

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043331.D
 Acq On : 24 Oct 2019 14:58
 Operator : JU
 Sample : PB1242525BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 16:52:01 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	30137	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	116434	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	84575	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	207807	20.00	ng	0.00
76) Chrysene-d12	21.66	240	262192	20.00	ng	0.00
87) Perylene-d12	24.86	264	300270	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	196457	119.45	ng	0.00
7) Phenol-d6	7.20	99	267806	113.18	ng	0.00
23) Nitrobenzene-d5	9.18	82	141374	62.60	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	182199	113.20	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	385038	62.91	ng	0.00
79) Terphenyl-d14	20.00	244	875608	62.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	25465	39.733	ng	# 90
3) Pyridine	3.89	79	57725	35.706	ng	99
4) n-Nitrosodimethylamine	3.80	42	34611	42.426	ng	85
6) Aniline	7.35	93	88235	32.370	ng	96
8) 2-Chlorophenol	7.59	128	80104	44.123	ng	94
9) Benzaldehyde	7.16	77	46256	39.777	ng	91
10) Phenol	7.22	94	96624	44.687	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	68822	41.168	ng	99
12) 1,3-Dichlorobenzene	7.91	146	87102	38.293	ng	98
13) 1,4-Dichlorobenzene	8.06	146	91384	39.708	ng	96
14) 1,2-Dichlorobenzene	8.38	146	87028	38.730	ng	96
15) Benzyl Alcohol	8.26	79	66628	40.094	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	91776	37.755	ng	98
17) 2-Methylphenol	8.48	107	67096	42.566	ng	100
18) Hexachloroethane	9.11	117	32612	39.277	ng	93
19) n-Nitroso-di-n-propylamine	8.82	70	57819	37.815	ng	97
20) 3+4-Methylphenols	8.80	107	87116	40.304	ng	91
22) Acetophenone	8.85	105	114597	38.433	ng	98
24) Nitrobenzene	9.23	77	87921	40.866	ng	96
25) Isophorone	9.74	82	163651	39.634	ng	99
26) 2-Nitrophenol	9.94	139	43458	41.840	ng	92
27) 2,4-Dimethylphenol	10.00	122	74204	49.845	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	90269	39.610	ng	96
29) 2,4-Dichlorophenol	10.49	162	82490	43.246	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	92255	38.375	ng	94
31) Naphthalene	10.88	128	242915	41.101	ng	99
32) Benzoic acid	10.14	122	32564	32.296	ng	87
33) 4-Chloroaniline	11.00	127	44626	18.420	ng	96
34) Hexachlorobutadiene	11.16	225	67785	38.143	ng	89
35) Caprolactam	11.75	113	12931	19.684	ng	# 88
36) 4-Chloro-3-methylphenol	12.12	107	91522	43.988	ng	98
37) 2-Methylnaphthalene	12.48	142	188276	41.519	ng	97
38) 1-Methylnaphthalene	12.48	142	188276	43.636	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	122882	39.259	ng	97

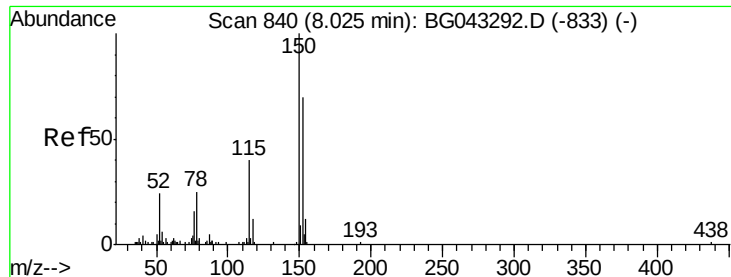
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	154318	93.856	nq	94
43) 2,4,6-Trichlorophenol	13.09	196	77965	42.297	nq	93
44) 2,4,5-Trichlorophenol	13.17	196	85946	46.120	nq	95
46) 1,1'-Biphenyl	13.49	154	251417	39.076	nq	98
47) 2-Chloronaphthalene	13.53	162	195608	39.957	nq	98
48) 2-Nitroaniline	13.73	65	58424	39.930	nq	97
49) Acenaphthylene	14.37	152	323873	42.508	nq	98
50) Dimethylphthalate	14.10	163	268502	40.987	nq	100
51) 2,6-Dinitrotoluene	14.22	165	59799	42.018	nq	99
52) Acenaphthene	14.72	154	192183	41.362	nq	98
53) 3-Nitroaniline	14.56	138	37793	27.505	nq	81
54) 2,4-Dinitrophenol	14.76	184	61496	70.181	nq	97
55) Dibenzofuran	15.05	168	318565	42.279	nq	99
56) 4-Nitrophenol	14.88	139	91532	99.406	nq	97
57) 2,4-Dinitrotoluene	15.01	165	86697	42.626	nq	97
58) Fluorene	15.70	166	267528	42.333	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	89770	45.340	nq	# 98
60) Diethylphthalate	15.46	149	270330	41.069	nq	97
61) 4-Chlorophenyl-phenylether	15.68	204	152546	41.378	nq	95
62) 4-Nitroaniline	15.72	138	59435	41.884	nq	96
63) Azobenzene	15.98	77	229789	43.135	nq	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	50883	41.607	nq	100
66) n-Nitrosodiphenylamine	15.90	169	237116	40.416	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	108516	38.803	nq	98
68) Hexachlorobenzene	16.70	284	120596	37.567	nq	98
69) Atrazine	16.85	200	107141	52.555	nq	98
70) Pentachlorophenol	17.05	266	136967	93.637	nq	93
71) Phenanthrene	17.44	178	447016	42.008	nq	99
72) Anthracene	17.53	178	458751	43.088	nq	99
73) Carbazole	17.80	167	428347	44.428	nq	98
74) Di-n-butylphthalate	18.35	149	504306	43.108	nq	99
75) Fluoranthene	19.45	202	628000	45.268	nq	99
77) Benzidine	19.63	184	348897	66.120	nq	98
78) Pyrene	19.81	202	639339	39.394	nq	99
80) Butylbenzylphthalate	20.69	149	245414	39.913	nq	97
81) Benzo(a)anthracene	21.64	228	683968	41.646	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	186623	29.379	nq	97
83) Chrysene	21.71	228	662279	40.586	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	361514	41.390	nq	99
85) Di-n-octyl phthalate	22.75	149	614220	41.450	nq	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	840766	41.047	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	719388	42.301	nq	98
89) Benzo(k)fluoranthene	23.91	252	721157	42.123	nq	99
90) Benzo(a)pyrene	24.71	252	663237	40.840	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	713238	42.938	nq	98
92) Benzo(g,h,i)perylene	29.63	276	709770	43.318	nq	97

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

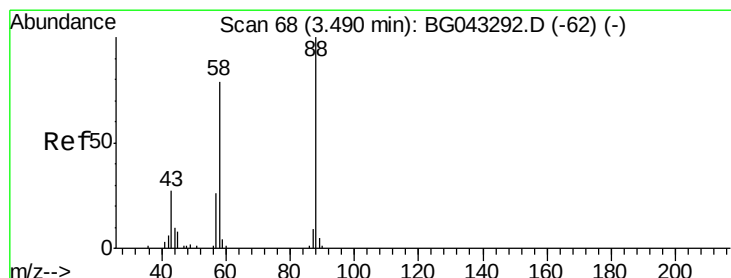
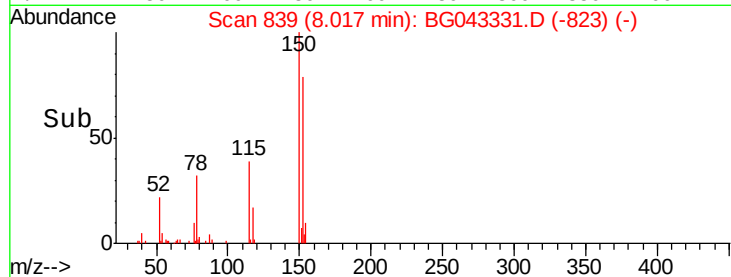
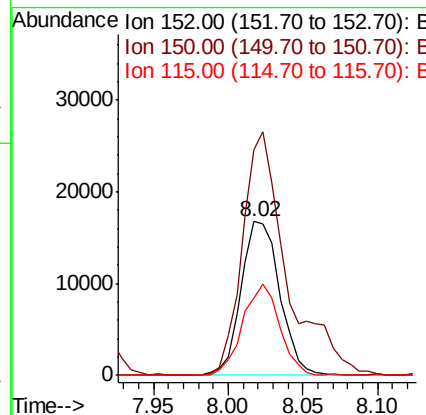
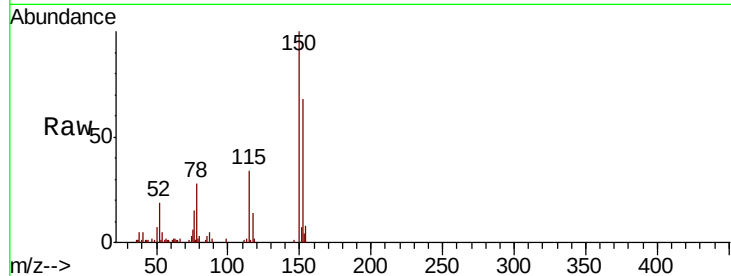


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

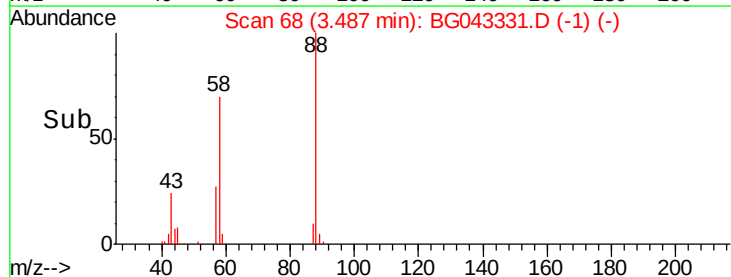
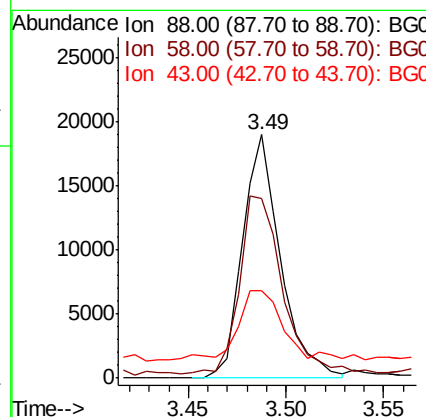
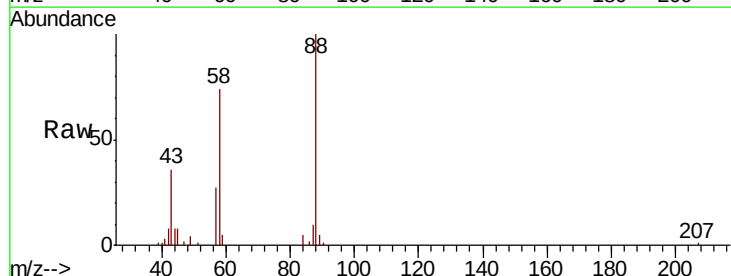
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	113.6	170.4
115	49.9	45.9	68.9

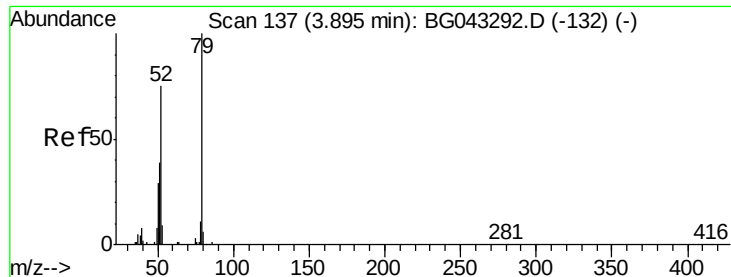


#2

1,4-Dioxane
Concen: 39.733 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	60.2	90.2
43	34.7	22.7	34.1#





#3

Pvridine

Concen: 35.706 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

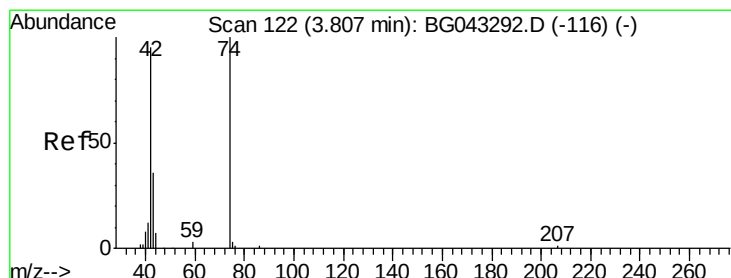
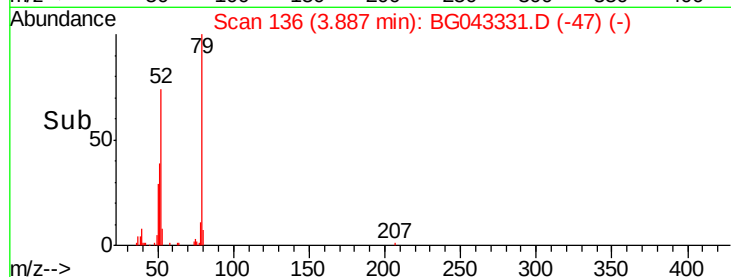
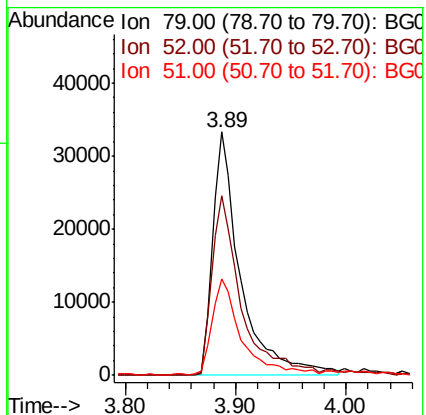
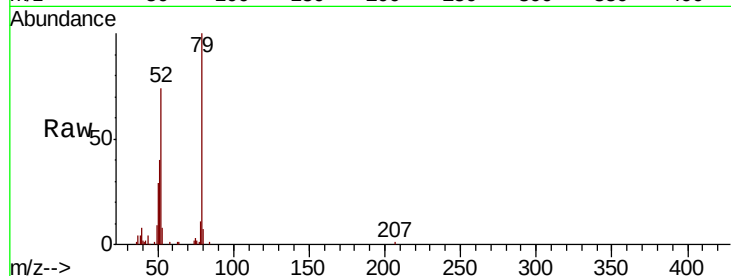
Tot Ion: 79 Resp: 57725

Ion Ratio Lower Upper

79 100

52 73.6 59.7 89.5

51 39.7 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 42.426 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

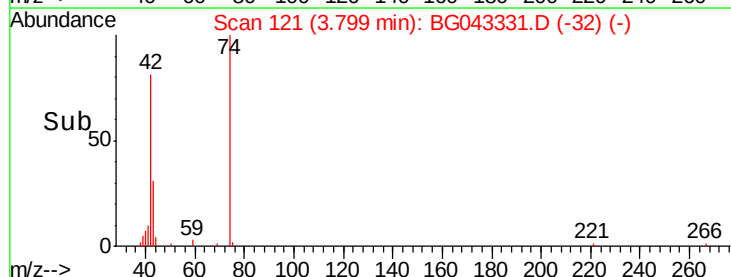
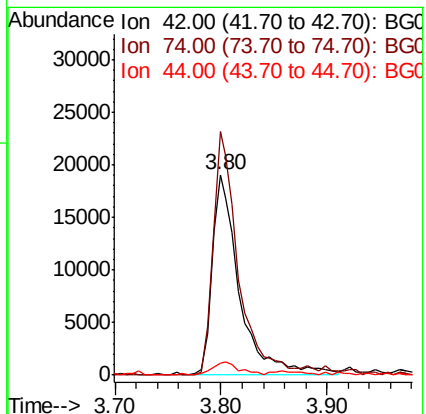
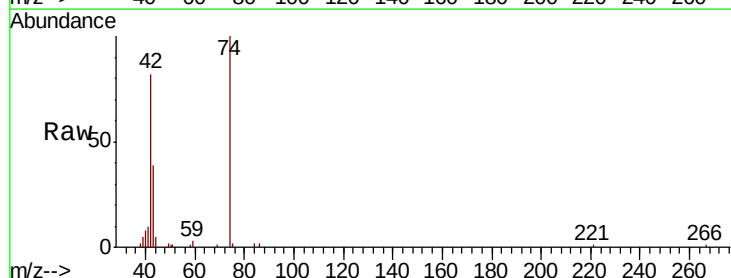
Tgt Ion: 42 Resp: 34611

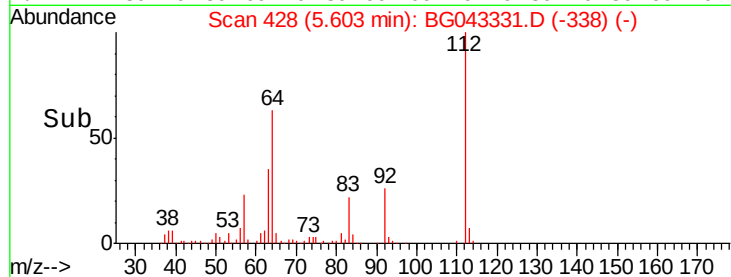
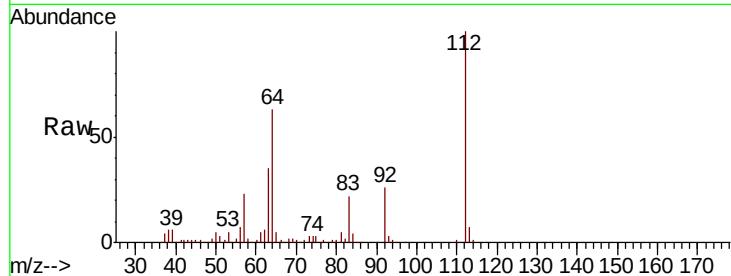
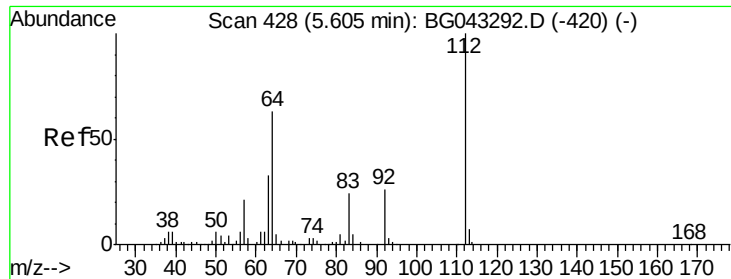
Ion Ratio Lower Upper

42 100

74 121.6 84.2 126.2

44 6.3 6.0 9.0

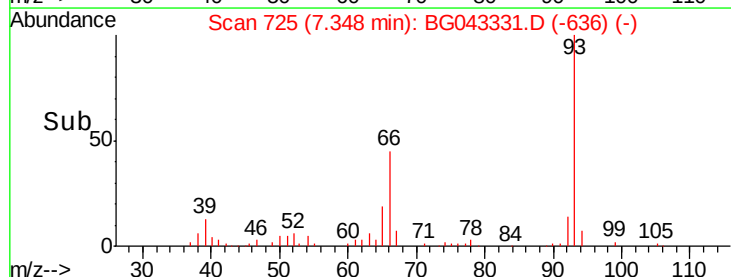
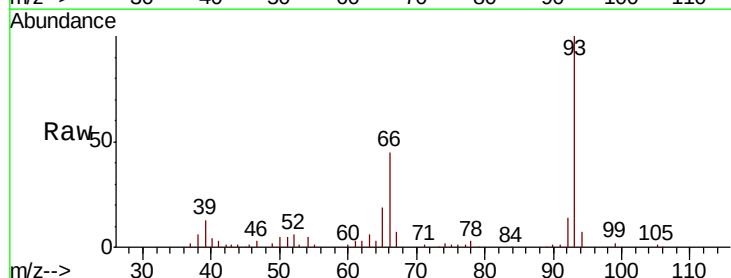
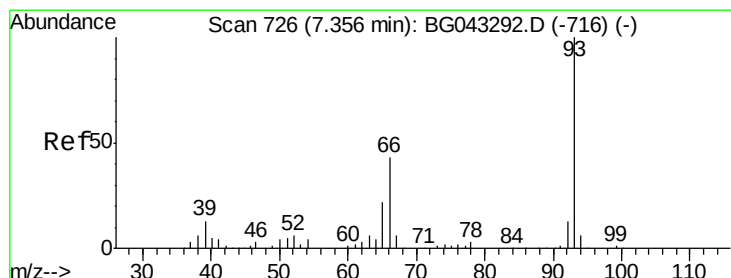
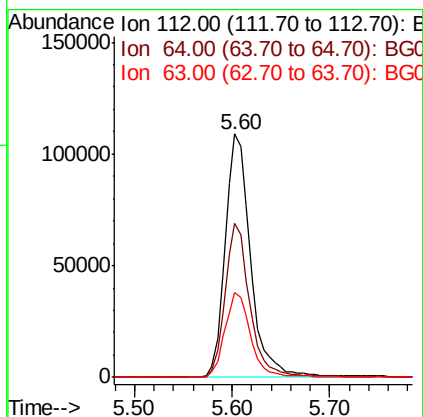




#5
2-Fluorophenol
Concen: 119.454 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

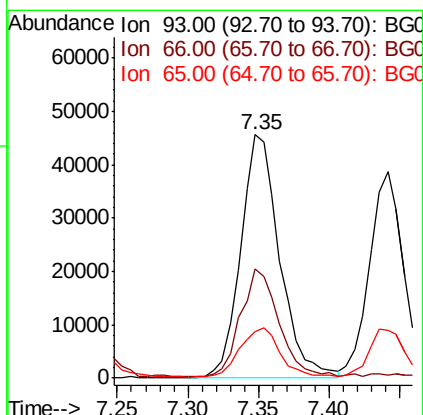
Instrument :
BNA_G
ClientSampled :

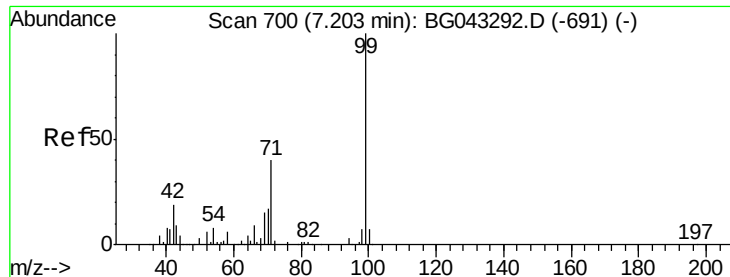
Tot Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.2	75.2
63	35.1	26.7	40.1



#6
Aniline
Concen: 32.370 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.7	34.5	51.7
65	19.2	18.0	27.0





#7

Phenol-d6

Concen: 113.178 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

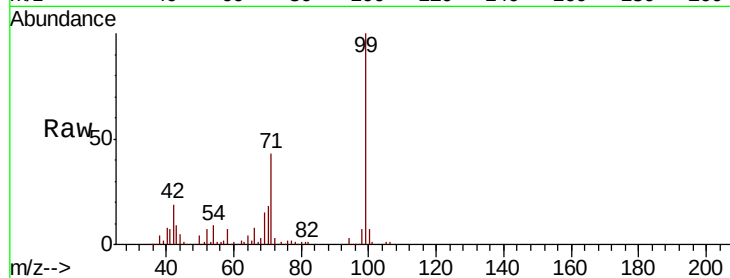
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 267806

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.9	22.3
71	42.6	32.2	48.2

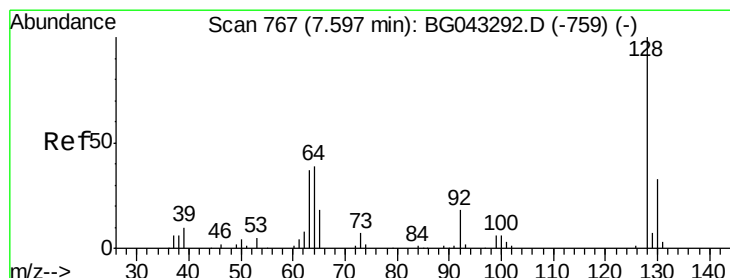
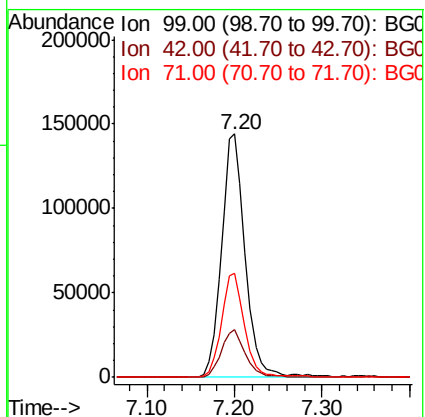
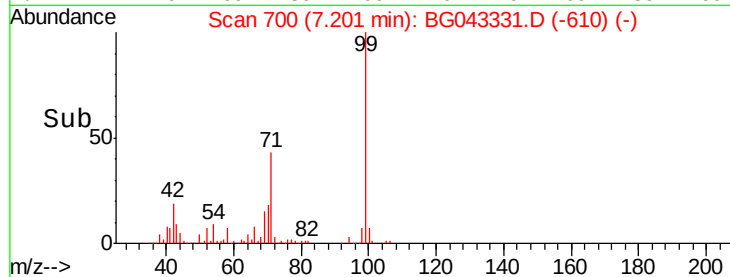


Abundance

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: 44.123 ng

RT: 7.59 min Scan# 767

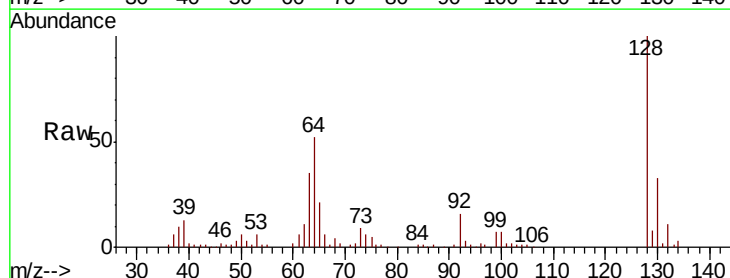
Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Tgt Ion: 128 Resp: 80104

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	51.7	24.9	64.9

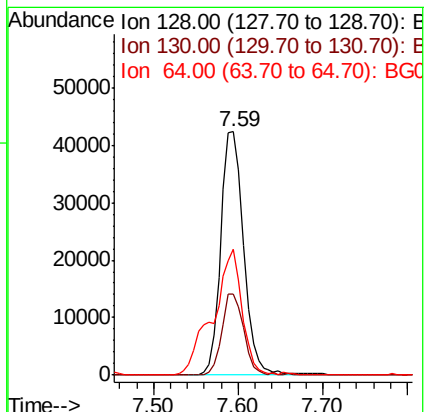
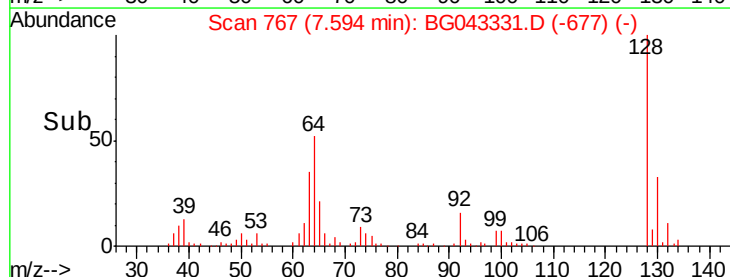


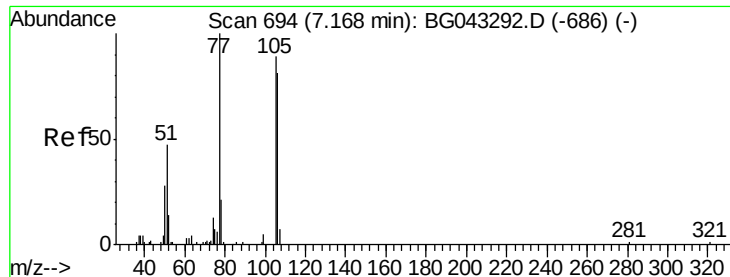
Abundance

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: 39.777 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampled :

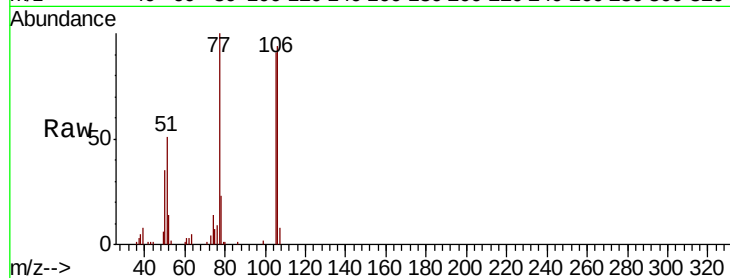
Tot Ion: 77 Resp: 46256

Ion Ratio Lower Upper

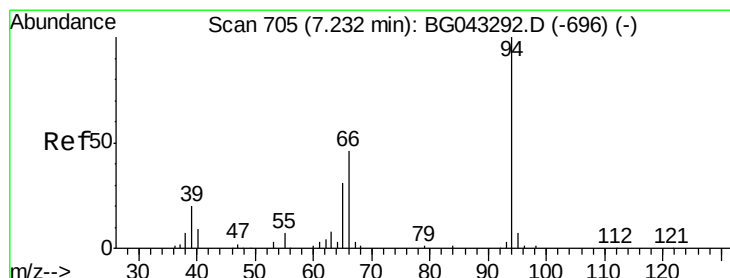
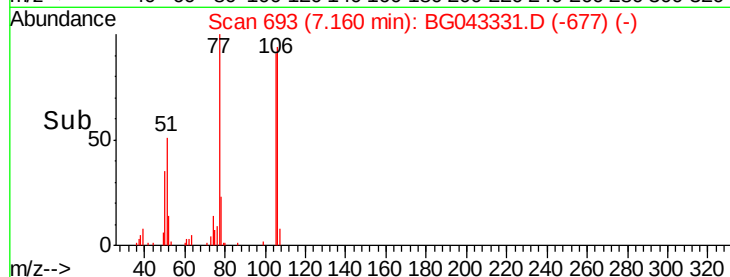
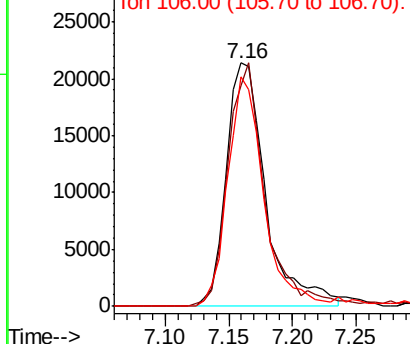
77 100

105 90.6 68.7 108.7

106 94.4 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: 44.687 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

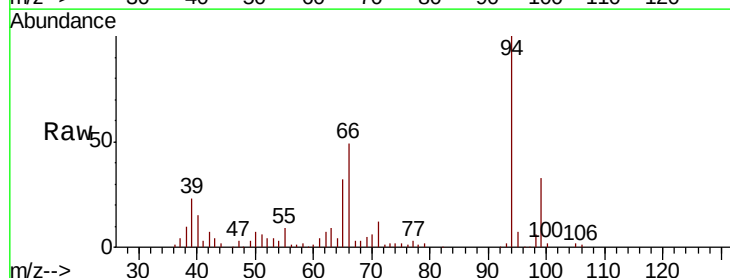
Tgt Ion: 94 Resp: 96624

Ion Ratio Lower Upper

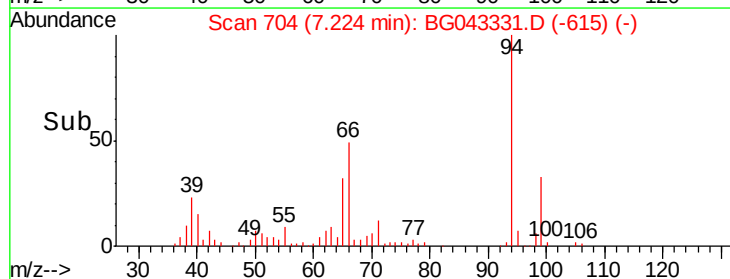
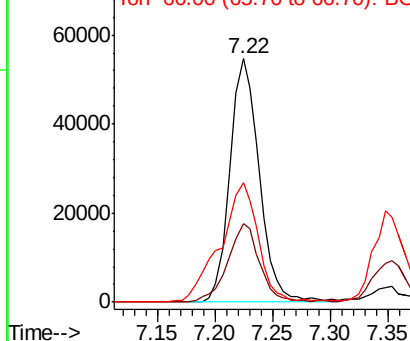
94 100

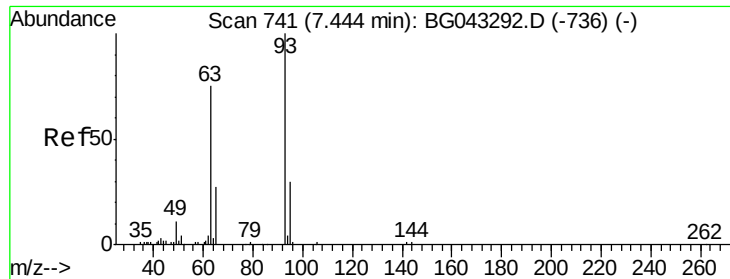
65 32.4 11.1 51.1

66 49.1 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

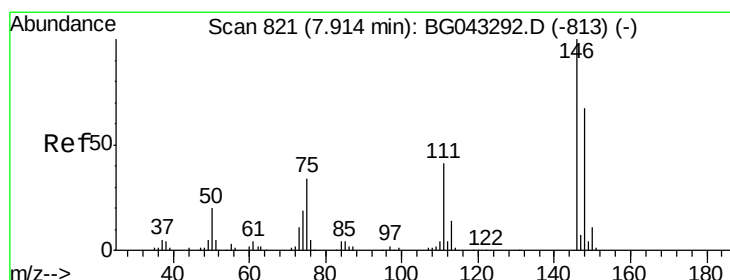
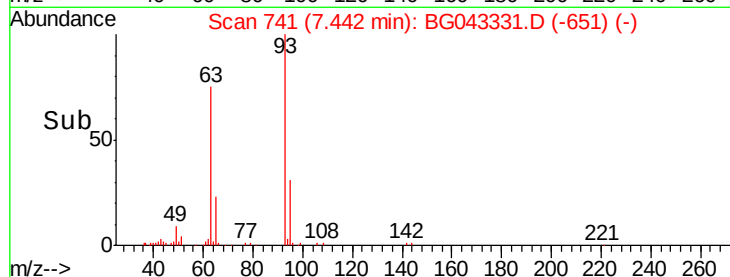
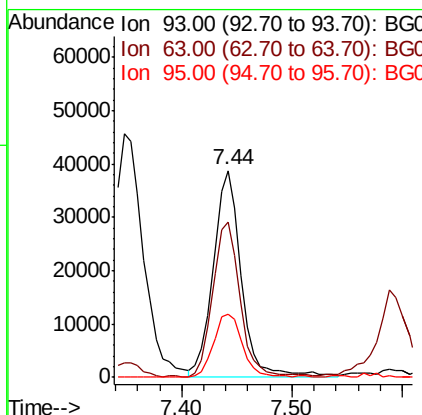
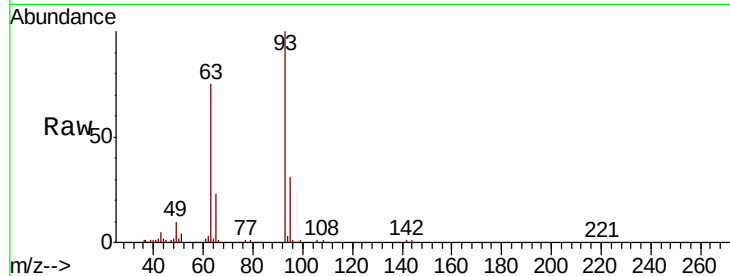




#11
bis(2-Chloroethyl)ether
Concen: 41.168 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

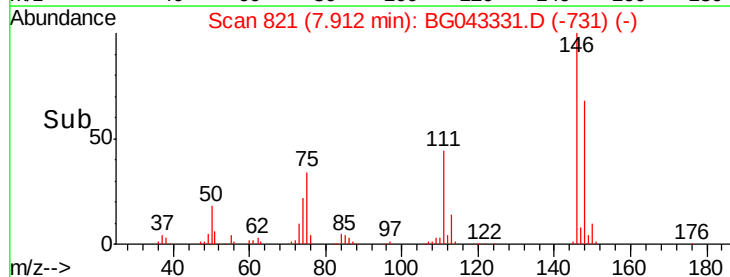
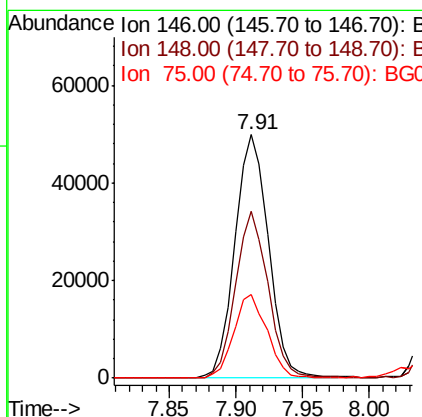
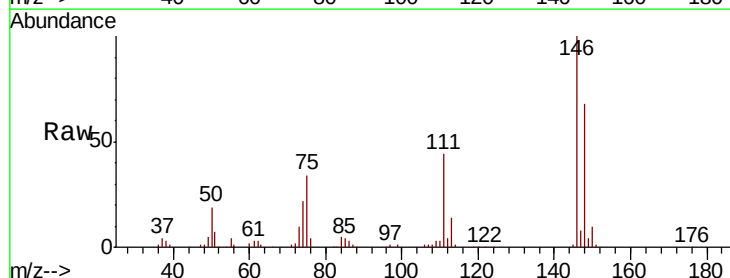
Instrument :
BNA_G
ClientSampleId :

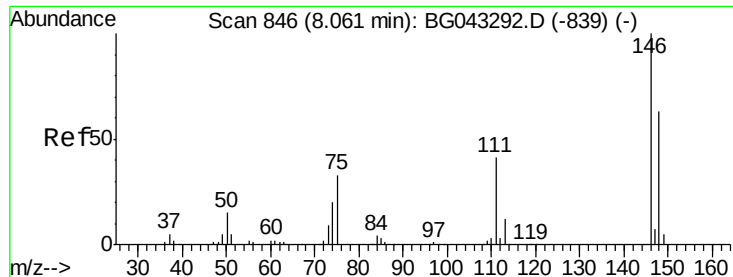
Tot Ion: 93 Resp: 68822
Ion Ratio Lower Upper
93 100
63 75.1 54.6 94.6
95 30.6 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 38.293 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion: 146 Resp: 87102
Ion Ratio Lower Upper
146 100
148 68.4 53.4 80.2
75 34.3 27.0 40.4

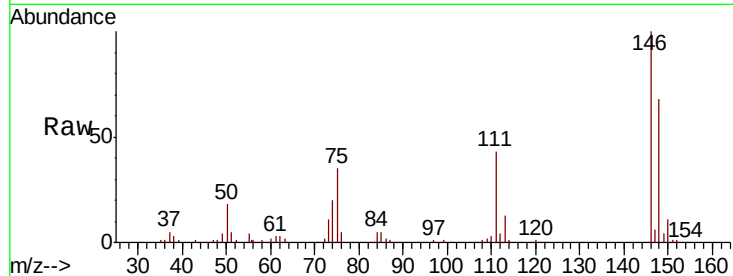




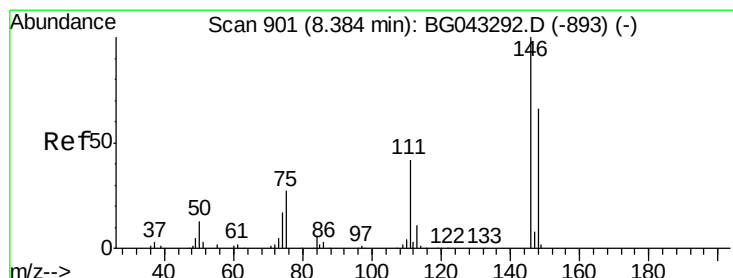
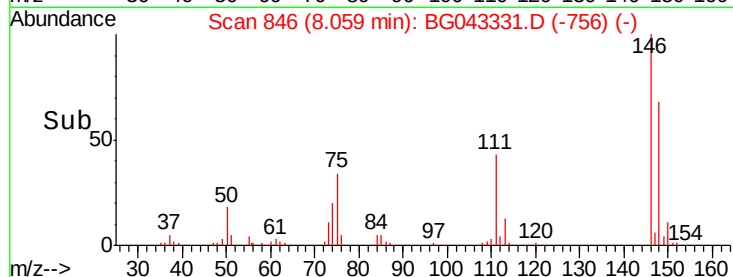
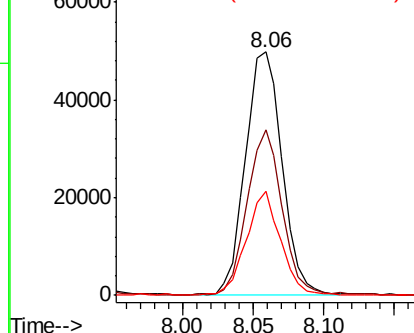
#13
1,4-Dichlorobenzene
Concen: 39.708 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 91384
Ion Ratio Lower Upper
146 100
148 67.9 50.7 76.1
111 42.6 33.0 49.6

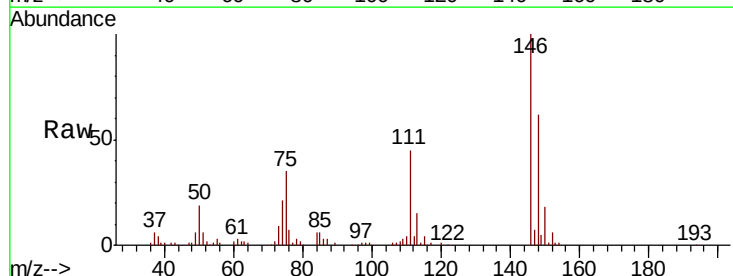


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

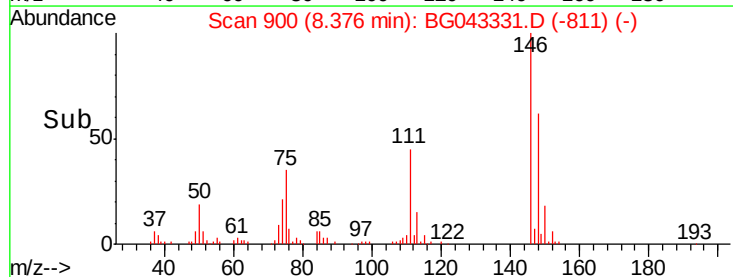
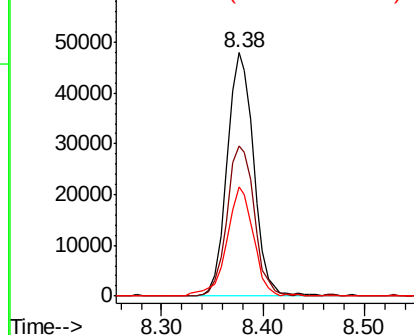


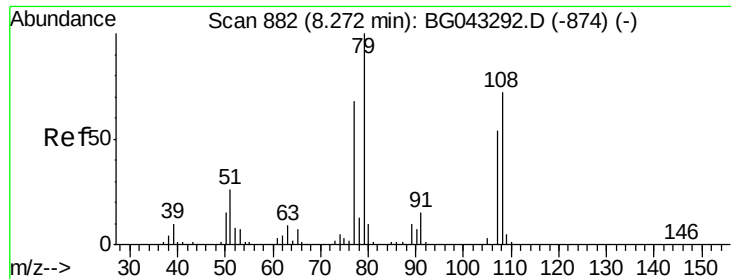
#14
1,2-Dichlorobenzene
Concen: 38.730 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:146 Resp: 87028
Ion Ratio Lower Upper
146 100
148 61.9 53.0 79.4
111 44.9 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: 40.094 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

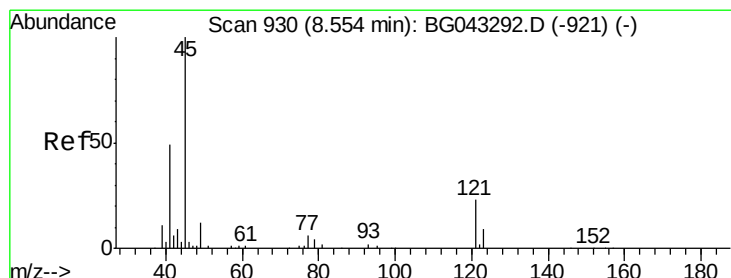
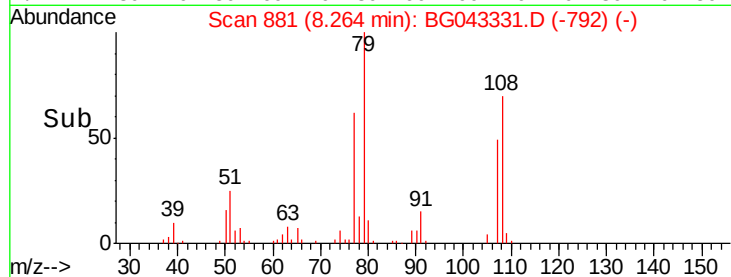
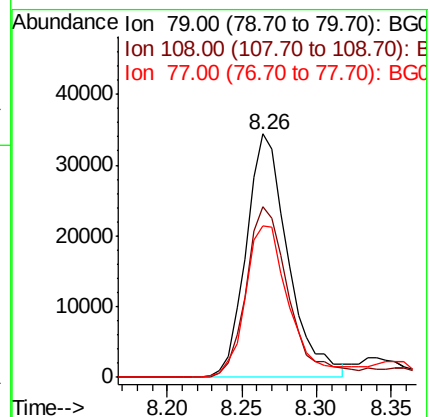
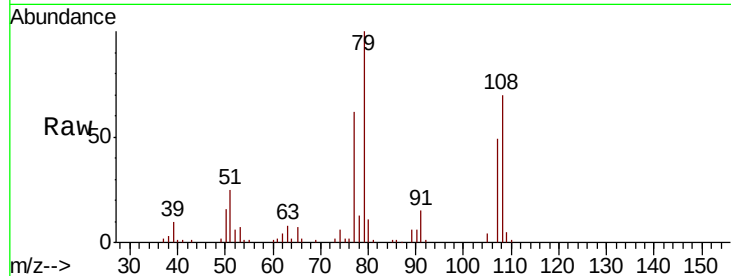
Tot Ion: 79 Resp: 66628

Ion Ratio Lower Upper

79 100

108 70.2 57.3 85.9

77 62.4 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.755 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

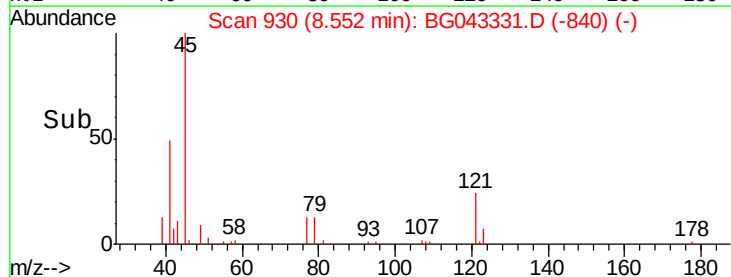
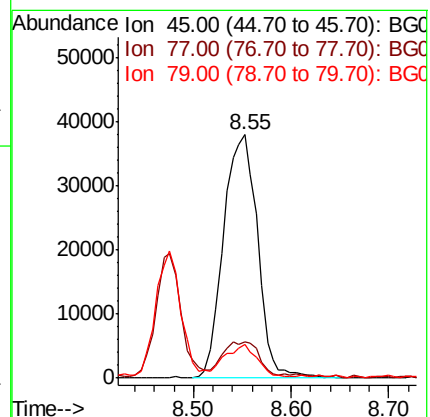
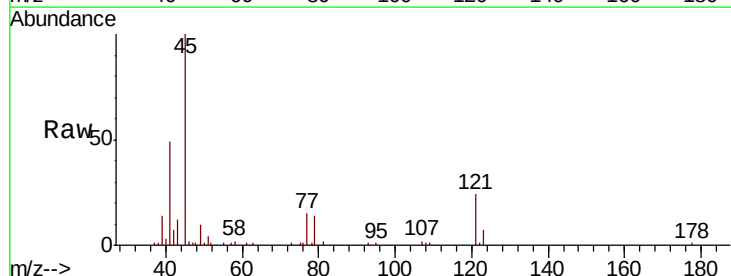
Tgt Ion: 45 Resp: 91776

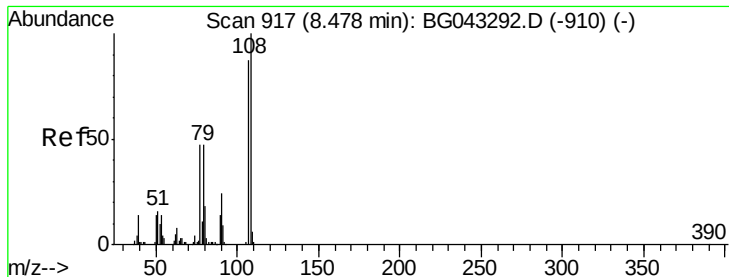
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.2

79 13.7 0.0 32.3





#17

2-Methylphenol

Concen: 42.566 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 67096

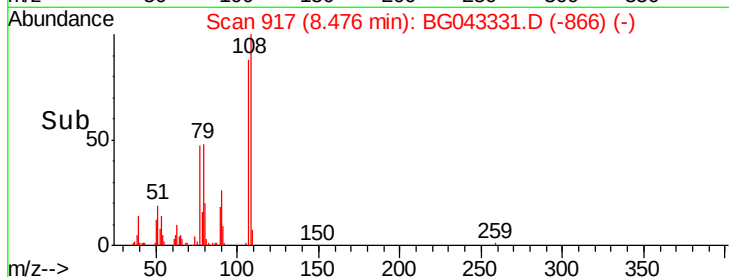
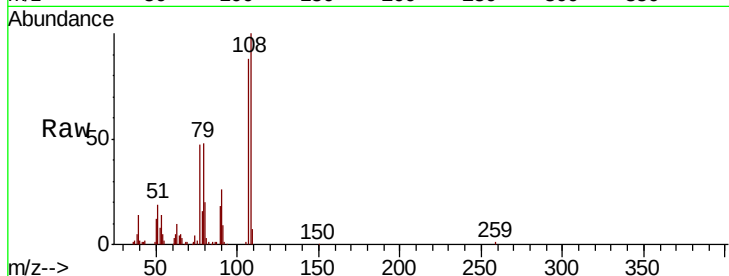
Ion Ratio Lower Upper

107 100

108 114.1 91.3 136.9

77 53.7 43.0 64.6

79 55.0 43.4 65.2



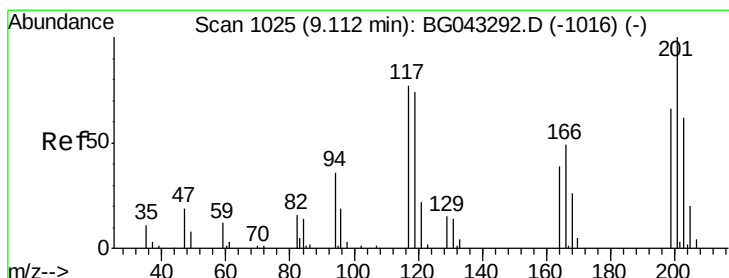
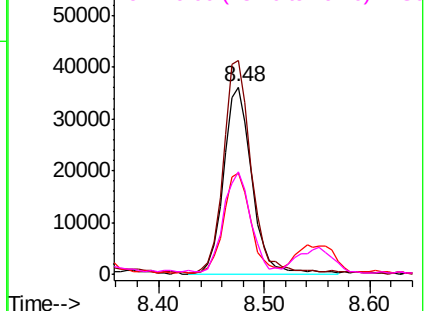
Abundance

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: 39.277 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

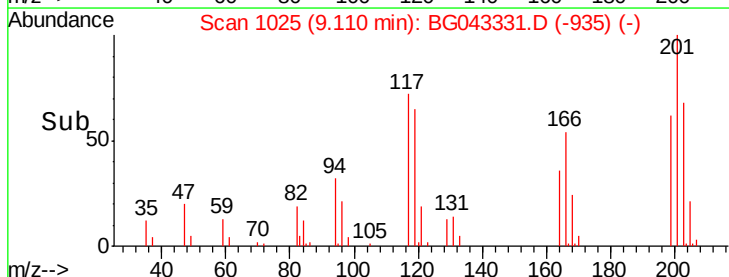
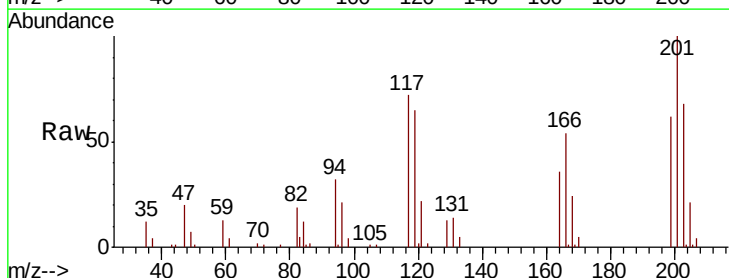
Tgt Ion:117 Resp: 32612

Ion Ratio Lower Upper

117 100

119 90.3 77.3 115.9

201 139.6 104.2 156.4

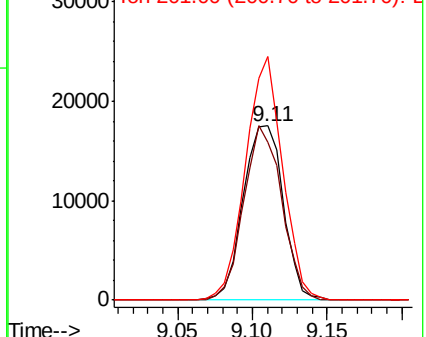


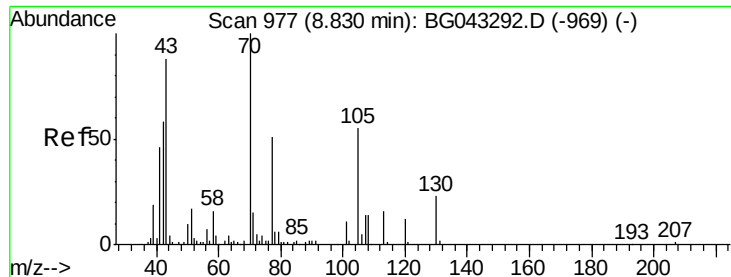
Abundance

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

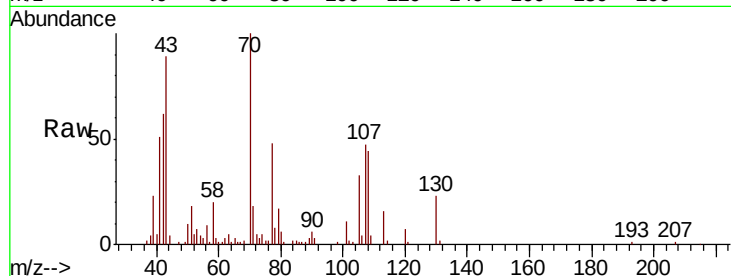




#19
n-Nitroso-di-n-propylamine
Concen: 37.815 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	57819
Ion	Ratio	Lower	Upper
70	100		
42	61.6	46.2	69.2
101	10.7	8.6	13.0
130	23.3	18.6	27.8



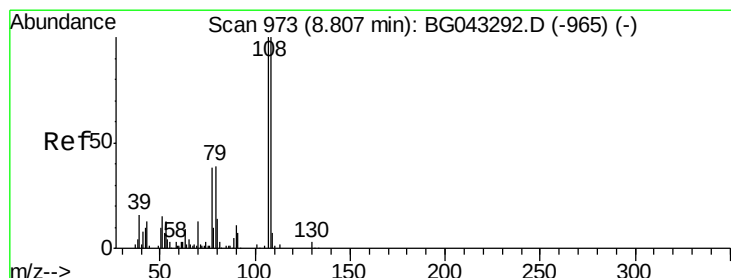
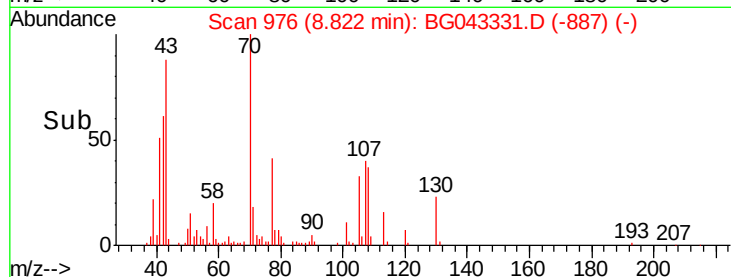
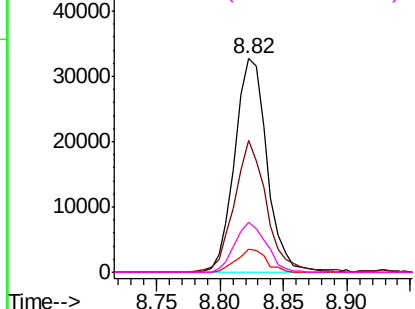
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

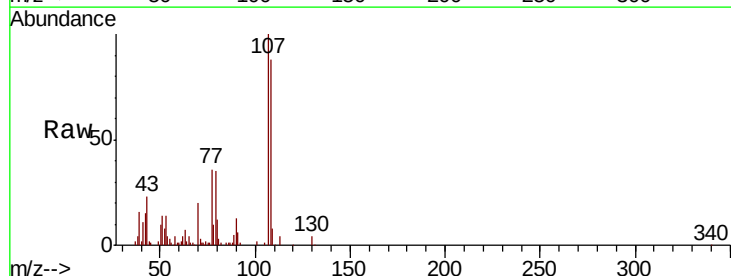
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.304 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:	107	Resp:	87116
Ion	Ratio	Lower	Upper
107	100		
108	88.4	80.3	120.3
77	35.9	18.2	58.2
79	34.9	18.8	58.8



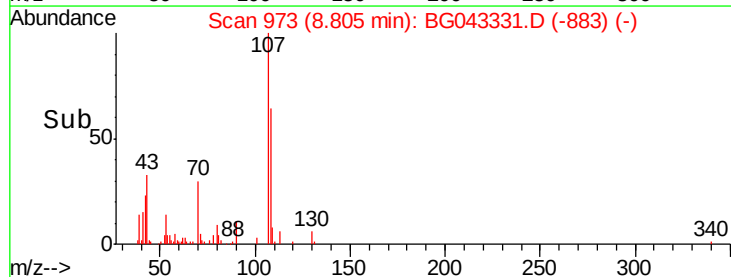
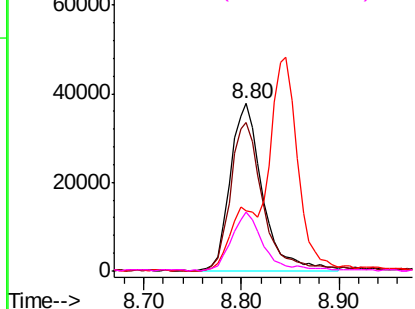
Abundance

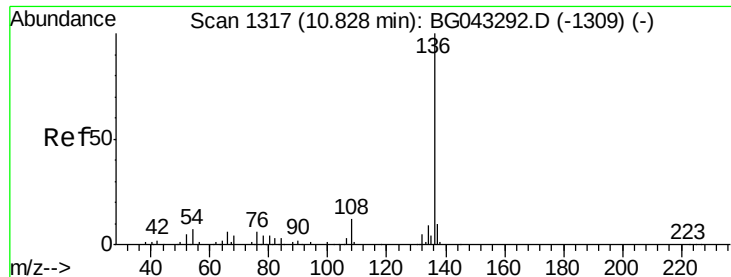
Ion 107.00 (106.70 to 107.70): BGC

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

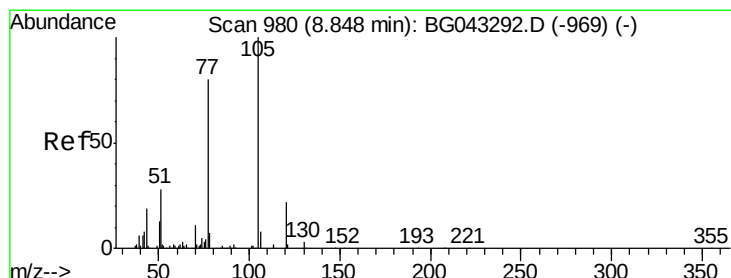
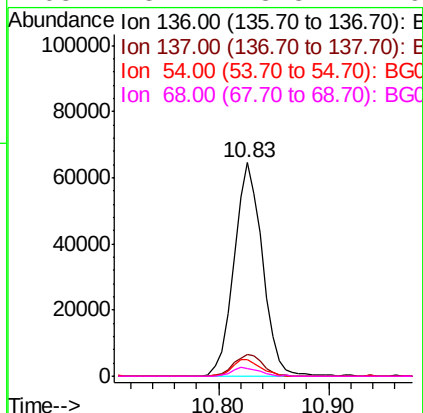
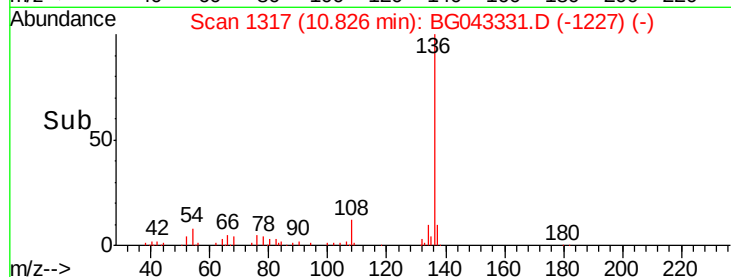
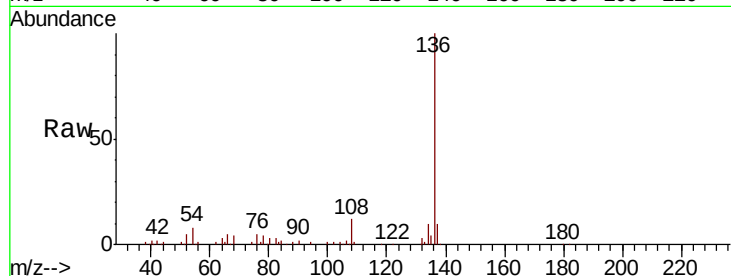




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

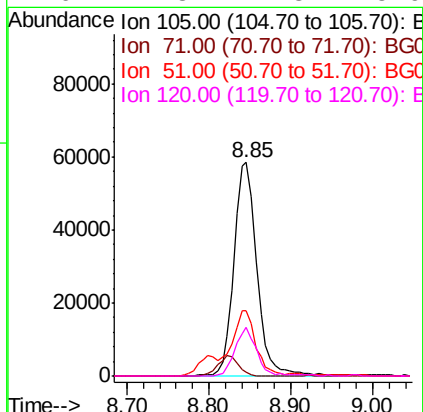
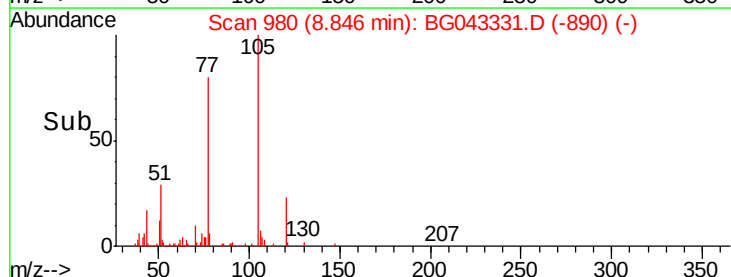
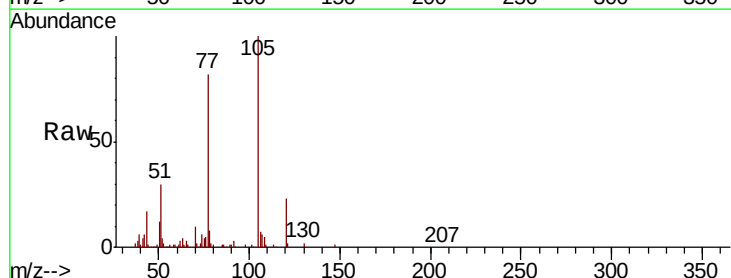
Instrument :
BNA_G
ClientSampled :

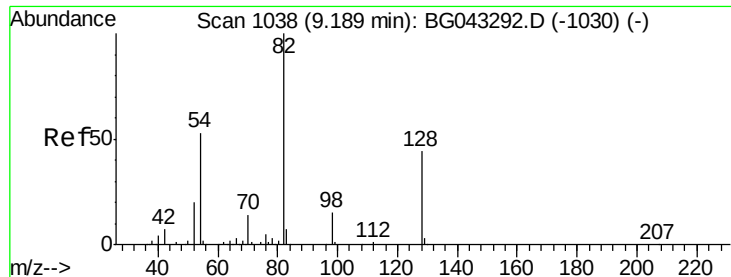
Tot Ion:136	Resp:	116434
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.2 12.2
54	7.9	5.4 8.2
68	3.7	3.3 4.9



#22
Acetophenone
Concen: 38.433 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:105	Resp:	114597
Ion Ratio	Lower	Upper
105	100	
71	1.5	1.5 2.3
51	30.4	23.9 35.9
120	22.8	17.3 25.9

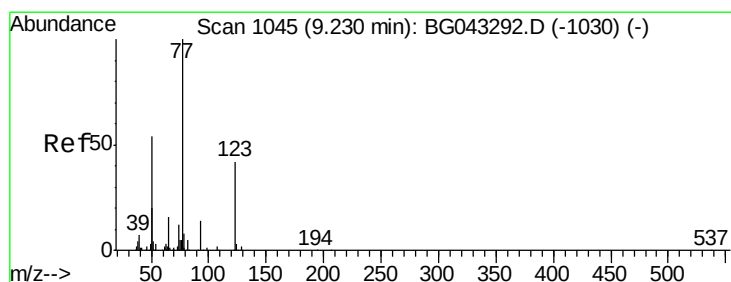
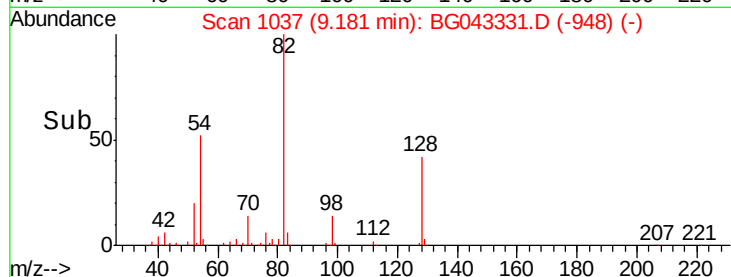
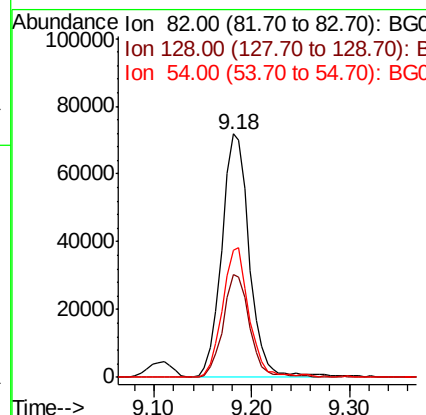
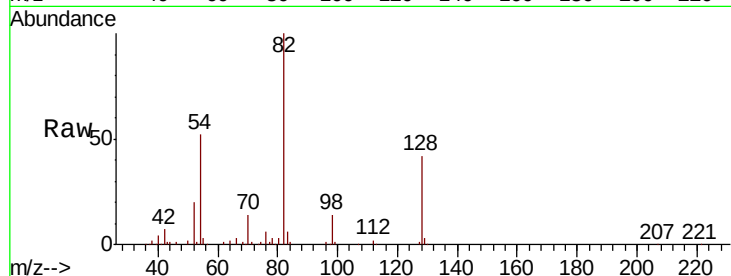




#23
 Nitrobenzene-d5
 Concen: 62.597 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

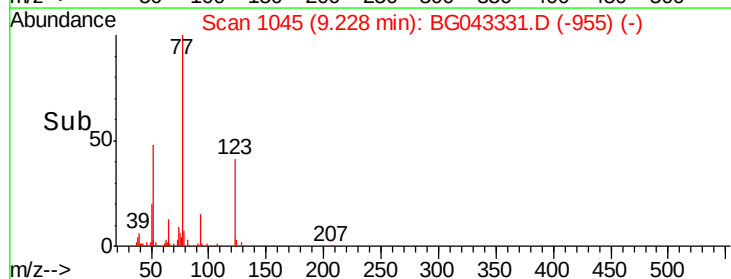
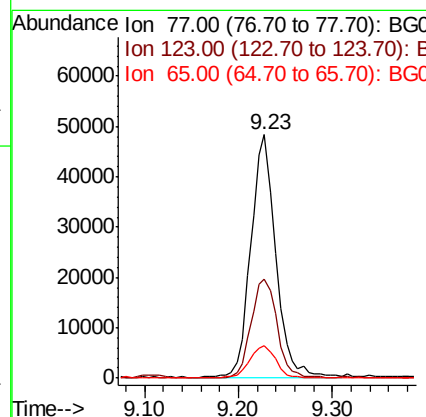
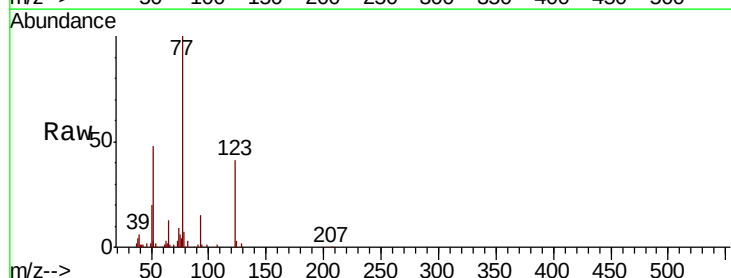
Instrument :
 BNA_G
 ClientSampled :

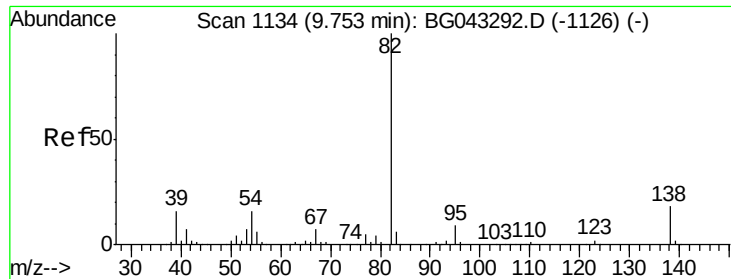
Tot Ion: 82 Resp: 141374
 Ion Ratio Lower Upper
 82 100
 128 42.4 35.3 52.9
 54 52.0 42.3 63.5



#24
 Nitrobenzene
 Concen: 40.866 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion: 77 Resp: 87921
 Ion Ratio Lower Upper
 77 100
 123 40.7 33.8 50.8
 65 13.2 13.0 19.4





#25

Isophorone

Concen: 39.634 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

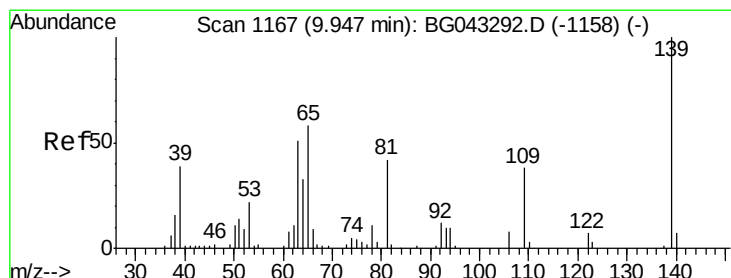
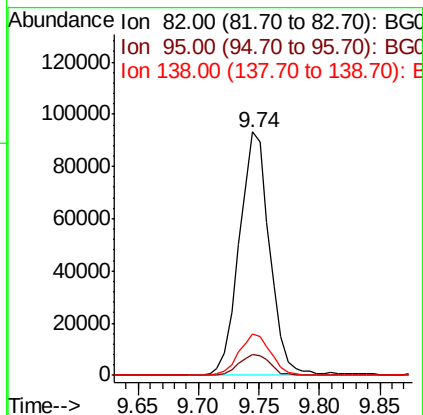
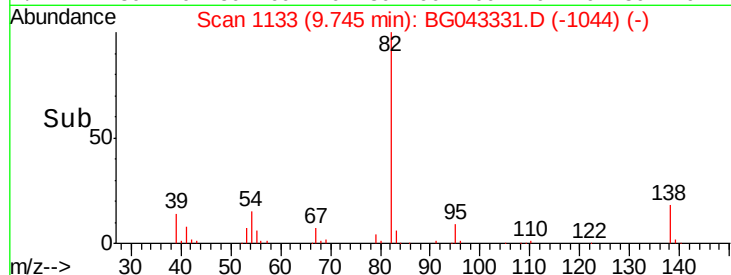
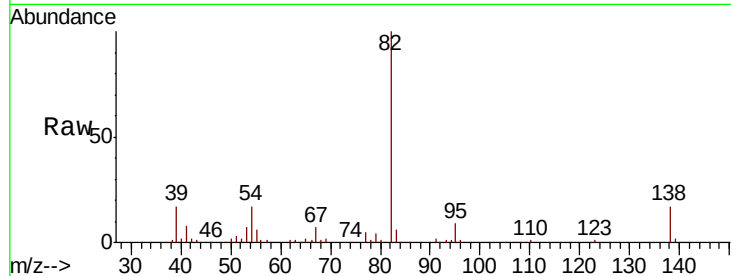
Tot Ion: 82 Resp: 163651

Ion Ratio Lower Upper

82 100

95 8.6 6.9 10.3

138 17.2 14.2 21.2



#26

2-Nitrophenol

Concen: 41.840 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

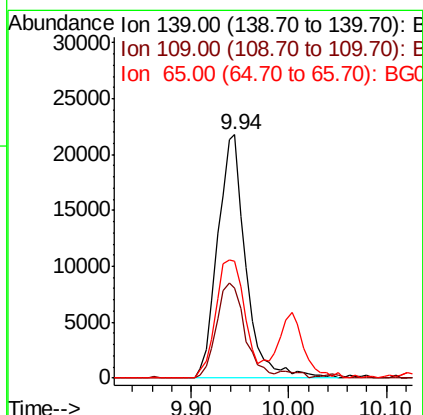
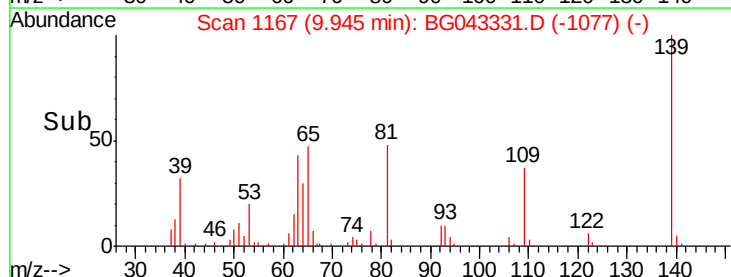
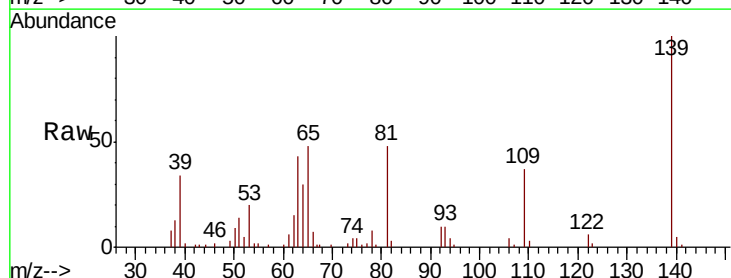
Tgt Ion: 139 Resp: 43458

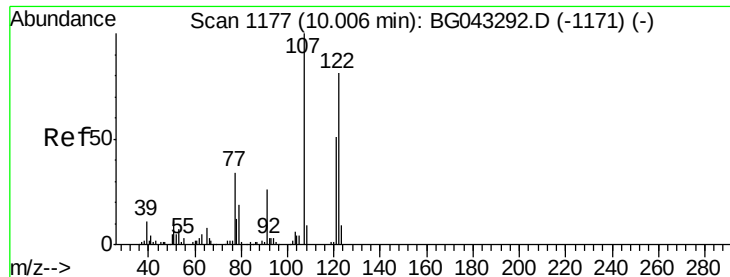
Ion Ratio Lower Upper

139 100

109 36.8 30.1 45.1

65 48.1 46.1 69.1

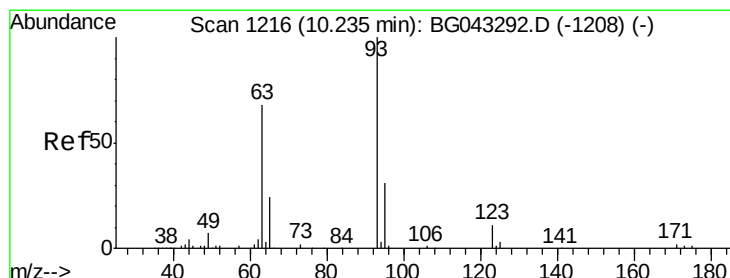
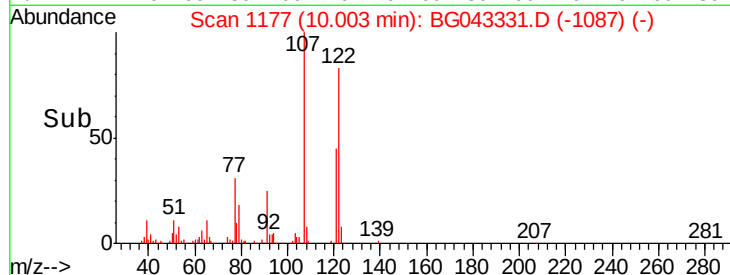
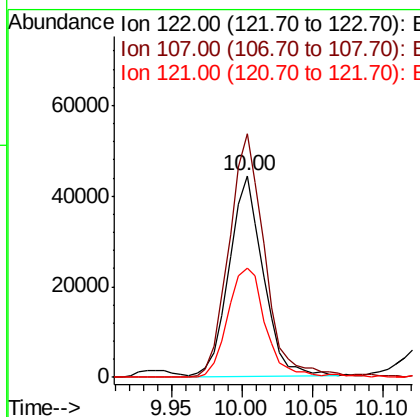
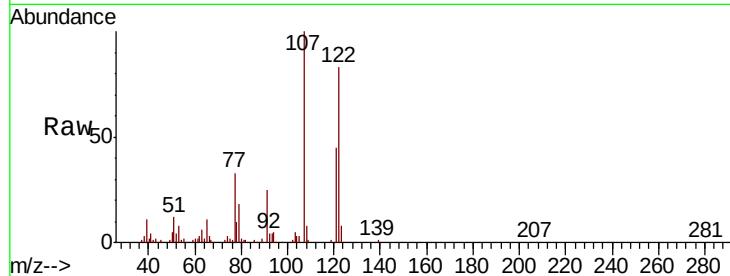




#27
 2,4-Dimethylphenol
 Concen: 49.845 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

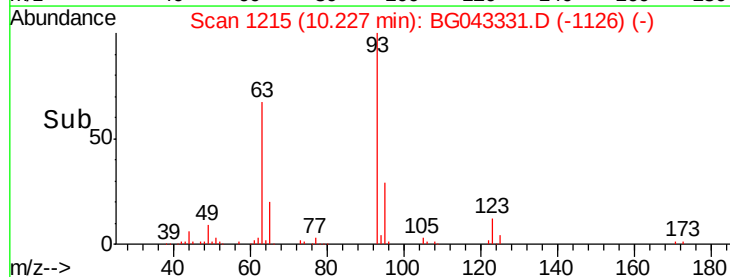
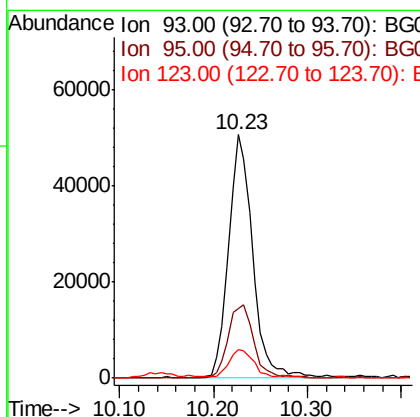
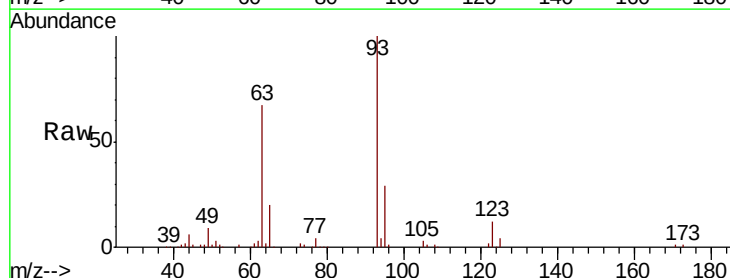
Instrument :
 BNA_G
 ClientSampleId :

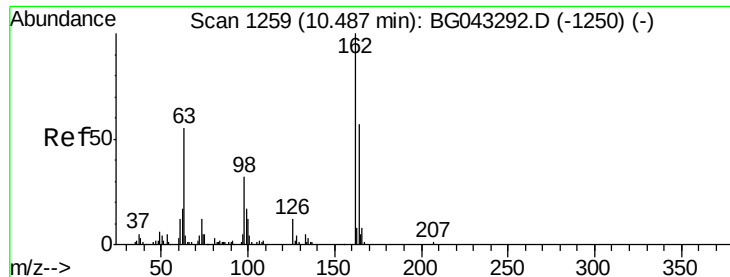
Tot Ion:122 Resp: 74204
 Ion Ratio Lower Upper
 122 100
 107 120.8 98.6 147.8
 121 53.9 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.610 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion: 93 Resp: 90269
 Ion Ratio Lower Upper
 93 100
 95 28.5 24.9 37.3
 123 11.6 8.9 13.3

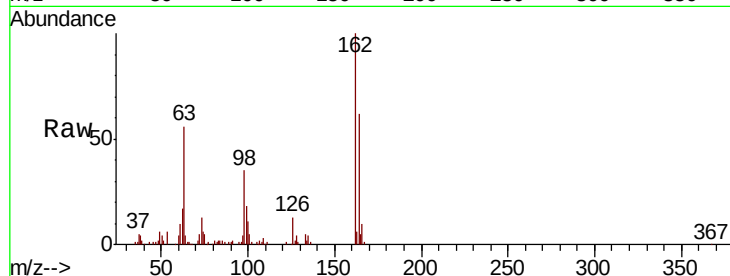




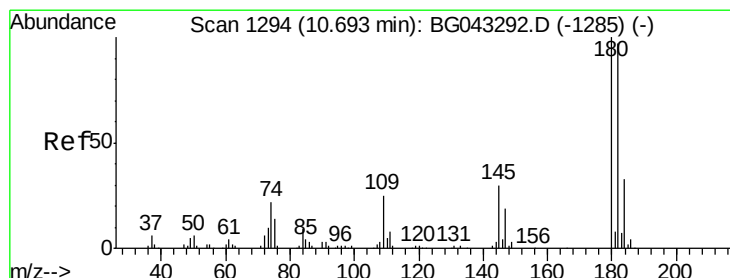
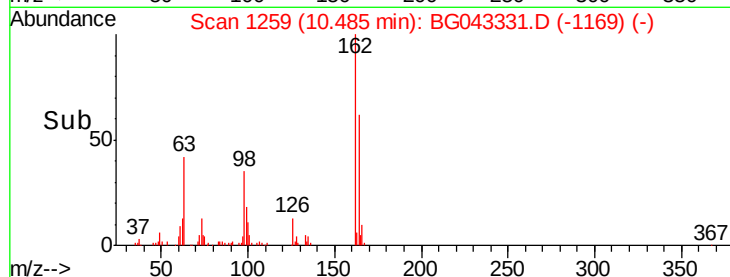
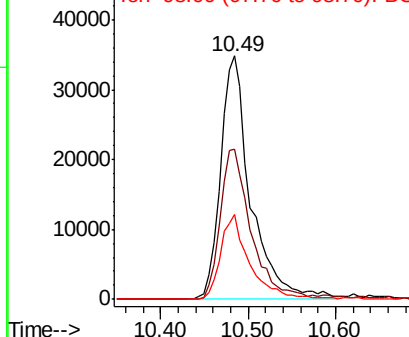
#29
2,4-Dichlorophenol
Concen: 43.246 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	37.3	77.3
98	34.8	11.8	51.8

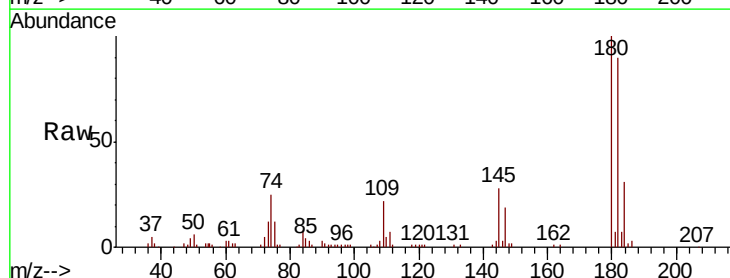


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

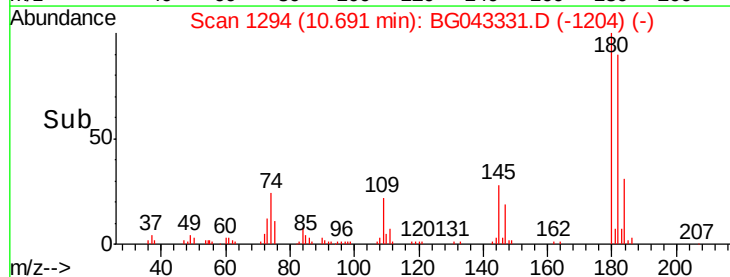
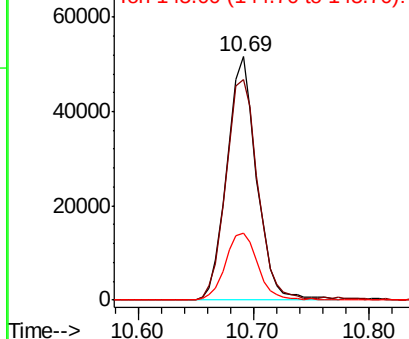


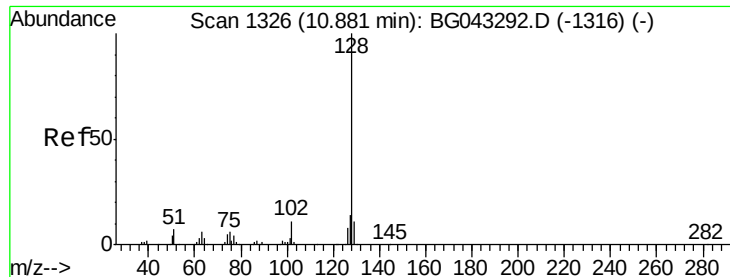
#30
1,2,4-Trichlorobenzene
Concen: 38.375 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.5	77.8	116.8
145	27.6	23.6	35.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

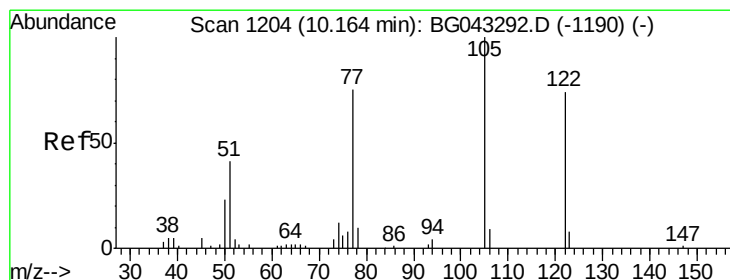
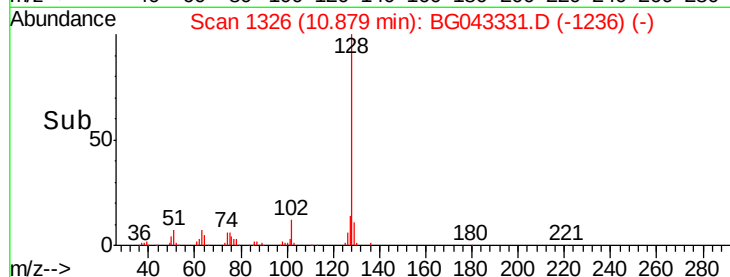
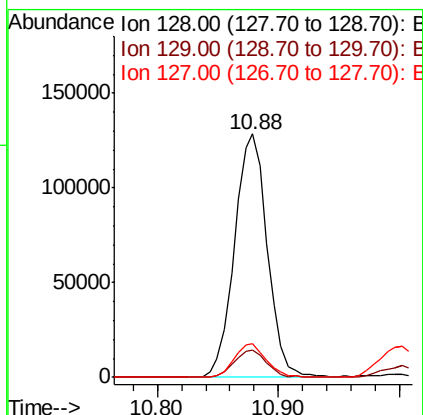
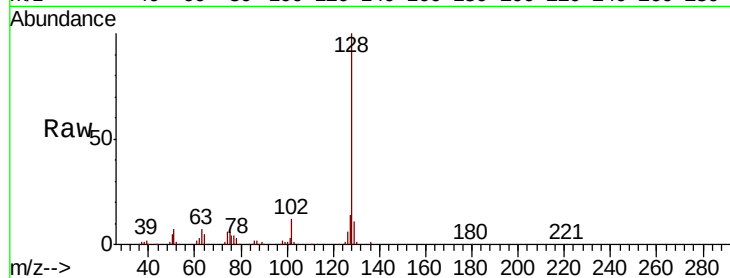




#31
Naphthalene
Concen: 41.101 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

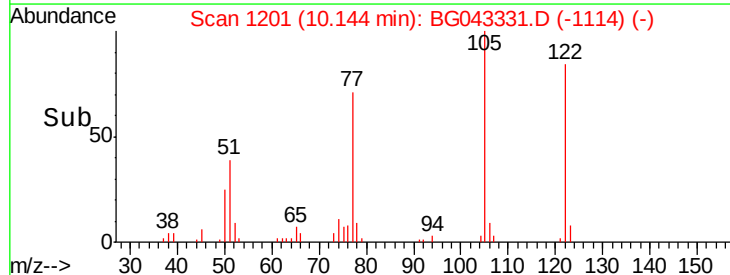
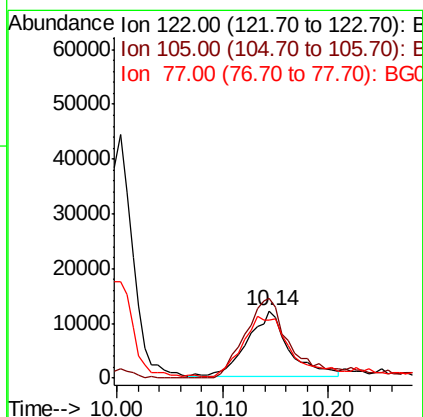
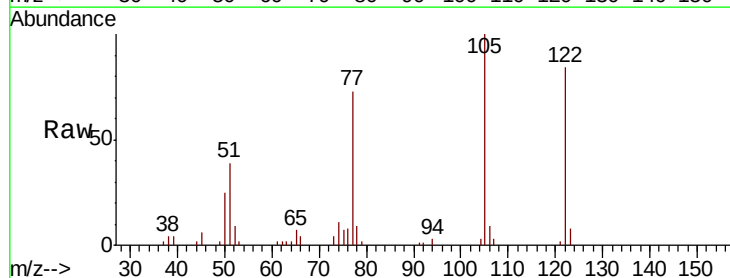
Instrument :
BNA_G
ClientSampleId :

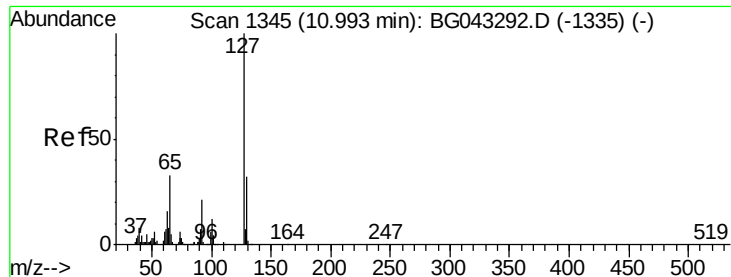
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.0	11.5	17.3



#32
Benzoic acid
Concen: 32.296 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	112.4	152.4
77	87.0	82.7	122.7

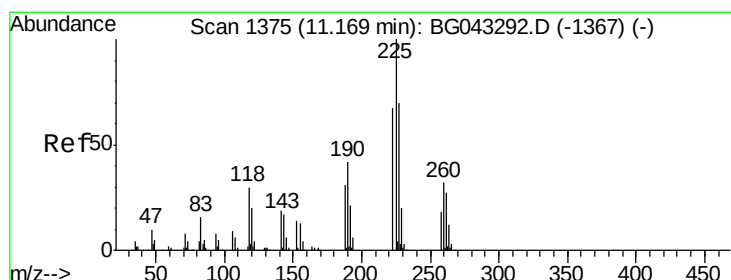
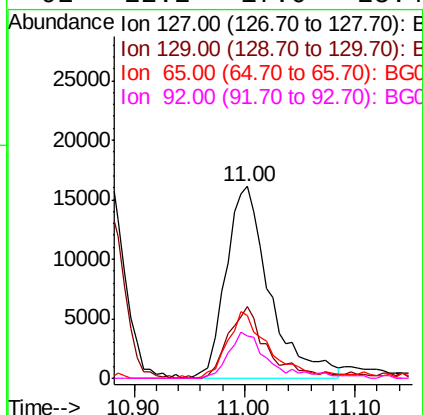
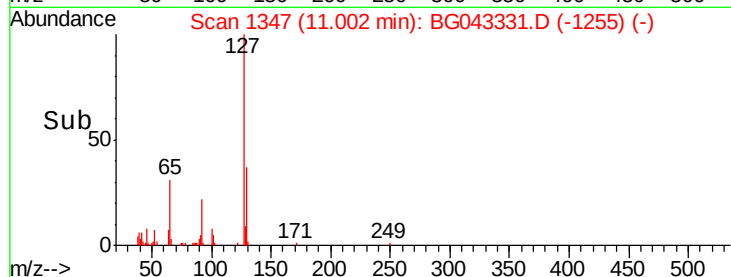
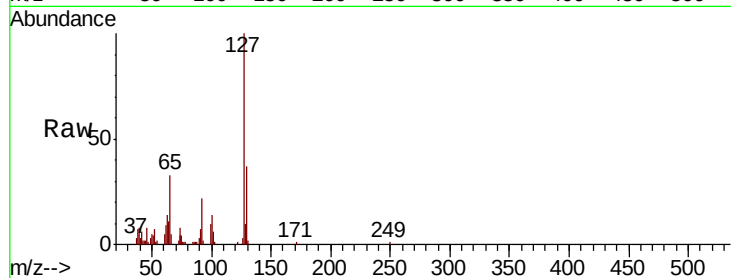




#33
4-Chloroaniline
Concen: 18.420 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

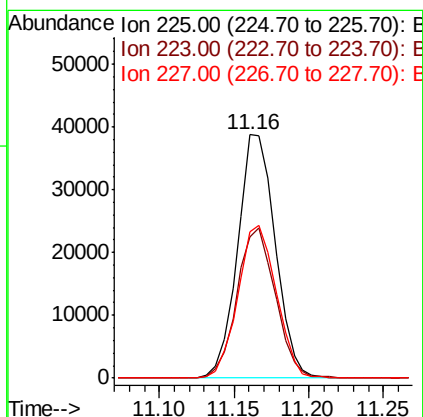
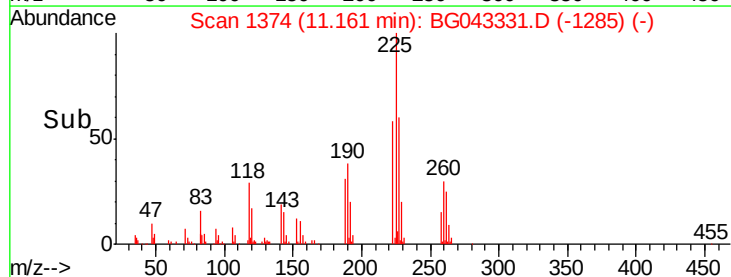
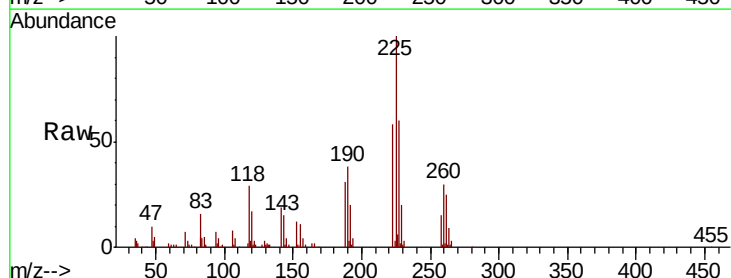
Instrument :
BNA_G
ClientSampleId :

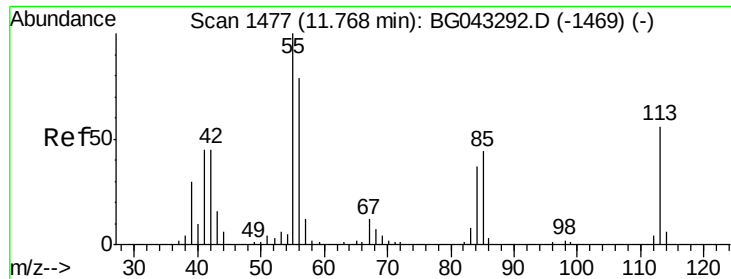
Tot Ion:127 Resp: 44626
Ion Ratio Lower Upper
127 100
129 37.5 25.8 38.8
65 32.7 26.2 39.2
92 22.2 17.0 25.4



#34
Hexachlorobutadiene
Concen: 38.143 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:225 Resp: 67785
Ion Ratio Lower Upper
225 100
223 58.0 53.2 79.8
227 60.1 56.2 84.2

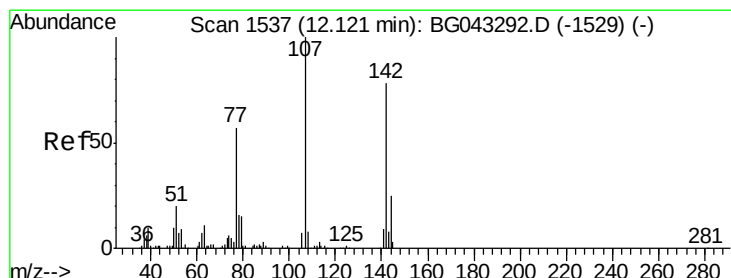
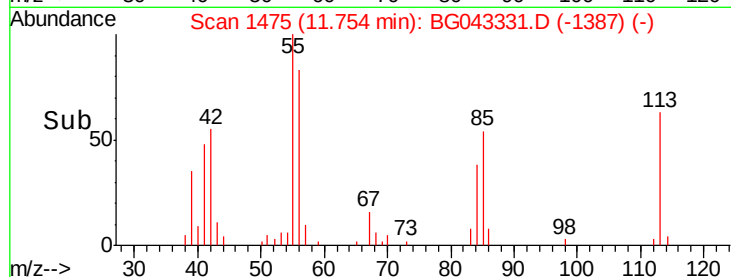
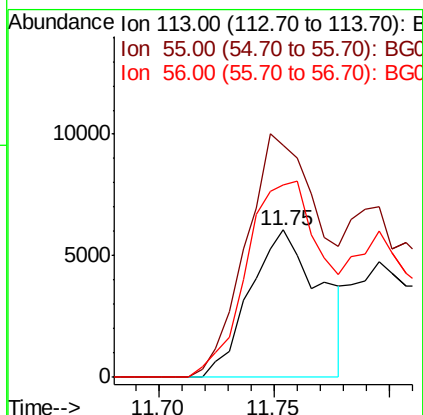
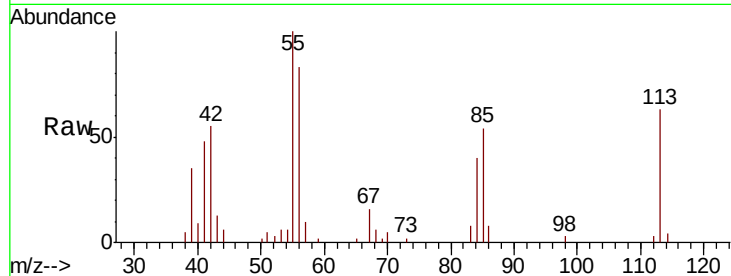




#35
 Caprolactam
 Concen: 19.684 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

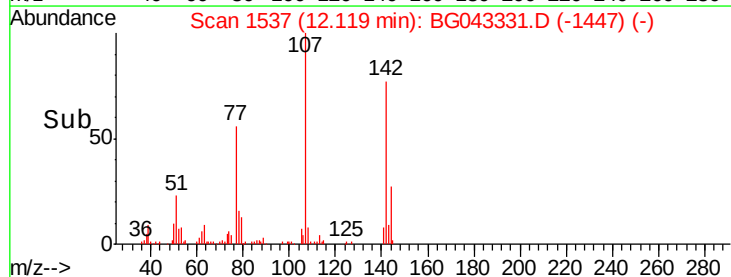
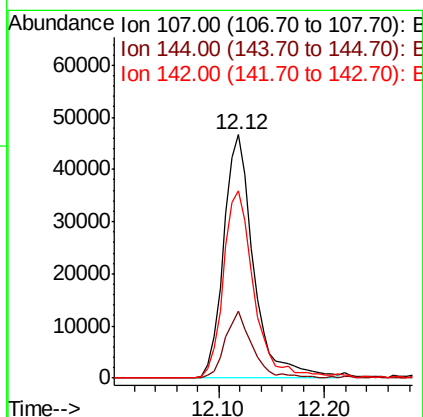
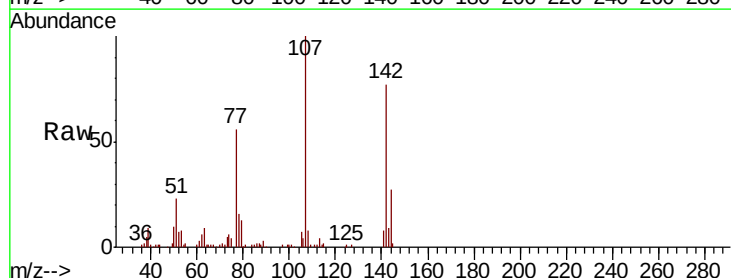
Instrument :
 BNA_G
 ClientSampleId :

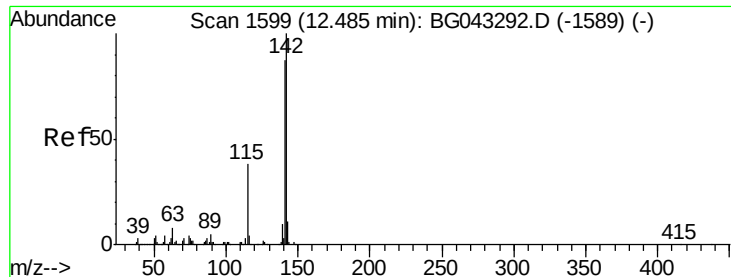
Tot Ion:113 Resp: 12931
 Ion Ratio Lower Upper
 113 100
 55 158.3 158.9 198.9#
 56 131.0 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.988 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion:107 Resp: 91522
 Ion Ratio Lower Upper
 107 100
 144 27.3 19.9 29.9
 142 77.1 62.1 93.1

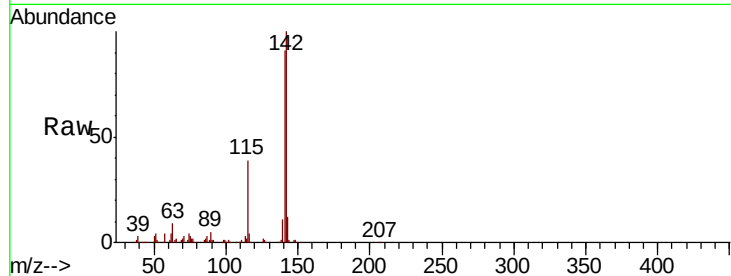




#37
2-Methylnaphthalene
Concen: 41.519 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	69.7	104.5
115	39.1	30.6	46.0

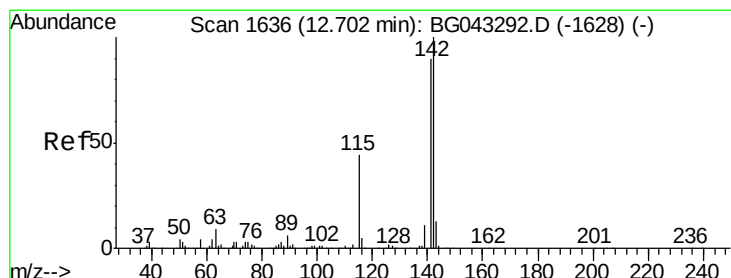
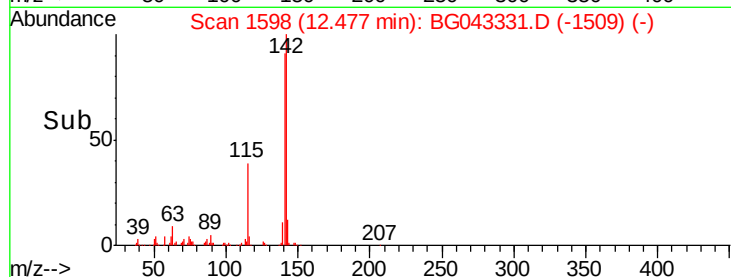
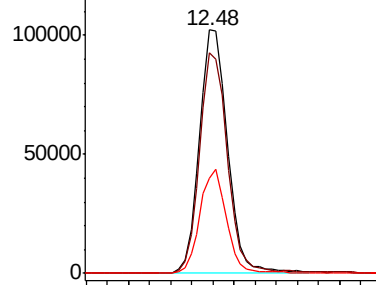


Abundance

Ion 142.00 (141.70 to 142.70): E

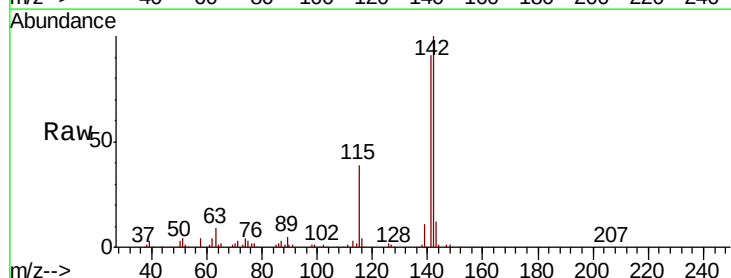
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.636 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.23 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5
116	4.4	3.8	5.6

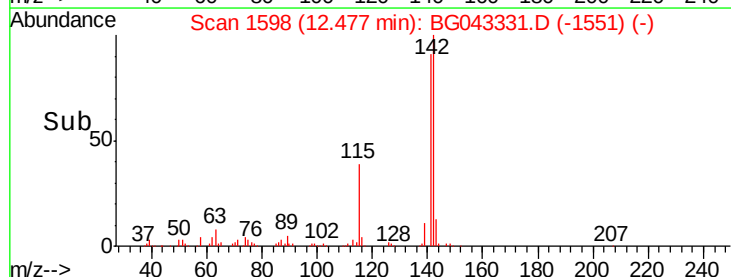
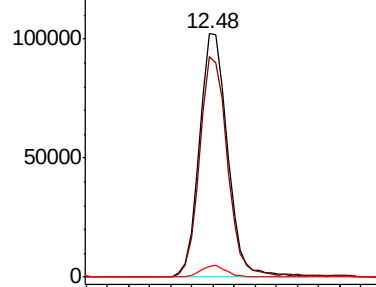


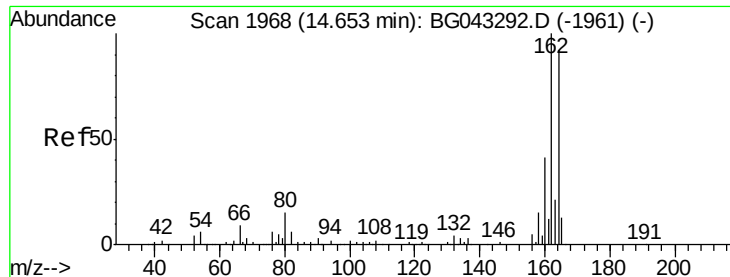
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

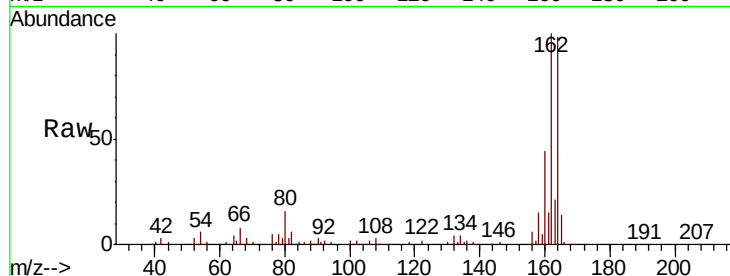
Tot Ion:164 Resp: 84575

Ion Ratio Lower Upper

164 100

162 102.3 87.0 130.4

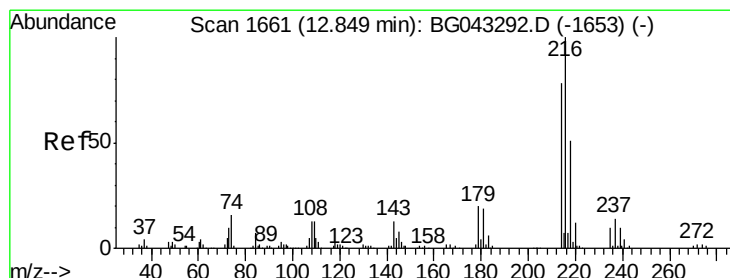
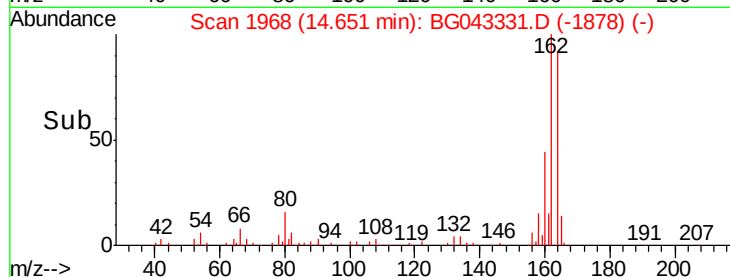
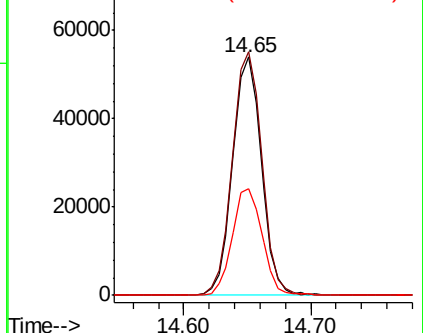
160 44.9 35.5 53.3



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: 39.259 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Tgt Ion:216 Resp: 122882

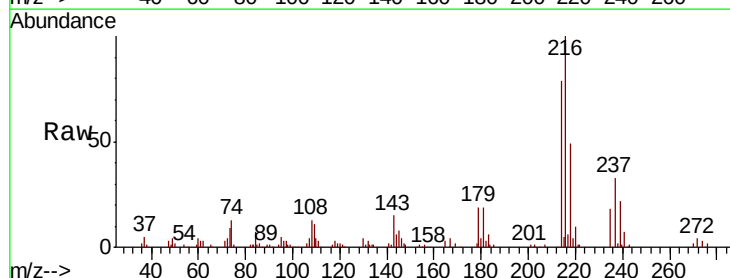
Ion Ratio Lower Upper

216 100

214 76.9 63.5 95.3

179 19.3 16.2 24.2

108 16.5 11.2 16.8

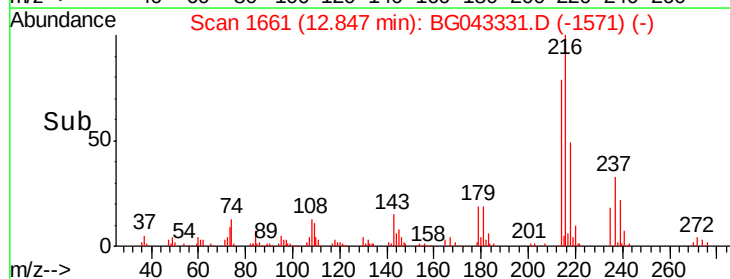
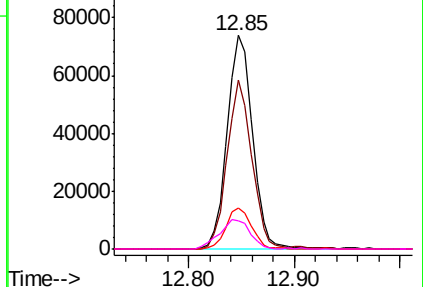


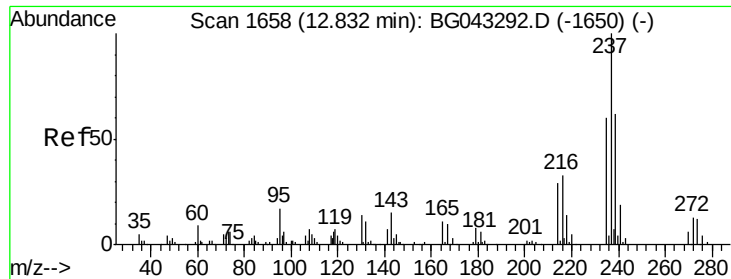
Abundance Ion 216.00 (215.70 to 216.70): E

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

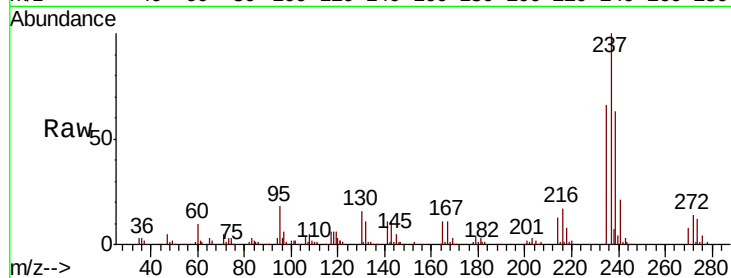




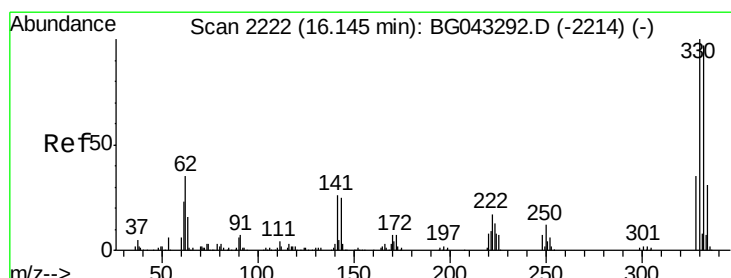
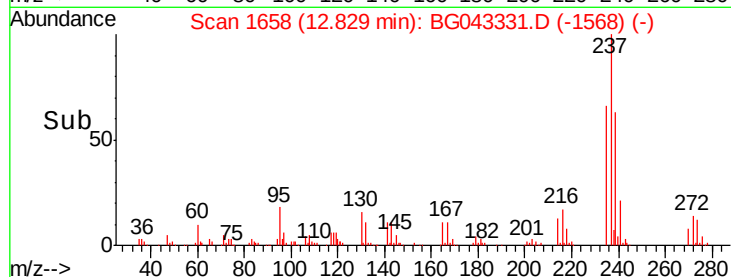
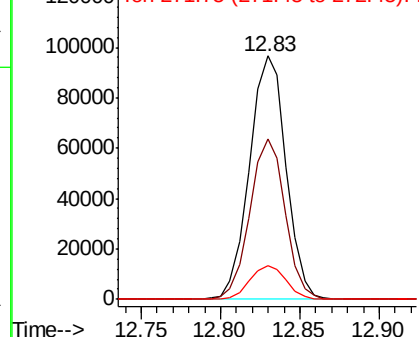
#41
Hexachlorocyclopentadiene
Concen: 93.856 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 154318
Ion Ratio Lower Upper
237 100
235 65.7 40.3 80.3
272 13.8 0.0 32.9

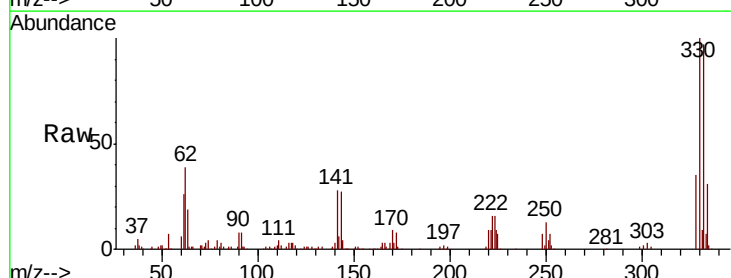


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

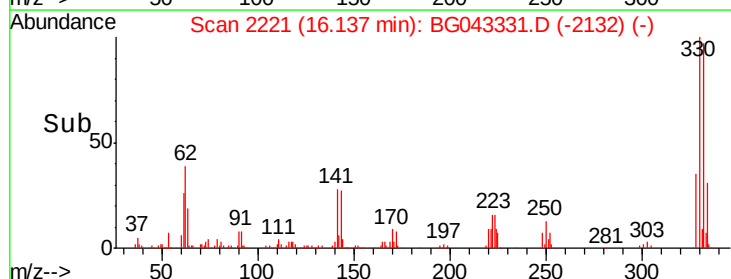
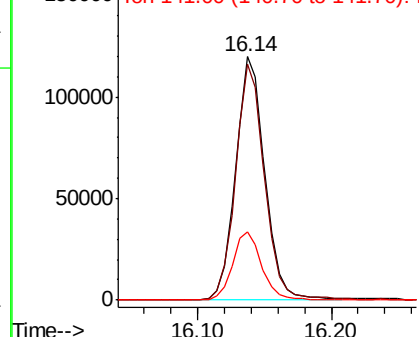


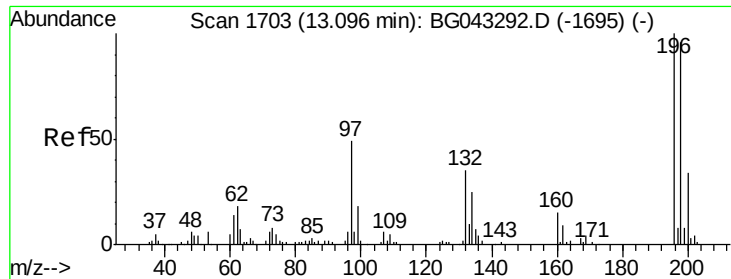
#42
2,4,6-Tribromophenol
Concen: 113.205 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:330 Resp: 182199
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 28.0 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

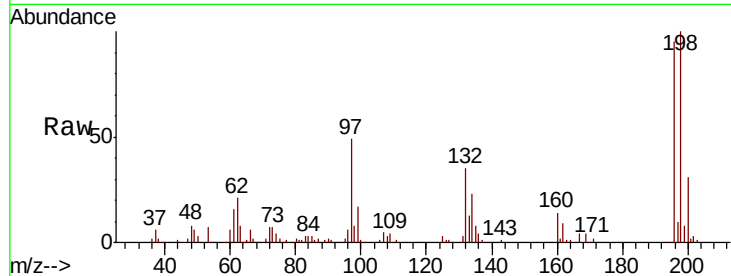




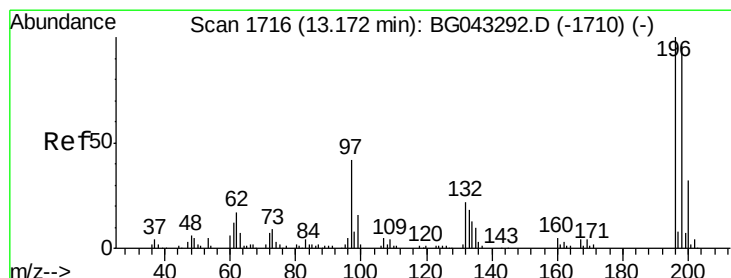
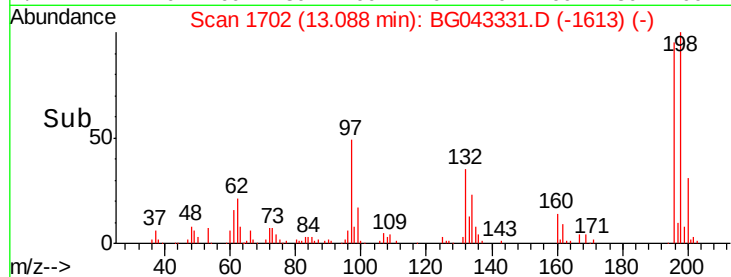
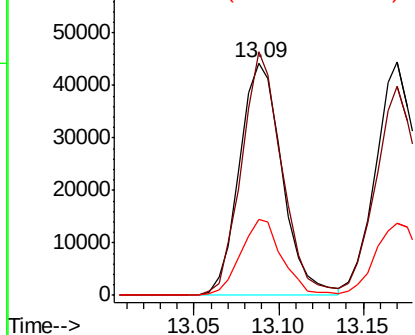
#43
 2,4,6-Trichlorophenol
 Concen: 42.297 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 77965
 Ion Ratio Lower Upper
 196 100
 198 104.7 77.0 115.4
 200 32.6 27.4 41.2

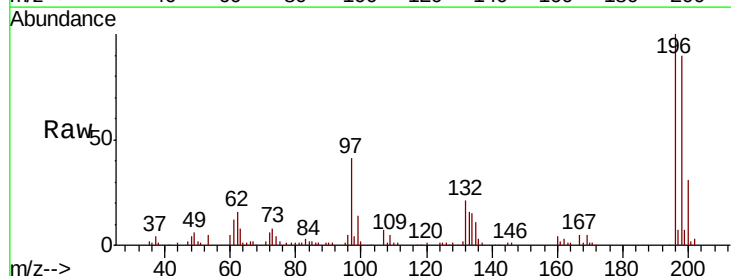


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

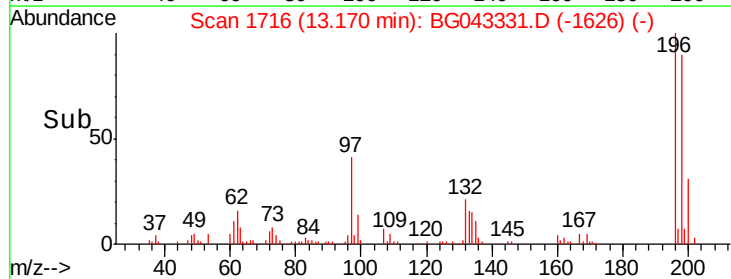
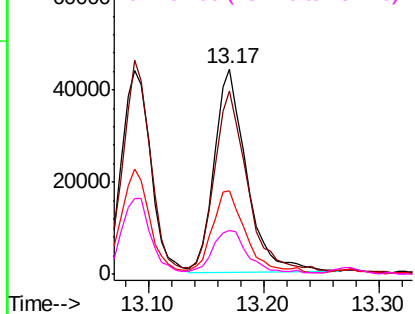


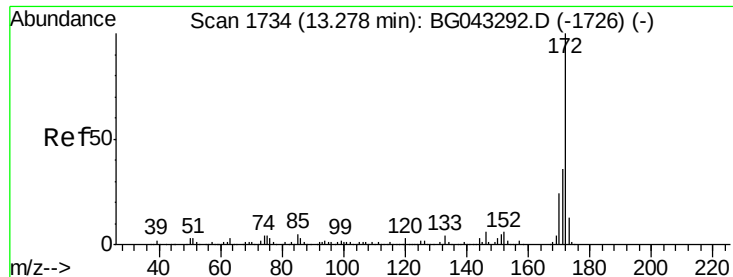
#44
 2,4,5-Trichlorophenol
 Concen: 46.120 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion:196 Resp: 85946
 Ion Ratio Lower Upper
 196 100
 198 89.6 76.6 114.8
 97 40.6 34.1 51.1
 132 21.2 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

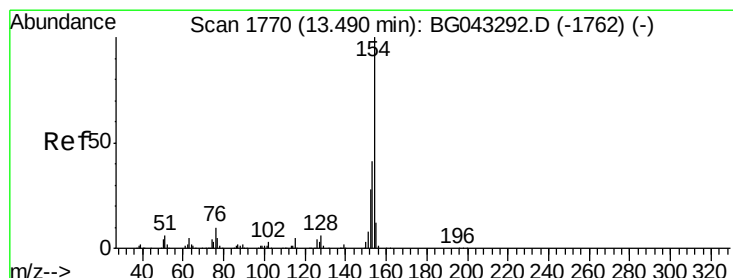
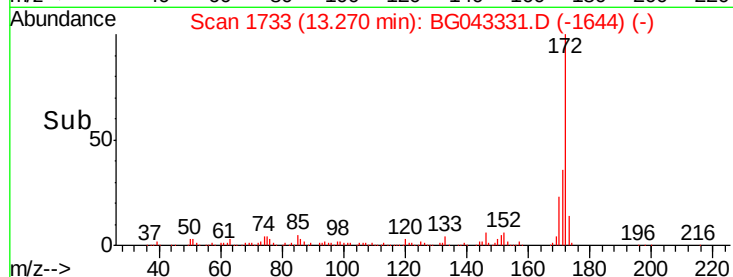
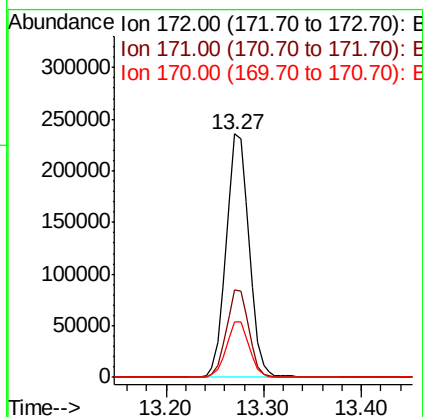
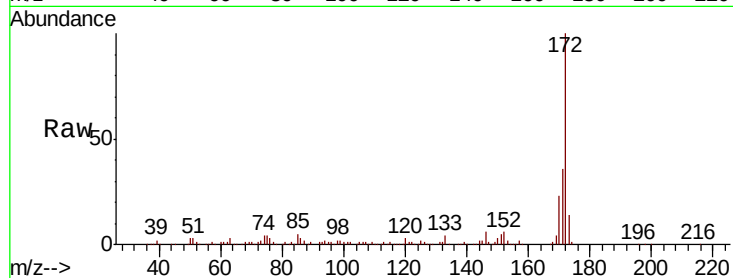




#45
 2-Fluorobiphenyl
 Concen: 62.908 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

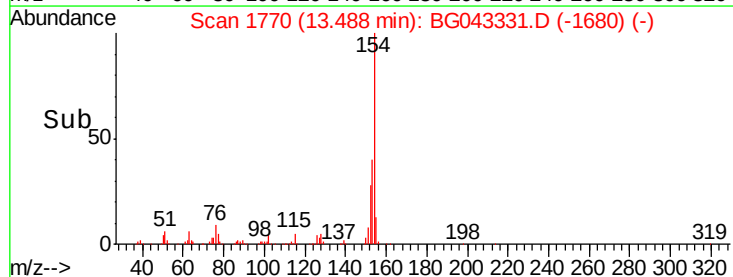
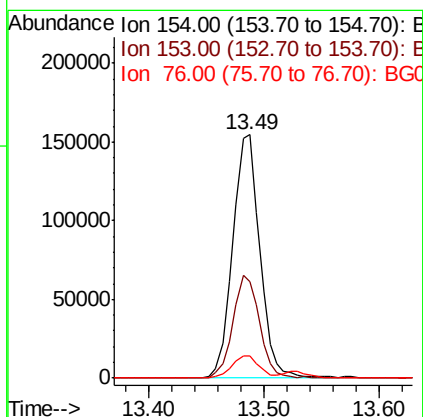
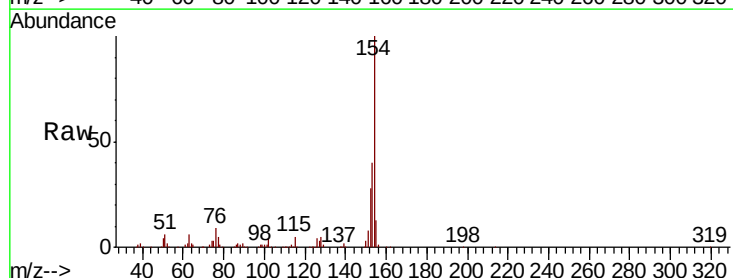
Instrument :
 BNA_G
 ClientSampleId :

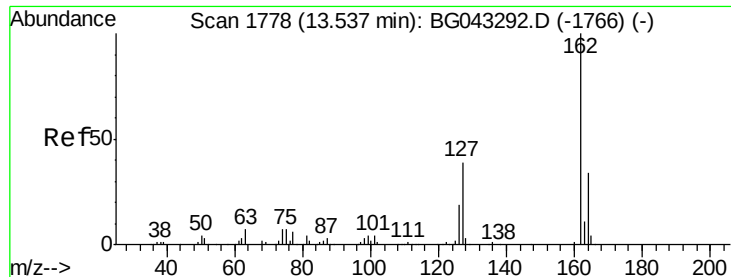
Tot Ion:172 Resp: 385038
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 22.9 18.8 28.2



#46
 1,1'-Biphenyl
 Concen: 39.076 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion:154 Resp: 251417
 Ion Ratio Lower Upper
 154 100
 153 39.5 21.0 61.0
 76 9.1 0.0 29.8





#47

2-Chloronaphthalene

Concen: 39.957 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

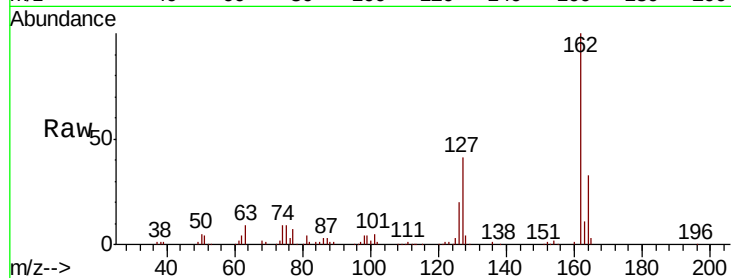
Tot Ion:162 Resp: 195608

Ion Ratio Lower Upper

162 100

127 40.7 31.3 46.9

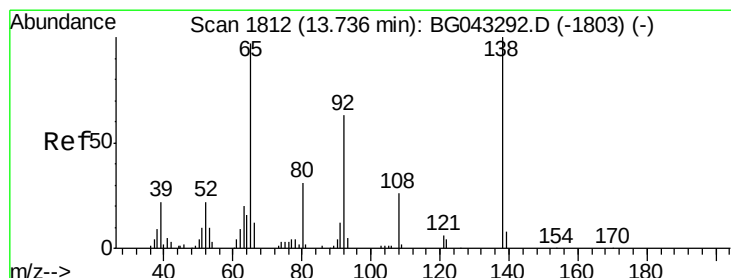
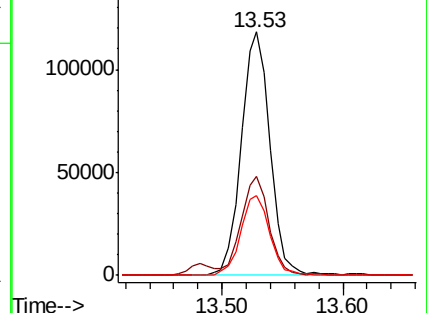
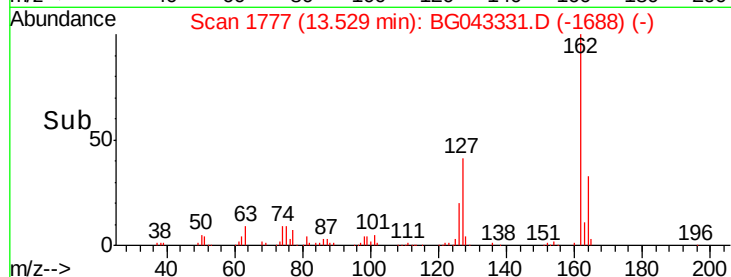
164 32.6 26.8 40.2



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: 39.930 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

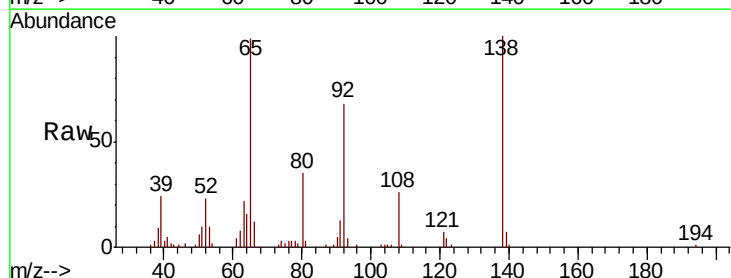
Tgt Ion: 65 Resp: 58424

Ion Ratio Lower Upper

65 100

92 68.7 52.6 79.0

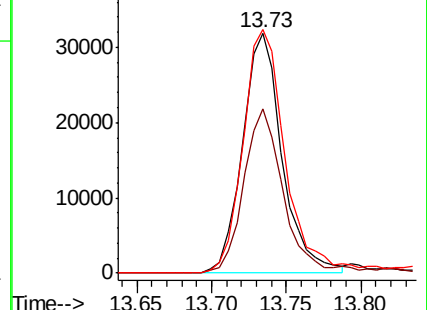
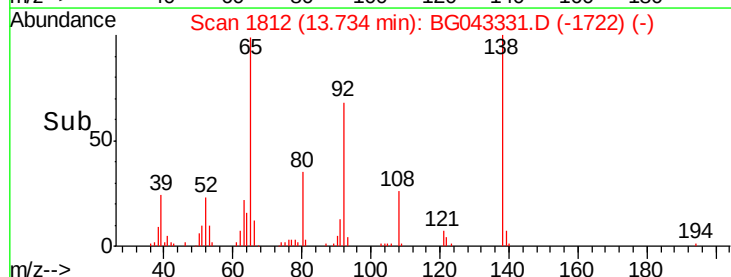
138 101.5 82.9 124.3

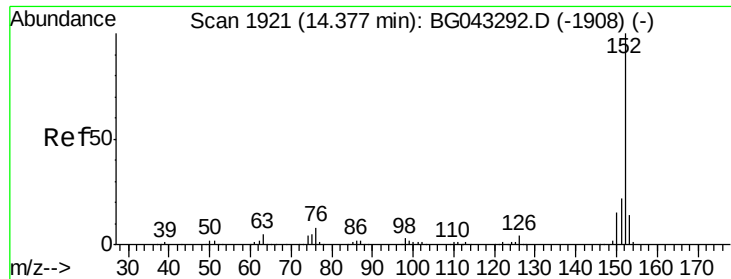


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.508 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

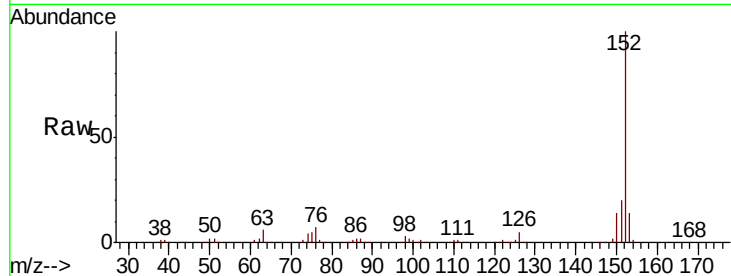
Tot Ion:152 Resp: 323873

Ion Ratio Lower Upper

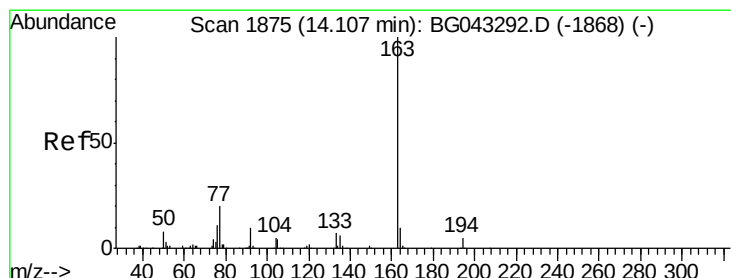
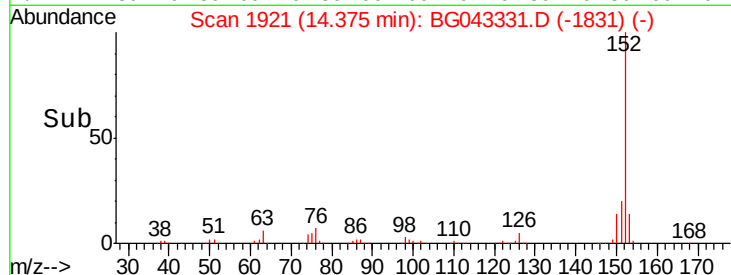
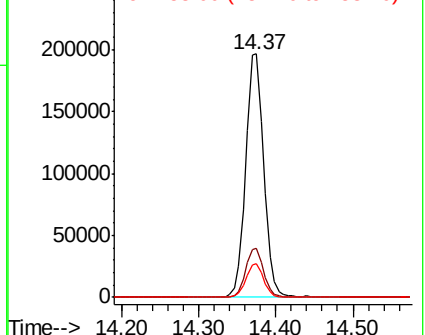
152 100

151 20.0 17.2 25.8

153 13.9 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: 40.987 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

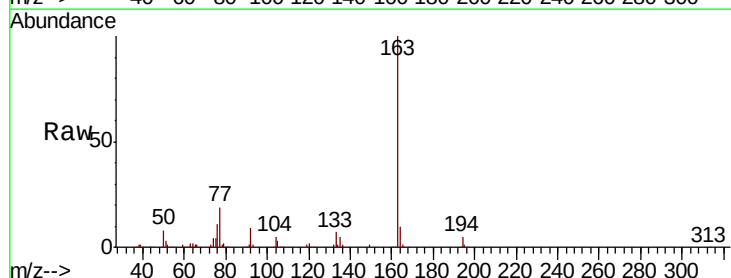
Tgt Ion:163 Resp: 268502

Ion Ratio Lower Upper

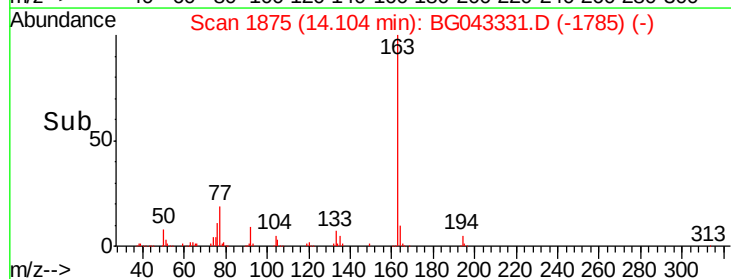
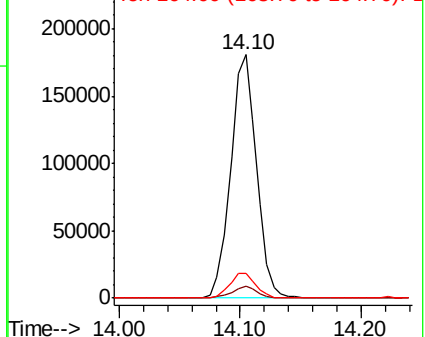
163 100

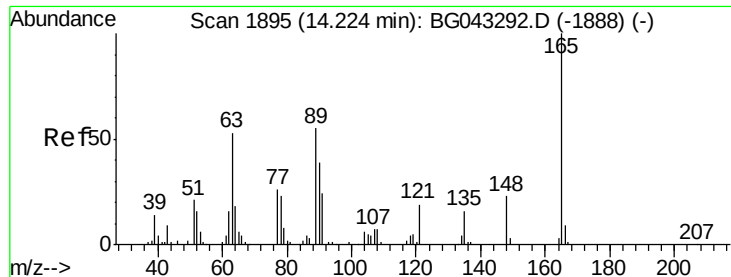
194 4.8 3.7 5.5

164 10.0 8.1 12.1



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

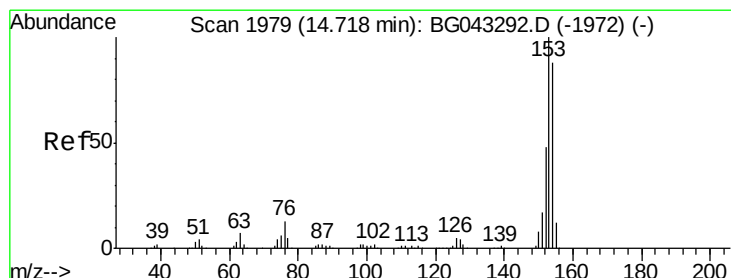
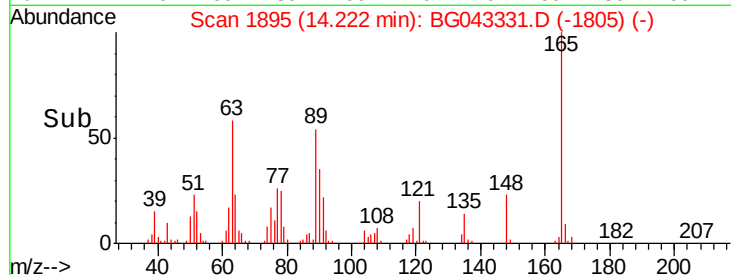
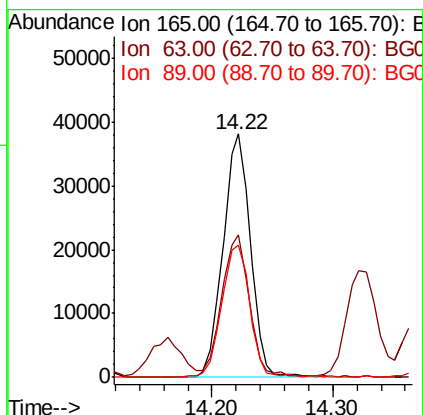
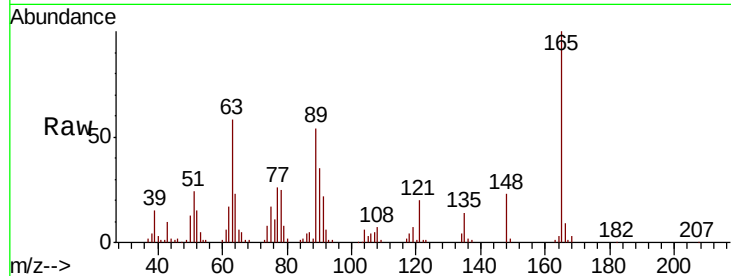




#51
 2,6-Dinitrotoluene
 Concen: 42.018 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

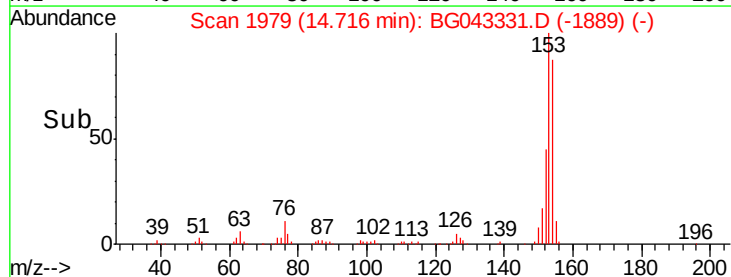
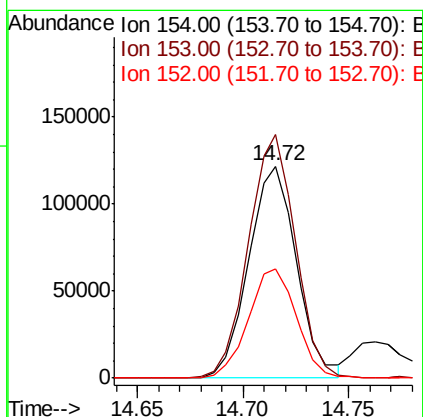
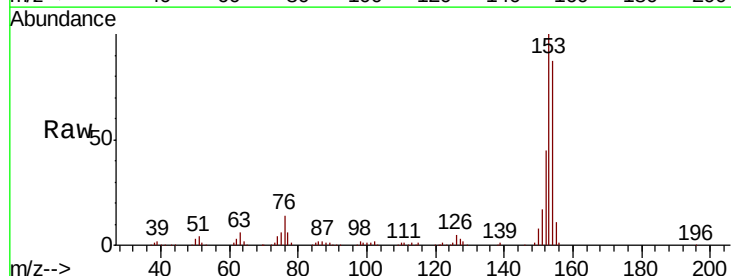
Instrument :
 BNA_G
 ClientSampled :

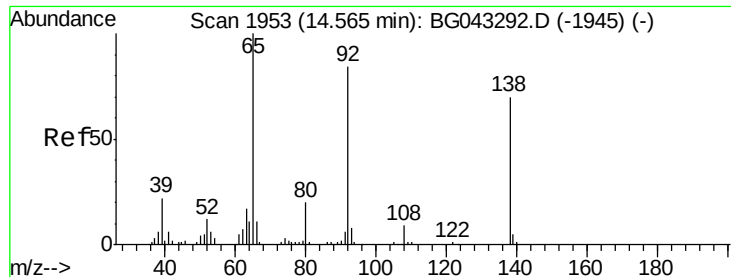
Tot Ion:165 Resp: 59799
 Ion Ratio Lower Upper
 165 100
 63 58.4 47.1 70.7
 89 54.1 43.7 65.5



#52
 Acenaphthene
 Concen: 41.362 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion:154 Resp: 192183
 Ion Ratio Lower Upper
 154 100
 153 114.7 90.9 136.3
 152 51.6 43.9 65.9





#53

3-Nitroaniline

Concen: 27.505 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

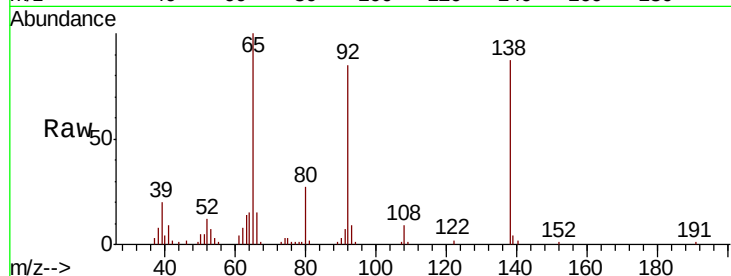
Tot Ion:138 Resp: 37793

Ion Ratio Lower Upper

138 100

108 10.5 9.8 14.6

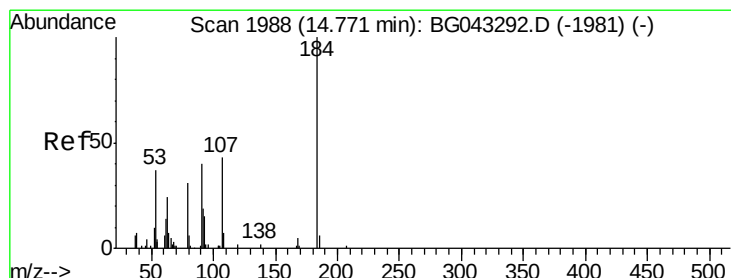
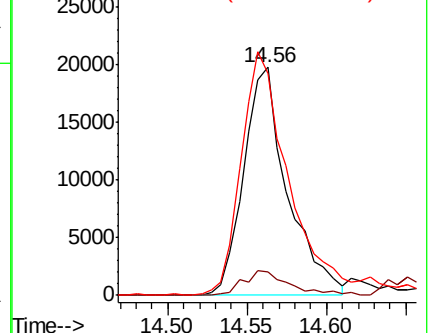
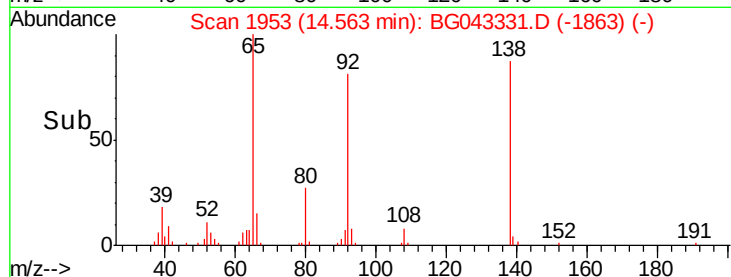
92 97.2 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 70.181 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

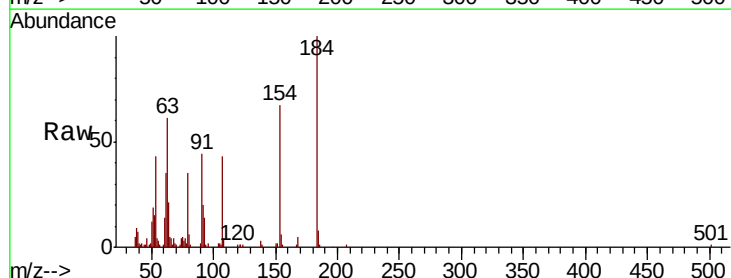
Tgt Ion:184 Resp: 61496

Ion Ratio Lower Upper

184 100

63 60.5 48.8 73.2

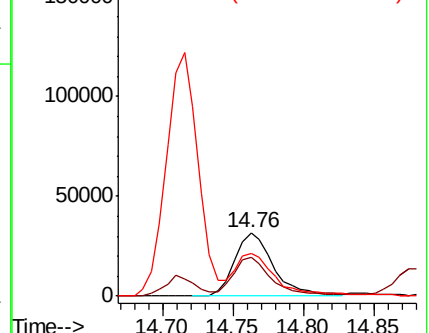
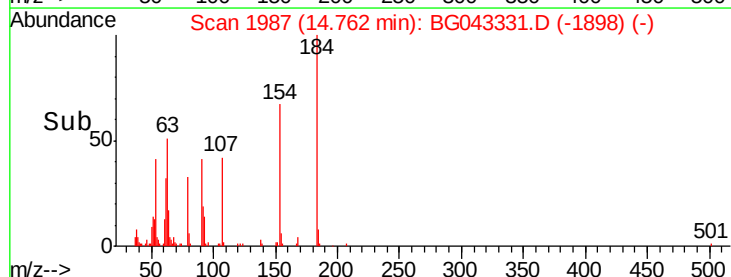
154 66.5 49.4 74.0

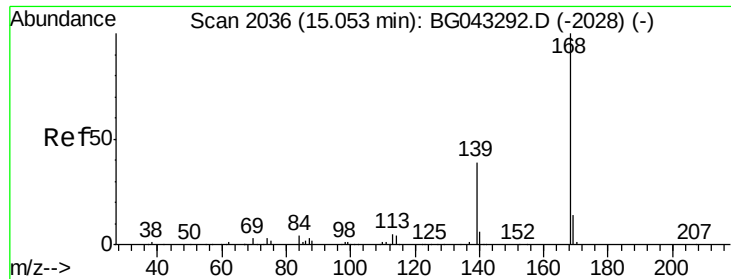


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

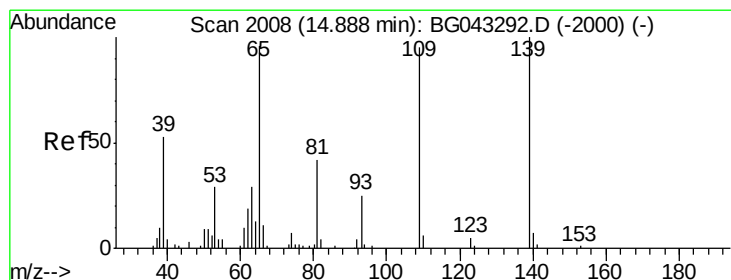
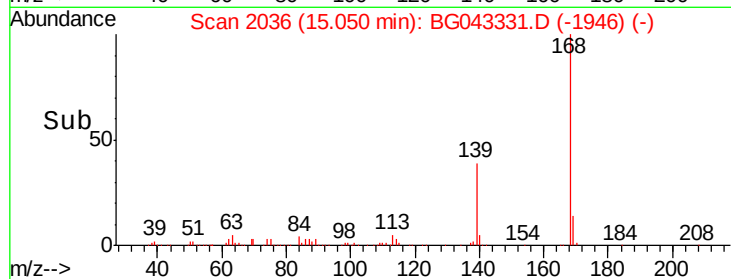
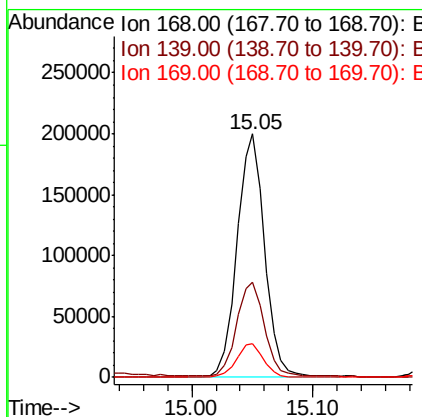
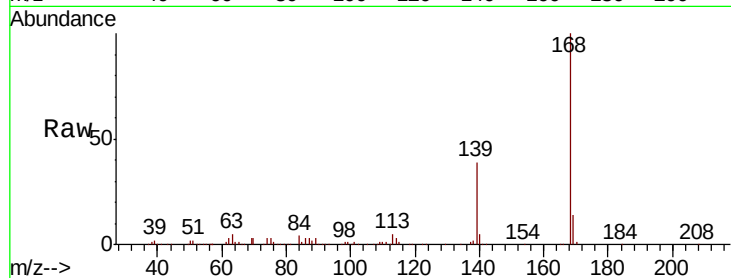




#55
Dibenzenofuran
Concen: 42.279 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

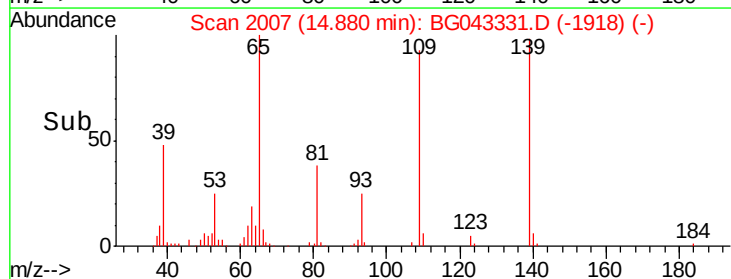
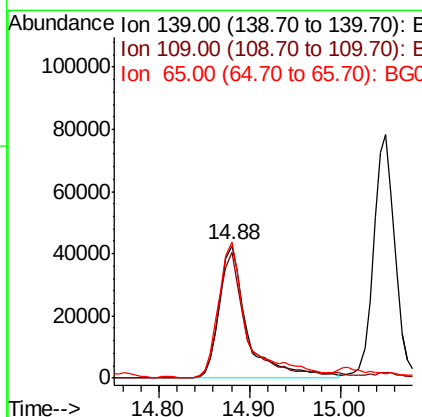
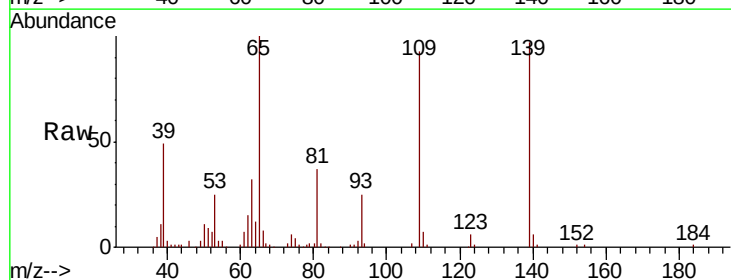
Instrument :
BNA_G
ClientSampled :

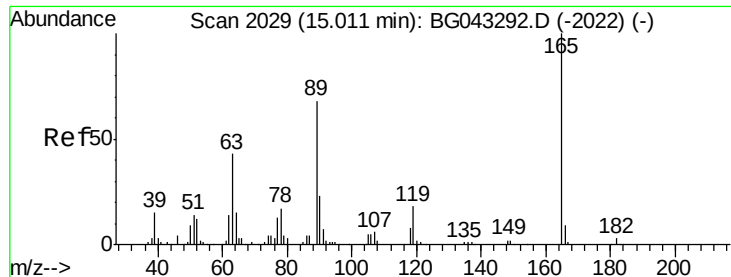
Tot Ion:168 Resp: 318565
Ion Ratio Lower Upper
168 100
139 39.2 31.7 47.5
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 99.406 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:139 Resp: 91532
Ion Ratio Lower Upper
139 100
109 95.4 75.4 115.4
65 102.6 76.6 116.6

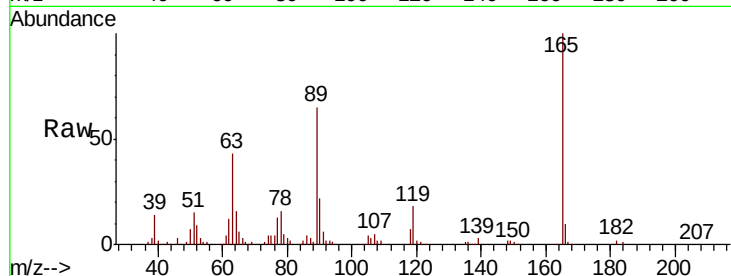




#57
2,4-Dinitrotoluene
Concen: 42.626 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	165	Resp	86697
Ion Ratio	Lower	Upper	
165	100		
63	43.1	35.0	52.6
89	64.8	54.1	81.1
182	2.3	2.2	3.2



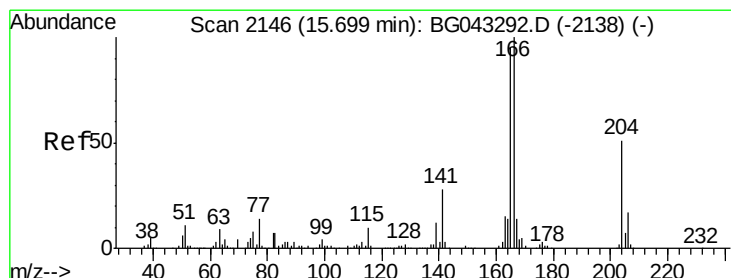
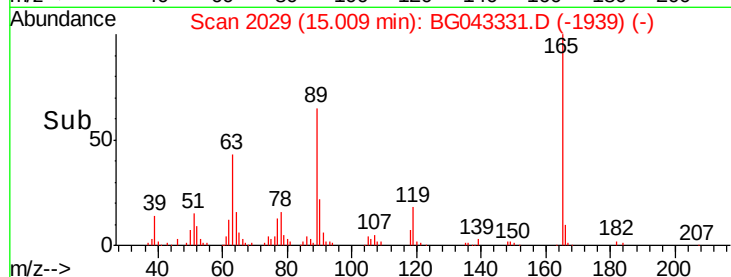
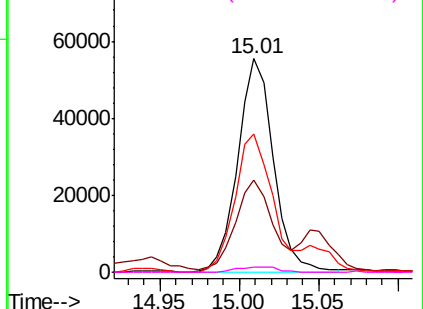
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

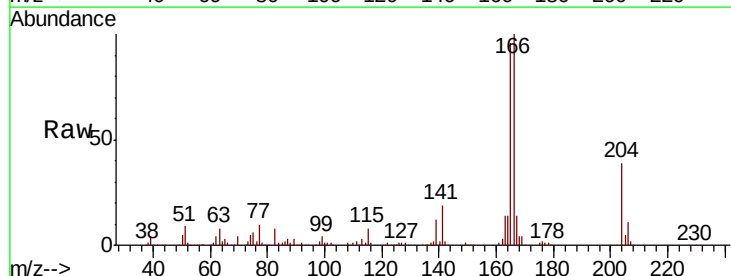
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.333 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	166	Resp	267528
Ion Ratio	Lower	Upper	
166	100		
165	95.5	76.4	114.6
167	13.8	11.1	16.7

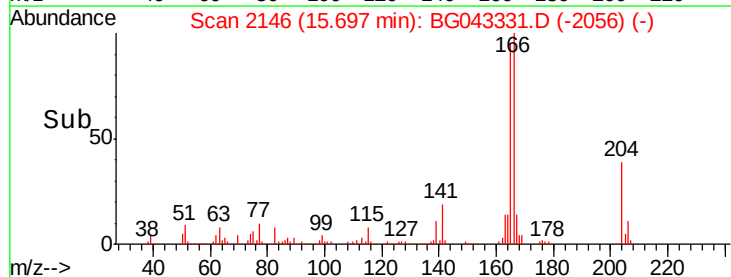
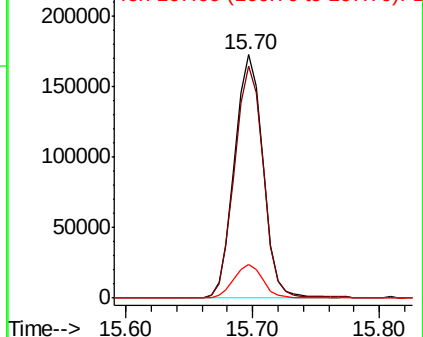


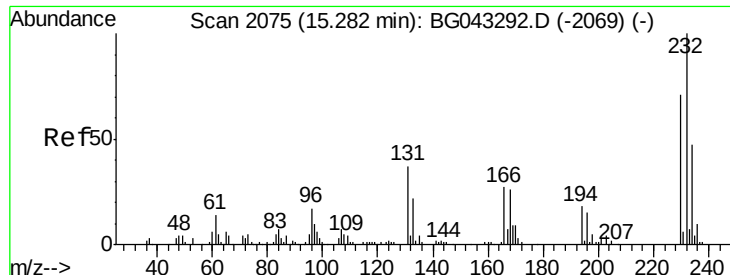
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

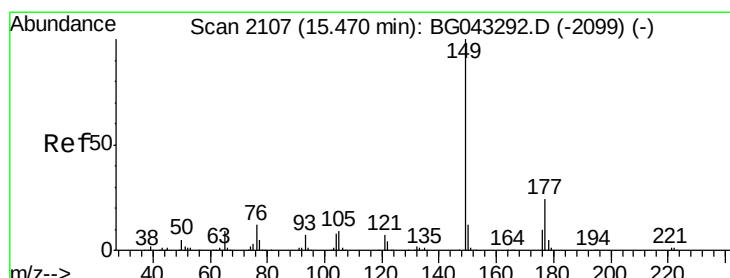
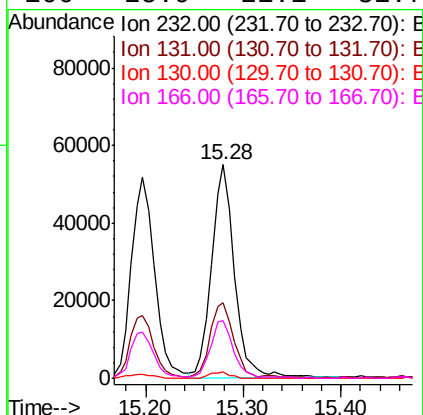
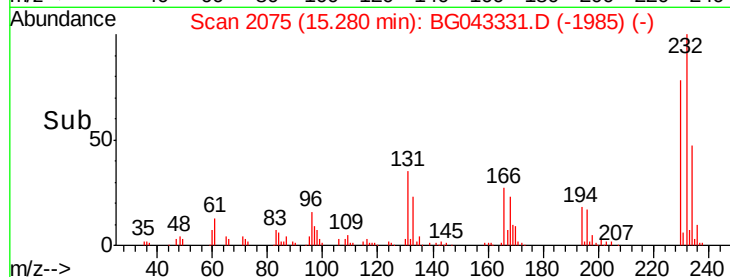
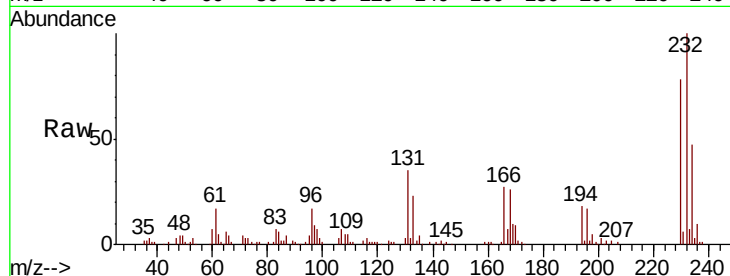




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.340 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

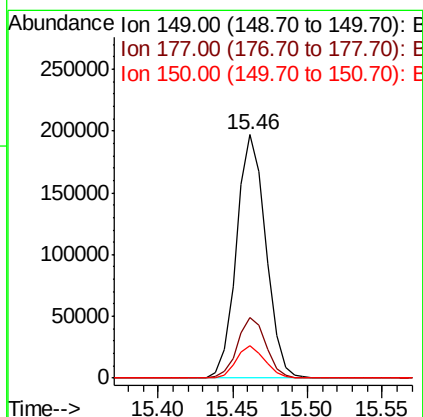
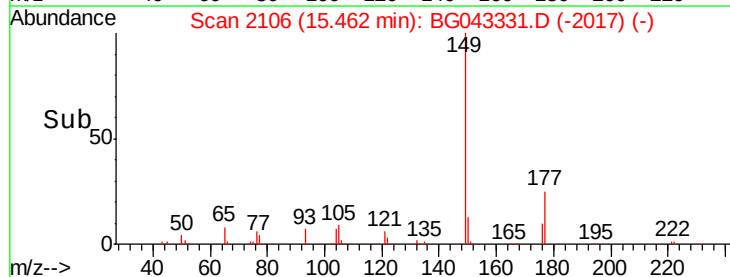
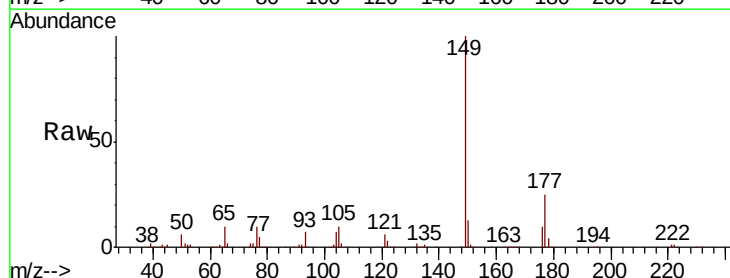
Instrument :
 BNA_G
 ClientSampleId :

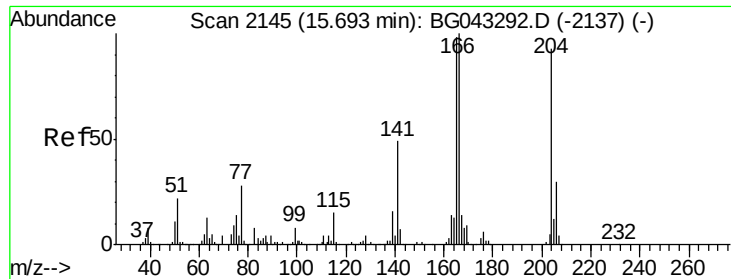
Tot Ion	Ratio	Lower	Upper
232	100		
131	37.2	28.7	43.1
130	2.3	0.6	0.8
166	25.9	21.1	31.7



#60
 Diethylphthalate
 Concen: 41.069 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.0	28.4
150	13.3	9.4	14.0

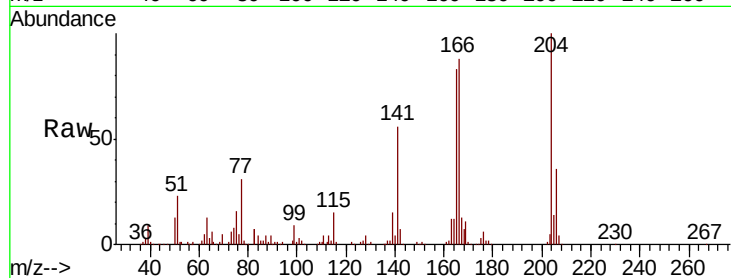




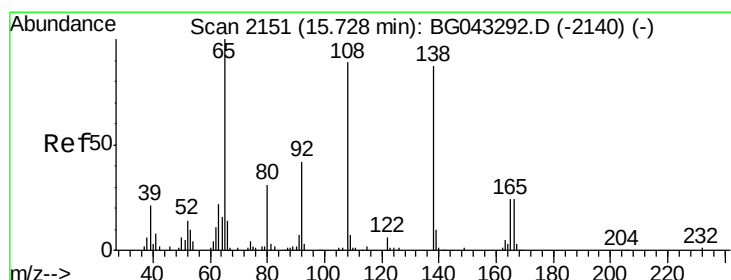
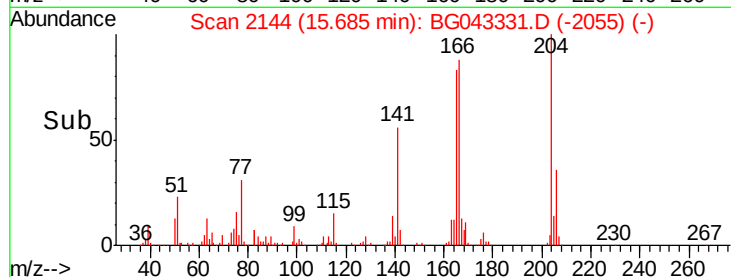
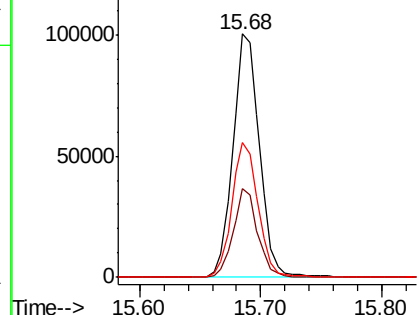
#61
4-Chlorophenyl-phenylether
Concen: 41.378 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 152546
Ion Ratio Lower Upper
204 100
206 36.4 25.7 38.5
141 55.6 42.3 63.5

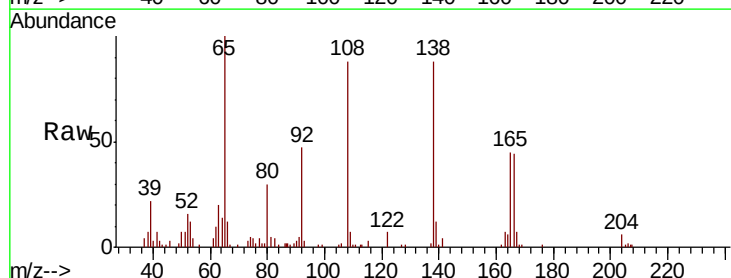


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

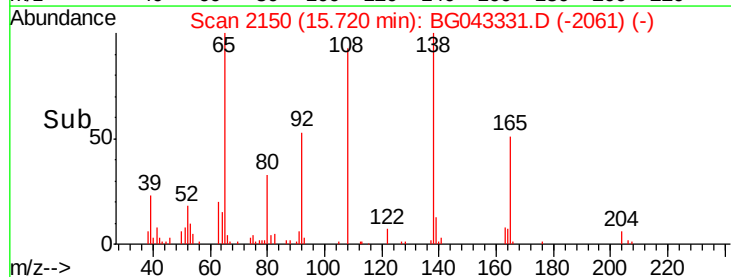
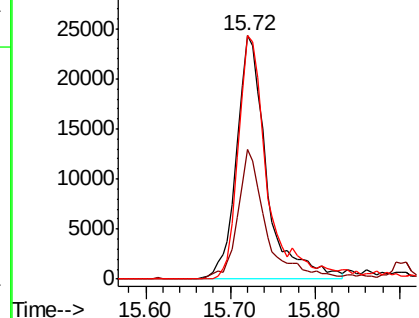


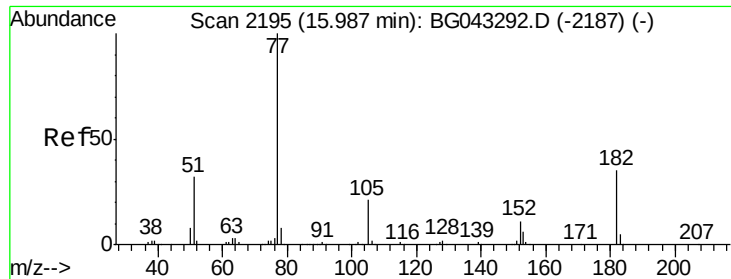
#62
4-Nitroaniline
Concen: 41.884 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:138 Resp: 59435
Ion Ratio Lower Upper
138 100
92 53.5 28.8 68.8
108 100.0 82.7 122.7



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

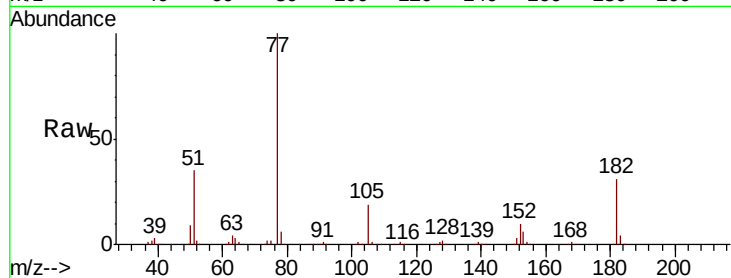




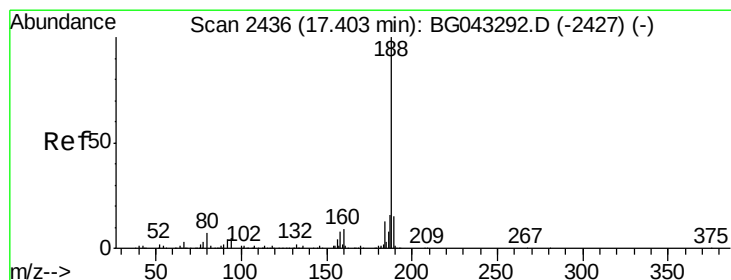
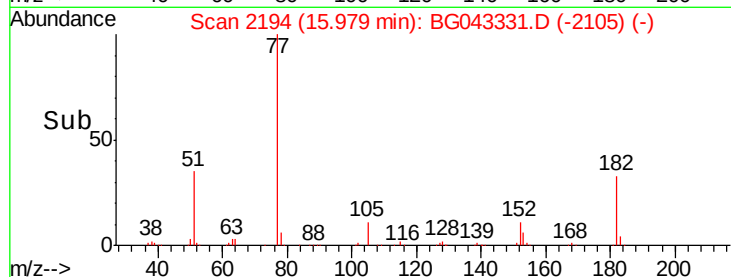
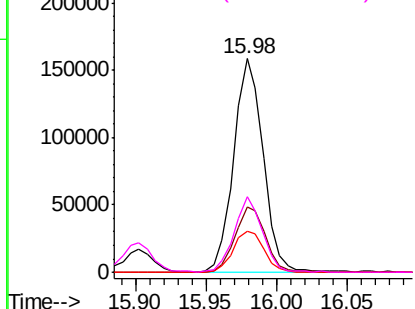
#63
Azobenzene
Concen: 43.135 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	229789
Ion	Ratio	Lower	Upper
77	100		
182	30.8	14.9	54.9
105	19.5	0.6	40.6
51	35.1	12.5	52.5

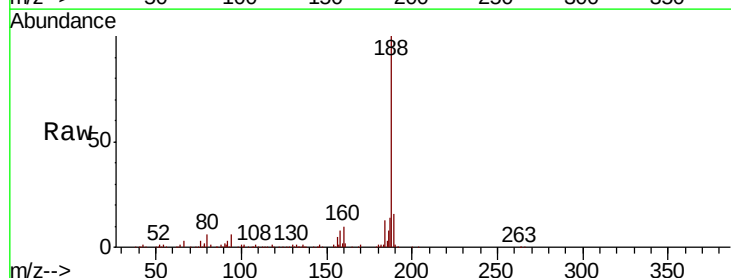


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

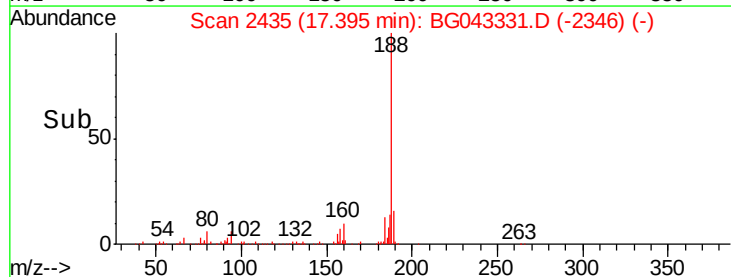
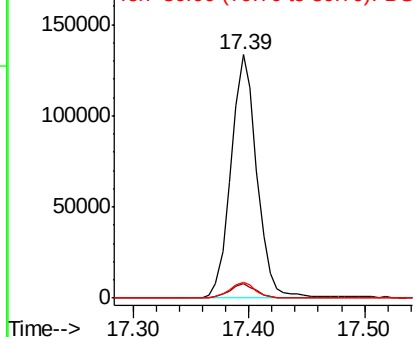


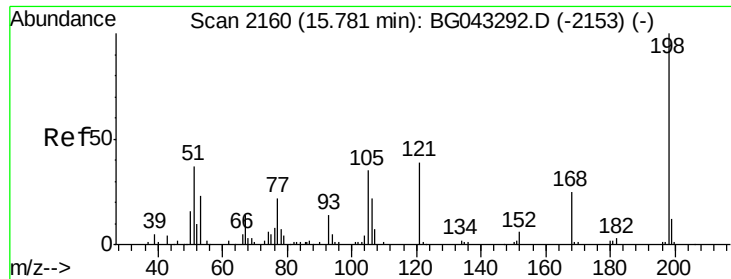
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:	188	Resp:	207807
Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	6.5	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: 41.607 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

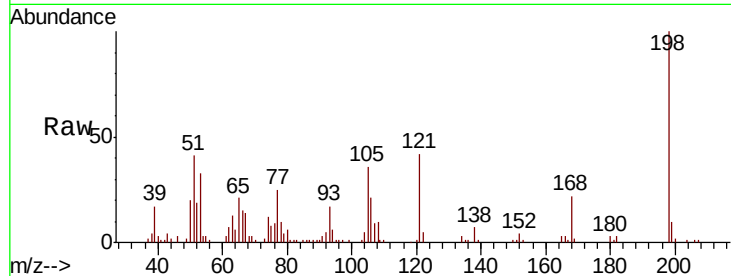
ClientSampleId :

Tot Ion:198 Resp: 50883

Ion	Ratio	Lower	Upper
198	100		
51	41.4	21.4	61.4
105	36.5	16.5	56.5

51 41.4 21.4 61.4

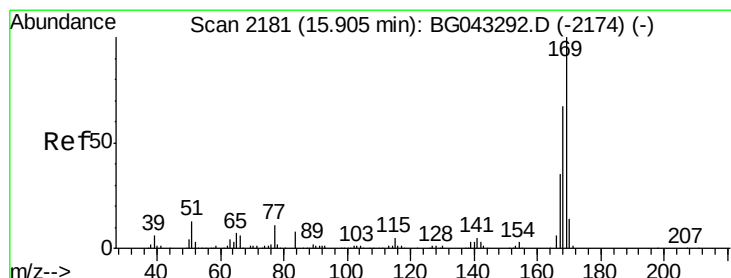
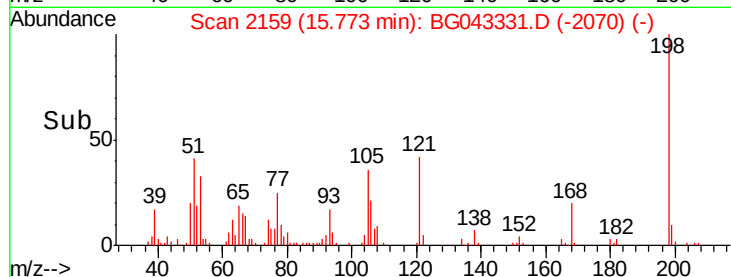
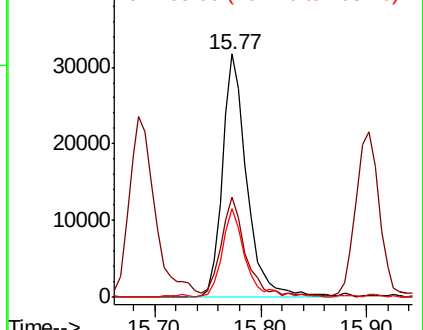
105 36.5 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043331.D (-2070) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.416 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043331.D

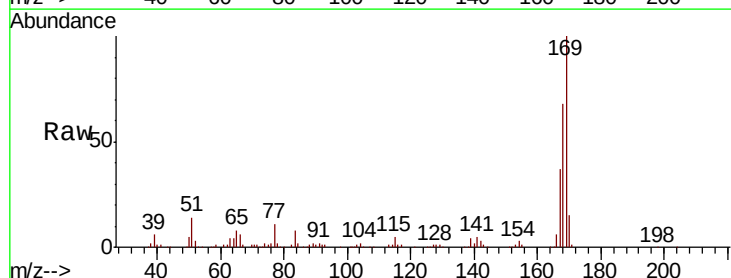
Acq: 24 Oct 2019 14:58

Tgt Ion:169 Resp: 237116

Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	36.6	28.3	42.5

168 68.0 53.9 80.9

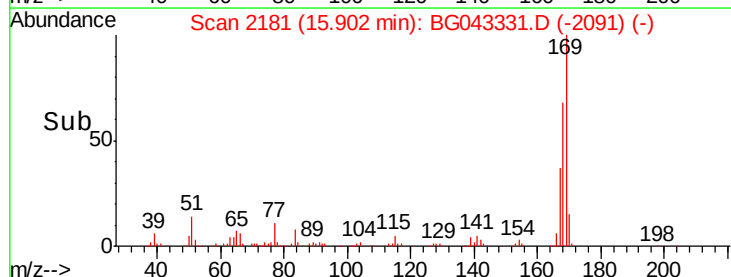
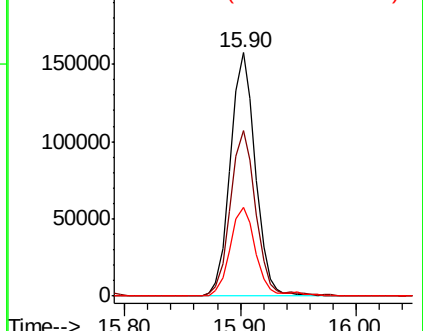
167 36.6 28.3 42.5

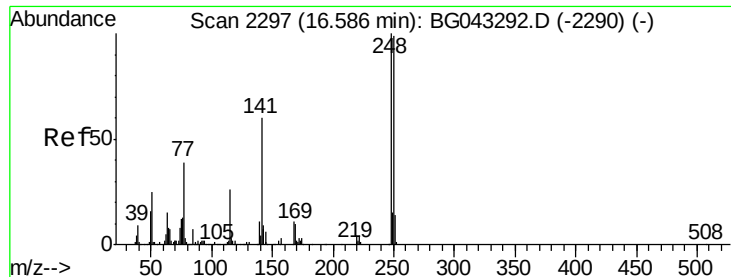


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

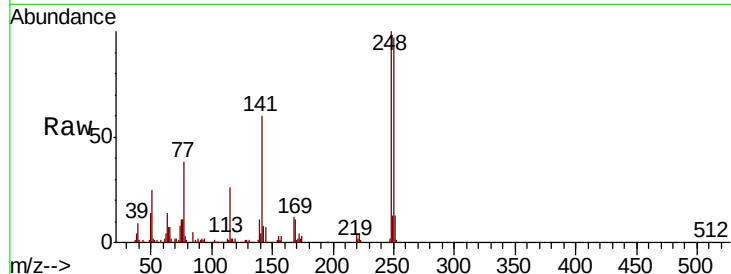




#67
4-Bromophenyl-phenylether
Concen: 38.803 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.3	118.9
141	59.8	47.9	71.9

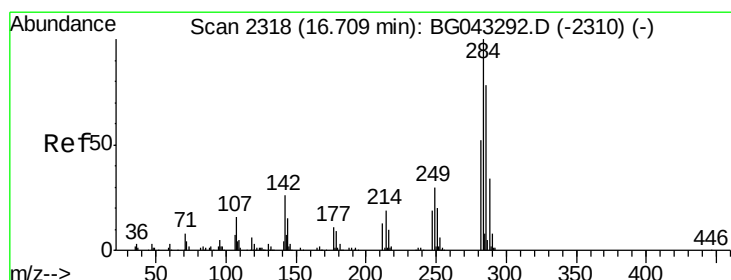
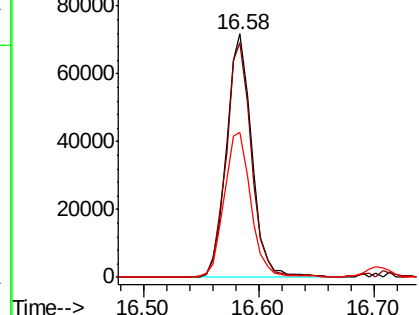
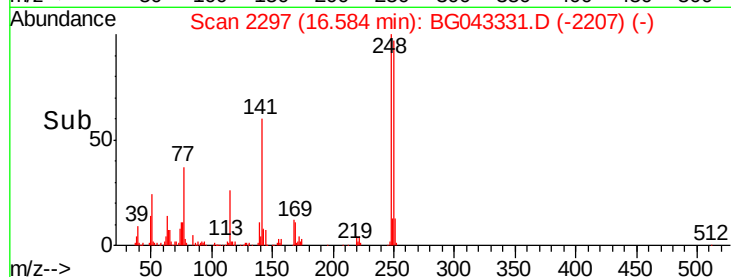


Abundance

Ion 248.00 (247.70 to 248.70): E

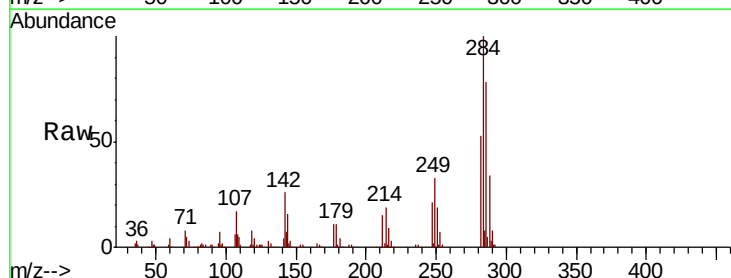
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.567 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.9	21.1	31.7
249	32.5	24.4	36.6

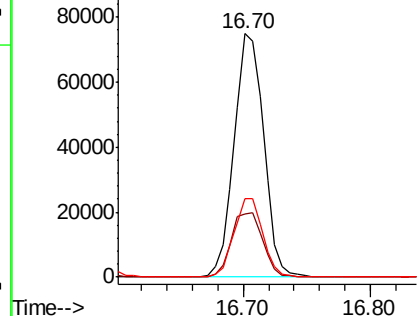
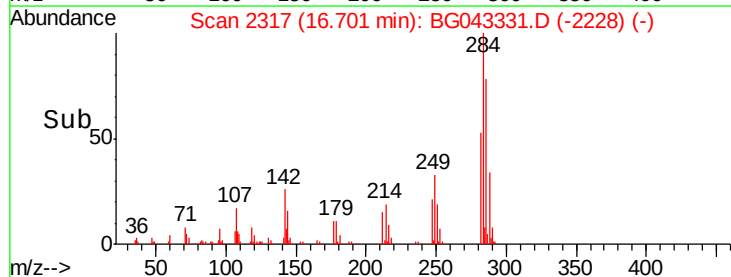


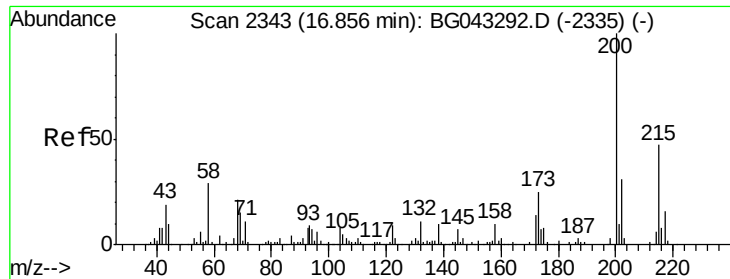
Abundance

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

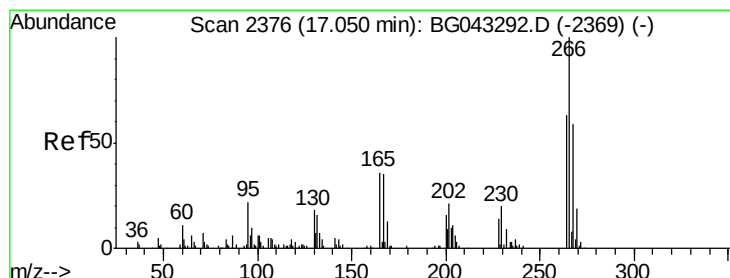
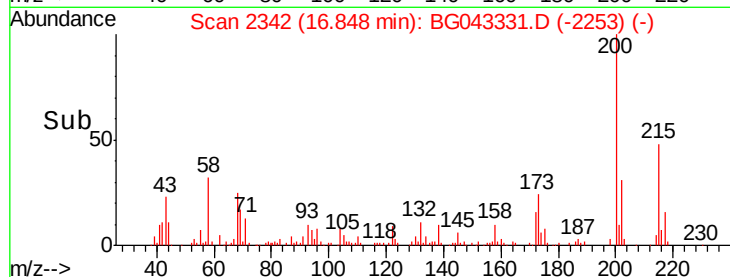
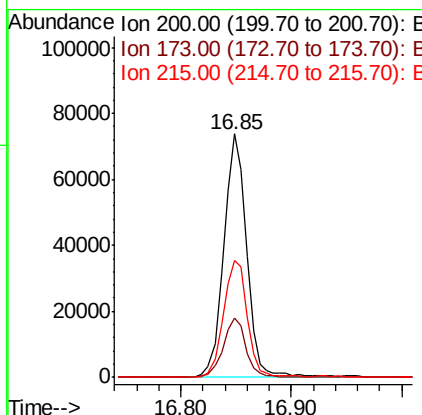
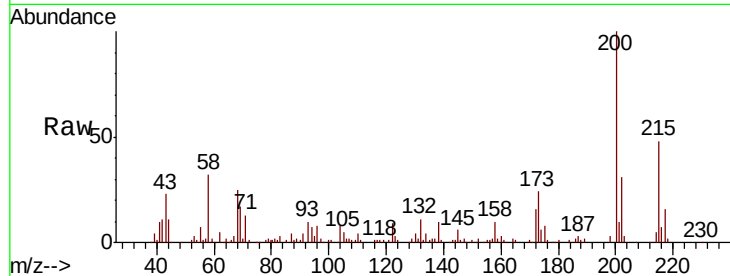




#69
 Atrazine
 Concen: 52.555 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

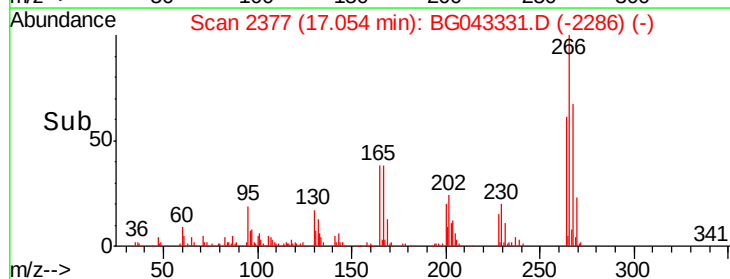
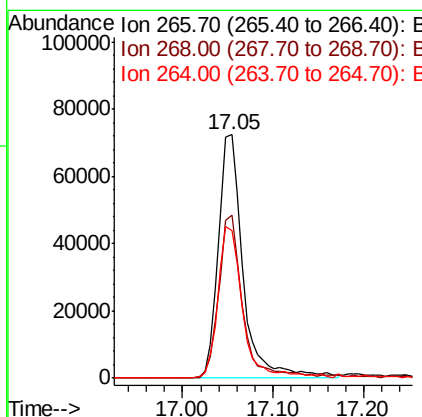
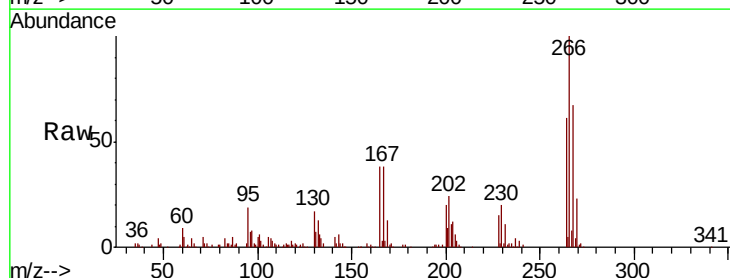
Instrument :
 BNA_G
 ClientSampled :

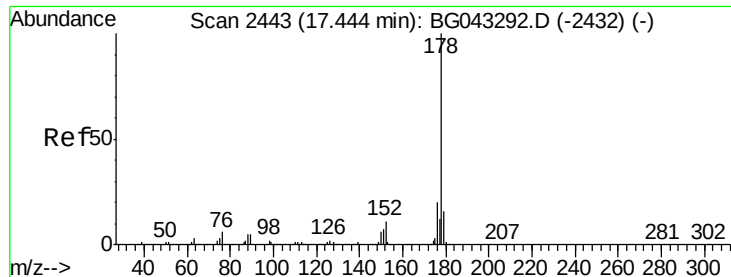
Tot Ion:200 Resp: 107141
 Ion Ratio Lower Upper
 200 100
 173 24.2 5.1 45.1
 215 47.8 26.6 66.6



#70
 Pentachlorophenol
 Concen: 93.637 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion:266 Resp: 136967
 Ion Ratio Lower Upper
 266 100
 268 66.8 47.1 70.7
 264 60.7 50.4 75.6

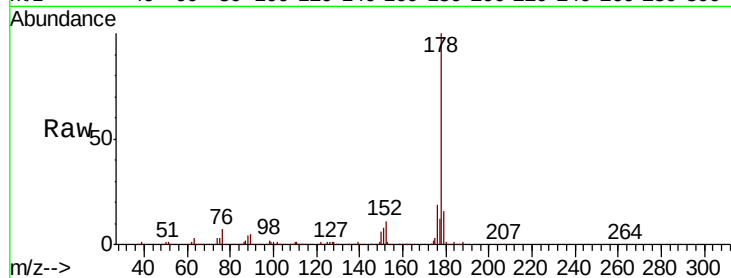




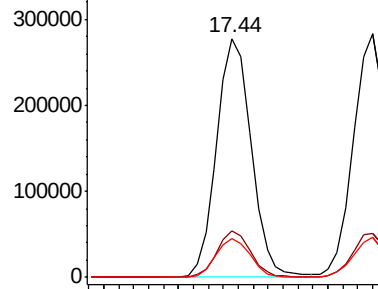
#71
Phenanthrene
Concen: 42.008 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

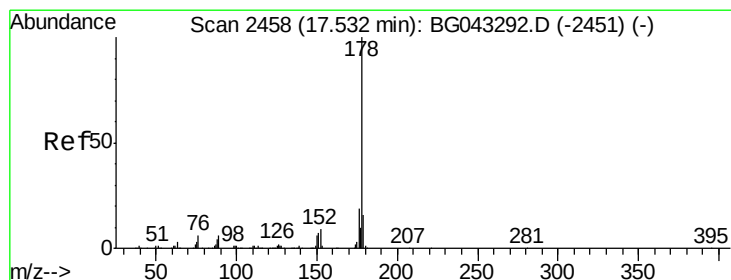
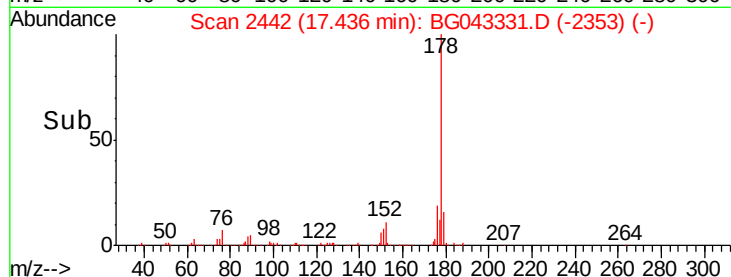
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.5	13.1	19.7



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

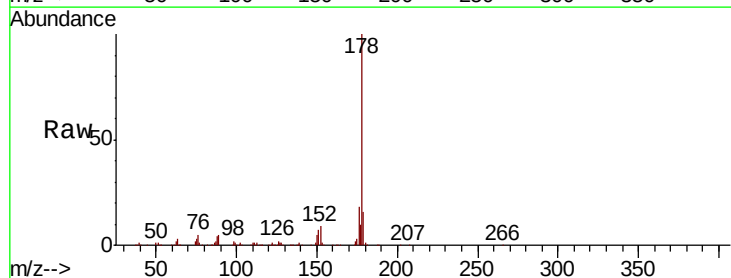


Time-->

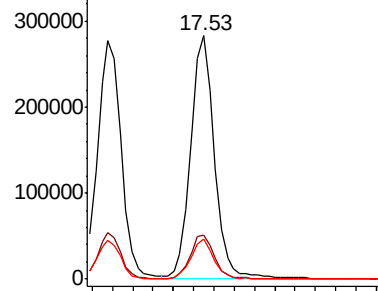


#72
Anthracene
Concen: 43.088 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

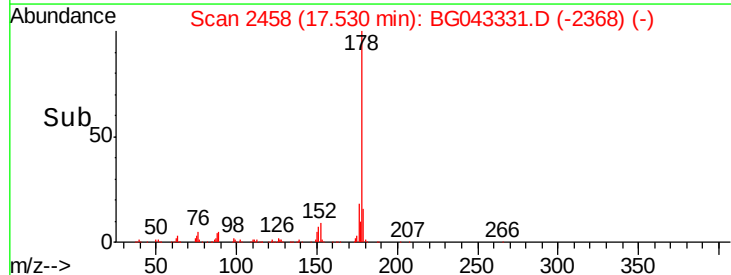
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.1	22.7
179	16.4	13.0	19.6

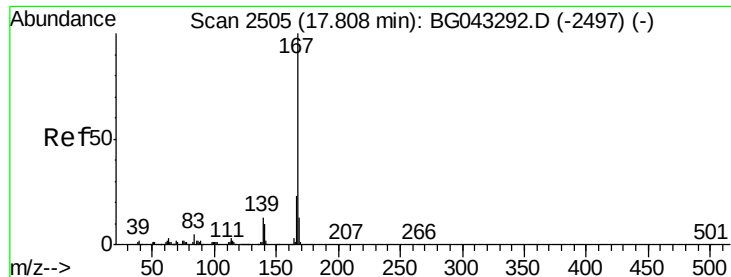


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

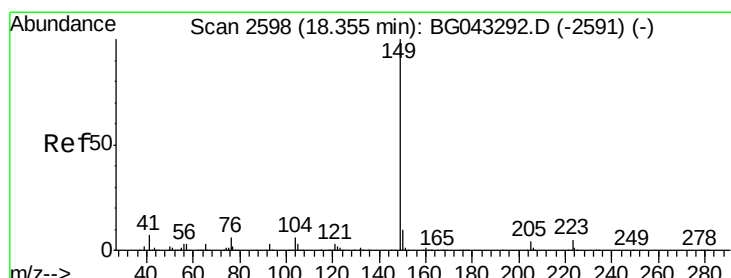
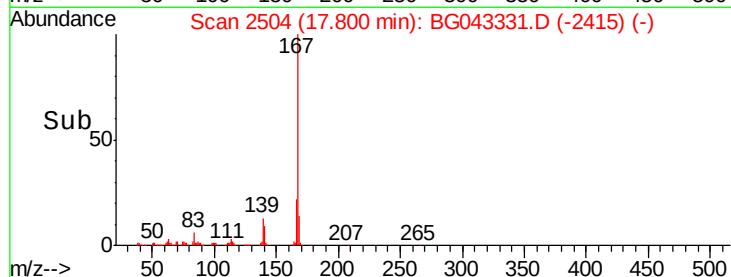
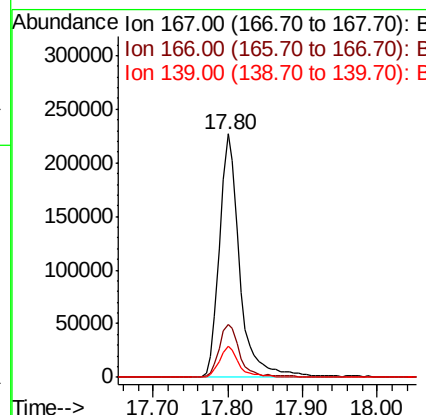
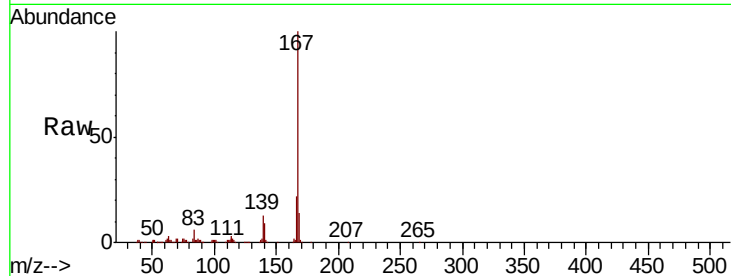




#73
 Carbazole
 Concen: 44.428 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

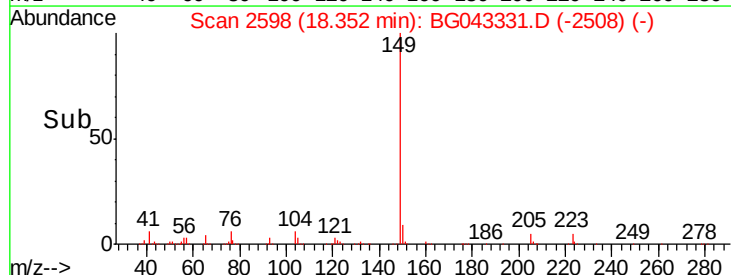
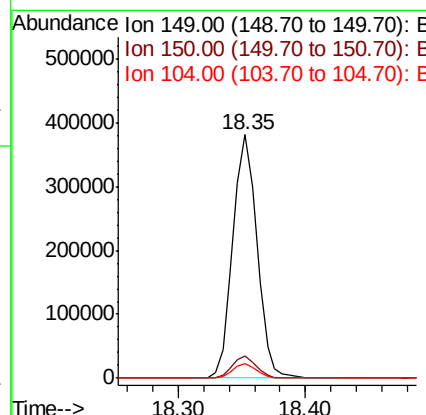
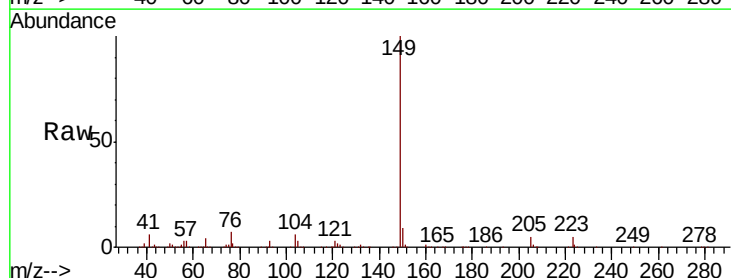
Instrument :
 BNA_G
 ClientSampleId :

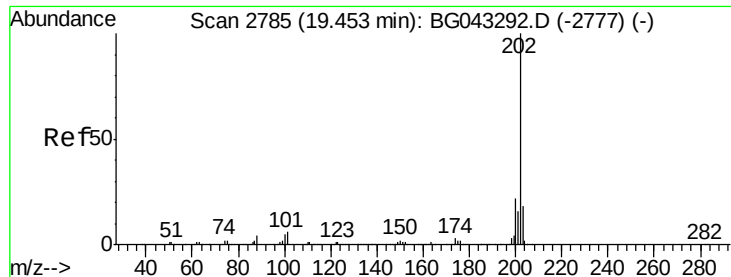
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.4	27.6
139	12.8	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 43.108 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043331.D
 Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 45.268 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampled :

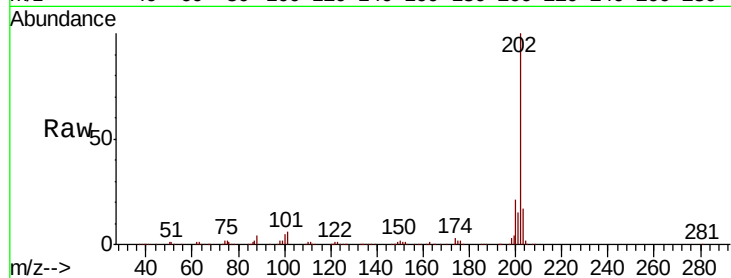
Tot Ion:202 Resp: 628000

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.0

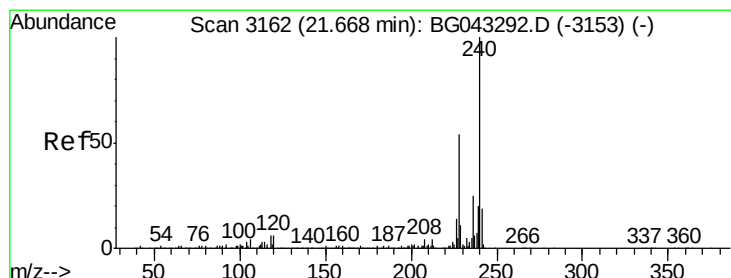
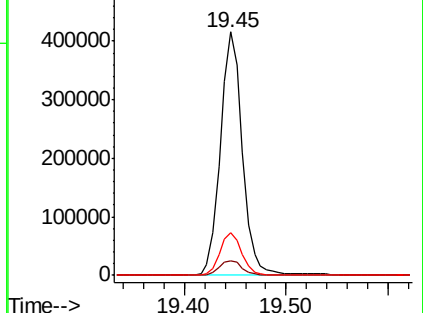
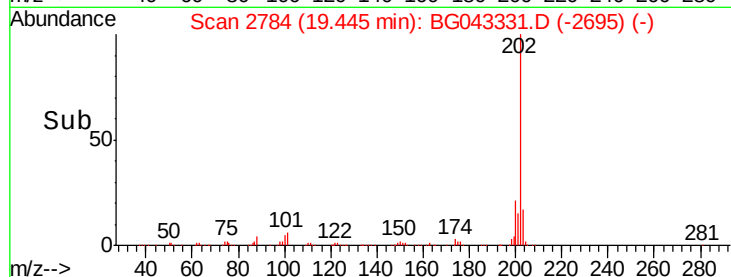
203 17.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

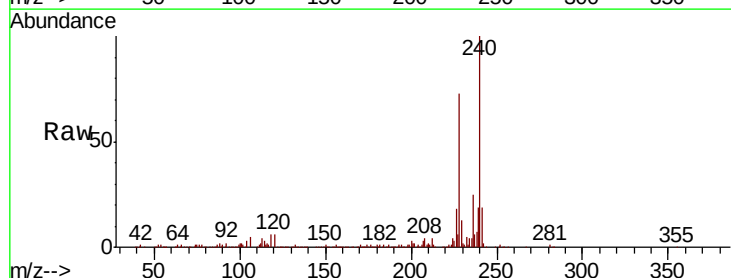
Tgt Ion:240 Resp: 262192

Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

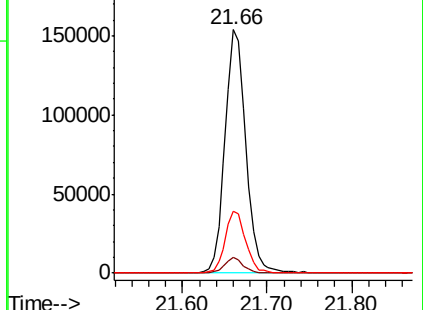
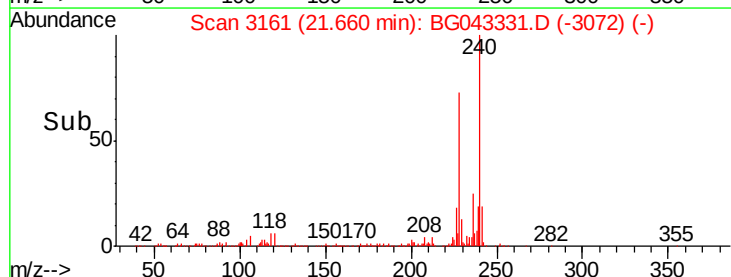
236 25.4 20.2 30.4

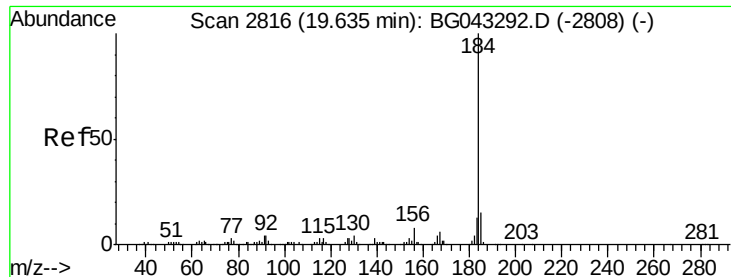


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.120 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

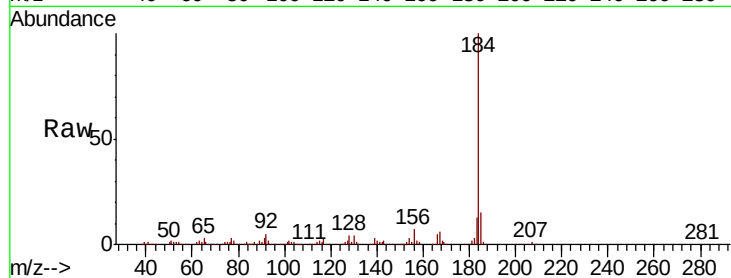
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 348897

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.6
183	12.6	10.6	16.0

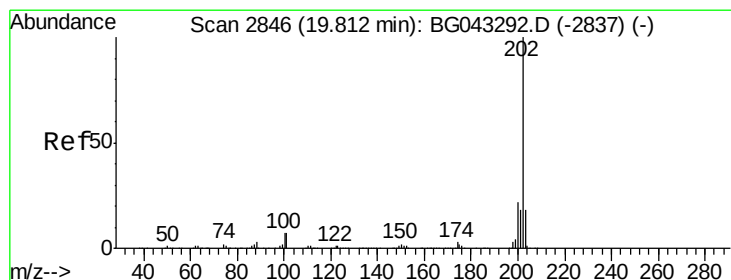
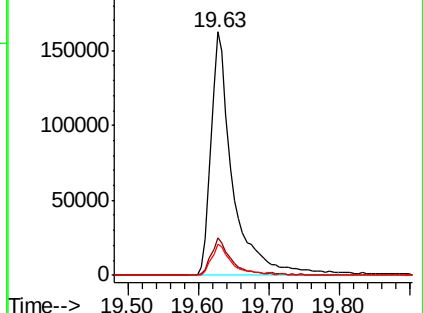
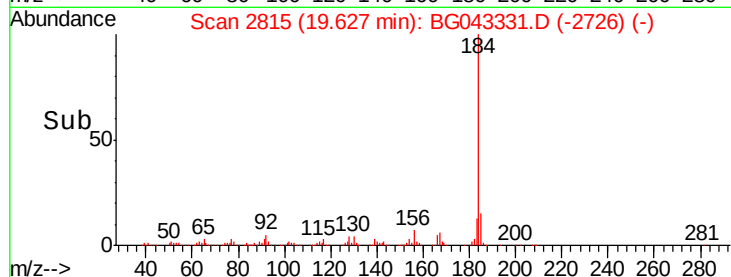


Abundance

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: 39.394 ng

RT: 19.81 min Scan# 2846

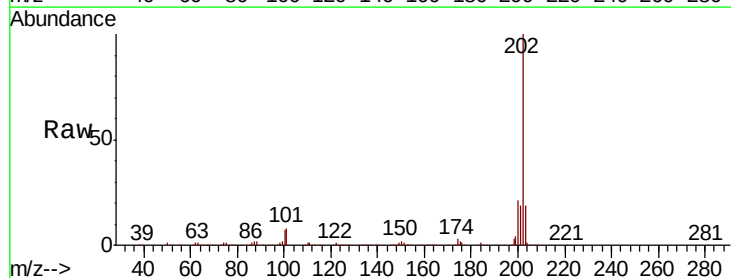
Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Tgt Ion:202 Resp: 639339

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	18.7	14.5	21.7

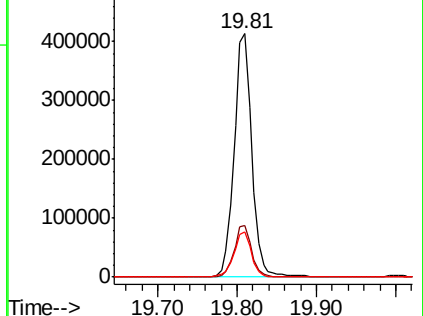
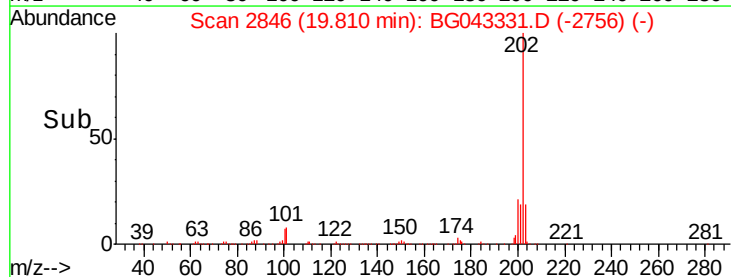


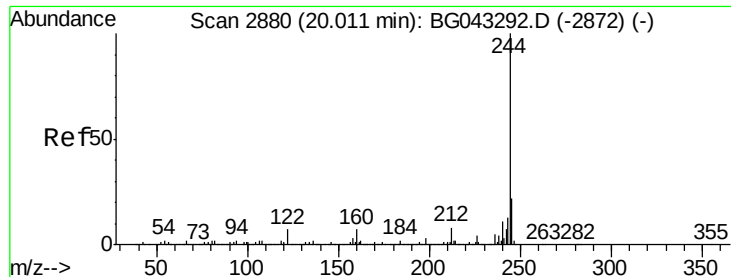
Abundance

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: 62.652 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

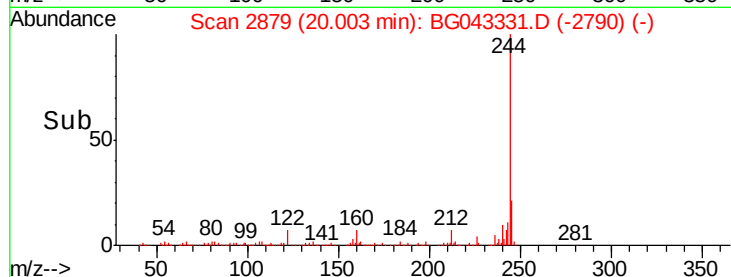
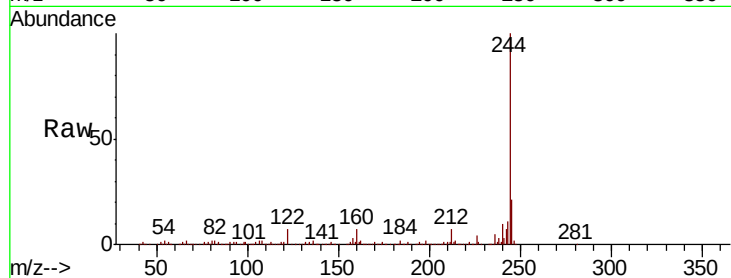
Tot Ion:244 Resp: 875608

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

122 6.7 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

800000

600000

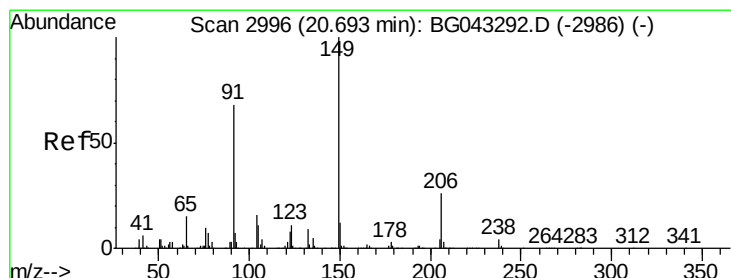
400000

200000

0

19.90 20.00 20.10

Time-->



#80

Butylbenzylphthalate

Concen: 39.913 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

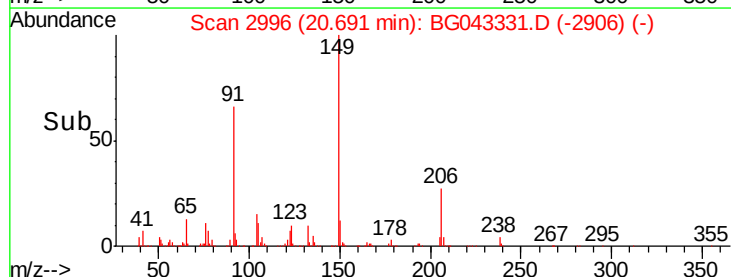
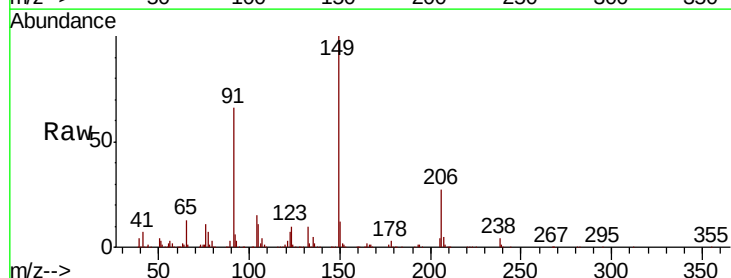
Tgt Ion:149 Resp: 245414

Ion Ratio Lower Upper

149 100

91 65.7 54.6 82.0

206 27.1 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

250000

200000

150000

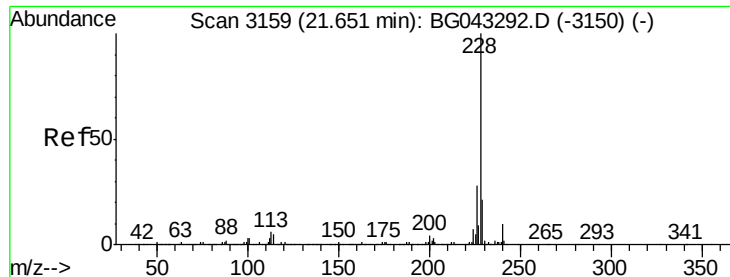
100000

50000

0

20.65 20.70 20.75

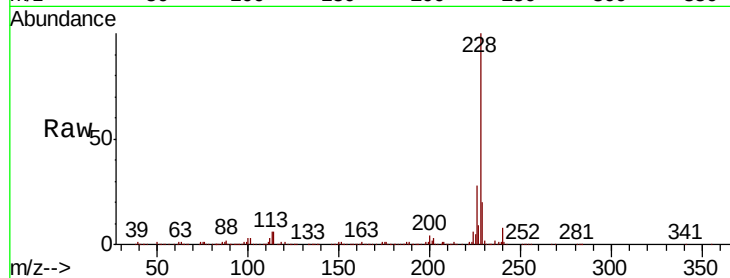
Time-->



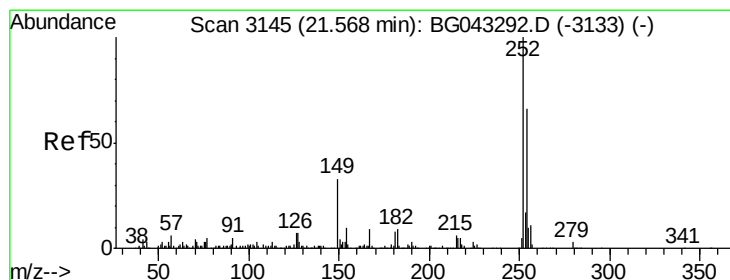
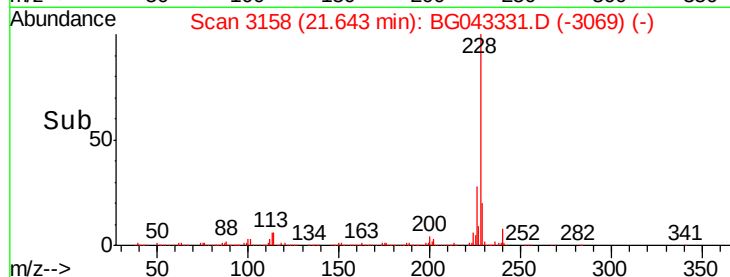
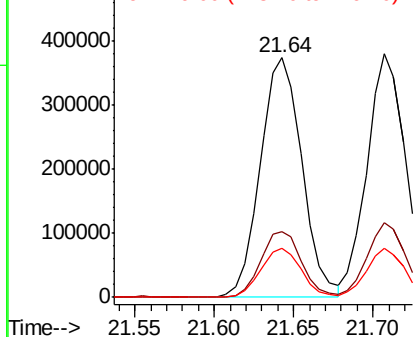
#81
Benzo(a)anthracene
Concen: 41.646 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 683968
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.3 16.9 25.3

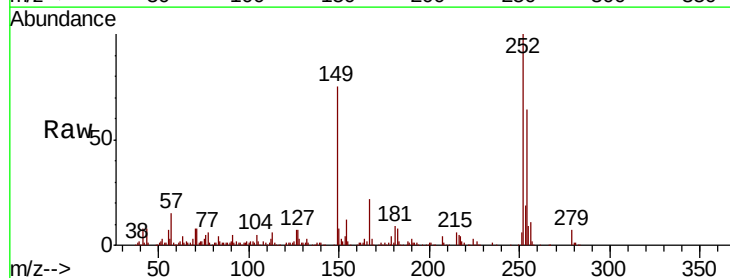


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

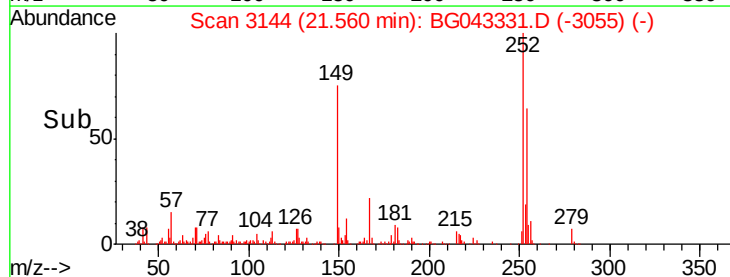
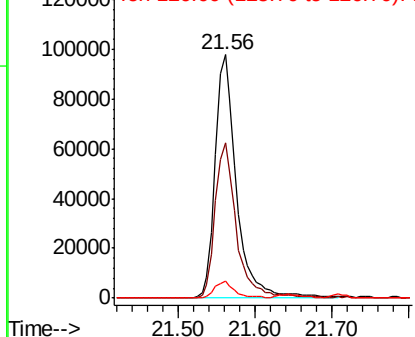


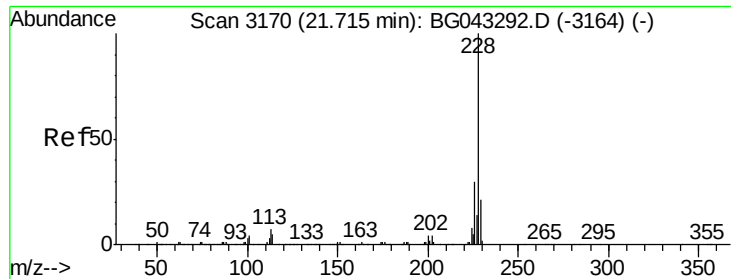
#82
3,3'-Dichlorobenzidine
Concen: 29.379 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion:252 Resp: 186623
Ion Ratio Lower Upper
252 100
254 63.7 52.7 79.1
126 7.2 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.586 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

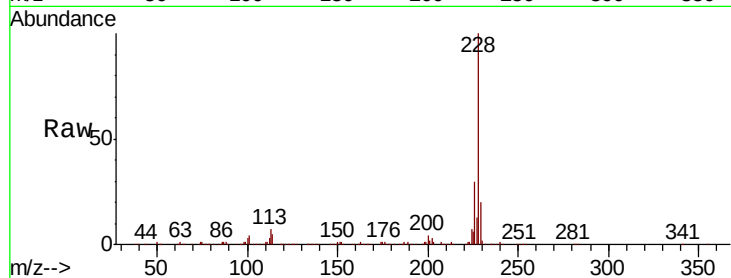
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 662279

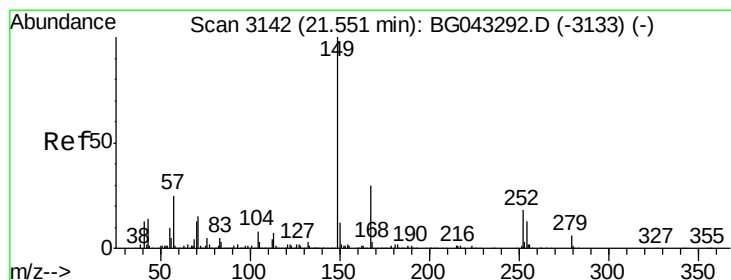
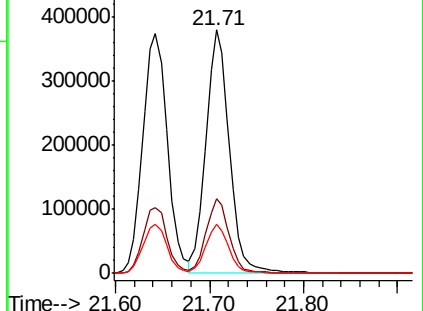
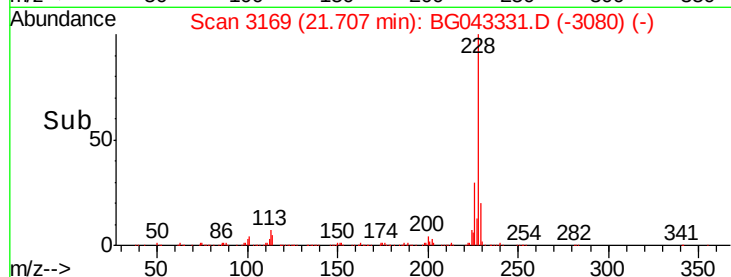
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.0	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.390 ng

RT: 21.55 min Scan# 3142

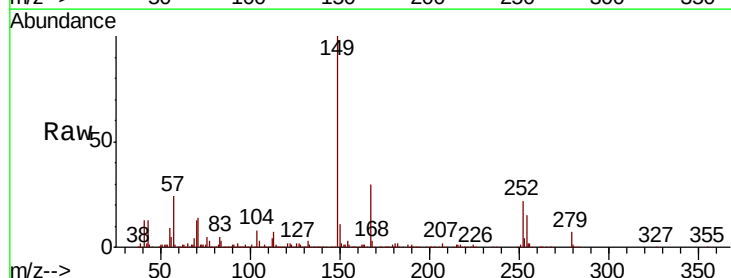
Delta R.T. -0.00 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Tgt Ion:149 Resp: 361514

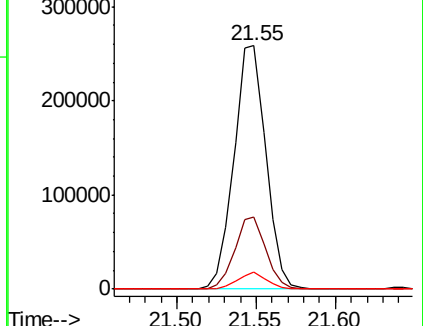
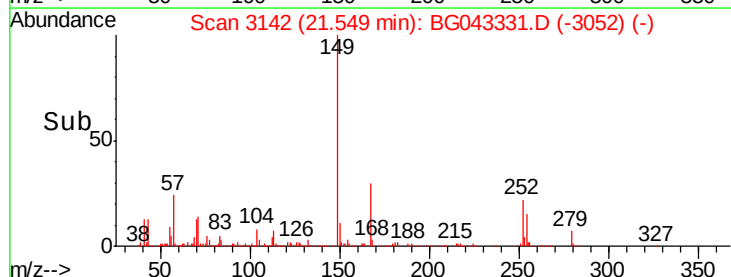
Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.9	35.9
279	7.0	4.8	7.2

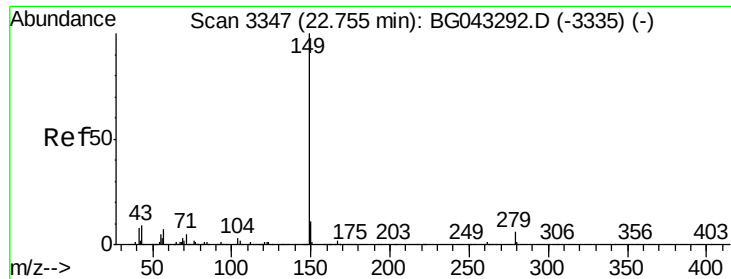


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

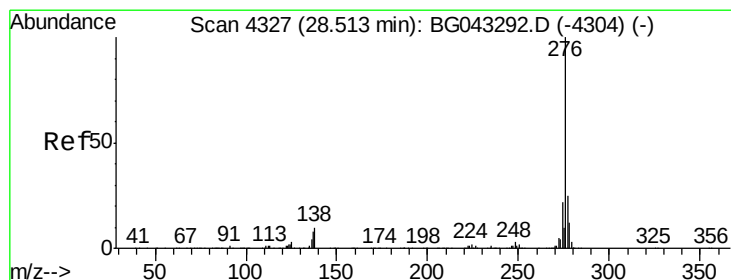
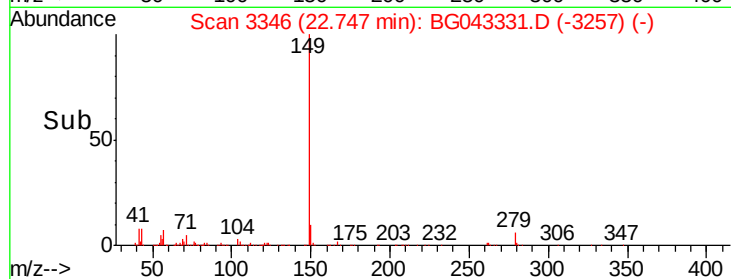
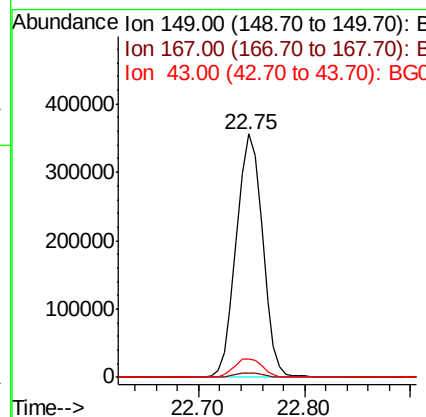
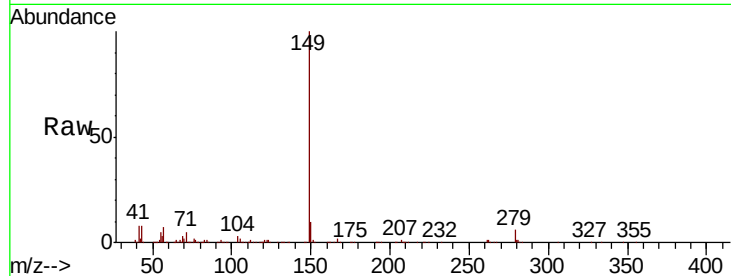




#85
Di-n-octyl phthalate
Concen: 41.450 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

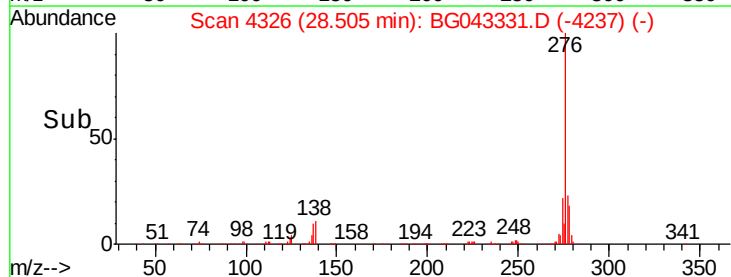
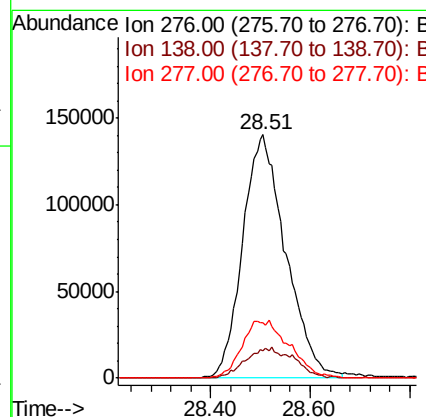
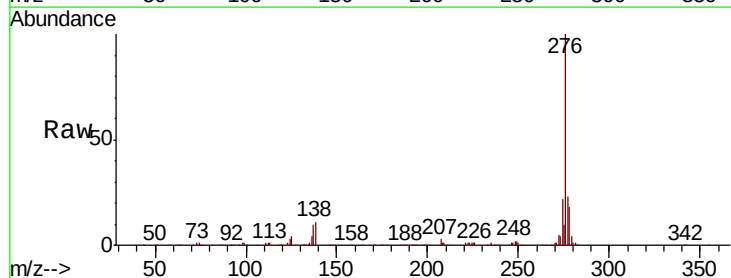
Instrument :
BNA_G
ClientSampleId :

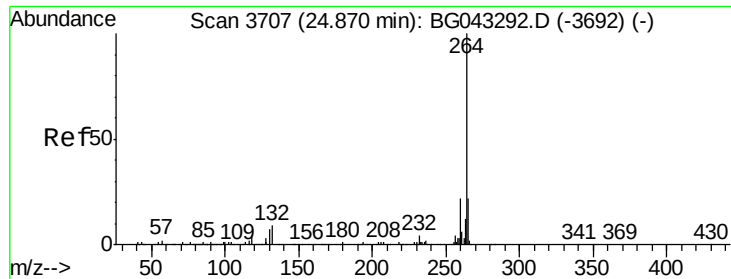
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.4	6.9	10.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.047 ng
RT: 28.51 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	7.2	10.8#
277	26.0	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

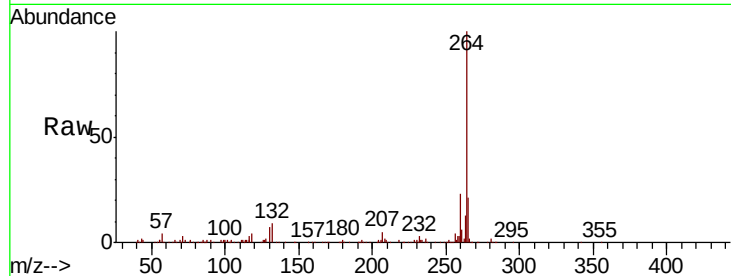
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 300270

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	21.5	17.4	26.2

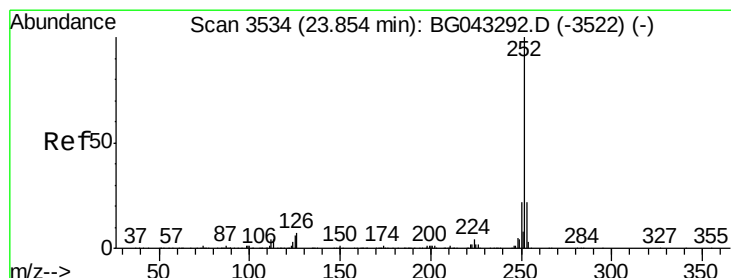
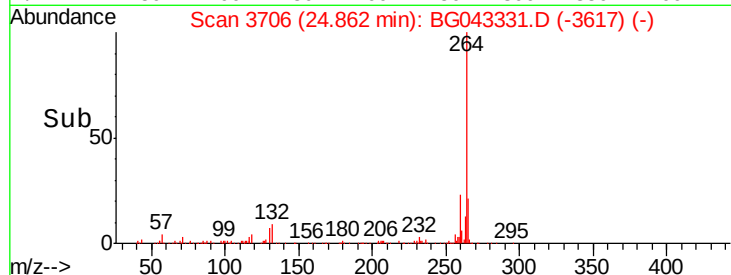
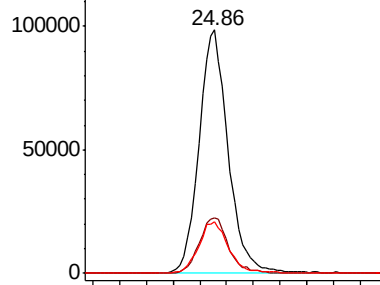


Abundance

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: 42.301 ng

RT: 23.85 min Scan# 3533

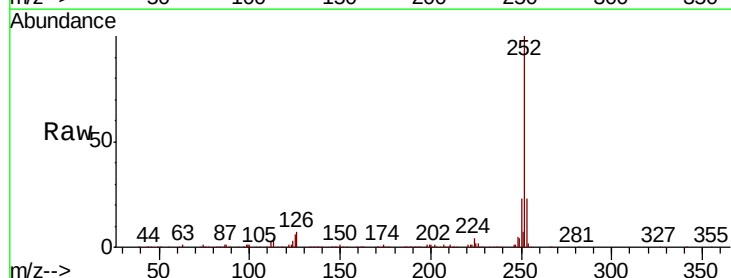
Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Tgt Ion:252 Resp: 719388

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	5.6	5.0	7.6

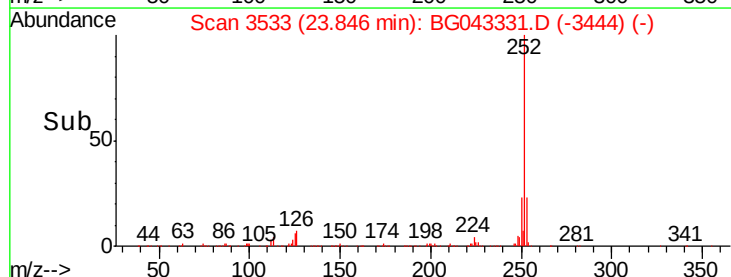
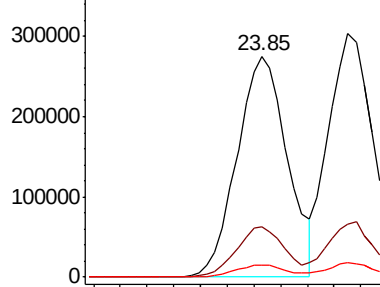


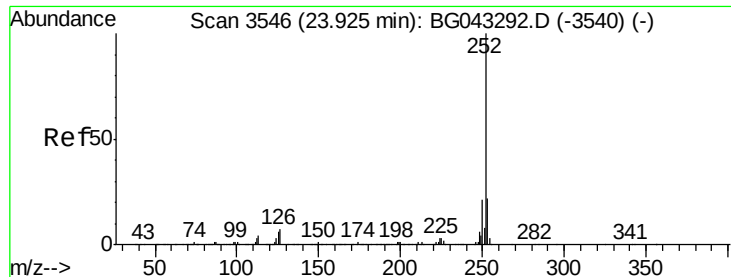
Abundance

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

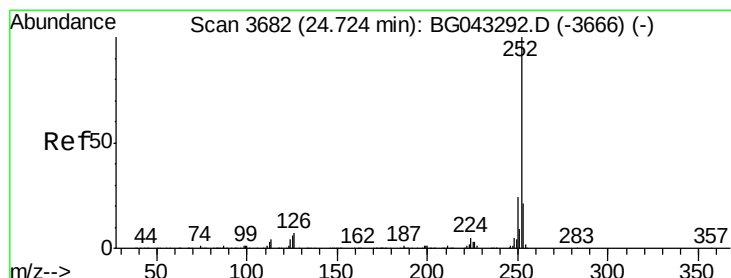
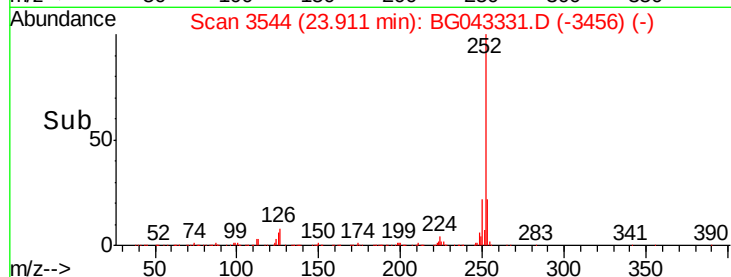
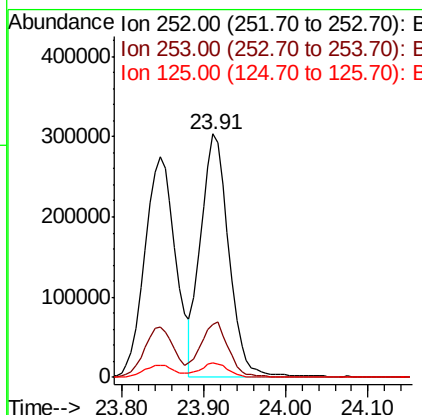
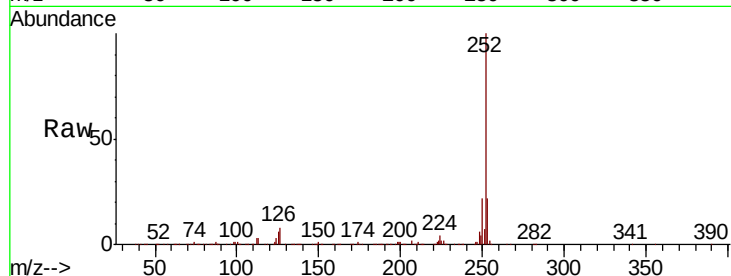




#89
Benzo(k)fluoranthene
Concen: 42.123 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

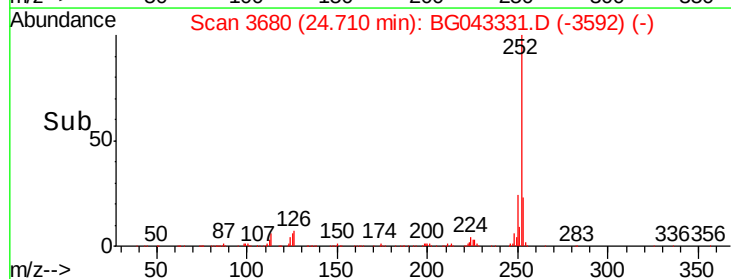
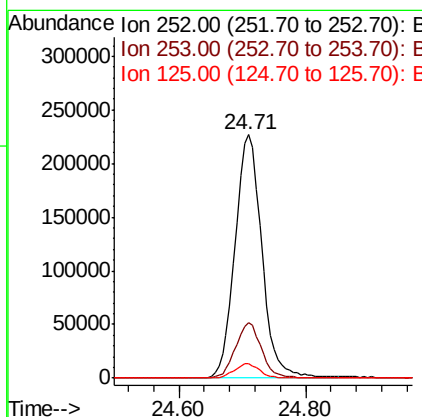
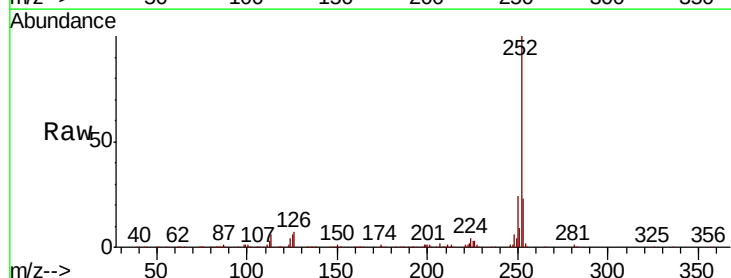
Instrument :
BNA_G
ClientSampleId :

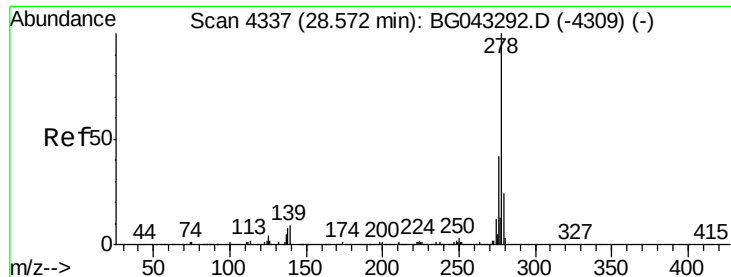
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	5.9	4.5	6.7



#90
Benzo(a)pyrene
Concen: 40.840 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043331.D
Acq: 24 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	5.7	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.938 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

Instrument :

BNA_G

ClientSampleId :

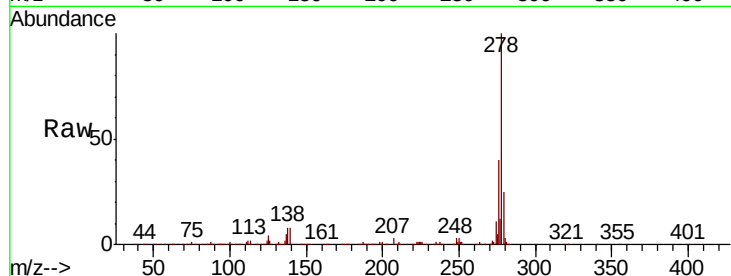
Tot Ion:278 Resp: 713238

Ion Ratio Lower Upper

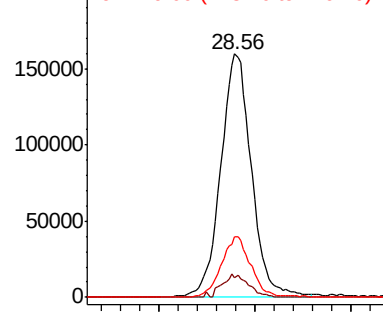
278 100

139 7.9 6.8 10.2

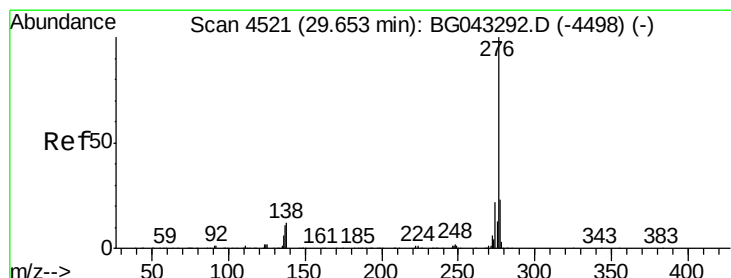
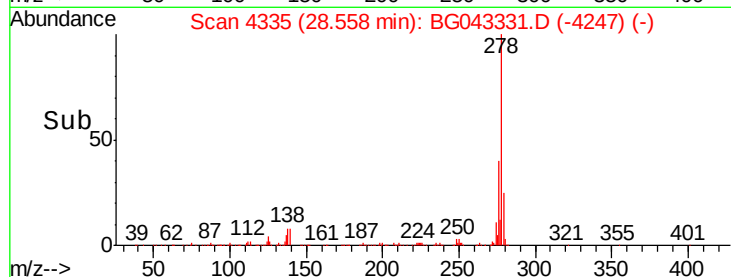
279 24.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 43.318 ng

RT: 29.63 min Scan# 4518

Delta R.T. -0.02 min

Lab File: BG043331.D

Acq: 24 Oct 2019 14:58

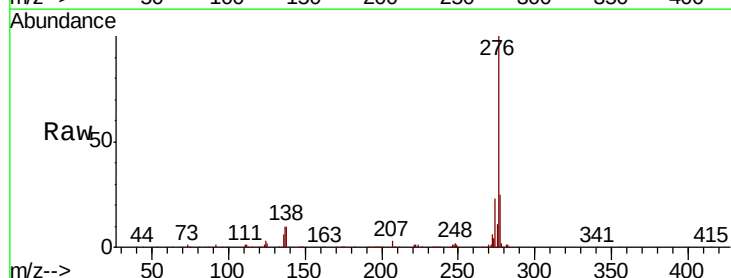
Tgt Ion:276 Resp: 709770

Ion Ratio Lower Upper

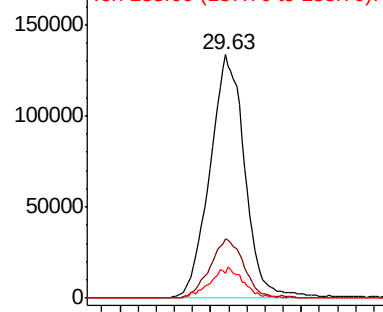
276 100

277 24.6 18.3 27.5

138 10.2 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

