

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
 Data File : BG043295.D
 Acq On : 21 Oct 2019 13:02
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 15:19:56 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 15:08:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40704	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	163474	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	119170	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	270067	20.00	ng	0.00
76) Chrysene-d12	21.67	240	288108	20.00	ng	0.00
87) Perylene-d12	24.87	264	344111	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	350562	153.70	ng	0.00
7) Phenol-d6	7.21	99	504539	153.61	ng	0.00
23) Nitrobenzene-d5	9.19	82	501808	149.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	350677	171.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1295951	157.65	ng	0.00
79) Terphenyl-d14	20.01	244	2231343	165.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	65649	69.036	ng	97
3) Pyridine	3.89	79	165308	61.806	ng	98
4) n-Nitrosodimethylamine	3.81	42	90106	70.056	ng	88
6) Aniline	7.36	93	292098	73.672	ng	99
8) 2-Chlorophenol	7.60	128	188459	79.231	ng	99
9) Benzaldehyde	7.17	77	86810	43.252	ng	85
10) Phenol	7.24	94	231717	76.894	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	172844	74.132	ng	95
12) 1,3-Dichlorobenzene	7.92	146	236234	77.854	ng	99
13) 1,4-Dichlorobenzene	8.06	146	240903	79.641	ng	99
14) 1,2-Dichlorobenzene	8.38	146	234524	81.437	ng	98
15) Benzyl Alcohol	8.27	79	183953	74.493	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	250168	55.870	ng	94
17) 2-Methylphenol	8.48	107	164455	77.995	ng	93
18) Hexachloroethane	9.11	117	87227	76.569	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	159505	73.958	ng	99
20) 3+4-Methylphenols	8.81	107	231228	80.022	ng	90
22) Acetophenone	8.85	105	328307	77.912	ng	# 99
24) Nitrobenzene	9.23	77	235213	73.319	ng	97
25) Isophorone	9.76	82	449337	76.059	ng	99
26) 2-Nitrophenol	9.95	139	121475	88.949	ng	95
27) 2,4-Dimethylphenol	10.01	122	165007	78.676	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	246939	73.672	ng	98
29) 2,4-Dichlorophenol	10.49	162	216311	82.929	ng	91
30) 1,2,4-Trichlorobenzene	10.70	180	261392	77.601	ng	100
31) Naphthalene	10.89	128	641952	79.773	ng	99
32) Benzoic acid	10.21	122	136854	86.455	ng	95
33) 4-Chloroaniline	11.00	127	270590	77.491	ng	98
34) Hexachlorobutadiene	11.17	225	195401	77.475	ng	94
35) Caprolactam	11.80	113	73886	80.324	ng	# 84
36) 4-Chloro-3-methylphenol	12.13	107	229516	80.927	ng	97
37) 2-Methylnaphthalene	12.48	142	495162	80.658	ng	98
38) 1-Methylnaphthalene	12.71	142	468172	80.595	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	348099	77.689	ng	99

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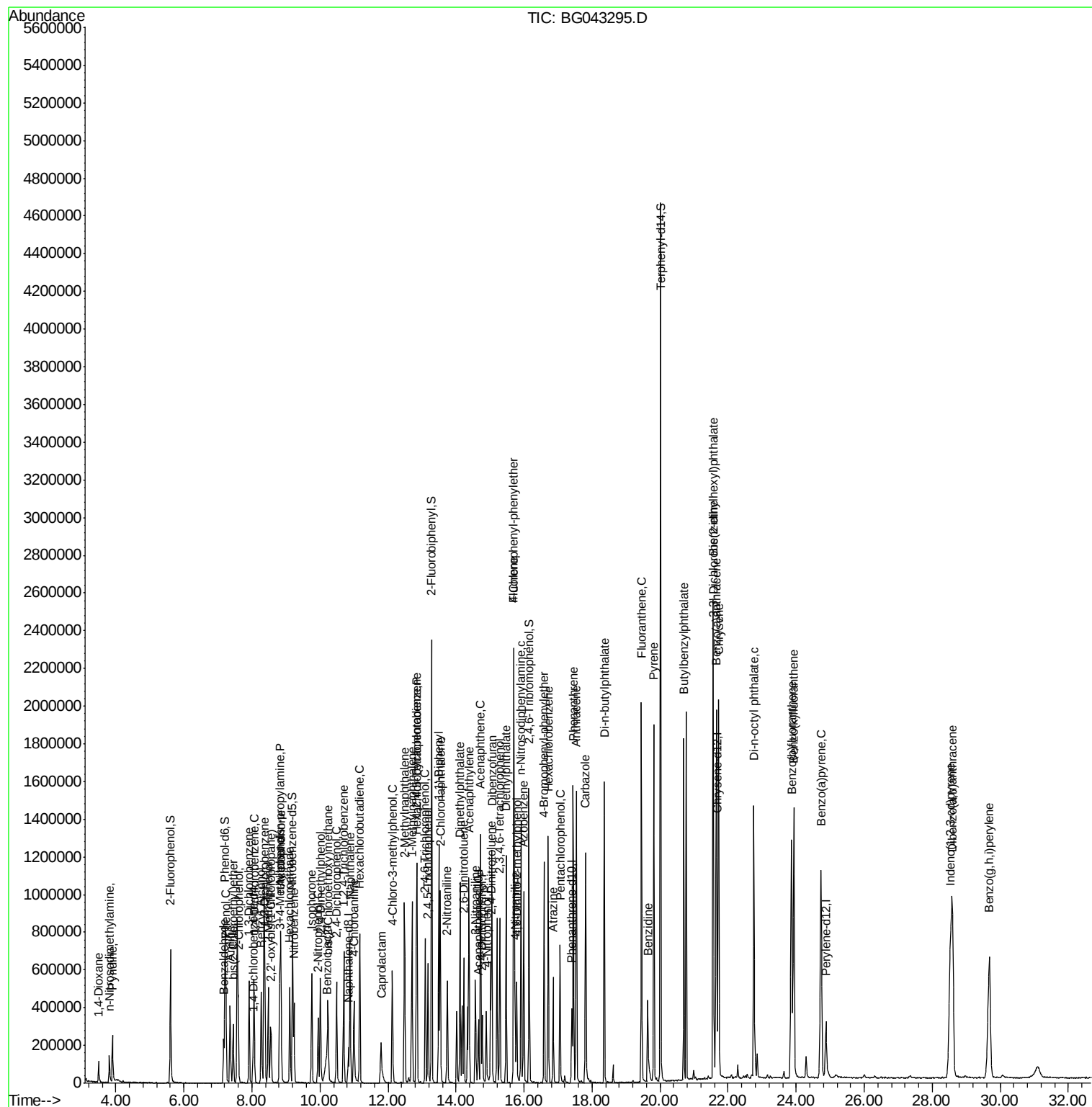
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	201859	70.706	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	207121	78.976	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	208576	77.203	nq	99
46) 1,1'-Biphenyl	13.49	154	704375	77.942	nq	98
47) 2-Chloronaphthalene	13.54	162	537201	79.285	nq	98
48) 2-Nitroaniline	13.74	65	167667	74.413	nq	96
49) Acenaphthylene	14.38	152	821320	79.219	nq	99
50) Dimethylphthalate	14.12	163	698386	78.216	nq	100
51) 2,6-Dinitrotoluene	14.23	165	157208	82.676	nq	98
52) Acenaphthene	14.72	154	511630	73.726	nq	96
53) 3-Nitroaniline	14.57	138	156539	79.660	nq	92
54) 2,4-Dinitrophenol	14.77	184	97946	82.869	nq	98
55) Dibenzofuran	15.06	168	810164	78.920	nq	100
56) 4-Nitrophenol	14.89	139	115042	76.834	nq	96
57) 2,4-Dinitrotoluene	15.02	165	223885	80.403	nq	# 95
58) Fluorene	15.70	166	681949	77.809	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	209899	72.969	nq	# 99
60) Diethylphthalate	15.47	149	695180	76.502	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	400916	76.273	nq	95
62) 4-Nitroaniline	15.73	138	166723	77.793	nq	97
63) Azobenzene	15.99	77	571513	69.081	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	135294	88.531	nq	96
66) n-Nitrosodiphenylamine	15.91	169	594180	83.342	nq	97
67) 4-Bromophenyl-phenylether	16.59	248	288669	85.163	nq	99
68) Hexachlorobenzene	16.71	284	327327	86.730	nq	97
69) Atrazine	16.85	200	124270	41.394	nq	90
70) Pentachlorophenol	17.05	266	159430	73.209	nq	96
71) Phenanthrene	17.44	178	1067044	80.930	nq	98
72) Anthracene	17.54	178	1068277	81.160	nq	99
73) Carbazole	17.81	167	966657	79.196	nq	98
74) Di-n-butylphthalate	18.36	149	1169426	80.301	nq	99
75) Fluoranthene	19.45	202	1341744	76.938	nq	97
77) Benzidine	19.63	184	372484	51.634	nq	98
78) Pyrene	19.82	202	1356804	78.902	nq	97
80) Butylbenzylphthalate	20.70	149	535321	82.014	nq	98
81) Benzo(a)anthracene	21.65	228	1395290	77.724	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	546692	77.645	nq	99
83) Chrysene	21.72	228	1377751	79.086	nq	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	768419	82.734	nq	96
85) Di-n-octyl phthalate	22.75	149	1303414	85.821	nq	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1841738	84.922	nq	# 96
88) Benzo(b)fluoranthene	23.86	252	1521300	78.133	nq	97
89) Benzo(k)fluoranthene	23.93	252	1495344	77.632	nq	97
90) Benzo(a)pyrene	24.73	252	1455734	79.246	nq	97
91) Dibenzo(a,h)anthracene	28.59	278	1513868	80.367	nq	100
92) Benzo(g,h,i)perylene	29.68	276	1490129	81.645	nq	98

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

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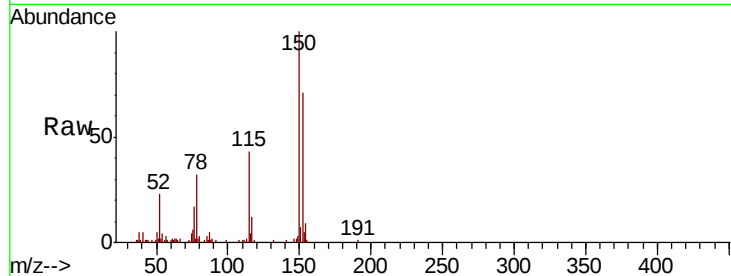


#1

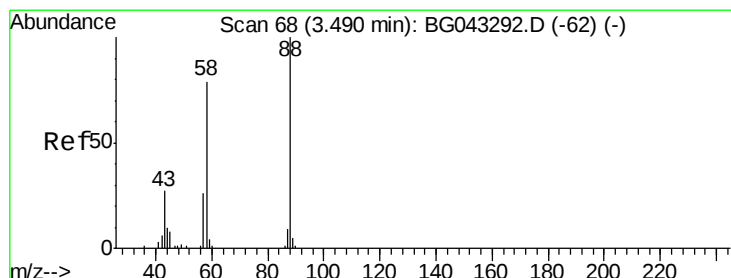
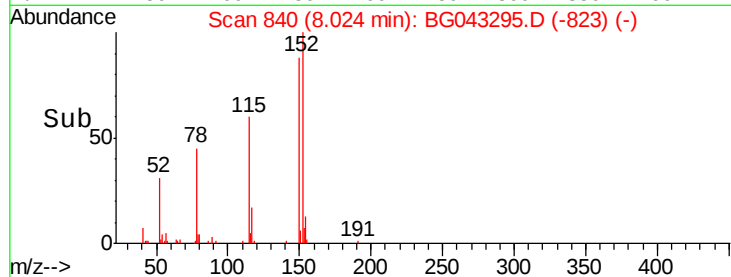
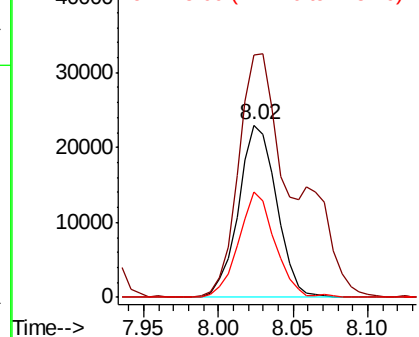
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40704
Ion Ratio Lower Upper
152 100
150 140.7 113.6 170.4
115 61.1 45.9 68.9



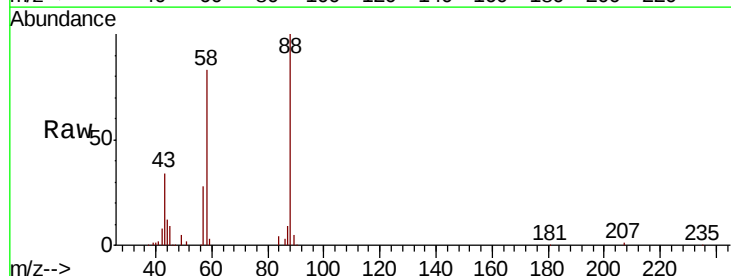
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



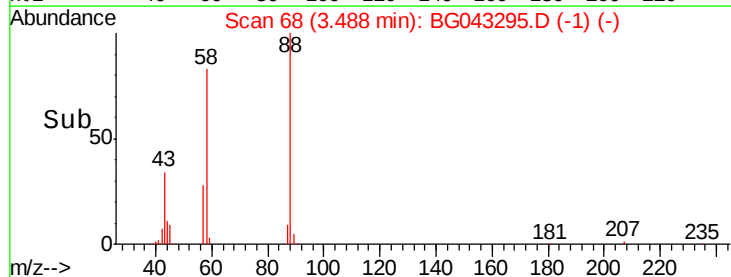
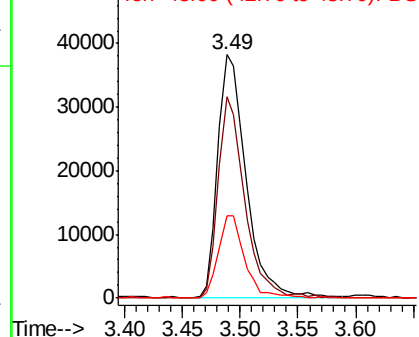
#2

1,4-Dioxane
Concen: 69.036 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion: 88 Resp: 65649
Ion Ratio Lower Upper
88 100
58 77.1 60.2 90.2
43 31.3 22.7 34.1



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 61.806 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

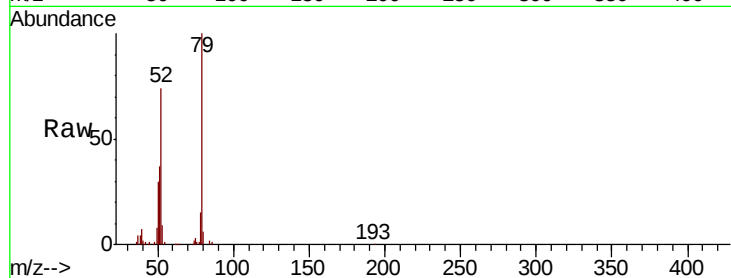
Tot Ion: 79 Resp: 165308

Ion Ratio Lower Upper

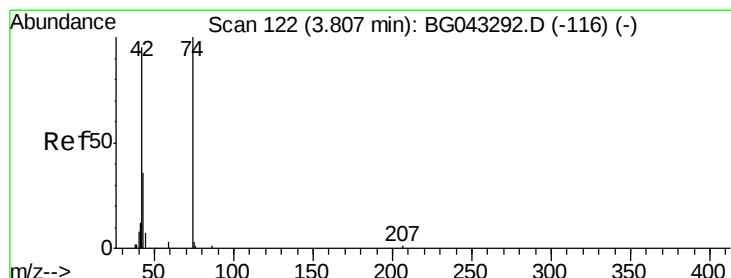
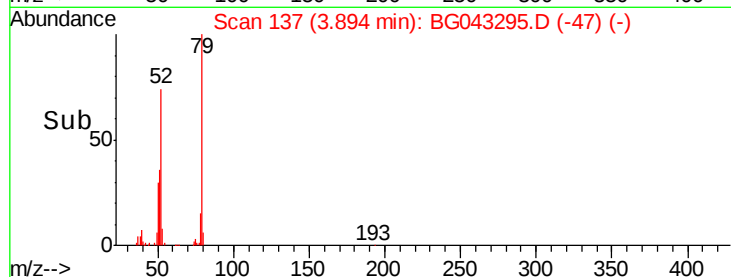
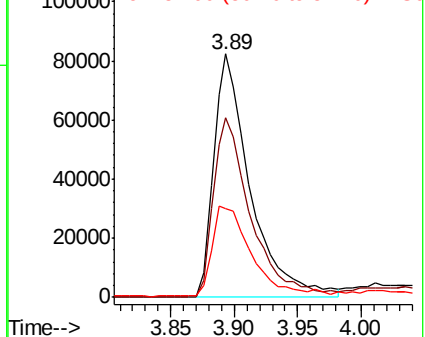
79 100

52 74.0 59.7 89.5

51 36.5 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 70.056 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

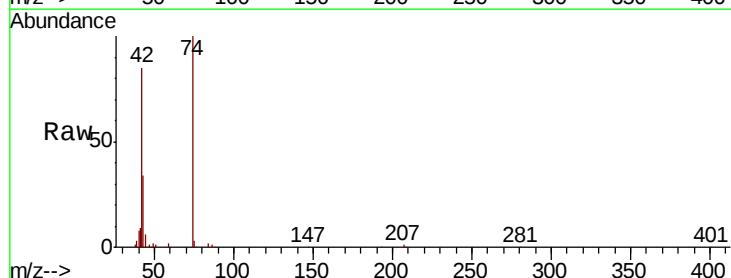
Tgt Ion: 42 Resp: 90106

Ion Ratio Lower Upper

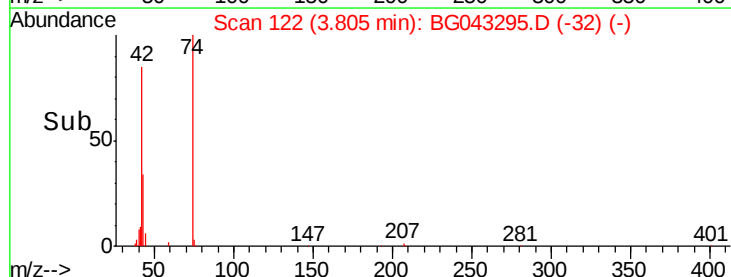
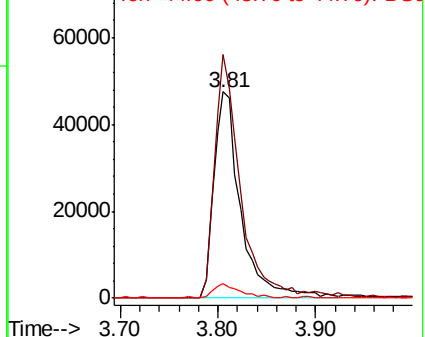
42 100

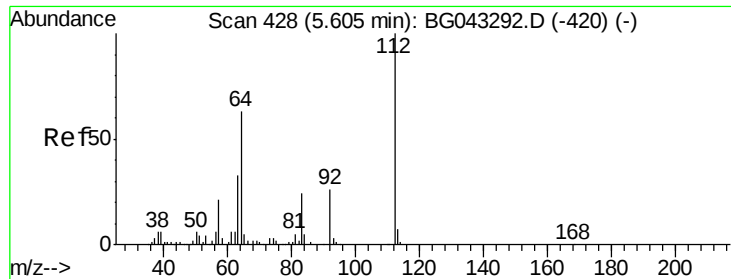
74 118.2 84.2 126.2

44 7.2 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 153.700 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

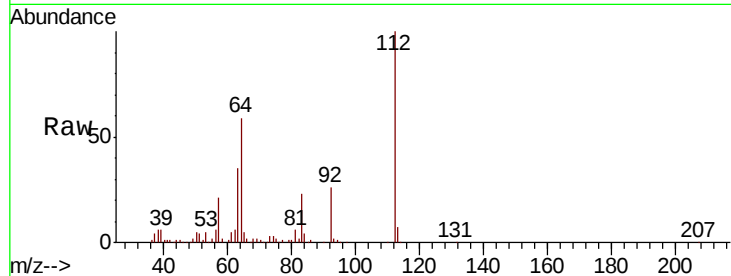
Tot Ion:112 Resp: 350562

Ion Ratio Lower Upper

112 100

64 58.7 50.2 75.2

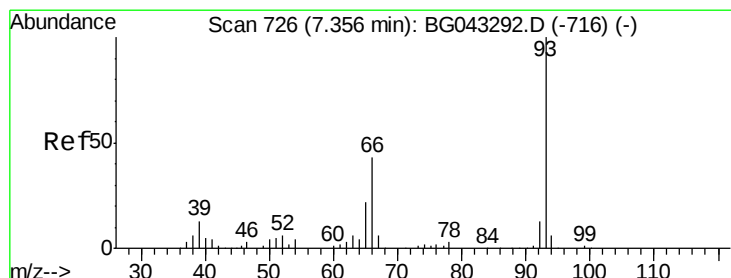
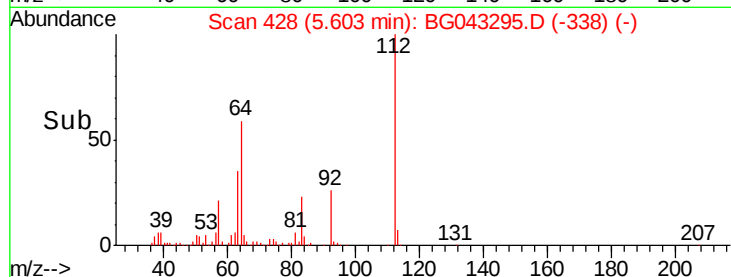
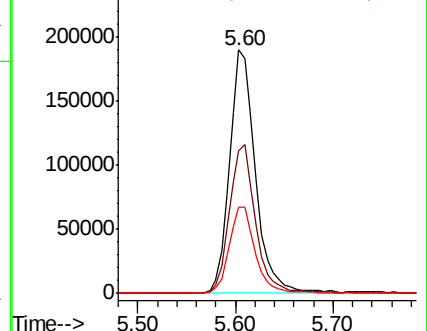
63 35.5 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 73.672 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

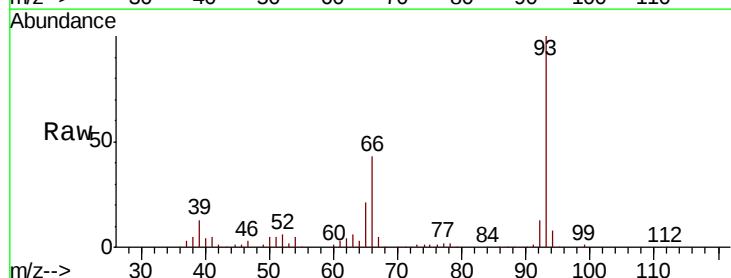
Tgt Ion: 93 Resp: 292098

Ion Ratio Lower Upper

93 100

66 42.6 34.5 51.7

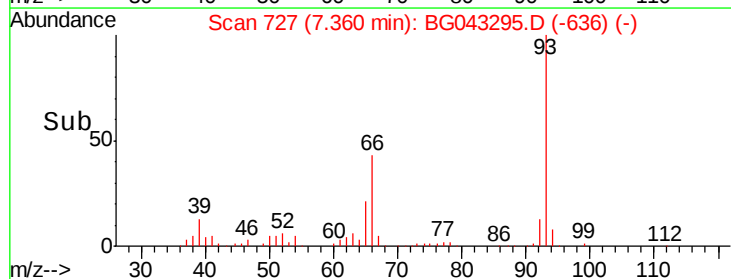
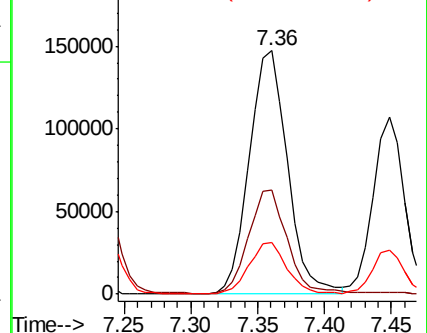
65 21.3 18.0 27.0

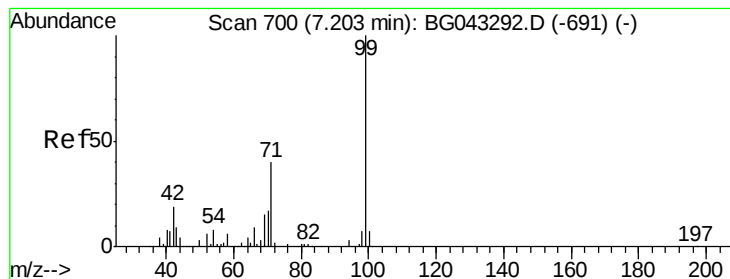


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.611 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

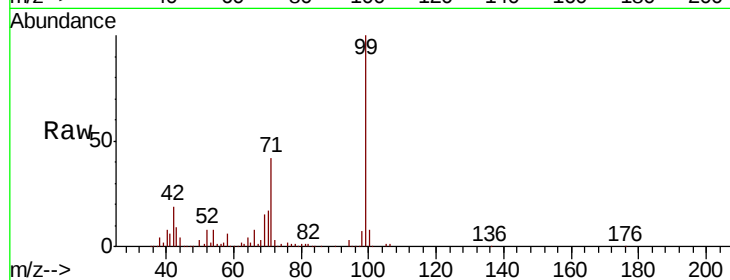
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 504539

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	41.8	32.2	48.2

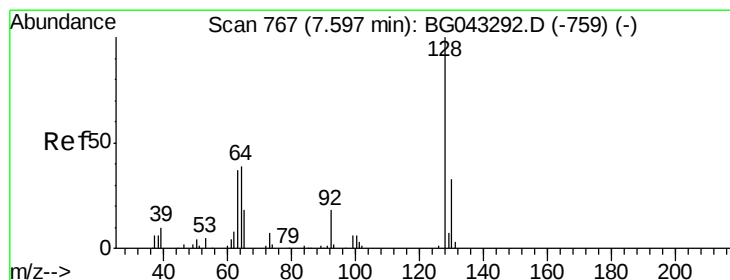
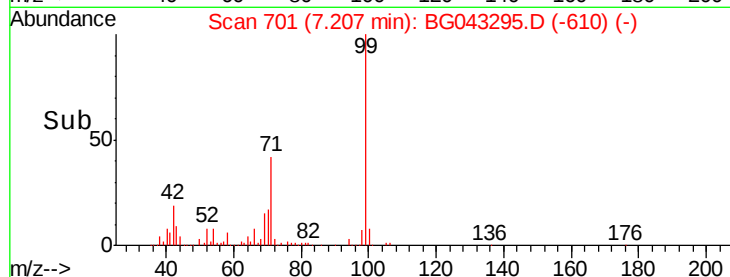
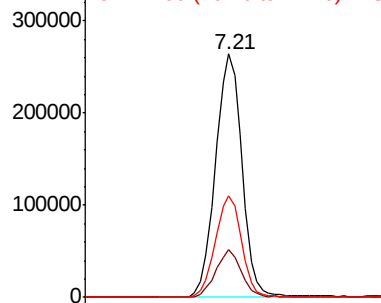


Abundance

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: 79.231 ng

RT: 7.60 min Scan# 768

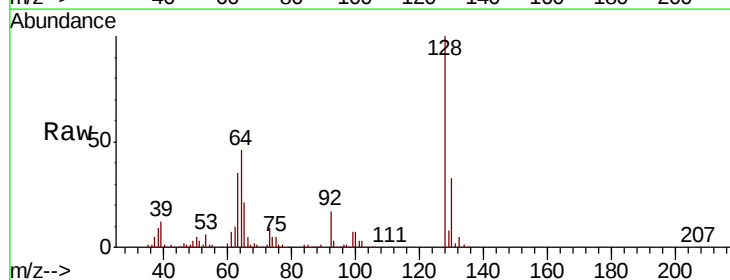
Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Tgt Ion: 128 Resp: 188459

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	45.6	24.9	64.9

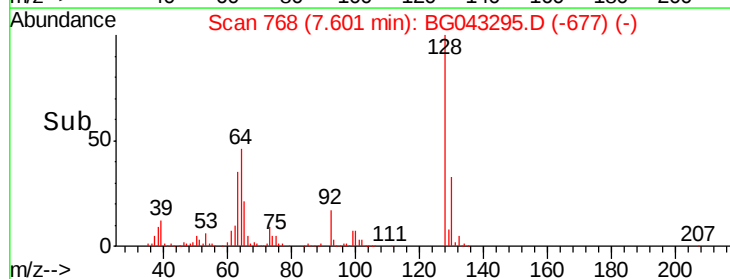
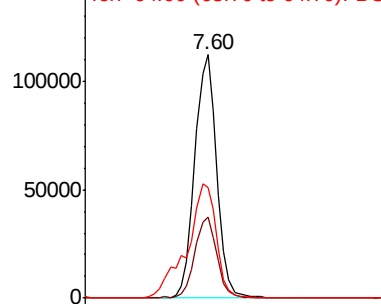


Abundance

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: 43.252 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

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Acq: 21 Oct 2019 13:02

Instrument :

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ClientSampled :

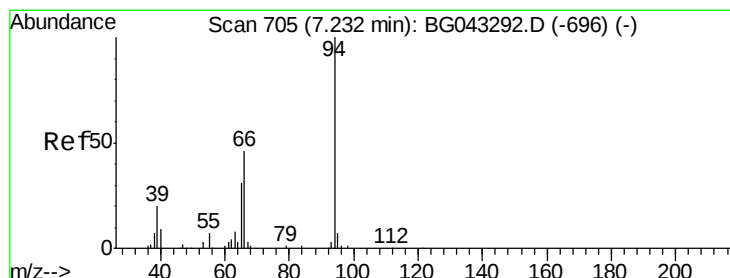
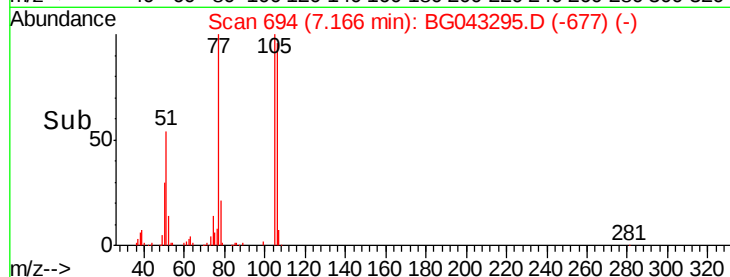
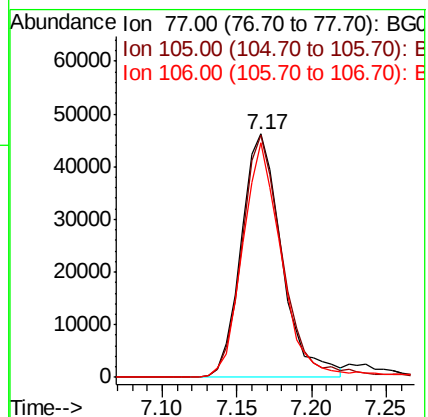
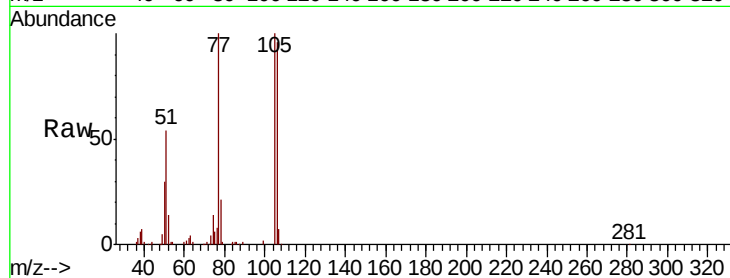
Tot Ion: 77 Resp: 86810

Ion Ratio Lower Upper

77 100

105 99.6 68.7 108.7

106 96.2 60.5 100.5



#10

Phenol

Concen: 76.894 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

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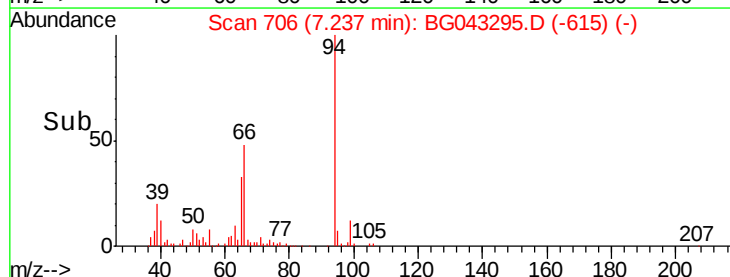
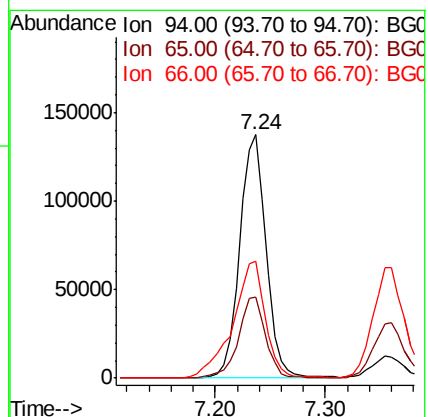
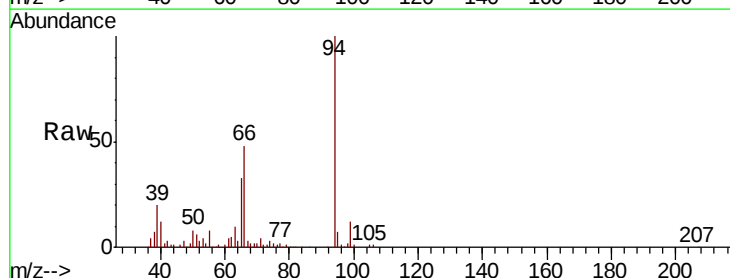
Tgt Ion: 94 Resp: 231717

Ion Ratio Lower Upper

94 100

65 33.0 11.1 51.1

66 47.9 27.8 67.8

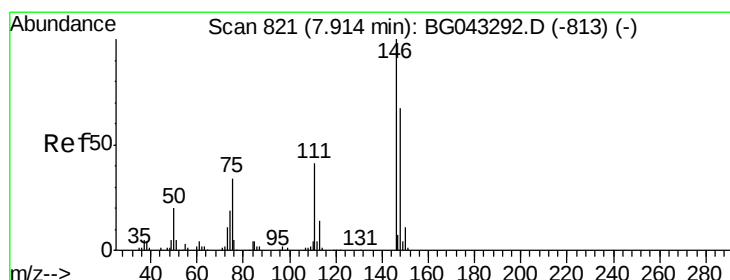
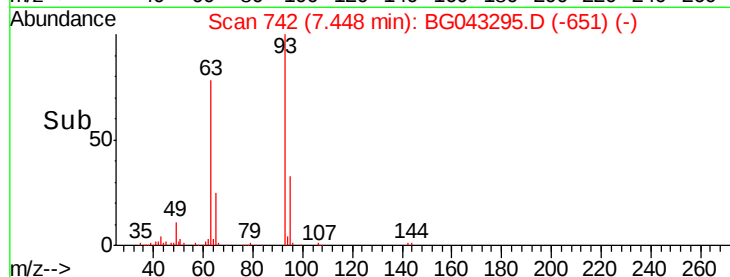
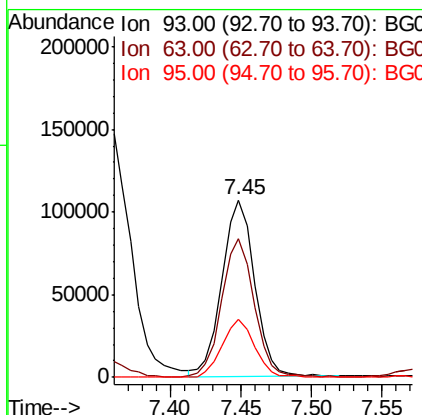
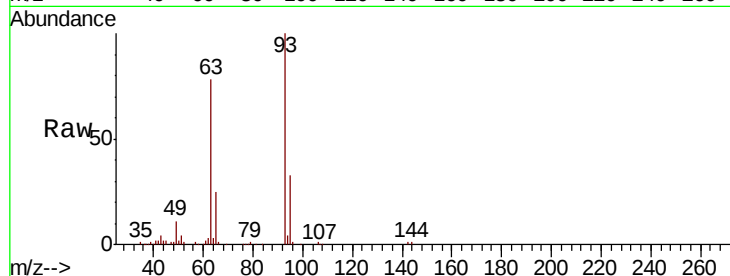




#11
bis(2-Chloroethyl)ether
Concen: 74.132 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

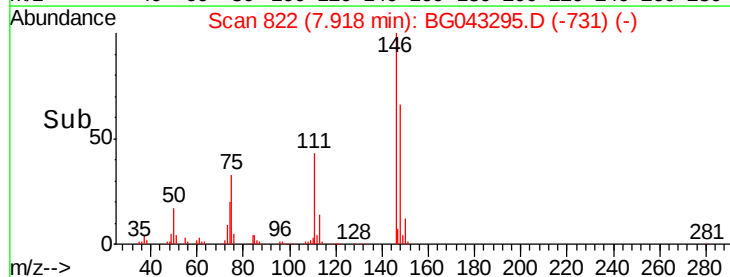
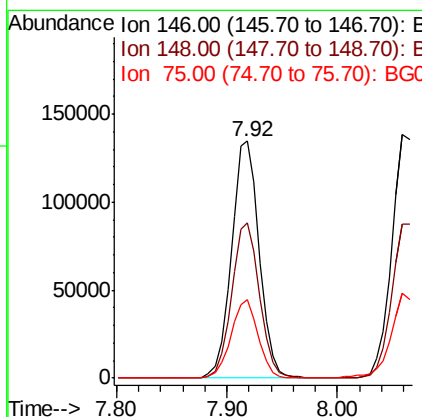
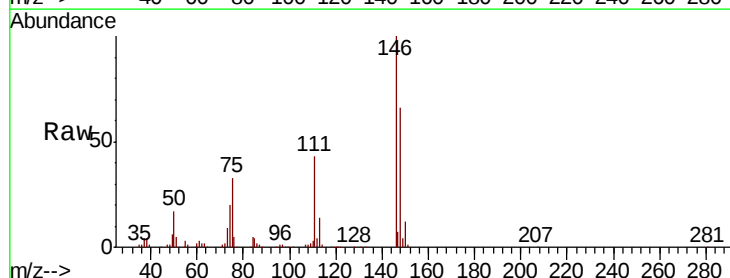
Instrument :
BNA_G
ClientSampleId :

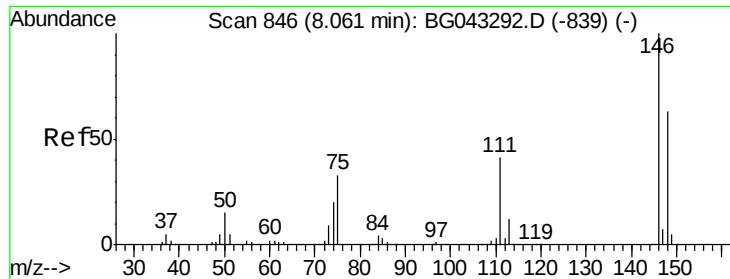
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	54.6	94.6
95	32.7	9.7	49.7



#12
1,3-Dichlorobenzene
Concen: 77.854 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.4	80.2
75	33.1	27.0	40.4

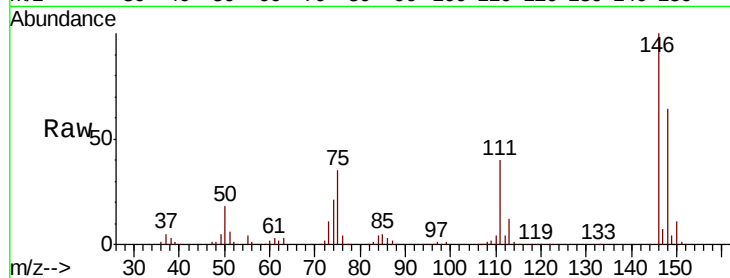




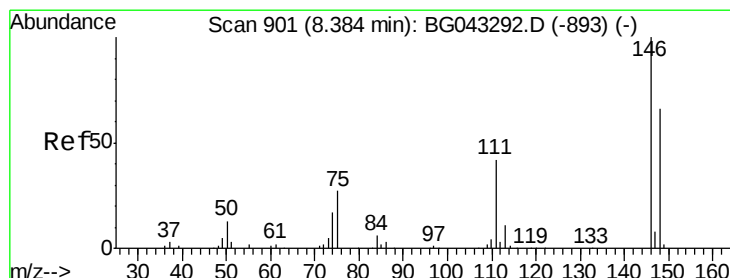
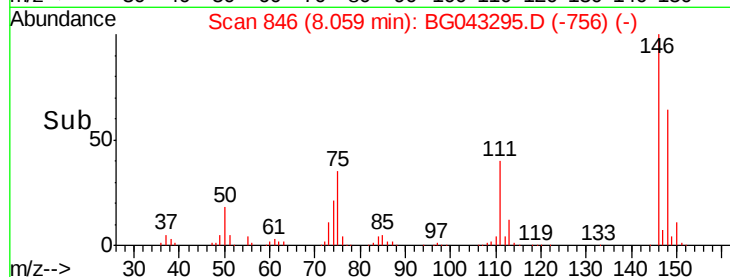
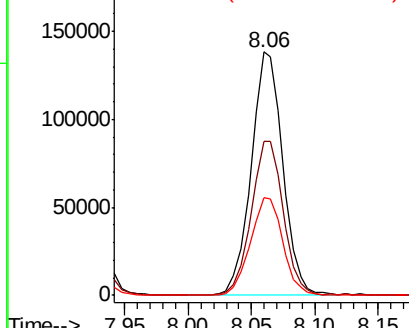
#13
 1,4-Dichlorobenzene
 Concen: 79.641 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 240903
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.7 76.1
 111 40.1 33.0 49.6

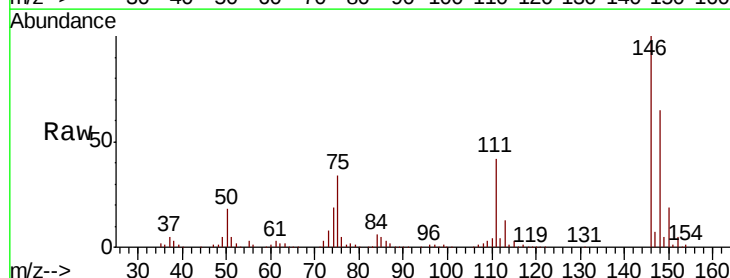


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

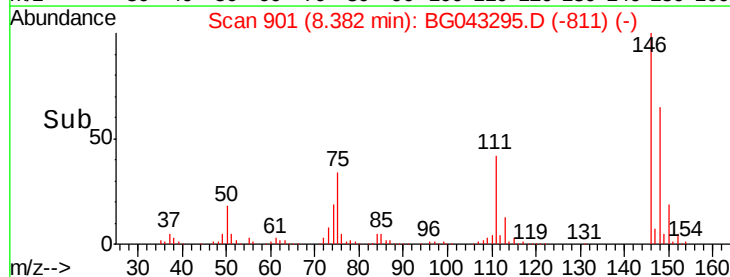
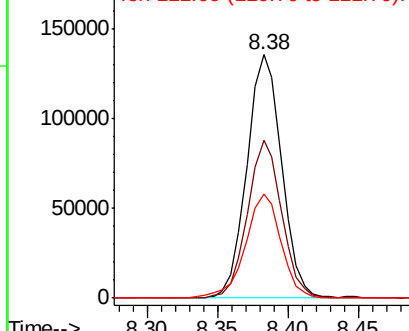


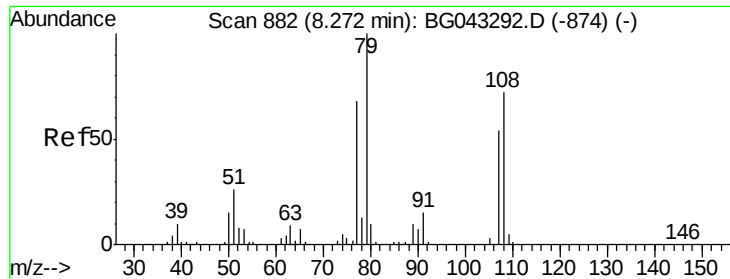
#14
 1,2-Dichlorobenzene
 Concen: 81.437 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Tgt Ion:146 Resp: 234524
 Ion Ratio Lower Upper
 146 100
 148 64.7 53.0 79.4
 111 42.5 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

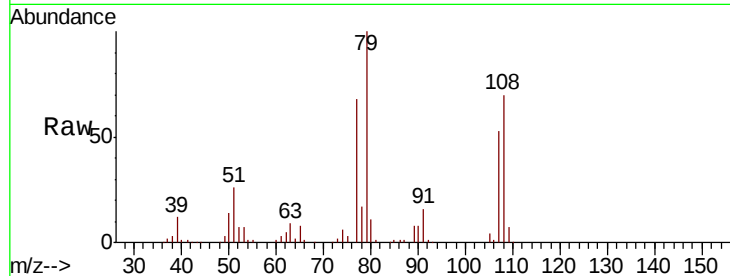




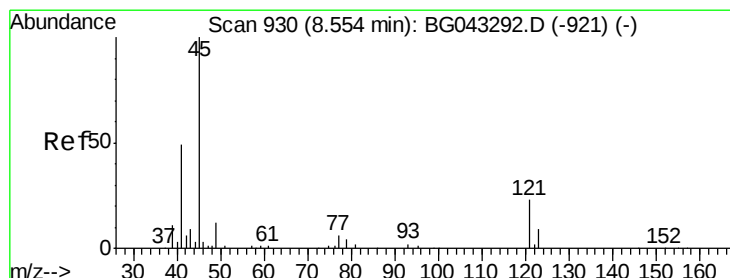
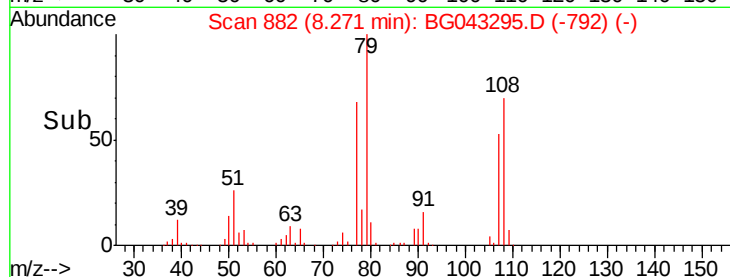
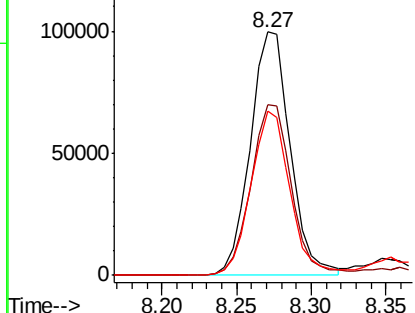
#15
Benzyl Alcohol
Concen: 74.493 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.1	57.3	85.9
77	67.6	54.6	81.8

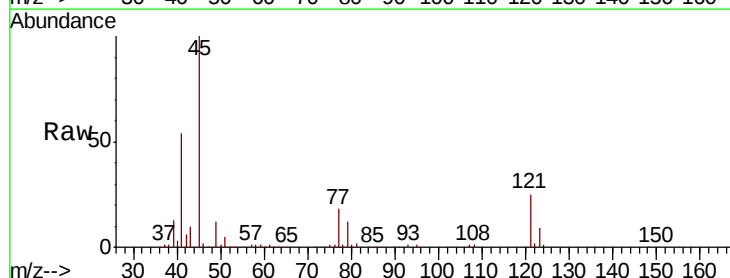


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

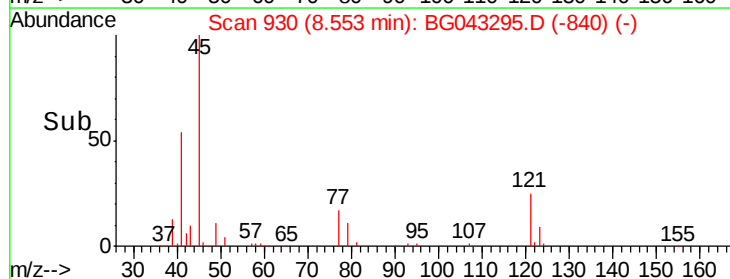
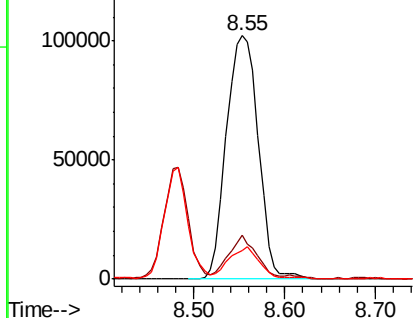


#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.870 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	34.2
79	11.6	0.0	32.3



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





#17

2-Methylphenol

Concen: 77.995 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 164455

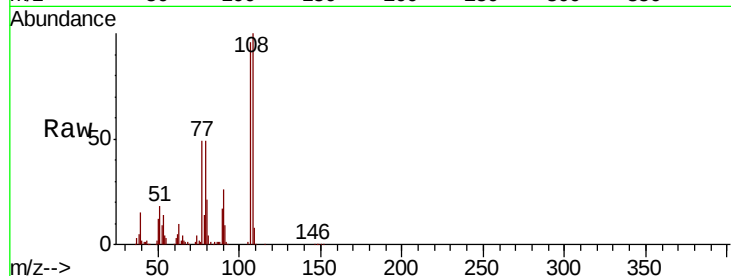
Ion Ratio Lower Upper

107 100

108 104.4 91.3 136.9

77 50.9 43.0 64.6

79 51.1 43.4 65.2

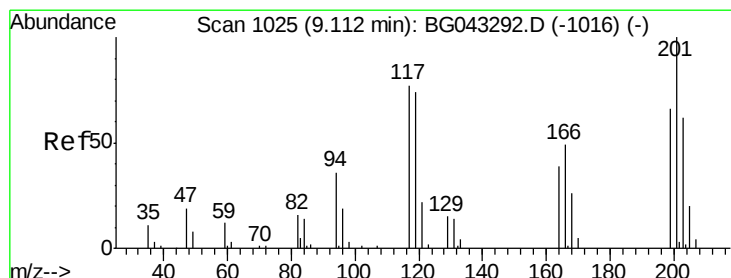
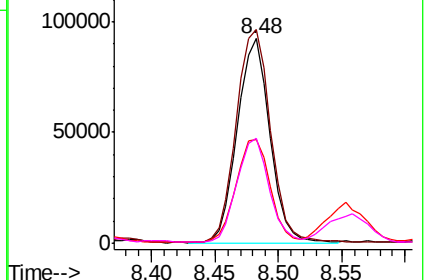
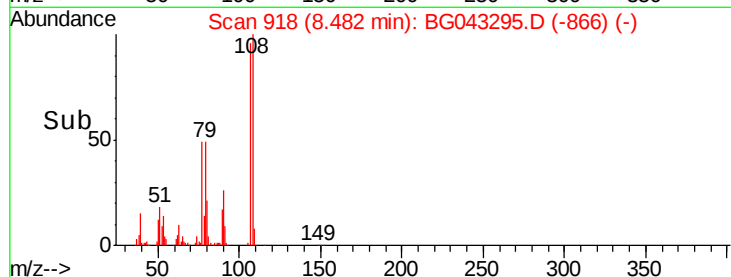


Abundance Ion 107.00 (106.70 to 107.70): E

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: 76.569 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

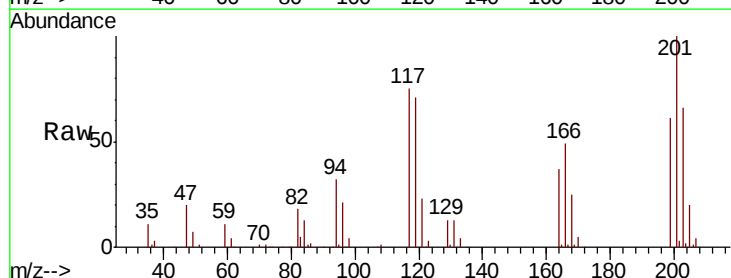
Tgt Ion:117 Resp: 87227

Ion Ratio Lower Upper

117 100

119 94.0 77.3 115.9

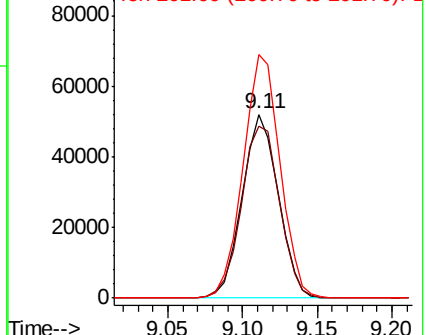
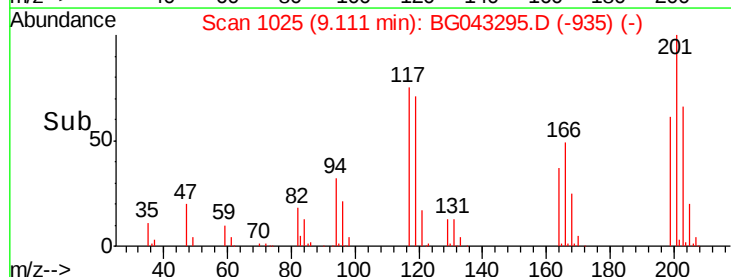
201 132.6 104.2 156.4

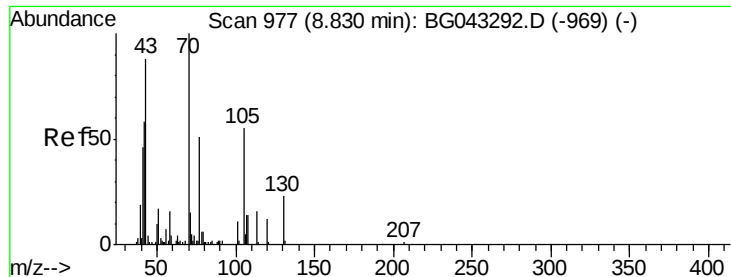


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

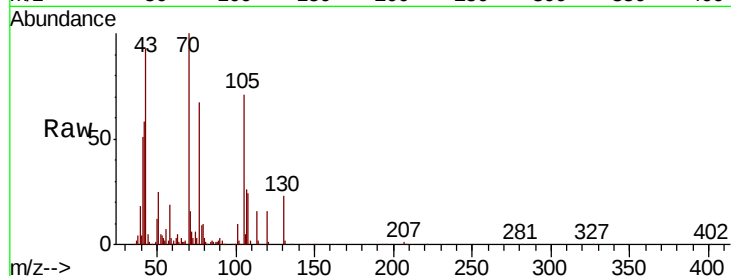




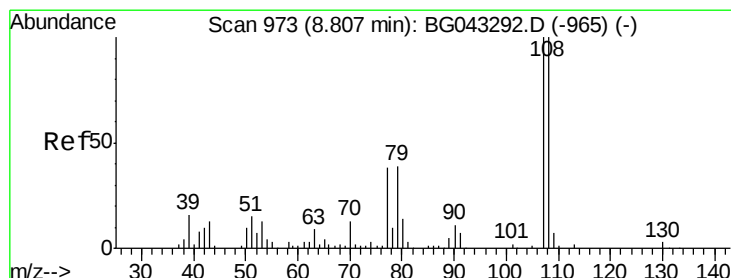
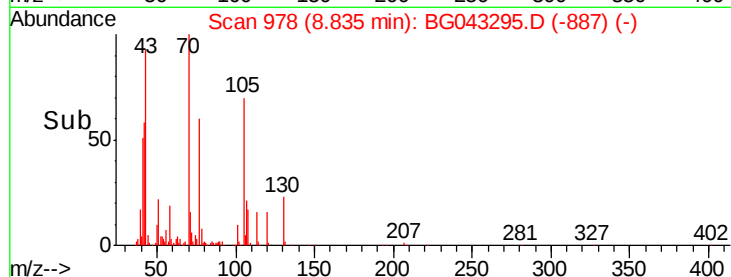
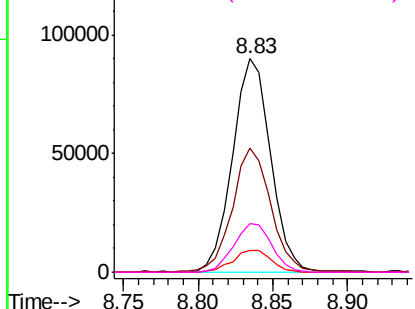
#19
n-Nitroso-di-n-propylamine
Concen: 73.958 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	159505
Ion	Ratio	Lower	Upper
70	100		
42	58.2	46.2	69.2
101	10.0	8.6	13.0
130	22.9	18.6	27.8

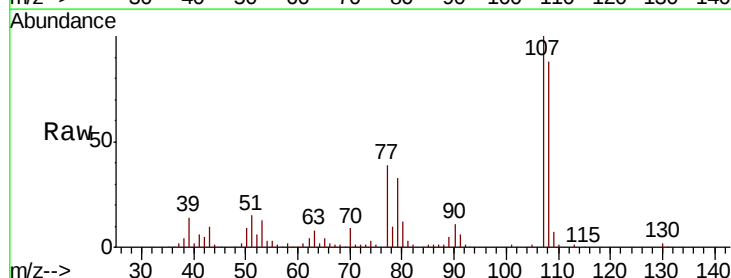


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

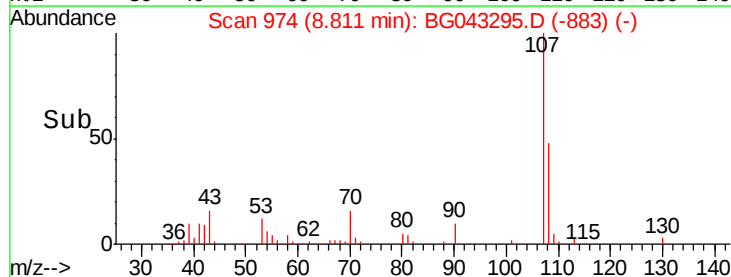
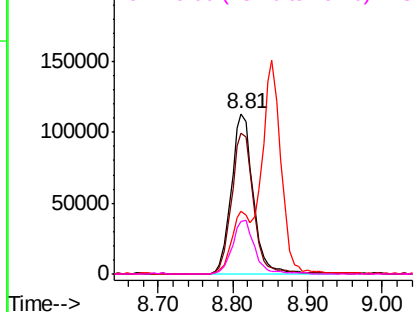


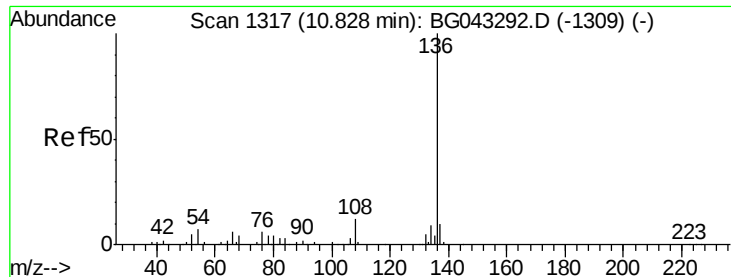
#20
3+4-Methylphenols
Concen: 80.022 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion:	107	Resp:	231228
Ion	Ratio	Lower	Upper
107	100		
108	87.5	80.3	120.3
77	39.3	18.2	58.2
79	33.1	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# 1318

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 163474

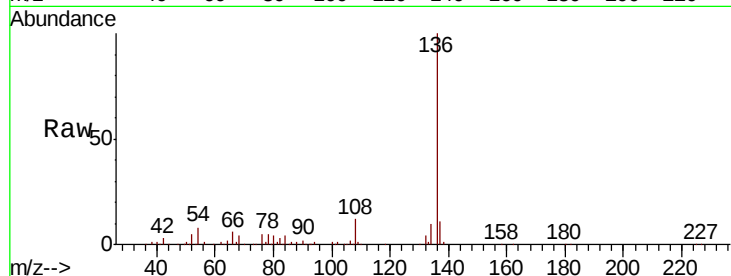
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 8.2 5.4 8.2#

68 3.7 3.3 4.9

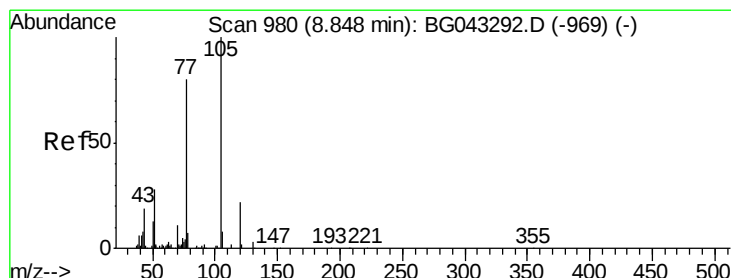
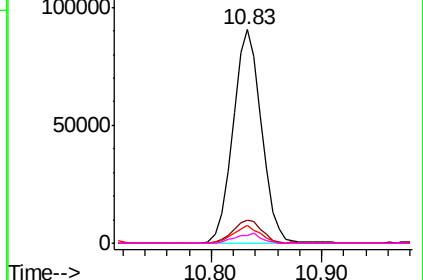
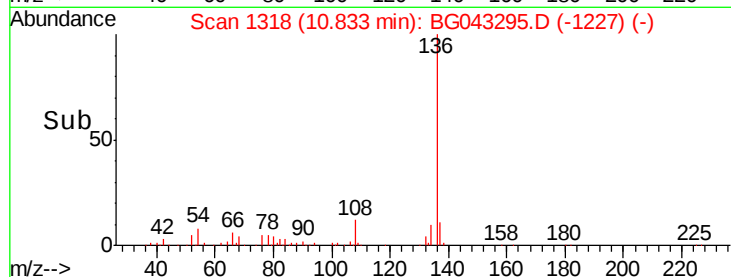


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 77.912 ng

RT: 8.85 min Scan# 981

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Tgt Ion:105 Resp: 328307

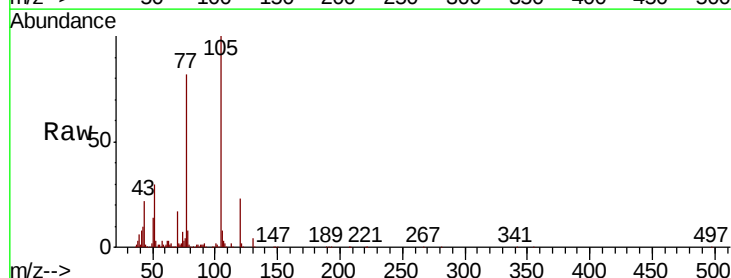
Ion Ratio Lower Upper

105 100

71 2.5 1.5 2.3#

51 29.7 23.9 35.9

120 22.7 17.3 25.9

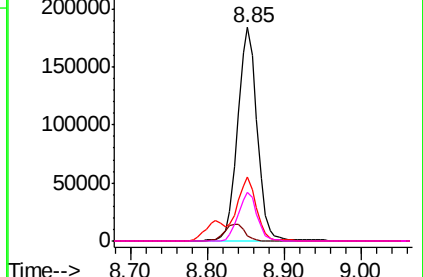
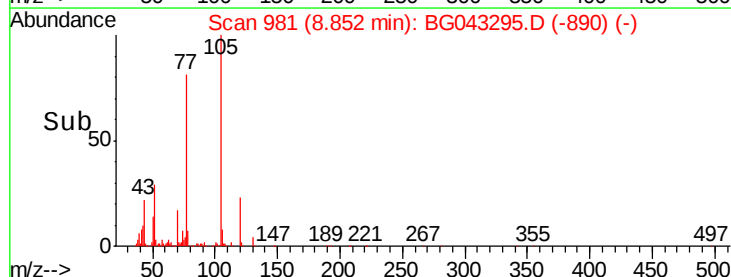


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

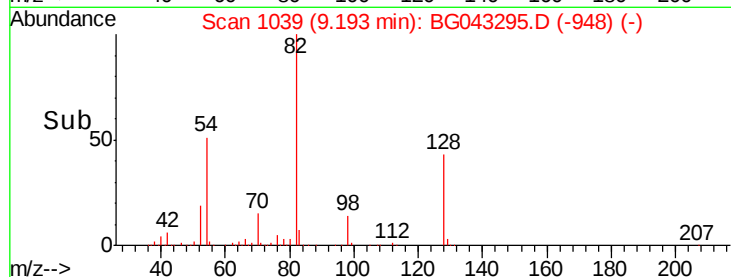
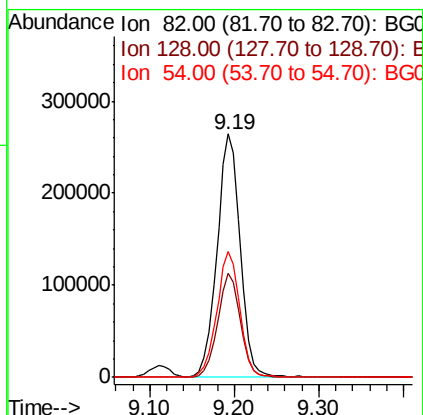
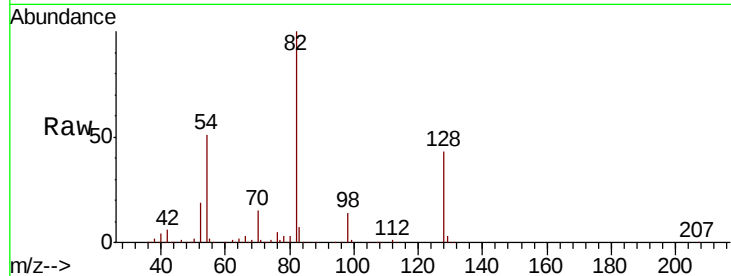




#23
 Nitrobenzene-d5
 Concen: 149.201 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

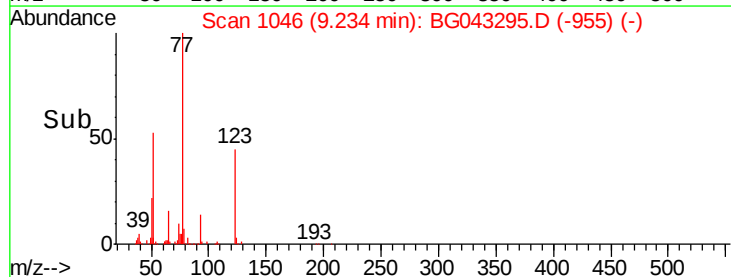
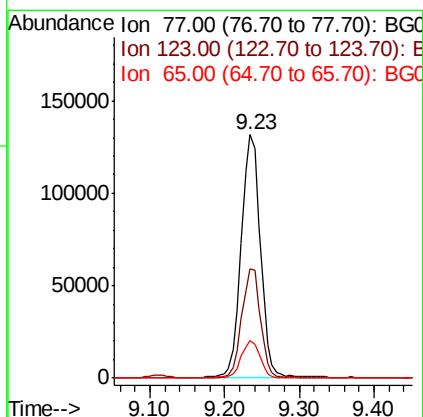
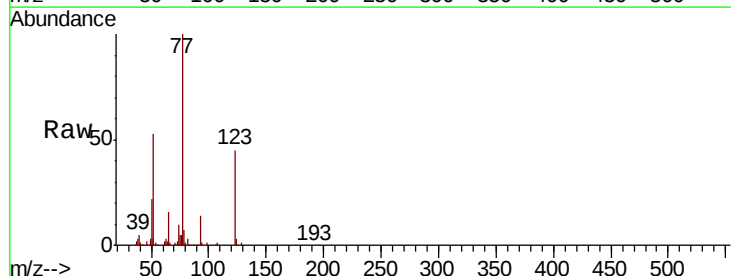
Instrument :
 BNA_G
 ClientSampleId :

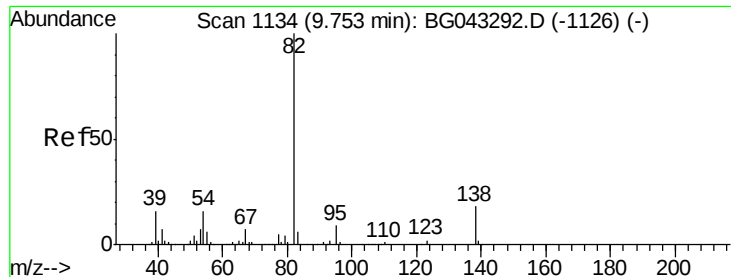
Tot Ion	82	Resp	501808
Ion Ratio	100	Lower	Upper
128	43.0	35.3	52.9
54	51.5	42.3	63.5



#24
 Nitrobenzene
 Concen: 73.319 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Tgt Ion	77	Resp	235213
Ion Ratio	100	Lower	Upper
123	44.8	33.8	50.8
65	15.5	13.0	19.4





#25

Isophorone

Concen: 76.059 ng

RT: 9.76 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

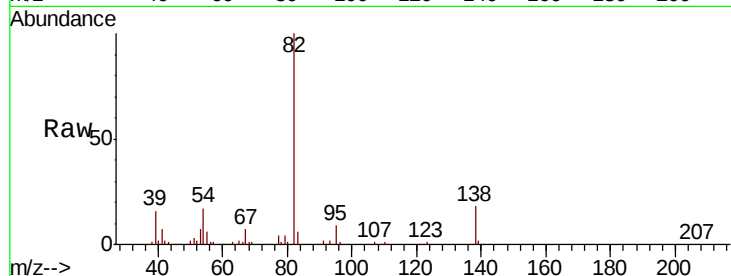
Tot Ion: 82 Resp: 449337

Ion Ratio Lower Upper

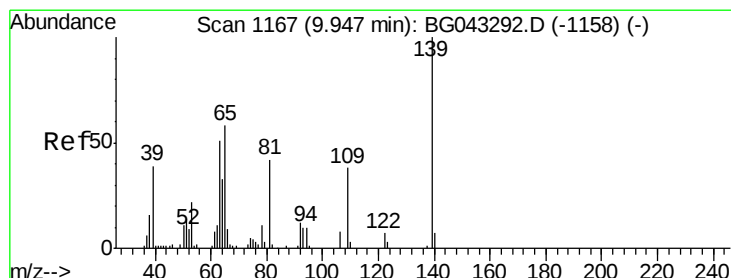
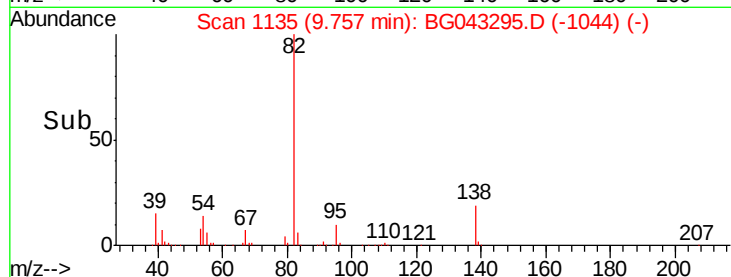
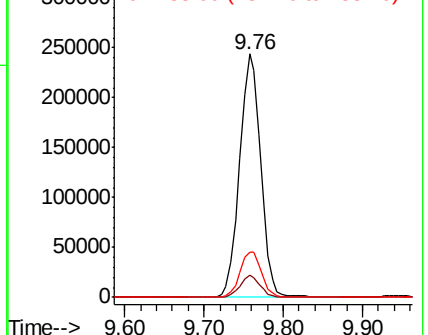
82 100

95 9.1 6.9 10.3

138 18.3 14.2 21.2



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



#26

2-Nitrophenol

Concen: 88.949 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

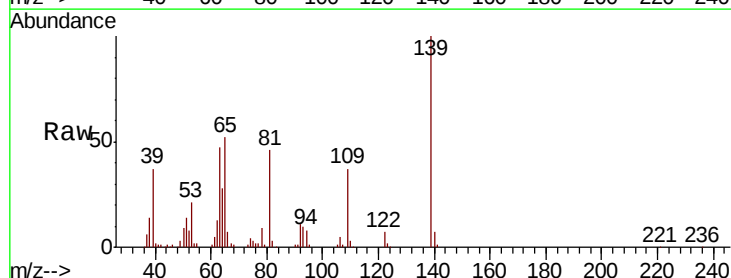
Tgt Ion: 139 Resp: 121475

Ion Ratio Lower Upper

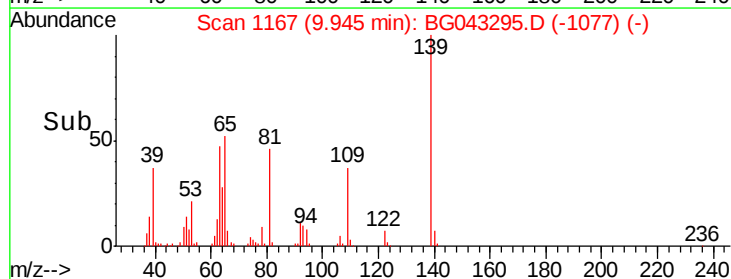
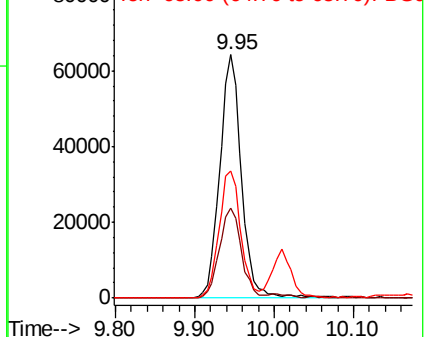
139 100

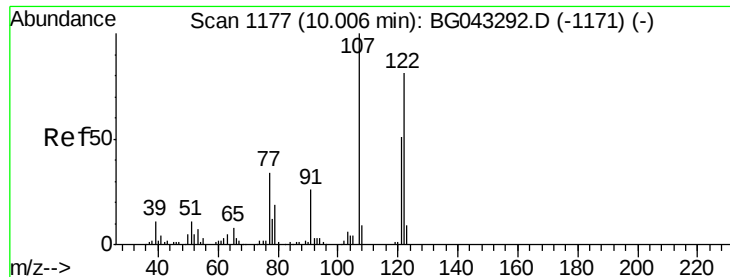
109 36.9 30.1 45.1

65 52.1 46.1 69.1



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

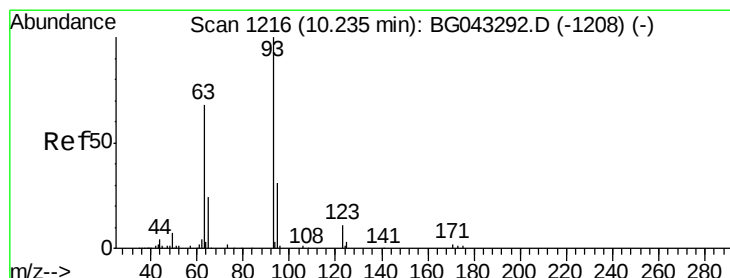
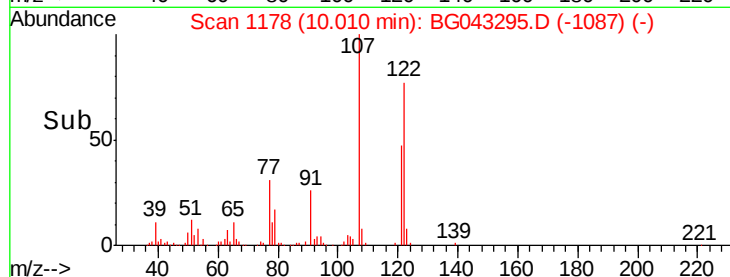
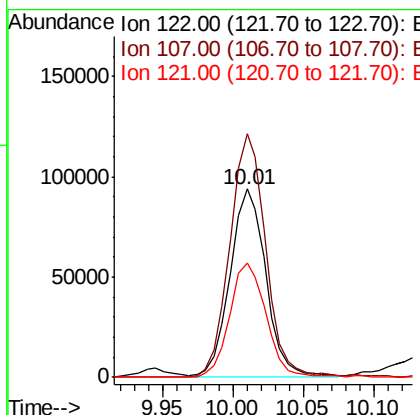
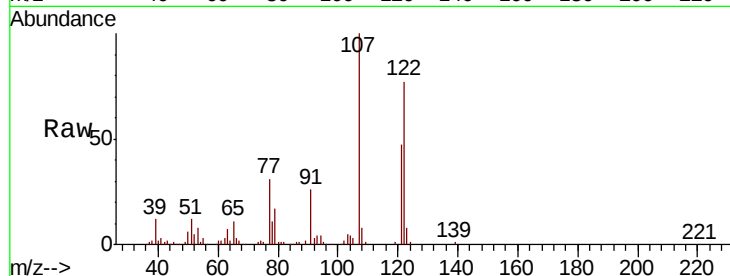




#27
 2,4-Dimethylphenol
 Concen: 78.676 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

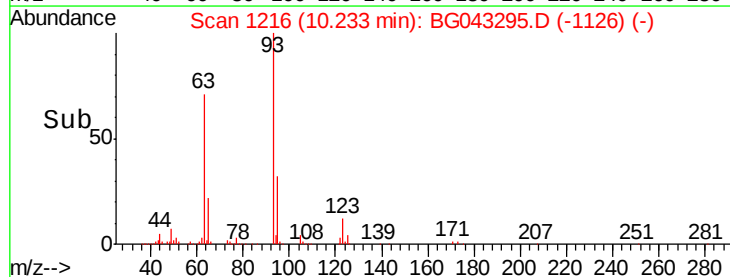
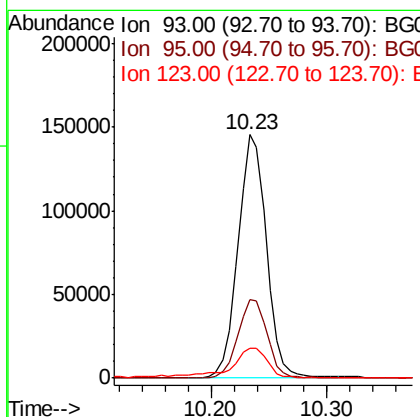
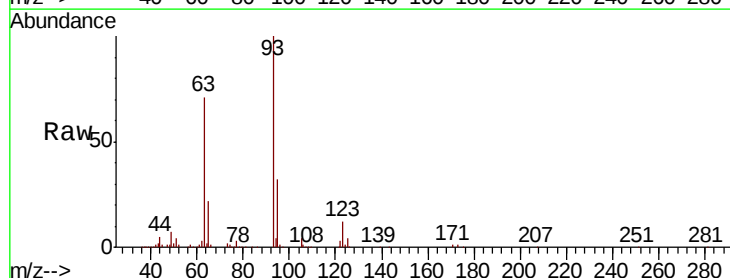
Instrument :
 BNA_G
 ClientSampleId :

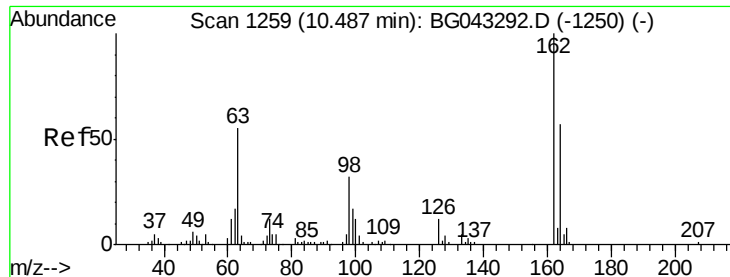
Tot Ion:122 Resp: 165007
 Ion Ratio Lower Upper
 122 100
 107 129.3 98.6 147.8
 121 60.7 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 73.672 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Tgt Ion: 93 Resp: 246939
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.9 37.3
 123 12.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 82.929 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

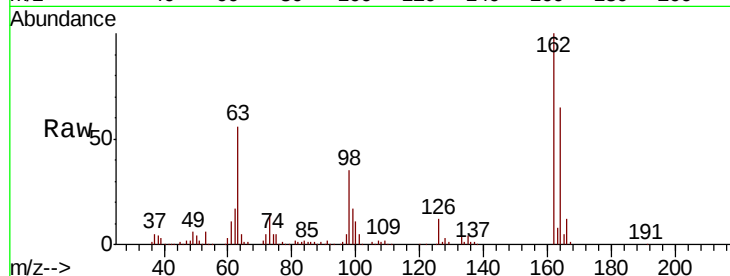
Tot Ion:162 Resp: 216311

Ion Ratio Lower Upper

162 100

164 64.9 37.3 77.3

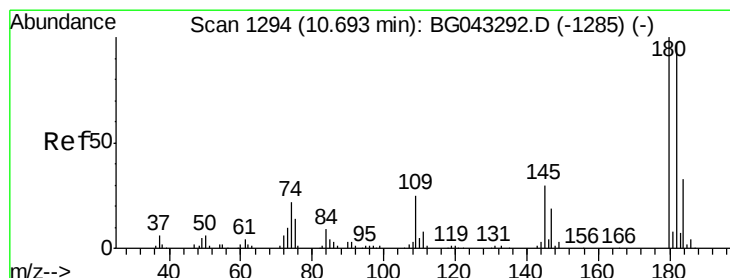
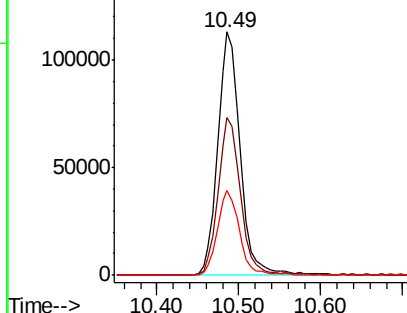
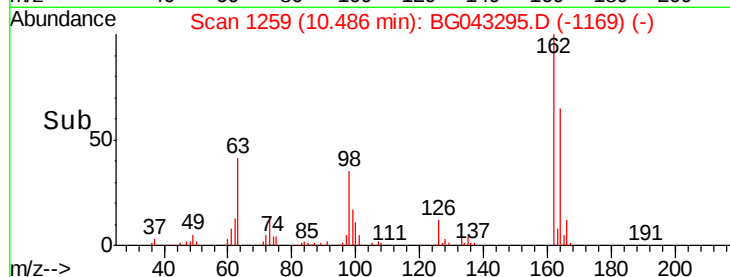
98 35.0 11.8 51.8



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 77.601 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

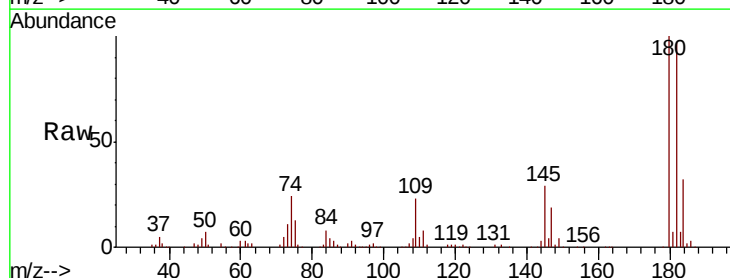
Tgt Ion:180 Resp: 261392

Ion Ratio Lower Upper

180 100

182 97.3 77.8 116.8

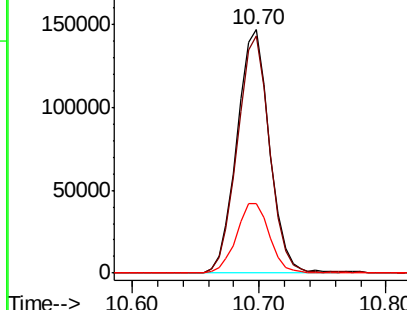
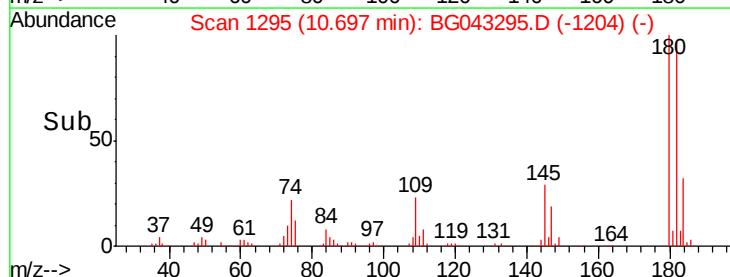
145 28.8 23.6 35.4

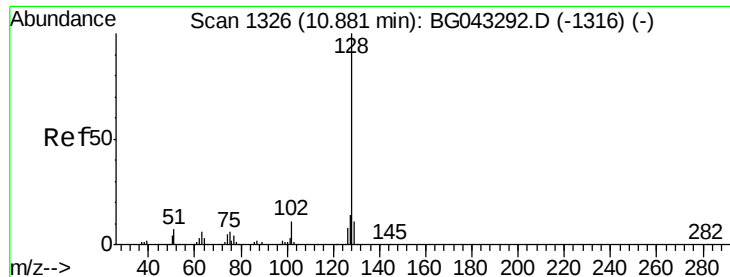


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

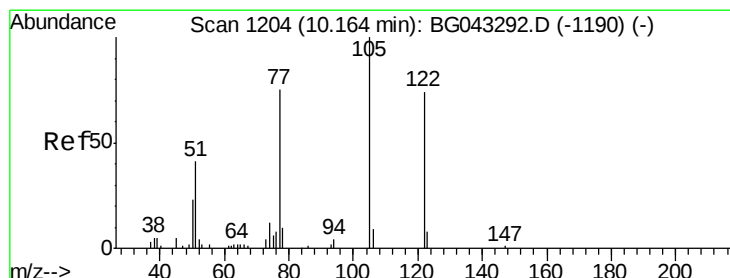
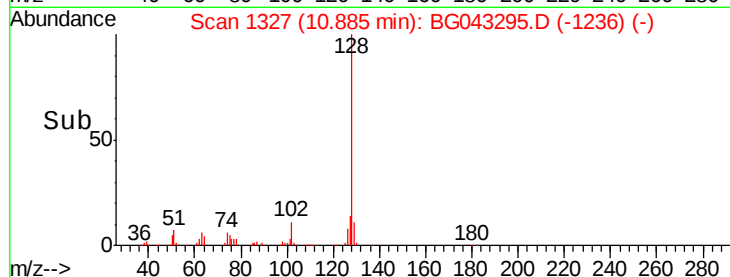
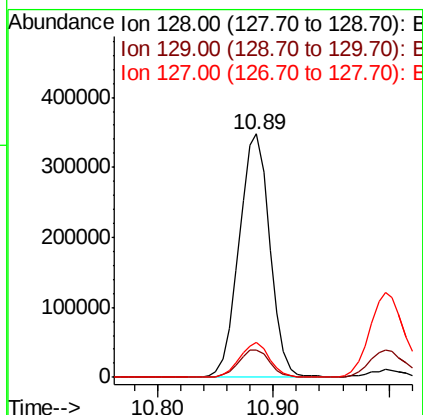
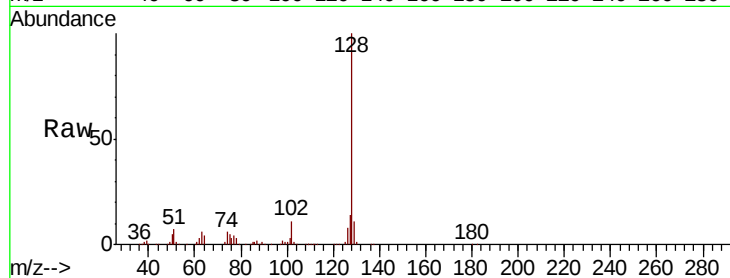




#31
Naphthalene
Concen: 79.773 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

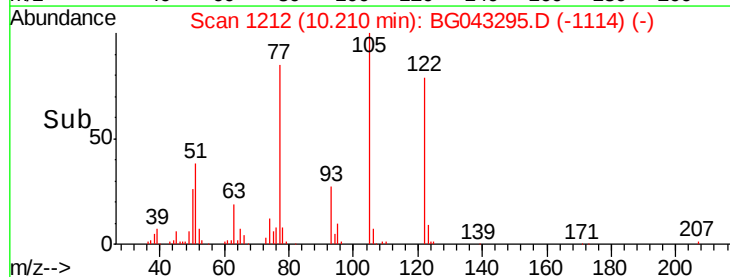
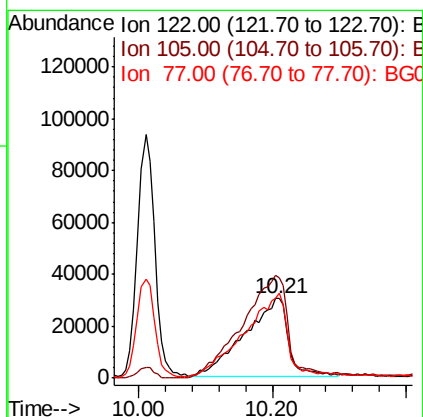
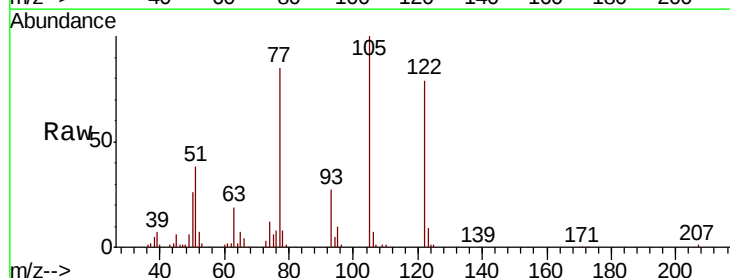
Instrument :
BNA_G
ClientSampleId :

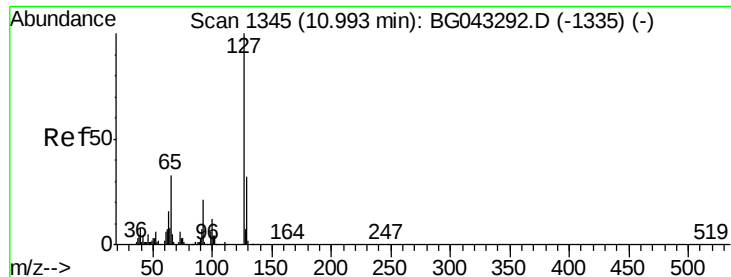
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.2	11.5	17.3



#32
Benzoic acid
Concen: 86.455 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.05 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	112.4	152.4
77	107.4	82.7	122.7





#33

4-Chloroaniline

Concen: 77.491 ng

RT: 11.00 min Scan# 1346

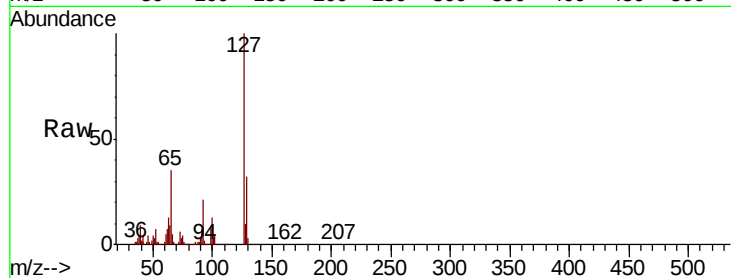
Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	270590
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	35.2	26.2	39.2
92	20.5	17.0	25.4



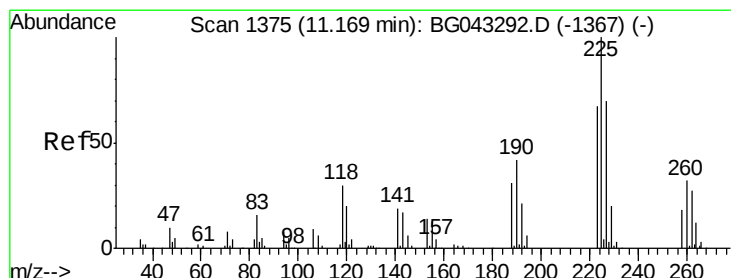
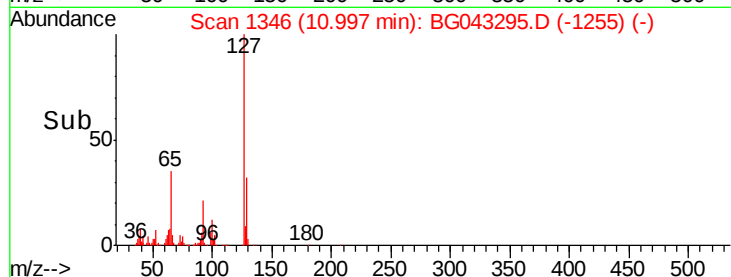
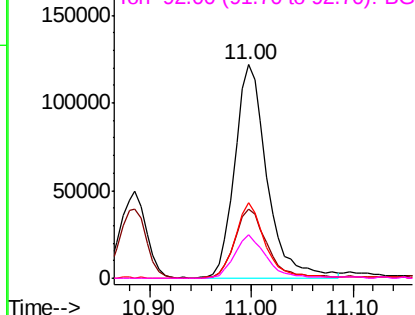
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 77.475 ng

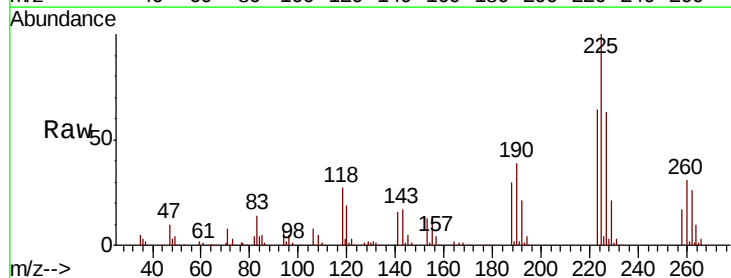
RT: 11.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Tgt Ion:	225	Resp:	195401
Ion	Ratio	Lower	Upper
225	100		
223	64.3	53.2	79.8
227	62.9	56.2	84.2

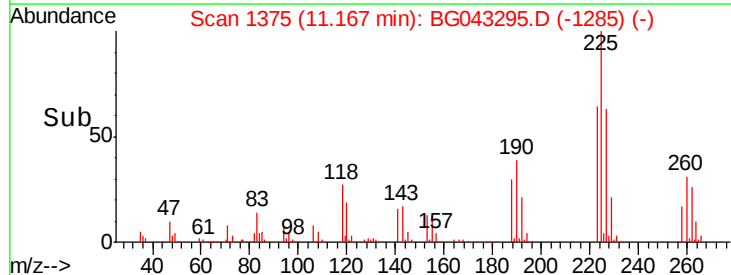
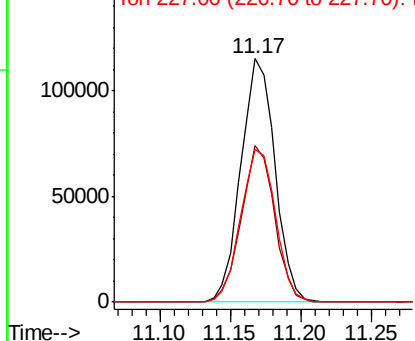


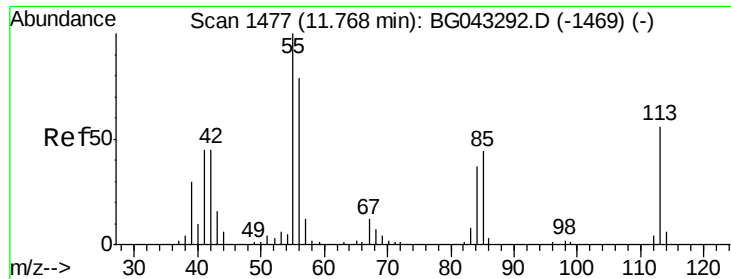
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

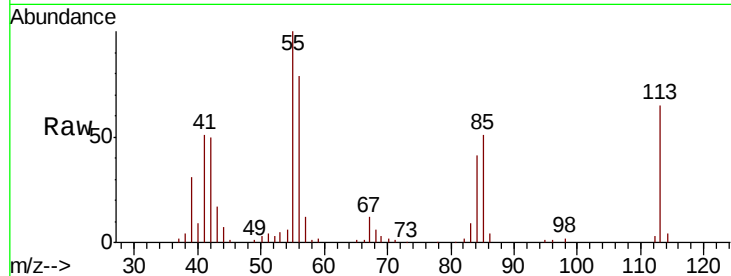




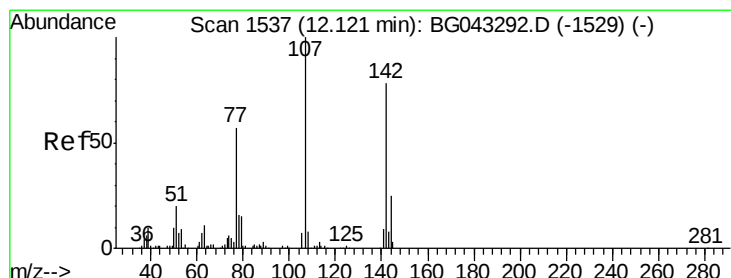
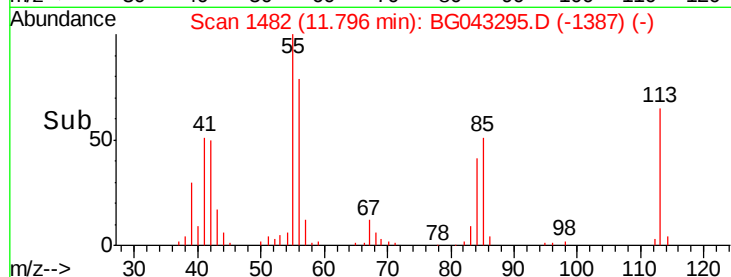
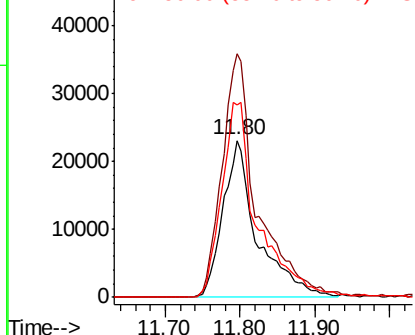
#35
Caprolactam
Concen: 80.324 ng
RT: 11.80 min Scan# 1482
Delta R.T. 0.03 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 73886
Ion Ratio Lower Upper
113 100
55 154.9 158.9 198.9#
56 122.7 121.4 161.4

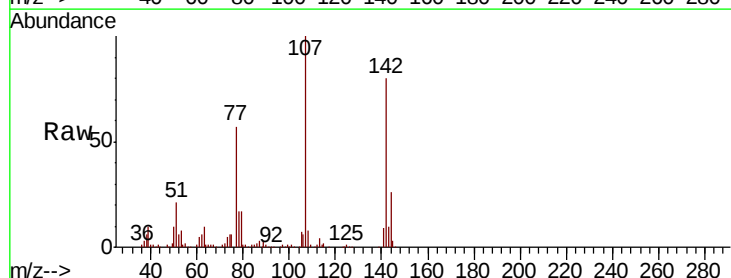


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

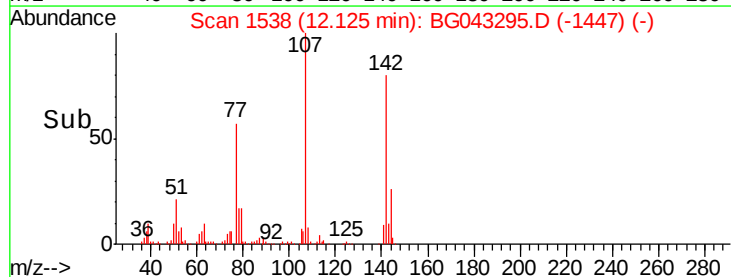
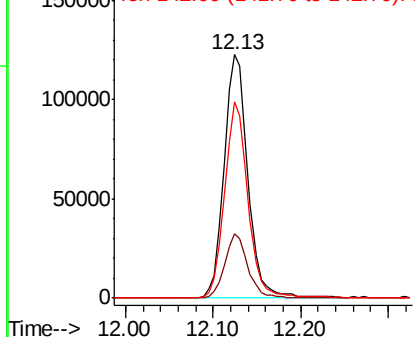


#36
4-Chloro-3-methylphenol
Concen: 80.927 ng
RT: 12.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion:107 Resp: 229516
Ion Ratio Lower Upper
107 100
144 26.4 19.9 29.9
142 80.4 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

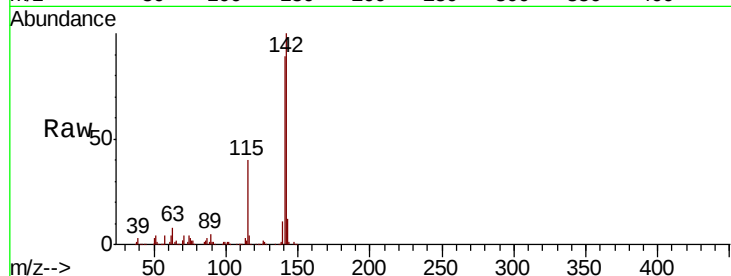




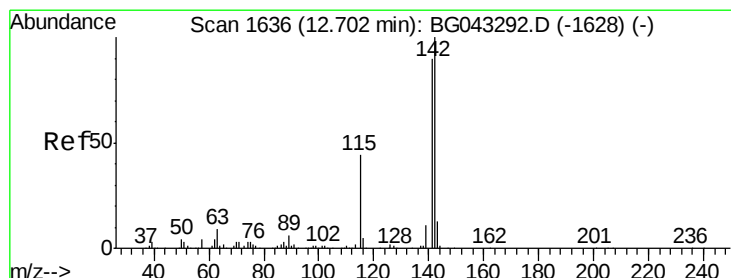
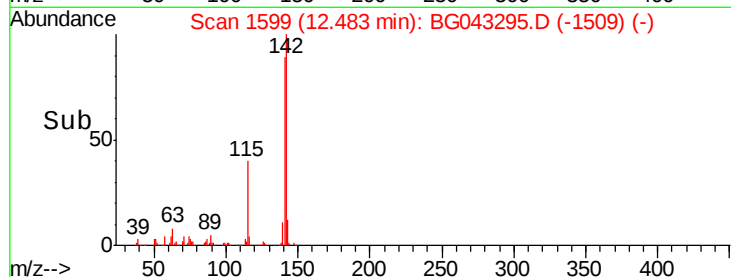
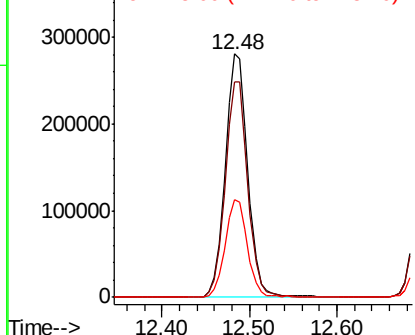
#37
2-Methylnaphthalene
Concen: 80.658 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.7	104.5
115	40.1	30.6	46.0

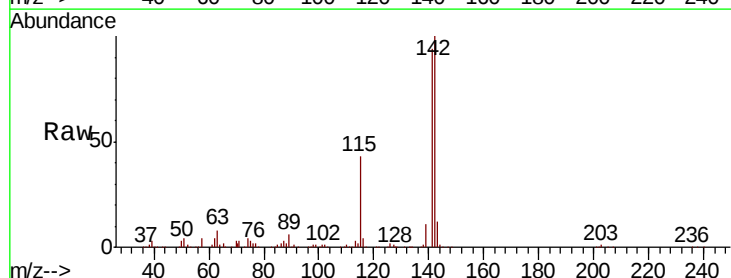


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

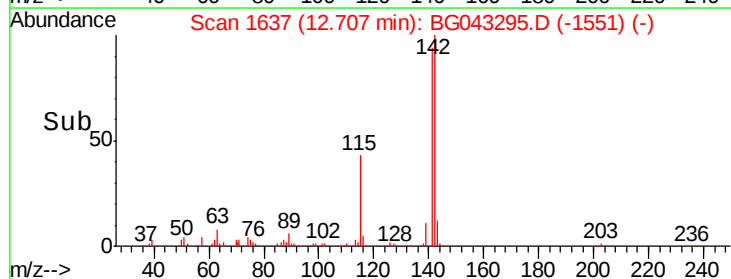
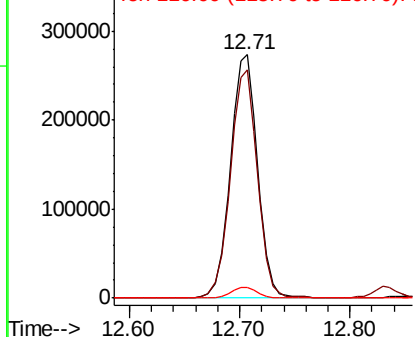


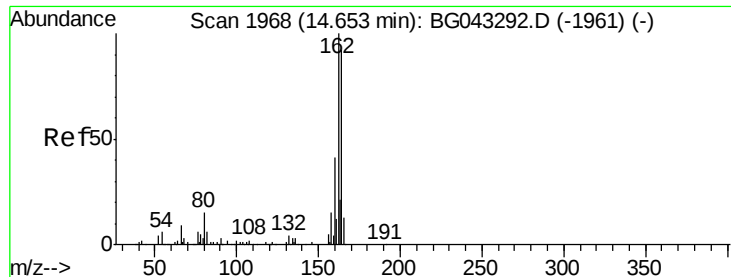
#38
1-Methylnaphthalene
Concen: 80.595 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.3	108.5
116	4.5	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: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

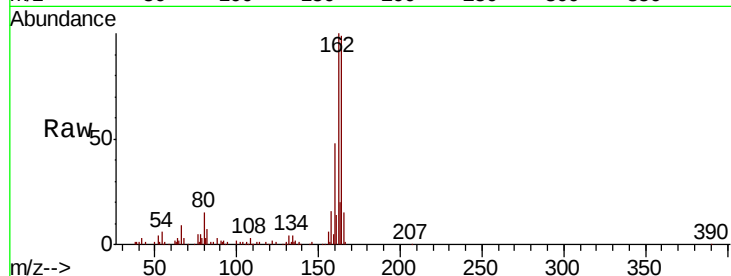
Tot Ion:164 Resp: 119170

Ion Ratio Lower Upper

164 100

162 101.0 87.0 130.4

160 48.1 35.5 53.3

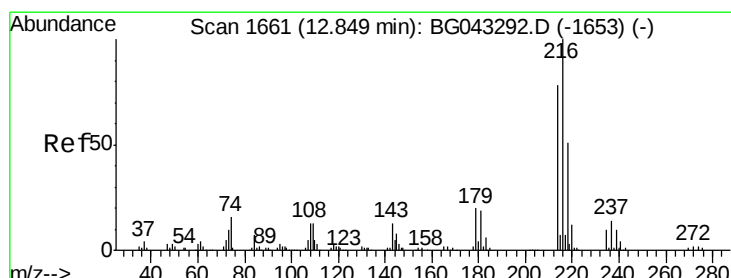
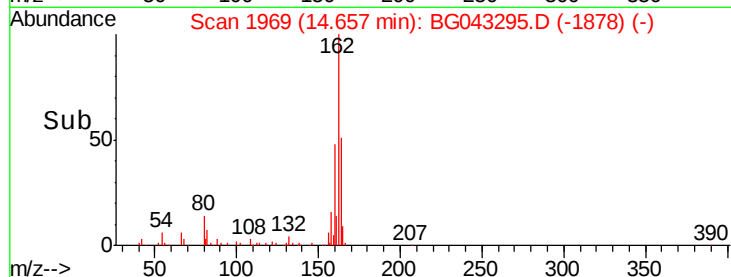
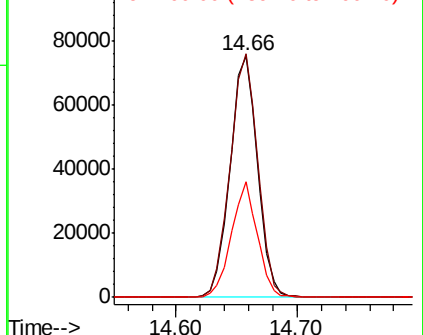


Abundance

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: 77.689 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Tgt Ion:216 Resp: 348099

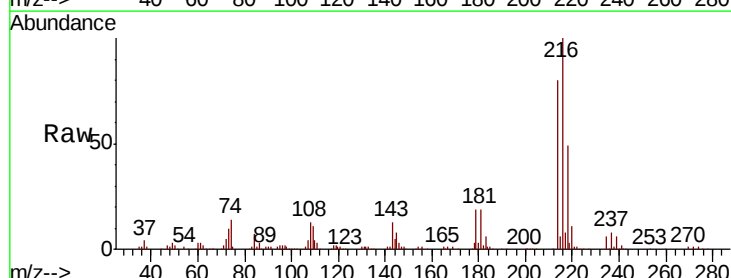
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 19.6 16.2 24.2

108 14.5 11.2 16.8



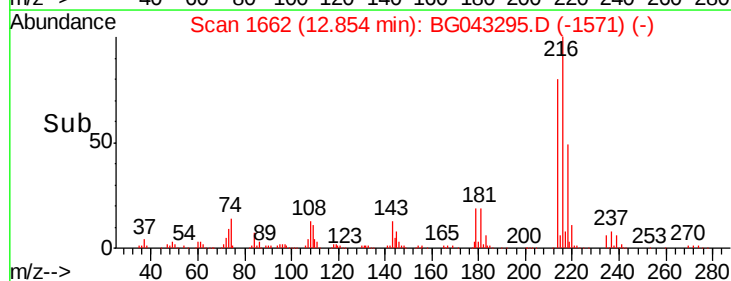
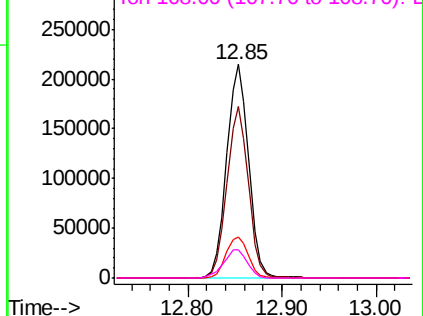
Abundance

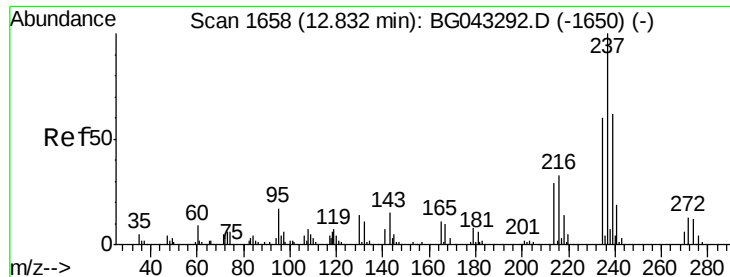
Ion 216.00 (215.70 to 216.70): E

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: 70.706 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

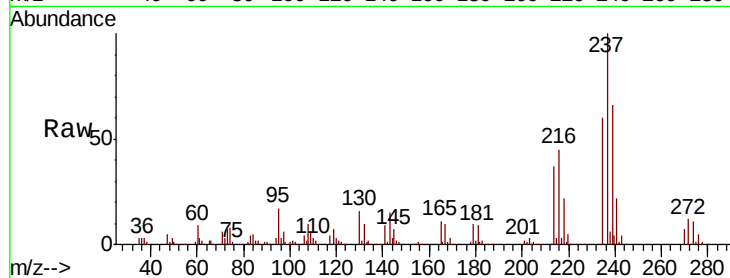
Tot Ion:237 Resp: 201859

Ion	Ratio	Lower	Upper
237	100		
235	59.7	40.3	80.3
272	11.7	0.0	32.9

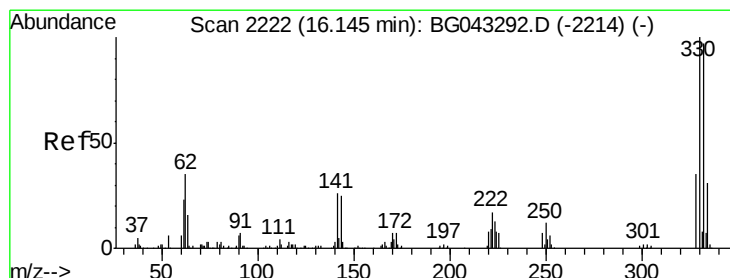
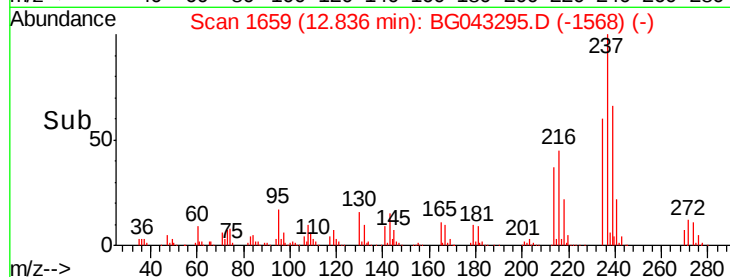
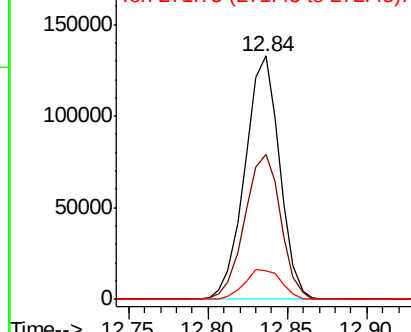
237 100

235 59.7 40.3 80.3

272 11.7 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: 171.128 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

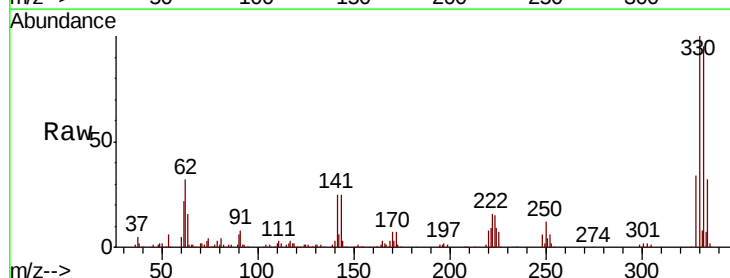
Tgt Ion:330 Resp: 350677

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	27.9	21.4	32.0

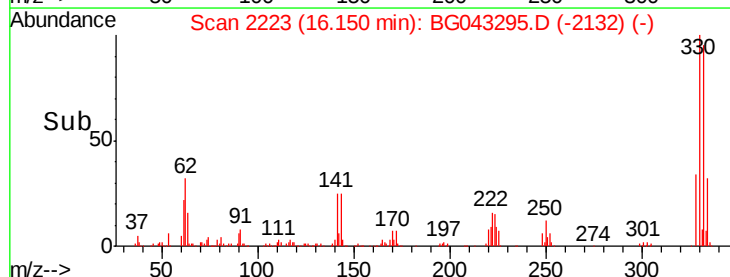
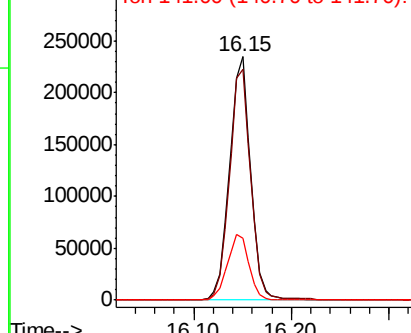
330 100

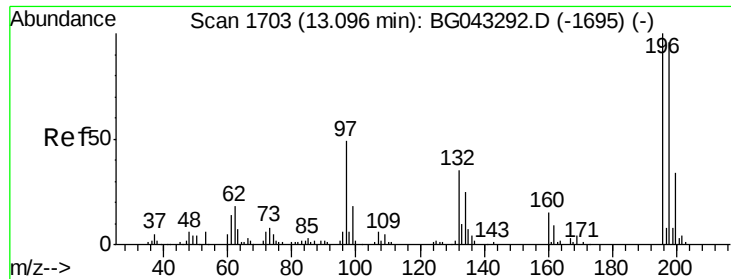
332 96.1 76.4 114.6

141 27.9 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

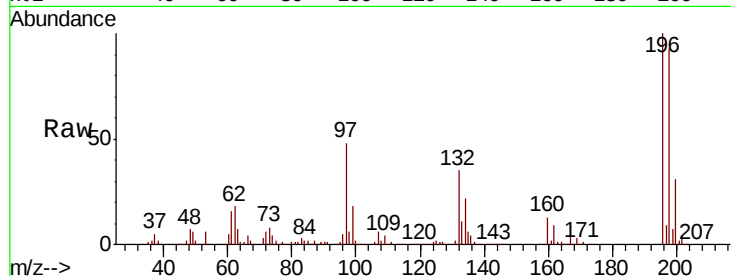




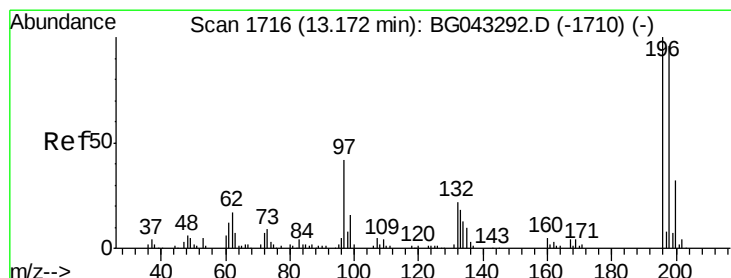
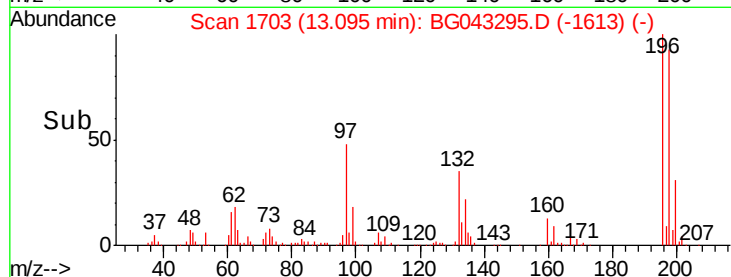
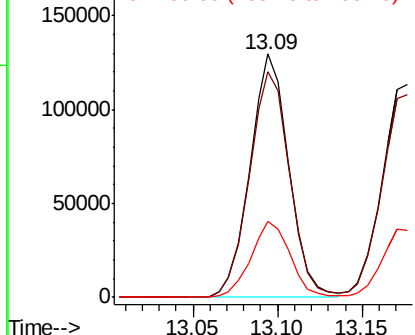
#43
 2,4,6-Trichlorophenol
 Concen: 78.976 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 207121
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.0 115.4
 200 31.2 27.4 41.2



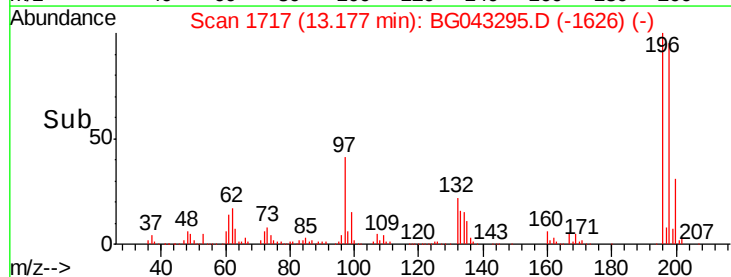
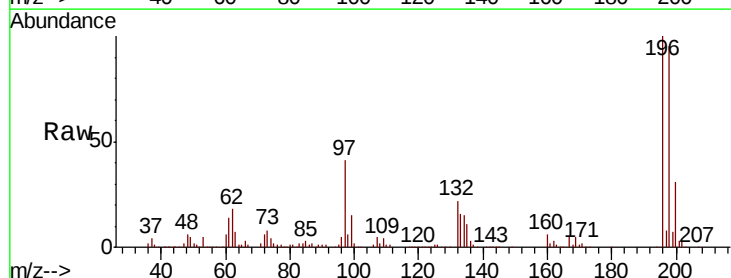
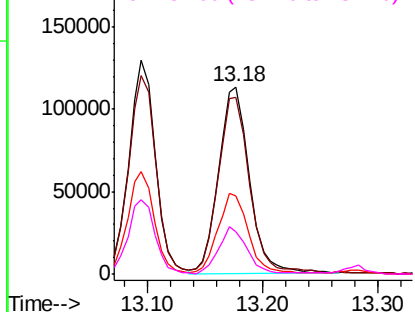
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

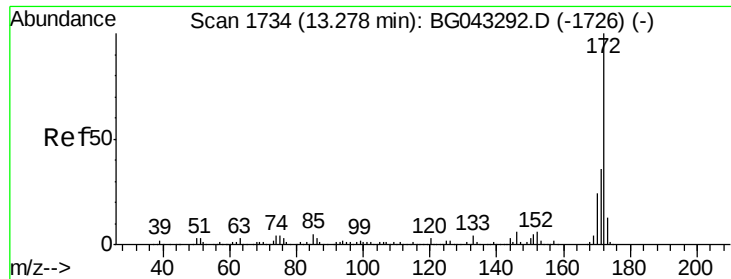


#44
 2,4,5-Trichlorophenol
 Concen: 77.203 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Tgt Ion:196 Resp: 208576
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 97 41.5 34.1 51.1
 132 22.4 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



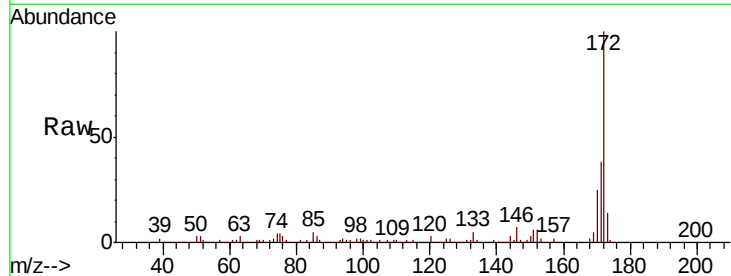


#45
 2-Fluorobiphenyl
 Concen: 157.652 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

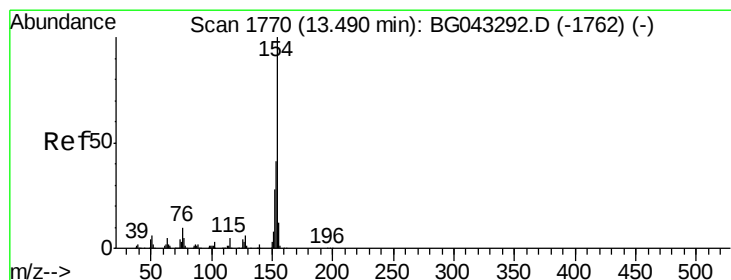
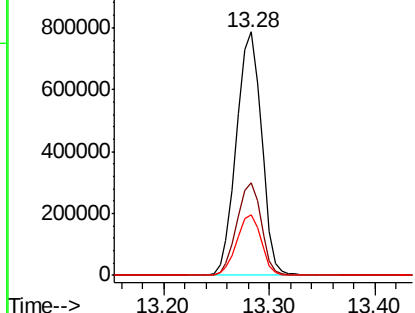
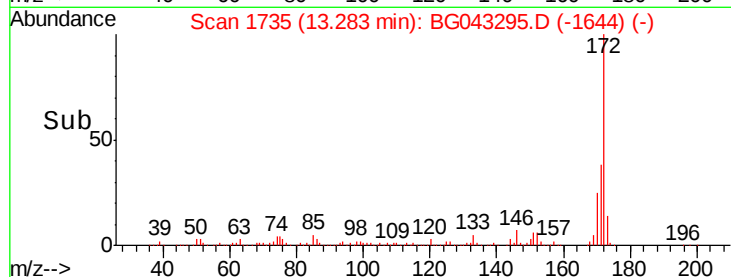
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1295951

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.5	42.7
170	25.1	18.8	28.2



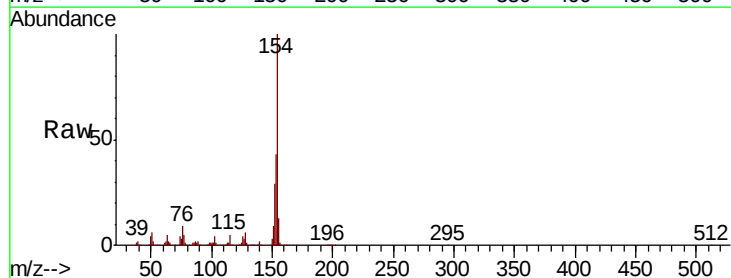
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



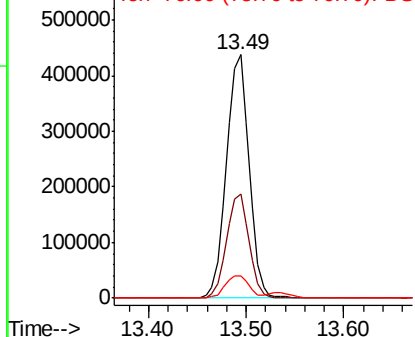
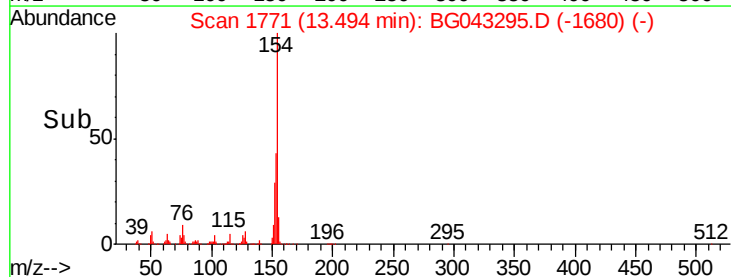
#46
 1,1'-Biphenyl
 Concen: 77.942 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

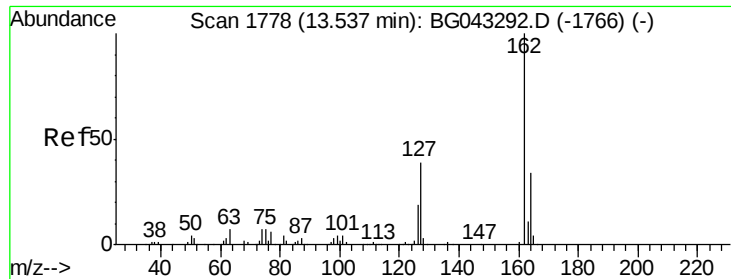
Tgt Ion:154 Resp: 704375

Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.0	61.0
76	9.3	0.0	29.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

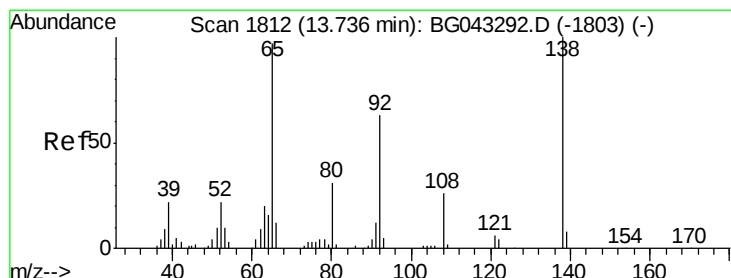
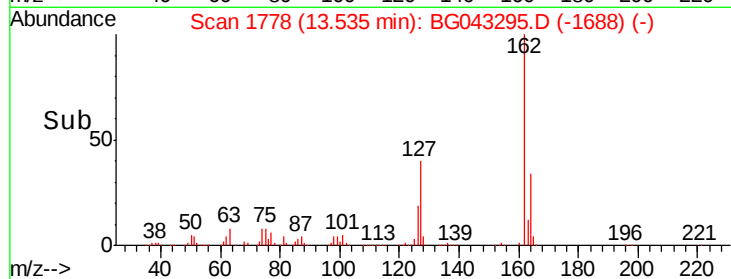
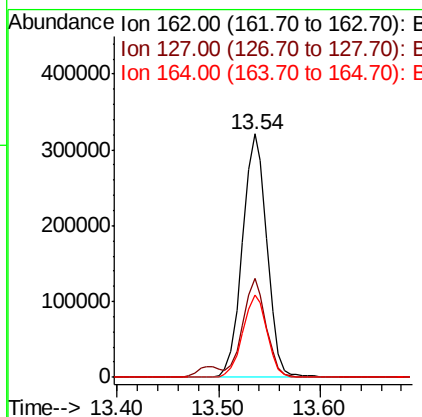
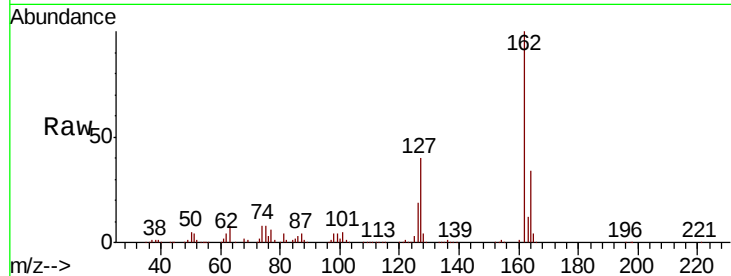




#47
2-Chloronaphthalene
Concen: 79.285 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

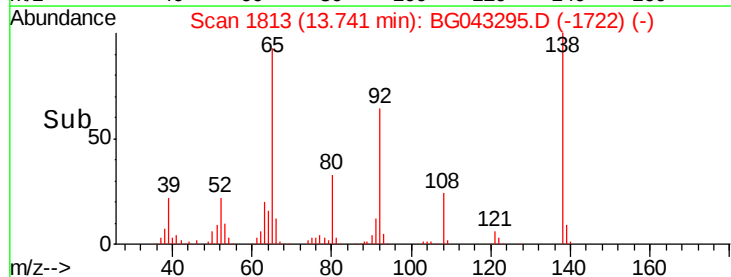
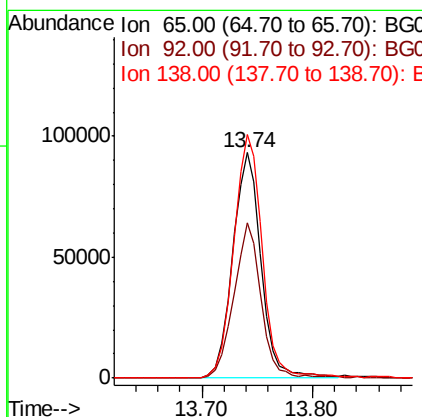
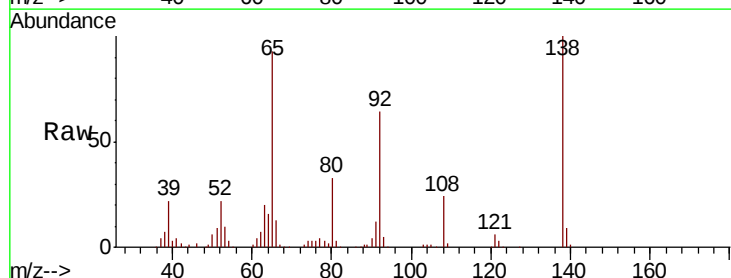
Instrument :
BNA_G
ClientSampleId :

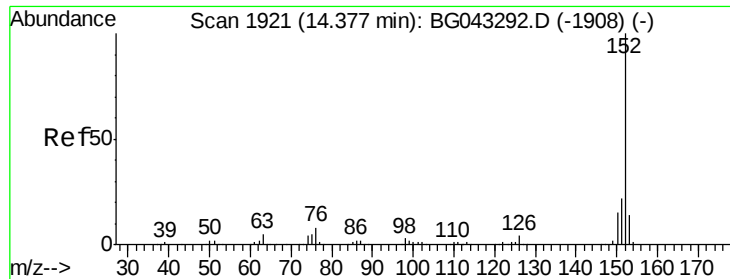
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.3	46.9
164	34.1	26.8	40.2



#48
2-Nitroaniline
Concen: 74.413 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	52.6	79.0
138	108.0	82.9	124.3





#49

Acenaphthylene

Concen: 79.219 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

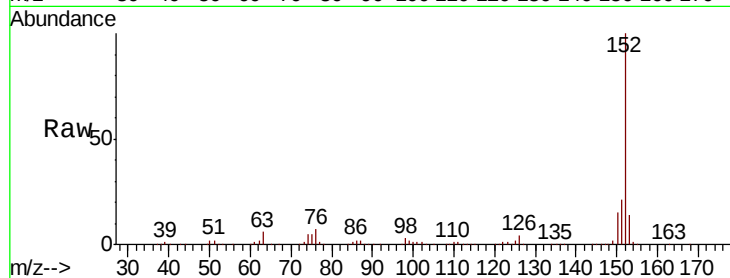
Tot Ion:152 Resp: 821320

Ion Ratio Lower Upper

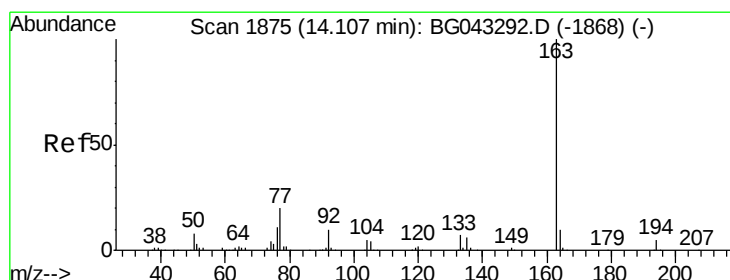
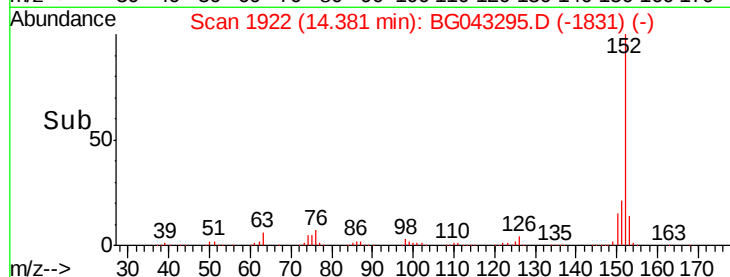
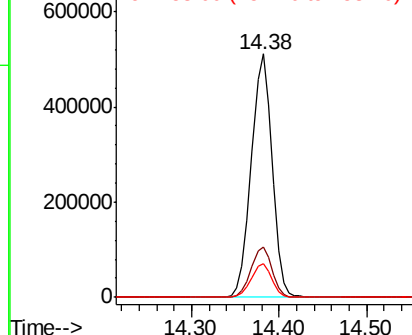
152 100

151 20.8 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: 78.216 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

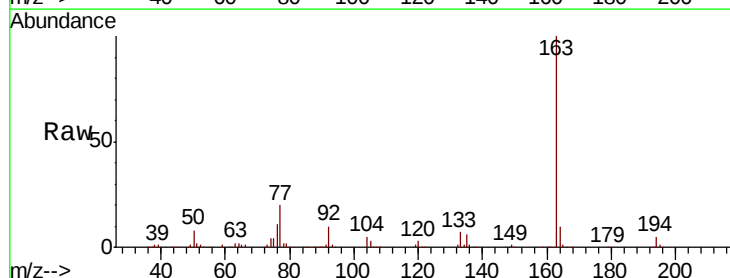
Tgt Ion:163 Resp: 698386

Ion Ratio Lower Upper

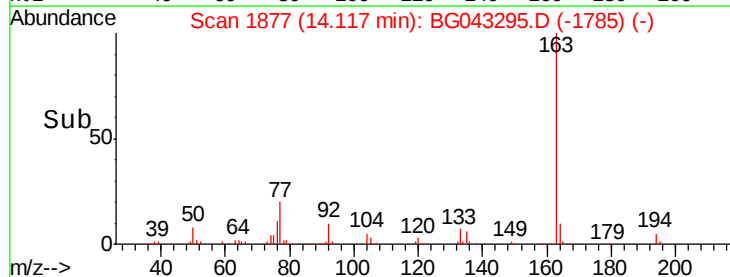
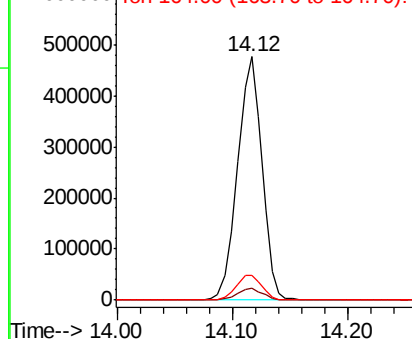
163 100

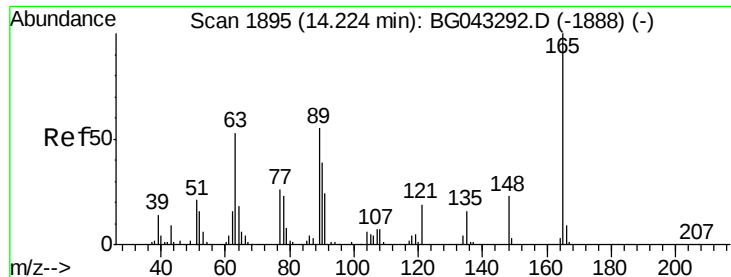
194 4.7 3.7 5.5

164 10.3 8.1 12.1



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

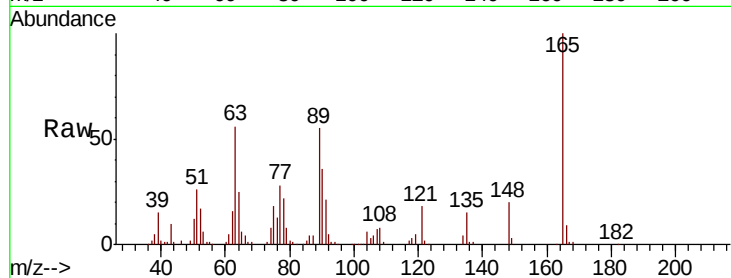




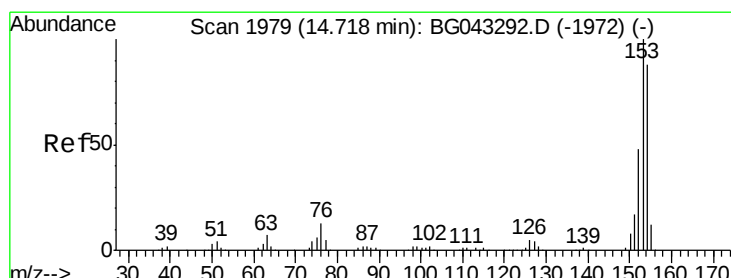
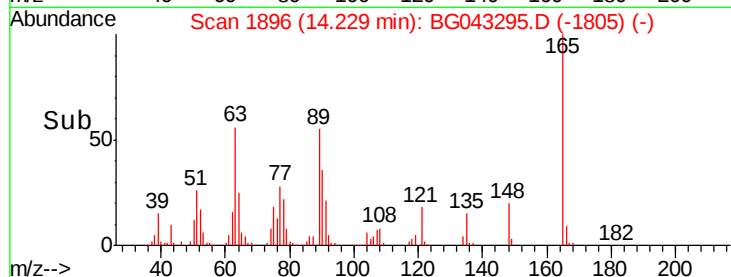
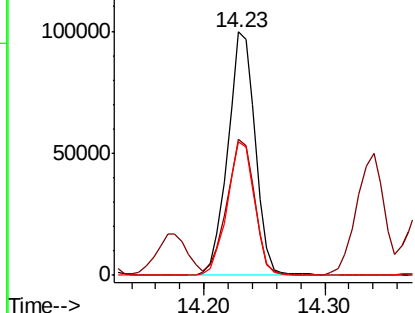
#51
 2,6-Dinitrotoluene
 Concen: 82.676 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.9	47.1	70.7
89	54.6	43.7	65.5

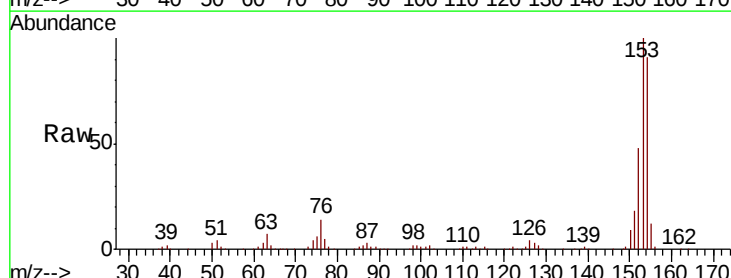


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

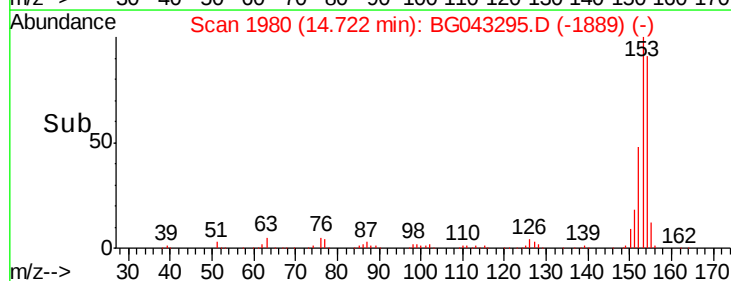
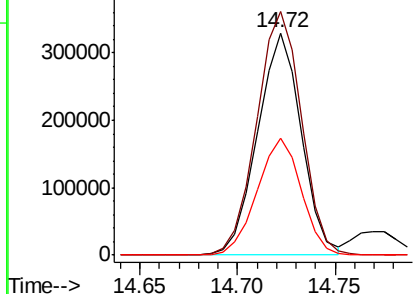


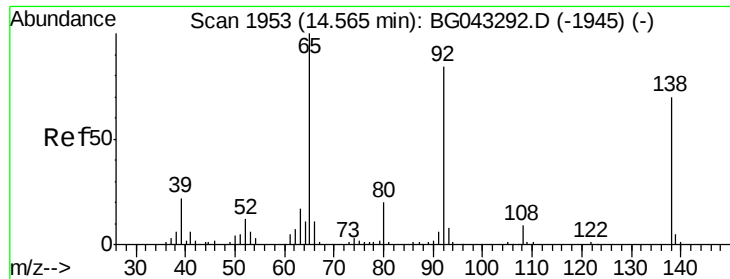
#52
 Acenaphthene
 Concen: 73.726 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	90.9	136.3
152	52.6	43.9	65.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 79.660 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

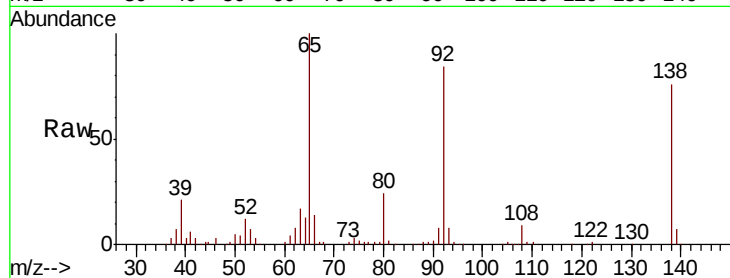
Tot Ion:138 Resp: 156539

Ion Ratio Lower Upper

138 100

108 12.2 9.8 14.6

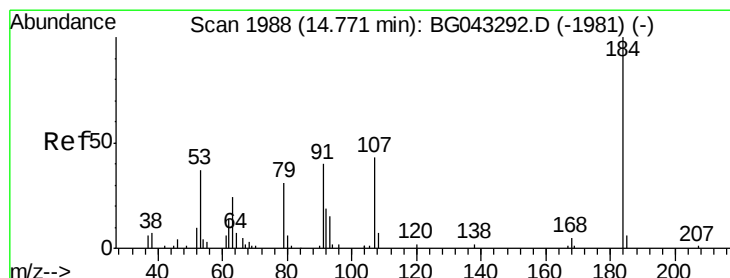
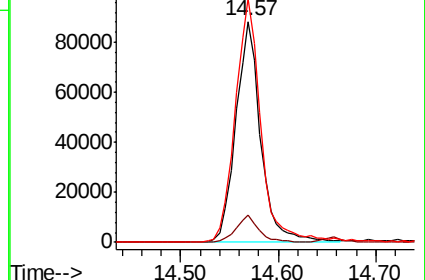
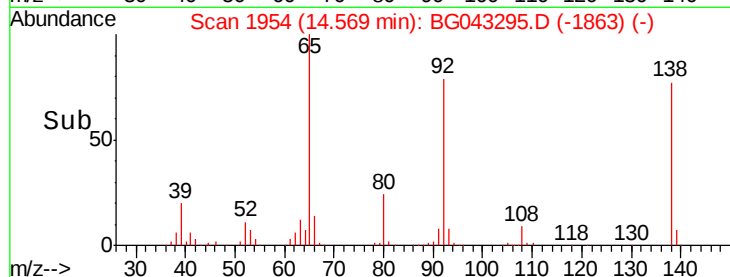
92 110.4 95.8 143.6



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: 82.869 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

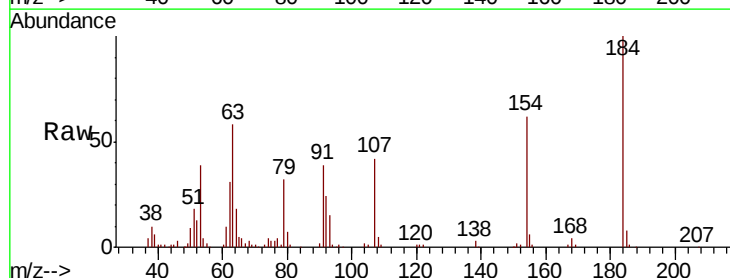
Tgt Ion:184 Resp: 97946

Ion Ratio Lower Upper

184 100

63 58.0 48.8 73.2

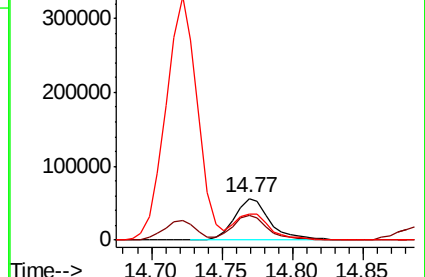
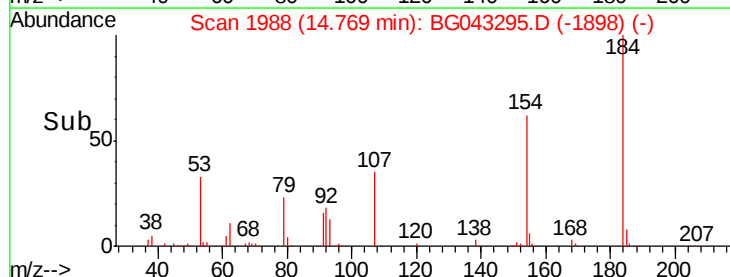
154 61.5 49.4 74.0

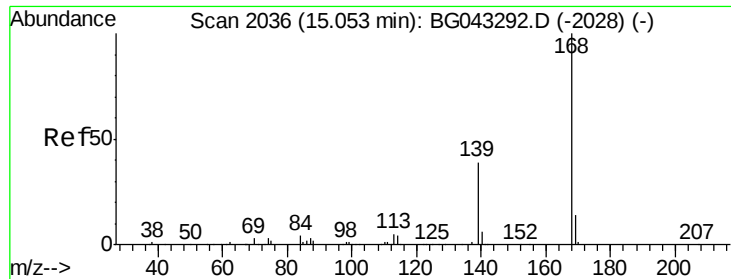


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

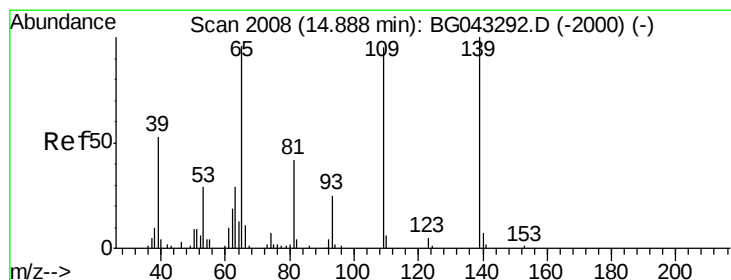
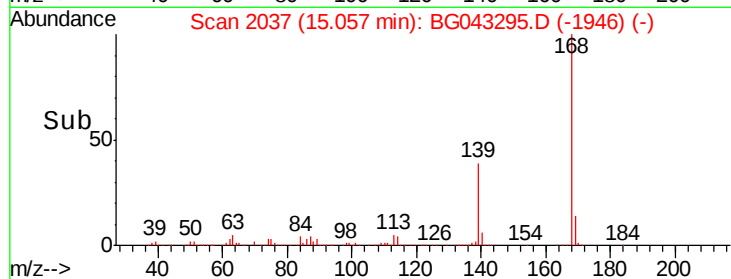
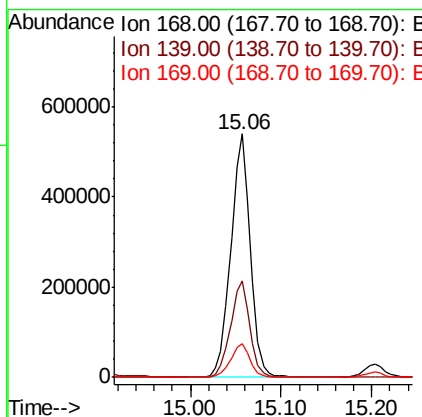
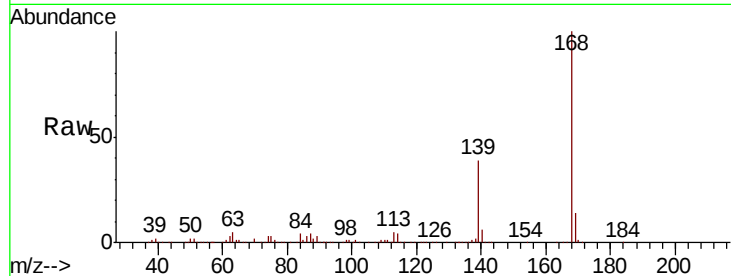




#55
Dibenzenofuran
Concen: 78.920 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

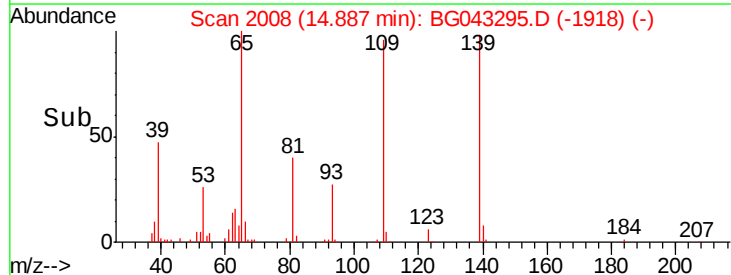
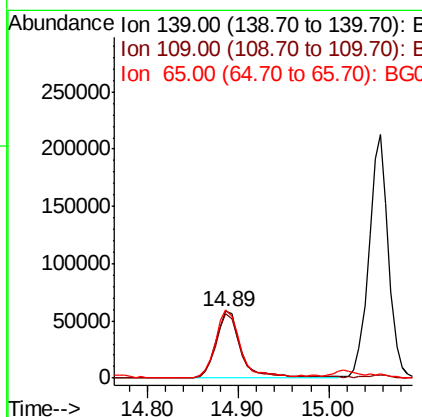
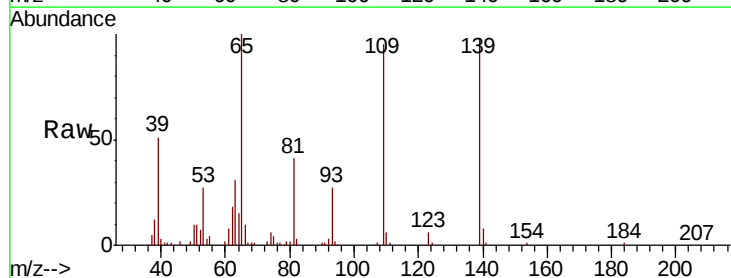
Instrument :
BNA_G
ClientSampleId :

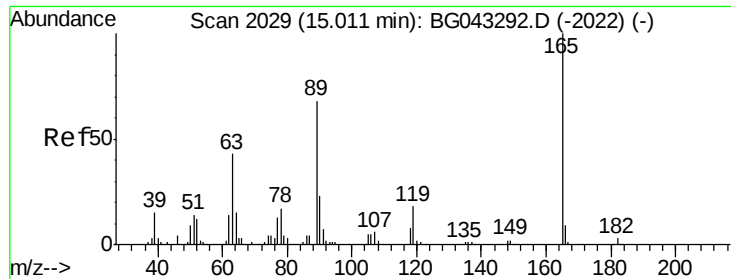
Tot Ion:168 Resp: 810164
Ion Ratio Lower Upper
168 100
139 39.4 31.7 47.5
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 76.834 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion:139 Resp: 115042
Ion Ratio Lower Upper
139 100
109 97.5 75.4 115.4
65 102.3 76.6 116.6

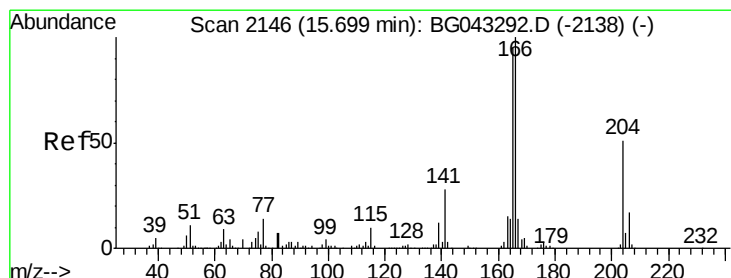
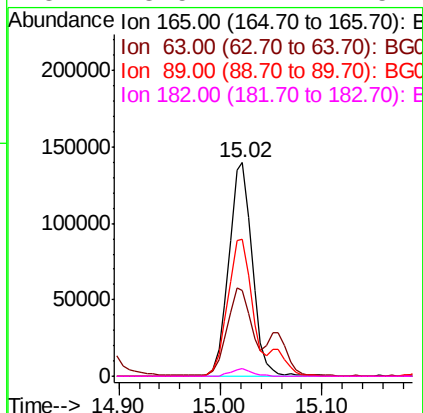
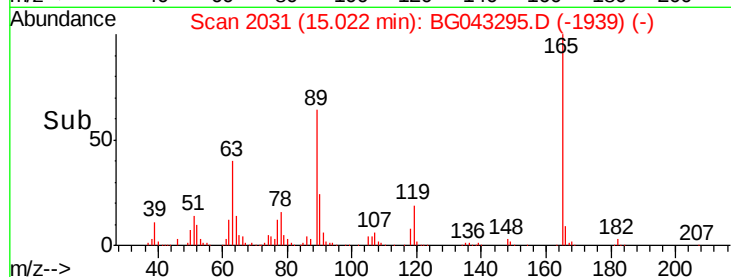
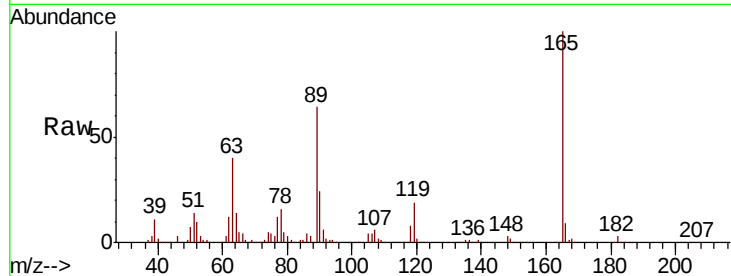




#57
2,4-Dinitrotoluene
Concen: 80.403 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

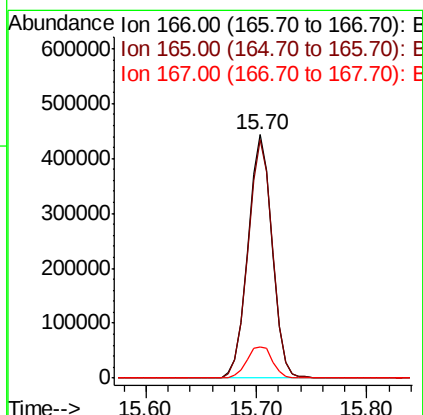
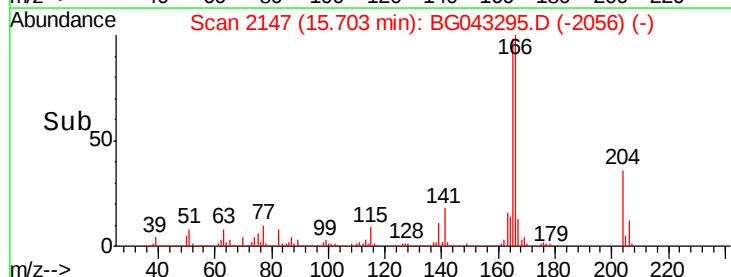
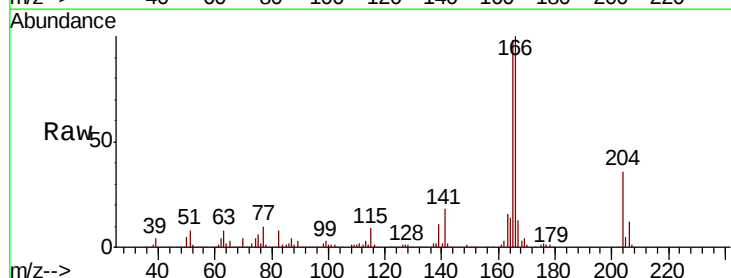
Instrument :
BNA_G
ClientSampleId :

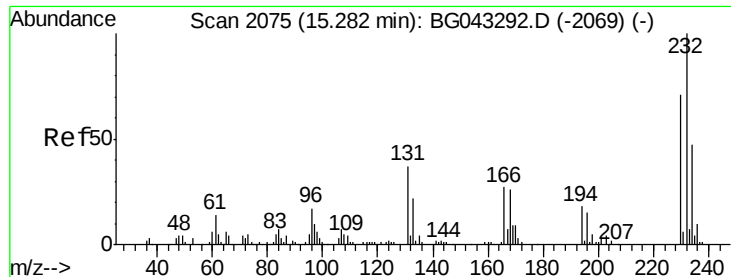
Tot Ion:165 Resp: 223885
Ion Ratio Lower Upper
165 100
63 40.4 35.0 52.6
89 63.9 54.1 81.1
182 3.5 2.2 3.2#



#58
Fluorene
Concen: 77.809 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion:166 Resp: 681949
Ion Ratio Lower Upper
166 100
165 97.8 76.4 114.6
167 13.0 11.1 16.7

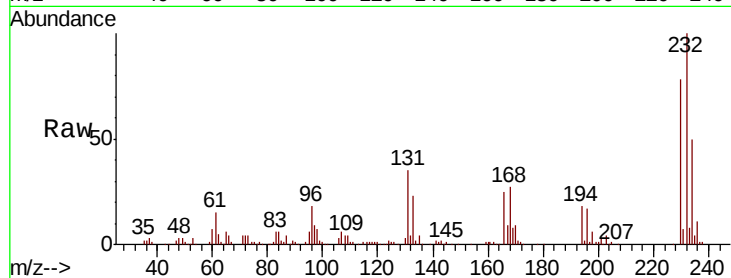




#59
2,3,4,6-Tetrachlorophenol
Concen: 72.969 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.5	28.7	43.1
130	2.3	0.6	0.8
166	26.4	21.1	31.7



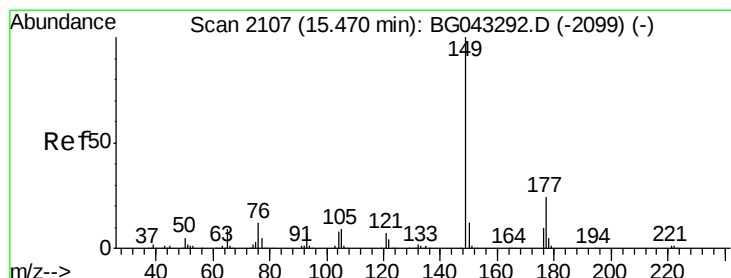
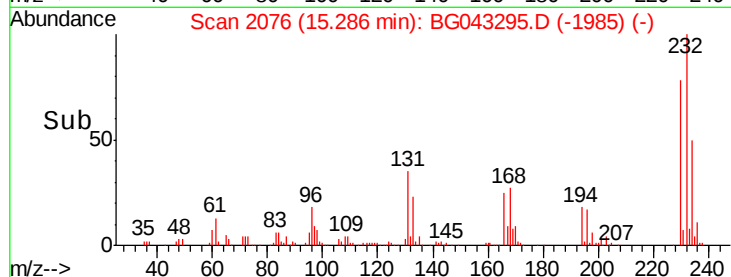
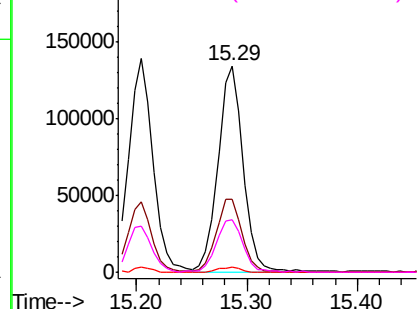
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

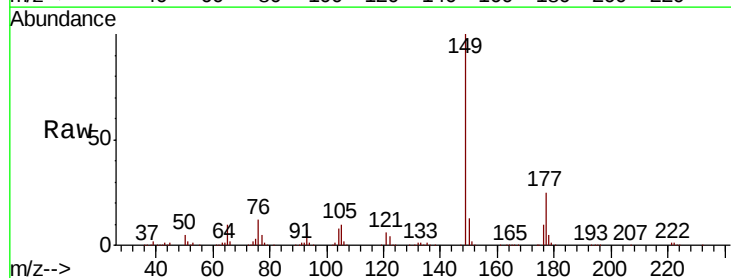
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 76.502 ng
RT: 15.47 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	19.0	28.4
150	13.3	9.4	14.0

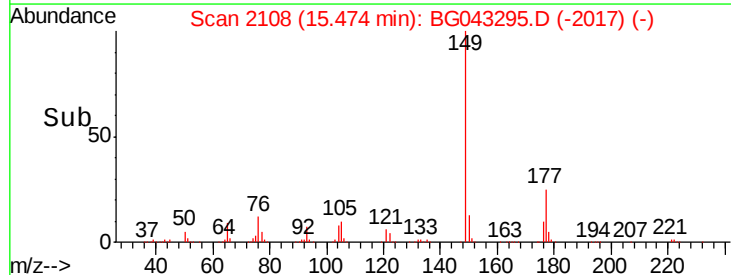
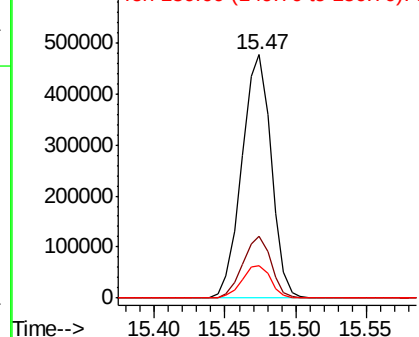


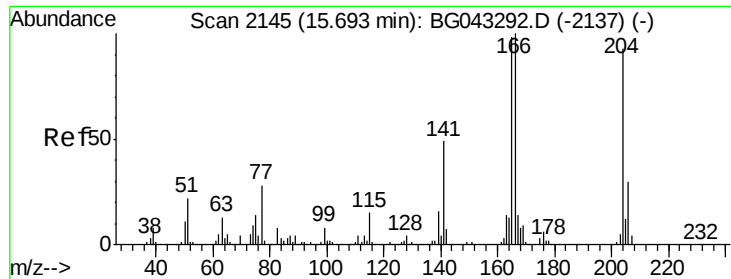
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

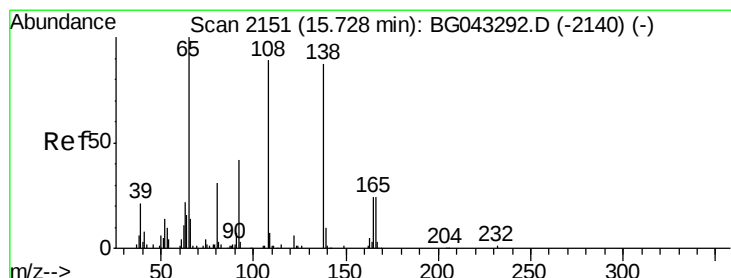
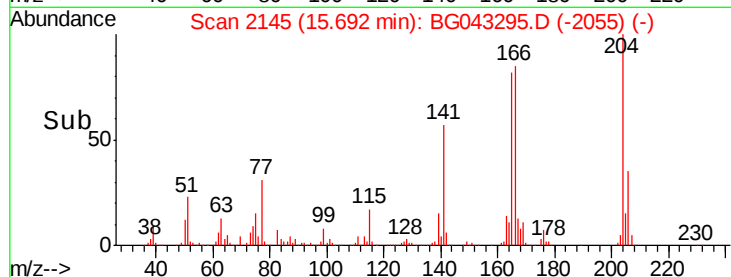
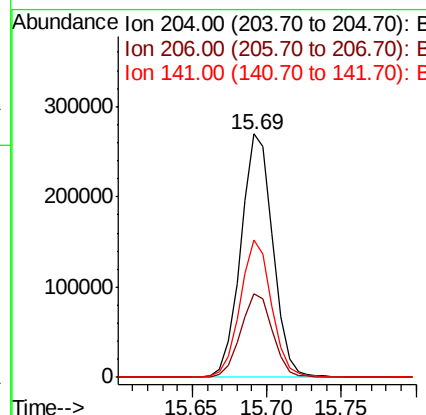
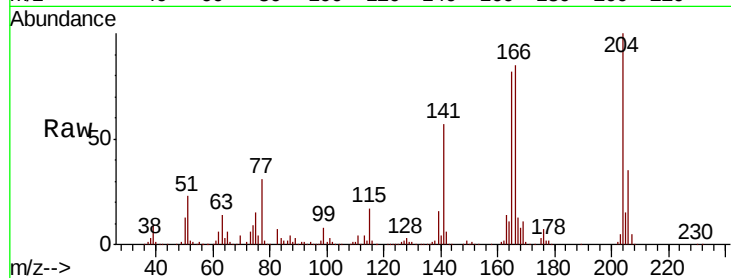




#61
4-Chlorophenyl-phenylether
Concen: 76.273 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

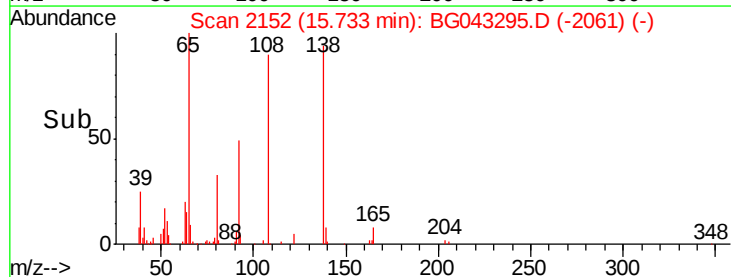
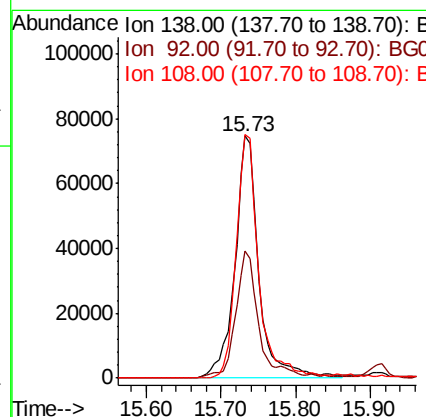
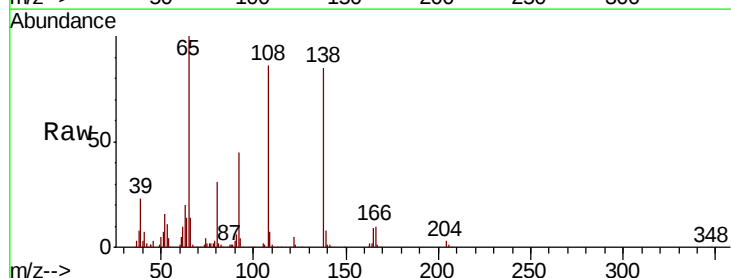
Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 400916
Ion Ratio Lower Upper
204 100
206 34.5 25.7 38.5
141 56.6 42.3 63.5



#62
4-Nitroaniline
Concen: 77.793 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion:138 Resp: 166723
Ion Ratio Lower Upper
138 100
92 52.6 28.8 68.8
108 100.6 82.7 122.7





#63

Azobenzene

Concen: 69.081 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 571513

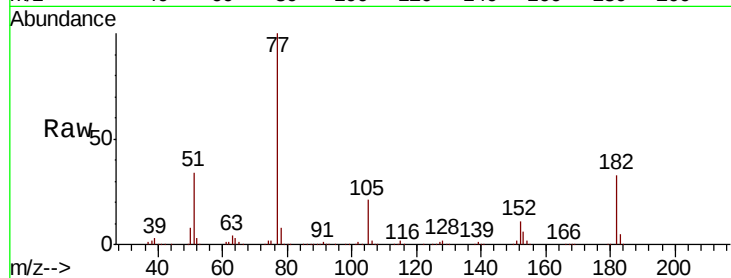
Ion Ratio Lower Upper

77 100

182 32.6 14.9 54.9

105 21.0 0.6 40.6

51 33.5 12.5 52.5

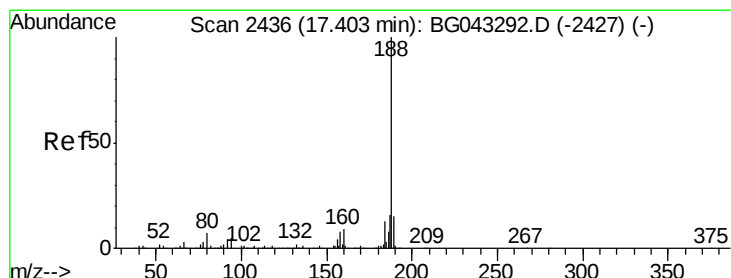
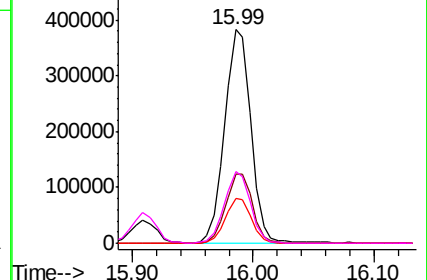
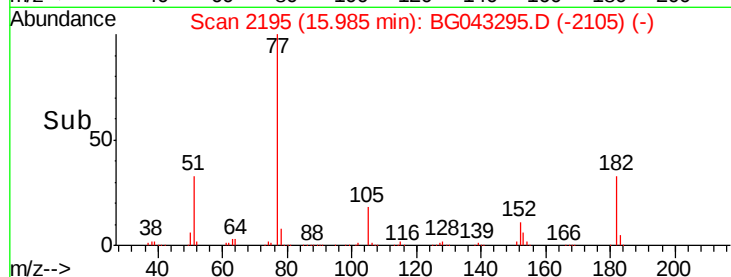


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

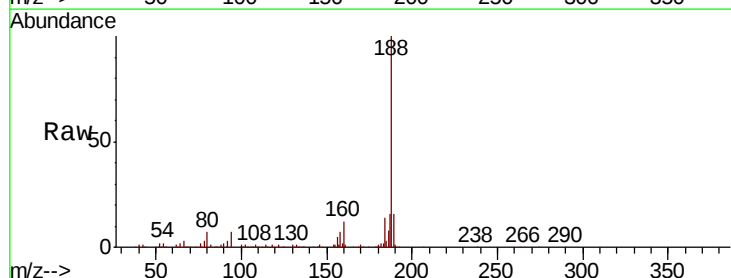
Tgt Ion: 188 Resp: 270067

Ion Ratio Lower Upper

188 100

94 6.5 4.2 6.2#

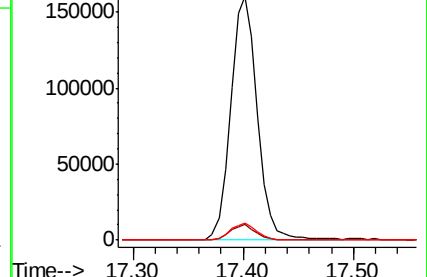
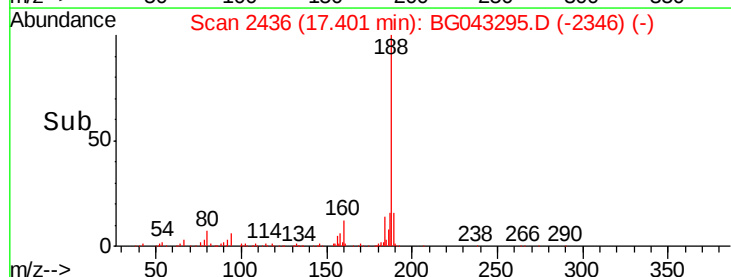
80 7.1 5.2 7.8

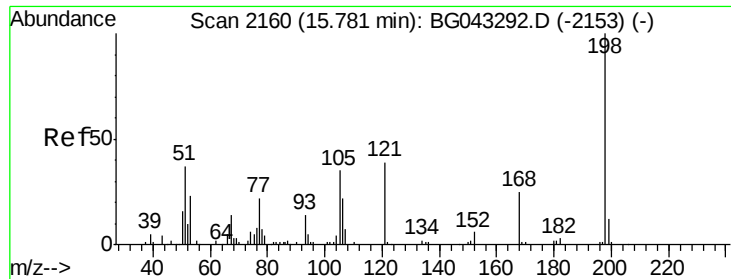


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

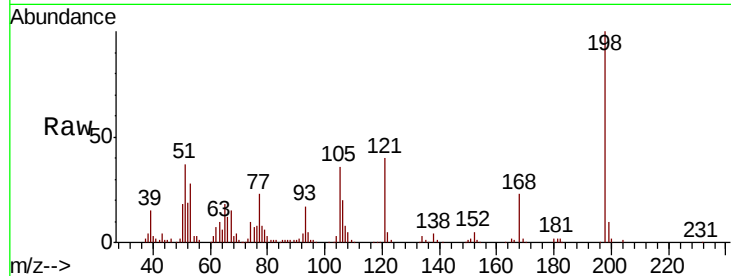




#65
 4,6-Dinitro-2-methylphenol
 Concen: 88.531 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.6	21.4	61.4
105	36.4	16.5	56.5

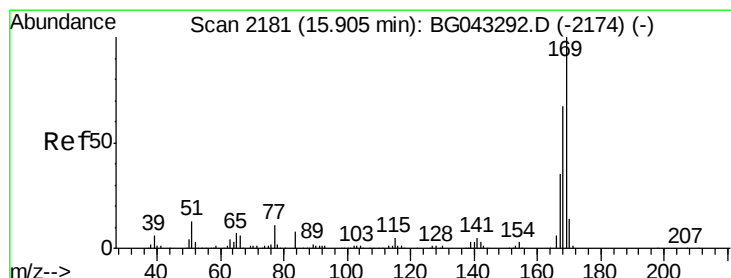
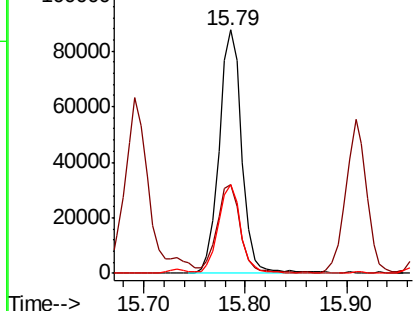
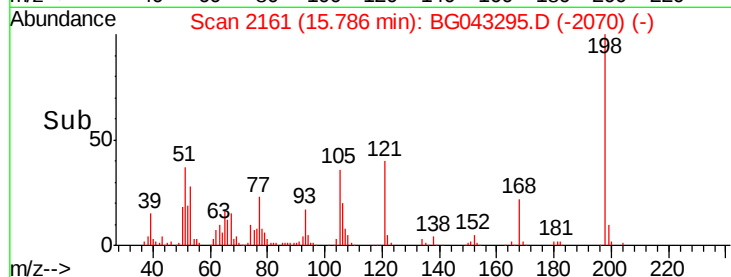


Abundance

Ion 198.00 (197.70 to 198.70): E

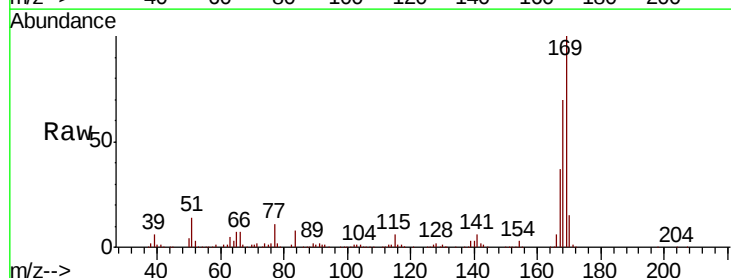
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 83.342 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	53.9	80.9
167	36.5	28.3	42.5

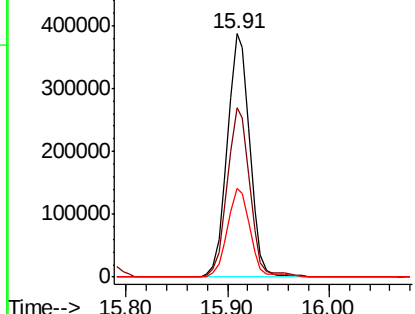
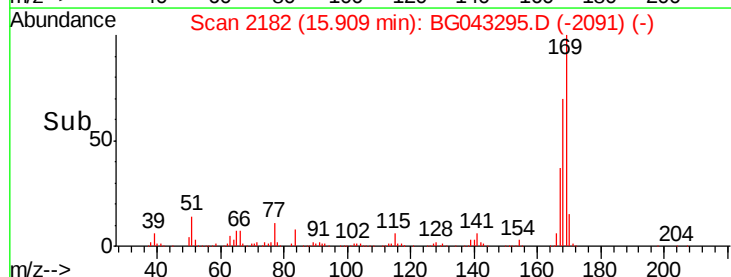


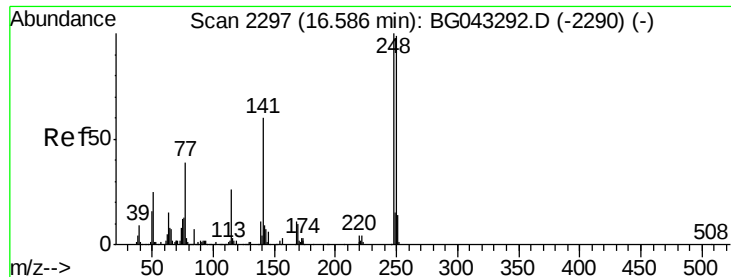
Abundance

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

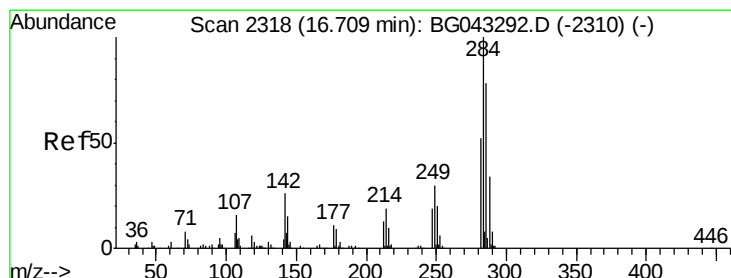
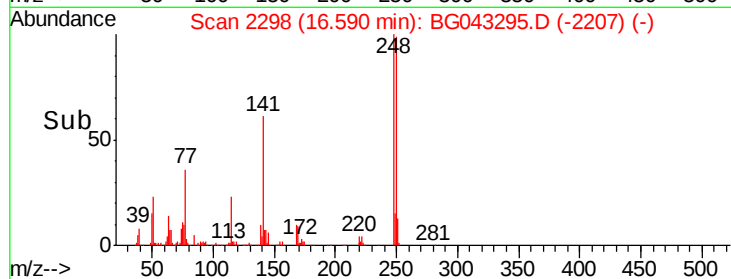
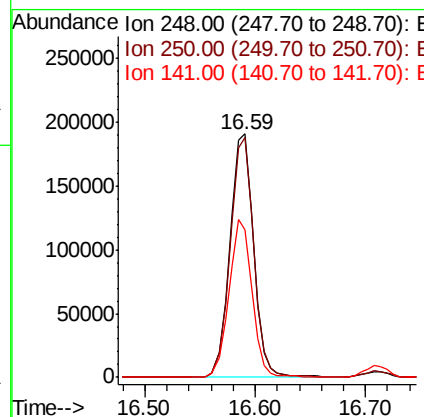
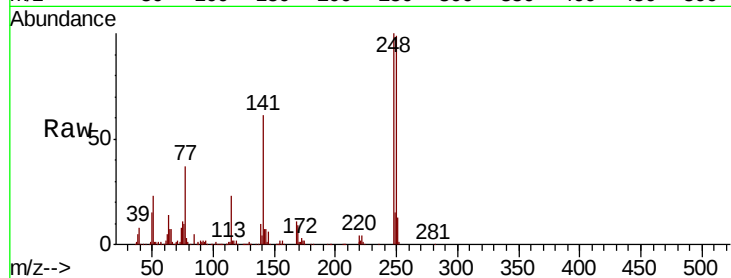




#67
4-Bromophenyl-phenylether
Concen: 85.163 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

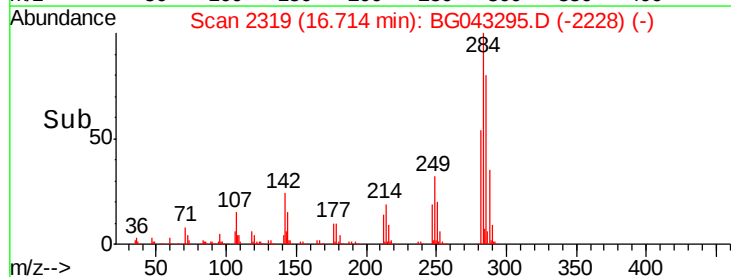
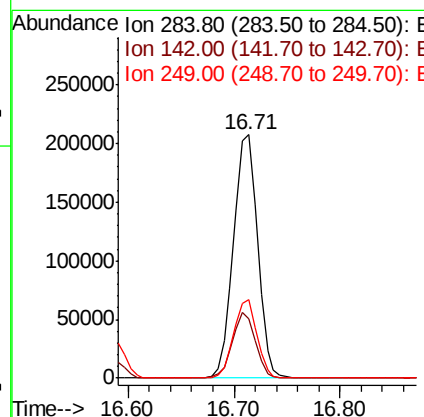
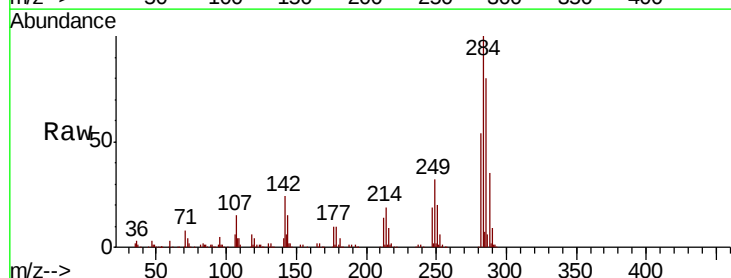
Instrument :
BNA_G
ClientSampleId :

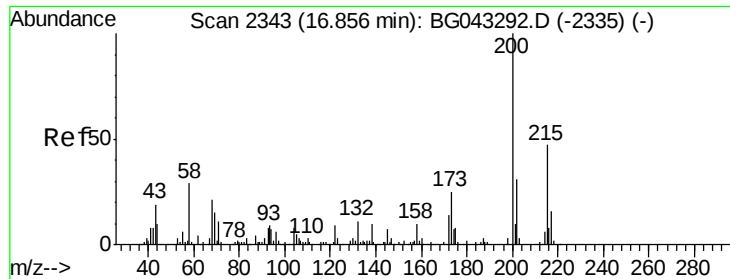
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.3	118.9
141	60.6	47.9	71.9



#68
Hexachlorobenzene
Concen: 86.730 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	21.1	31.7
249	32.2	24.4	36.6





#69

Atrazine

Concen: 41.394 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

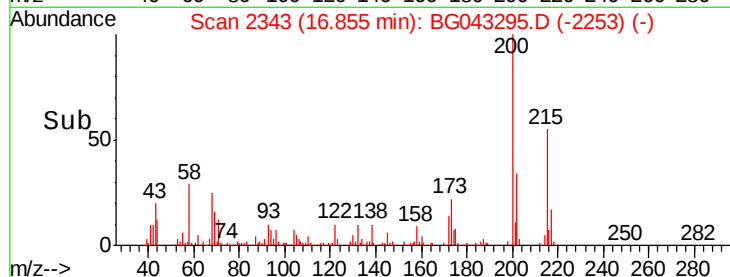
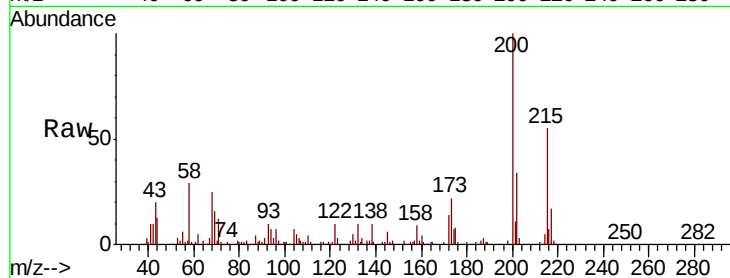
Tot Ion:200 Resp: 124270

Ion Ratio Lower Upper

200 100

173 22.5 5.1 45.1

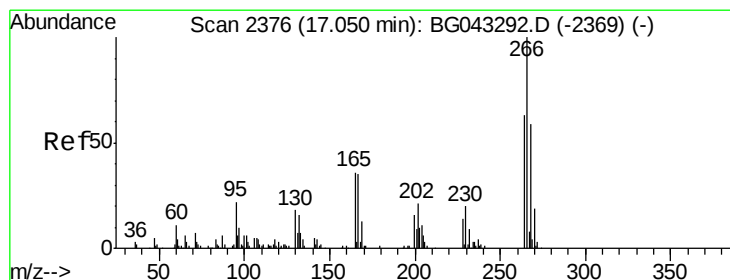
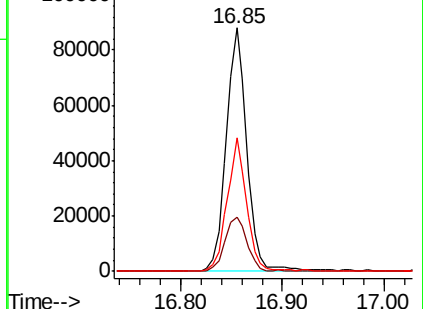
215 55.0 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.209 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

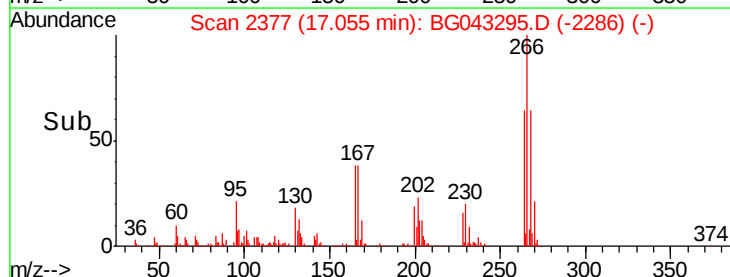
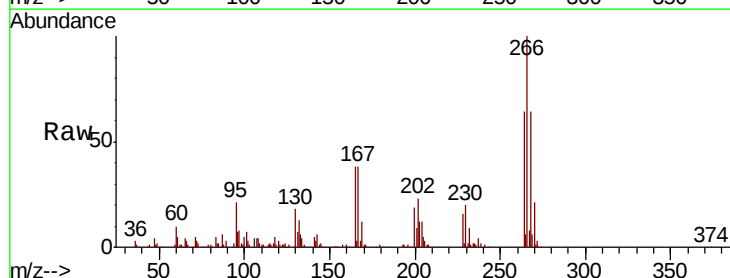
Tgt Ion:266 Resp: 159430

Ion Ratio Lower Upper

266 100

268 64.5 47.1 70.7

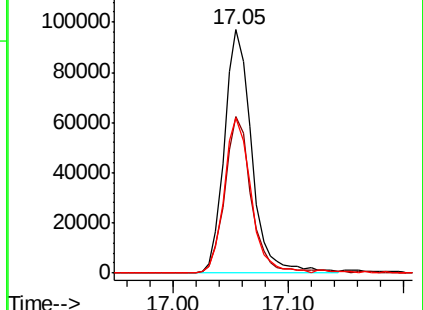
264 63.9 50.4 75.6

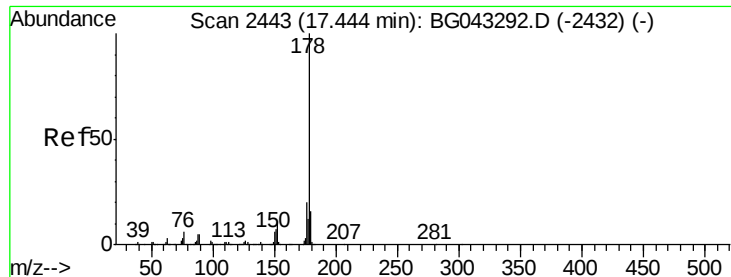


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 80.930 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

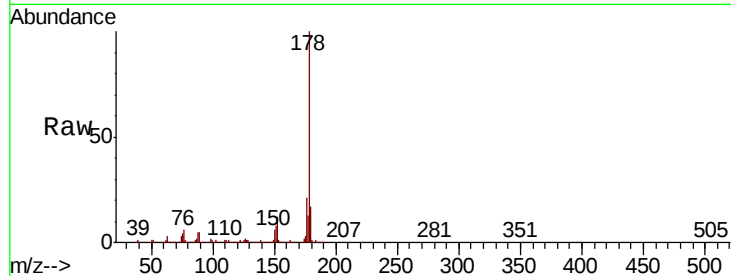
Tot Ion:178 Resp: 1067044

Ion Ratio Lower Upper

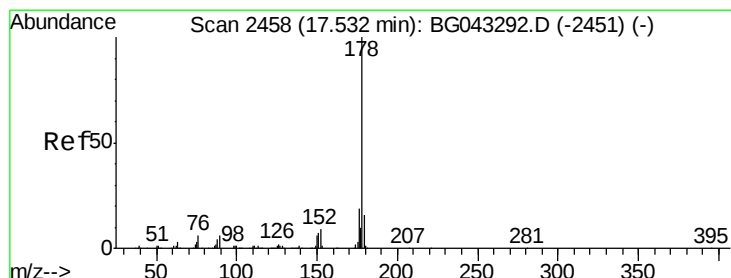
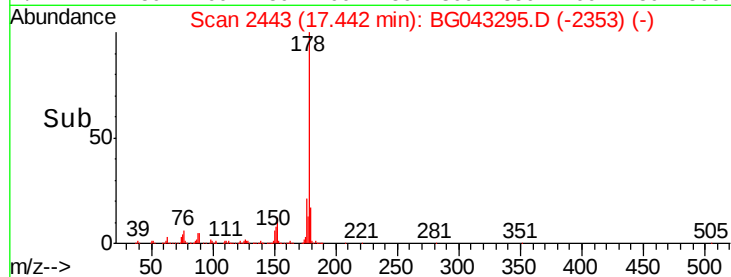
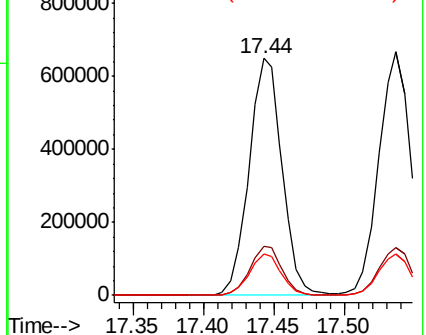
178 100

176 20.8 15.8 23.8

179 17.4 13.1 19.7



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



#72

Anthracene

Concen: 81.160 ng

RT: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

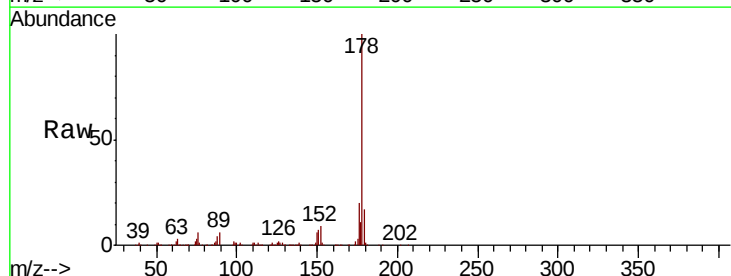
Tgt Ion:178 Resp: 1068277

Ion Ratio Lower Upper

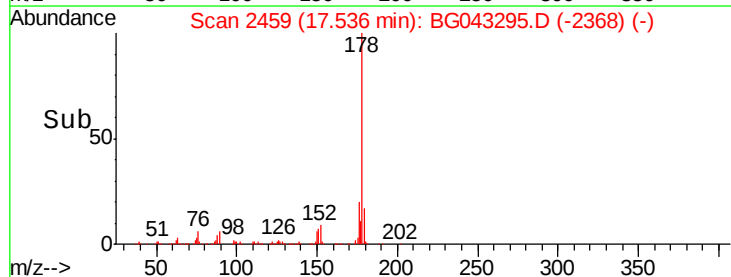
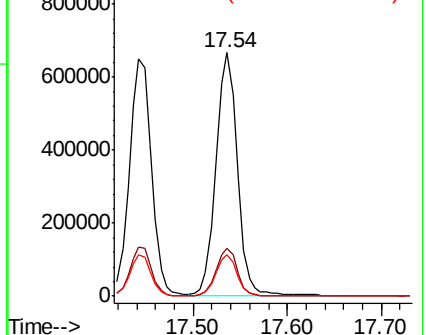
178 100

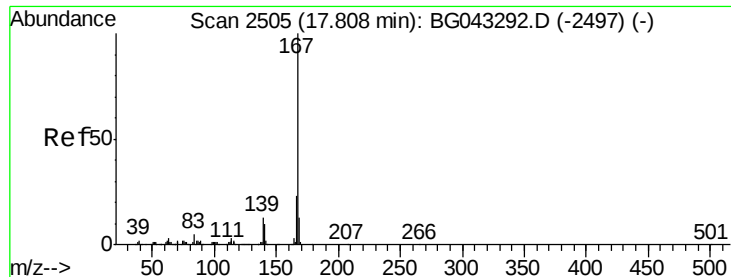
176 19.6 15.1 22.7

179 16.9 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

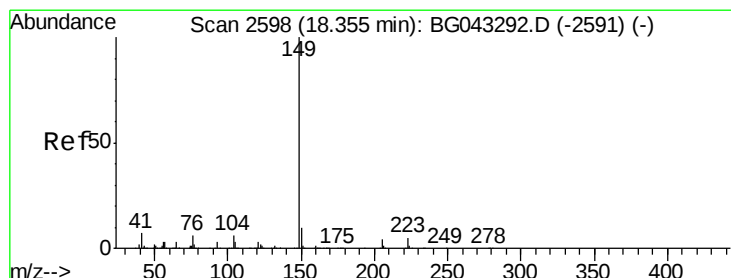
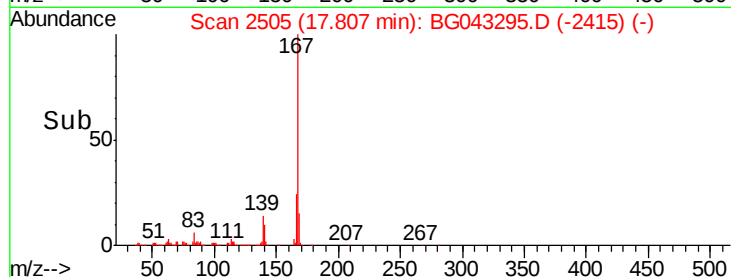
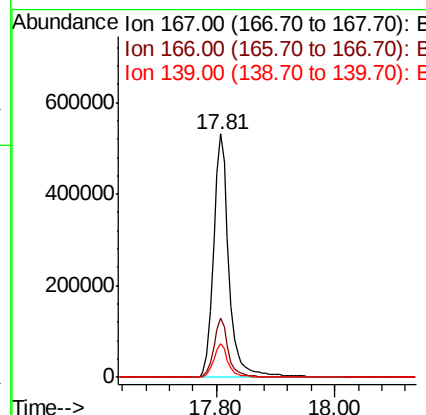
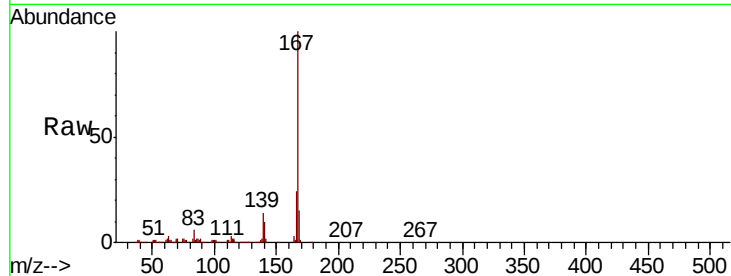




#73
 Carbazole
 Concen: 79.196 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

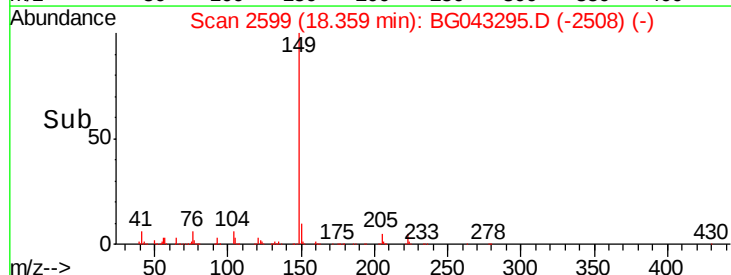
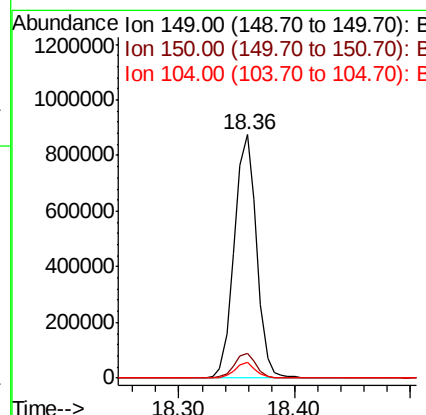
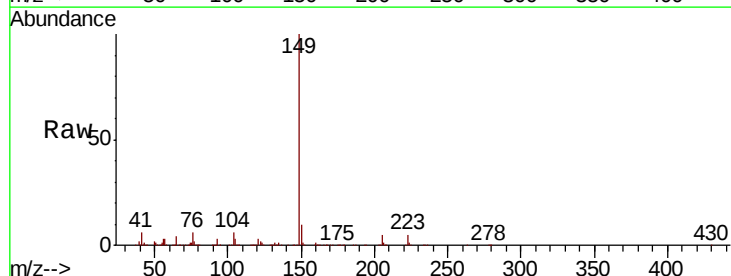
Instrument :
 BNA_G
 ClientSampleId :

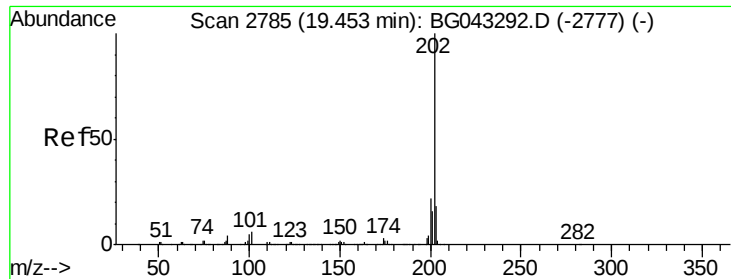
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.4	27.6
139	13.6	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 80.301 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG043295.D
 Acq: 21 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	6.3	4.7	7.1





#75

Fluoranthene

Concen: 76.938 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

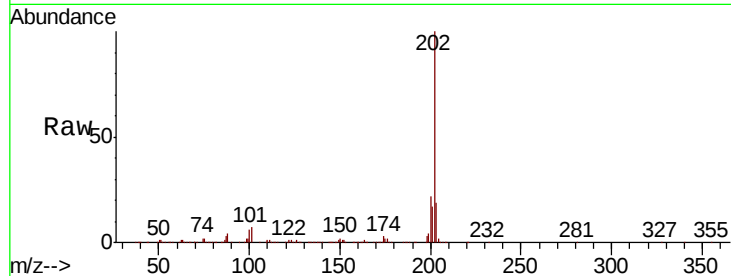
Tot Ion:202 Resp: 1341744

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.0

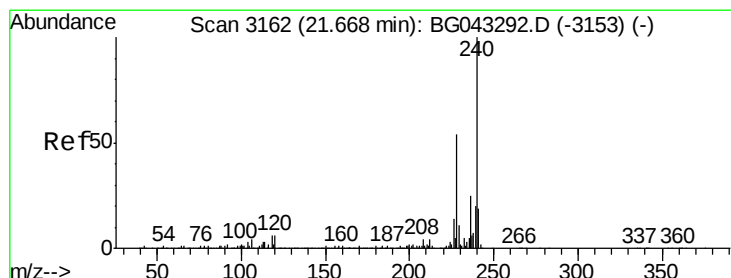
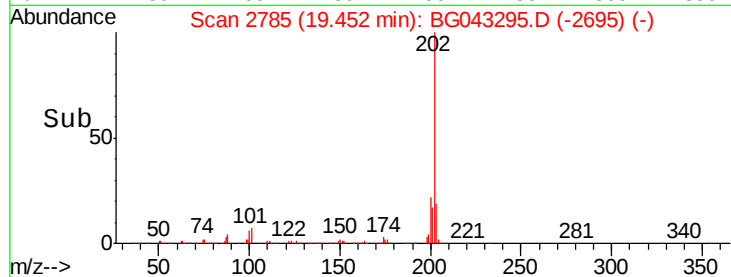
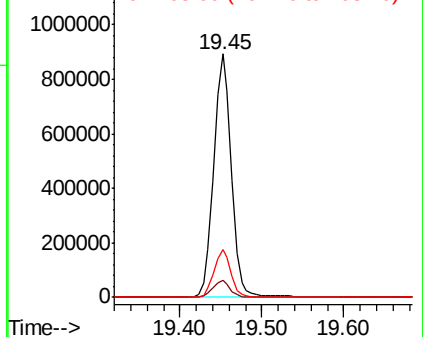
203 19.4 0.0 38.2



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: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

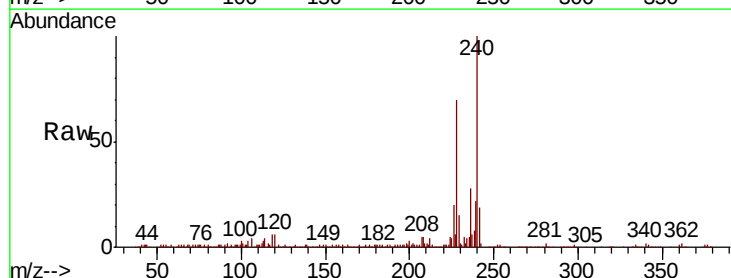
Tgt Ion:240 Resp: 288108

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

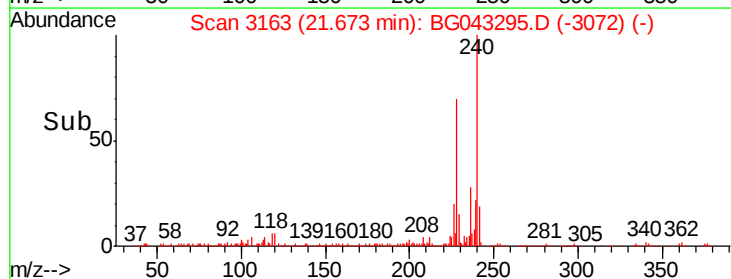
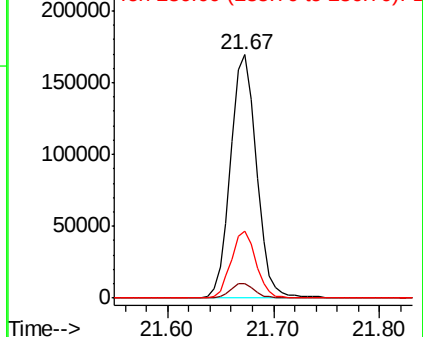
236 27.7 20.2 30.4

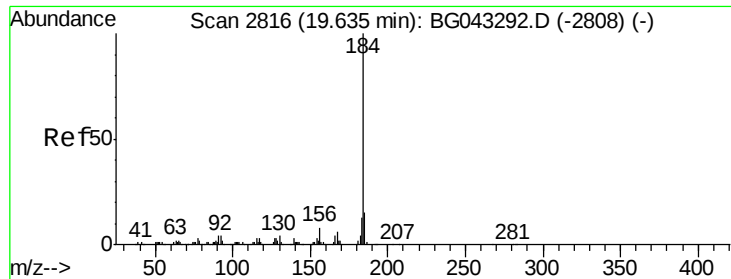


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.634 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

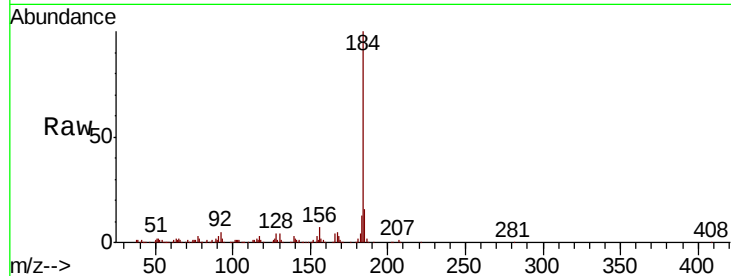
Tot Ion:184 Resp: 372484

Ion Ratio Lower Upper

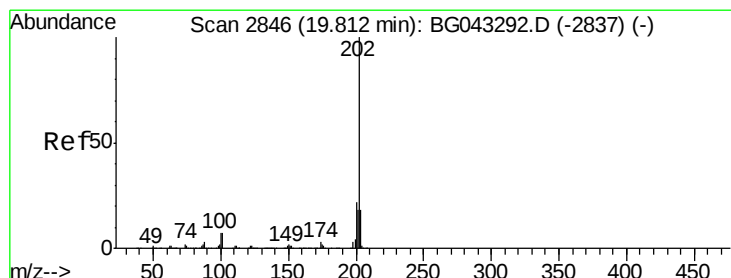
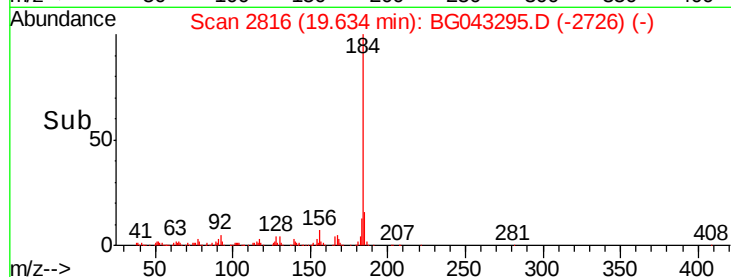
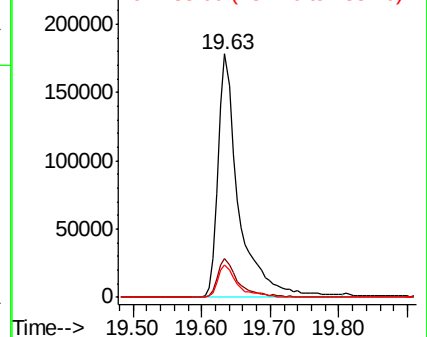
184 100

185 15.9 11.8 17.6

183 13.3 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: 78.902 ng

RT: 19.82 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

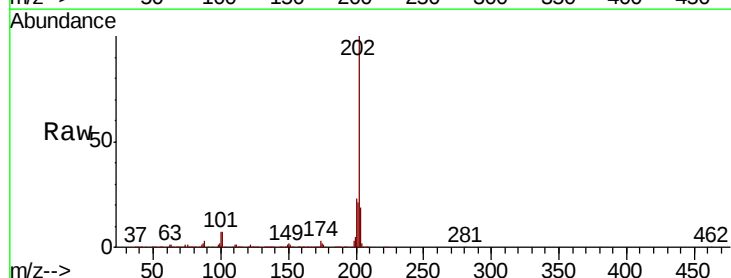
Tgt Ion:202 Resp: 1356804

Ion Ratio Lower Upper

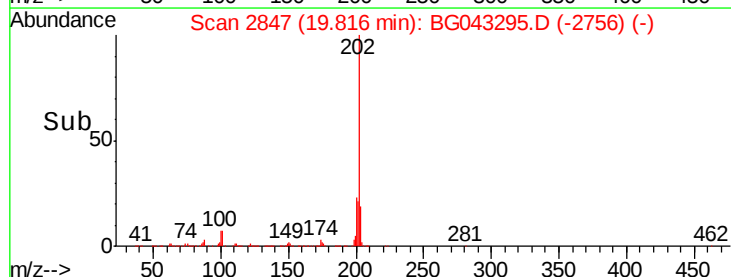
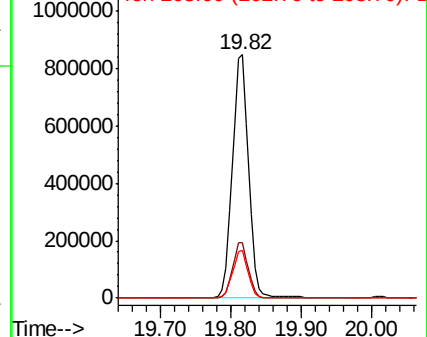
202 100

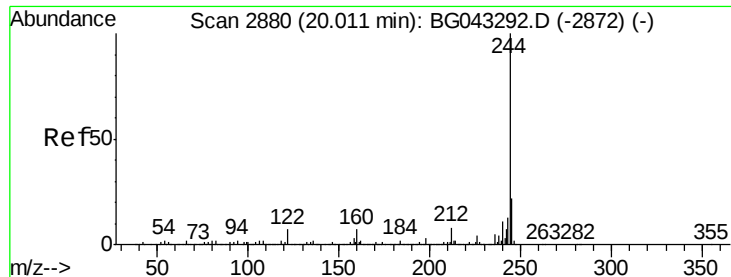
200 22.9 17.3 25.9

203 19.4 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: 165.033 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

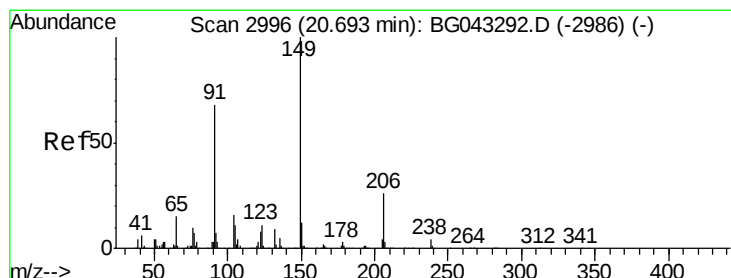
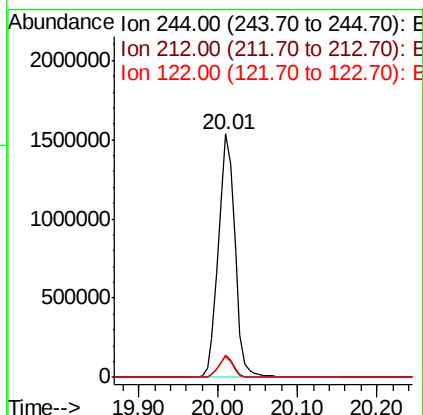
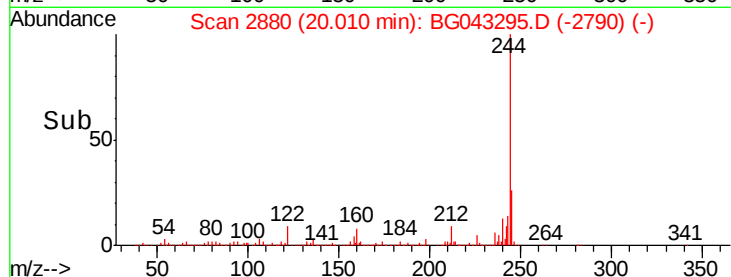
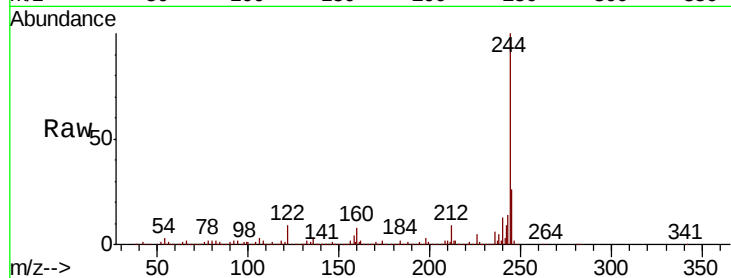
Tot Ion:244 Resp: 2231343

Ion Ratio Lower Upper

244 100

212 8.9 6.4 9.6

122 8.6 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 82.014 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

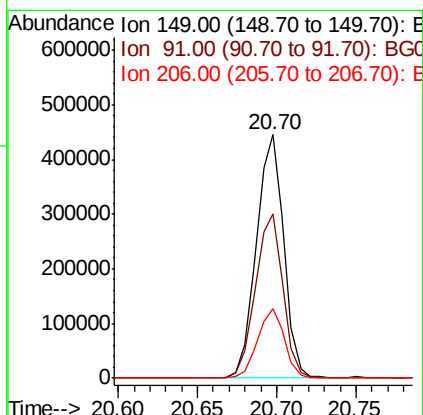
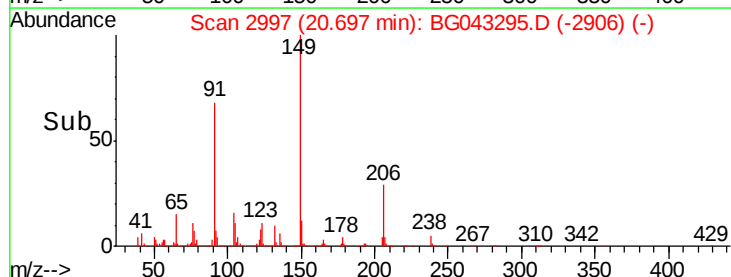
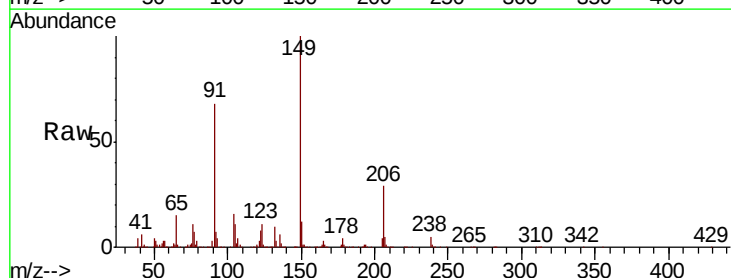
Tgt Ion:149 Resp: 535321

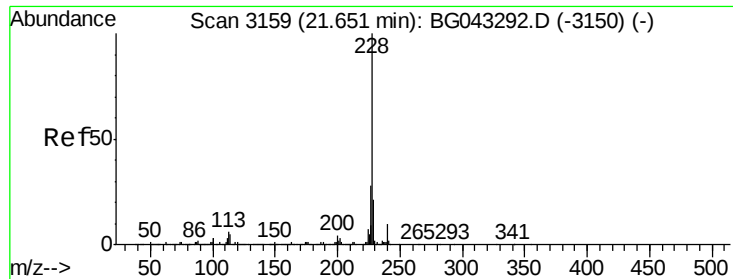
Ion Ratio Lower Upper

149 100

91 67.6 54.6 82.0

206 28.7 20.5 30.7





#81

Benzo(a)anthracene

Concen: 77.724 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampled :

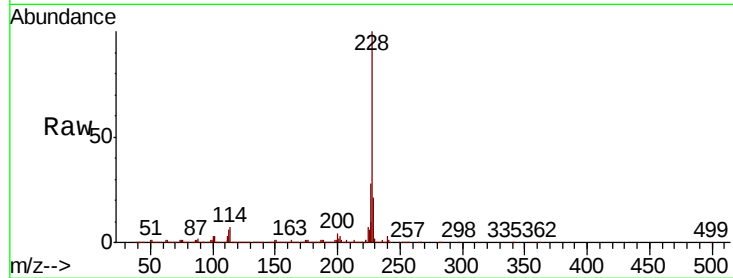
Tot Ion:228 Resp: 1395290

Ion Ratio Lower Upper

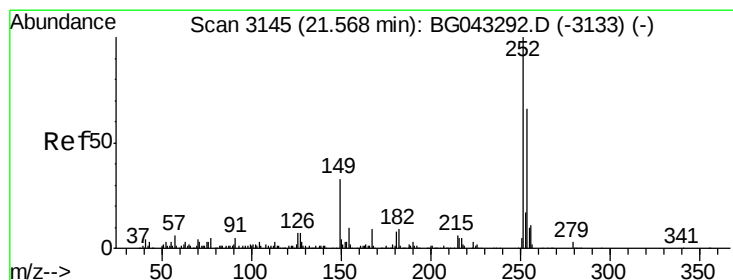
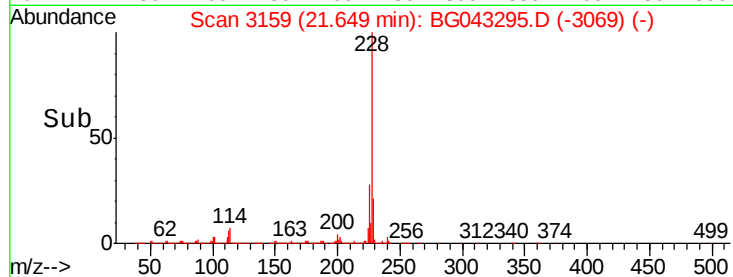
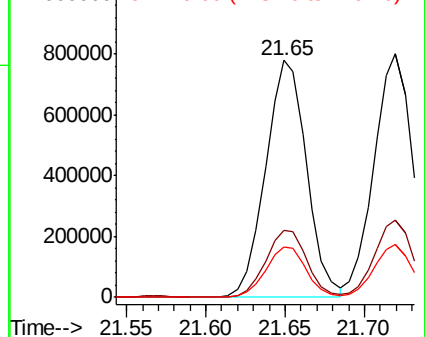
228 100

226 28.4 22.2 33.4

229 21.3 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: 77.645 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

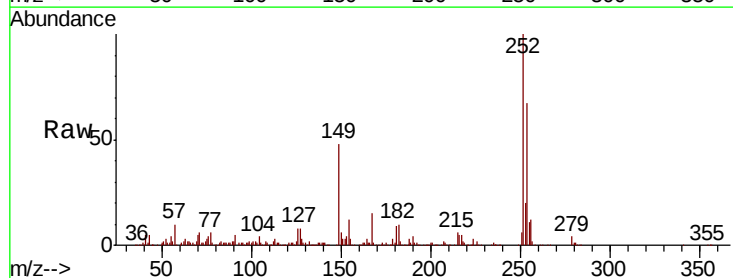
Tgt Ion:252 Resp: 546692

Ion Ratio Lower Upper

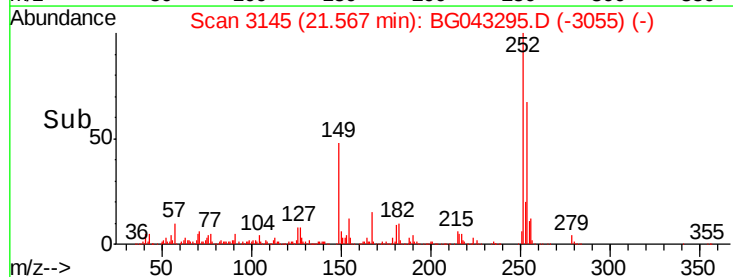
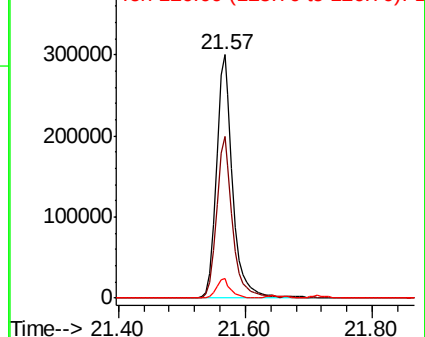
252 100

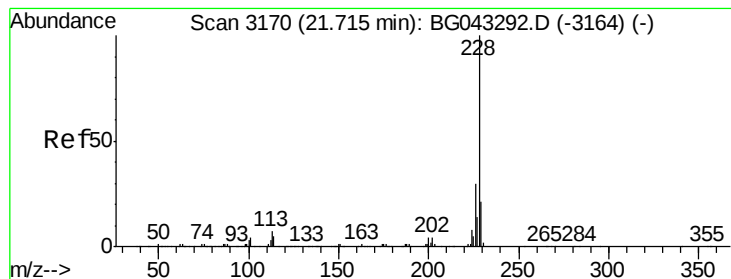
254 66.6 52.7 79.1

126 7.8 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: 79.086 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

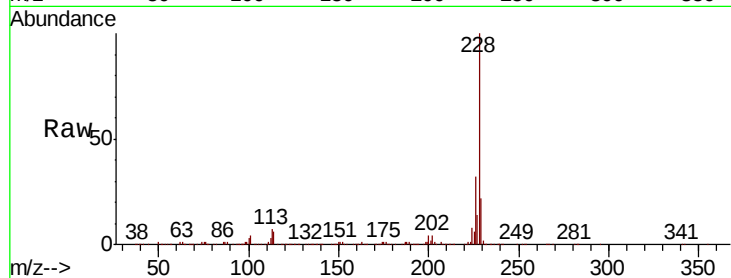
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1377751

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.8	35.8
229	21.8	16.3	24.5

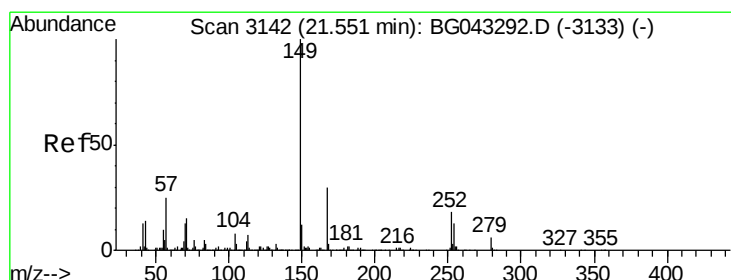
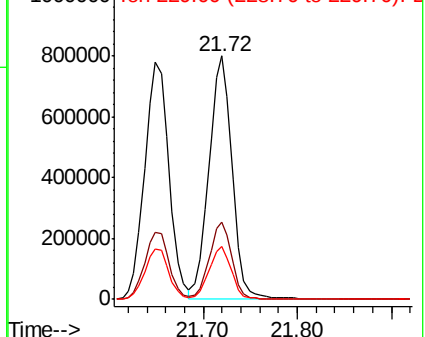
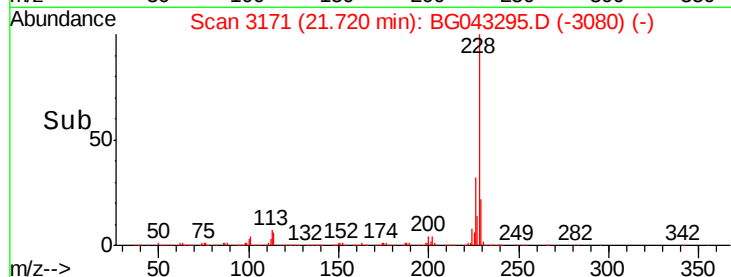


Abundance

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: 82.734 ng

RT: 21.56 min Scan# 3143

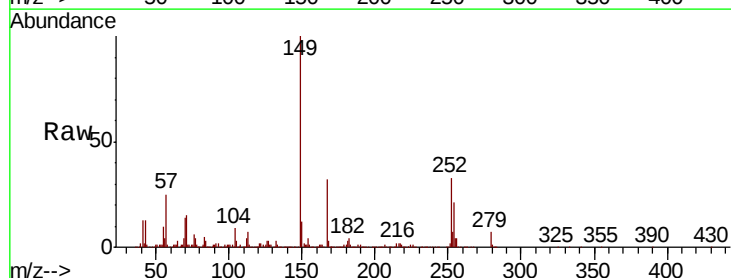
Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Tgt Ion:149 Resp: 768419

Ion	Ratio	Lower	Upper
149	100		
167	32.0	23.9	35.9
279	7.1	4.8	7.2

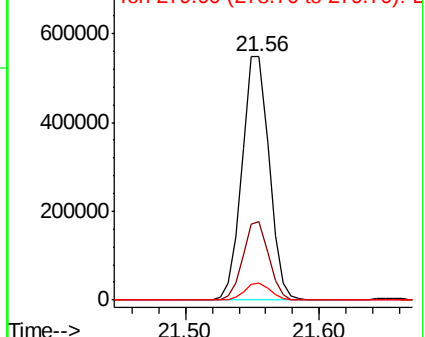
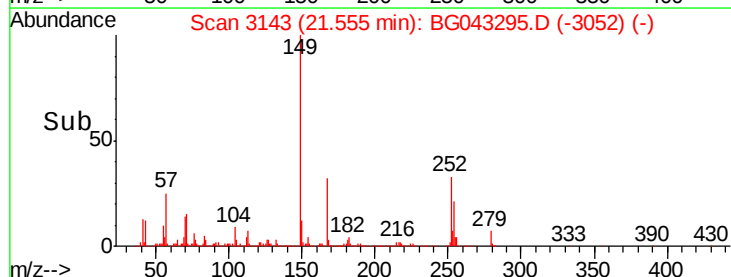


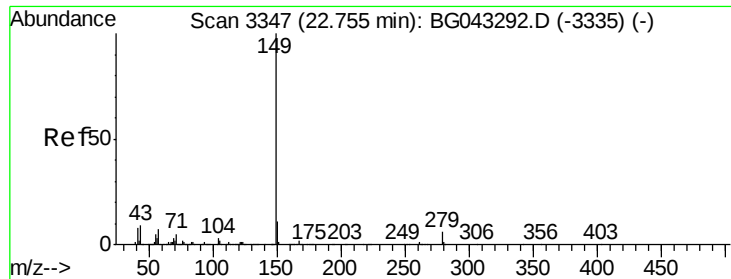
Abundance

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: 85.821 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

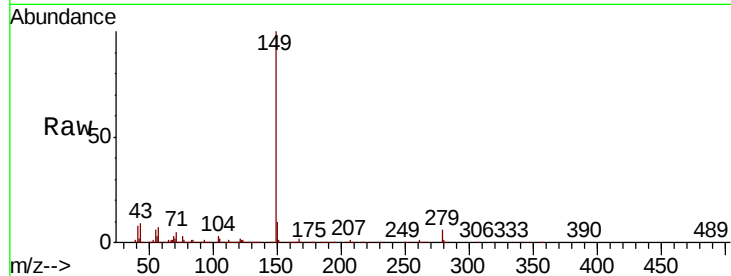
Tot Ion:149 Resp: 1303414

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

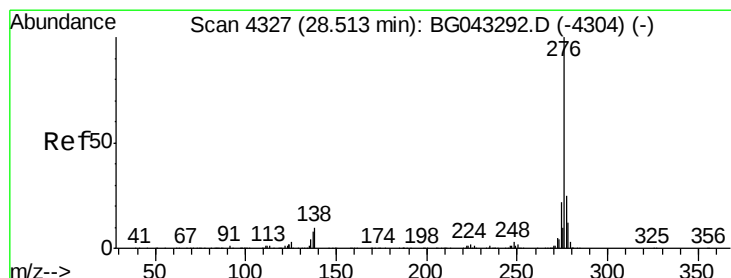
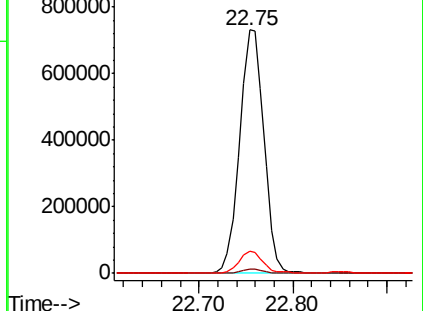
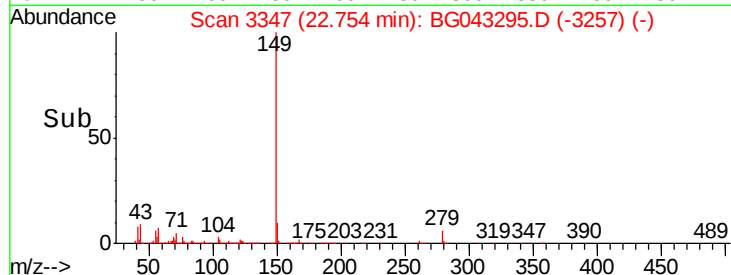
43 9.2 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 84.922 ng

RT: 28.54 min Scan# 4331

Delta R.T. 0.02 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

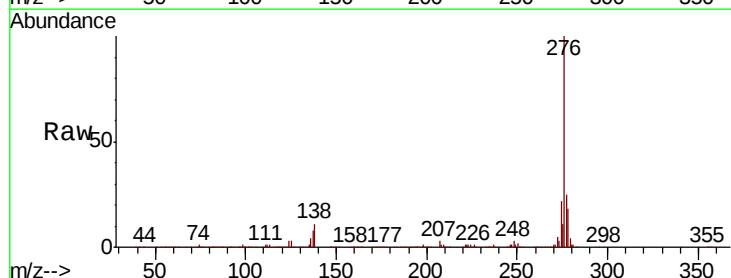
Tgt Ion:276 Resp: 1841738

Ion Ratio Lower Upper

276 100

138 14.0 7.2 10.8#

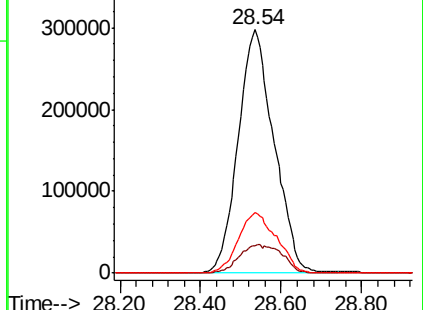
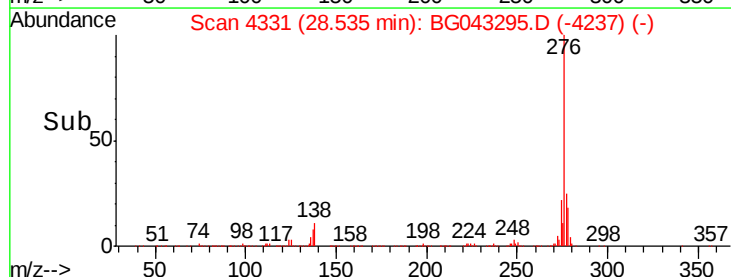
277 26.3 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

Instrument :

BNA_G

ClientSampleId :

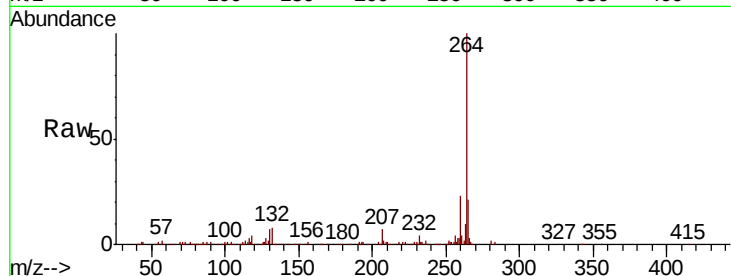
Tot Ion:264 Resp: 344111

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.5	17.4	26.2

264 100

260 22.9 17.9 26.9

265 21.5 17.4 26.2

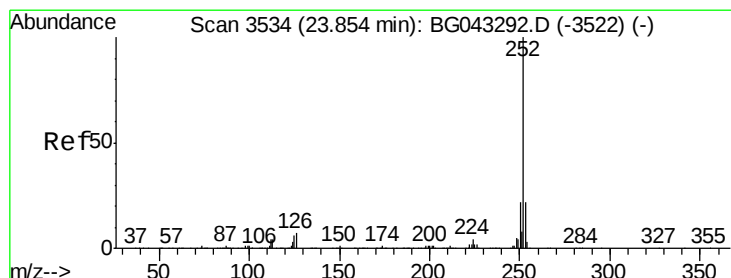
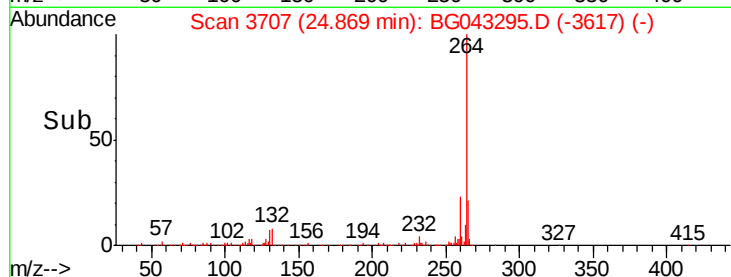
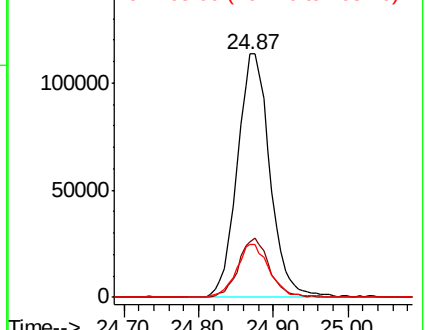


Abundance

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: 78.133 ng

RT: 23.86 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG043295.D

Acq: 21 Oct 2019 13:02

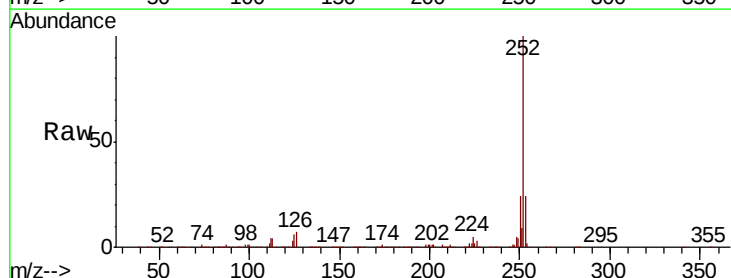
Tgt Ion:252 Resp: 1521300

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	5.8	5.0	7.6

252 100

253 23.7 17.4 26.2

125 5.8 5.0 7.6

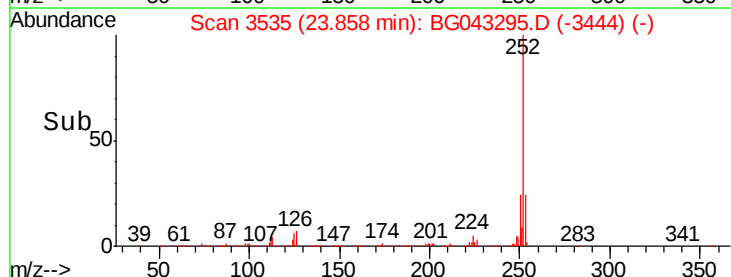
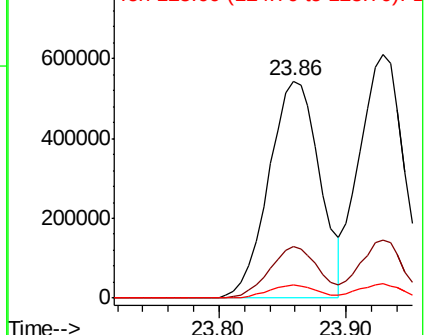


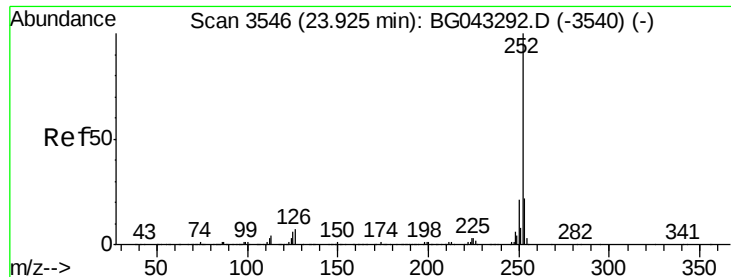
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

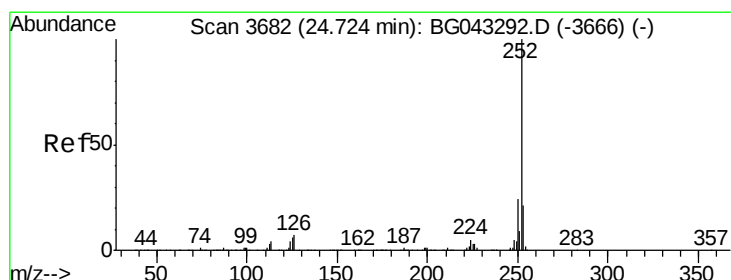
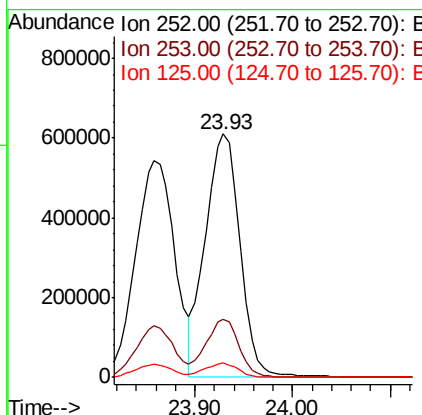
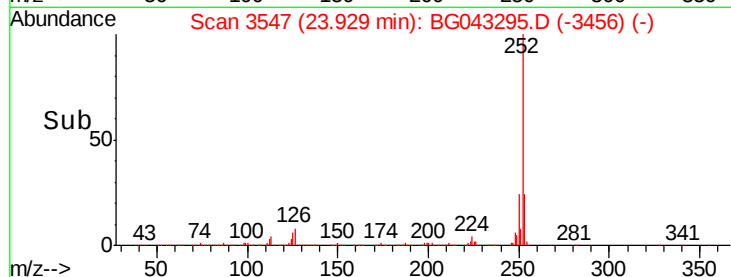
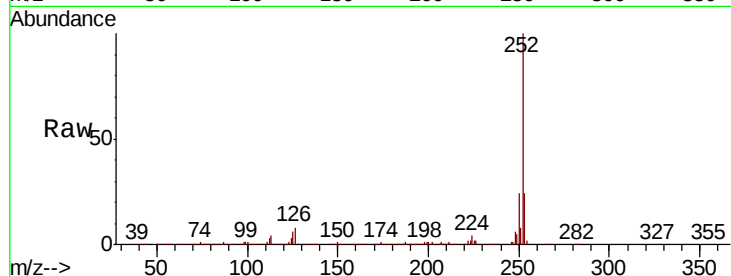




#89
Benzo(k)fluoranthene
Concen: 77.632 ng
RT: 23.93 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

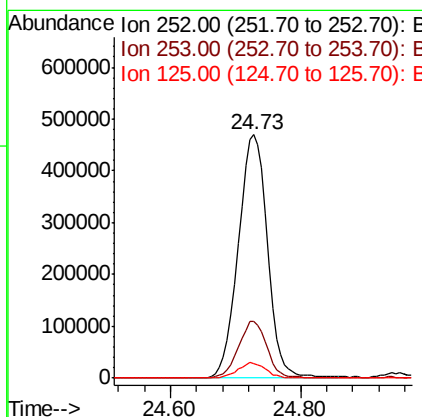
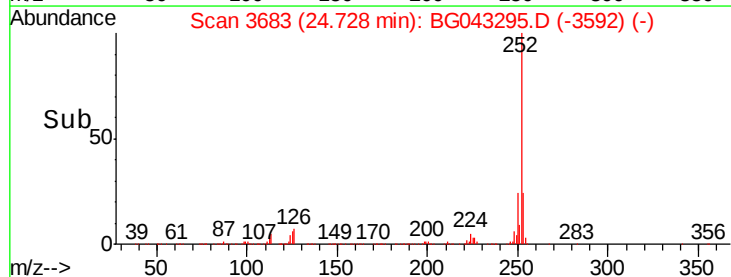
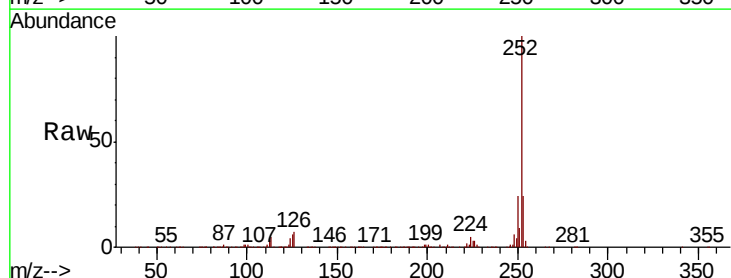
Instrument :
BNA_G
ClientSampleId :

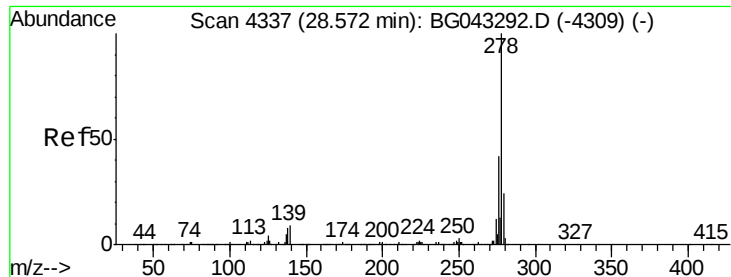
Tot Ion:252 Resp: 1495344
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 5.9 4.5 6.7



#90
Benzo(a)pyrene
Concen: 79.246 ng
RT: 24.73 min Scan# 3683
Delta R.T. 0.00 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion:252 Resp: 1455734
Ion Ratio Lower Upper
252 100
253 23.6 17.2 25.8
125 6.2 5.0 7.6



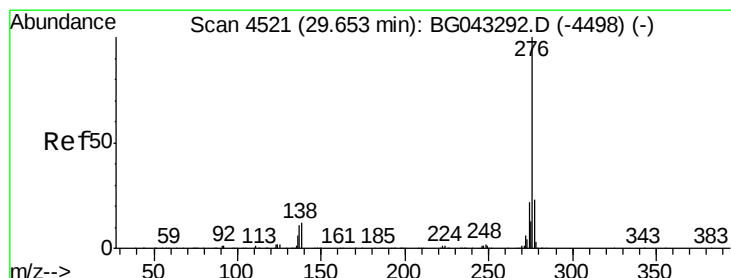
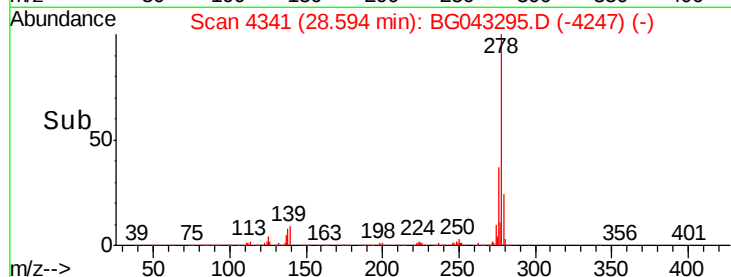
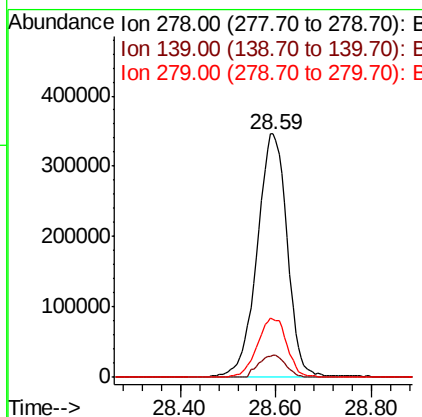
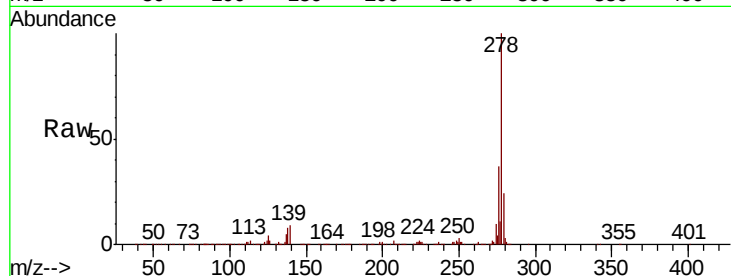


#91
Dibenzo(a,h)anthracene
Concen: 80.367 ng
RT: 28.59 min Scan# 4341
Delta R.T. 0.02 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1513868

Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.8	10.2
279	23.9	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 81.645 ng
RT: 29.68 min Scan# 4526
Delta R.T. 0.03 min
Lab File: BG043295.D
Acq: 21 Oct 2019 13:02

Tgt Ion:276 Resp: 1490129

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	11.8	9.3	13.9

