

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
 Data File : BG043294.D
 Acq On : 21 Oct 2019 12:23
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 21 15:19:30 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	8.03	152	35488	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	149547	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	110607	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	264201	20.00	ng	0.00
76) Chrysene-d12	21.67	240	289057	20.00	ng	0.00
87) Perylene-d12	24.87	264	342168	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	242233	121.81	ng	0.00
7) Phenol-d6	7.20	99	346682	121.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	340650	110.72	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	253310	133.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	940931	123.33	ng	0.00
79) Terphenyl-d14	20.01	244	1772062	130.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	44315	53.451	ng	95
3) Pyridine	3.90	79	113689	48.754	ng	99
4) n-Nitrosodimethylamine	3.81	42	59484	53.046	ng	83
6) Aniline	7.36	93	200967	58.138	ng	99
8) 2-Chlorophenol	7.60	128	128457	61.943	ng	98
9) Benzaldehyde	7.16	77	70338	40.196	ng	95
10) Phenol	7.23	94	159185	60.589	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	119242	58.659	ng	95
12) 1,3-Dichlorobenzene	7.91	146	161646	61.102	ng	95
13) 1,4-Dichlorobenzene	8.06	146	162460	61.602	ng	98
14) 1,2-Dichlorobenzene	8.38	146	156313	62.257	ng	96
15) Benzyl Alcohol	8.27	79	125437	58.262	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	169453	43.406	ng	98
17) 2-Methylphenol	8.48	107	112322	61.100	ng	98
18) Hexachloroethane	9.11	117	59148	59.552	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	110510	58.771	ng	97
20) 3+4-Methylphenols	8.81	107	156242	62.019	ng	91
22) Acetophenone	8.85	105	229051	59.419	ng	# 98
24) Nitrobenzene	9.23	77	161845	55.148	ng	97
25) Isophorone	9.75	82	313435	57.996	ng	99
26) 2-Nitrophenol	9.94	139	79568	63.689	ng	97
27) 2,4-Dimethylphenol	10.01	122	115477	60.188	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	173855	56.698	ng	99
29) 2,4-Dichlorophenol	10.49	162	147793	61.937	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	183470	59.540	ng	98
31) Naphthalene	10.88	128	448944	60.984	ng	99
32) Benzoic acid	10.18	122	90180	62.275	ng	97
33) 4-Chloroaniline	11.00	127	187735	58.770	ng	99
34) Hexachlorobutadiene	11.17	225	134470	58.281	ng	93
35) Caprolactam	11.78	113	54583	64.865	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	164620	63.451	ng	98
37) 2-Methylnaphthalene	12.49	142	343023	61.080	ng	97
38) 1-Methylnaphthalene	12.70	142	324958	61.151	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	240389	57.803	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	135360	51.084	nq	95
43) 2,4,6-Trichlorophenol	13.10	196	144485	59.358	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	148459	59.205	nq	98
46) 1,1'-Biphenyl	13.49	154	498745	59.460	nq	99
47) 2-Chloronaphthalene	13.53	162	378822	60.238	nq	99
48) 2-Nitroaniline	13.74	65	116646	55.777	nq	98
49) Acenaphthylene	14.38	152	593766	61.704	nq	99
50) Dimethylphthalate	14.11	163	516003	62.264	nq	99
51) 2,6-Dinitrotoluene	14.23	165	111047	62.921	nq	96
52) Acenaphthene	14.72	154	363743	56.473	nq	100
53) 3-Nitroaniline	14.57	138	110026	60.325	nq	96
54) 2,4-Dinitrophenol	14.77	184	66534	60.651	nq	99
55) Dibenzofuran	15.05	168	582920	61.179	nq	100
56) 4-Nitrophenol	14.88	139	76656	55.161	nq	97
57) 2,4-Dinitrotoluene	15.02	165	161229	62.384	nq	96
58) Fluorene	15.70	166	491489	60.419	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	156204	58.506	nq	# 100
60) Diethylphthalate	15.47	149	517002	61.299	nq	96
61) 4-Chlorophenyl-phenylether	15.69	204	288359	59.107	nq	98
62) 4-Nitroaniline	15.73	138	115740	58.185	nq	95
63) Azobenzene	15.99	77	418670	54.524	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	96654	64.651	nq	95
66) n-Nitrosodiphenylamine	15.91	169	436379	62.567	nq	96
67) 4-Bromophenyl-phenylether	16.59	248	208796	62.967	nq	97
68) Hexachlorobenzene	16.71	284	237730	64.388	nq	97
69) Atrazine	16.86	200	117113	39.876	nq	96
70) Pentachlorophenol	17.06	266	116033	54.464	nq	96
71) Phenanthrene	17.44	178	792407	61.435	nq	99
72) Anthracene	17.53	178	780901	60.645	nq	99
73) Carbazole	17.81	167	721391	60.414	nq	99
74) Di-n-butylphthalate	18.36	149	879688	61.746	nq	100
75) Fluoranthene	19.45	202	1028833	60.305	nq	99
77) Benzidine	19.64	184	299253	41.346	nq	95
78) Pyrene	19.81	202	1040621	60.316	nq	98
80) Butylbenzylphthalate	20.69	149	402490	61.461	nq	97
81) Benzo(a)anthracene	21.65	228	1063186	59.030	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	417520	59.105	nq	99
83) Chrysene	21.72	228	1064819	60.922	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	577803	62.007	nq	100
85) Di-n-octyl phthalate	22.76	149	974738	63.969	nq	100
86) Indeno(1,2,3-cd)pyrene	28.53	276	1366114	62.784	nq	100
88) Benzo(b)fluoranthene	23.86	252	1130250	58.378	nq	98
89) Benzo(k)fluoranthene	23.93	252	1132497	59.129	nq	98
90) Benzo(a)pyrene	24.72	252	1094834	59.938	nq	98
91) Dibenzo(a,h)anthracene	28.58	278	1123136	59.963	nq	100
92) Benzo(g,h,i)perylene	29.66	276	1096745	60.432	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.00 min

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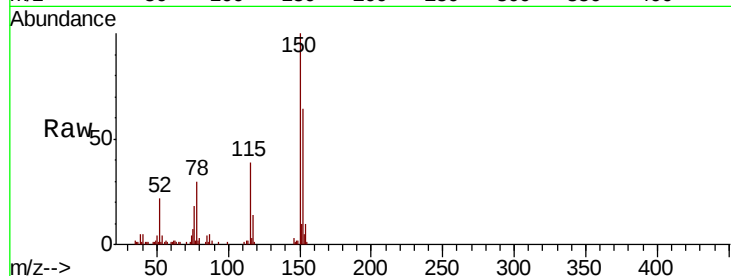
Tot Ion:152 Resp: 35488

Ion Ratio Lower Upper

152 100

150 157.3 113.6 170.4

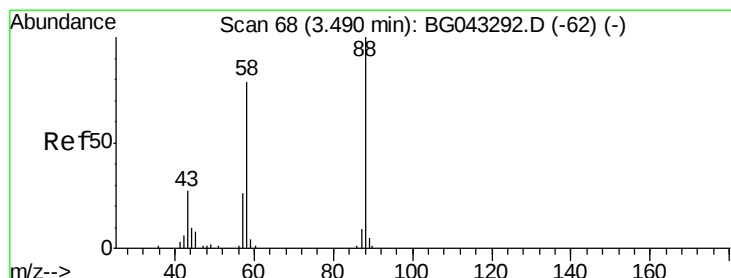
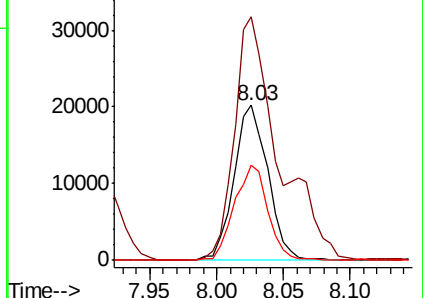
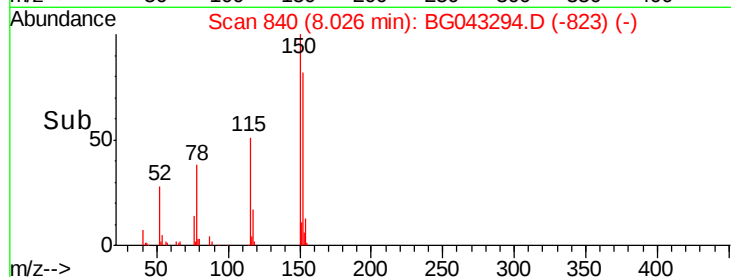
115 61.7 45.9 68.9



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: 53.451 ng

RT: 3.49 min Scan# 68

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

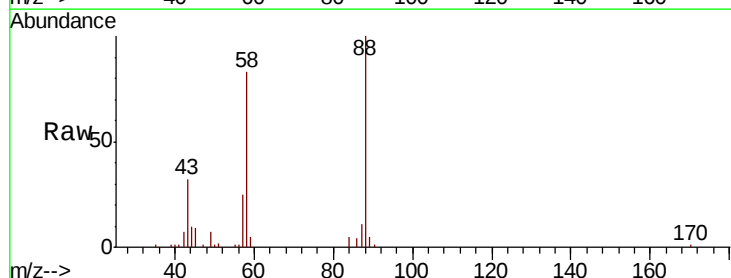
Tgt Ion: 88 Resp: 44315

Ion Ratio Lower Upper

88 100

58 79.8 60.2 90.2

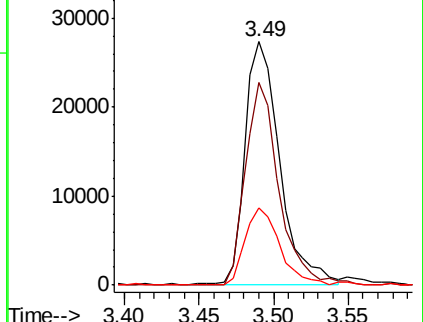
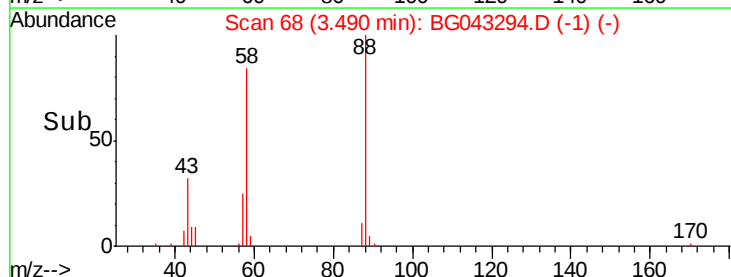
43 31.1 22.7 34.1

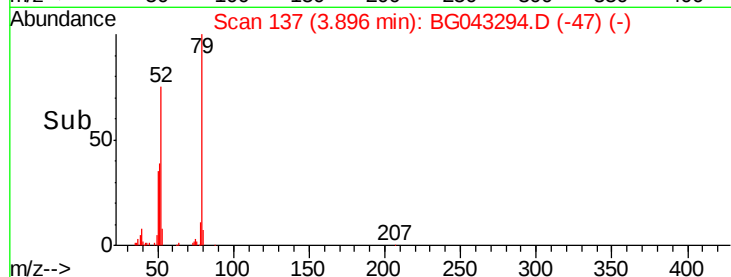
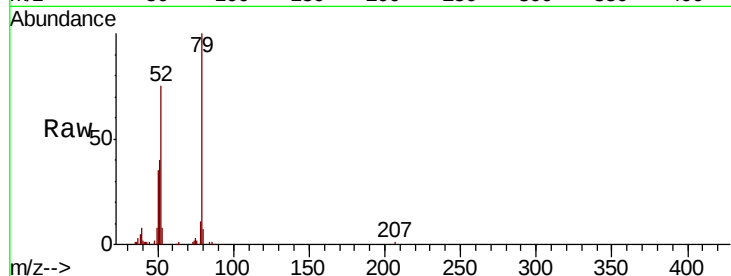


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

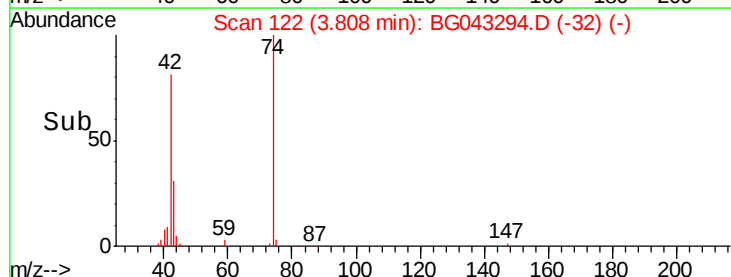
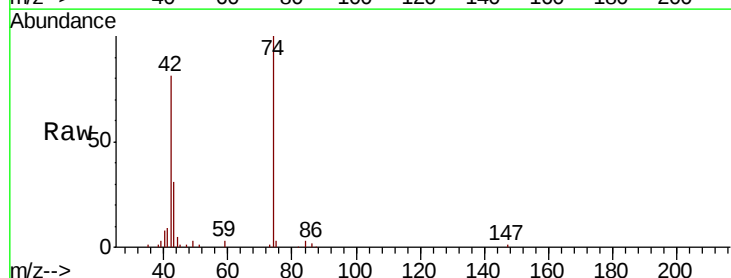
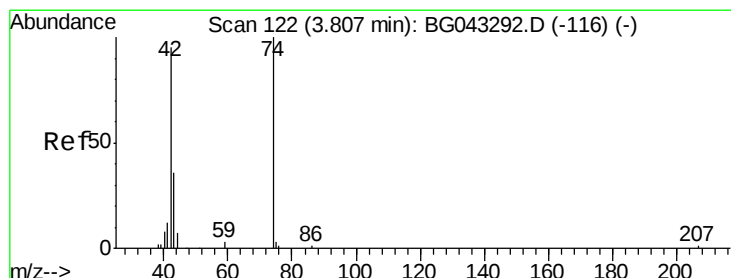
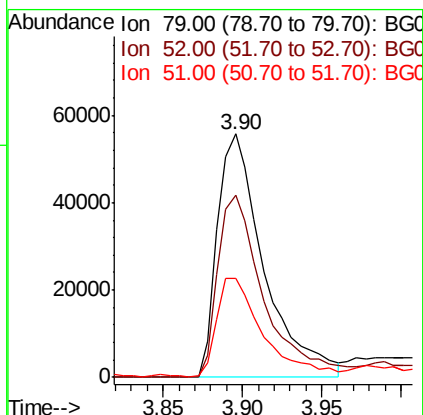




#3
 Pvridine
 Concen: 48.754 ng
 RT: 3.90 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

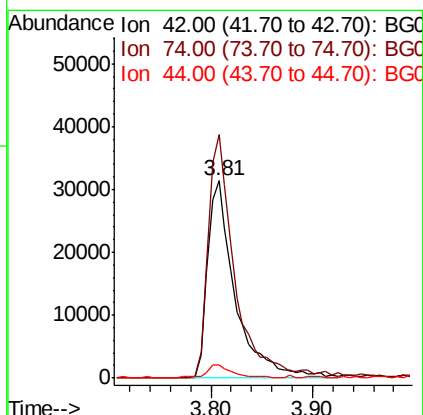
Instrument :
 BNA_G
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 SSTDICC060

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.9	59.7	89.5
51	40.4	31.8	47.6



#4
 n-Nitrosodimethylamine
 Concen: 53.046 ng
 RT: 3.81 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.5	84.2	126.2
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 121.814 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

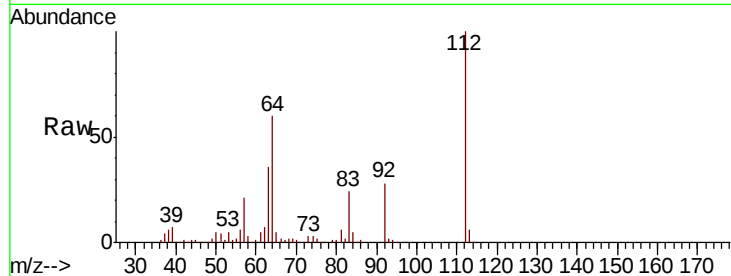
Tot Ion:112 Resp: 242233

Ion Ratio Lower Upper

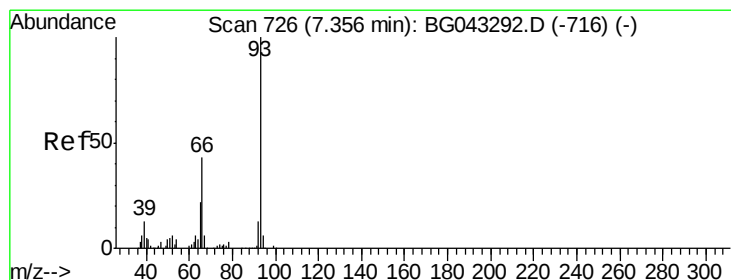
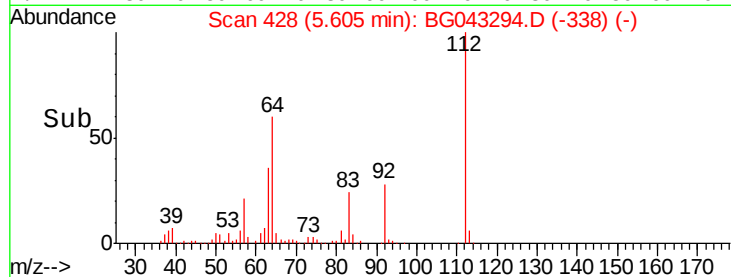
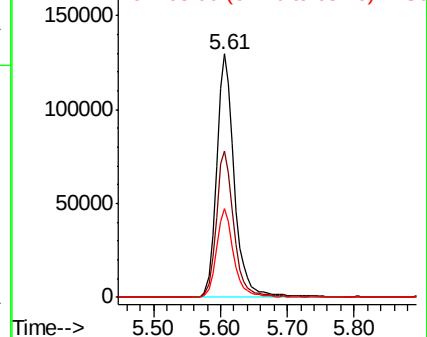
112 100

64 60.0 50.2 75.2

63 36.3 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: 58.138 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

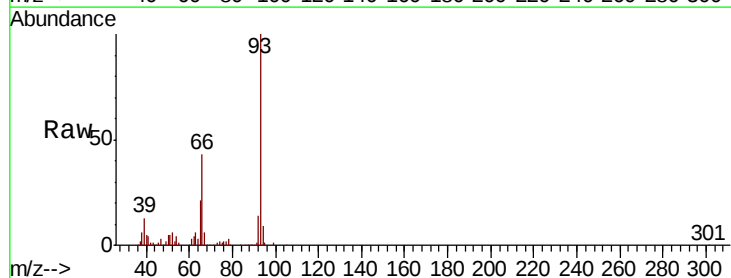
Tgt Ion: 93 Resp: 200967

Ion Ratio Lower Upper

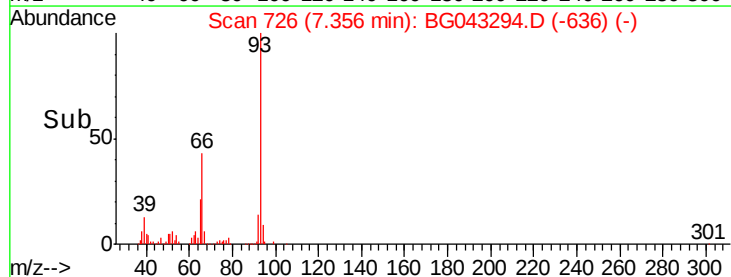
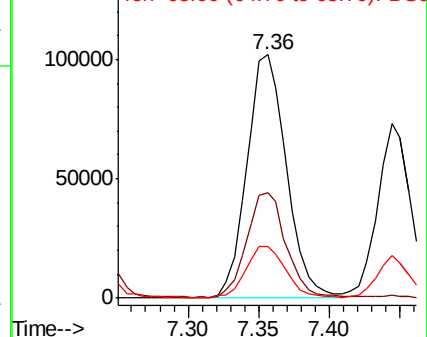
93 100

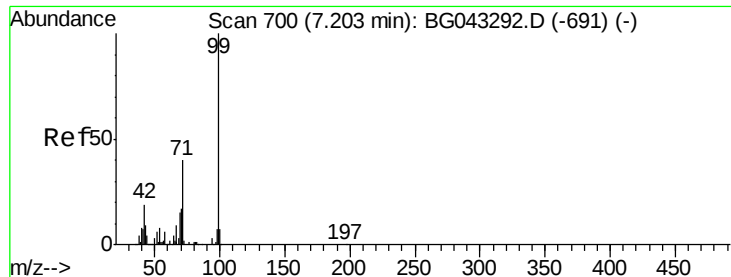
66 43.3 34.5 51.7

65 21.1 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: 121.064 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

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ClientSampleId :

SSTDIC060

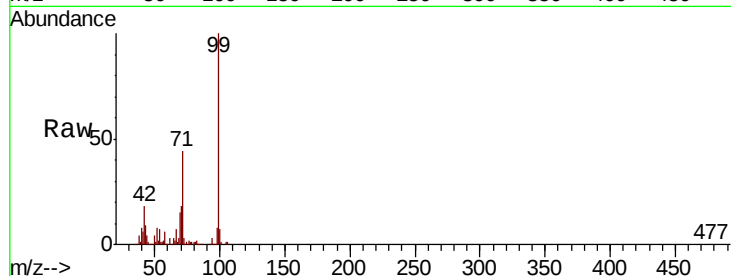
Tot Ion: 99 Resp: 346682

Ion Ratio Lower Upper

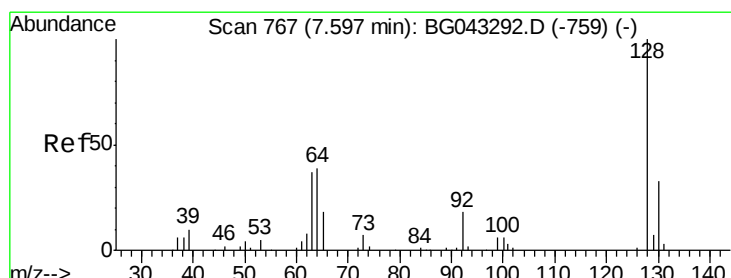
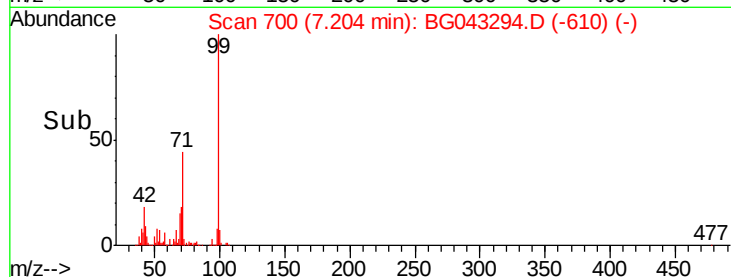
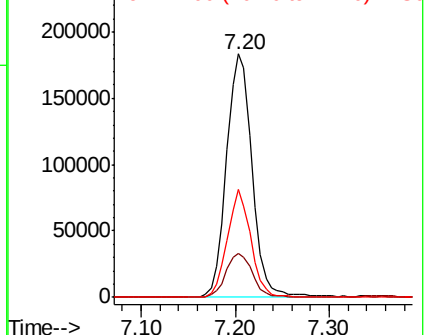
99 100

42 17.9 14.9 22.3

71 44.3 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: 61.943 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

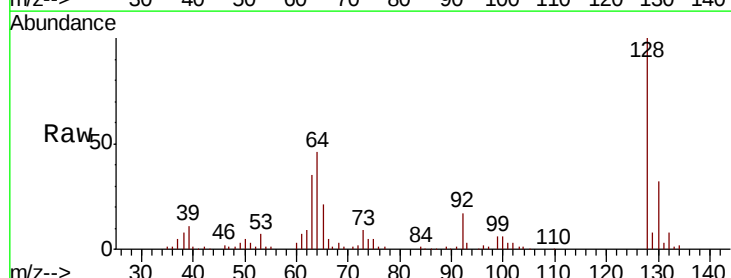
Tgt Ion: 128 Resp: 128457

Ion Ratio Lower Upper

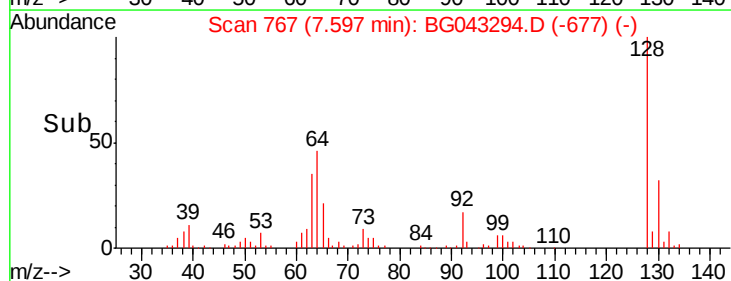
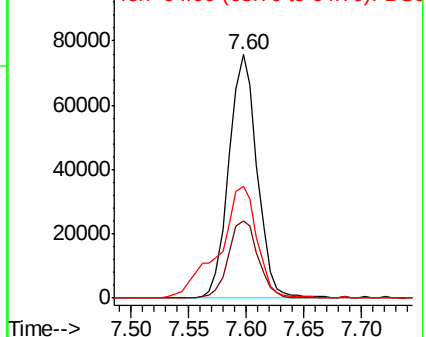
128 100

130 31.9 12.9 52.9

64 46.2 24.9 64.9



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





#9

Benzaldehyde

Concen: 40.196 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

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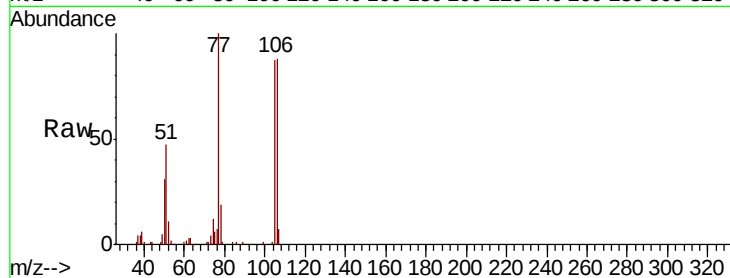
Tot Ion: 77 Resp: 70338

Ion Ratio Lower Upper

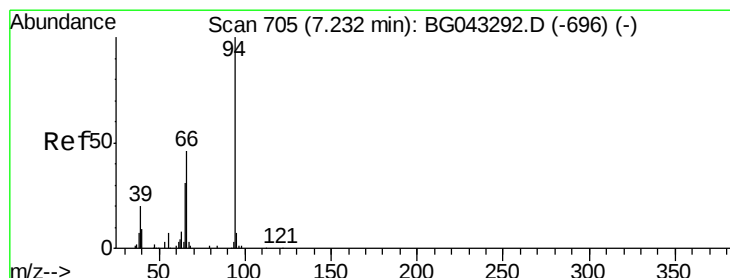
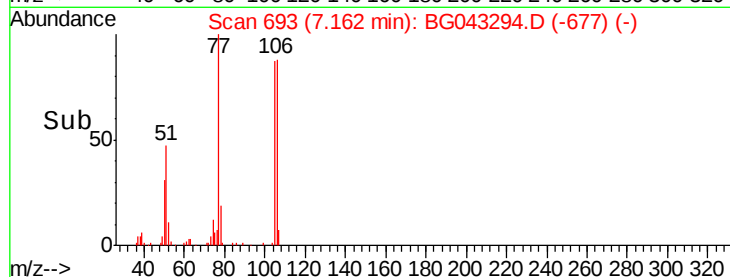
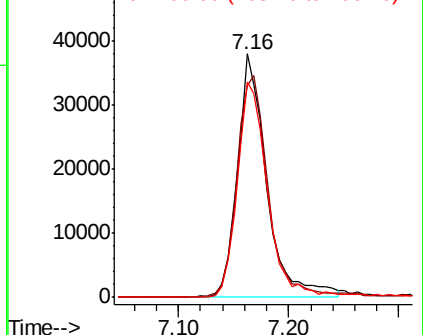
77 100

105 86.7 68.7 108.7

106 88.4 60.5 100.5



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



#10

Phenol

Concen: 60.589 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

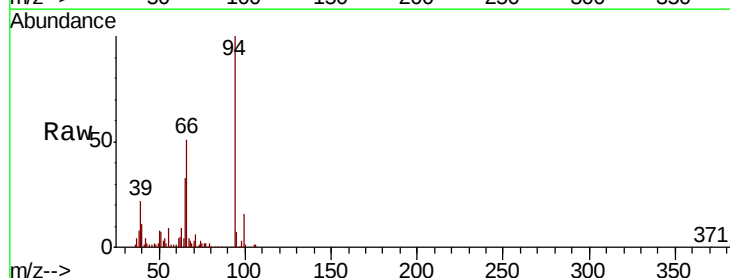
Tgt Ion: 94 Resp: 159185

Ion Ratio Lower Upper

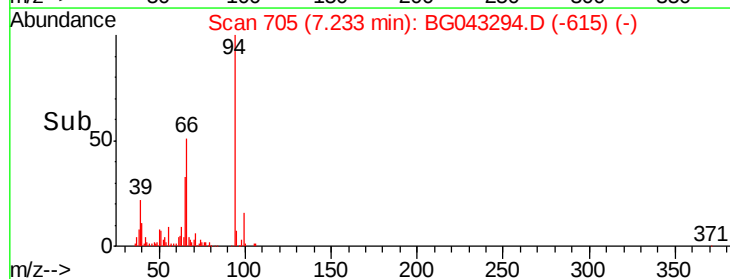
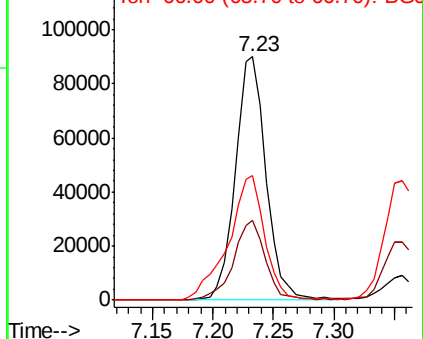
94 100

65 32.8 11.1 51.1

66 51.0 27.8 67.8



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

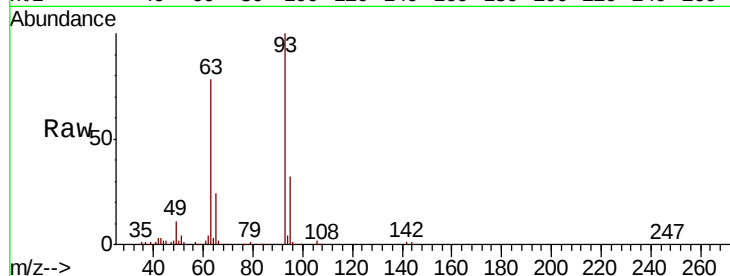




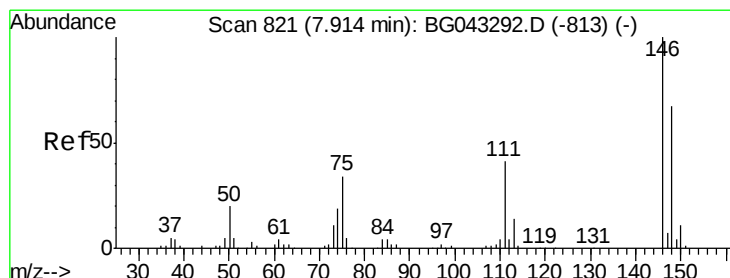
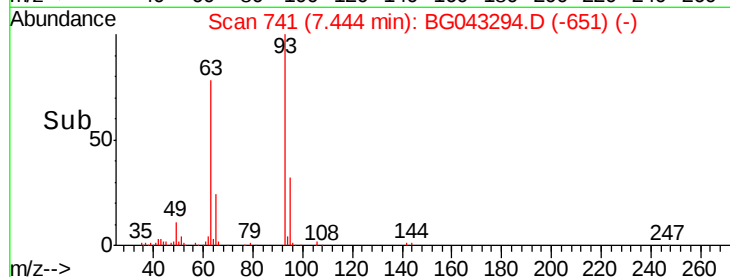
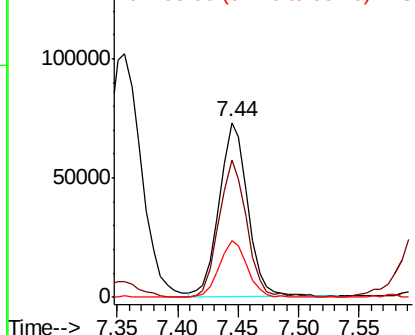
#11
bis(2-Chloroethyl)ether
Concen: 58.659 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion: 93 Resp: 119242
Ion Ratio Lower Upper
93 100
63 78.4 54.6 94.6
95 32.5 9.7 49.7

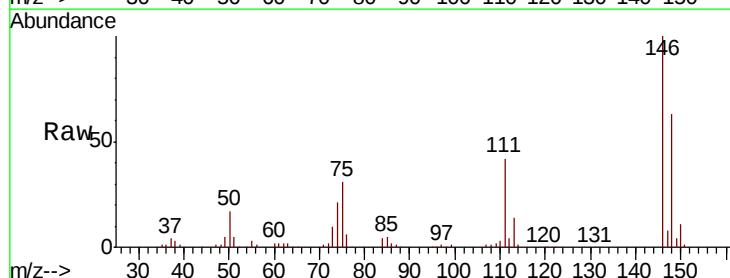


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

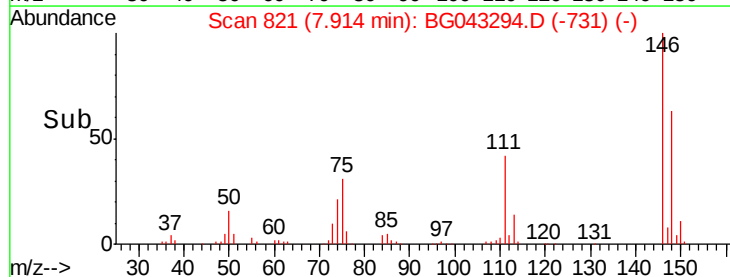
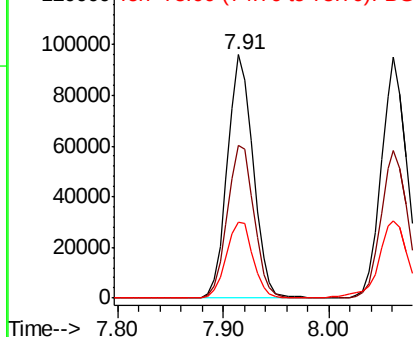


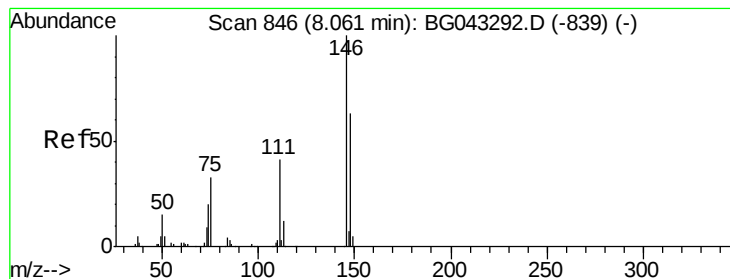
#12
1,3-Dichlorobenzene
Concen: 61.102 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion: 146 Resp: 161646
Ion Ratio Lower Upper
146 100
148 62.6 53.4 80.2
75 31.2 27.0 40.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 61.602 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

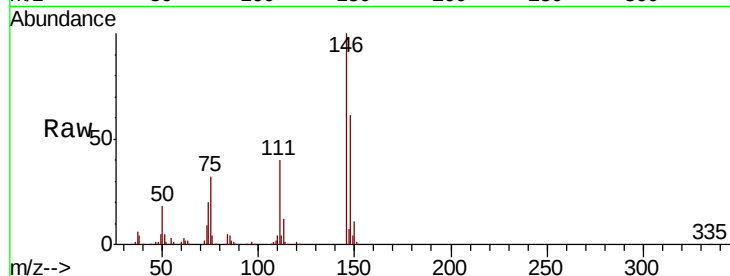
Tot Ion:146 Resp: 162460

Ion Ratio Lower Upper

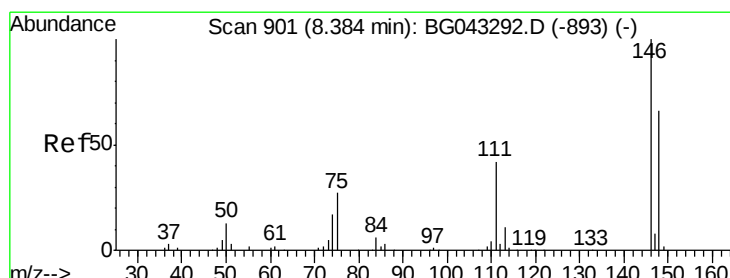
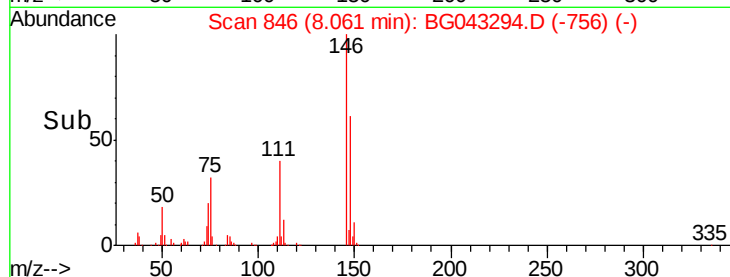
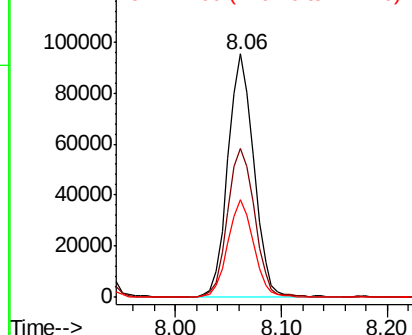
146 100

148 61.3 50.7 76.1

111 40.0 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: 62.257 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

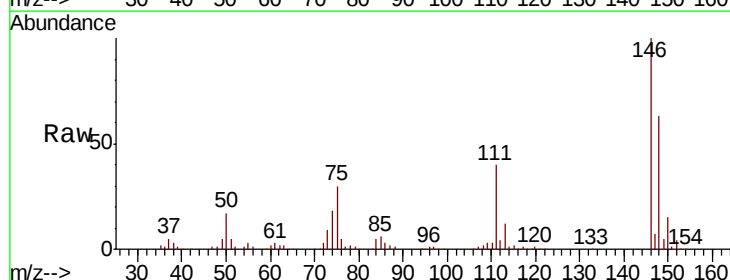
Tgt Ion:146 Resp: 156313

Ion Ratio Lower Upper

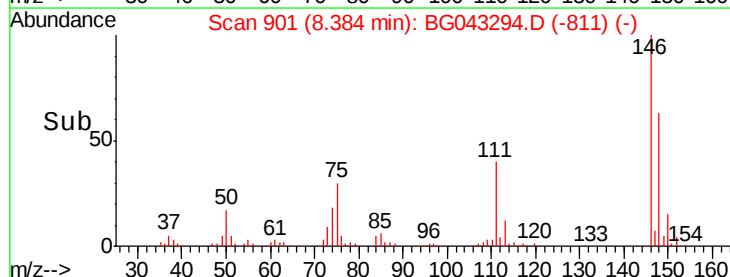
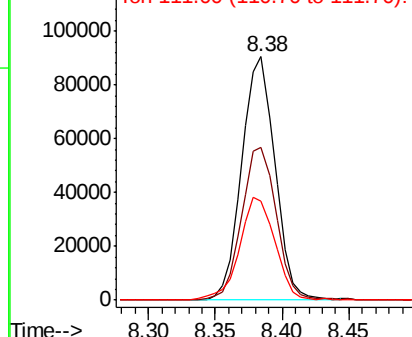
146 100

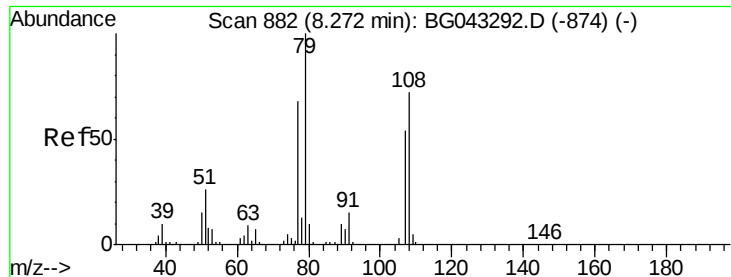
148 62.8 53.0 79.4

111 40.4 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: 58.262 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

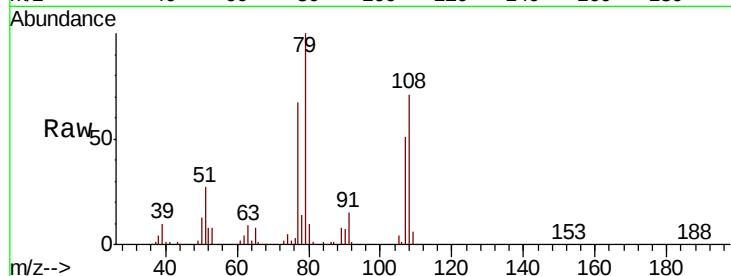
Tot Ion: 79 Resp: 125437

Ion Ratio Lower Upper

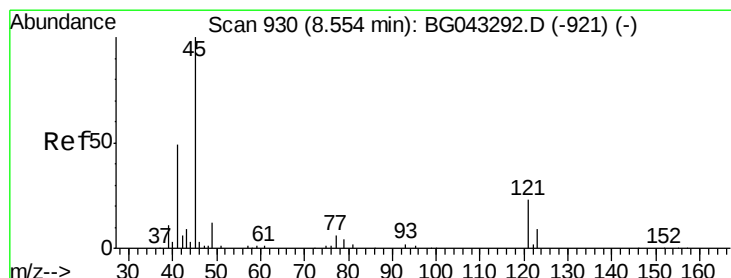
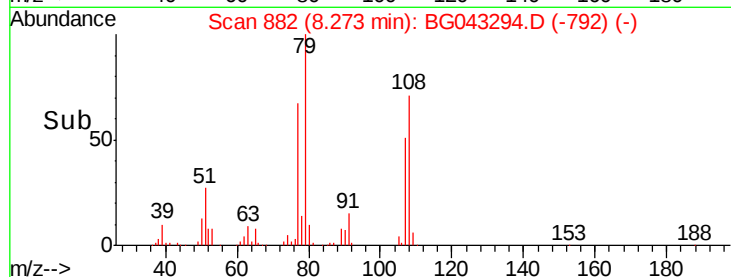
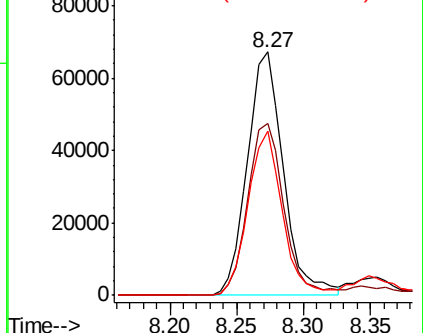
79 100

108 70.5 57.3 85.9

77 67.4 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: 43.406 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

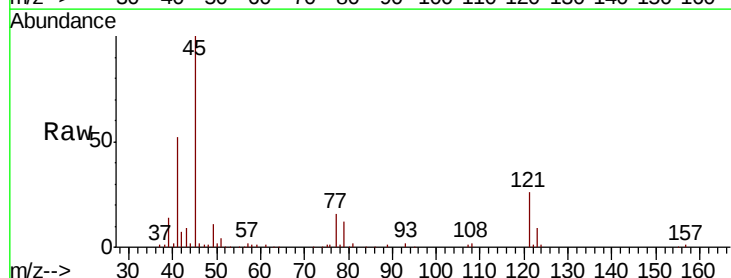
Tgt Ion: 45 Resp: 169453

Ion Ratio Lower Upper

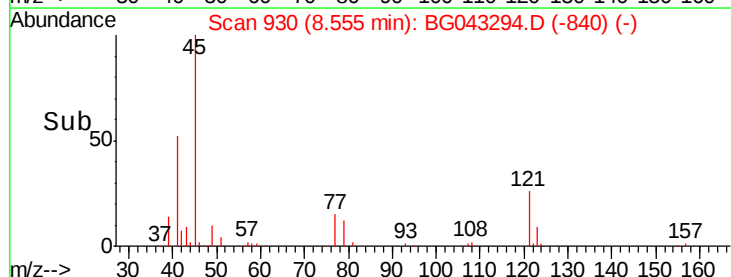
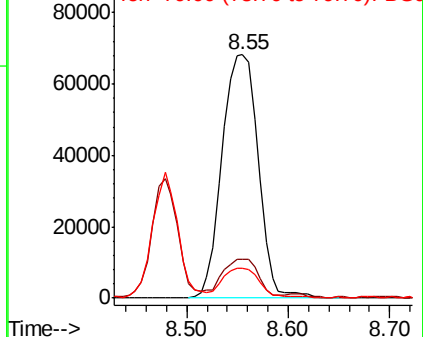
45 100

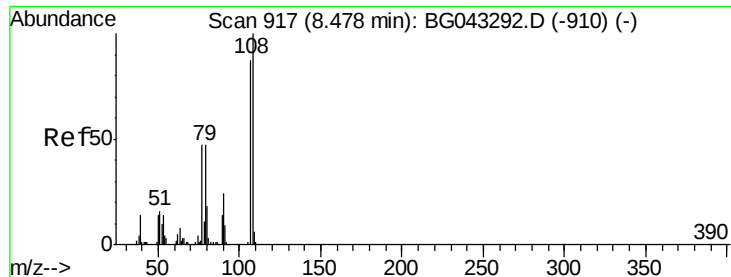
77 15.8 0.0 34.2

79 12.5 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: 61.100 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 112322

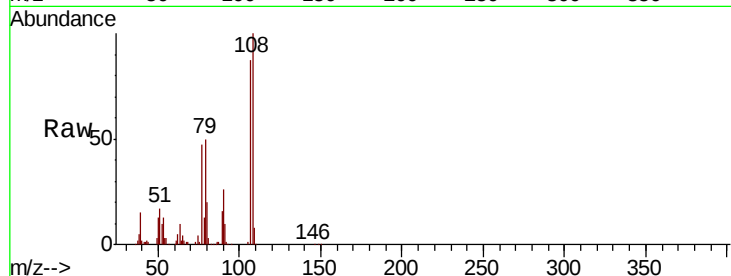
Ion Ratio Lower Upper

107 100

108 115.0 91.3 136.9

77 54.4 43.0 64.6

79 57.6 43.4 65.2

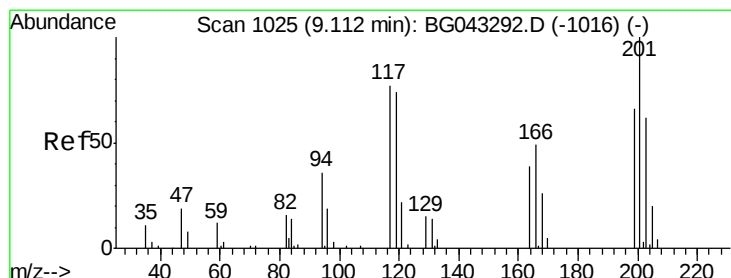
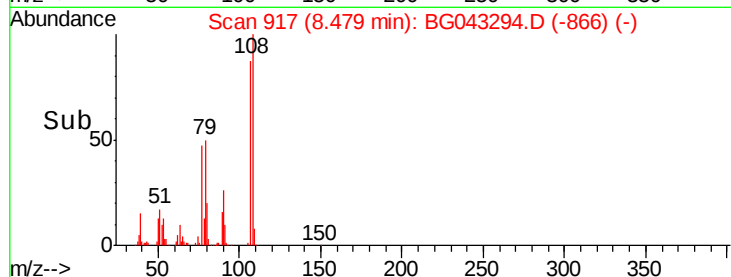
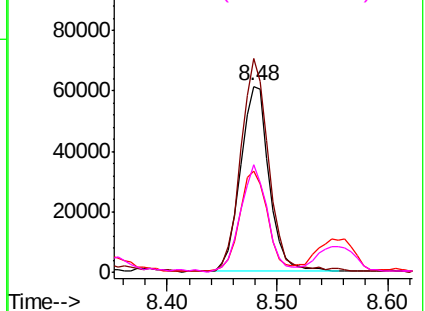


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 59.552 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

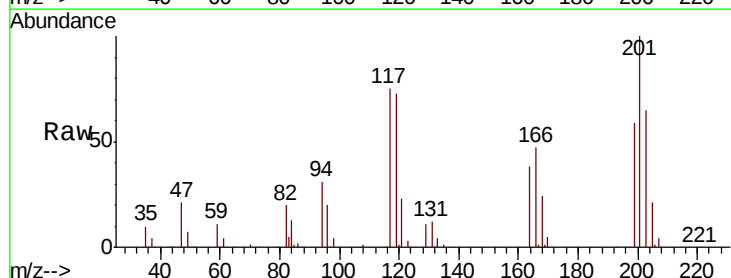
Tgt Ion:117 Resp: 59148

Ion Ratio Lower Upper

117 100

119 97.4 77.3 115.9

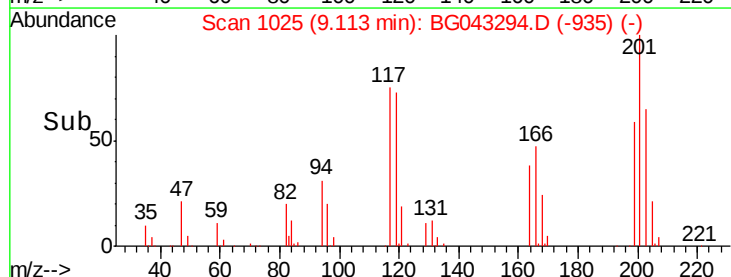
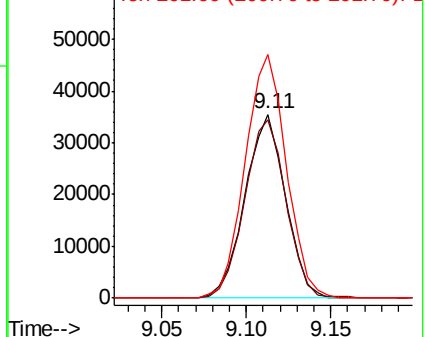
201 132.6 104.2 156.4

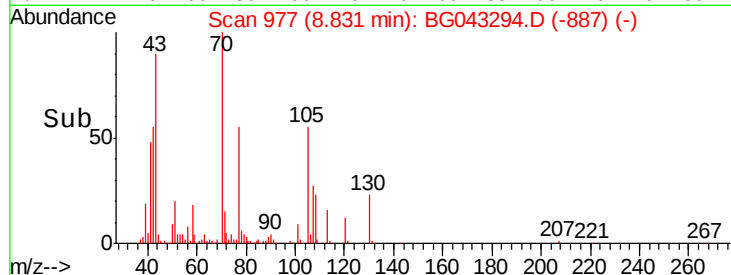
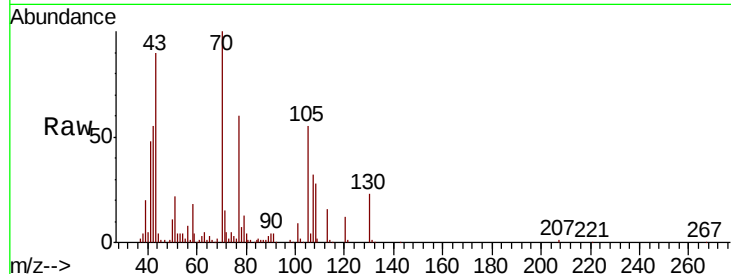
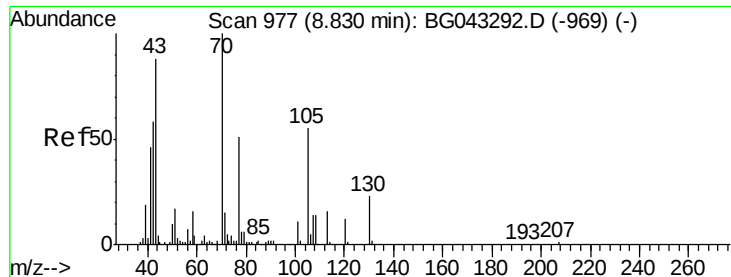


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

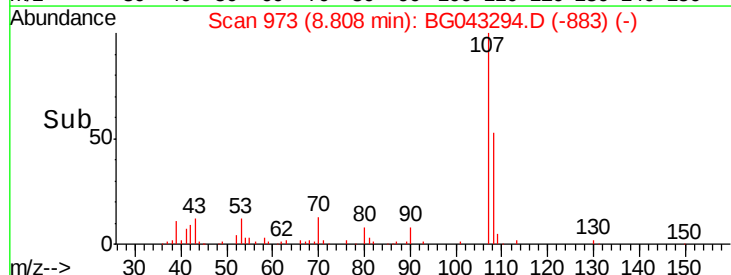
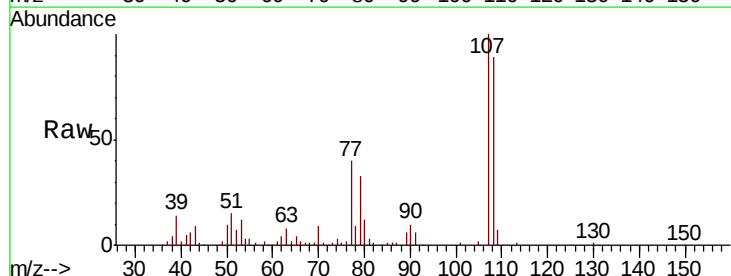
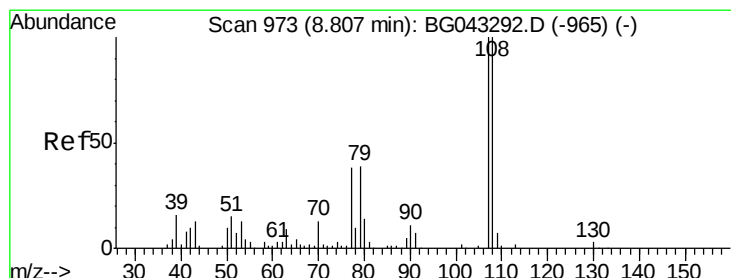
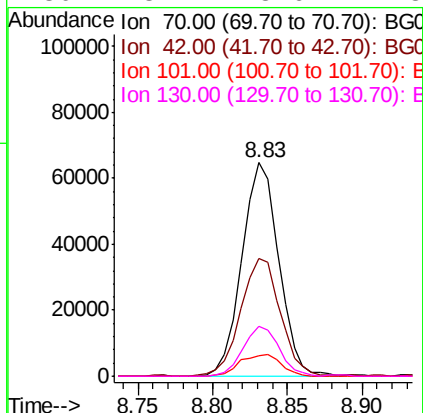




#19
n-Nitroso-di-n-propylamine
Concen: 58.771 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

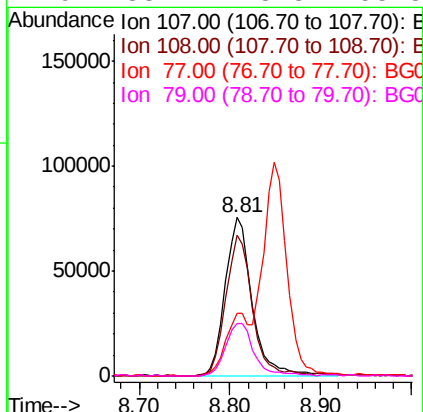
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion:	70	Resp:	110510
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.2	69.2
101	9.4	8.6	13.0
130	23.1	18.6	27.8



#20
3+4-Methylphenols
Concen: 62.019 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion:	107	Resp:	156242
Ion	Ratio	Lower	Upper
107	100		
108	88.8	80.3	120.3
77	39.6	18.2	58.2
79	33.4	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 149547

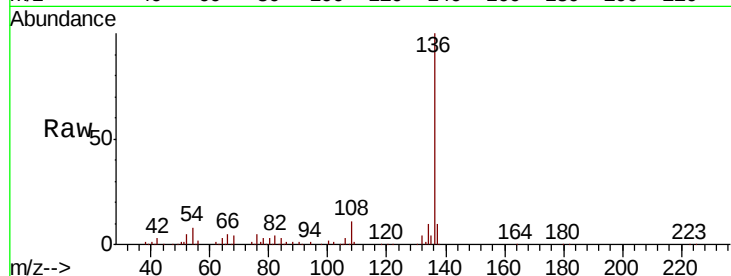
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.8 5.4 8.2

68 4.4 3.3 4.9

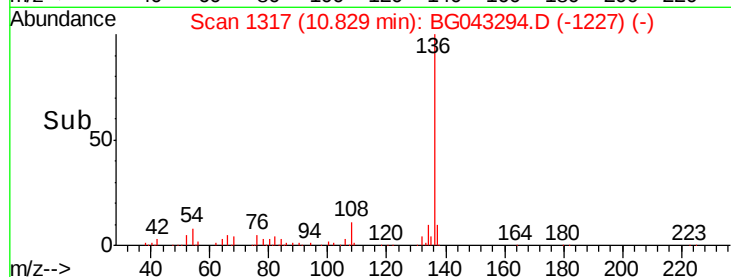


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

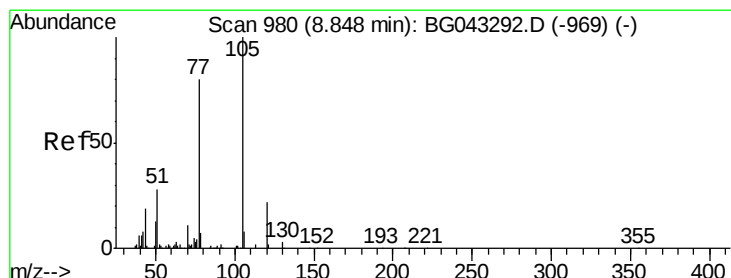
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.83



#22

Acetophenone

Concen: 59.419 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Tgt Ion:105 Resp: 229051

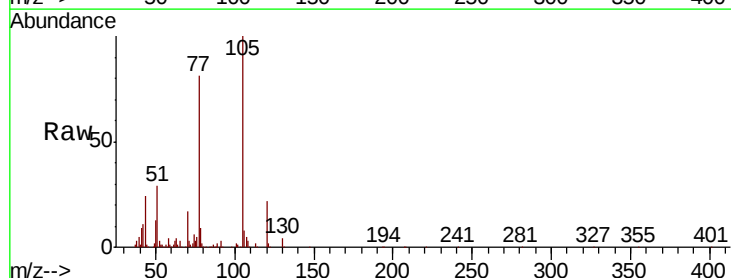
Ion Ratio Lower Upper

105 100

71 3.1 1.5 2.3#

51 28.8 23.9 35.9

120 21.9 17.3 25.9

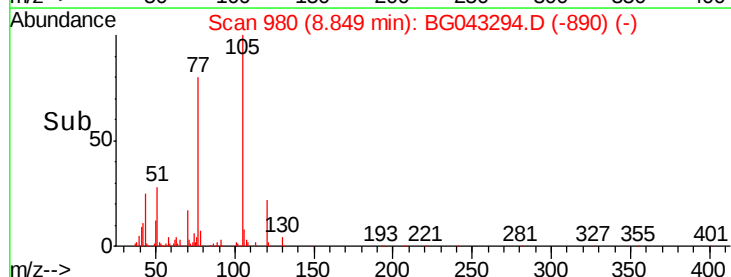


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

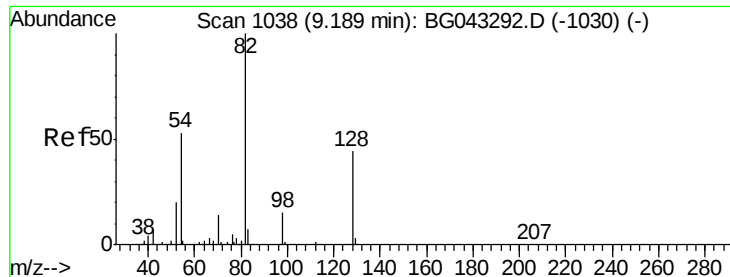
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

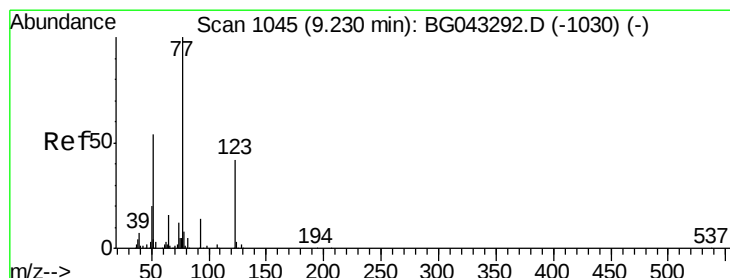
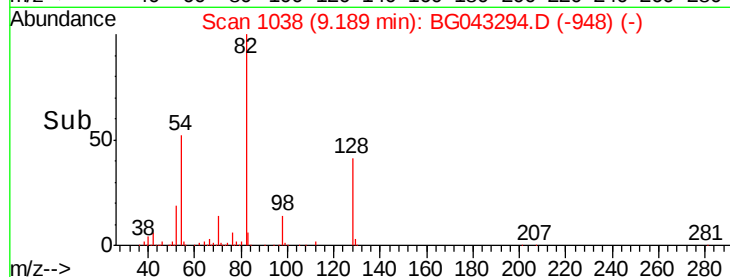
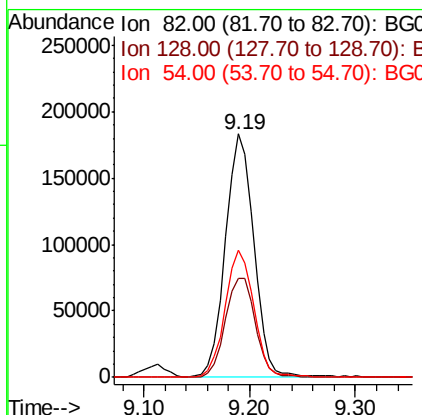
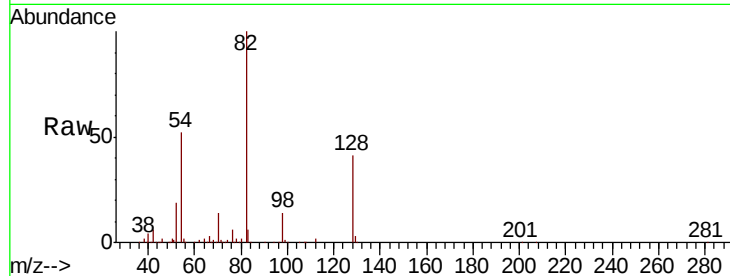
8.85



#23
Nitrobenzene-d5
Concen: 110.717 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

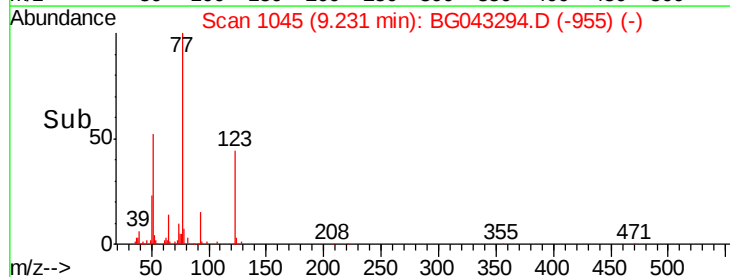
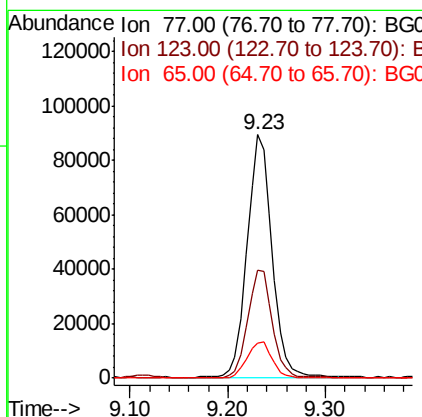
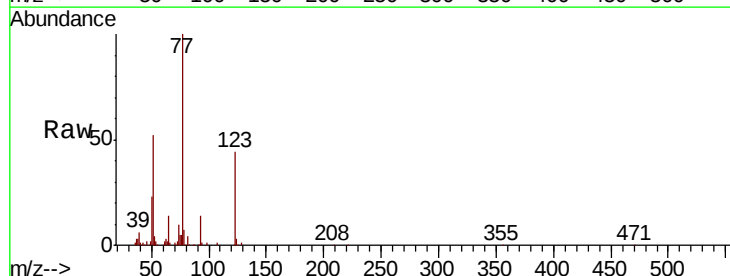
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

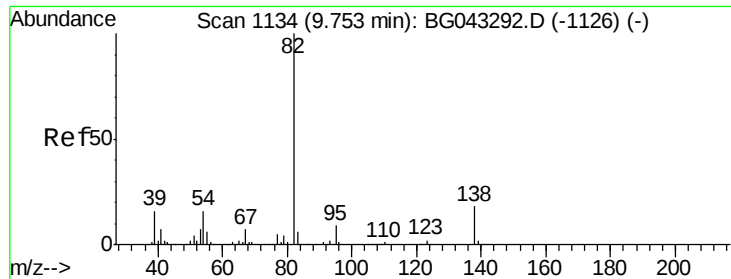
Tot Ion	82	Resp	340650
Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.3	52.9
54	52.3	42.3	63.5



#24
Nitrobenzene
Concen: 55.148 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion	77	Resp	161845
Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.8	50.8
65	14.3	13.0	19.4





#25

Isophorone

Concen: 57.996 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

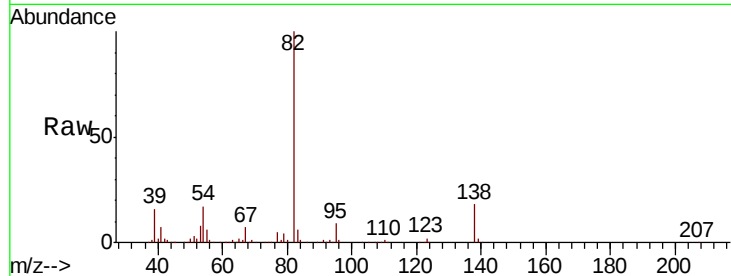
Tot Ion: 82 Resp: 313435

Ion Ratio Lower Upper

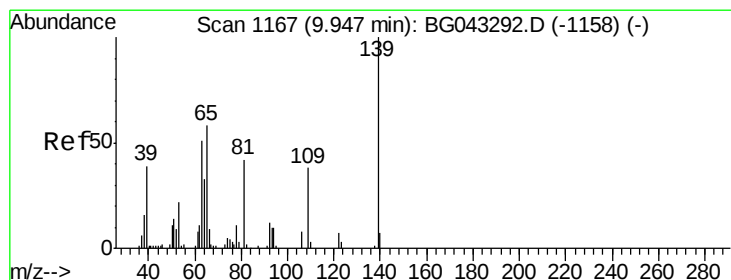
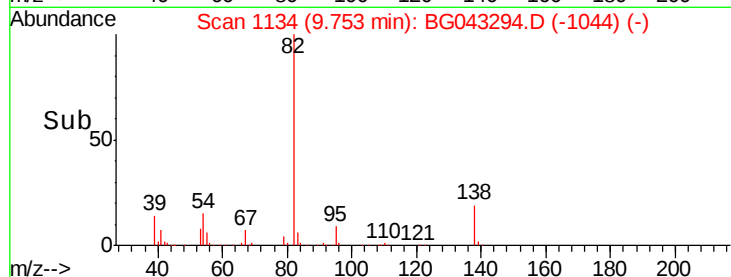
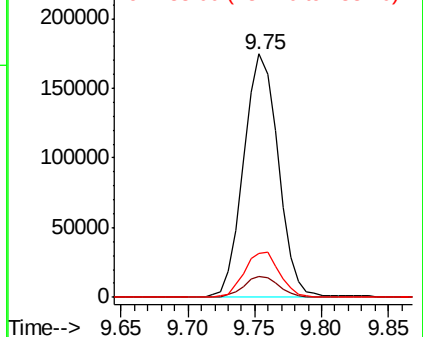
82 100

95 8.7 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: 63.689 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

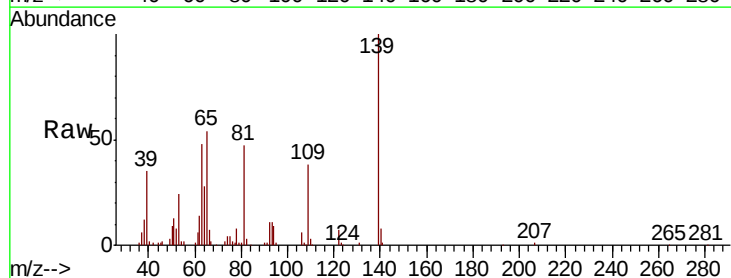
Tgt Ion: 139 Resp: 79568

Ion Ratio Lower Upper

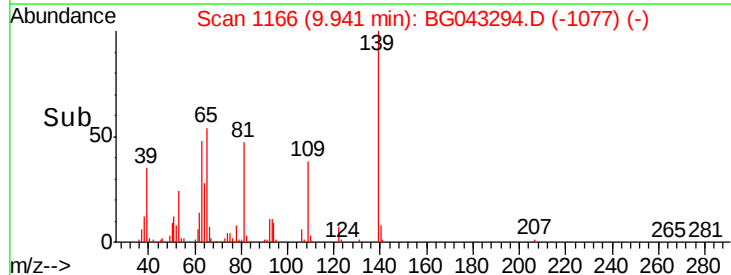
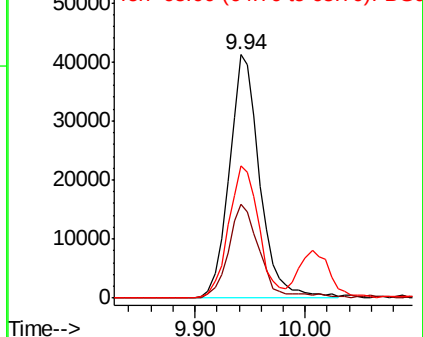
139 100

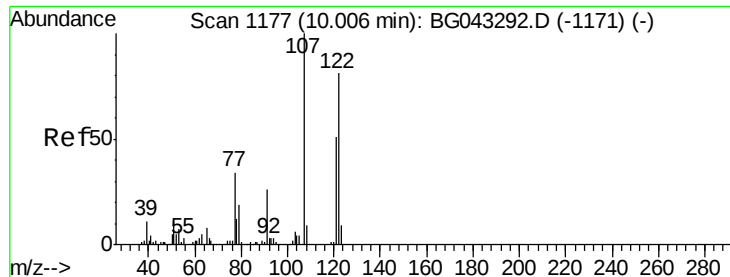
109 38.4 30.1 45.1

65 54.1 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: 60.188 ng

RT: 10.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

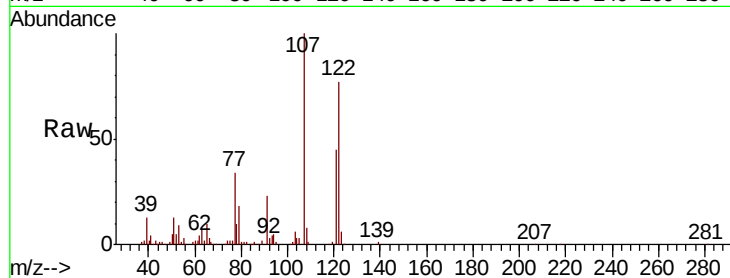
Tot Ion:122 Resp: 115477

Ion Ratio Lower Upper

122 100

107 129.1 98.6 147.8

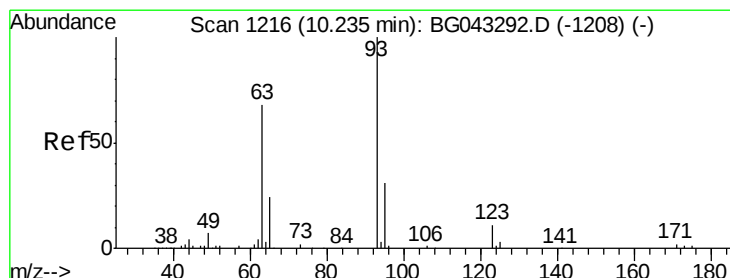
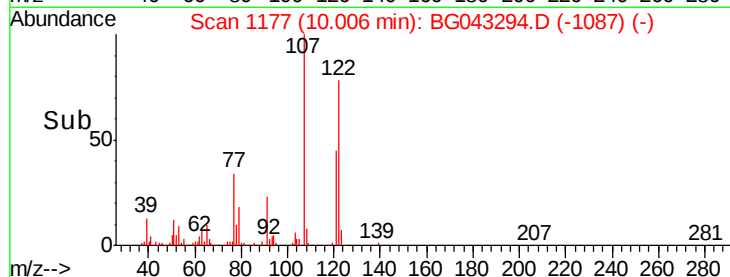
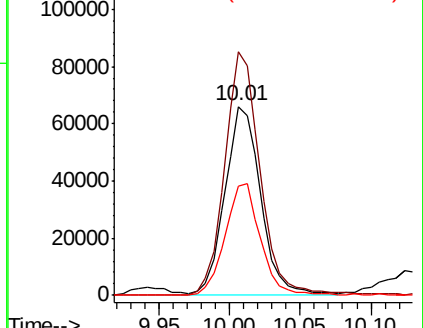
121 58.1 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.698 ng

RT: 10.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

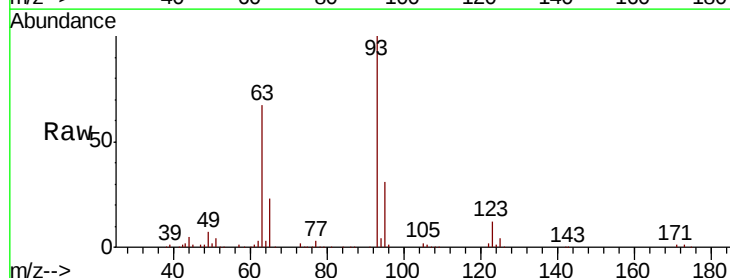
Tgt Ion: 93 Resp: 173855

Ion Ratio Lower Upper

93 100

95 31.4 24.9 37.3

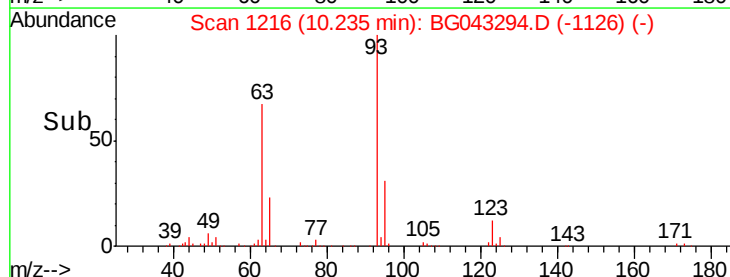
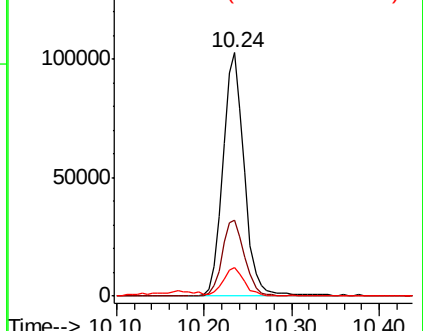
123 11.7 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

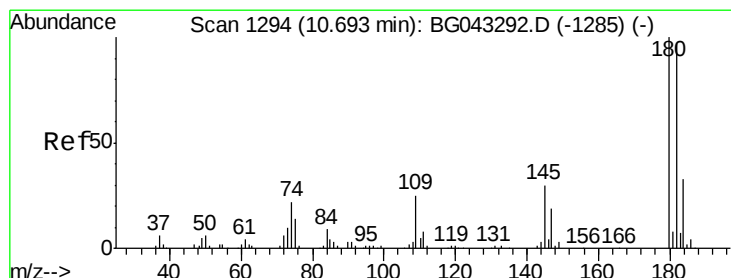
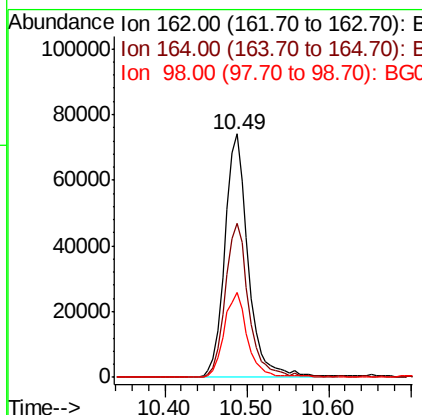
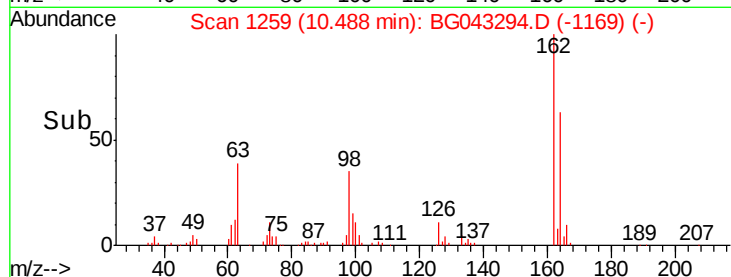
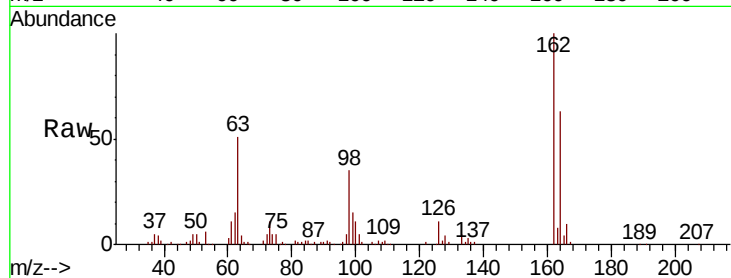




#29
2,4-Dichlorophenol
Concen: 61.937 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

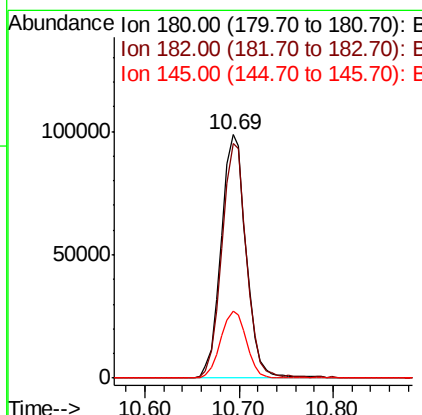
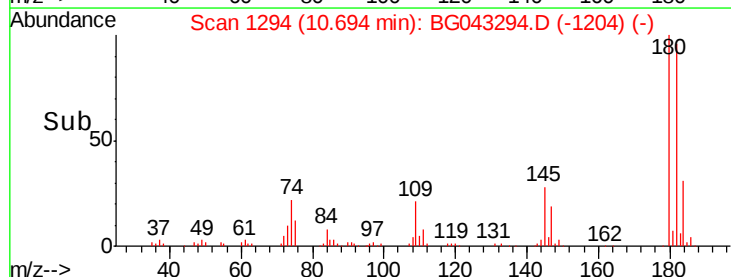
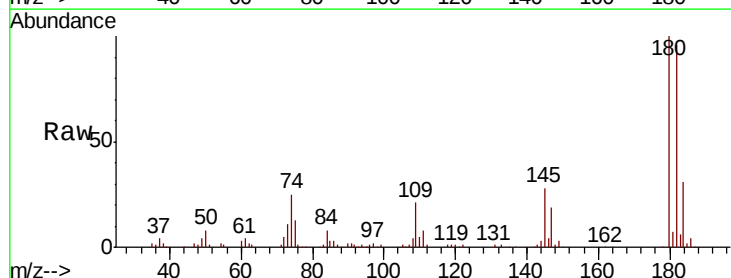
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	37.3	77.3
98	35.0	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 59.540 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.8	116.8
145	27.6	23.6	35.4

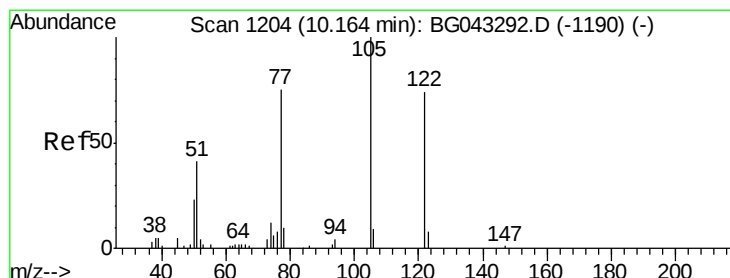
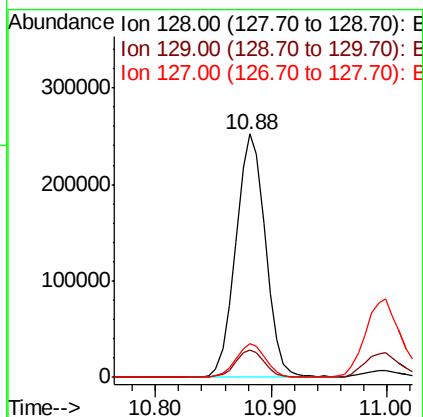
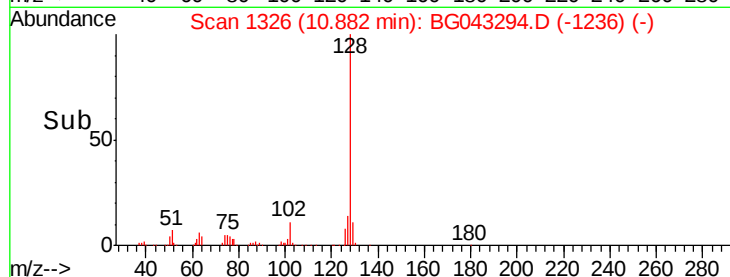
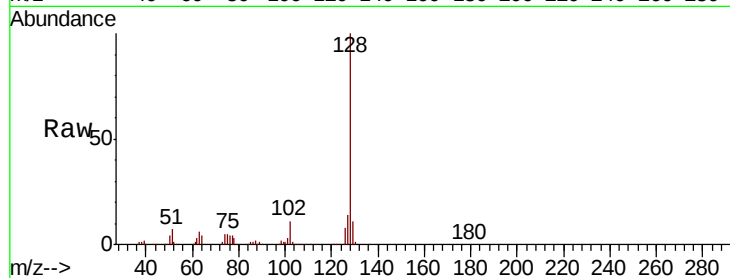




#31
Naphthalene
Concen: 60.984 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

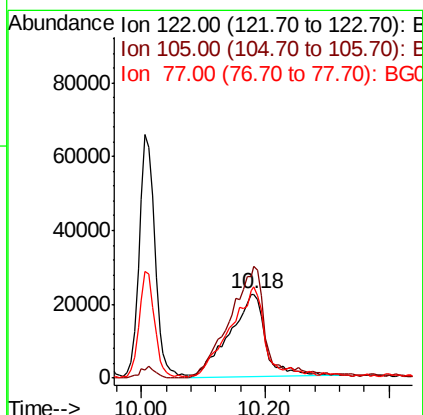
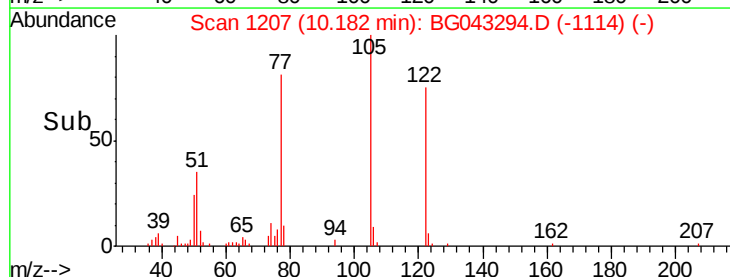
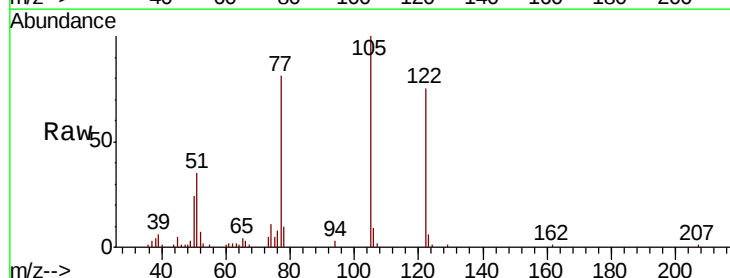
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

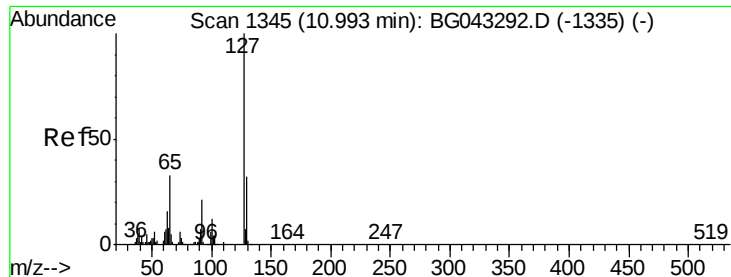
Tot Ion:128 Resp: 448944
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.7 11.5 17.3



#32
Benzoic acid
Concen: 62.275 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion:122 Resp: 90180
Ion Ratio Lower Upper
122 100
105 133.0 112.4 152.4
77 108.0 82.7 122.7

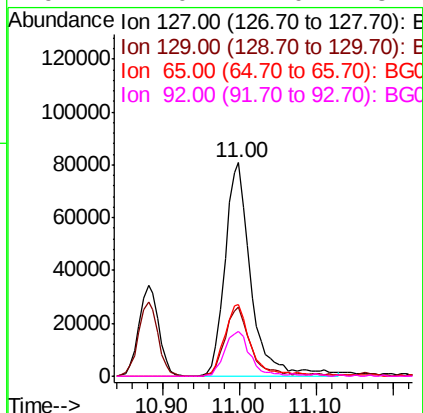
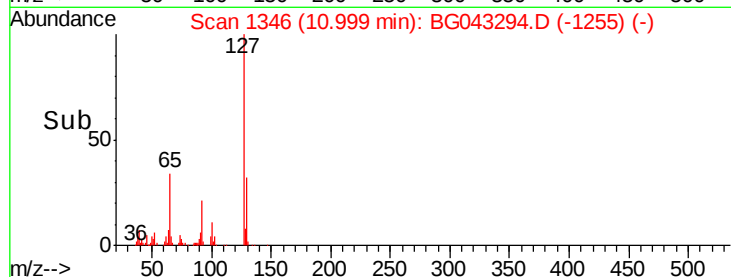
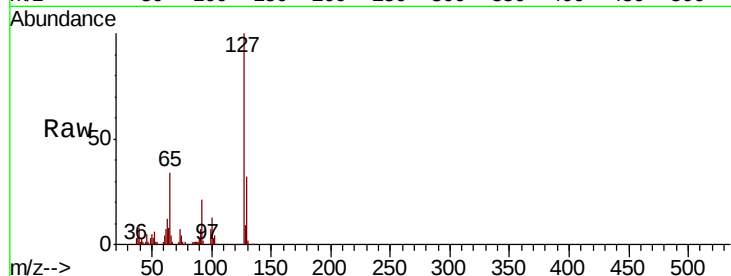




#33
4-Chloroaniline
Concen: 58.770 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

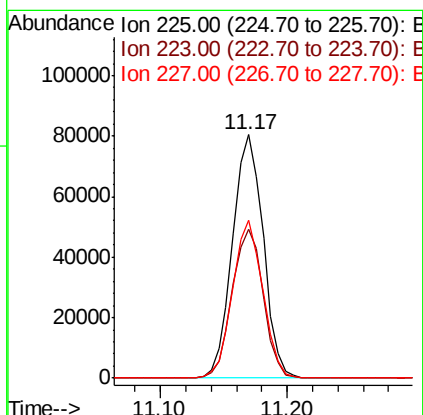
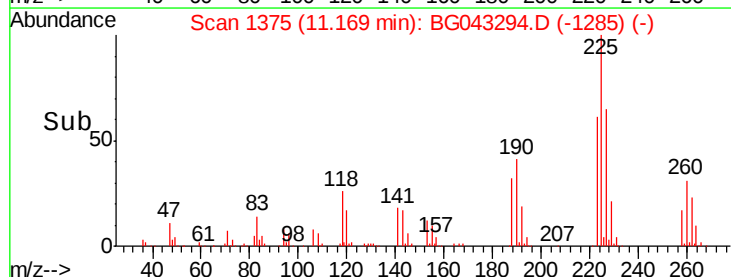
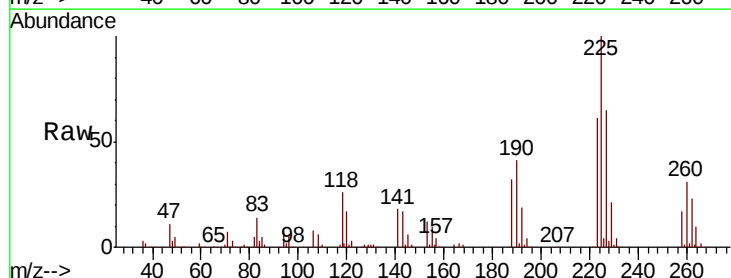
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

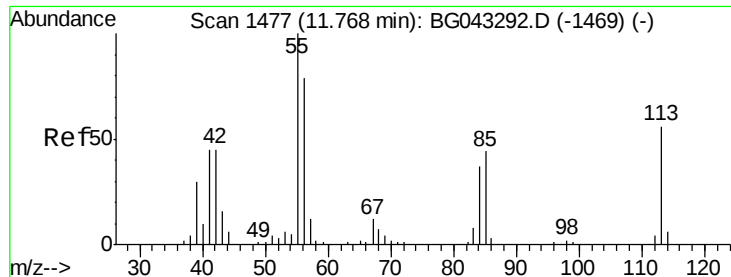
Tot Ion:127	Resp:	187735
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.8 38.8
65	33.8	26.2 39.2
92	21.0	17.0 25.4



#34
Hexachlorobutadiene
Concen: 58.281 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion:225	Resp:	134470
Ion Ratio	Lower	Upper
225	100	
223	61.4	53.2 79.8
227	64.6	56.2 84.2

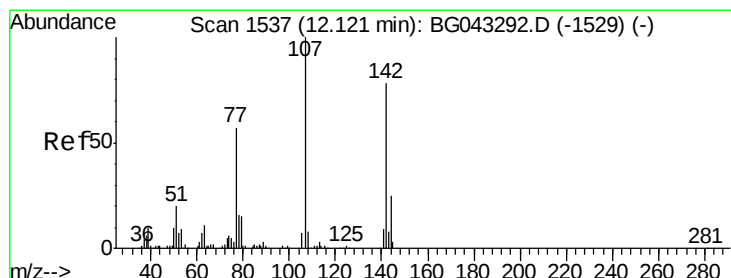
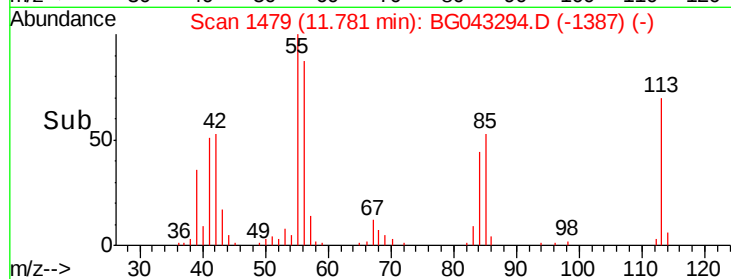
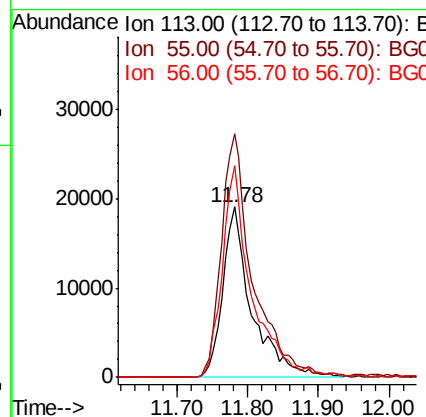
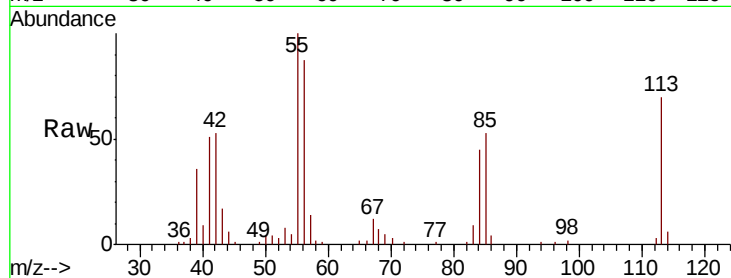




#35
 Caprolactam
 Concen: 64.865 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

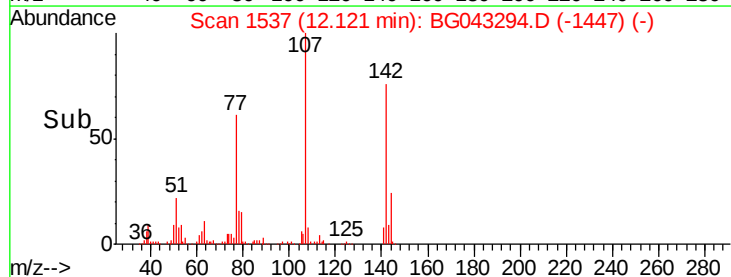
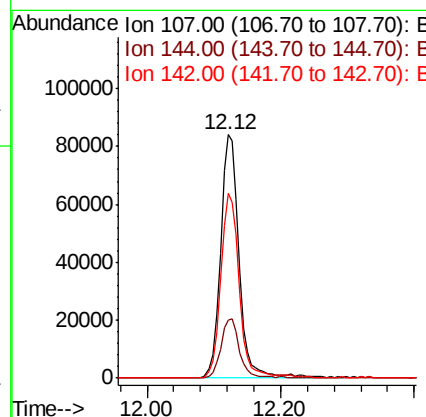
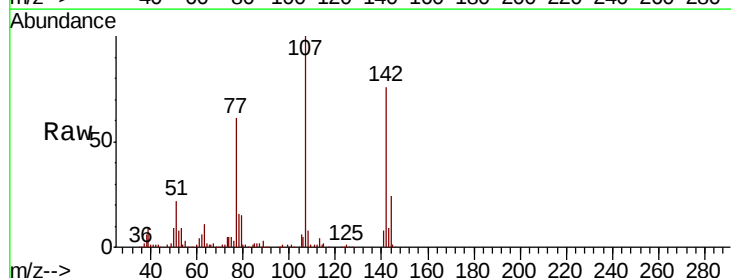
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion:113 Resp: 54583
 Ion Ratio Lower Upper
 113 100
 55 143.1 158.9 198.9#
 56 124.3 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 63.451 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Tgt Ion:107 Resp: 164620
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.9 29.9
 142 75.8 62.1 93.1

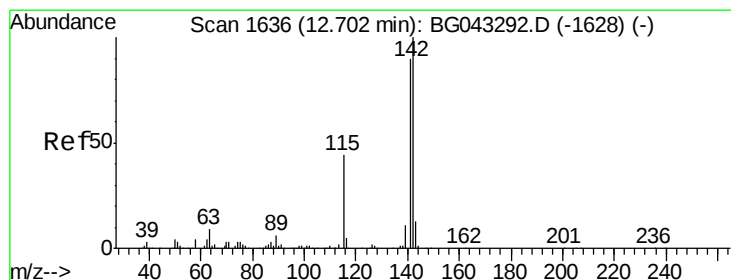
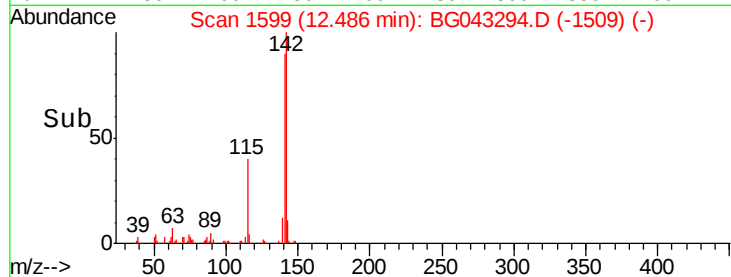
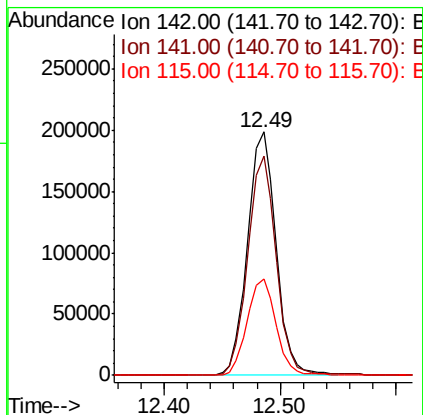
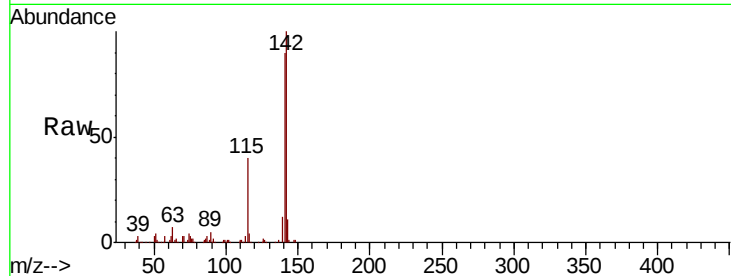




#37
 2-Methylnaphthalene
 Concen: 61.080 ng
 RT: 12.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

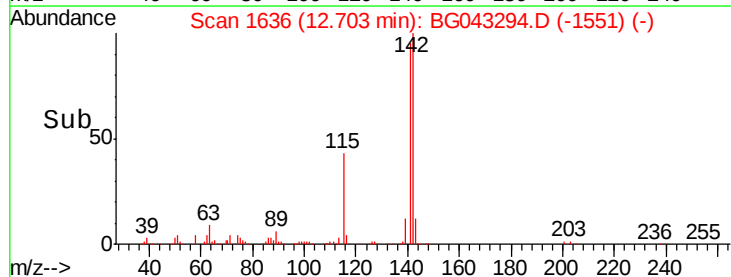
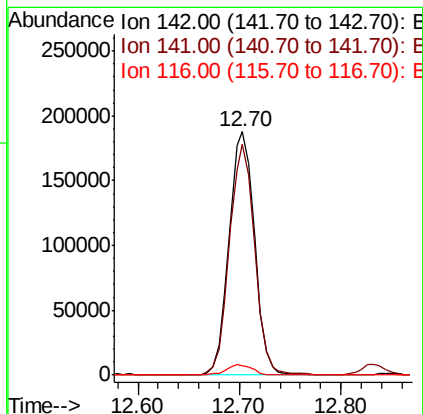
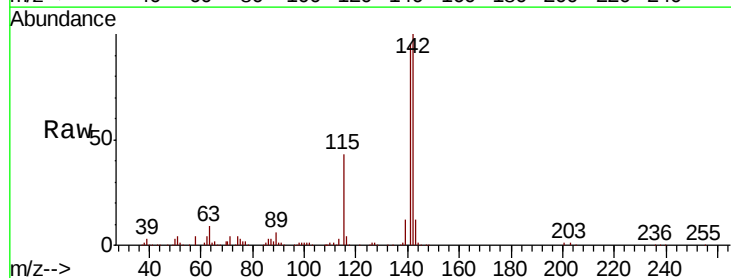
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

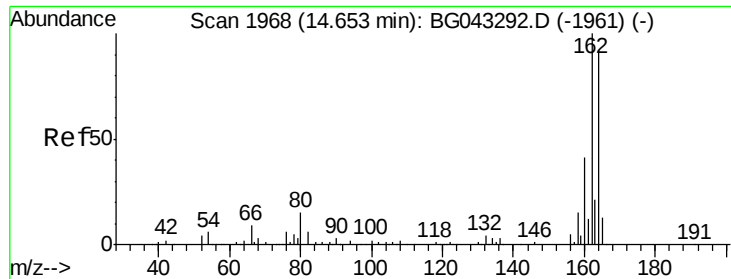
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.7	104.5
115	39.7	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 61.151 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.3	108.5
116	3.8	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

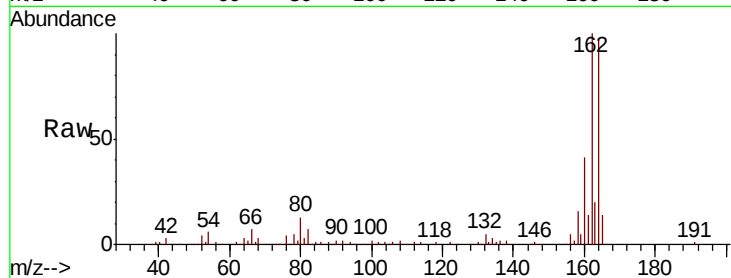
Tot Ion:164 Resp: 110607

Ion Ratio Lower Upper

164 100

162 103.0 87.0 130.4

160 42.6 35.5 53.3

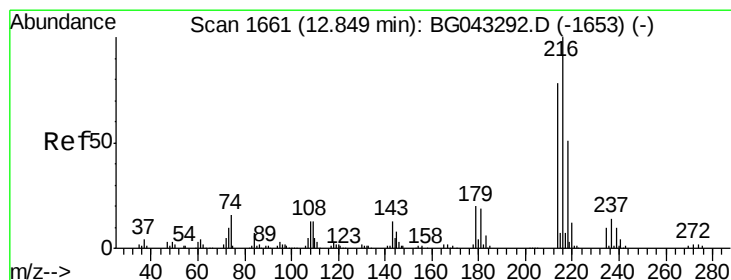
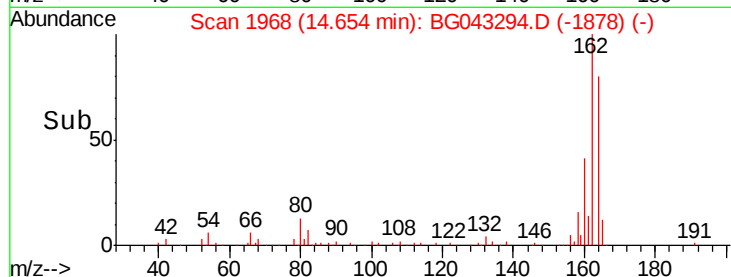
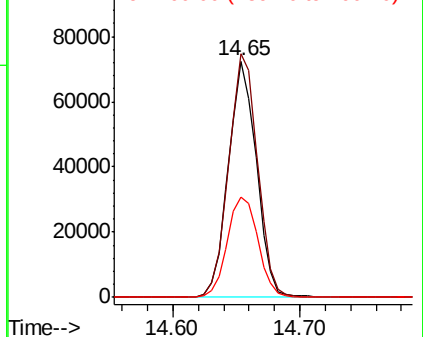


Abundance

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: 57.803 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Tgt Ion:216 Resp: 240389

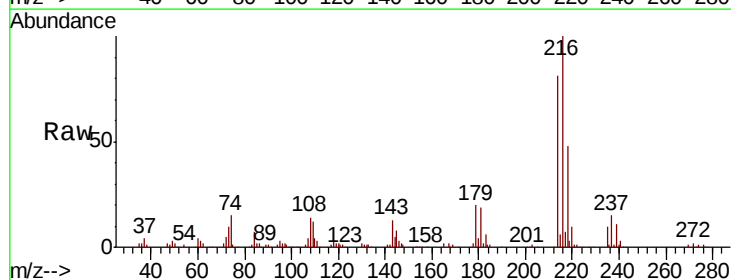
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 19.8 16.2 24.2

108 14.9 11.2 16.8



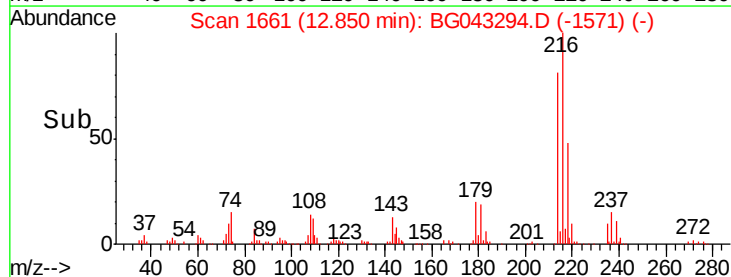
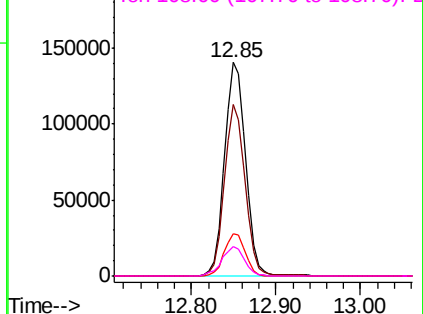
Abundance

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: 51.084 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

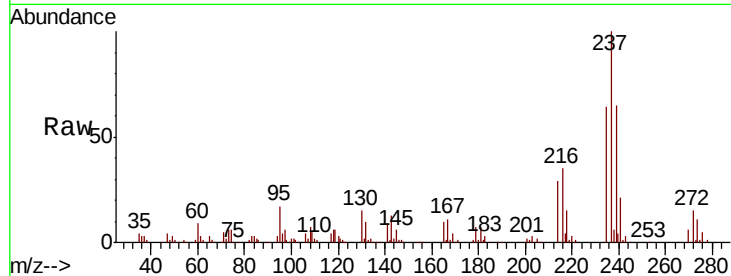
Tot Ion:237 Resp: 135360

Ion Ratio Lower Upper

237 100

235 63.8 40.3 80.3

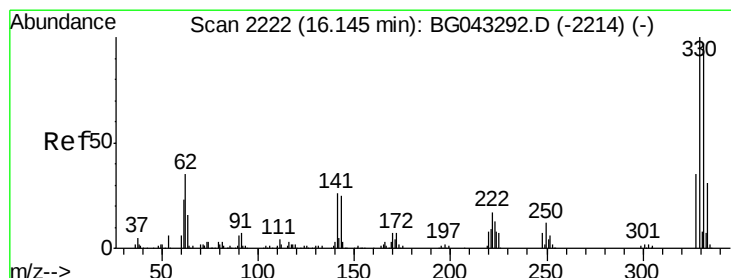
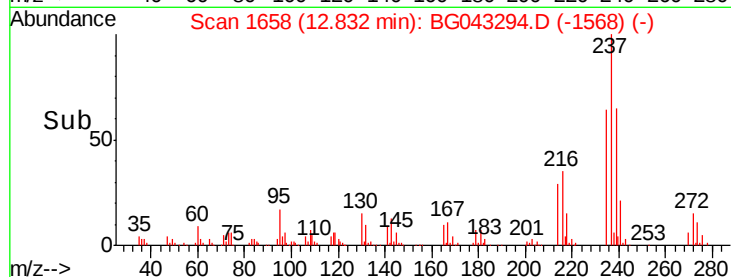
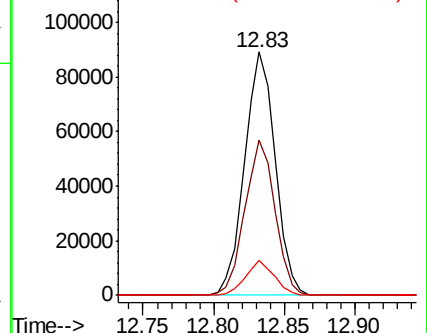
272 14.5 0.0 32.9



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: 133.184 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

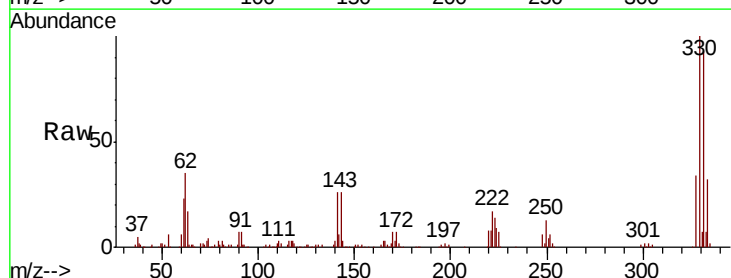
Tgt Ion:330 Resp: 253310

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

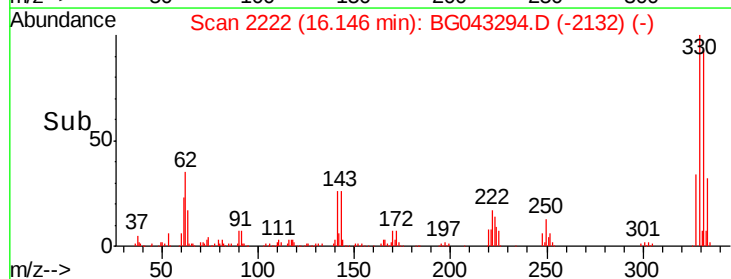
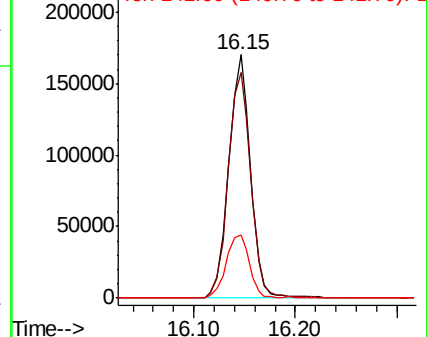
141 28.2 21.4 32.0

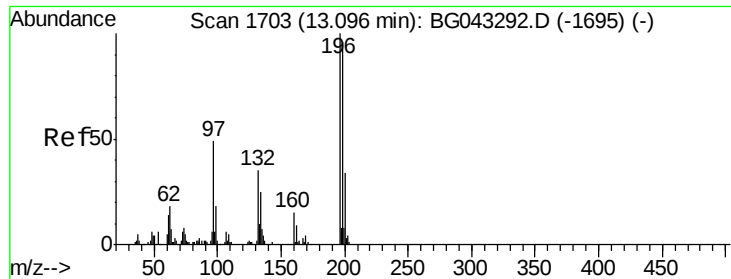


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

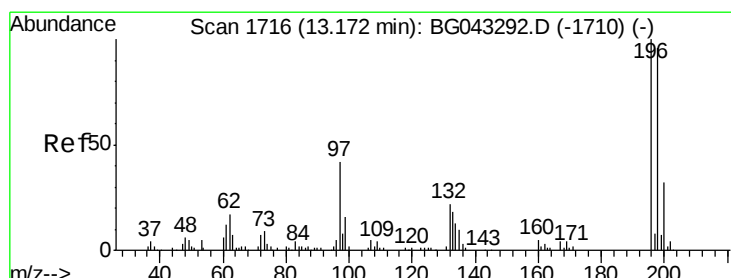
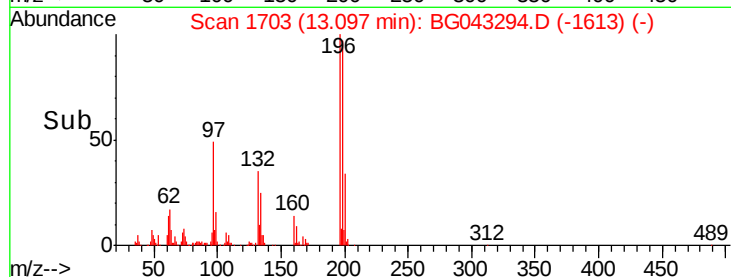
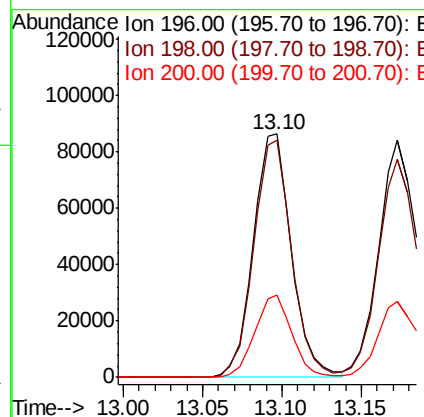
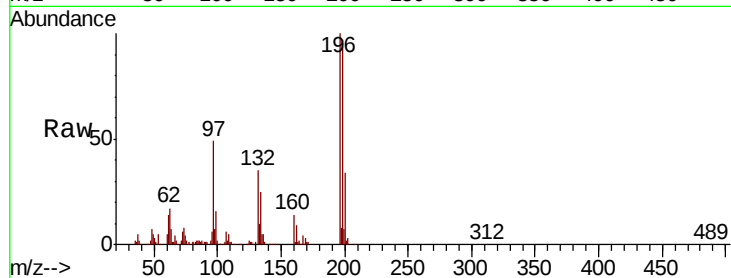




#43
 2,4,6-Trichlorophenol
 Concen: 59.358 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

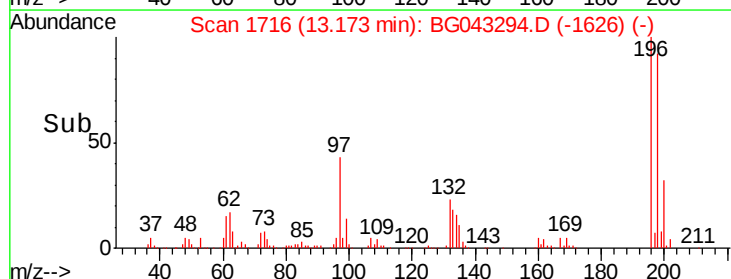
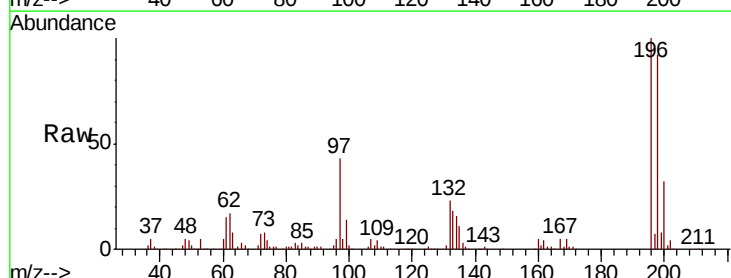
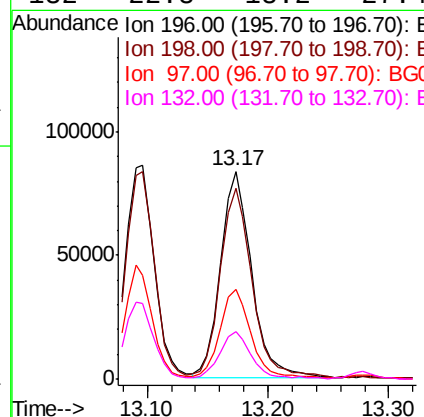
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

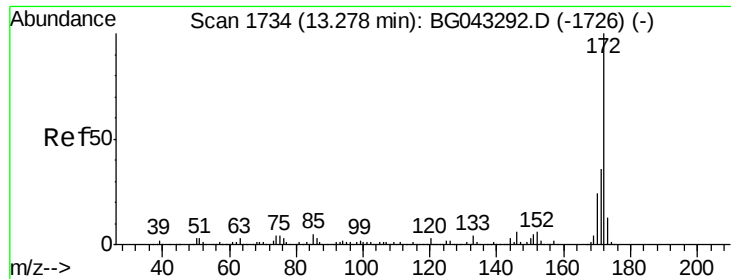
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.0	115.4
200	33.8	27.4	41.2



#44
 2,4,5-Trichlorophenol
 Concen: 59.205 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	76.6	114.8
97	43.0	34.1	51.1
132	22.8	18.2	27.4

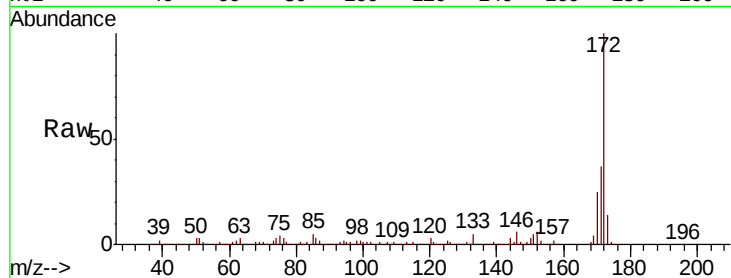




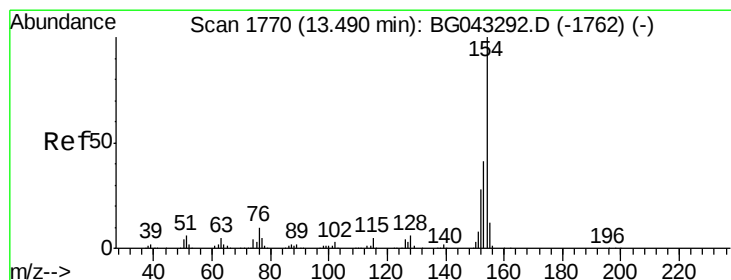
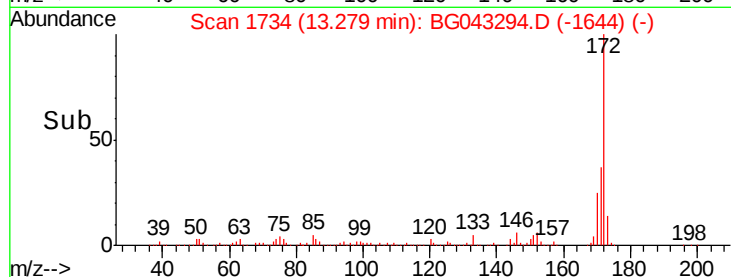
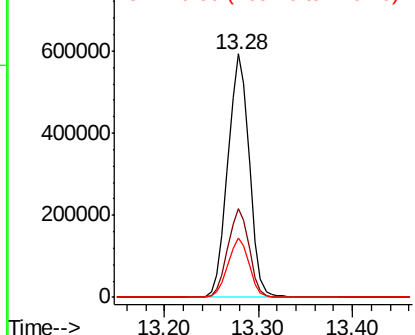
#45
2-Fluorobiphenyl
Concen: 123.325 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion:172 Resp: 940931
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.5 18.8 28.2

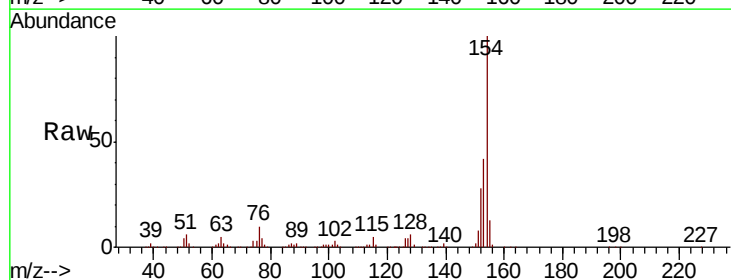


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

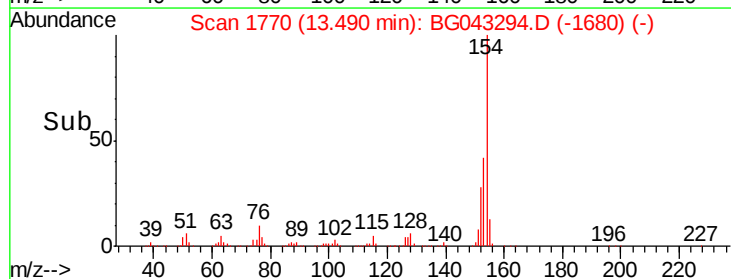
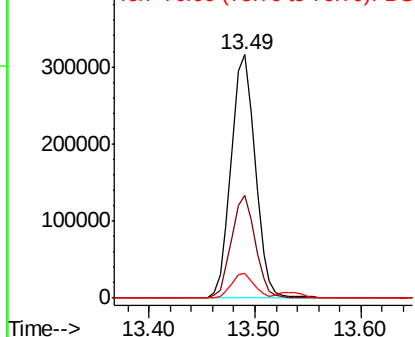


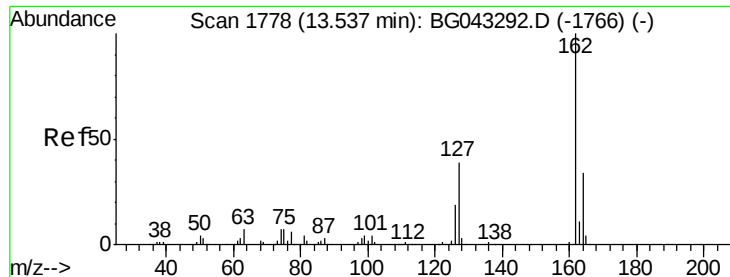
#46
1,1'-Biphenyl
Concen: 59.460 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion:154 Resp: 498745
Ion Ratio Lower Upper
154 100
153 42.0 21.0 61.0
76 10.1 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

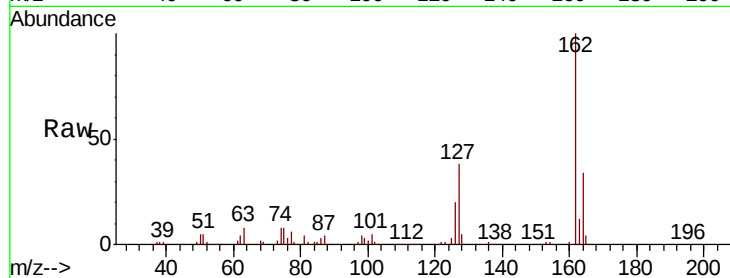




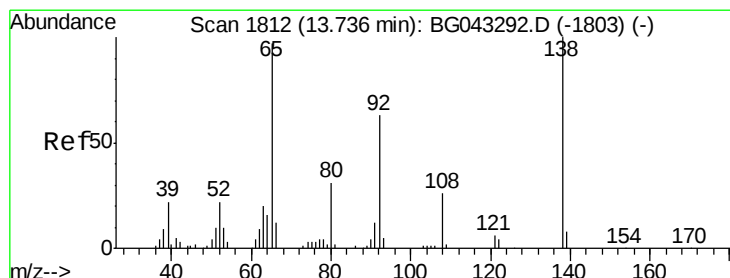
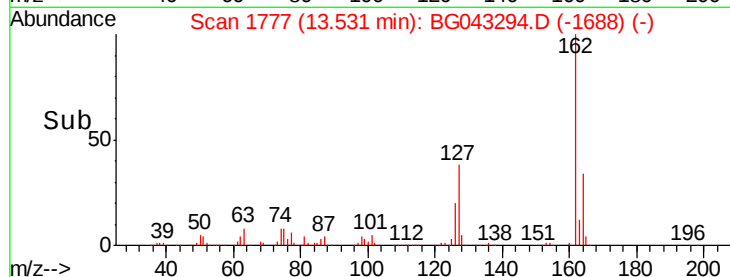
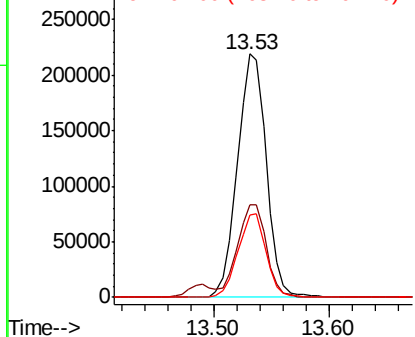
#47
2-Chloronaphthalene
Concen: 60.238 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:162 Resp: 378822
Ion Ratio Lower Upper
162 100
127 38.2 31.3 46.9
164 33.7 26.8 40.2

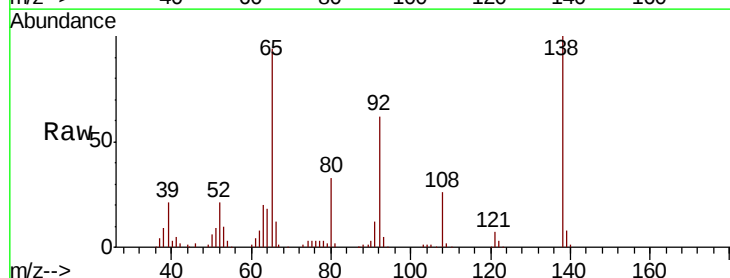


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

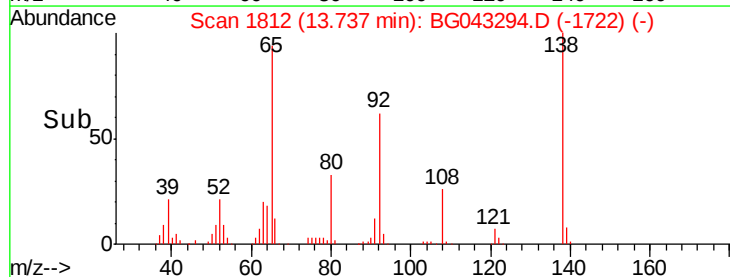
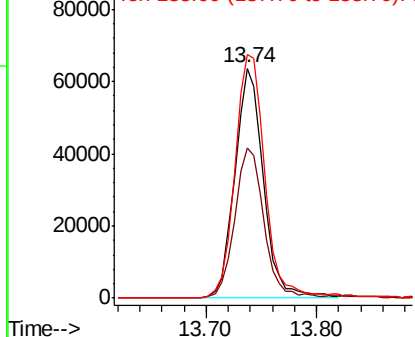


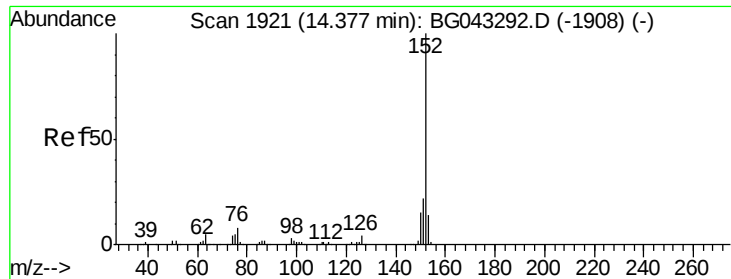
#48
2-Nitroaniline
Concen: 55.777 ng
RT: 13.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion: 65 Resp: 116646
Ion Ratio Lower Upper
65 100
92 65.6 52.6 79.0
138 106.0 82.9 124.3



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





#49

Acenaphthylene

Concen: 61.704 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

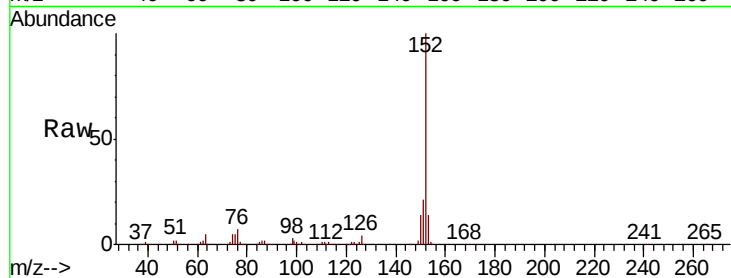
Tot Ion:152 Resp: 593766

Ion Ratio Lower Upper

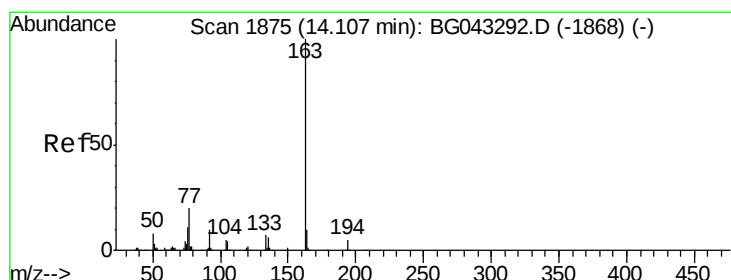
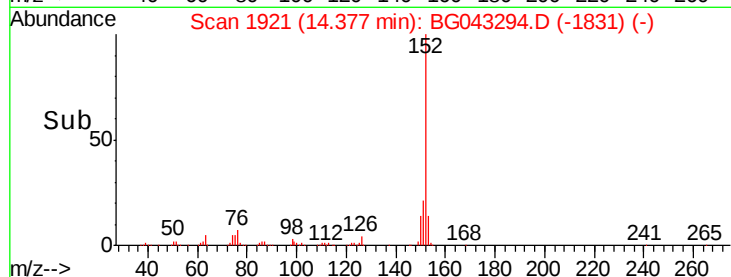
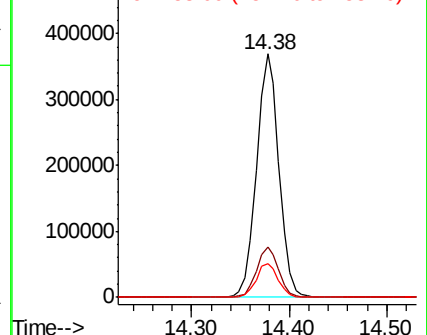
152 100

151 20.8 17.2 25.8

153 13.6 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: 62.264 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

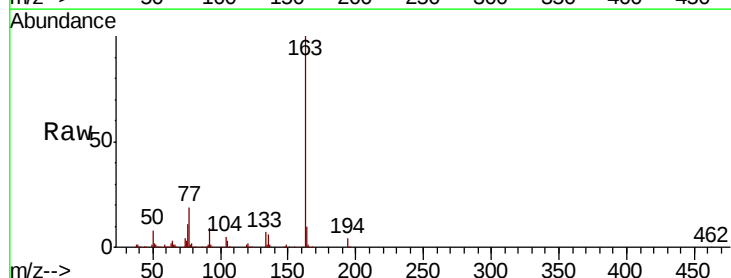
Tgt Ion:163 Resp: 516003

Ion Ratio Lower Upper

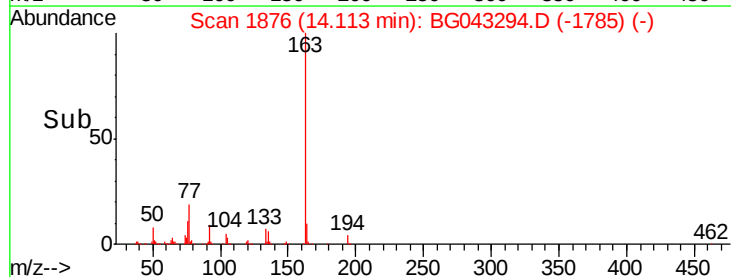
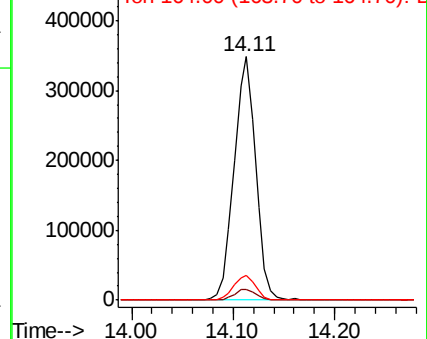
163 100

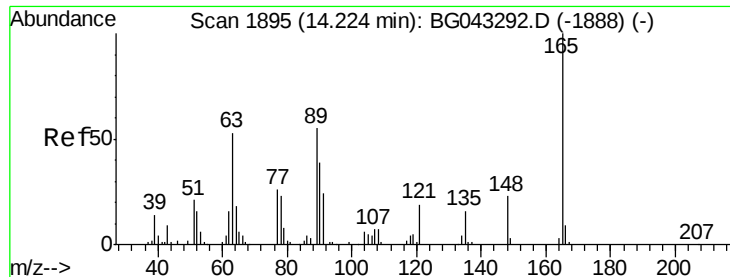
194 4.2 3.7 5.5

164 10.4 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: 62.921 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

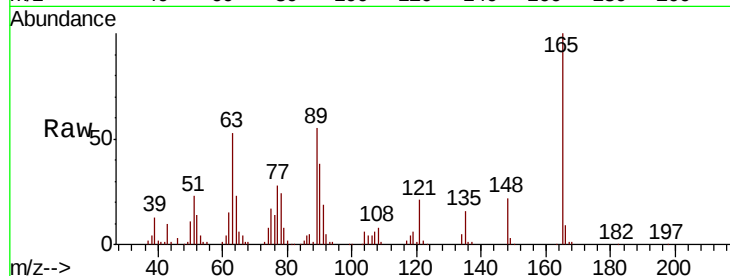
Tot Ion:165 Resp: 111047

Ion Ratio Lower Upper

165 100

63 53.0 47.1 70.7

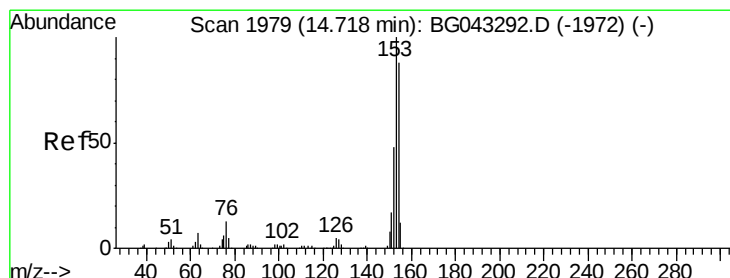
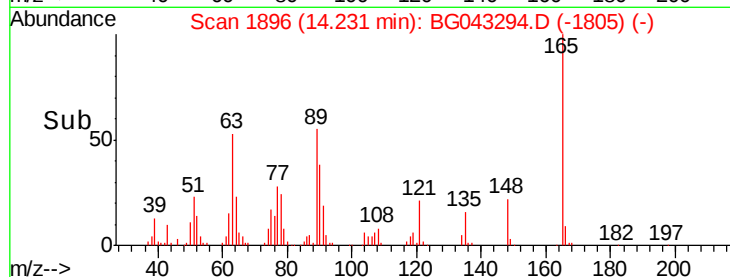
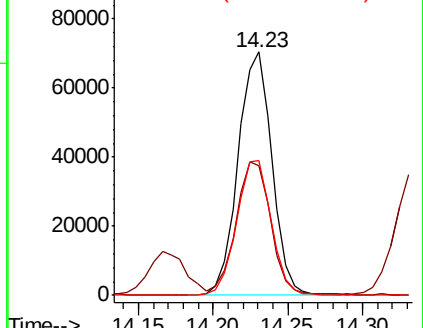
89 55.2 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 56.473 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

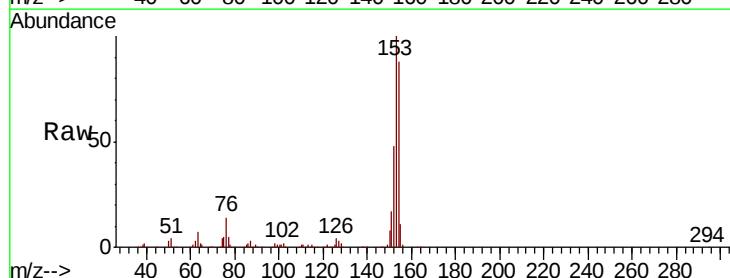
Tgt Ion:154 Resp: 363743

Ion Ratio Lower Upper

154 100

153 113.8 90.9 136.3

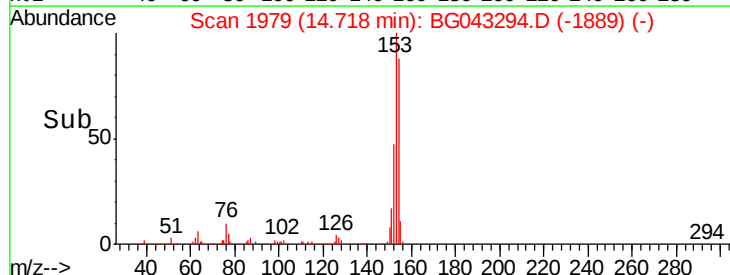
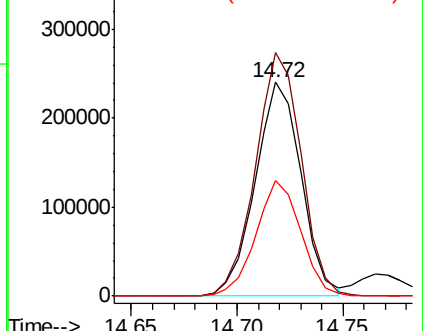
152 54.3 43.9 65.9

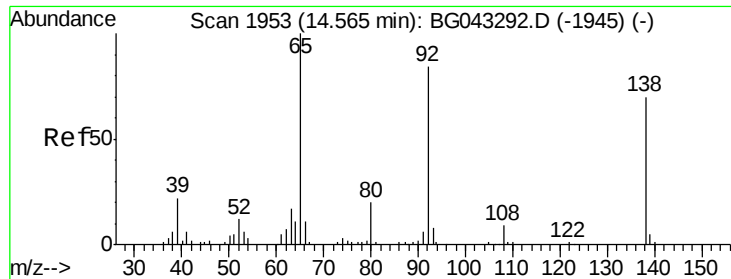


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 60.325 ng

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

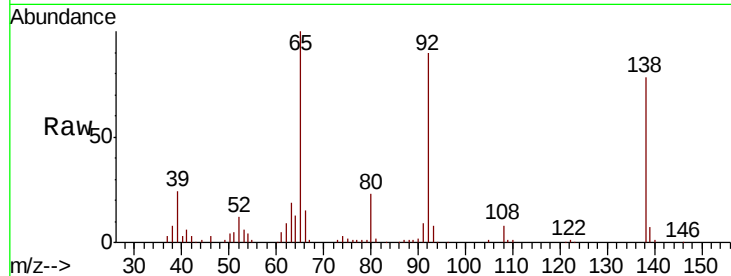
Tot Ion:138 Resp: 110026

Ion Ratio Lower Upper

138 100

108 10.7 9.8 14.6

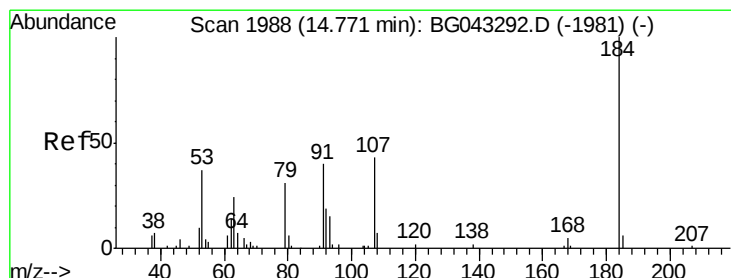
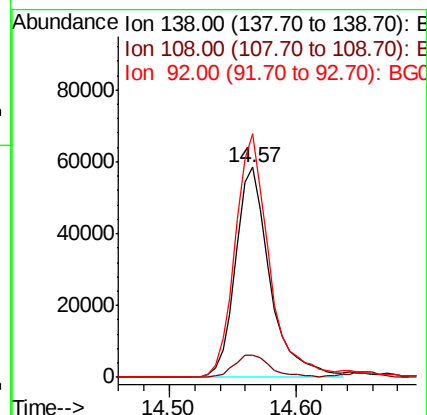
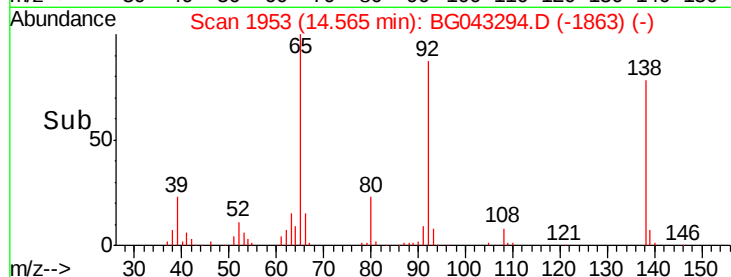
92 115.8 95.8 143.6



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: 60.651 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

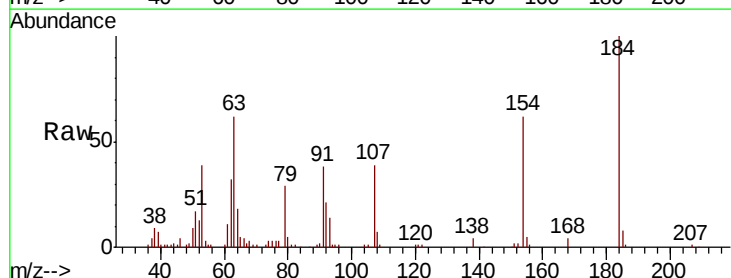
Tgt Ion:184 Resp: 66534

Ion Ratio Lower Upper

184 100

63 61.7 48.8 73.2

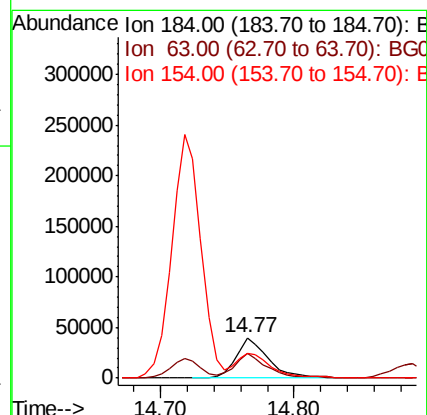
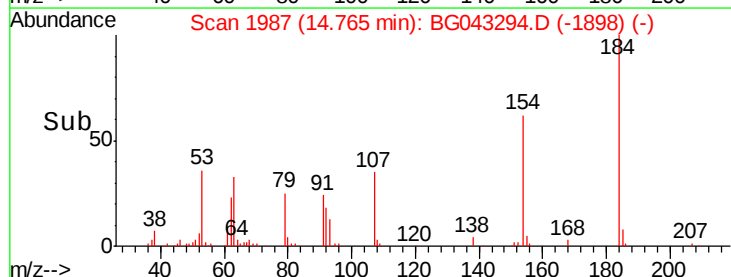
154 61.6 49.4 74.0

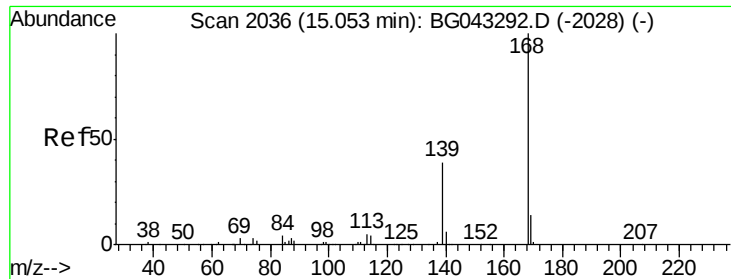


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

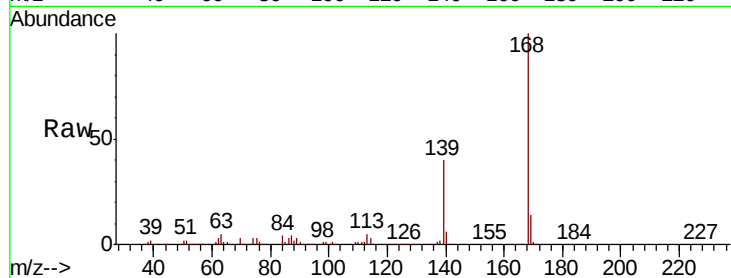




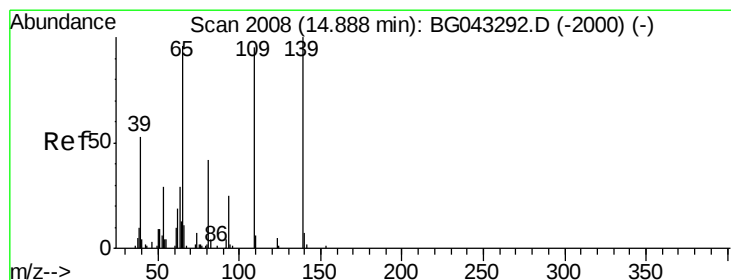
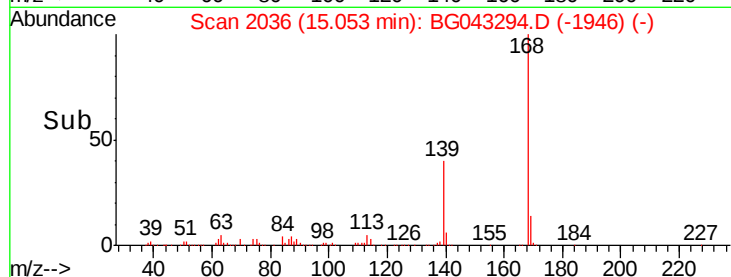
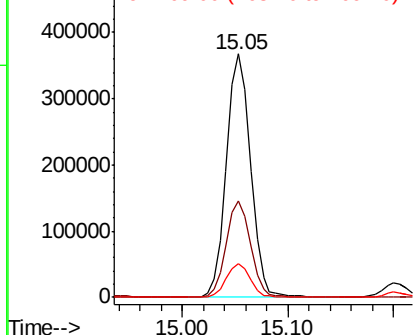
#55
Dibenzenofuran
Concen: 61.179 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:168 Resp: 582920
Ion Ratio Lower Upper
168 100
139 39.7 31.7 47.5
169 14.0 11.0 16.4

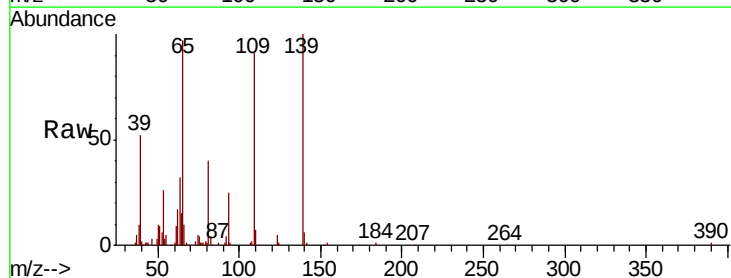


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

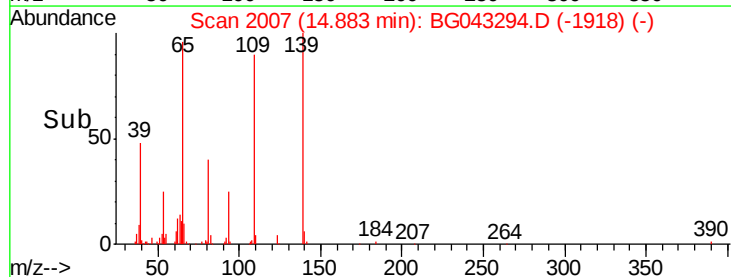
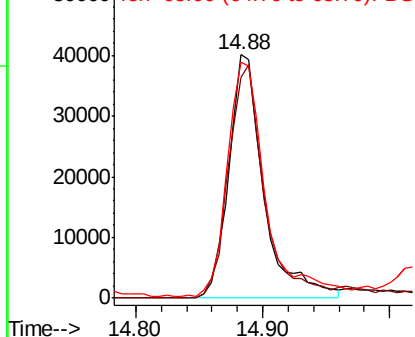


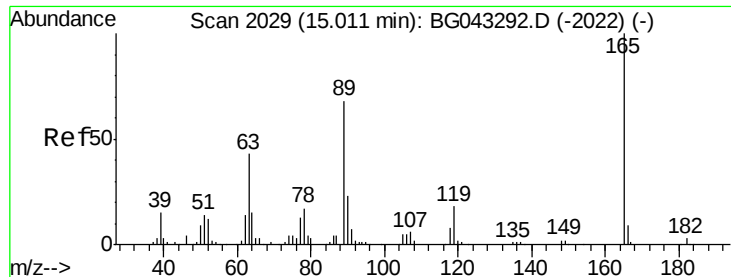
#56
4-Nitrophenol
Concen: 55.161 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion:139 Resp: 76656
Ion Ratio Lower Upper
139 100
109 90.7 75.4 115.4
65 96.8 76.6 116.6



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

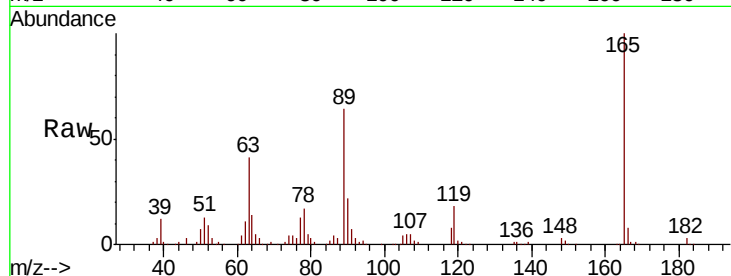




#57
2,4-Dinitrotoluene
Concen: 62.384 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	35.0	52.6
89	63.7	54.1	81.1
182	2.8	2.2	3.2



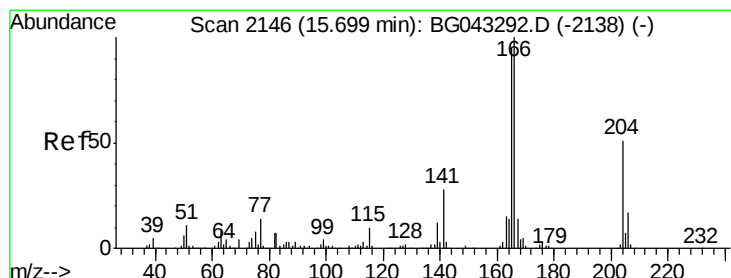
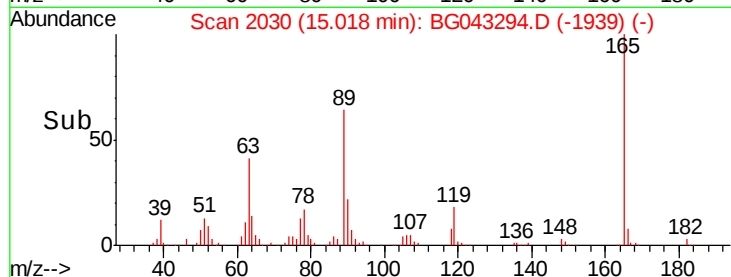
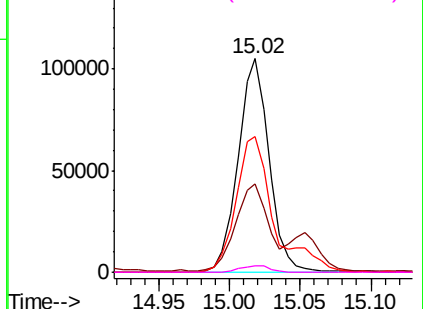
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

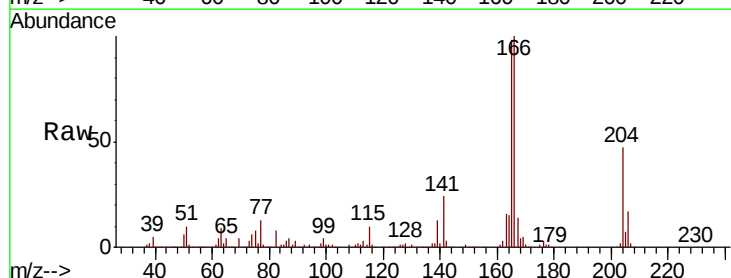
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 60.419 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.4	114.6
167	14.3	11.1	16.7

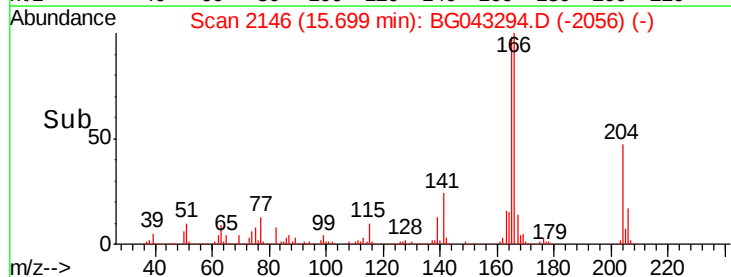
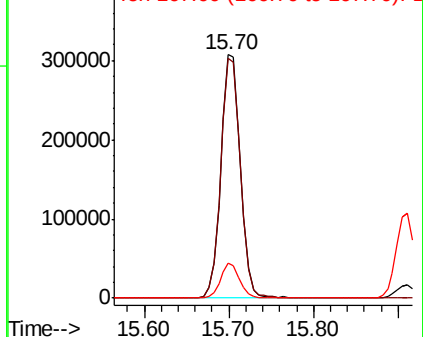


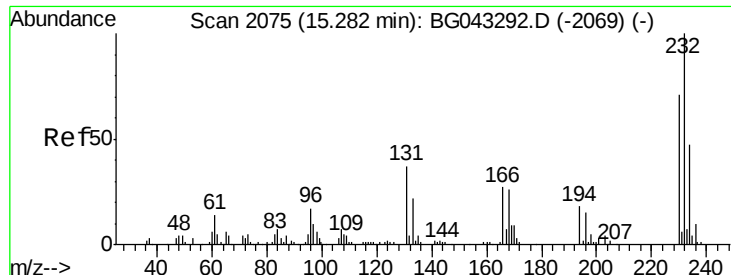
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

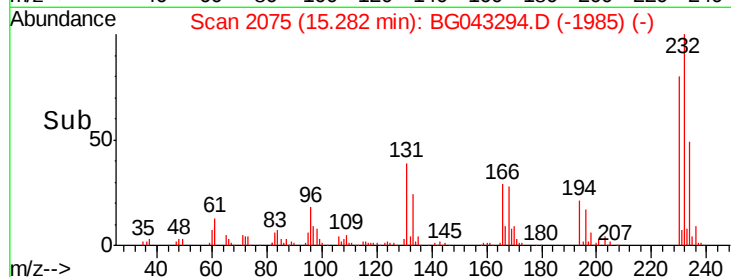
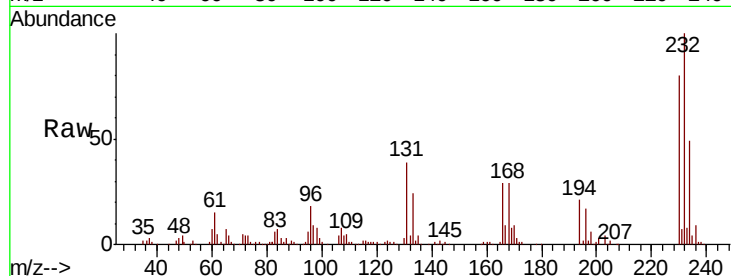




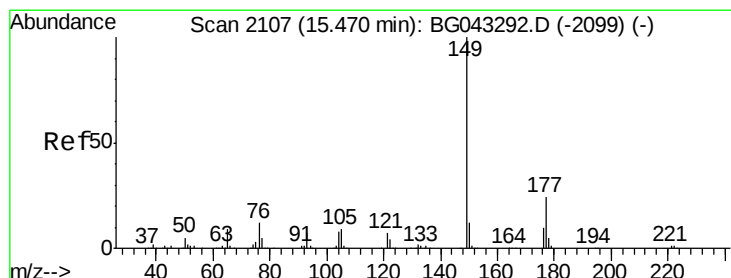
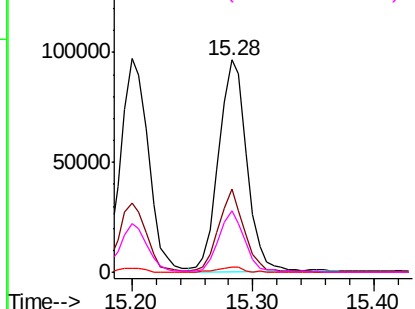
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.506 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.8	28.7	43.1
130	2.1	0.6	0.8
166	26.8	21.1	31.7

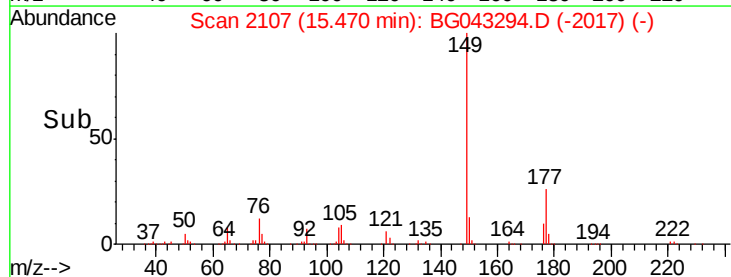
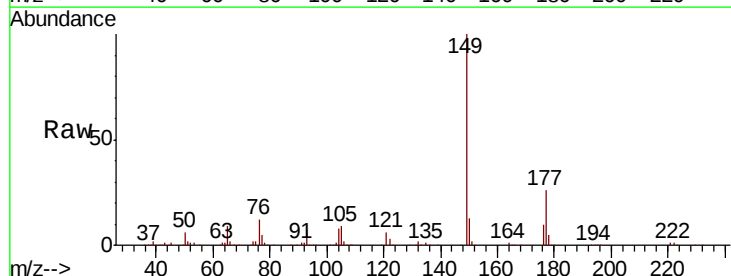


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

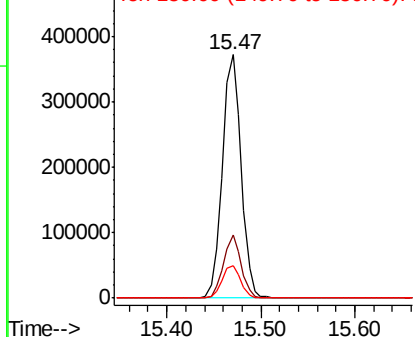


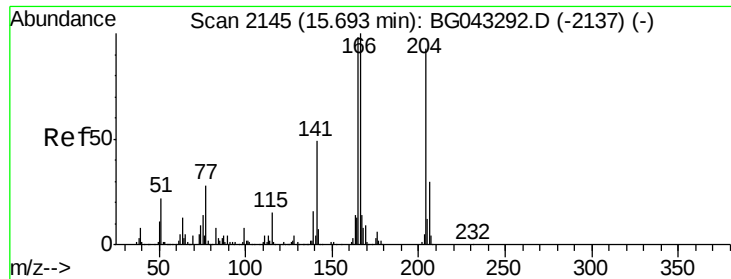
#60
 Diethylphthalate
 Concen: 61.299 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.7	19.0	28.4
150	13.2	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

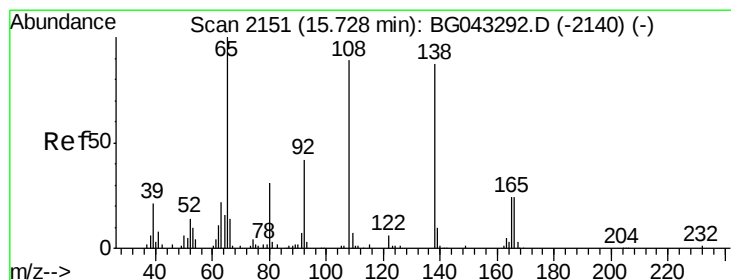
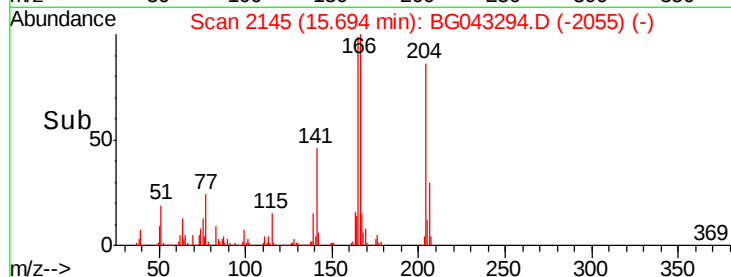
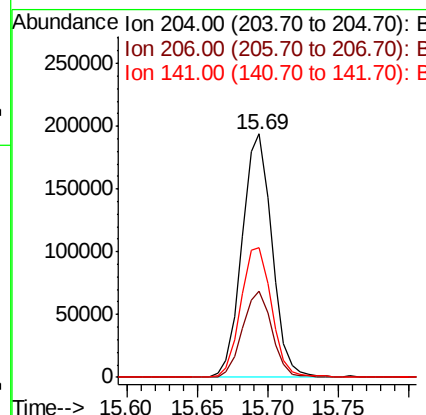
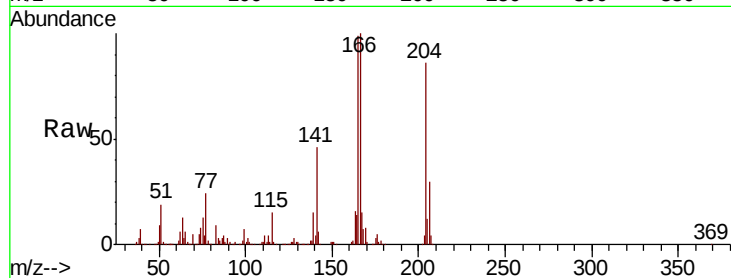




#61
 4-Chlorophenyl-phenylether
 Concen: 59.107 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

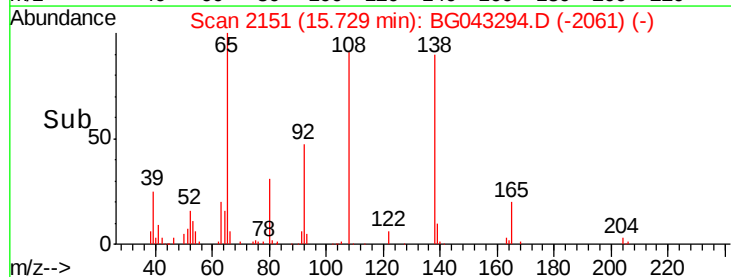
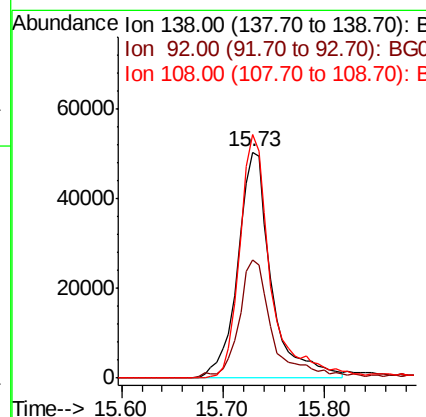
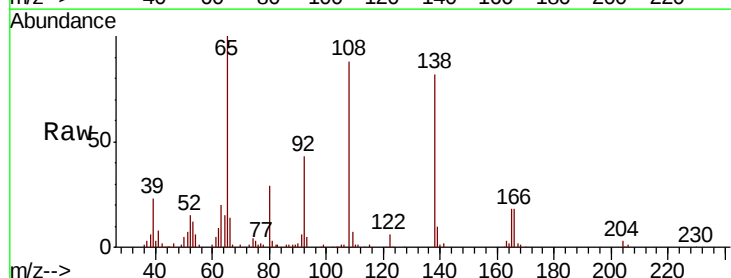
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

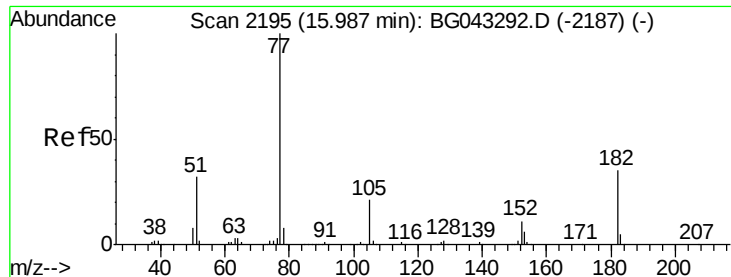
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	25.7	38.5
141	53.0	42.3	63.5



#62
 4-Nitroaniline
 Concen: 58.185 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	28.8	68.8
108	107.6	82.7	122.7





#63

Azobenzene

Concen: 54.524 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 418670

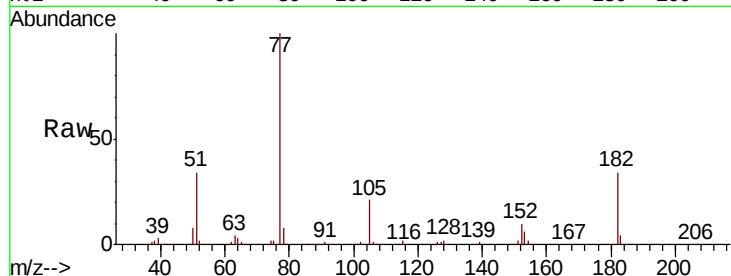
Ion Ratio Lower Upper

77 100

182 33.9 14.9 54.9

105 20.8 0.6 40.6

51 34.3 12.5 52.5

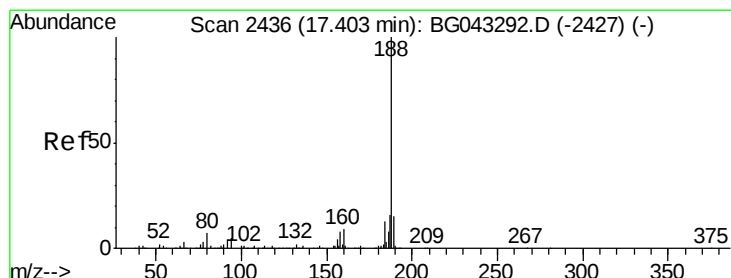
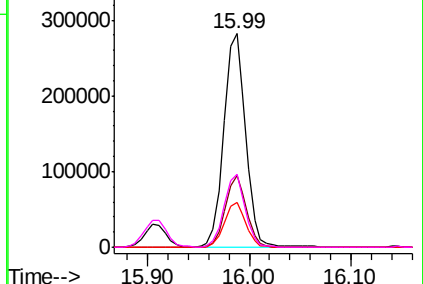
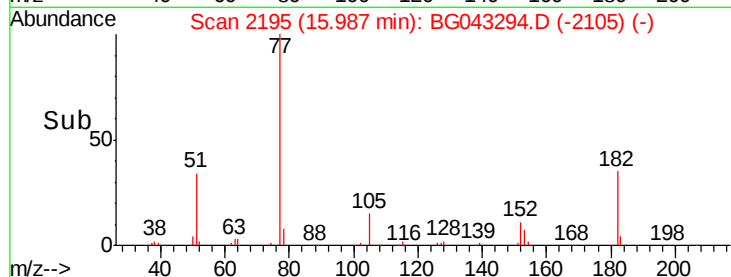


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

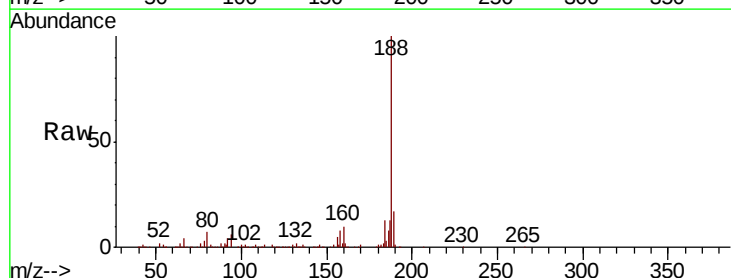
Tgt Ion: 188 Resp: 264201

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

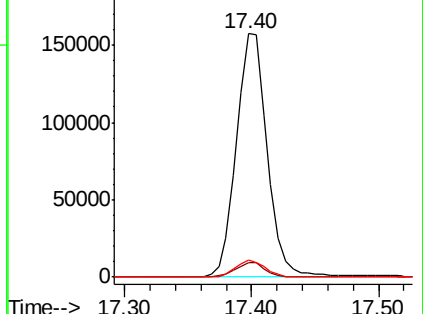
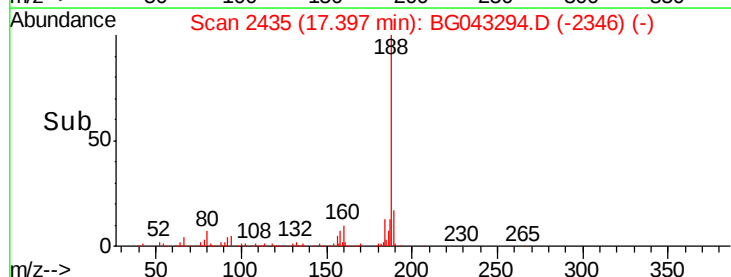
80 7.0 5.2 7.8

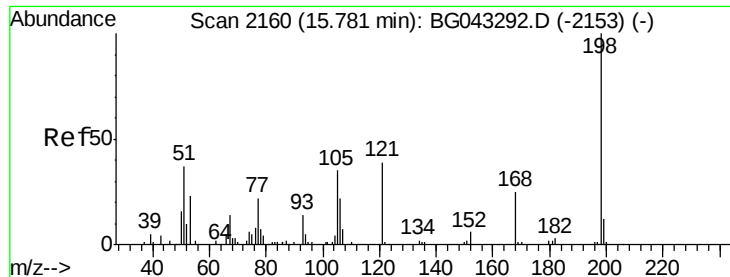


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 64.651 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

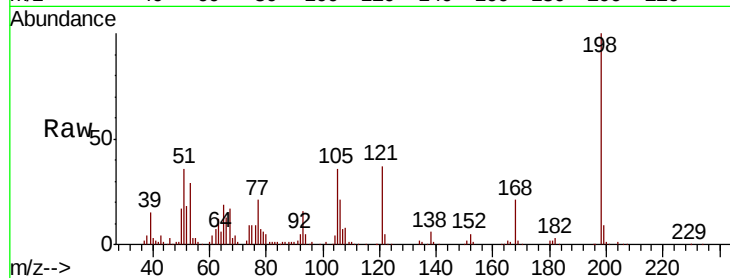
BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:198 Resp: 96654

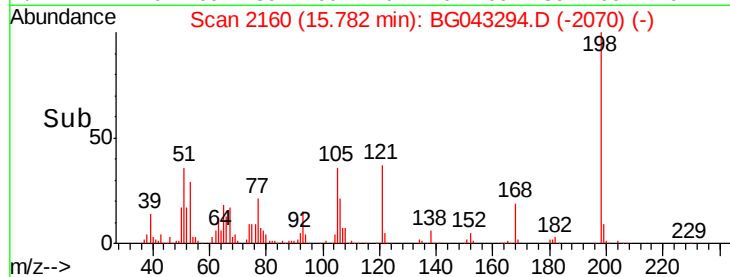
Ion	Ratio	Lower	Upper
198	100		
51	36.4	21.4	61.4
105	35.9	16.5	56.5



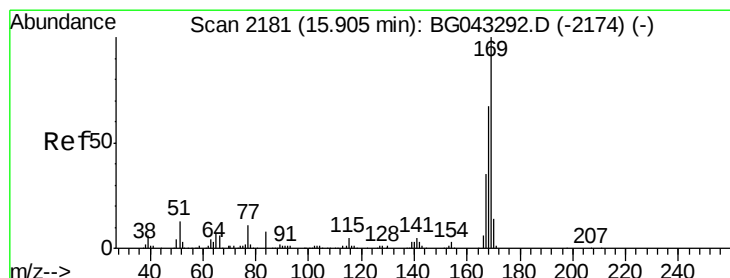
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043292.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



Time--> 15.70 15.75 15.80 15.85



#66

n-Nitrosodiphenylamine

Concen: 62.567 ng

RT: 15.91 min Scan# 2182

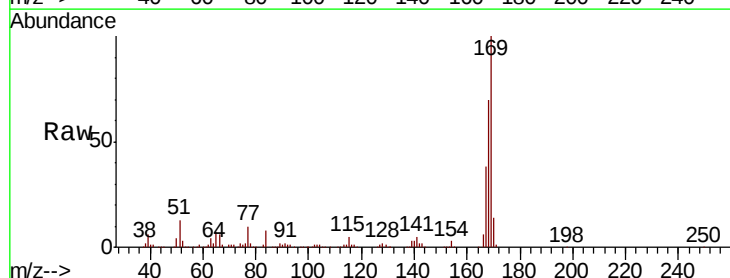
Delta R.T. 0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Tgt Ion:169 Resp: 436379

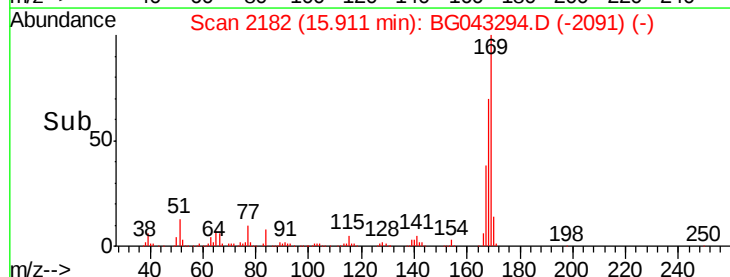
Ion	Ratio	Lower	Upper
169	100		
168	70.2	53.9	80.9
167	37.7	28.3	42.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.80 15.90 16.00



#67

4-Bromophenyl-phenylether

Concen: 62.967 ng

RT: 16.59 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

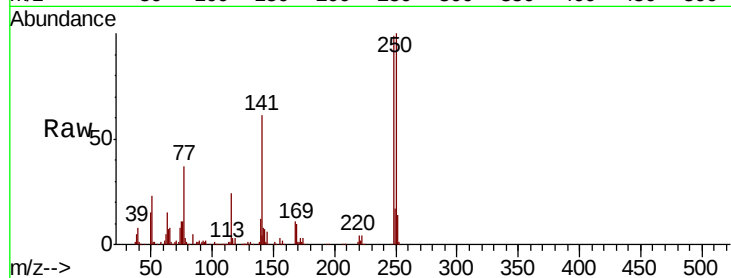
BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:248 Resp: 208796

Ion	Ratio	Lower	Upper
248	100		
250	101.3	79.3	118.9
141	62.2	47.9	71.9

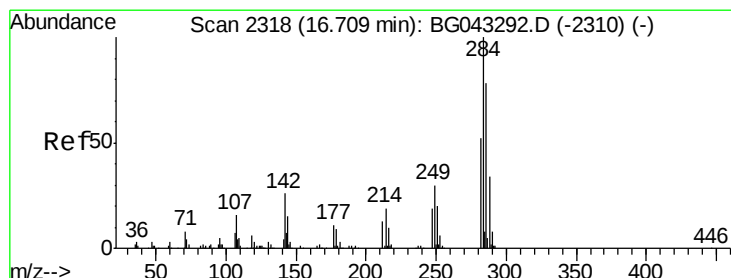
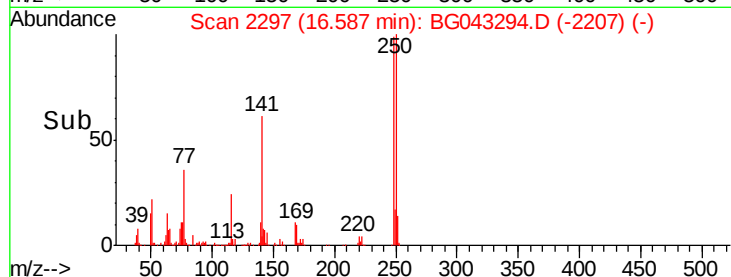
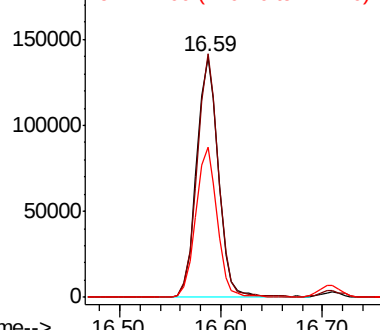


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 64.388 ng

RT: 16.71 min Scan# 2318

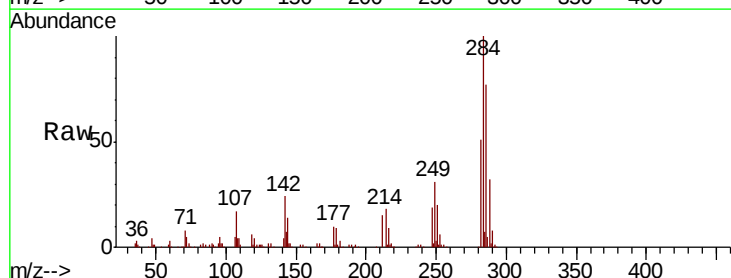
Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Tgt Ion:284 Resp: 237730

Ion	Ratio	Lower	Upper
284	100		
142	23.7	21.1	31.7
249	31.5	24.4	36.6

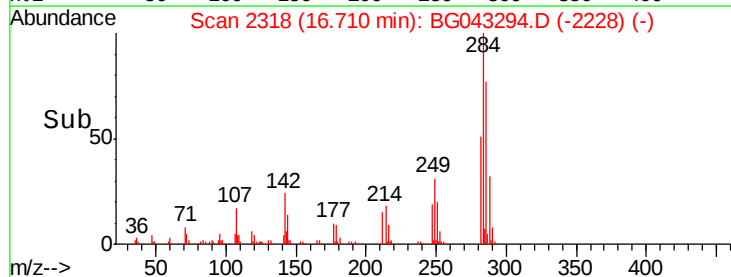
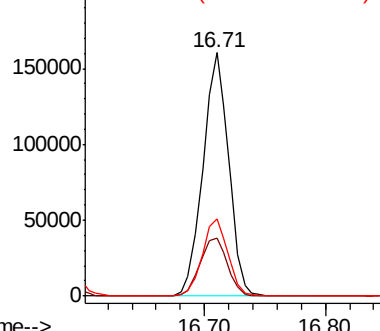


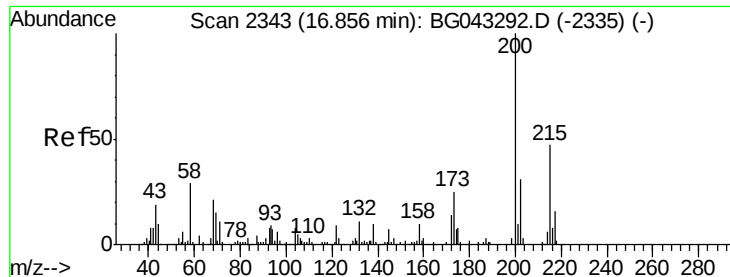
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.876 ng

RT: 16.86 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

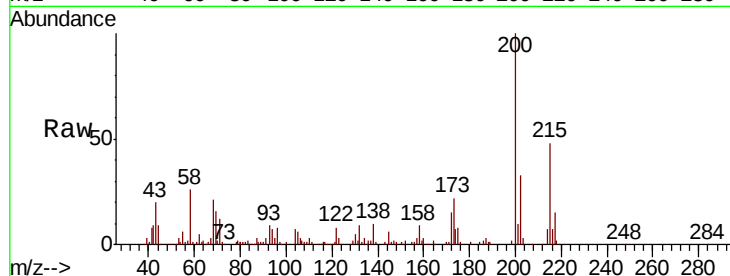
Tot Ion:200 Resp: 117113

Ion Ratio Lower Upper

200 100

173 21.9 5.1 45.1

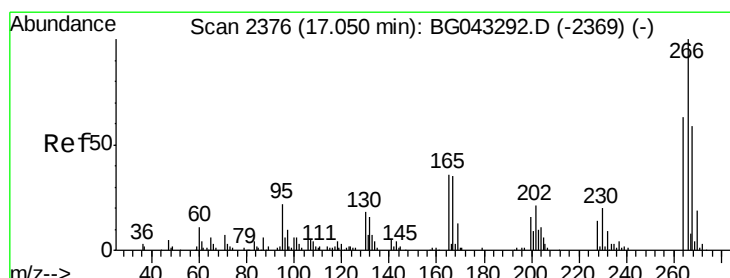
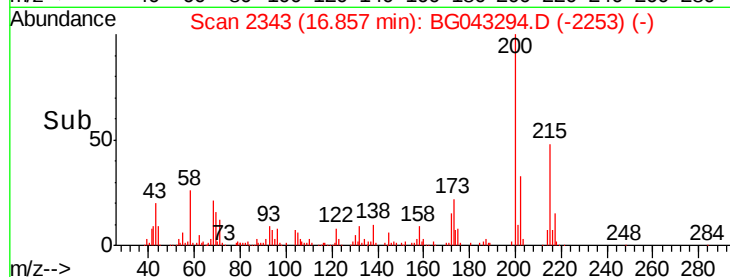
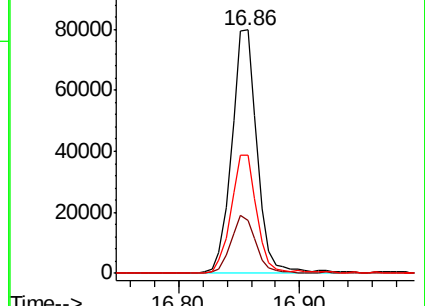
215 48.3 26.6 66.6



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: 54.464 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

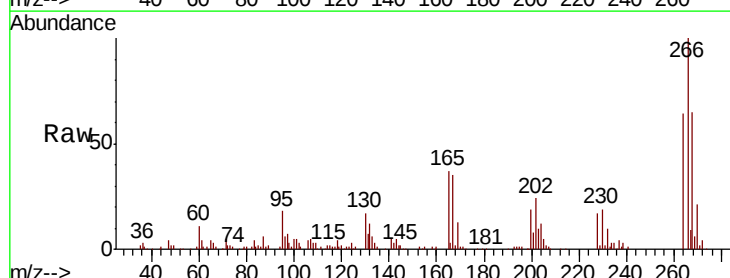
Tgt Ion:266 Resp: 116033

Ion Ratio Lower Upper

266 100

268 64.6 47.1 70.7

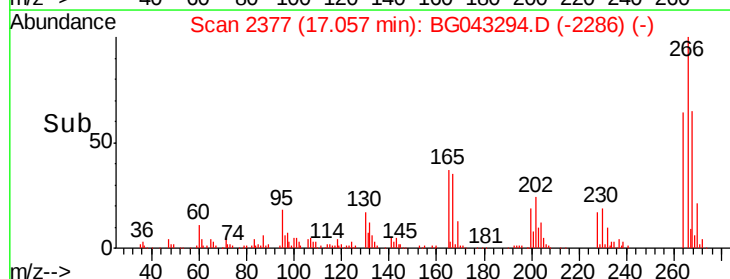
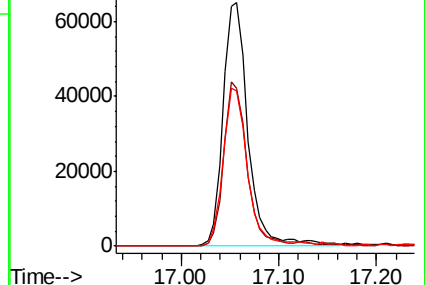
264 63.8 50.4 75.6

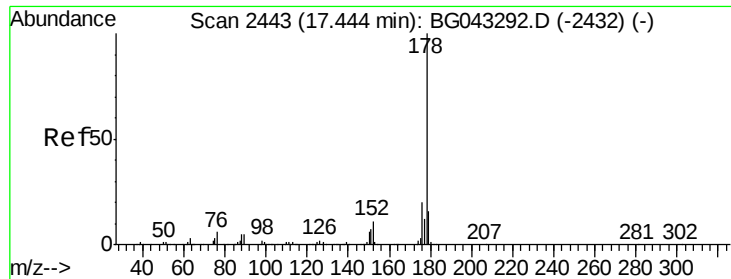


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

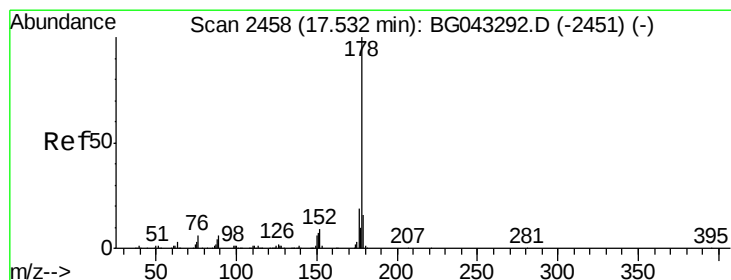
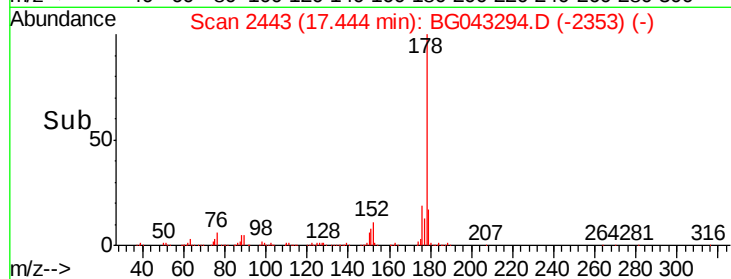
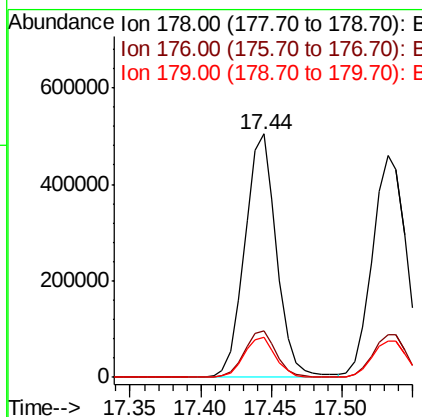
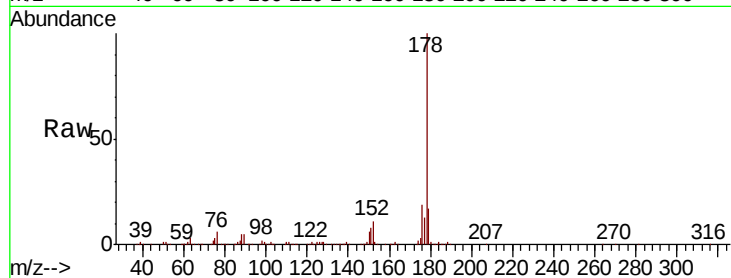




#71
Phenanthrene
Concen: 61.435 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

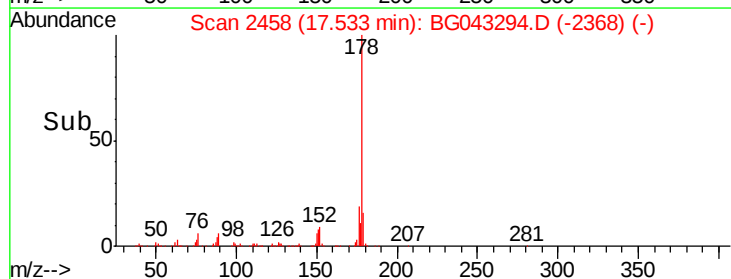
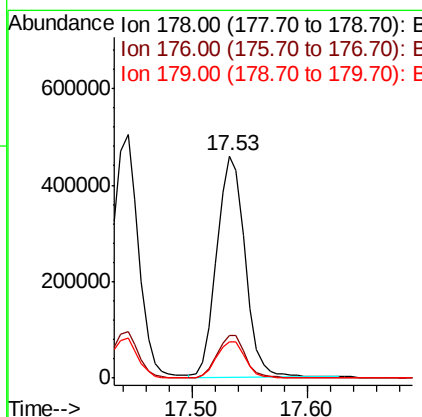
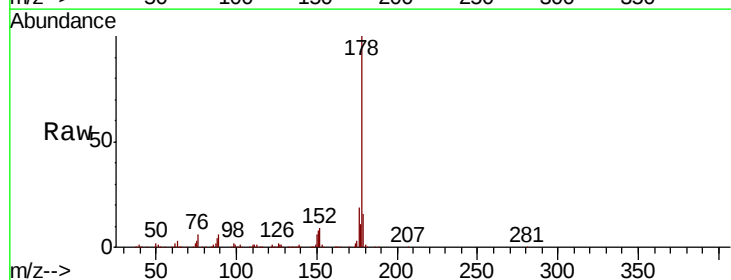
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.7	13.1	19.7



#72
Anthracene
Concen: 60.645 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.2	13.0	19.6

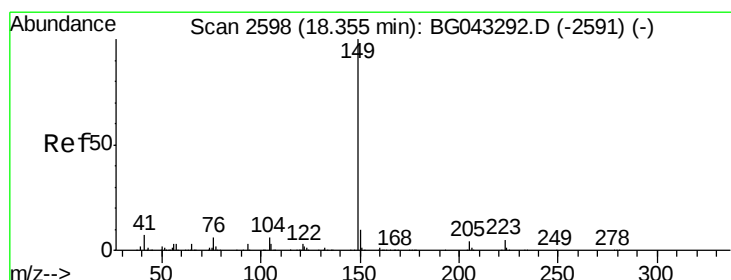
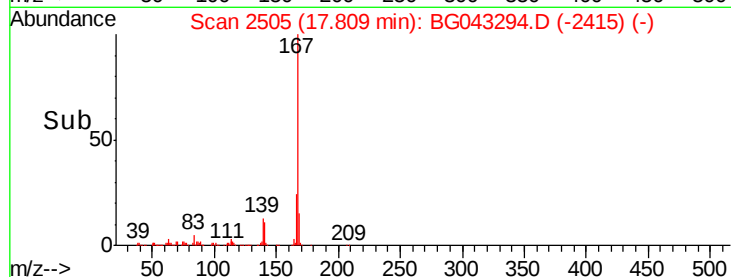
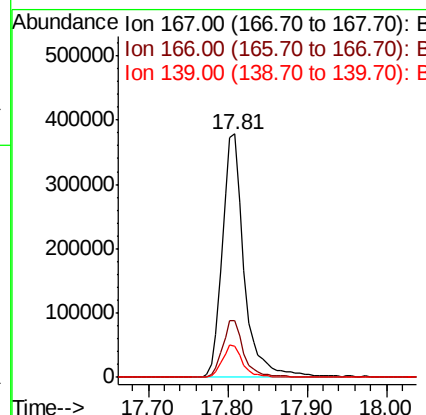
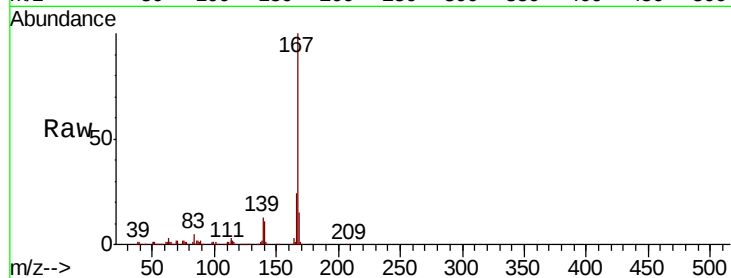




#73
 Carbazole
 Concen: 60.414 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

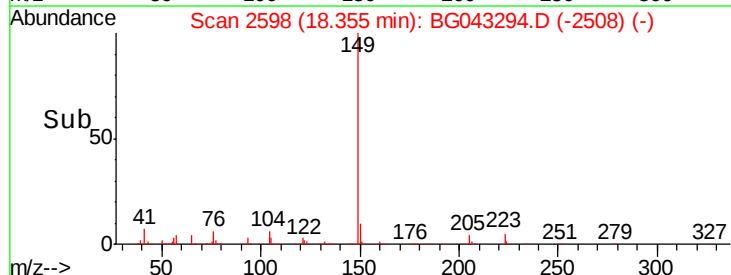
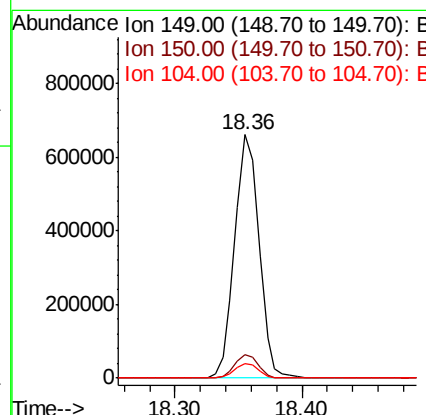
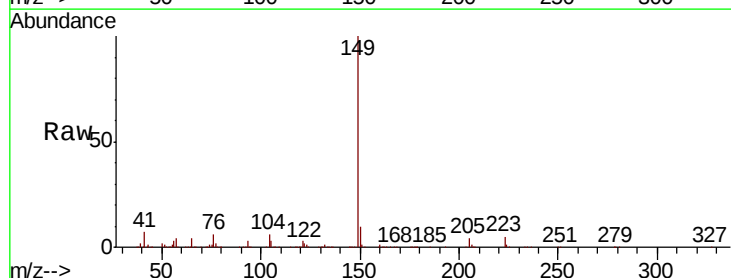
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

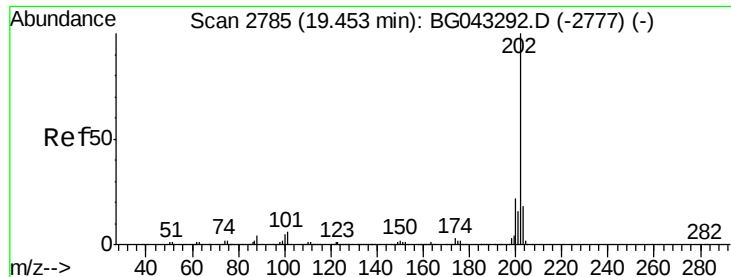
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.4	27.6
139	12.8	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 61.746 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BG043294.D
 Acq: 21 Oct 2019 12:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 60.305 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

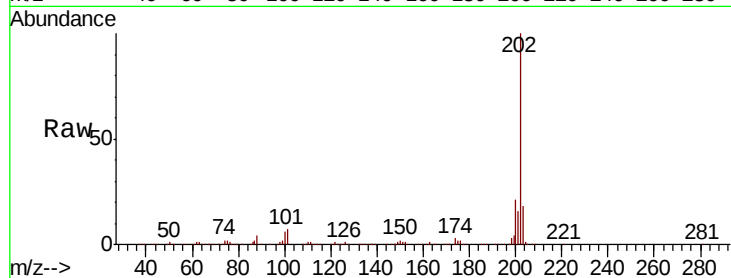
Tot Ion:202 Resp: 1028833

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.0

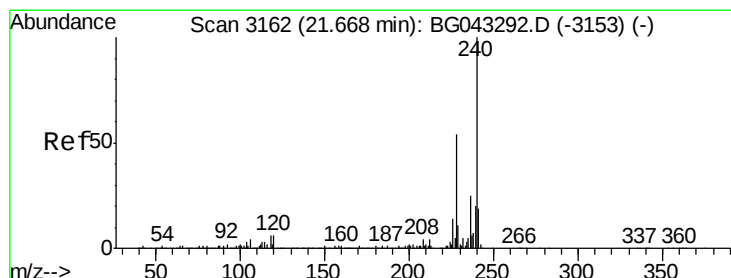
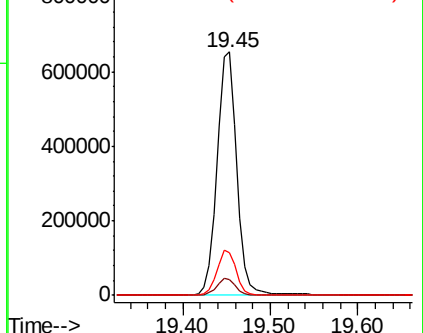
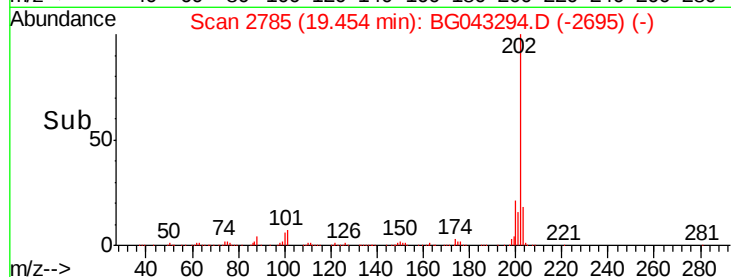
203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

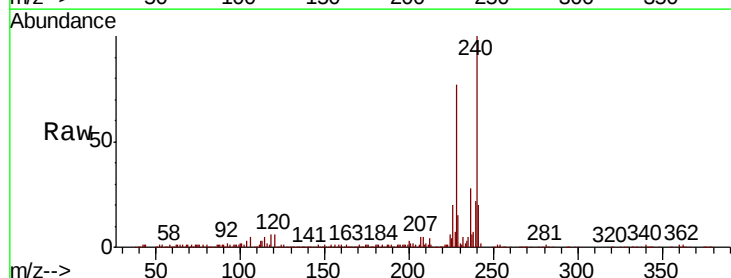
Tgt Ion:240 Resp: 289057

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

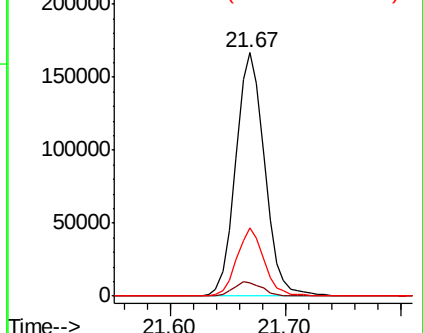
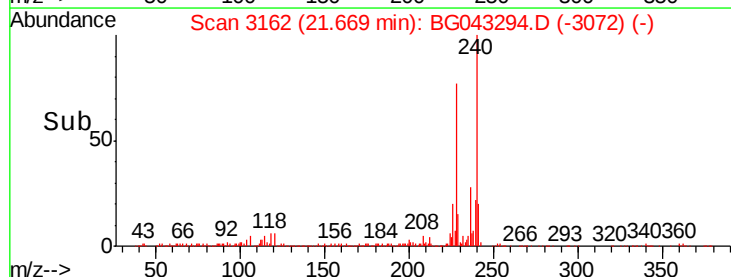
236 28.2 20.2 30.4

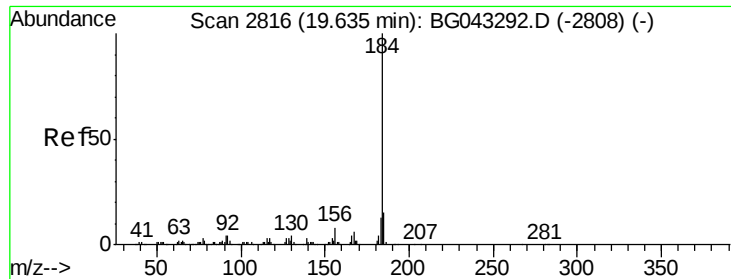


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.346 ng

RT: 19.64 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

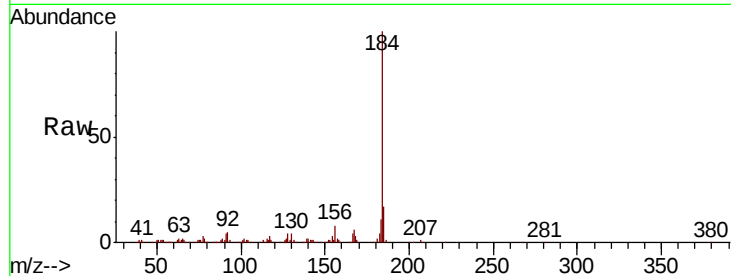
Tot Ion:184 Resp: 299253

Ion Ratio Lower Upper

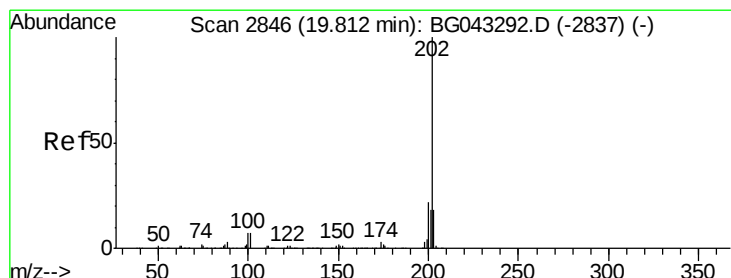
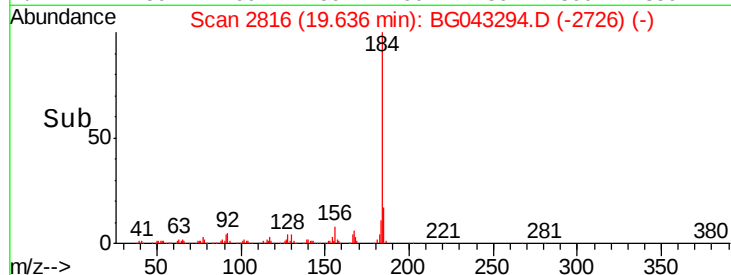
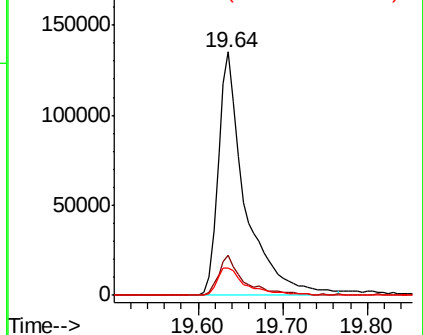
184 100

185 16.7 11.8 17.6

183 11.2 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: 60.316 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

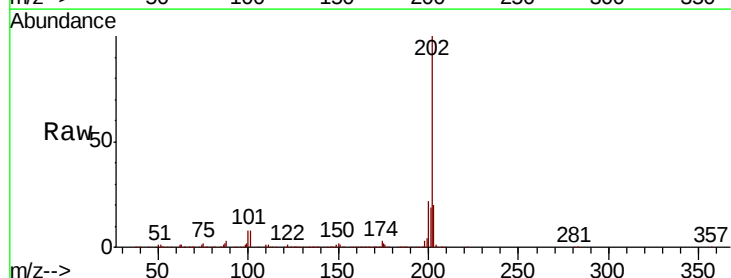
Tgt Ion:202 Resp: 1040621

Ion Ratio Lower Upper

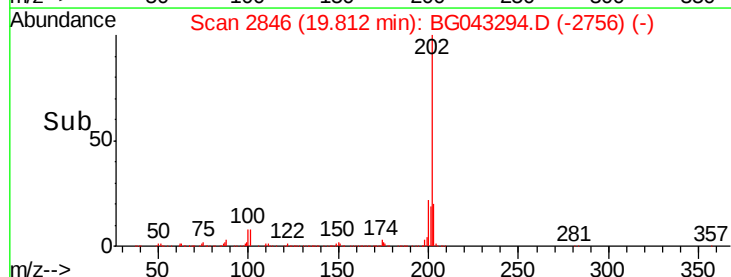
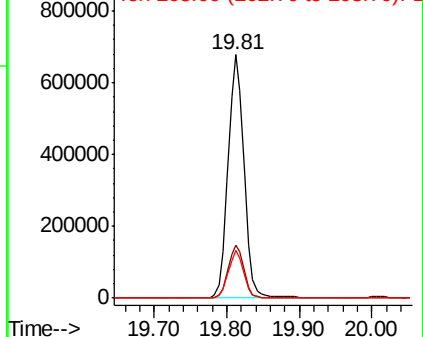
202 100

200 21.7 17.3 25.9

203 19.5 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: 130.633 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

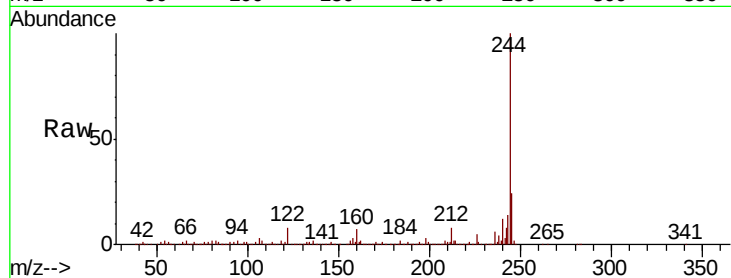
Tot Ion:244 Resp: 1772062

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

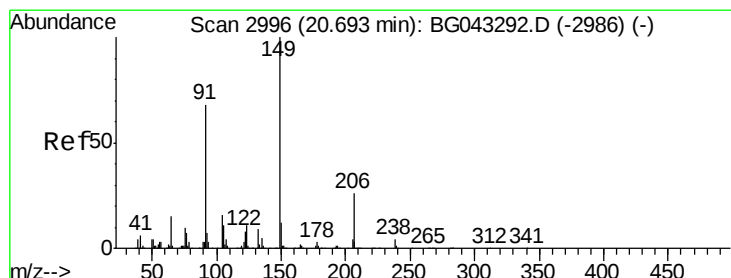
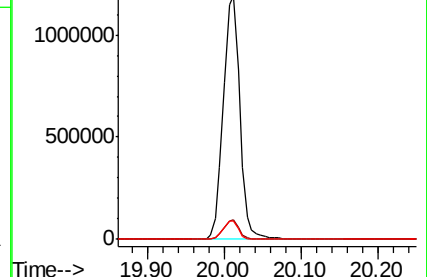
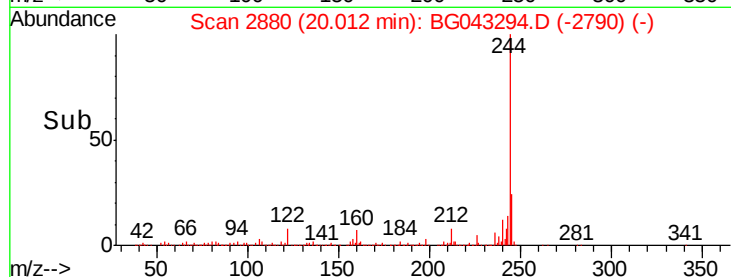
122 7.5 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 61.461 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

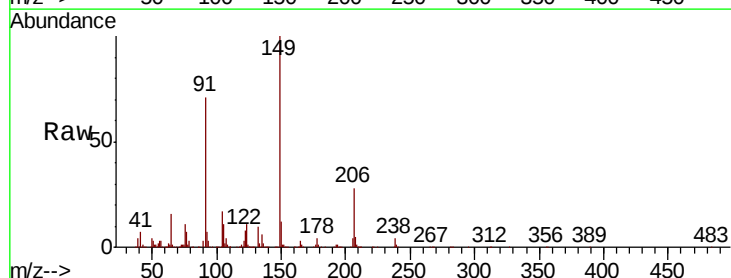
Tgt Ion:149 Resp: 402490

Ion Ratio Lower Upper

149 100

91 70.7 54.6 82.0

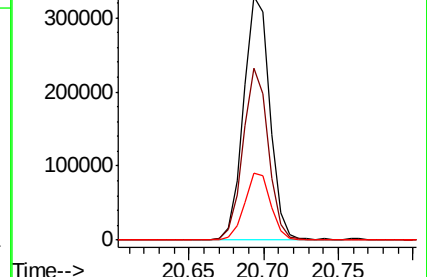
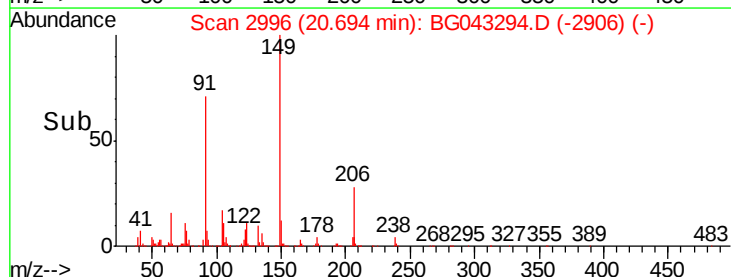
206 27.5 20.5 30.7

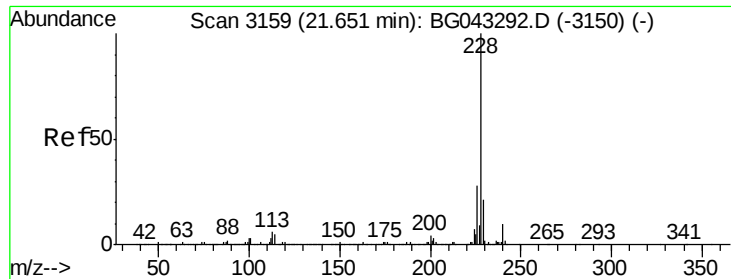


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

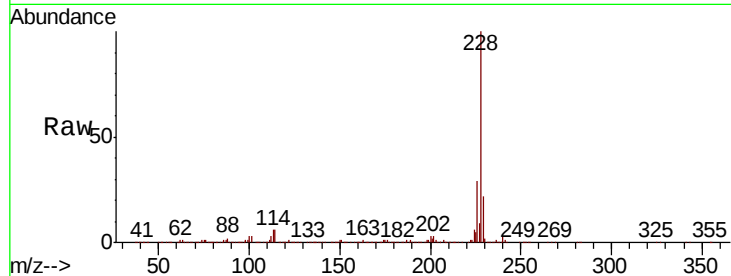




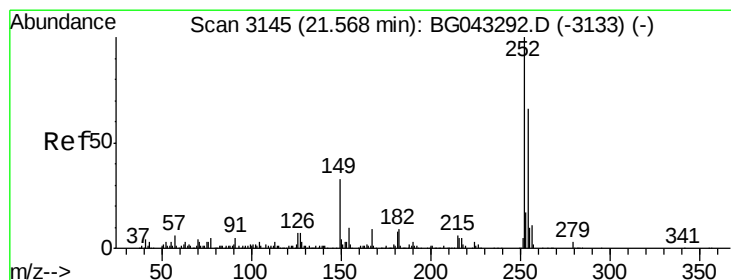
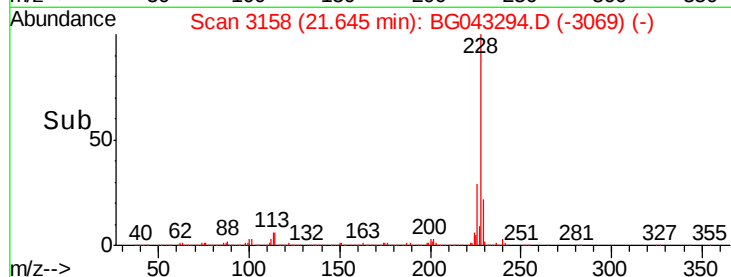
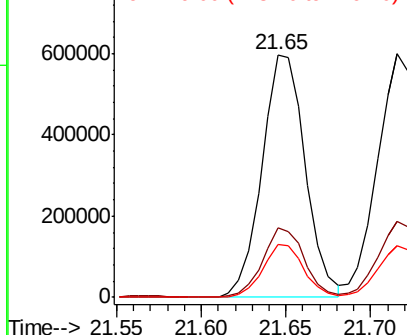
#81
Benzo(a)anthracene
Concen: 59.030 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion:228 Resp: 1063186
Ion Ratio Lower Upper
228 100
226 28.6 22.2 33.4
229 21.6 16.9 25.3

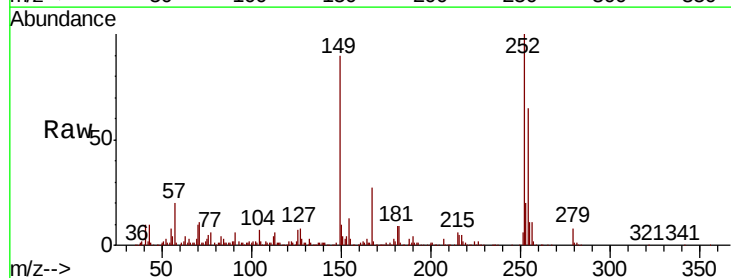


Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

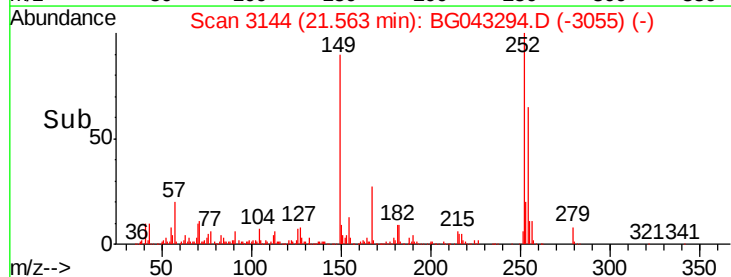
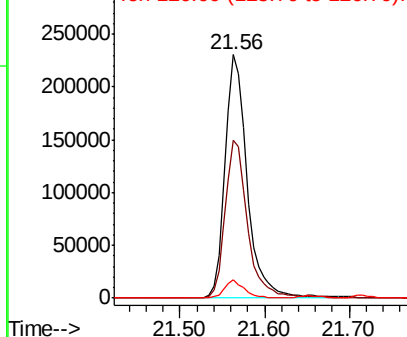


#82
3,3'-Dichlorobenzidine
Concen: 59.105 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion:252 Resp: 417520
Ion Ratio Lower Upper
252 100
254 65.1 52.7 79.1
126 7.5 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E
300000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 60.922 ng

RT: 21.72 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

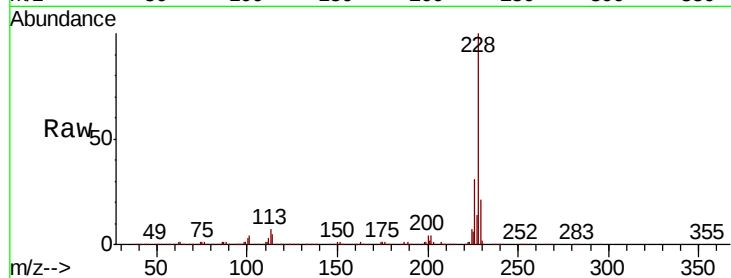
BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:228 Resp: 1064819

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.8
229	21.4	16.3	24.5

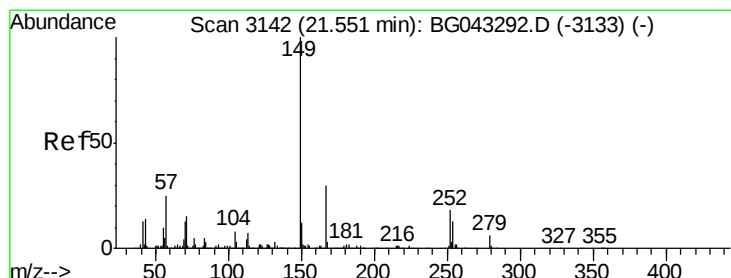
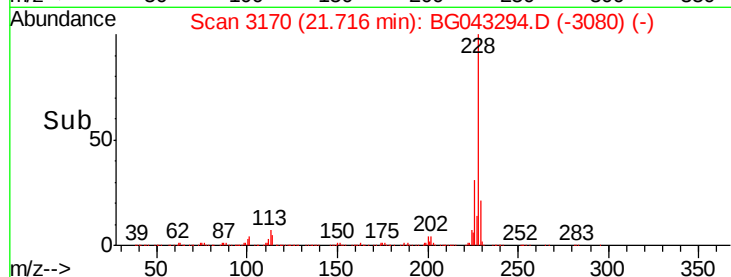
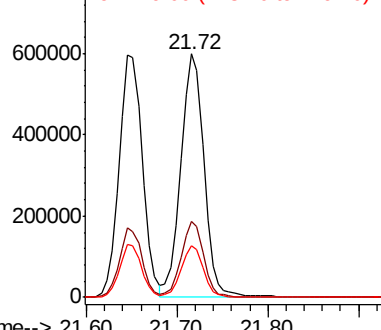


Abundance

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: 62.007 ng

RT: 21.55 min Scan# 3142

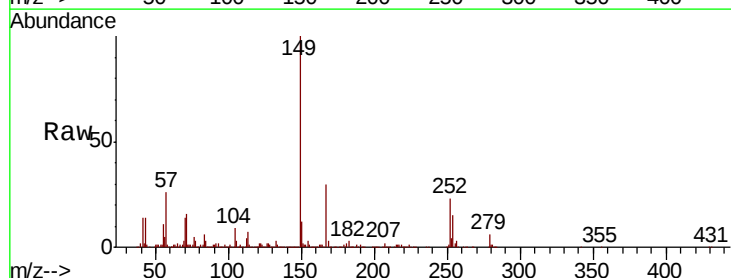
Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Tgt Ion:149 Resp: 577803

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.9	35.9
279	6.3	4.8	7.2

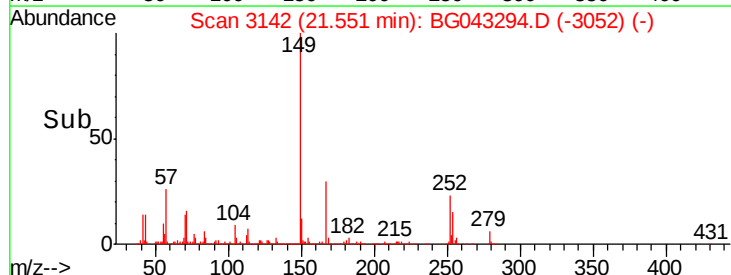
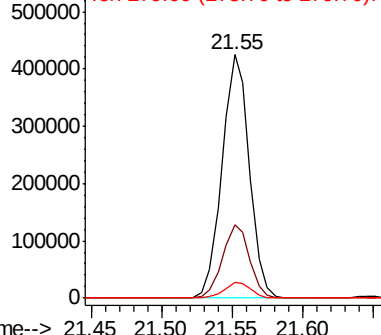


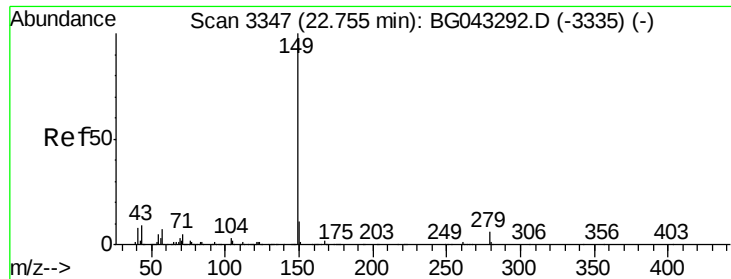
Abundance

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: 63.969 ng

RT: 22.76 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

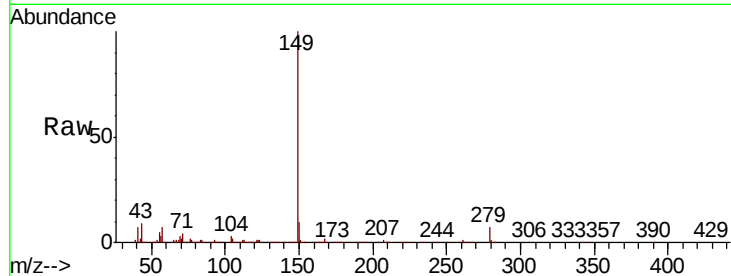
Tot Ion:149 Resp: 974738

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

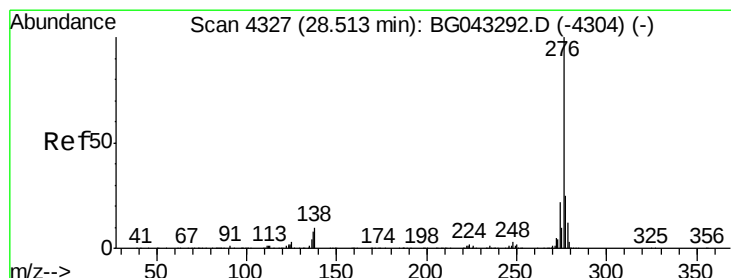
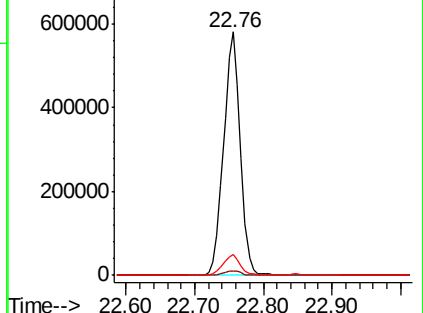
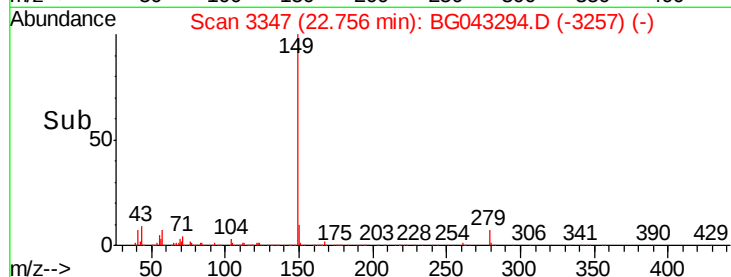
43 8.7 6.9 10.3



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: 62.784 ng

RT: 28.53 min Scan# 4330

Delta R.T. 0.02 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

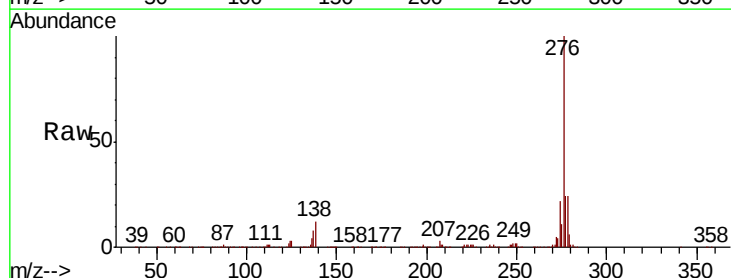
Tgt Ion:276 Resp: 1366114

Ion Ratio Lower Upper

276 100

138 8.7 7.2 10.8

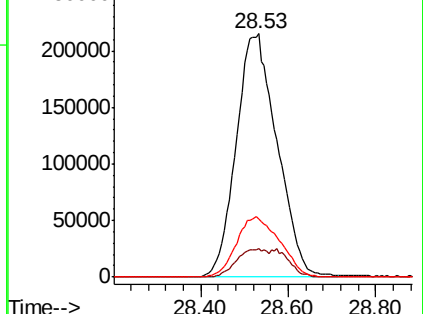
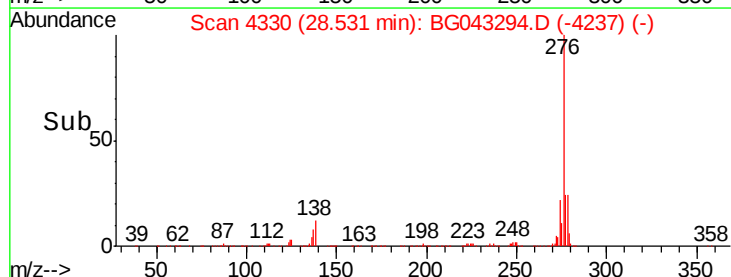
277 26.3 20.9 31.3



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: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

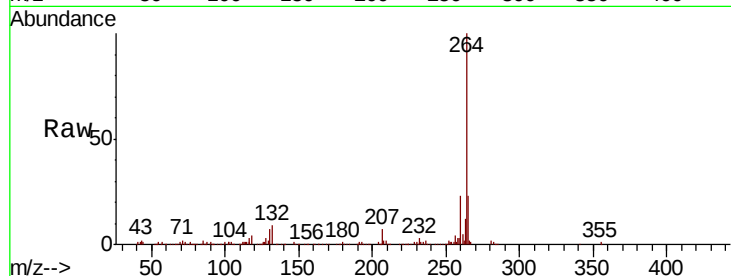
BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:264 Resp: 342168

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	23.1	17.4	26.2

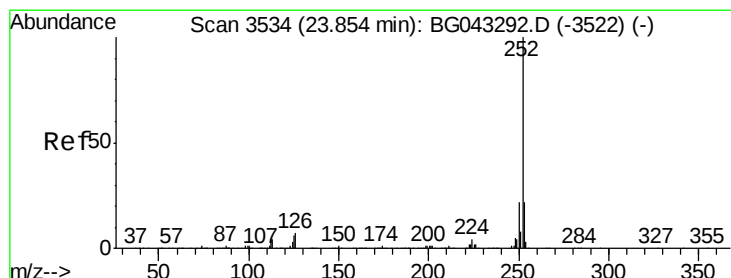
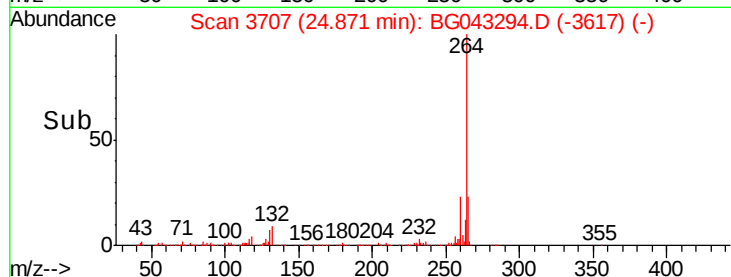
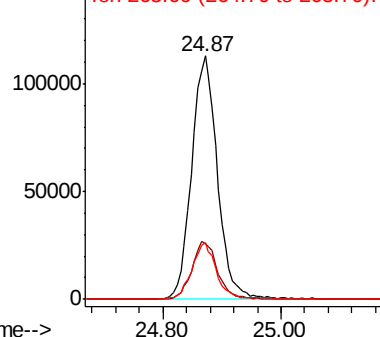


Abundance

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: 58.378 ng

RT: 23.86 min Scan# 3535

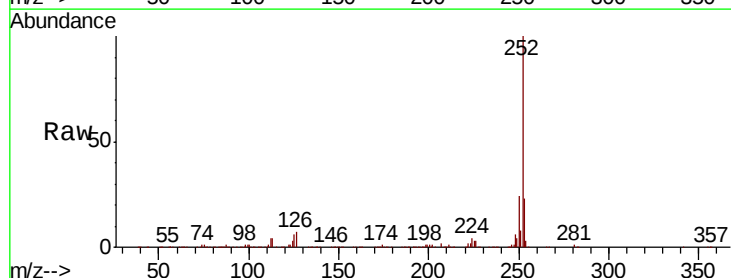
Delta R.T. 0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Tgt Ion:252 Resp: 1130250

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	5.6	5.0	7.6

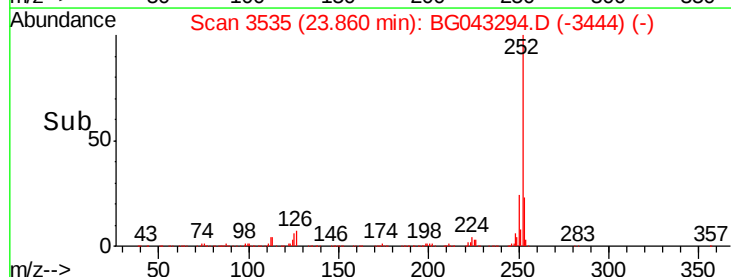
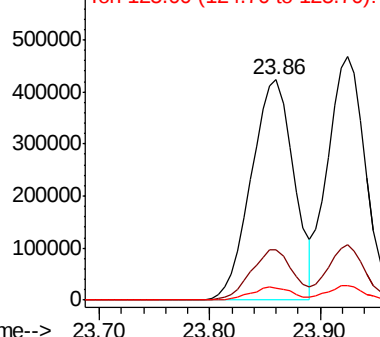


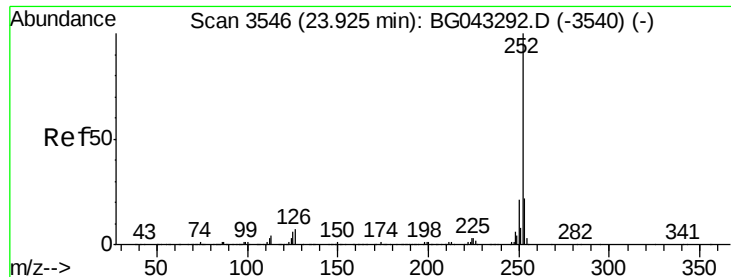
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

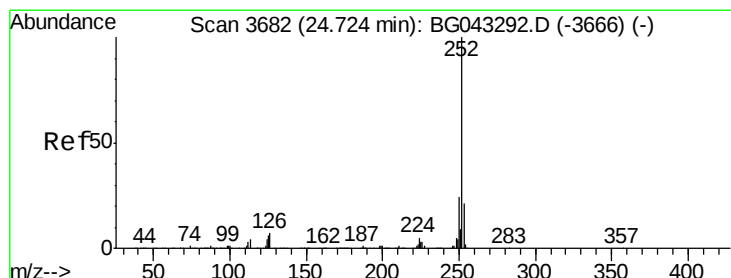
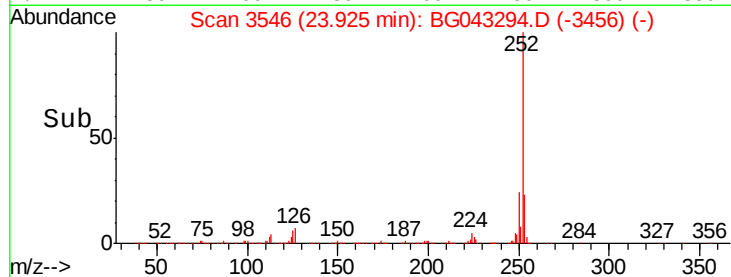
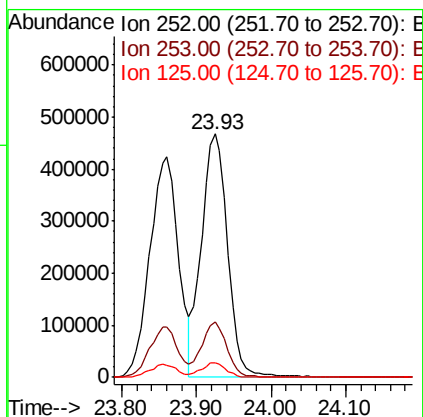
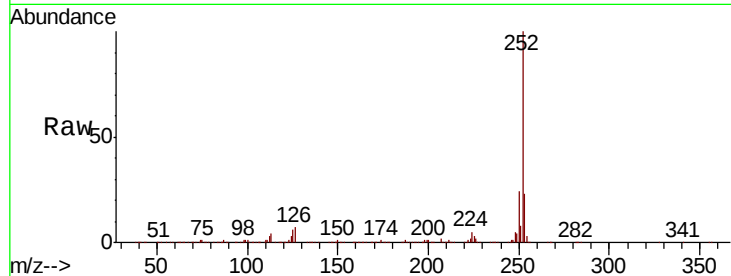




#89
Benzo(k)fluoranthene
Concen: 59.129 ng
RT: 23.93 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

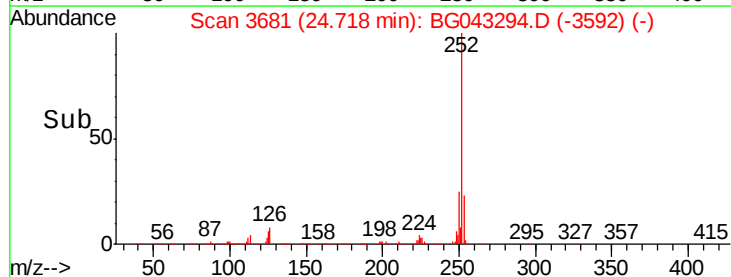
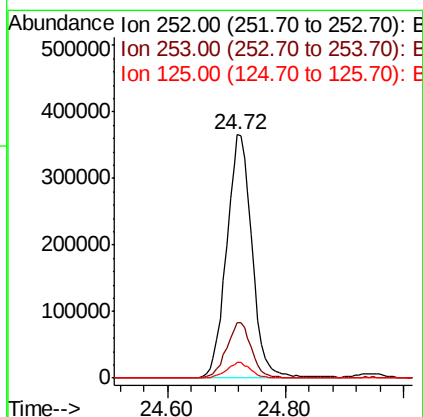
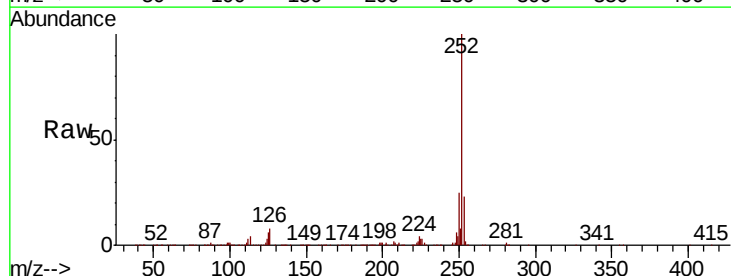
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:252 Resp: 1132497
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 6.1 4.5 6.7



#90
Benzo(a)pyrene
Concen: 59.938 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043294.D
Acq: 21 Oct 2019 12:23

Tgt Ion:252 Resp: 1094834
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 59.963 ng

RT: 28.58 min Scan# 4339

Delta R.T. 0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

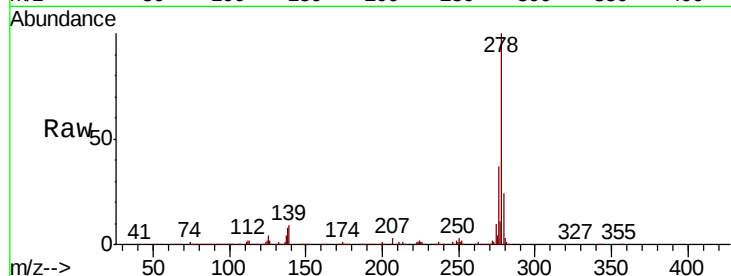
Tot Ion:278 Resp: 1123136

Ion Ratio Lower Upper

278 100

139 8.8 6.8 10.2

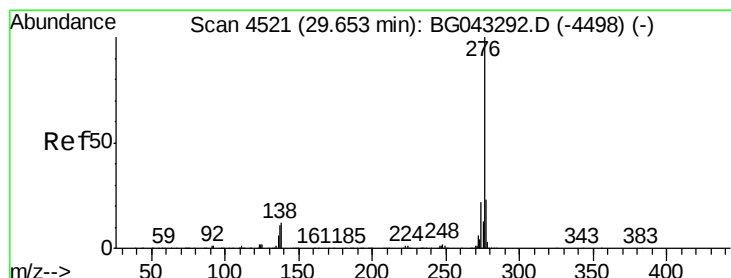
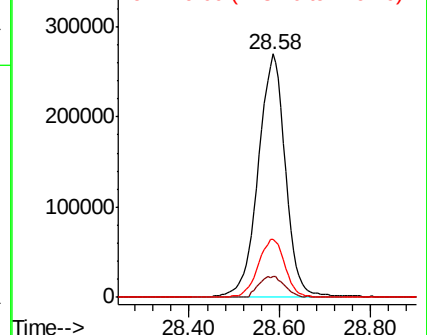
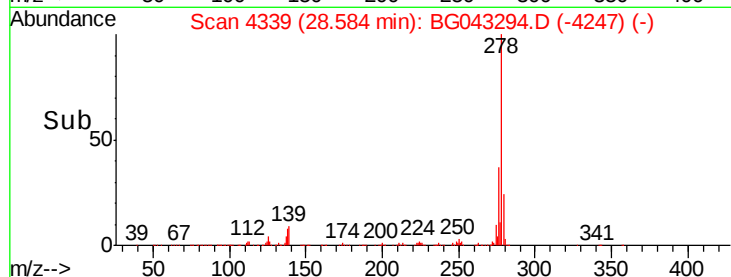
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.432 ng

RT: 29.66 min Scan# 4522

Delta R.T. 0.01 min

Lab File: BG043294.D

Acq: 21 Oct 2019 12:23

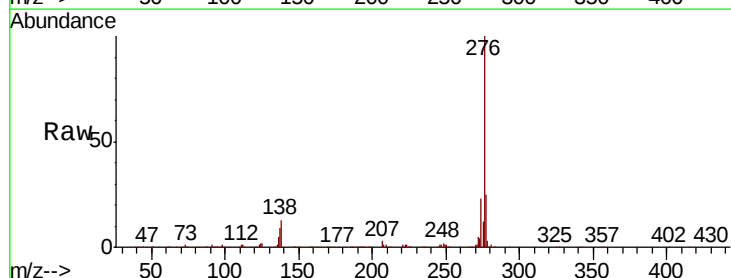
Tgt Ion:276 Resp: 1096745

Ion Ratio Lower Upper

276 100

277 25.0 18.3 27.5

138 13.3 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

