

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
 Data File : BG040943.D
 Acq On : 29 May 2019 18:42
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

Quant Time: May 29 19:18:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57326	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	240359	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	181077	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	441730	20.00	ng	0.00
76) Chrysene-d12	21.79	240	443191	20.00	ng	0.00
87) Perylene-d12	25.13	264	486189	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	259903	81.75	ng	0.00
7) Phenol-d6	7.27	99	385828	78.58	ng	0.00
23) Nitrobenzene-d5	9.31	82	447305	82.62	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	218788	81.39	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1032561	82.12	ng	0.00
79) Terphenyl-d14	20.10	244	1740051	83.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	60095	41.657	ng	95
3) Pyridine	3.94	79	181299	42.472	ng	96
4) n-Nitrosodimethylamine	3.86	42	82528	41.657	ng	96
6) Aniline	7.45	93	266228	40.624	ng	99
8) 2-Chlorophenol	7.68	128	151333	39.929	ng	97
9) Benzaldehyde	7.27	77	122724	41.902	ng	90
10) Phenol	7.30	94	206137	39.158	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	152355	39.894	ng	99
12) 1,3-Dichlorobenzene	8.01	146	186203	41.134	ng	91
13) 1,4-Dichlorobenzene	8.17	146	187295	40.876	ng	96
14) 1,2-Dichlorobenzene	8.48	146	180386	40.546	ng	98
15) Benzyl Alcohol	8.37	79	180415	39.724	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	255267	40.905	ng	99
17) 2-Methylphenol	8.56	107	148212	38.885	ng	98
18) Hexachloroethane	9.22	117	72526	41.068	ng	99
19) n-Nitroso-di-n-propylamine	8.94	70	150557	39.847	ng	97
20) 3+4-Methylphenols	8.89	107	204064	38.650	ng	98
22) Acetophenone	8.96	105	274920	40.774	ng	# 99
24) Nitrobenzene	9.35	77	225614	40.890	ng	97
25) Isophorone	9.86	82	423426	41.094	ng	99
26) 2-Nitrophenol	10.06	139	94884	41.714	ng	93
27) 2,4-Dimethylphenol	10.10	122	154982	41.255	ng	98
28) bis(2-Chloroethoxy)methane	10.35	93	226877	40.796	ng	99
29) 2,4-Dichlorophenol	10.59	162	187399	39.282	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	219689	40.481	ng	97
31) Naphthalene	11.00	128	528876	40.982	ng	98
32) Benzoic acid	10.23	122	114867	40.793	ng	95
33) 4-Chloroaniline	11.11	127	236579	39.510	ng	95
34) Hexachlorobutadiene	11.27	225	172382	41.513	ng	97
35) Caprolactam	11.90	113	63882	40.551	ng	95
36) 4-Chloro-3-methylphenol	12.21	107	215322	39.521	ng	96
37) 2-Methylnaphthalene	12.60	142	394363	39.677	ng	97
38) 1-Methylnaphthalene	12.81	142	378397	40.401	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	290710	39.832	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	146166	41.657	nq	99
43) 2,4,6-Trichlorophenol	13.20	196	192173	40.702	nq	99
44) 2,4,5-Trichlorophenol	13.27	196	199639	40.093	nq	98
46) 1,1'-Biphenyl	13.59	154	546383	40.764	nq	98
47) 2-Chloronaphthalene	13.64	162	461507	40.107	nq	97
48) 2-Nitroaniline	13.85	65	173031	41.916	nq	96
49) Acenaphthylene	14.49	152	698015	40.305	nq	100
50) Dimethylphthalate	14.21	163	614570	40.094	nq	100
51) 2,6-Dinitrotoluene	14.34	165	132076	39.964	nq	97
52) Acenaphthene	14.82	154	418319	39.872	nq	99
53) 3-Nitroaniline	14.67	138	134943	40.833	nq	99
54) 2,4-Dinitrophenol	14.87	184	62537	46.079	nq	95
55) Dibenzofuran	15.16	168	710805	40.264	nq	98
56) 4-Nitrophenol	14.96	139	94186	41.550	nq	90
57) 2,4-Dinitrotoluene	15.12	165	190790	40.868	nq	# 97
58) Fluorene	15.80	166	559772	39.816	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	198509	40.566	nq	98
60) Diethylphthalate	15.56	149	618592	39.545	nq	99
61) 4-Chlorophenyl-phenylether	15.79	204	363649	39.795	nq	100
62) 4-Nitroaniline	15.83	138	141979	40.580	nq	97
63) Azobenzene	16.08	77	572409	40.260	nq	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	99869	43.231	nq	98
66) n-Nitrosodiphenylamine	16.00	169	512031	41.234	nq	99
67) 4-Bromophenyl-phenylether	16.69	248	245459	41.175	nq	98
68) Hexachlorobenzene	16.80	284	255168	40.197	nq	99
69) Atrazine	16.94	200	209441	43.712	nq	98
70) Pentachlorophenol	17.14	266	133931	41.546	nq	95
71) Phenanthrene	17.54	178	955028	41.507	nq	99
72) Anthracene	17.64	178	944634	41.626	nq	99
73) Carbazole	17.91	167	812934	41.750	nq	99
74) Di-n-butylphthalate	18.44	149	999798	41.312	nq	99
75) Fluoranthene	19.55	202	1200195	42.231	nq	99
77) Benzidine	19.73	184	469968	44.452	nq	99
78) Pyrene	19.91	202	1193058	41.411	nq	100
80) Butylbenzylphthalate	20.77	149	456693	40.733	nq	97
81) Benzo(a)anthracene	21.76	228	1215798	41.211	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	435157	41.937	nq	99
83) Chrysene	21.83	228	1179012	41.762	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	644089	40.809	nq	98
85) Di-n-octyl phthalate	22.88	149	1093319	41.594	nq	100
86) Indeno(1,2,3-cd)pyrene	28.97	276	1410276	40.779	nq	# 98
88) Benzo(b)fluoranthene	24.06	252	1204453	40.844	nq	98
89) Benzo(k)fluoranthene	24.13	252	1205481	41.310	nq	98
90) Benzo(a)pyrene	24.97	252	1151403	40.925	nq	96
91) Dibenzo(a,h)anthracene	29.04	278	1156666	41.144	nq	98
92) Benzo(g,h,i)perylene	30.18	276	1106130	40.500	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.00 min

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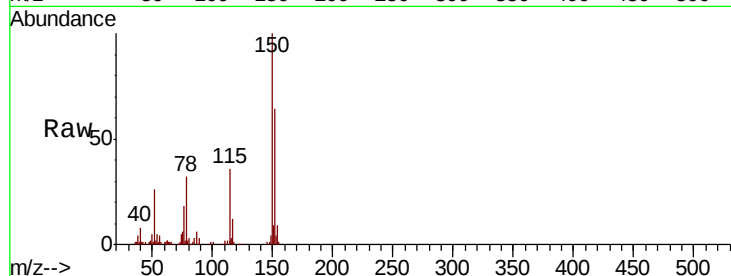
Tot Ion:152 Resp: 57326

Ion Ratio Lower Upper

152 100

150 156.8 120.6 180.8

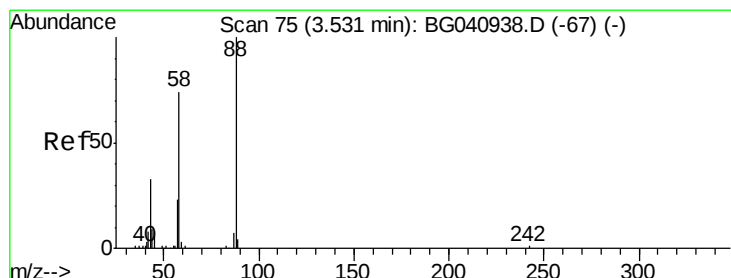
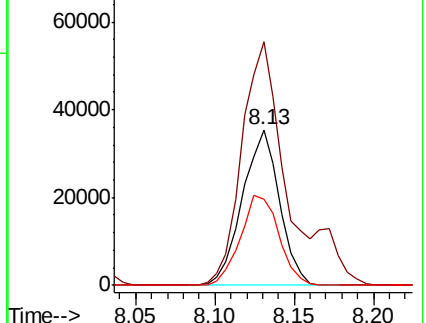
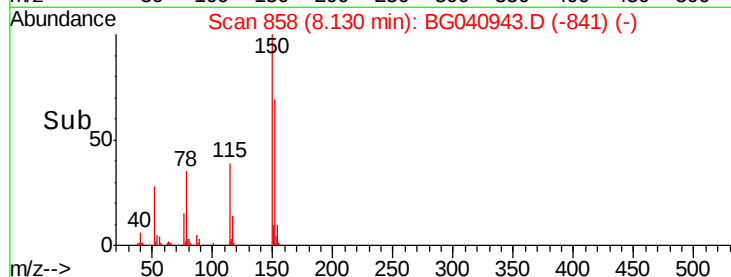
115 55.7 45.1 67.7



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: 41.657 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

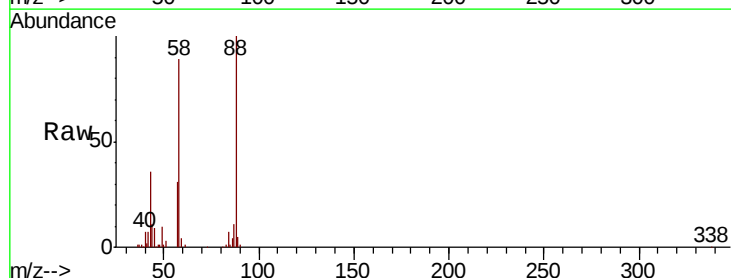
Tgt Ion: 88 Resp: 60095

Ion Ratio Lower Upper

88 100

58 78.3 59.0 88.6

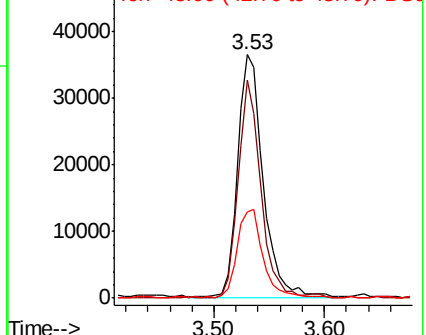
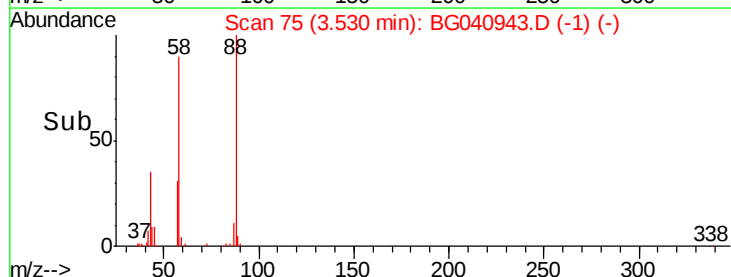
43 36.7 27.2 40.8

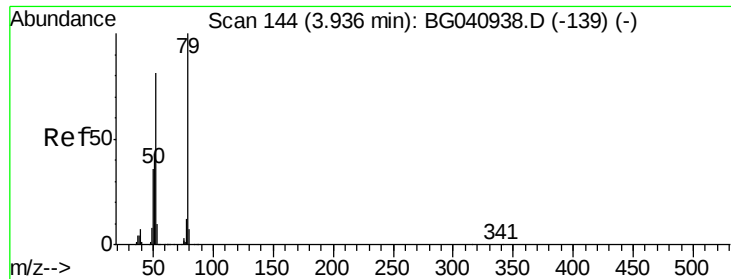


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.472 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

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ICVBG052919

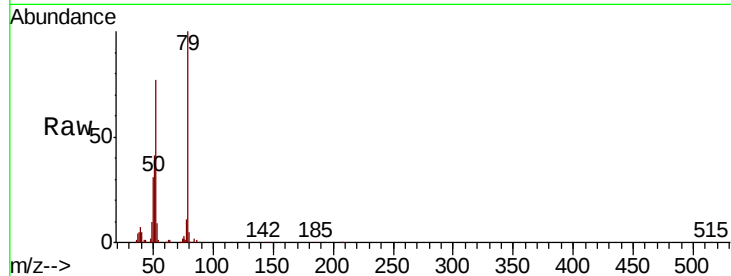
Tot Ion: 79 Resp: 181299

Ion Ratio Lower Upper

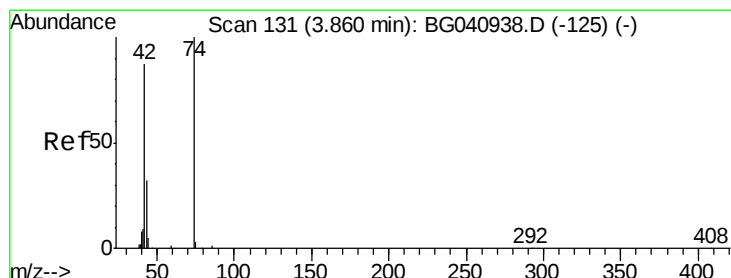
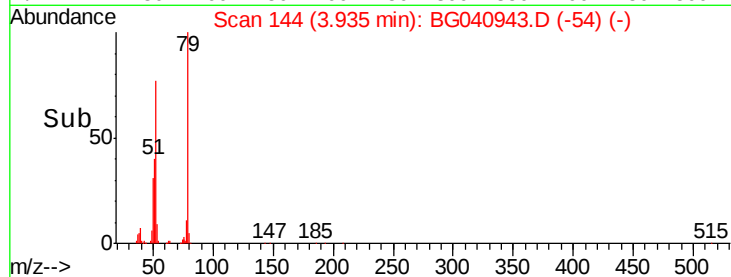
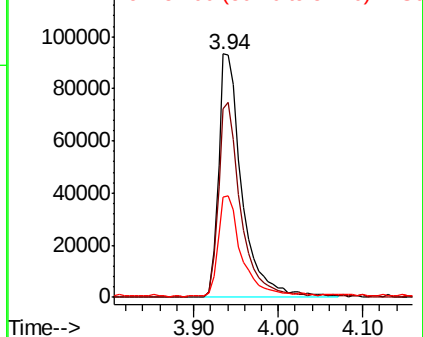
79 100

52 77.5 64.8 97.2

51 41.0 35.3 52.9



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: 41.657 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

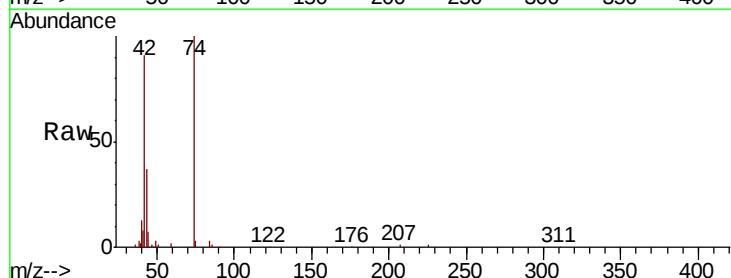
Tgt Ion: 42 Resp: 82528

Ion Ratio Lower Upper

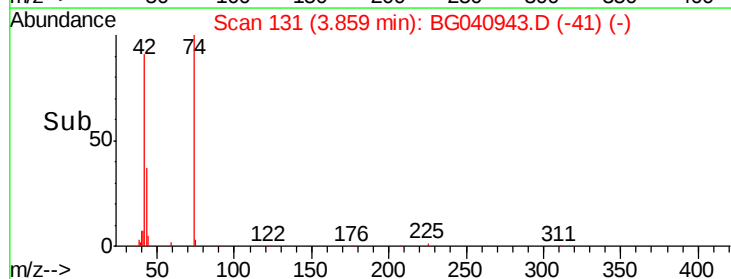
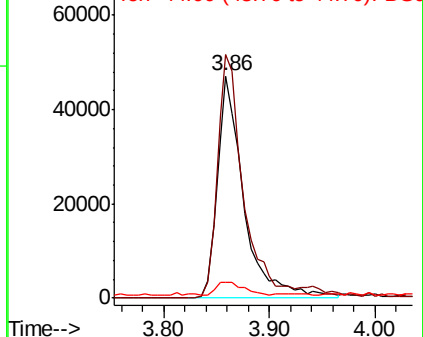
42 100

74 109.6 91.8 137.6

44 7.2 6.0 9.0



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





#5

2-Fluorophenol

Concen: 81.753 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

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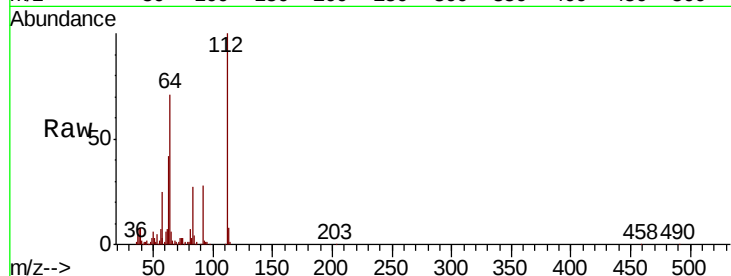
Tot Ion:112 Resp: 259903

Ion Ratio Lower Upper

112 100

64 70.9 56.2 84.2

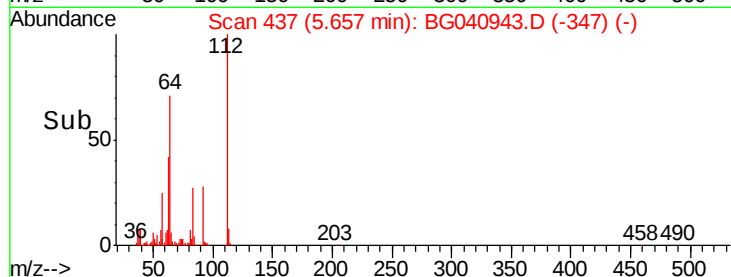
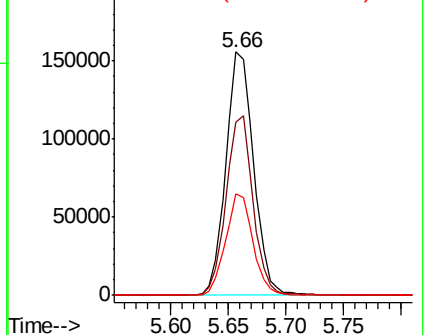
63 41.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.624 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

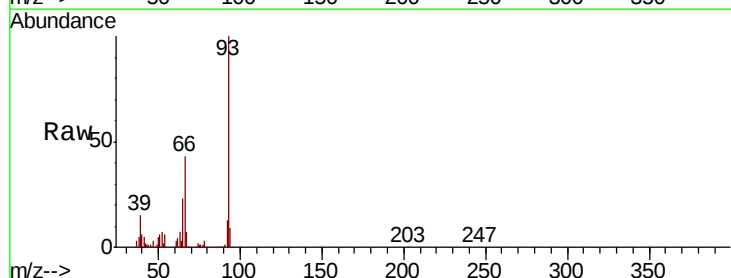
Tgt Ion: 93 Resp: 266228

Ion Ratio Lower Upper

93 100

66 42.7 33.8 50.8

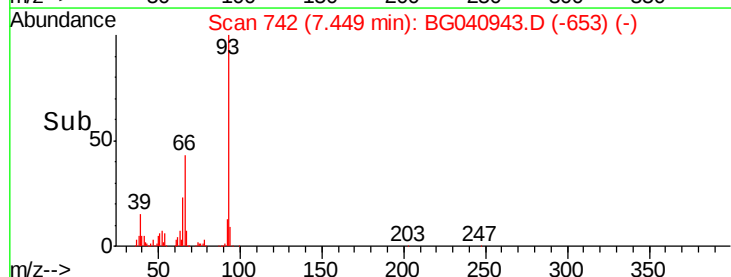
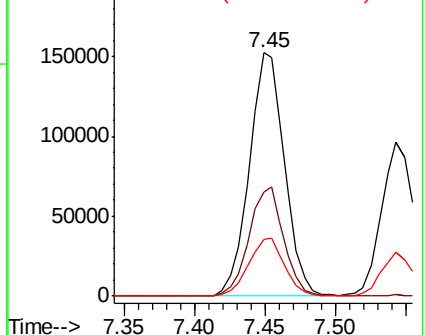
65 23.2 18.3 27.5

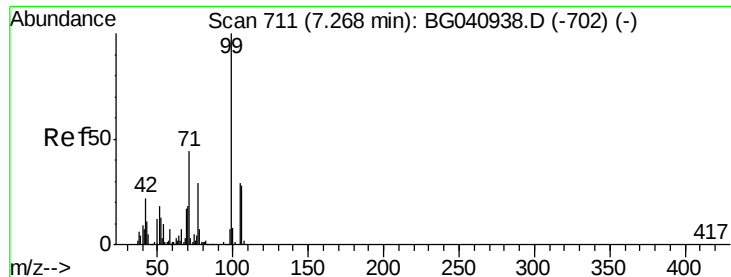


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.583 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040943.D

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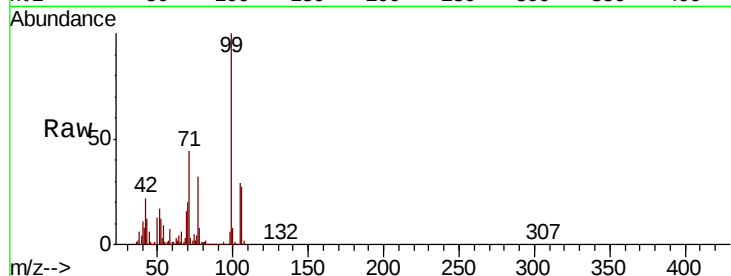
Tot Ion: 99 Resp: 385828

Ion Ratio Lower Upper

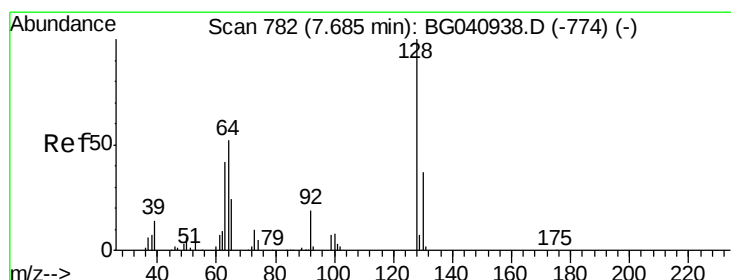
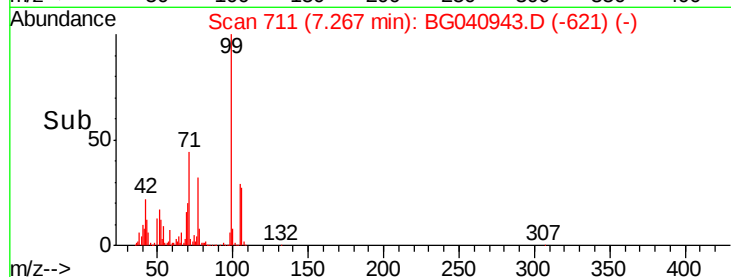
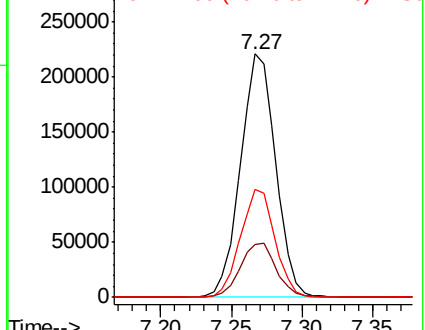
99 100

42 21.5 17.9 26.9

71 44.3 35.4 53.0



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: 39.929 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

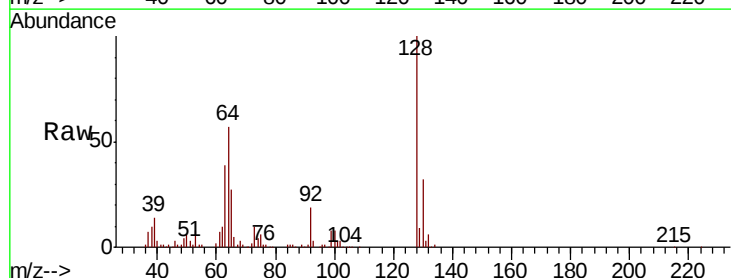
Tgt Ion: 128 Resp: 151333

Ion Ratio Lower Upper

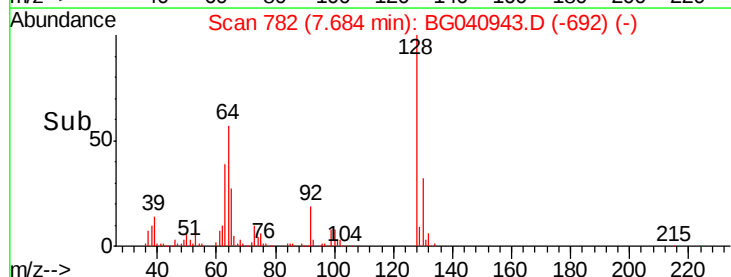
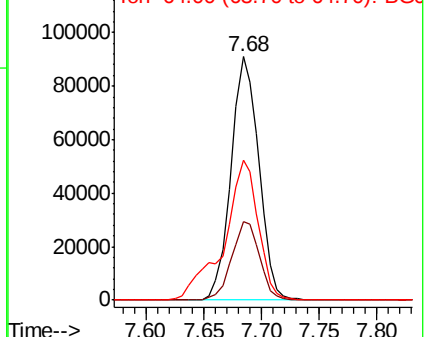
128 100

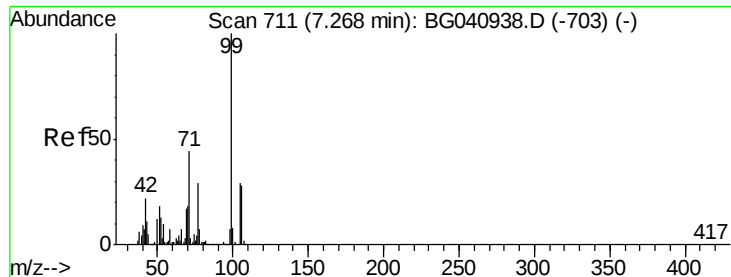
130 32.1 16.6 56.6

64 57.5 37.8 77.8



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: 41.902 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

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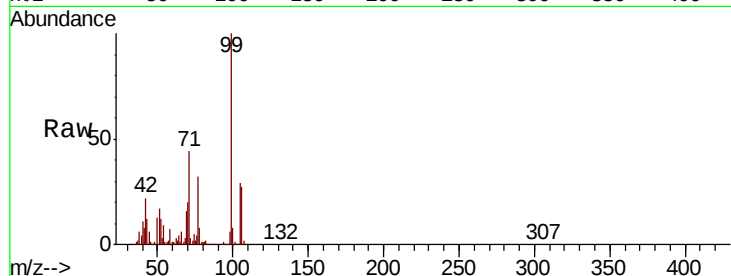
Tot Ion: 77 Resp: 122724

Ion Ratio Lower Upper

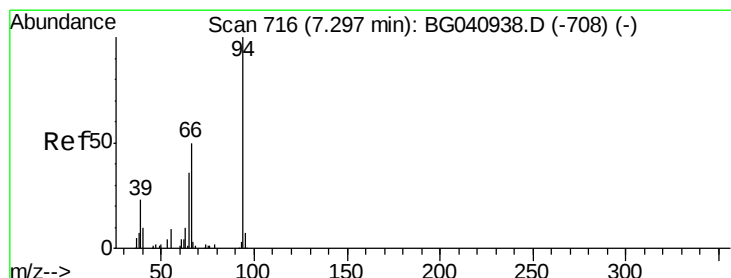
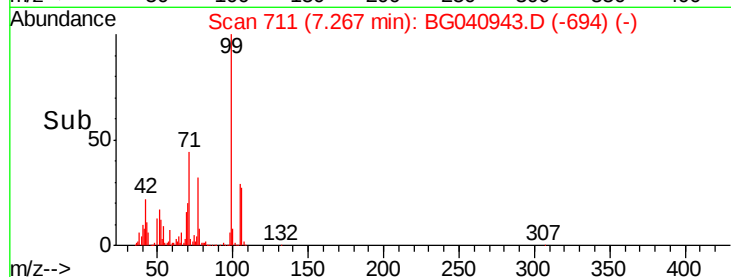
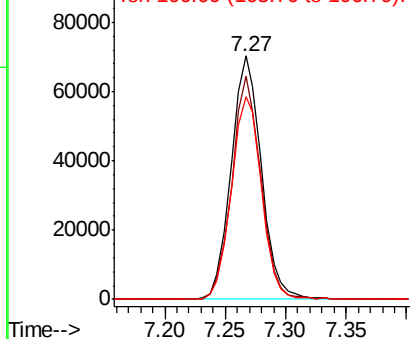
77 100

105 91.6 78.9 118.9

106 83.3 76.7 116.7



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



#10

Phenol

Concen: 39.158 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

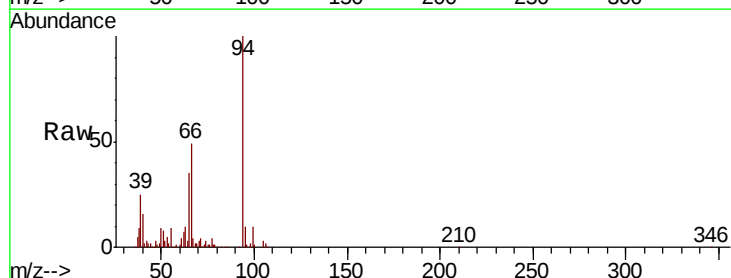
Tgt Ion: 94 Resp: 206137

Ion Ratio Lower Upper

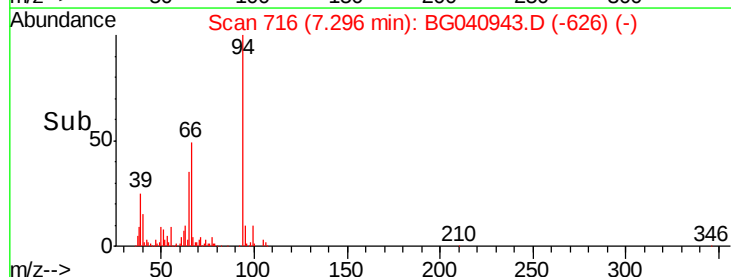
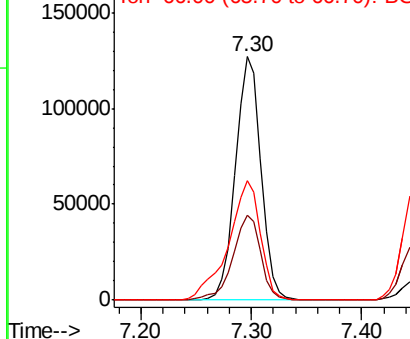
94 100

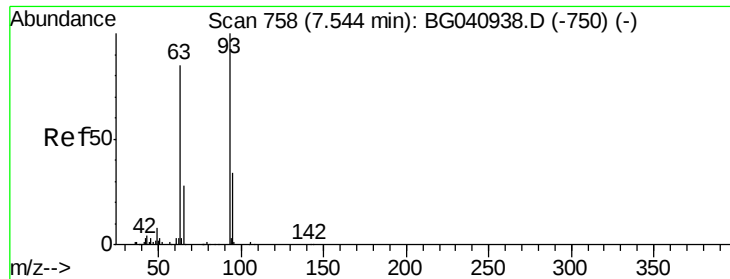
65 34.9 17.0 57.0

66 49.2 32.4 72.4



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

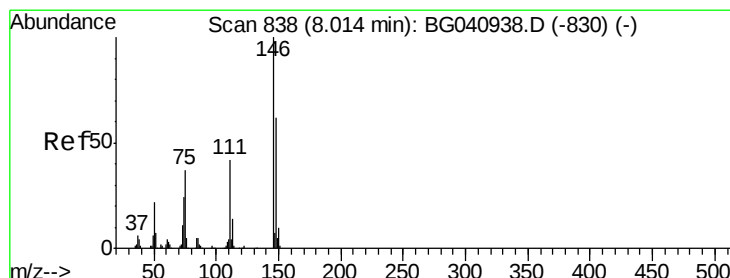
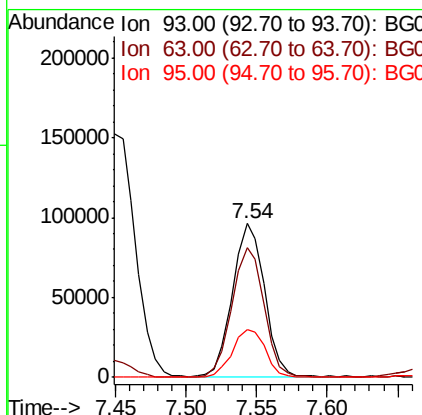
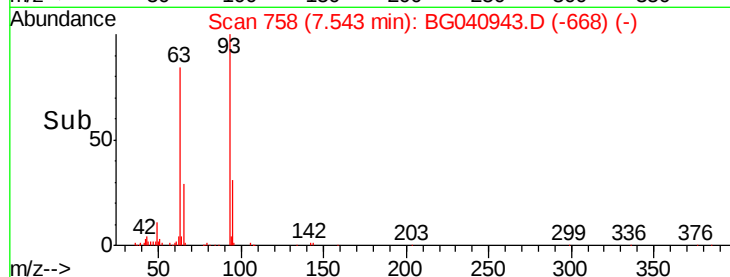
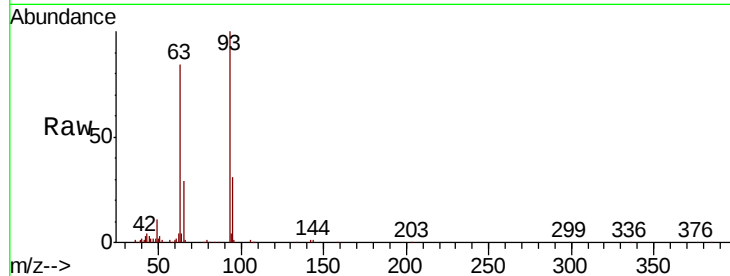




#11
bis(2-Chloroethyl)ether
Concen: 39.894 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

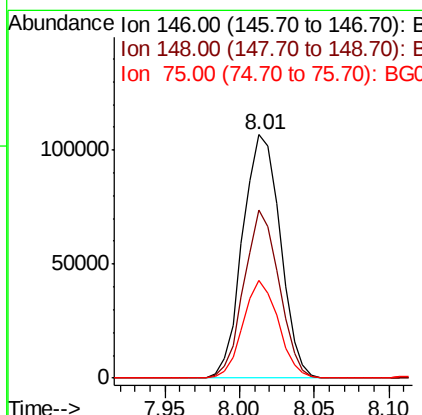
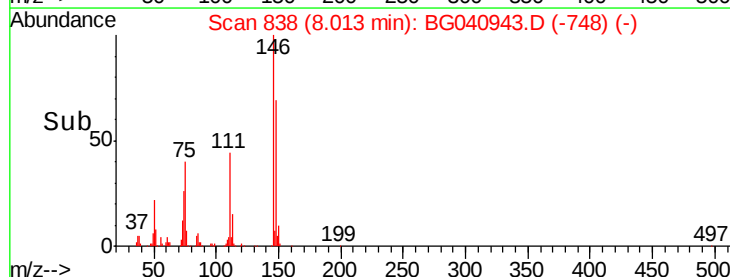
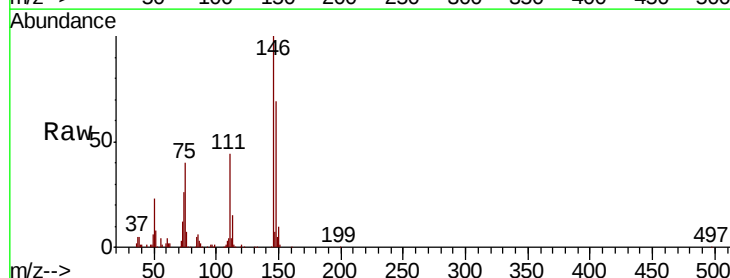
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

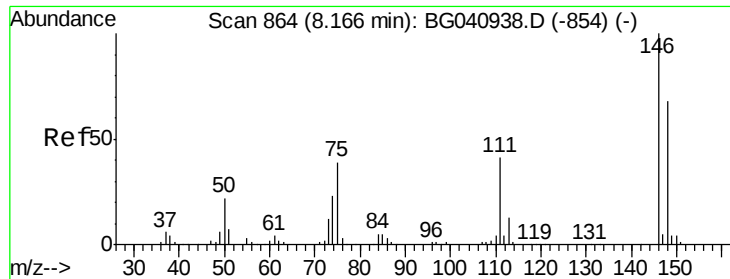
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	64.5	104.5
95	31.3	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.134 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.3	49.2	73.8
75	40.4	29.4	44.0

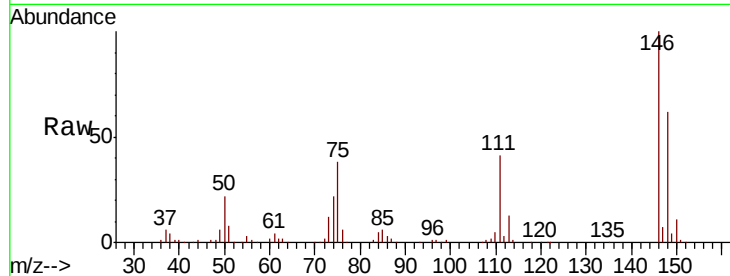




#13
 1,4-Dichlorobenzene
 Concen: 40.876 ng
 RT: 8.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	54.2	81.4
111	40.6	32.9	49.3

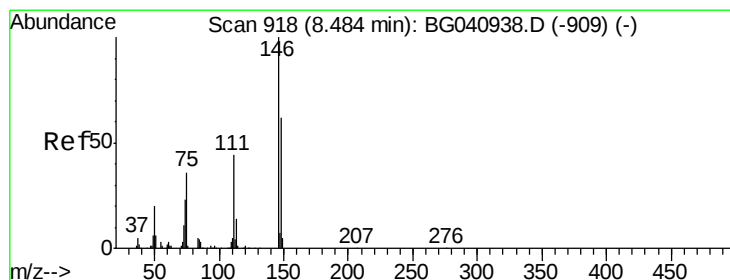
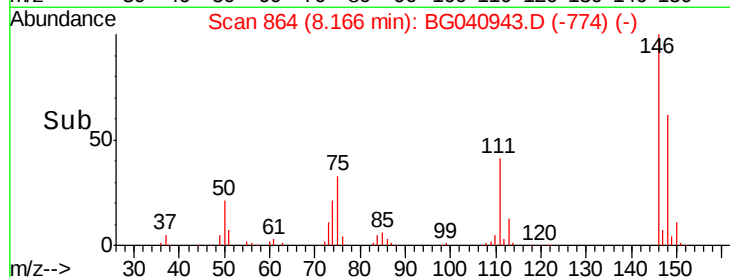
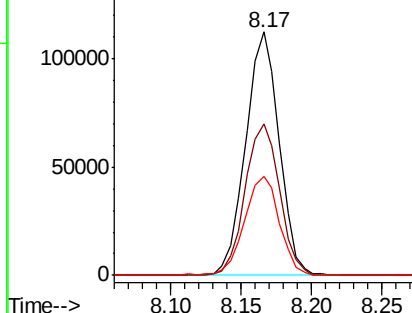


Abundance

Ion 146.00 (145.70 to 146.70): E

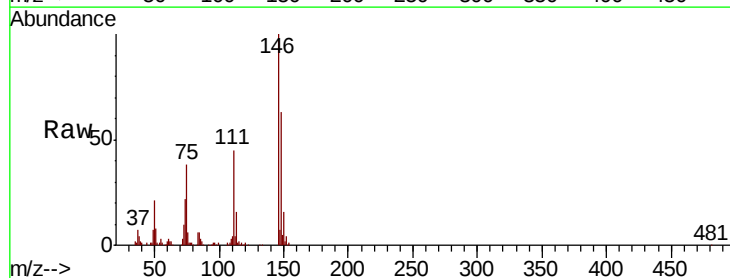
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.546 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.6
111	44.8	35.0	52.4

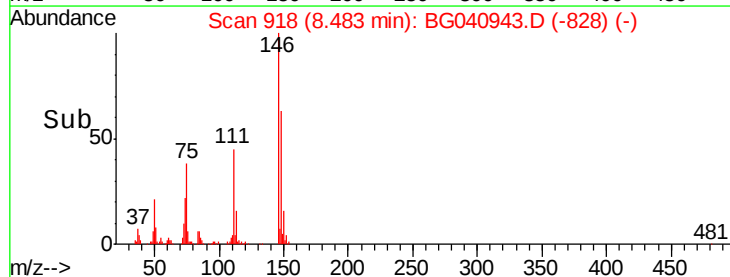
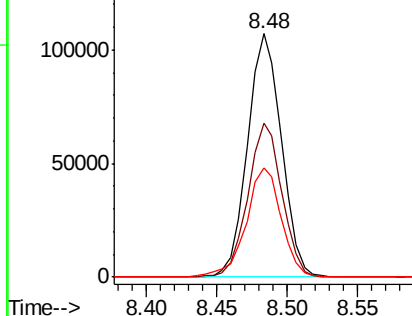


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.724 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

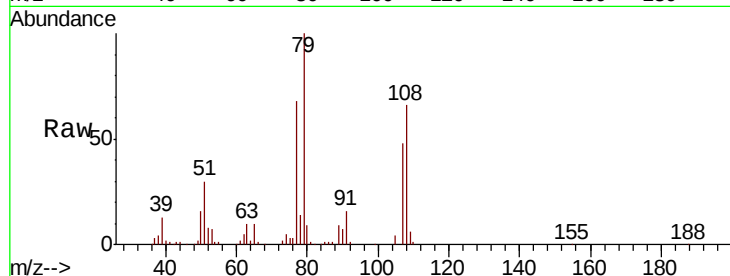
Tot Ion: 79 Resp: 180415

Ion Ratio Lower Upper

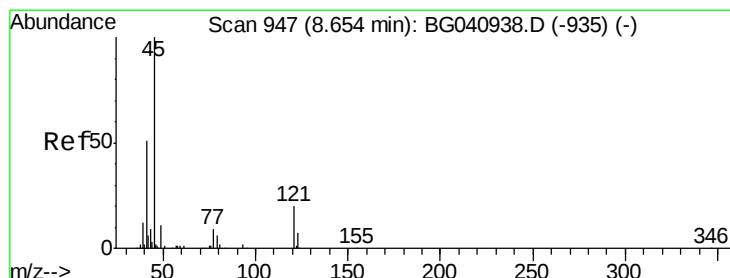
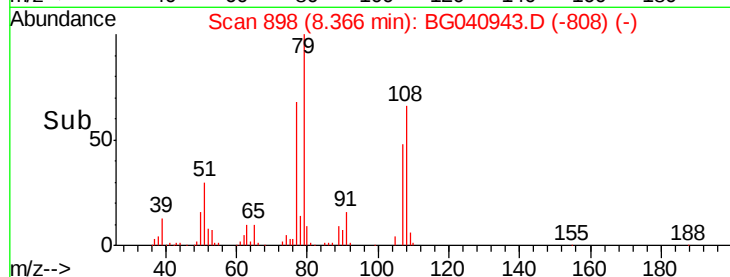
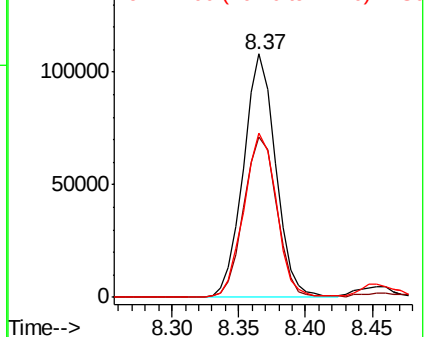
79 100

108 65.8 48.3 72.5

77 67.5 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.905 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

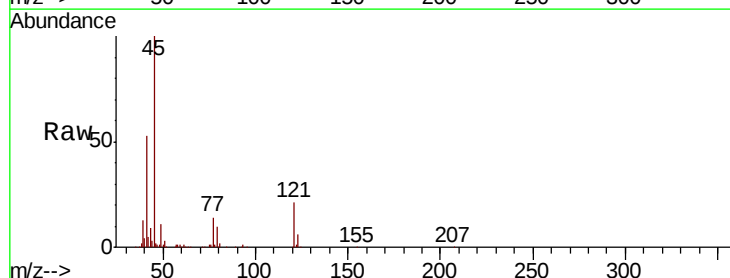
Tgt Ion: 45 Resp: 255267

Ion Ratio Lower Upper

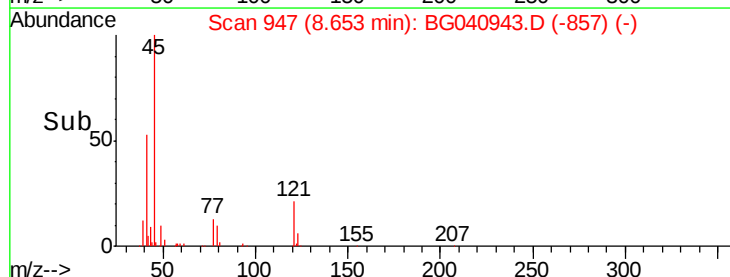
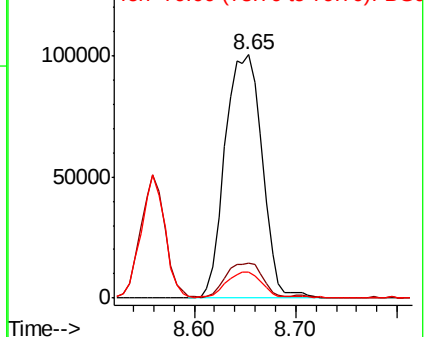
45 100

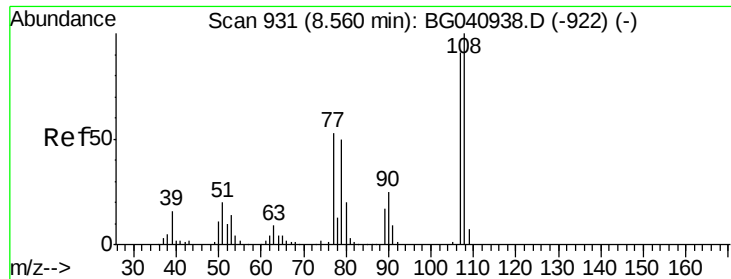
77 14.4 0.0 33.7

79 10.5 0.0 30.2



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

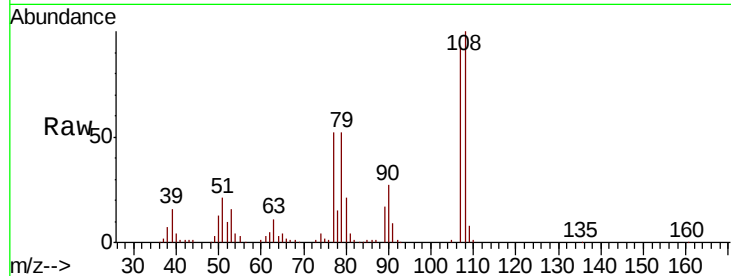




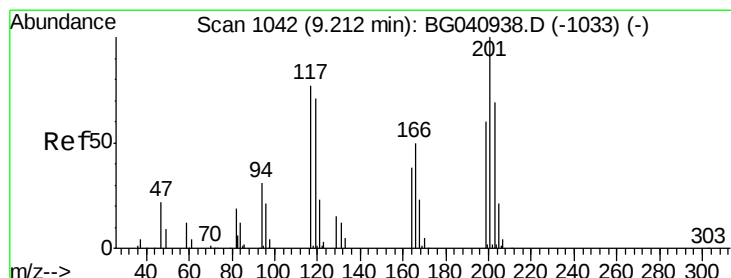
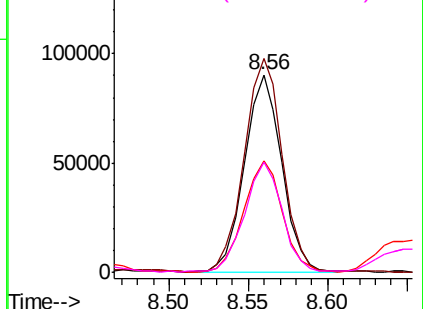
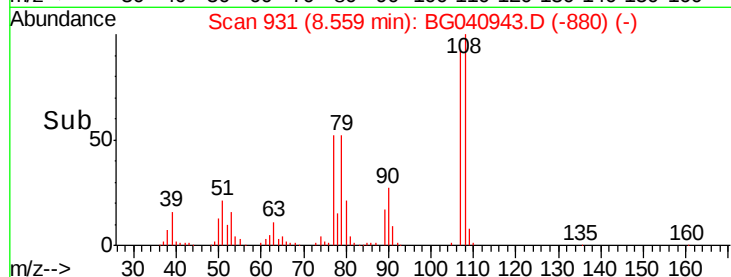
#17
2-Methylphenol
Concen: 38.885 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Instrument :
BNA_G
ClientSampleId :
ICVBG052919

Tot Ion:	107	Resp:	148212
Ion	Ratio	Lower	Upper
107	100		
108	108.2	87.7	131.5
77	56.2	46.6	70.0
79	56.1	44.6	66.8

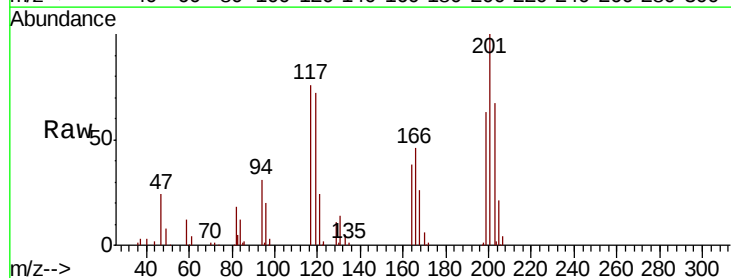


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

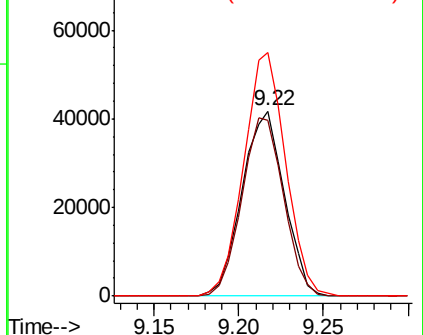
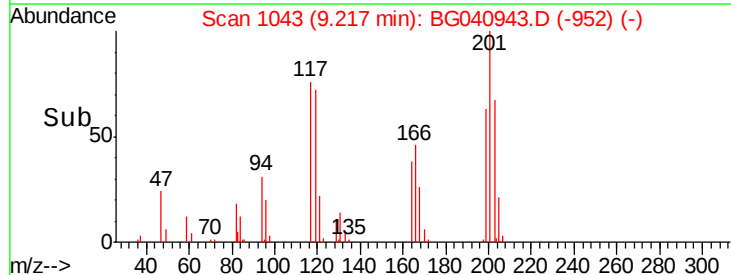


#18
Hexachloroethane
Concen: 41.068 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion:	117	Resp:	72526
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
201	131.5	103.5	155.3



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: 39.847 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

Tot Ion: 70 Resp: 150557

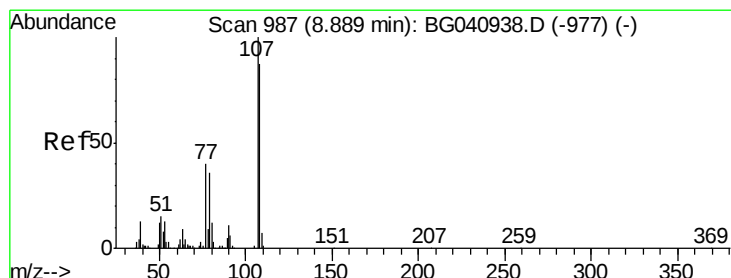
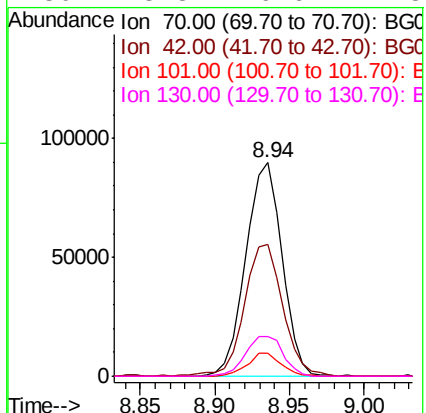
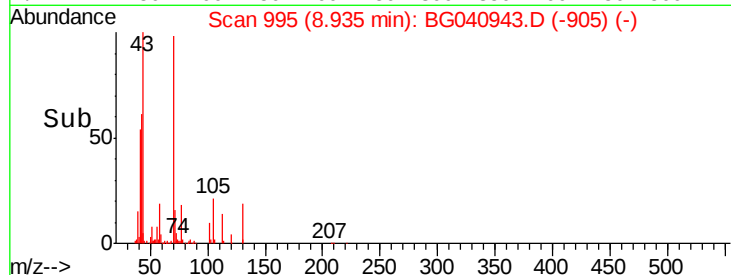
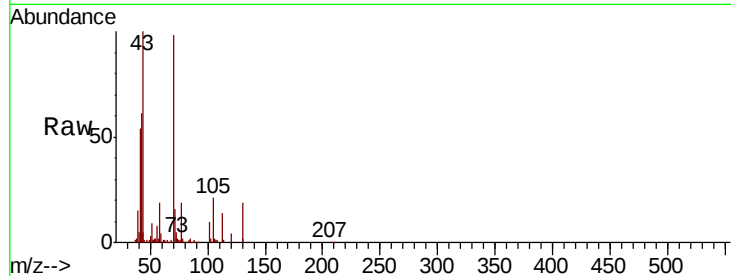
Ion Ratio Lower Upper

70 100

42 62.0 51.5 77.3

101 10.5 8.1 12.1

130 18.8 16.6 24.8



#20

3+4-Methylphenols

Concen: 38.650 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Tgt Ion: 107 Resp: 204064

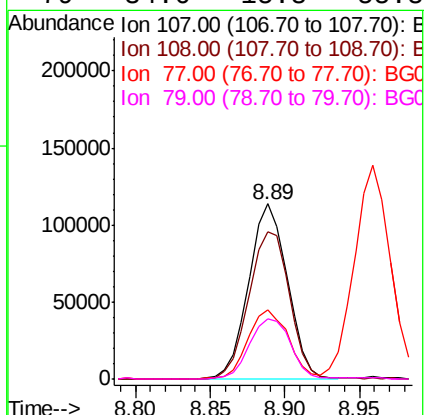
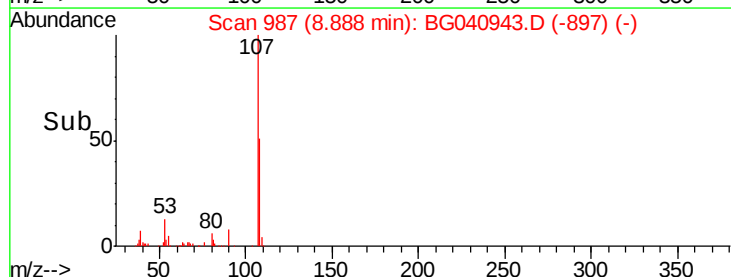
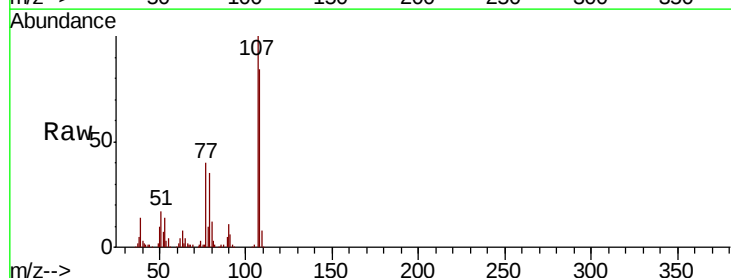
Ion Ratio Lower Upper

107 100

108 84.0 66.8 106.8

77 39.7 20.5 60.5

79 34.6 15.8 55.8

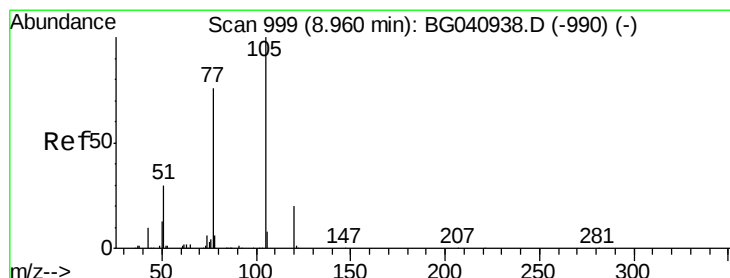
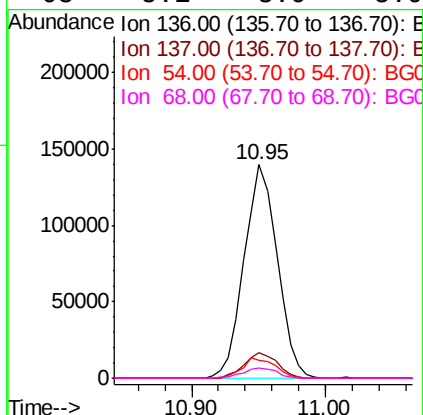
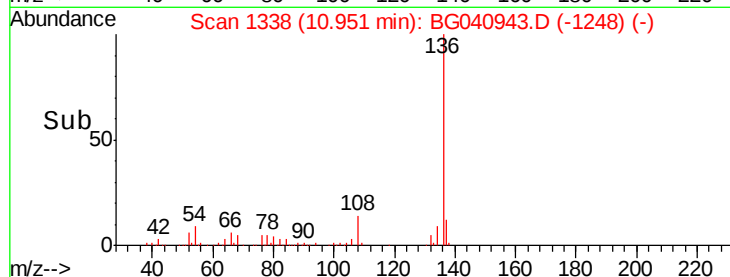
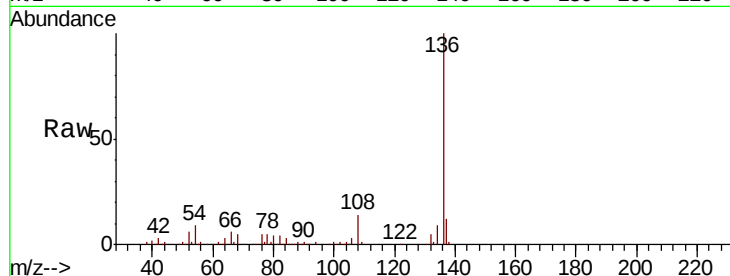




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

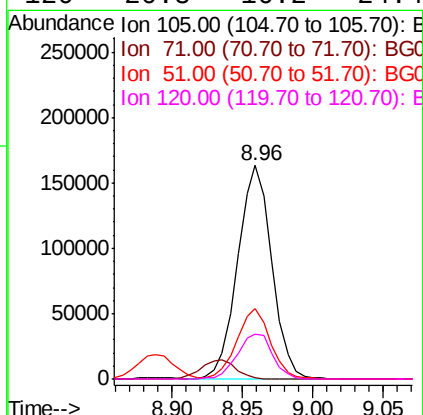
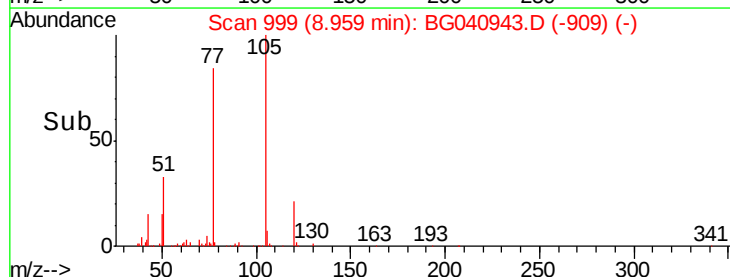
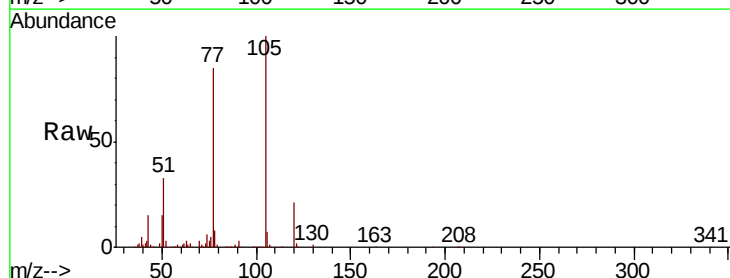
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

Tot Ion:136	Resp:	240359
Ion Ratio	Lower	Upper
136 100		
137 12.3	9.5	14.3
54 8.5	7.6	11.4
68 5.1	3.9	5.9



#22
Acetophenone
Concen: 40.774 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt	Ion:105	Resp:	274920
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.4	0.6#
51	33.2	27.0	40.6
120	20.8	16.2	24.4

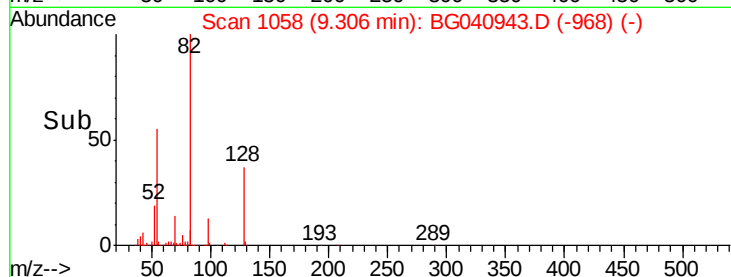
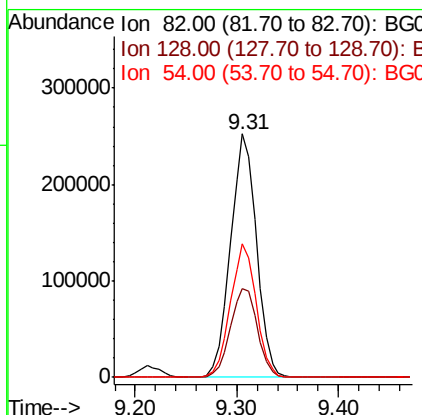
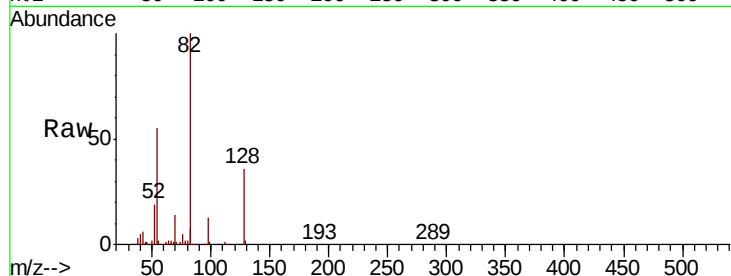




#23
 Nitrobenzene-d5
 Concen: 82.616 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

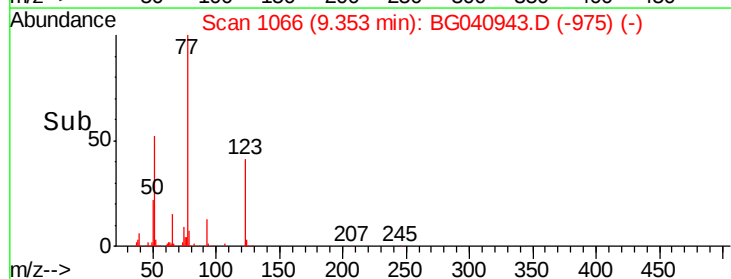
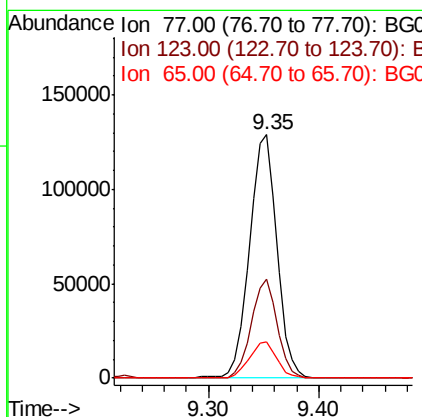
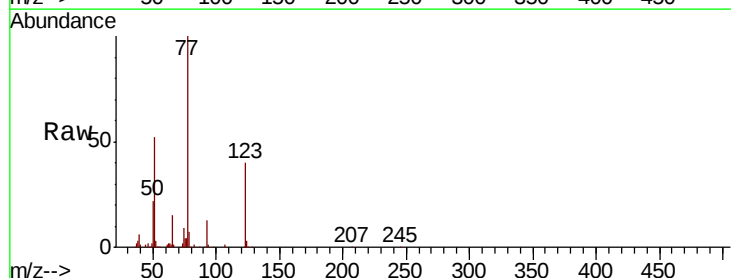
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

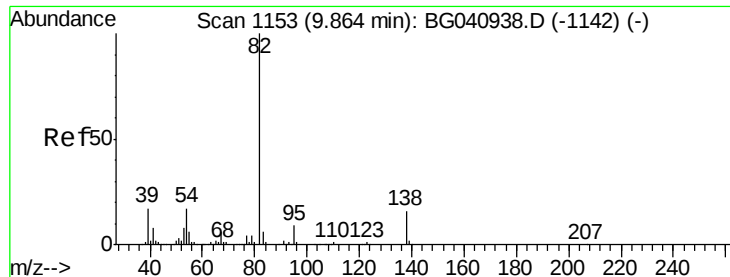
Tot Ion	82	Resp	447305
Ion Ratio	Lower	Upper	
82	100		
128	36.5	30.5	45.7
54	54.8	44.6	66.8



#24
 Nitrobenzene
 Concen: 40.890 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion	77	Resp	225614
Ion Ratio	Lower	Upper	
77	100		
123	40.5	30.6	46.0
65	14.7	12.3	18.5





#25

Isophorone

Concen: 41.094 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

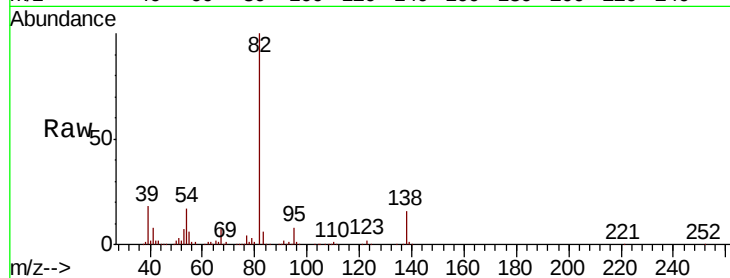
Tot Ion: 82 Resp: 423426

Ion Ratio Lower Upper

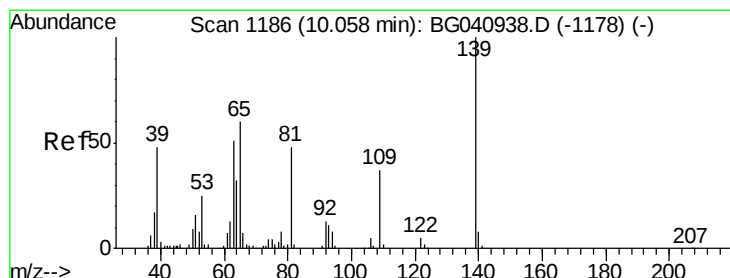
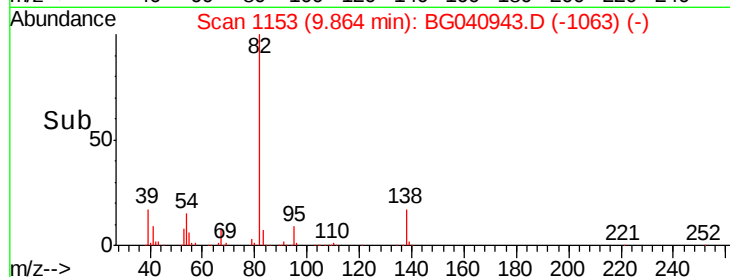
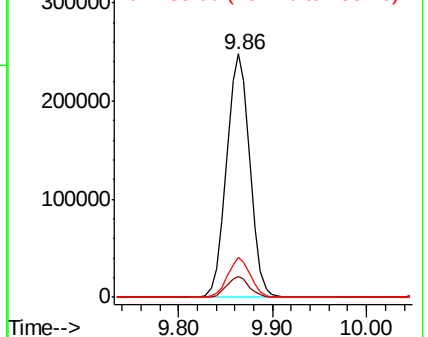
82 100

95 8.3 7.0 10.4

138 16.4 12.6 19.0



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: 41.714 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

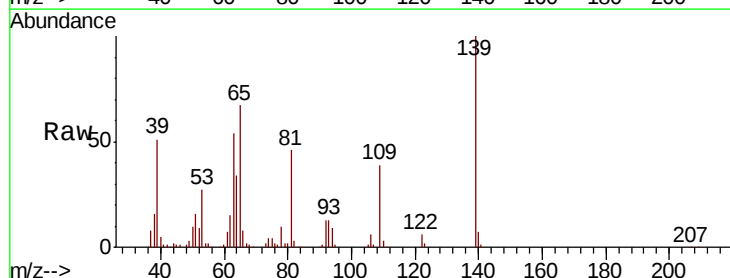
Tgt Ion: 139 Resp: 94884

Ion Ratio Lower Upper

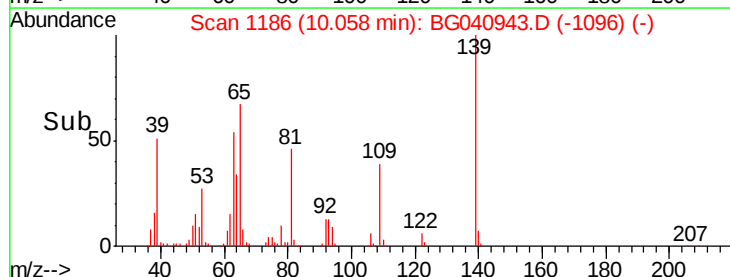
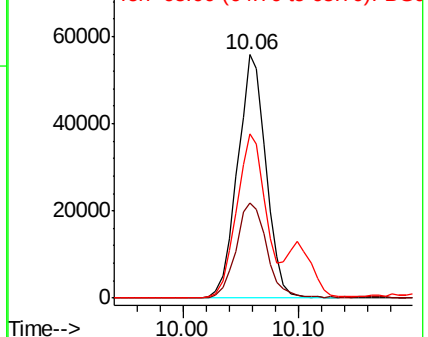
139 100

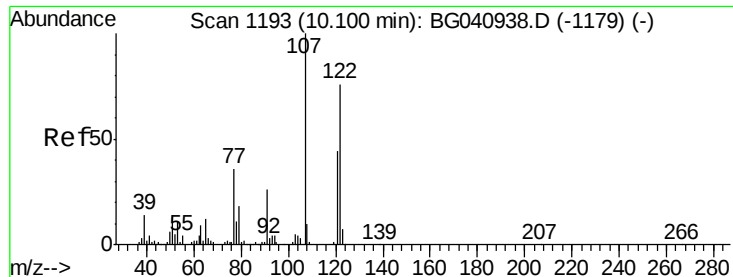
109 38.8 29.8 44.6

65 67.4 47.8 71.6



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: 41.255 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

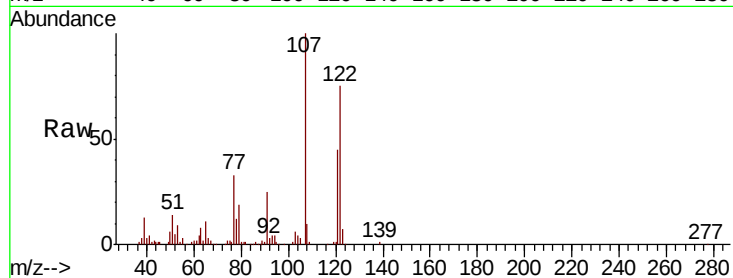
Tot Ion:122 Resp: 154982

Ion Ratio Lower Upper

122 100

107 134.1 105.9 158.9

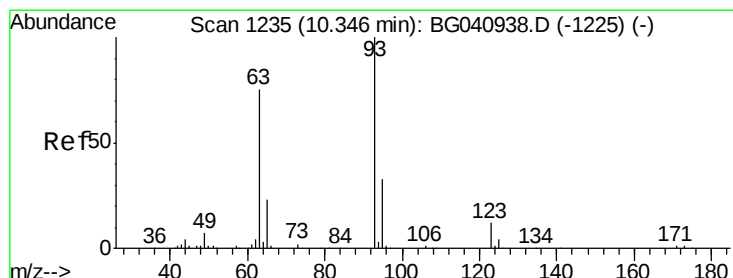
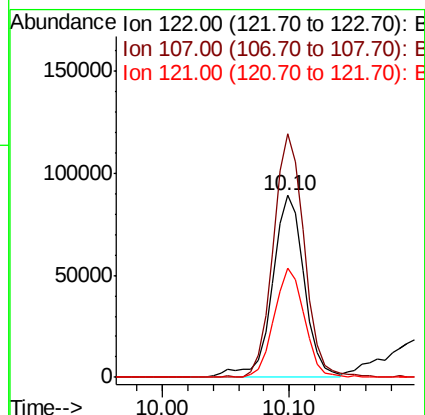
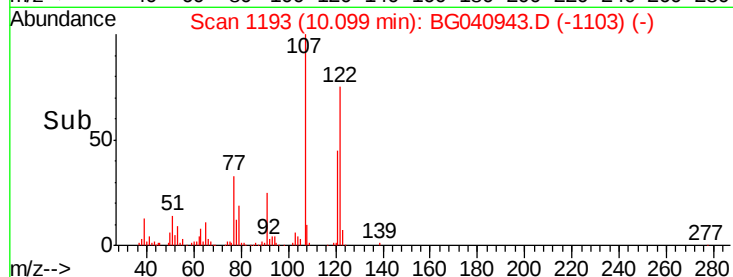
121 60.2 46.2 69.4



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: 40.796 ng

RT: 10.35 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

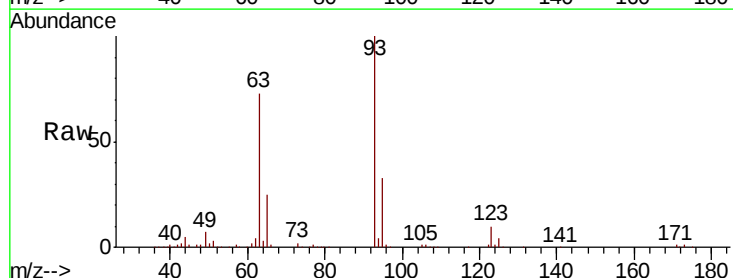
Tgt Ion: 93 Resp: 226877

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

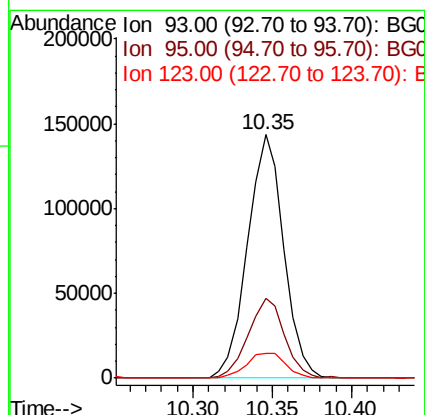
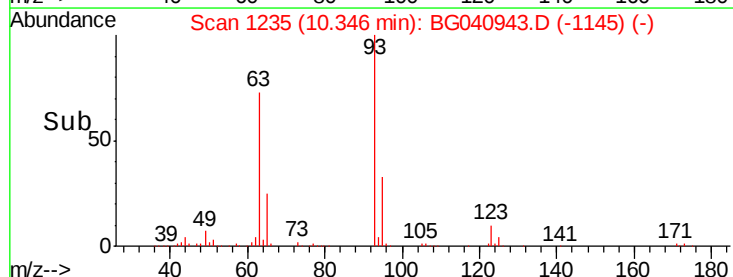
123 10.2 9.5 14.3

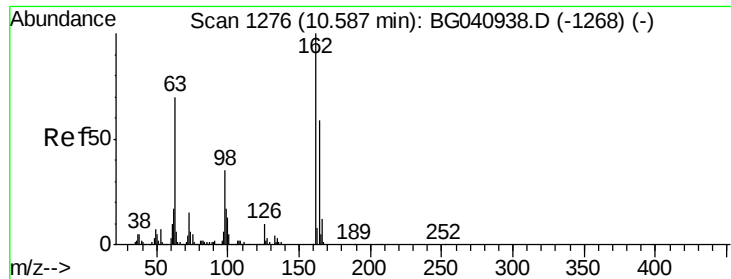


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

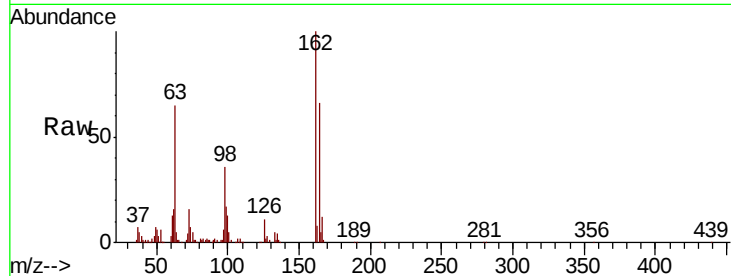




#29
 2,4-Dichlorophenol
 Concen: 39.282 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	39.4	79.4
98	36.0	15.3	55.3

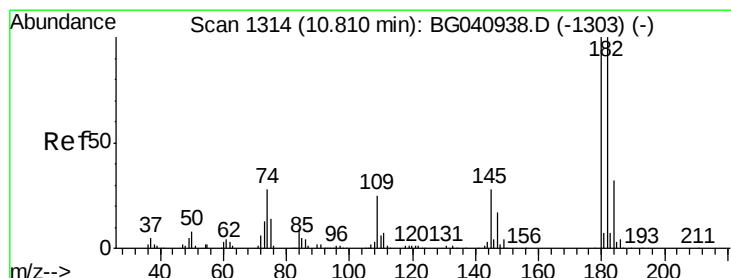
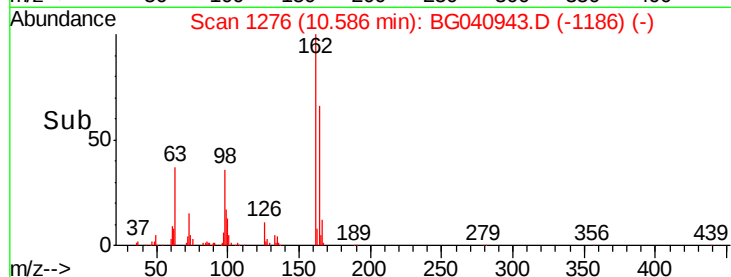
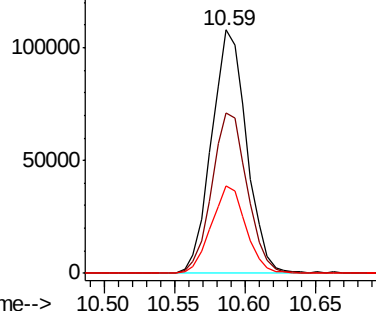


Abundance

Ion 162.00 (161.70 to 162.70): E

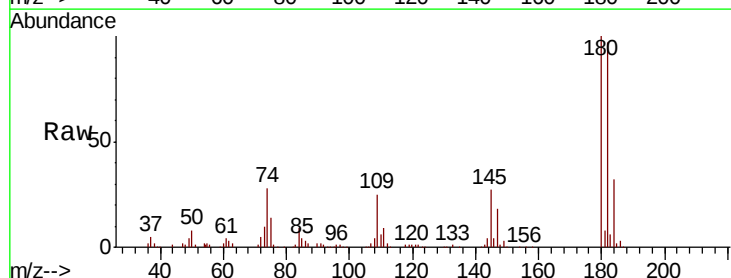
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.481 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	79.7	119.5
145	27.1	22.6	34.0

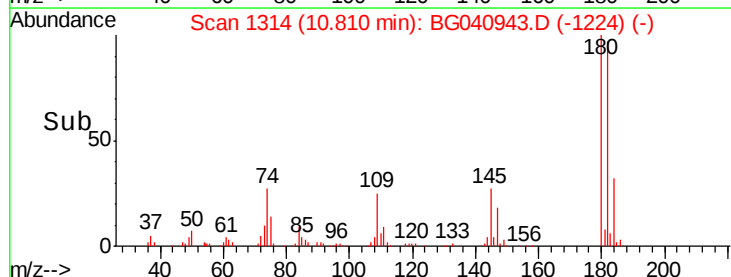
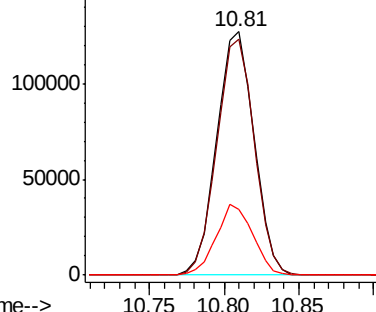


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

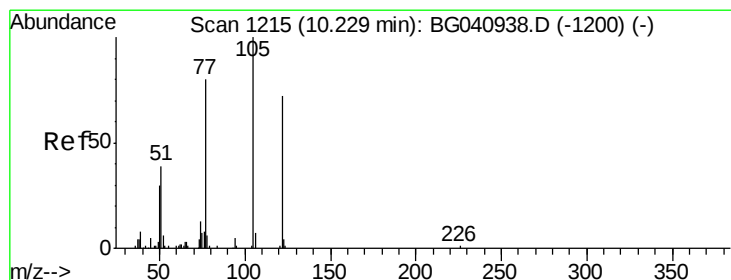
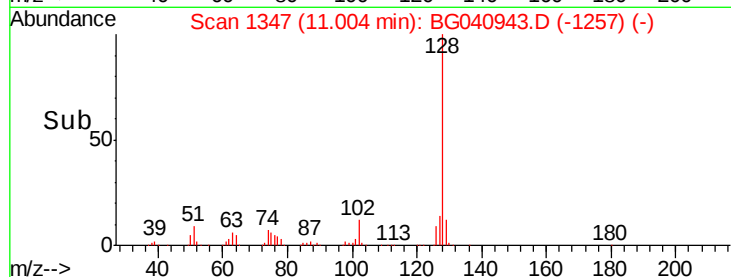
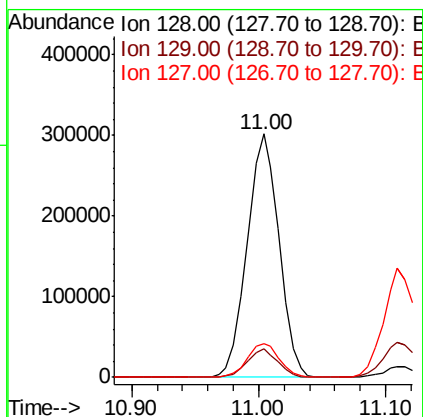
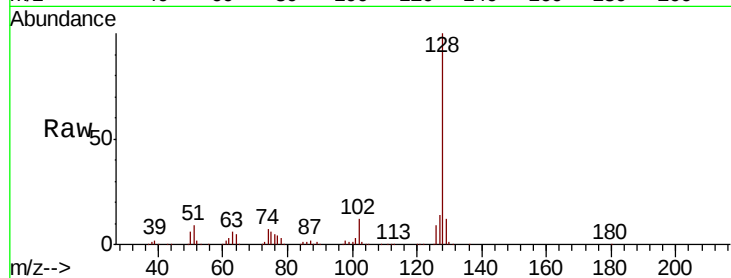




#31
Naphthalene
Concen: 40.982 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

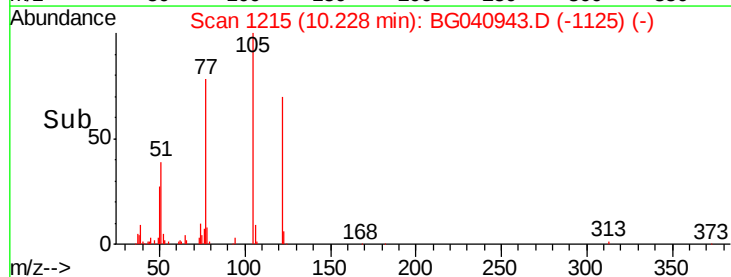
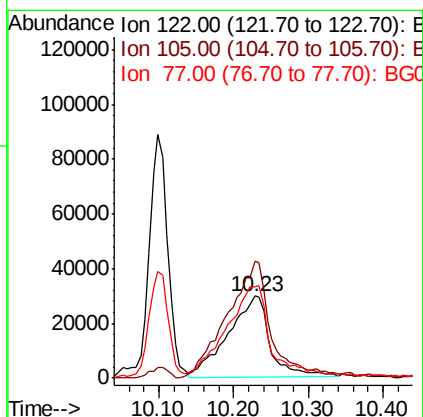
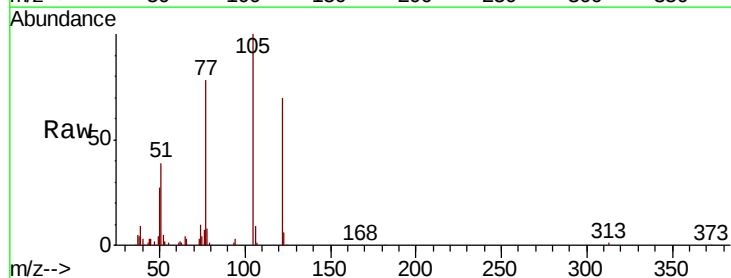
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

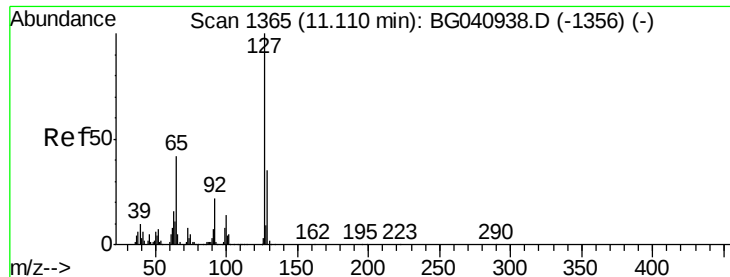
Tot Ion:128 Resp: 528876
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.7 11.4 17.2



#32
Benzoic acid
Concen: 40.793 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion:122 Resp: 114867
Ion Ratio Lower Upper
122 100
105 142.7 114.8 154.8
77 112.0 89.9 129.9

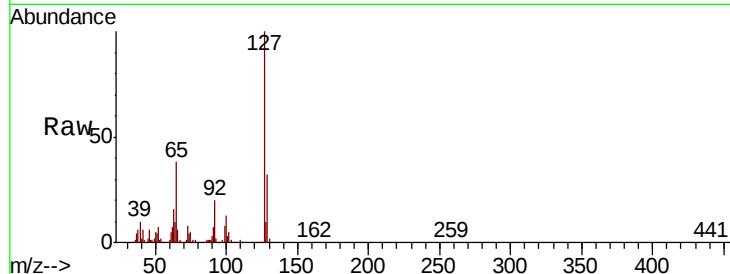




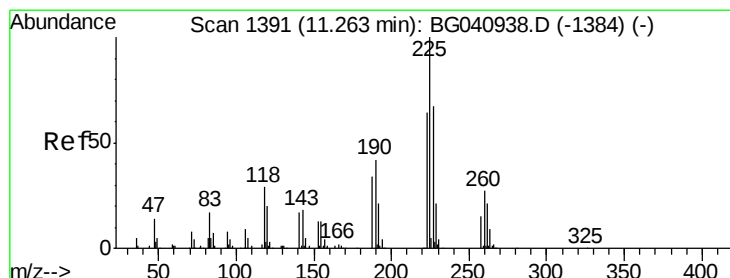
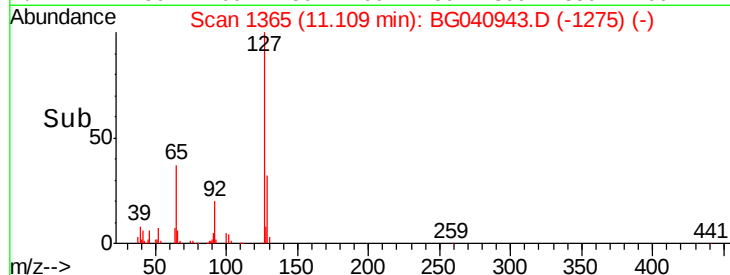
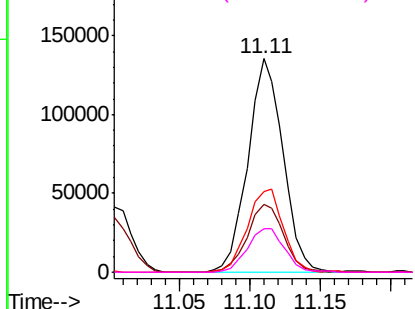
#33
4-Chloroaniline
Concen: 39.510 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Instrument :
BNA_G
ClientSampleId :
ICVBG052919

Tot Ion:127	Resp:	236579	
Ion Ratio	Lower	Upper	
127 100			
129 31.7	27.7	41.5	
65 37.7	33.2	49.8	
92 20.3	17.2	25.8	

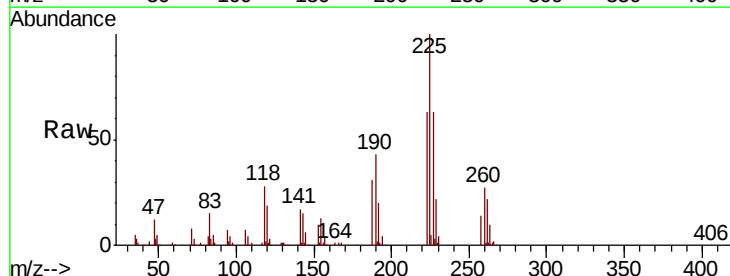


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

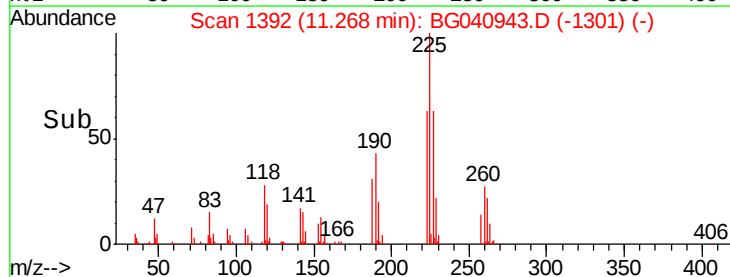
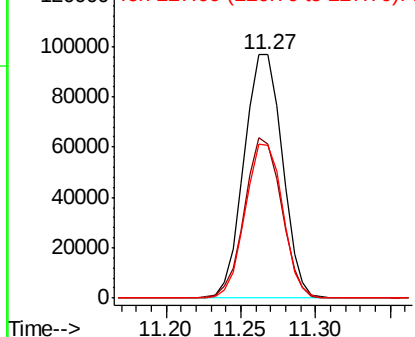


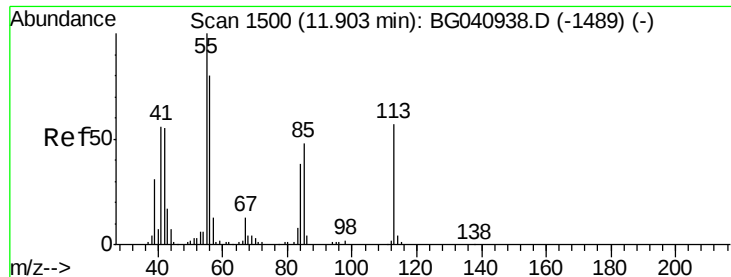
#34
Hexachlorobutadiene
Concen: 41.513 ng
RT: 11.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion	225	Resp: Lower	172382 Upper
	Ratio		
225	100		
223	63.5	48.8	73.2
227	62.7	51.4	77.0



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

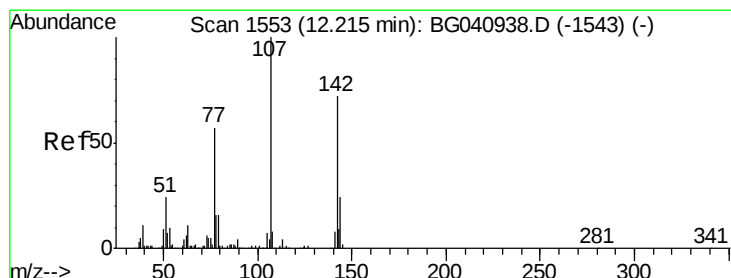
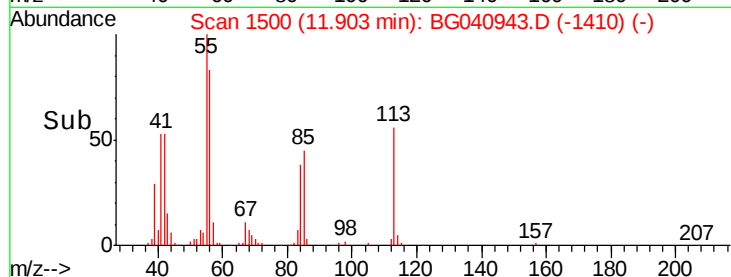
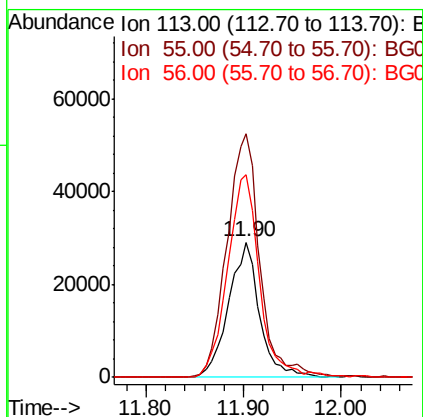
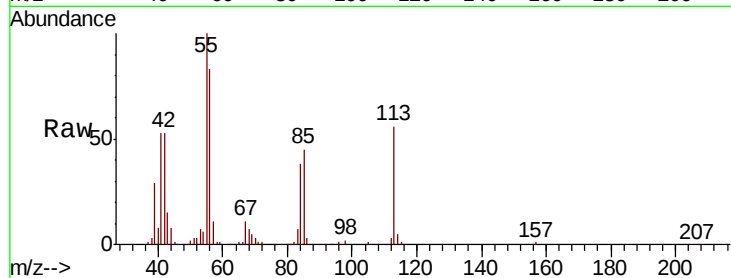




#35
 Caprolactam
 Concen: 40.551 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

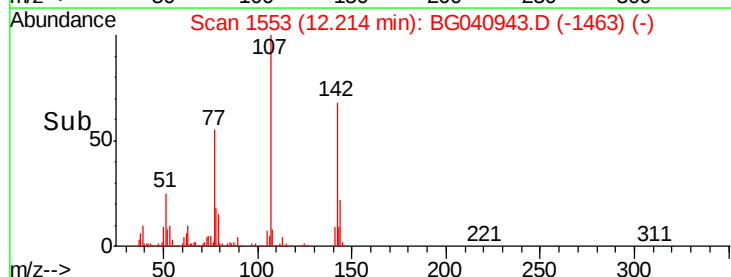
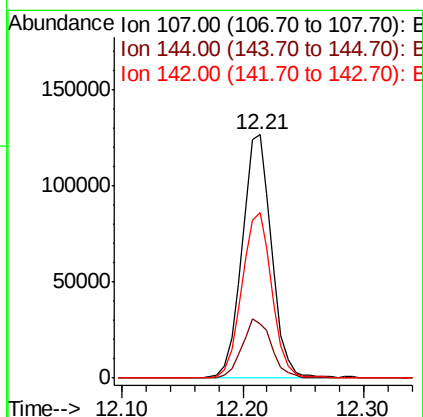
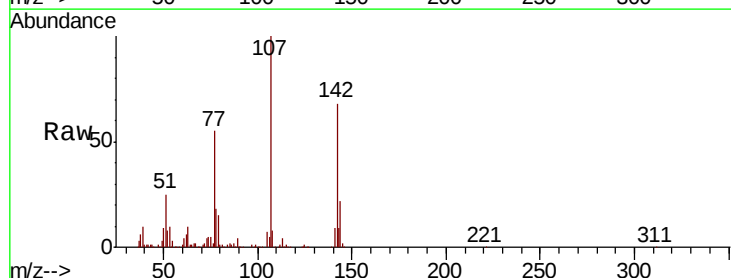
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

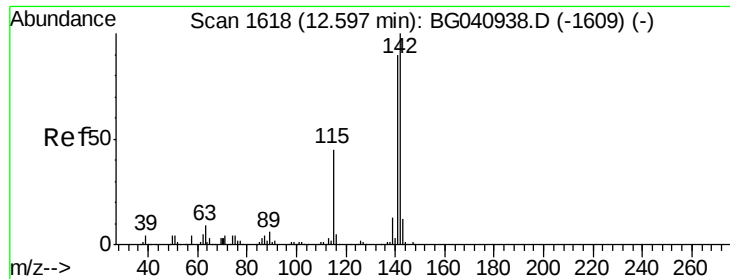
Tot Ion:113 Resp: 63882
 Ion Ratio Lower Upper
 113 100
 55 179.7 155.9 195.9
 56 150.0 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.521 ng
 RT: 12.21 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion:107 Resp: 215322
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.4 29.0
 142 67.9 57.3 85.9

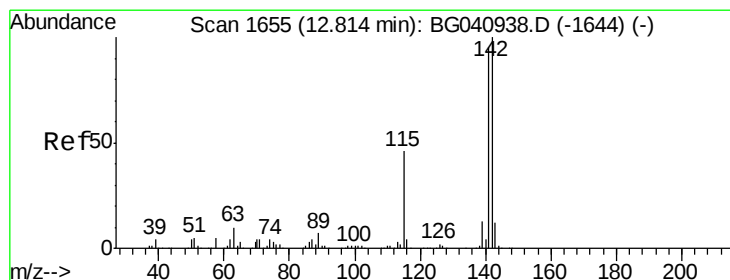
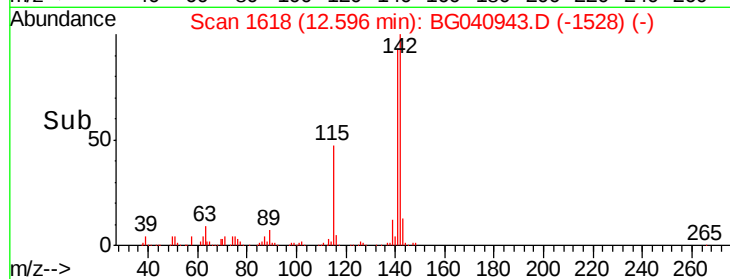
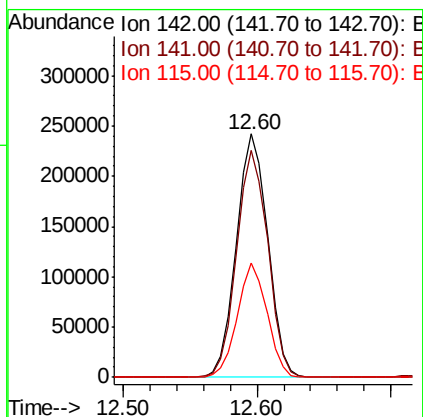
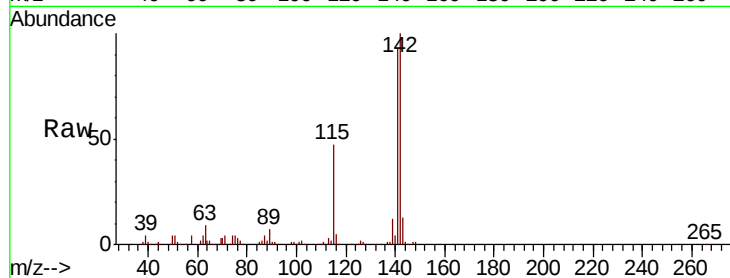




#37
2-Methylnaphthalene
Concen: 39.677 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

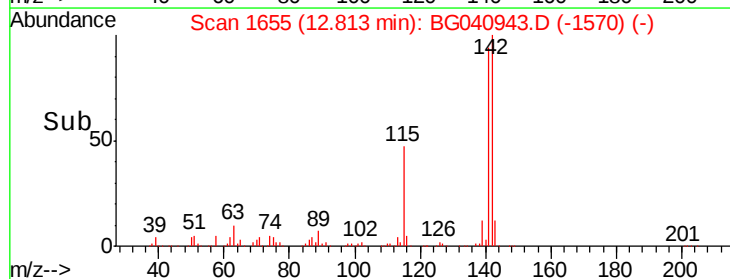
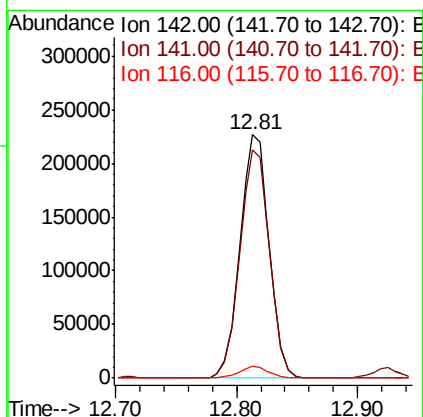
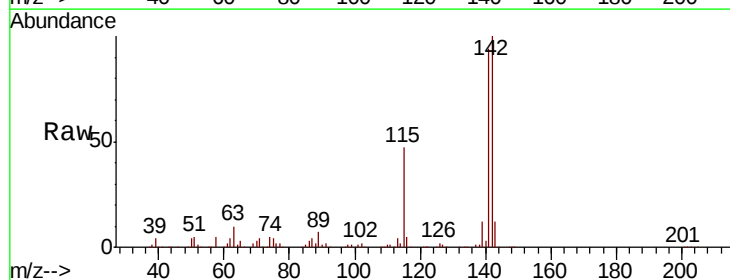
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

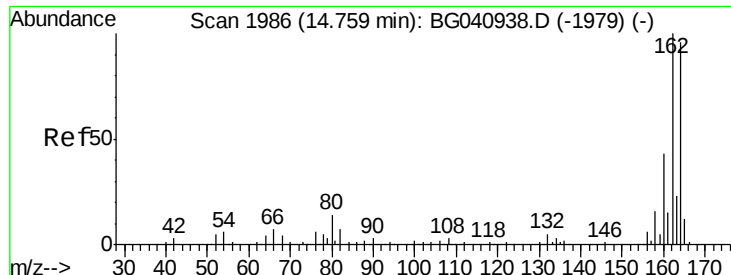
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.2	108.4
115	46.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.401 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

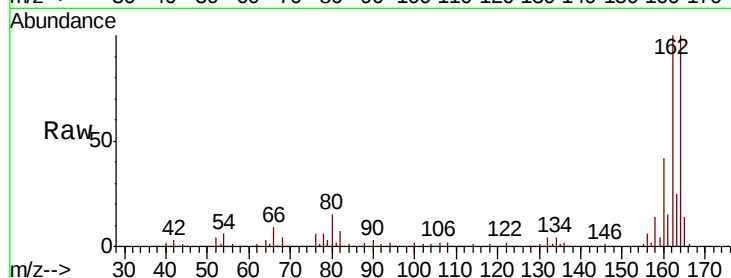
Tot Ion:164 Resp: 181077

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.4

160 42.4 35.6 53.4

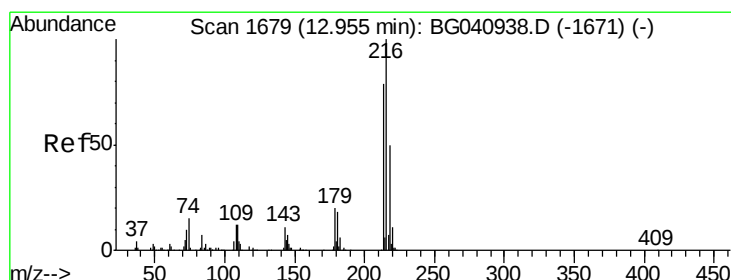
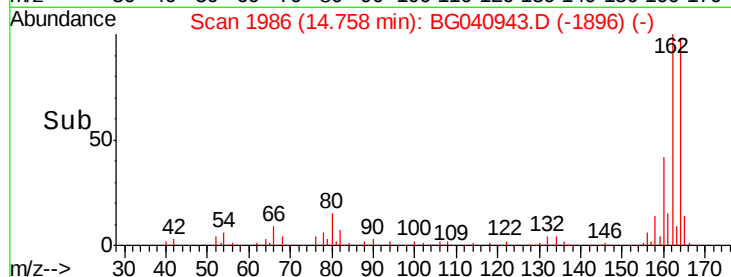
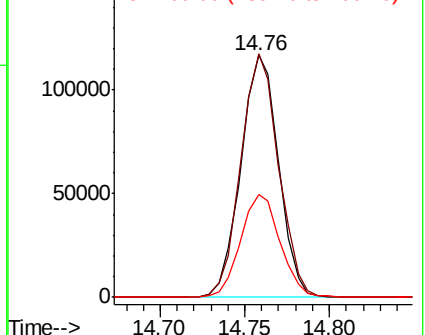


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.832 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Tgt Ion:216 Resp: 290710

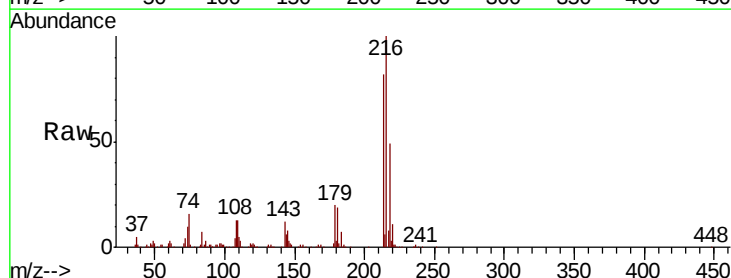
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 19.1 15.2 22.8

108 14.7 11.4 17.2



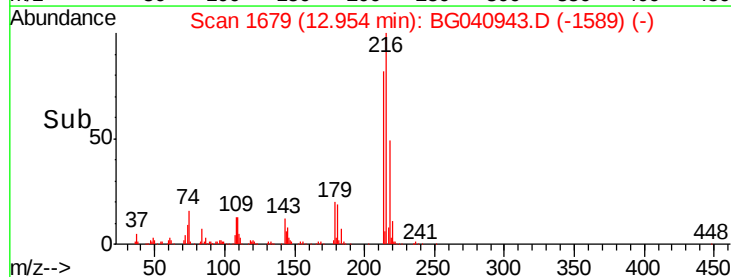
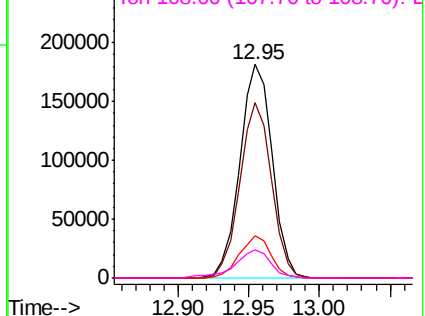
Abundance

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: 41.657 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

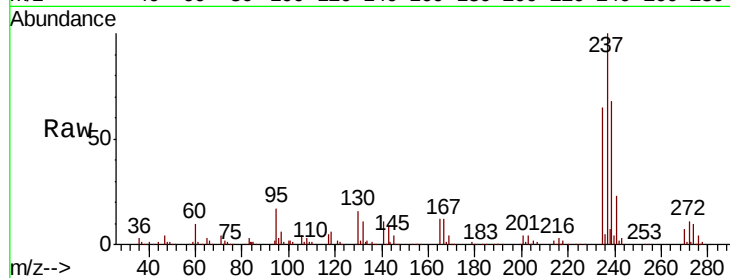
Tot Ion:237 Resp: 146166

Ion Ratio Lower Upper

237 100

235 65.5 45.5 85.5

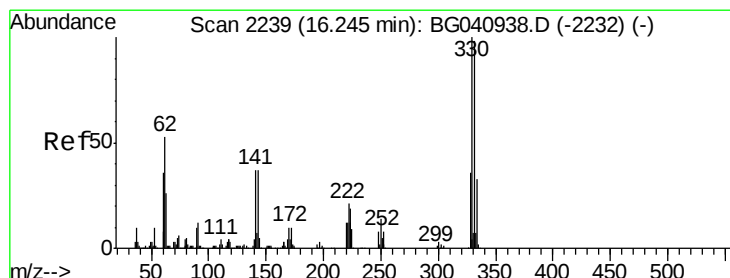
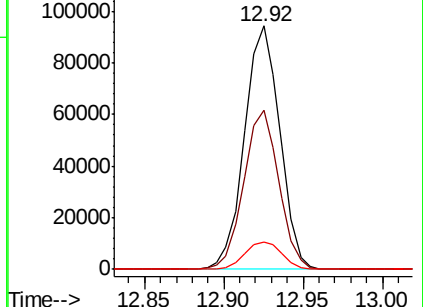
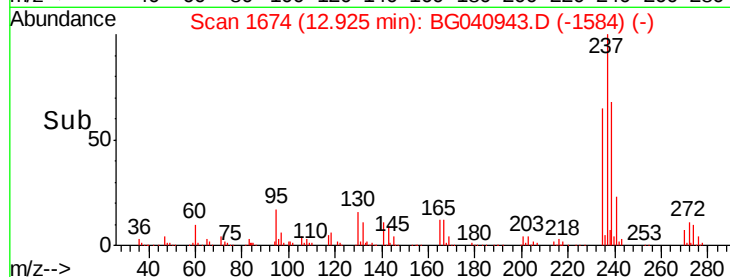
272 11.4 0.0 32.9



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: 81.388 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

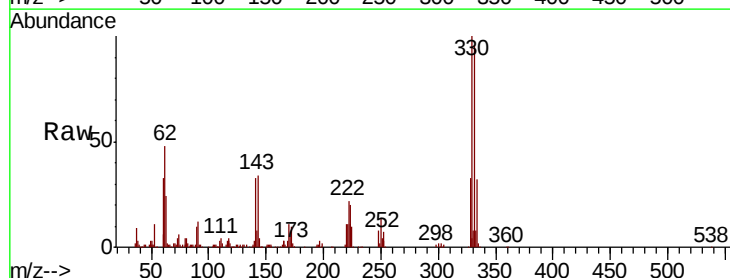
Tgt Ion:330 Resp: 218788

Ion Ratio Lower Upper

330 100

332 95.2 78.5 117.7

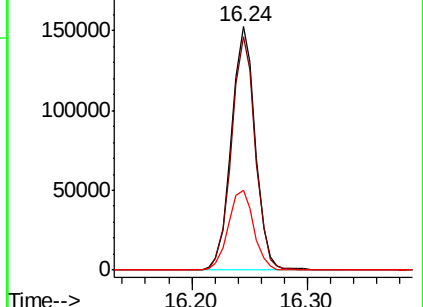
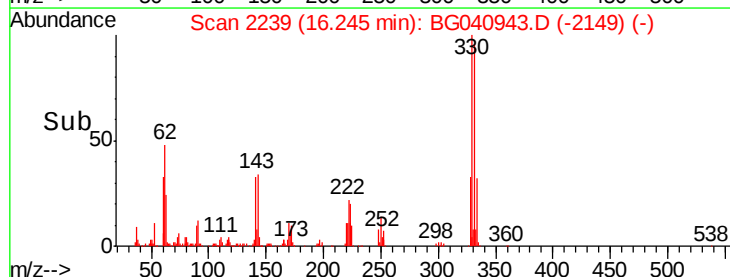
141 34.7 28.7 43.1

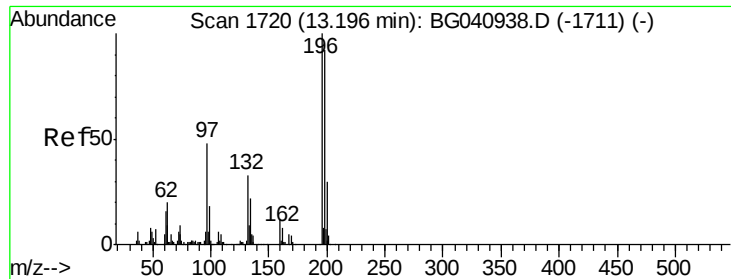


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

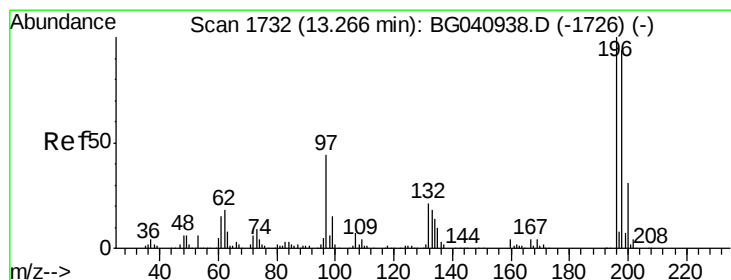
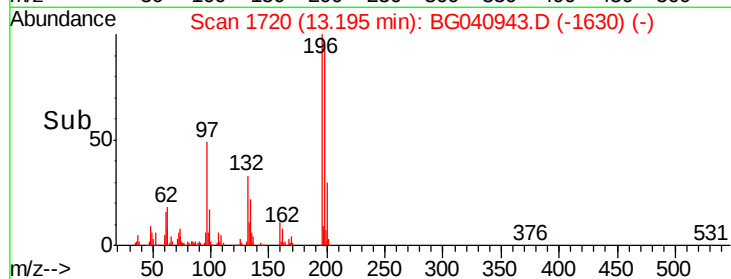
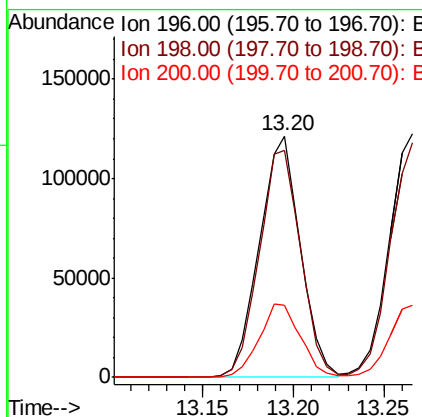
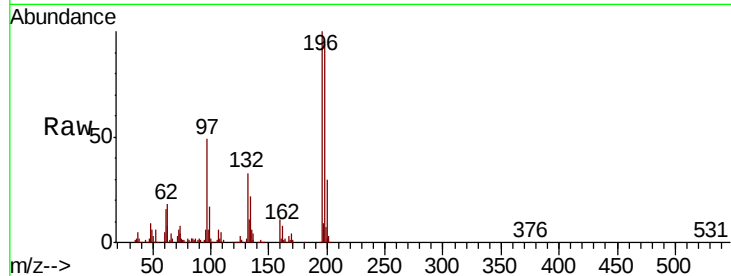




#43
 2,4,6-Trichlorophenol
 Concen: 40.702 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

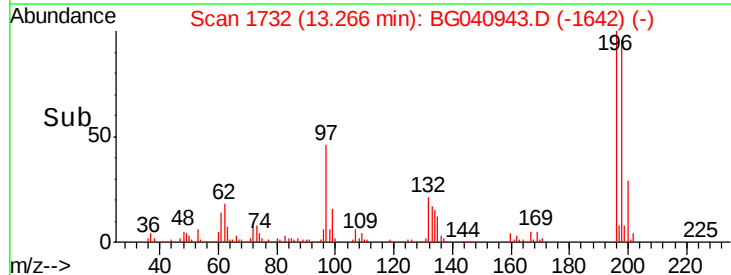
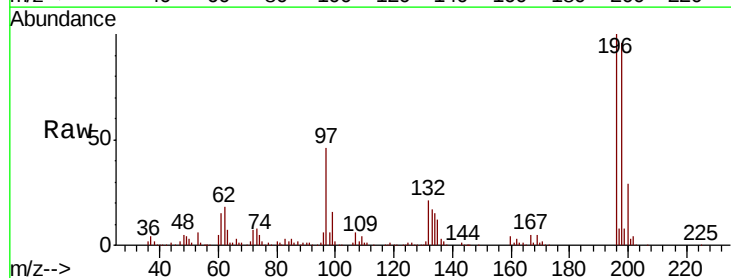
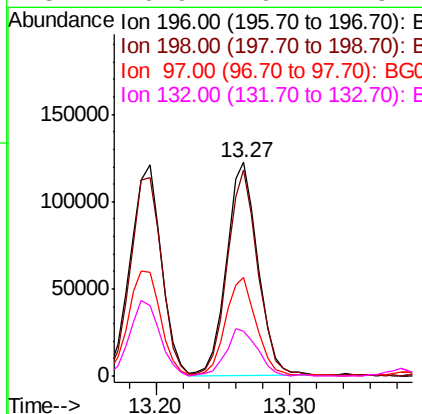
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

Tot Ion	196	Resp	192173
Ion Ratio	Lower	Upper	
196	100		
198	94.0	73.8	110.6
200	30.0	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.093 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion	196	Resp	199639
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.1	112.7
97	46.2	35.6	53.4
132	20.9	16.7	25.1

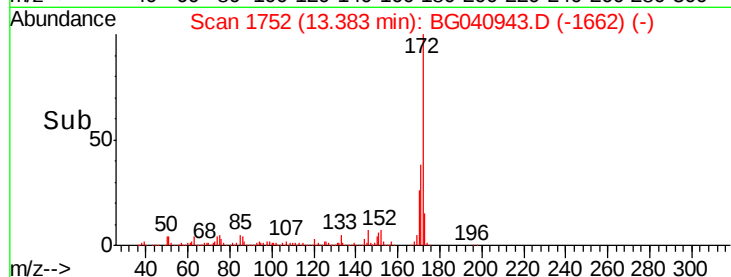
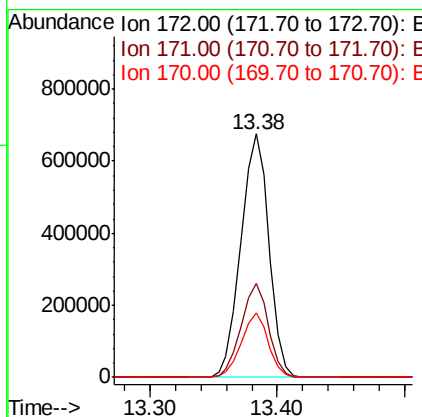
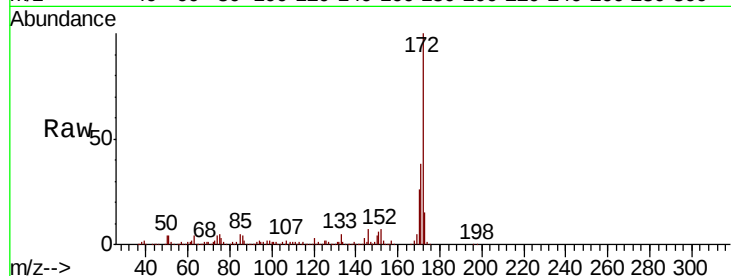




#45
 2-Fluorobiphenyl
 Concen: 82.120 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

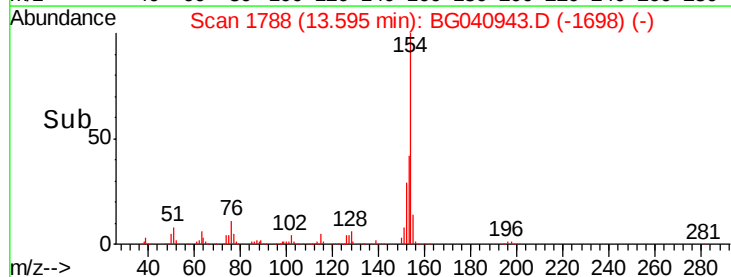
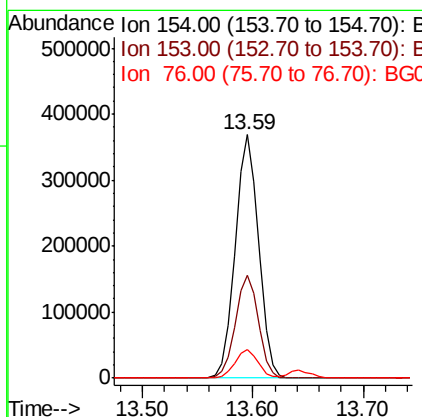
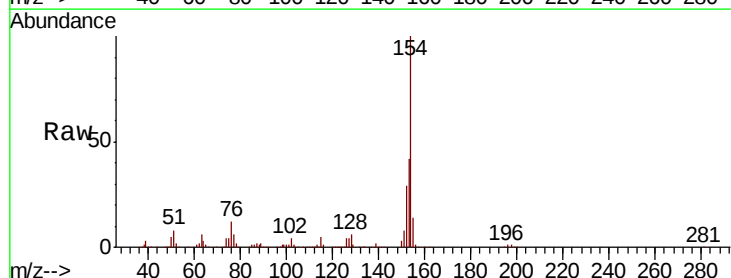
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

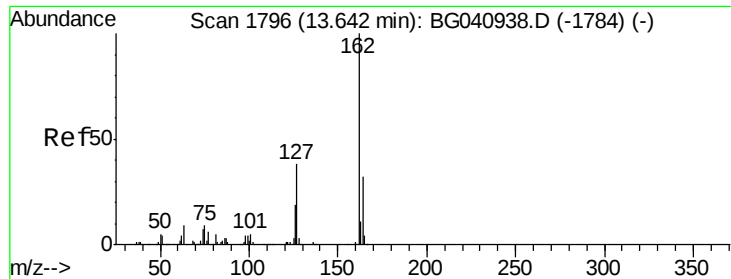
Tot Ion:172 Resp: 1032561
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.1 46.7
 170 26.3 20.5 30.7



#46
 1,1'-Biphenyl
 Concen: 40.764 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion:154 Resp: 546383
 Ion Ratio Lower Upper
 154 100
 153 42.0 23.3 63.3
 76 11.5 0.0 31.1

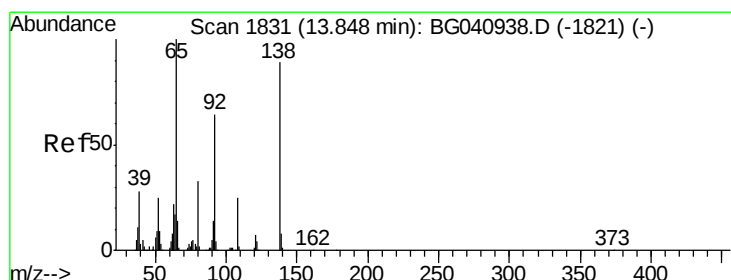
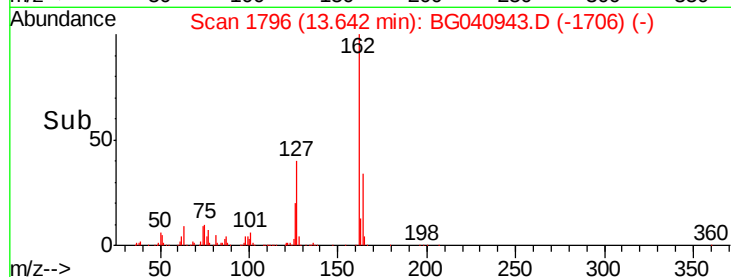
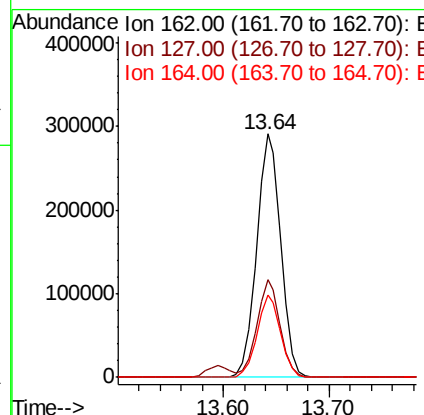
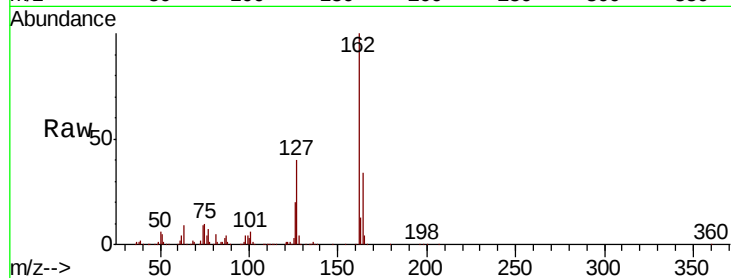




#47
2-Chloronaphthalene
Concen: 40.107 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

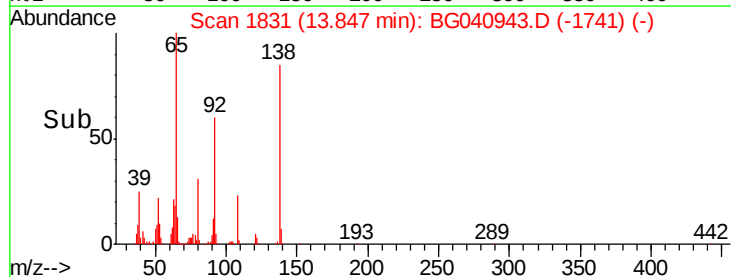
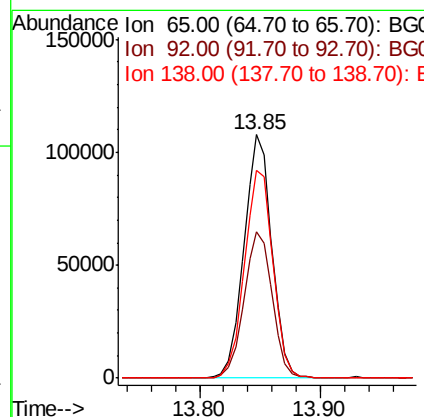
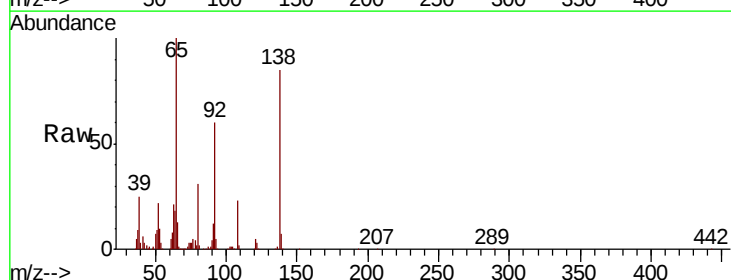
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

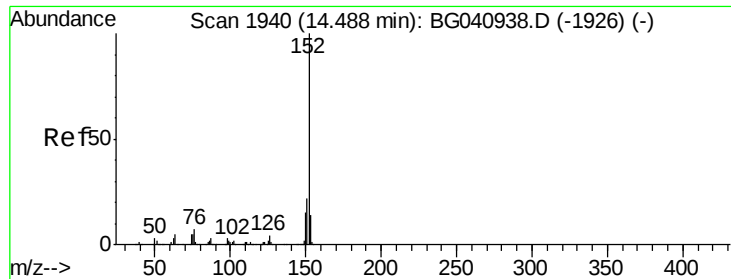
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.5	45.7
164	33.9	25.8	38.6



#48
2-Nitroaniline
Concen: 41.916 ng
RT: 13.85 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.0	51.0	76.6
138	85.4	71.2	106.8





#49

Acenaphthylene

Concen: 40.305 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

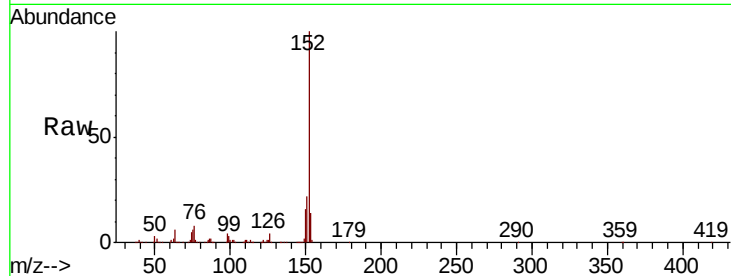
Tot Ion:152 Resp: 698015

Ion Ratio Lower Upper

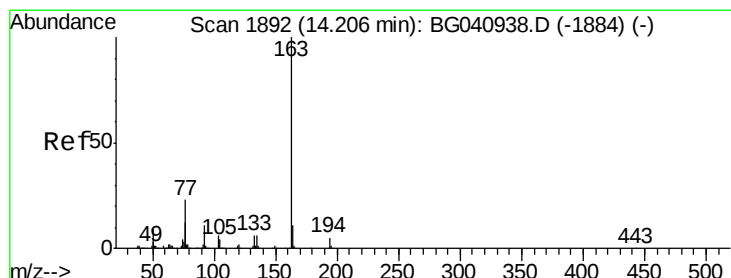
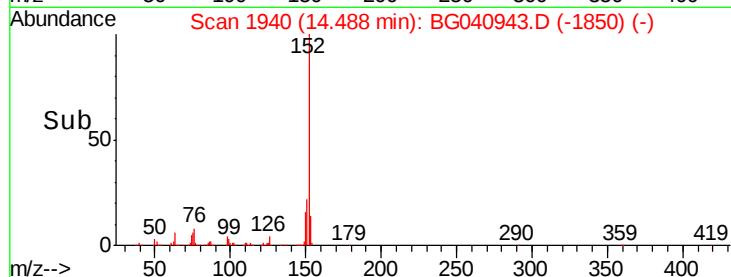
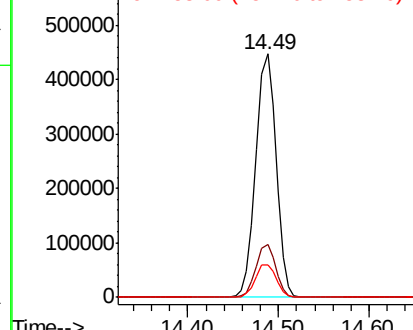
152 100

151 21.7 17.4 26.0

153 13.5 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.094 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

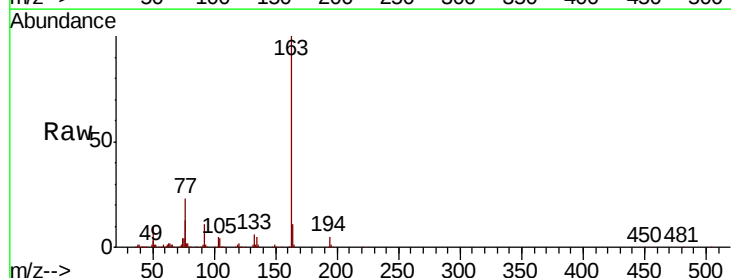
Tgt Ion:163 Resp: 614570

Ion Ratio Lower Upper

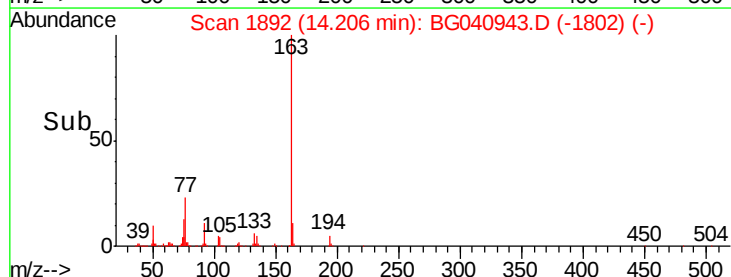
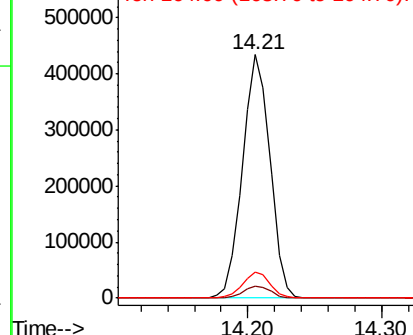
163 100

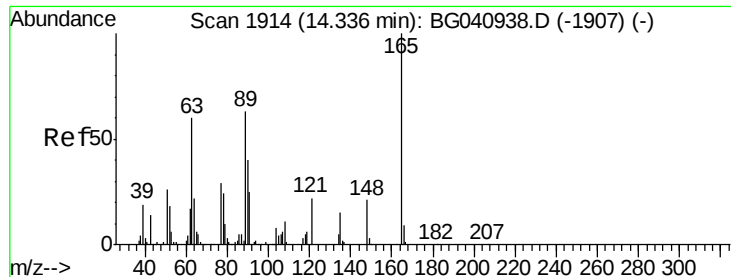
194 4.8 3.8 5.8

164 10.8 8.7 13.1



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

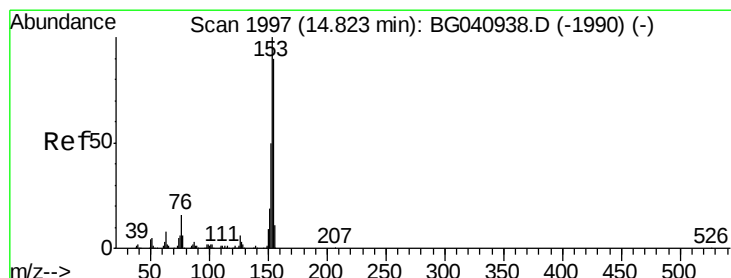
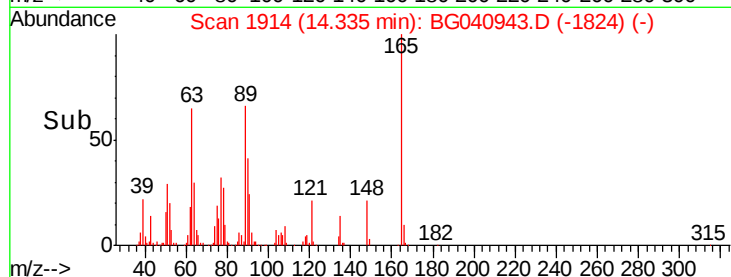
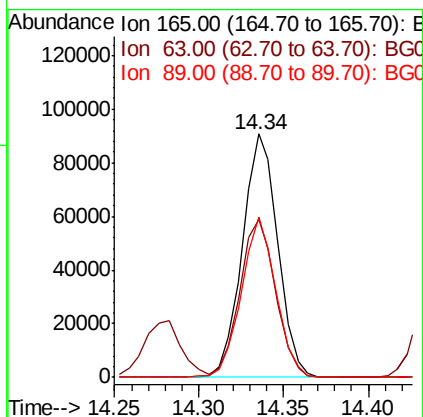
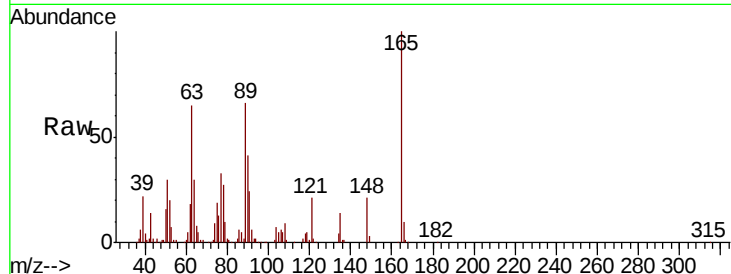




#51
 2,6-Dinitrotoluene
 Concen: 39.964 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

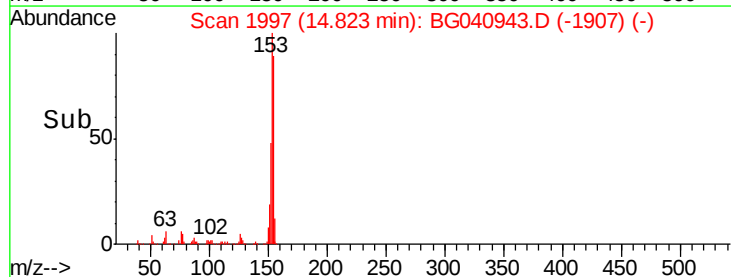
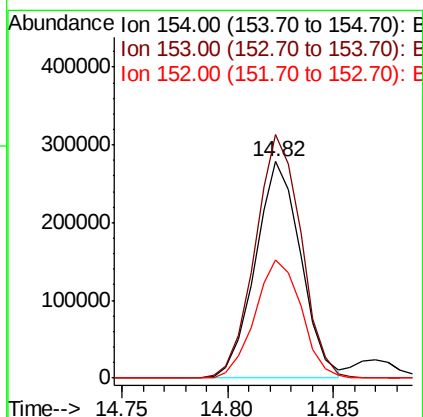
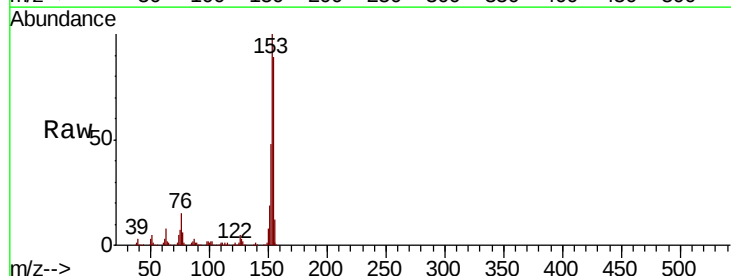
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

Tot Ion:165 Resp: 132076
 Ion Ratio Lower Upper
 165 100
 63 64.8 53.6 80.4
 89 65.8 50.4 75.6



#52
 Acenaphthene
 Concen: 39.872 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion:154 Resp: 418319
 Ion Ratio Lower Upper
 154 100
 153 112.6 88.6 133.0
 152 54.6 44.2 66.4

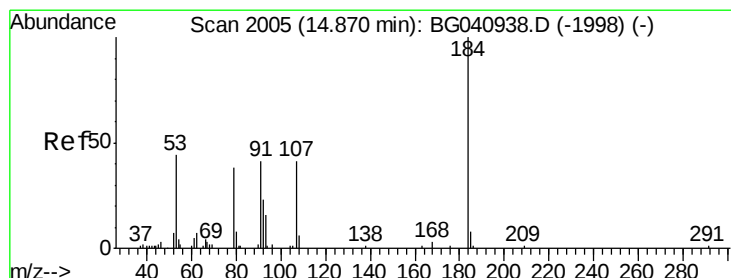
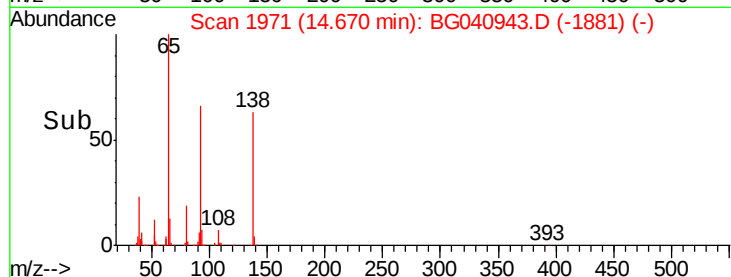
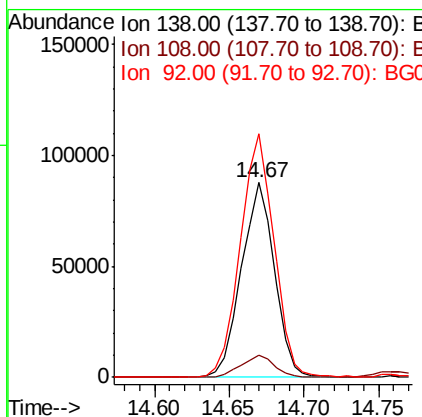
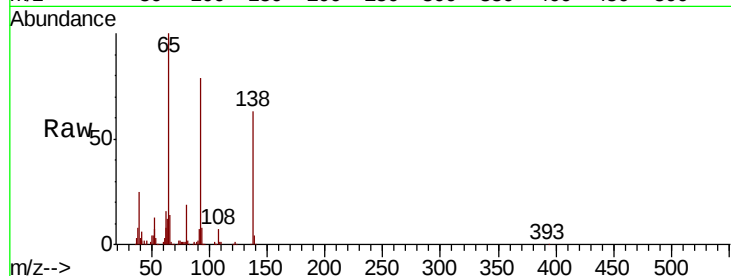




#53
3-Nitroaniline
Concen: 40.833 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

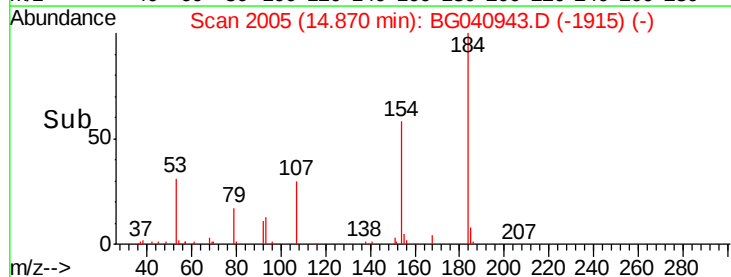
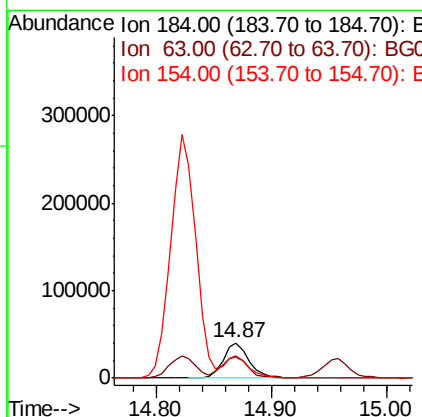
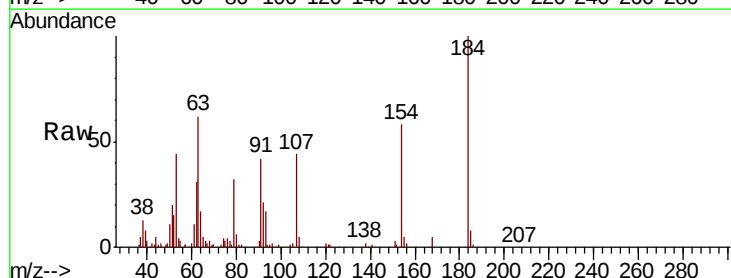
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

Tot Ion:138 Resp: 134943
Ion Ratio Lower Upper
138 100
108 11.4 8.5 12.7
92 124.9 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 46.079 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion:184 Resp: 62537
Ion Ratio Lower Upper
184 100
63 62.2 49.8 74.6
154 58.0 52.2 78.4

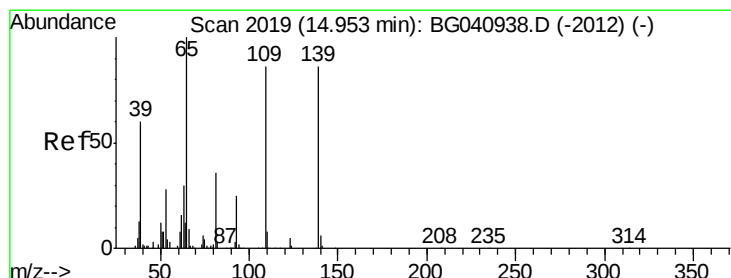
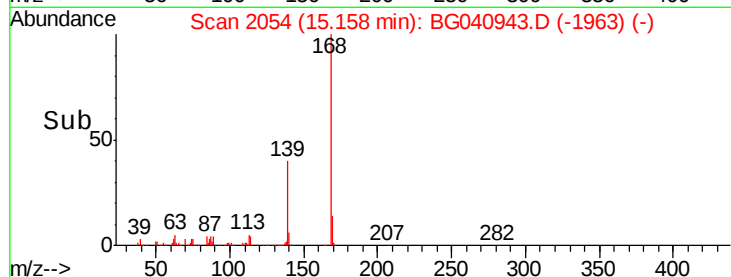
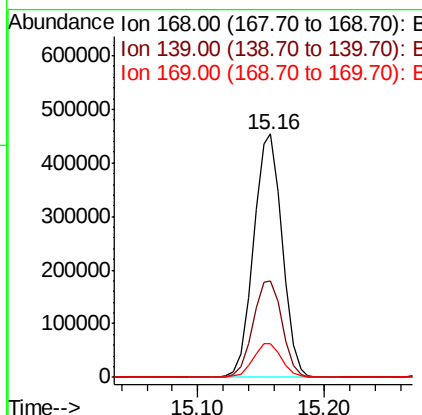
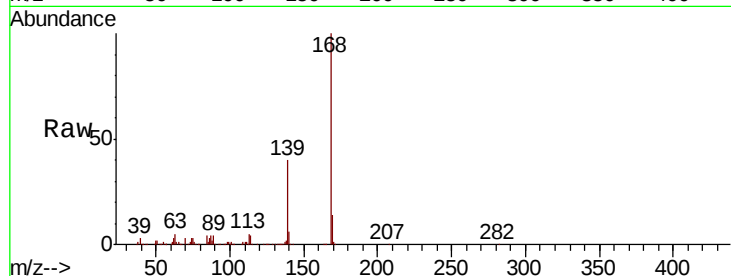




#55
Dibenzenofuran
Concen: 40.264 ng
RT: 15.16 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

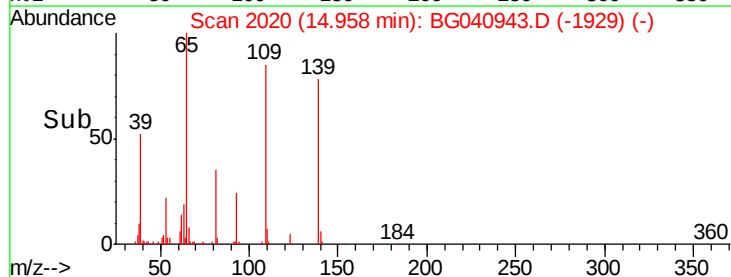
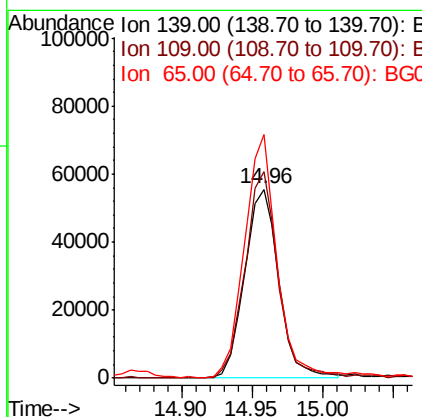
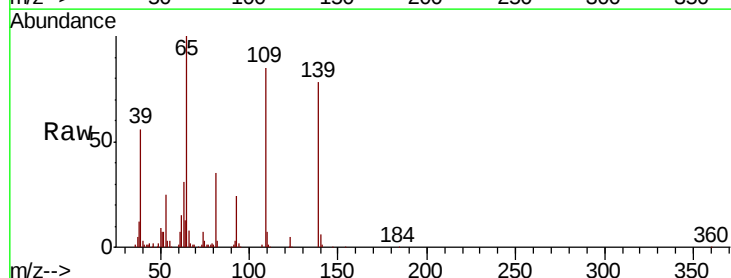
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

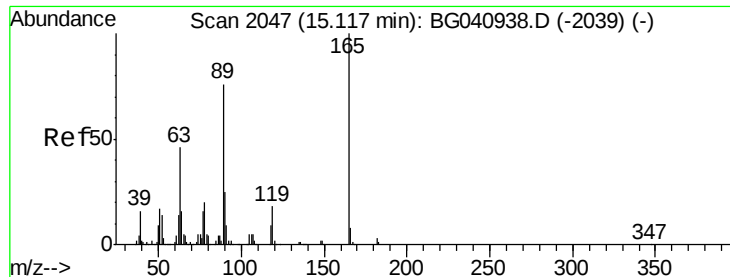
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.8	49.2
169	13.9	11.3	16.9



#56
4-Nitrophenol
Concen: 41.550 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.2	79.6	119.6
65	128.9	96.9	136.9

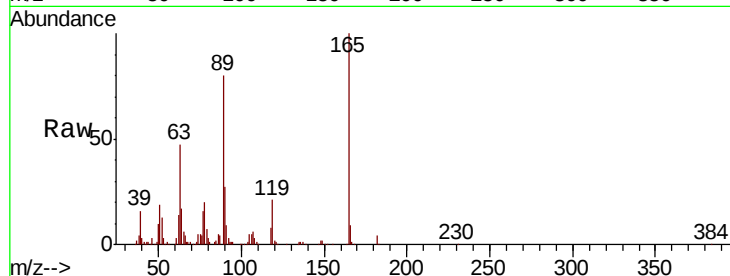




#57
 2,4-Dinitrotoluene
 Concen: 40.868 ng
 RT: 15.12 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.8	37.3	55.9
89	80.0	61.0	91.6
182	3.6	2.2	3.2#



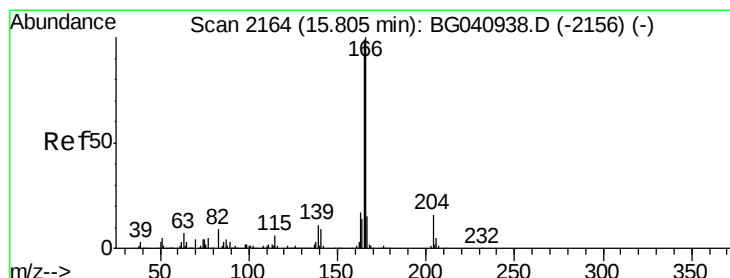
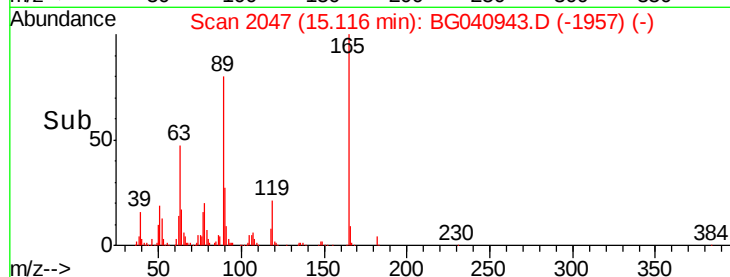
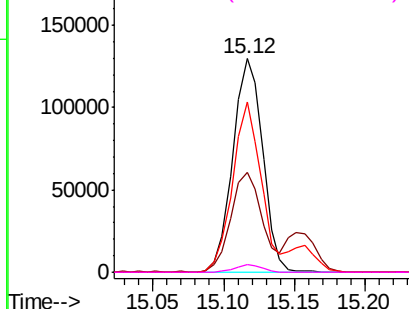
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

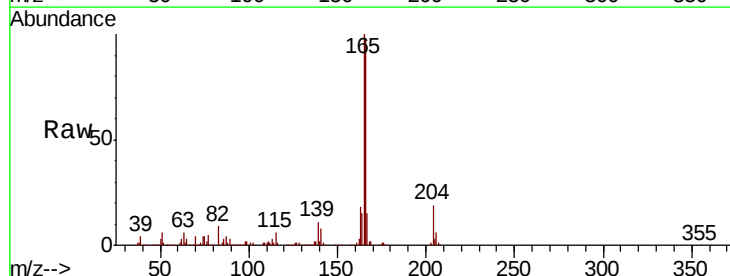
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.816 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.2	118.8
167	15.4	11.8	17.6

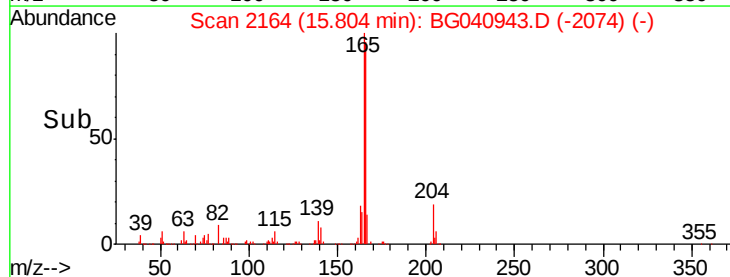
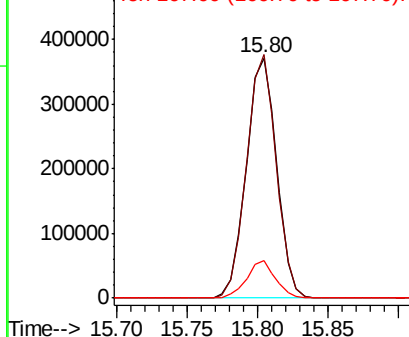


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

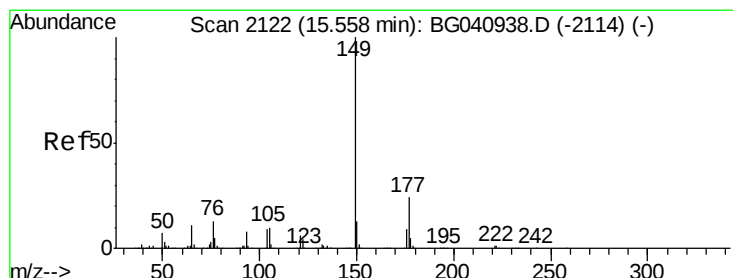
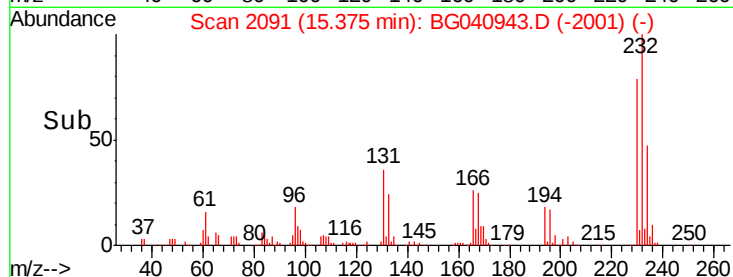
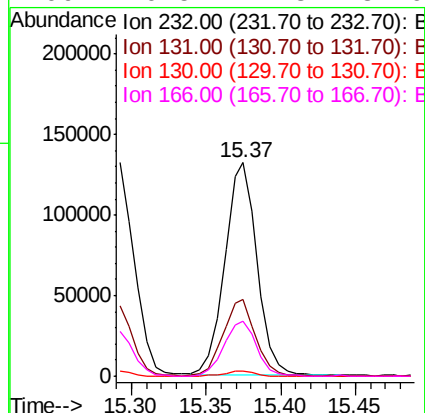
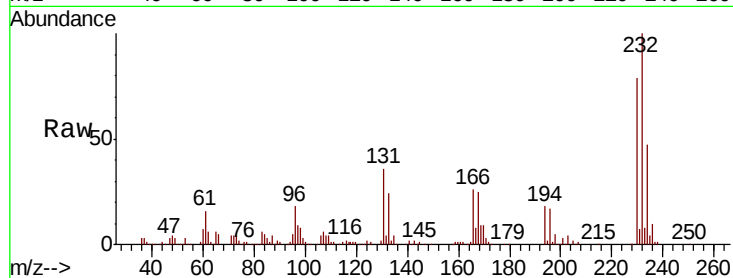




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.566 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

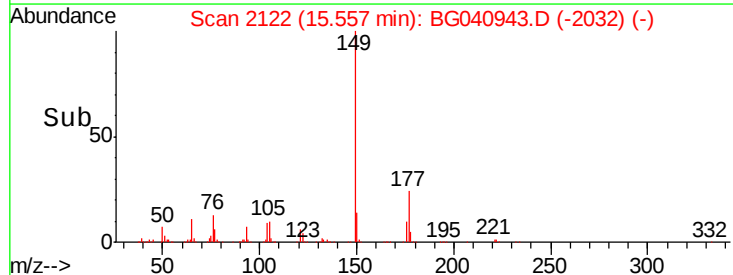
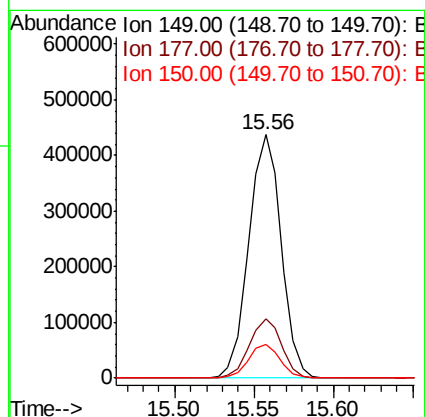
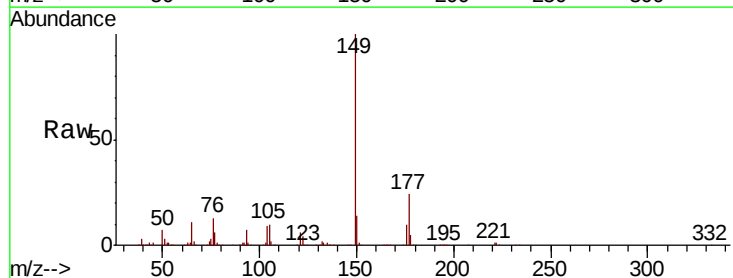
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

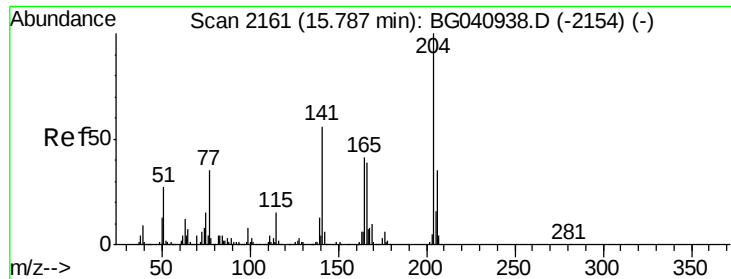
Tot Ion:232	Resp:	198509
Ion Ratio	Lower	Upper
232	100	
131	36.2	30.3 45.5
130	2.3	1.8 2.8
166	26.5	21.3 31.9



#60
 Diethylphthalate
 Concen: 39.545 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion:149	Resp:	618592
Ion Ratio	Lower	Upper
149	100	
177	24.4	19.4 29.0
150	13.7	10.3 15.5

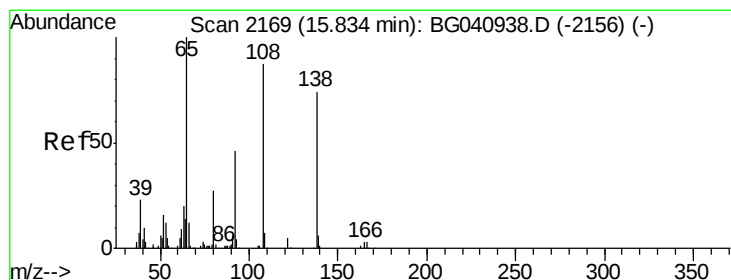
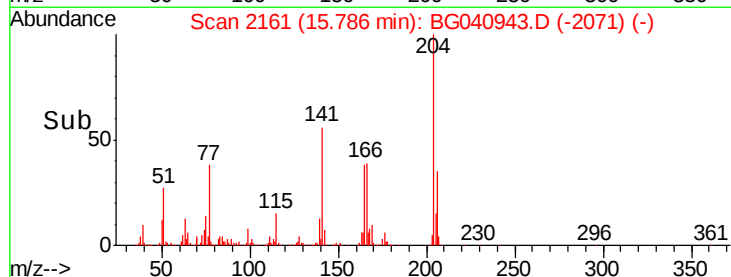
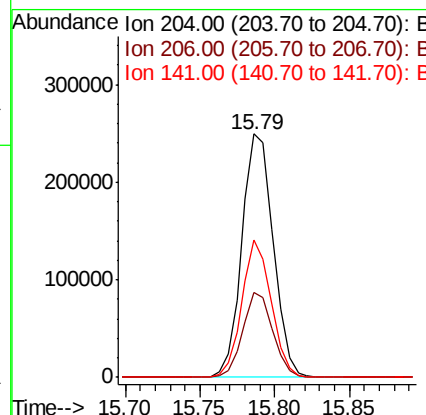
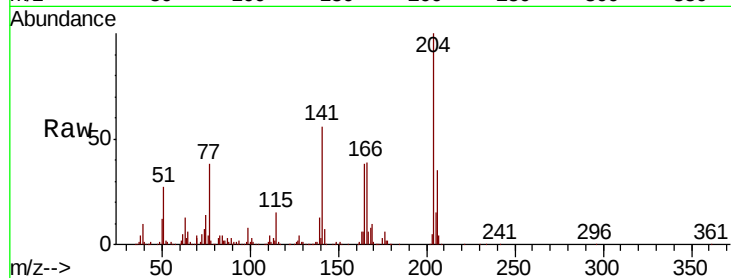




#61
 4-Chlorophenyl-phenylether
 Concen: 39.795 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

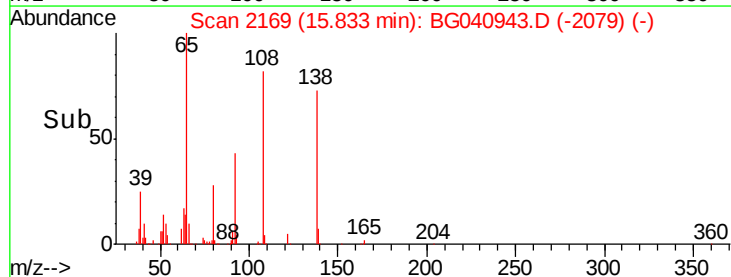
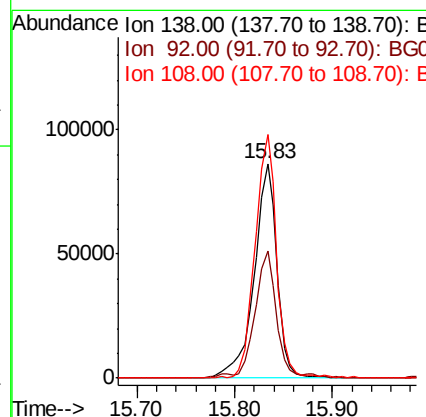
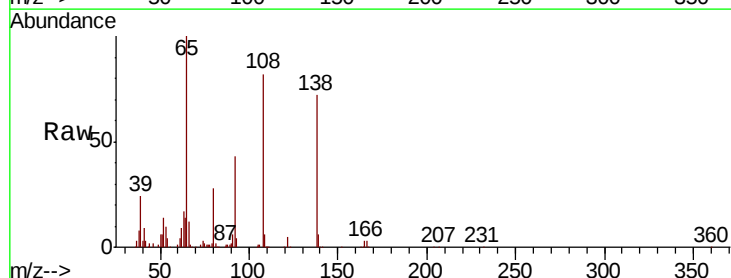
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

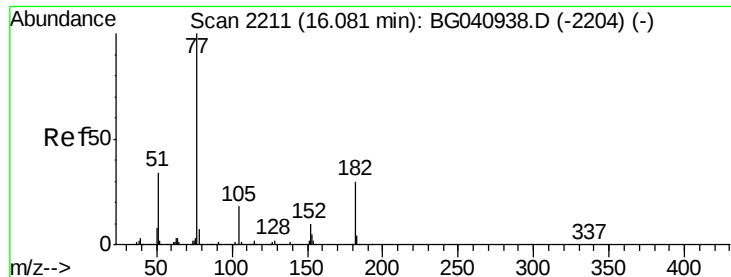
Tot Ion:204 Resp: 363649
 Ion Ratio Lower Upper
 204 100
 206 34.7 27.6 41.4
 141 56.3 45.1 67.7



#62
 4-Nitroaniline
 Concen: 40.580 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion:138 Resp: 141979
 Ion Ratio Lower Upper
 138 100
 92 59.2 42.4 82.4
 108 113.5 96.9 136.9





#63

Azobenzene

Concen: 40.260 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

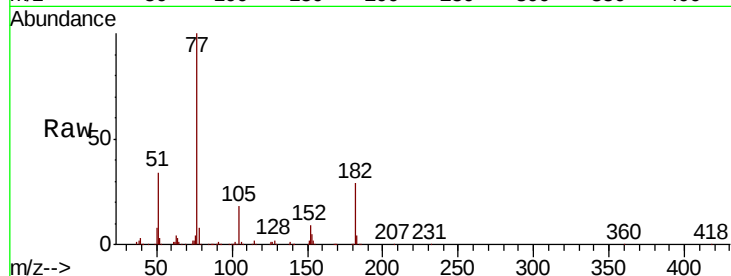
BNA_G

ClientSampleId :

ICVBG052919

Tot Ion: 77 Resp: 572409

Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.6	49.6
105	18.1	0.0	37.5
51	34.1	13.7	53.7

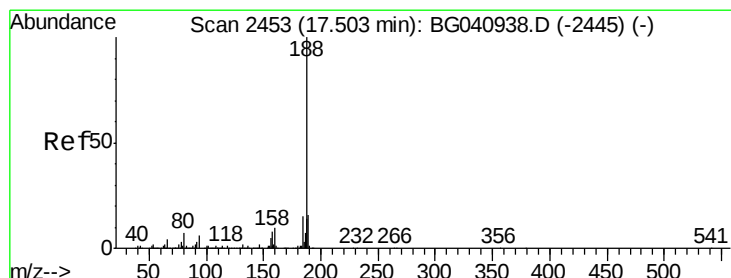
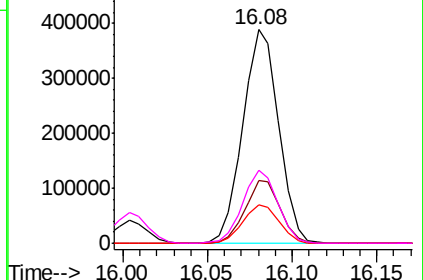
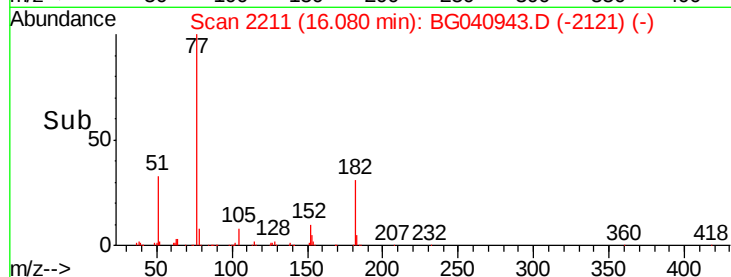


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2453

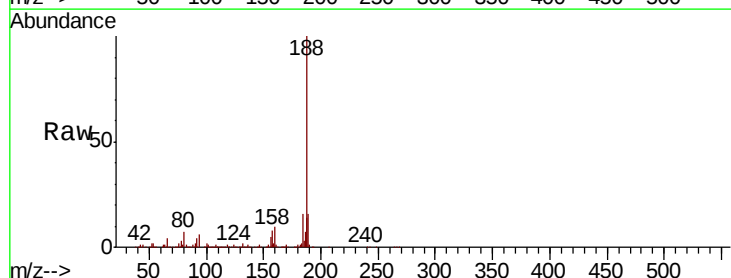
Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Tgt Ion: 188 Resp: 441730

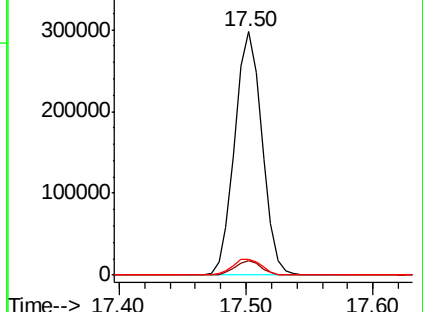
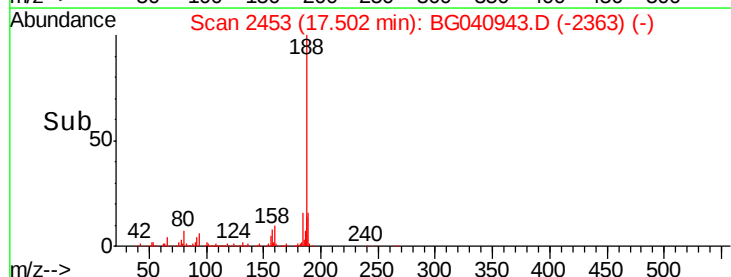
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.7	7.1
80	6.7	5.8	8.8

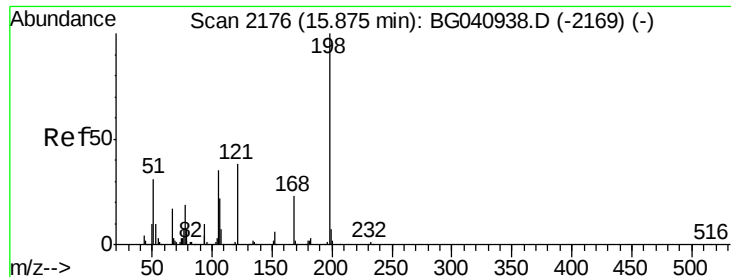


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.231 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

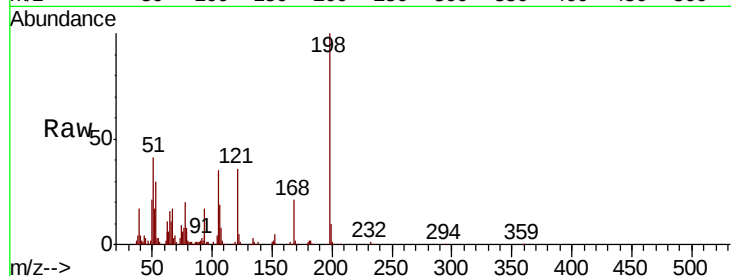
BNA_G

ClientSampleId :

ICVBG052919

Tot Ion:198 Resp: 99869

Ion	Ratio	Lower	Upper
198	100		
51	41.2	21.6	61.6
105	35.2	17.5	57.5

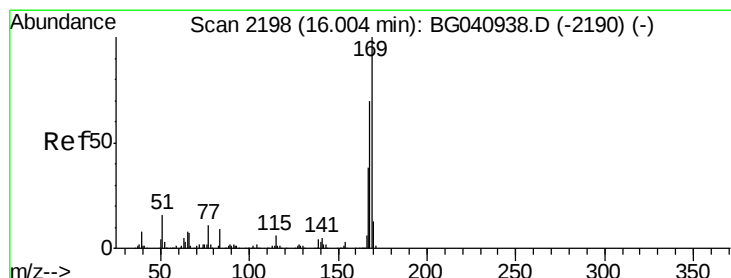
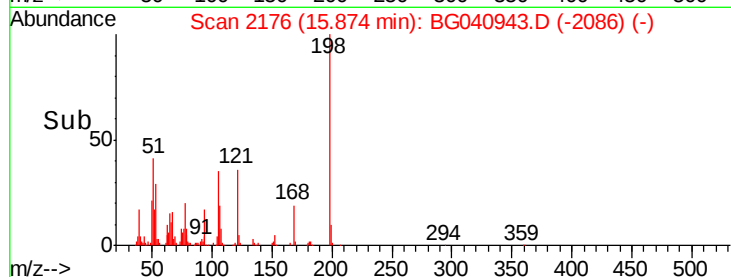
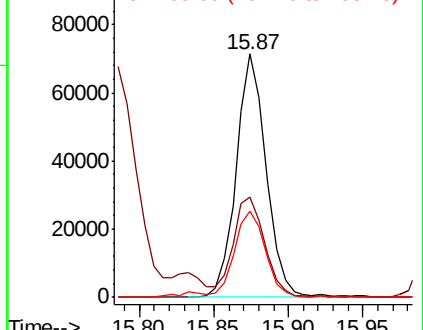


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.234 ng

RT: 16.00 min Scan# 2198

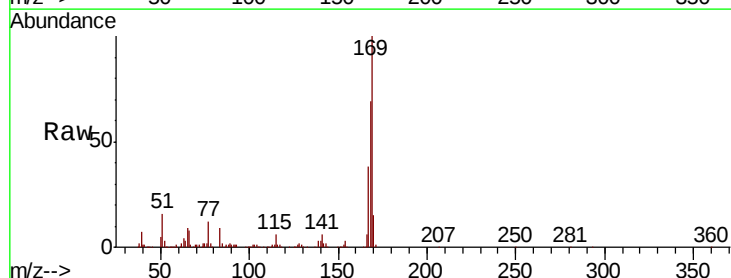
Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Tgt Ion:169 Resp: 512031

Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.7	83.5
167	37.7	30.2	45.2

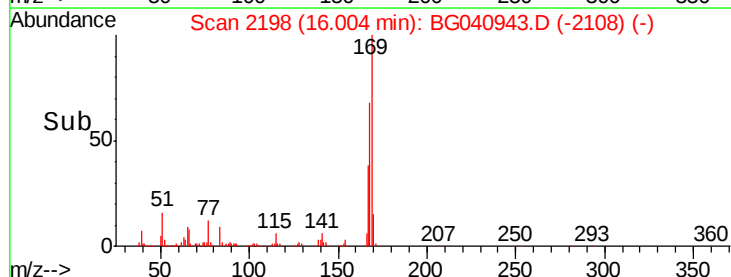
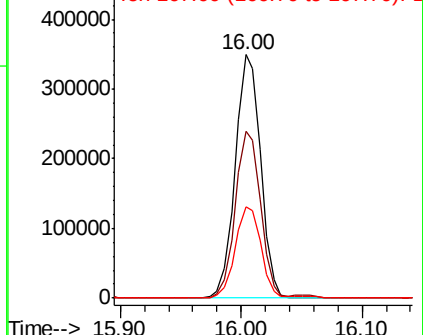


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

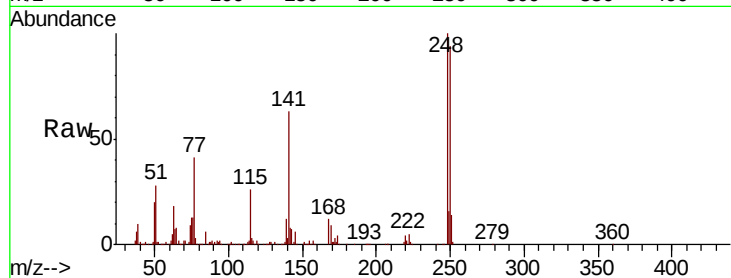




#67
4-Bromophenyl-phenylether
Concen: 41.175 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Instrument :
BNA_G
ClientSampleId :
ICVBG052919

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.6	75.0	112.4
141	62.6	52.4	78.6

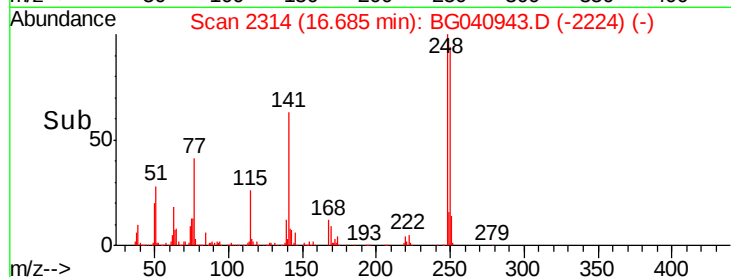
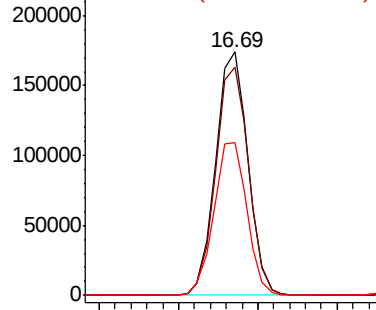


Abundance

Ion 248.00 (247.70 to 248.70): E

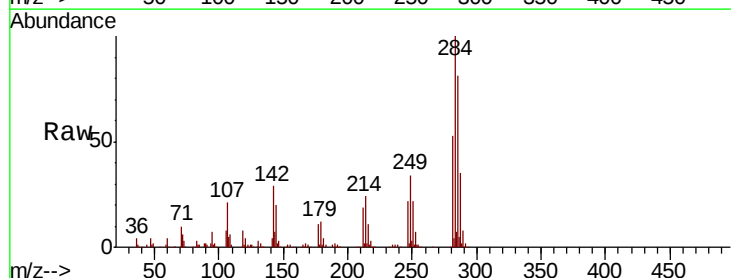
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.197 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	23.9	35.9
249	34.5	26.8	40.2

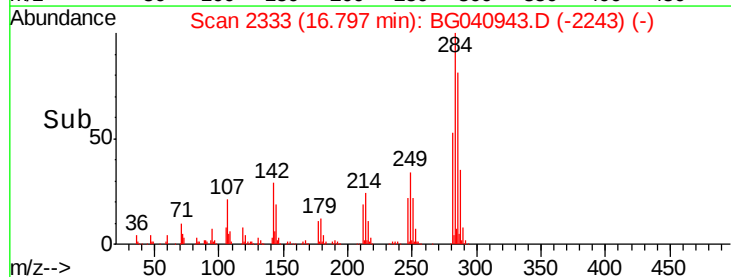
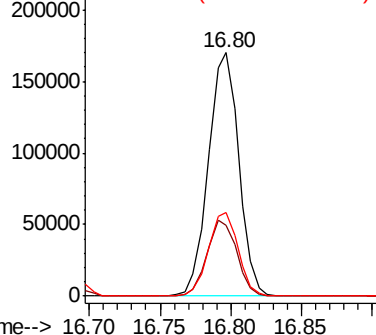


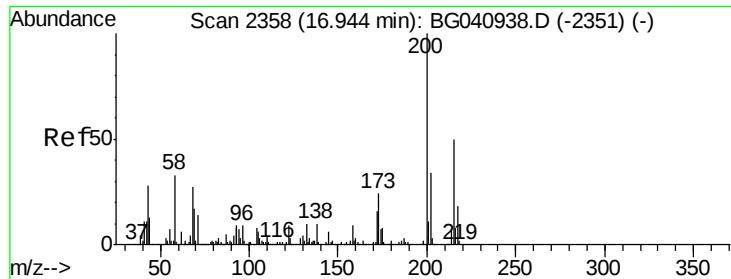
Abundance

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: 43.712 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

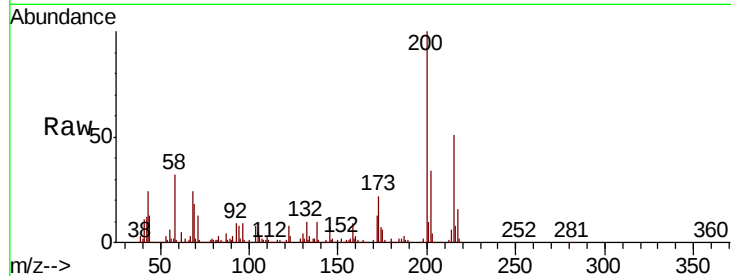
Tot Ion:200 Resp: 209441

Ion Ratio Lower Upper

200 100

173 22.1 3.6 43.6

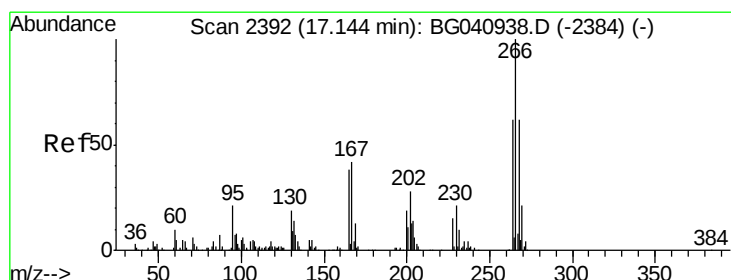
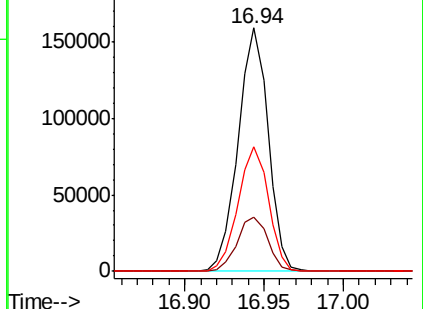
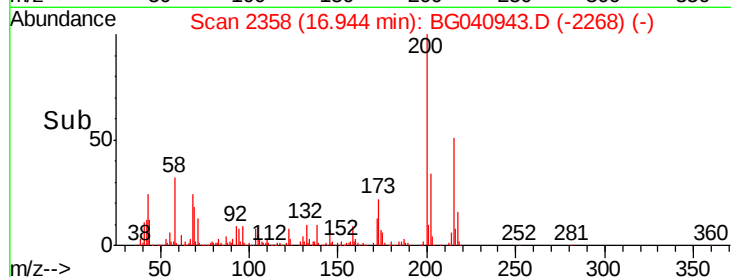
215 51.1 29.6 69.6



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: 41.546 ng

RT: 17.14 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

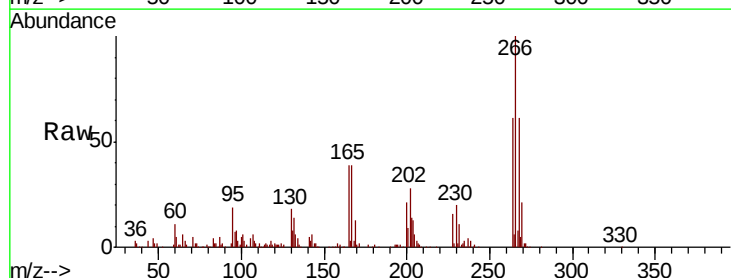
Tgt Ion:266 Resp: 133931

Ion Ratio Lower Upper

266 100

268 60.8 53.1 79.7

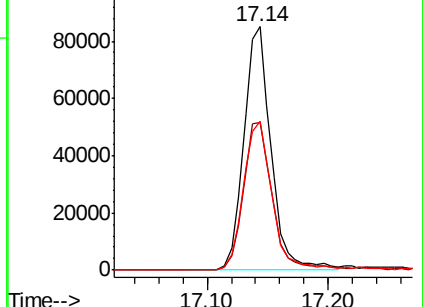
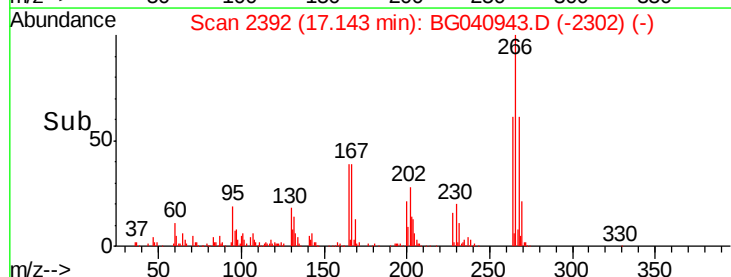
264 60.9 49.9 74.9

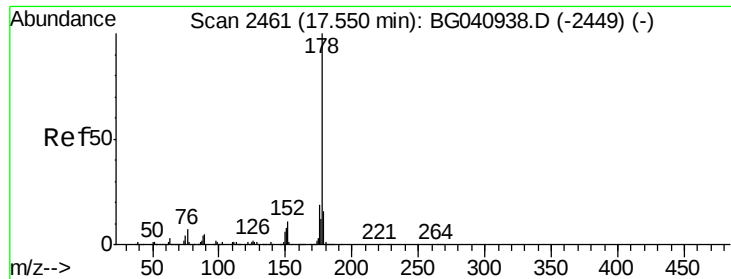


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.507 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

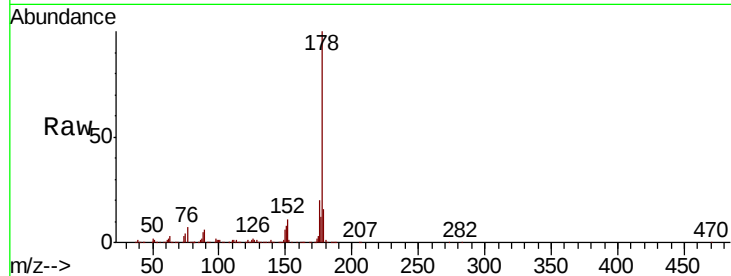
Tot Ion:178 Resp: 955028

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

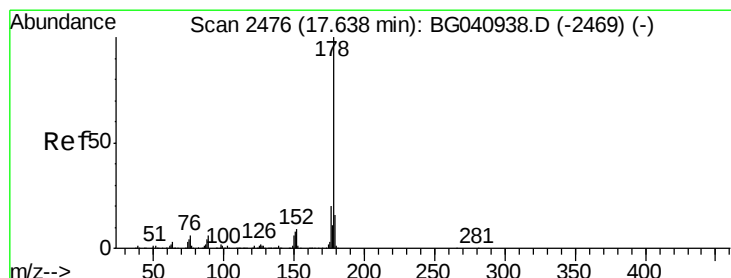
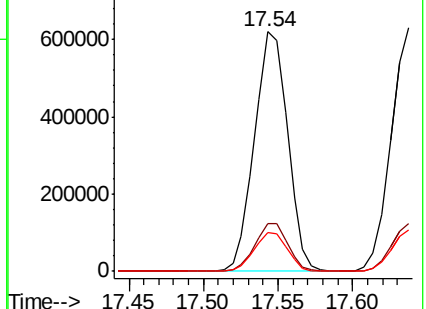
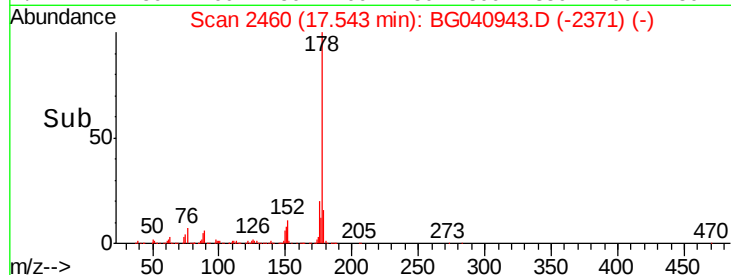
179 16.2 12.7 19.1



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: 41.626 ng

RT: 17.64 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

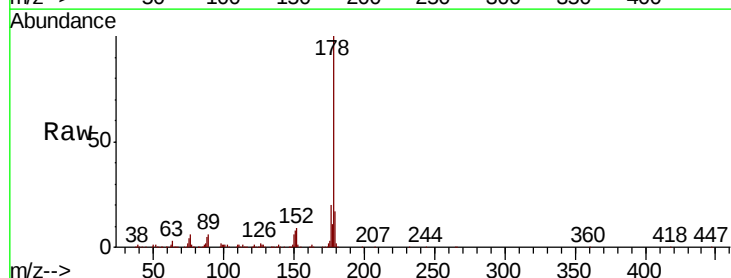
Tgt Ion:178 Resp: 944634

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

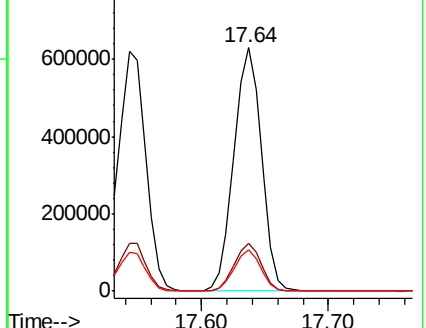
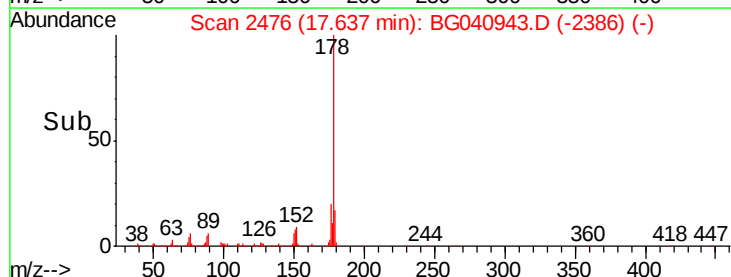
179 16.9 13.0 19.4

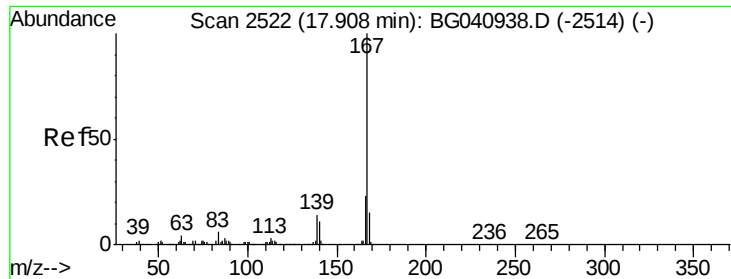


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

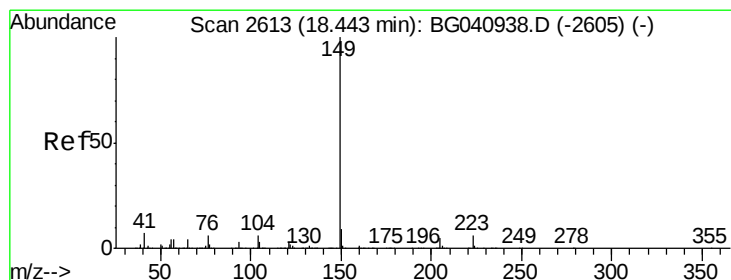
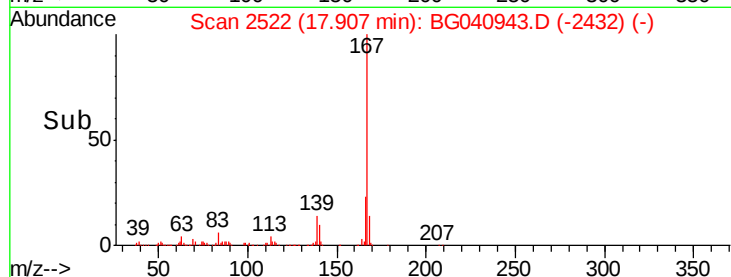
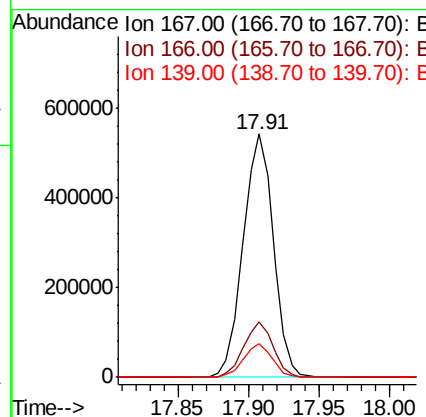
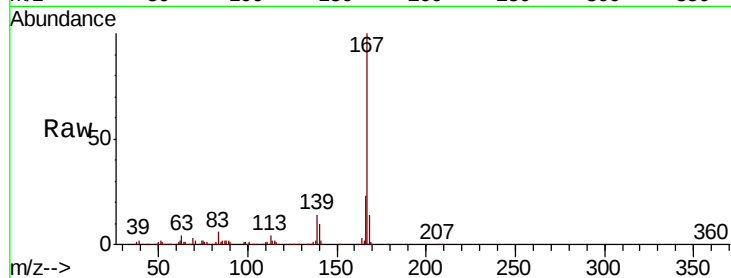




#73
 Carbazole
 Concen: 41.750 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

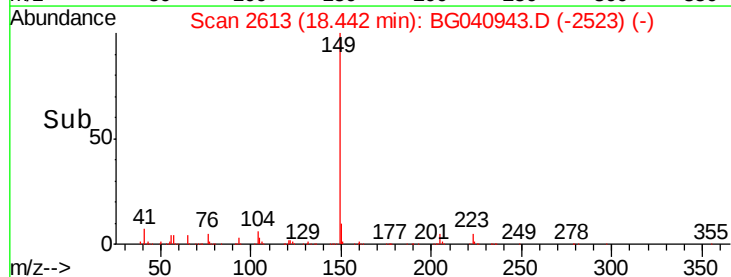
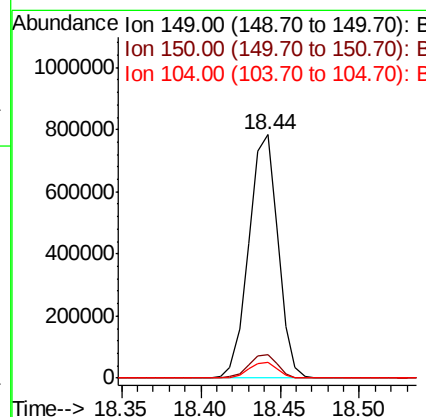
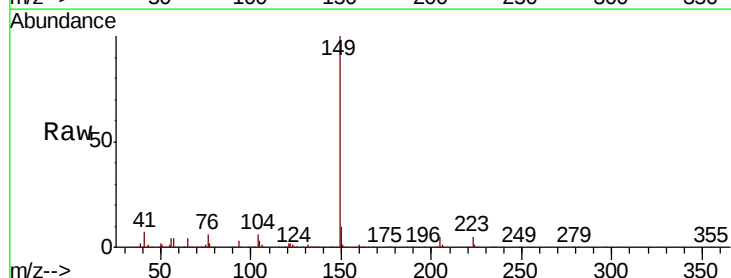
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG052919

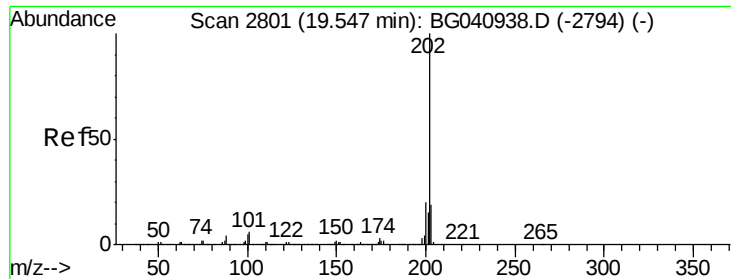
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.312 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG040943.D
 Acq: 29 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 42.231 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

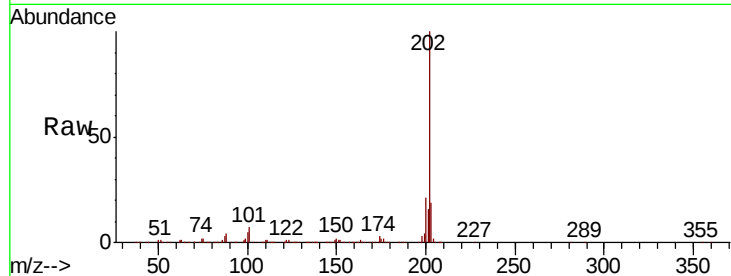
Tot Ion:202 Resp: 1200195

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.2

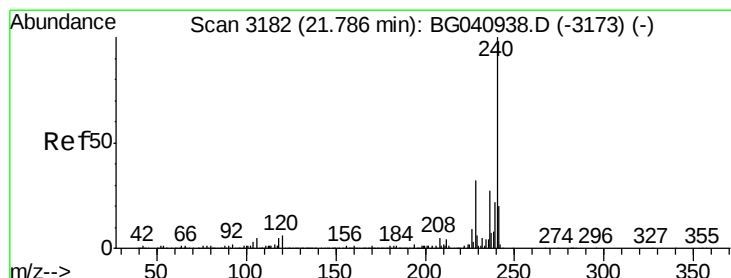
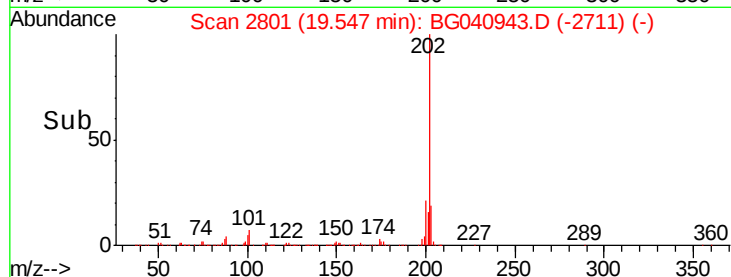
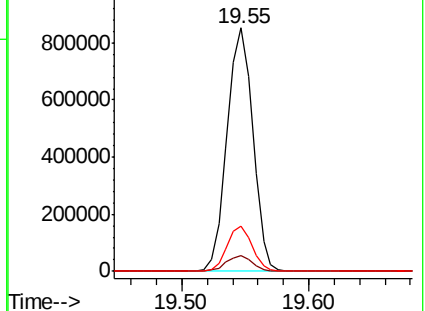
203 18.5 0.0 38.7



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: 21.79 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

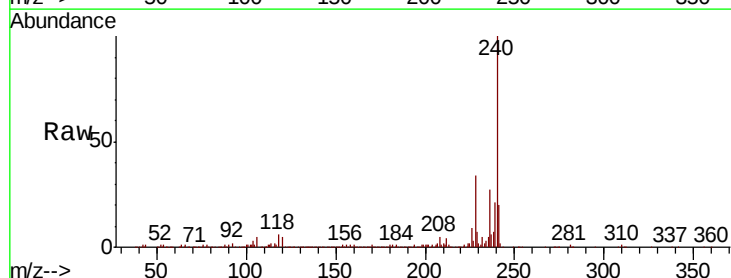
Tgt Ion:240 Resp: 443191

Ion Ratio Lower Upper

240 100

120 4.6 4.5 6.7

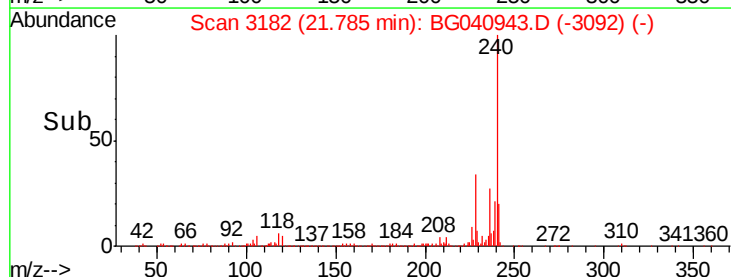
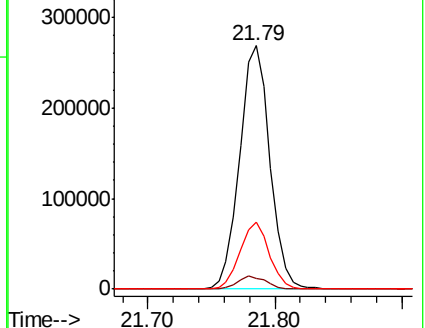
236 27.4 21.3 31.9



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: 44.452 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

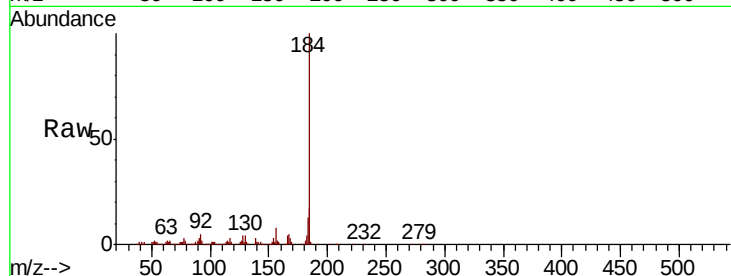
Tot Ion:184 Resp: 469968

Ion Ratio Lower Upper

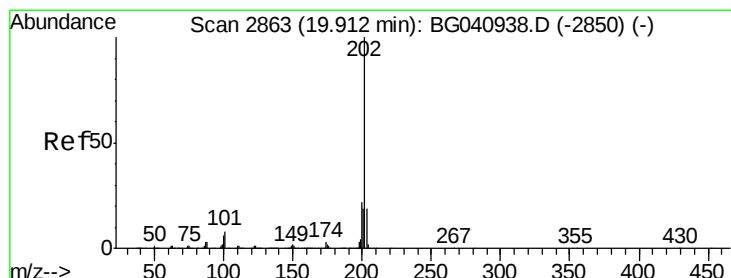
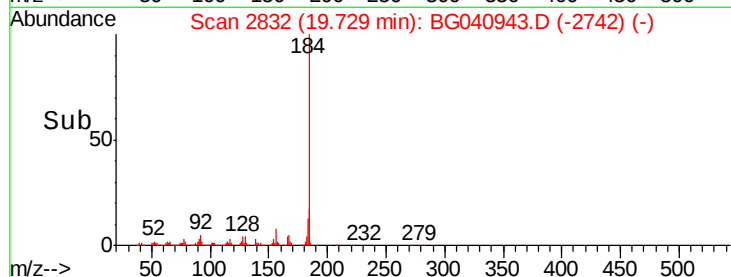
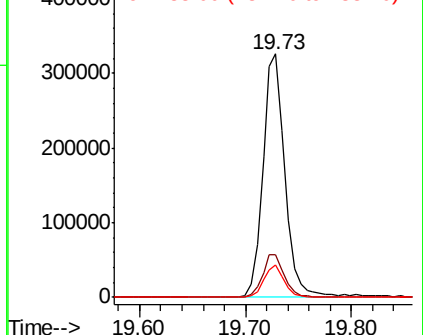
184 100

185 17.5 13.3 19.9

183 13.4 10.7 16.1



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: 41.411 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

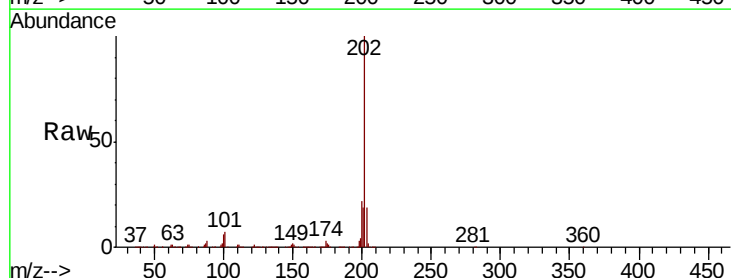
Tgt Ion:202 Resp: 1193058

Ion Ratio Lower Upper

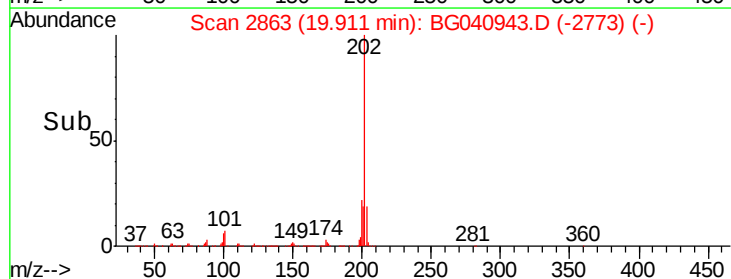
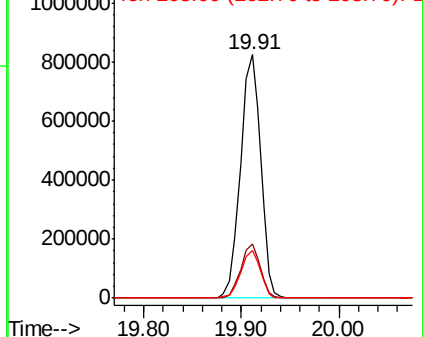
202 100

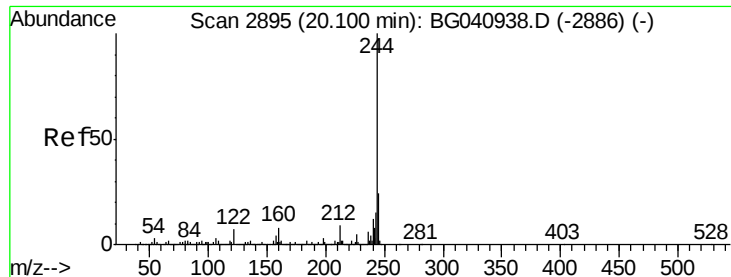
200 22.3 17.5 26.3

203 19.5 15.6 23.4



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: 83.327 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

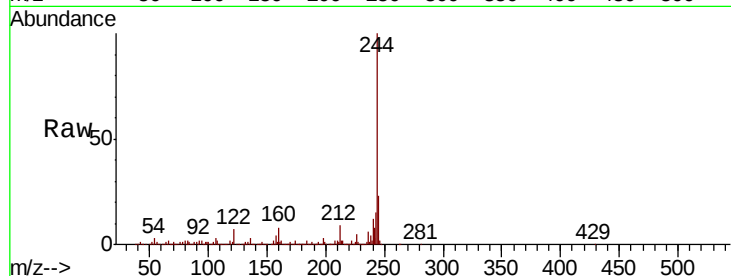
Tot Ion:244 Resp: 1740051

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

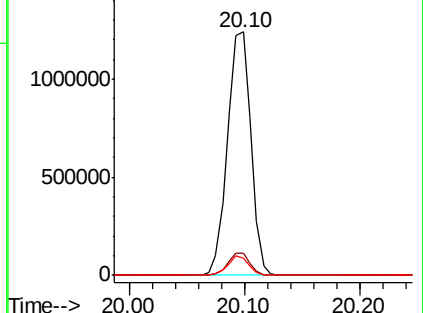
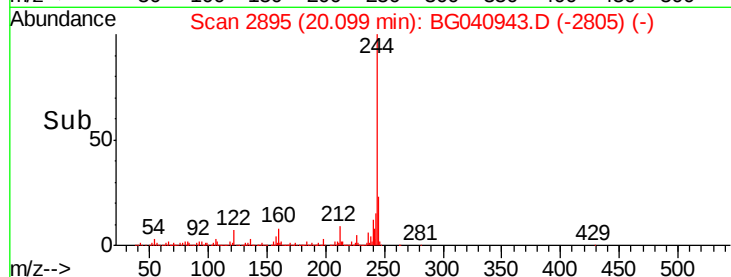
122 7.1 5.4 8.0



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: 40.733 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

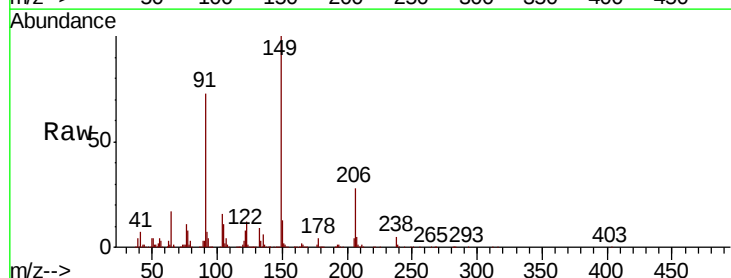
Tgt Ion:149 Resp: 456693

Ion Ratio Lower Upper

149 100

91 72.9 56.5 84.7

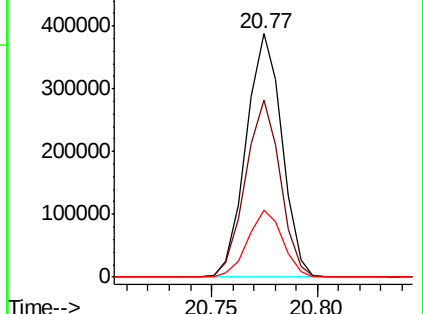
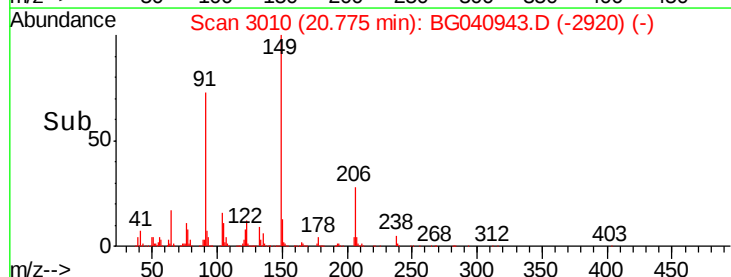
206 27.7 20.3 30.5

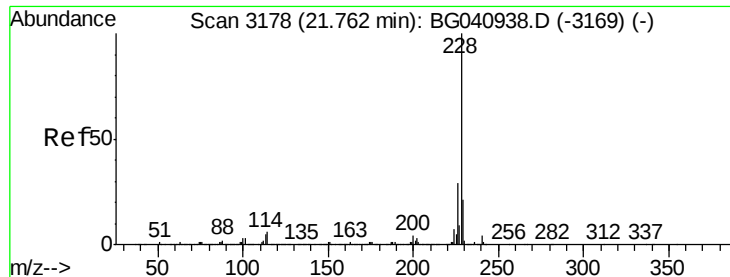


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.211 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

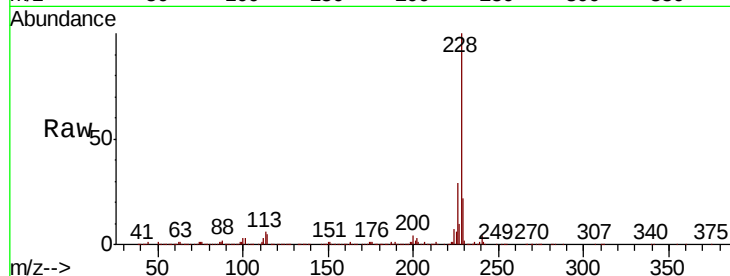
BNA_G

ClientSampleId :

ICVBG052919

Tot Ion:228 Resp: 1215798

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	21.7	16.7	25.1

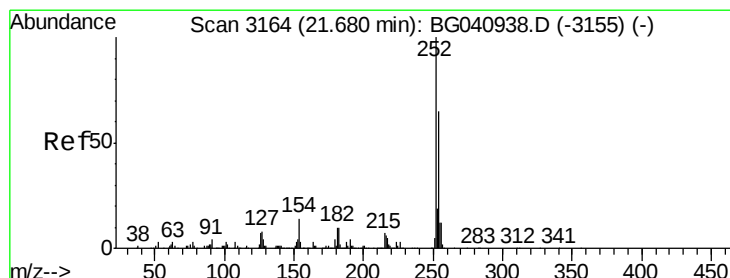
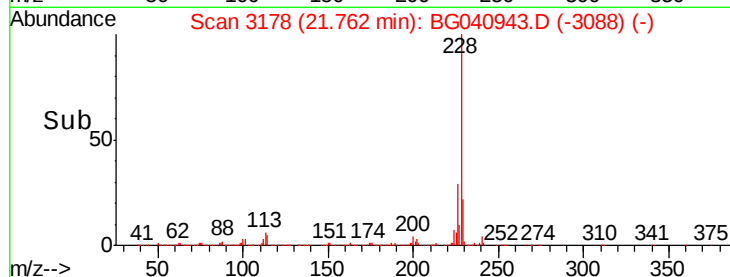
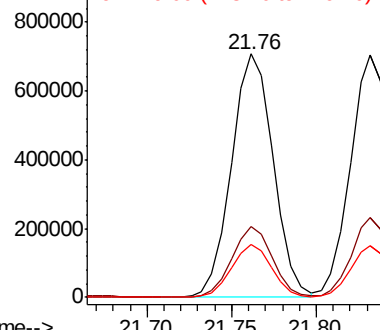


Abundance

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: 41.937 ng

RT: 21.67 min Scan# 3163

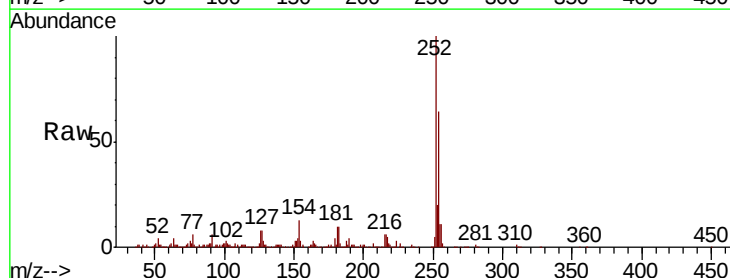
Delta R.T. -0.01 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Tgt Ion:252 Resp: 435157

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	7.9	5.5	8.3

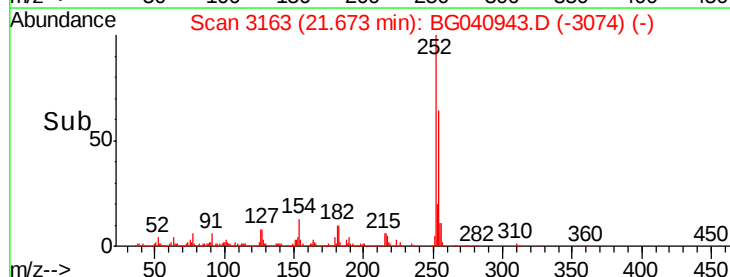
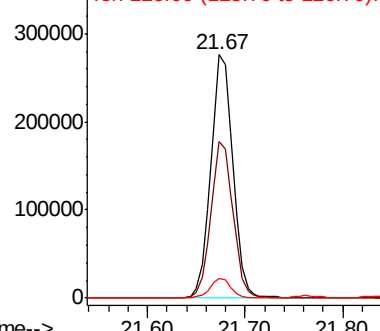


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.762 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

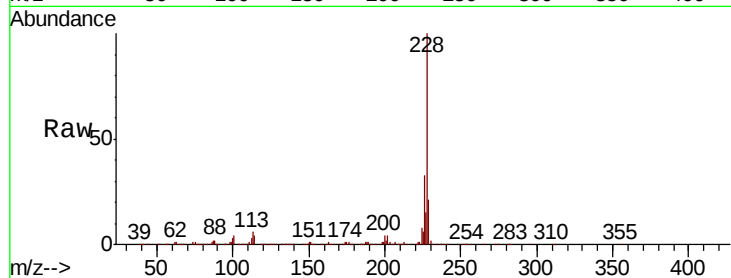
Tot Ion:228 Resp: 1179012

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.6	37.0
229	21.1	16.6	24.8

228 100

226 32.9 24.6 37.0

229 21.1 16.6 24.8

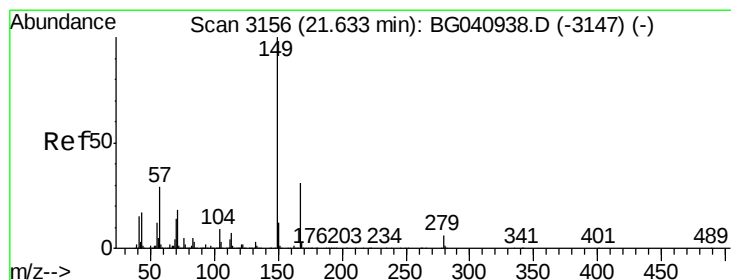
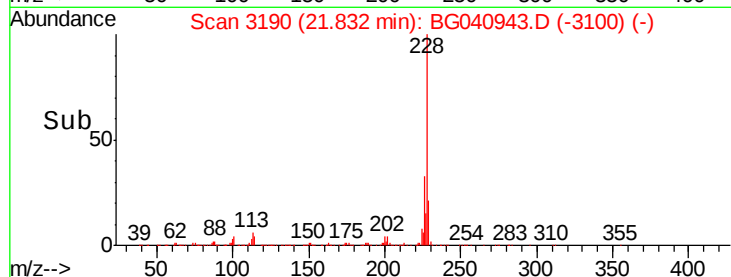
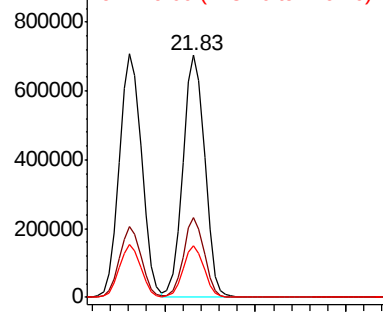


Abundance

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: 40.809 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

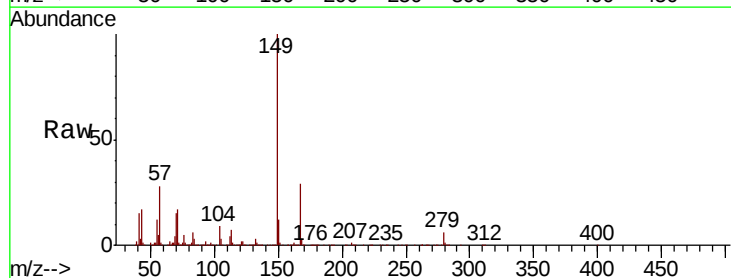
Tgt Ion:149 Resp: 644089

Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.6	37.0
279	6.4	5.0	7.6

149 100

167 29.5 24.6 37.0

279 6.4 5.0 7.6

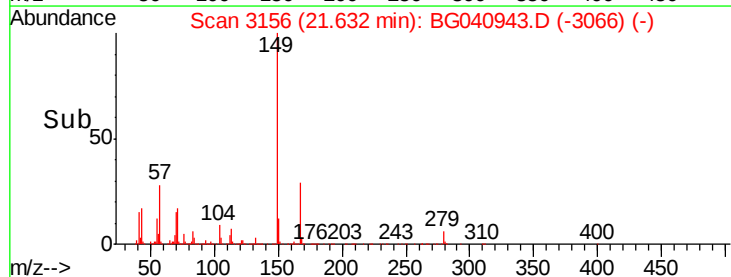
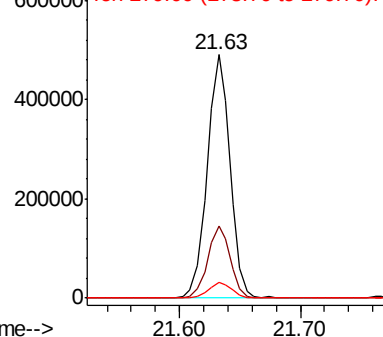


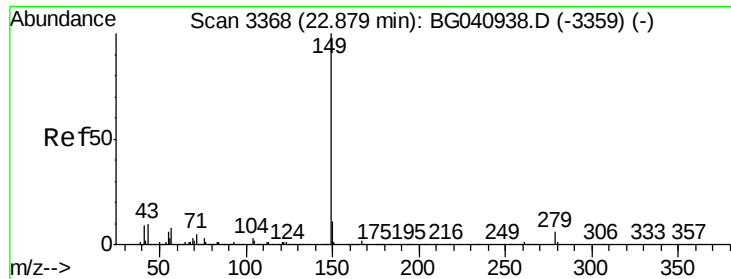
Abundance

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

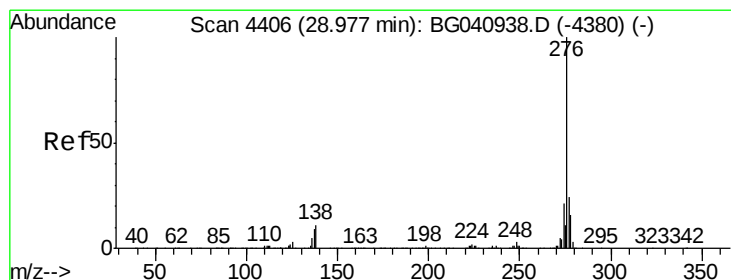
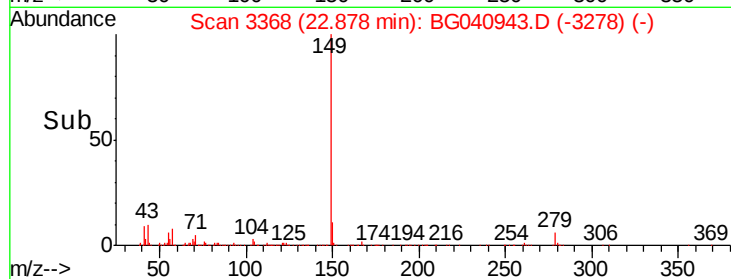
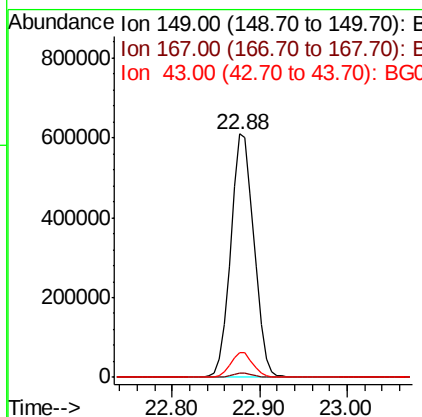
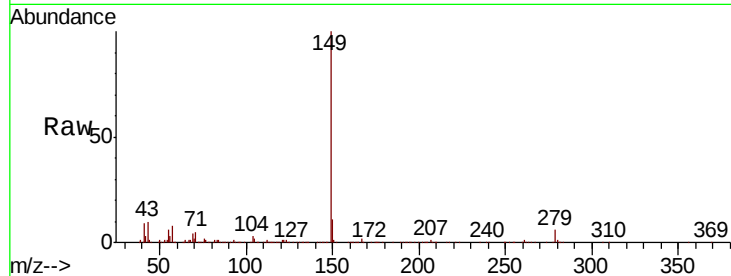




#85
Di-n-octyl phthalate
Concen: 41.594 ng
RT: 22.88 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

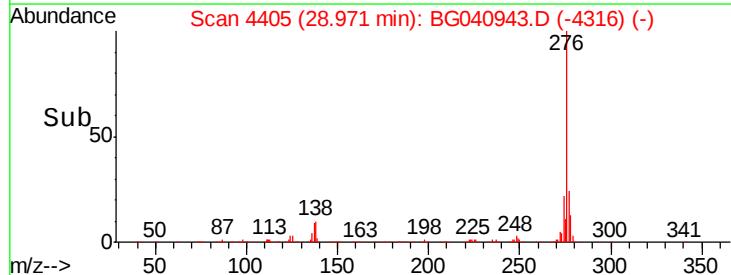
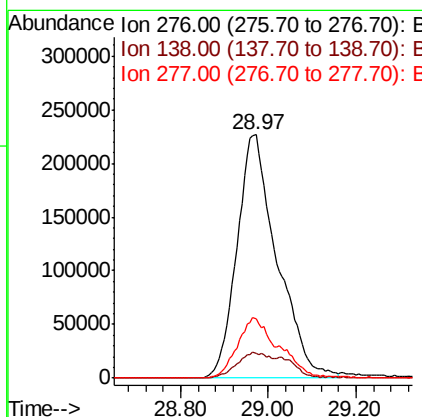
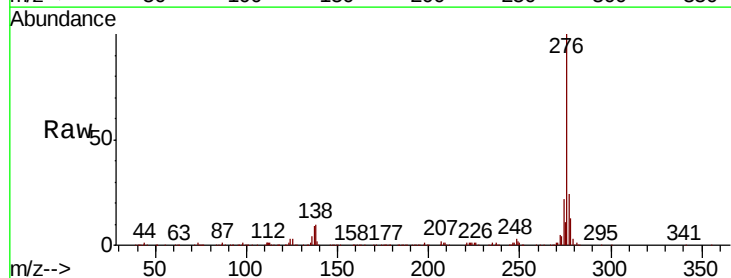
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

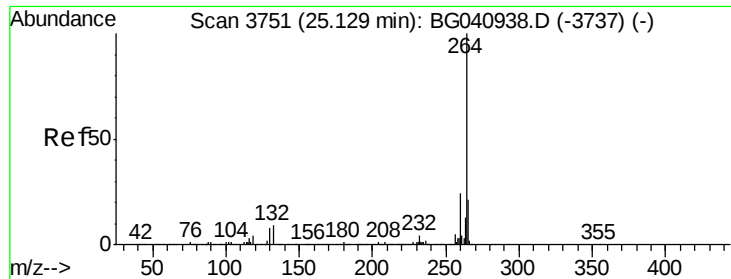
Tot Ion:149 Resp: 1093319
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.1 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.779 ng
RT: 28.97 min Scan# 4405
Delta R.T. -0.01 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion:276 Resp: 1410276
Ion Ratio Lower Upper
276 100
138 9.2 5.7 8.5#
277 25.4 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3751

Delta R.T. -0.00 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

Instrument :

BNA_G

ClientSampleId :

ICVBG052919

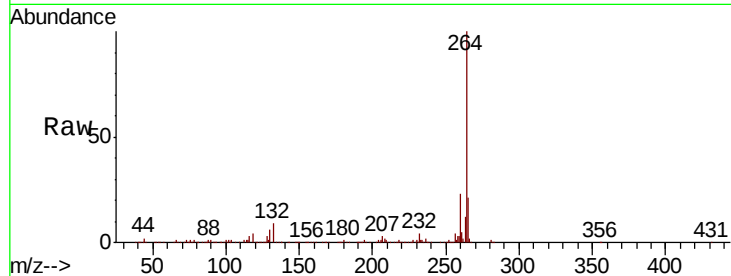
Tot Ion:264 Resp: 486189

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

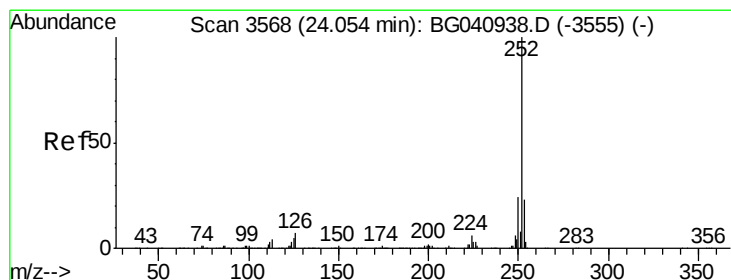
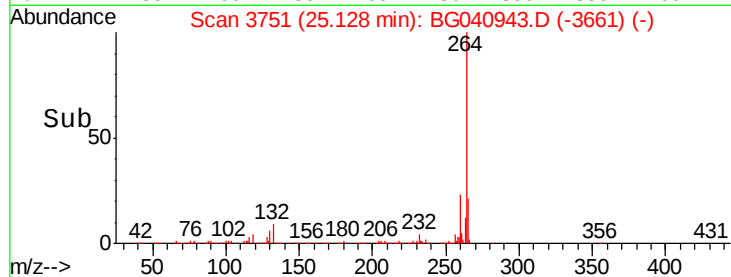
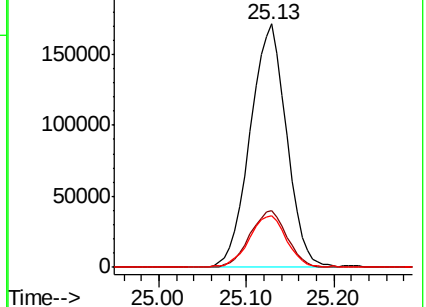
265 20.9 17.0 25.4



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: 40.844 ng

RT: 24.06 min Scan# 3569

Delta R.T. 0.01 min

Lab File: BG040943.D

Acq: 29 May 2019 18:42

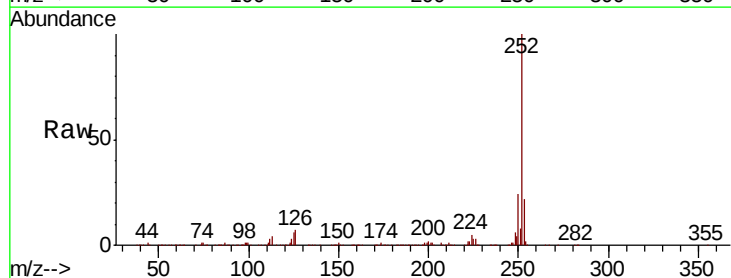
Tgt Ion:252 Resp: 1204453

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

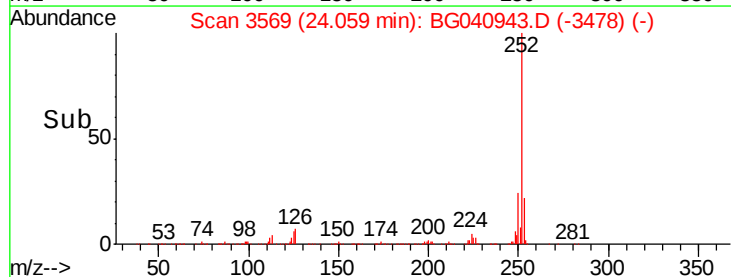
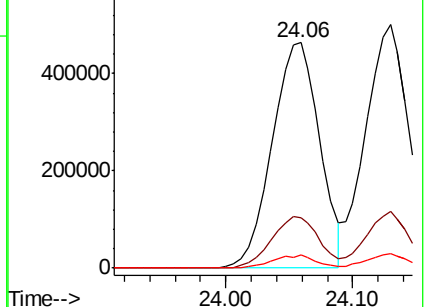
125 5.9 4.3 6.5

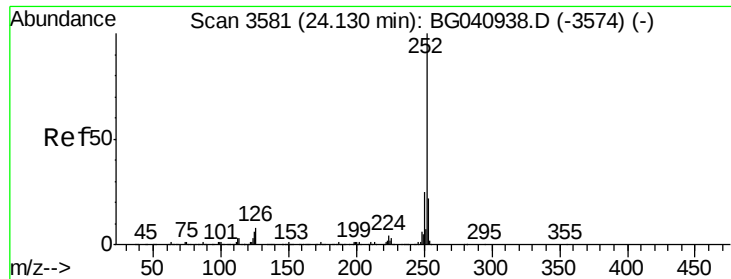


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

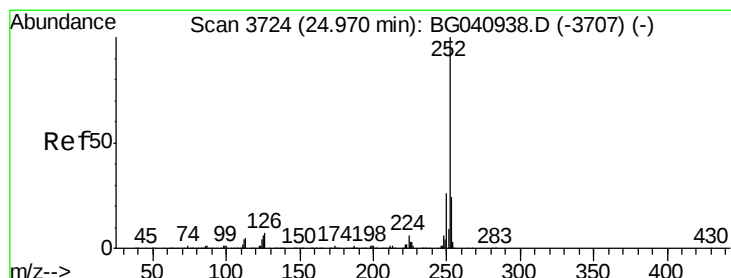
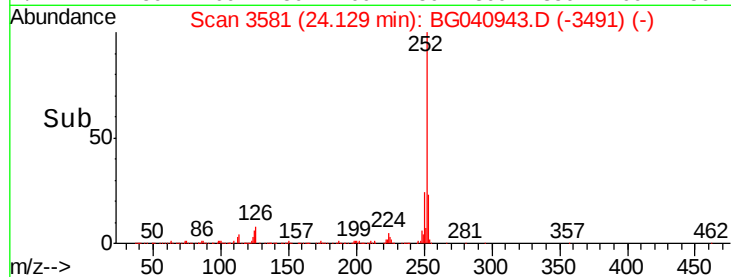
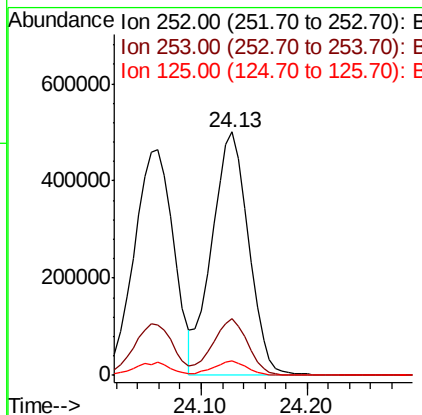
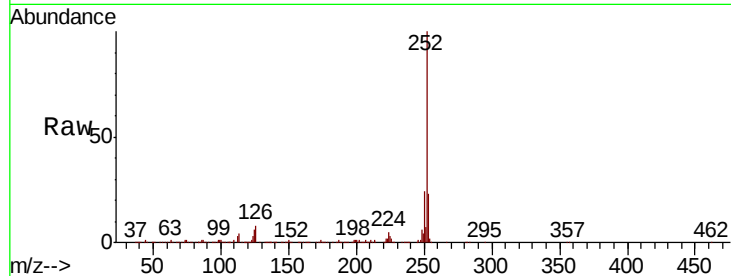




#89
Benzo(k)fluoranthene
Concen: 41.310 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

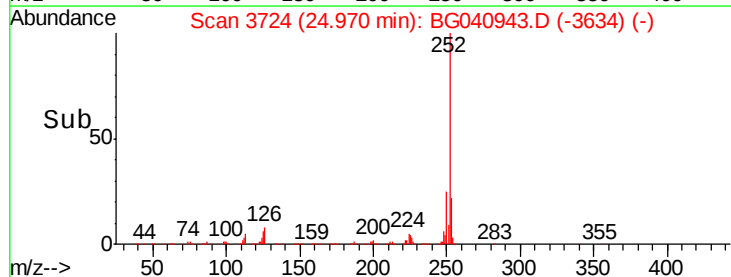
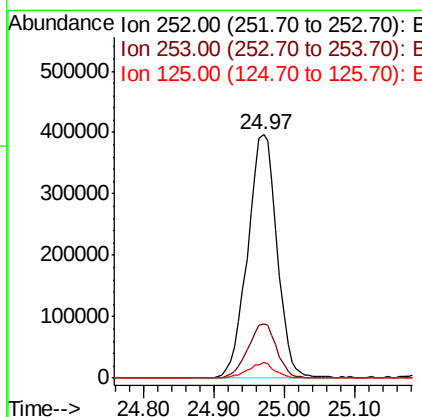
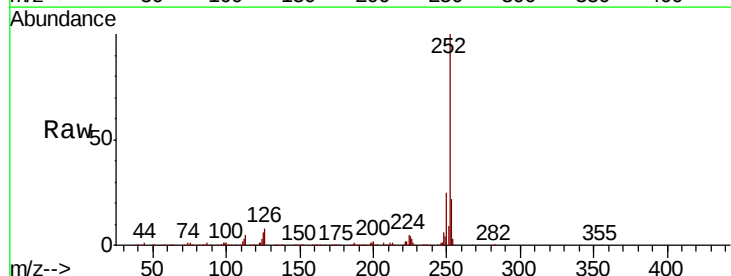
Instrument :
BNA_G
ClientSampleId :
ICVBG052919

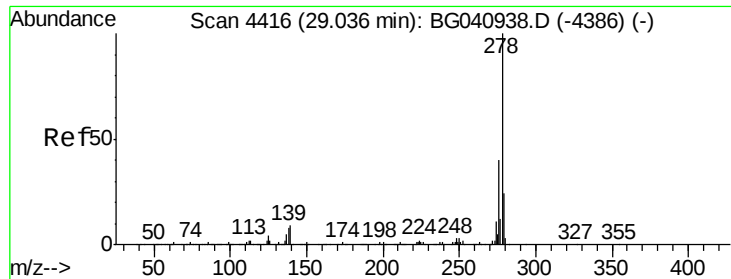
Tot Ion:252 Resp: 1205481
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 5.8 4.7 7.1



#90
Benzo(a)pyrene
Concen: 40.925 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion:252 Resp: 1151403
Ion Ratio Lower Upper
252 100
253 22.0 19.5 29.3
125 6.3 5.1 7.7



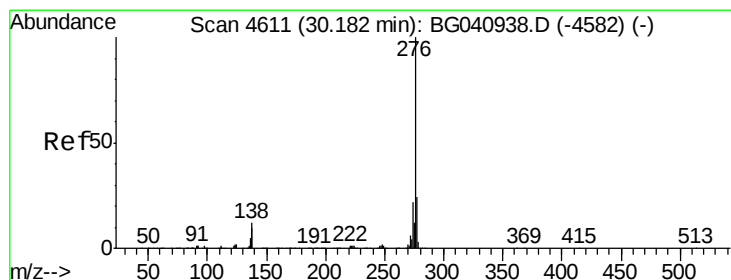
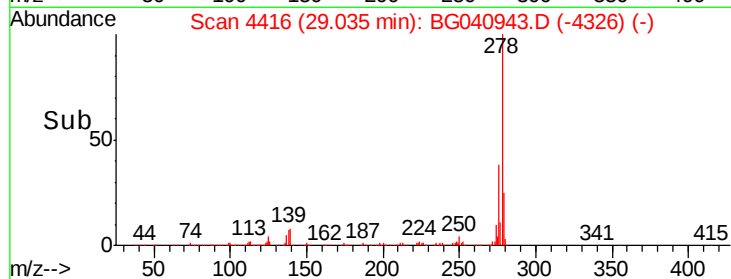
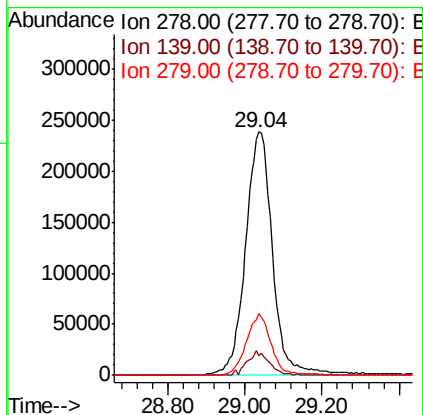
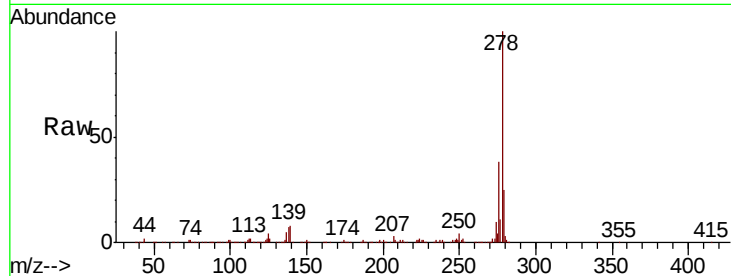


#91
Dibenzo(a,h)anthracene
Concen: 41.144 ng
RT: 29.04 min Scan# 4416
Delta R.T. -0.00 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Instrument :
BNA_G
ClientSampleId :
ICVBG052919

Tot Ion:278 Resp: 1156666

Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.1	10.7
279	25.2	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 40.500 ng
RT: 30.18 min Scan# 4610
Delta R.T. -0.01 min
Lab File: BG040943.D
Acq: 29 May 2019 18:42

Tgt Ion:276 Resp: 1106130

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	12.0	9.7	14.5

