

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042929.D
 Acq On : 25 Sep 2019 15:33
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

Quant Time: Sep 25 16:28:41 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	8.08	152	64036	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	248934	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	174531	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	422185	20.00	ng	0.00
76) Chrysene-d12	21.71	240	479171	20.00	ng	0.00
87) Perylene-d12	24.95	264	543270	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	293380	81.76	ng	0.00
7) Phenol-d6	7.24	99	404125	78.21	ng	0.00
23) Nitrobenzene-d5	9.24	82	408958	79.85	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	232588	77.50	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	970616	80.62	ng	0.00
79) Terphenyl-d14	20.05	244	1903975	84.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	60164	40.216	ng	99
3) Pyridine	3.96	79	172505	40.997	ng	96
4) n-Nitrosodimethylamine	3.87	42	82212	40.630	ng	89
6) Aniline	7.40	93	246469	39.514	ng	98
8) 2-Chlorophenol	7.64	128	145448	38.869	ng	98
9) Benzaldehyde	7.21	77	136506	43.232	ng	93
10) Phenol	7.27	94	186775	39.397	ng	92
11) bis(2-Chloroethyl)ether	7.49	93	143154	39.027	ng	99
12) 1,3-Dichlorobenzene	7.97	146	185934	38.950	ng	98
13) 1,4-Dichlorobenzene	8.11	146	190963	40.129	ng	96
14) 1,2-Dichlorobenzene	8.43	146	178229	39.339	ng	91
15) Benzyl Alcohol	8.31	79	150643	38.777	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	267030	37.907	ng	99
17) 2-Methylphenol	8.52	107	128382	38.702	ng	99
18) Hexachloroethane	9.16	117	69784	38.937	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	129276	38.101	ng	99
20) 3+4-Methylphenols	8.85	107	175860	38.686	ng	96
22) Acetophenone	8.89	105	277564	43.256	ng	# 99
24) Nitrobenzene	9.28	77	194860	39.888	ng	98
25) Isophorone	9.81	82	354068	39.358	ng	99
26) 2-Nitrophenol	9.99	139	84852	40.802	ng	98
27) 2,4-Dimethylphenol	10.05	122	125781	39.384	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	202389	39.652	ng	99
29) 2,4-Dichlorophenol	10.53	162	156027	39.282	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	199321	38.859	ng	98
31) Naphthalene	10.93	128	479361	39.118	ng	100
32) Benzoic acid	10.19	122	119325	47.995	ng	96
33) 4-Chloroaniline	11.04	127	208343	39.182	ng	98
34) Hexachlorobutadiene	11.22	225	147161	38.317	ng	95
35) Caprolactam	11.81	113	54044	38.583	ng	97
36) 4-Chloro-3-methylphenol	12.16	107	167935	38.885	ng	95
37) 2-Methylnaphthalene	12.53	142	360632	38.577	ng	96
38) 1-Methylnaphthalene	12.75	142	346612	39.184	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	296544	45.190	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	163080	39.004	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	152398	39.678	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	155737	39.360	ng	98
46) 1,1'-Biphenyl	13.53	154	581697	43.950	ng	97
47) 2-Chloronaphthalene	13.58	162	397923	40.100	ng	99
48) 2-Nitroaniline	13.78	65	132916	40.278	ng	95
49) Acenaphthylene	14.42	152	604223	39.793	ng	99
50) Dimethylphthalate	14.15	163	517391	39.565	ng	98
51) 2,6-Dinitrotoluene	14.26	165	113998	40.935	ng	98
52) Acenaphthene	14.76	154	420123	41.337	ng	98
53) 3-Nitroaniline	14.60	138	112508	39.093	ng	99
54) 2,4-Dinitrophenol	14.80	184	69352	40.065	ng	97
55) Dibenzofuran	15.09	168	591847	39.366	ng	97
56) 4-Nitrophenol	14.91	139	87156	39.746	ng	96
57) 2,4-Dinitrotoluene	15.05	165	159424	39.093	ng	95
58) Fluorene	15.74	166	503956	39.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	162420	38.553	ng	99
60) Diethylphthalate	15.51	149	521931	39.218	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	295343	38.365	ng	99
62) 4-Nitroaniline	15.76	138	125608	40.018	ng	98
63) Azobenzene	16.03	77	476078	39.292	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	94157	39.413	ng	96
66) n-Nitrosodiphenylamine	15.95	169	439264	39.413	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	207834	39.223	ng	97
68) Hexachlorobenzene	16.74	284	233160	39.519	ng	96
69) Atrazine	16.89	200	186972	39.839	ng	98
70) Pentachlorophenol	17.09	266	140111	41.156	ng	96
71) Phenanthrene	17.48	178	812580	39.424	ng	98
72) Anthracene	17.57	178	810013	39.366	ng	99
73) Carbazole	17.84	167	761558	39.912	ng	99
74) Di-n-butylphthalate	18.40	149	930597	40.877	ng	99
75) Fluoranthene	19.49	202	1106807	40.599	ng	99
77) Benzidine	19.66	184	448598	37.390	ng	98
78) Pyrene	19.85	202	1129424	39.491	ng	98
80) Butylbenzylphthalate	20.73	149	437604	40.310	ng	97
81) Benzo(a)anthracene	21.69	228	1190918	39.888	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	464400	39.658	ng	100
83) Chrysene	21.76	228	1142609	39.436	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	624307	40.416	ng	97
85) Di-n-octyl phthalate	22.83	149	1022116	40.465	ng	100
86) Indeno(1,2,3-cd)pyrene	28.63	276	1419215	39.346	ng	99
88) Benzo(b)fluoranthene	23.92	252	1217797	39.617	ng	99
89) Benzo(k)fluoranthene	23.99	252	1214427	39.935	ng	99
90) Benzo(a)pyrene	24.79	252	1151739	39.713	ng	100
91) Dibenzo(a,h)anthracene	28.69	278	1182084	39.749	ng	98
92) Benzo(g,h,i)perylene	29.79	276	1133389	39.334	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

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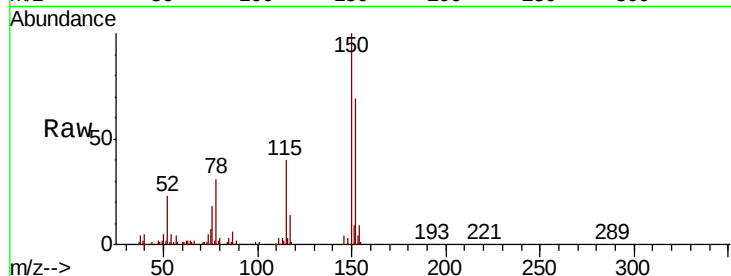
Tot Ion:152 Resp: 64036

Ion Ratio Lower Upper

152 100

150 145.5 115.0 172.4

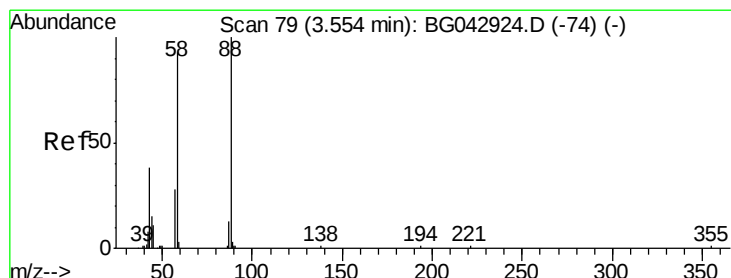
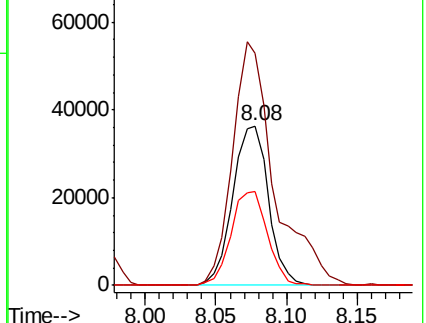
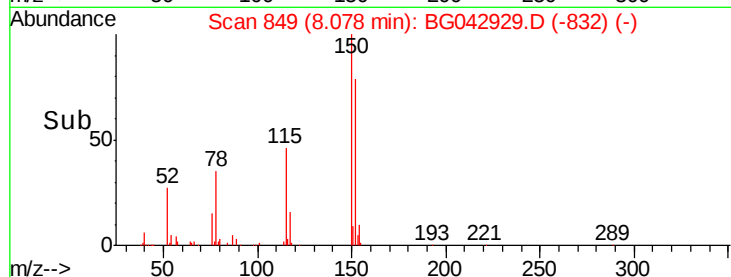
115 58.6 47.0 70.6



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: 40.216 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

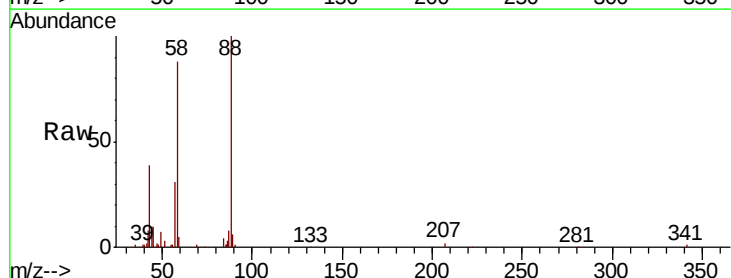
Tgt Ion: 88 Resp: 60164

Ion Ratio Lower Upper

88 100

58 93.7 74.3 111.5

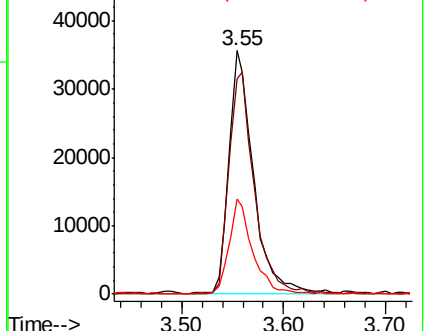
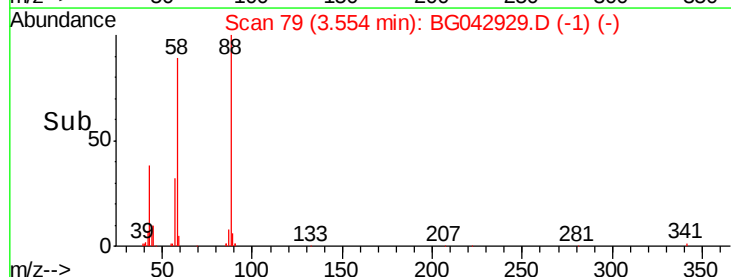
43 37.4 29.8 44.8

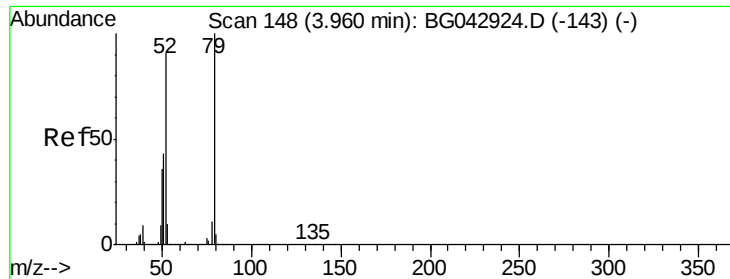


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.997 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

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ClientSampleId :

ICVBG092519

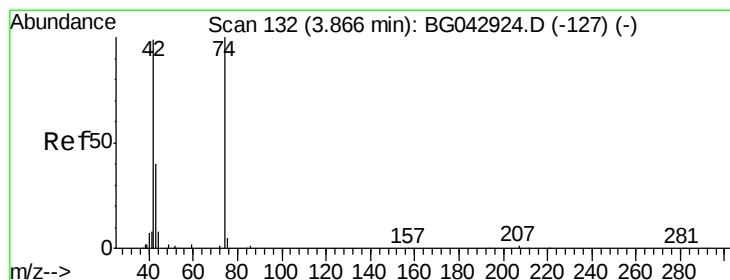
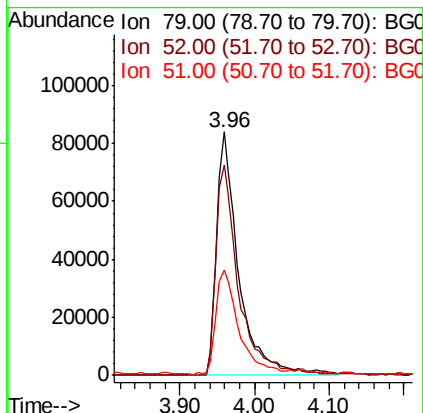
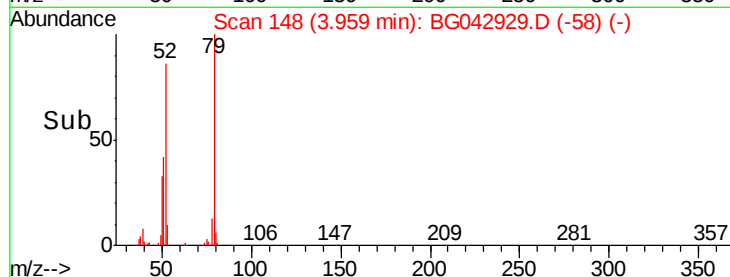
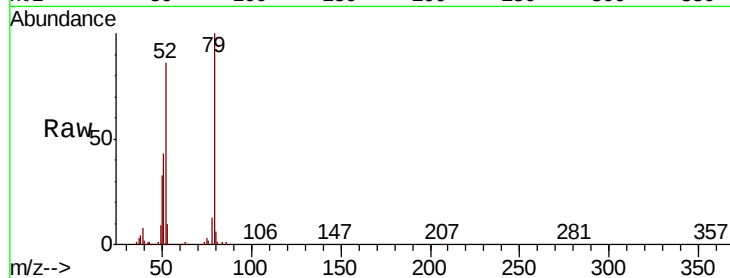
Tot Ion: 79 Resp: 172505

Ion Ratio Lower Upper

79 100

52 86.1 73.0 109.4

51 43.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 40.630 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

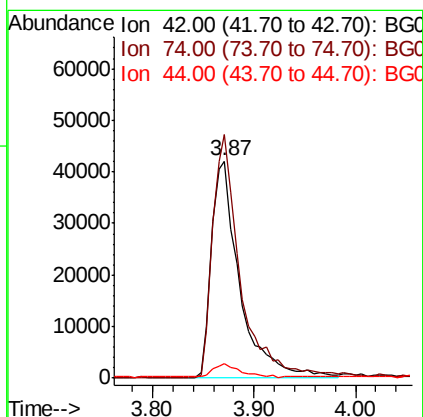
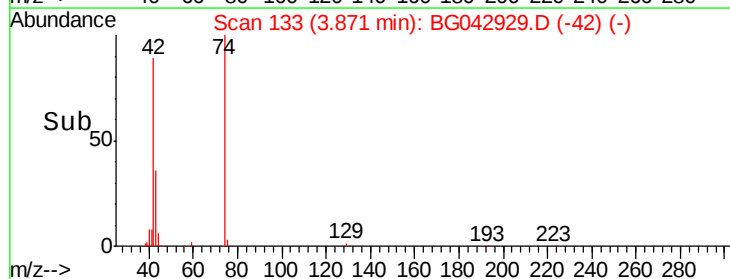
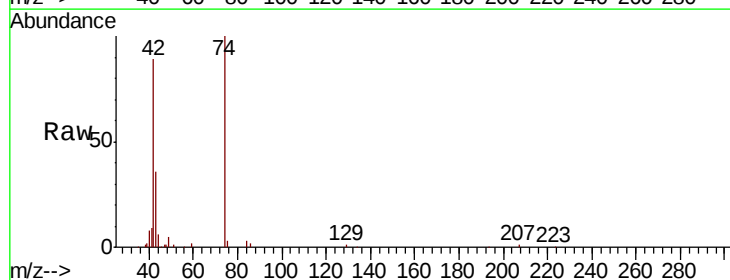
Tgt Ion: 42 Resp: 82212

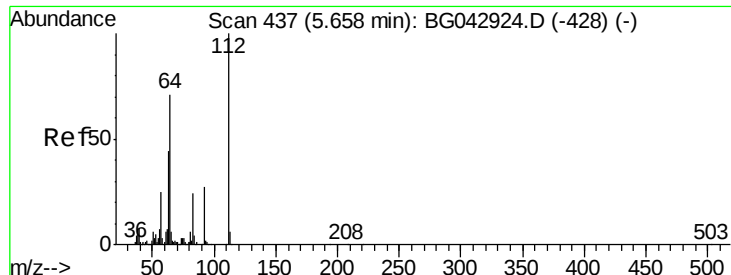
Ion Ratio Lower Upper

42 100

74 112.4 80.5 120.7

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 81.762 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

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ClientSampleId :

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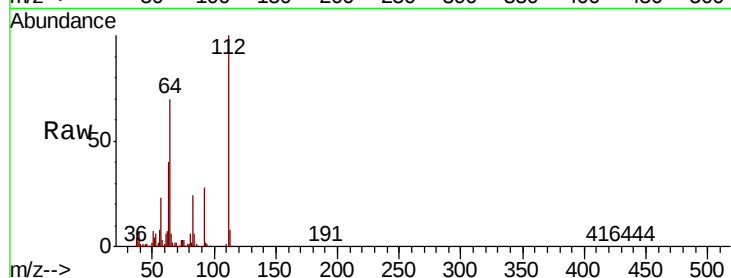
Tot Ion:112 Resp: 293380

Ion Ratio Lower Upper

112 100

64 69.6 56.6 84.8

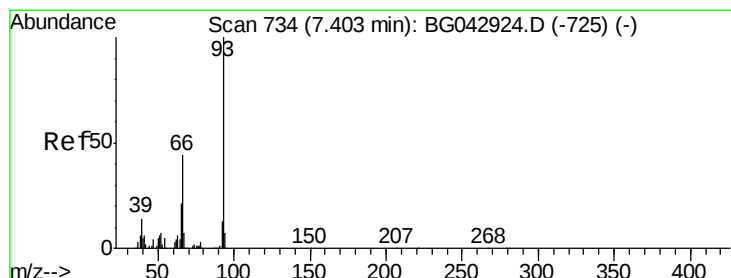
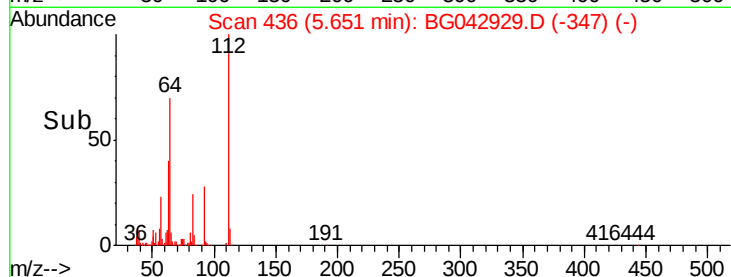
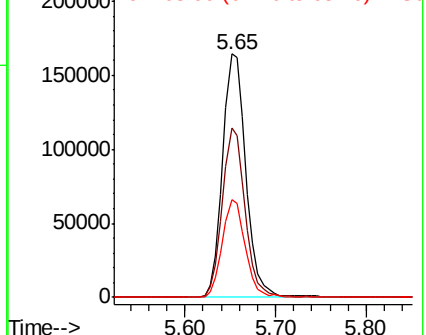
63 39.9 35.1 52.7



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: 39.514 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

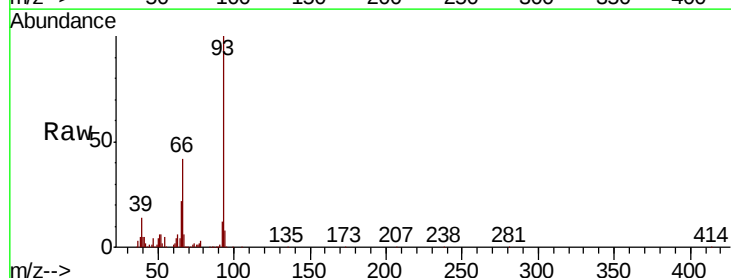
Tgt Ion: 93 Resp: 246469

Ion Ratio Lower Upper

93 100

66 42.4 35.0 52.6

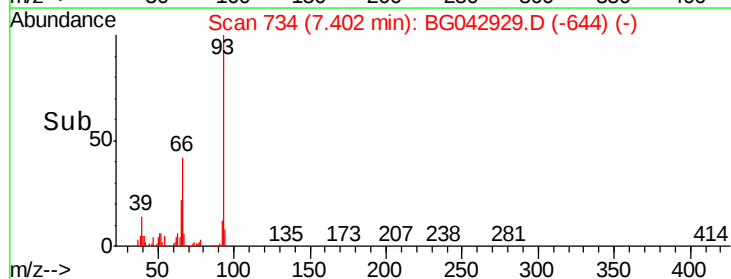
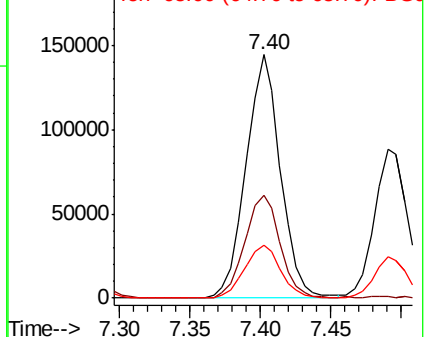
65 21.9 17.4 26.0



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: 78.209 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

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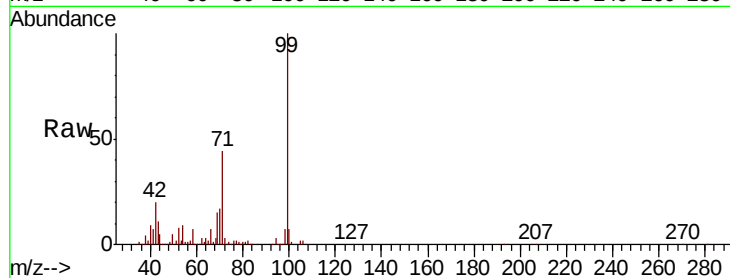
Tot Ion: 99 Resp: 404125

Ion Ratio Lower Upper

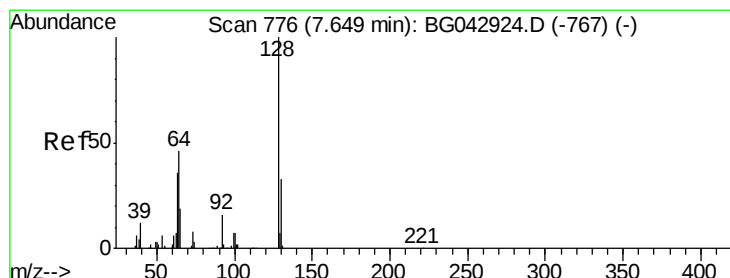
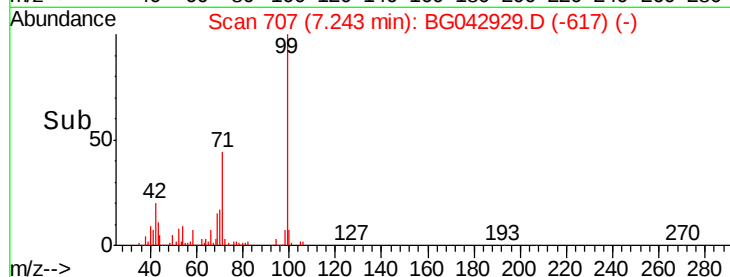
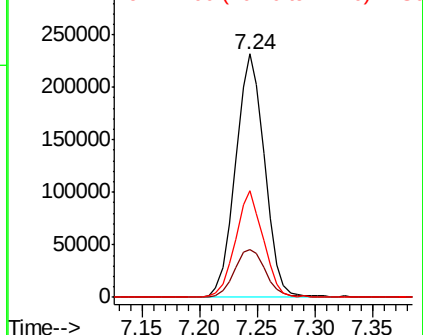
99 100

42 19.8 17.2 25.8

71 43.9 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: 38.869 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

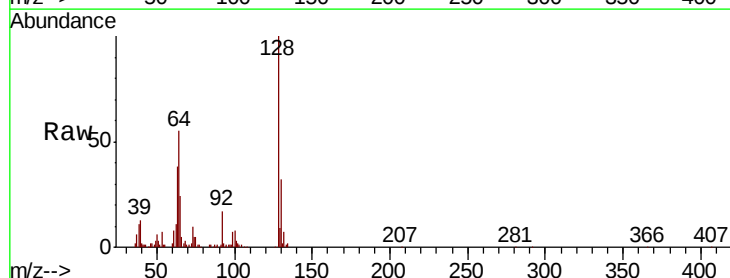
Tgt Ion: 128 Resp: 145448

Ion Ratio Lower Upper

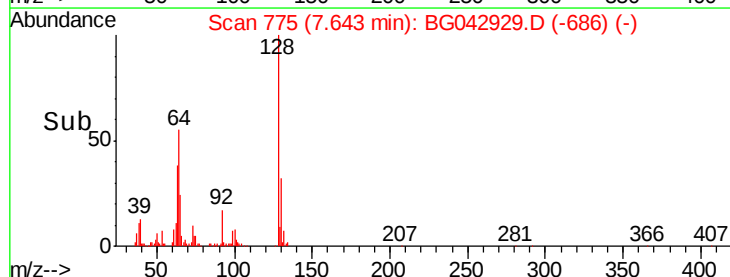
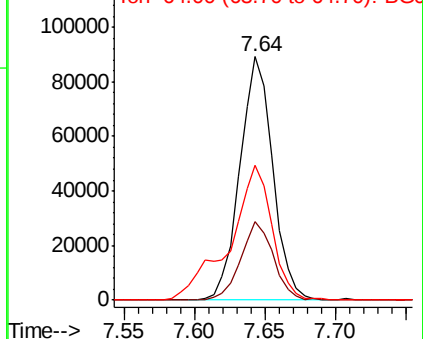
128 100

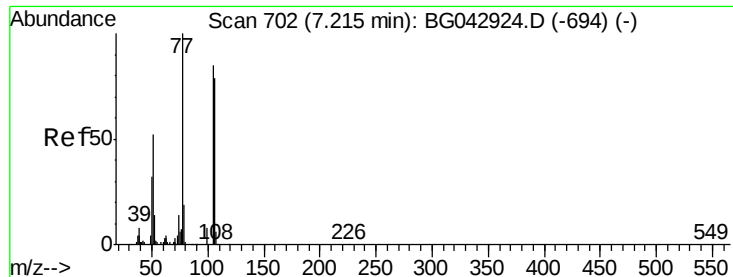
130 32.4 12.5 52.5

64 55.5 32.8 72.8



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





#9

Benzaldehyde

Concen: 43.232 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

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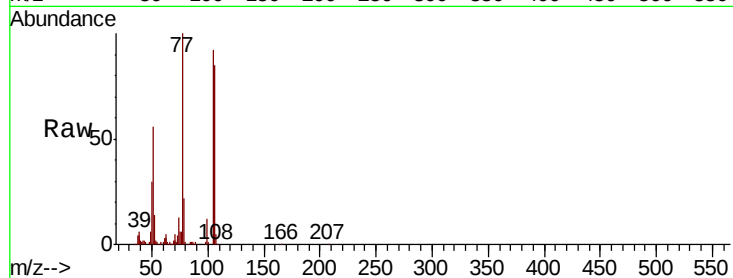
Tot Ion: 77 Resp: 136506

Ion Ratio Lower Upper

77 100

105 91.8 64.6 104.6

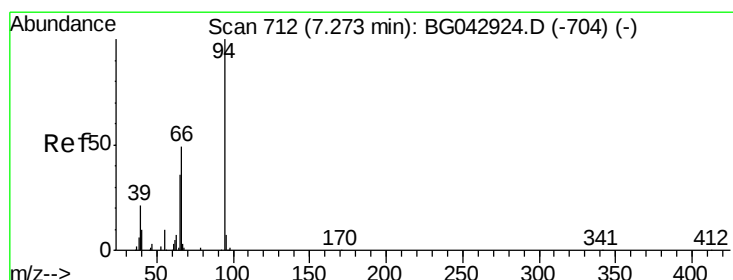
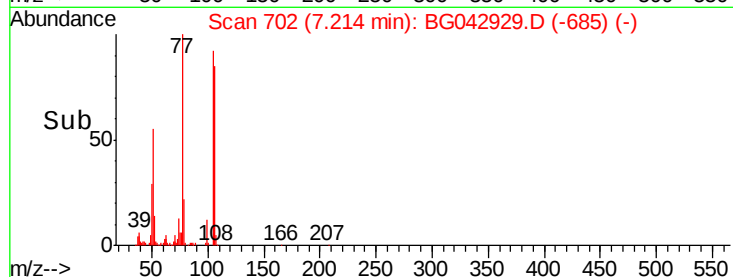
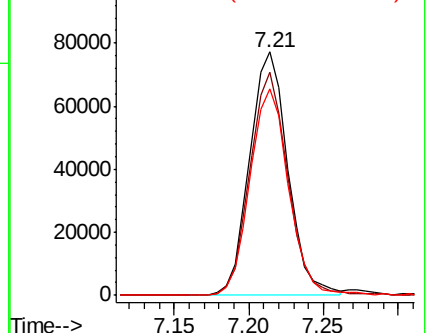
106 84.9 59.4 99.4



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: 39.397 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

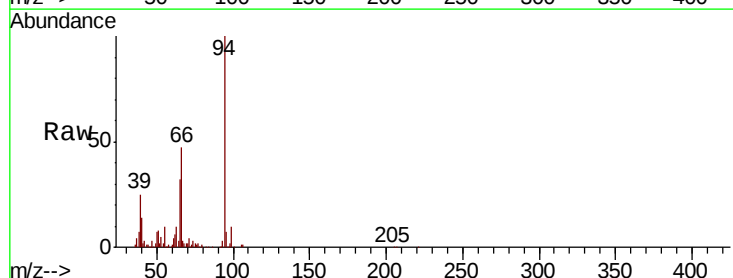
Tgt Ion: 94 Resp: 186775

Ion Ratio Lower Upper

94 100

65 31.5 16.6 56.6

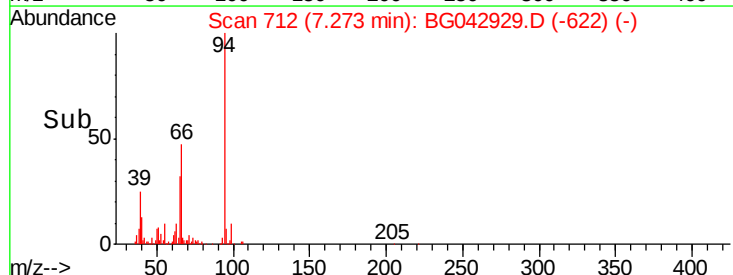
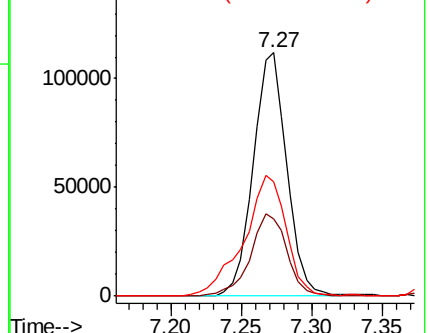
66 47.1 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

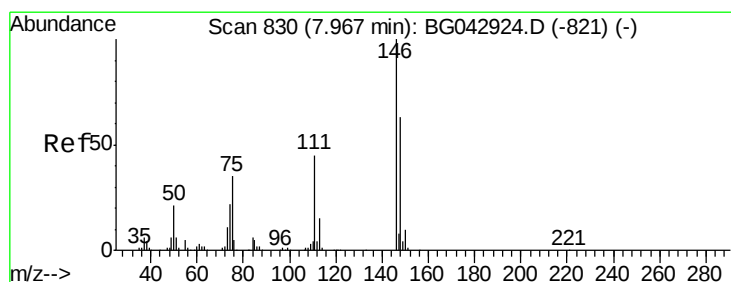
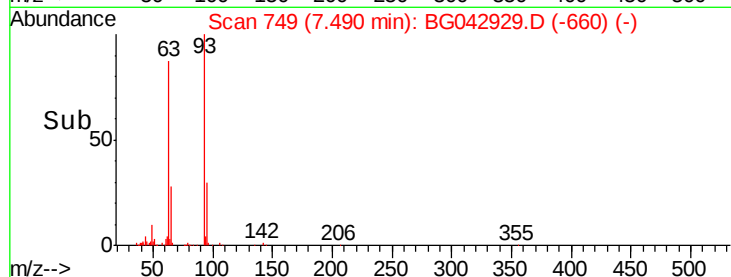
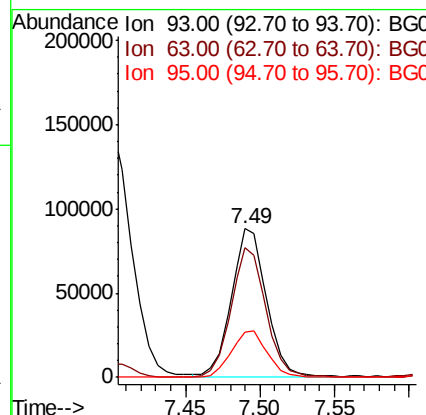
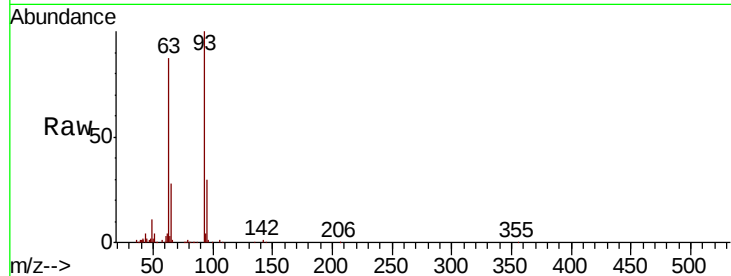




#11
bis(2-Chloroethyl)ether
Concen: 39.027 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

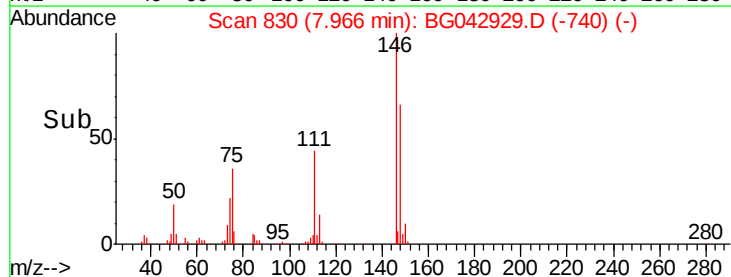
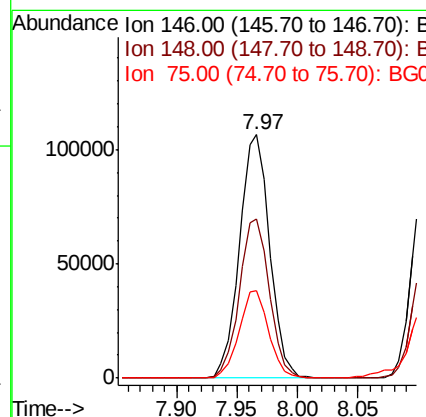
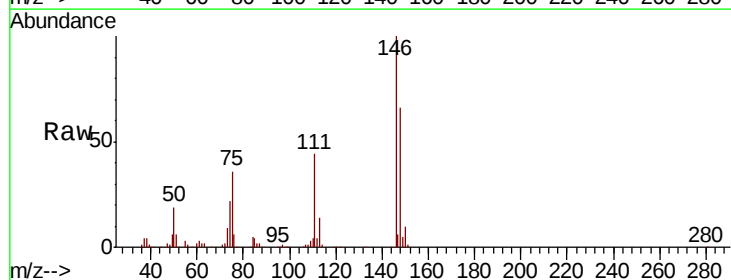
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

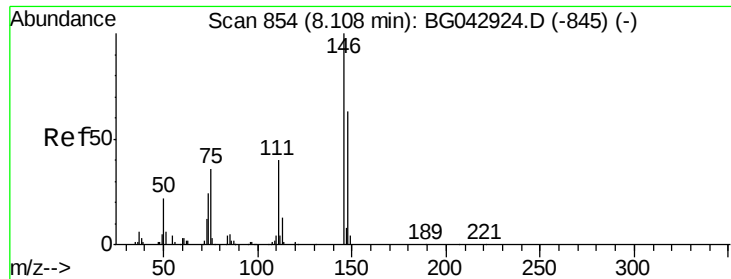
Tot Ion:	93	Resp:	143154
Ion	Ratio	Lower	Upper
93	100		
63	87.3	67.4	107.4
95	30.5	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 38.950 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion:	146	Resp:	185934
Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.7	76.1
75	35.7	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 40.129 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

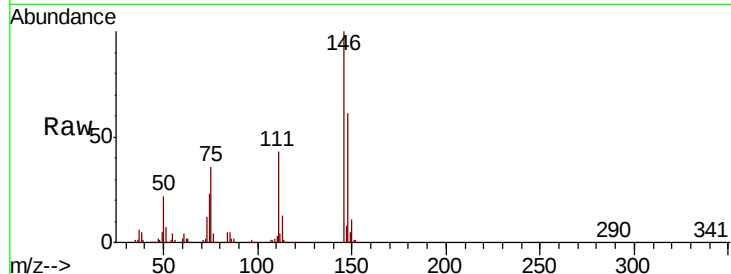
Tot Ion:146 Resp: 190963

Ion Ratio Lower Upper

146 100

148 61.3 50.9 76.3

111 42.8 31.8 47.8

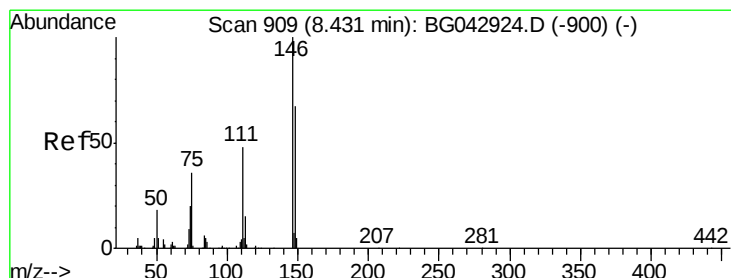
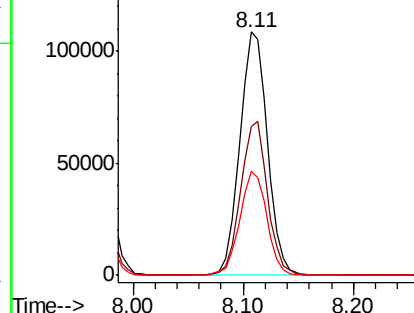
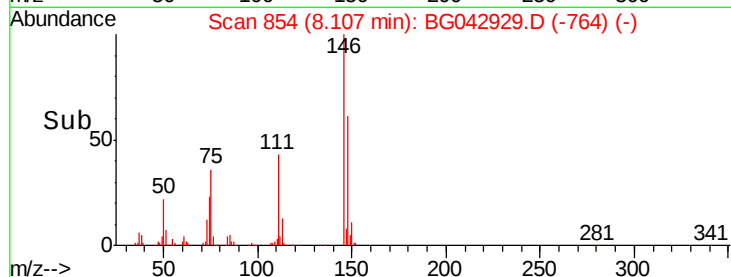


Abundance

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: 39.339 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

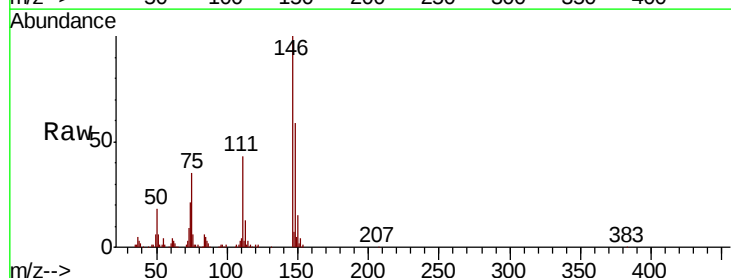
Tgt Ion:146 Resp: 178229

Ion Ratio Lower Upper

146 100

148 59.4 53.4 80.2

111 42.9 38.5 57.7

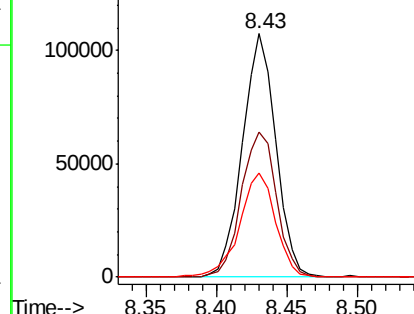
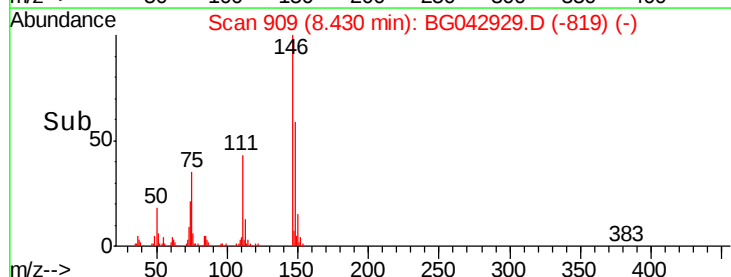


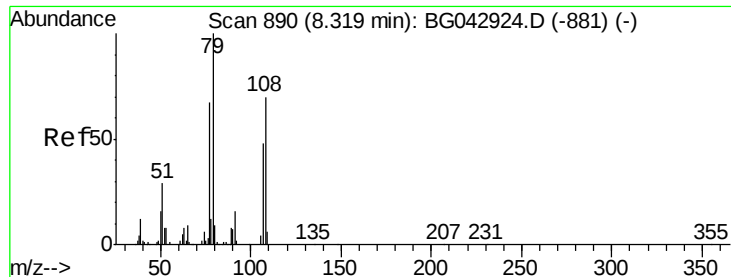
Abundance

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: 38.777 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

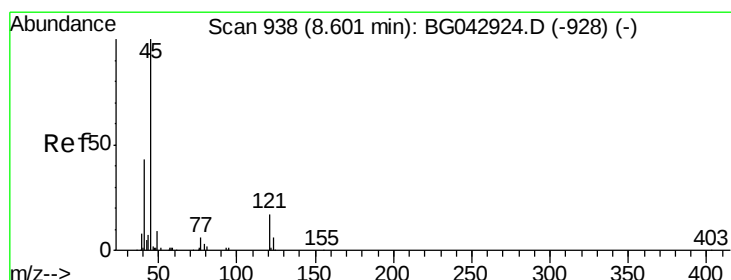
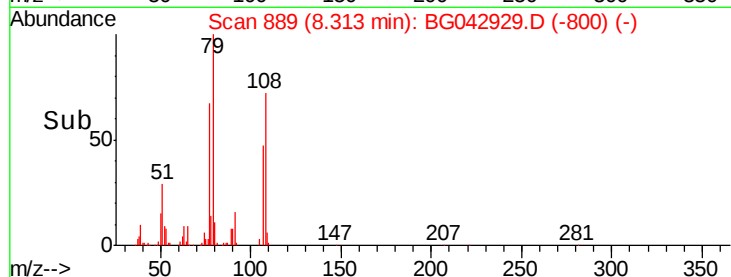
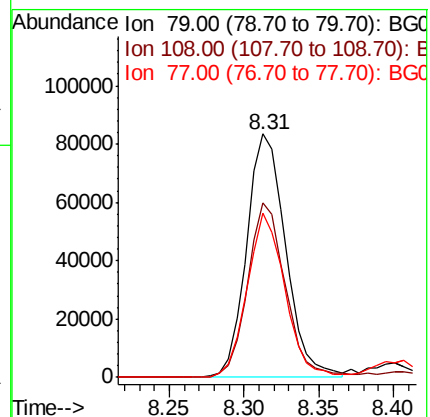
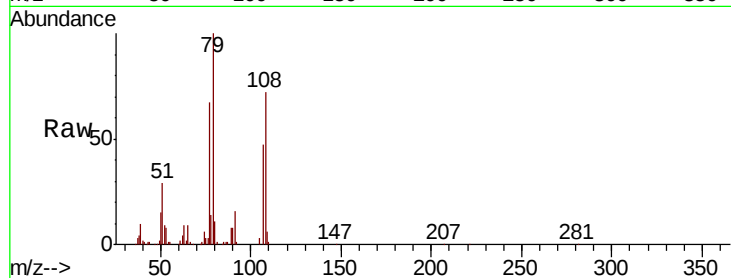
Tot Ion: 79 Resp: 150643

Ion Ratio Lower Upper

79 100

108 71.7 55.7 83.5

77 67.3 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.907 ng

RT: 8.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

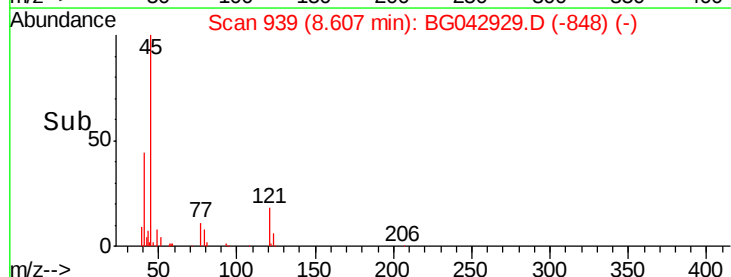
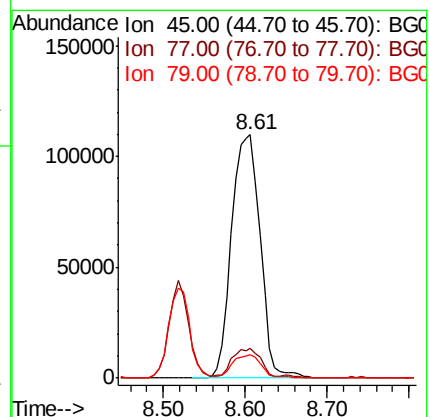
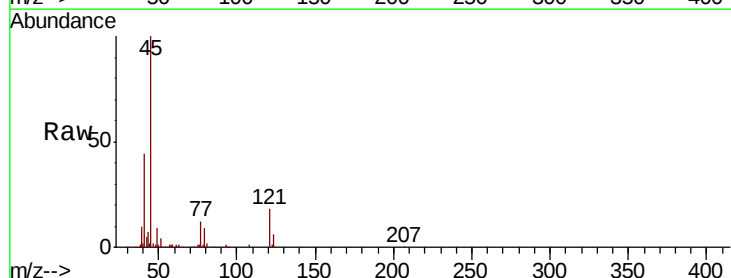
Tgt Ion: 45 Resp: 267030

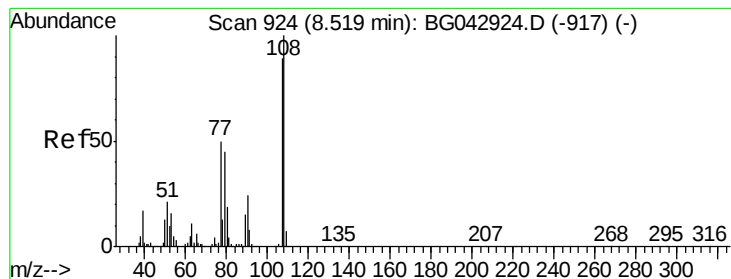
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.8

79 9.5 0.0 29.4





#17

2-Methylphenol

Concen: 38.702 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

Tot Ion:107 Resp: 128382

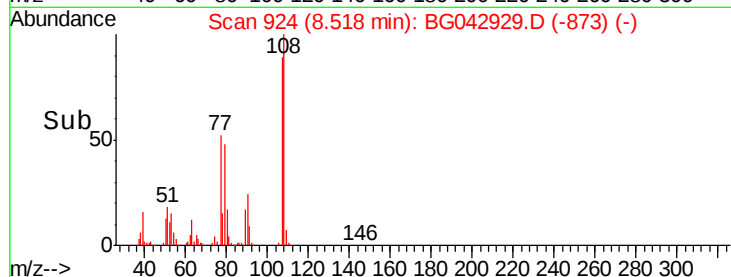
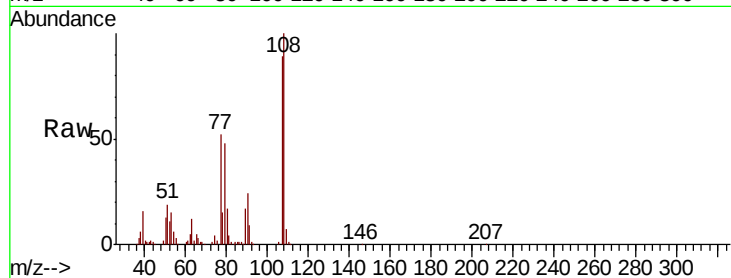
Ion Ratio Lower Upper

107 100

108 111.9 89.9 134.9

77 57.7 45.4 68.2

79 53.5 41.4 62.0



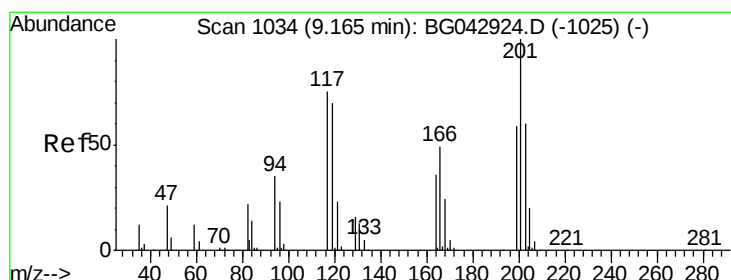
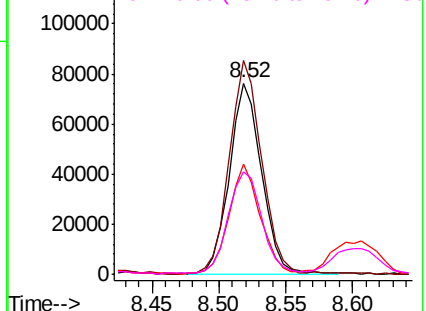
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 38.937 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

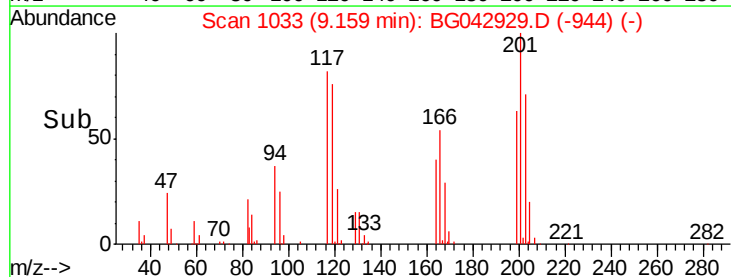
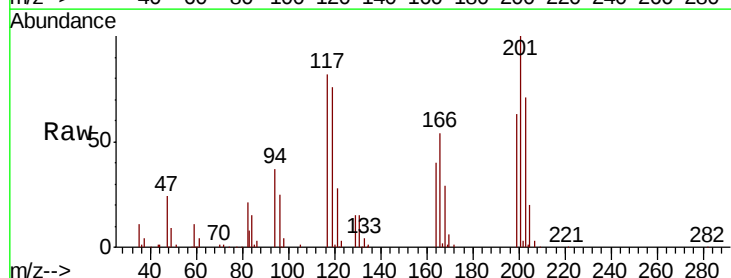
Tgt Ion:117 Resp: 69784

Ion Ratio Lower Upper

117 100

119 93.0 74.6 111.8

201 121.8 106.0 159.0

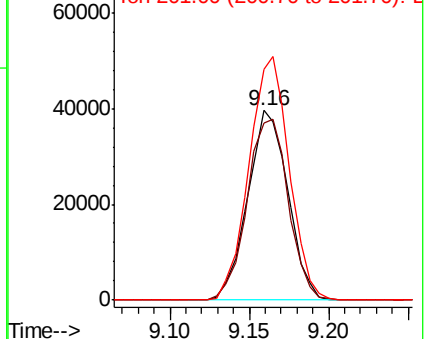


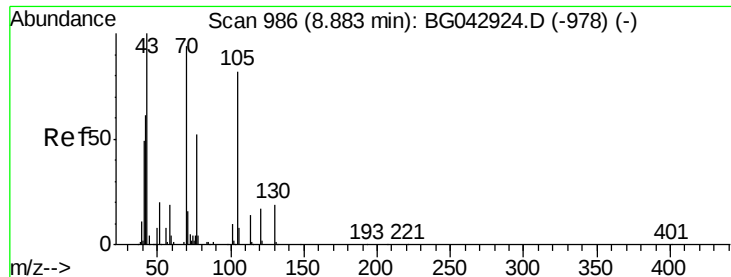
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

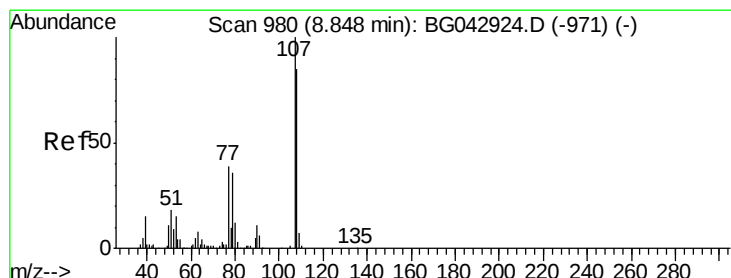
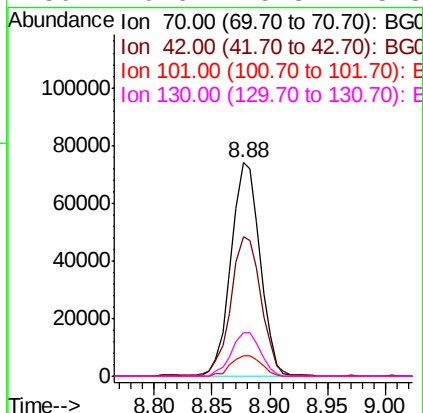
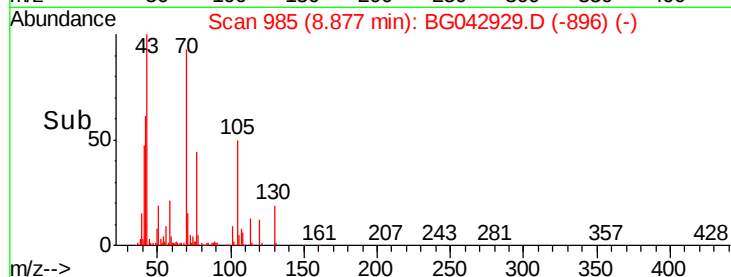
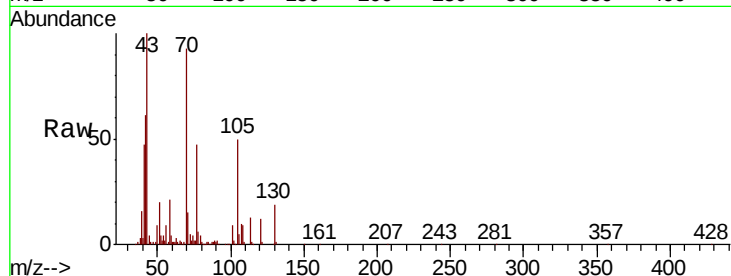




#19
n-Nitroso-di-n-propylamine
Concen: 38.101 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

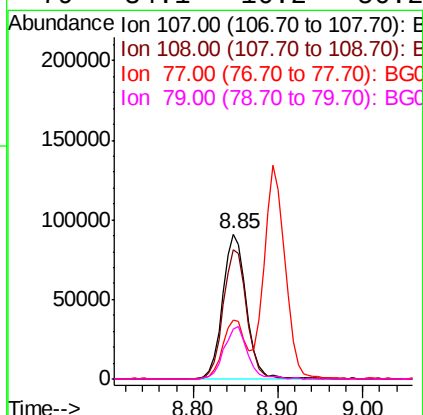
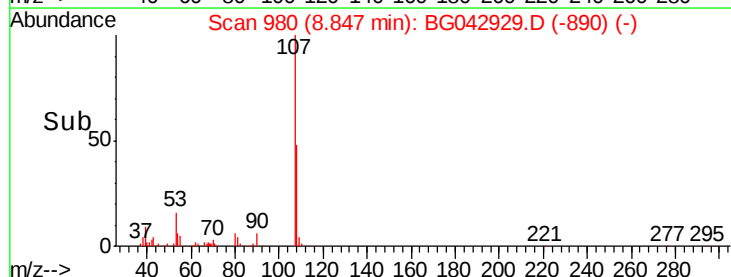
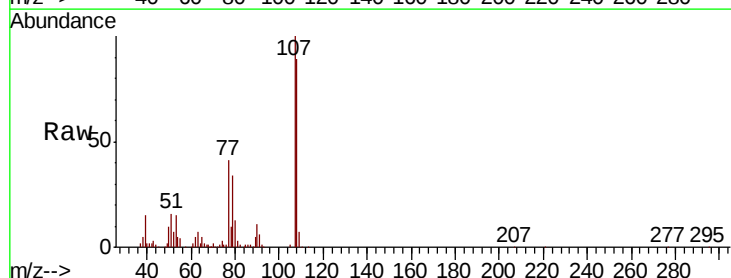
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion:	70	Resp:	129276
Ion	Ratio	Lower	Upper
70	100		
42	65.2	52.6	79.0
101	9.7	8.7	13.1
130	20.6	15.8	23.8



#20
3+4-Methylphenols
Concen: 38.686 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion:	107	Resp:	175860
Ion	Ratio	Lower	Upper
107	100		
108	89.4	64.9	104.9
77	40.8	19.4	59.4
79	34.1	16.2	56.2

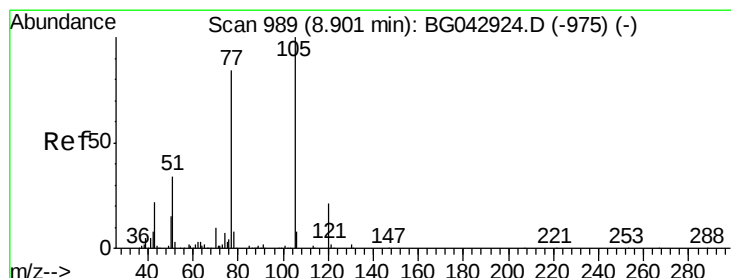
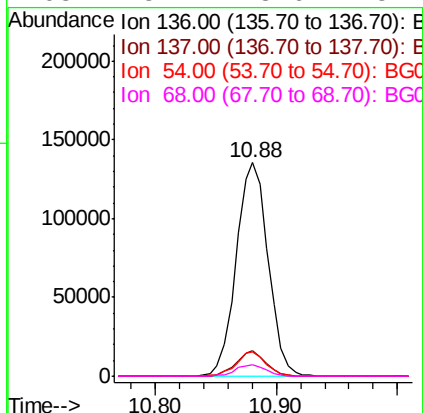
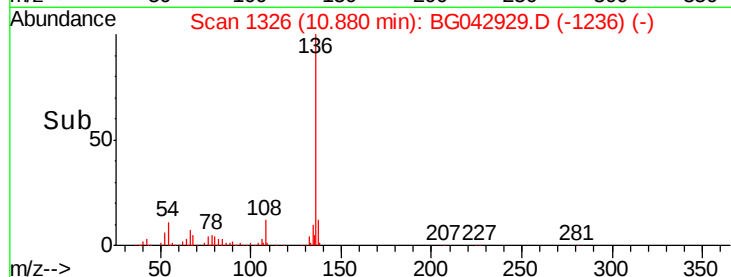
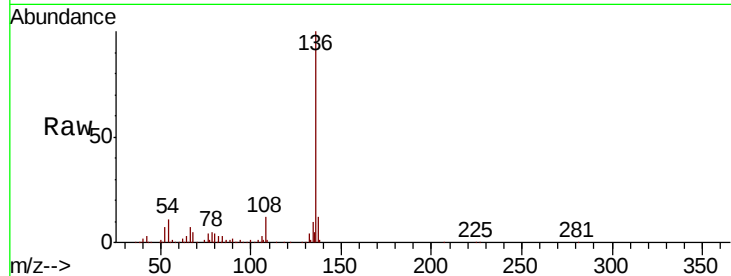




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

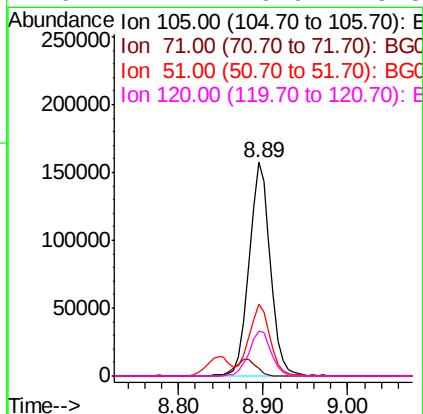
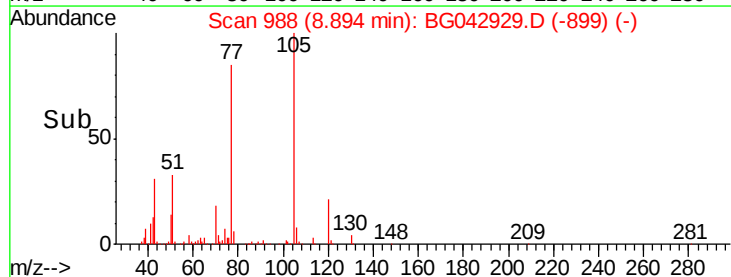
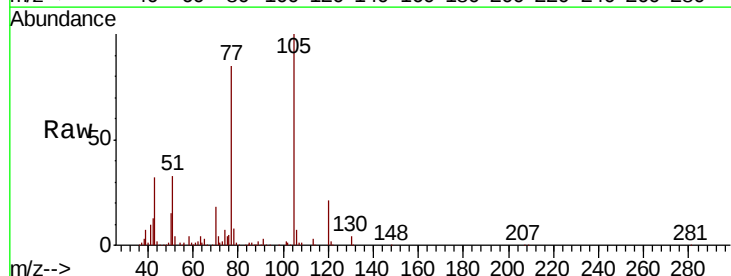
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

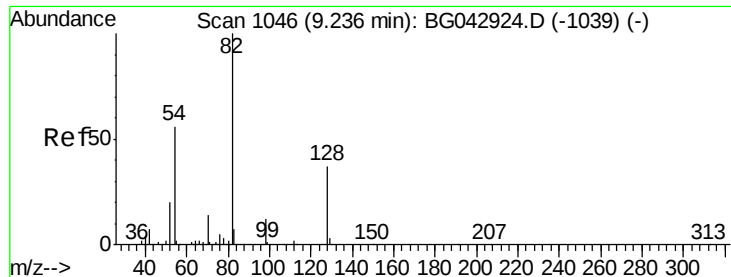
Tot Ion:136	Resp:	248934
Ion Ratio	Lower	Upper
136	100	
137	11.9	8.5 12.7
54	11.5	7.4 11.2#
68	5.1	3.6 5.4



#22
Acetophenone
Concen: 43.256 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion:105	Resp:	277564
Ion Ratio	Lower	Upper
105	100	
71	3.5	1.2 1.8#
51	33.5	27.2 40.8
120	21.2	16.9 25.3





#23

Nitrobenzene-d5

Concen: 79.850 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

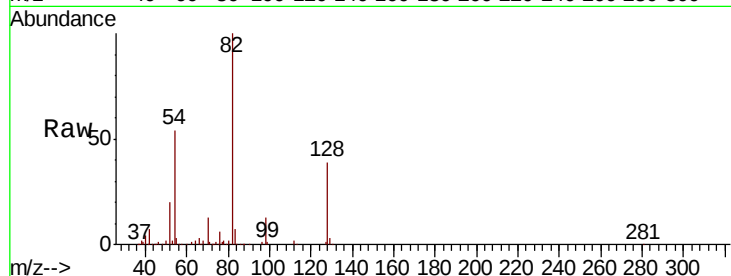
Tot Ion: 82 Resp: 408958

Ion Ratio Lower Upper

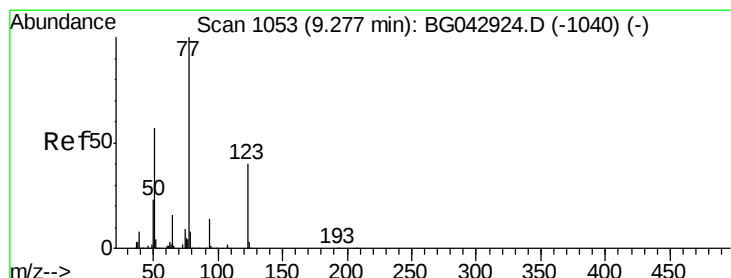
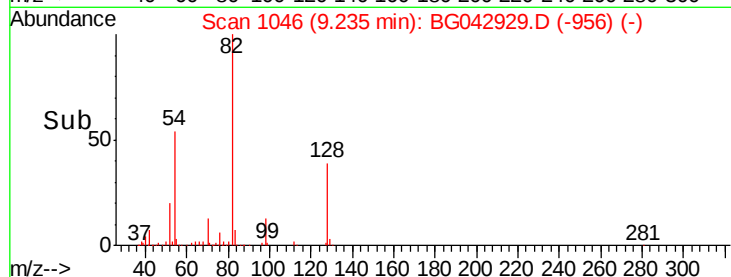
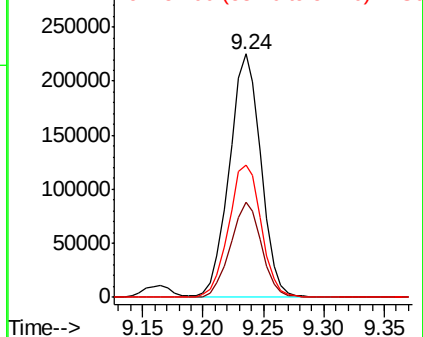
82 100

128 39.2 29.5 44.3

54 54.4 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 39.888 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

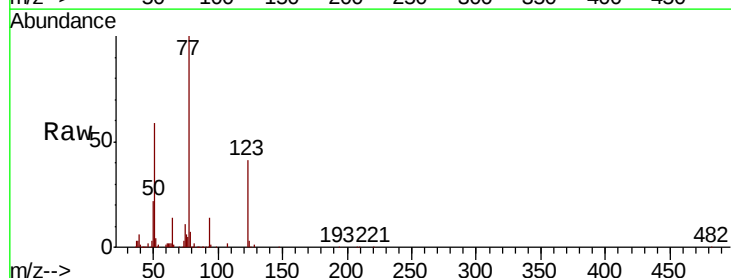
Tgt Ion: 77 Resp: 194860

Ion Ratio Lower Upper

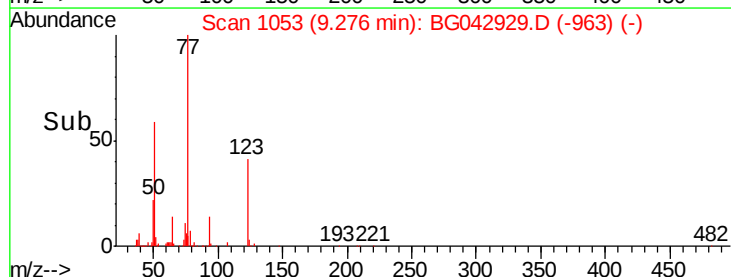
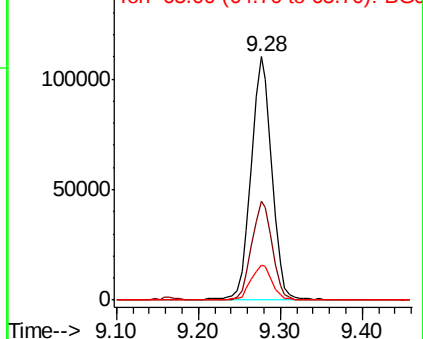
77 100

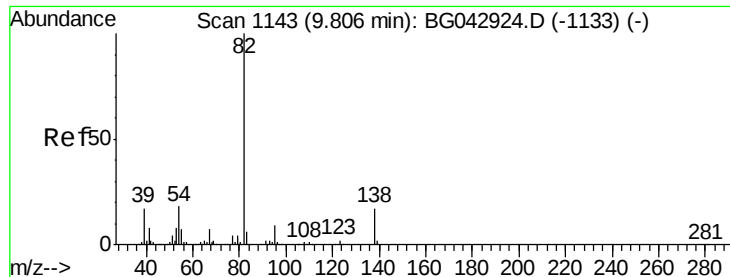
123 40.9 31.9 47.9

65 14.3 12.4 18.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.358 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

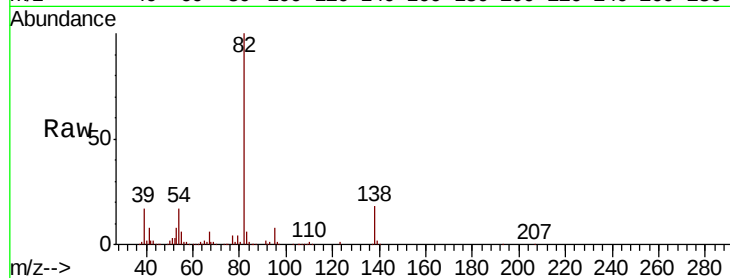
Tot Ion: 82 Resp: 354068

Ion Ratio Lower Upper

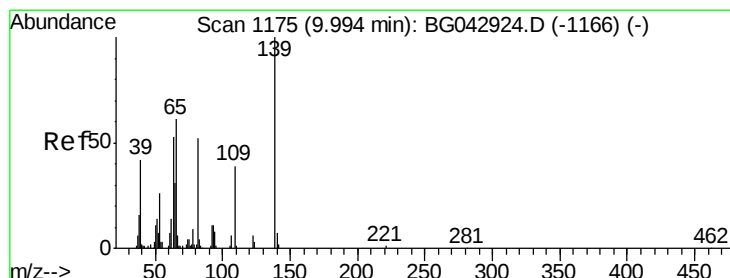
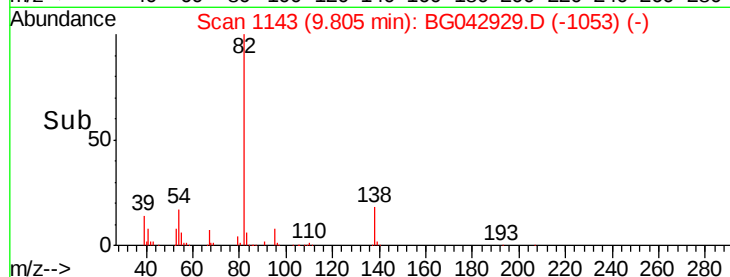
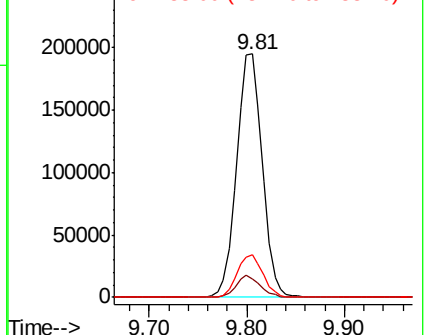
82 100

95 7.7 7.0 10.4

138 17.5 13.8 20.6



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



#26

2-Nitrophenol

Concen: 40.802 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

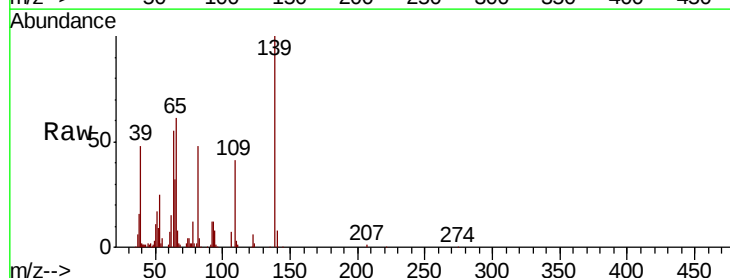
Tgt Ion: 139 Resp: 84852

Ion Ratio Lower Upper

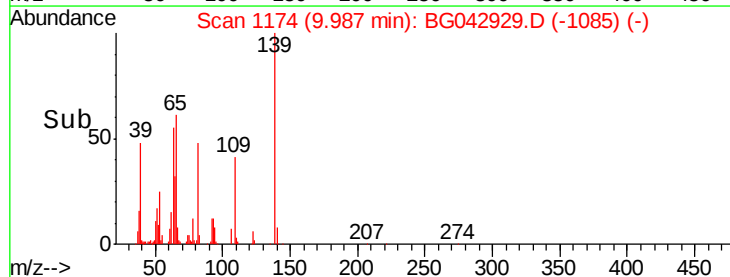
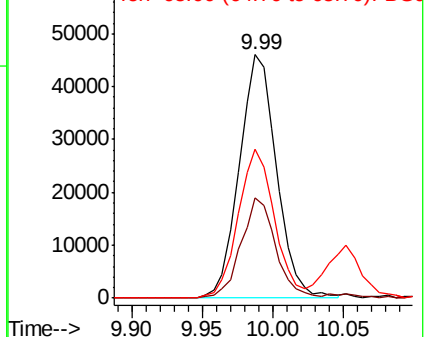
139 100

109 41.3 31.0 46.6

65 61.3 48.4 72.6



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

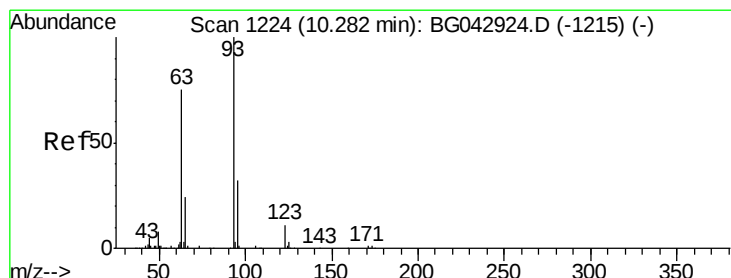
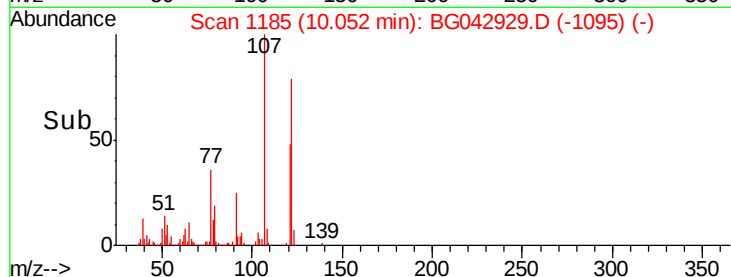
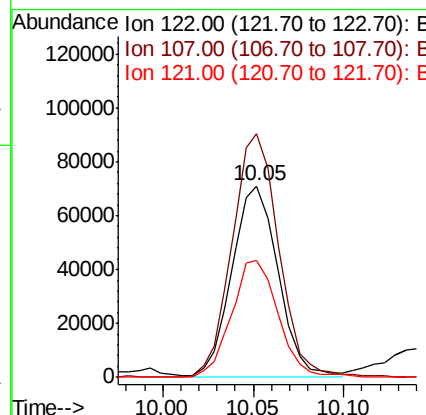
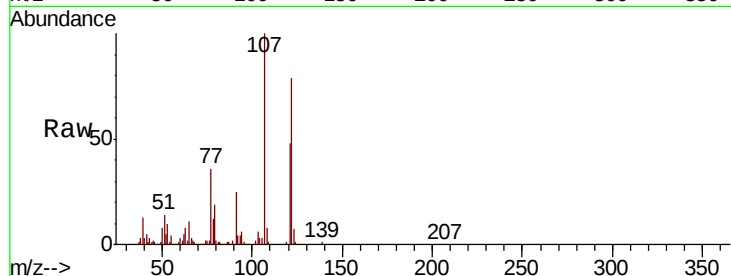




#27
2,4-Dimethylphenol
Concen: 39.384 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

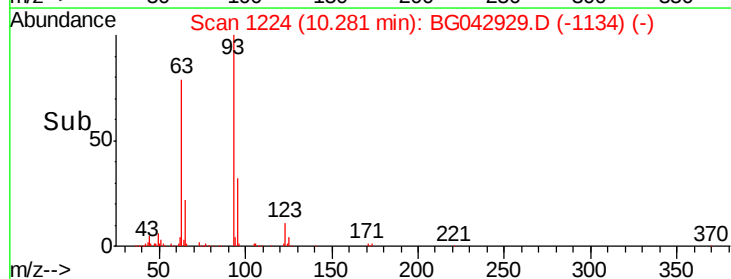
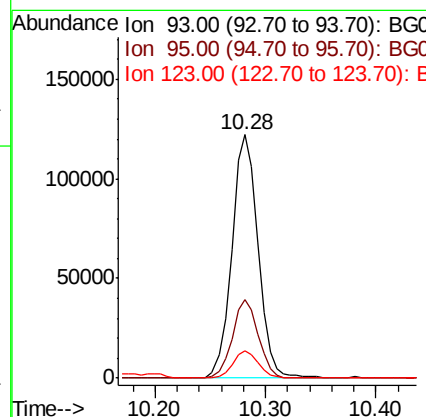
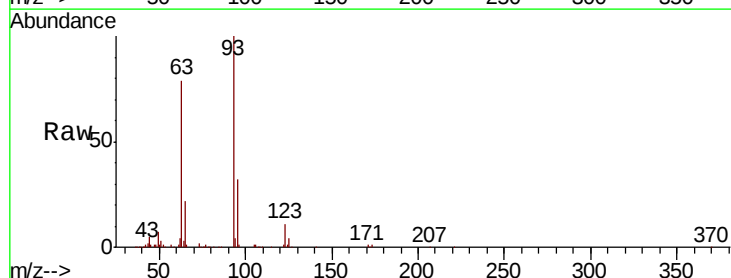
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.1	102.2	153.2
121	61.3	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.652 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.0
123	11.4	9.3	13.9

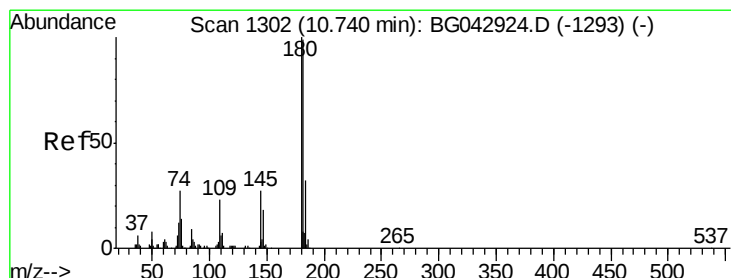
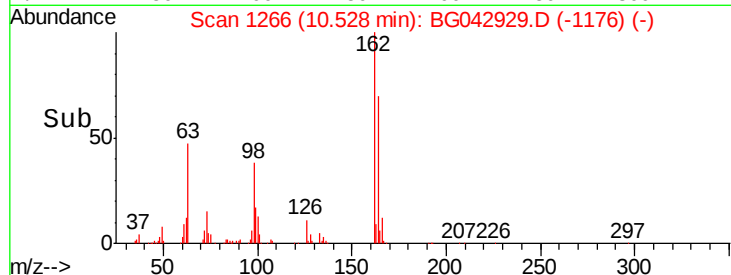
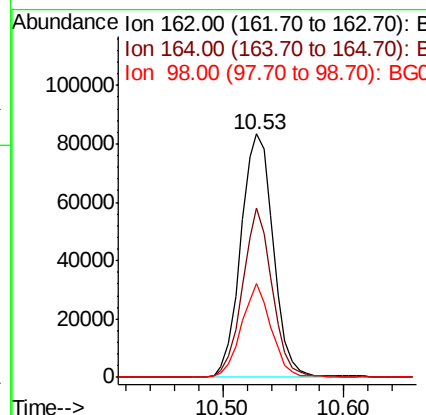
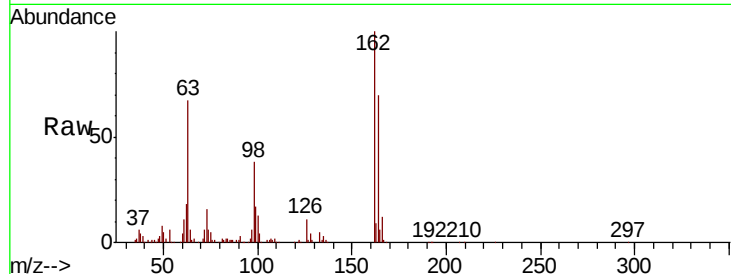




#29
 2,4-Dichlorophenol
 Concen: 39.282 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

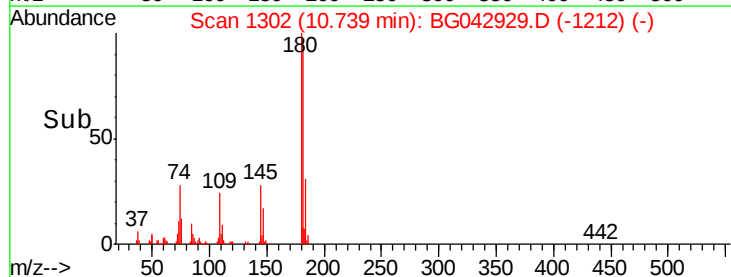
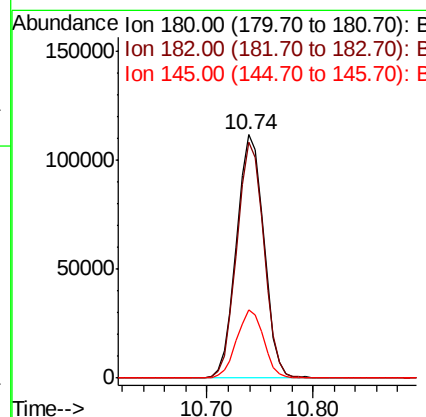
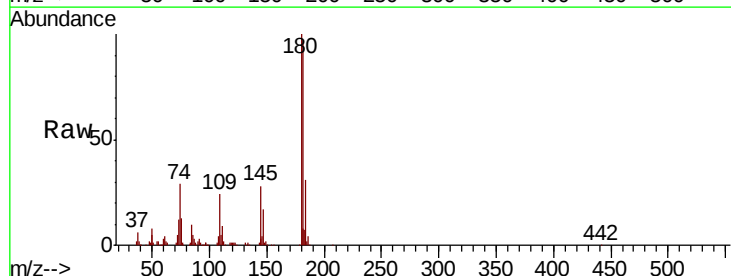
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.6	44.7	84.7
98	38.4	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.859 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.3	118.9
145	27.9	22.0	33.0

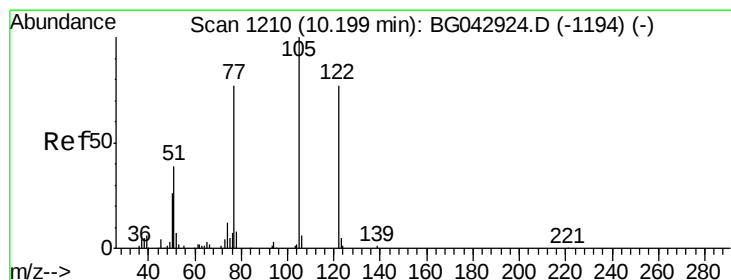
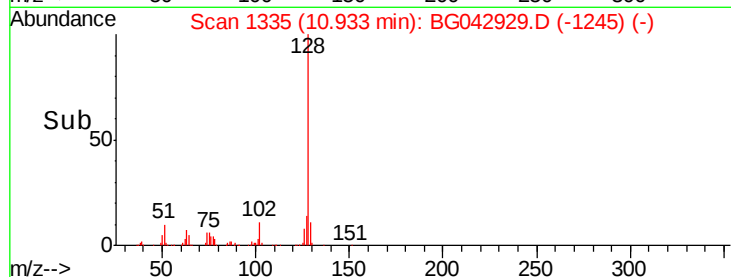
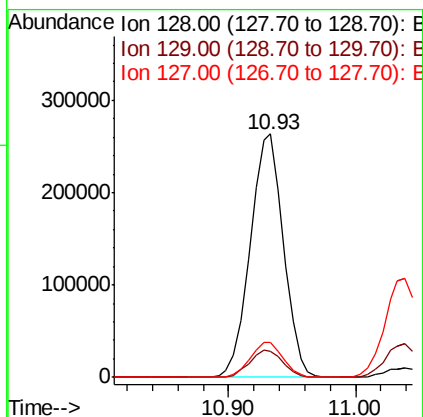
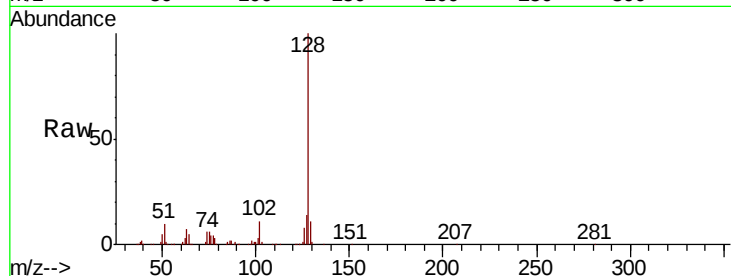




#31
Naphthalene
Concen: 39.118 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

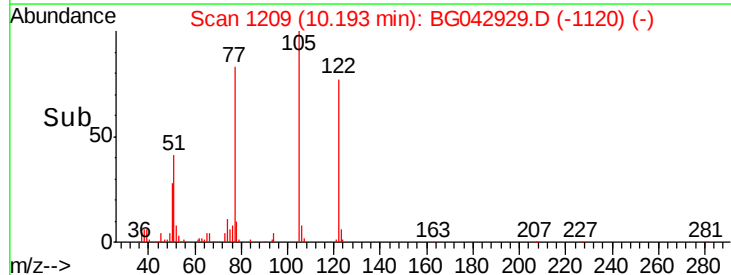
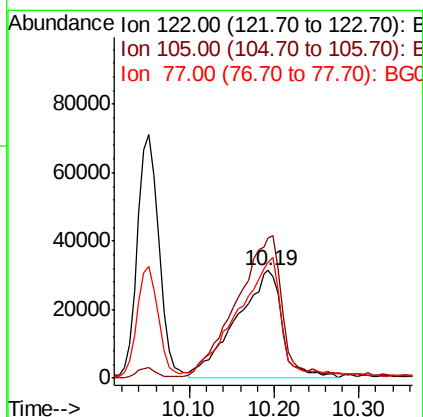
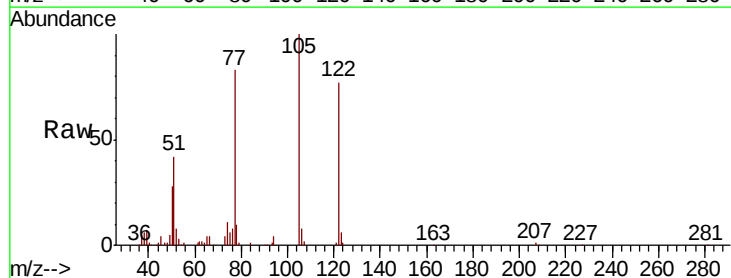
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	14.2	11.3	16.9



#32
Benzoic acid
Concen: 47.995 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	107.5	147.5
77	107.5	79.8	119.8

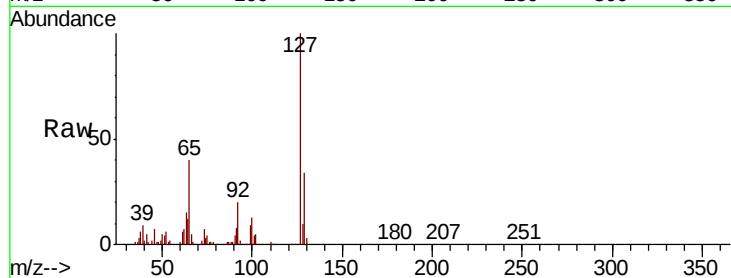




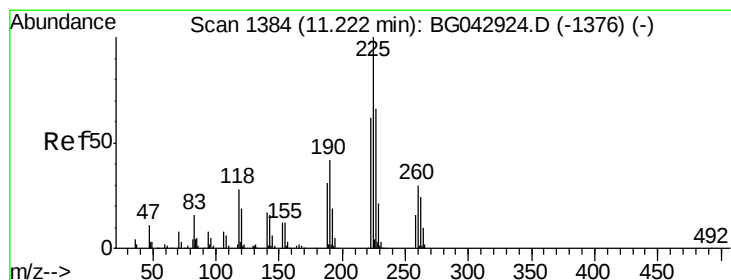
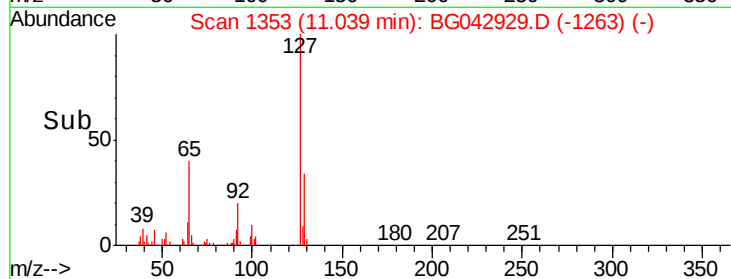
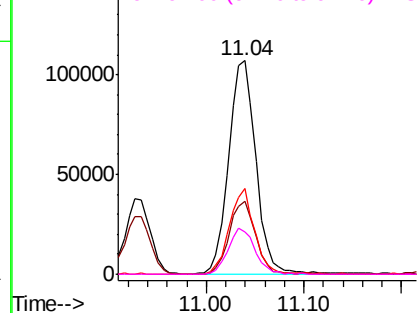
#33
4-Chloroaniline
Concen: 39.182 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion:	127	Resp:	208343
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.2	39.2
65	40.0	30.6	45.8
92	19.8	16.2	24.4

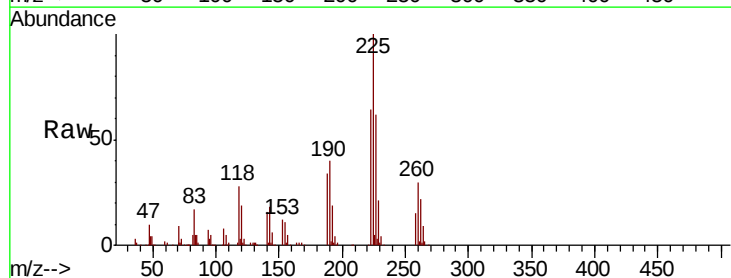


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

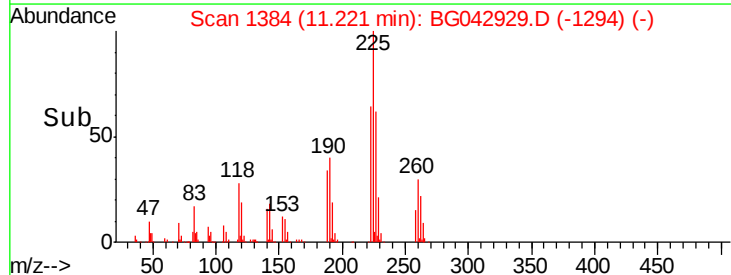
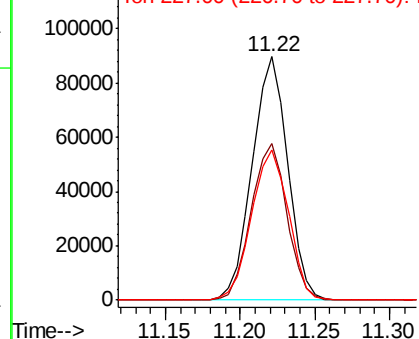


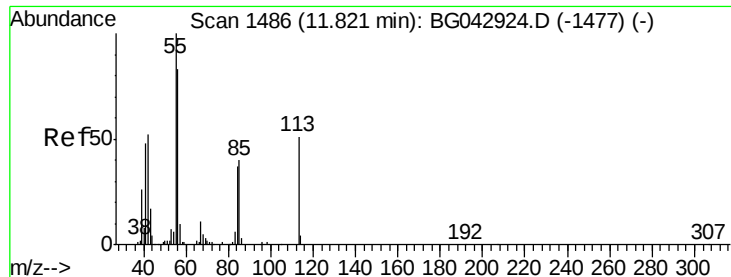
#34
Hexachlorobutadiene
Concen: 38.317 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion:	225	Resp:	147161
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.3	73.9
227	61.7	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: 38.583 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

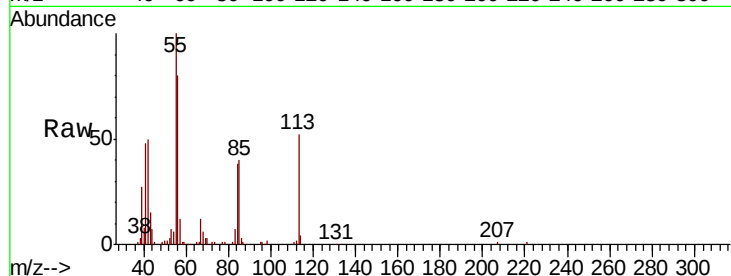
Tot Ion:113 Resp: 54044

Ion Ratio Lower Upper

113 100

55 194.1 175.5 215.5

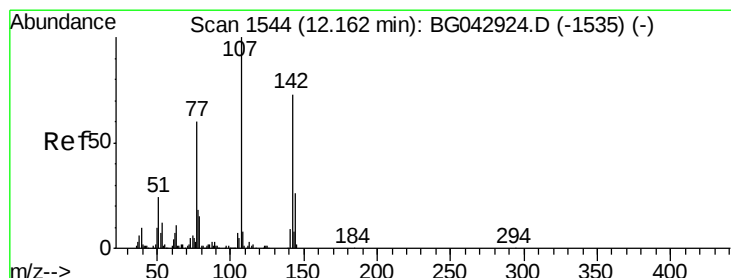
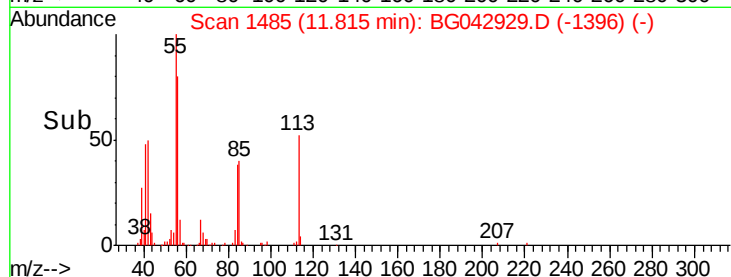
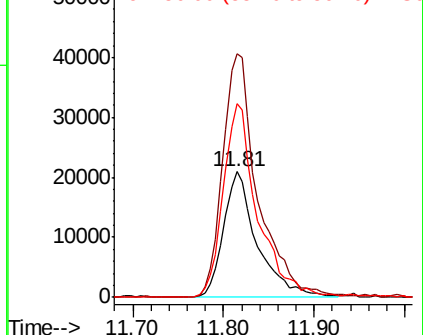
56 154.5 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.885 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

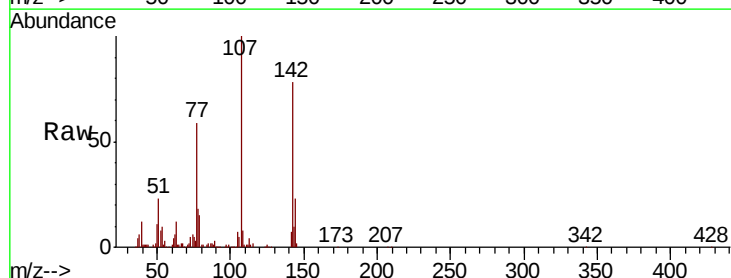
Tgt Ion:107 Resp: 167935

Ion Ratio Lower Upper

107 100

144 23.5 20.7 31.1

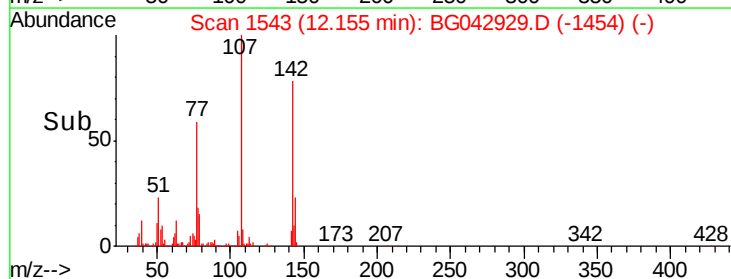
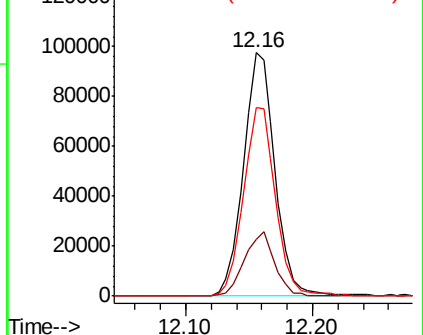
142 77.7 58.6 87.8

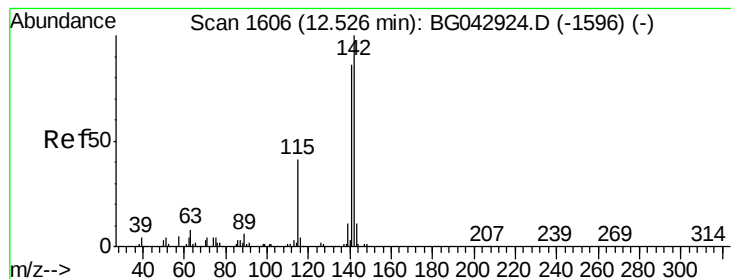


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

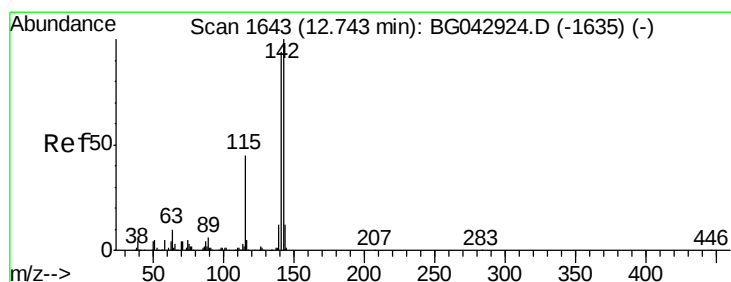
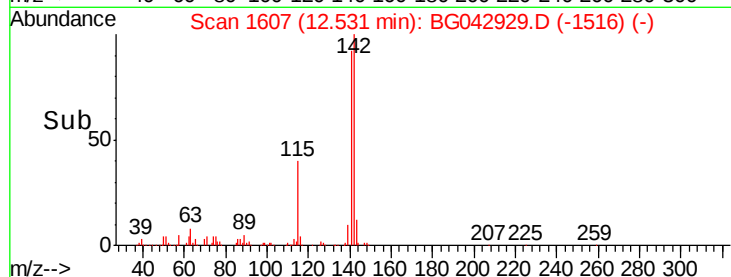
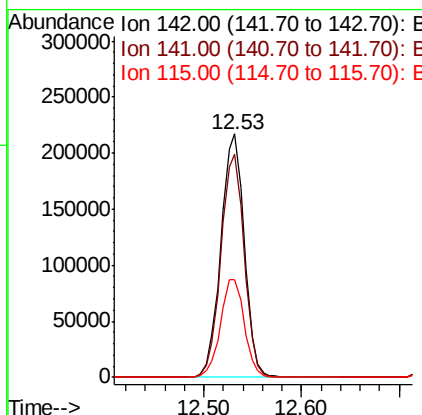
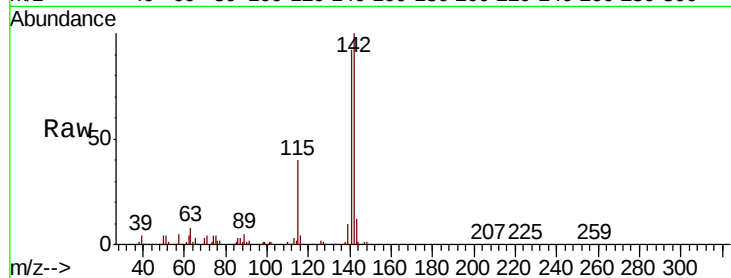




#37
 2-Methylnaphthalene
 Concen: 38.577 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

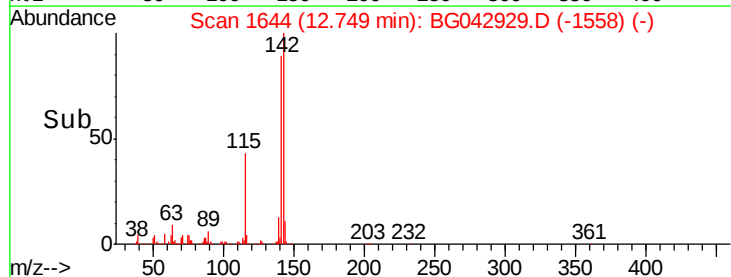
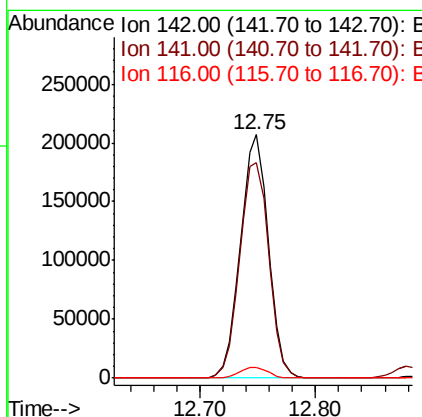
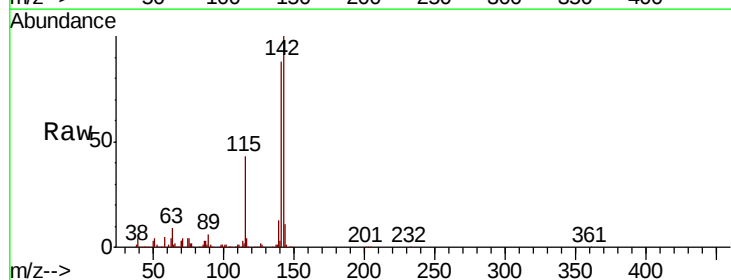
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

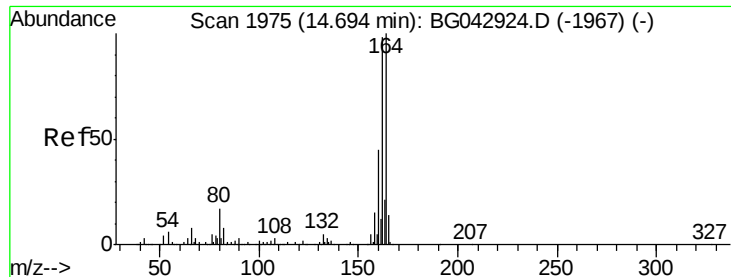
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	69.0	103.4
115	40.4	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 39.184 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.01 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.9	112.3
116	4.2	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

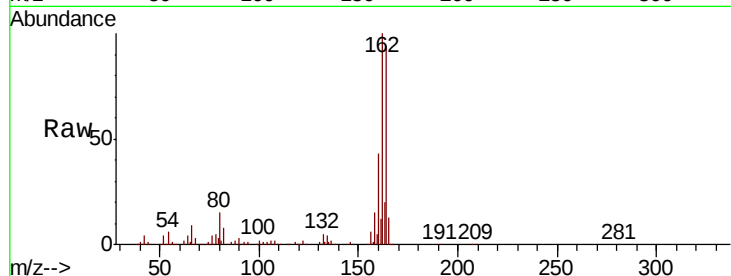
Tot Ion:164 Resp: 174531

Ion Ratio Lower Upper

164 100

162 106.9 78.5 117.7

160 45.4 35.9 53.9

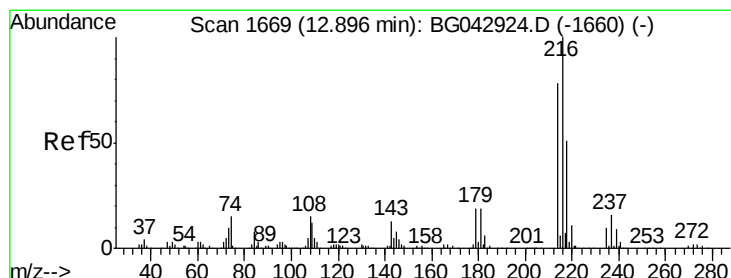
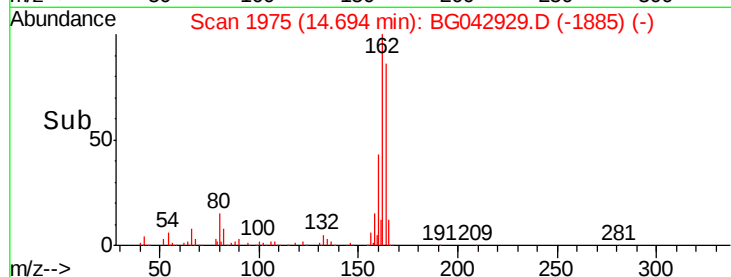
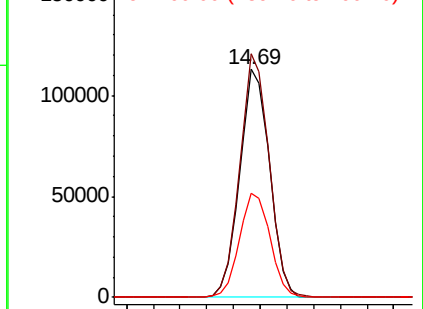


Abundance

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: 45.190 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Tgt Ion:216 Resp: 296544

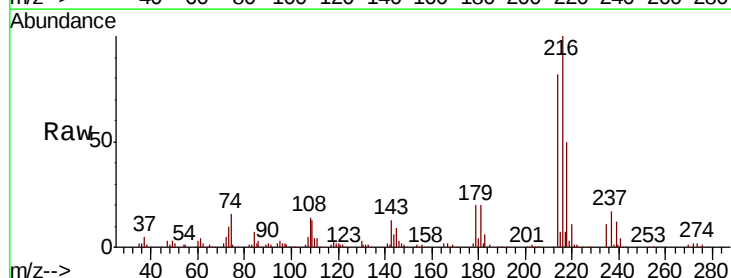
Ion Ratio Lower Upper

216 100

214 79.6 62.4 93.6

179 19.9 15.4 23.2

108 15.7 12.6 19.0



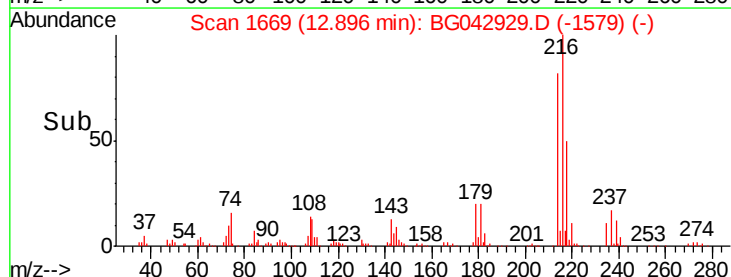
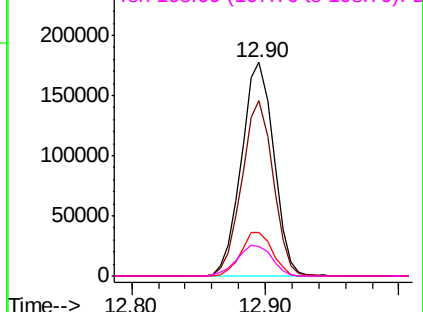
Abundance

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: 39.004 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

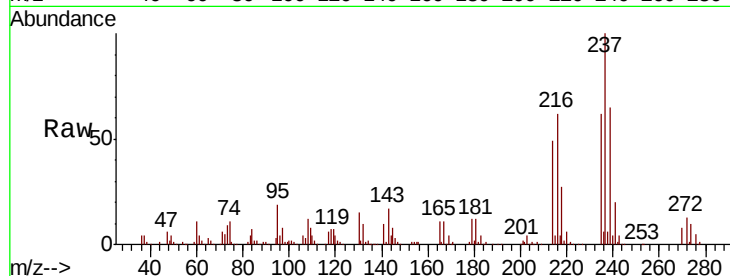
Tot Ion:237 Resp: 163080

Ion Ratio Lower Upper

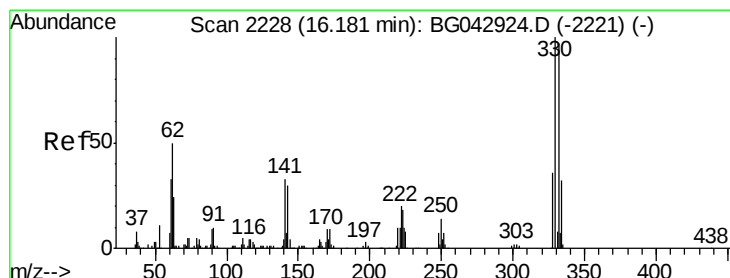
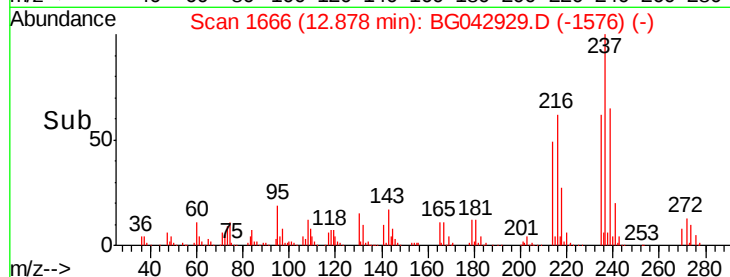
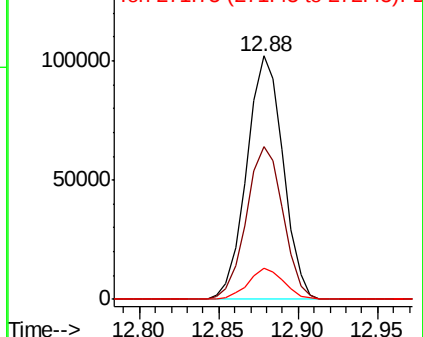
237 100

235 62.5 46.7 86.7

272 12.5 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: 77.499 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

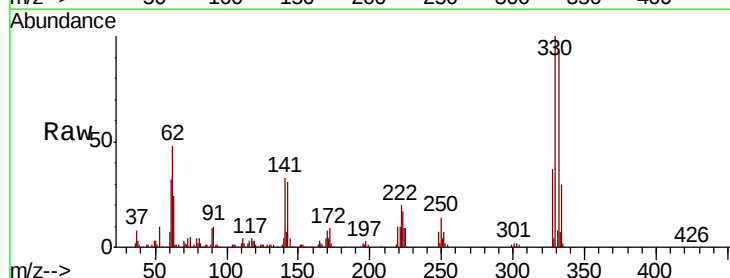
Tgt Ion:330 Resp: 232588

Ion Ratio Lower Upper

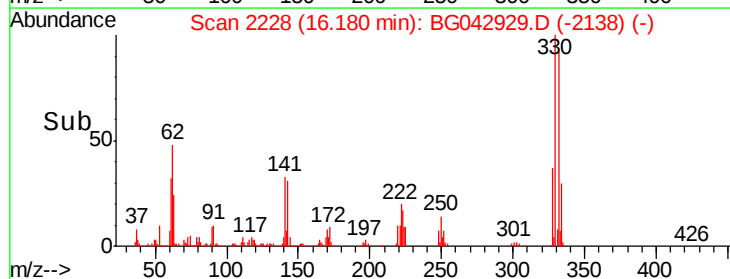
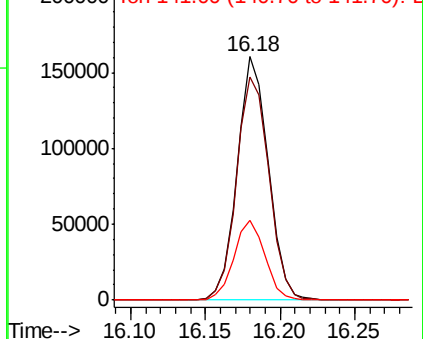
330 100

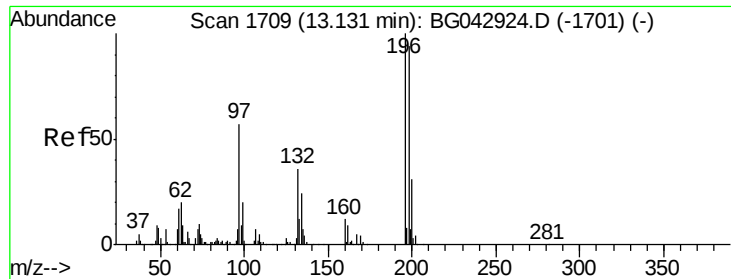
332 95.8 78.2 117.2

141 33.1 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

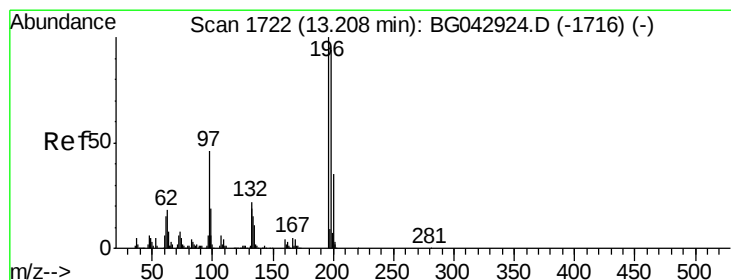
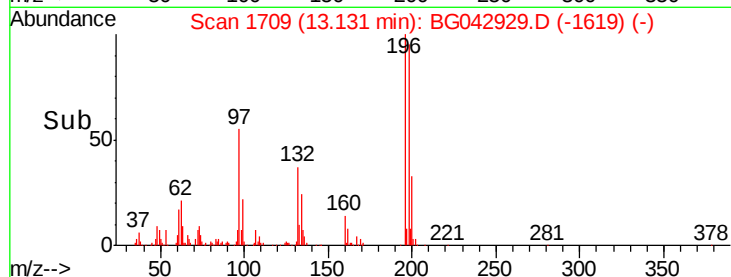
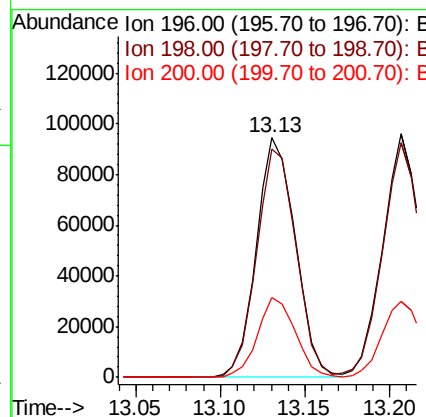
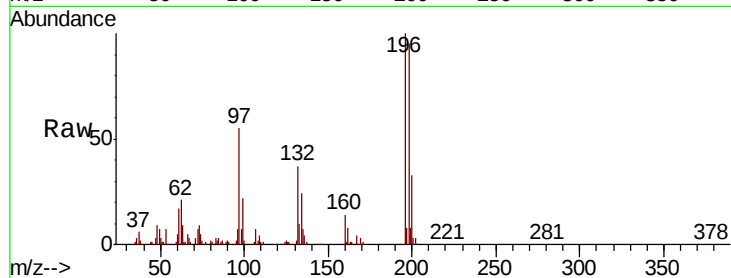




#43
 2,4,6-Trichlorophenol
 Concen: 39.678 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

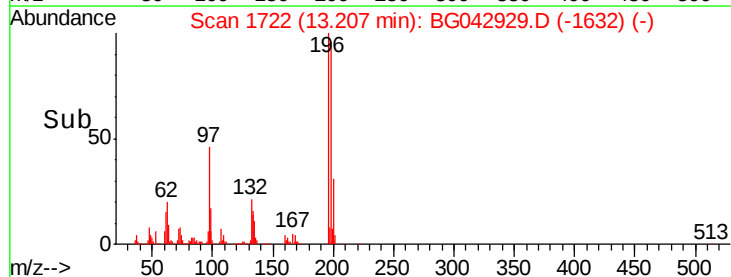
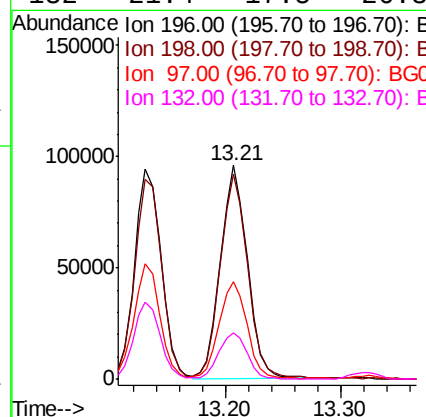
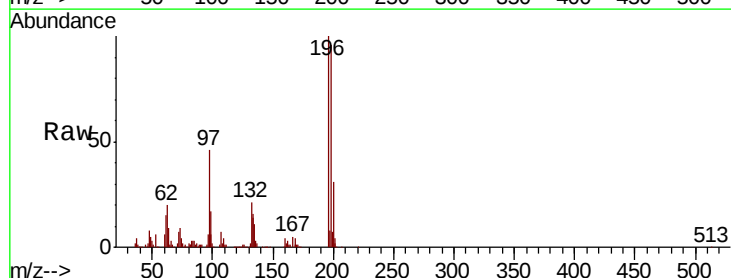
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.5	113.3
200	33.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.360 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.1	112.7
97	45.7	37.0	55.4
132	21.4	17.5	26.3

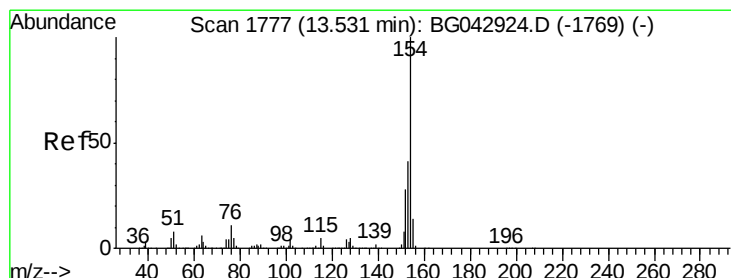
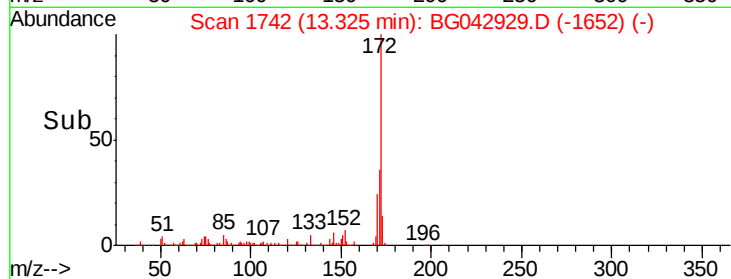
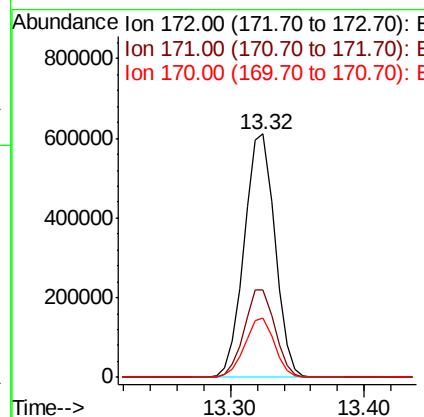
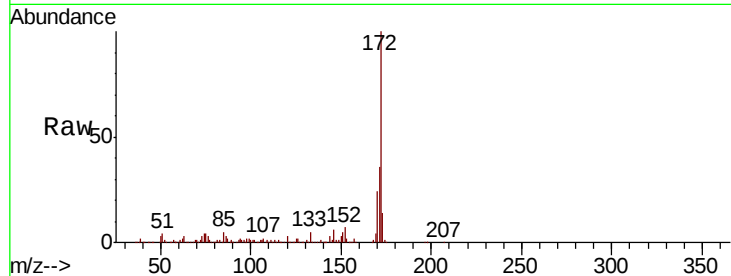




#45
 2-Fluorobiphenyl
 Concen: 80.622 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

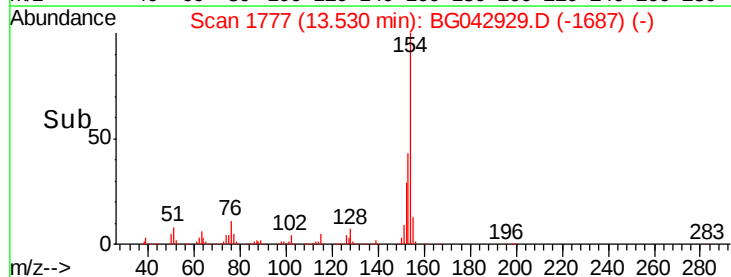
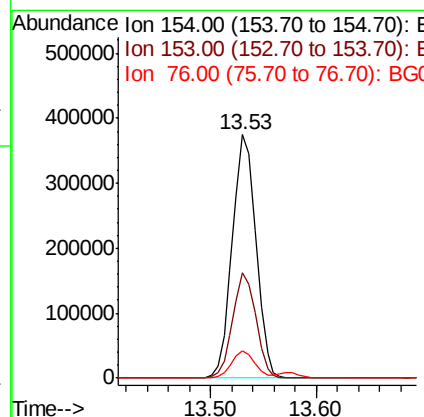
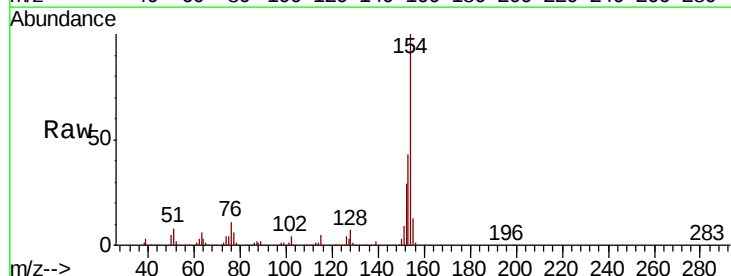
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

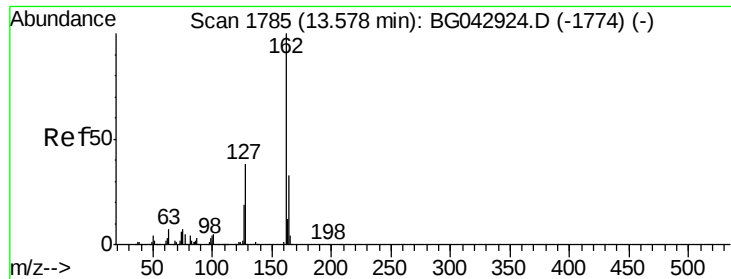
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 43.950 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.4	61.4
76	11.0	0.0	31.3

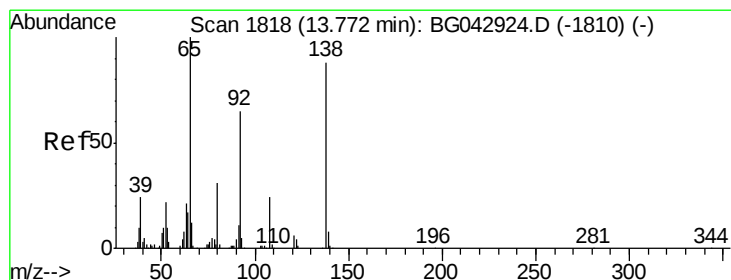
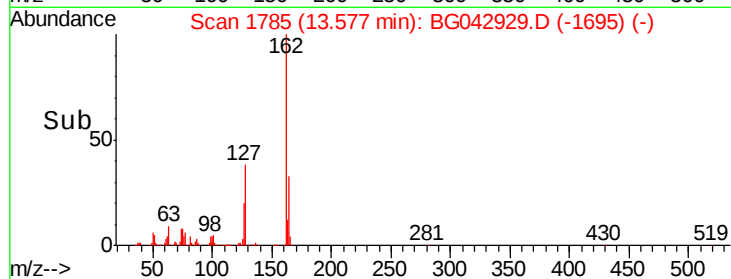
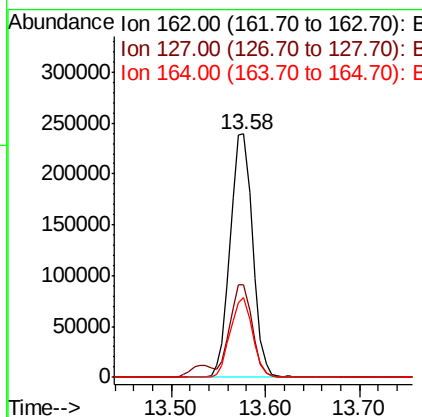
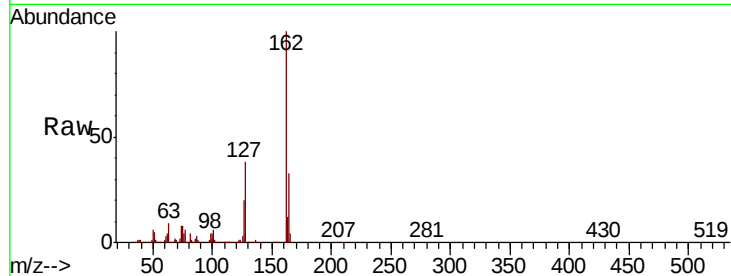




#47
 2-Chloronaphthalene
 Concen: 40.100 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

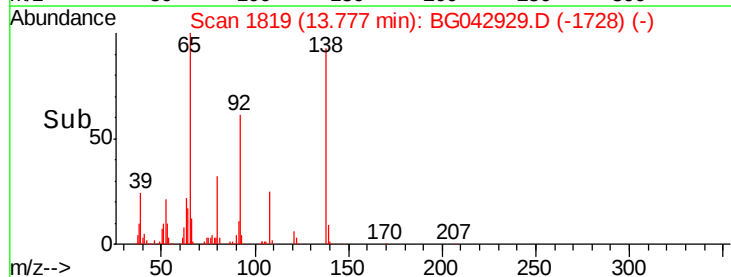
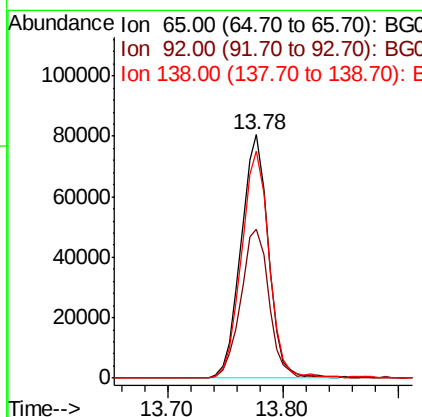
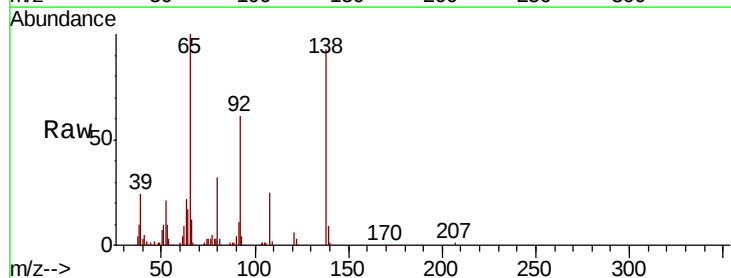
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.0	46.6
164	32.5	26.2	39.2



#48
 2-Nitroaniline
 Concen: 40.278 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	52.0	78.0
138	93.3	70.4	105.6





#49

Acenaphthylene

Concen: 39.793 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

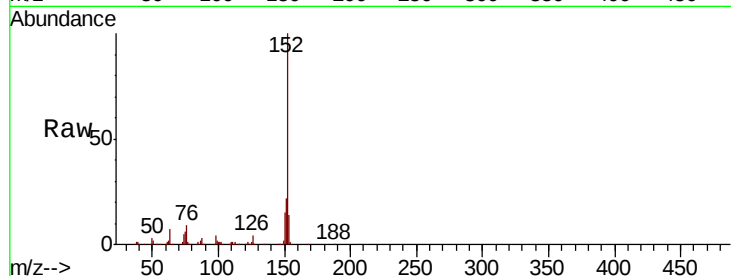
Tot Ion:152 Resp: 604223

Ion Ratio Lower Upper

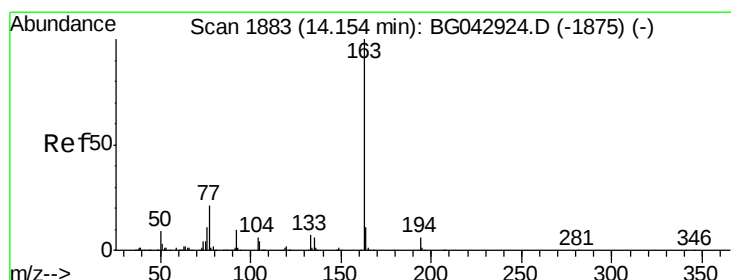
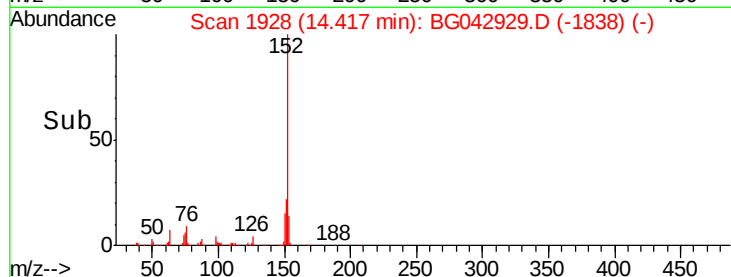
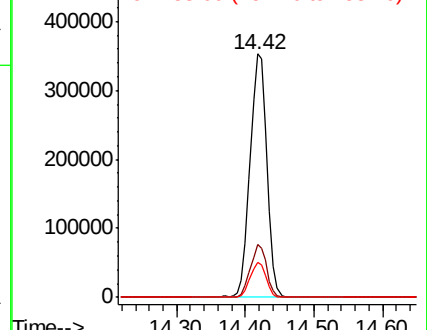
152 100

151 21.6 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: 39.565 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

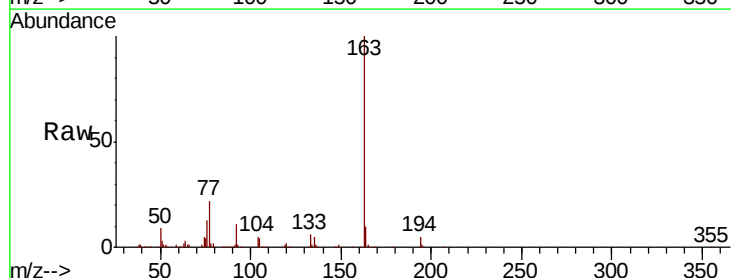
Tgt Ion:163 Resp: 517391

Ion Ratio Lower Upper

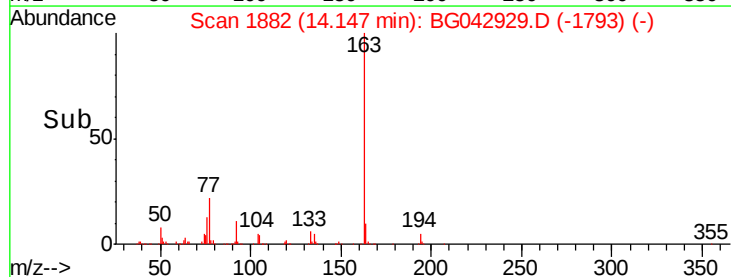
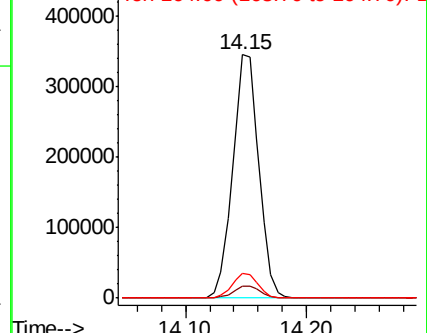
163 100

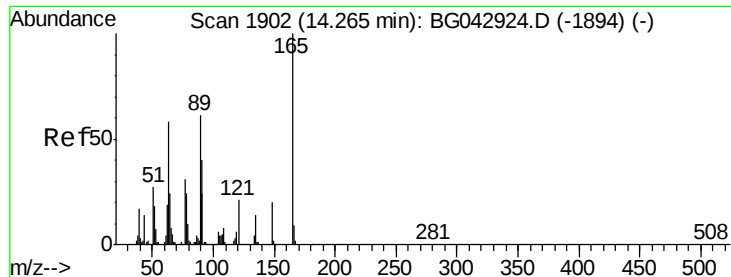
194 4.7 4.4 6.6

164 10.3 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

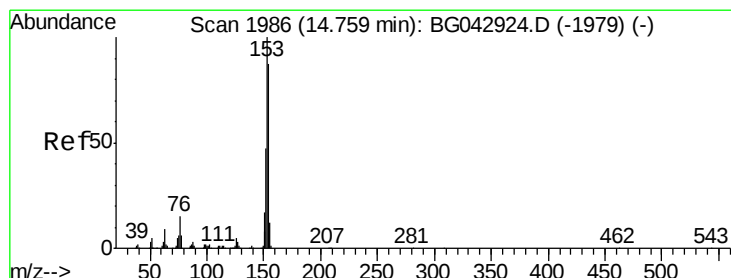
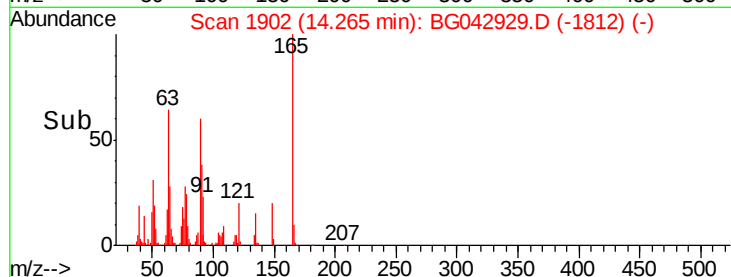
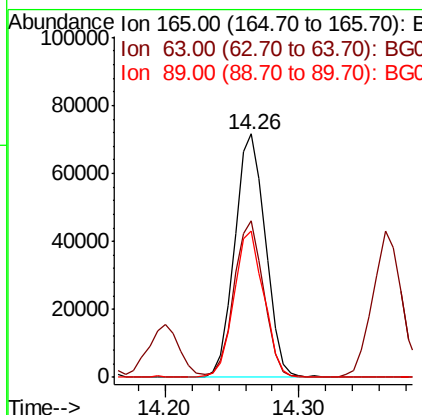
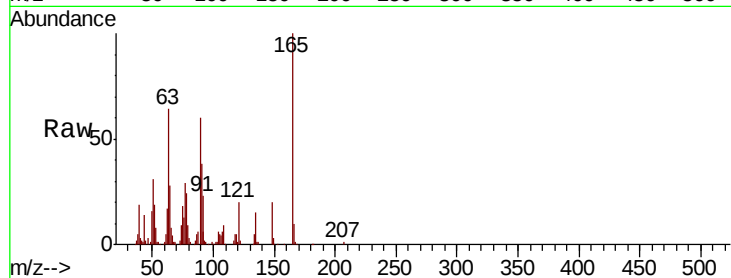




#51
 2,6-Dinitrotoluene
 Concen: 40.935 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

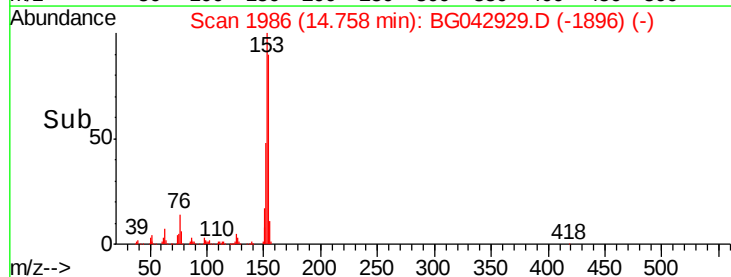
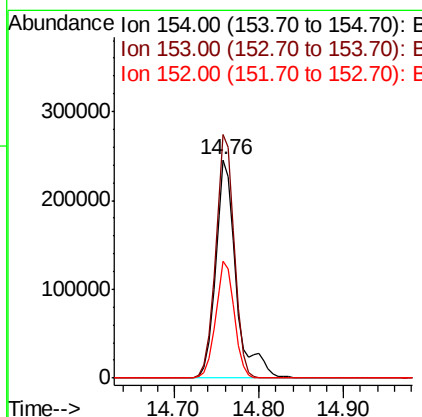
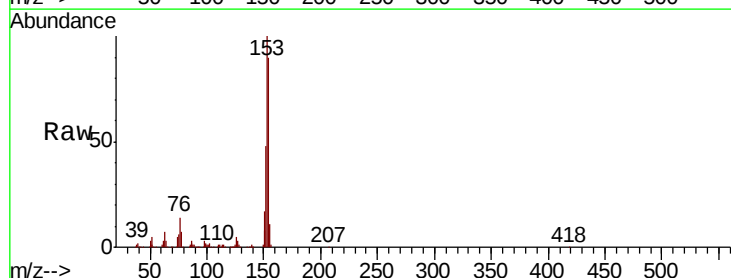
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

Tot Ion	165	Resp	113998
Ion Ratio	Lower	Upper	
165	100		
63	64.5	50.3	75.5
89	60.1	48.9	73.3



#52
 Acenaphthene
 Concen: 41.337 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	154	Resp	420123
Ion Ratio	Lower	Upper	
154	100		
153	111.4	91.4	137.0
152	53.5	42.8	64.2





#53

3-Nitroaniline

Concen: 39.093 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

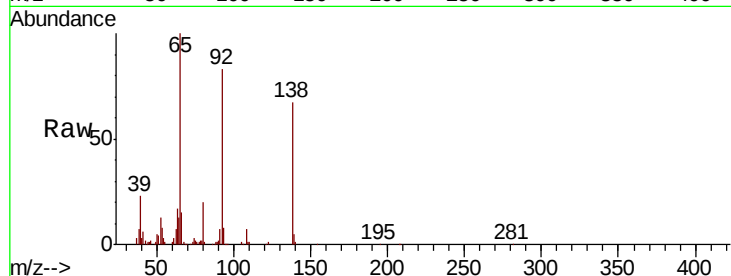
Tot Ion:138 Resp: 112508

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

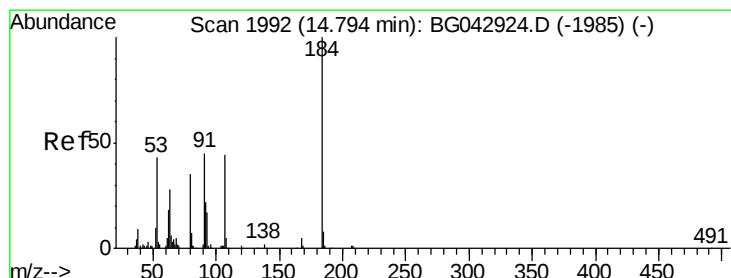
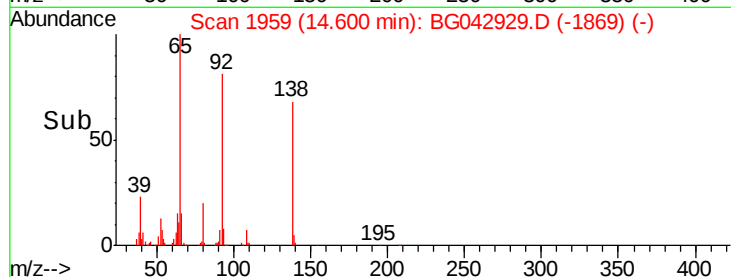
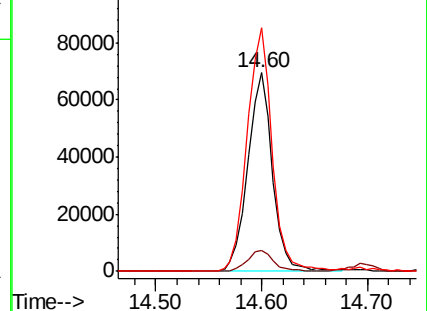
92 122.8 97.0 145.6



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: 40.065 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

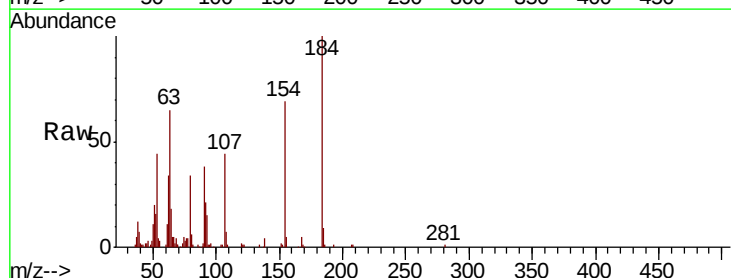
Tgt Ion:184 Resp: 69352

Ion Ratio Lower Upper

184 100

63 65.3 55.0 82.6

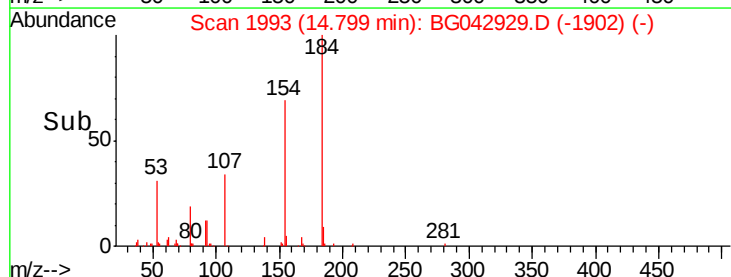
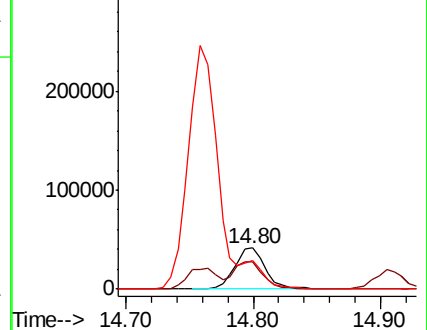
154 68.7 56.5 84.7

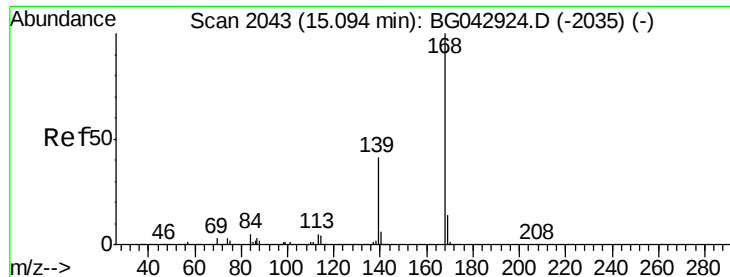


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.366 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

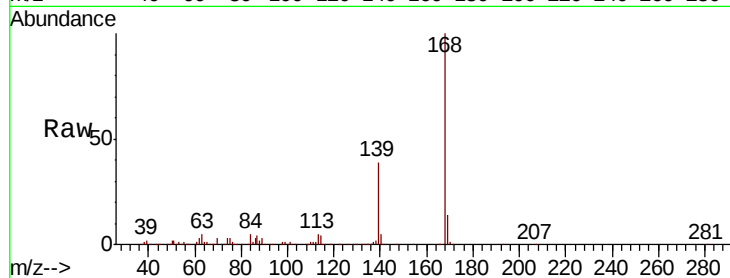
Tot Ion:168 Resp: 591847

Ion Ratio Lower Upper

168 100

139 38.5 32.6 48.8

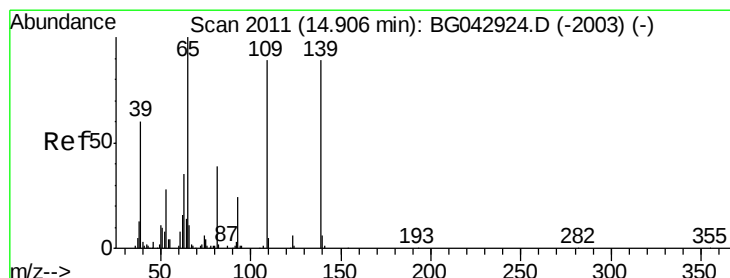
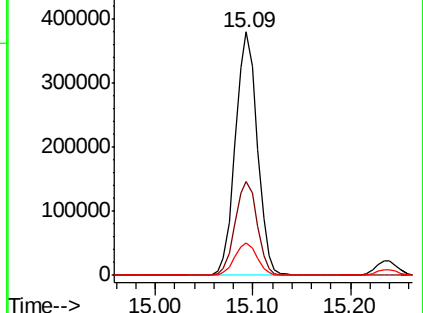
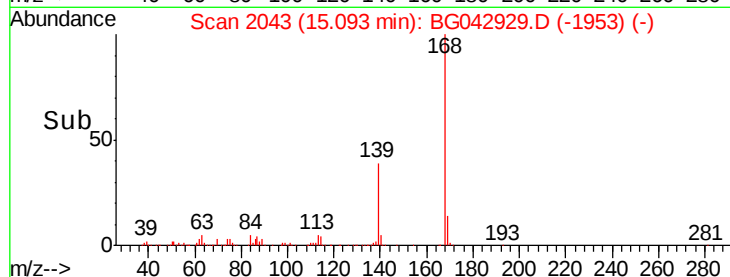
169 13.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.746 ng

RT: 14.91 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

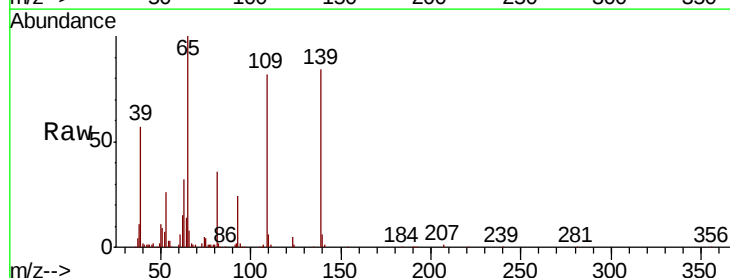
Tgt Ion:139 Resp: 87156

Ion Ratio Lower Upper

139 100

109 97.9 79.4 119.4

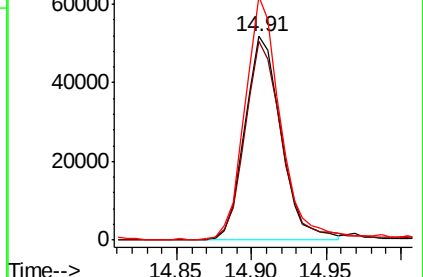
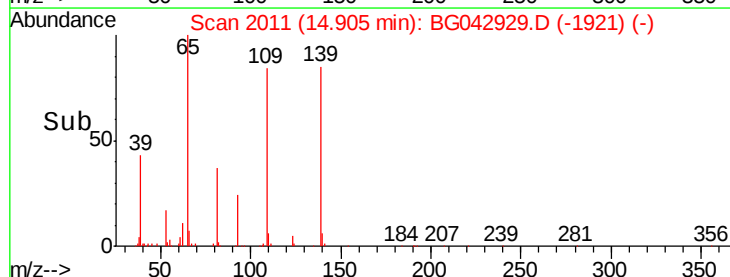
65 119.6 92.5 132.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

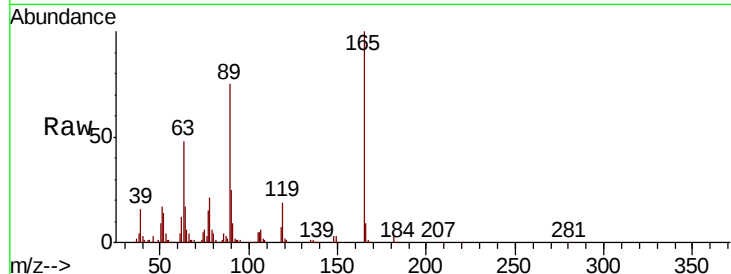




#57
2,4-Dinitrotoluene
Concen: 39.093 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	36.5	54.7
89	74.6	55.5	83.3
182	2.8	2.4	3.6



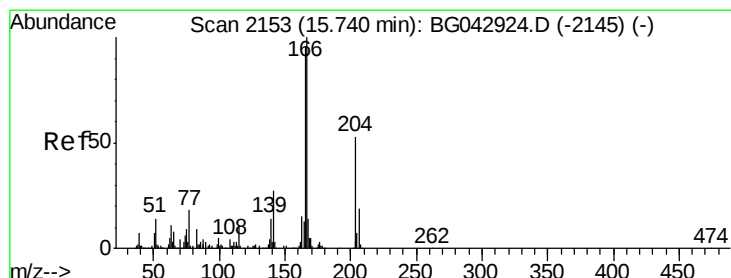
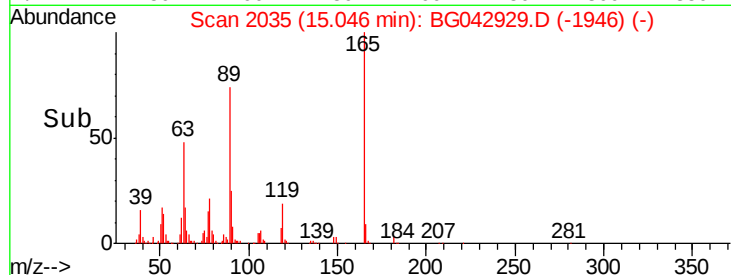
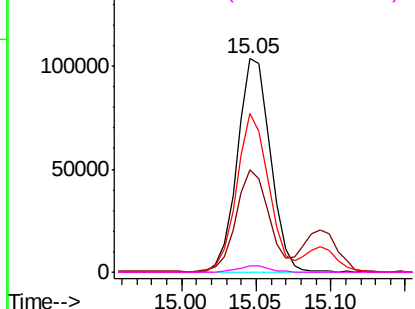
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

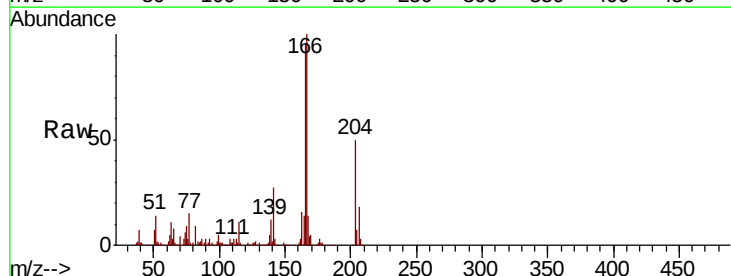
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.261 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.1	115.7
167	13.6	11.0	16.6

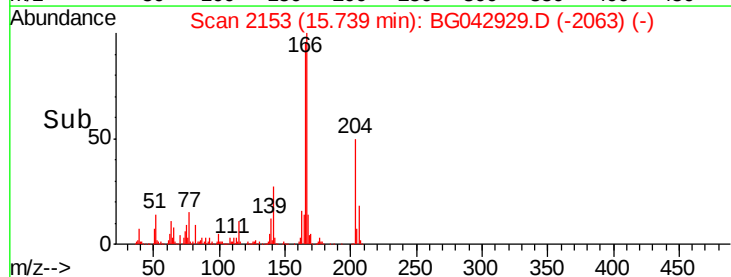
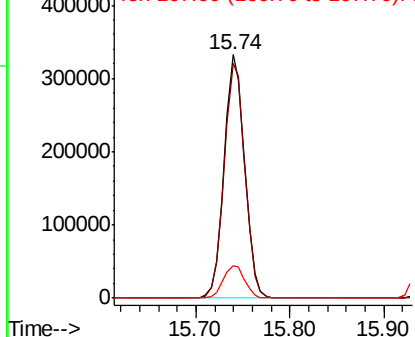


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

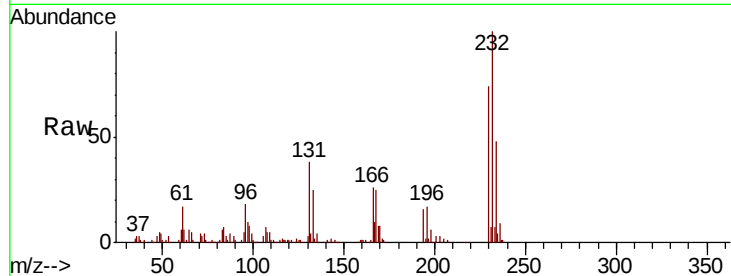




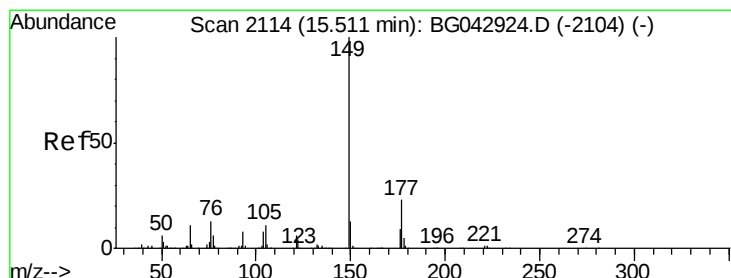
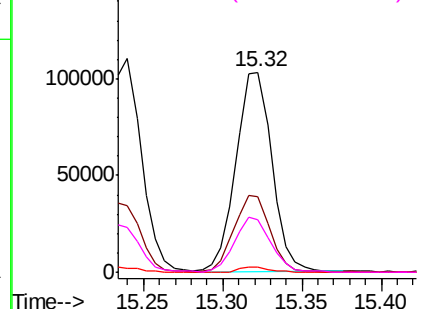
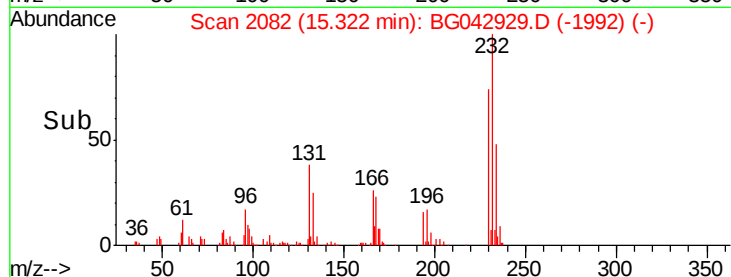
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.553 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

Tot Ion:232	Resp:	162420
Ion Ratio	Lower	Upper
232	100	
131	38.3	29.6 44.4
130	2.1	1.9 2.9
166	27.6	21.8 32.8

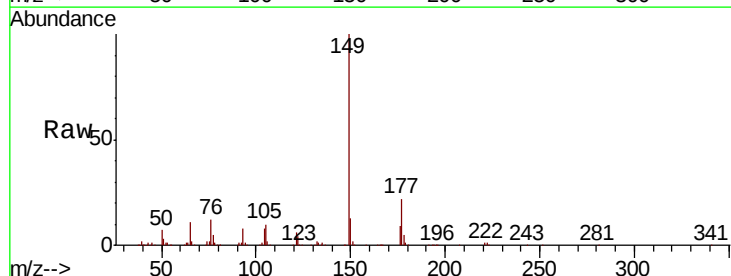


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

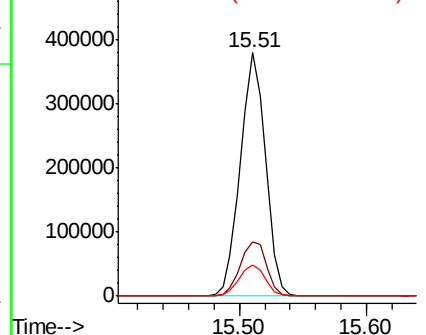
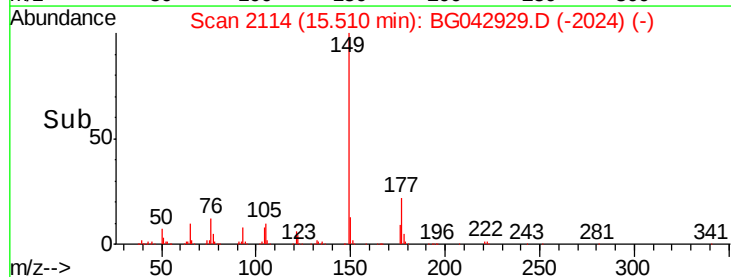


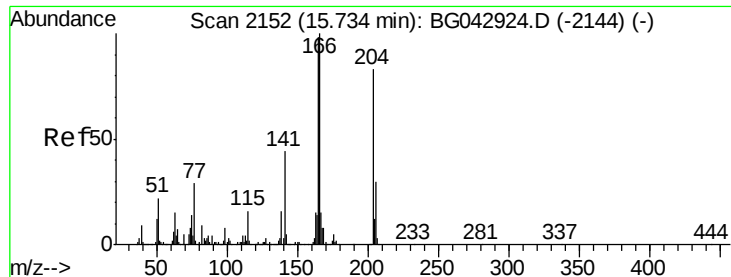
#60
 Diethylphthalate
 Concen: 39.218 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion:149	Resp:	521931
Ion Ratio	Lower	Upper
149	100	
177	22.5	18.8 28.2
150	12.6	10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

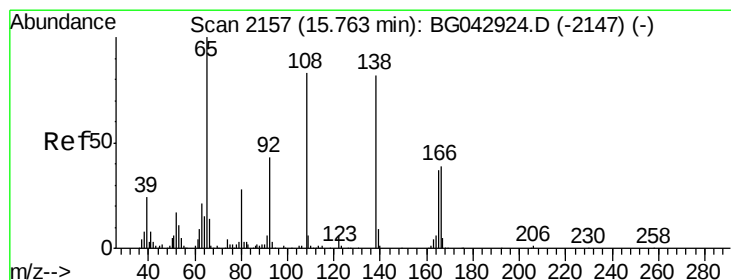
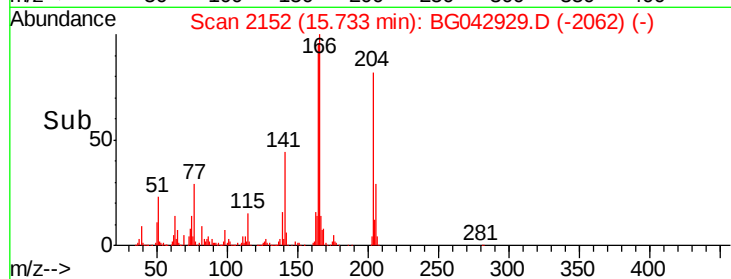
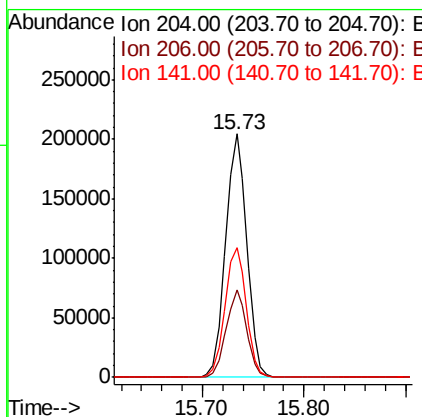
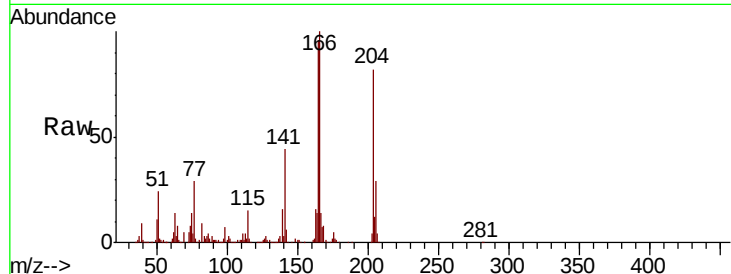




#61
4-Chlorophenyl-phenylether
Concen: 38.365 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

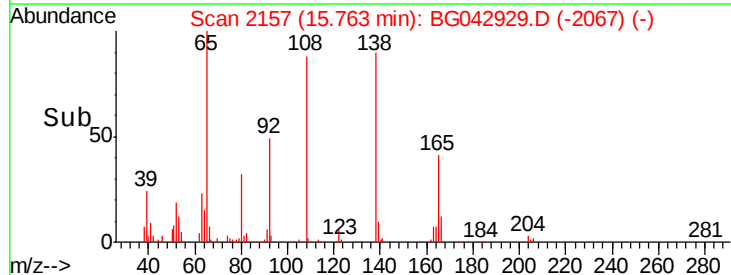
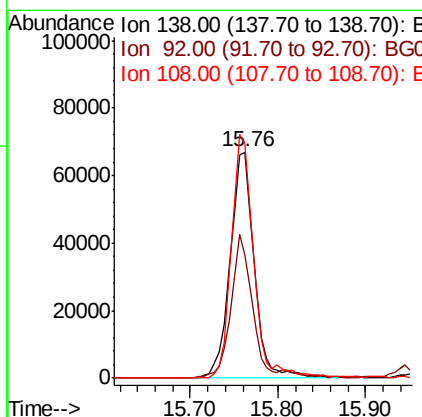
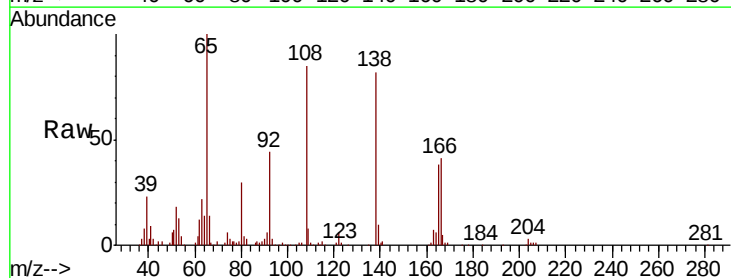
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

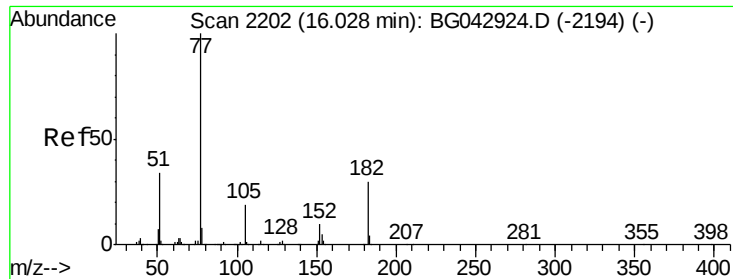
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.5	42.7
141	53.5	42.4	63.6



#62
4-Nitroaniline
Concen: 40.018 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	32.9	72.9
108	103.9	81.3	121.3





#63

Azobenzene

Concen: 39.292 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

Tot Ion: 77 Resp: 476078

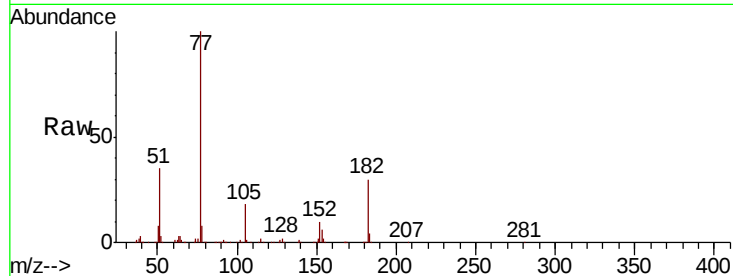
Ion Ratio Lower Upper

77 100

182 29.7 10.2 50.2

105 18.2 0.0 39.1

51 34.8 13.9 53.9

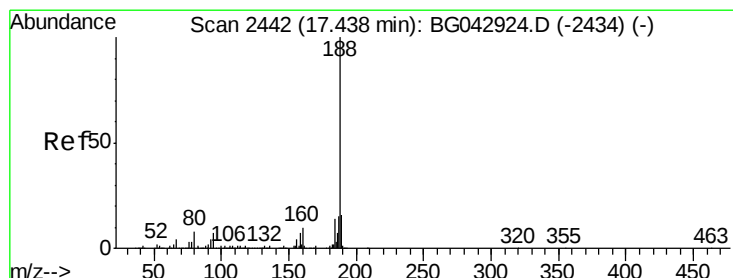
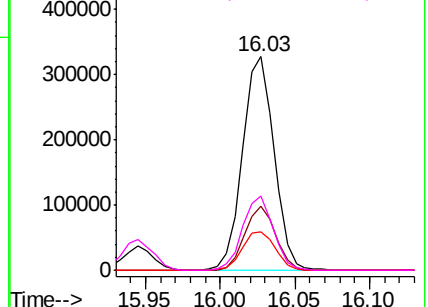
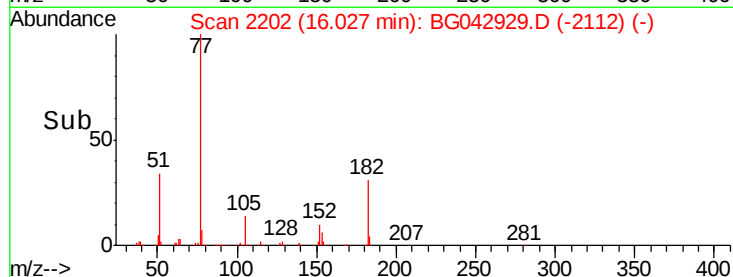


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

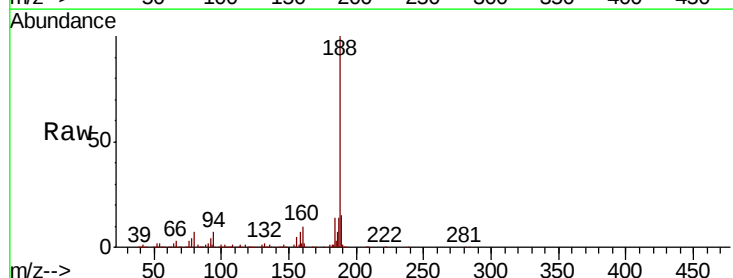
Tgt Ion: 188 Resp: 422185

Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

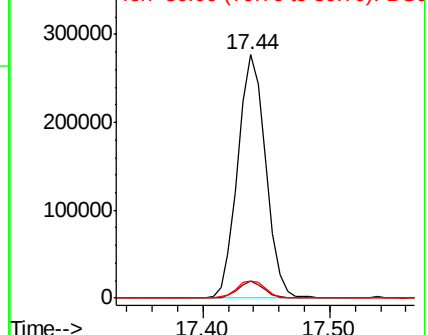
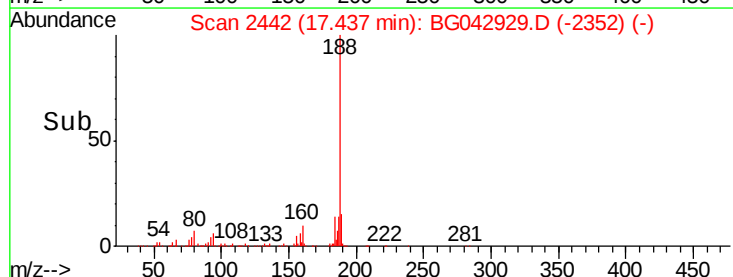
80 6.8 6.5 9.7

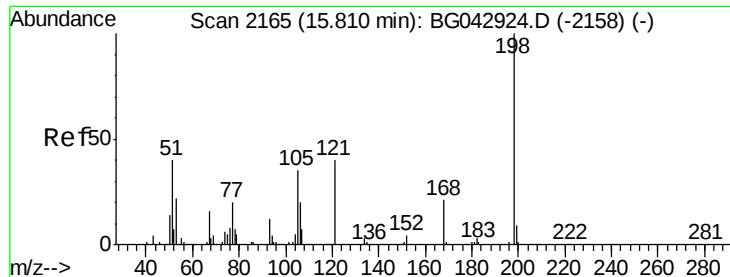


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

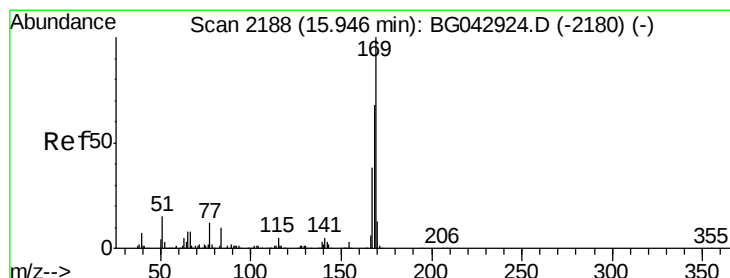
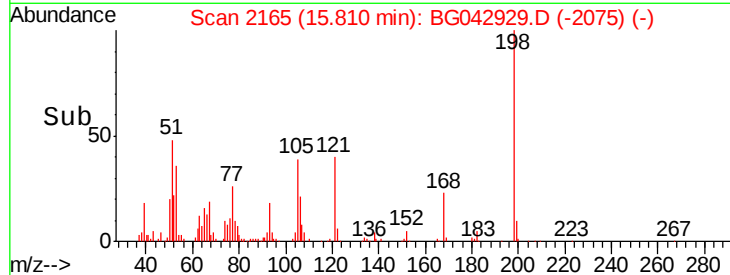
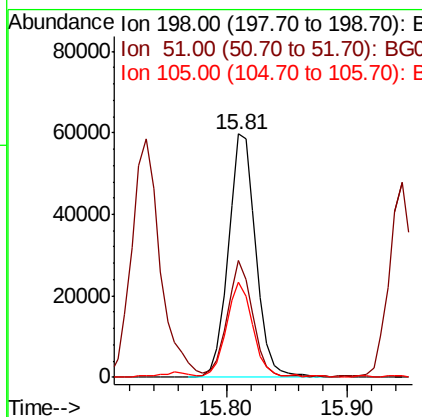
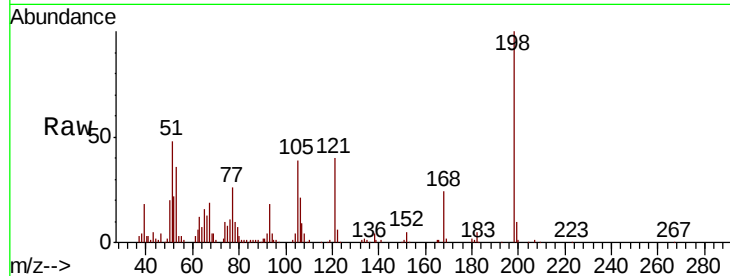




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.413 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

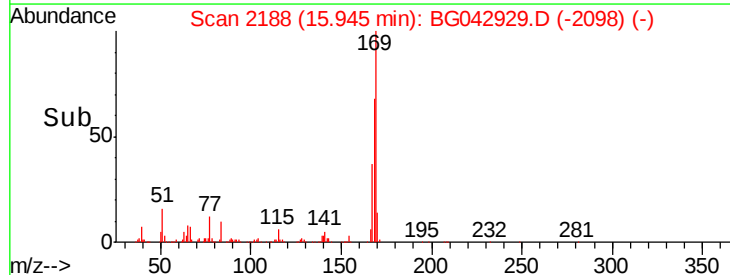
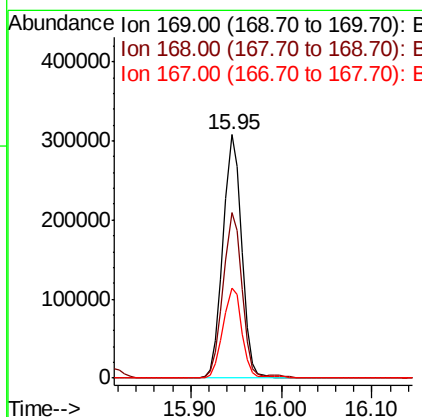
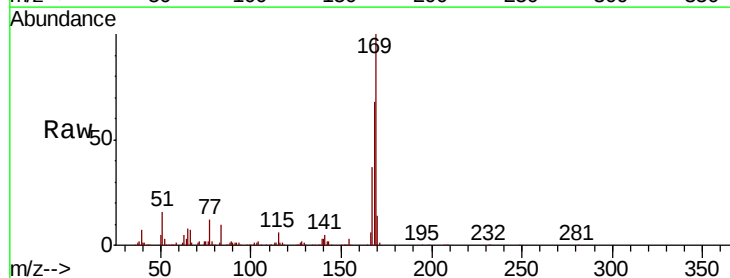
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.0	25.3	65.3
105	39.3	16.6	56.6



#66
 n-Nitrosodiphenylamine
 Concen: 39.413 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.8	82.2
167	37.1	30.6	46.0

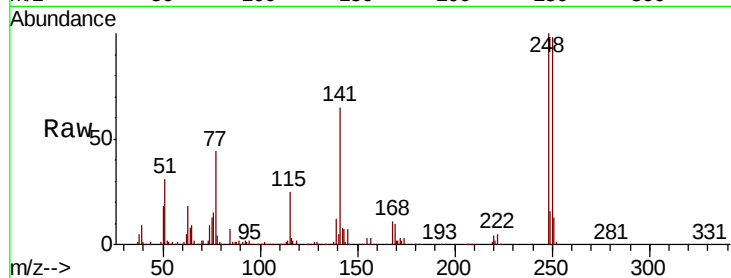




#67
4-Bromophenyl-phenylether
Concen: 39.223 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.8	113.8
141	64.9	51.1	76.7

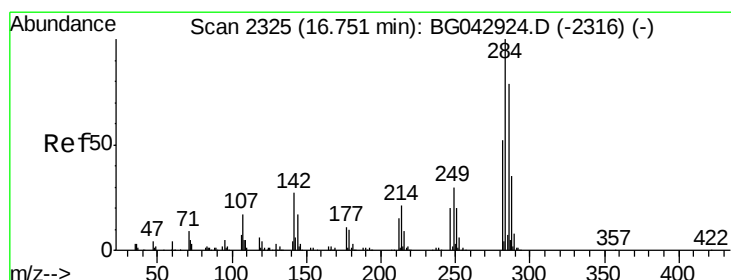
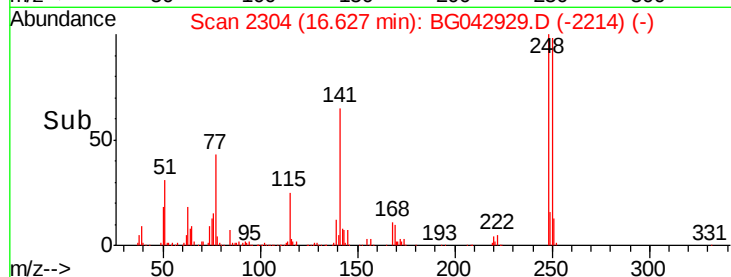
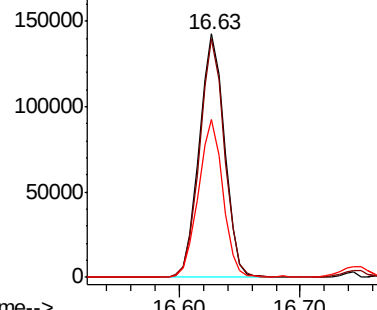


Abundance

Ion 248.00 (247.70 to 248.70): E

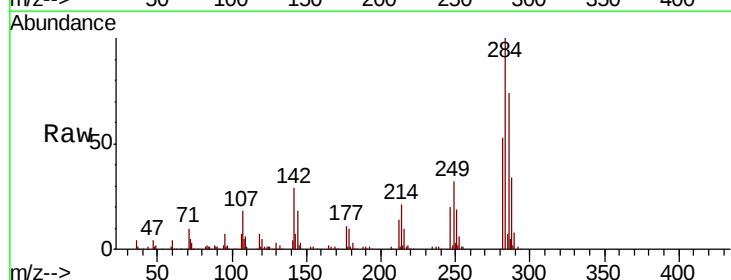
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.519 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	21.6	32.4
249	32.2	24.1	36.1

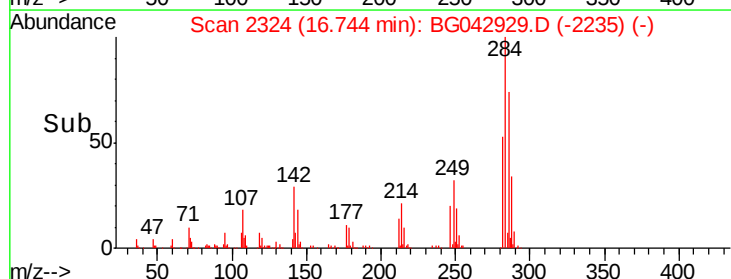
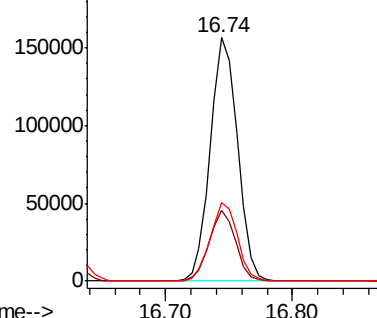


Abundance

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

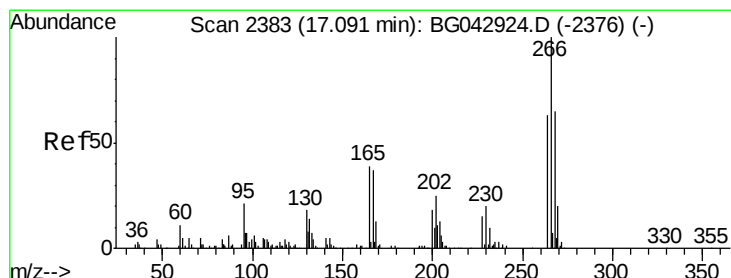
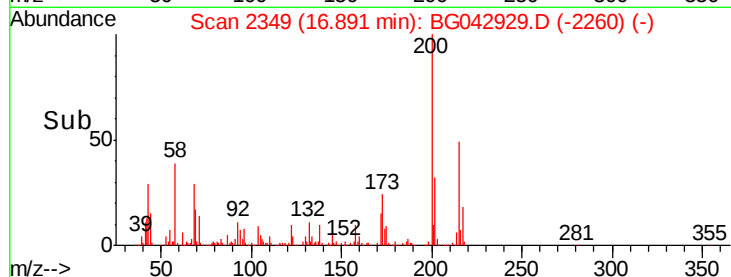
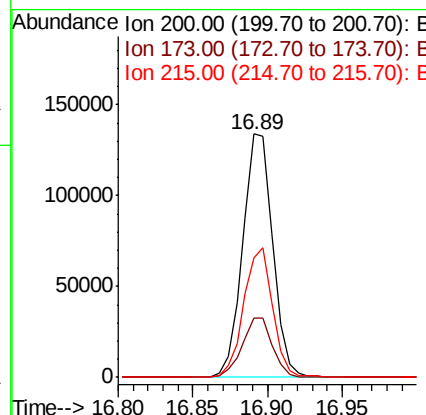
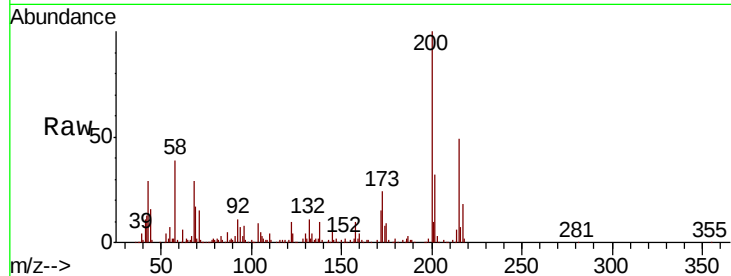




#69
Atrazine
Concen: 39.839 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

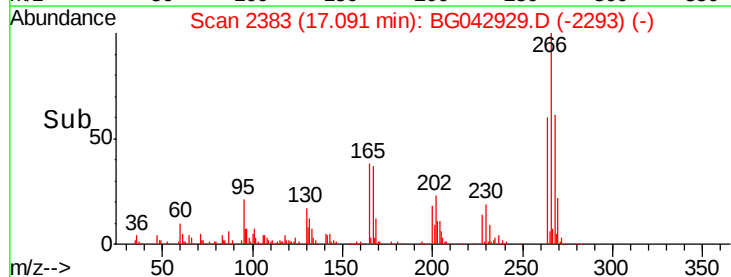
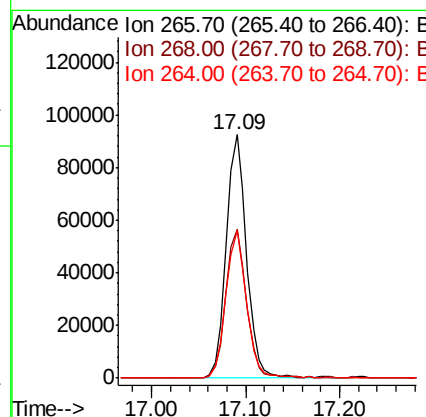
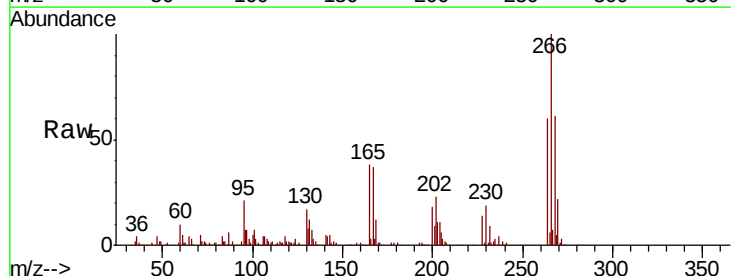
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.0	44.0
215	48.9	27.4	67.4



#70
Pentachlorophenol
Concen: 41.156 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	52.2	78.2
264	60.5	50.7	76.1

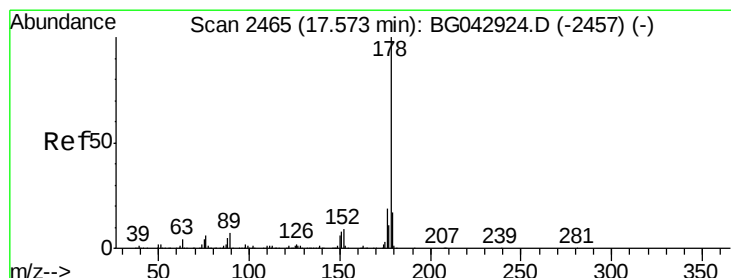
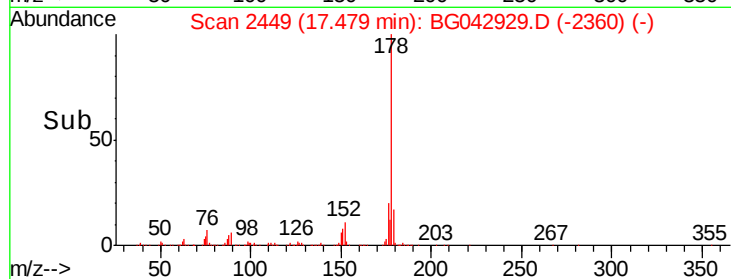
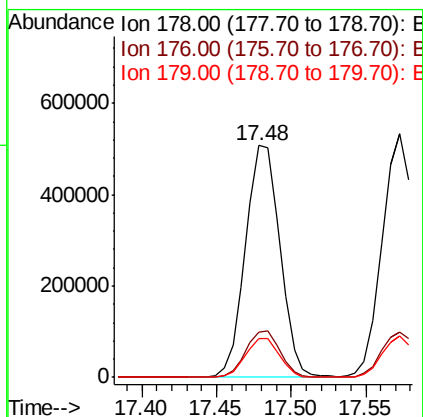
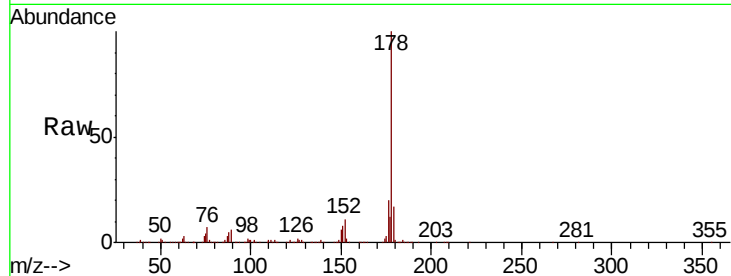




#71
Phenanthrene
Concen: 39.424 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

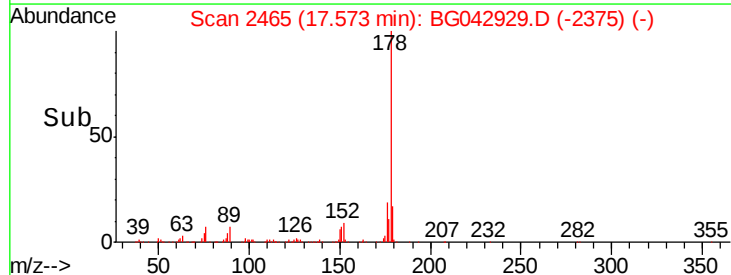
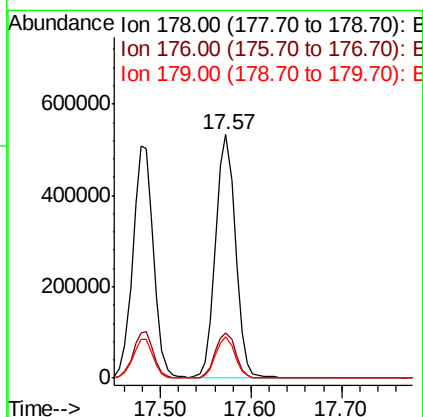
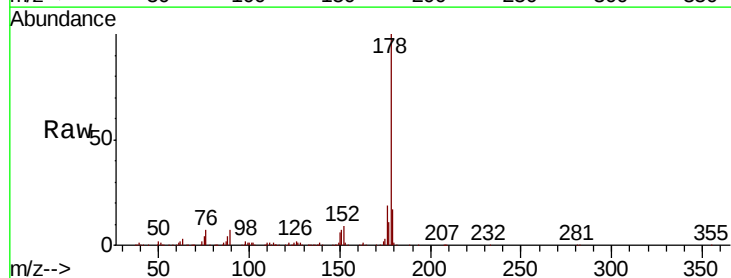
Instrument :
BNA_G
ClientSampleId :
ICVBG092519

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	16.9	14.1	21.1



#72
Anthracene
Concen: 39.366 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG042929.D
Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.7	13.5	20.3

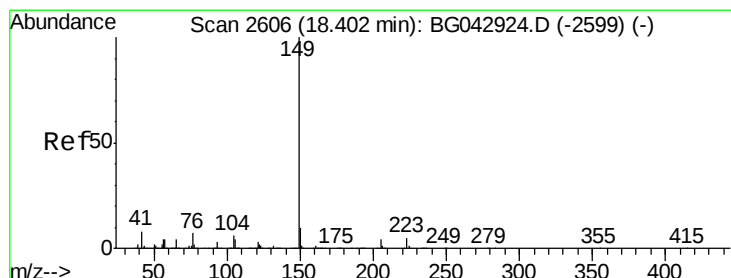
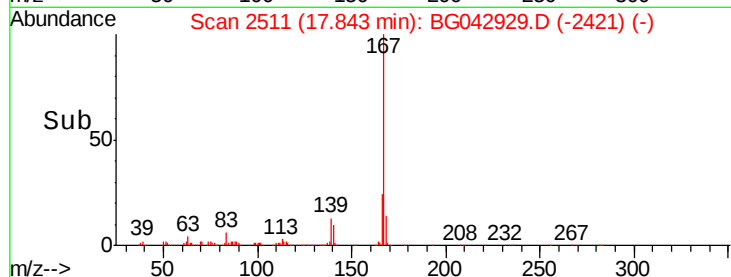
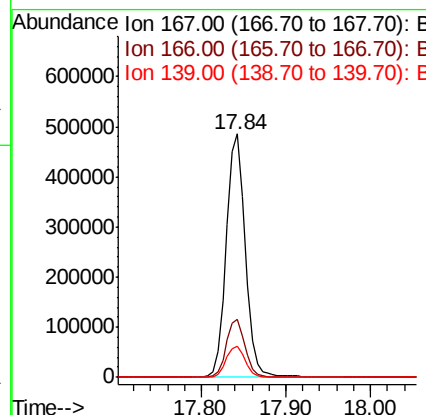
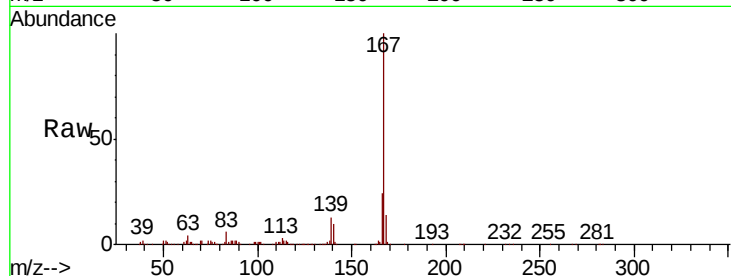




#73
 Carbazole
 Concen: 39.912 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

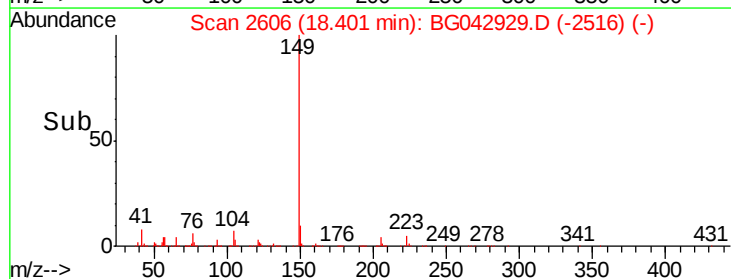
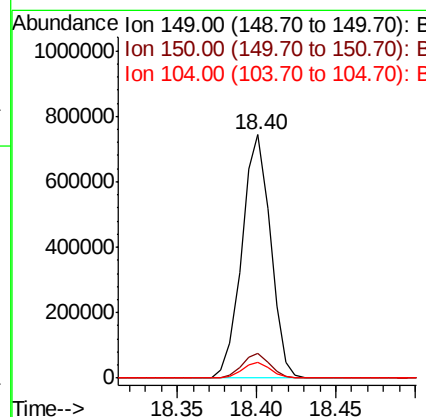
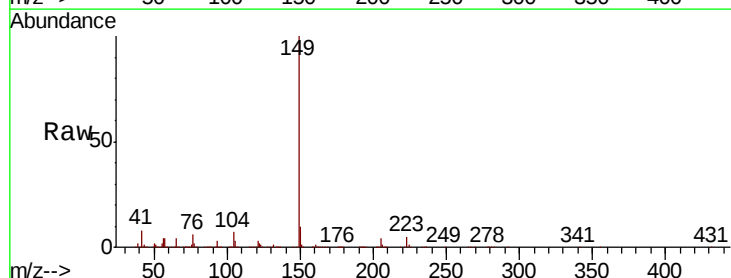
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092519

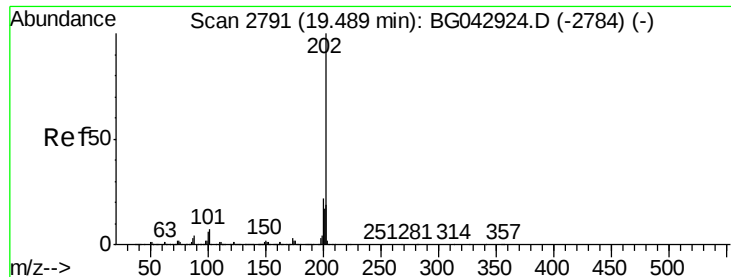
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	28.0
139	12.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.877 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG042929.D
 Acq: 25 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.5	5.0	7.6





#75

Fluoranthene

Concen: 40.599 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

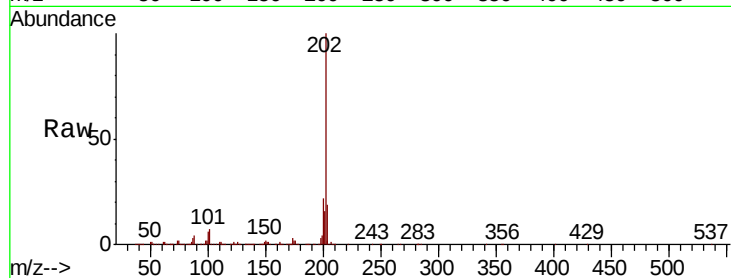
BNA_G

ClientSampleId :

ICVBG092519

Tot Ion:202 Resp: 1106807

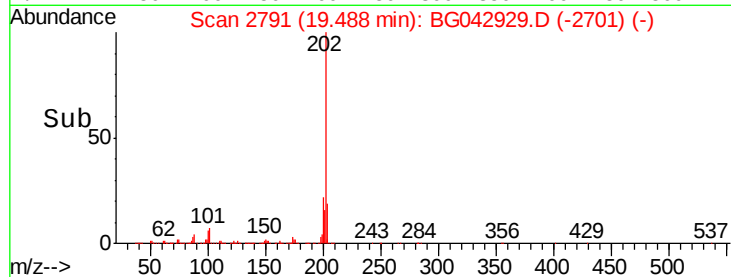
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.3
203	18.9	0.0	39.5



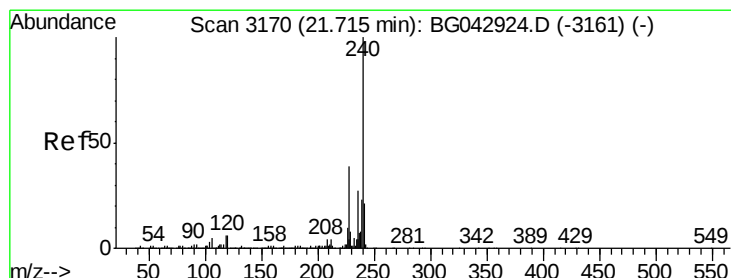
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

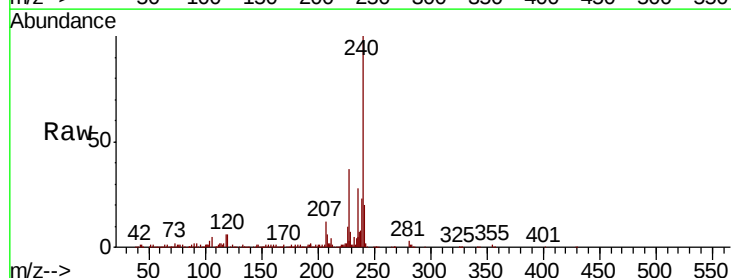
Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Tgt Ion:240 Resp: 479171

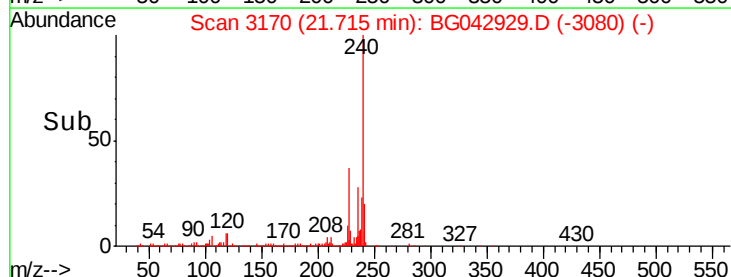
Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.8	7.2
236	27.7	21.4	32.0



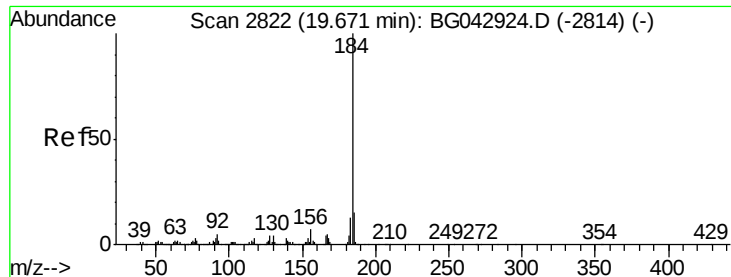
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80



#77

Benzidine

Concen: 37.390 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

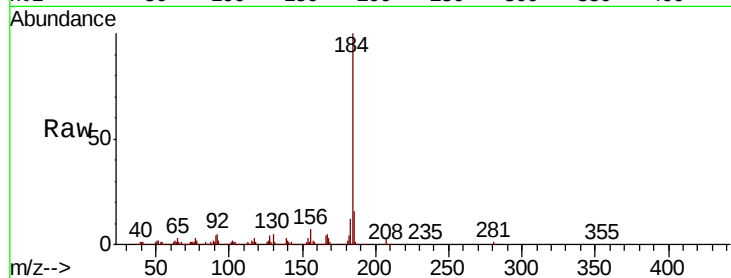
BNA_G

ClientSampleId :

ICVBG092519

Tot Ion:184 Resp: 448598

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.8	17.8
183	12.0	10.1	15.1

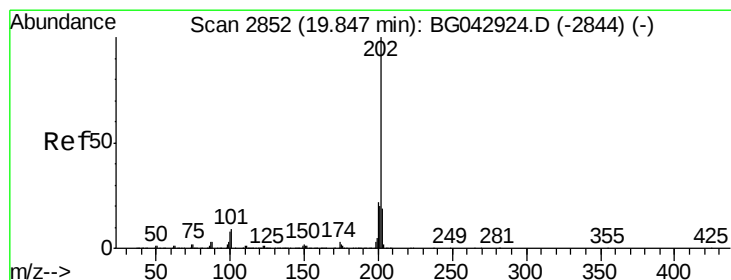
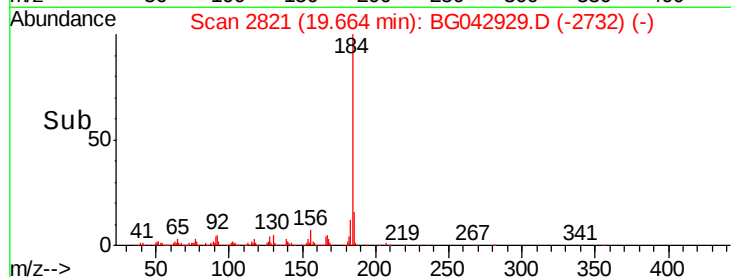
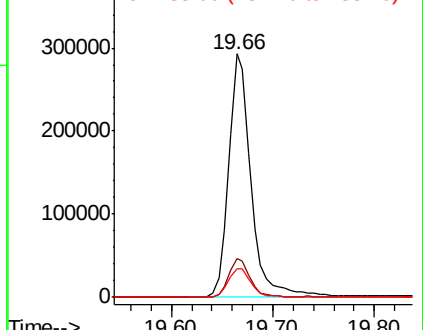


Abundance

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: 39.491 ng

RT: 19.85 min Scan# 2852

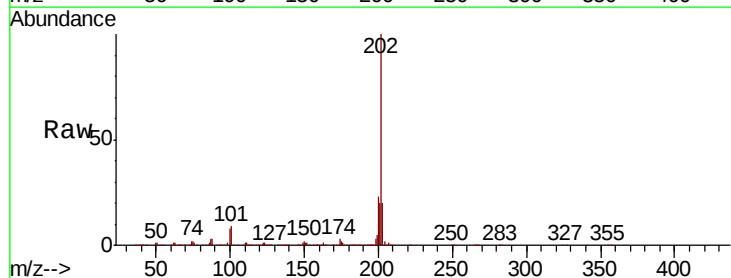
Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Tgt Ion:202 Resp: 1129424

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.6	26.4
203	19.8	15.2	22.8

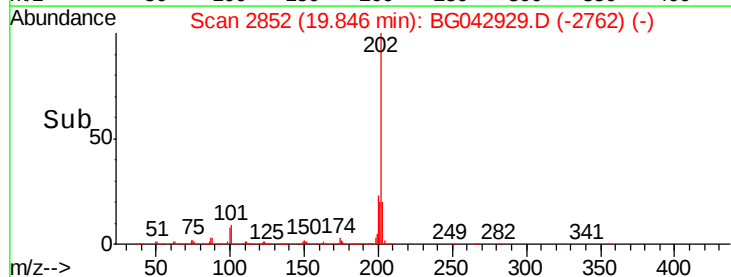
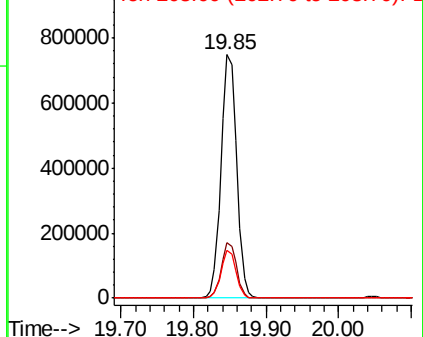


Abundance

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: 84.670 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

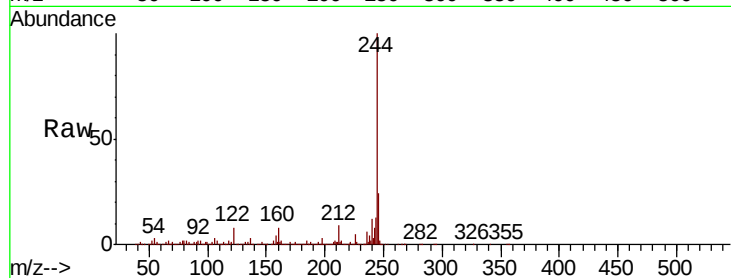
Tot Ion:244 Resp: 1903975

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

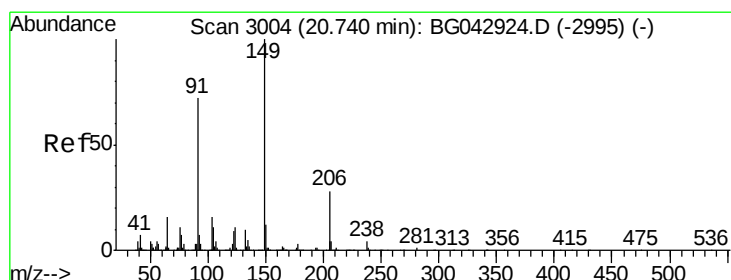
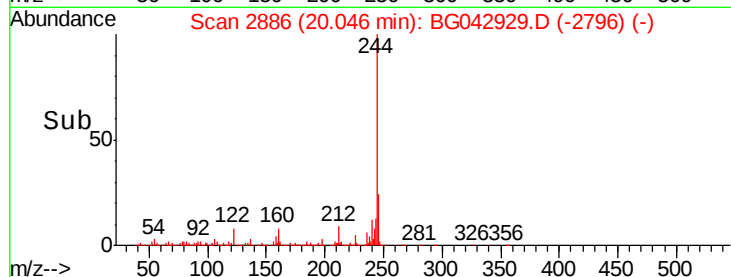
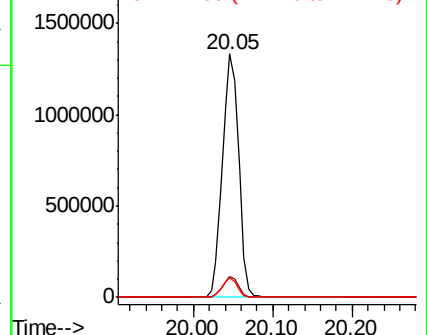
122 8.2 7.0 10.4



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: 40.310 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

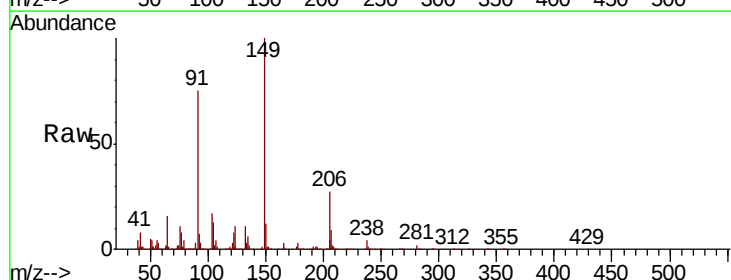
Tgt Ion:149 Resp: 437604

Ion Ratio Lower Upper

149 100

91 74.9 57.7 86.5

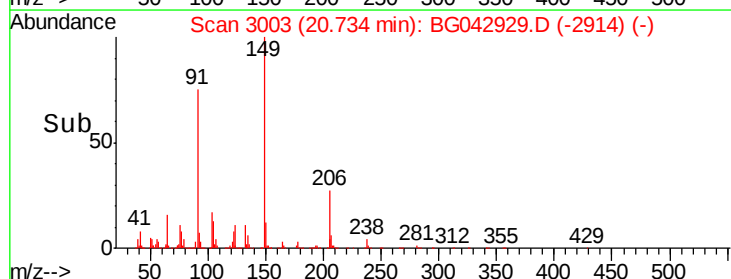
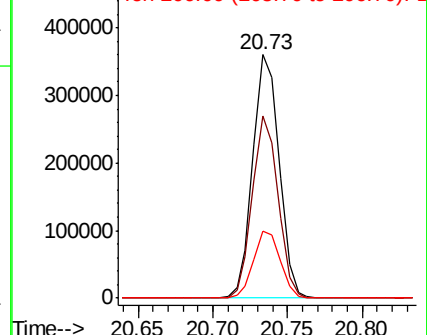
206 27.3 22.6 33.8

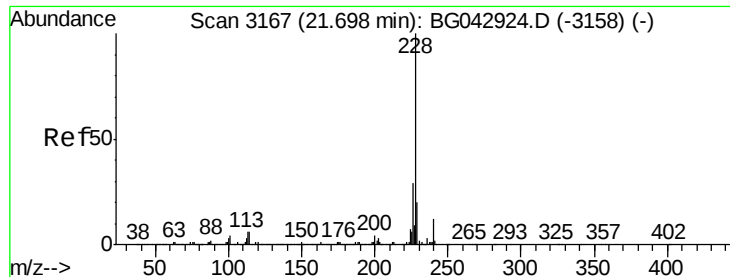


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.888 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

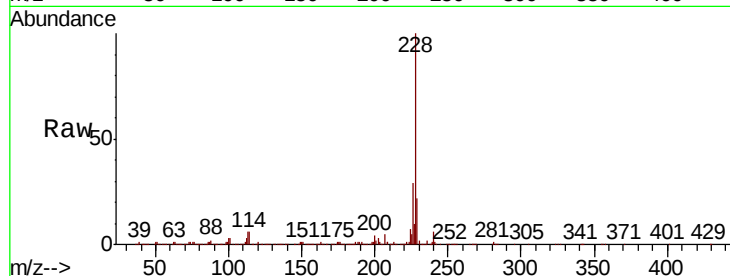
BNA_G

ClientSampleId :

ICVBG092519

Tot Ion:228 Resp: 1190918

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	22.2	16.3	24.5

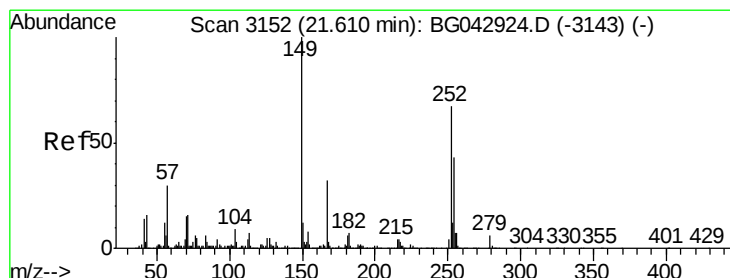
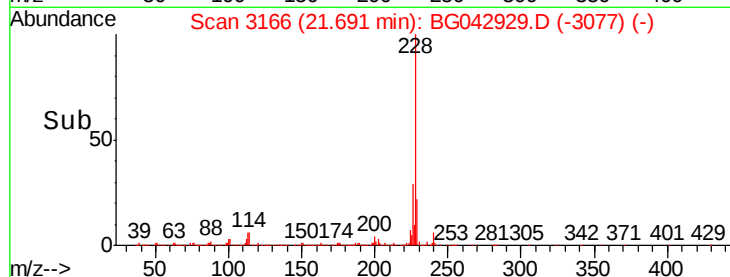
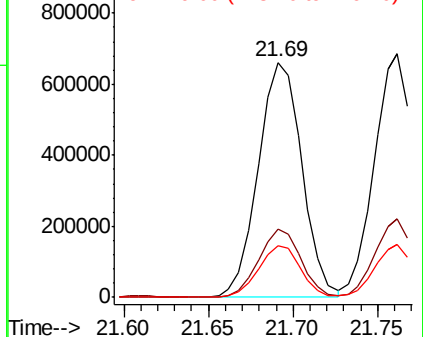


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.658 ng

RT: 21.61 min Scan# 3152

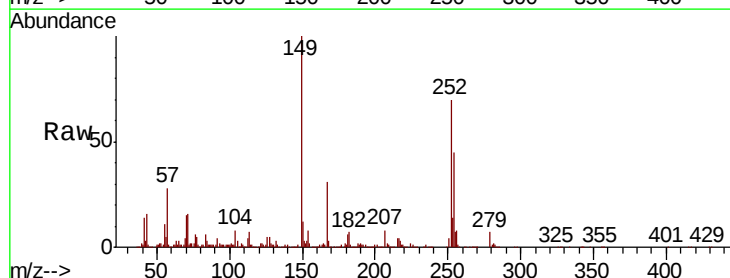
Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Tgt Ion:252 Resp: 464400

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	7.2	6.1	9.1

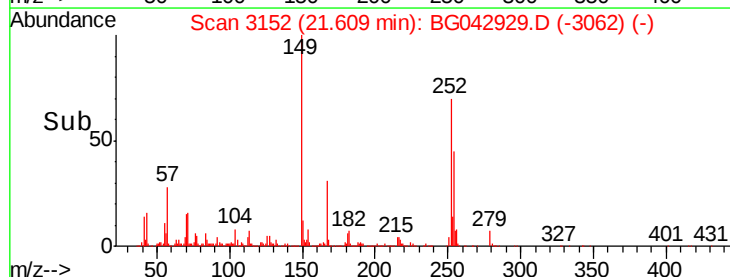
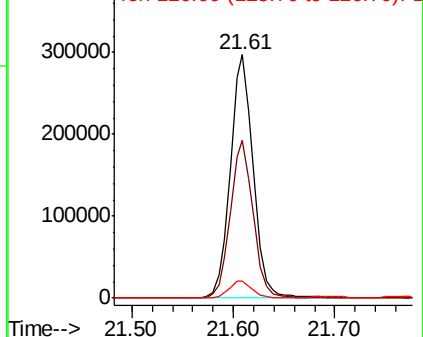


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.436 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

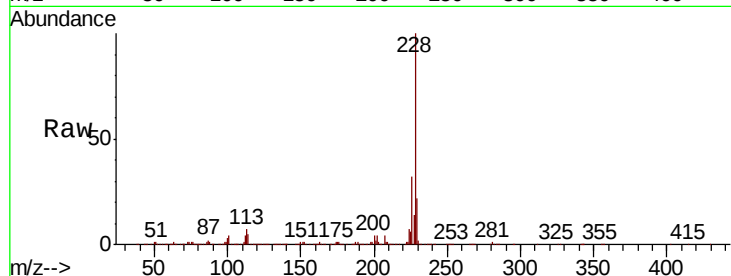
BNA_G

ClientSampleId :

ICVBG092519

Tot Ion:228 Resp: 1142609

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.6	38.4
229	21.7	16.9	25.3

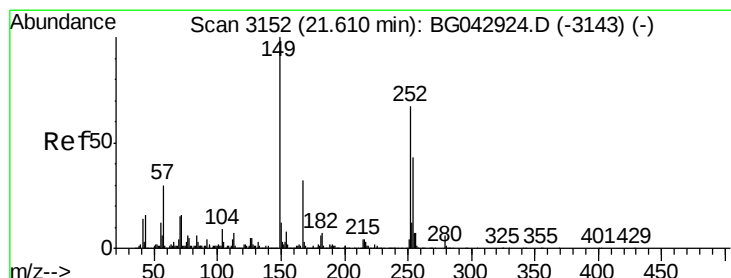
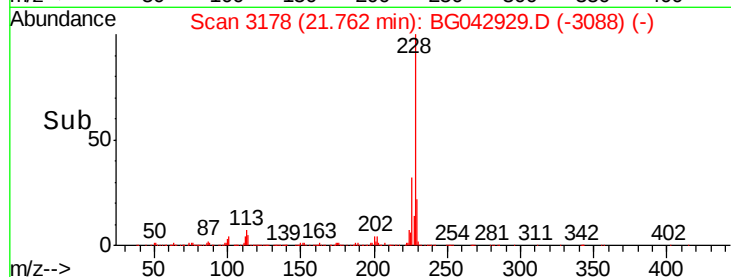
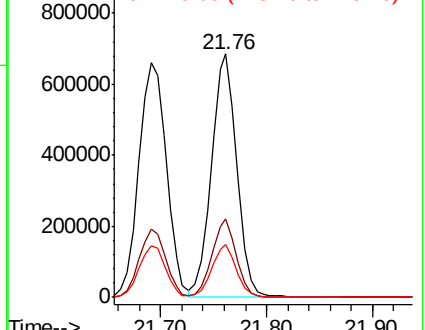


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.416 ng

RT: 21.60 min Scan# 3151

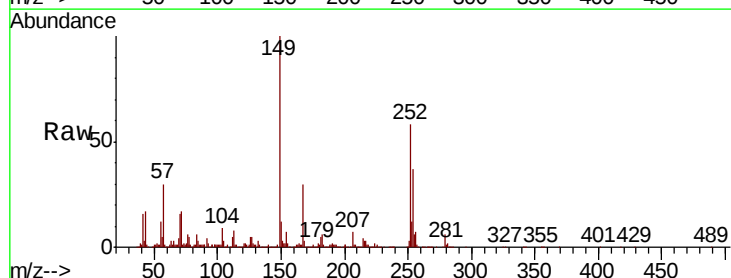
Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Tgt Ion:149 Resp: 624307

Ion	Ratio	Lower	Upper
149	100		
167	29.9	25.4	38.2
279	5.9	5.1	7.7

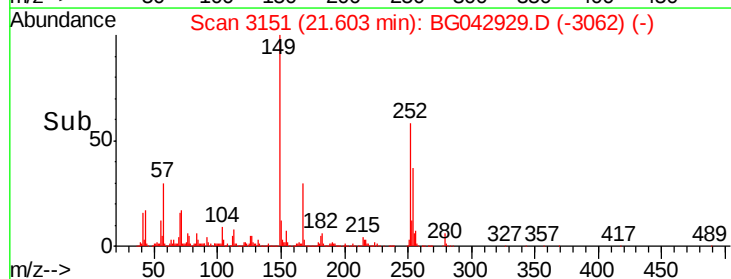
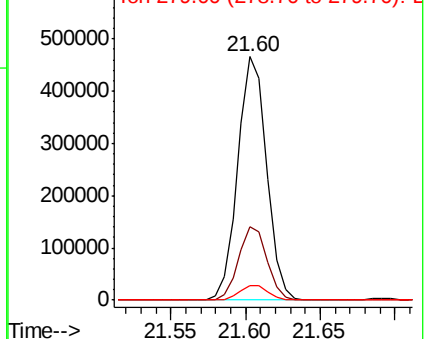


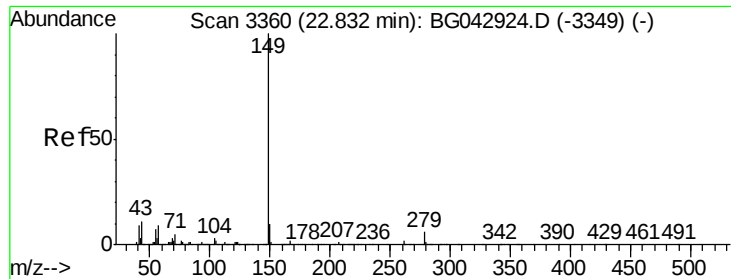
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.465 ng

RT: 22.83 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

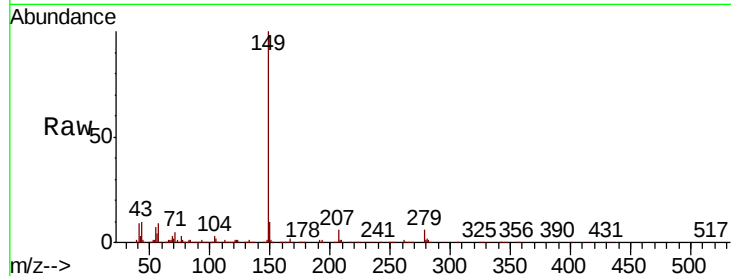
Tot Ion:149 Resp: 1022116

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 10.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

800000

600000

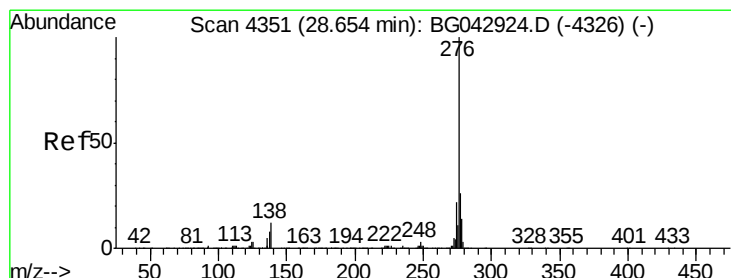
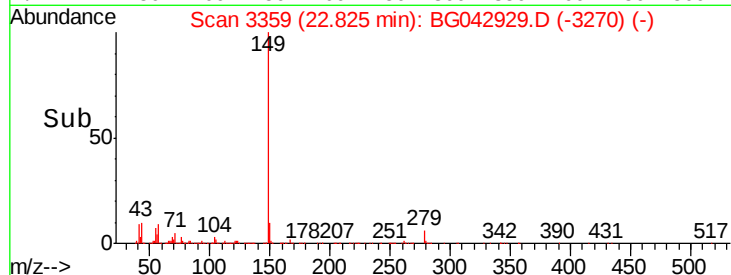
400000

200000

0

22.83

Time--> 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.346 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.02 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

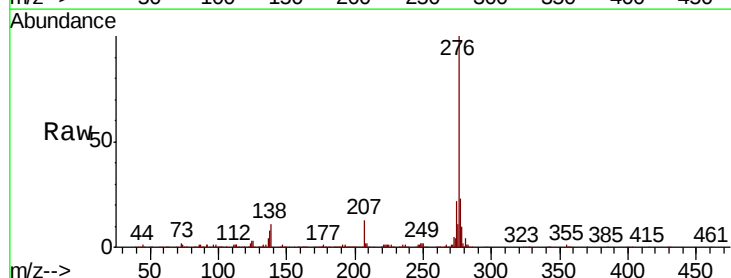
Tgt Ion:276 Resp: 1419215

Ion Ratio Lower Upper

276 100

138 9.9 7.0 10.6

277 26.3 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

300000

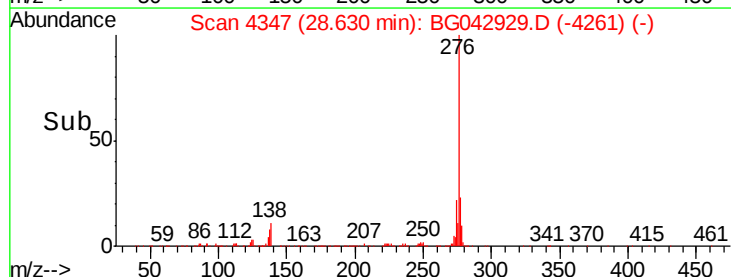
200000

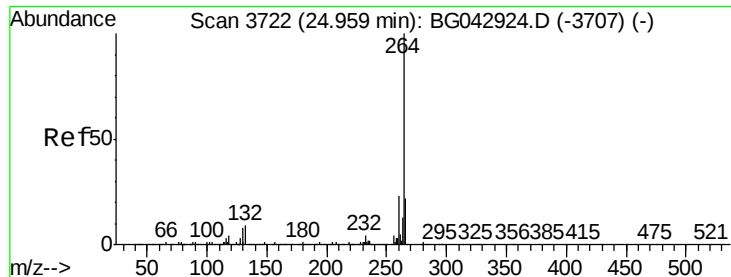
100000

0

28.63

Time--> 28.40 28.60 28.80





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

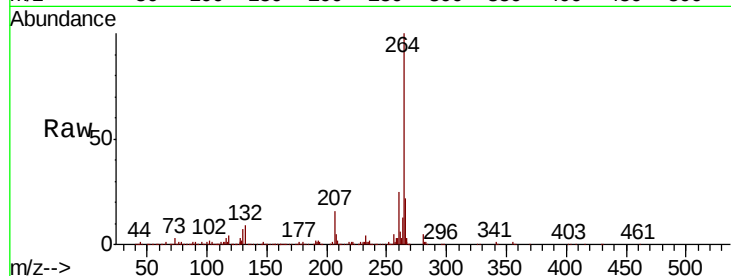
Tot Ion:264 Resp: 543270

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

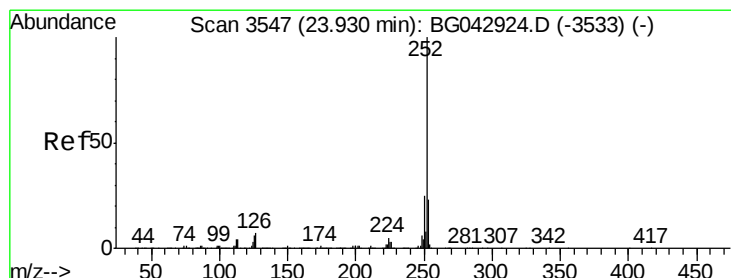
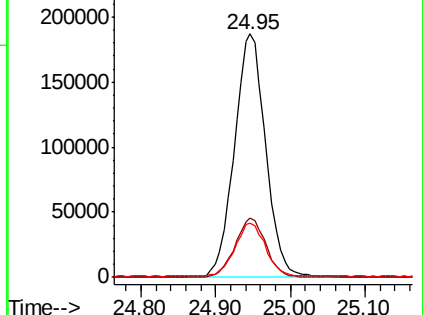
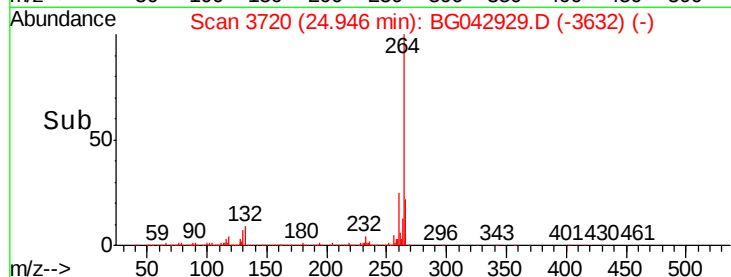
265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.617 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

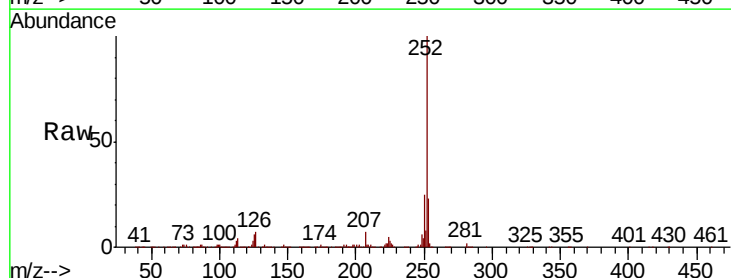
Tgt Ion:252 Resp: 1217797

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

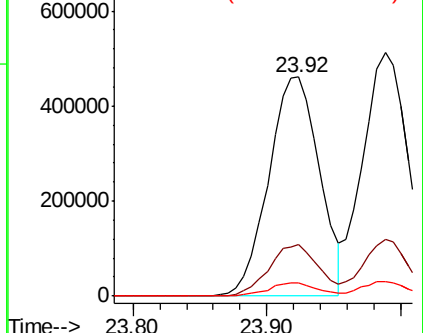
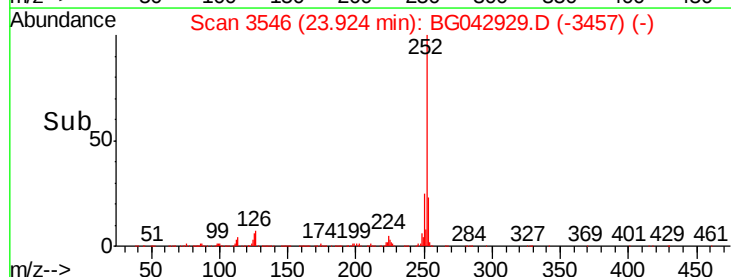
125 5.9 4.6 7.0

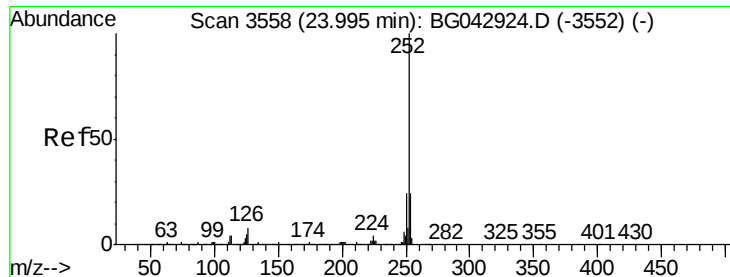


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.935 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

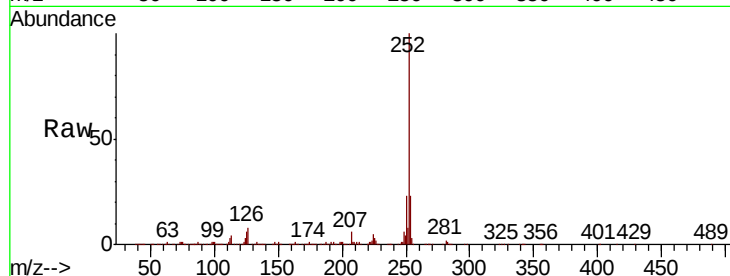
BNA_G

ClientSampleId :

ICVBG092519

Tot Ion:252 Resp: 1214427

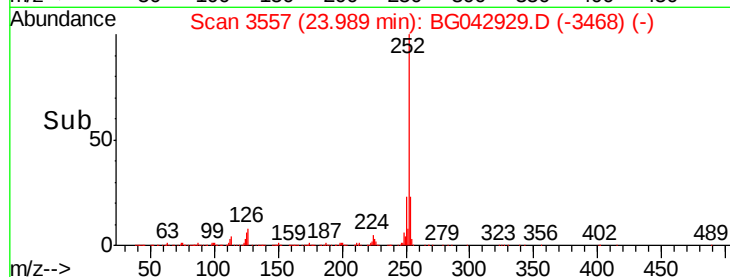
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	5.9	4.5	6.7



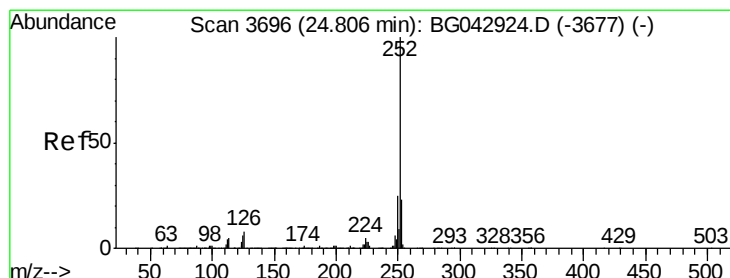
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 39.713 ng

RT: 24.79 min Scan# 3694

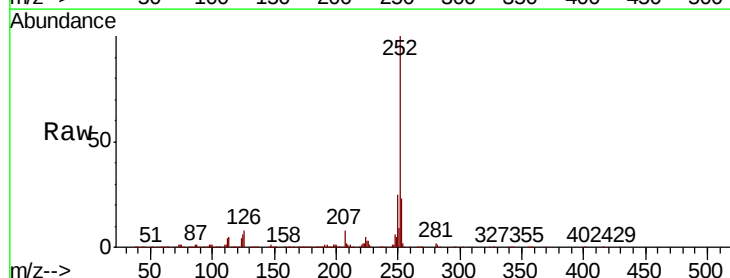
Delta R.T. -0.01 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Tgt Ion:252 Resp: 1151739

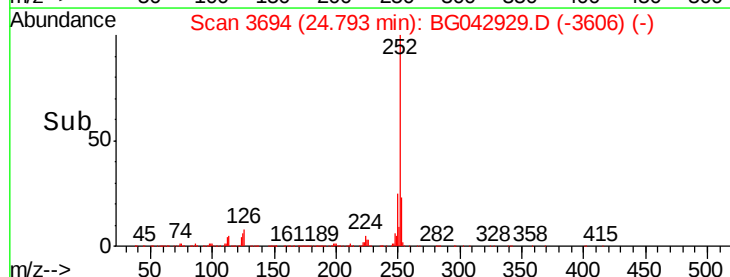
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	6.4	5.0	7.6



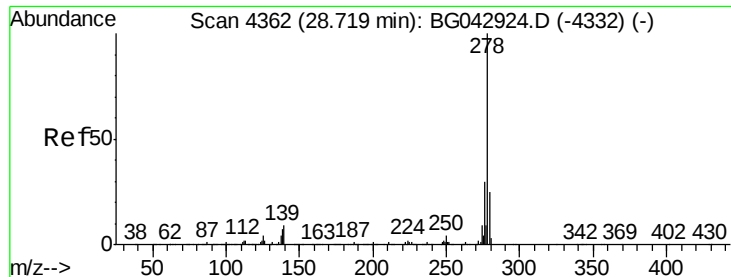
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Dibenzo(a,h)anthracene

Concen: 39.749 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

Instrument :

BNA_G

ClientSampleId :

ICVBG092519

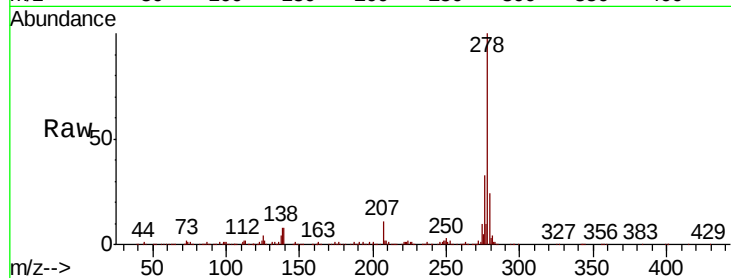
Tot Ion:278 Resp: 1182084

Ion Ratio Lower Upper

278 100

139 8.3 6.8 10.2

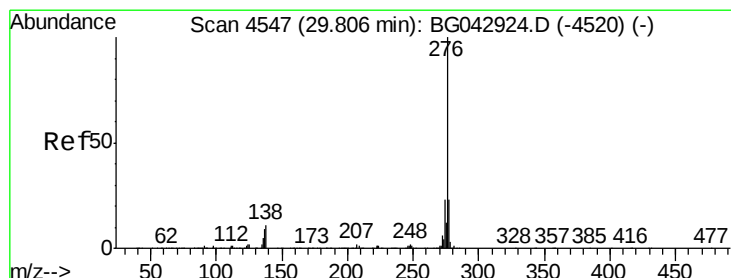
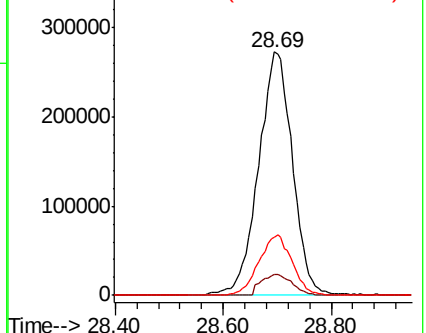
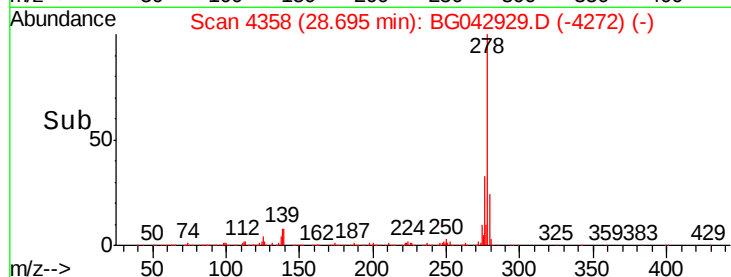
279 24.1 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.334 ng

RT: 29.79 min Scan# 4544

Delta R.T. -0.02 min

Lab File: BG042929.D

Acq: 25 Sep 2019 15:33

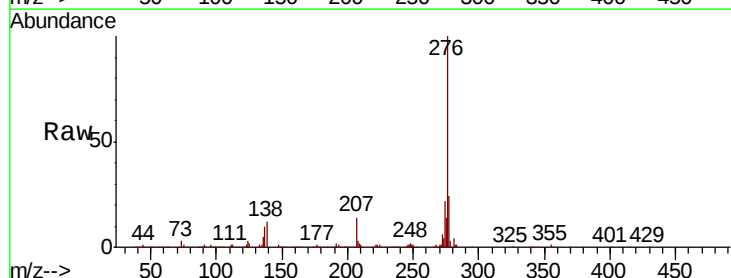
Tgt Ion:276 Resp: 1133389

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 11.7 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

