

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
 Data File : BG043297.D
 Acq On : 21 Oct 2019 16:38
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

Quant Time: Oct 21 17:17:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37186	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	146008	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	110508	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	257246	20.00	ng	0.00
76) Chrysene-d12	21.67	240	281802	20.00	ng	0.00
87) Perylene-d12	24.87	264	324016	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	168111	82.84	ng	0.00
7) Phenol-d6	7.20	99	239896	82.16	ng	0.00
23) Nitrobenzene-d5	9.19	82	236862	83.63	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	175357	83.39	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	657171	82.17	ng	0.00
79) Terphenyl-d14	20.01	244	1273412	84.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	31309	39.591	ng	95
3) Pyridine	3.89	79	89310	44.770	ng	97
4) n-Nitrosodimethylamine	3.80	42	41348	41.076	ng	# 99
6) Aniline	7.35	93	137555	40.898	ng	95
8) 2-Chlorophenol	7.59	128	91497	40.845	ng	99
9) Benzaldehyde	7.17	77	58783	40.968	ng	# 81
10) Phenol	7.22	94	109583	41.073	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	81221	39.375	ng	97
12) 1,3-Dichlorobenzene	7.92	146	112173	39.966	ng	95
13) 1,4-Dichlorobenzene	8.06	146	115572	40.699	ng	99
14) 1,2-Dichlorobenzene	8.38	146	106767	38.507	ng	95
15) Benzyl Alcohol	8.27	79	84798	41.355	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	119755	39.926	ng	96
17) 2-Methylphenol	8.48	107	78190	40.201	ng	95
18) Hexachloroethane	9.11	117	40724	39.749	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	76590	40.596	ng	94
20) 3+4-Methylphenols	8.80	107	104138	39.046	ng	91
22) Acetophenone	8.85	105	157846	42.215	ng	# 97
24) Nitrobenzene	9.23	77	109375	40.541	ng	96
25) Isophorone	9.75	82	216675	41.846	ng	98
26) 2-Nitrophenol	9.94	139	54935	42.177	ng	97
27) 2,4-Dimethylphenol	10.01	122	77428	41.476	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	117495	41.114	ng	97
29) 2,4-Dichlorophenol	10.48	162	100367	41.961	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	124291	41.228	ng	96
31) Naphthalene	10.88	128	306772	41.393	ng	98
32) Benzoic acid	10.16	122	50864	38.005	ng	91
33) 4-Chloroaniline	10.99	127	127191	41.867	ng	99
34) Hexachlorobutadiene	11.17	225	90959	40.816	ng	95
35) Caprolactam	11.77	113	36290	44.053	ng	# 87
36) 4-Chloro-3-methylphenol	12.12	107	107667	41.266	ng	96
37) 2-Methylnaphthalene	12.49	142	237870	41.830	ng	98
38) 1-Methylnaphthalene	12.71	142	223879	41.378	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167810	41.032	ng	98

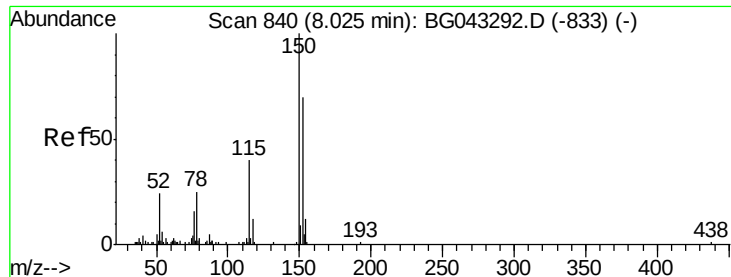
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
 Data File : BG043297.D
 Acq On : 21 Oct 2019 16:38
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

Quant Time: Oct 21 17:17:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	84972	39.552	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	98203	40.774	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	103590	42.543	nq	99
46) 1,1'-Biphenyl	13.49	154	345690	41.120	nq	99
47) 2-Chloronaphthalene	13.53	162	260799	40.772	nq	100
48) 2-Nitroaniline	13.74	65	79558	41.614	nq	96
49) Acenaphthylene	14.38	152	414183	41.604	nq	97
50) Dimethylphthalate	14.11	163	355716	41.557	nq	99
51) 2,6-Dinitrotoluene	14.23	165	76264	41.012	nq	99
52) Acenaphthene	14.72	154	249715	41.132	nq	98
53) 3-Nitroaniline	14.56	138	76545	42.635	nq	93
54) 2,4-Dinitrophenol	14.77	184	42185	40.304	nq	91
55) Dibenzofuran	15.06	168	397677	40.393	nq	99
56) 4-Nitrophenol	14.89	139	49567	41.198	nq	91
57) 2,4-Dinitrotoluene	15.01	165	108375	40.780	nq	99
58) Fluorene	15.70	166	335178	40.591	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107981	41.740	nq	# 100
60) Diethylphthalate	15.47	149	352291	40.961	nq	96
61) 4-Chlorophenyl-phenylether	15.69	204	197962	41.096	nq	94
62) 4-Nitroaniline	15.73	138	79999	43.146	nq	94
63) Azobenzene	15.98	77	289618	41.608	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	64773	42.786	nq	94
66) n-Nitrosodiphenylamine	15.91	169	295283	40.657	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	141370	40.835	nq	99
68) Hexachlorobenzene	16.71	284	160621	40.419	nq	98
69) Atrazine	16.85	200	101019	40.029	nq	94
70) Pentachlorophenol	17.06	266	76842	42.437	nq	99
71) Phenanthrene	17.44	178	543635	41.269	nq	99
72) Anthracene	17.54	178	540267	40.992	nq	99
73) Carbazole	17.81	167	498982	41.807	nq	99
74) Di-n-butylphthalate	18.36	149	603351	41.663	nq	100
75) Fluoranthene	19.45	202	715610	41.670	nq	99
77) Benzidine	19.64	184	212826	37.526	nq	100
78) Pyrene	19.82	202	733678	42.061	nq	99
80) Butylbenzylphthalate	20.70	149	273387	41.369	nq	98
81) Benzo(a)anthracene	21.65	228	737523	41.782	nq	100
82) 3,3'-Dichlorobenzidine	21.57	252	285119	41.761	nq	100
83) Chrysene	21.72	228	731015	41.681	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	387678	41.297	nq	100
85) Di-n-octyl phthalate	22.76	149	656177	41.200	nq	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	909300	41.303	nq	99
88) Benzo(b)fluoranthene	23.86	252	778594	42.427	nq	97
89) Benzo(k)fluoranthene	23.93	252	770390	41.701	nq	98
90) Benzo(a)pyrene	24.73	252	731584	41.747	nq	99
91) Dibenzo(a,h)anthracene	28.59	278	746182	41.629	nq	99
92) Benzo(g,h,i)perylene	29.66	276	736043	41.629	nq	100

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

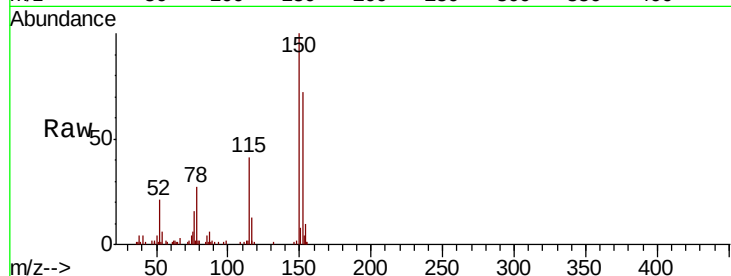


#1

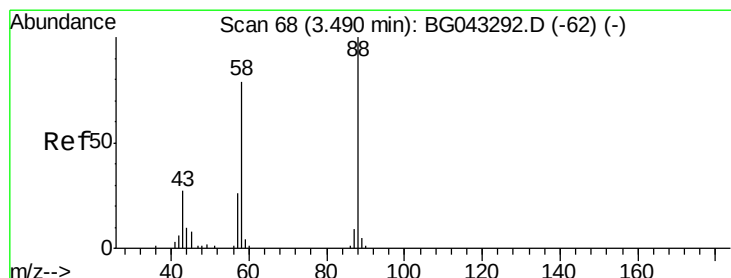
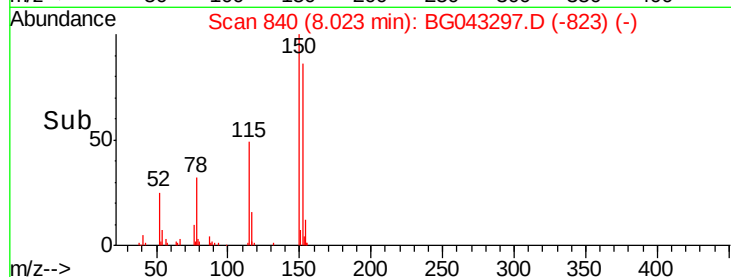
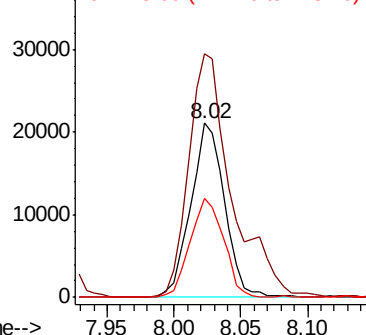
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Instrument :
BNA_G
ClientSampleId :
ICVBG102119

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.7	113.6	170.4
115	56.8	45.9	68.9



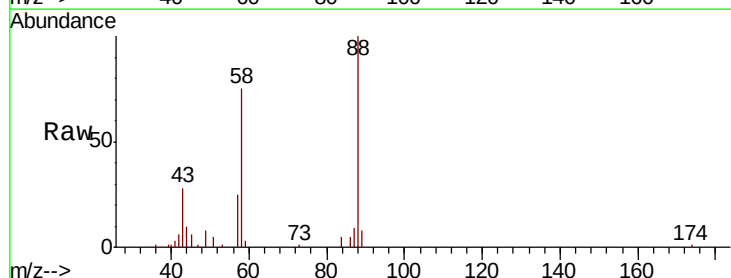
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



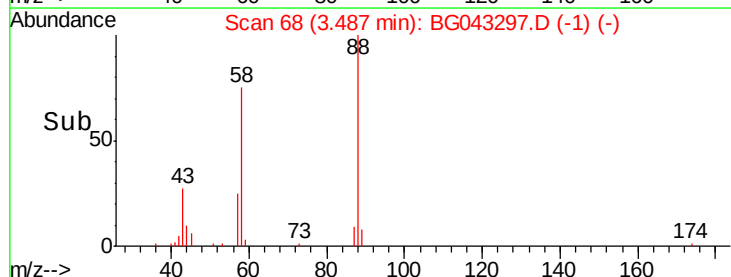
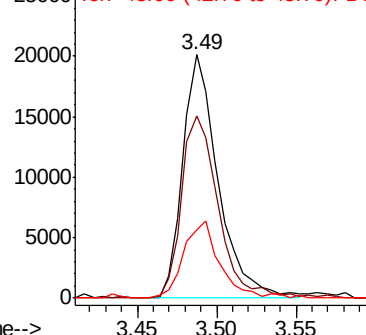
#2

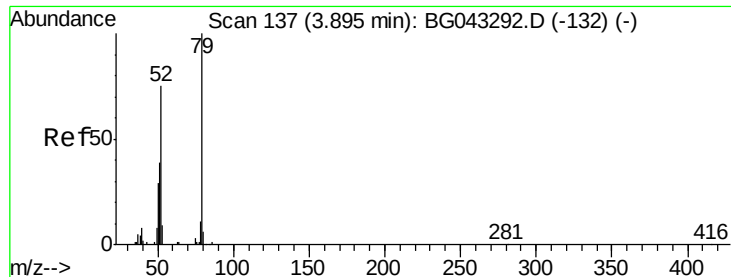
1,4-Dioxane
Concen: 39.591 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	60.2	90.2
43	32.5	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: 44.770 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

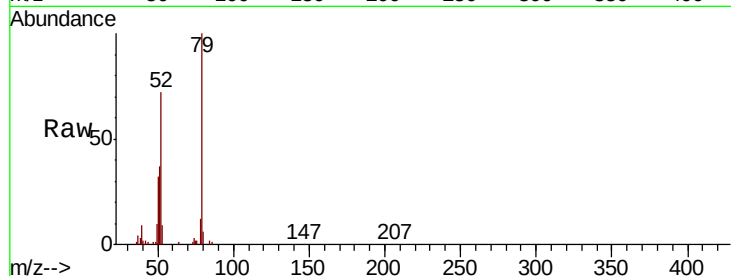
BNA_G

ClientSampleId :

ICVBG102119

Tot Ion: 79 Resp: 89310

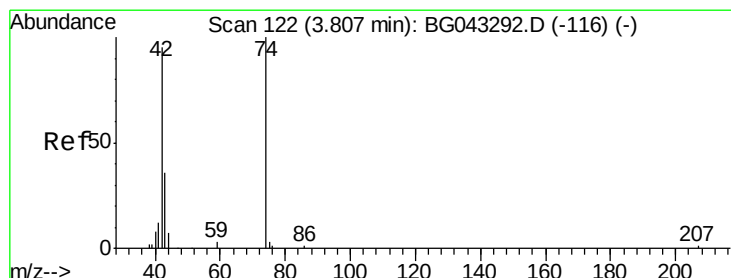
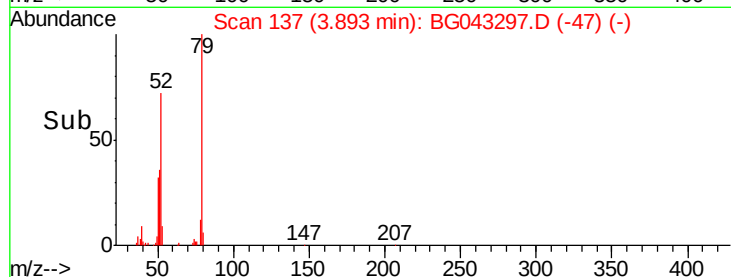
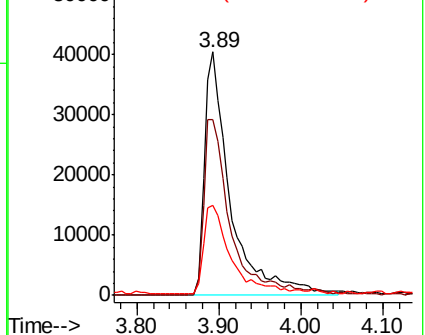
Ion	Ratio	Lower	Upper
79	100		
52	72.2	59.7	89.5
51	37.2	31.8	47.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.076 ng

RT: 3.80 min Scan# 122

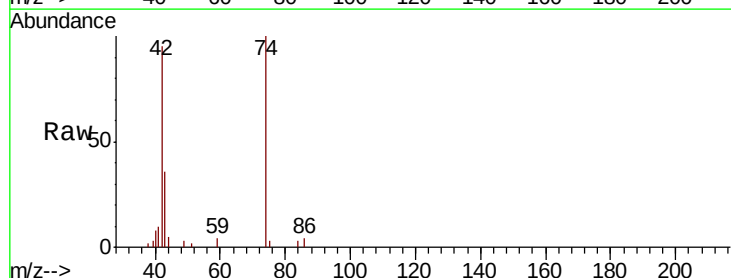
Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion: 42 Resp: 41348

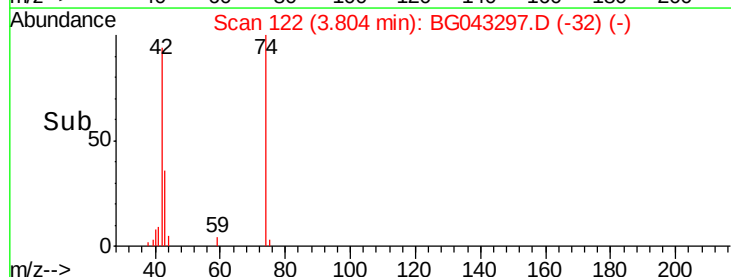
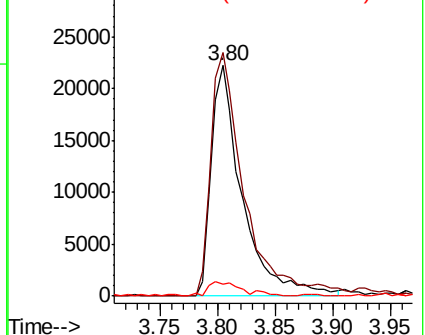
Ion	Ratio	Lower	Upper
42	100		
74	105.7	84.2	126.2
44	5.0	6.0	9.0

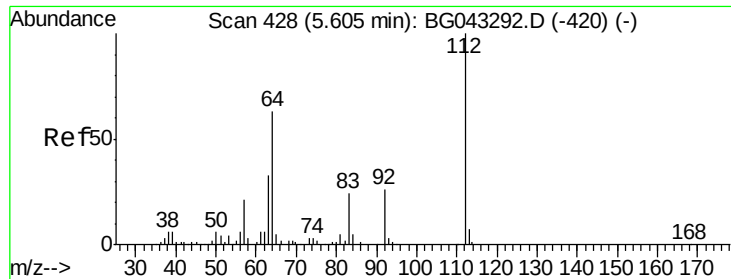


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.842 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

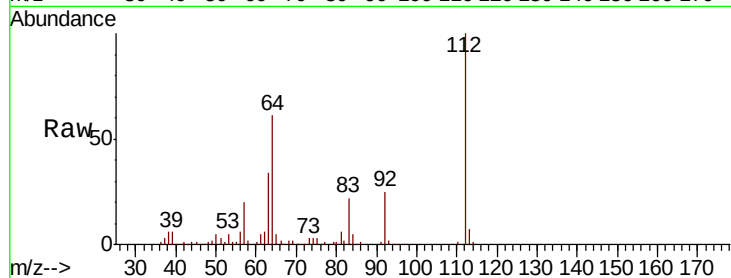
Tot Ion:112 Resp: 168111

Ion Ratio Lower Upper

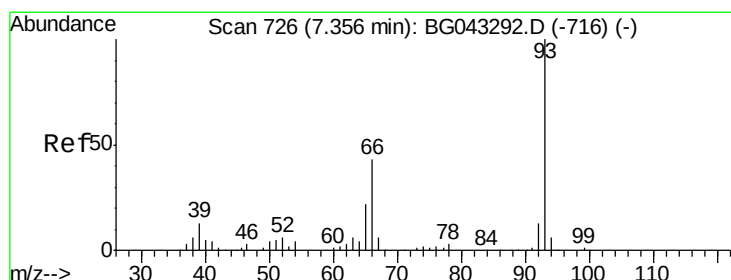
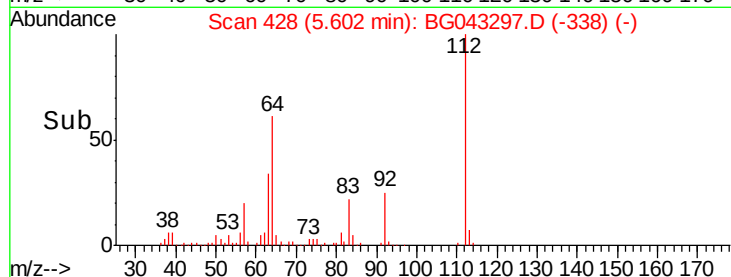
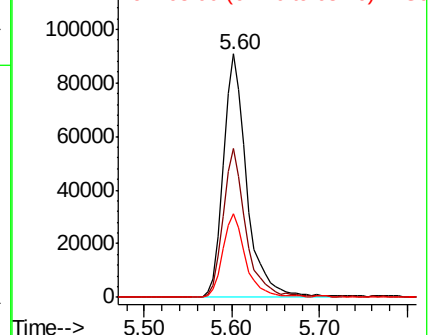
112 100

64 61.4 50.2 75.2

63 34.2 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: 40.898 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

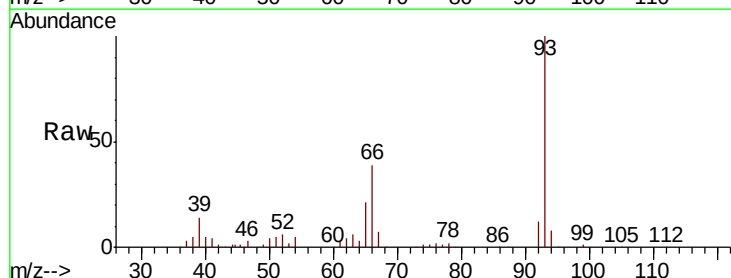
Tgt Ion: 93 Resp: 137555

Ion Ratio Lower Upper

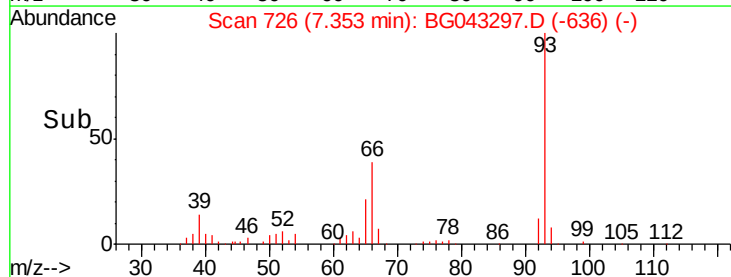
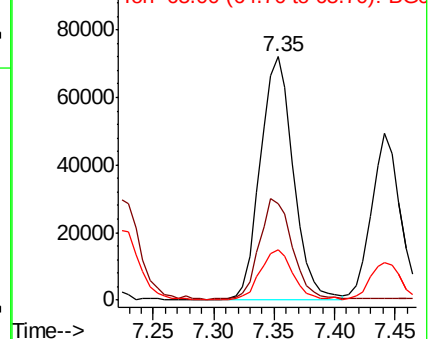
93 100

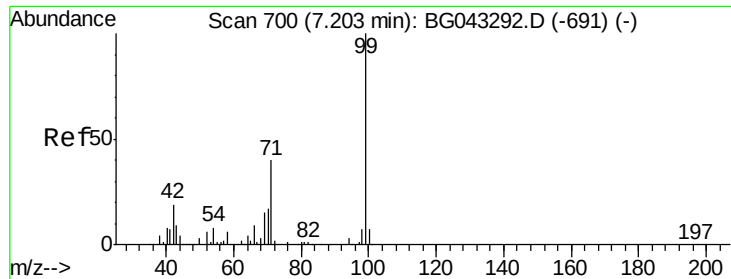
66 39.4 34.5 51.7

65 20.9 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: 82.165 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

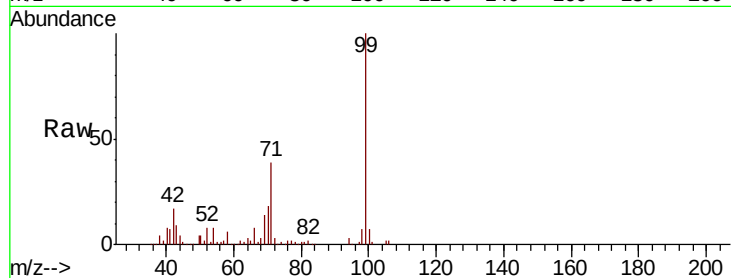
BNA_G

ClientSampleId :

ICVBG102119

Tot Ion: 99 Resp: 239896

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.9	22.3
71	38.8	32.2	48.2

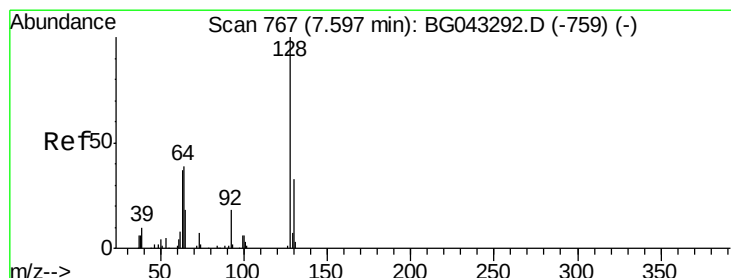
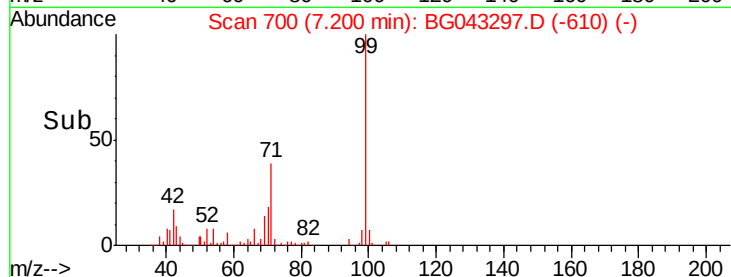
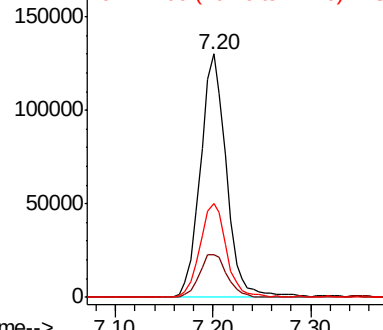


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.845 ng

RT: 7.59 min Scan# 767

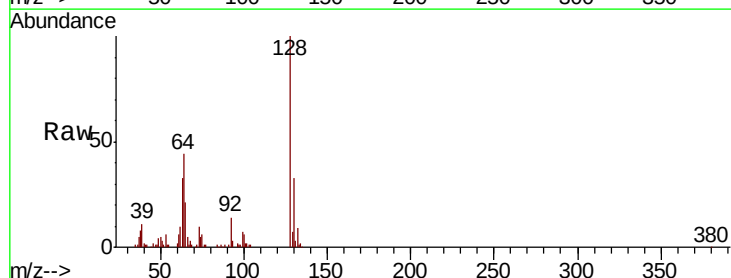
Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion: 128 Resp: 91497

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	44.3	24.9	64.9

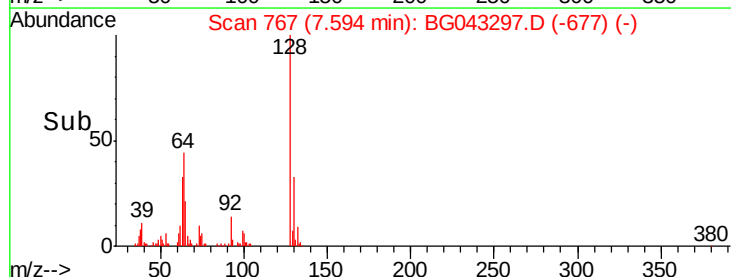
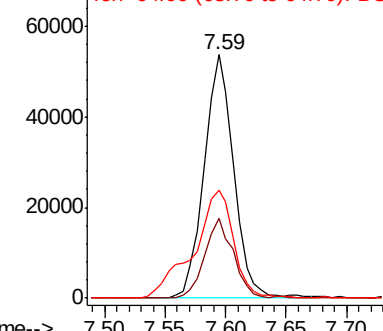


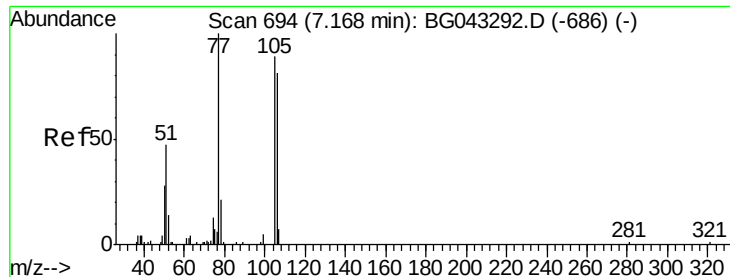
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.968 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

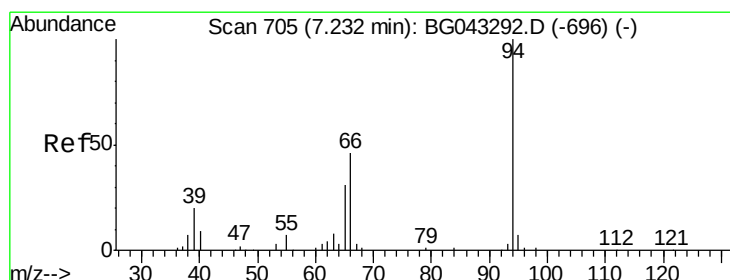
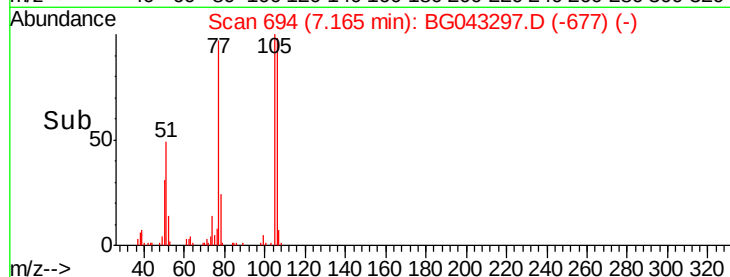
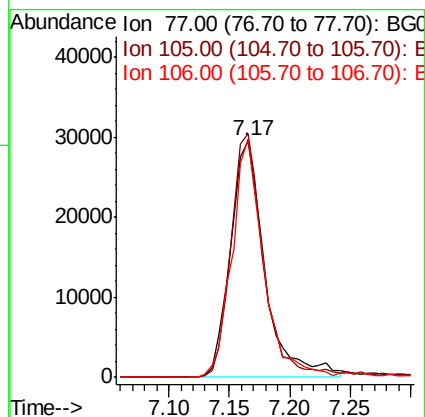
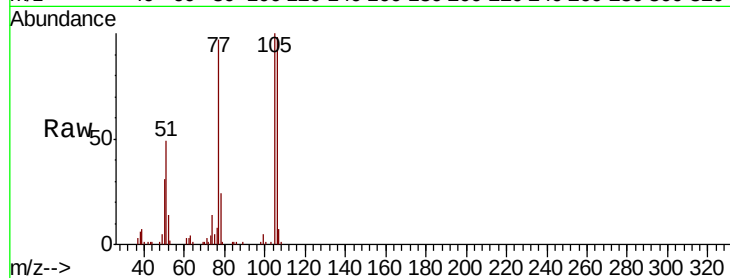
Tot Ion: 77 Resp: 58783

Ion Ratio Lower Upper

77 100

105 103.1 68.7 108.7

106 101.2 60.5 100.5#



#10

Phenol

Concen: 41.073 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

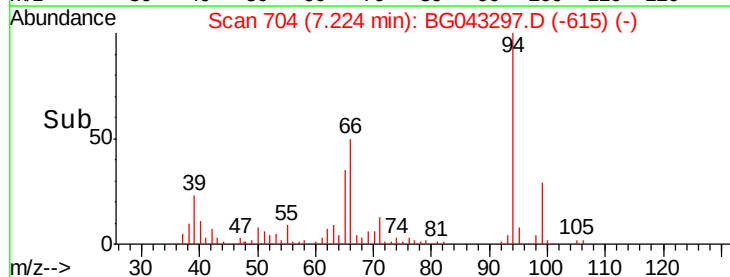
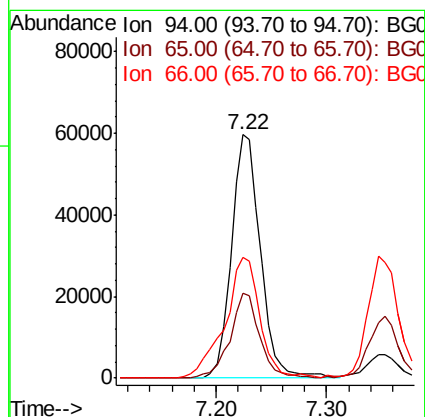
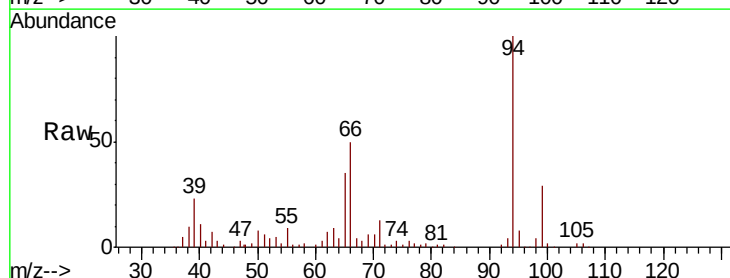
Tgt Ion: 94 Resp: 109583

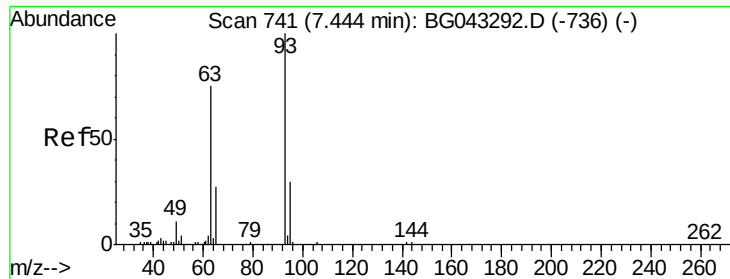
Ion Ratio Lower Upper

94 100

65 34.6 11.1 51.1

66 49.6 27.8 67.8

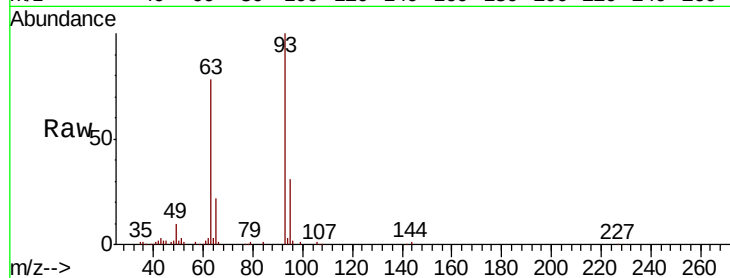




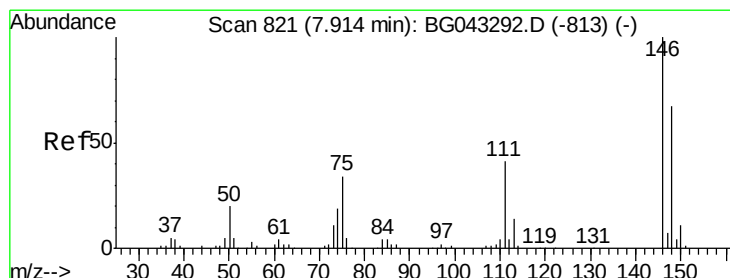
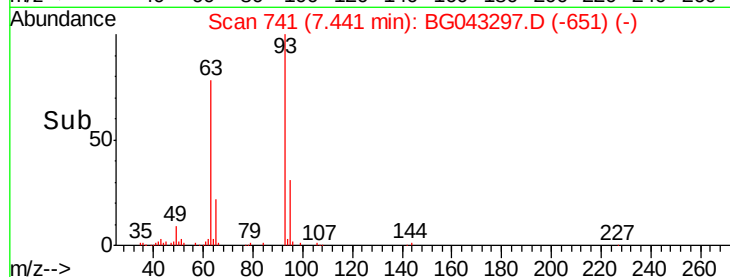
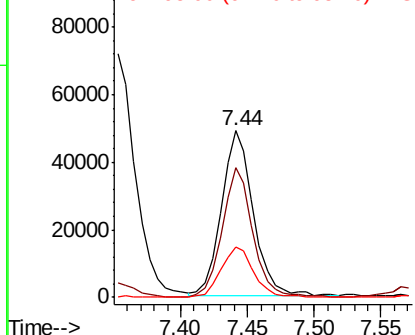
#11
bis(2-Chloroethyl)ether
Concen: 39.375 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Instrument :
BNA_G
ClientSampleId :
ICVBG102119

Tot Ion: 93 Resp: 81221
Ion Ratio Lower Upper
93 100
63 77.8 54.6 94.6
95 30.5 9.7 49.7

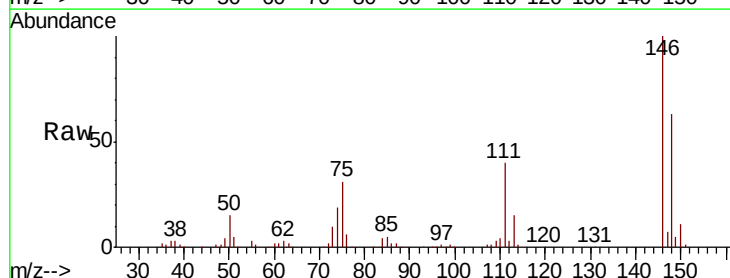


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

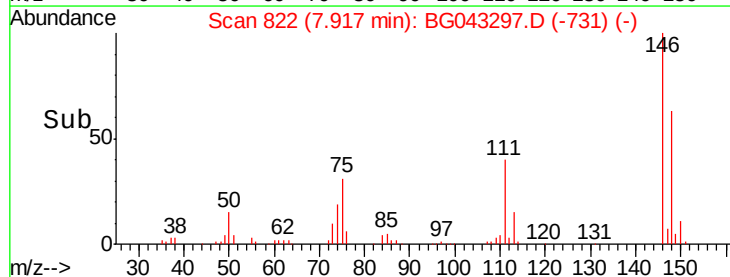
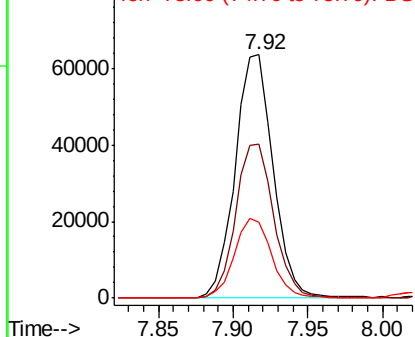


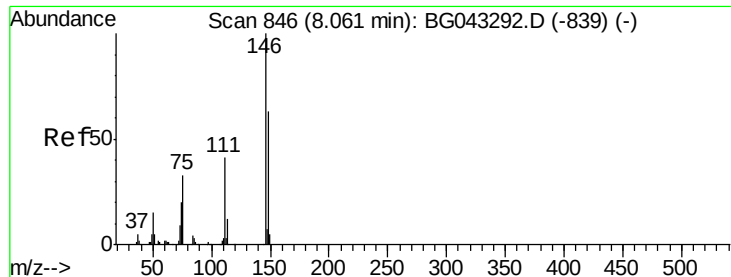
#12
1,3-Dichlorobenzene
Concen: 39.966 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion: 146 Resp: 112173
Ion Ratio Lower Upper
146 100
148 63.1 53.4 80.2
75 31.0 27.0 40.4



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

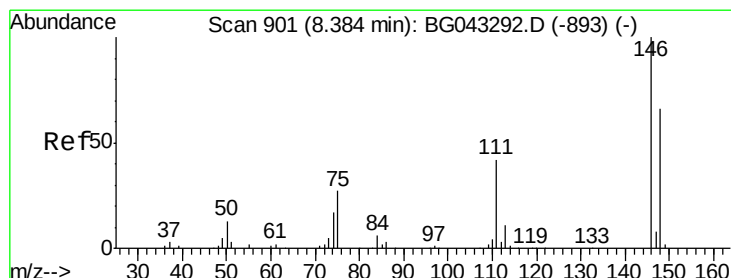
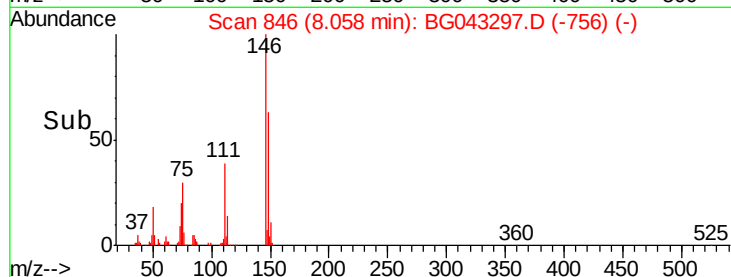
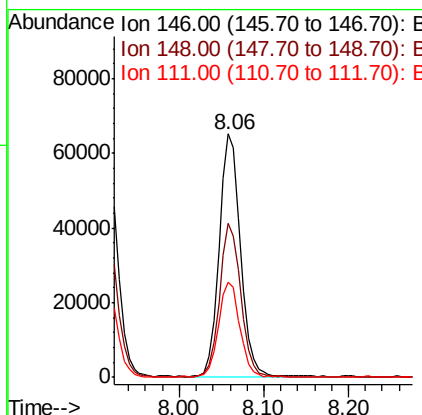
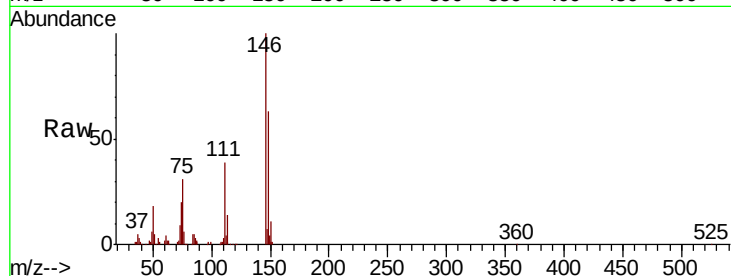




#13
 1,4-Dichlorobenzene
 Concen: 40.699 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

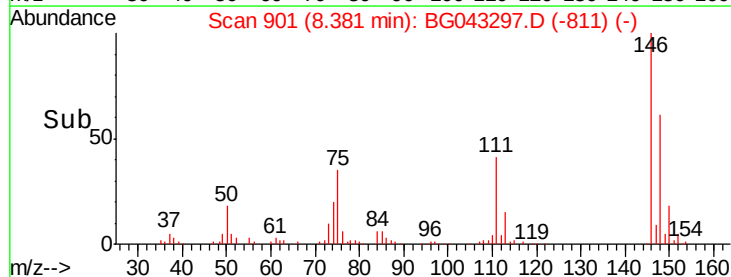
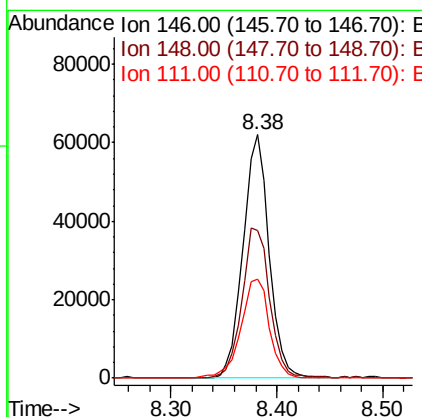
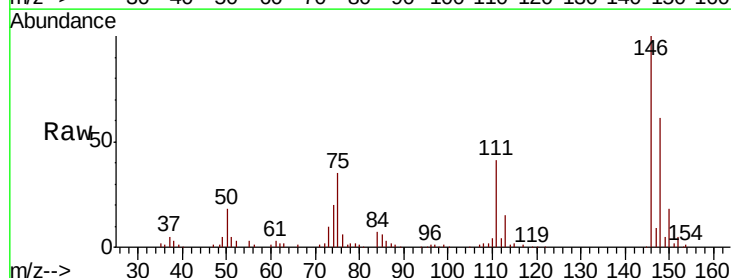
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

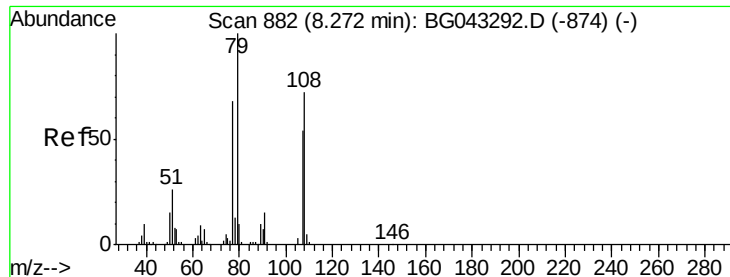
Tot Ion:146 Resp: 115572
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.7 76.1
 111 39.1 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 38.507 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Tgt Ion:146 Resp: 106767
 Ion Ratio Lower Upper
 146 100
 148 60.9 53.0 79.4
 111 40.8 34.5 51.7





#15

Benzyl Alcohol

Concen: 41.355 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

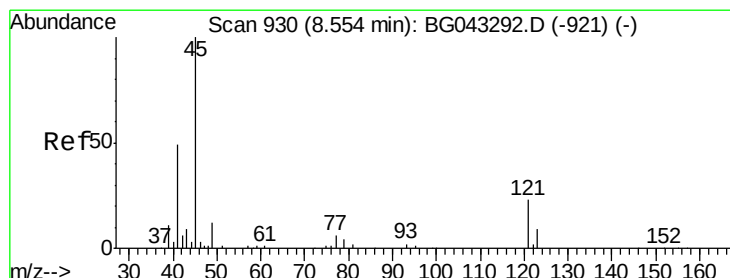
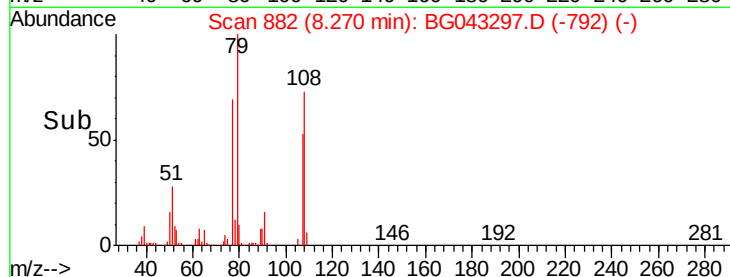
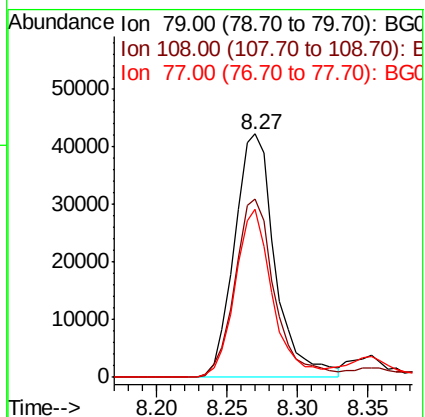
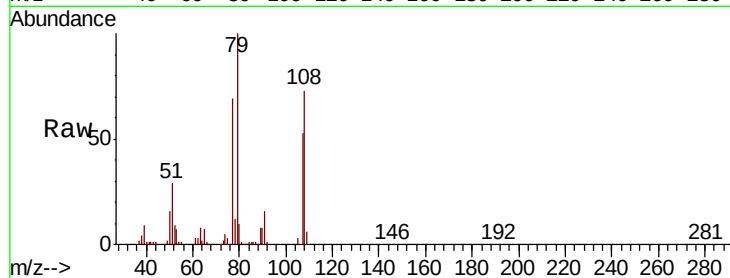
Tot Ion: 79 Resp: 84798

Ion Ratio Lower Upper

79 100

108 73.1 57.3 85.9

77 69.2 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.926 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

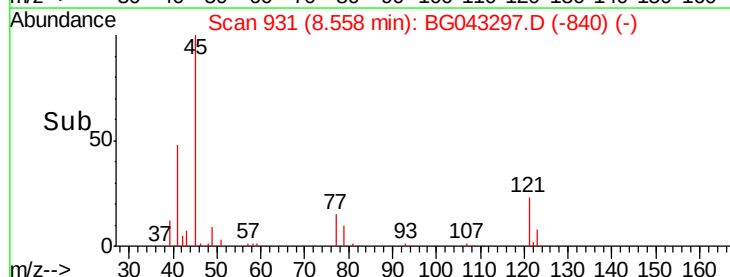
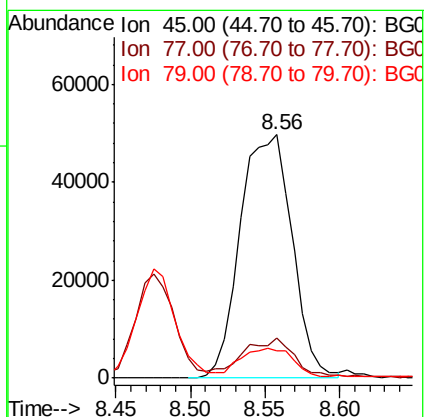
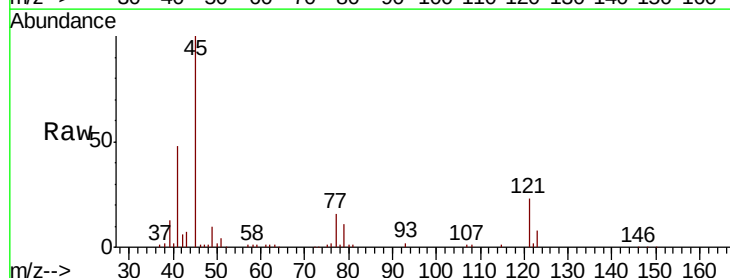
Tgt Ion: 45 Resp: 119755

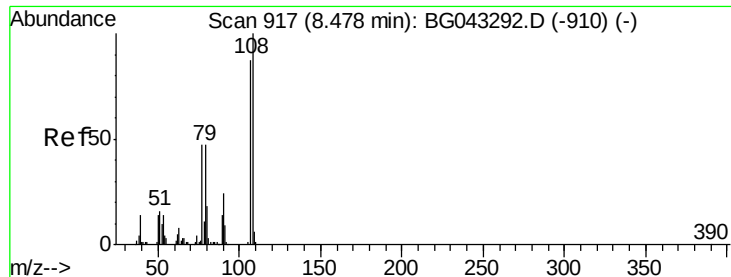
Ion Ratio Lower Upper

45 100

77 16.3 0.0 34.2

79 11.2 0.0 32.3





#17

2-Methylphenol

Concen: 40.201 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

Tot Ion:107 Resp: 78190

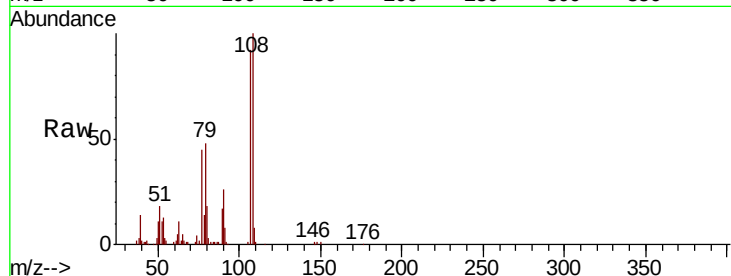
Ion Ratio Lower Upper

107 100

108 108.3 91.3 136.9

77 48.8 43.0 64.6

79 51.5 43.4 65.2

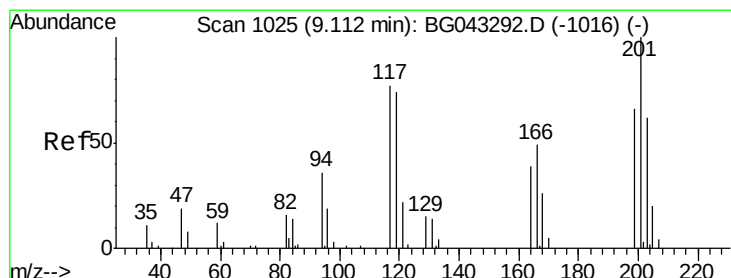
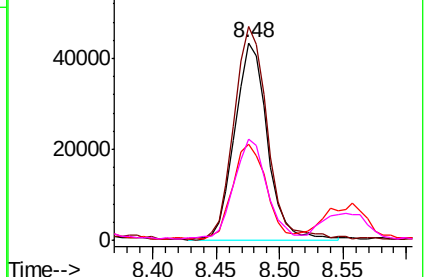
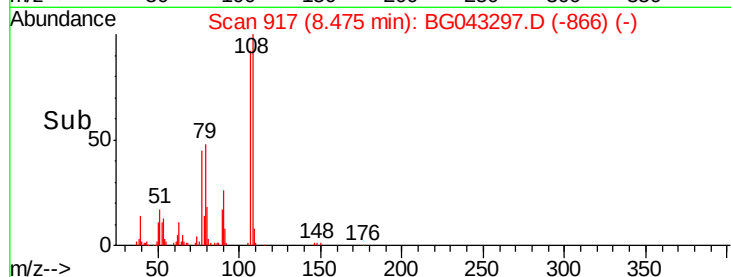


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.749 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

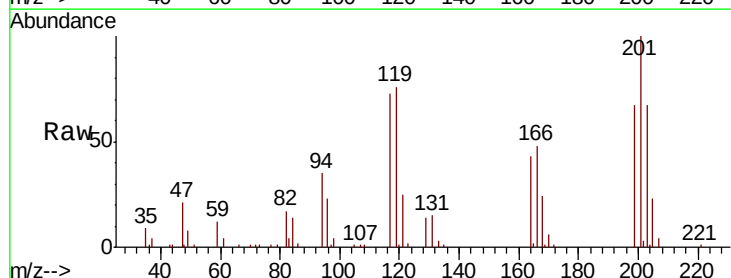
Tgt Ion:117 Resp: 40724

Ion Ratio Lower Upper

117 100

119 105.1 77.3 115.9

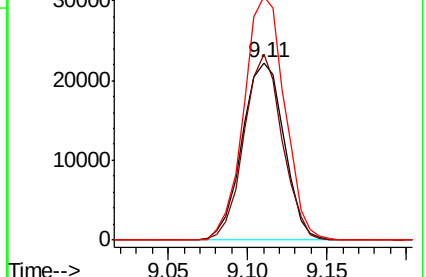
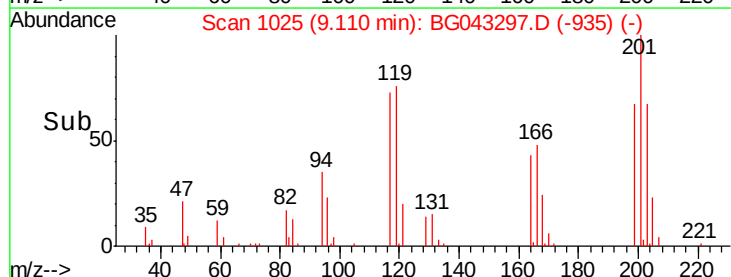
201 137.4 104.2 156.4

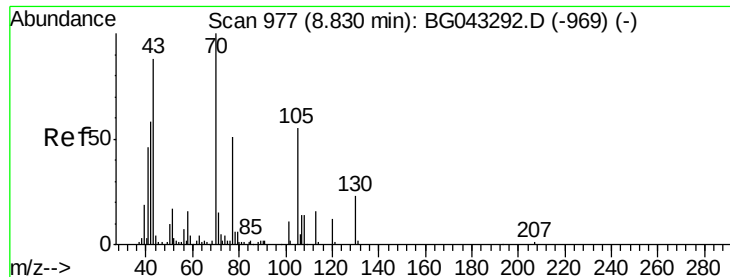


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

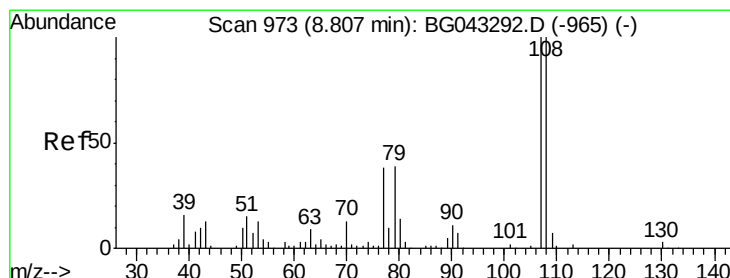
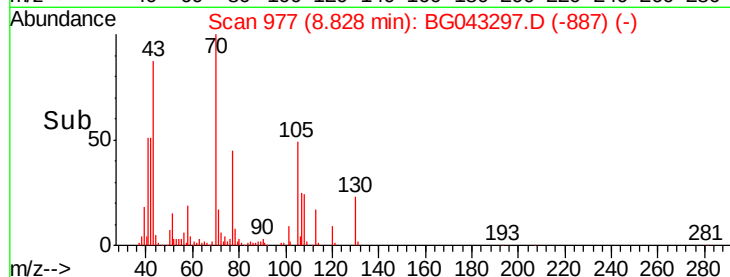
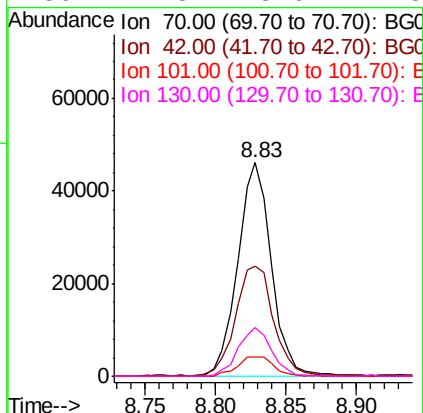
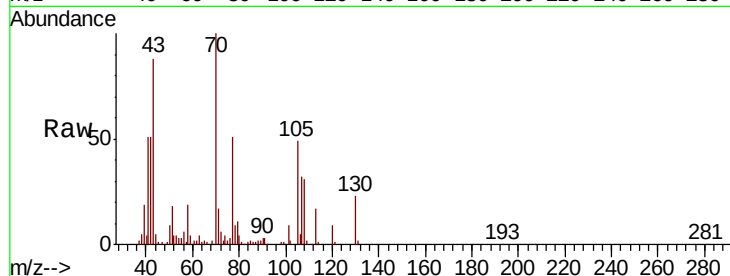




#19
n-Nitroso-di-n-propylamine
Concen: 40.596 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

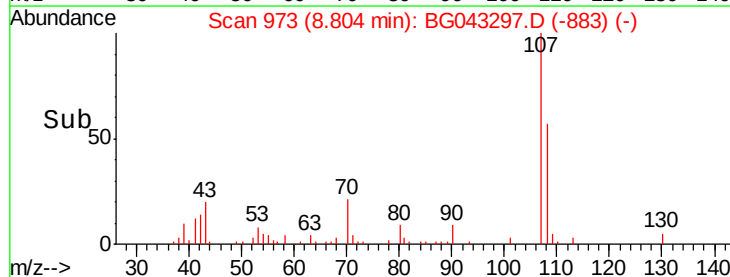
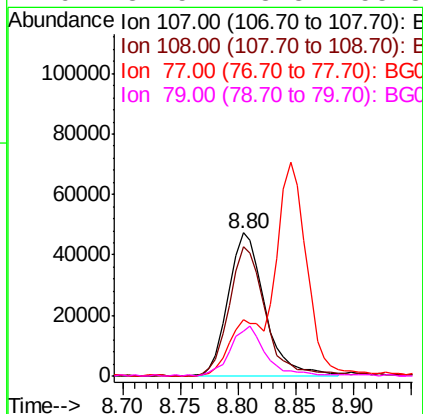
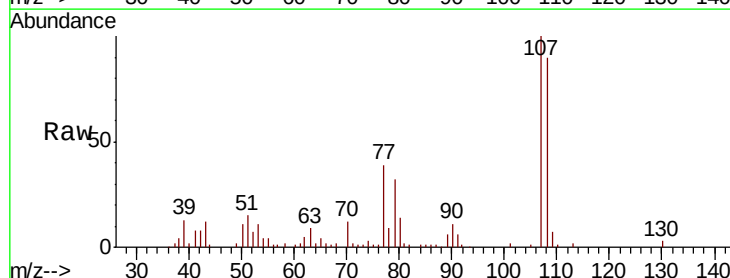
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

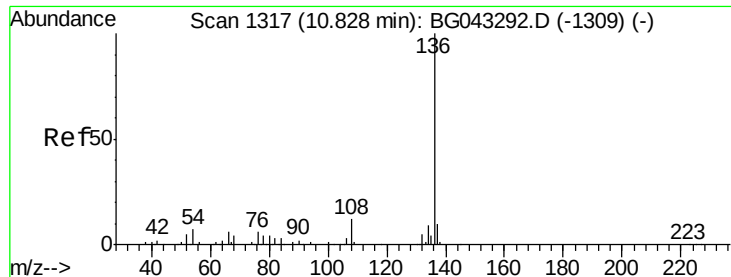
Tot Ion:	70	Resp:	76590
Ion	Ratio	Lower	Upper
70	100		
42	51.4	46.2	69.2
101	9.0	8.6	13.0
130	22.8	18.6	27.8



#20
3+4-Methylphenols
Concen: 39.046 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:	107	Resp:	104138
Ion	Ratio	Lower	Upper
107	100		
108	90.4	80.3	120.3
77	39.1	18.2	58.2
79	31.5	18.8	58.8

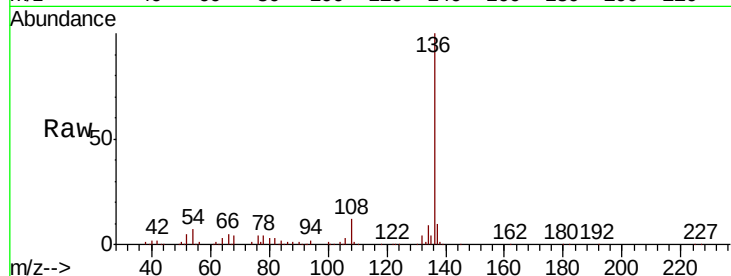




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Instrument :
BNA_G
ClientSampleId :
ICVBG102119

Tot Ion:136	Resp:	146008
Ion Ratio	Lower	Upper
136 100		
137 9.8	8.2	12.2
54 7.2	5.4	8.2
68 4.1	3.3	4.9



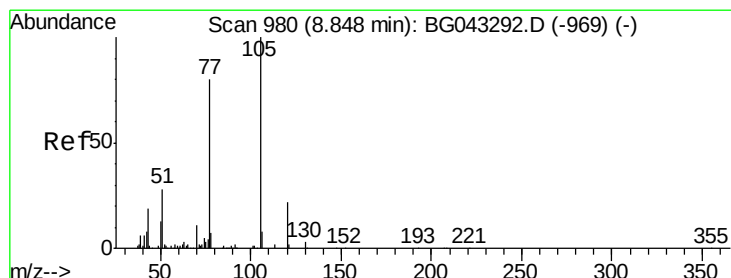
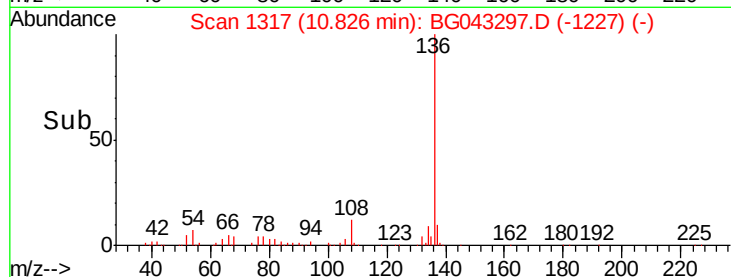
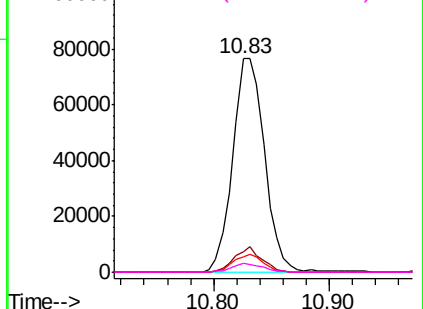
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

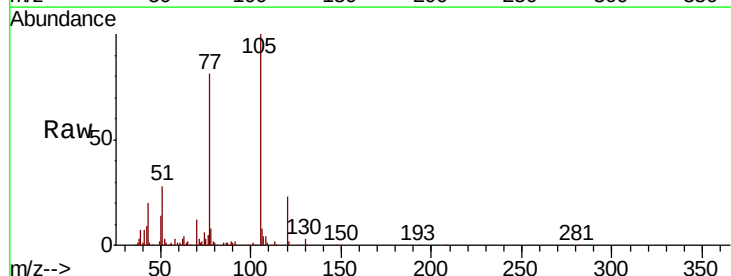
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.215 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt	Ion:105	Resp:	157846
Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.5	2.3#
51	28.0	23.9	35.9
120	22.7	17.3	25.9



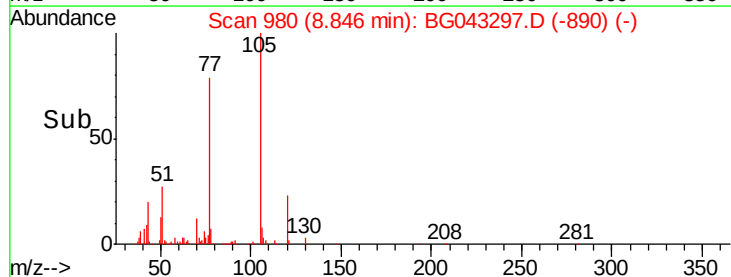
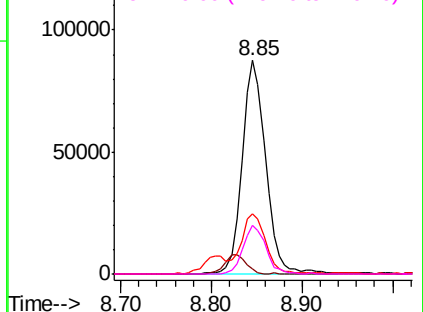
Abundance

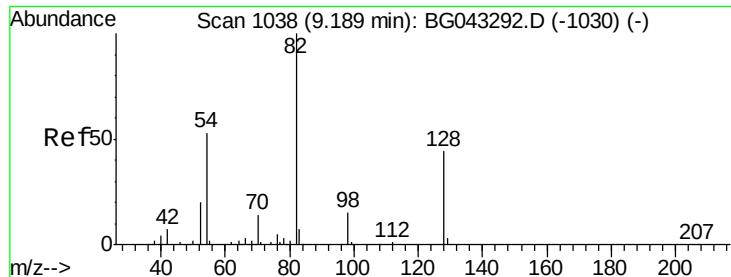
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

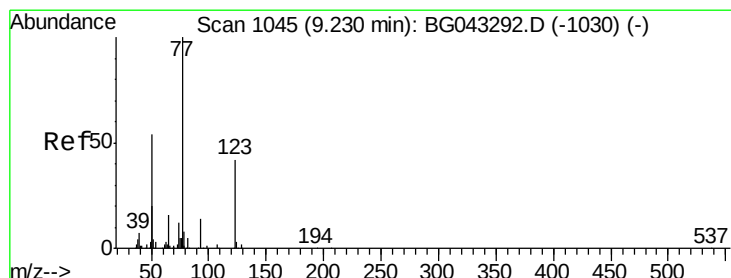
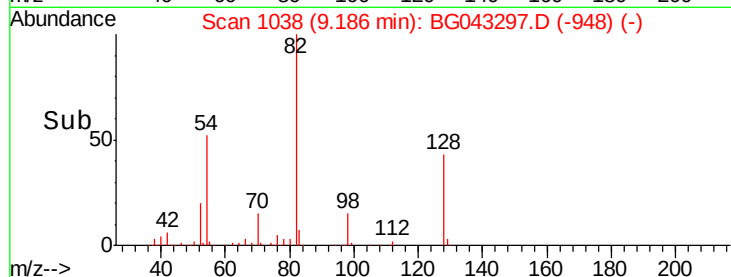
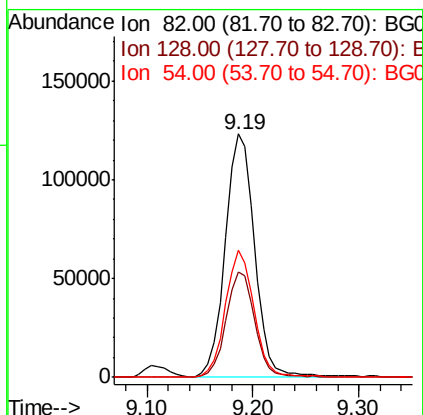
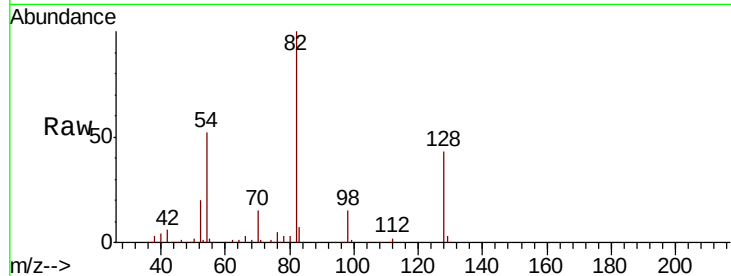




#23
Nitrobenzene-d5
Concen: 83.635 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

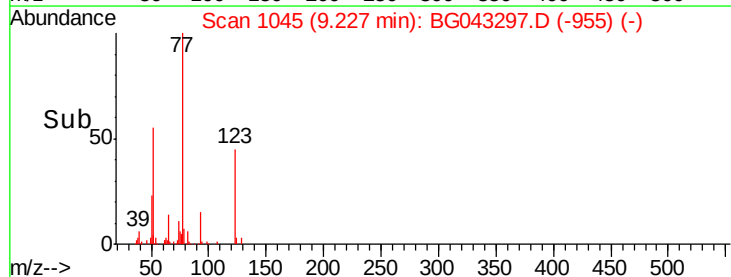
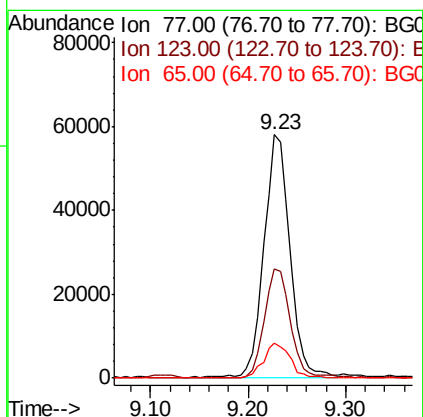
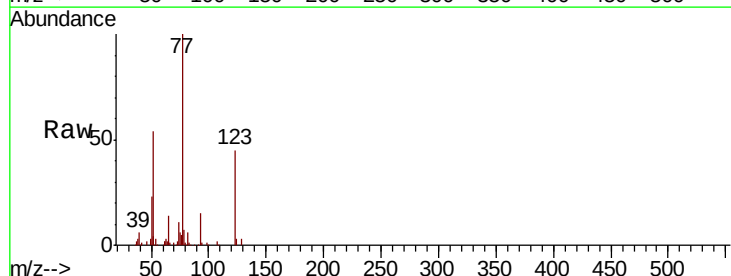
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

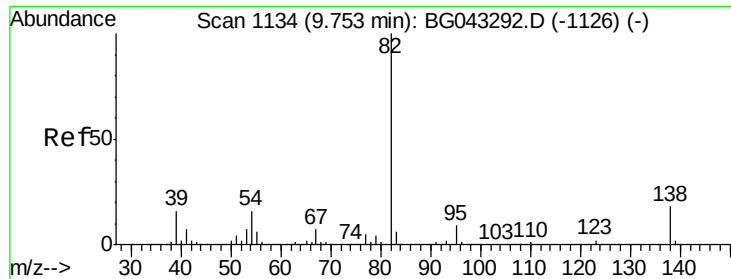
Tot Ion	82	Resp	236862
Ion Ratio	100	Lower	Upper
128	43.4	35.3	52.9
54	52.2	42.3	63.5



#24
Nitrobenzene
Concen: 40.541 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion	77	Resp	109375
Ion Ratio	100	Lower	Upper
123	44.9	33.8	50.8
65	14.4	13.0	19.4





#25

Isophorone

Concen: 41.846 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

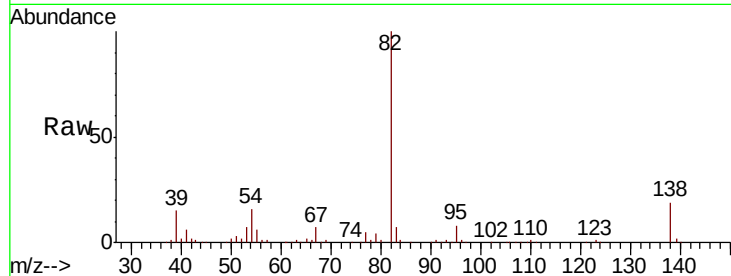
Tot Ion: 82 Resp: 216675

Ion Ratio Lower Upper

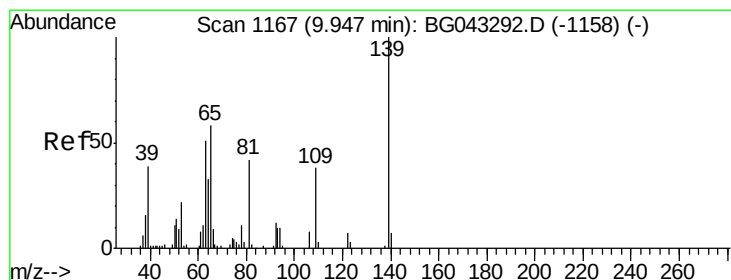
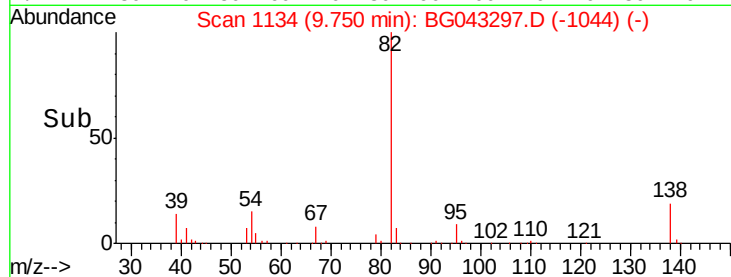
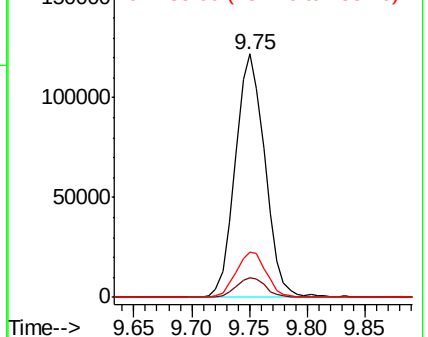
82 100

95 8.3 6.9 10.3

138 18.6 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: 42.177 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

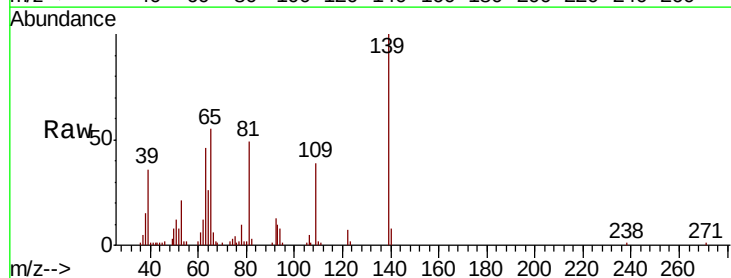
Tgt Ion: 139 Resp: 54935

Ion Ratio Lower Upper

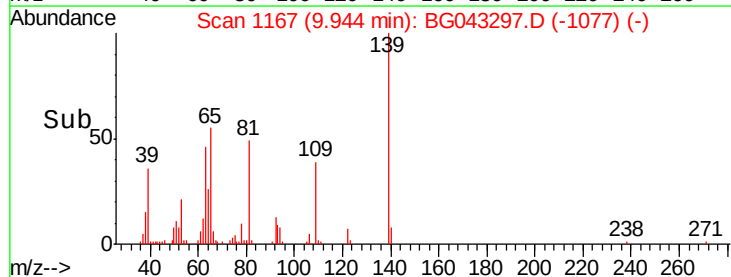
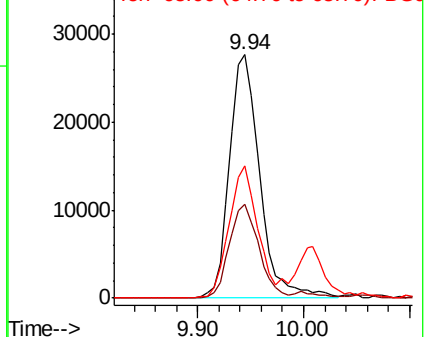
139 100

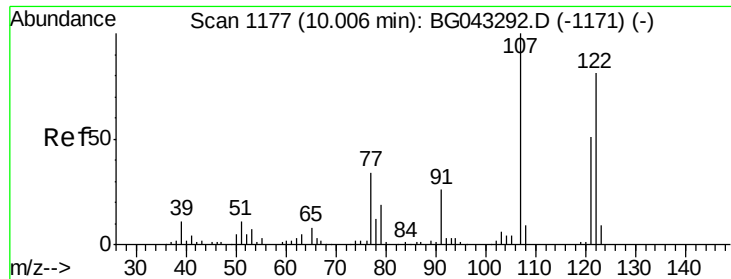
109 38.8 30.1 45.1

65 54.6 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: 41.476 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

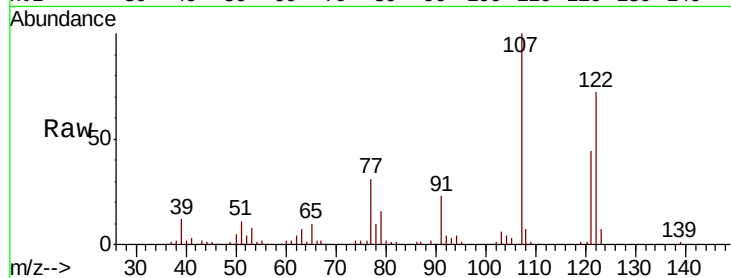
Tot Ion:122 Resp: 77428

Ion Ratio Lower Upper

122 100

107 139.1 98.6 147.8

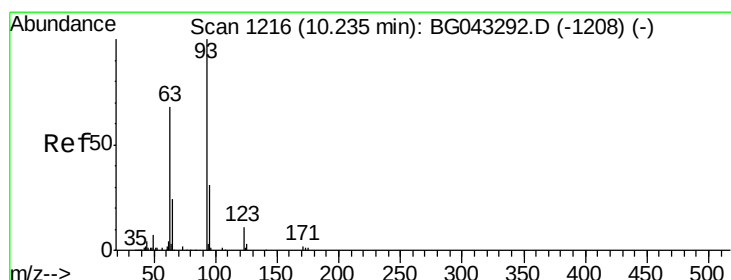
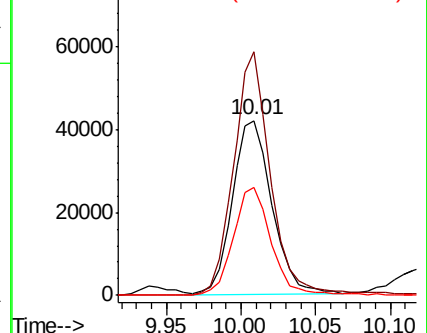
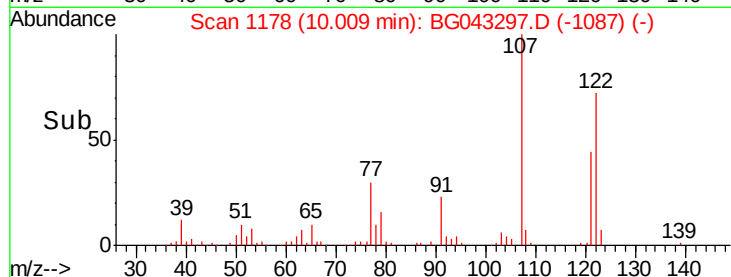
121 61.7 50.1 75.1



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: 41.114 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

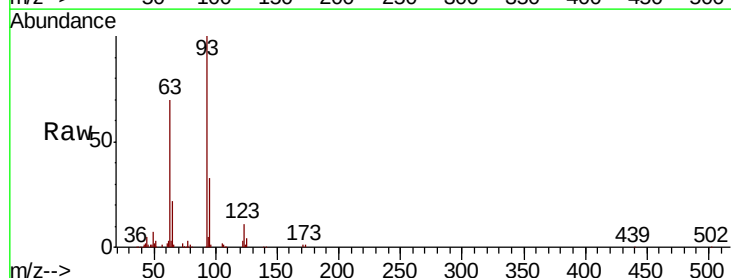
Tgt Ion: 93 Resp: 117495

Ion Ratio Lower Upper

93 100

95 33.0 24.9 37.3

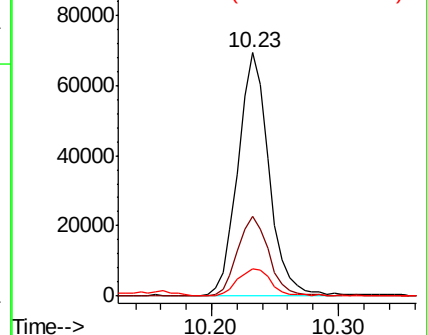
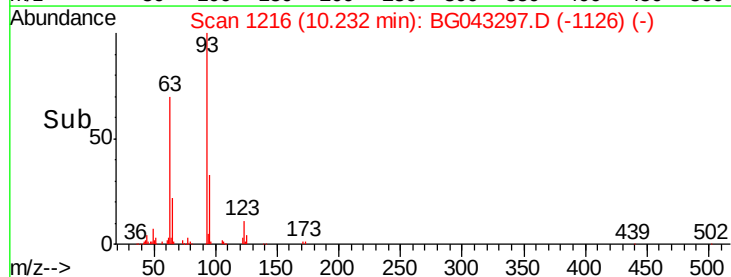
123 11.1 8.9 13.3

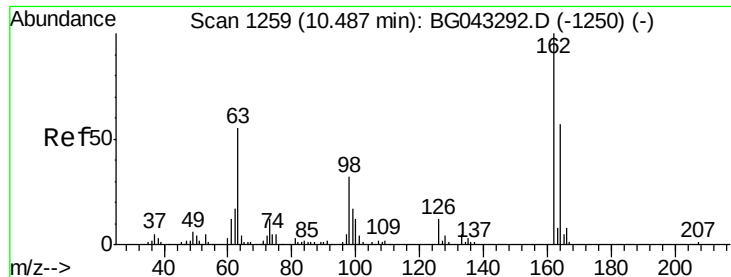


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

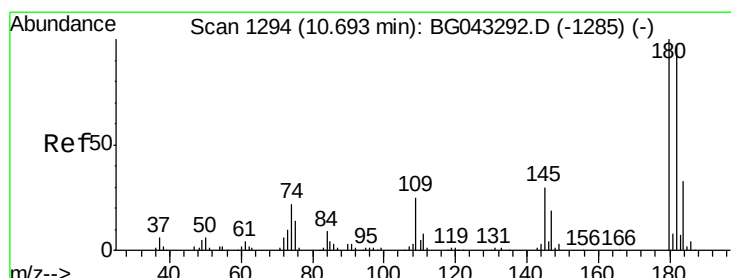
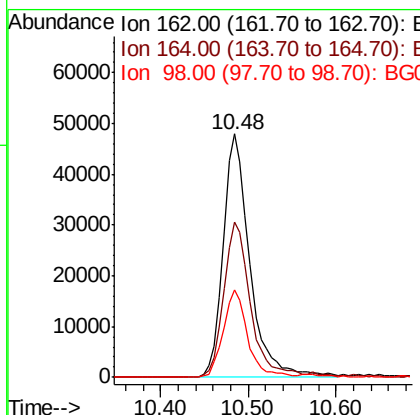
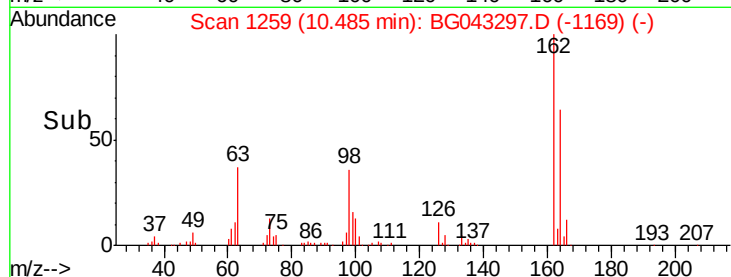
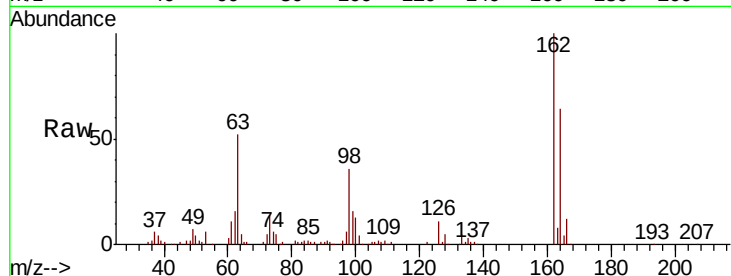




#29
 2,4-Dichlorophenol
 Concen: 41.961 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

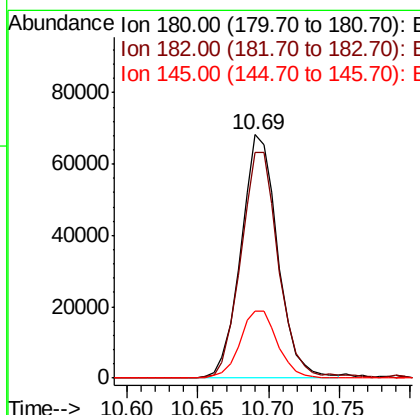
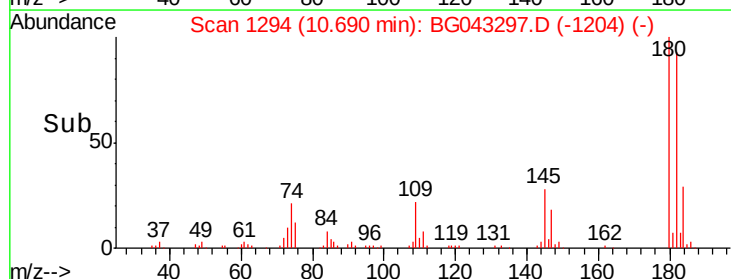
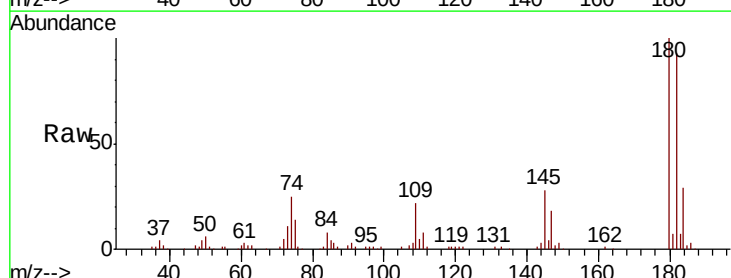
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

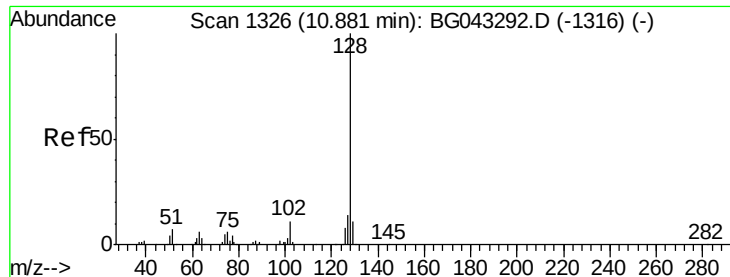
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	37.3	77.3
98	36.2	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.228 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.8	116.8
145	27.7	23.6	35.4

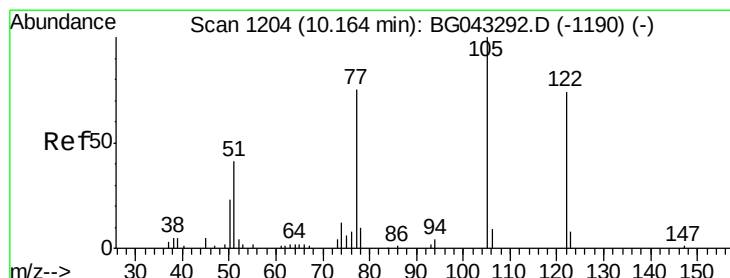
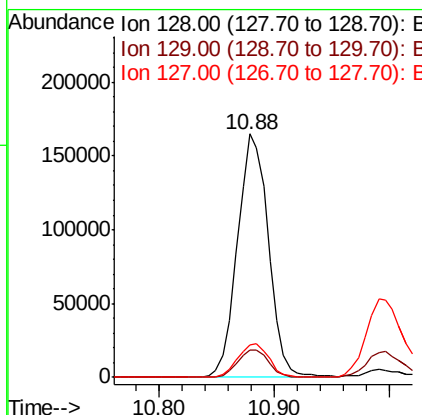
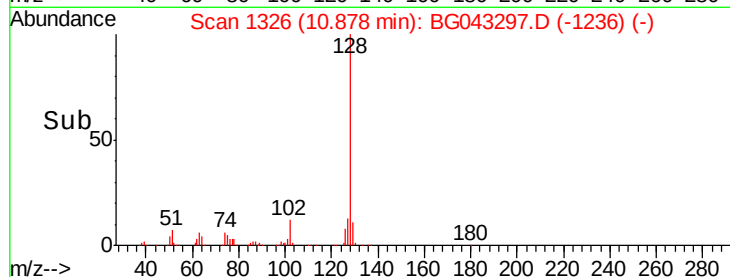
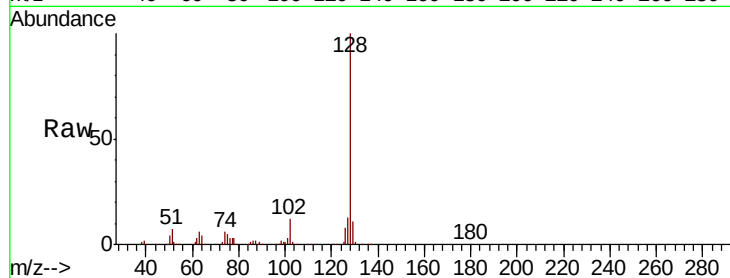




#31
Naphthalene
Concen: 41.393 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

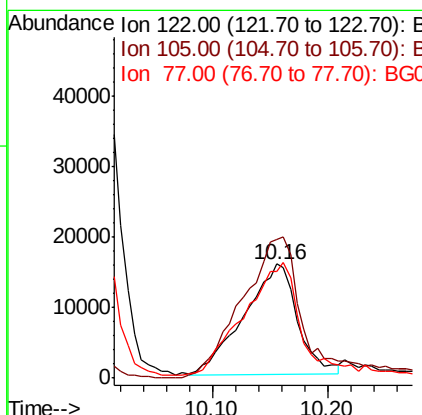
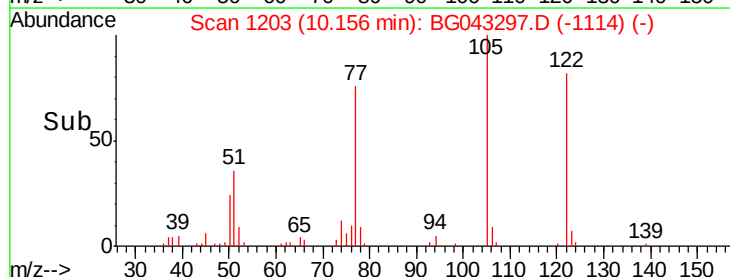
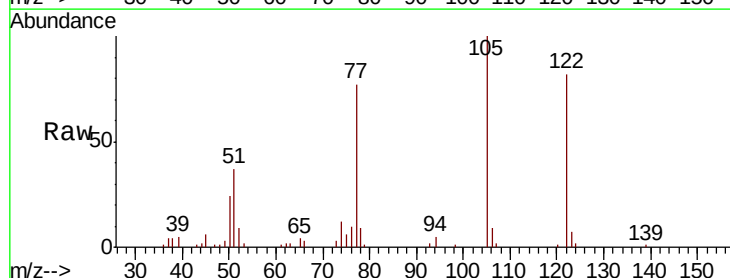
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

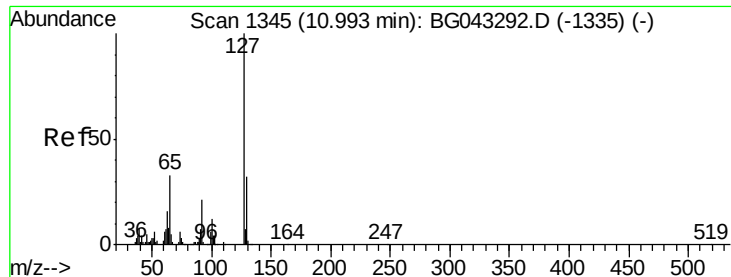
Tot Ion:128 Resp: 306772
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.2 11.5 17.3



#32
Benzoic acid
Concen: 38.005 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:122 Resp: 50864
Ion Ratio Lower Upper
122 100
105 122.0 112.4 152.4
77 93.8 82.7 122.7

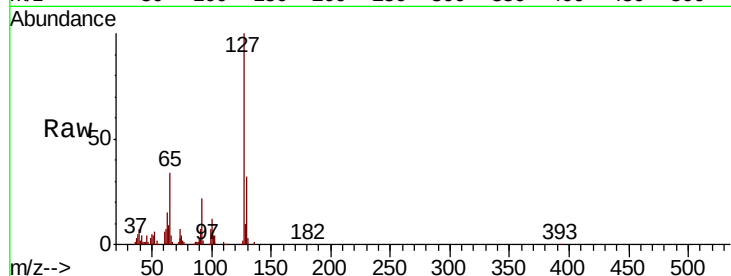




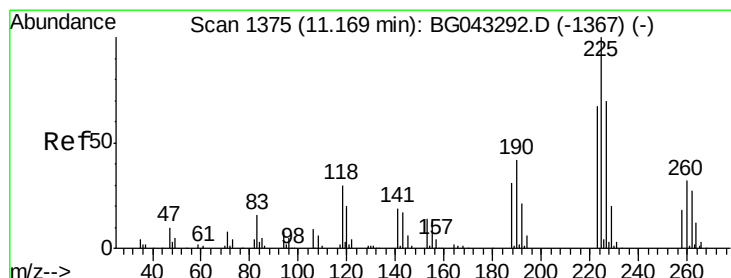
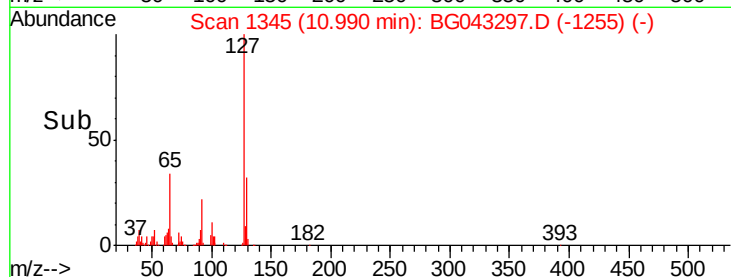
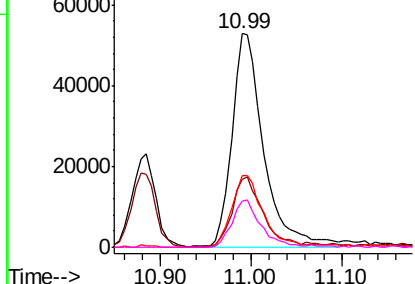
#33
4-Chloroaniline
Concen: 41.867 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Instrument :
BNA_G
ClientSampleId :
ICVBG102119

Tot Ion:	127	Resp:	127191
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	33.8	26.2	39.2
92	21.8	17.0	25.4

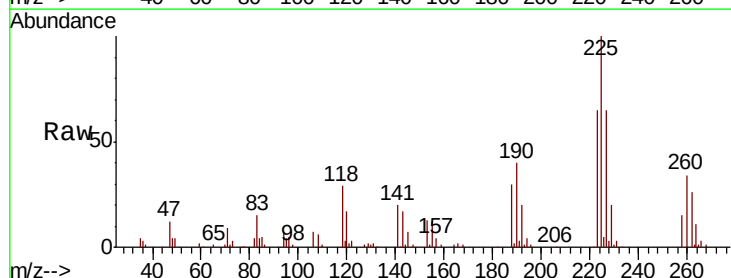


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

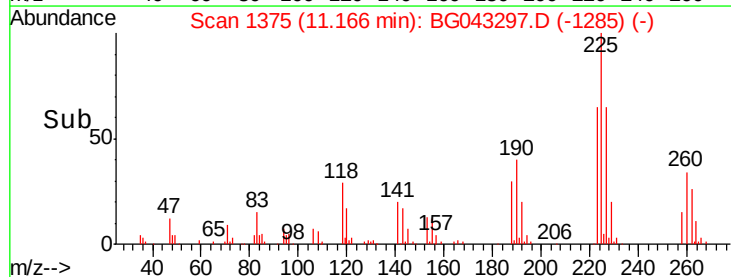
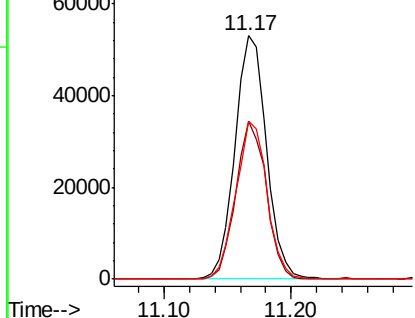


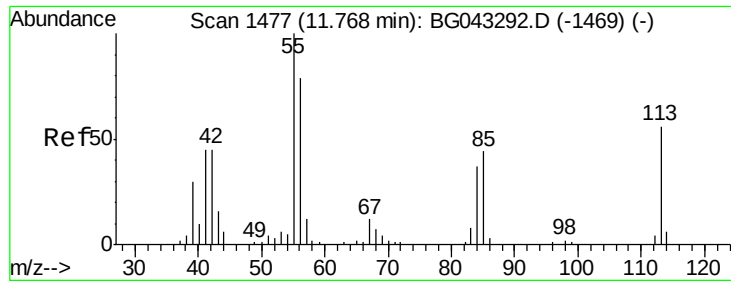
#34
Hexachlorobutadiene
Concen: 40.816 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:	225	Resp:	90959
Ion	Ratio	Lower	Upper
225	100		
223	64.6	53.2	79.8
227	64.6	56.2	84.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.053 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

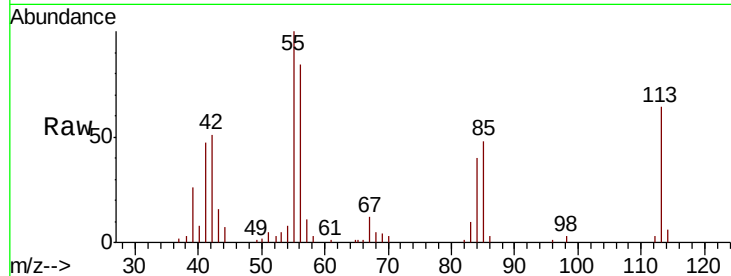
Tot Ion:113 Resp: 36290

Ion Ratio Lower Upper

113 100

55 155.2 158.9 198.9#

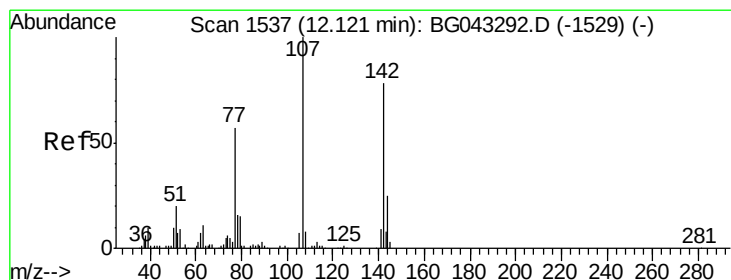
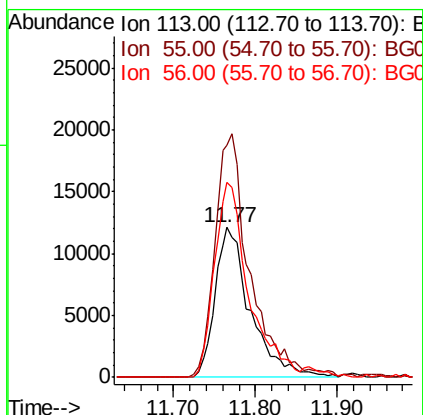
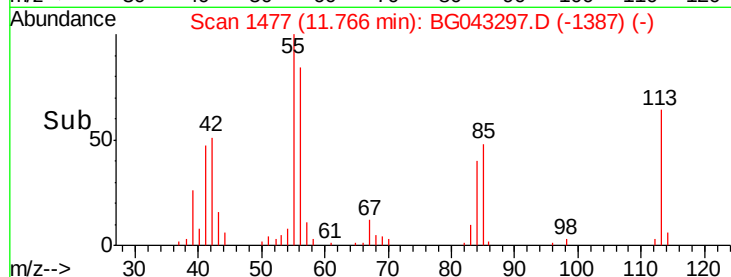
56 130.4 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.266 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

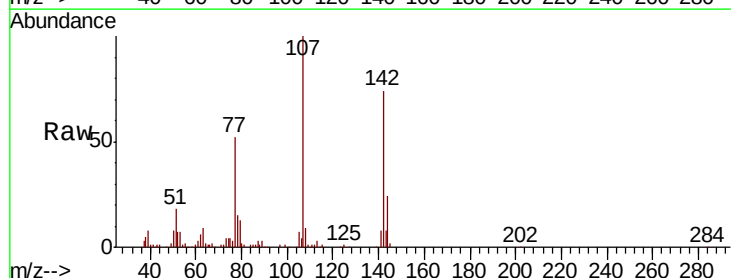
Tgt Ion:107 Resp: 107667

Ion Ratio Lower Upper

107 100

144 23.8 19.9 29.9

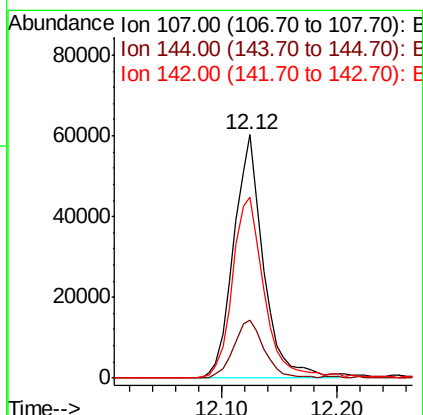
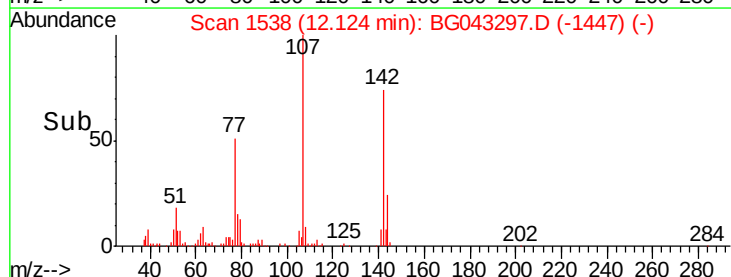
142 74.1 62.1 93.1

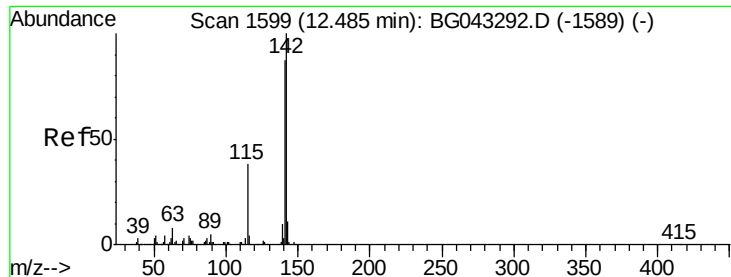


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

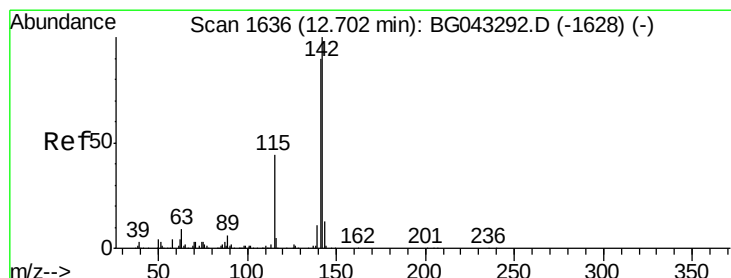
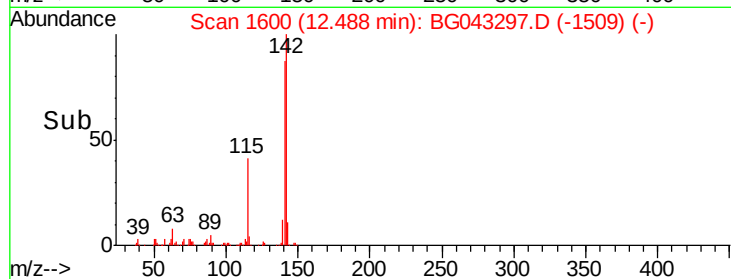
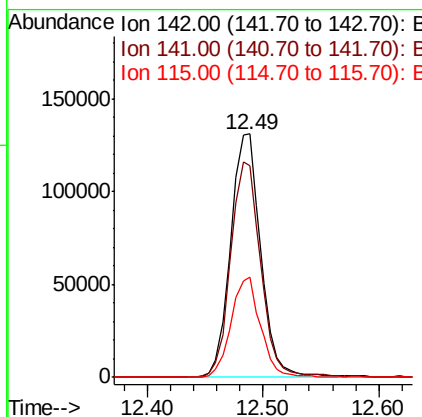
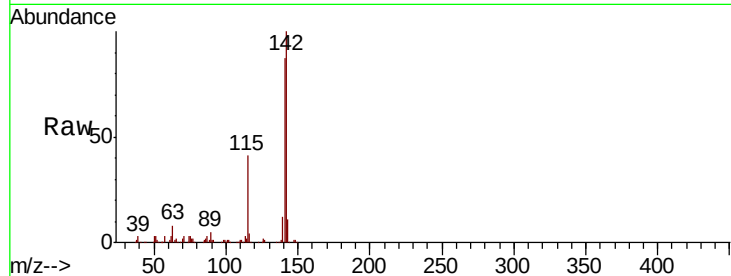




#37
 2-Methylnaphthalene
 Concen: 41.830 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

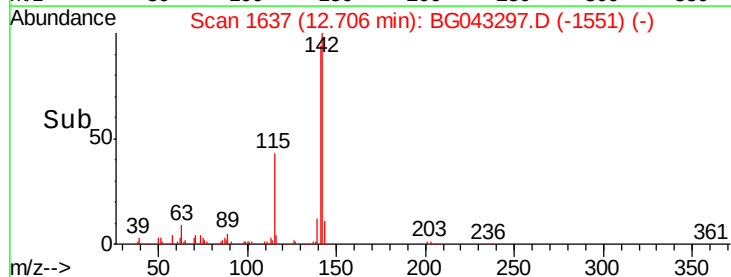
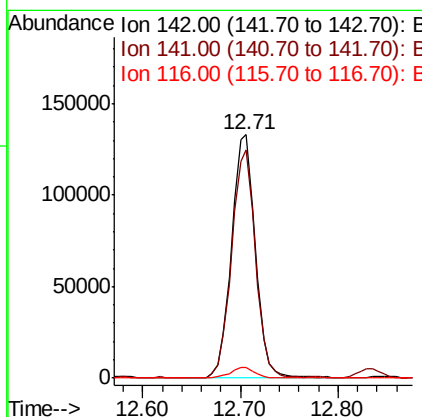
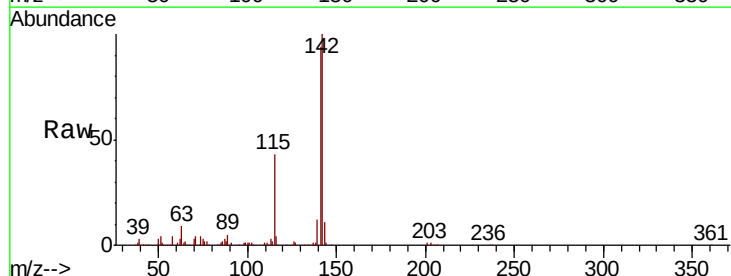
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

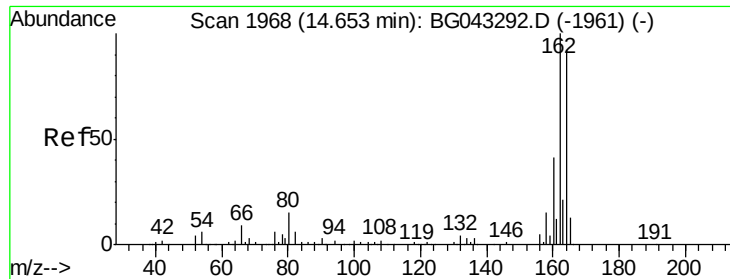
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.7	104.5
115	41.3	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 41.378 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.3	108.5
116	4.3	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

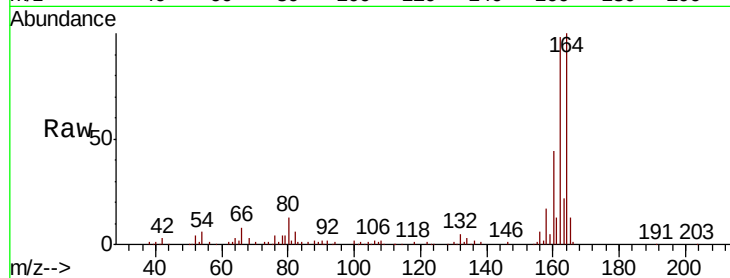
Tot Ion:164 Resp: 110508

Ion Ratio Lower Upper

164 100

162 98.4 87.0 130.4

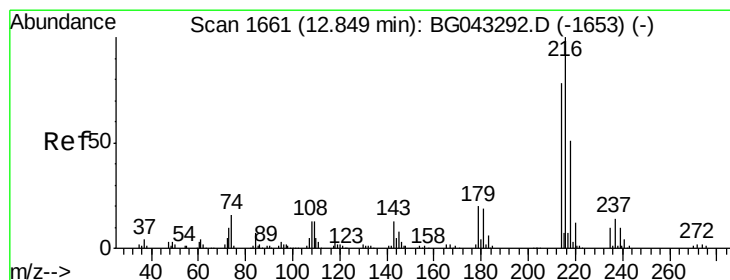
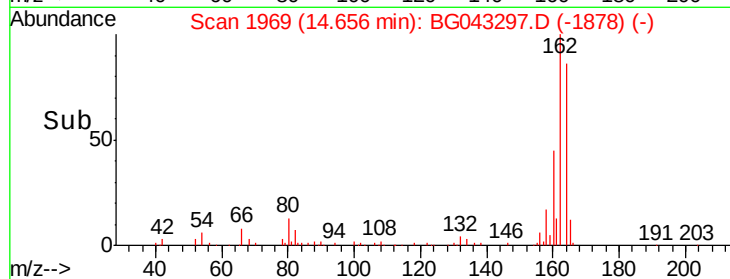
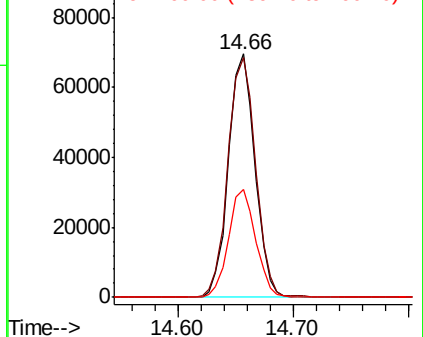
160 44.1 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.032 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion:216 Resp: 167810

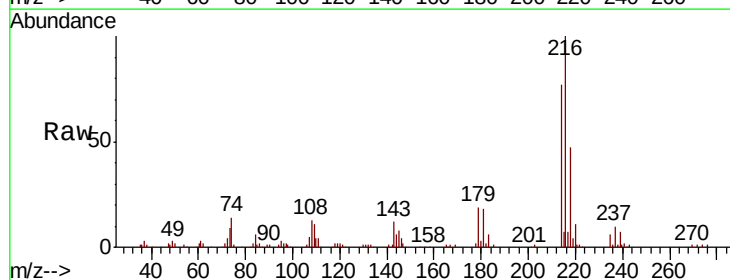
Ion Ratio Lower Upper

216 100

214 77.1 63.5 95.3

179 19.3 16.2 24.2

108 14.3 11.2 16.8

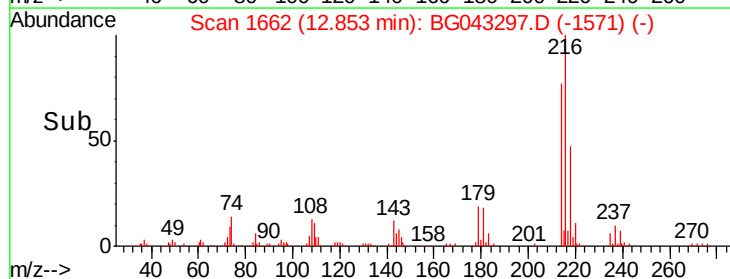
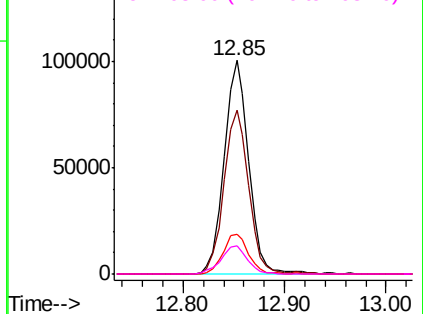


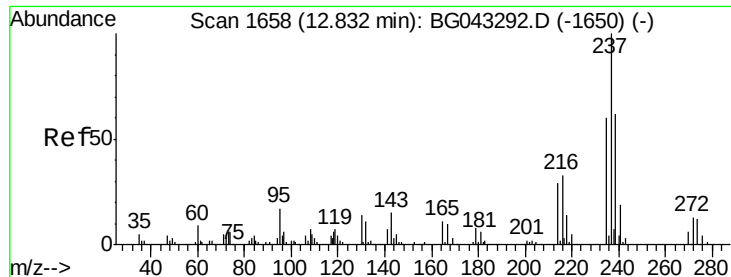
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.552 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

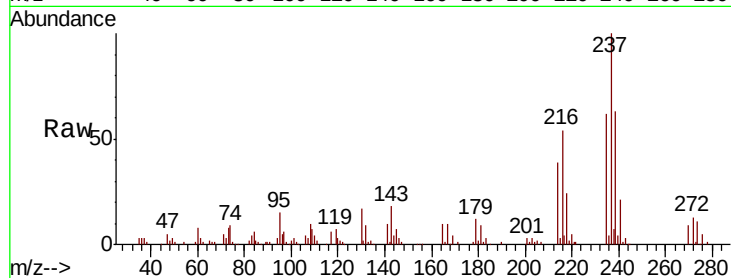
Tot Ion:237 Resp: 84972

Ion Ratio Lower Upper

237 100

235 61.6 40.3 80.3

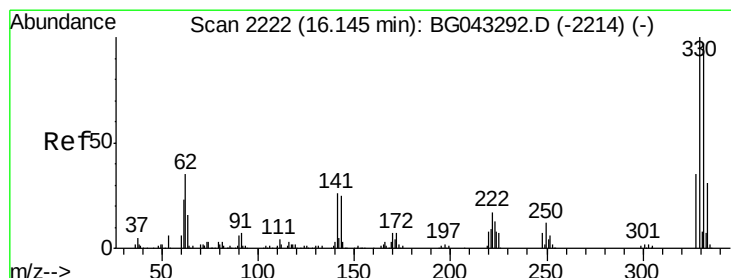
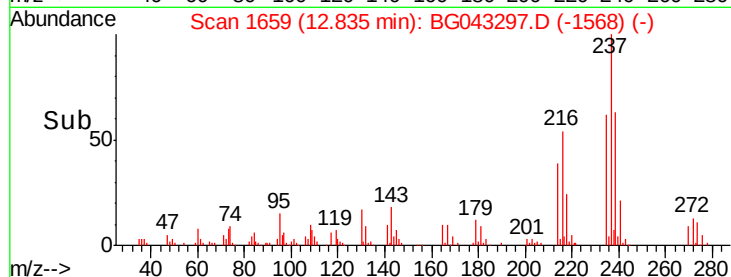
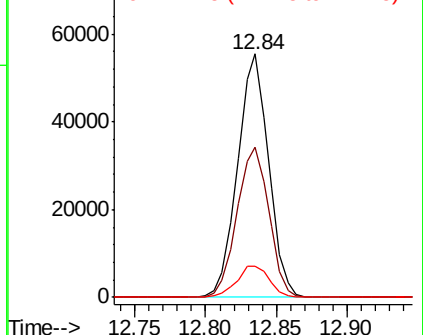
272 12.9 0.0 32.9



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: 83.385 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

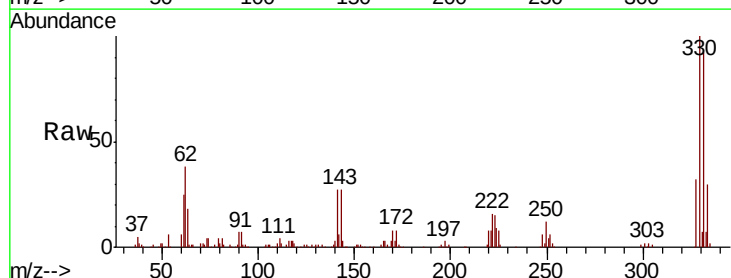
Tgt Ion:330 Resp: 175357

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

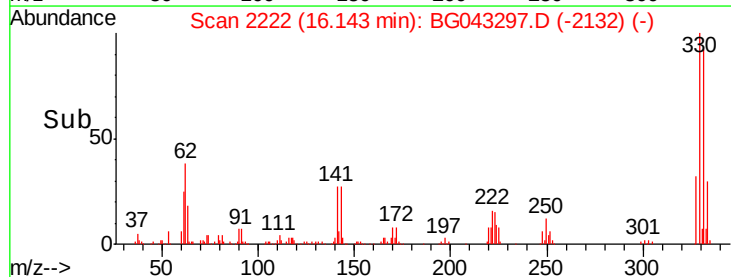
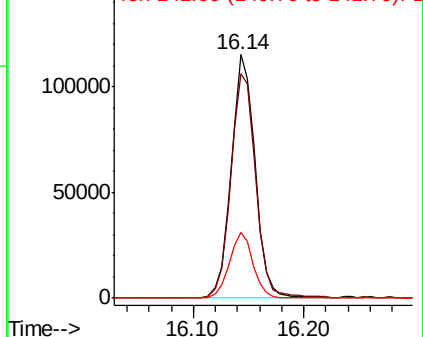
141 26.5 21.4 32.0

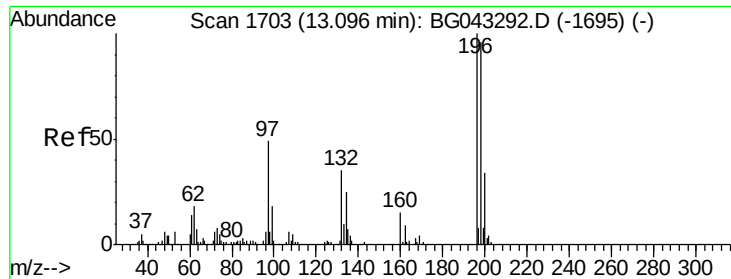


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

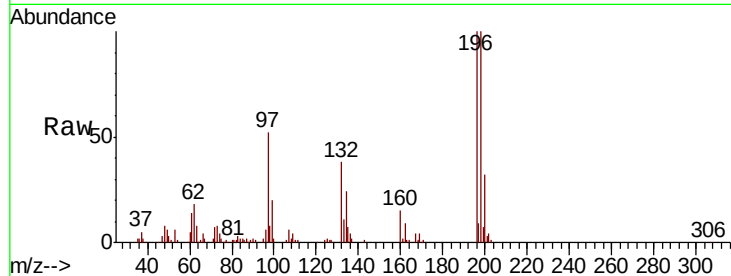




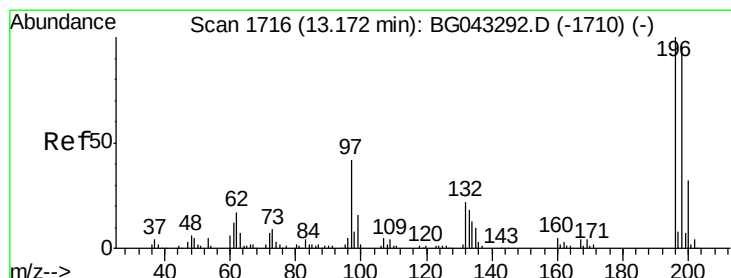
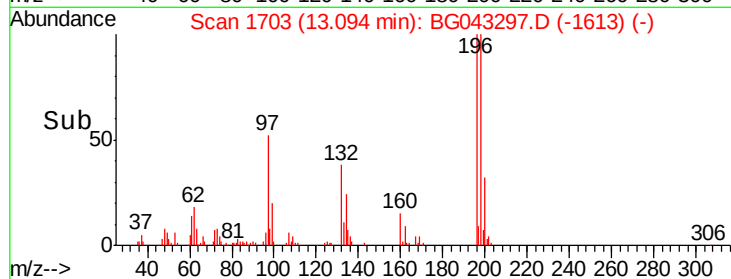
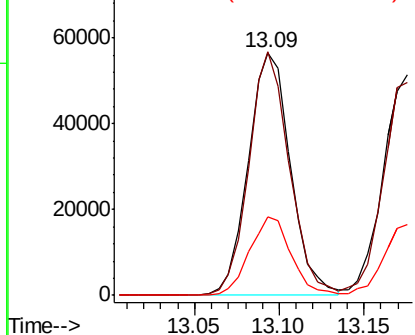
#43
 2,4,6-Trichlorophenol
 Concen: 40.774 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

Tot Ion:196 Resp: 98203
 Ion Ratio Lower Upper
 196 100
 198 100.3 77.0 115.4
 200 32.4 27.4 41.2

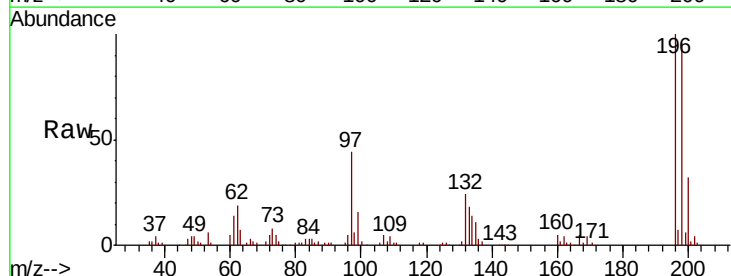


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

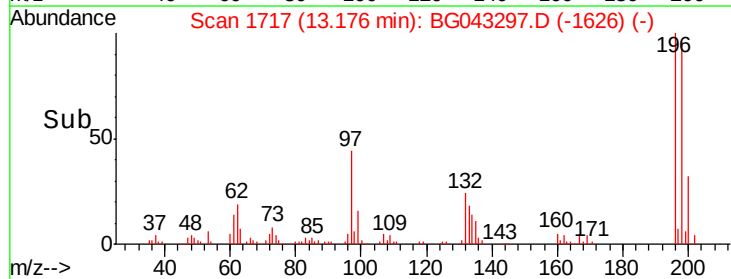
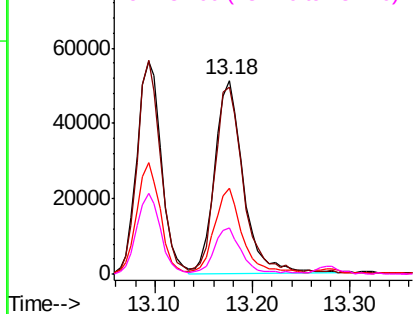


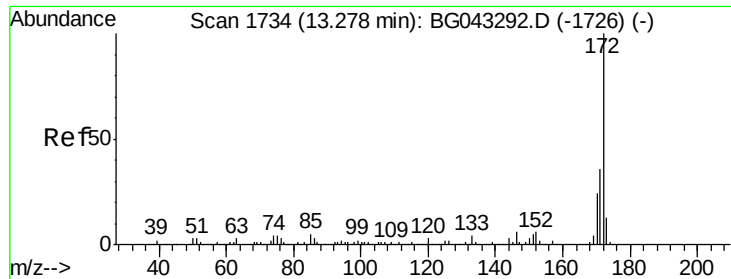
#44
 2,4,5-Trichlorophenol
 Concen: 42.543 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Tgt Ion:196 Resp: 103590
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.6 114.8
 97 44.3 34.1 51.1
 132 23.6 18.2 27.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

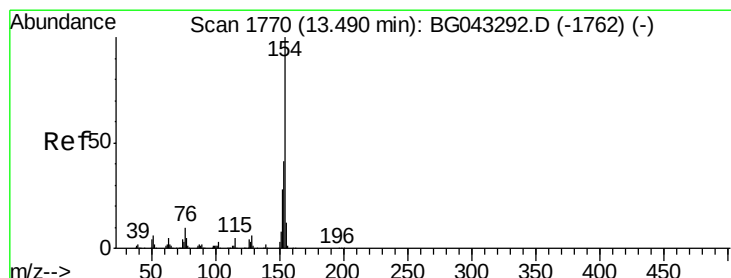
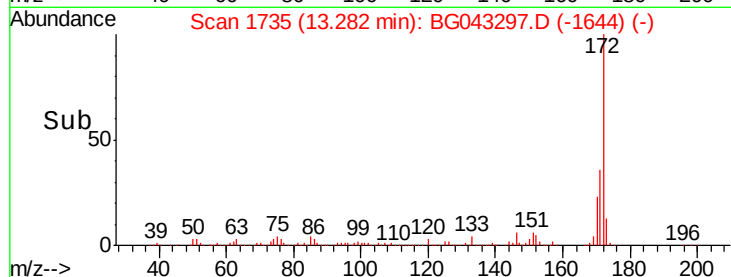
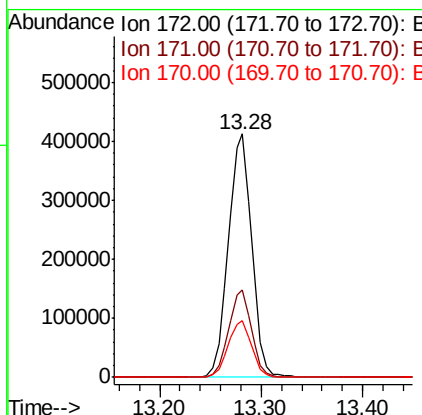
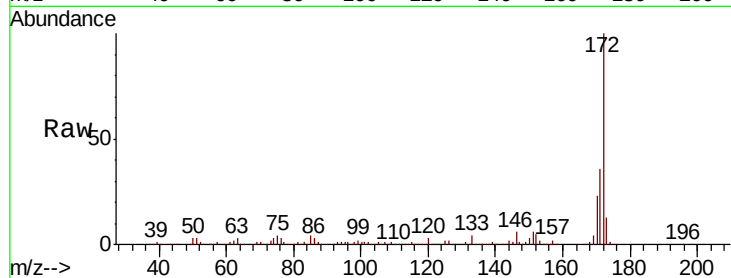




#45
2-Fluorobiphenyl
Concen: 82.173 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

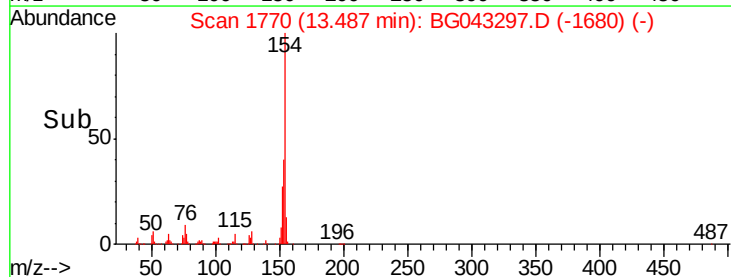
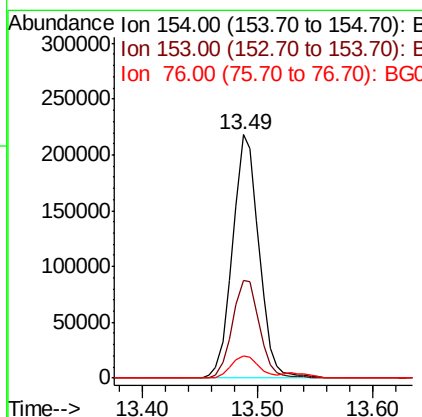
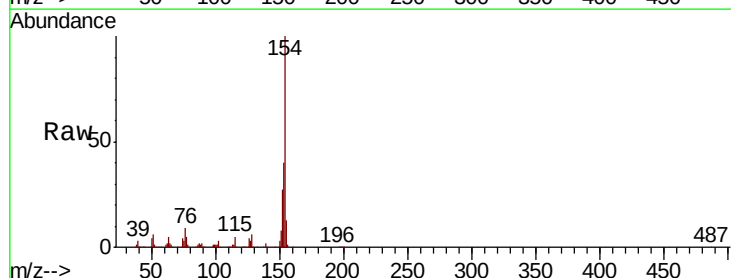
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

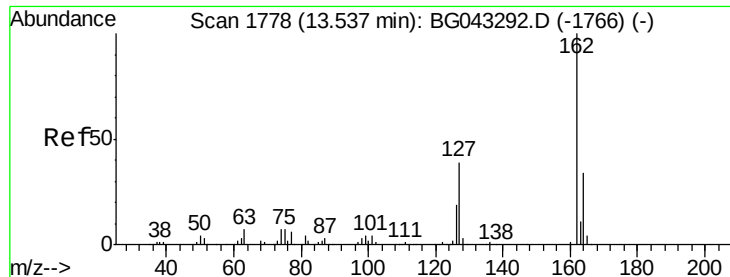
Tot Ion:172 Resp: 657171
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 41.120 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:154 Resp: 345690
Ion Ratio Lower Upper
154 100
153 40.3 21.0 61.0
76 9.1 0.0 29.8





#47

2-Chloronaphthalene

Concen: 40.772 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

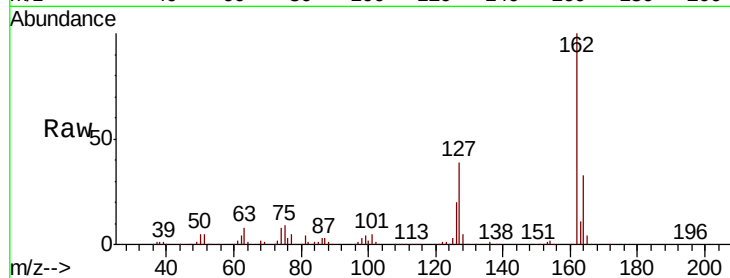
Tot Ion:162 Resp: 260799

Ion Ratio Lower Upper

162 100

127 39.2 31.3 46.9

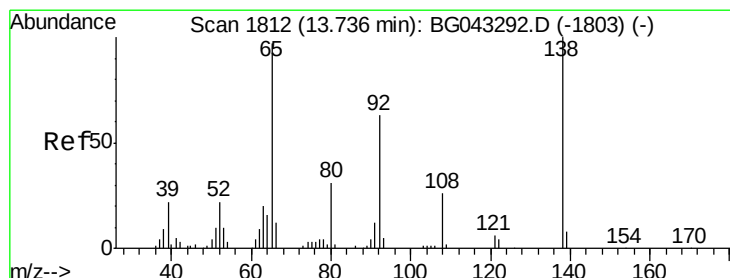
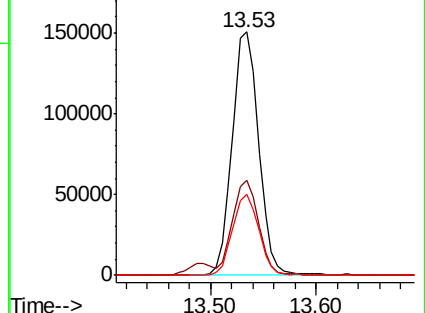
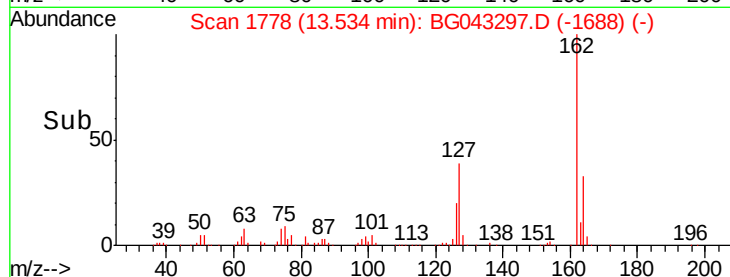
164 33.3 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.614 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

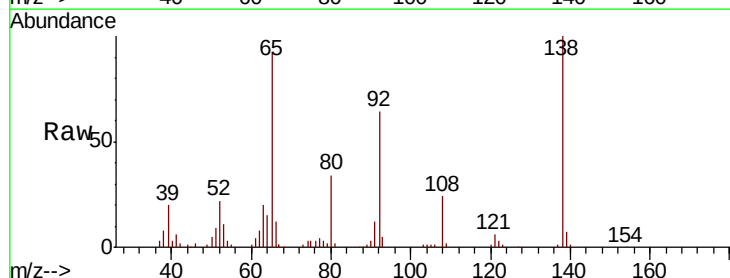
Tgt Ion: 65 Resp: 79558

Ion Ratio Lower Upper

65 100

92 69.0 52.6 79.0

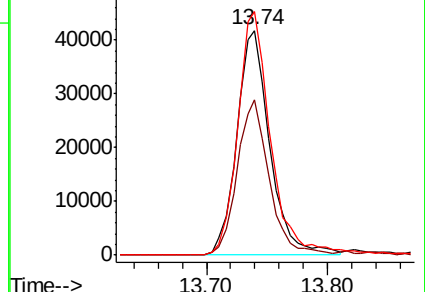
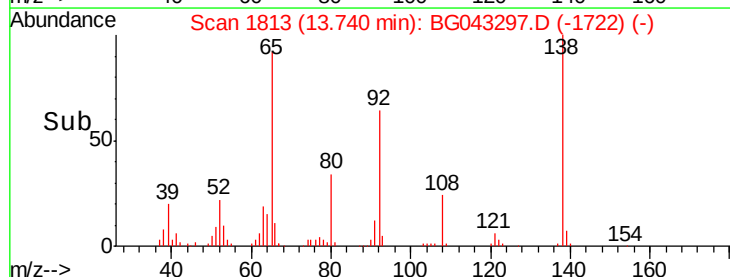
138 108.3 82.9 124.3

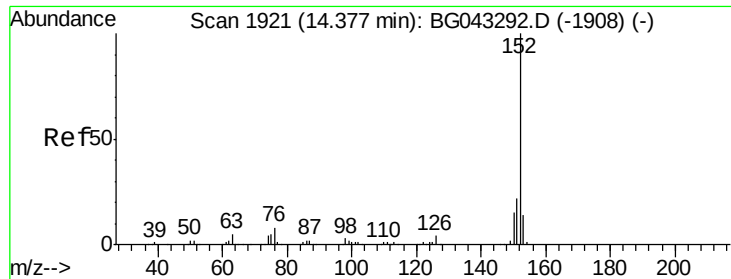


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.604 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

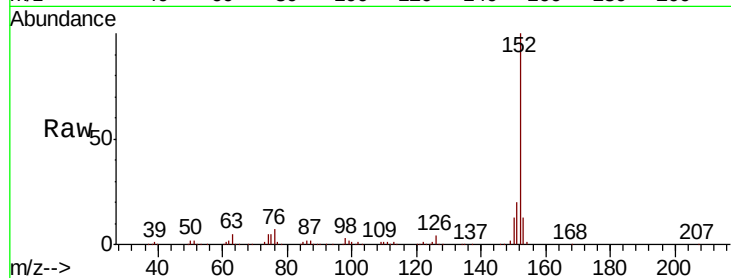
BNA_G

ClientSampleId :

ICVBG102119

Tot Ion:152 Resp: 414183

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	13.0	11.0	16.6

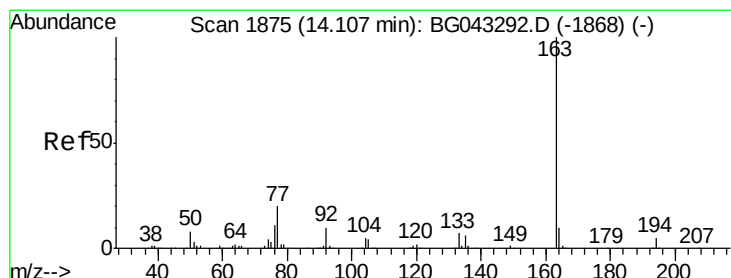
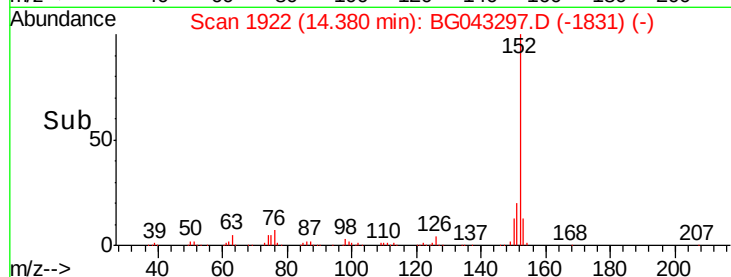
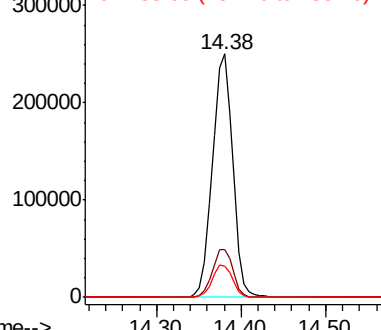


Abundance

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: 41.557 ng

RT: 14.11 min Scan# 1876

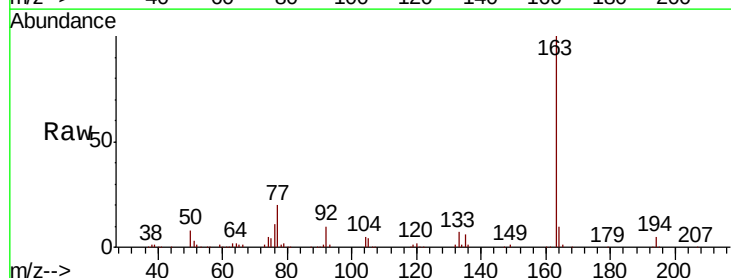
Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion:163 Resp: 355716

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.7	5.5
164	9.8	8.1	12.1

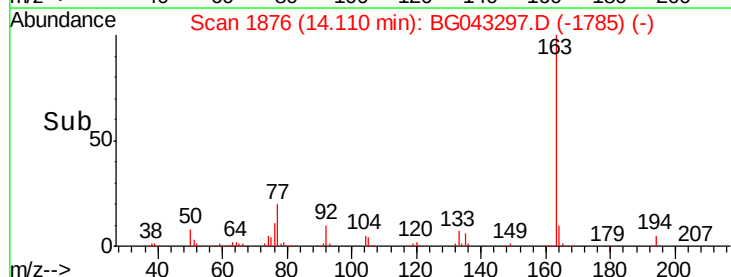
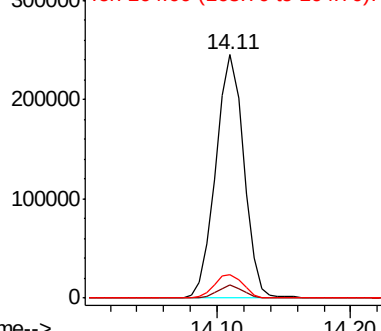


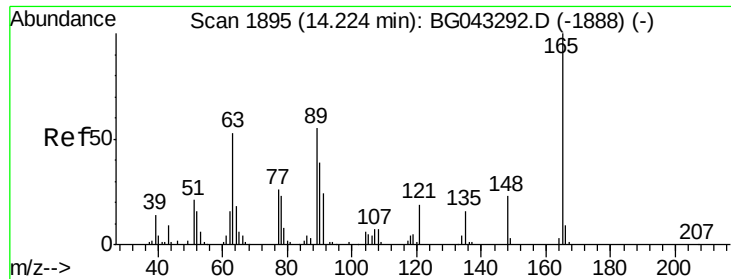
Abundance

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

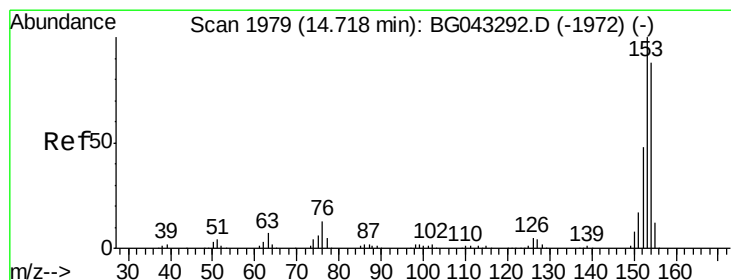
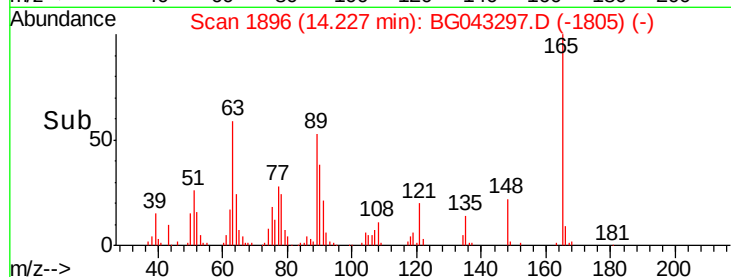
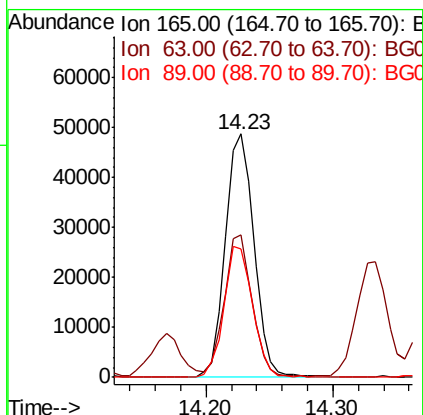
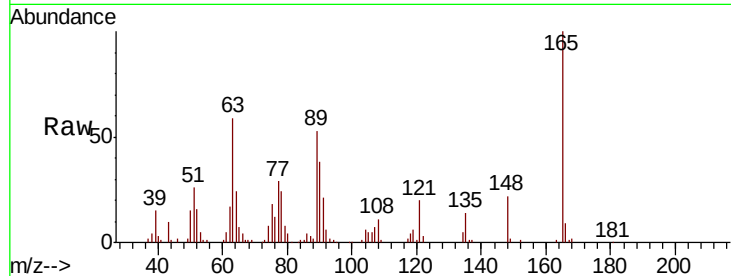




#51
 2,6-Dinitrotoluene
 Concen: 41.012 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

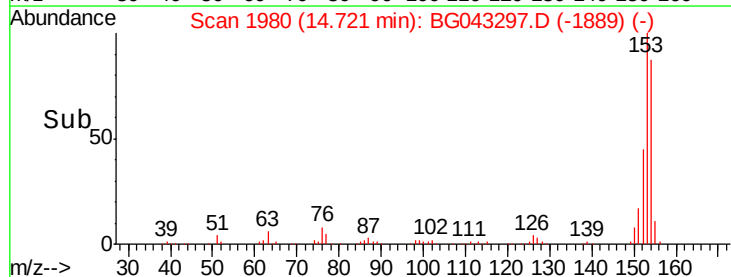
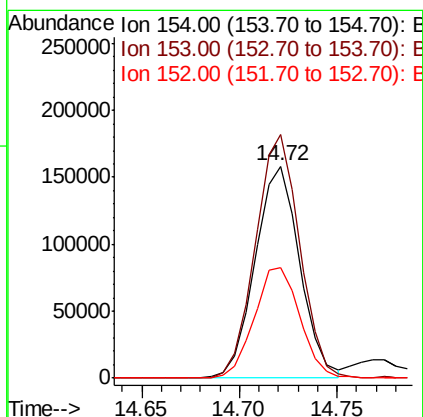
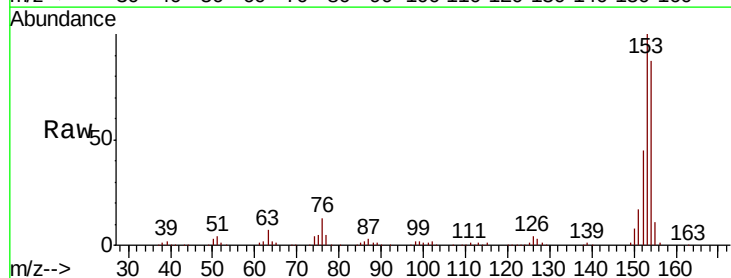
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

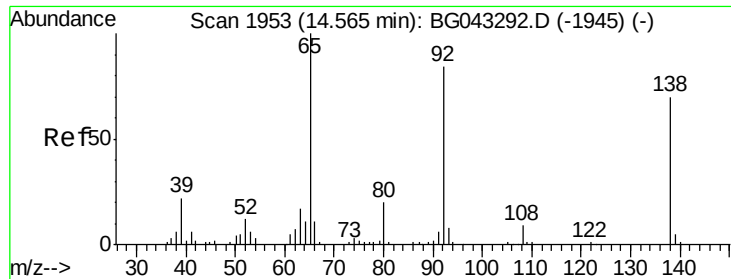
Tot Ion:165 Resp: 76264
 Ion Ratio Lower Upper
 165 100
 63 58.5 47.1 70.7
 89 52.9 43.7 65.5



#52
 Acenaphthene
 Concen: 41.132 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Tgt Ion:154 Resp: 249715
 Ion Ratio Lower Upper
 154 100
 153 114.9 90.9 136.3
 152 52.1 43.9 65.9





#53

3-Nitroaniline

Concen: 42.635 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

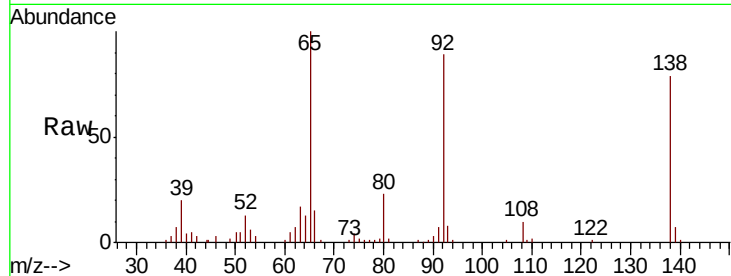
Tot Ion:138 Resp: 76545

Ion Ratio Lower Upper

138 100

108 12.6 9.8 14.6

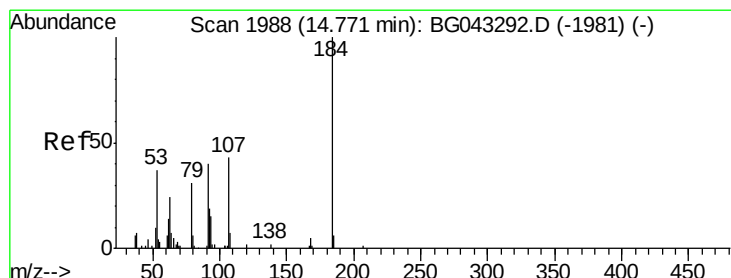
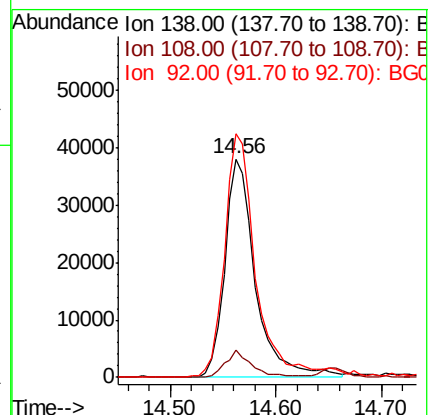
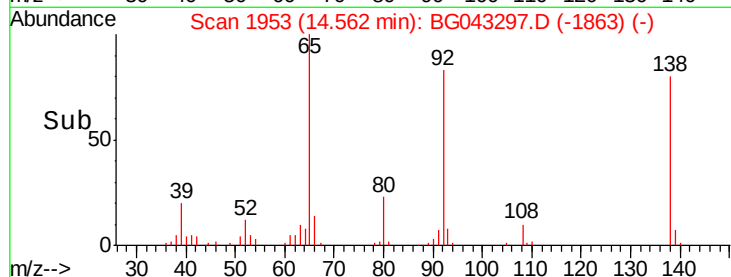
92 111.4 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.304 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

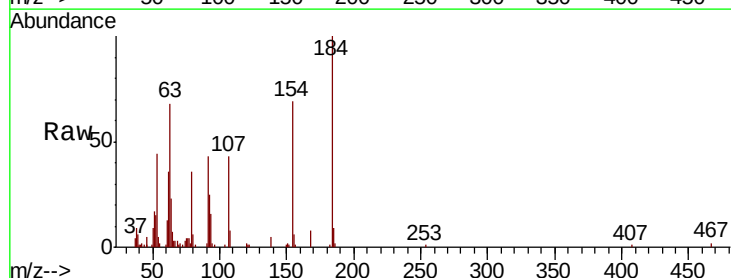
Tgt Ion:184 Resp: 42185

Ion Ratio Lower Upper

184 100

63 67.5 48.8 73.2

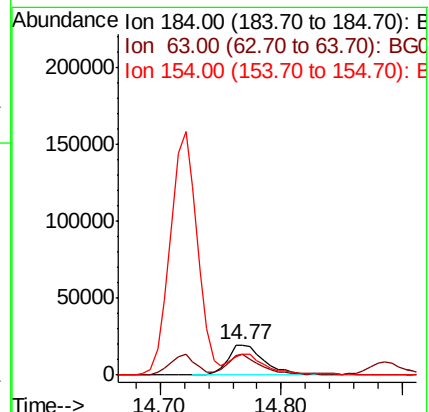
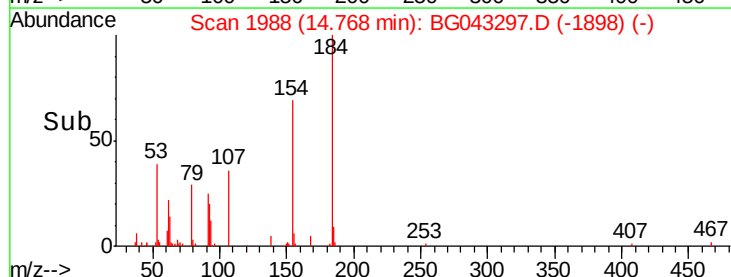
154 68.6 49.4 74.0

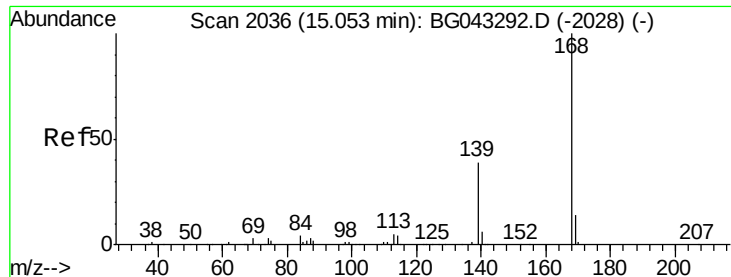


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

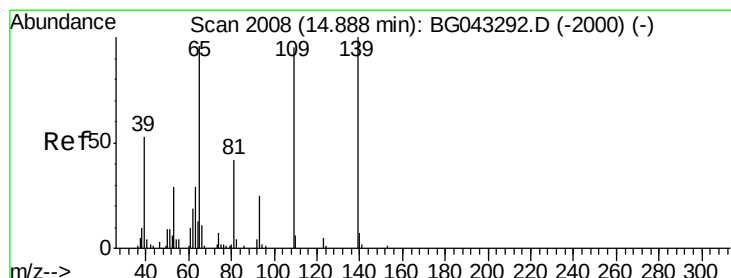
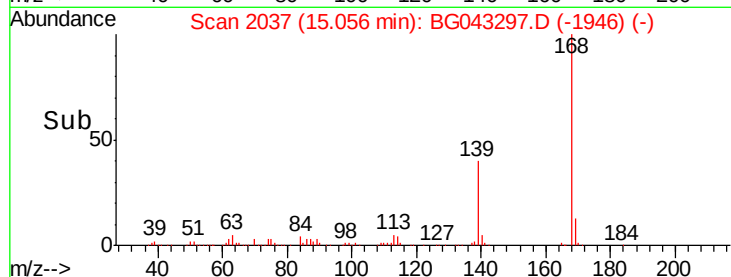
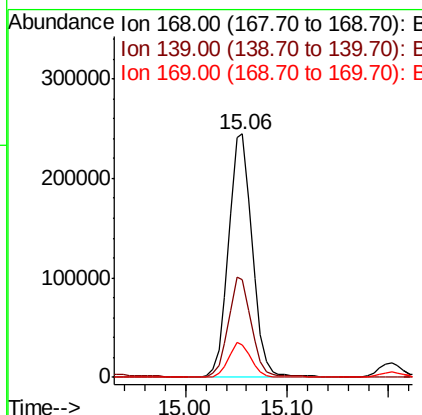
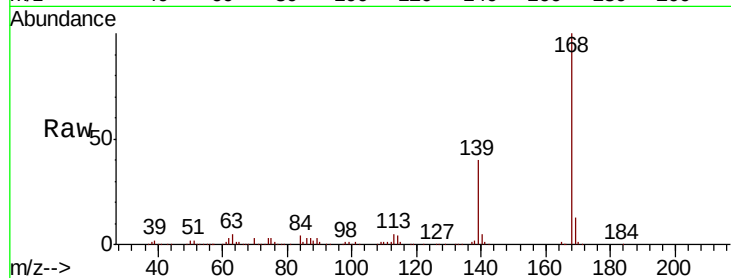




#55
Dibenzenofuran
Concen: 40.393 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

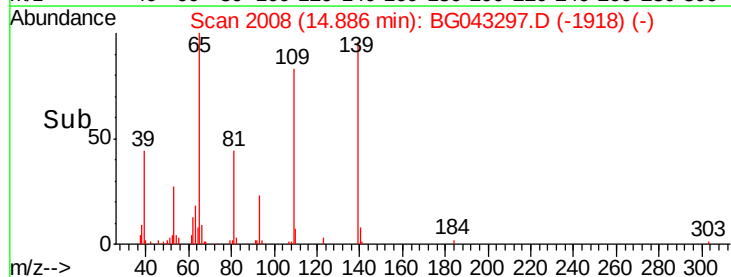
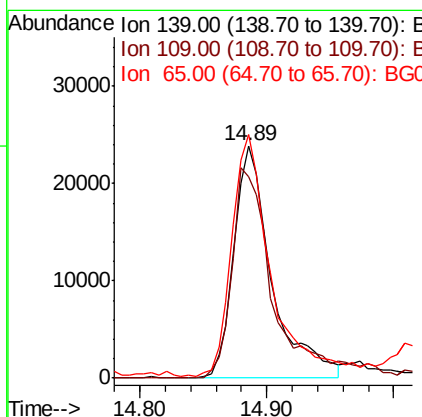
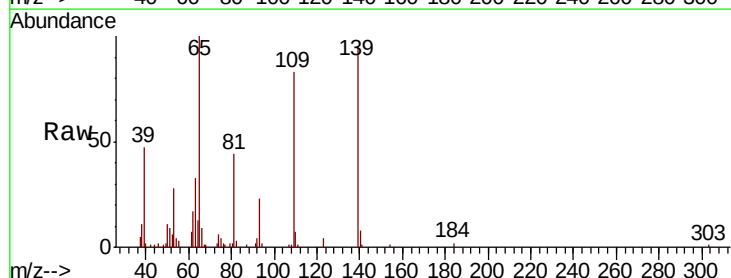
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

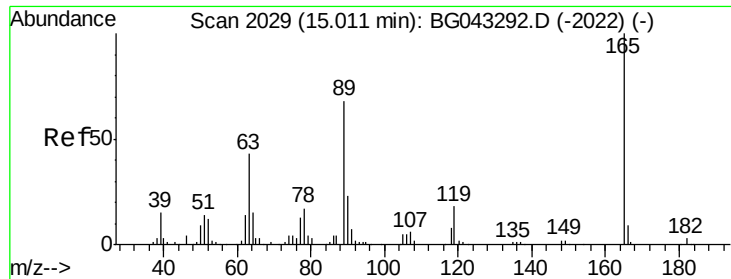
Tot Ion:168 Resp: 397677
Ion Ratio Lower Upper
168 100
139 40.1 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 41.198 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:139 Resp: 49567
Ion Ratio Lower Upper
139 100
109 86.8 75.4 115.4
65 104.9 76.6 116.6

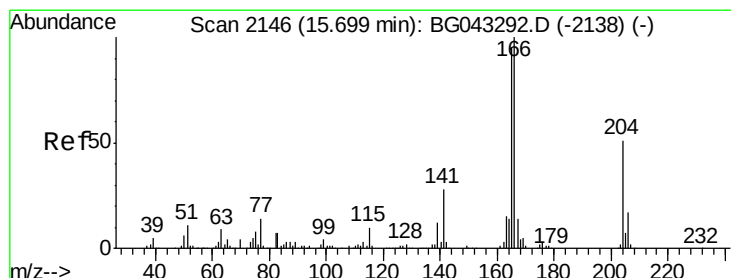
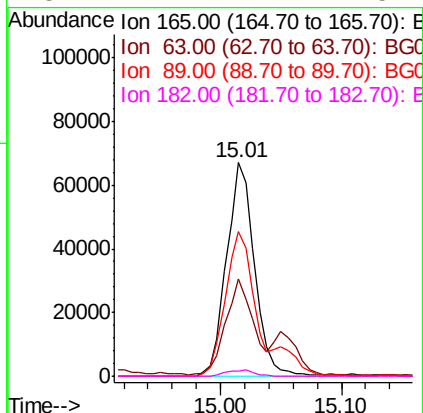
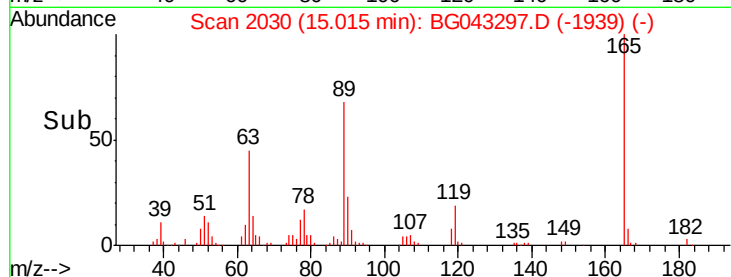
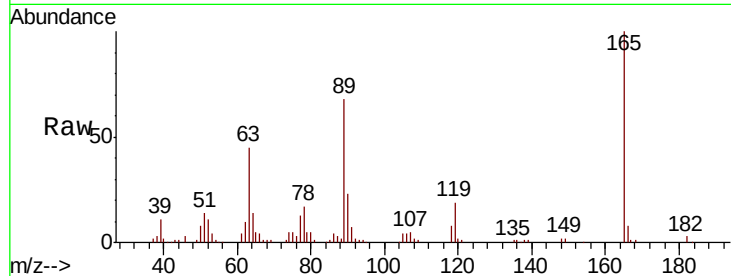




#57
2,4-Dinitrotoluene
Concen: 40.780 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

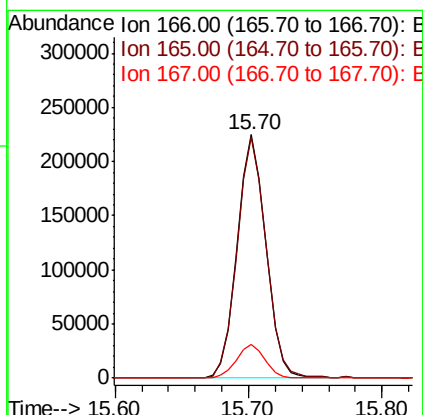
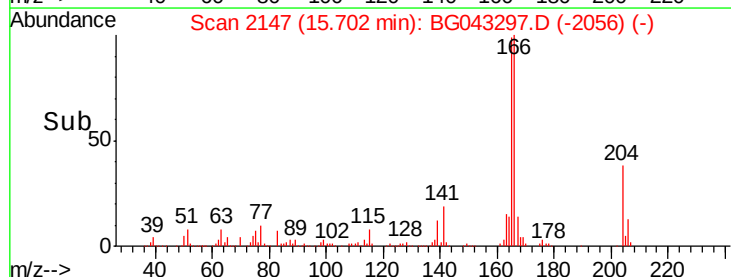
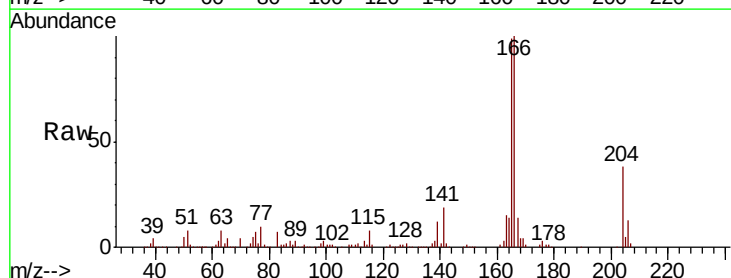
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

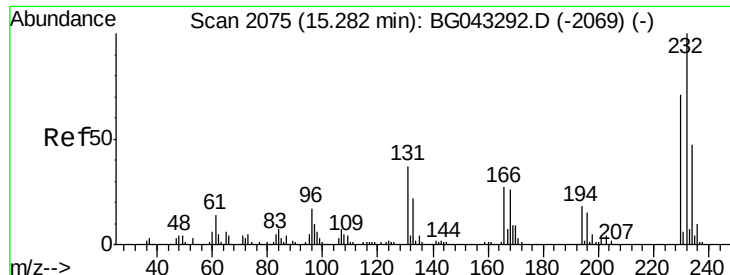
Tot Ion:165 Resp: 108375
Ion Ratio Lower Upper
165 100
63 45.4 35.0 52.6
89 67.7 54.1 81.1
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.591 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:166 Resp: 335178
Ion Ratio Lower Upper
166 100
165 99.2 76.4 114.6
167 14.0 11.1 16.7

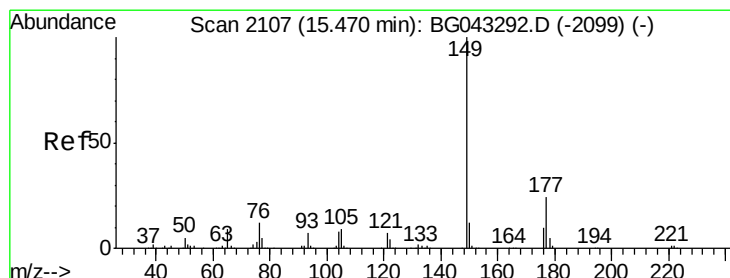
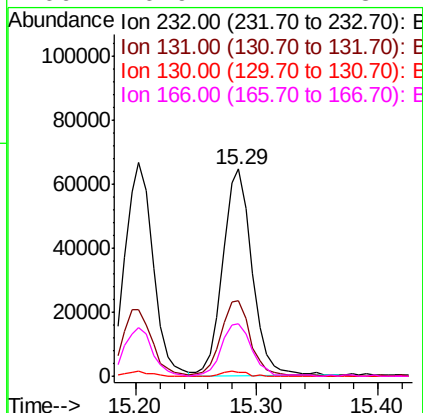
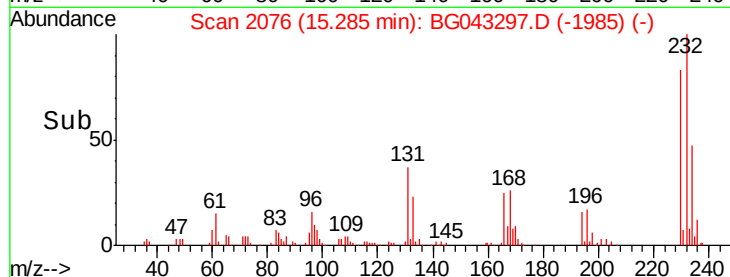
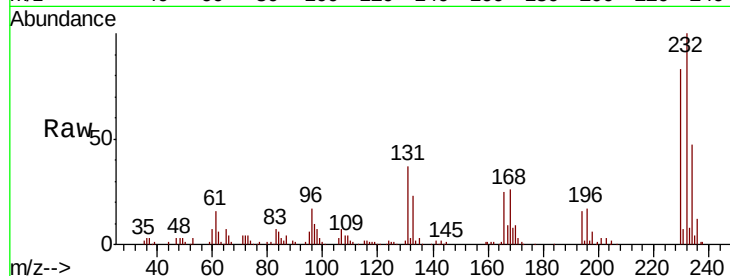




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.740 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

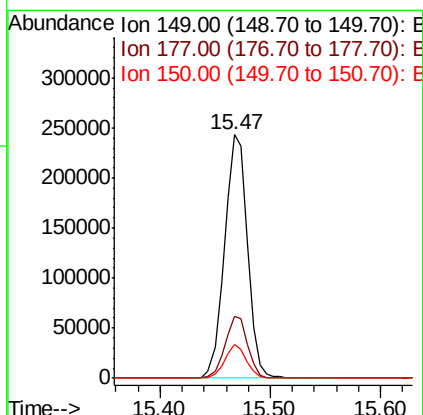
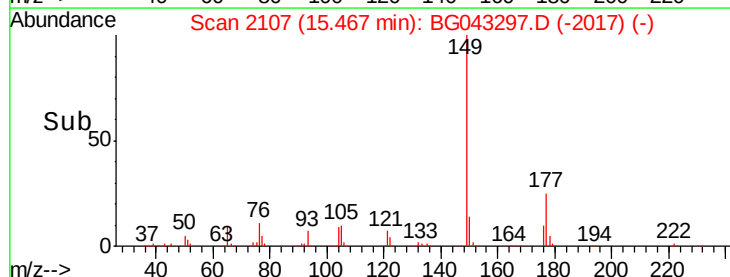
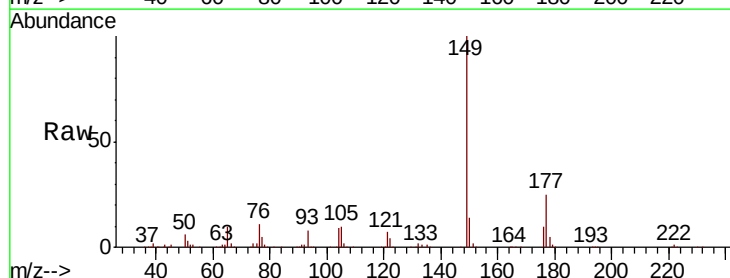
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

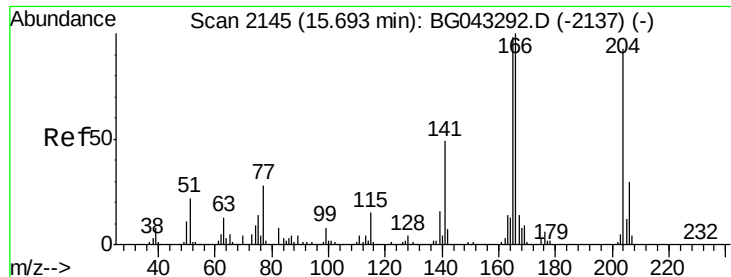
Tot Ion:232 Resp: 107981
Ion Ratio Lower Upper
232 100
131 35.9 28.7 43.1
130 2.1 0.6 0.8#
166 26.9 21.1 31.7



#60
Diethylphthalate
Concen: 40.961 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:149 Resp: 352291
Ion Ratio Lower Upper
149 100
177 25.2 19.0 28.4
150 13.9 9.4 14.0

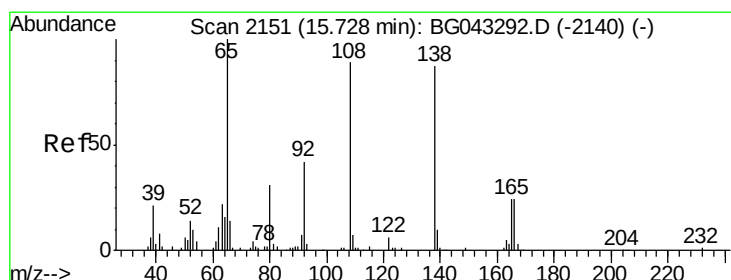
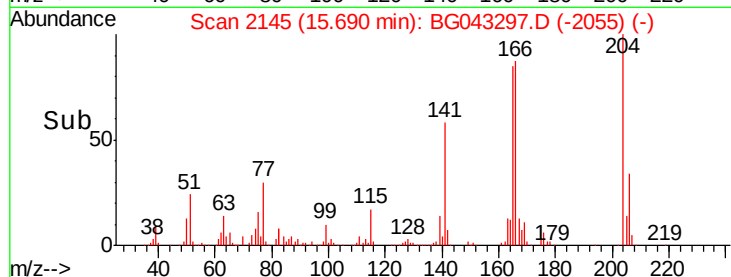
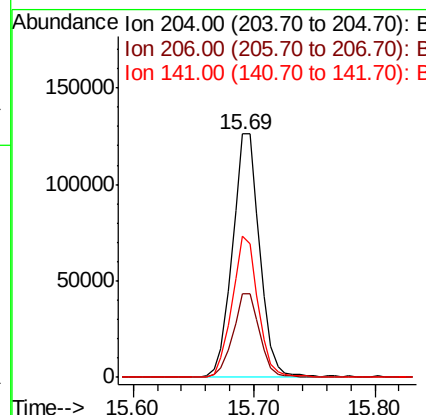
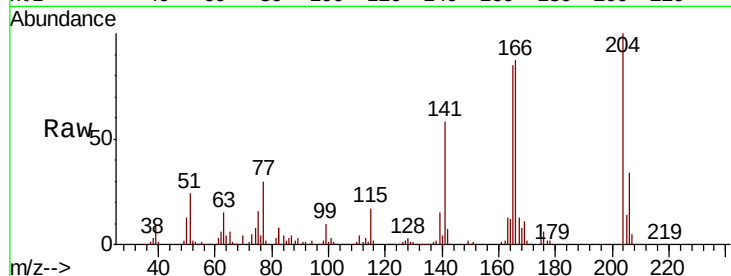




#61
4-Chlorophenyl-phenylether
Concen: 41.096 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

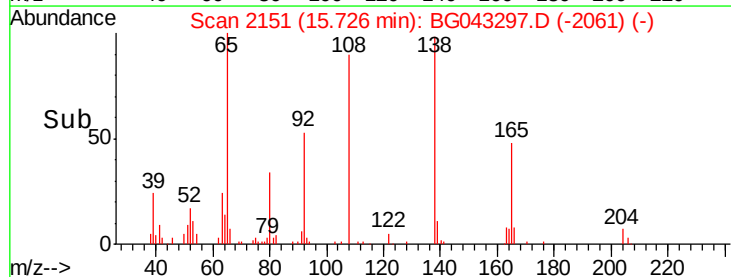
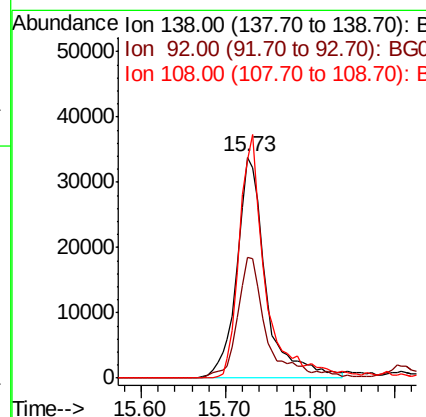
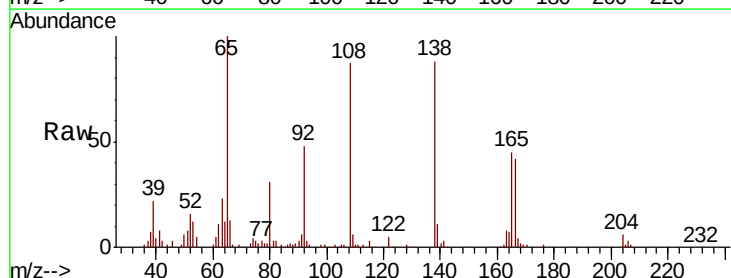
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

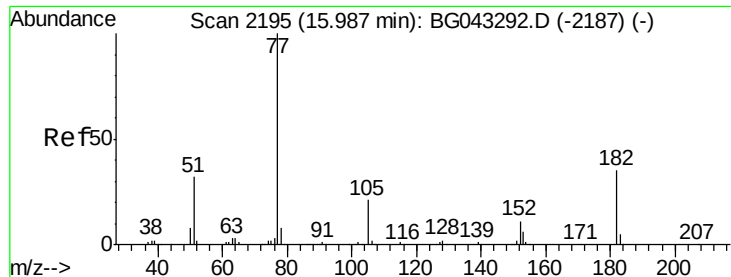
Tot Ion:204 Resp: 197962
Ion Ratio Lower Upper
204 100
206 34.4 25.7 38.5
141 58.1 42.3 63.5



#62
4-Nitroaniline
Concen: 43.146 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:138 Resp: 79999
Ion Ratio Lower Upper
138 100
92 54.7 28.8 68.8
108 98.4 82.7 122.7





#63

Azobenzene

Concen: 41.608 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

Tot Ion: 77 Resp: 289618

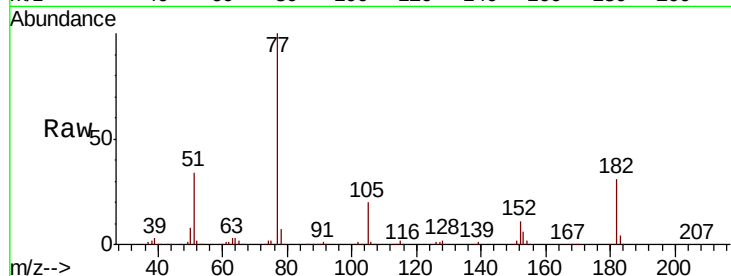
Ion Ratio Lower Upper

77 100

182 31.5 14.9 54.9

105 19.8 0.6 40.6

51 33.7 12.5 52.5

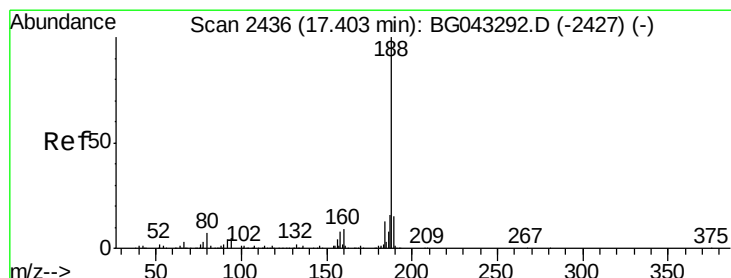
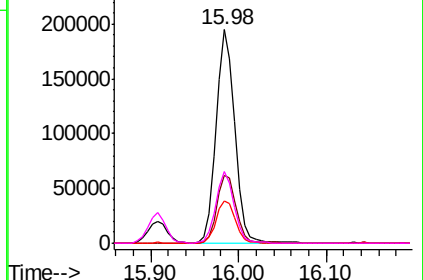
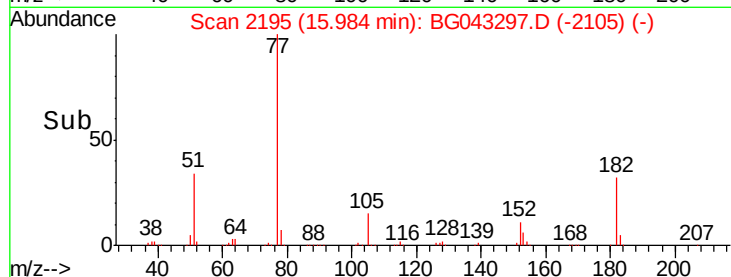


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

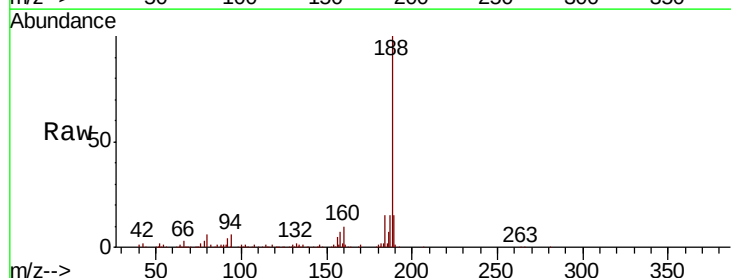
Tgt Ion: 188 Resp: 257246

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.2

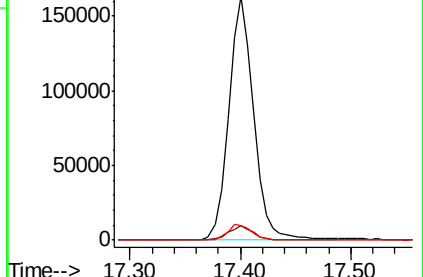
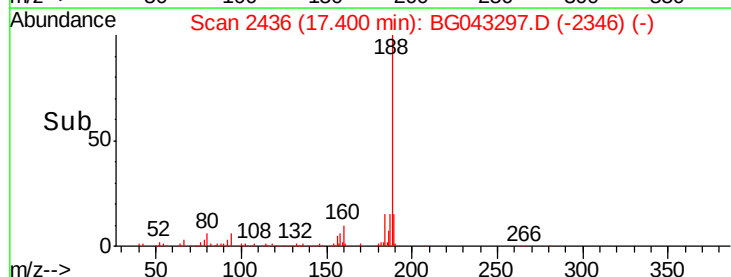
80 6.0 5.2 7.8

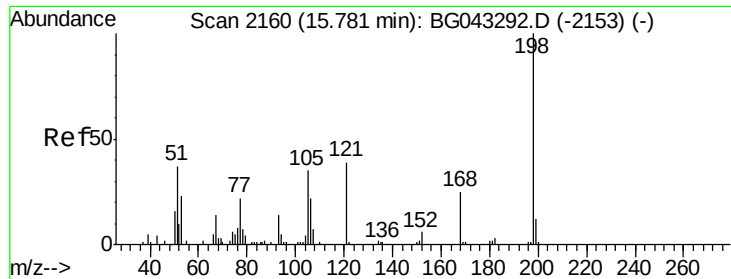


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 42.786 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

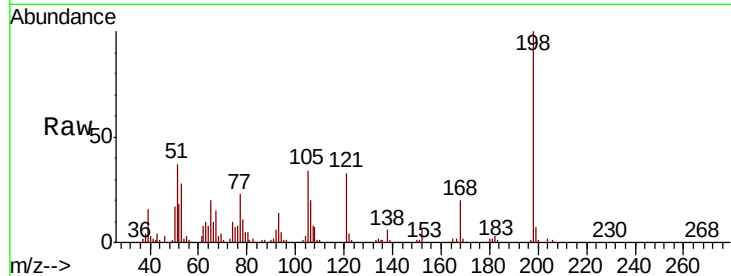
BNA_G

ClientSampleId :

ICVBG102119

Tot Ion:198 Resp: 64773

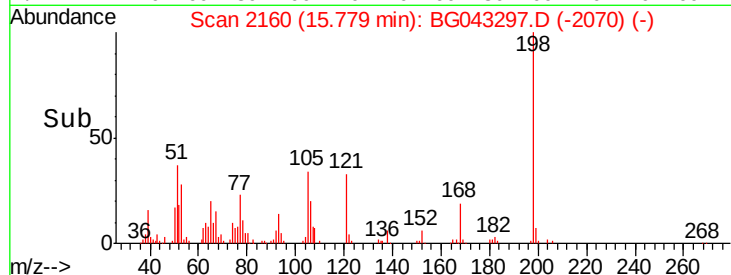
Ion	Ratio	Lower	Upper
198	100		
51	37.0	21.4	61.4
105	34.2	16.5	56.5



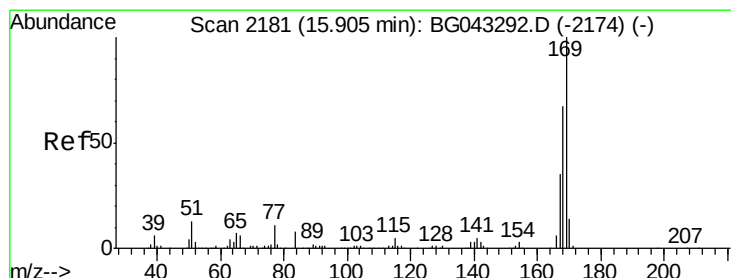
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043297.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.657 ng

RT: 15.91 min Scan# 2182

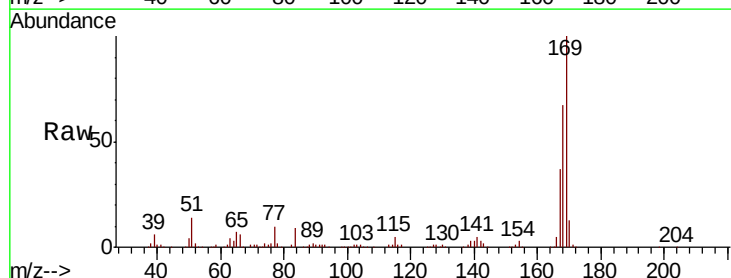
Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion:169 Resp: 295283

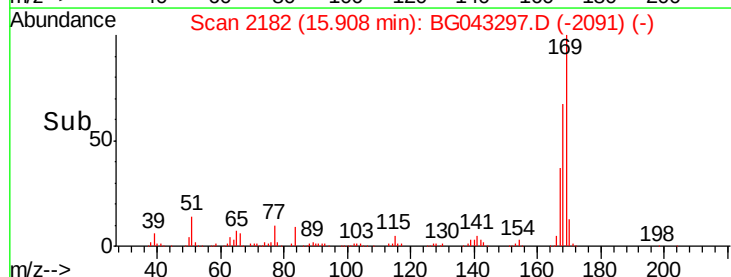
Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.9	80.9
167	36.8	28.3	42.5



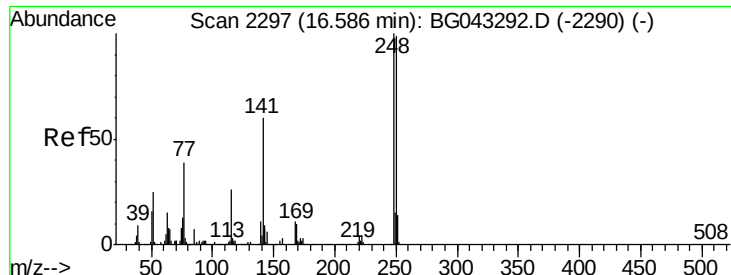
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



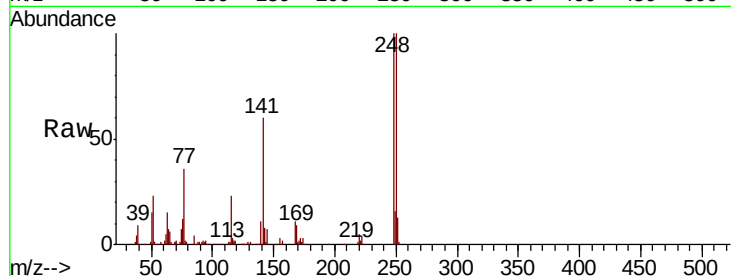
Time-->



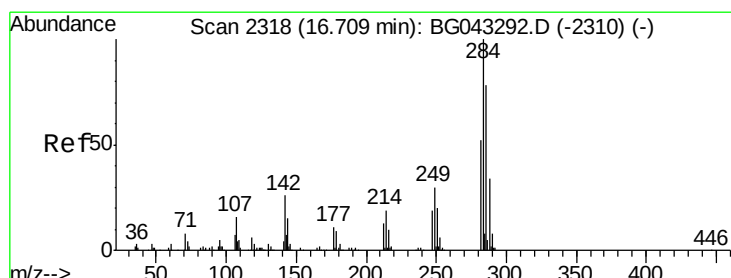
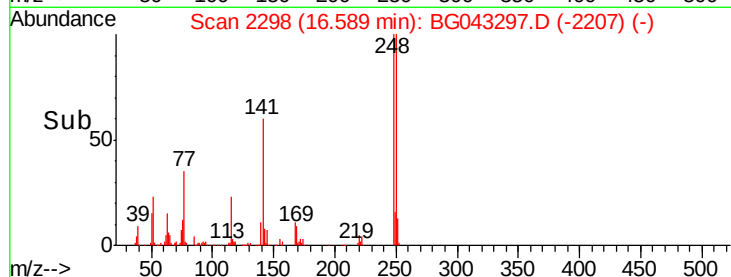
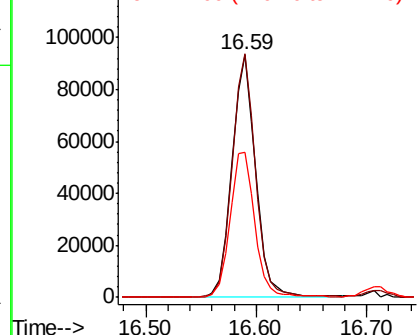
#67
4-Bromophenyl-phenylether
Concen: 40.835 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Instrument :
BNA_G
ClientSampleId :
ICVBG102119

Tot Ion:248 Resp: 141370
Ion Ratio Lower Upper
248 100
250 100.4 79.3 118.9
141 60.0 47.9 71.9

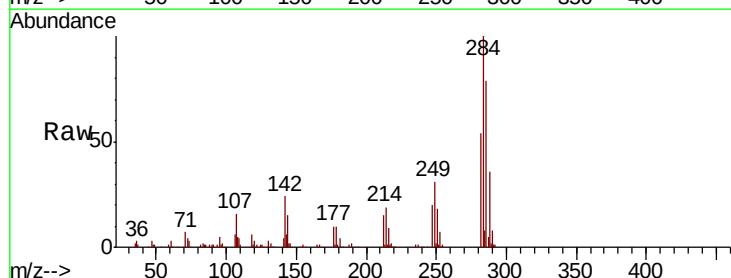


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

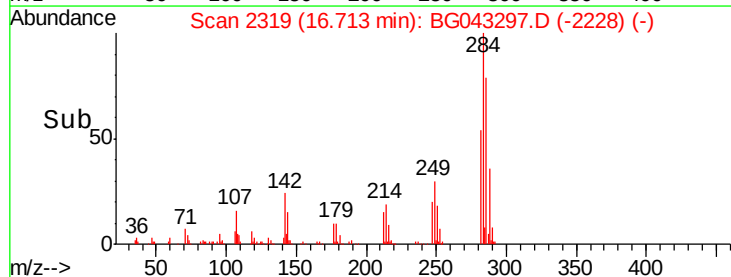
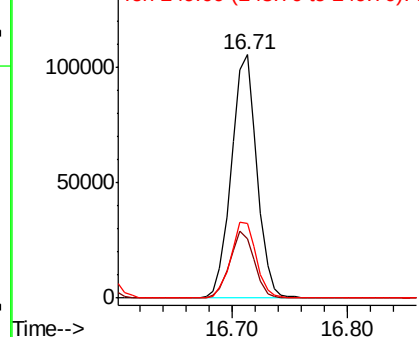


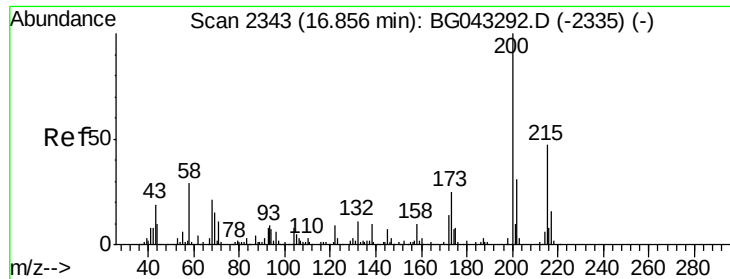
#68
Hexachlorobenzene
Concen: 40.419 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion:284 Resp: 160621
Ion Ratio Lower Upper
284 100
142 24.2 21.1 31.7
249 30.6 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: 40.029 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

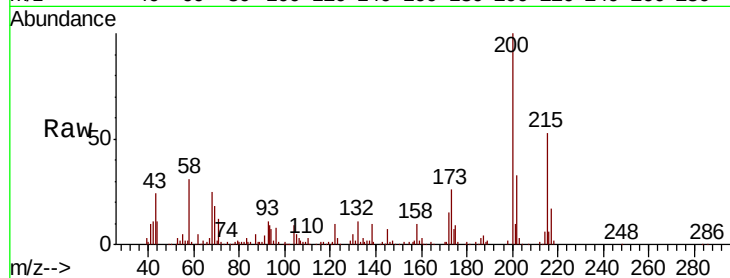
Tot Ion:200 Resp: 101019

Ion Ratio Lower Upper

200 100

173 25.7 5.1 45.1

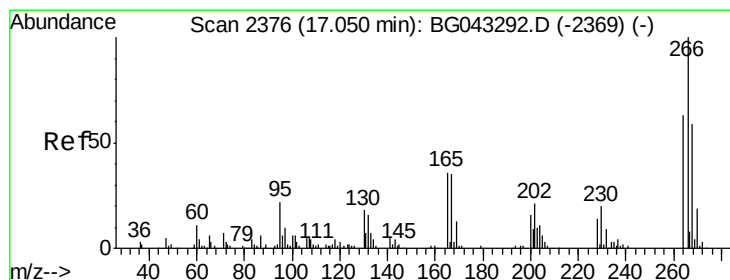
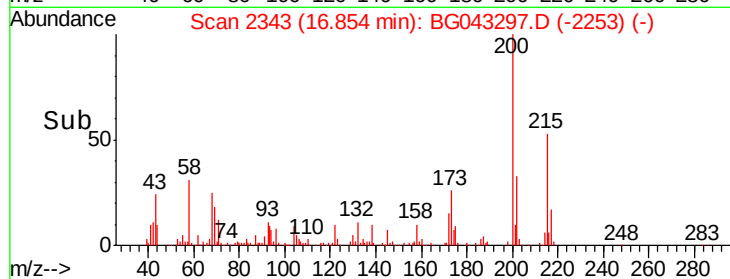
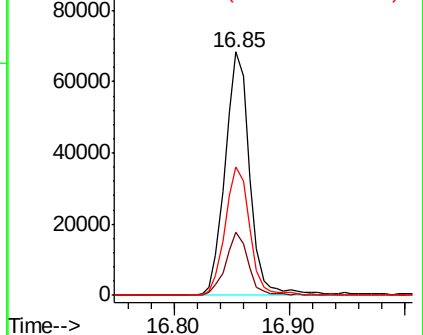
215 52.8 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.437 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

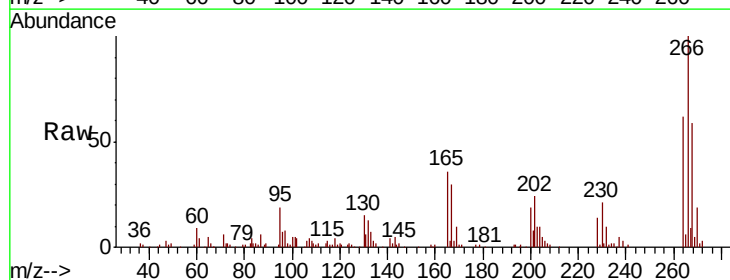
Tgt Ion:266 Resp: 76842

Ion Ratio Lower Upper

266 100

268 58.8 47.1 70.7

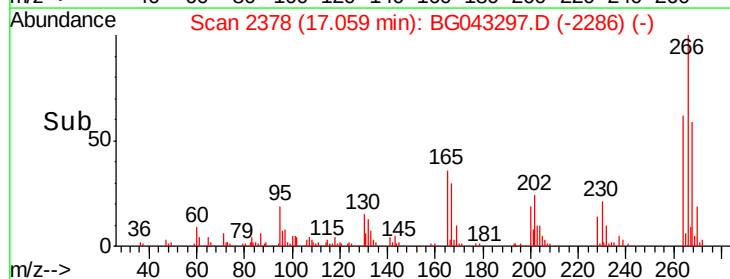
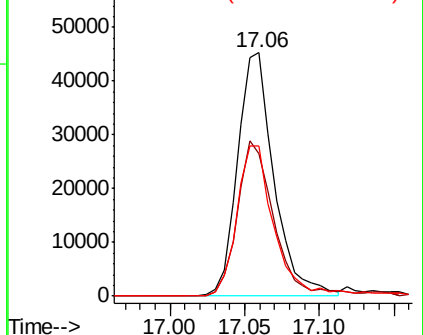
264 61.8 50.4 75.6

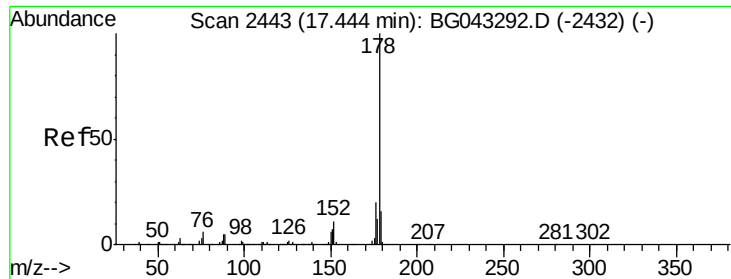


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.269 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

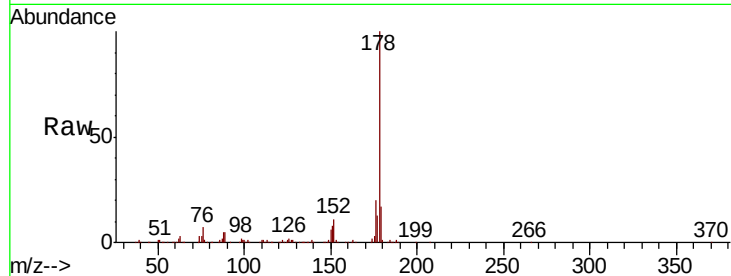
Tot Ion:178 Resp: 543635

Ion Ratio Lower Upper

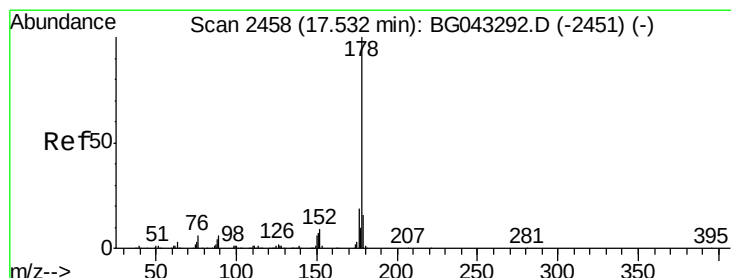
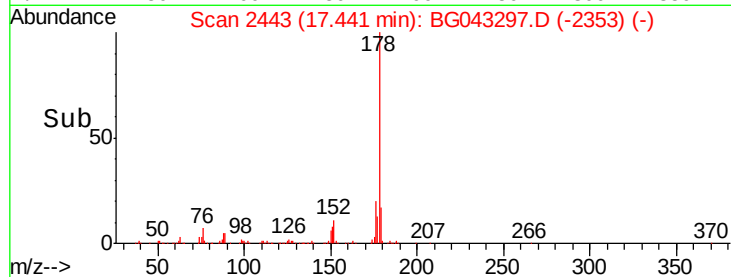
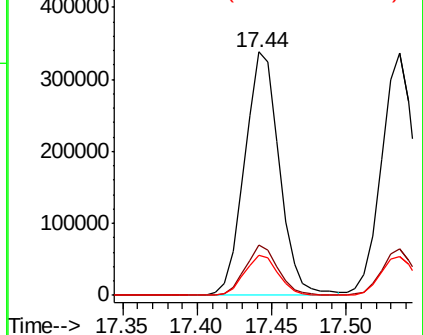
178 100

176 20.4 15.8 23.8

179 16.7 13.1 19.7



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



#72

Anthracene

Concen: 40.992 ng

RT: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

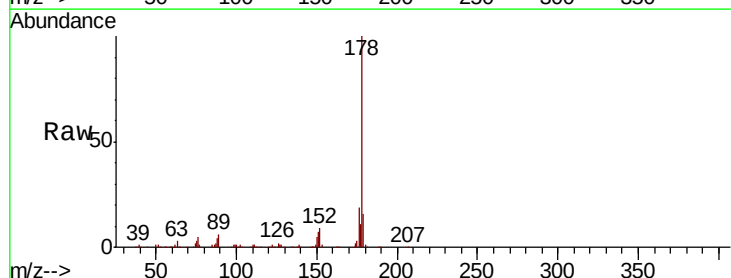
Tgt Ion:178 Resp: 540267

Ion Ratio Lower Upper

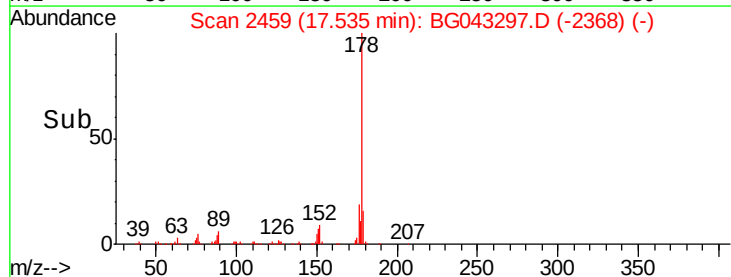
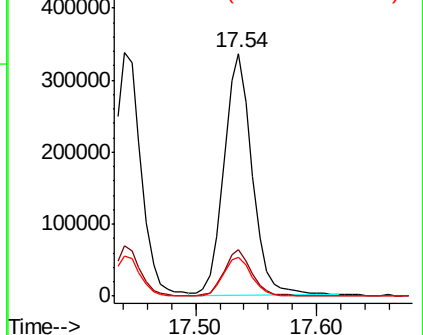
178 100

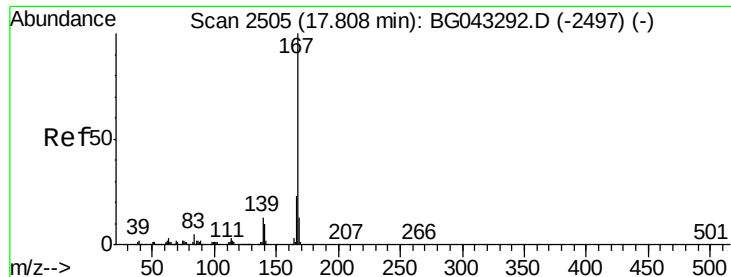
176 19.3 15.1 22.7

179 16.0 13.0 19.6



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





#73

Carbazole

Concen: 41.807 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

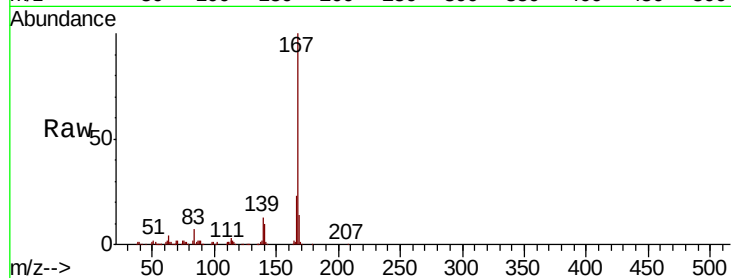
Tot Ion:167 Resp: 498982

Ion Ratio Lower Upper

167 100

166 22.5 18.4 27.6

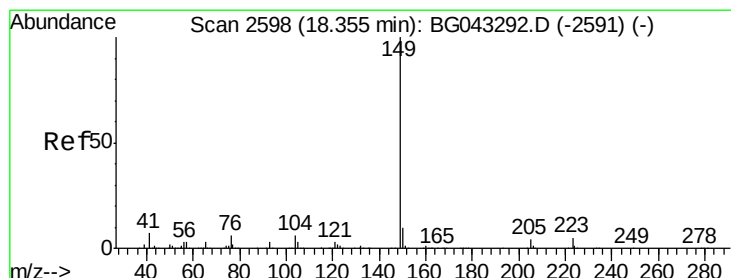
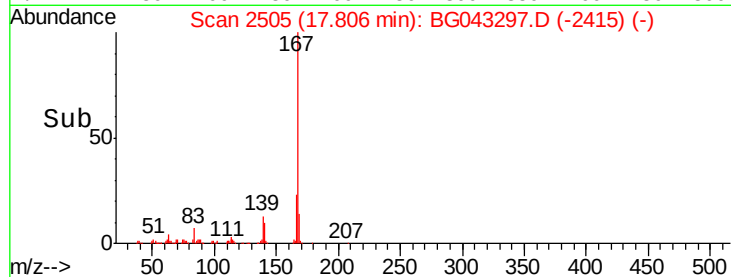
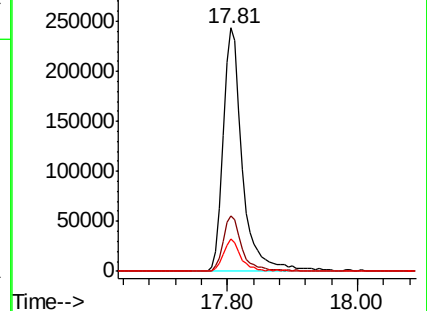
139 13.1 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.663 ng

RT: 18.36 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

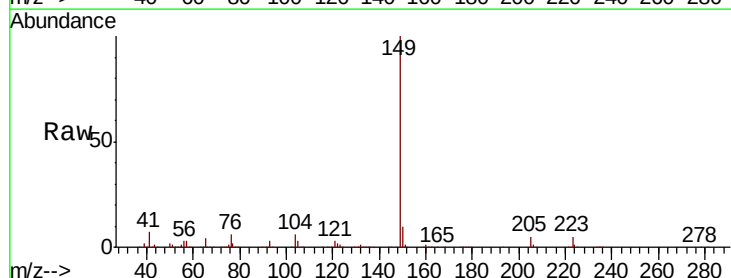
Tgt Ion:149 Resp: 603351

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

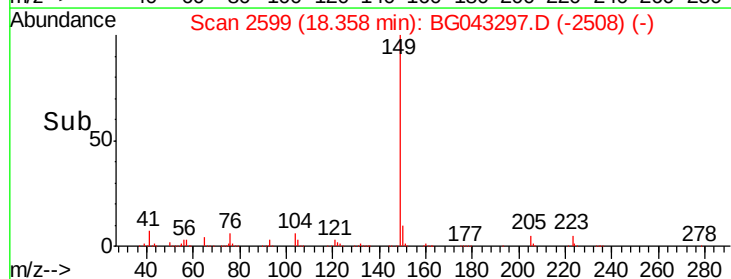
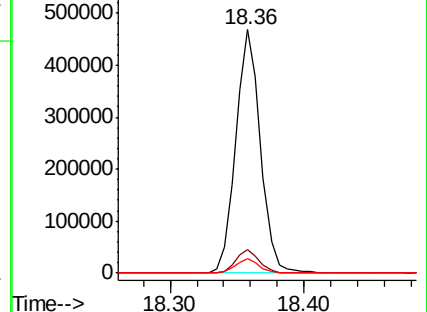
104 6.0 4.7 7.1

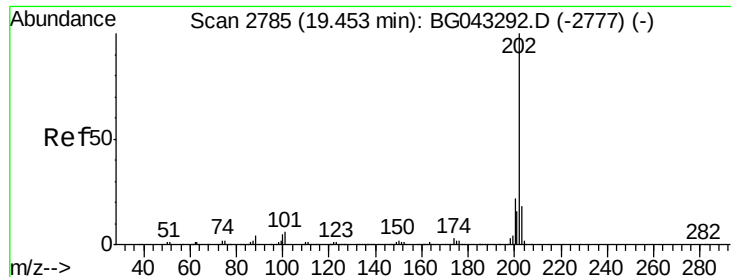


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.670 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

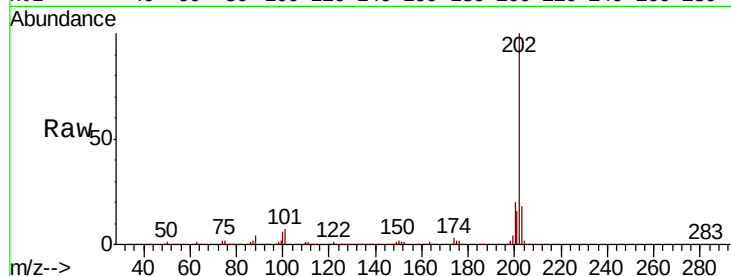
Tot Ion:202 Resp: 715610

Ion Ratio Lower Upper

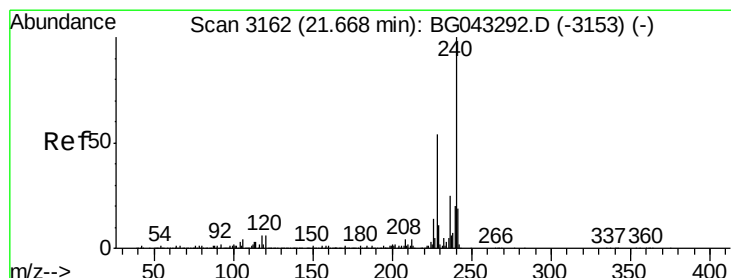
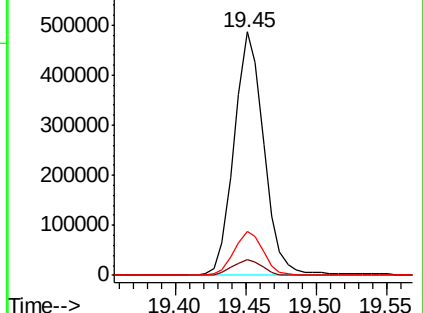
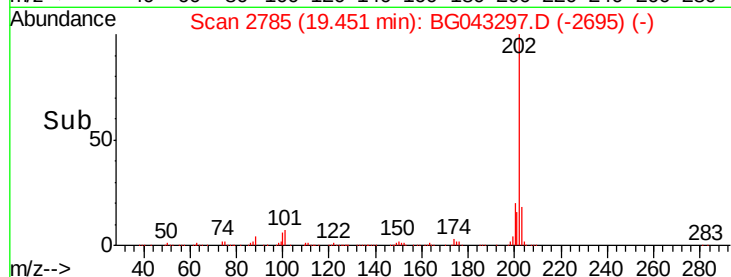
202 100

101 6.6 0.0 26.0

203 18.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

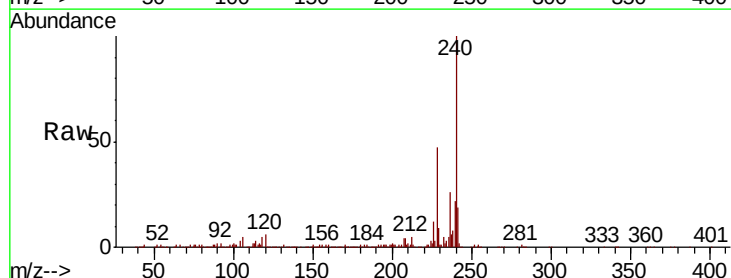
Tgt Ion:240 Resp: 281802

Ion Ratio Lower Upper

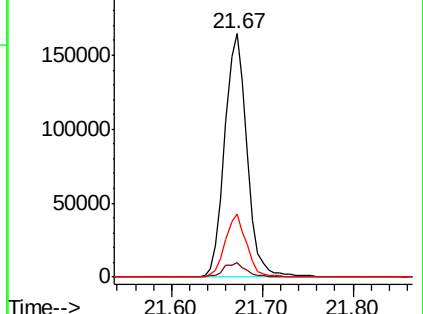
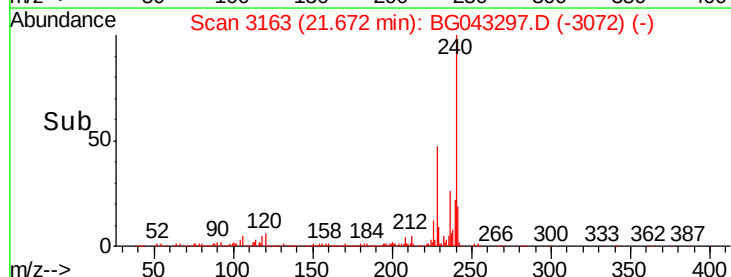
240 100

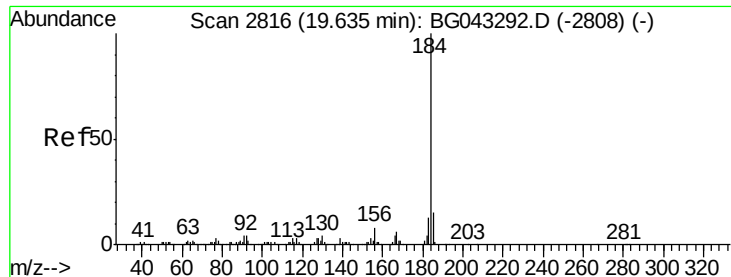
120 5.7 4.6 7.0

236 25.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.526 ng

RT: 19.64 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

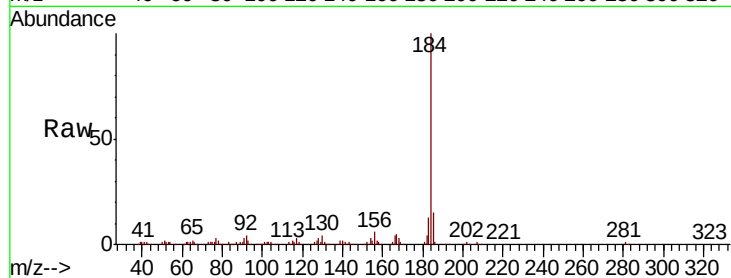
Tot Ion:184 Resp: 212826

Ion Ratio Lower Upper

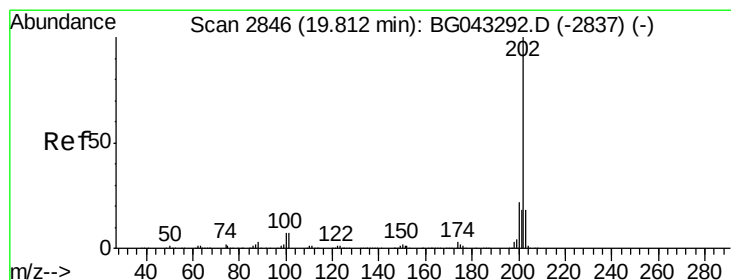
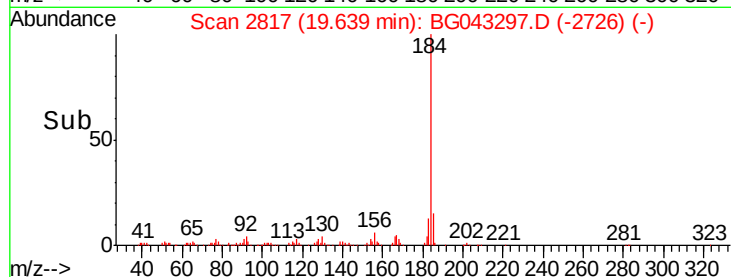
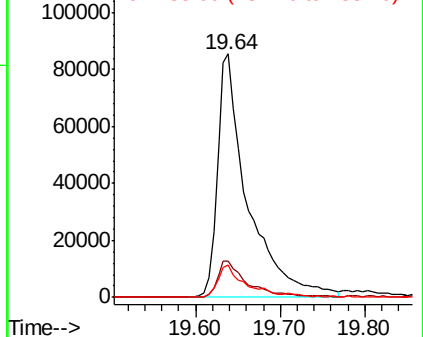
184 100

185 15.0 11.8 17.6

183 13.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.061 ng

RT: 19.82 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

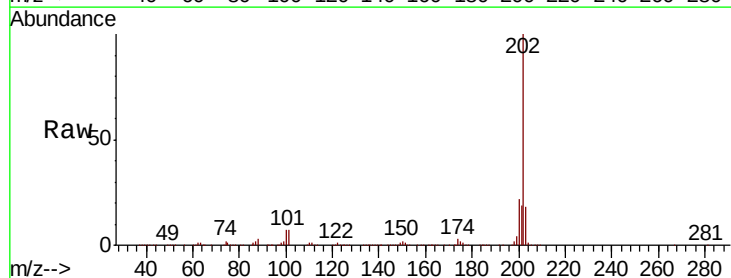
Tgt Ion:202 Resp: 733678

Ion Ratio Lower Upper

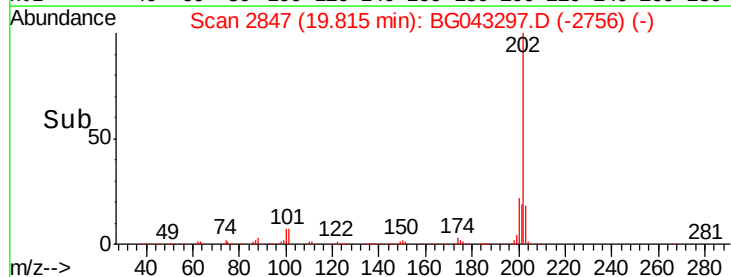
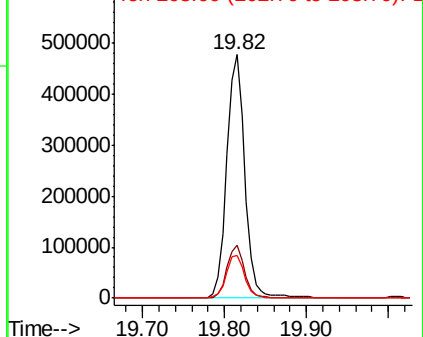
202 100

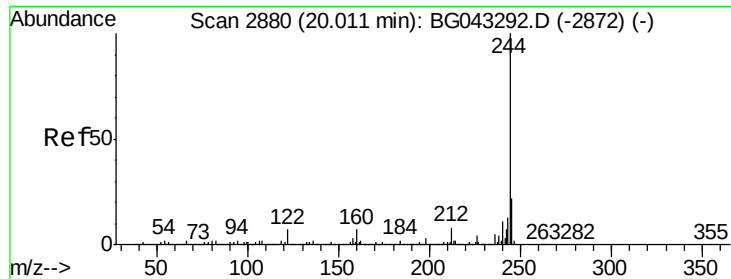
200 21.8 17.3 25.9

203 17.7 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.776 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

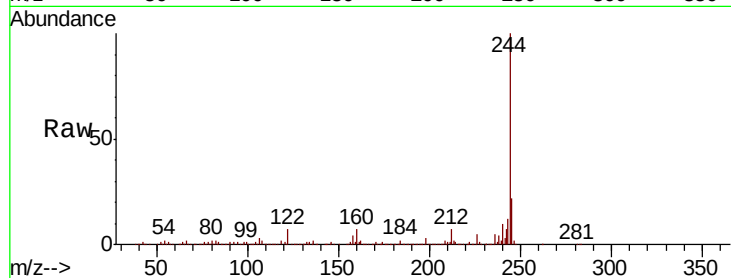
Tot Ion:244 Resp: 1273412

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	7.3	5.3	7.9

244 100

212 7.4 6.4 9.6

122 7.3 5.3 7.9

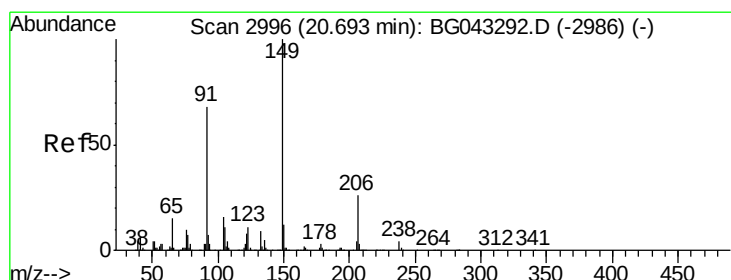
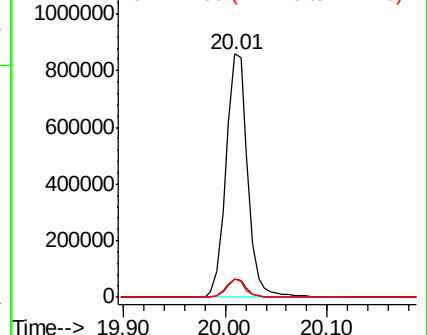
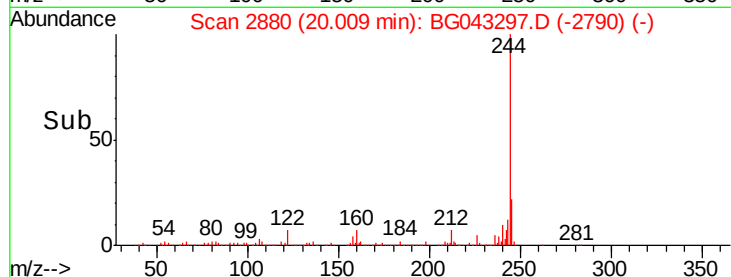


Abundance

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: 41.369 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

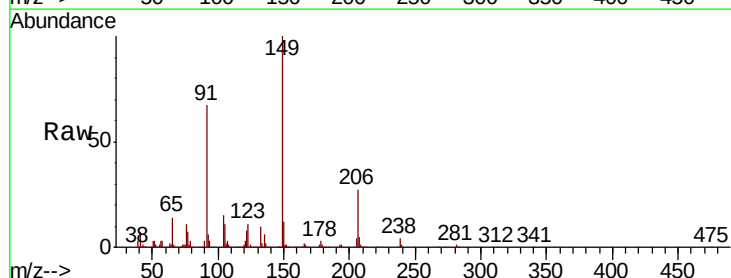
Tgt Ion:149 Resp: 273387

Ion	Ratio	Lower	Upper
149	100		
91	67.3	54.6	82.0
206	27.5	20.5	30.7

149 100

91 67.3 54.6 82.0

206 27.5 20.5 30.7

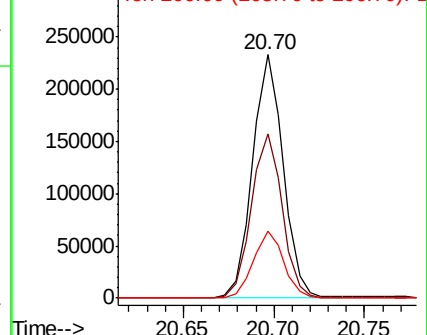
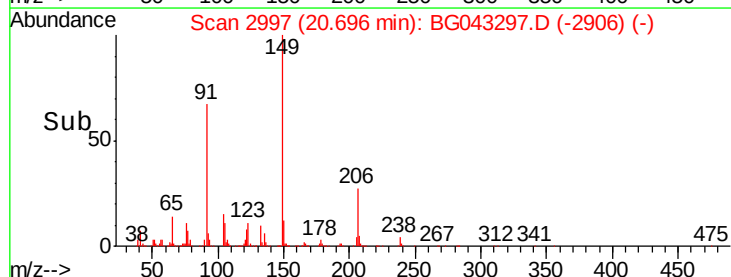


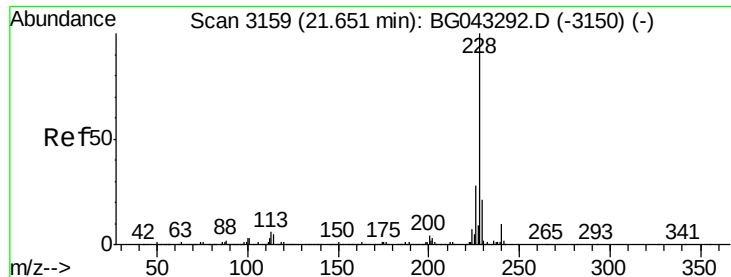
Abundance

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: 41.782 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

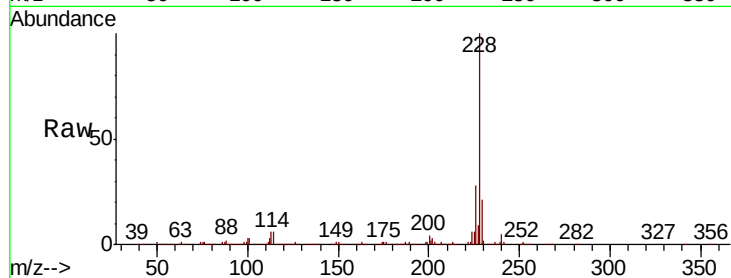
Tot Ion:228 Resp: 737523

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.9 16.9 25.3

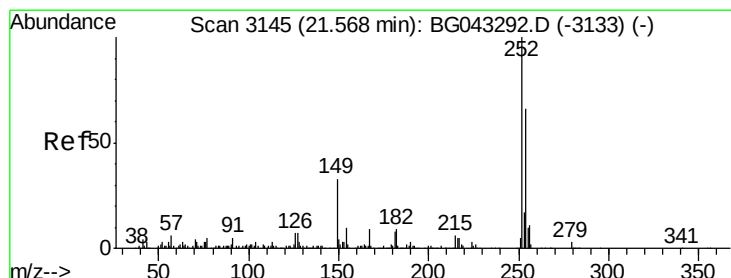
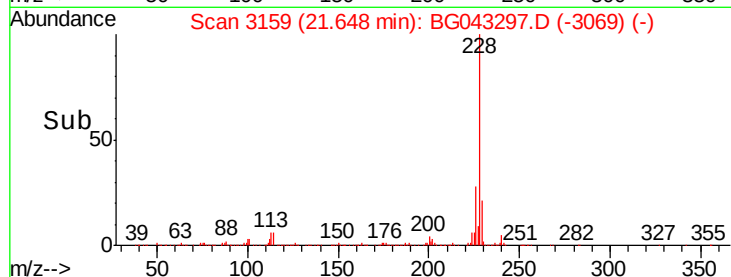
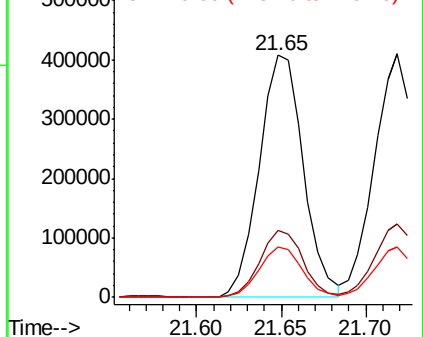


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.761 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

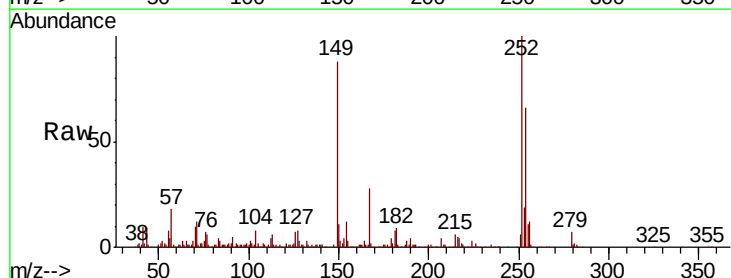
Tgt Ion:252 Resp: 285119

Ion Ratio Lower Upper

252 100

254 66.1 52.7 79.1

126 7.2 5.6 8.4

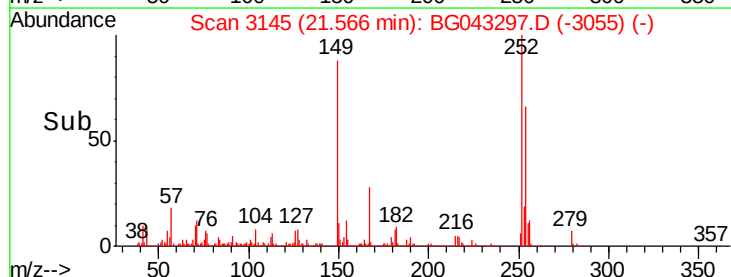
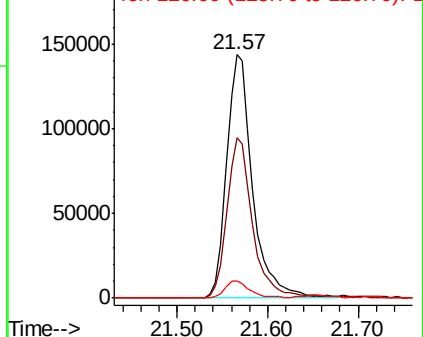


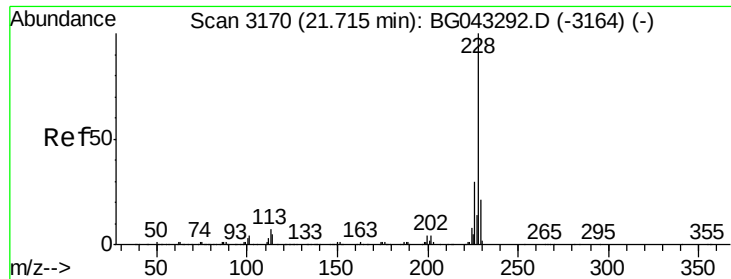
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

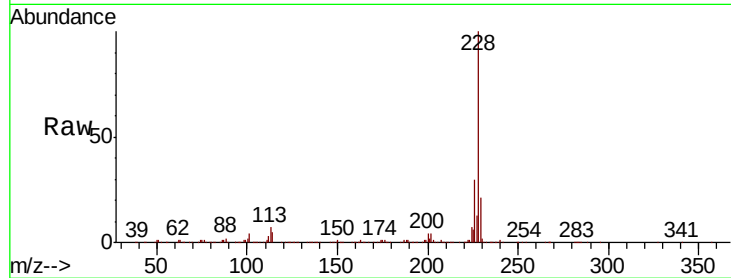




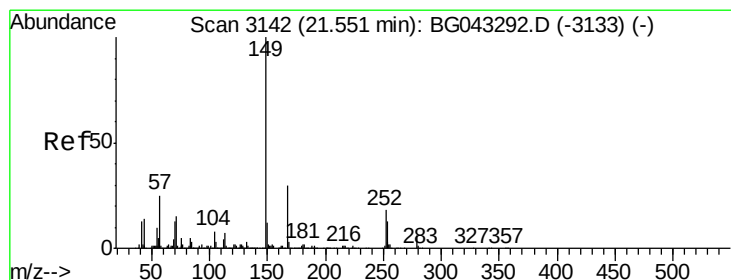
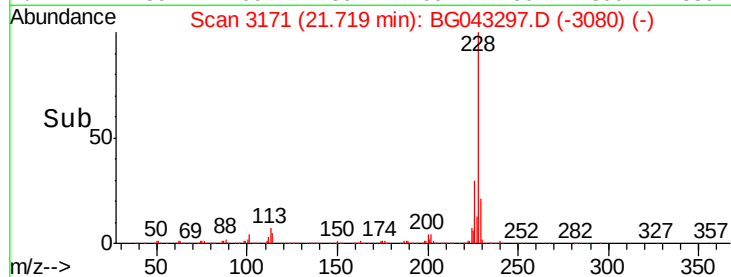
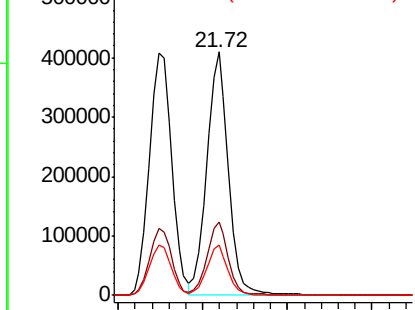
#83
 Chrvsene
 Concen: 41.681 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102119

Tot Ion:228 Resp: 731015
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.8 35.8
 229 20.9 16.3 24.5

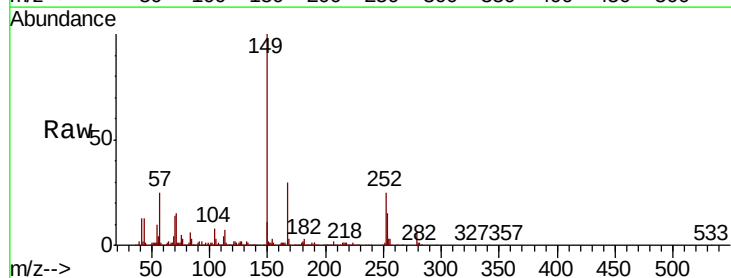


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

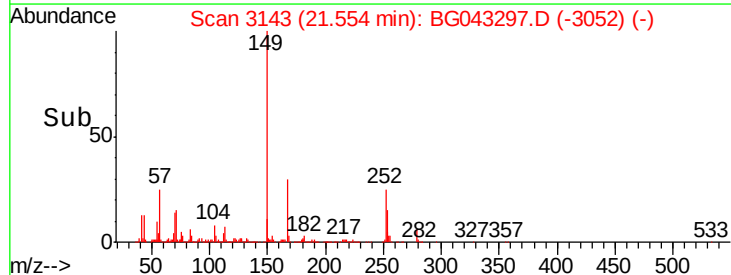
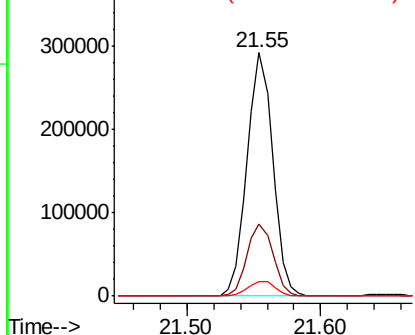


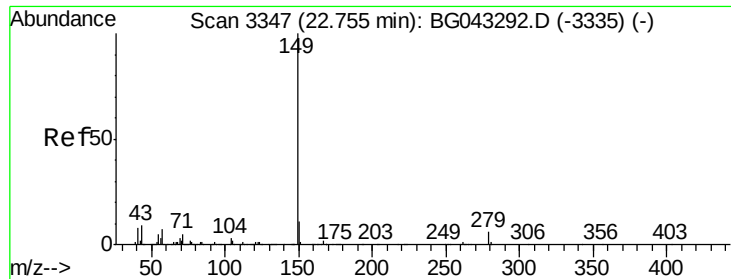
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.297 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG043297.D
 Acq: 21 Oct 2019 16:38

Tgt Ion:149 Resp: 387678
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.9 35.9
 279 5.9 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.200 ng

RT: 22.76 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

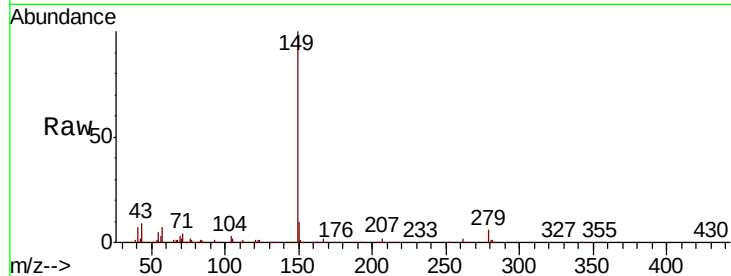
Tot Ion:149 Resp: 656177

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

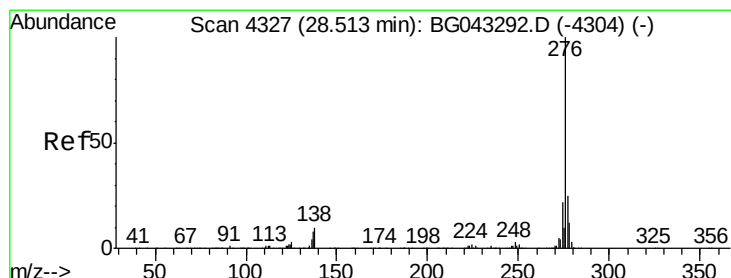
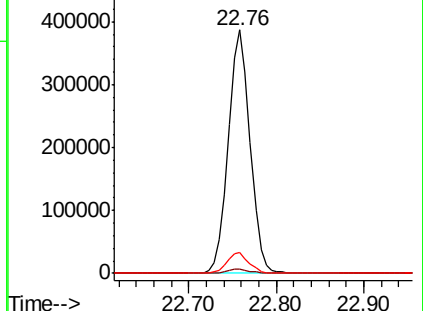
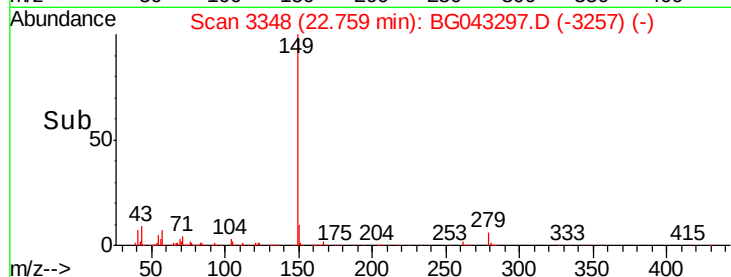
43 8.9 6.9 10.3



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: 41.303 ng

RT: 28.52 min Scan# 4329

Delta R.T. 0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

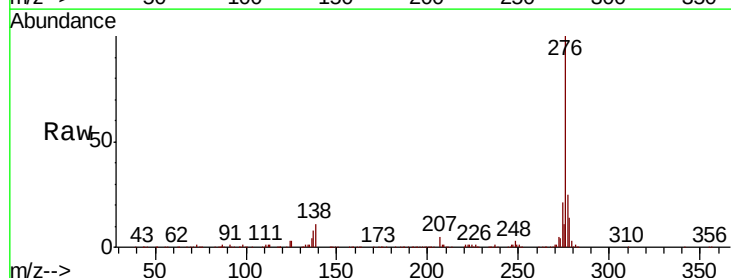
Tgt Ion:276 Resp: 909300

Ion Ratio Lower Upper

276 100

138 10.1 7.2 10.8

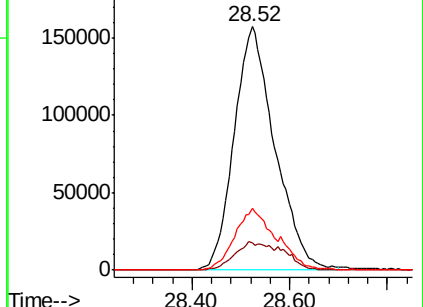
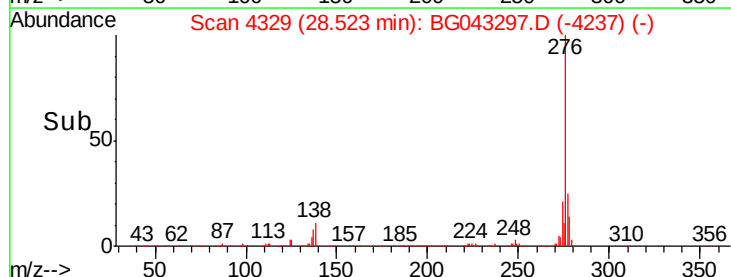
277 25.9 20.9 31.3

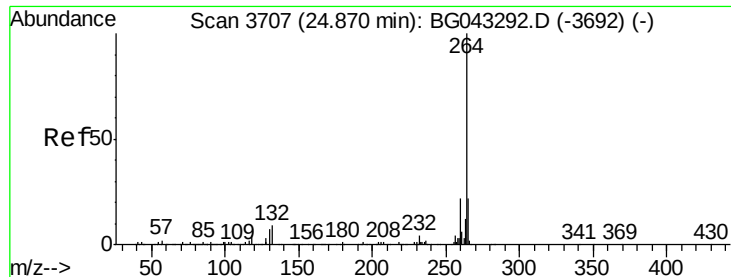


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3708

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

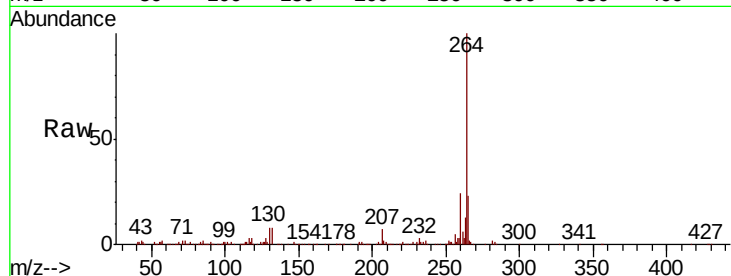
BNA_G

ClientSampleId :

ICVBG102119

Tot Ion:264 Resp: 324016

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	22.8	17.4	26.2

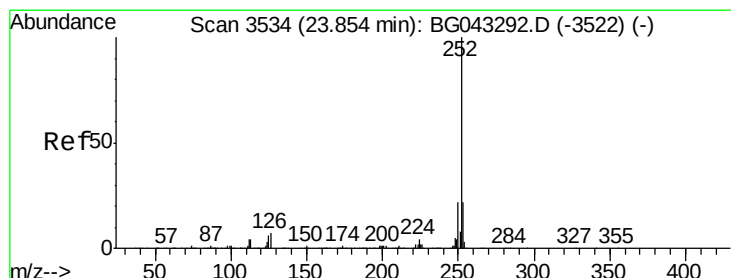
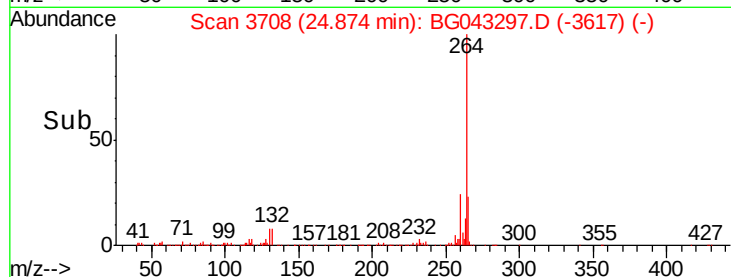
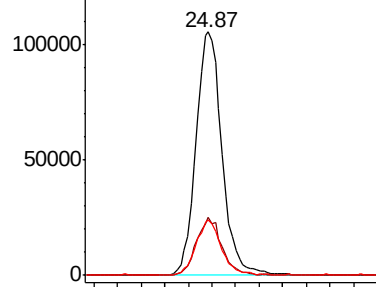


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.427 ng

RT: 23.86 min Scan# 3535

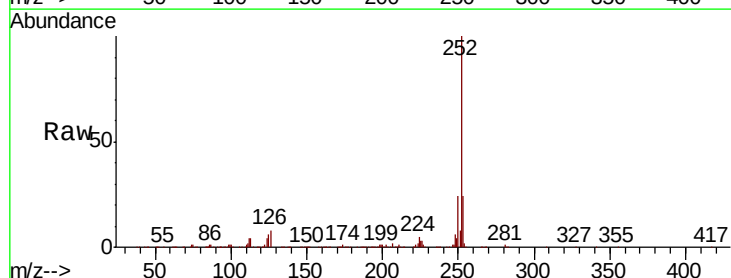
Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion:252 Resp: 778594

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	5.8	5.0	7.6

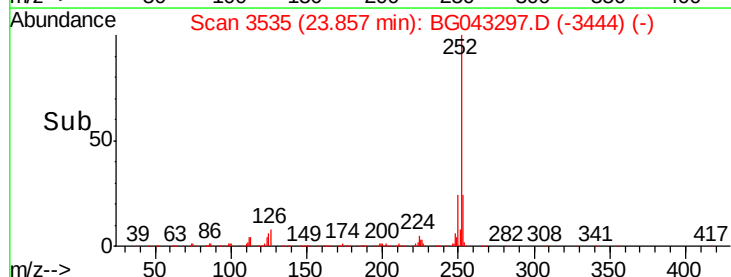
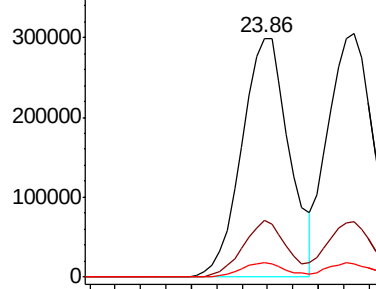


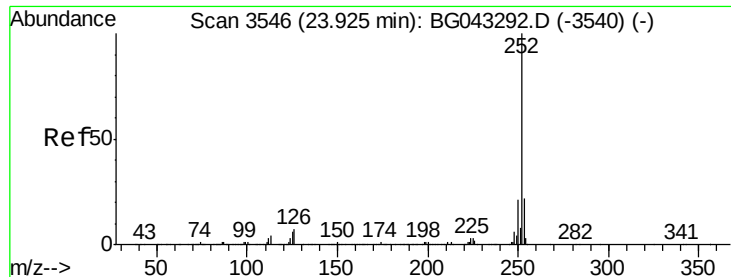
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

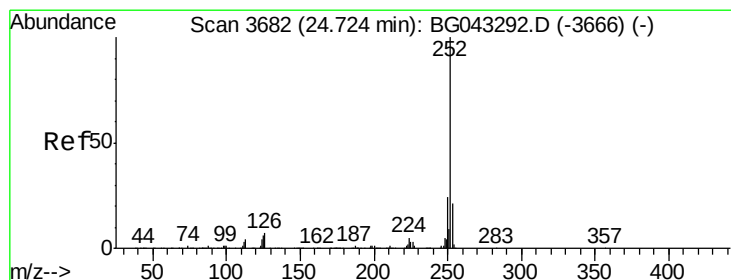
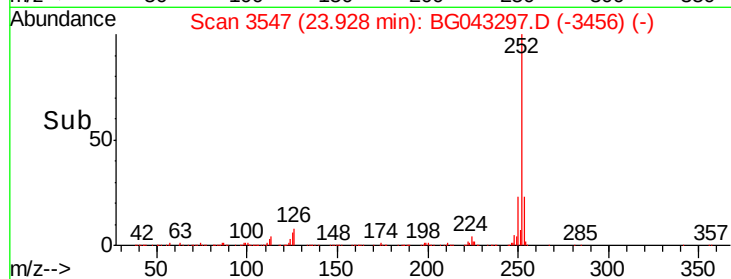
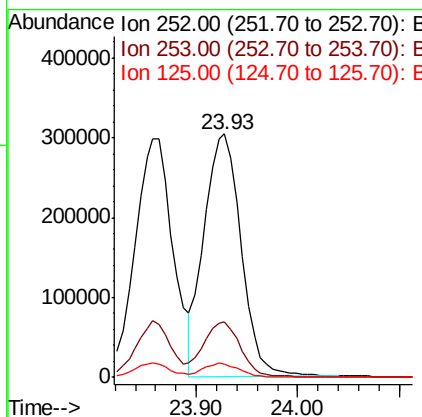
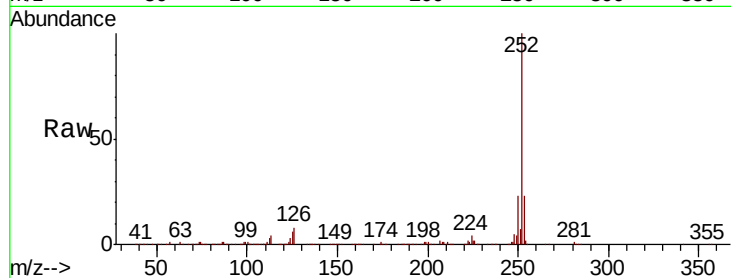




#89
Benzo(k)fluoranthene
Concen: 41.701 ng
RT: 23.93 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

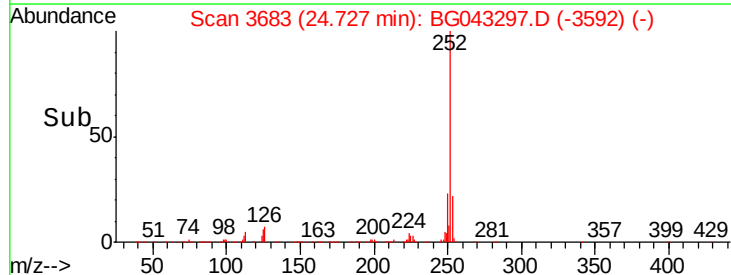
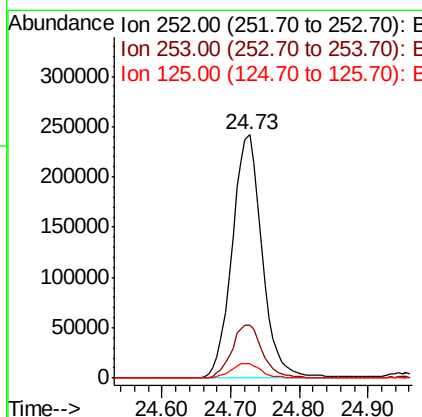
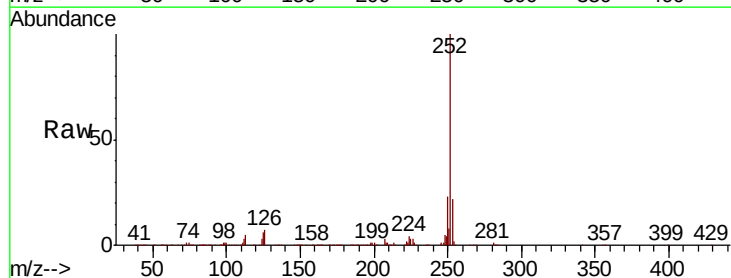
Instrument :
BNA_G
ClientSampleId :
ICVBG102119

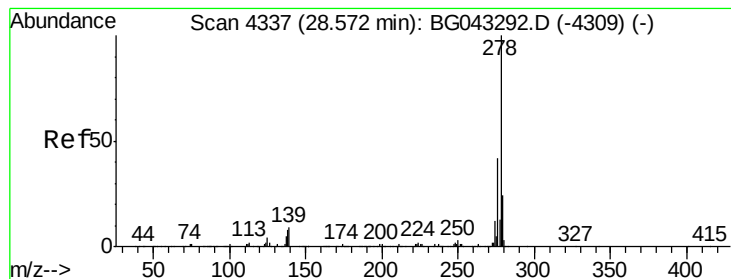
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	5.5	4.5	6.7



#90
Benzo(a)pyrene
Concen: 41.747 ng
RT: 24.73 min Scan# 3683
Delta R.T. 0.00 min
Lab File: BG043297.D
Acq: 21 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	6.1	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.629 ng

RT: 28.59 min Scan# 4340

Delta R.T. 0.02 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA_G

ClientSampleId :

ICVBG102119

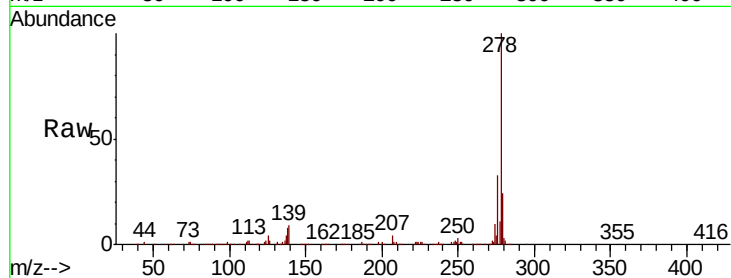
Tot Ion:278 Resp: 746182

Ion Ratio Lower Upper

278 100

139 9.0 6.8 10.2

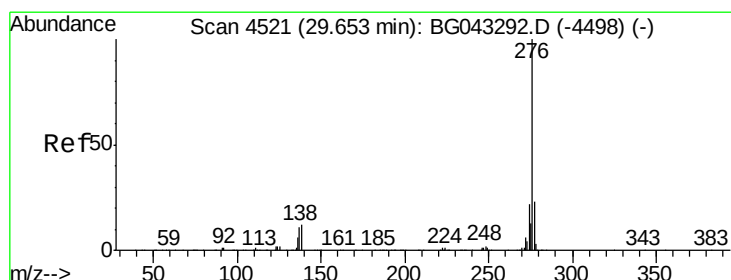
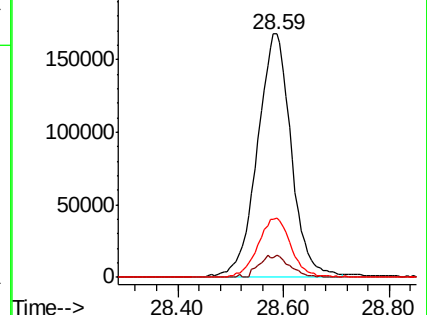
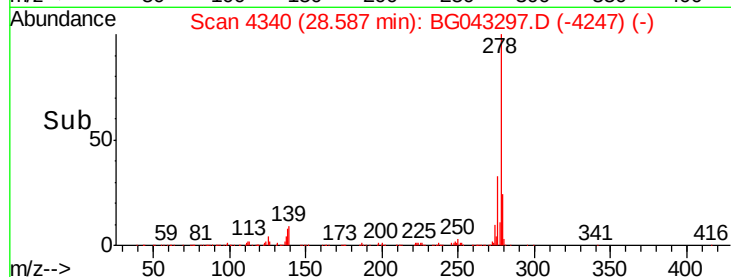
279 24.3 19.0 28.6



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: 41.629 ng

RT: 29.66 min Scan# 4523

Delta R.T. 0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

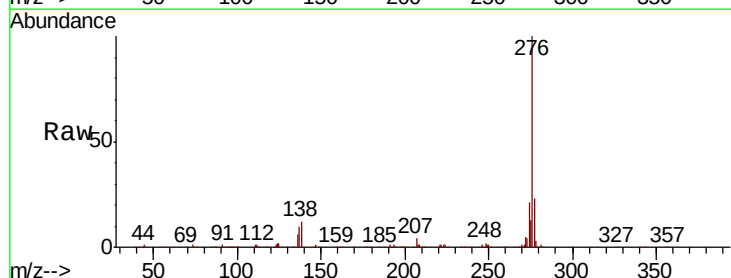
Tgt Ion:276 Resp: 736043

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 11.6 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

