

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043039.D
 Acq On : 4 Oct 2019 22:06
 Operator : JU
 Sample : K5154-12MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:53:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	74076	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	283134	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	201756	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	477127	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	519647	20.00	ng	-0.02
87) Perylene-d12	24.91	264	616008	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	336849	81.15	ng	0.00
7) Phenol-d6	7.24	99	321620	53.81	ng	0.00
23) Nitrobenzene-d5	9.22	82	434411	74.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	427345	123.18	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1019091	73.23	ng	-0.01
79) Terphenyl-d14	20.03	244	1992939	81.72	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	58711	33.925	ng	92
3) Pyridine	3.94	79	106803	21.942	ng	88
4) n-Nitrosodimethylamine	3.86	42	60188	25.714	ng	98
6) Aniline	7.39	93	188744	26.158	ng	97
8) 2-Chlorophenol	7.64	128	182987	42.273	ng	96
9) Benzaldehyde	7.20	77	128552	35.195	ng	88
10) Phenol	7.26	94	131009	23.889	ng	91
11) bis(2-Chloroethyl)ether	7.48	93	157661	37.156	ng	95
12) 1,3-Dichlorobenzene	7.95	146	170923	30.953	ng	97
13) 1,4-Dichlorobenzene	8.10	146	178322	32.394	ng	98
14) 1,2-Dichlorobenzene	8.42	146	172581	32.930	ng	95
15) Benzyl Alcohol	8.30	79	166570	37.065	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	243190	29.844	ng	97
17) 2-Methylphenol	8.51	107	149657	39.001	ng	97
18) Hexachloroethane	9.15	117	62512	30.152	ng	100
19) n-Nitroso-di-n-propylamine	8.86	70	147006	37.454	ng	94
20) 3+4-Methylphenols	8.84	107	187836	35.720	ng	98
22) Acetophenone	8.88	105	274340	37.590	ng	# 96
24) Nitrobenzene	9.26	77	218428	39.312	ng	97
25) Isophorone	9.79	82	414276	40.488	ng	97
26) 2-Nitrophenol	9.97	139	109186	46.161	ng	94
27) 2,4-Dimethylphenol	10.04	122	184103	50.682	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	231322	39.846	ng	97
29) 2,4-Dichlorophenol	10.51	162	206346	45.675	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	210333	36.053	ng	96
31) Naphthalene	10.92	128	534839	38.374	ng	99
32) Benzoic acid	10.16	122	48600	20.497	ng	# 85
33) 4-Chloroaniline	11.03	127	102662	16.975	ng	96
34) Hexachlorobutadiene	11.20	225	140565	32.179	ng	97
35) Caprolactam	11.80	113	12025	7.548	ng	# 70
36) 4-Chloro-3-methylphenol	12.15	107	220602	44.911	ng	96
37) 2-Methylnaphthalene	12.52	142	421680	39.659	ng	97
38) 1-Methylnaphthalene	12.74	142	395623	39.323	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	282349	37.220	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043039.D
 Acq On : 4 Oct 2019 22:06
 Operator : JU
 Sample : K5154-12MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:53:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	340796	70.509	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	198336	44.670	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	208853	45.662	nq	95
46) 1,1'-Biphenyl	13.52	154	580737	37.956	nq	98
47) 2-Chloronaphthalene	13.56	162	449678	39.201	nq	98
48) 2-Nitroaniline	13.76	65	155288	40.708	nq	92
49) Acenaphthylene	14.40	152	726722	41.402	nq	99
50) Dimethylphthalate	14.14	163	787867	52.118	nq	99
51) 2,6-Dinitrotoluene	14.25	165	142400	44.234	nq	92
52) Acenaphthene	14.74	154	458701	39.042	nq	98
53) 3-Nitroaniline	14.59	138	71833	21.591	nq	99
54) 2,4-Dinitrophenol	14.79	184	187478	93.691	nq	96
55) Dibenzofuran	15.08	168	712159	40.976	nq	99
56) 4-Nitrophenol	14.90	139	121642	47.987	nq	94
57) 2,4-Dinitrotoluene	15.04	165	200117	42.449	nq	97
58) Fluorene	15.73	166	608479	41.008	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	207650	42.638	nq	99
60) Diethylphthalate	15.50	149	630199	40.963	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	355948	39.999	nq	98
62) 4-Nitroaniline	15.75	138	144857	39.923	nq	96
63) Azobenzene	16.01	77	546080	38.988	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	132213	48.970	nq	95
66) n-Nitrosodiphenylamine	15.93	169	550936	43.741	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	251479	41.994	nq	98
68) Hexachlorobenzene	16.74	284	273175	40.970	nq	98
69) Atrazine	16.88	200	210190	39.629	nq	95
70) Pentachlorophenol	17.08	266	353329	91.836	nq	98
71) Phenanthrene	17.47	178	968242	41.567	nq	98
72) Anthracene	17.56	178	989329	42.544	nq	99
73) Carbazole	17.83	167	912936	42.336	nq	100
74) Di-n-butylphthalate	18.38	149	1042121	40.504	nq	99
75) Fluoranthene	19.47	202	1249236	40.547	nq	99
77) Benzidine	19.65	184	731329	56.207	nq	99
78) Pyrene	19.84	202	1264932	40.784	nq	99
80) Butylbenzylphthalate	20.72	149	491892	41.782	nq	97
81) Benzo(a)anthracene	21.68	228	1307295	40.375	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	272191	21.433	nq	99
83) Chrysene	21.74	228	1280715	40.760	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	704642	42.063	nq	99
85) Di-n-octyl phthalate	22.79	149	1202083	43.883	nq	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1703538	43.550	nq	99
88) Benzo(b)fluoranthene	23.89	252	1423866	40.851	nq	98
89) Benzo(k)fluoranthene	23.96	252	1392652	40.388	nq	99
90) Benzo(a)pyrene	24.76	252	1398308	42.522	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1440667	42.724	nq	99
92) Benzo(g,h,i)perylene	29.73	276	1408664	43.115	nq	97

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

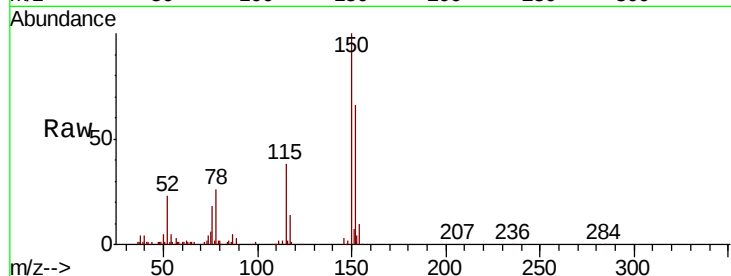


#1

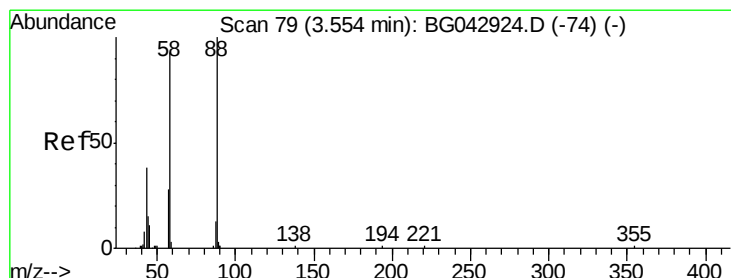
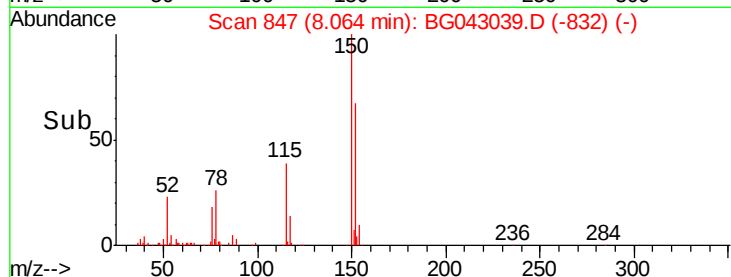
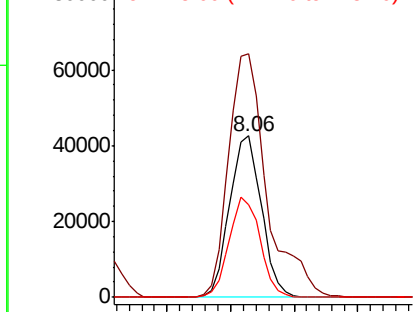
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74076
Ion Ratio Lower Upper
152 100
150 151.1 115.0 172.4
115 57.3 47.0 70.6



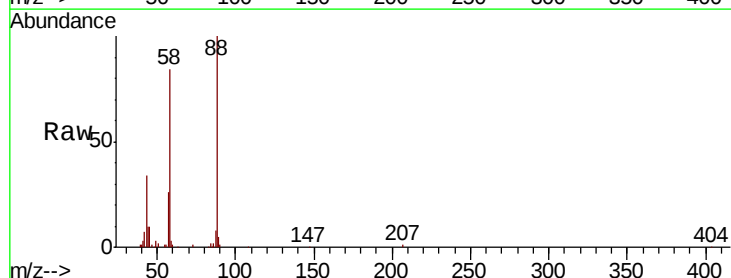
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



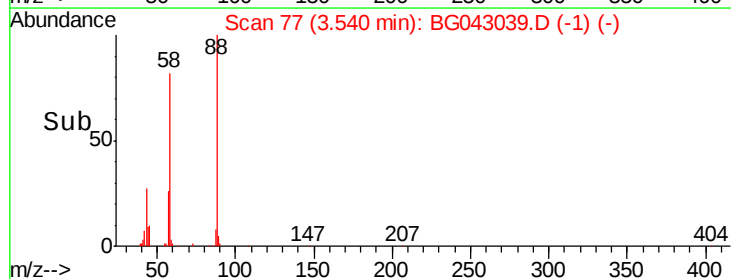
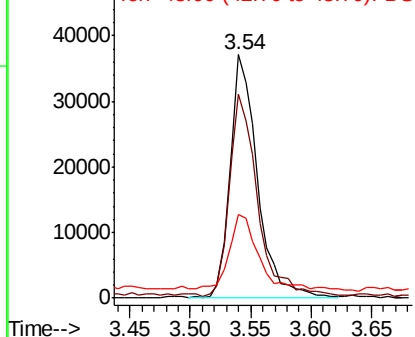
#2

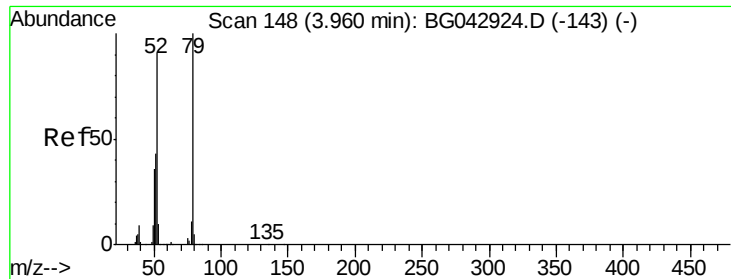
1,4-Dioxane
Concen: 33.925 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion: 88 Resp: 58711
Ion Ratio Lower Upper
88 100
58 83.9 74.3 111.5
43 35.1 29.8 44.8



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: 21.942 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

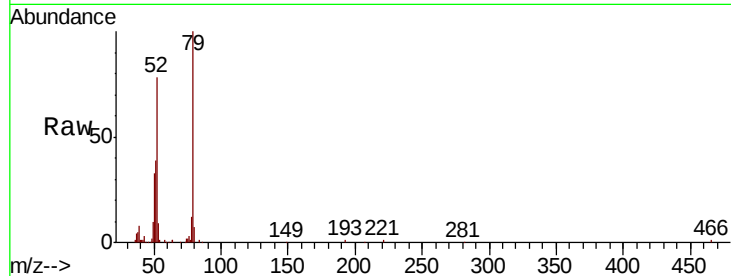
Tot Ion: 79 Resp: 106803

Ion Ratio Lower Upper

79 100

52 77.6 73.0 109.4

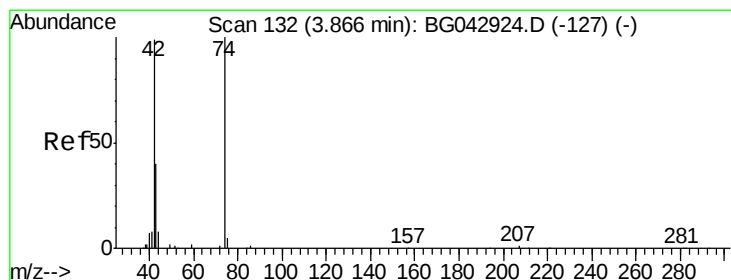
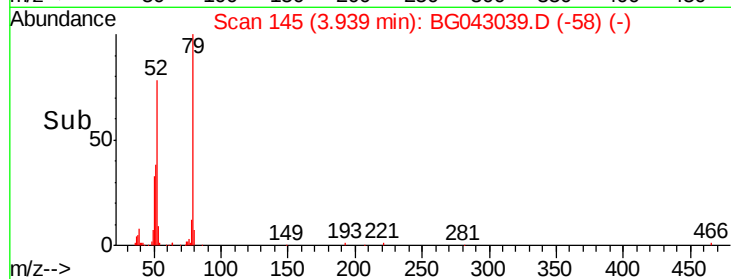
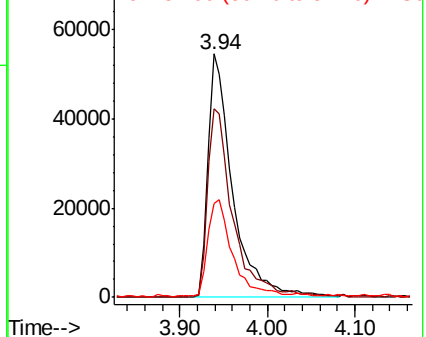
51 38.8 35.1 52.7



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: 25.714 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

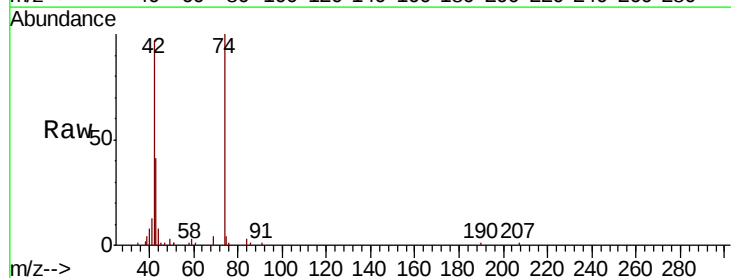
Tgt Ion: 42 Resp: 60188

Ion Ratio Lower Upper

42 100

74 103.0 80.5 120.7

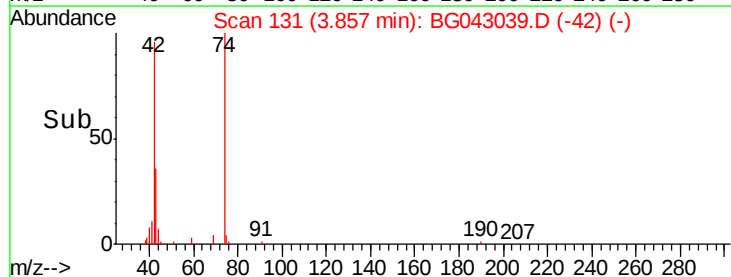
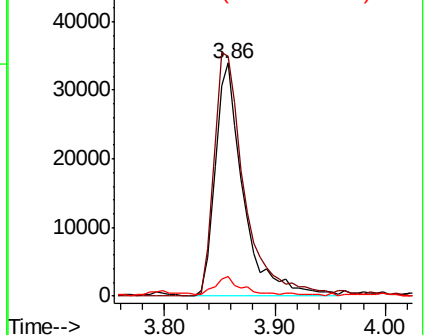
44 8.2 6.9 10.3



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: 81.153 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampled :

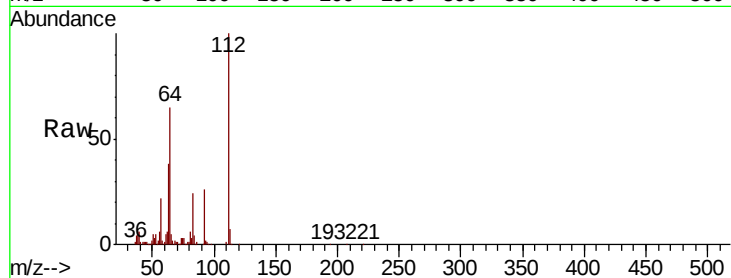
Tot Ion:112 Resp: 336849

Ion Ratio Lower Upper

112 100

64 65.4 56.6 84.8

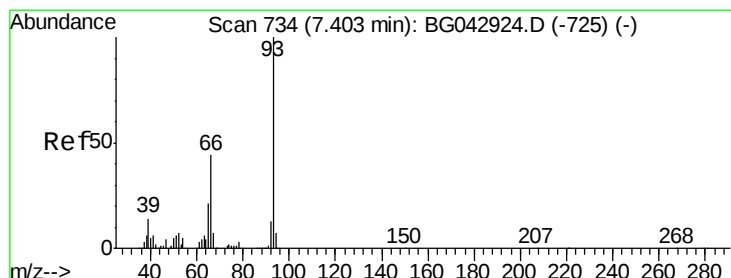
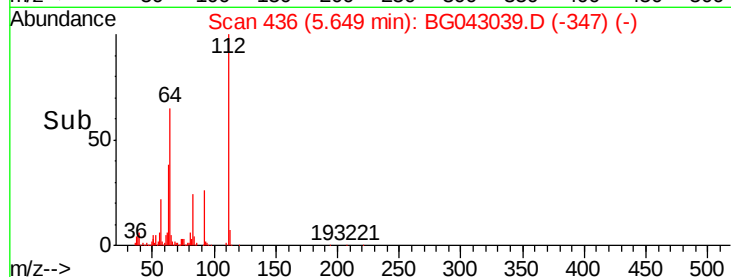
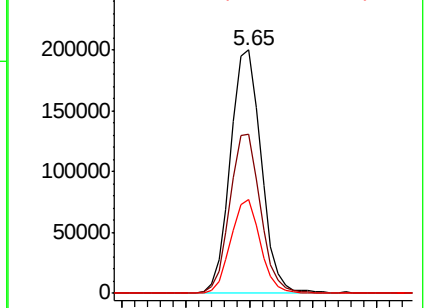
63 38.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.158 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

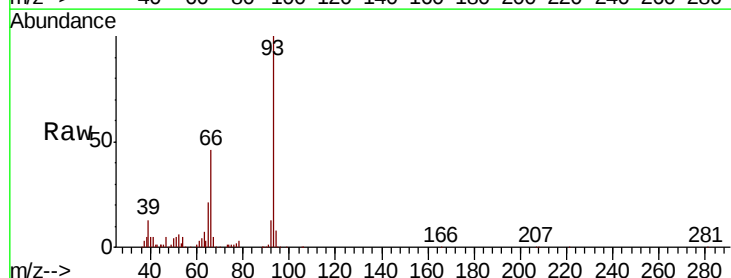
Tgt Ion: 93 Resp: 188744

Ion Ratio Lower Upper

93 100

66 46.3 35.0 52.6

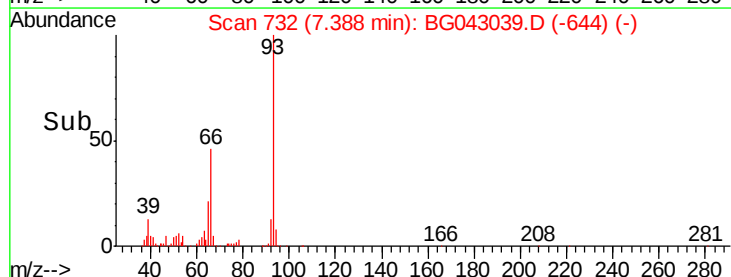
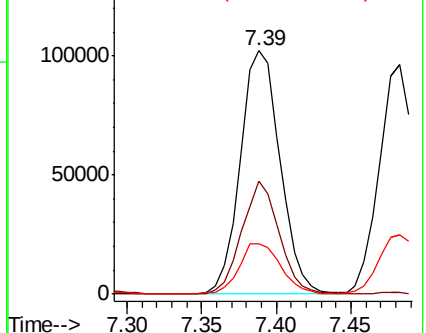
65 20.9 17.4 26.0

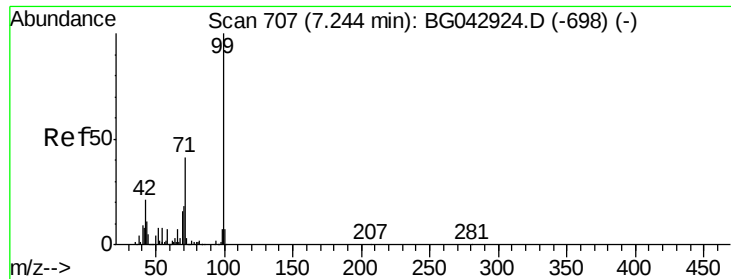


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 53.806 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampled :

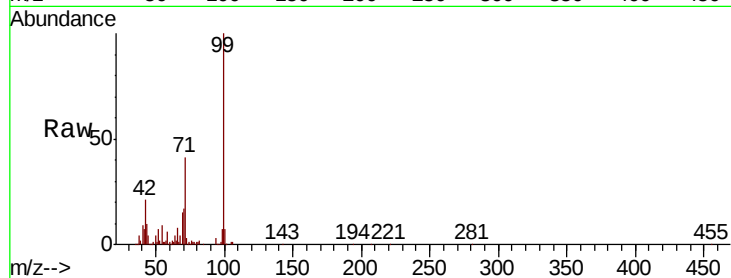
Tot Ion: 99 Resp: 321620

Ion Ratio Lower Upper

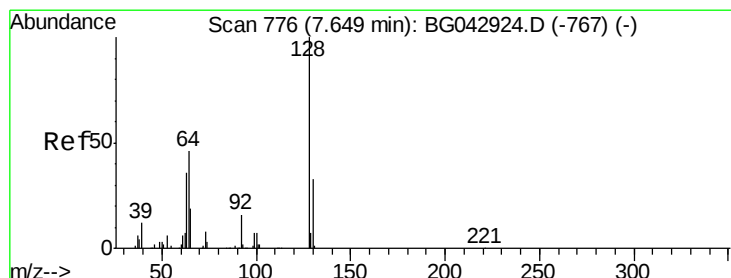
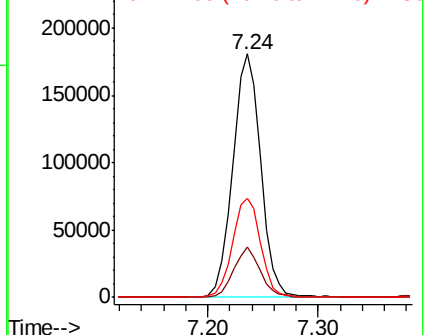
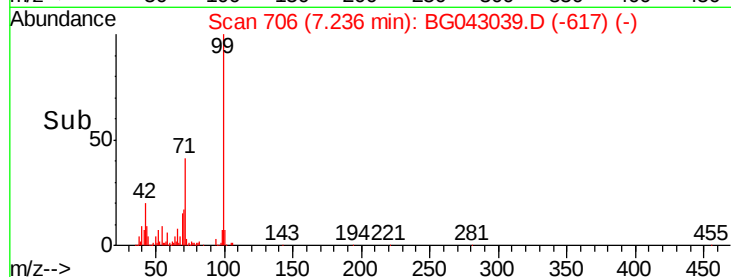
99 100

42 20.6 17.2 25.8

71 40.8 33.1 49.7



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: 42.273 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

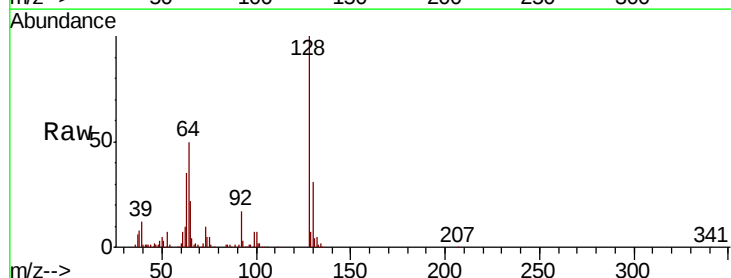
Tgt Ion: 128 Resp: 182987

Ion Ratio Lower Upper

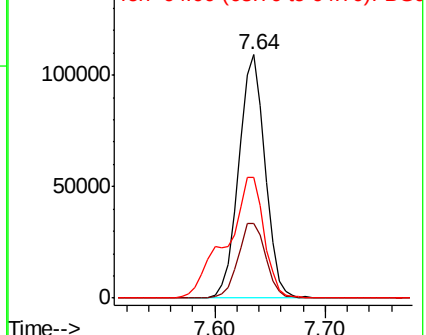
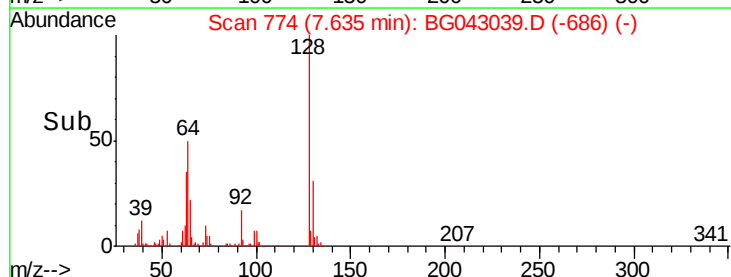
128 100

130 30.7 12.5 52.5

64 49.8 32.8 72.8



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





#9

Benzaldehyde

Concen: 35.195 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

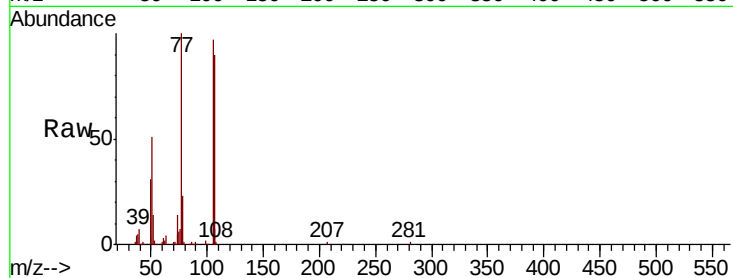
Tot Ion: 77 Resp: 128552

Ion Ratio Lower Upper

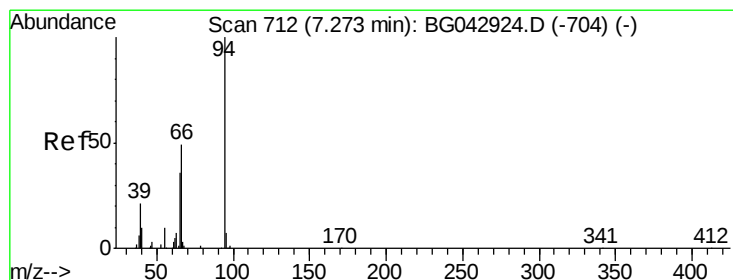
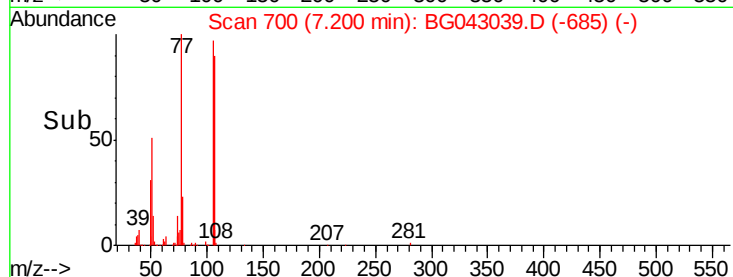
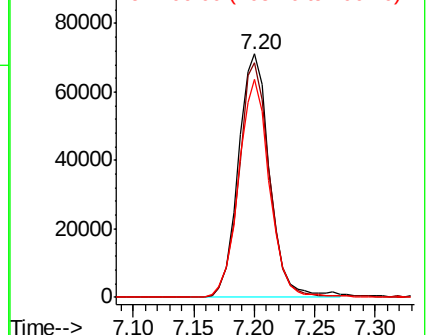
77 100

105 96.5 64.6 104.6

106 89.6 59.4 99.4



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: 23.889 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

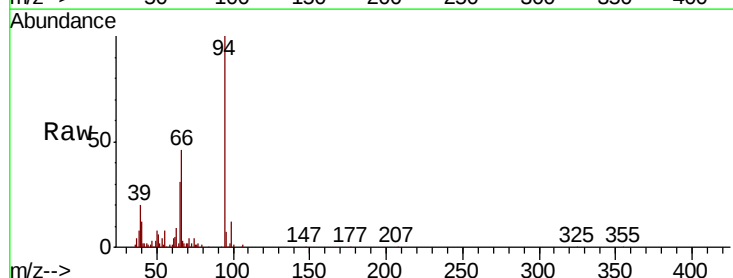
Tgt Ion: 94 Resp: 131009

Ion Ratio Lower Upper

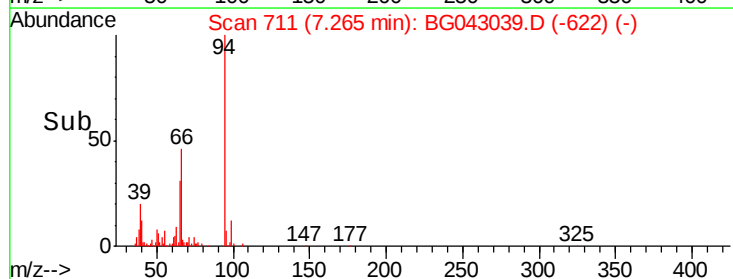
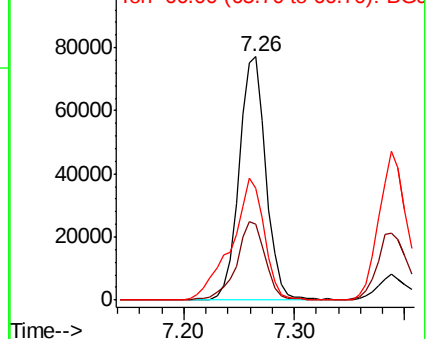
94 100

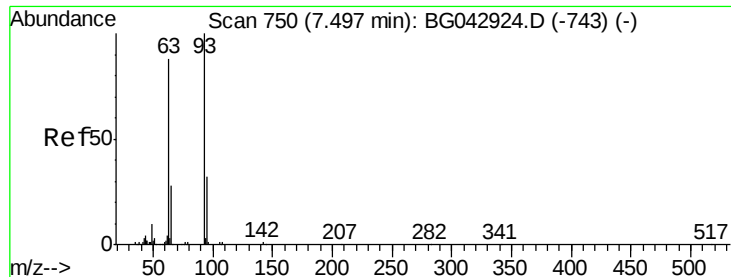
65 31.3 16.6 56.6

66 45.8 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: 37.156 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

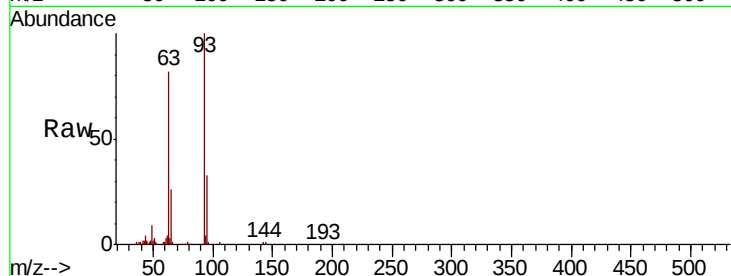
Tot Ion: 93 Resp: 157661

Ion Ratio Lower Upper

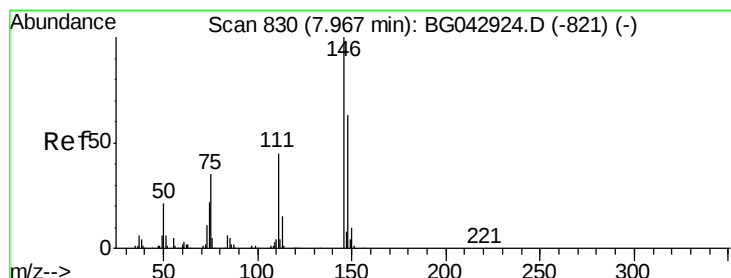
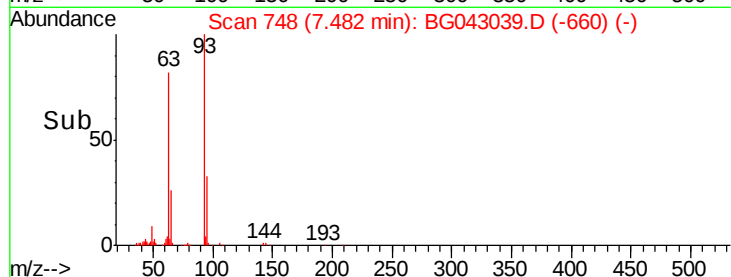
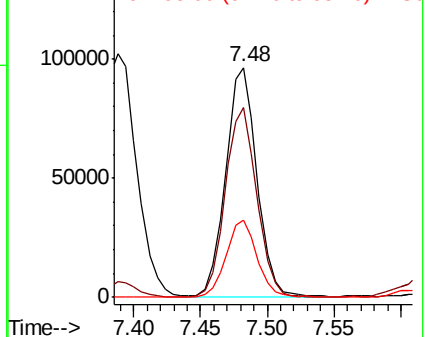
93 100

63 82.4 67.4 107.4

95 33.5 11.9 51.9



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



#12

1,3-Dichlorobenzene

Concen: 30.953 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

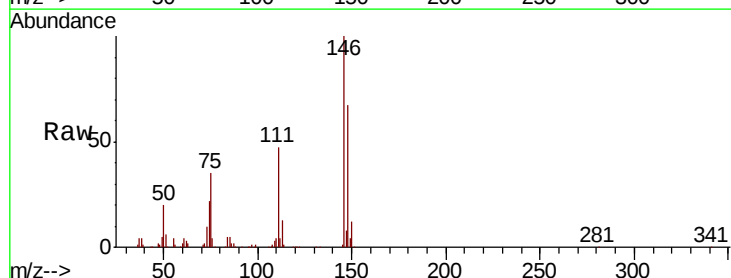
Tgt Ion: 146 Resp: 170923

Ion Ratio Lower Upper

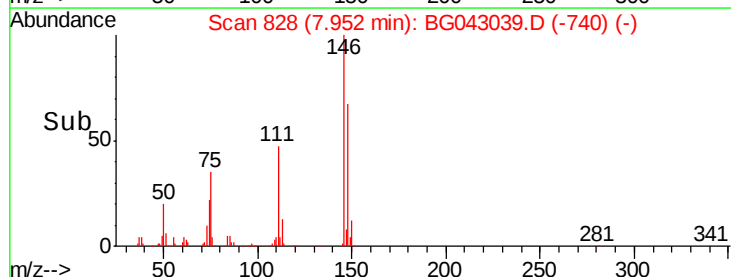
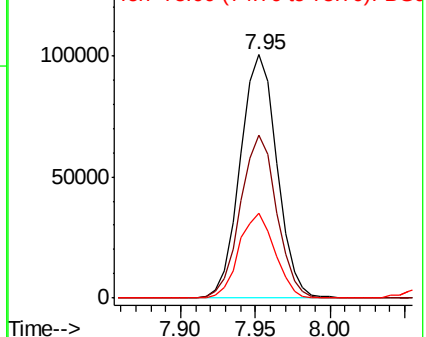
146 100

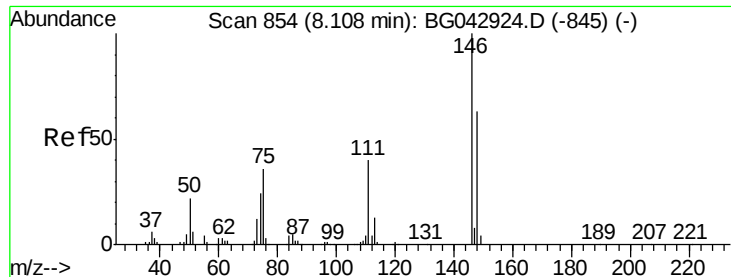
148 67.0 50.7 76.1

75 34.8 27.7 41.5



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





#13

1,4-Dichlorobenzene

Concen: 32.394 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

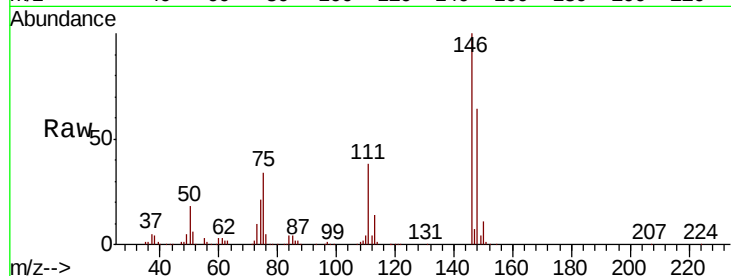
Tot Ion:146 Resp: 178322

Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

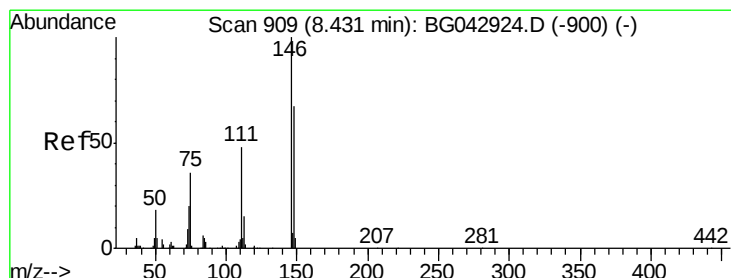
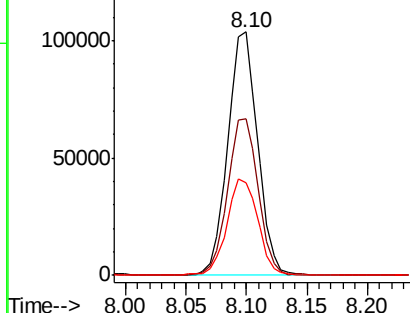
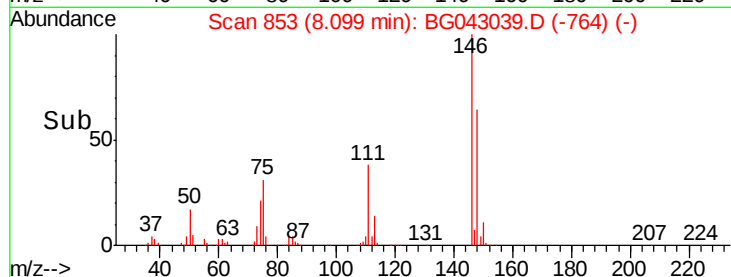
111 38.2 31.8 47.8



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: 32.930 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

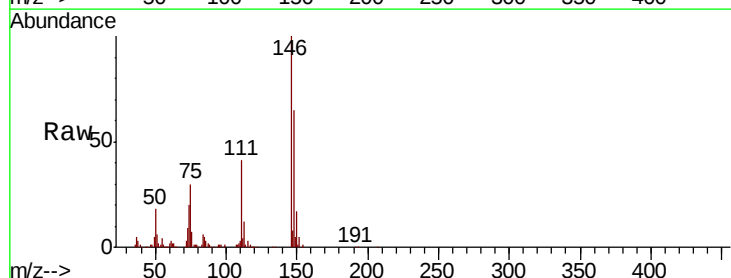
Tgt Ion:146 Resp: 172581

Ion Ratio Lower Upper

146 100

148 65.4 53.4 80.2

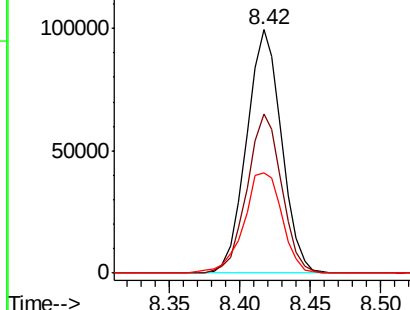
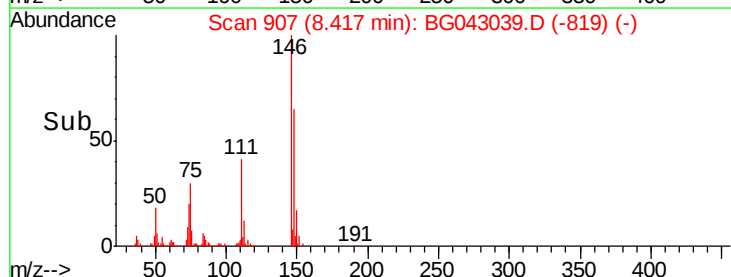
111 41.4 38.5 57.7

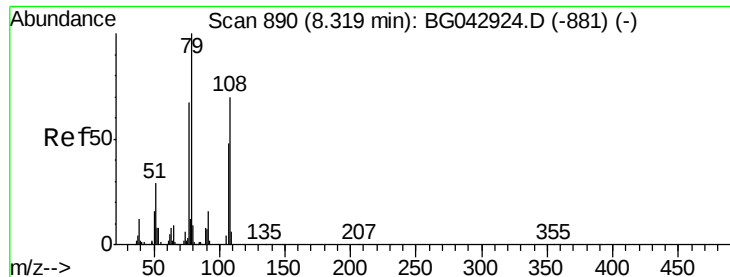


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.065 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

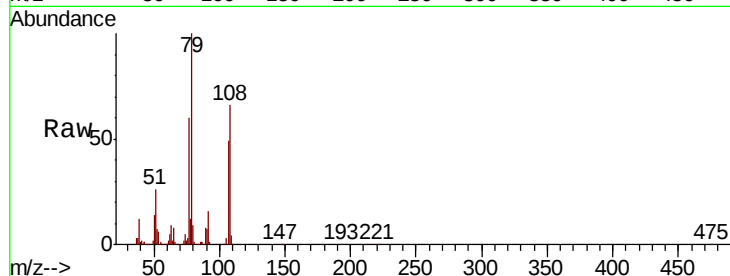
Tot Ion: 79 Resp: 166570

Ion Ratio Lower Upper

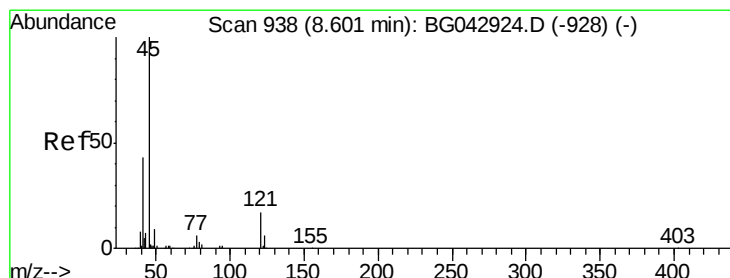
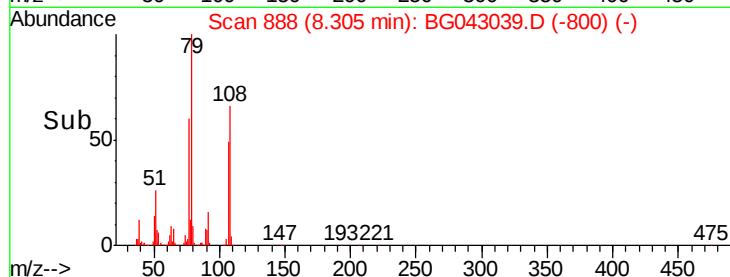
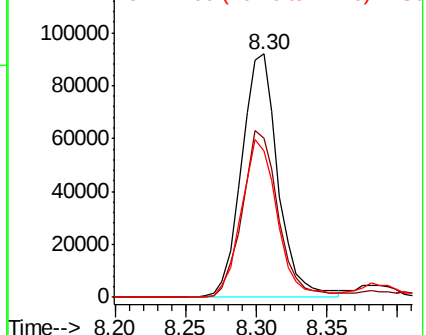
79 100

108 65.6 55.7 83.5

77 60.1 53.3 79.9



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: 29.844 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

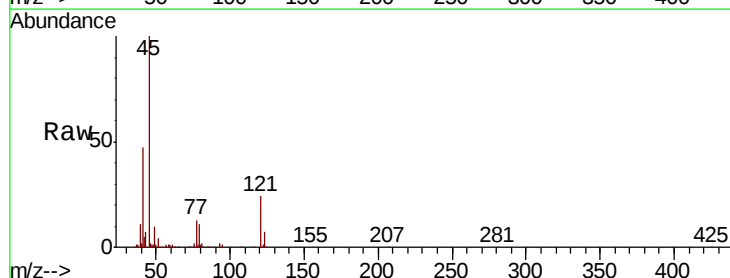
Tgt Ion: 45 Resp: 243190

Ion Ratio Lower Upper

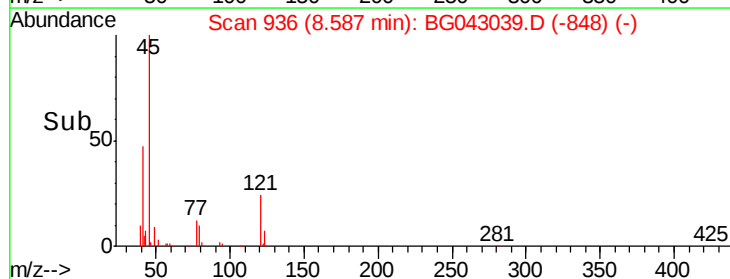
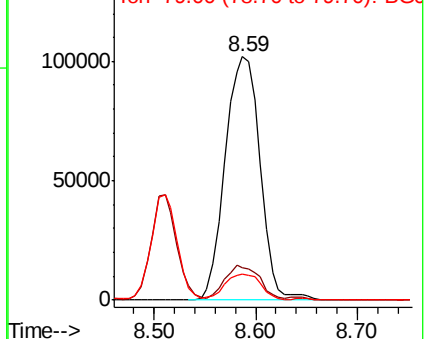
45 100

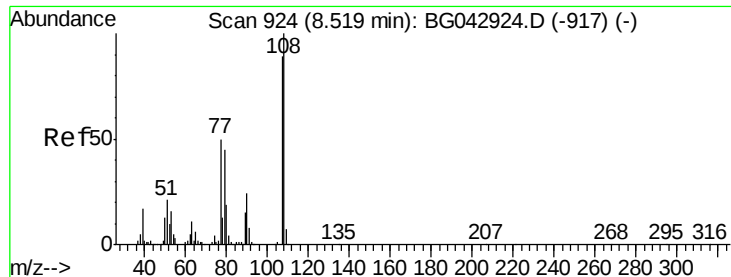
77 13.5 0.0 32.8

79 10.9 0.0 29.4



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

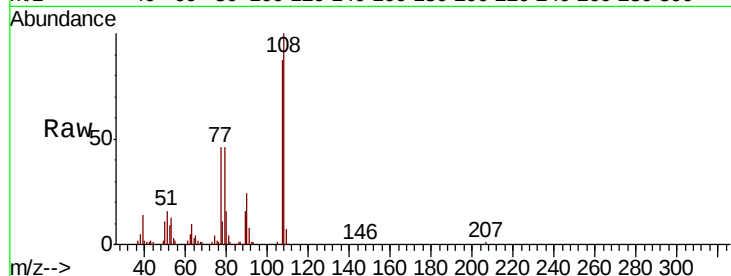




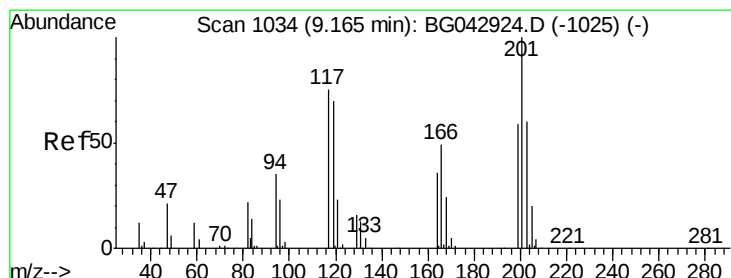
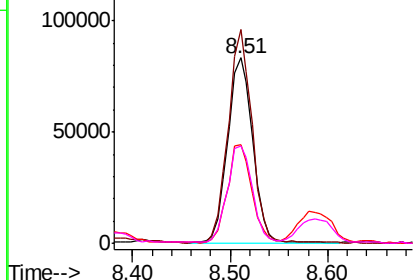
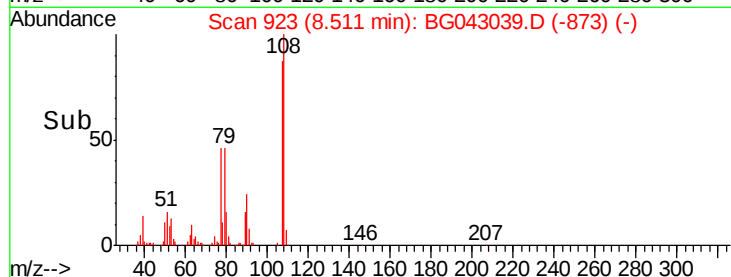
#17
2-Methylphenol
Concen: 39.001 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	149657
Ion	Ratio	Lower	Upper
107	100		
108	115.5	89.9	134.9
77	53.0	45.4	68.2
79	52.8	41.4	62.0

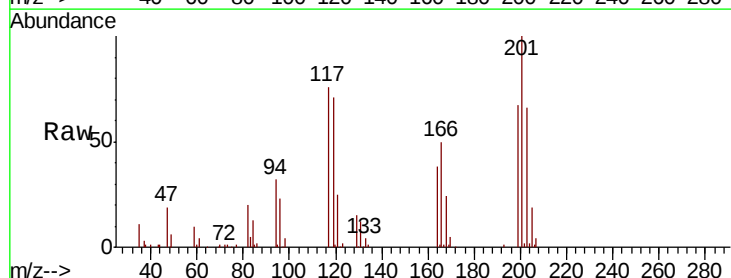


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

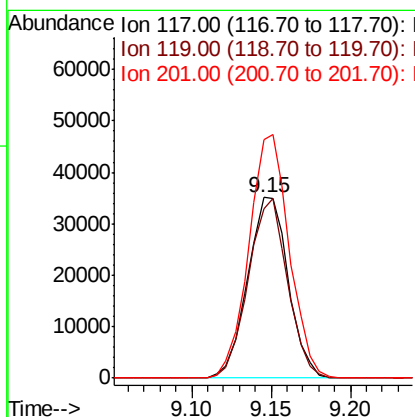
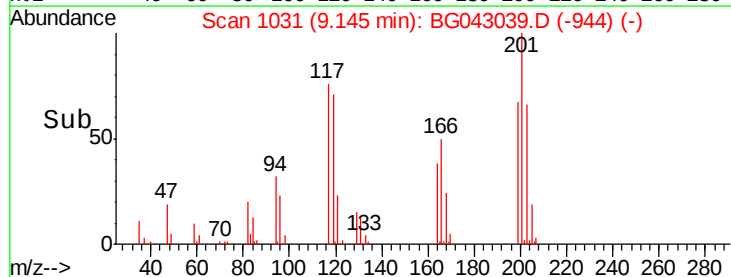


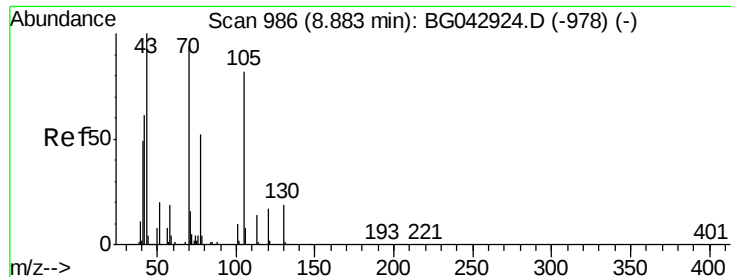
#18
Hexachloroethane
Concen: 30.152 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:	117	Resp:	62512
Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.6	111.8
201	132.3	106.0	159.0



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

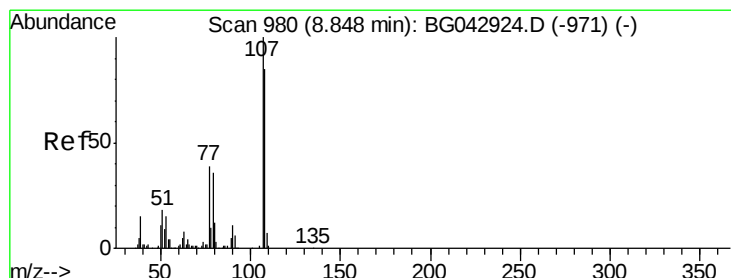
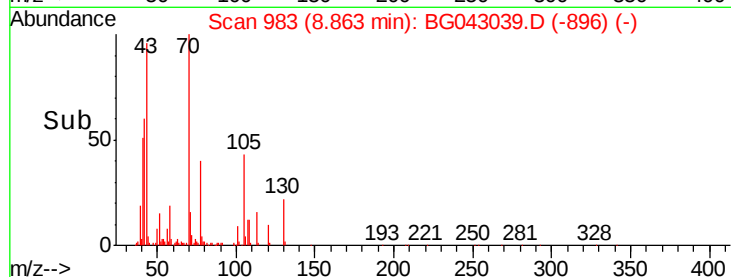
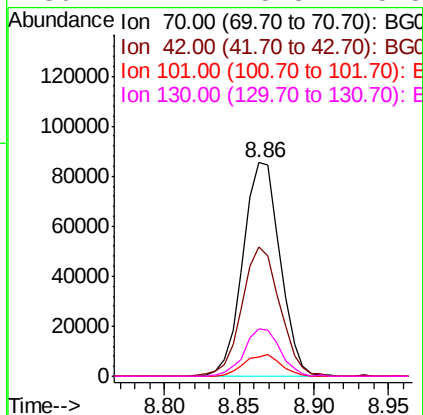
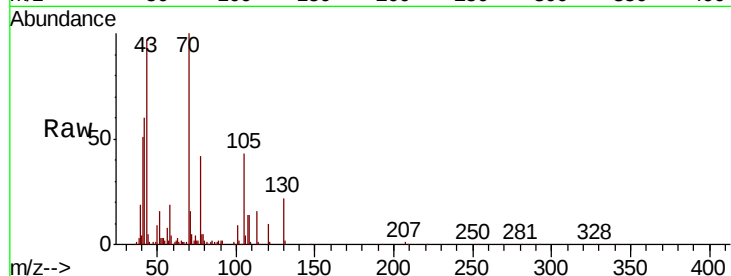




#19
n-Nitroso-di-n-propylamine
Concen: 37.454 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

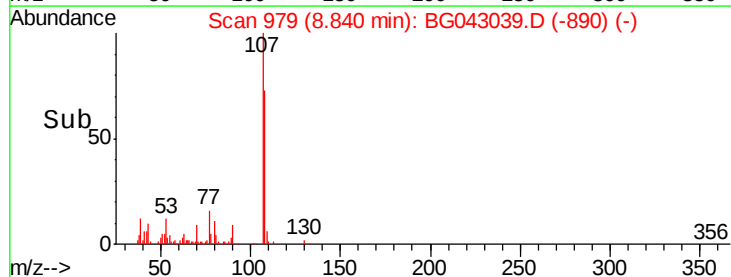
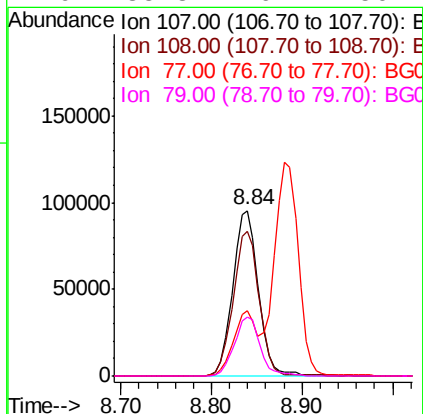
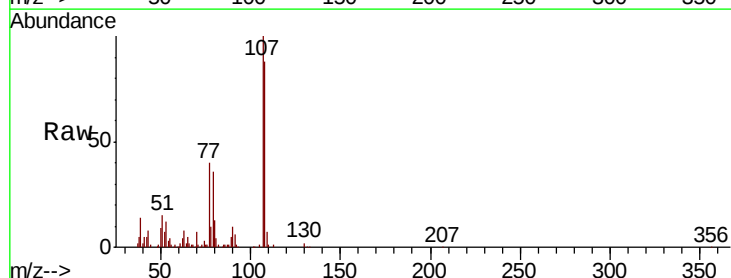
Instrument :
BNA_G
ClientSampleId :

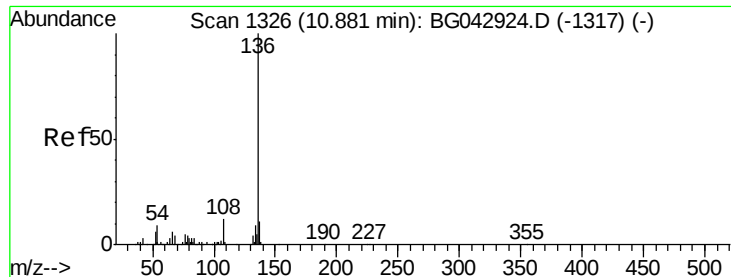
Tot Ion: 70 Resp: 147006
Ion Ratio Lower Upper
70 100
42 60.2 52.6 79.0
101 9.2 8.7 13.1
130 22.1 15.8 23.8



#20
3+4-Methylphenols
Concen: 35.720 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:107 Resp: 187836
Ion Ratio Lower Upper
107 100
108 87.7 64.9 104.9
77 39.9 19.4 59.4
79 35.8 16.2 56.2

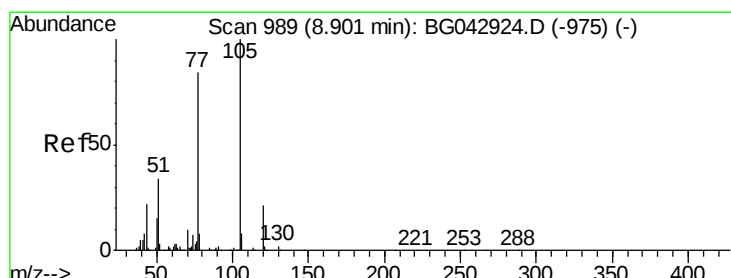
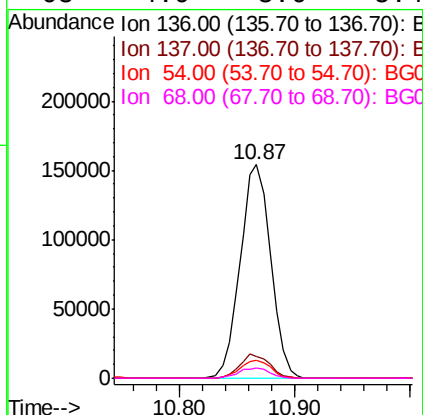
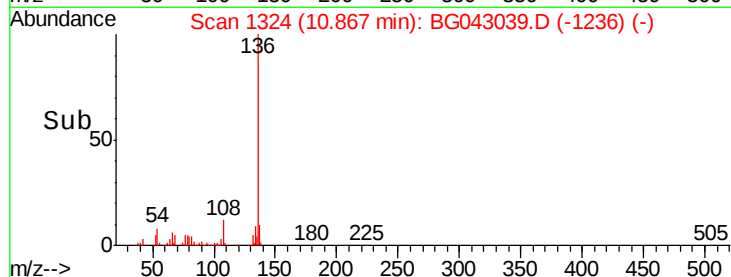
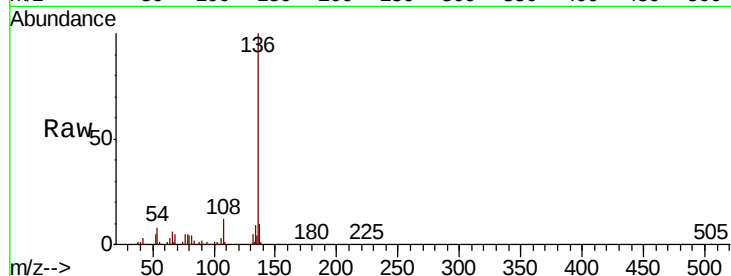




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

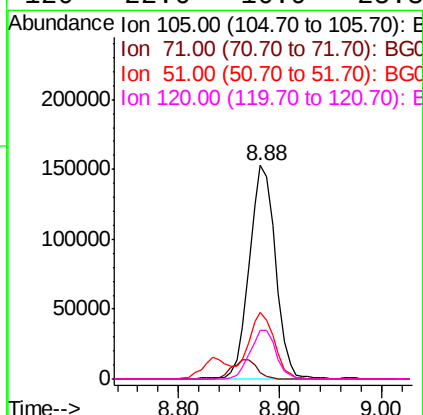
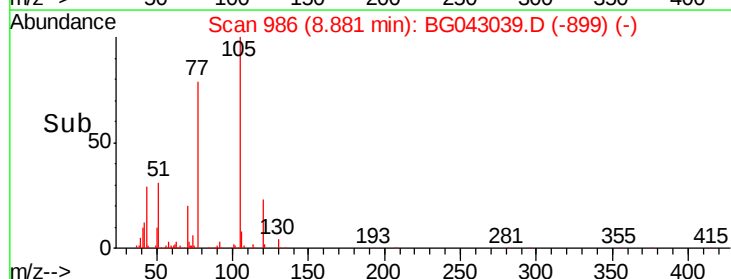
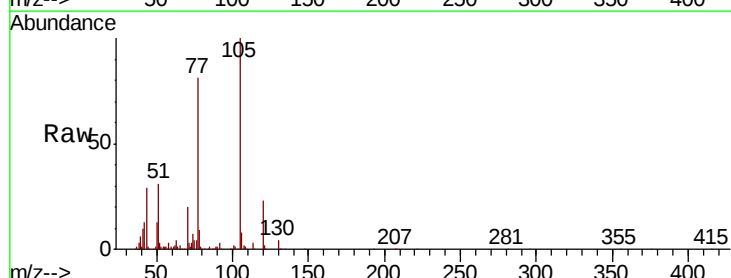
Instrument :
BNA_G
ClientSampleId :

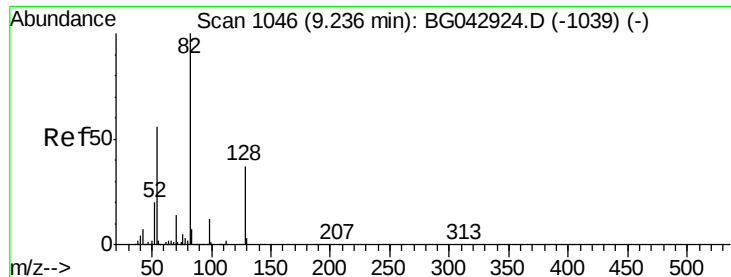
Tot Ion:136	Resp:	283134
Ion Ratio	Lower	Upper
136 100		
137 10.1	8.5	12.7
54 8.3	7.4	11.2
68 4.9	3.6	5.4



#22
Acetophenone
Concen: 37.590 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt	Ion:105	Resp:	274340
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.2	1.8#
51	31.4	27.2	40.8
120	22.6	16.9	25.3

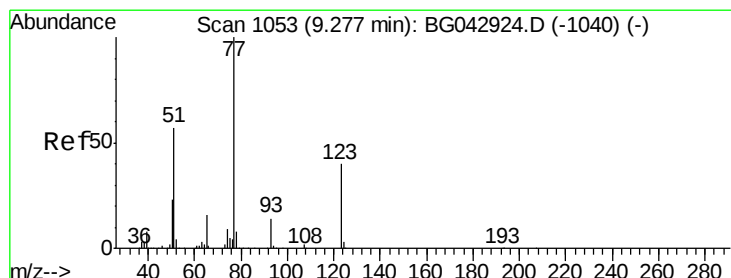
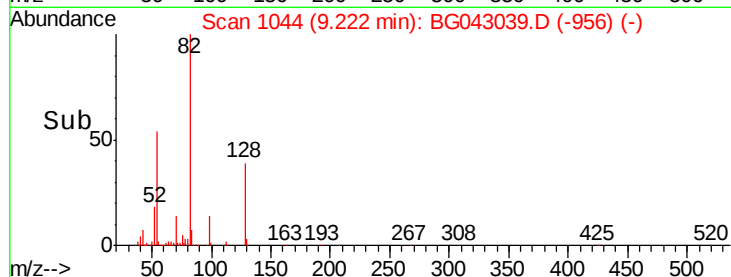
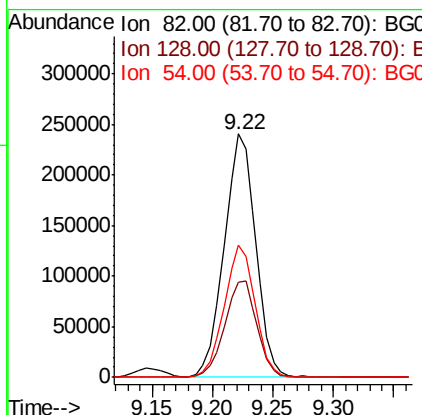
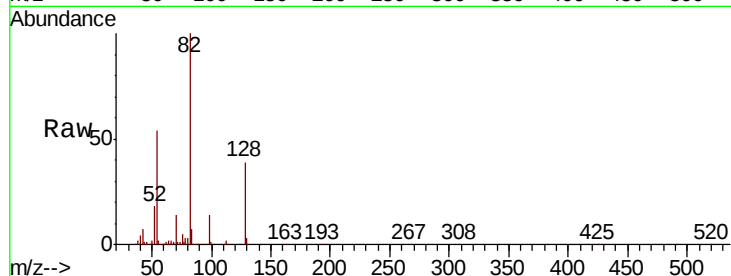




#23
Nitrobenzene-d5
Concen: 74.575 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

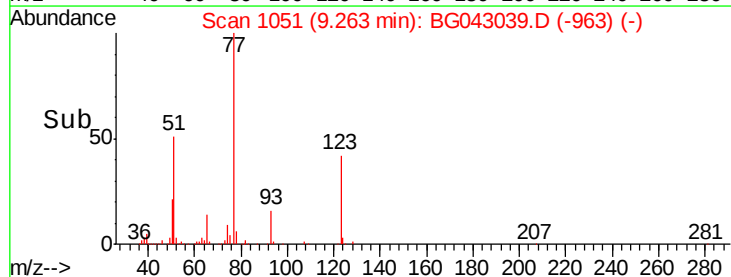
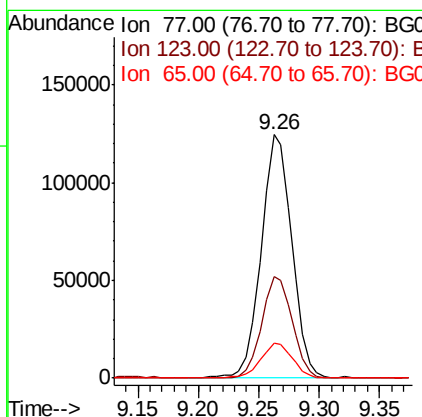
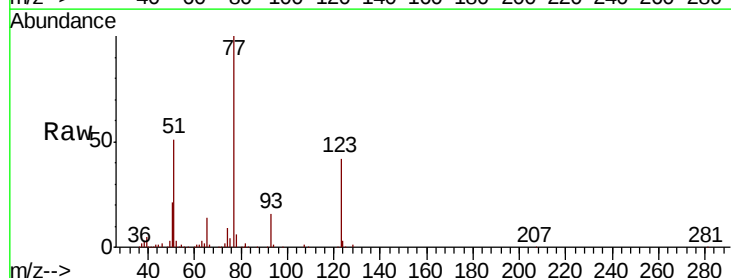
Instrument :
BNA_G
ClientSampleId :

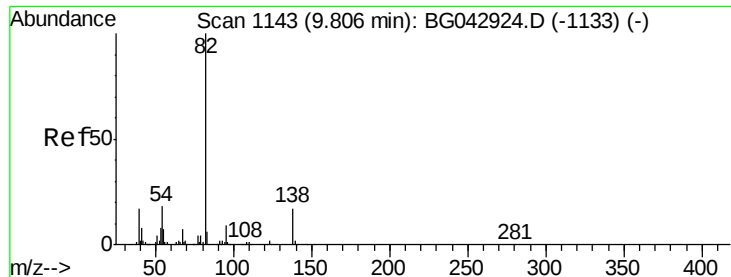
Tot Ion	82	Resp	434411
Ion Ratio	Lower	Upper	
82	100		
128	39.0	29.5	44.3
54	54.2	44.6	67.0



#24
Nitrobenzene
Concen: 39.312 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	77	Resp	218428
Ion Ratio	Lower	Upper	
77	100		
123	41.8	31.9	47.9
65	14.2	12.4	18.6





#25

Isophorone

Concen: 40.488 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

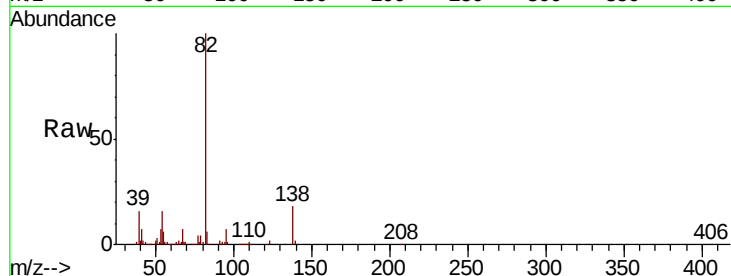
Tot Ion: 82 Resp: 414276

Ion Ratio Lower Upper

82 100

95 7.3 7.0 10.4

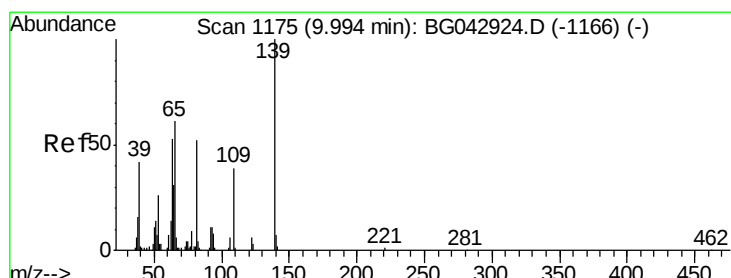
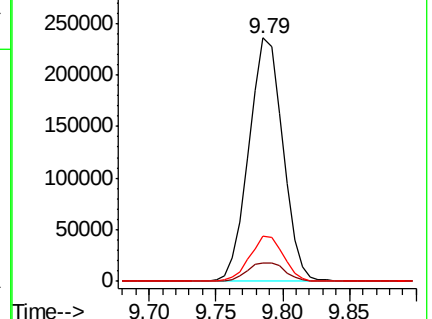
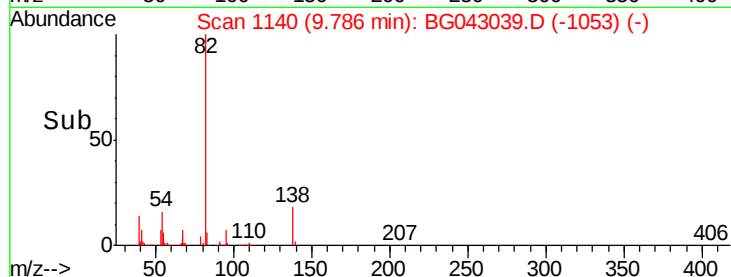
138 18.4 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG043039.D (-1053) (-)

Ion 95.00 (94.70 to 95.70): BG043039.D (-1053) (-)

Ion 138.00 (137.70 to 138.70): BG043039.D (-1053) (-)



#26

2-Nitrophenol

Concen: 46.161 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

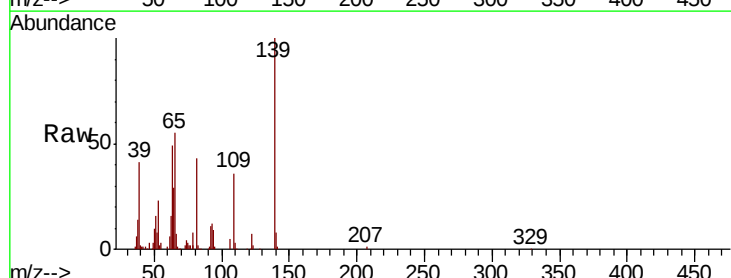
Tgt Ion: 139 Resp: 109186

Ion Ratio Lower Upper

139 100

109 36.1 31.0 46.6

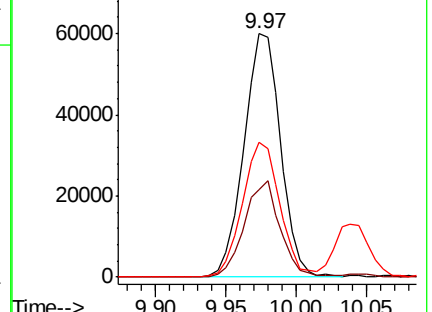
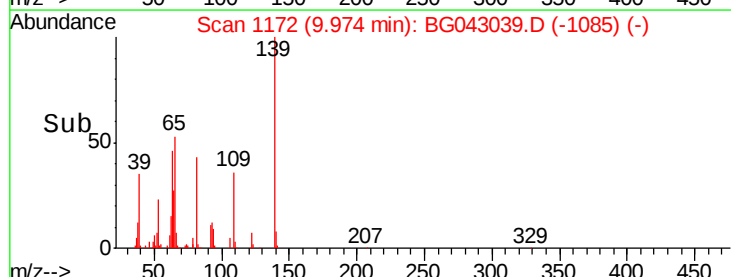
65 55.3 48.4 72.6



Abundance Ion 139.00 (138.70 to 139.70): BG043039.D (-1085) (-)

Ion 109.00 (108.70 to 109.70): BG043039.D (-1085) (-)

Ion 65.00 (64.70 to 65.70): BG043039.D (-1085) (-)

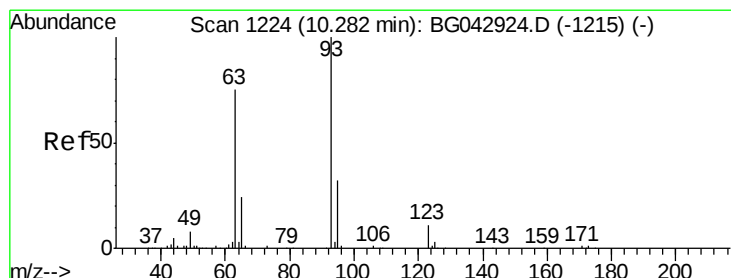
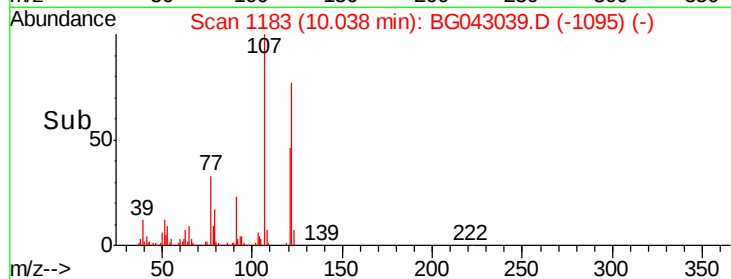
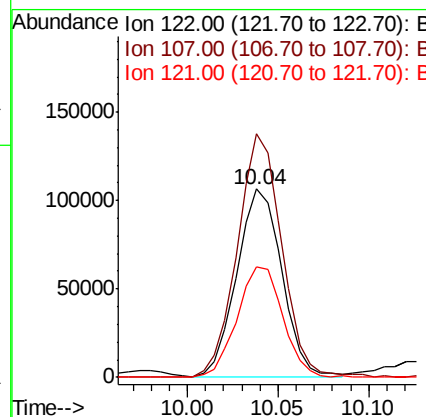
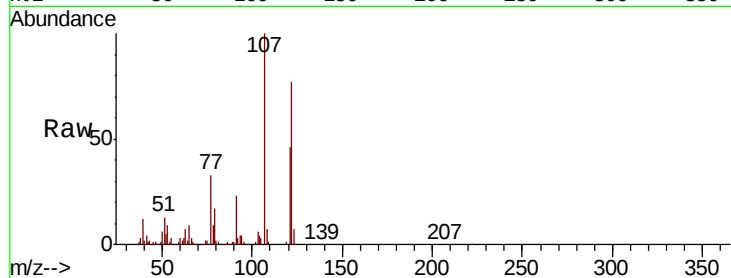




#27
 2,4-Dimethylphenol
 Concen: 50.682 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

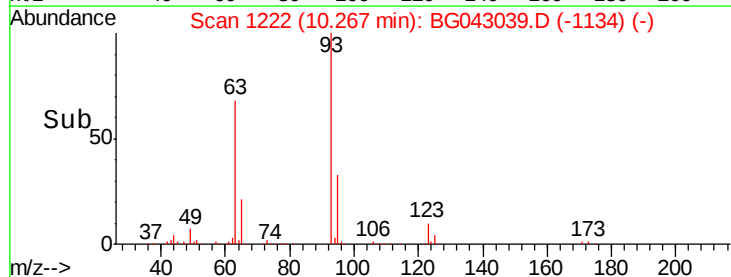
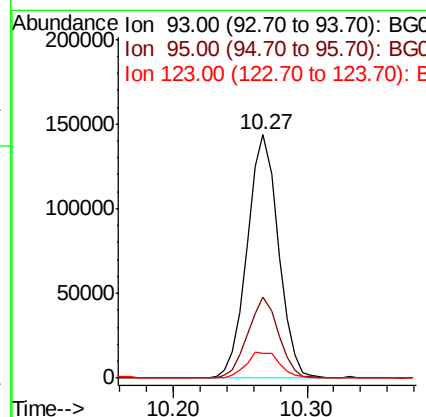
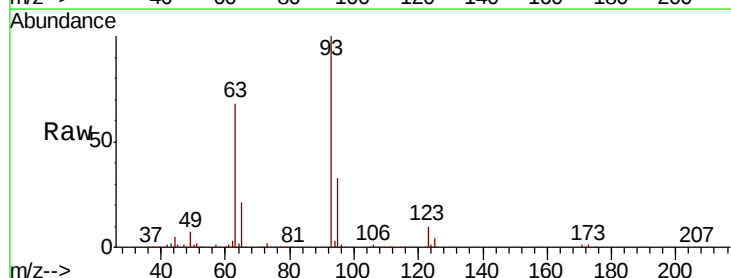
Instrument :
 BNA_G
 ClientSampleId :

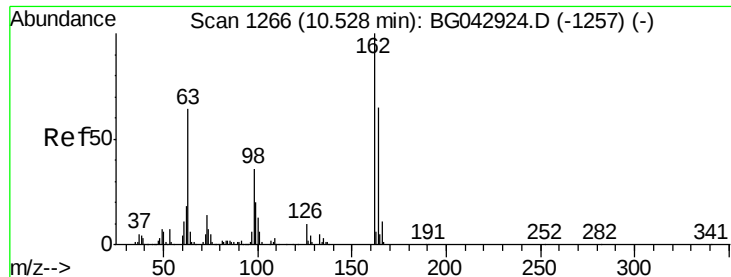
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.3	102.2	153.2
121	58.9	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.846 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.0
123	10.3	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 45.675 ng

RT: 10.51 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampled :

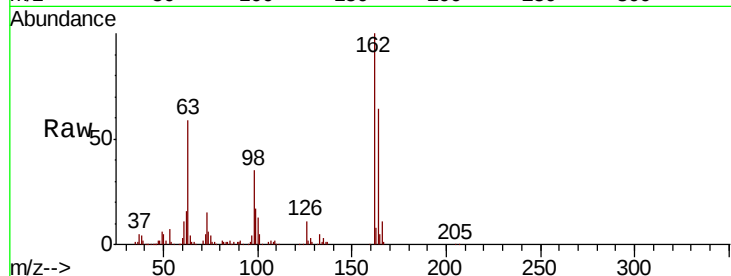
Tot Ion:162 Resp: 206346

Ion Ratio Lower Upper

162 100

164 64.0 44.7 84.7

98 34.8 16.0 56.0

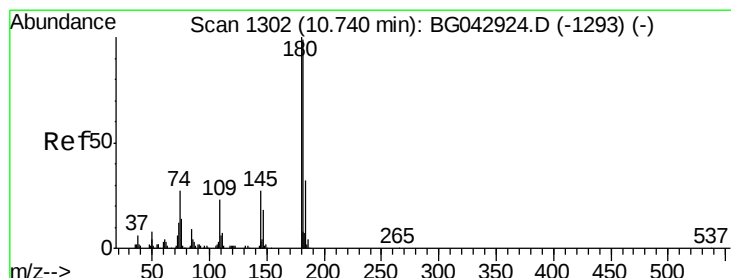
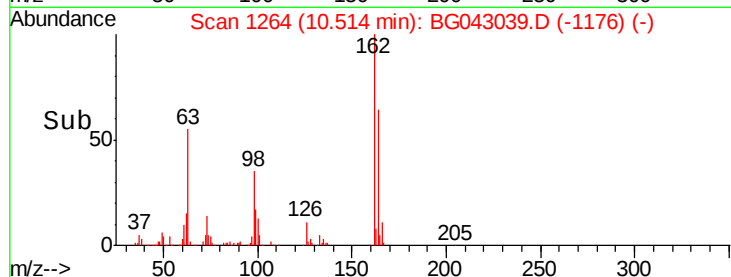
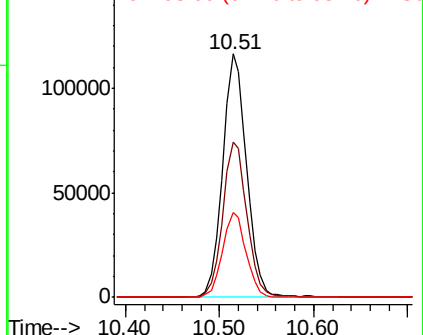


Abundance

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: 36.053 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

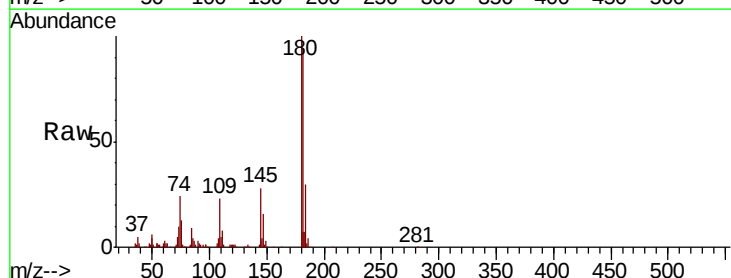
Tgt Ion:180 Resp: 210333

Ion Ratio Lower Upper

180 100

182 93.9 79.3 118.9

145 28.2 22.0 33.0

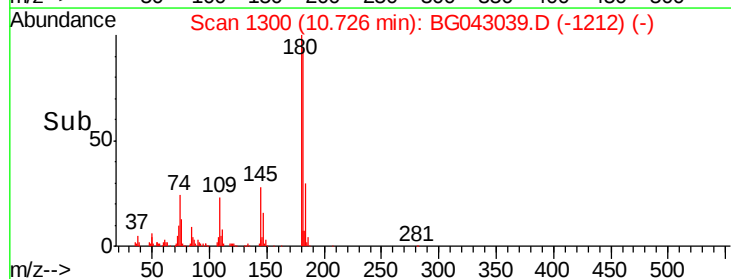
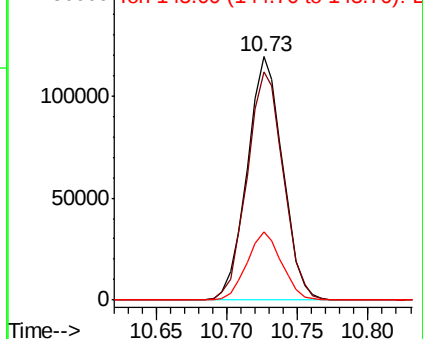


Abundance

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

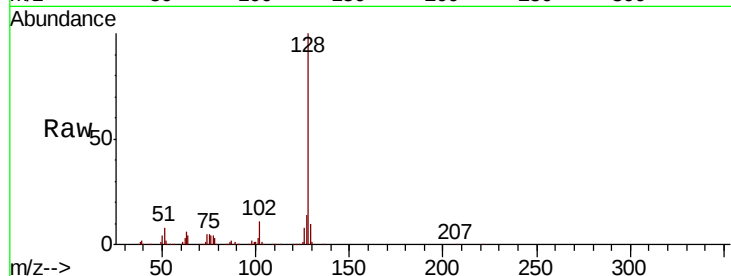




#31
Naphthalene
Concen: 38.374 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.8	13.2
127	14.2	11.3	16.9

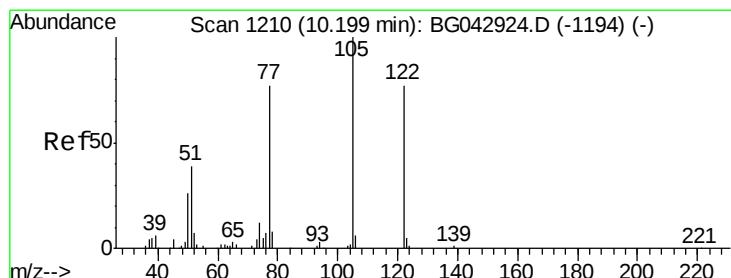
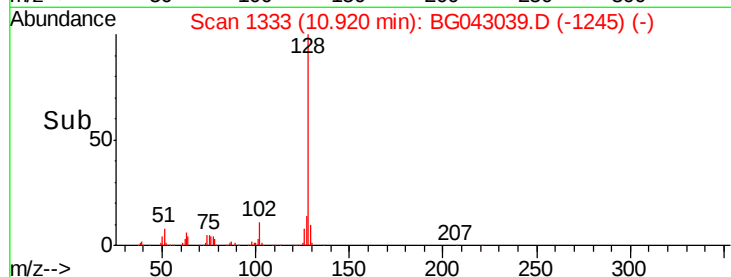
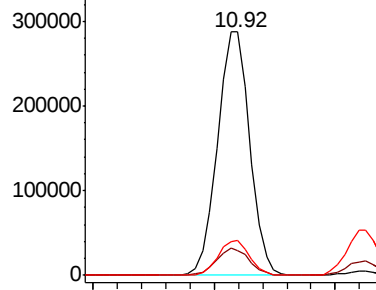


Abundance

Ion 128.00 (127.70 to 128.70): E

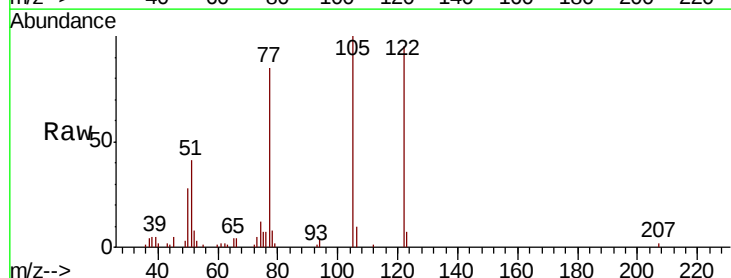
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.497 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.2	107.5	147.5#
77	89.5	79.8	119.8

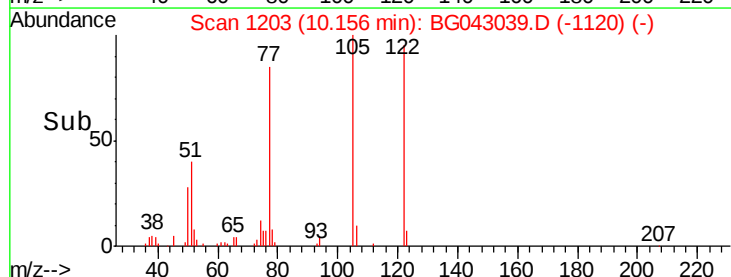
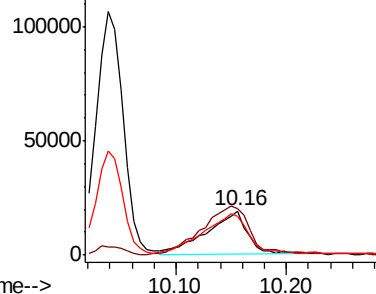


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

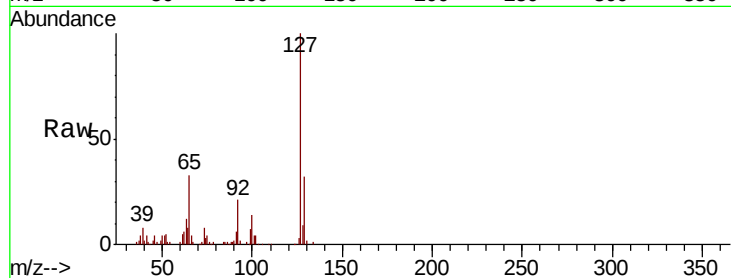




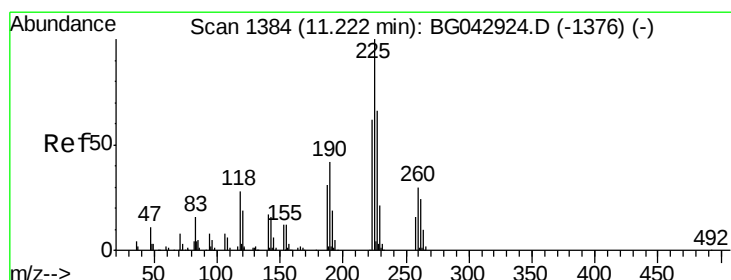
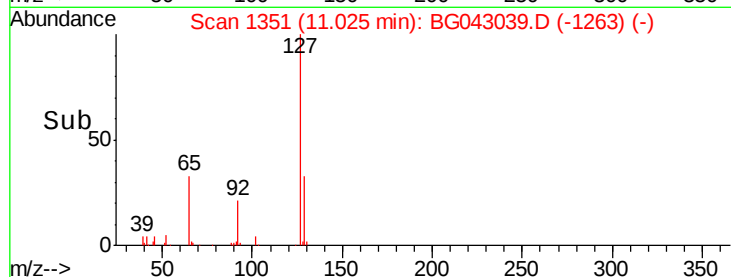
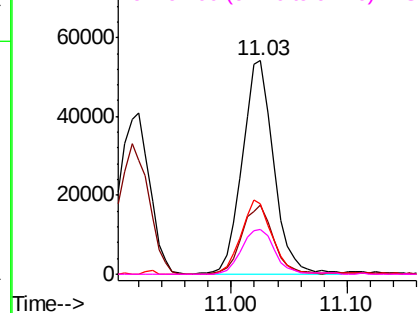
#33
4-Chloroaniline
Concen: 16.975 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	102662
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.2 39.2
65	32.8	30.6 45.8
92	20.9	16.2 24.4

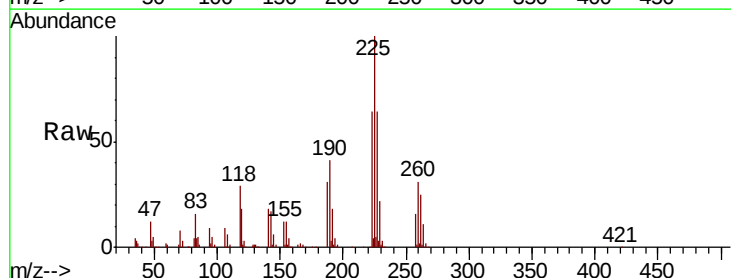


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

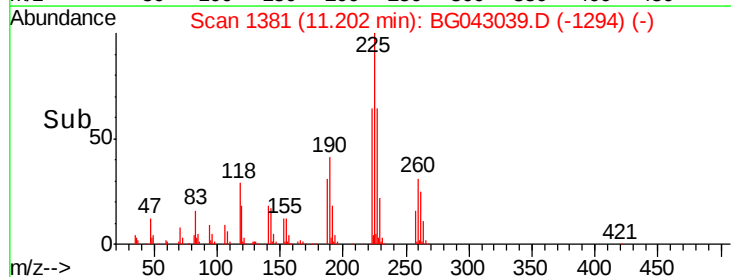
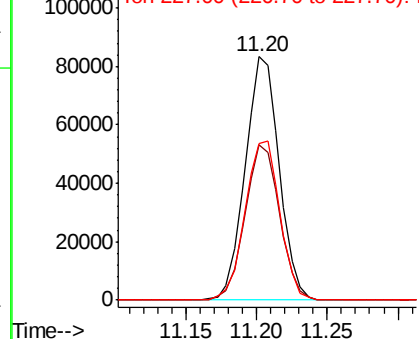


#34
Hexachlorobutadiene
Concen: 32.179 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:225	Resp:	140565
Ion Ratio	Lower	Upper
225	100	
223	64.0	49.3 73.9
227	64.2	52.8 79.2



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

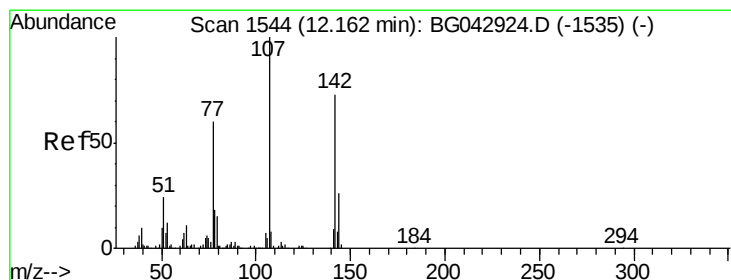
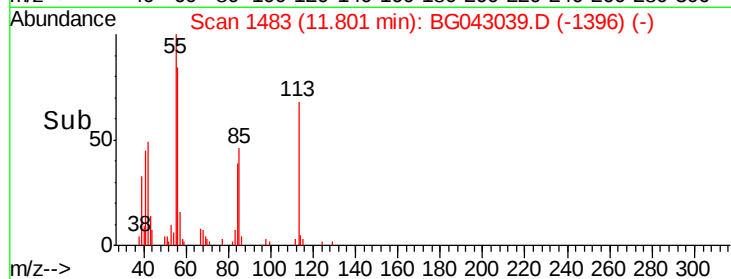
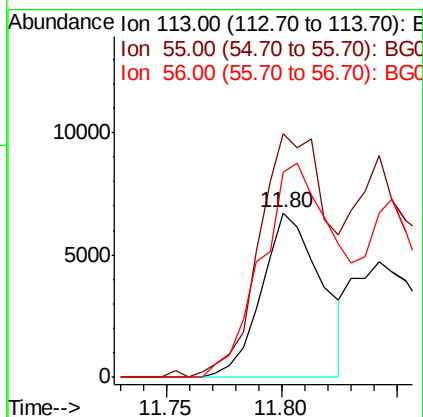
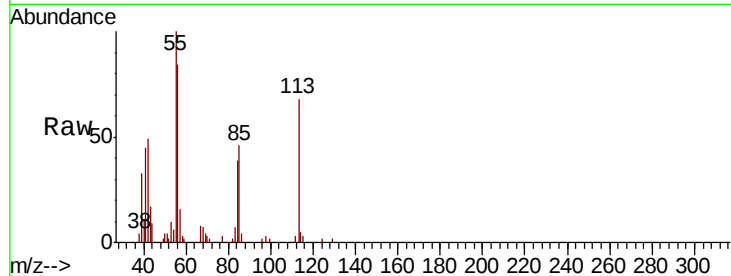




#35
 Caprolactam
 Concen: 7.548 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

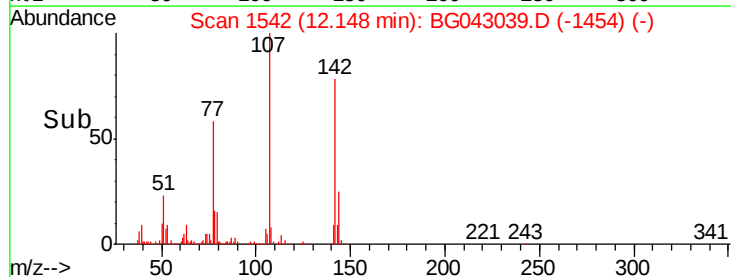
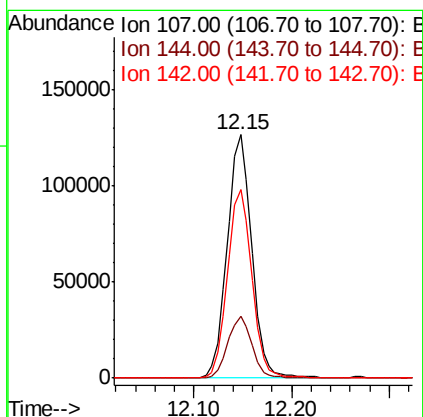
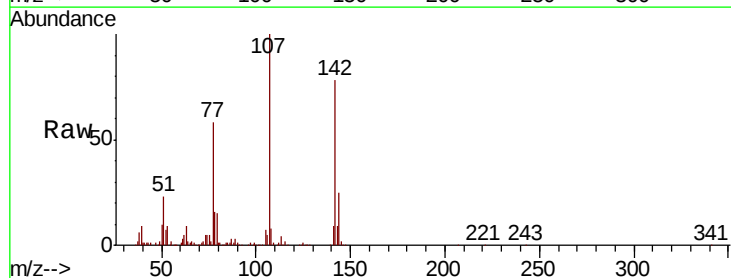
Instrument :
 BNA_G
 ClientSampleId :

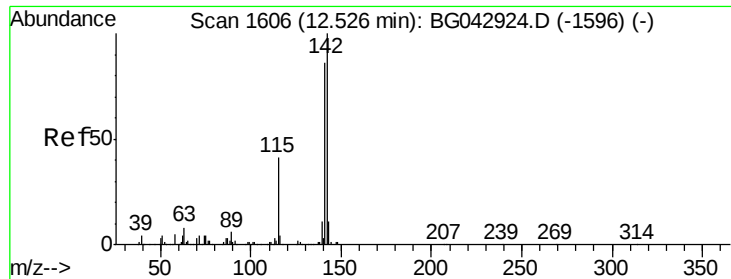
Tot Ion:113 Resp: 12025
 Ion Ratio Lower Upper
 113 100
 55 147.9 175.5 215.5#
 56 124.6 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 44.911 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion:107 Resp: 220602
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.7 31.1
 142 77.6 58.6 87.8

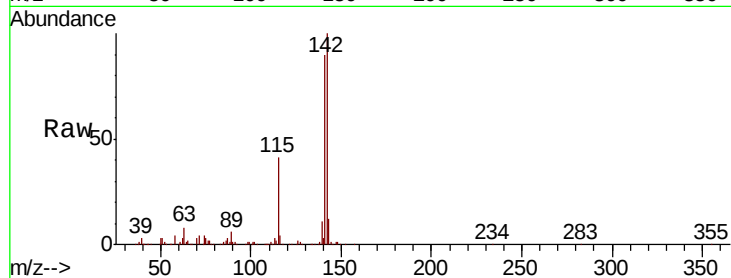




#37
2-Methylnaphthalene
Concen: 39.659 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.0	103.4
115	40.6	32.8	49.2

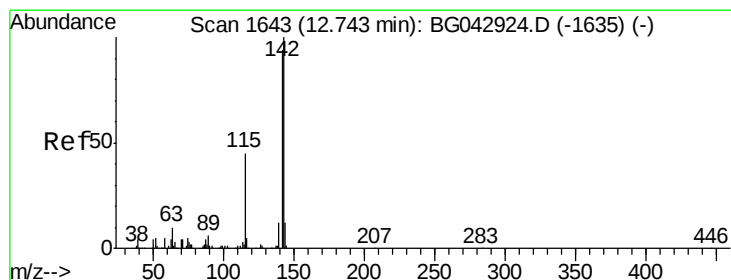
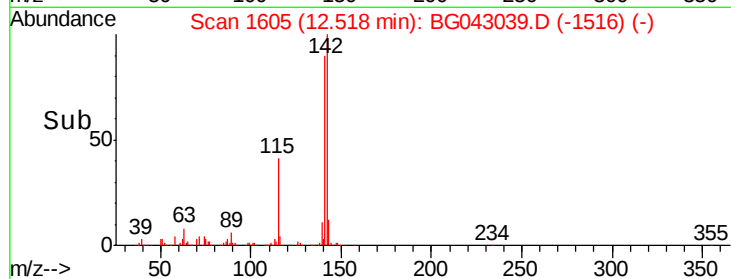
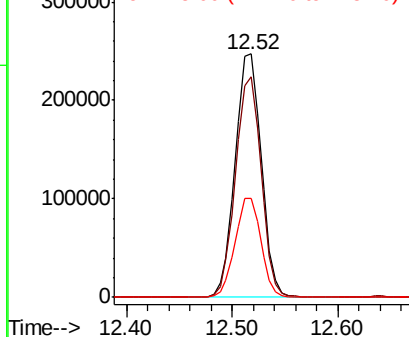


Abundance

Ion 142.00 (141.70 to 142.70): E

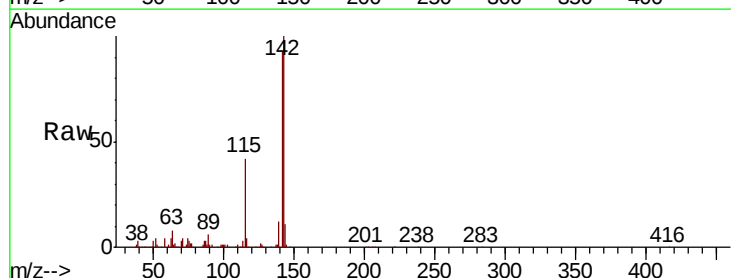
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.323 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.9	112.3
116	4.1	3.7	5.5

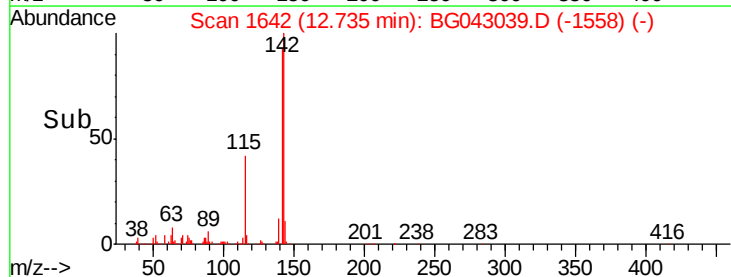
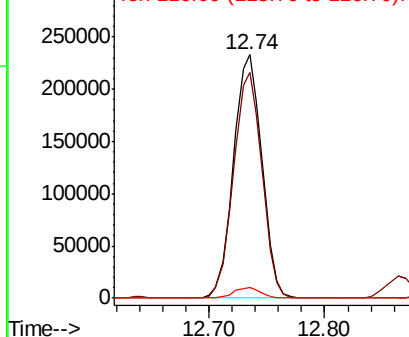


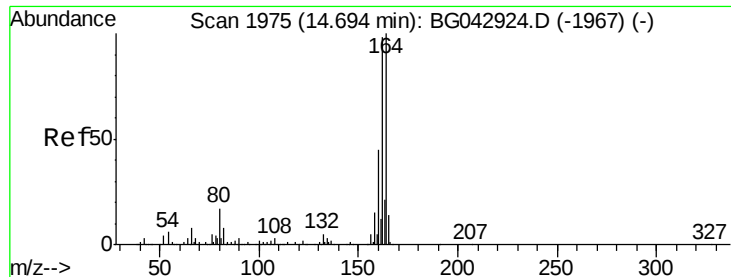
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

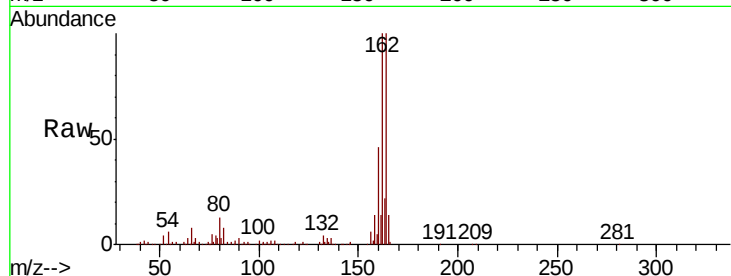
Tot Ion:164 Resp: 201756

Ion Ratio Lower Upper

164 100

162 99.8 78.5 117.7

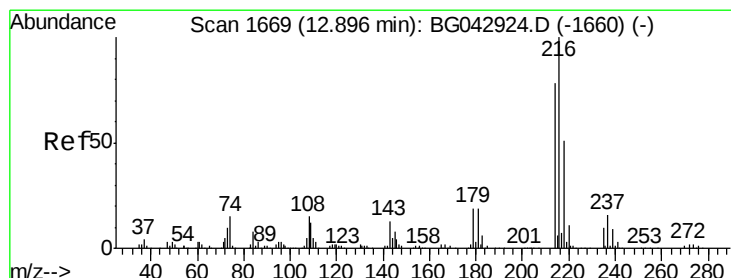
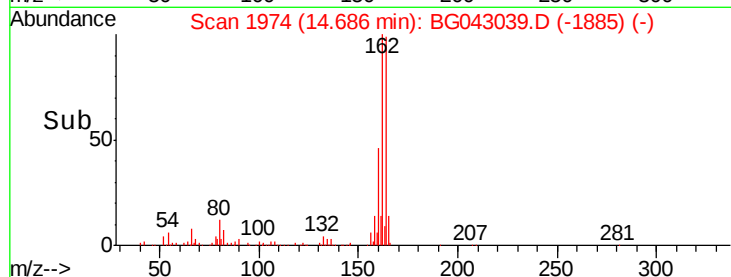
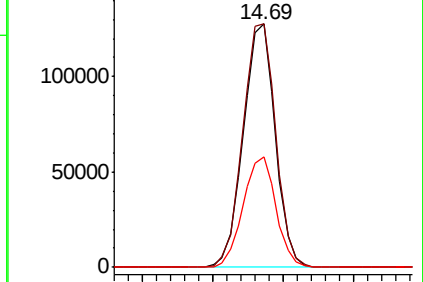
160 45.6 35.9 53.9



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: 37.220 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:216 Resp: 282349

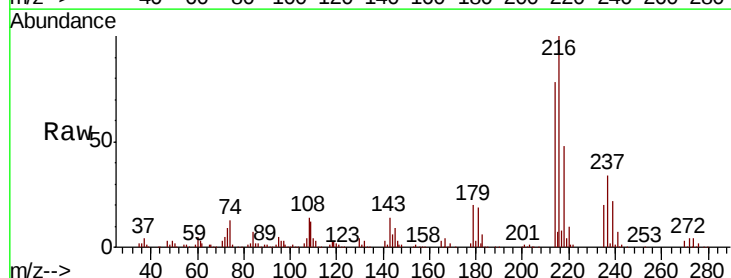
Ion Ratio Lower Upper

216 100

214 77.9 62.4 93.6

179 19.8 15.4 23.2

108 16.5 12.6 19.0

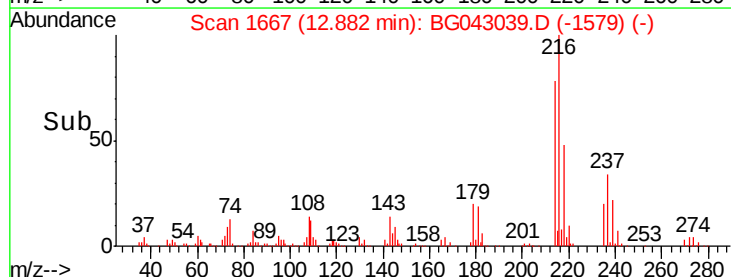
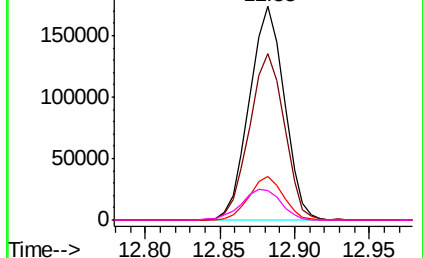


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.509 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

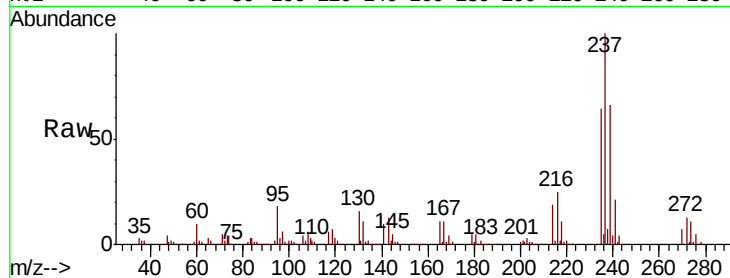
Tot Ion:237 Resp: 340796

Ion Ratio Lower Upper

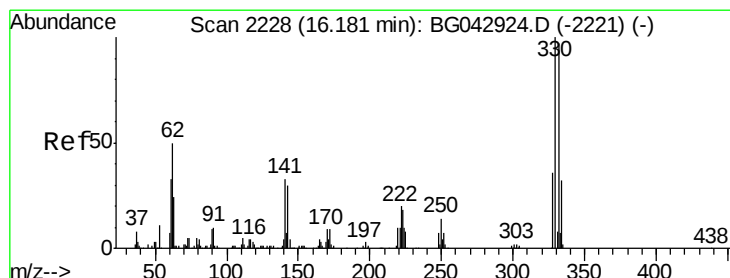
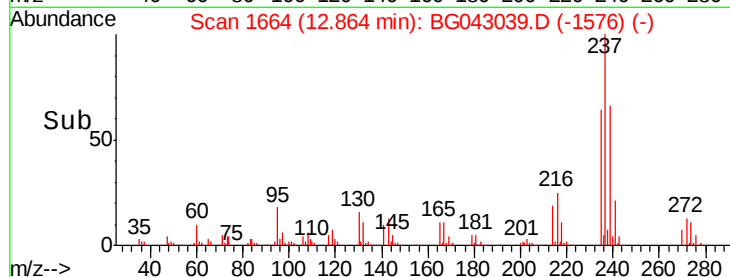
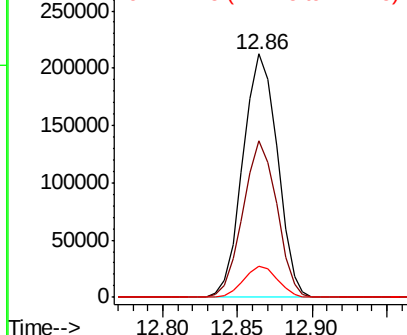
237 100

235 64.2 46.7 86.7

272 13.0 0.0 32.3



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: 123.178 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

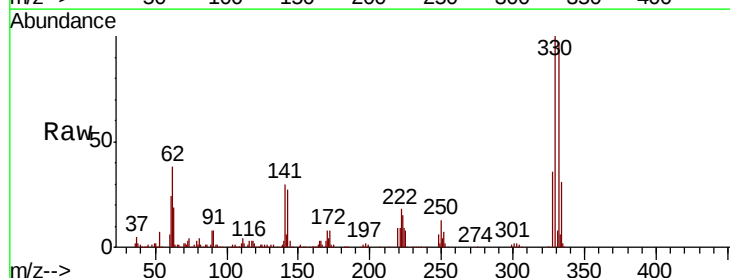
Tgt Ion:330 Resp: 427345

Ion Ratio Lower Upper

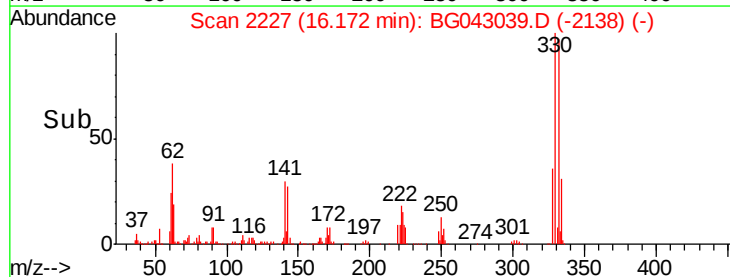
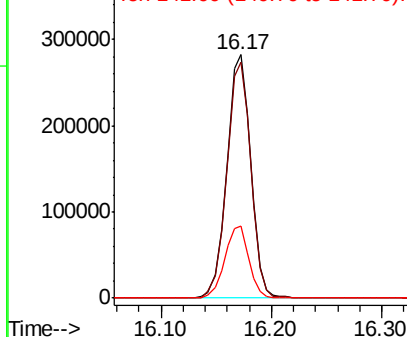
330 100

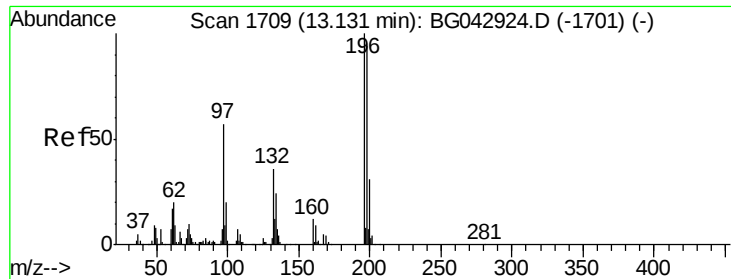
332 97.3 78.2 117.2

141 30.0 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

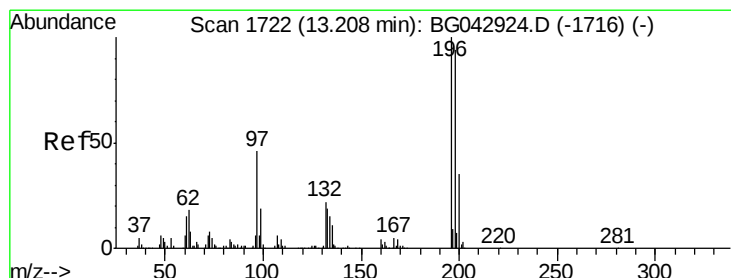
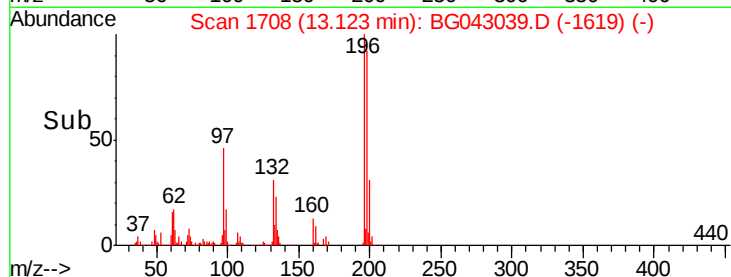
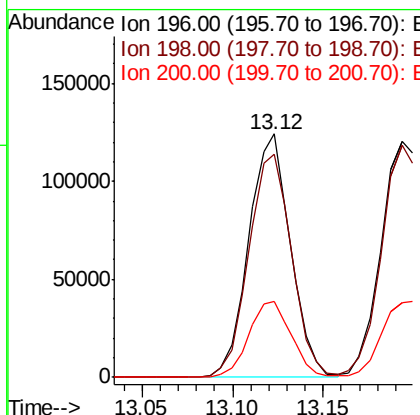
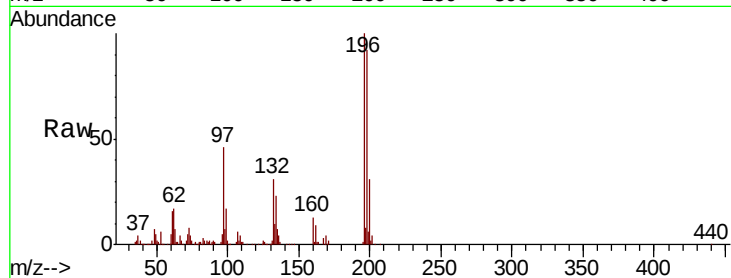




#43
 2,4,6-Trichlorophenol
 Concen: 44.670 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

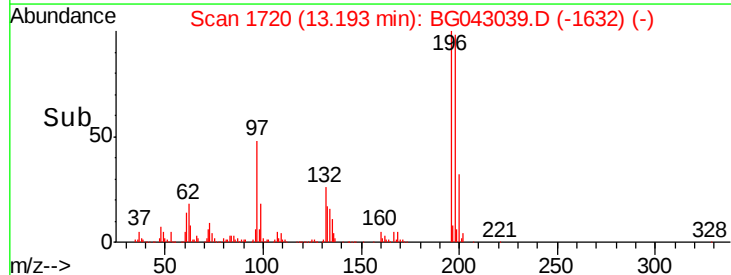
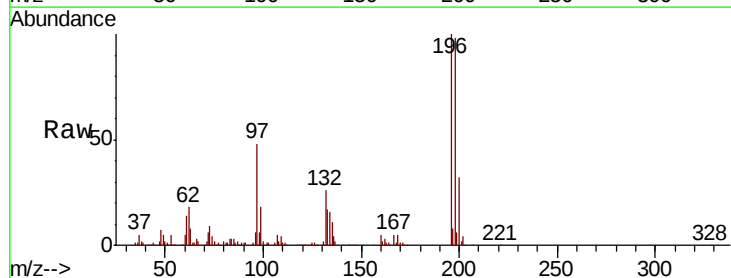
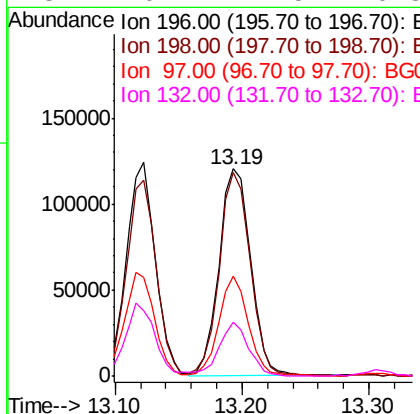
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.5	113.3
200	31.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.662 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.1	112.7
97	48.1	37.0	55.4
132	26.1	17.5	26.3

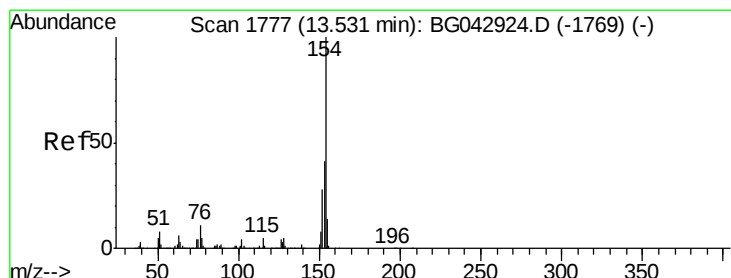
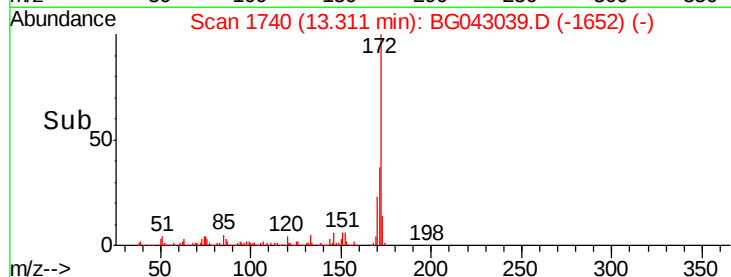
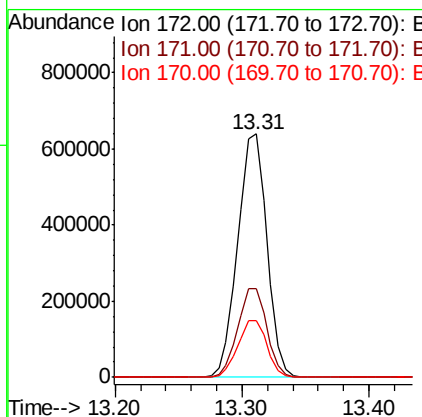
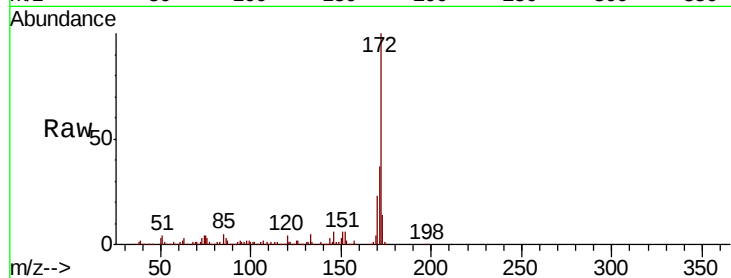




#45
2-Fluorobiphenyl
Concen: 73.226 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

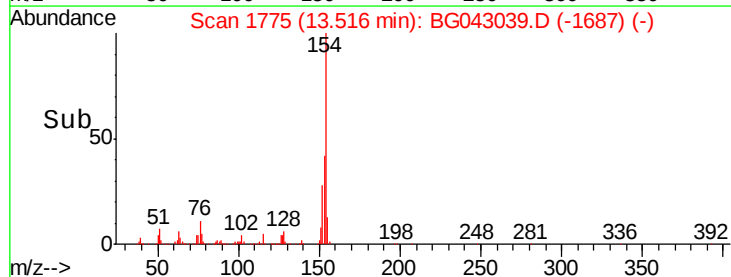
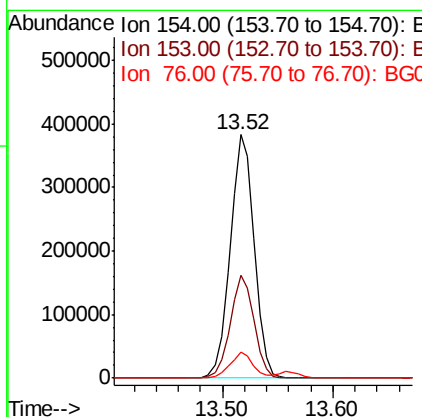
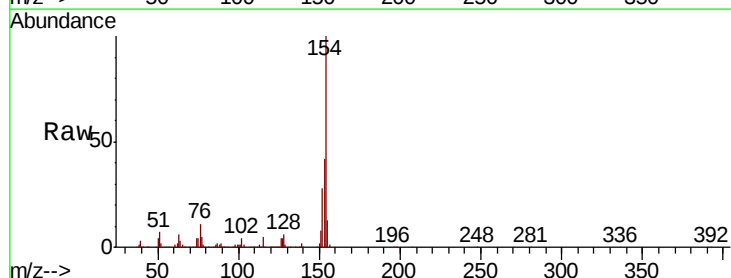
Instrument :
BNA_G
ClientSampleId :

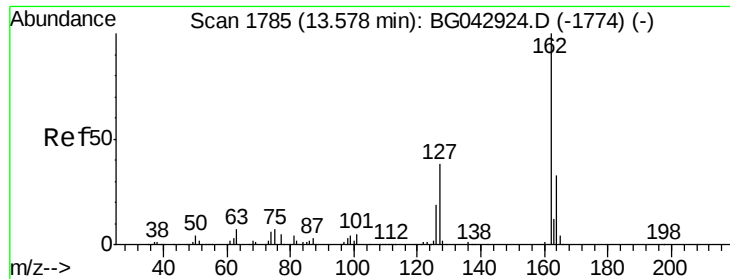
Tot Ion:172 Resp: 1019091
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 37.956 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:154 Resp: 580737
Ion Ratio Lower Upper
154 100
153 42.4 21.4 61.4
76 10.5 0.0 31.3

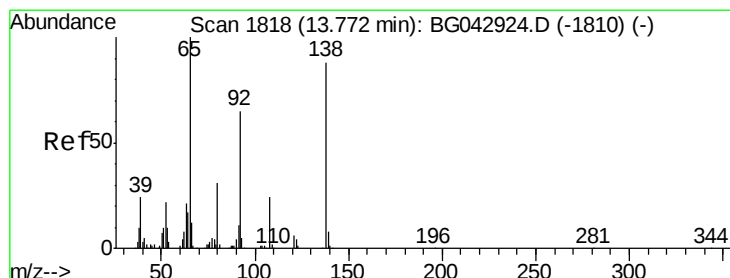
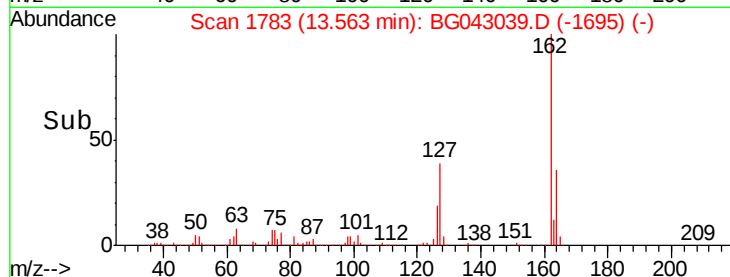
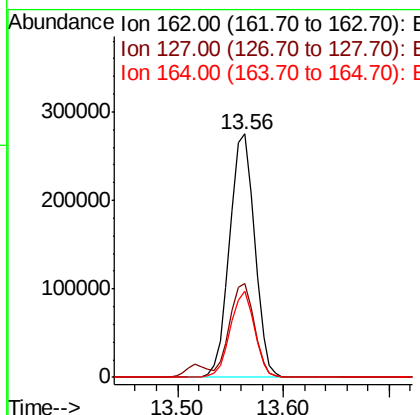
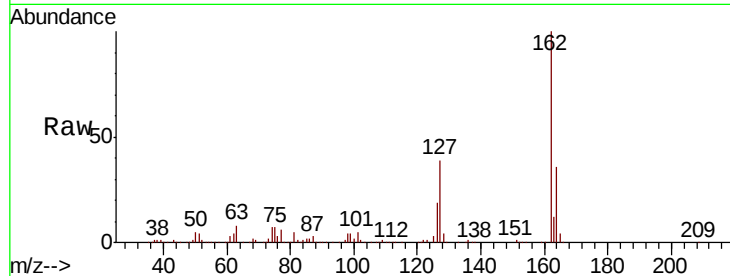




#47
 2-Chloronaphthalene
 Concen: 39.201 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

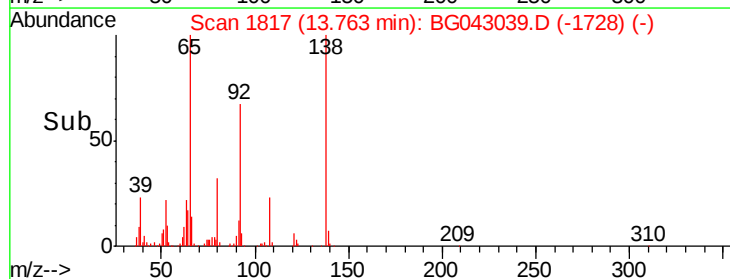
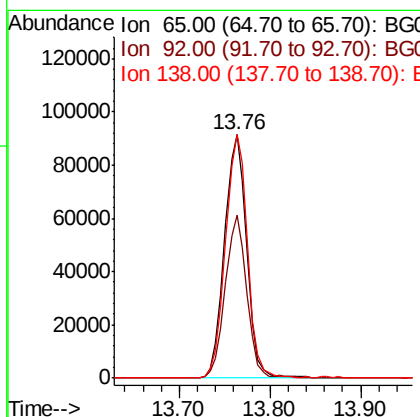
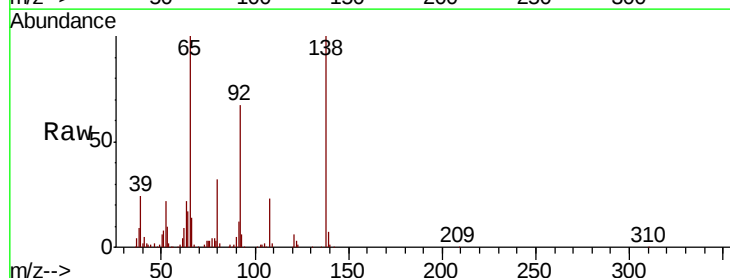
Instrument :
 BNA_G
 ClientSampleId :

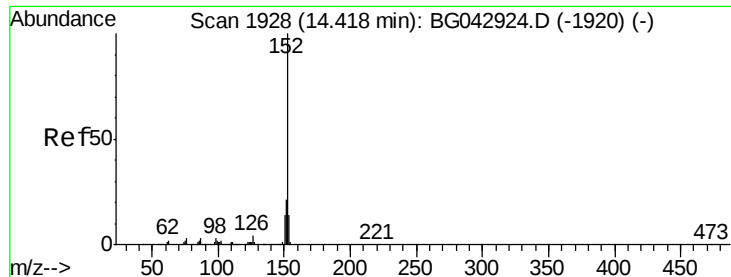
Tot Ion:162 Resp: 449678
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.0 46.6
 164 35.6 26.2 39.2



#48
 2-Nitroaniline
 Concen: 40.708 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion: 65 Resp: 155288
 Ion Ratio Lower Upper
 65 100
 92 67.0 52.0 78.0
 138 100.0 70.4 105.6





#49

Acenaphthylene

Concen: 41.402 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

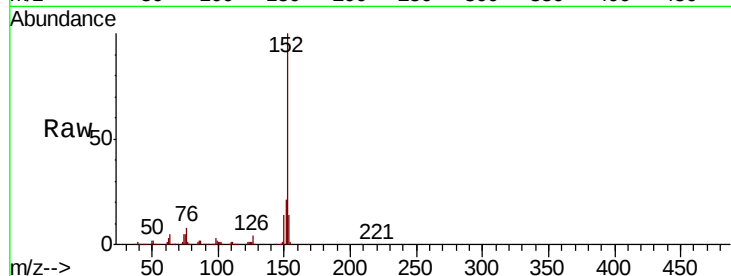
Tot Ion:152 Resp: 726722

Ion Ratio Lower Upper

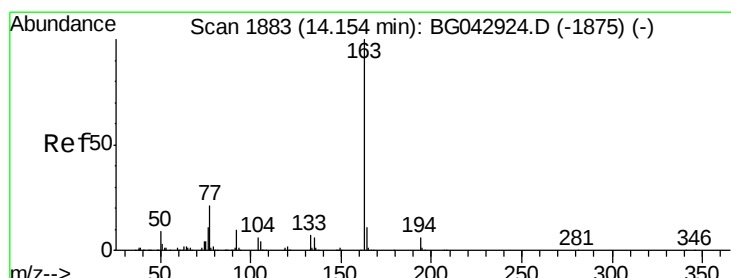
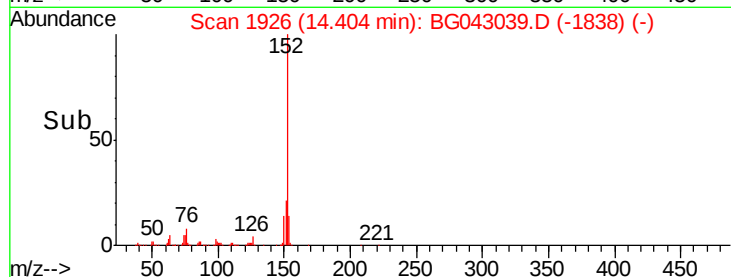
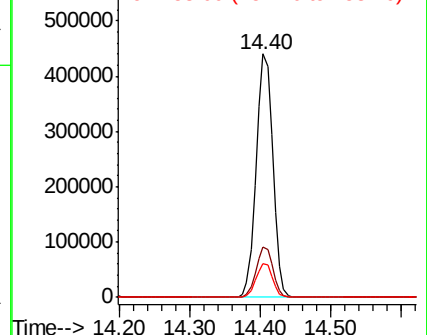
152 100

151 20.6 16.8 25.2

153 14.1 11.3 16.9



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: 52.118 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

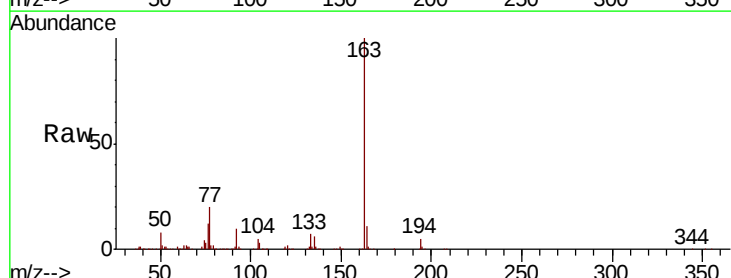
Tgt Ion:163 Resp: 787867

Ion Ratio Lower Upper

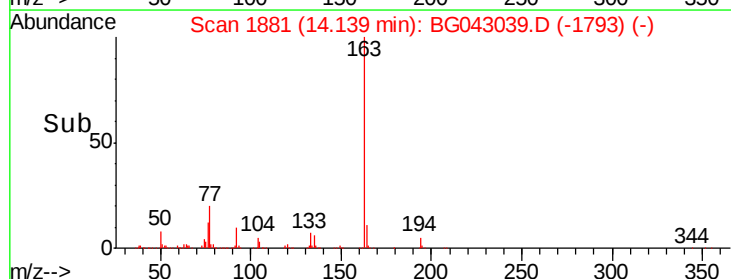
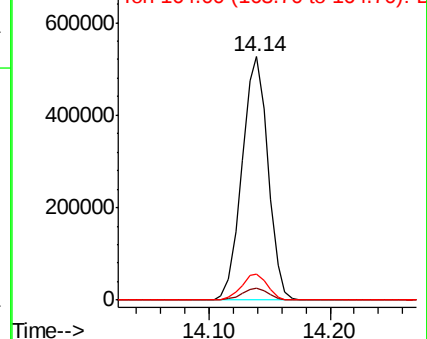
163 100

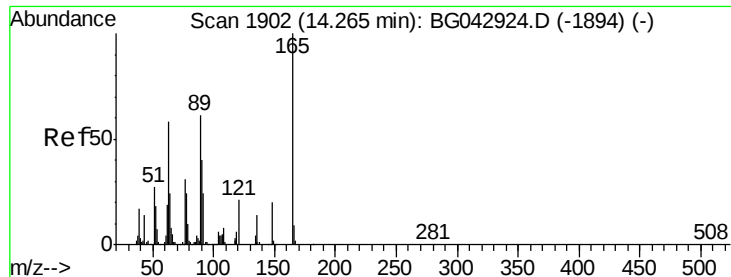
194 5.0 4.4 6.6

164 10.5 8.6 12.8



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: 44.234 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

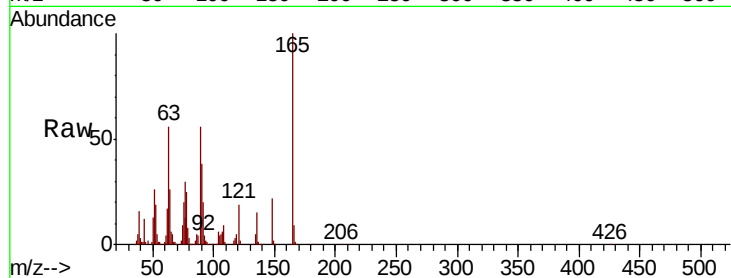
Tot Ion:165 Resp: 142400

Ion Ratio Lower Upper

165 100

63 55.8 50.3 75.5

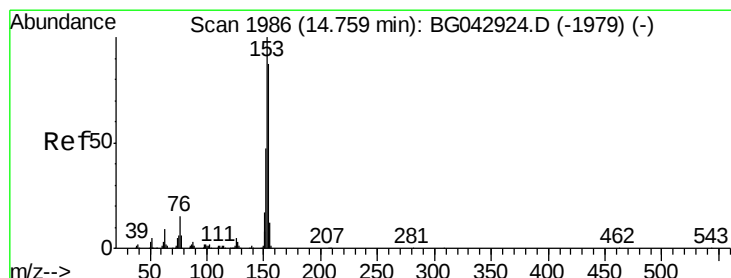
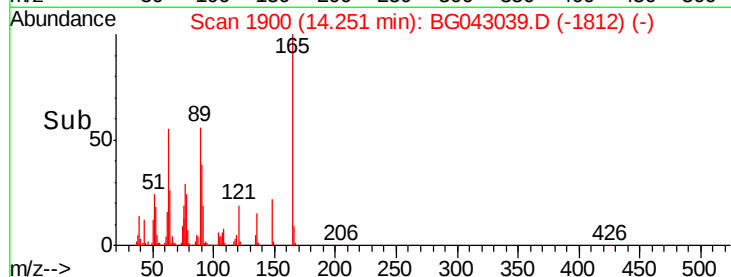
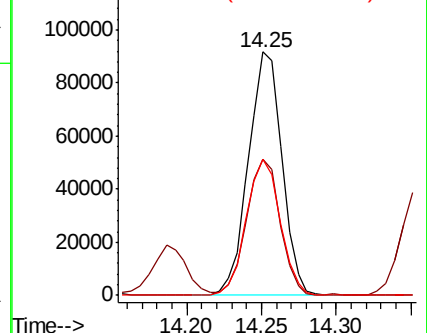
89 56.0 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.042 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

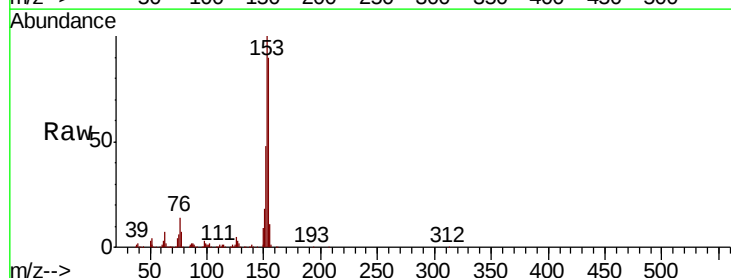
Tgt Ion:154 Resp: 458701

Ion Ratio Lower Upper

154 100

153 111.5 91.4 137.0

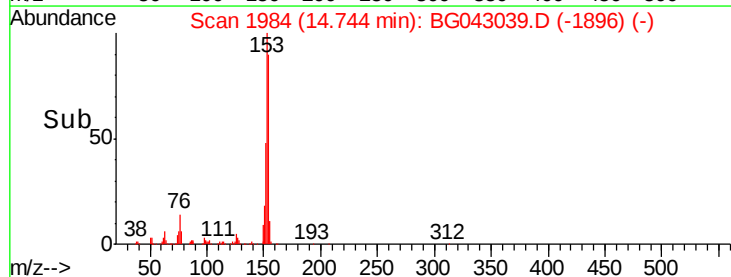
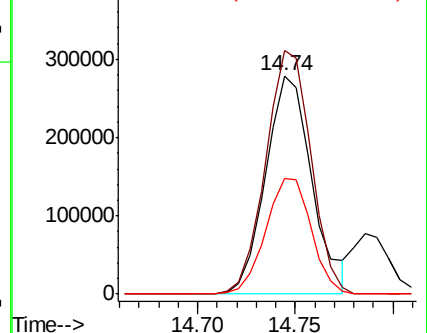
152 53.2 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.591 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

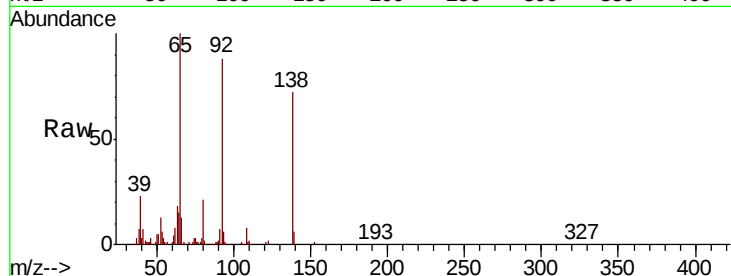
Tot Ion:138 Resp: 71833

Ion Ratio Lower Upper

138 100

108 10.9 7.9 11.9

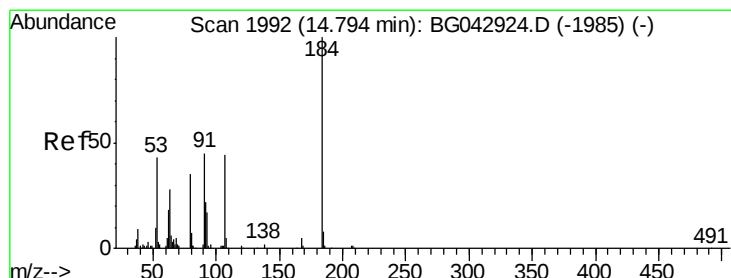
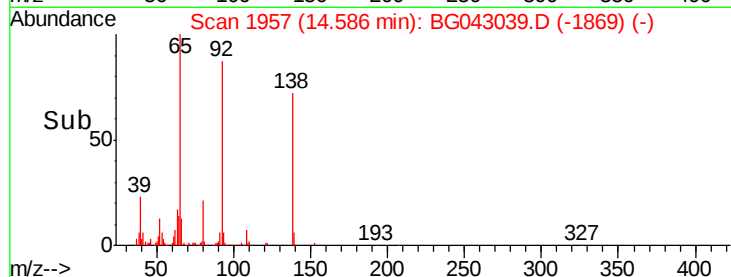
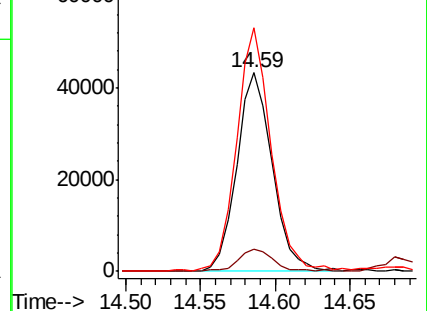
92 122.7 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.691 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

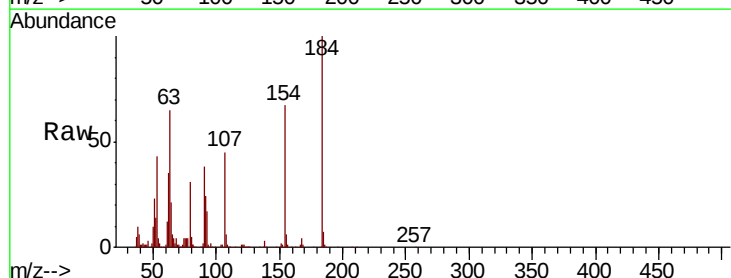
Tgt Ion:184 Resp: 187478

Ion Ratio Lower Upper

184 100

63 65.5 55.0 82.6

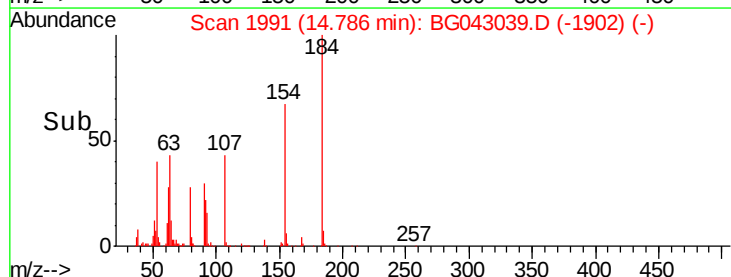
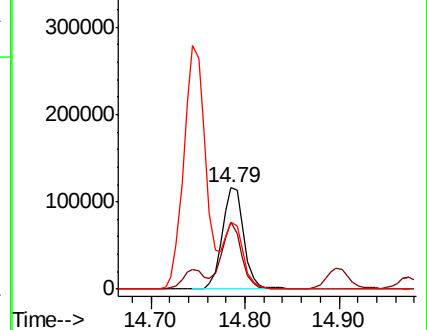
154 66.6 56.5 84.7

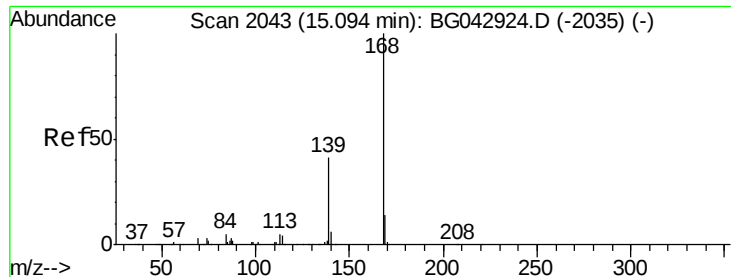


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

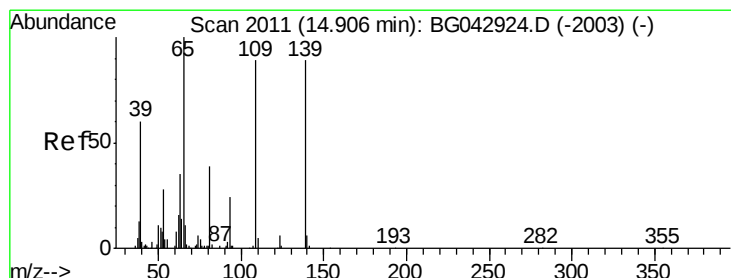
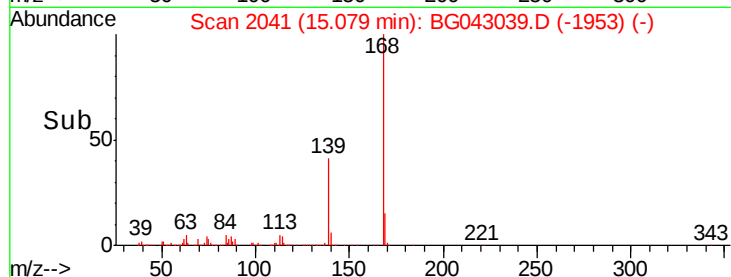
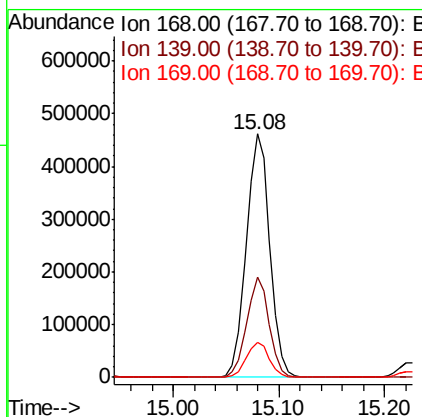
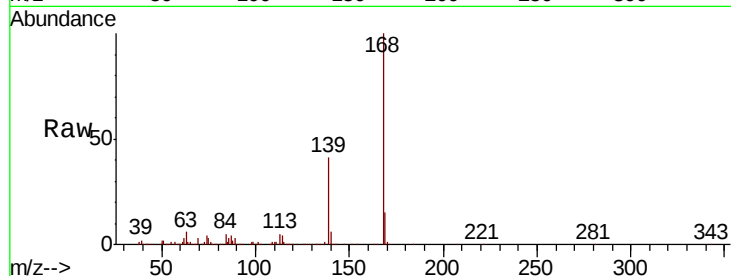




#55
Dibenzenofuran
Concen: 40.976 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

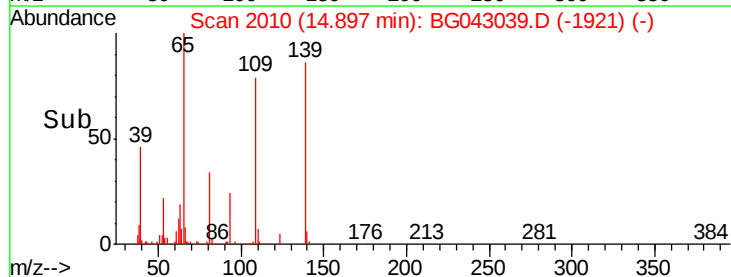
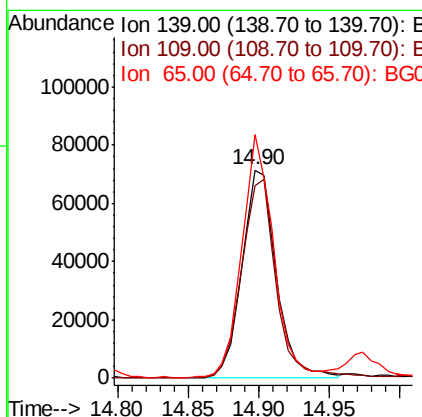
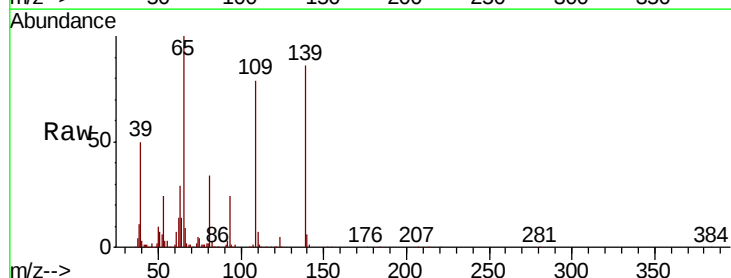
Instrument :
BNA_G
ClientSampleId :

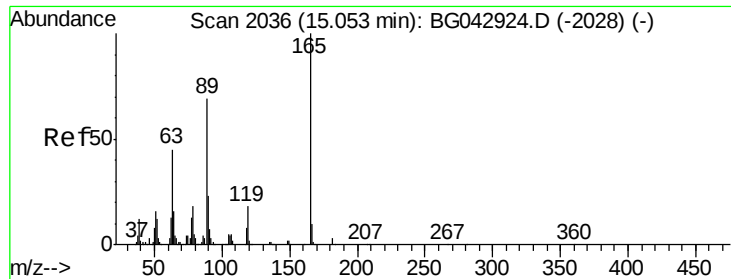
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.6	48.8
169	14.5	11.2	16.8



#56
4-Nitrophenol
Concen: 47.987 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.3	79.4	119.4
65	116.9	92.5	132.5

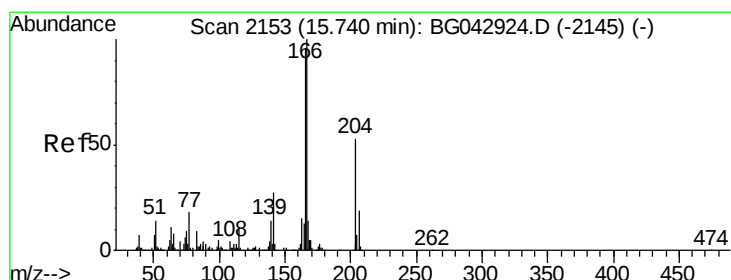
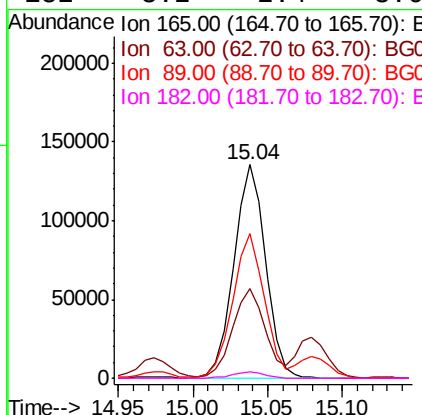
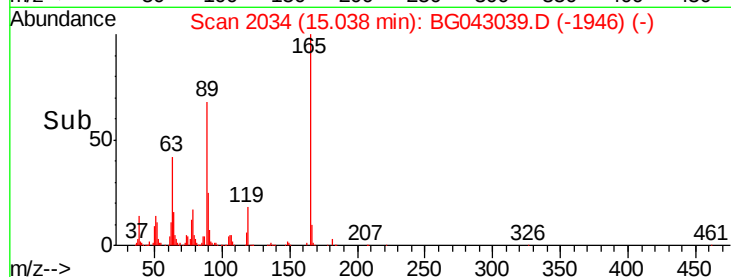
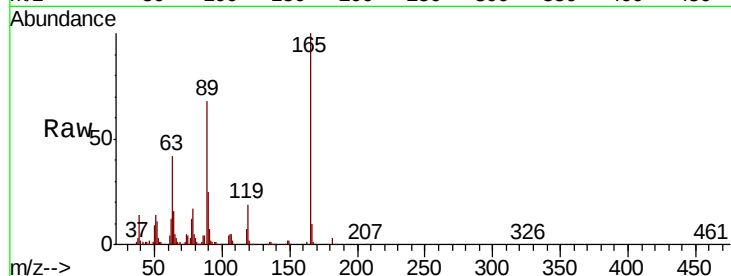




#57
2,4-Dinitrotoluene
Concen: 42.449 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

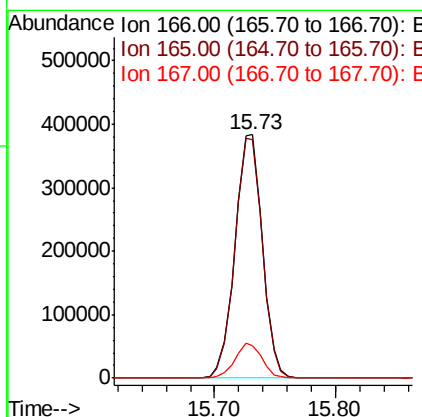
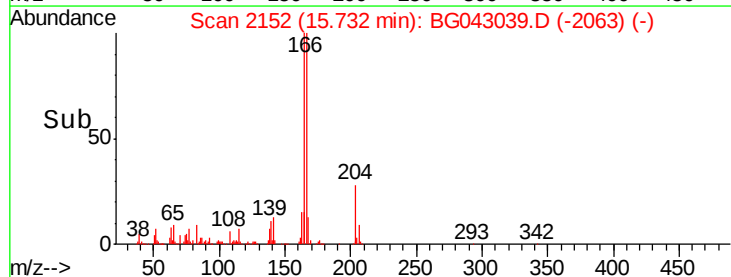
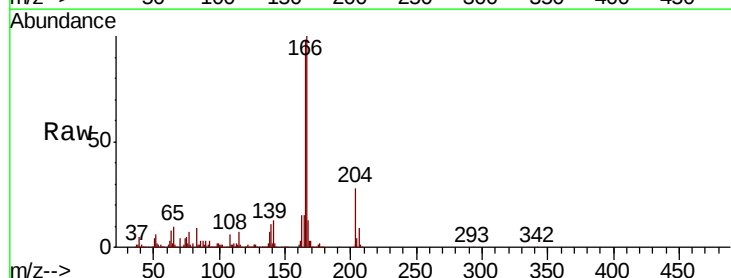
Instrument :
BNA_G
ClientSampleId :

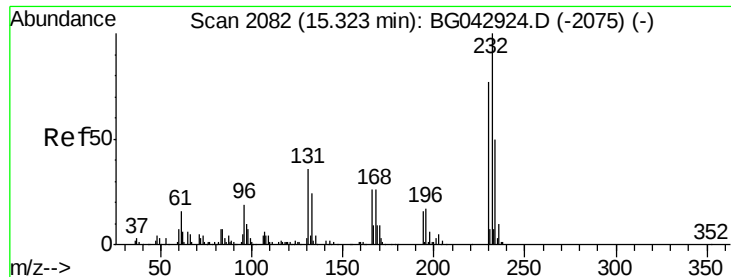
Tot Ion:	165	Resp:	200117
Ion	Ratio	Lower	Upper
165	100		
63	41.9	36.5	54.7
89	68.0	55.5	83.3
182	3.2	2.4	3.6



#58
Fluorene
Concen: 41.008 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:	166	Resp:	608479
Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.1	115.7
167	13.3	11.0	16.6

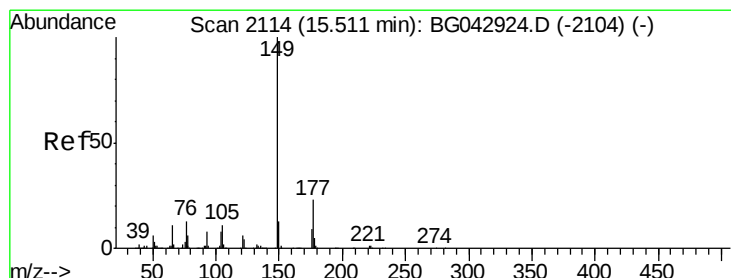
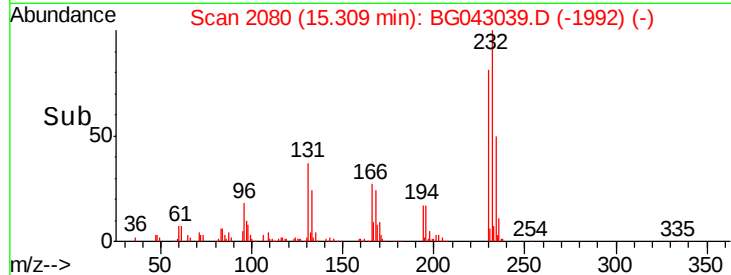
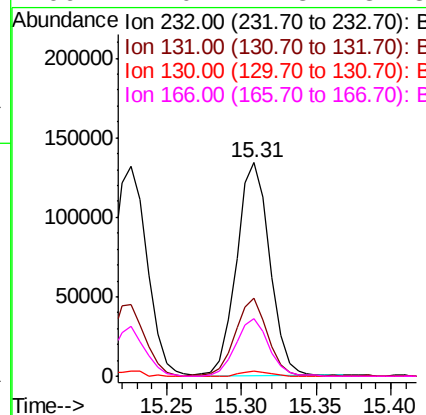
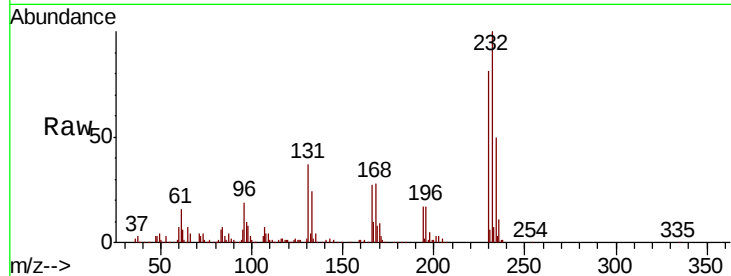




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.638 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

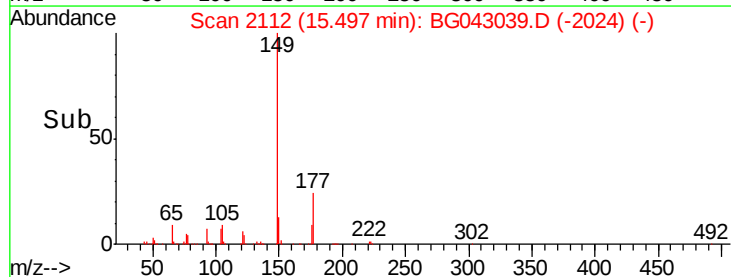
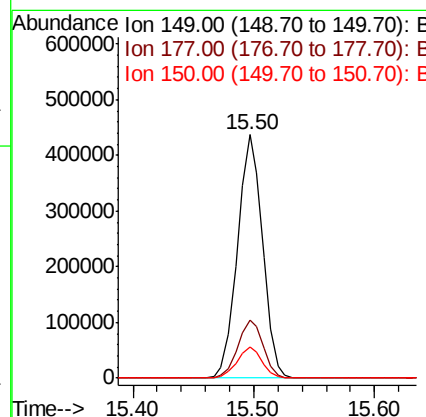
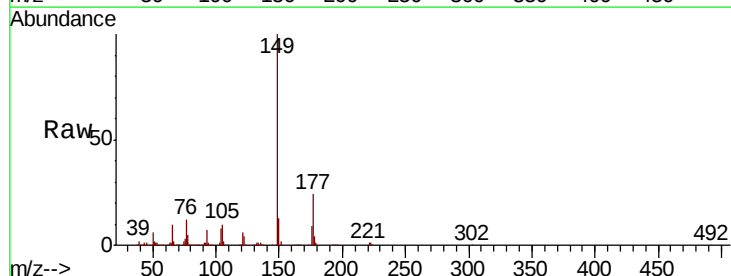
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	207650
Ion	Ratio	Lower	Upper
232	100		
131	36.2	29.6	44.4
130	2.3	1.9	2.9
166	27.0	21.8	32.8



#60
 Diethylphthalate
 Concen: 40.963 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion:	149	Resp:	630199
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.8	28.2
150	12.9	10.6	15.8

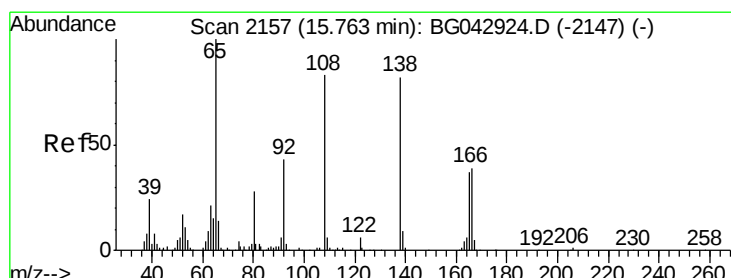
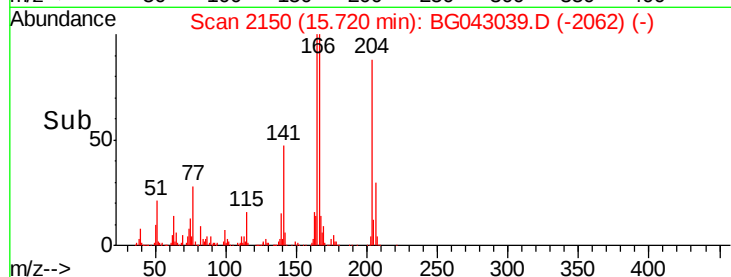
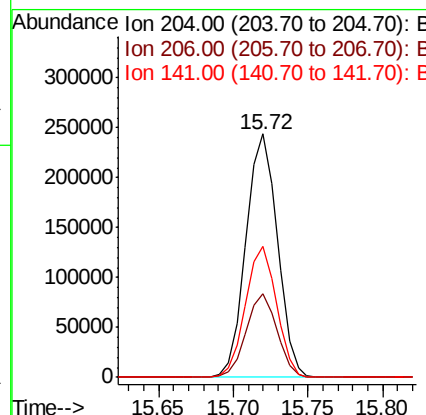
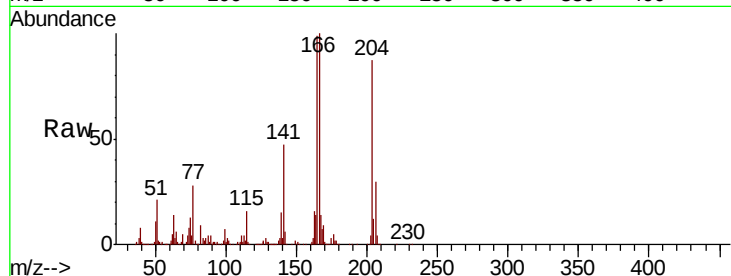




#61
4-Chlorophenyl-phenylether
Concen: 39.999 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

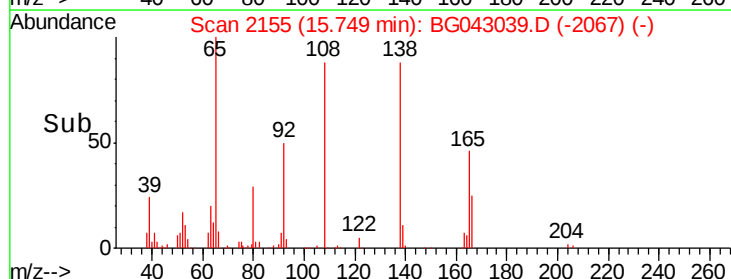
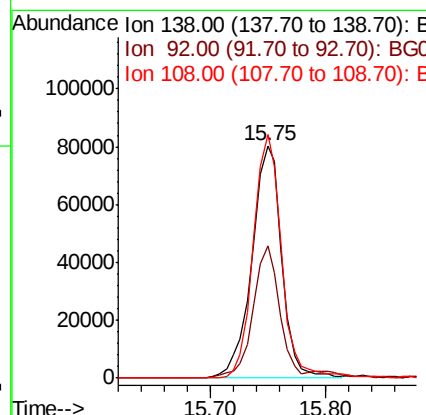
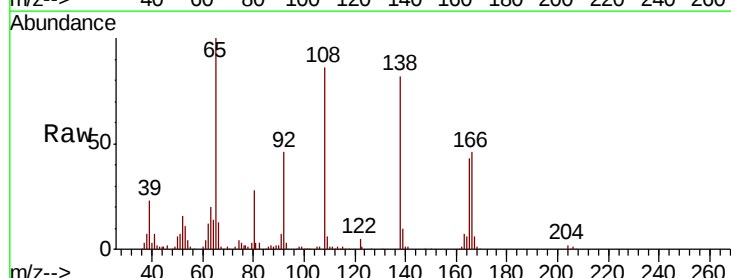
Instrument :
BNA_G
ClientSampleId :

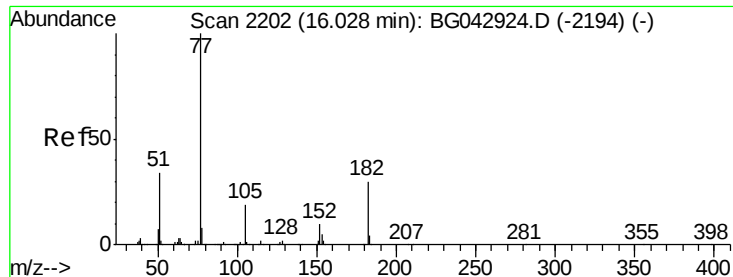
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.5	42.7
141	54.0	42.4	63.6



#62
4-Nitroaniline
Concen: 39.923 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	32.9	72.9
108	104.7	81.3	121.3

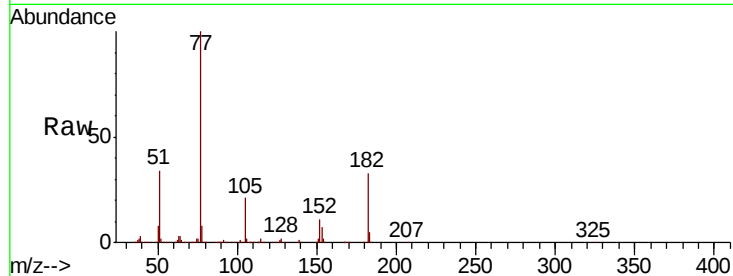




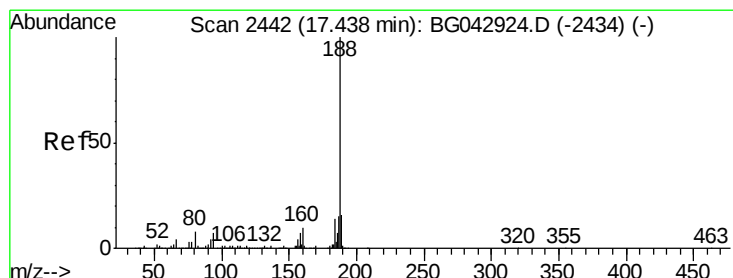
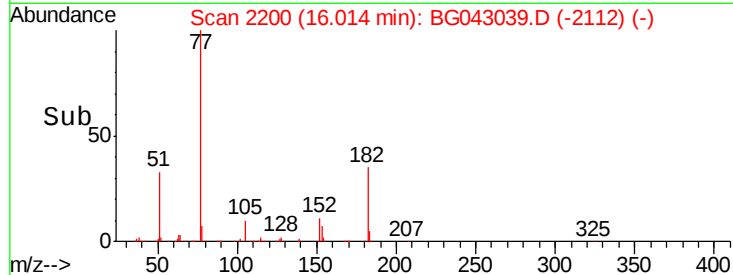
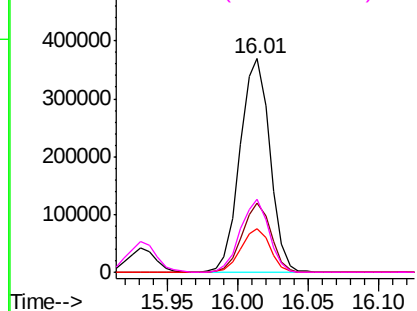
#63
Azobenzene
Concen: 38.988 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	546080
Ion	Ratio	Lower	Upper
77	100		
182	32.6	10.2	50.2
105	20.6	0.0	39.1
51	34.2	13.9	53.9

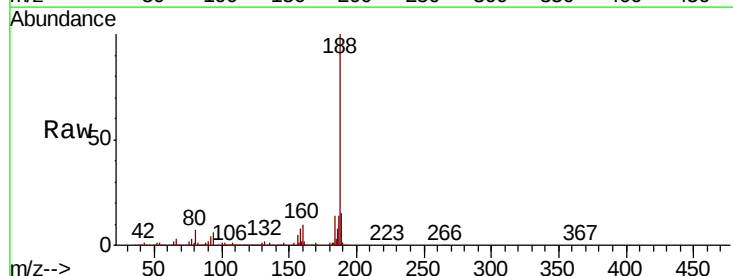


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

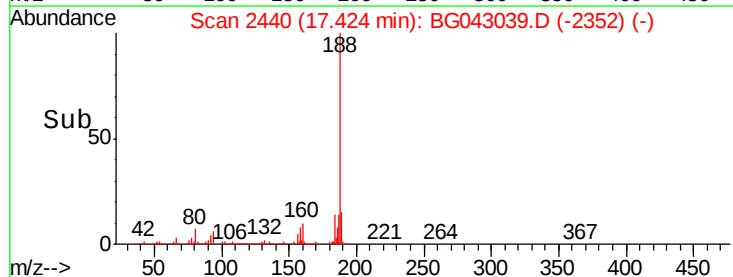
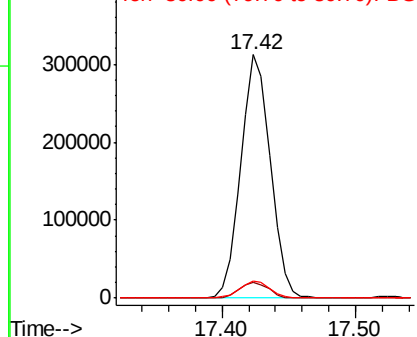


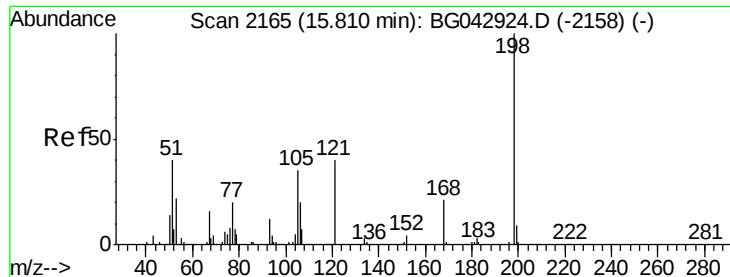
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:	188	Resp:	477127
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	7.2	6.5	9.7



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: 48.970 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

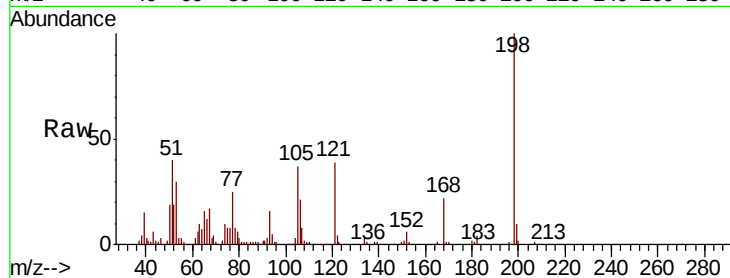
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 132213

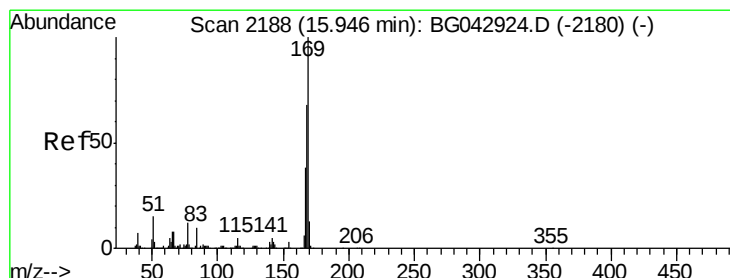
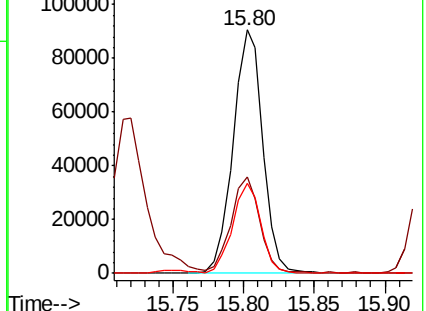
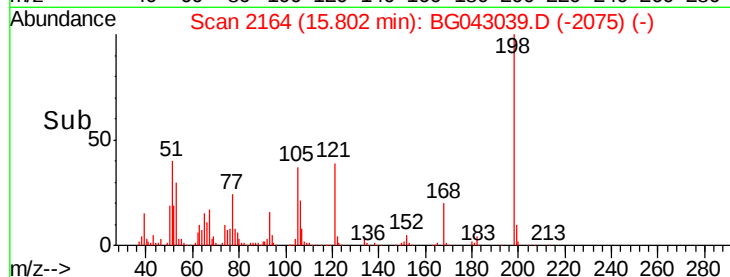
Ion	Ratio	Lower	Upper
198	100		
51	39.7	25.3	65.3
105	37.1	16.6	56.6



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: 43.741 ng

RT: 15.93 min Scan# 2186

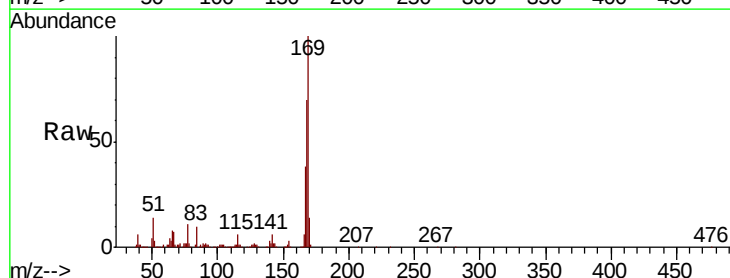
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:169 Resp: 550936

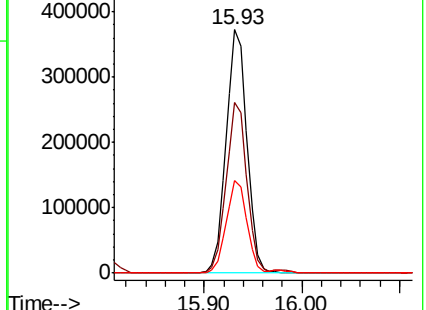
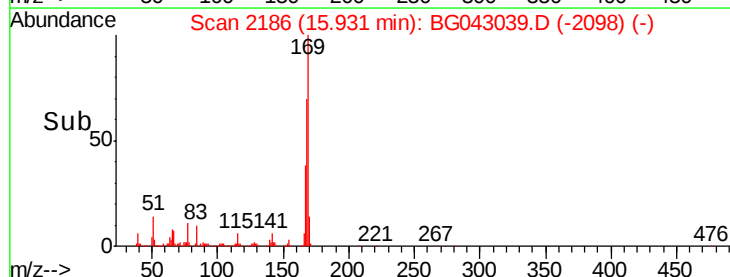
Ion	Ratio	Lower	Upper
169	100		
168	70.2	54.8	82.2
167	38.0	30.6	46.0

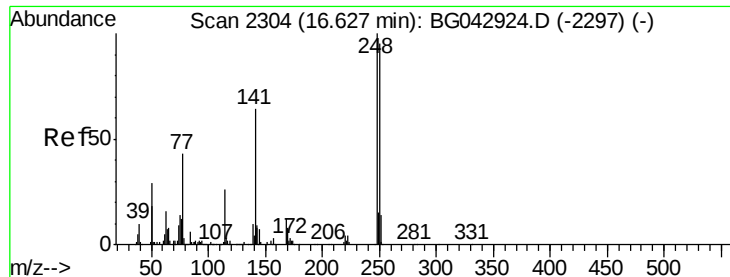


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

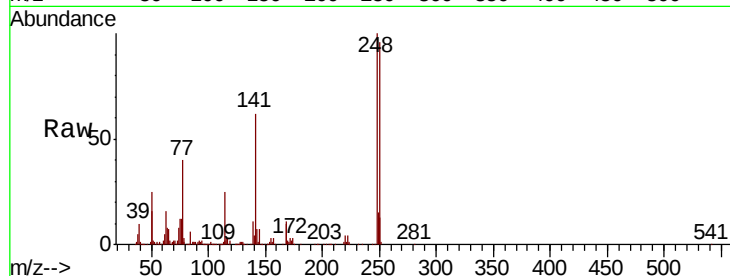




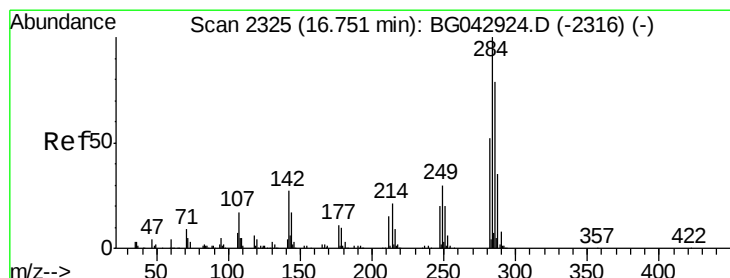
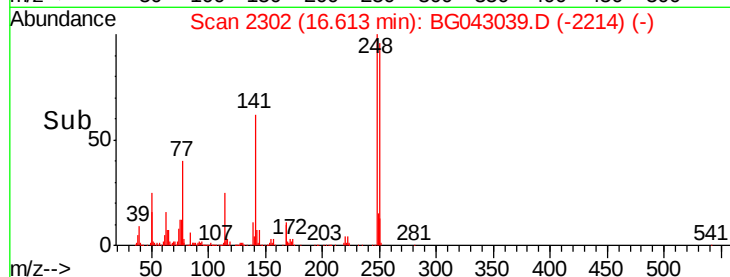
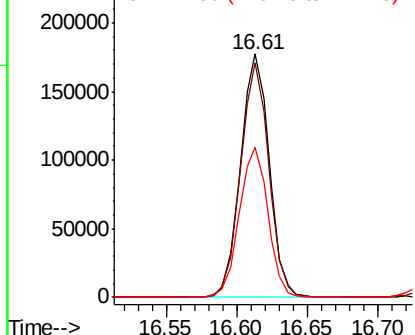
#67
4-Bromophenyl-phenylether
Concen: 41.994 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 251479
Ion Ratio Lower Upper
248 100
250 96.4 75.8 113.8
141 61.6 51.1 76.7

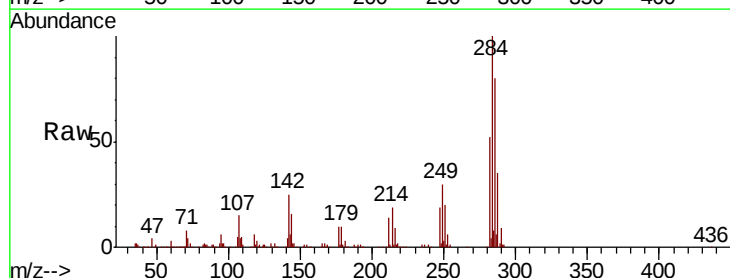


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

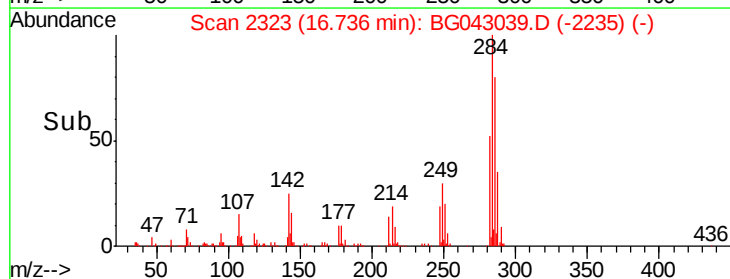
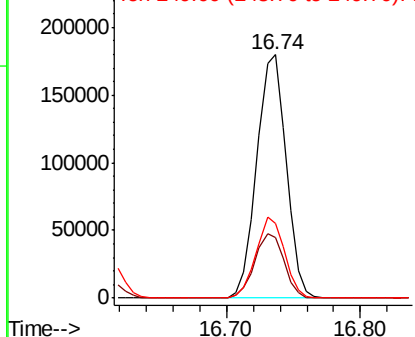


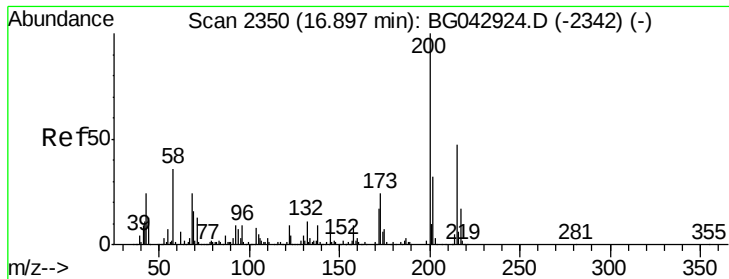
#68
Hexachlorobenzene
Concen: 40.970 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:284 Resp: 273175
Ion Ratio Lower Upper
284 100
142 24.7 21.6 32.4
249 30.5 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

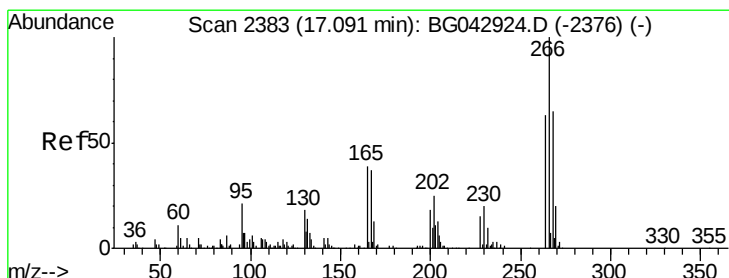
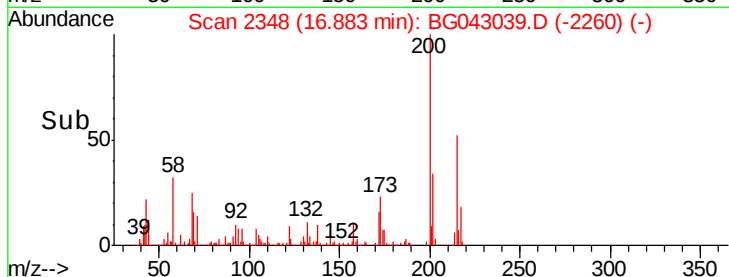
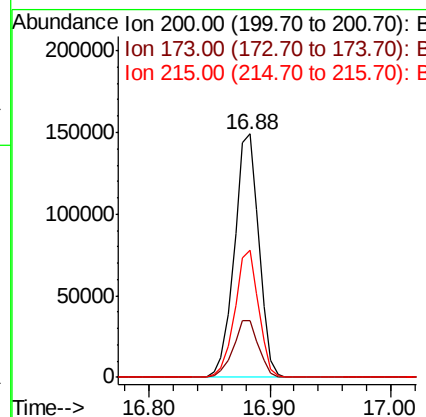
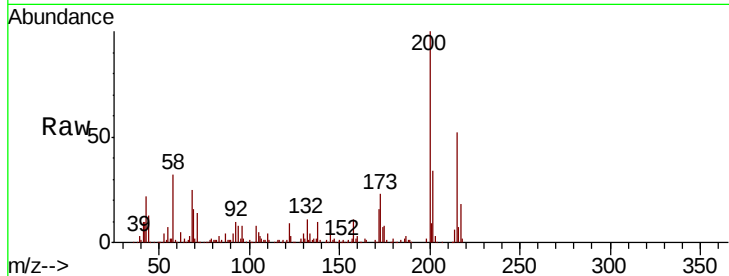




#69
Atrazine
Concen: 39.629 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

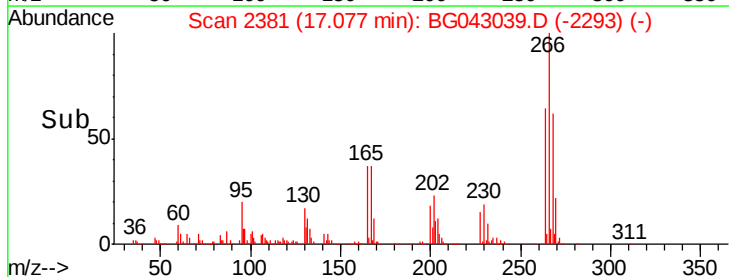
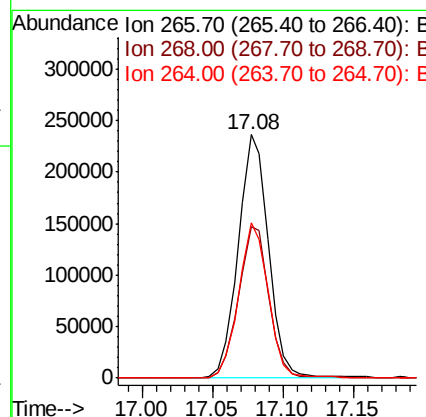
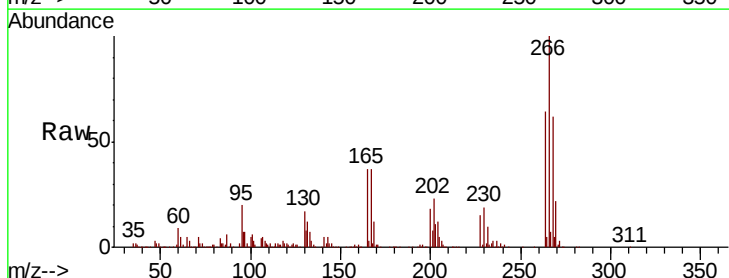
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.0	44.0
215	52.1	27.4	67.4



#70
Pentachlorophenol
Concen: 91.836 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.2	78.2
264	63.9	50.7	76.1

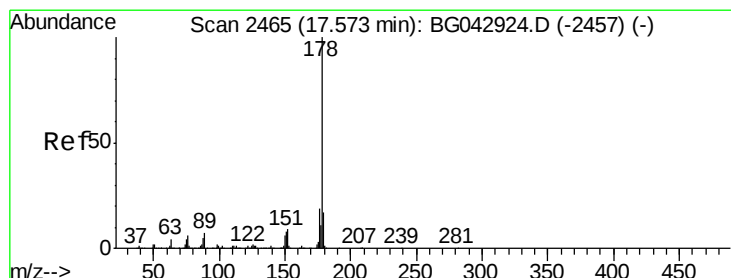
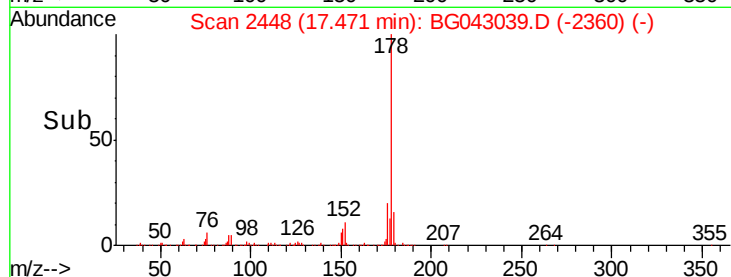
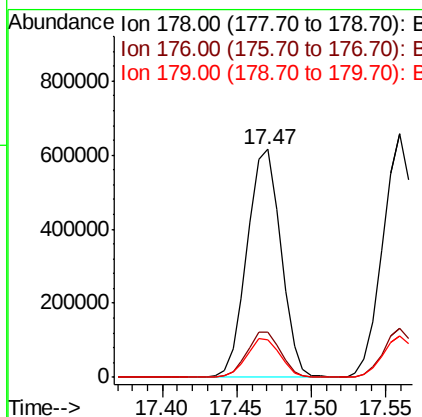
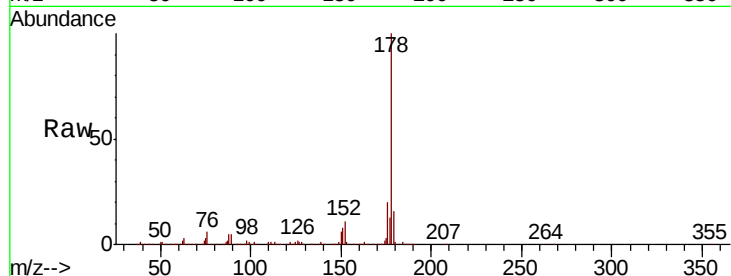




#71
Phenanthrene
Concen: 41.567 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

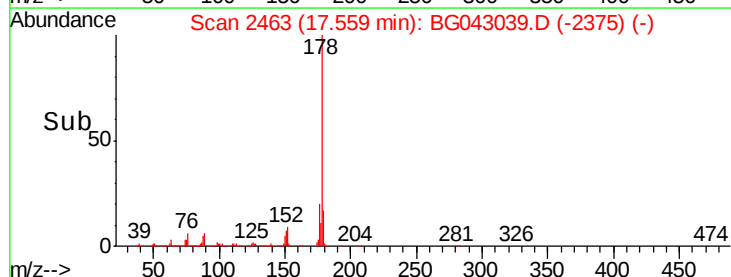
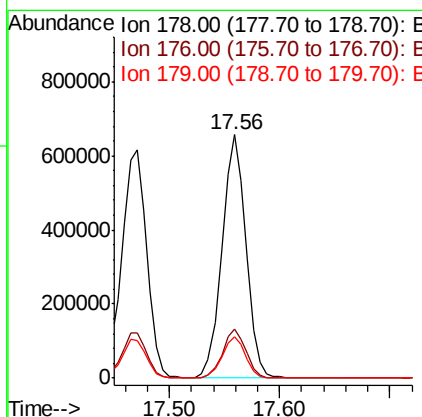
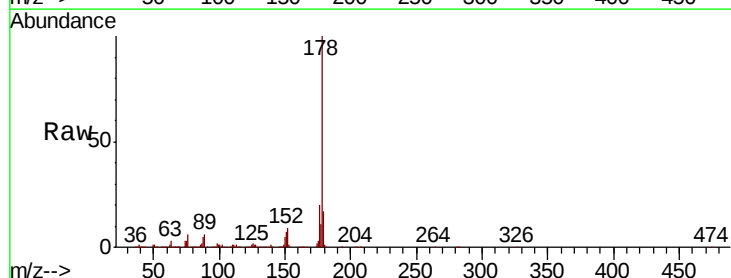
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 968242
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 16.4 14.1 21.1



#72
Anthracene
Concen: 42.544 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:178 Resp: 989329
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 17.1 13.5 20.3

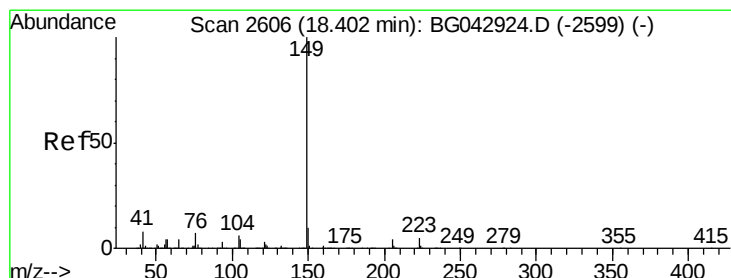
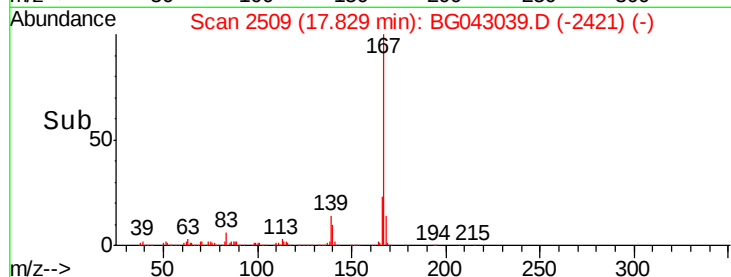
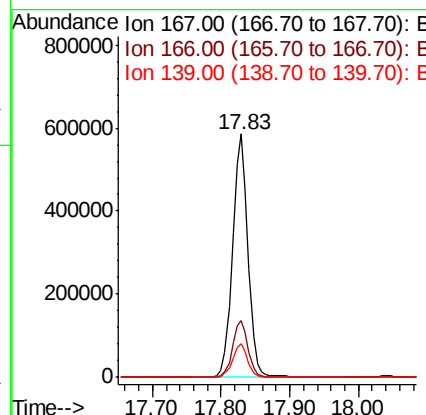
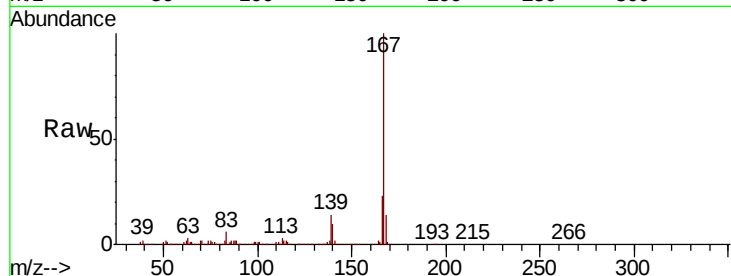




#73
 Carbazole
 Concen: 42.336 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

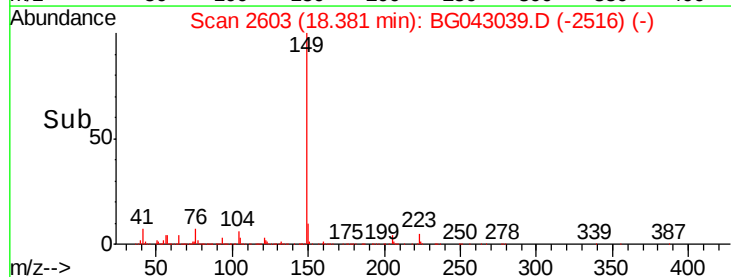
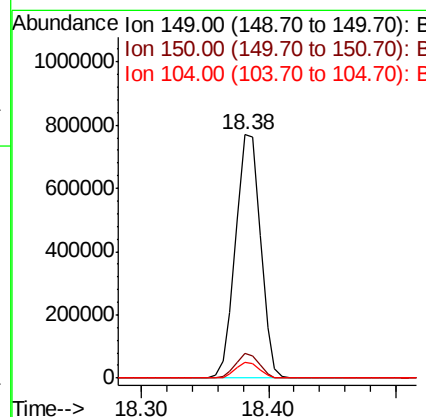
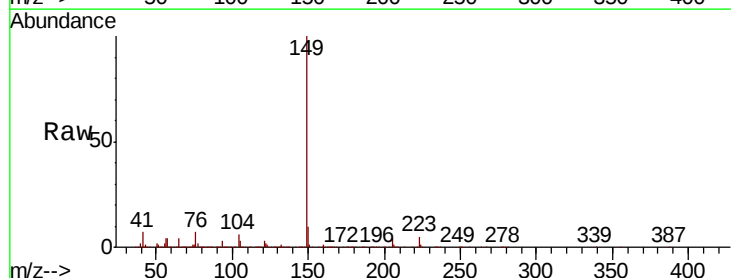
Instrument :
 BNA_G
 ClientSampleId :

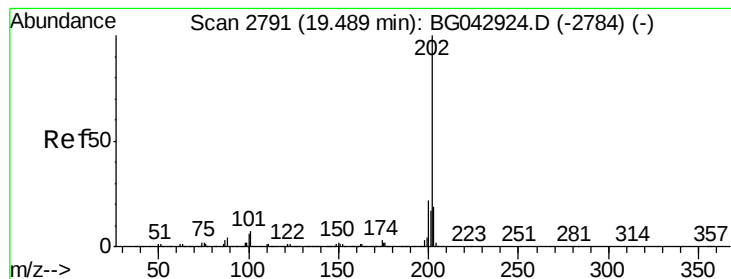
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.6	28.0
139	13.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.504 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	6.4	5.0	7.6





#75

Fluoranthene

Concen: 40.547 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

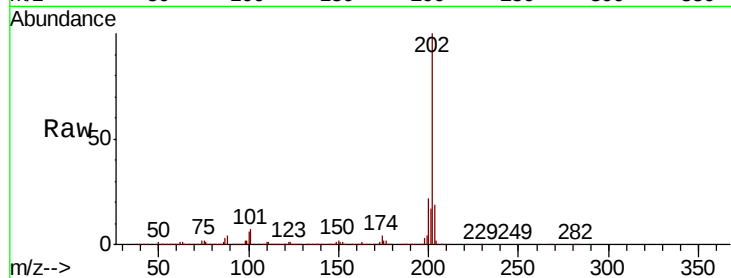
Tot Ion:202 Resp: 1249236

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.3

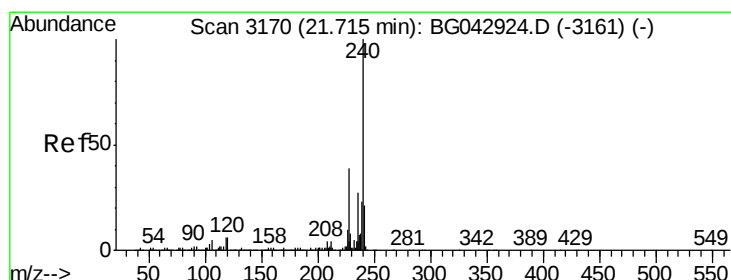
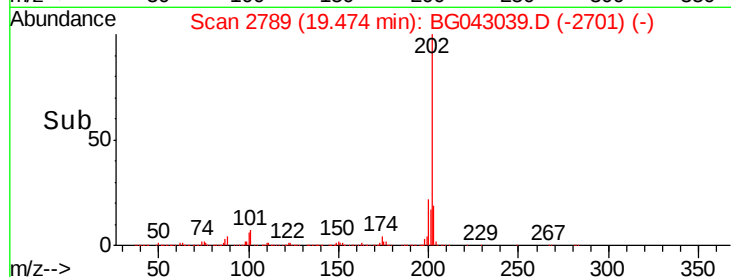
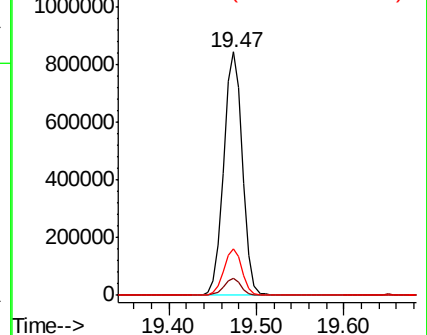
203 19.0 0.0 39.5



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

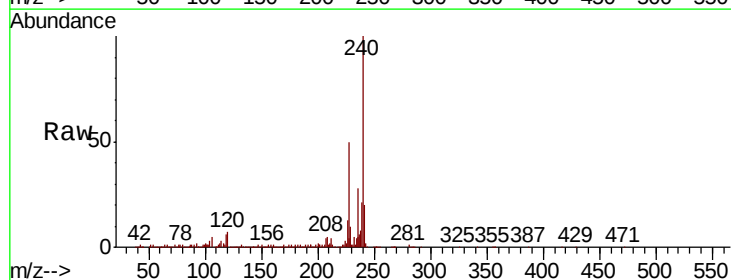
Tgt Ion:240 Resp: 519647

Ion Ratio Lower Upper

240 100

120 6.6 4.8 7.2

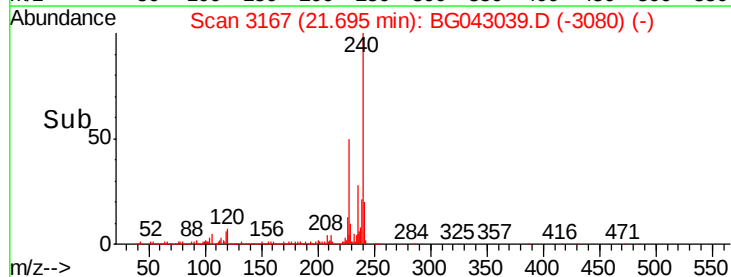
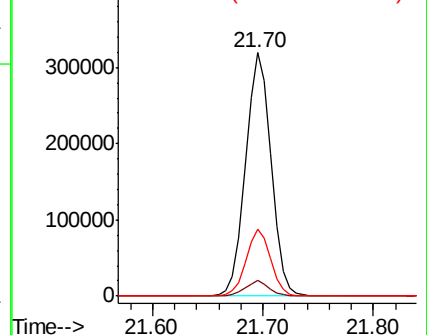
236 27.7 21.4 32.0



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: 56.207 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

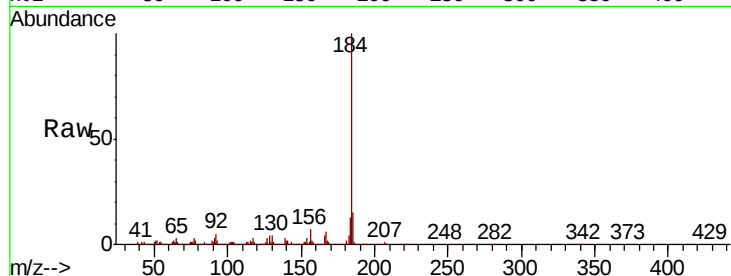
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 731329

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	13.1	10.1	15.1

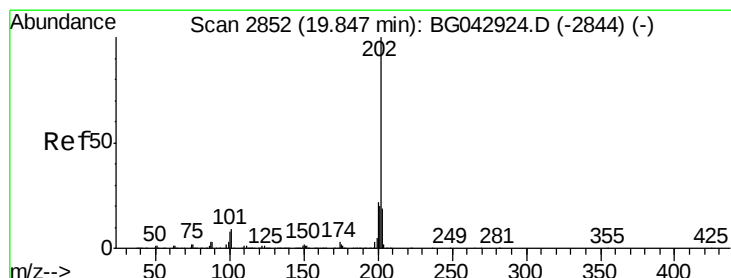
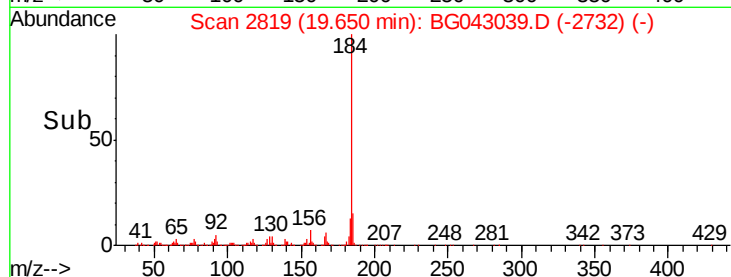
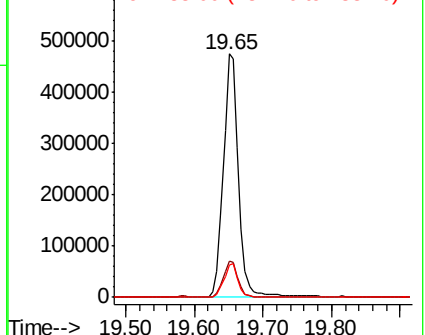


Abundance

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: 40.784 ng

RT: 19.84 min Scan# 2851

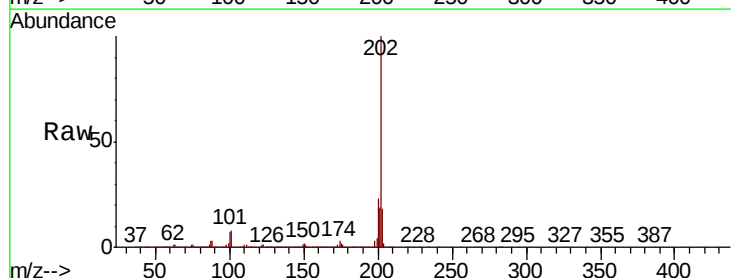
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:202 Resp: 1264932

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	18.4	15.2	22.8

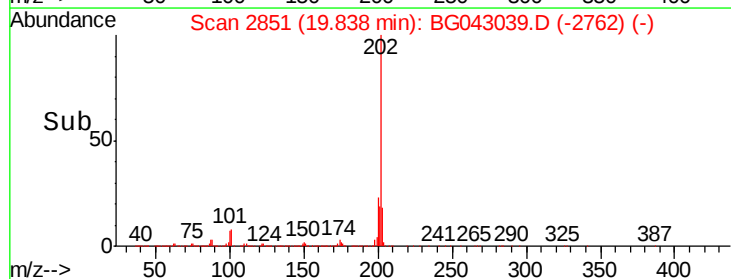
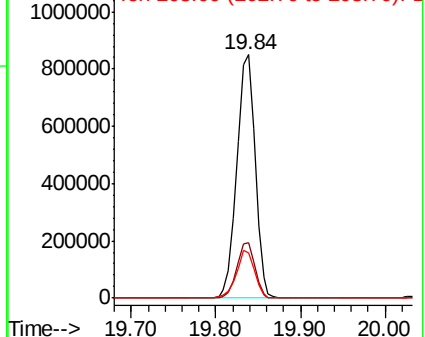


Abundance

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: 81.723 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

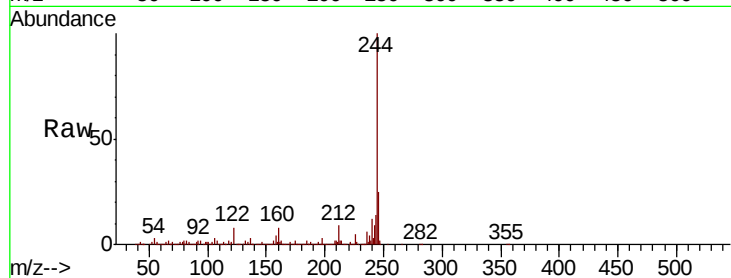
Tot Ion:244 Resp: 1992939

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

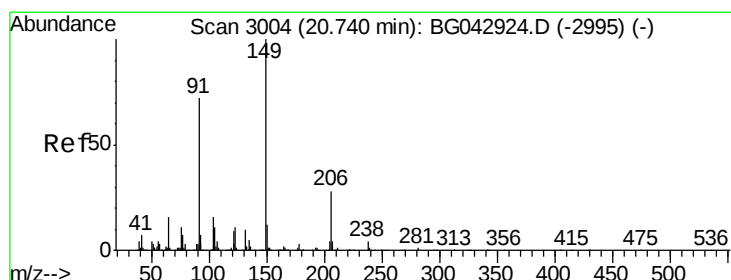
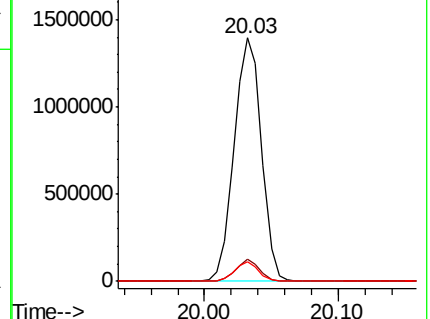
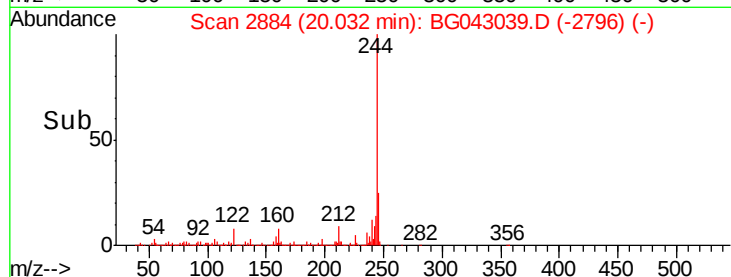
122 8.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.782 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

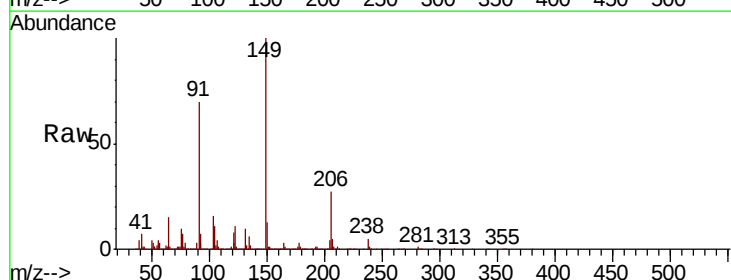
Tgt Ion:149 Resp: 491892

Ion Ratio Lower Upper

149 100

91 69.7 57.7 86.5

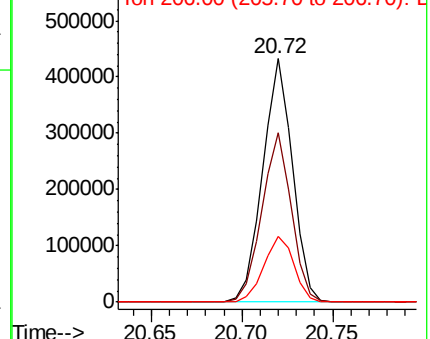
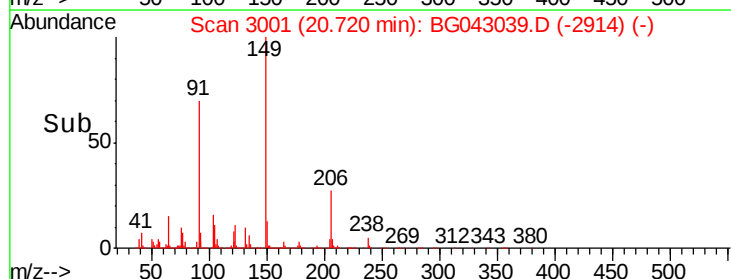
206 27.1 22.6 33.8

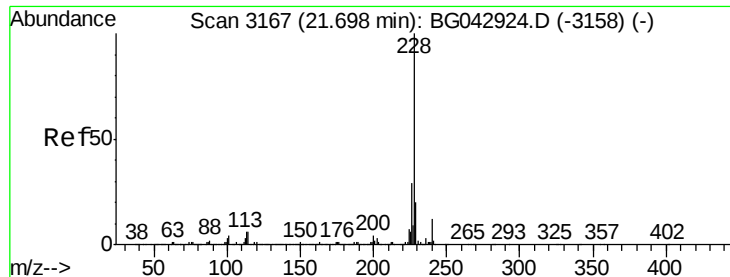


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

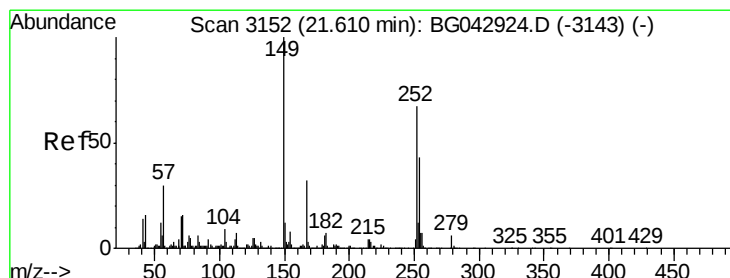
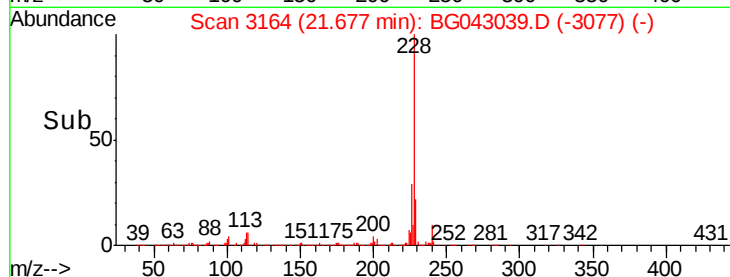
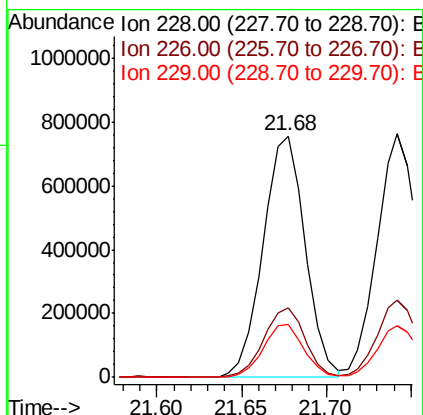
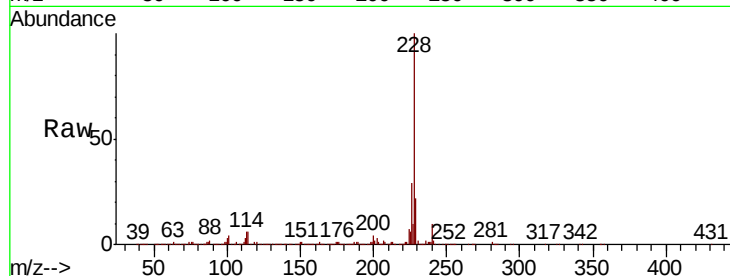




#81
Benzo(a)anthracene
Concen: 40.375 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

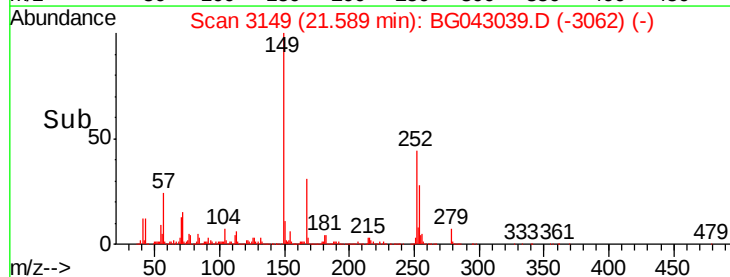
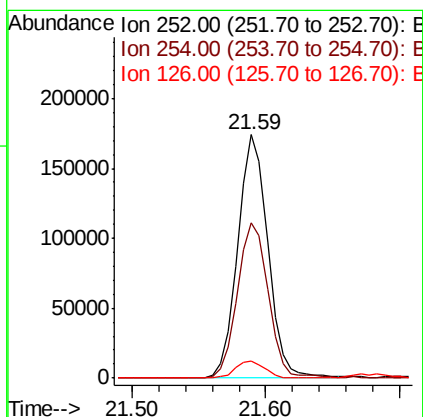
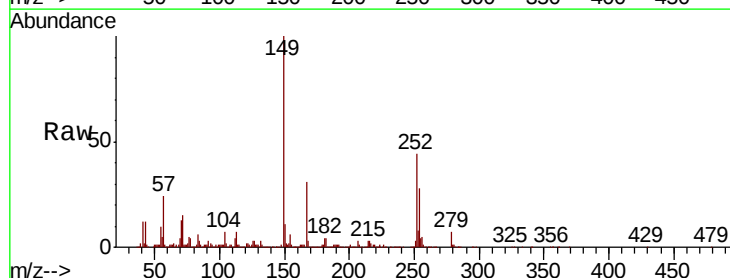
Instrument :
BNA_G
ClientSampleId :

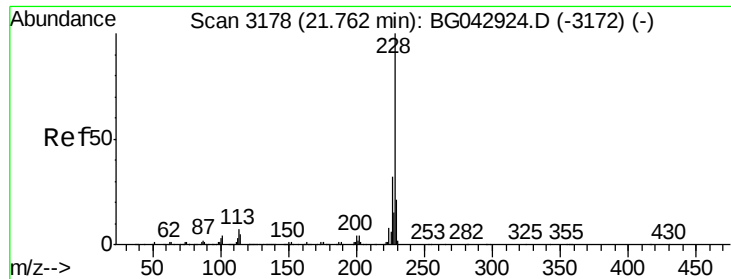
Tot Ion:228 Resp: 1307295
Ion Ratio Lower Upper
228 100
226 29.0 23.0 34.4
229 22.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 21.433 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:252 Resp: 272191
Ion Ratio Lower Upper
252 100
254 63.7 51.9 77.9
126 7.2 6.1 9.1





#83

Chrysene

Concen: 40.760 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

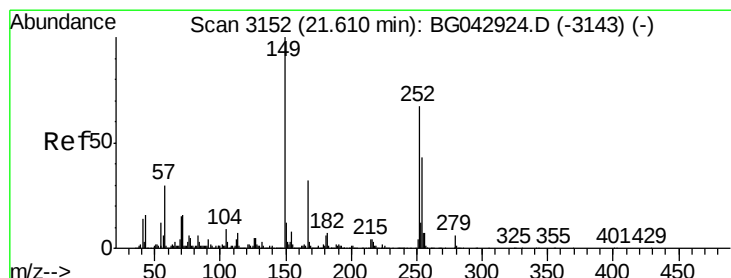
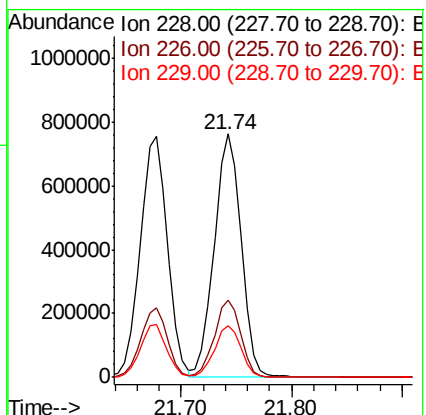
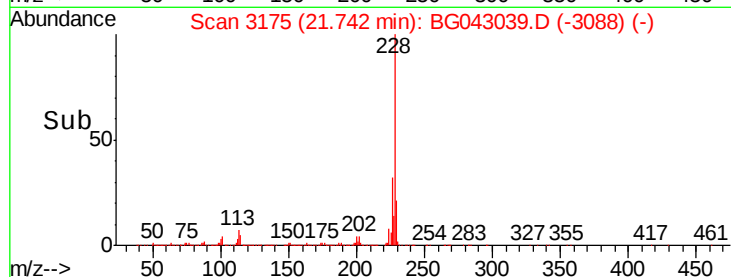
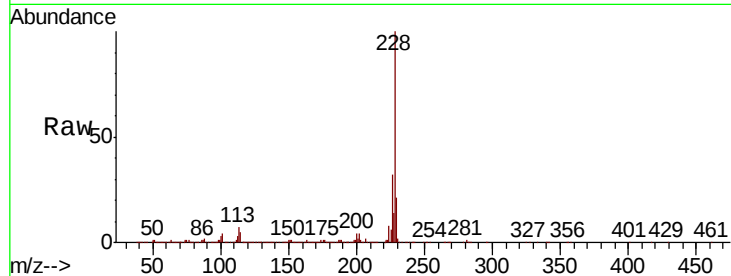
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1280715

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.1	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.063 ng

RT: 21.58 min Scan# 3148

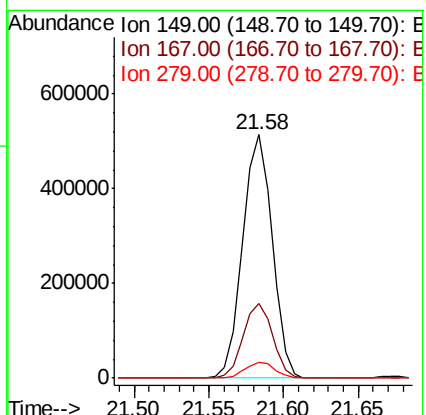
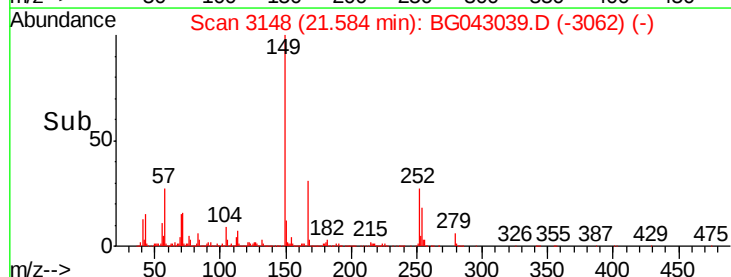
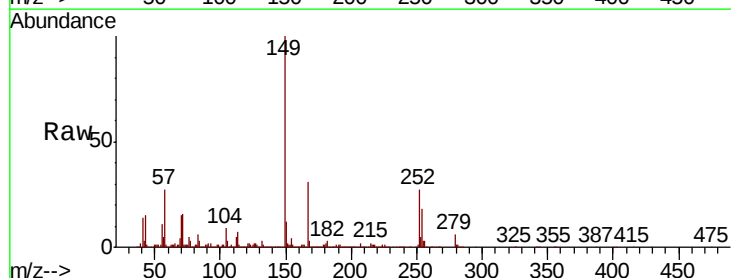
Delta R.T. -0.03 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:149 Resp: 704642

Ion	Ratio	Lower	Upper
149	100		
167	30.9	25.4	38.2
279	6.3	5.1	7.7

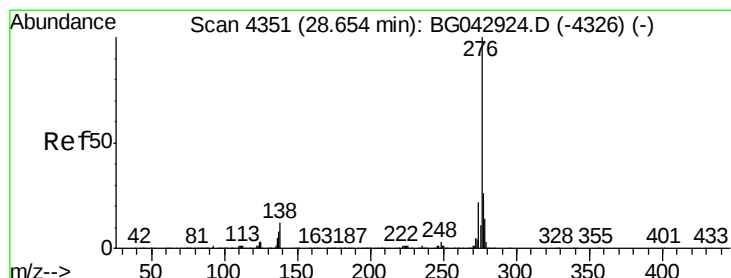
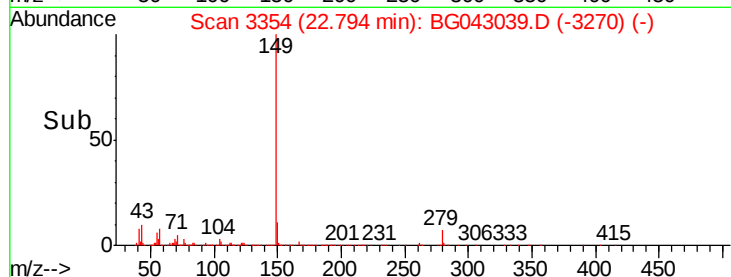
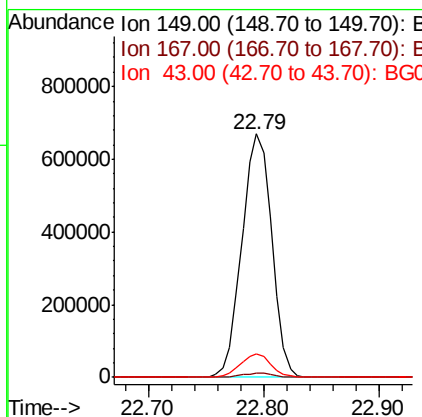
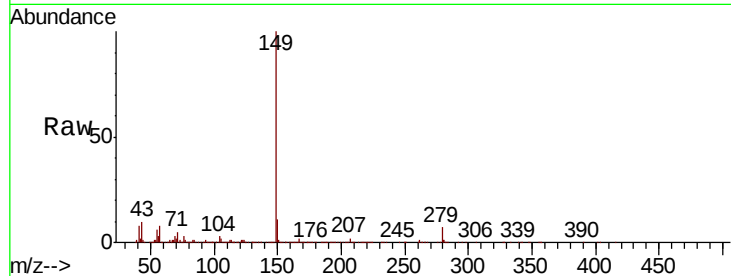




#85
Di-n-octyl phthalate
Concen: 43.883 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

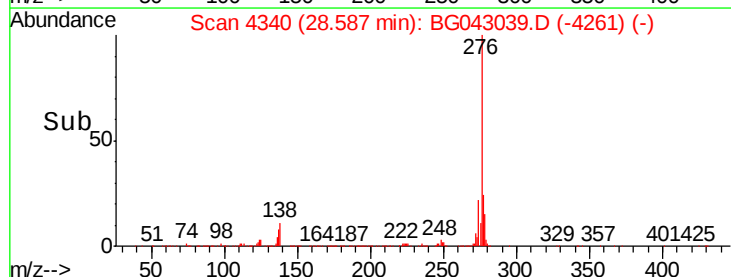
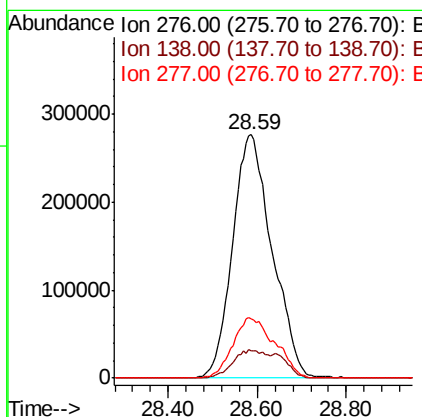
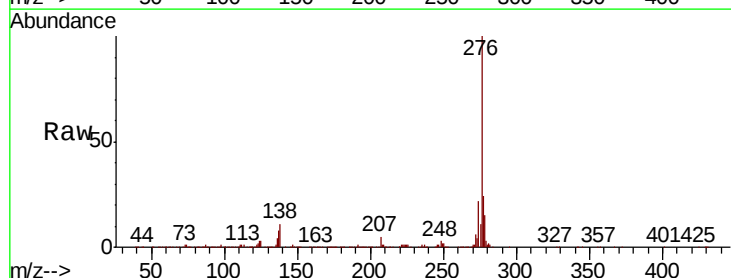
Instrument :
BNA_G
ClientSampleId :

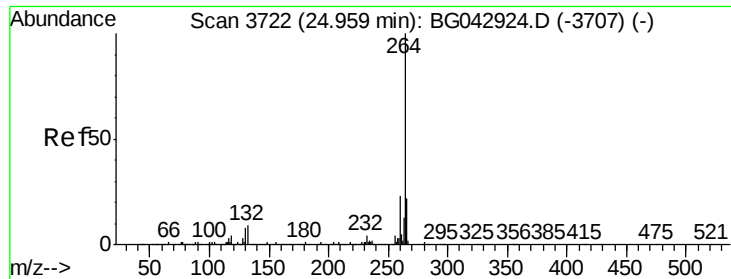
Tot Ion:149 Resp: 1202083
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.550 ng
RT: 28.59 min Scan# 4340
Delta R.T. -0.07 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:276 Resp: 1703538
Ion Ratio Lower Upper
276 100
138 9.9 7.0 10.6
277 26.4 20.9 31.3



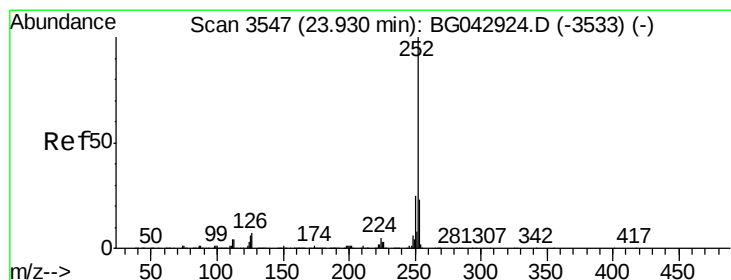
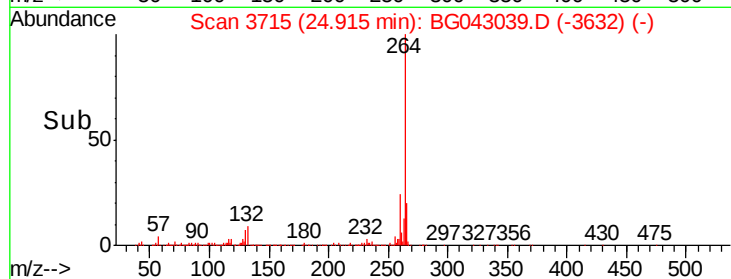
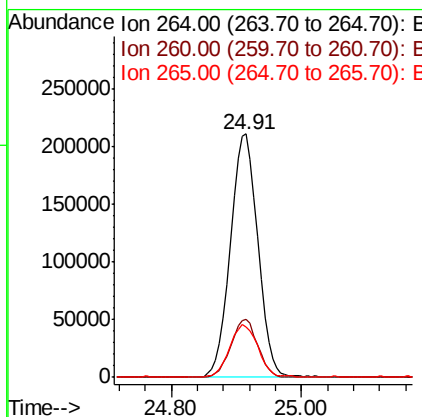
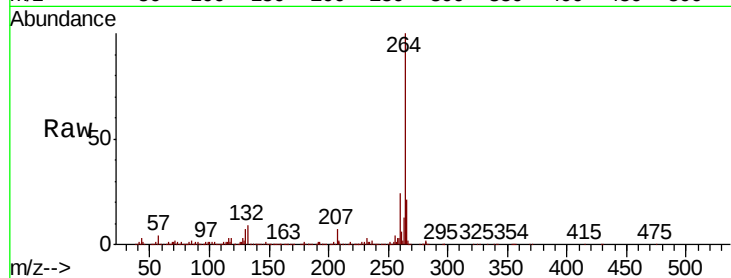


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 616008

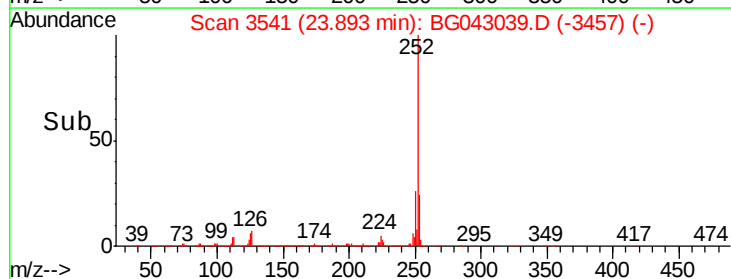
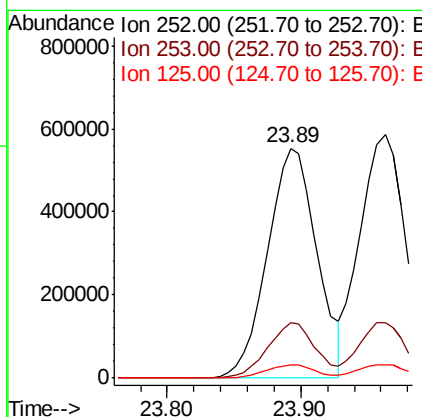
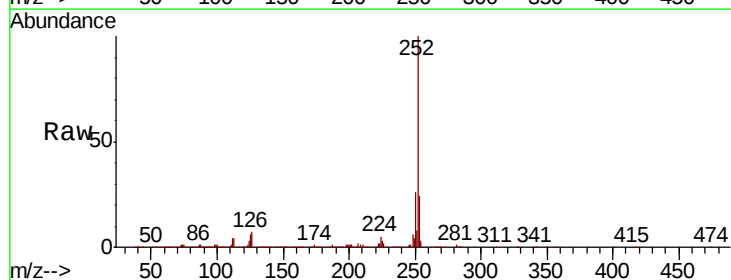
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.5	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 40.851 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:252 Resp: 1423866

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	5.9	4.6	7.0

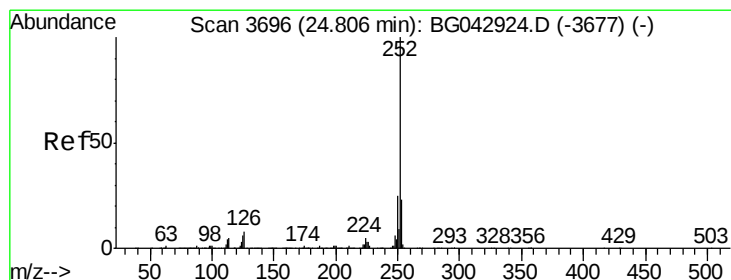
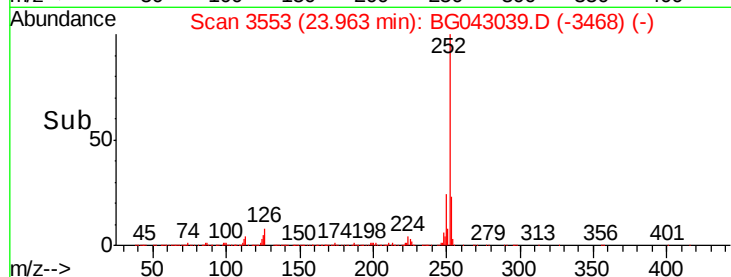
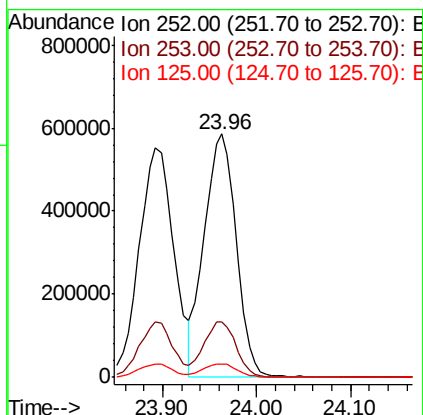
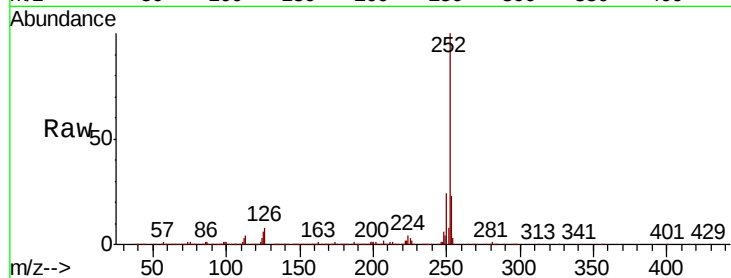




#89
Benzo(k)fluoranthene
Concen: 40.388 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

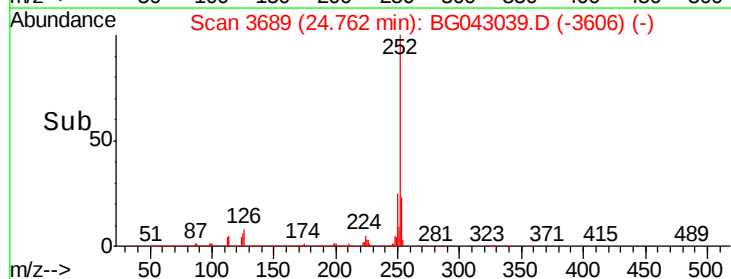
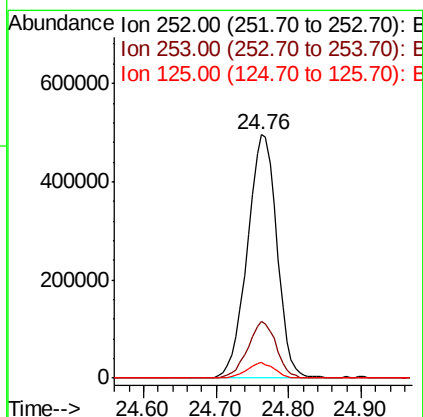
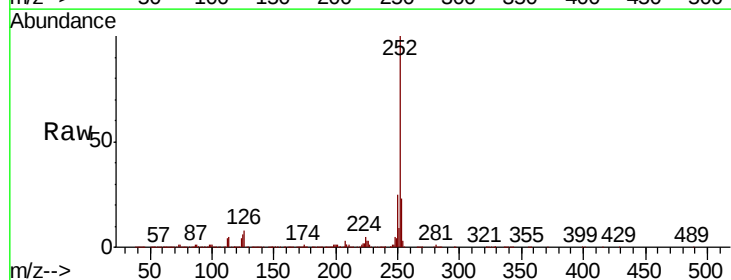
Instrument :
BNA_G
ClientSampleId :

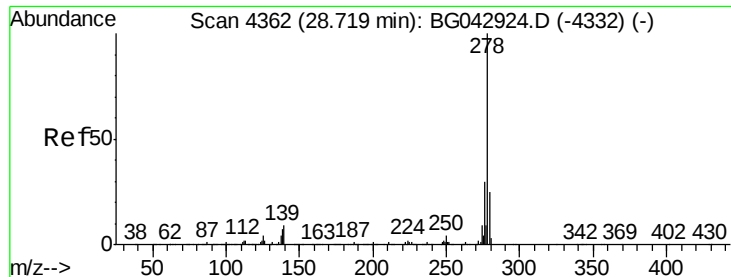
Tot Ion:252 Resp: 1392652
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 5.5 4.5 6.7



#90
Benzo(a)pyrene
Concen: 42.522 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:252 Resp: 1398308
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 6.5 5.0 7.6

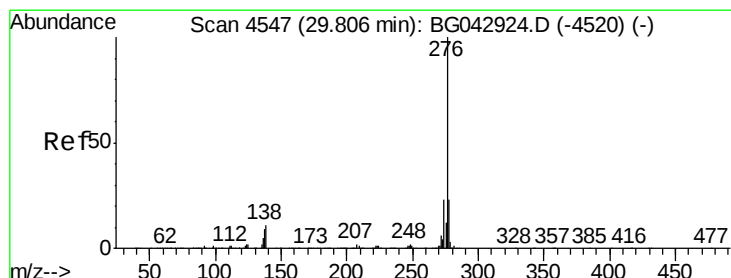
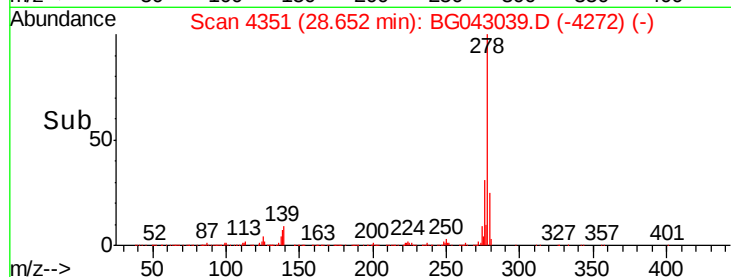
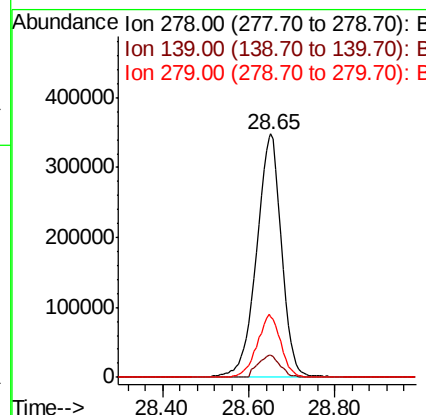
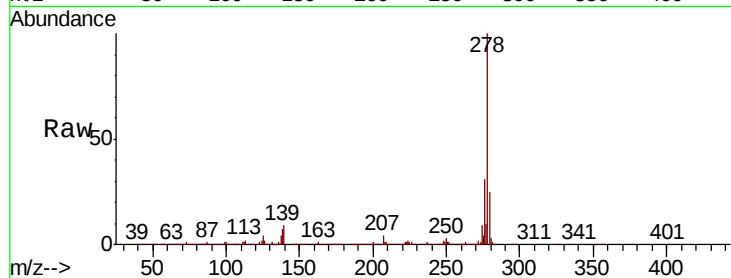




#91
Dibenzo(a,h)anthracene
Concen: 42.724 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.07 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1440667
Ion Ratio Lower Upper
278 100
139 9.3 6.8 10.2
279 25.1 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 43.115 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion:276 Resp: 1408664
Ion Ratio Lower Upper
276 100
277 24.7 18.4 27.6
138 11.9 8.6 12.8

