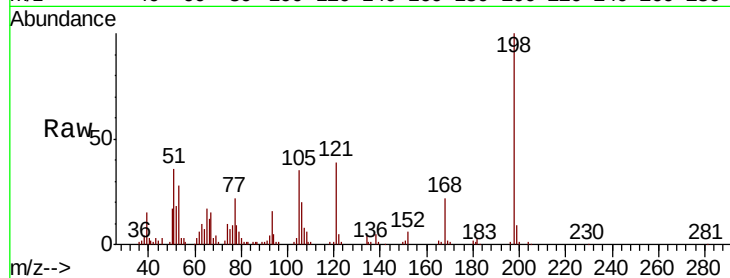
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 77961

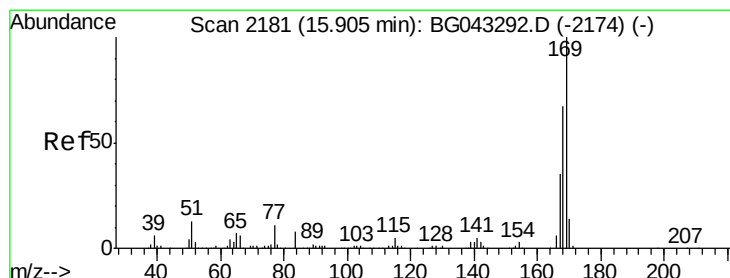
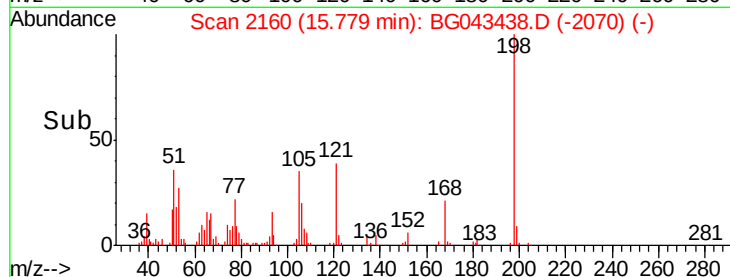
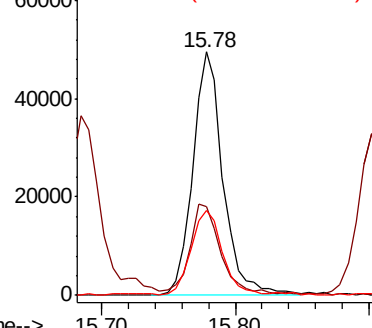
Ion	Ratio	Lower	Upper
198	100		
51	36.3	21.4	61.4
105	35.0	16.5	56.5



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: 46.596 ng

RT: 15.90 min Scan# 2181

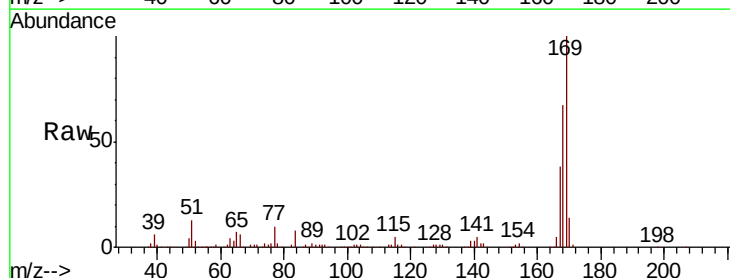
Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Tgt Ion:169 Resp: 364148

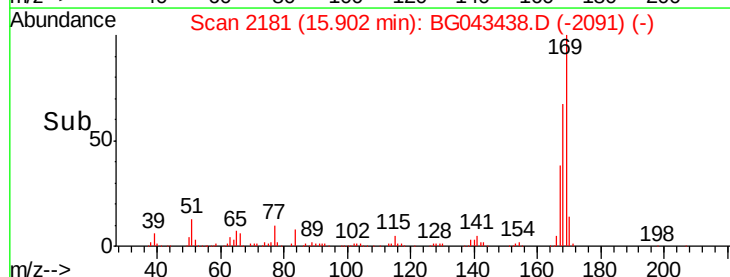
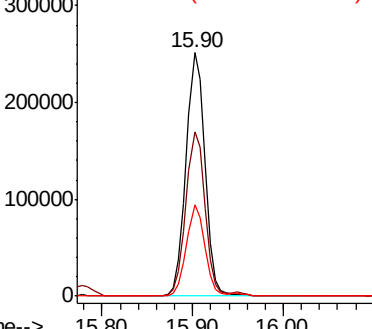
Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.9	80.9
167	37.7	28.3	42.5

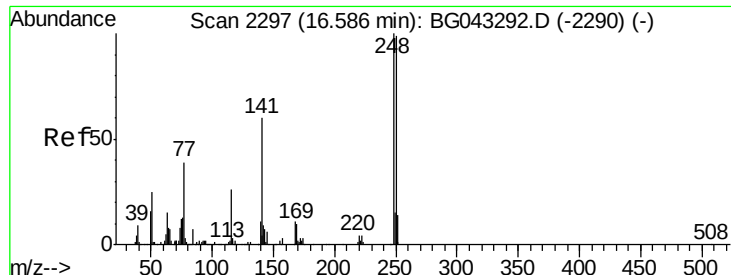


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

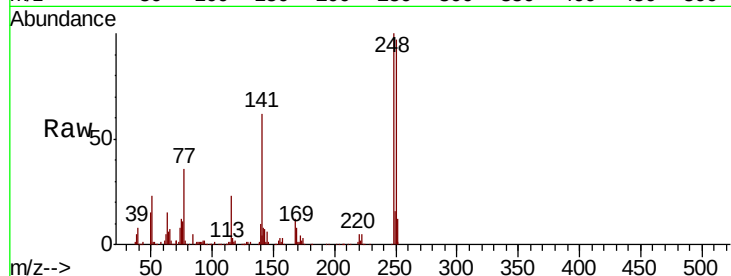




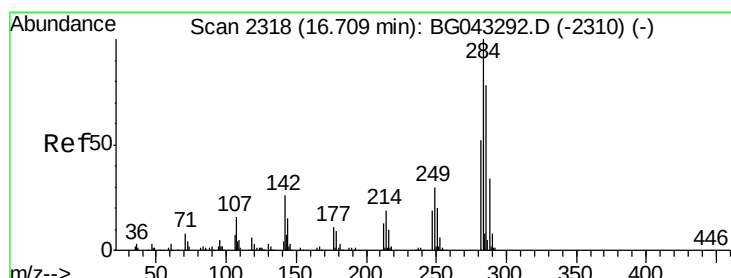
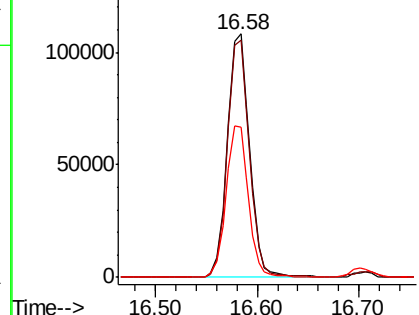
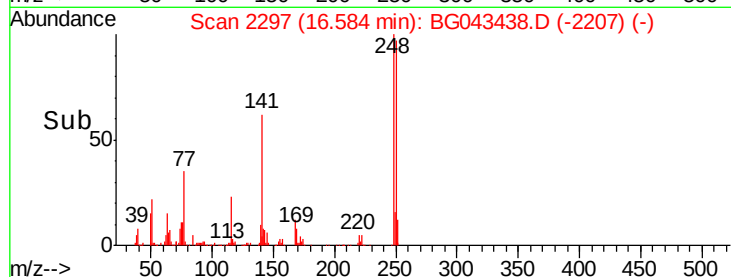
#67
4-Bromophenyl-phenylether
Concen: 44.207 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.3	118.9
141	61.8	47.9	71.9

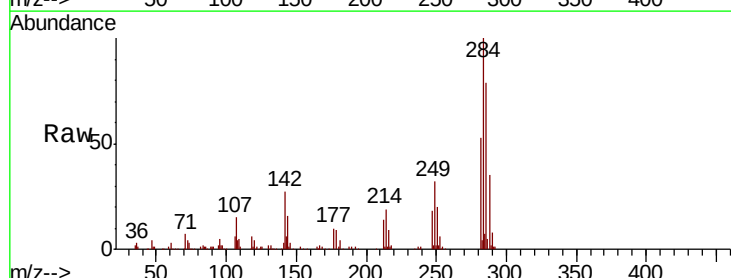


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

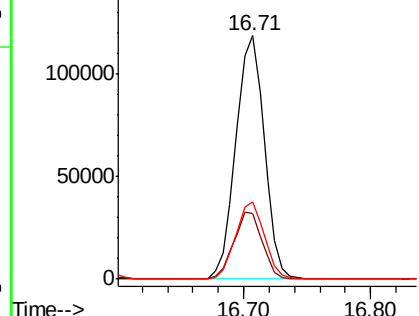
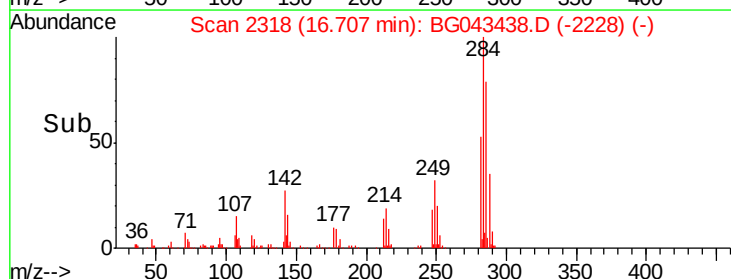


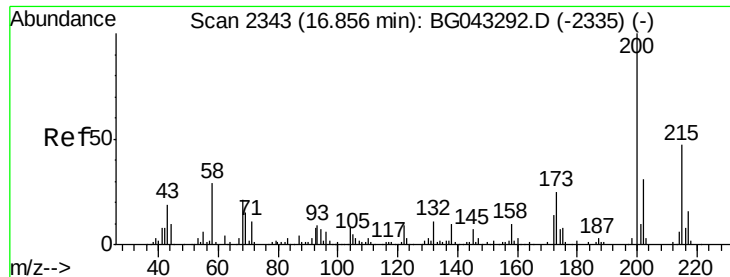
#68
Hexachlorobenzene
Concen: 43.026 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.1	31.7
249	31.8	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 56.174 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampled :

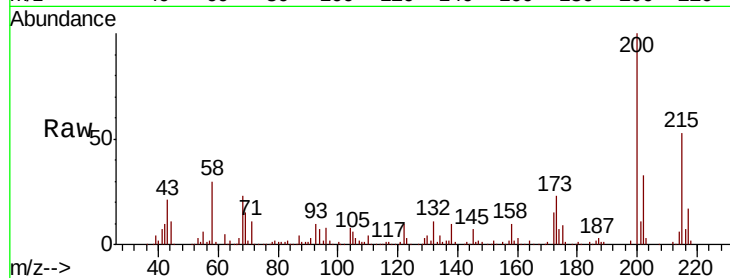
Tot Ion:200 Resp: 152544

Ion Ratio Lower Upper

200 100

173 23.5 5.1 45.1

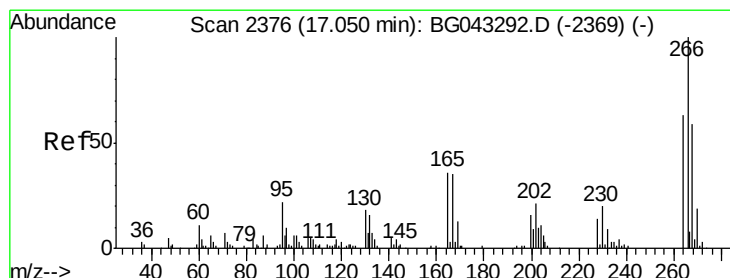
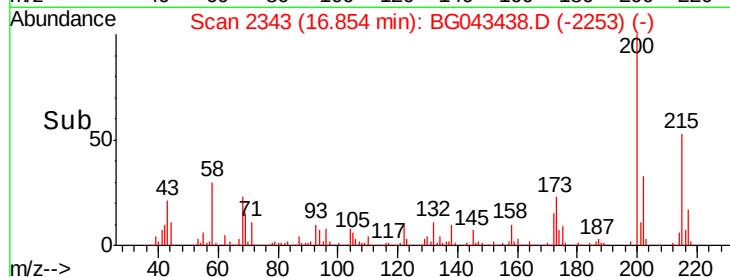
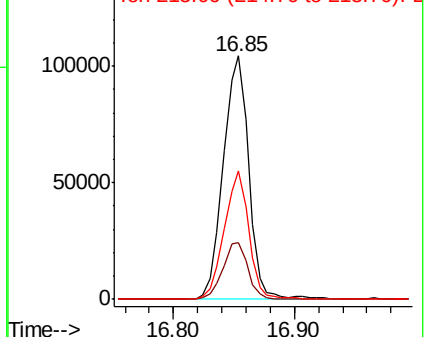
215 52.8 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 104.778 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

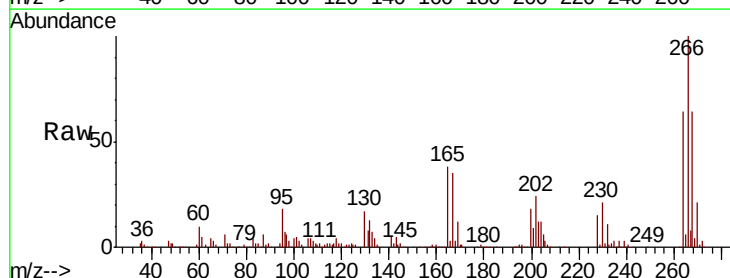
Tgt Ion:266 Resp: 204156

Ion Ratio Lower Upper

266 100

268 63.7 47.1 70.7

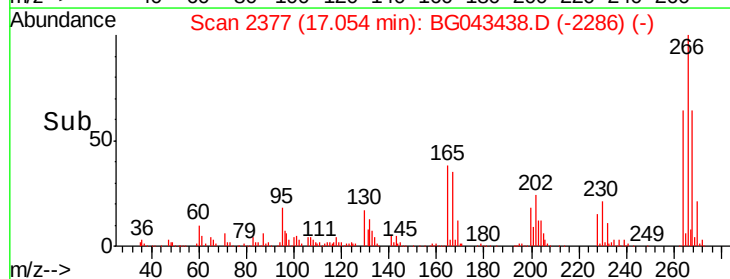
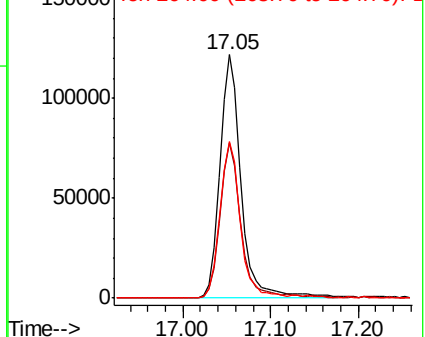
264 64.1 50.4 75.6

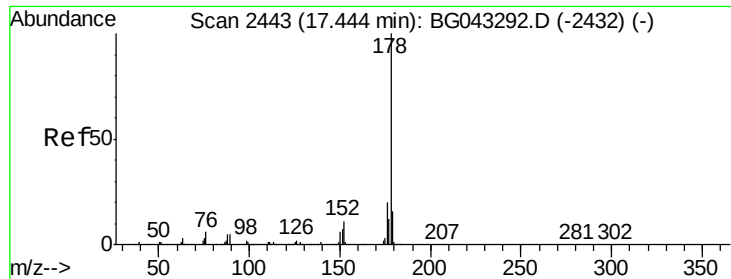


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

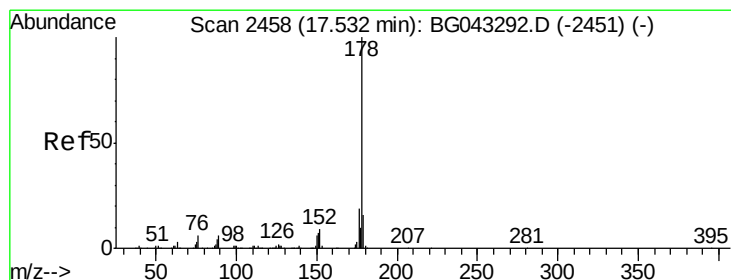
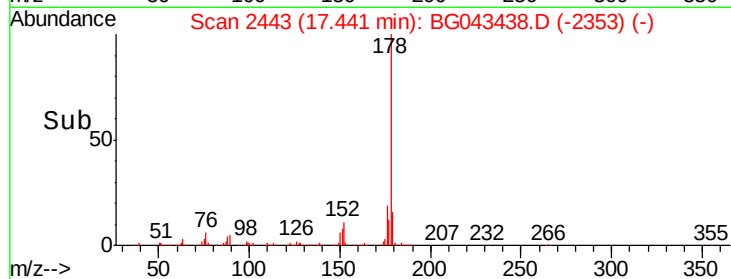
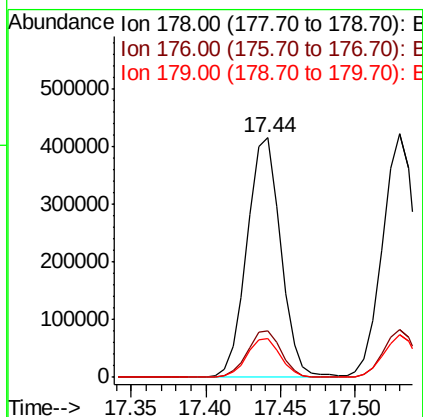
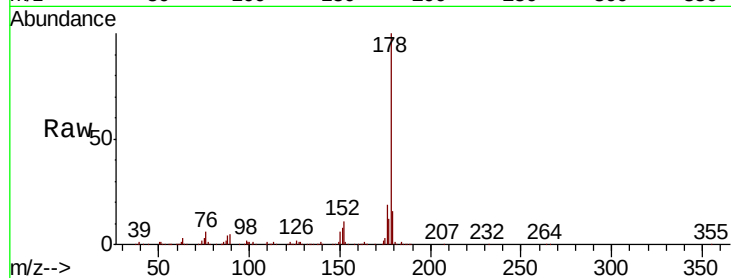




#71
Phenanthrene
Concen: 45.803 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

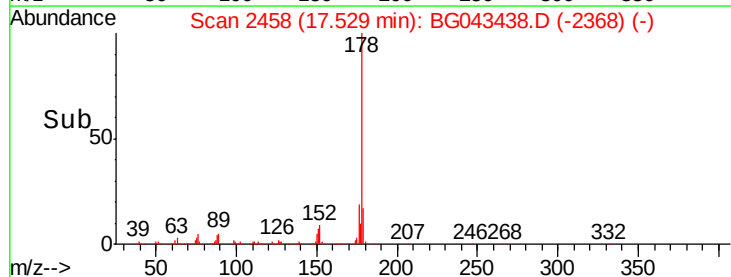
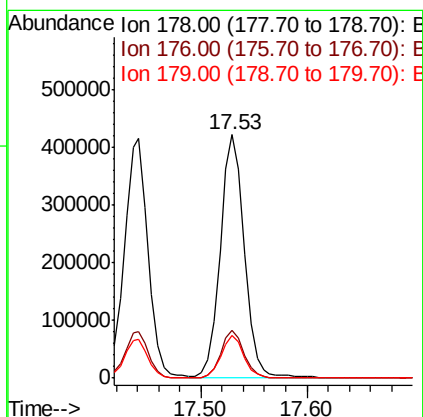
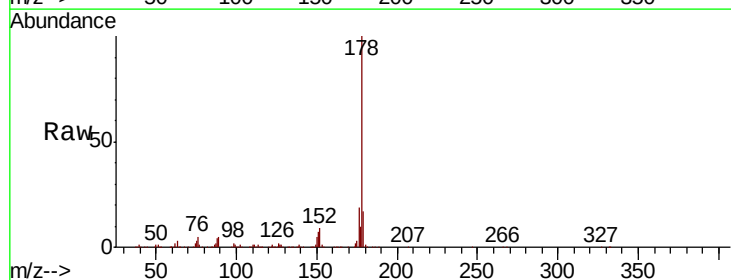
Instrument :
BNA_G
ClientSampled :

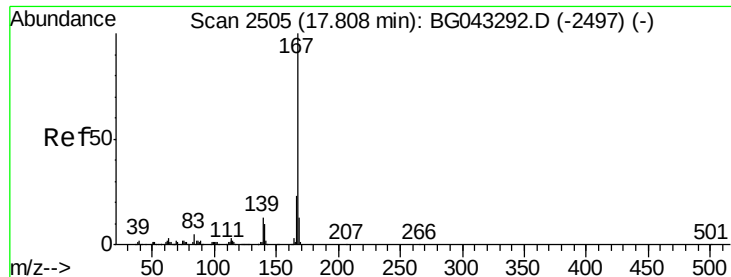
Tot Ion:178 Resp: 649250
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.1 13.1 19.7



#72
Anthracene
Concen: 46.760 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:178 Resp: 663152
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 17.4 13.0 19.6

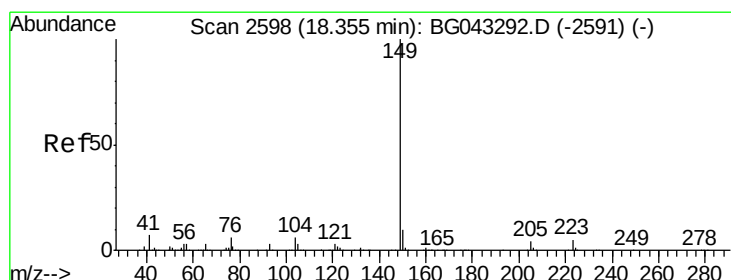
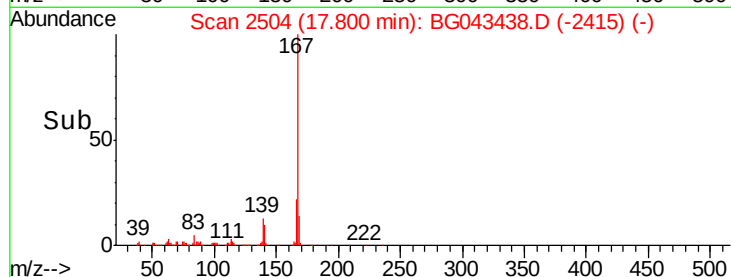
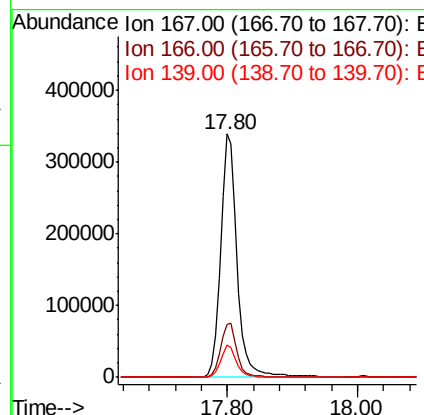
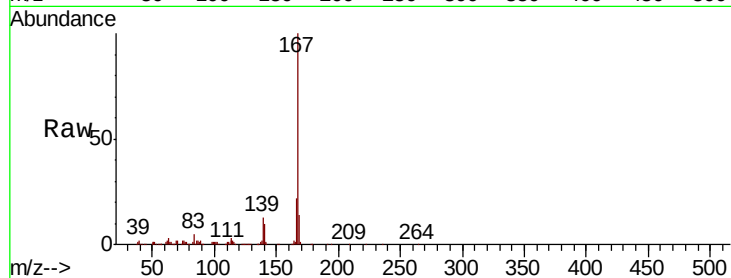




#73
 Carbazole
 Concen: 45.938 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

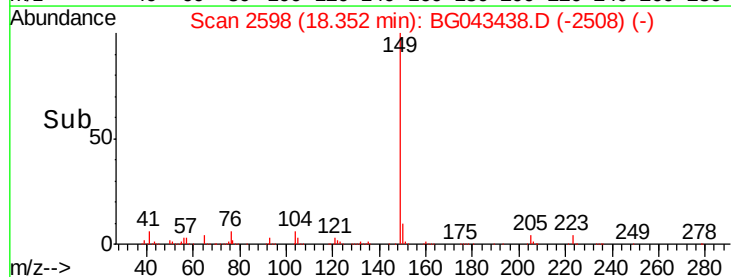
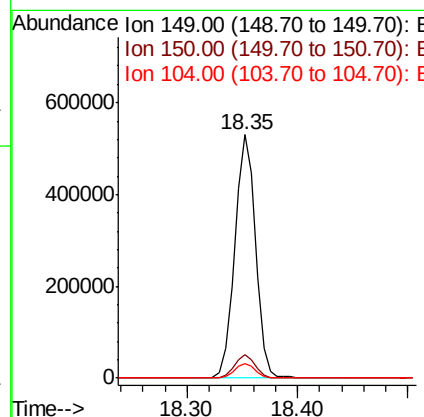
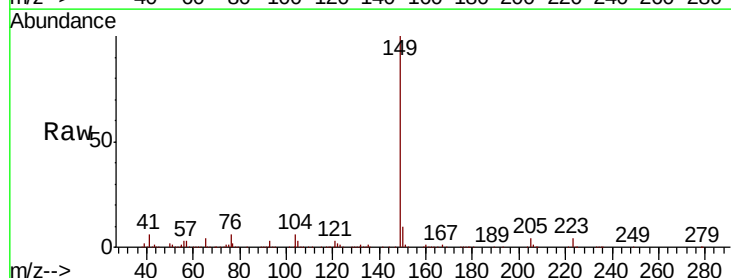
Instrument :
 BNA_G
 ClientSampleId :

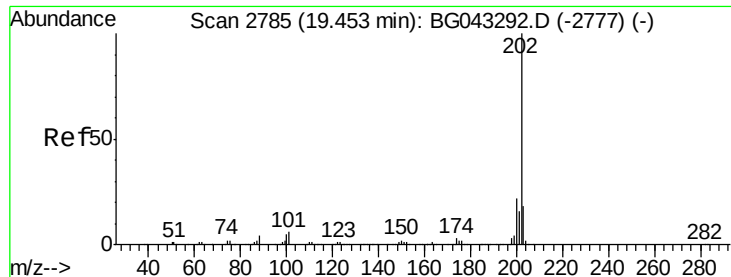
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.4	27.6
139	13.1	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 44.921 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 46.961 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043438.D

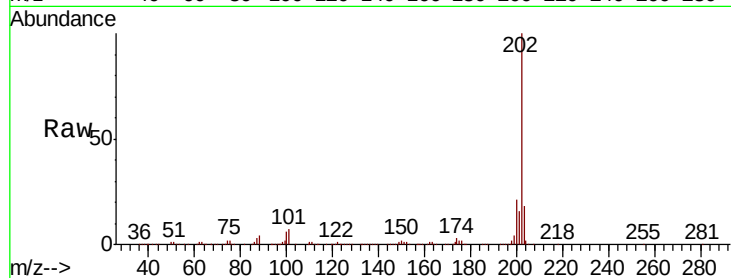
Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	867821
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	26.0
203	18.3	0.0	38.2

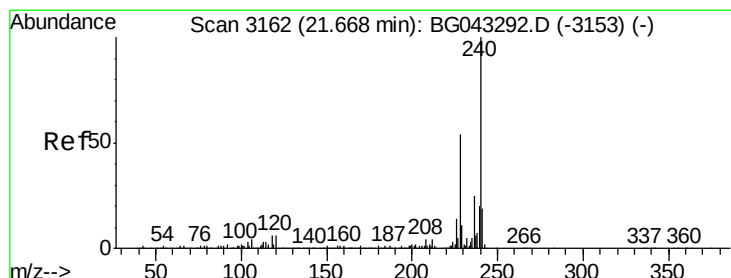
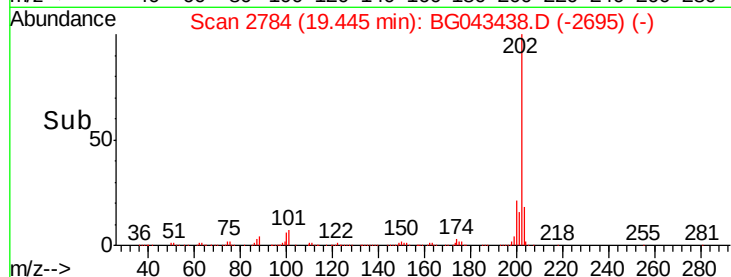
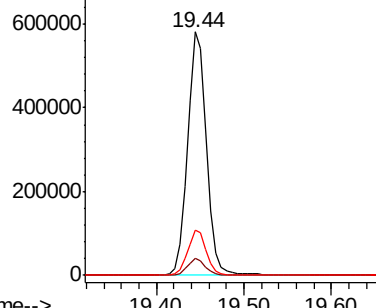


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

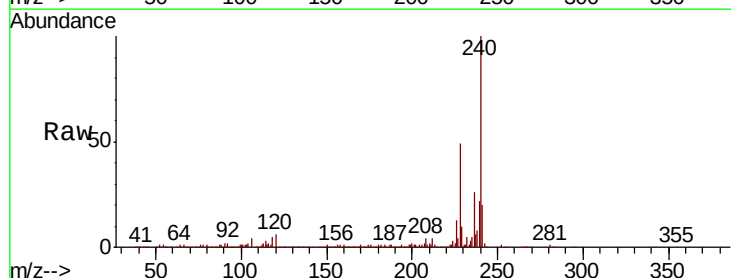
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Tgt Ion:	240	Resp:	303597
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	25.9	20.2	30.4

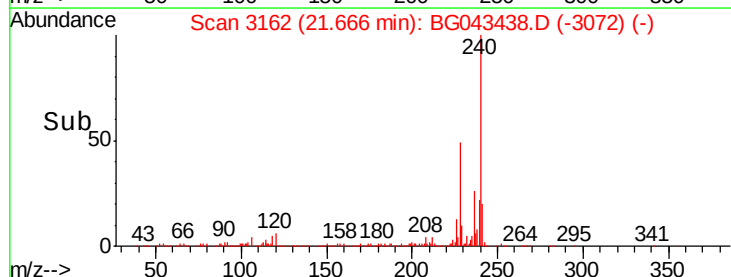
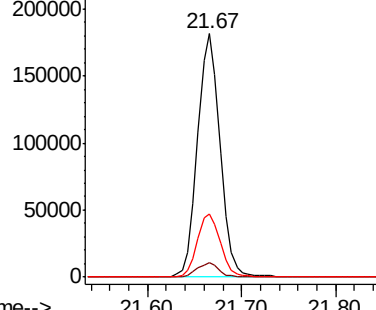


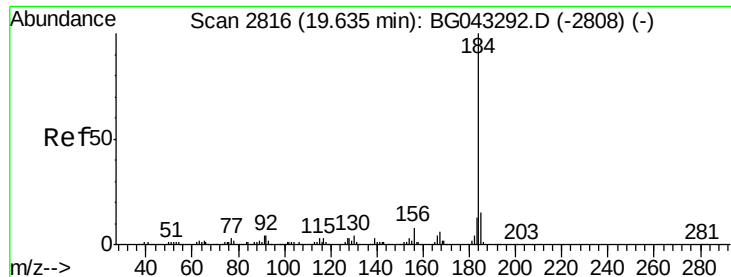
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.383 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampled :

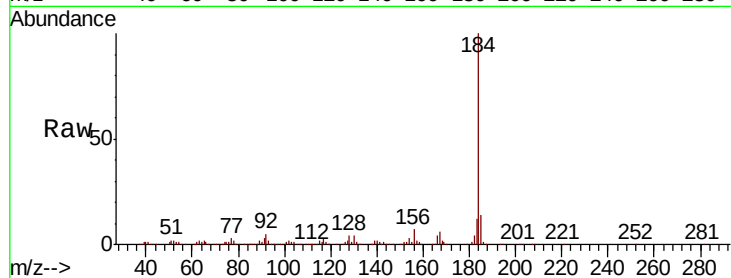
Tot Ion:184 Resp: 417822

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

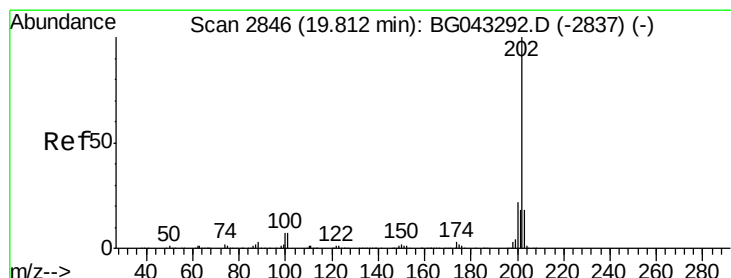
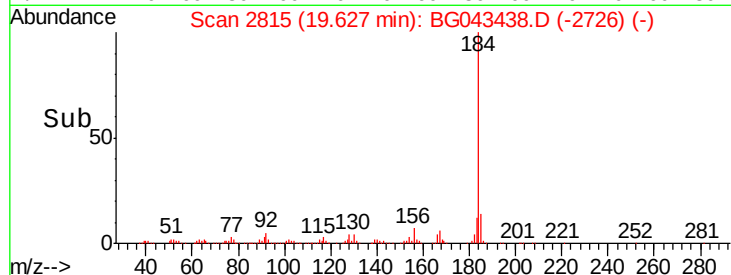
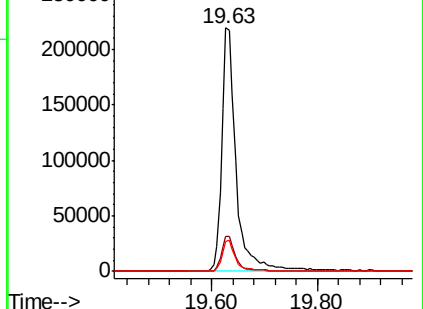
183 12.1 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.990 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

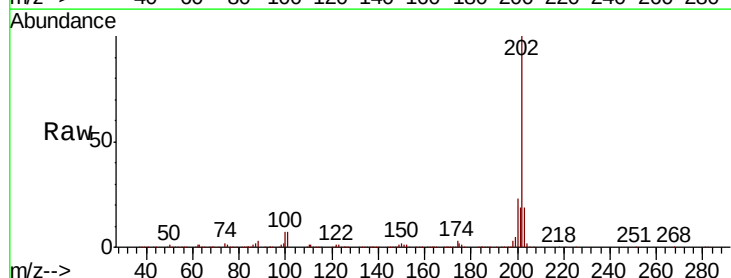
Tgt Ion:202 Resp: 864250

Ion Ratio Lower Upper

202 100

200 22.5 17.3 25.9

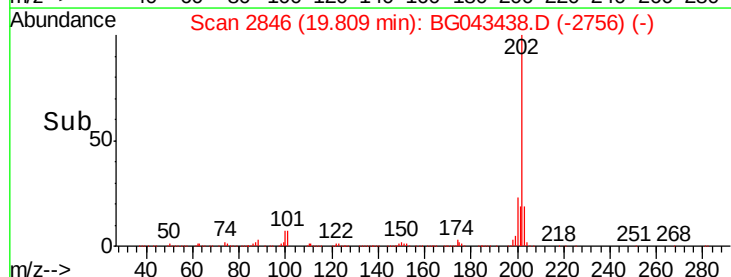
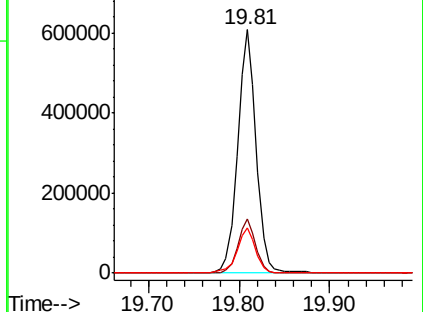
203 18.7 14.5 21.7

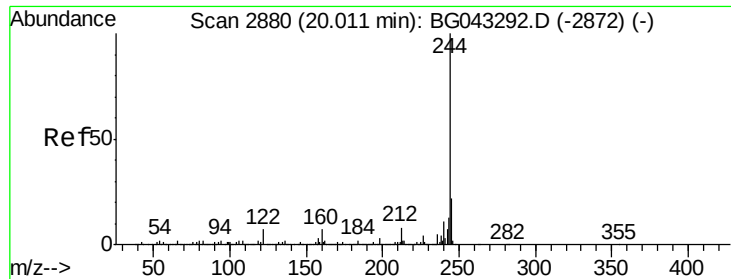


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.530 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampled :

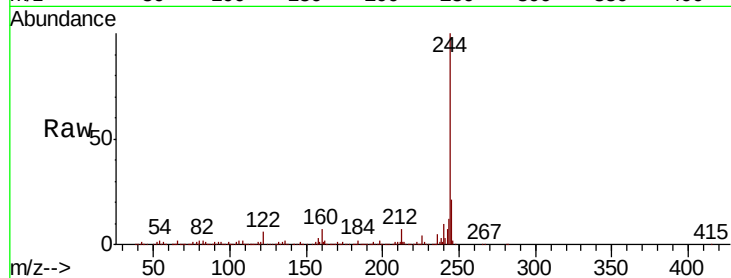
Tot Ion:244 Resp: 866263

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

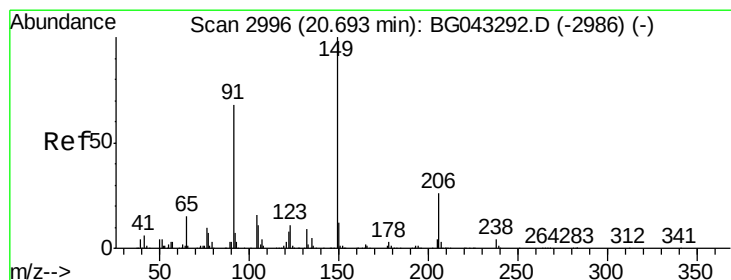
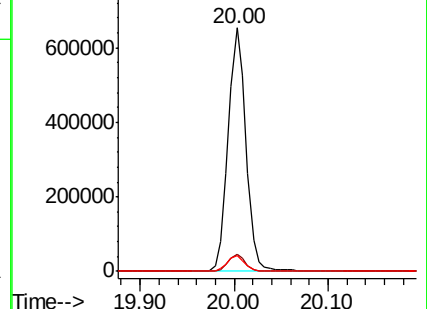
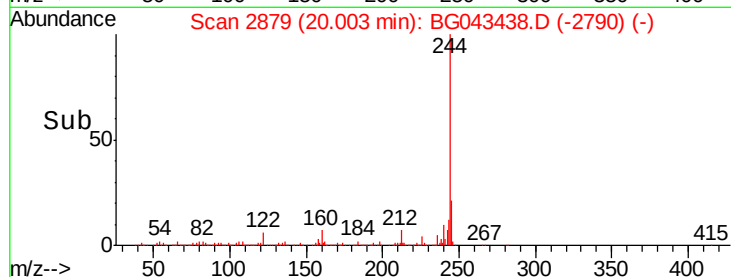
122 6.2 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.406 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

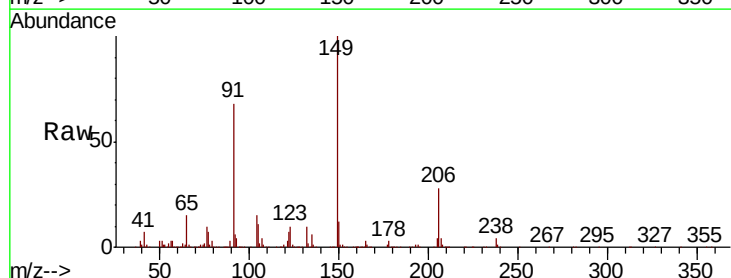
Tgt Ion:149 Resp: 316156

Ion Ratio Lower Upper

149 100

91 67.8 54.6 82.0

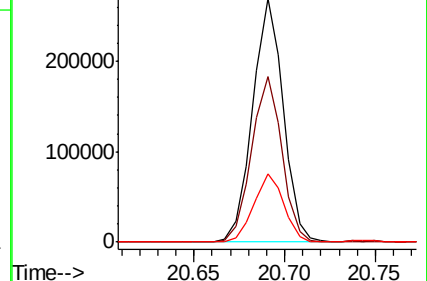
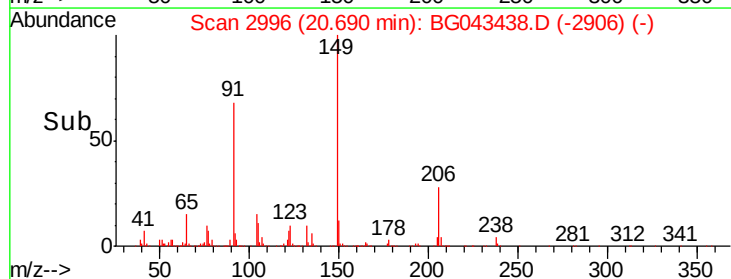
206 27.9 20.5 30.7

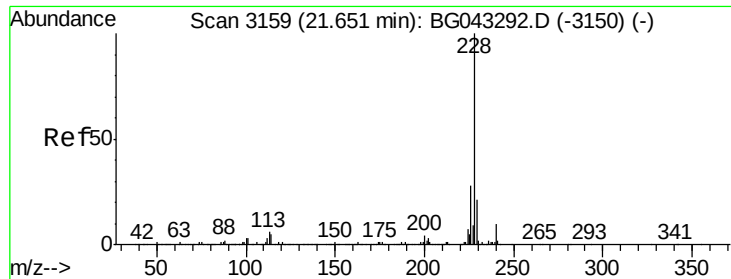


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

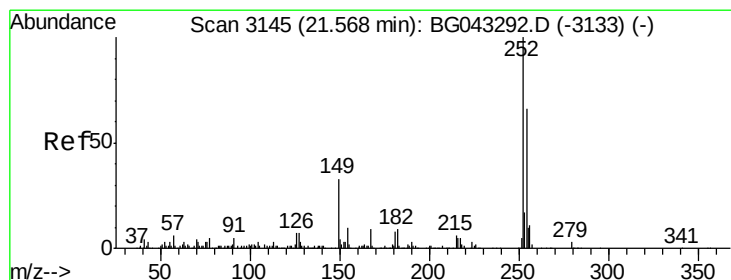
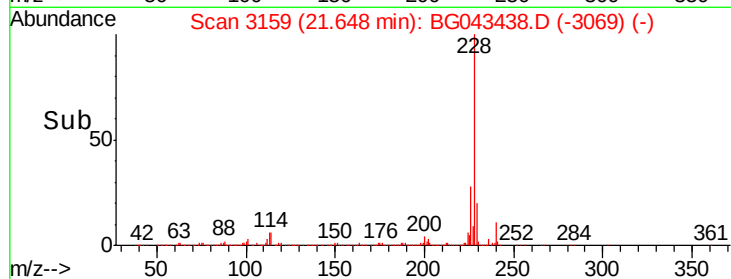
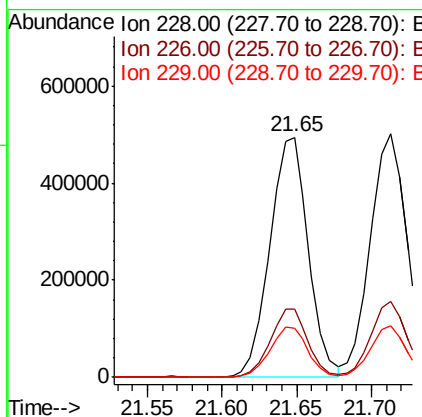
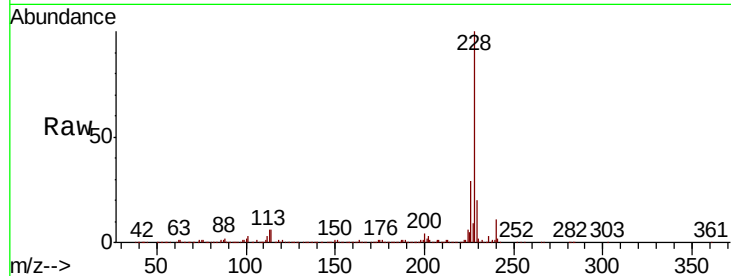




#81
Benzo(a)anthracene
Concen: 46.464 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

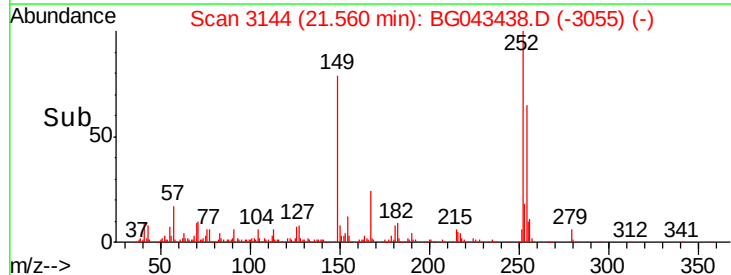
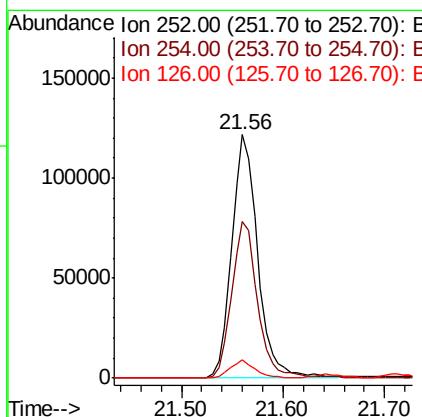
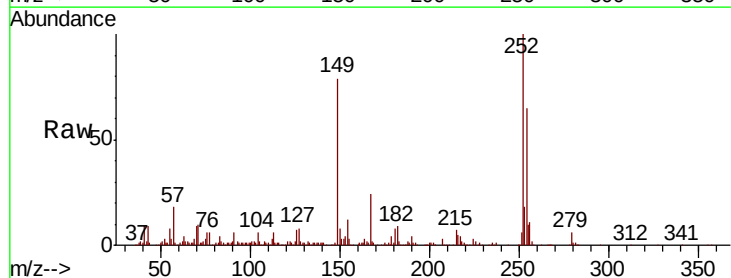
Instrument :
BNA_G
ClientSampleId :

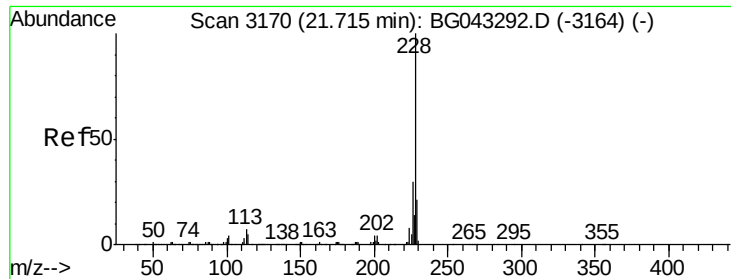
Tot Ion:228 Resp: 883604
Ion Ratio Lower Upper
228 100
226 28.5 22.2 33.4
229 20.2 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 29.434 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:252 Resp: 216499
Ion Ratio Lower Upper
252 100
254 64.5 52.7 79.1
126 7.3 5.6 8.4

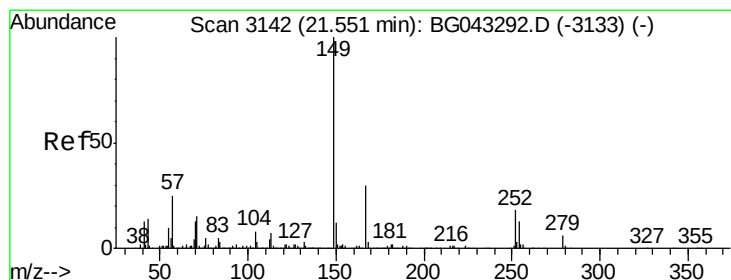
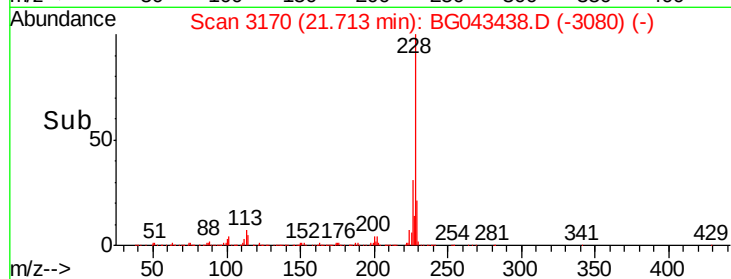
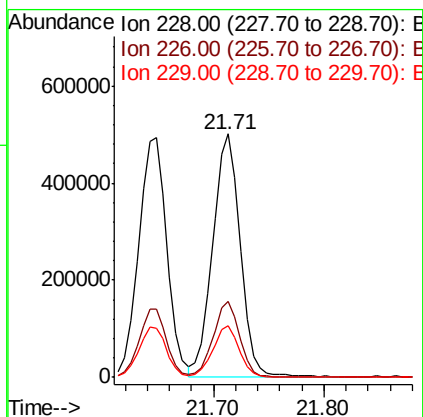
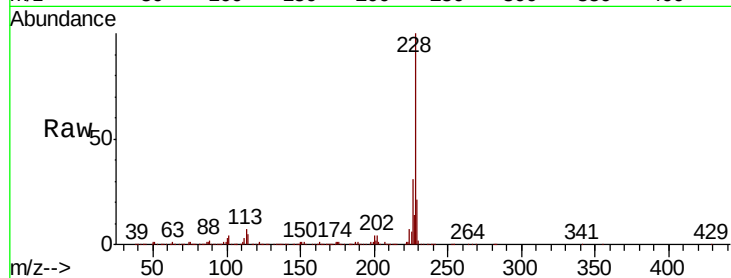




#83
 Chrysene
 Concen: 45.429 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

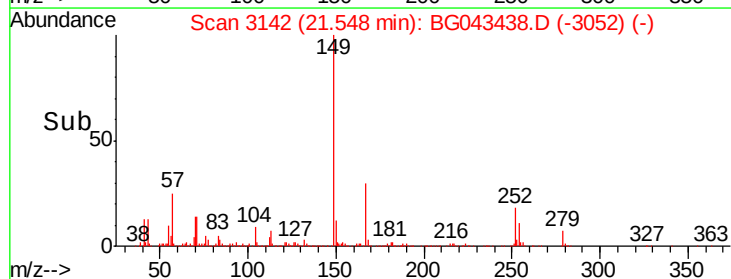
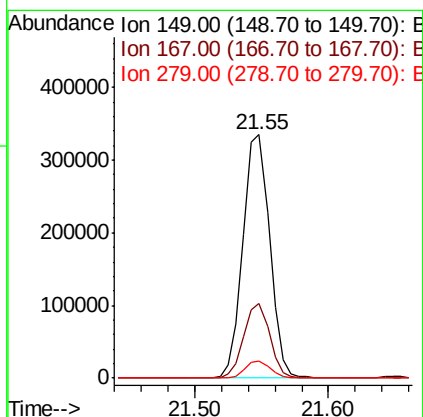
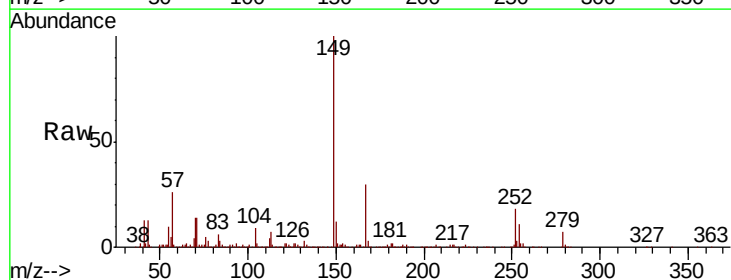
Instrument :
 BNA_G
 ClientSampleId :

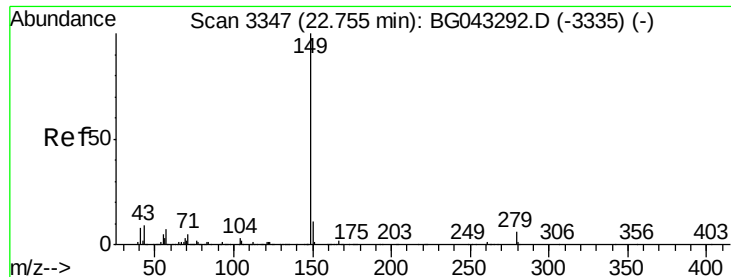
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.8	35.8
229	21.3	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.906 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.9	35.9
279	7.0	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 46.695 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043438.D

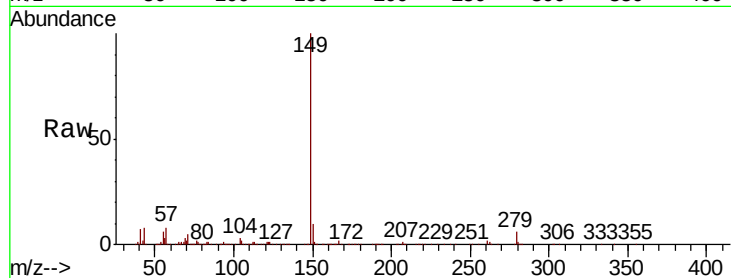
Acq: 31 Oct 2019 17:45

Instrument :

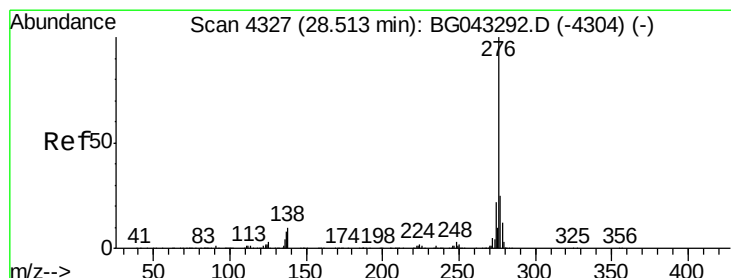
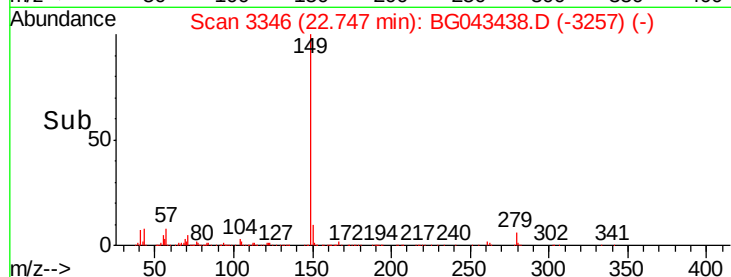
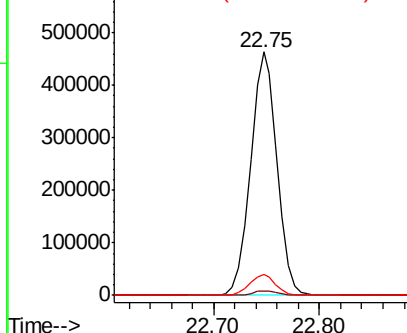
BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	801215
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.3	6.9	10.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.689 ng

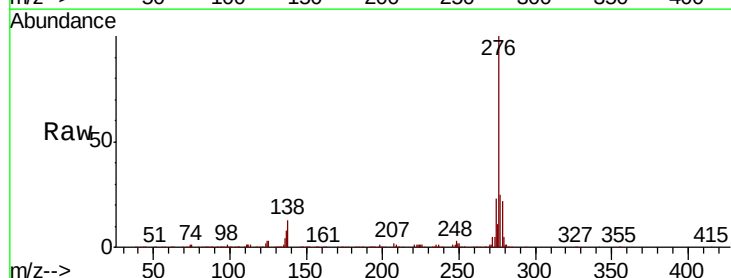
RT: 28.52 min Scan# 4328

Delta R.T. 0.00 min

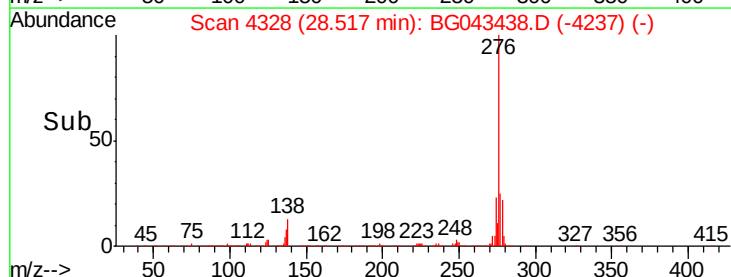
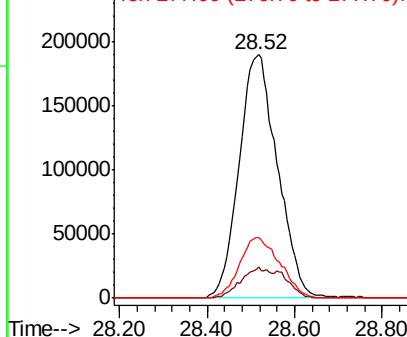
Lab File: BG043438.D

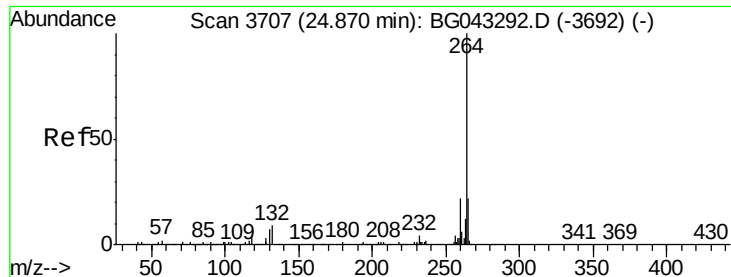
Acq: 31 Oct 2019 17:45

Tgt Ion:	276	Resp:	1131089
Ion	Ratio	Lower	Upper
276	100		
138	9.4	7.2	10.8
277	26.3	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: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

Instrument :

BNA_G

ClientSampleId :

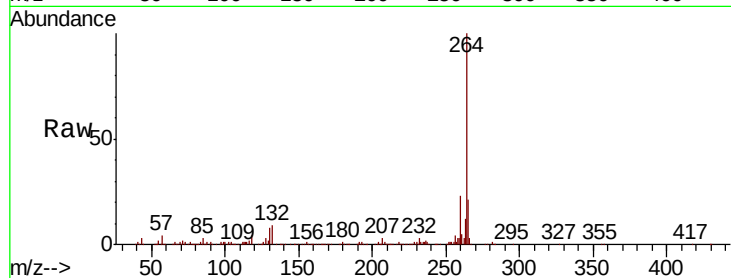
Tot Ion:264 Resp: 362346

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.0	17.4	26.2

264 100

260 23.1 17.9 26.9

265 21.0 17.4 26.2

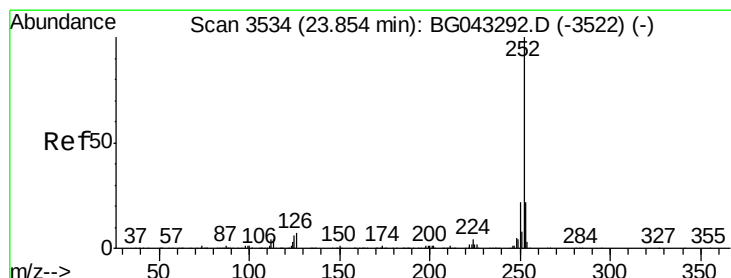
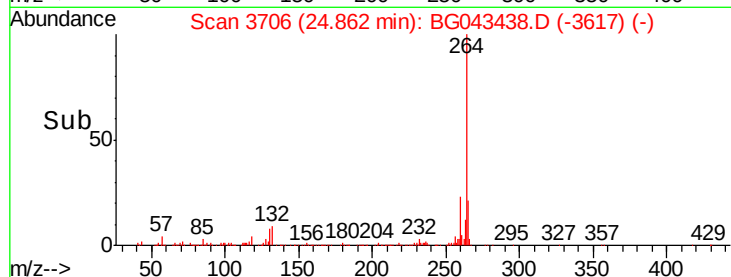
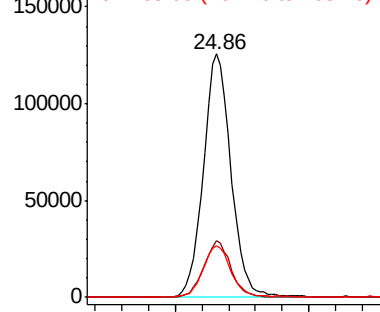


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.574 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG043438.D

Acq: 31 Oct 2019 17:45

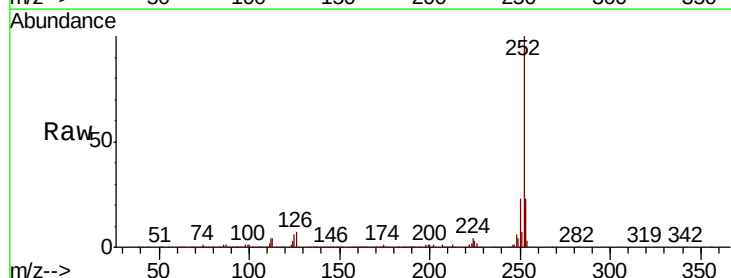
Tgt Ion:252 Resp: 935282

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	5.8	5.0	7.6

252 100

253 22.8 17.4 26.2

125 5.8 5.0 7.6

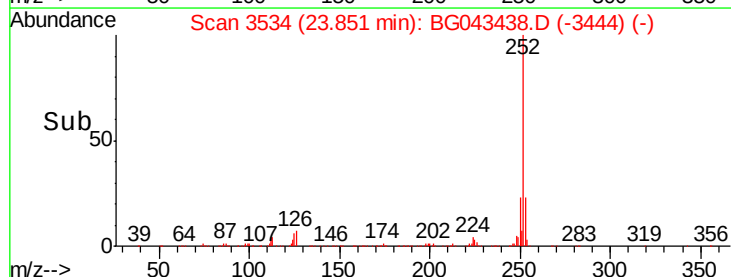
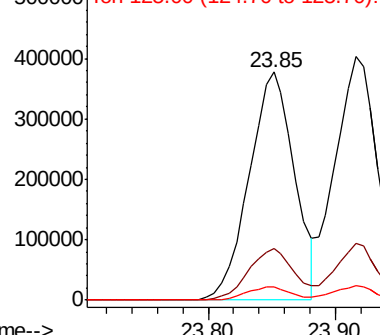


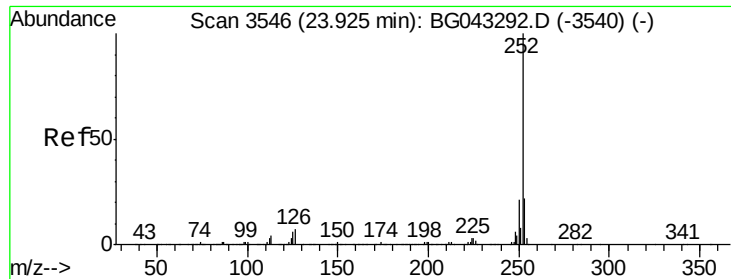
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

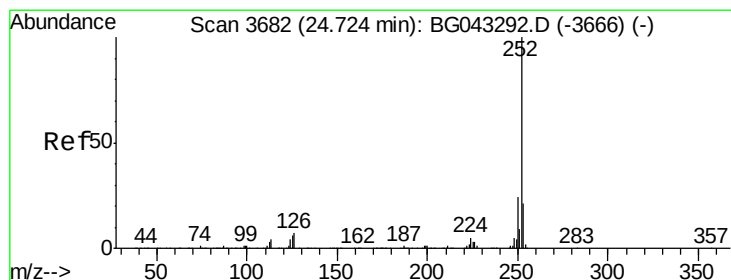
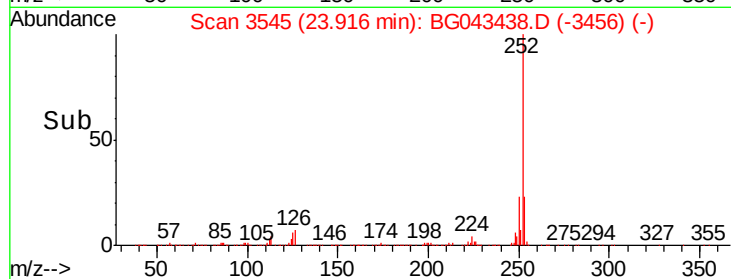
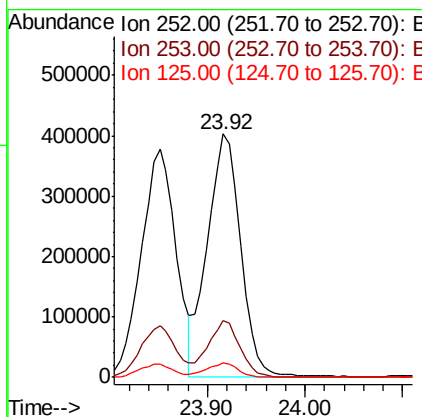
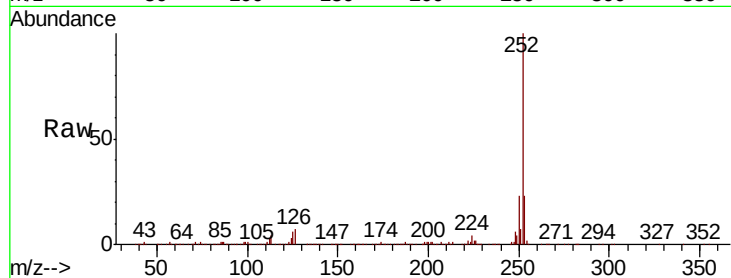




#89
 Benzo(k)fluoranthene
 Concen: 45.928 ng
 RT: 23.92 min Scan# 3545
 Delta R.T. -0.01 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

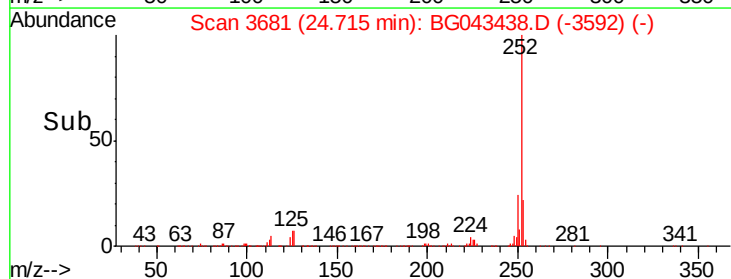
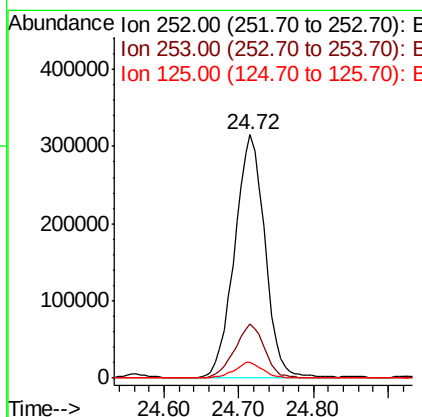
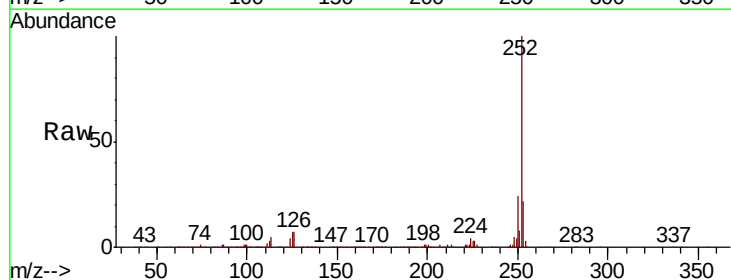
Instrument :
 BNA_G
 ClientSampled :

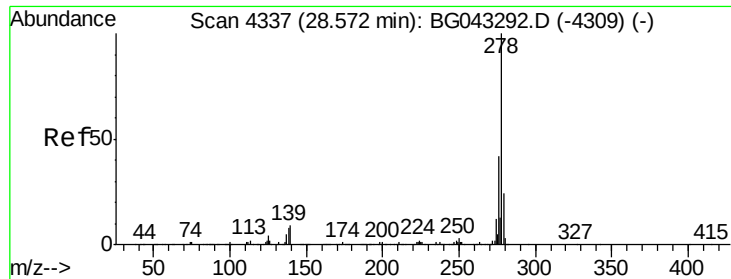
Tot Ion:252 Resp: 948863
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.6 26.4
 125 6.0 4.5 6.7



#90
 Benzo(a)pyrene
 Concen: 45.275 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043438.D
 Acq: 31 Oct 2019 17:45

Tgt Ion:252 Resp: 887269
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 6.7 5.0 7.6

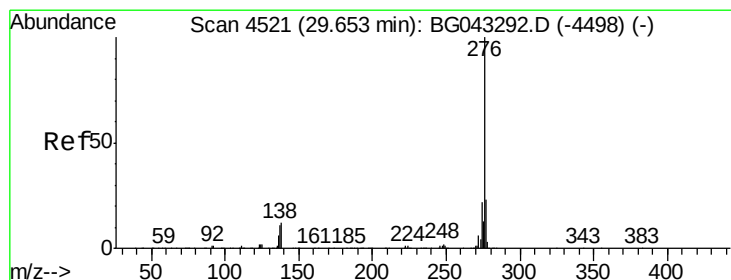
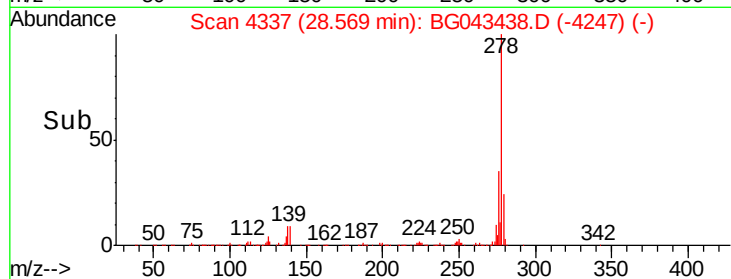
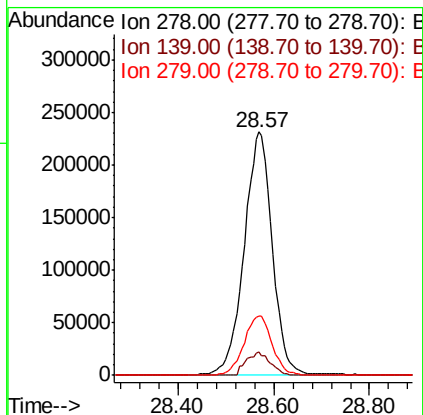
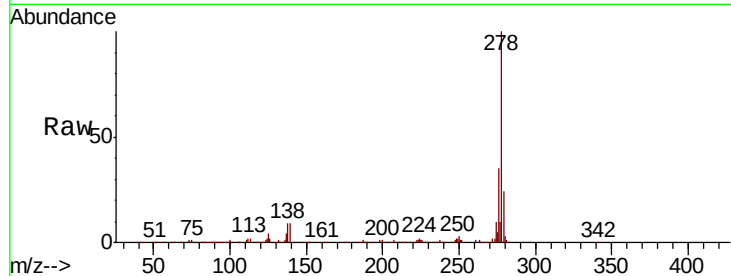




#91
Dibenzo(a,h)anthracene
Concen: 46.951 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.00 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 941129
Ion Ratio Lower Upper
278 100
139 9.4 6.8 10.2
279 24.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.085 ng
RT: 29.64 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043438.D
Acq: 31 Oct 2019 17:45

Tgt Ion:276 Resp: 950748
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 11.9 9.3 13.9

