

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042932.D
 Acq On : 25 Sep 2019 18:21
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 19:03:28 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	8.07	152	61545	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	250568	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	182345	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	442119	20.00	ng	0.00
76) Chrysene-d12	21.71	240	468217	20.00	ng	0.00
87) Perylene-d12	24.94	264	535300	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	269669	78.20	ng	0.00
7) Phenol-d6	7.24	99	382036	76.93	ng	0.00
23) Nitrobenzene-d5	9.24	82	396809	76.97	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	251107	80.08	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	998097	79.35	ng	0.00
79) Terphenyl-d14	20.05	244	1873881	85.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	52681	36.639	ng	99
3) Pyridine	3.95	79	156291	38.647	ng	97
4) n-Nitrosodimethylamine	3.86	42	78502	40.366	ng	99
6) Aniline	7.40	93	232057	38.709	ng	99
8) 2-Chlorophenol	7.64	128	139537	38.798	ng	96
9) Benzaldehyde	7.21	77	126043	41.534	ng	91
10) Phenol	7.27	94	179384	39.370	ng	100
11) bis(2-Chloroethyl)ether	7.49	93	134656	38.196	ng	96
12) 1,3-Dichlorobenzene	7.97	146	178783	38.968	ng	97
13) 1,4-Dichlorobenzene	8.11	146	176487	38.588	ng	95
14) 1,2-Dichlorobenzene	8.43	146	167108	38.378	ng	95
15) Benzyl Alcohol	8.31	79	147648	39.544	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	261847	38.676	ng	99
17) 2-Methylphenol	8.52	107	126682	39.735	ng	97
18) Hexachloroethane	9.16	117	63398	36.806	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	126944	38.928	ng	95
20) 3+4-Methylphenols	8.85	107	171706	39.301	ng	97
22) Acetophenone	8.90	105	273882	42.404	ng	# 98
24) Nitrobenzene	9.28	77	193443	39.340	ng	99
25) Isophorone	9.80	82	347291	38.352	ng	99
26) 2-Nitrophenol	9.99	139	84437	40.337	ng	99
27) 2,4-Dimethylphenol	10.05	122	124776	38.815	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	200519	39.029	ng	97
29) 2,4-Dichlorophenol	10.53	162	159512	39.897	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	198657	38.477	ng	97
31) Naphthalene	10.93	128	474861	38.498	ng	100
32) Benzoic acid	10.20	122	115083	46.330	ng	95
33) 4-Chloroaniline	11.03	127	213506	39.891	ng	98
34) Hexachlorobutadiene	11.22	225	149395	38.645	ng	98
35) Caprolactam	11.82	113	55573	39.416	ng	95
36) 4-Chloro-3-methylphenol	12.16	107	173902	40.005	ng	97
37) 2-Methylnaphthalene	12.53	142	363904	38.673	ng	94
38) 1-Methylnaphthalene	12.75	142	348614	39.154	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	308682	45.023	ng	99

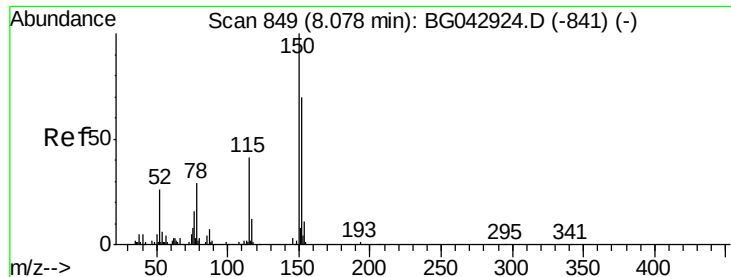
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042932.D
 Acq On : 25 Sep 2019 18:21
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 19:03:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	169214	38.736	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	155611	38.778	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	164655	39.831	ng	96
46) 1,1'-Biphenyl	13.53	154	601229	43.479	ng	100
47) 2-Chloronaphthalene	13.57	162	406473	39.206	ng	98
48) 2-Nitroaniline	13.77	65	137425	39.860	ng	93
49) Acenaphthylene	14.42	152	623440	39.299	ng	99
50) Dimethylphthalate	14.15	163	535580	39.201	ng	99
51) 2,6-Dinitrotoluene	14.27	165	113578	39.037	ng	97
52) Acenaphthene	14.76	154	429234	40.423	ng	97
53) 3-Nitroaniline	14.59	138	116694	38.810	ng	98
54) 2,4-Dinitrophenol	14.79	184	72695	40.196	ng	97
55) Dibenzofuran	15.09	168	621281	39.552	ng	99
56) 4-Nitrophenol	14.91	139	89986	39.278	ng	97
57) 2,4-Dinitrotoluene	15.05	165	169281	39.731	ng	99
58) Fluorene	15.74	166	524306	39.096	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	179887	40.869	ng	98
60) Diethylphthalate	15.51	149	547814	39.399	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	313248	38.948	ng	98
62) 4-Nitroaniline	15.76	138	130114	39.677	ng	97
63) Azobenzene	16.02	77	501614	39.625	ng	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	97046	38.790	ng	98
66) n-Nitrosodiphenylamine	15.95	169	459714	39.388	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	220729	39.778	ng	97
68) Hexachlorobenzene	16.75	284	244527	39.577	ng	99
69) Atrazine	16.89	200	192458	39.159	ng	97
70) Pentachlorophenol	17.09	266	145595	40.839	ng	98
71) Phenanthrene	17.48	178	847314	39.256	ng	98
72) Anthracene	17.57	178	857826	39.810	ng	99
73) Carbazole	17.84	167	784989	39.285	ng	100
74) Di-n-butylphthalate	18.40	149	934693	39.206	ng	99
75) Fluoranthene	19.49	202	1112242	38.959	ng	98
77) Benzidine	19.67	184	468941	39.999	ng	99
78) Pyrene	19.85	202	1125761	40.283	ng	99
80) Butylbenzylphthalate	20.73	149	422773	39.855	ng	99
81) Benzo(a)anthracene	21.69	228	1161940	39.828	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	451434	39.453	ng	100
83) Chrysene	21.76	228	1121616	39.617	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	601105	39.824	ng	98
85) Di-n-octyl phthalate	22.82	149	983972	39.866	ng	100
86) Indeno(1,2,3-cd)pyrene	28.63	276	1400719	39.742	ng	# 96
88) Benzo(b)fluoranthene	23.92	252	1181285	39.001	ng	98
89) Benzo(k)fluoranthene	23.98	252	1192979	39.814	ng	100
90) Benzo(a)pyrene	24.79	252	1126312	39.414	ng	100
91) Dibenzo(a,h)anthracene	28.69	278	1152868	39.344	ng	98
92) Benzo(g,h,i)perylene	29.78	276	1124360	39.601	ng	97

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

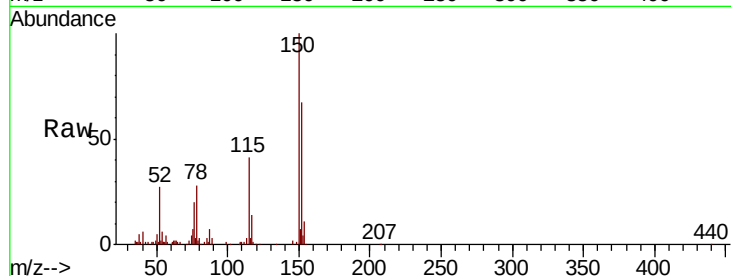


#1

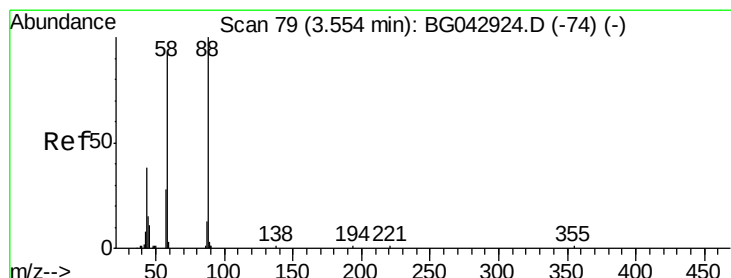
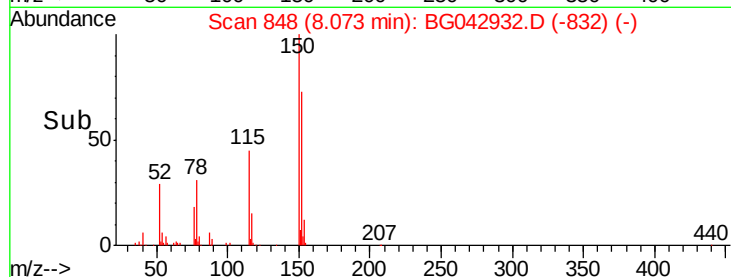
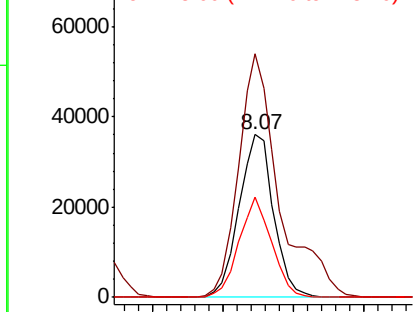
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61545
Ion Ratio Lower Upper
152 100
150 149.8 115.0 172.4
115 61.4 47.0 70.6



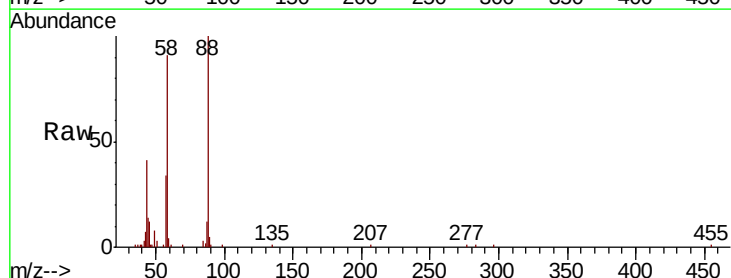
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



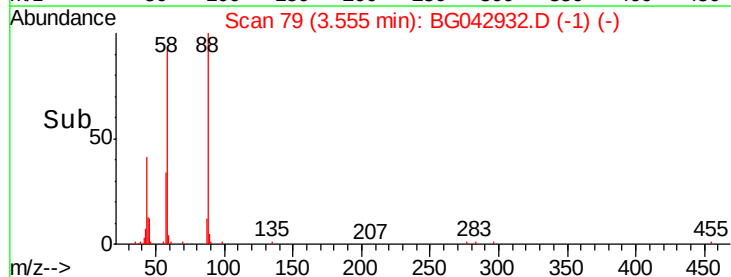
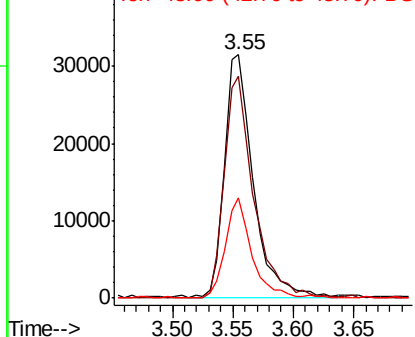
#2

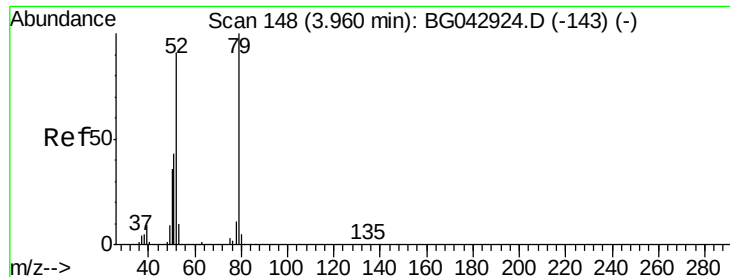
1,4-Dioxane
Concen: 36.639 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion: 88 Resp: 52681
Ion Ratio Lower Upper
88 100
58 91.8 74.3 111.5
43 36.9 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: 38.647 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

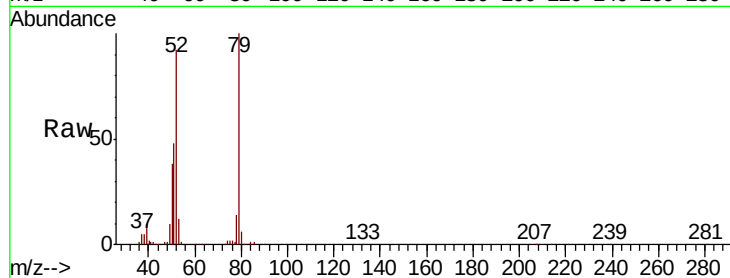
Tot Ion: 79 Resp: 156291

Ion Ratio Lower Upper

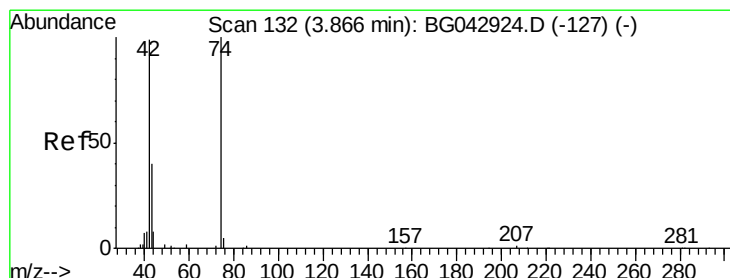
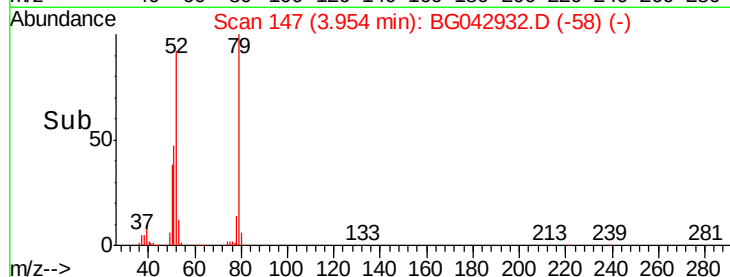
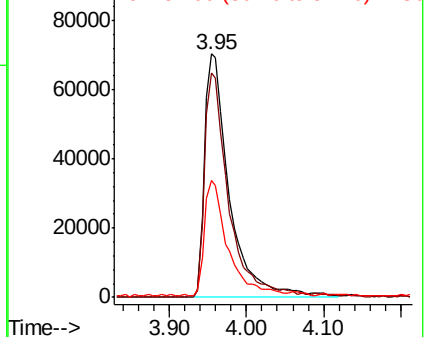
79 100

52 92.4 73.0 109.4

51 47.9 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.366 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

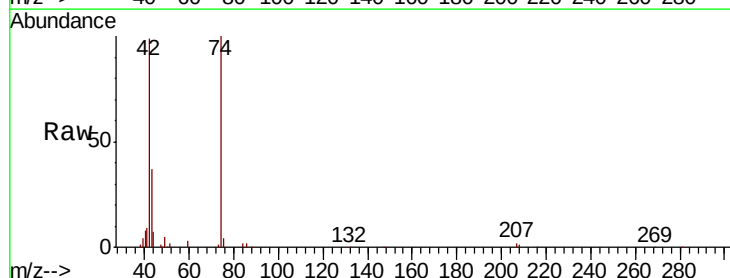
Tgt Ion: 42 Resp: 78502

Ion Ratio Lower Upper

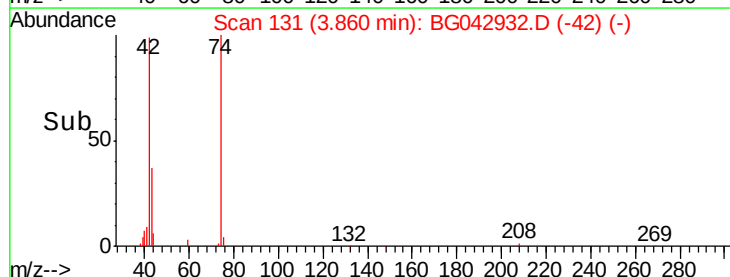
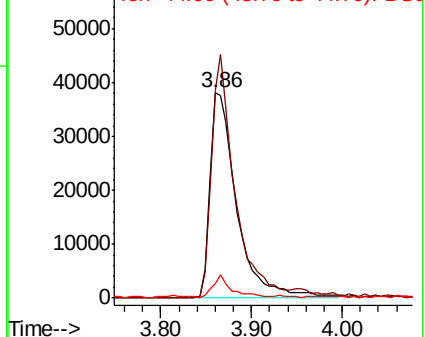
42 100

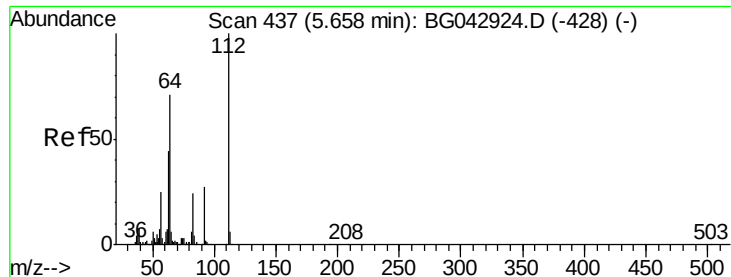
74 100.9 80.5 120.7

44 7.0 6.9 10.3



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





#5

2-Fluorophenol

Concen: 78.196 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

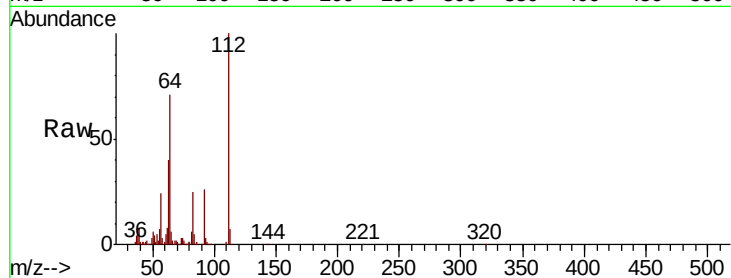
Tot Ion:112 Resp: 269669

Ion Ratio Lower Upper

112 100

64 71.0 56.6 84.8

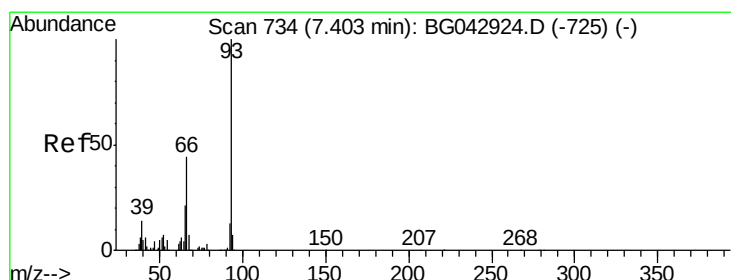
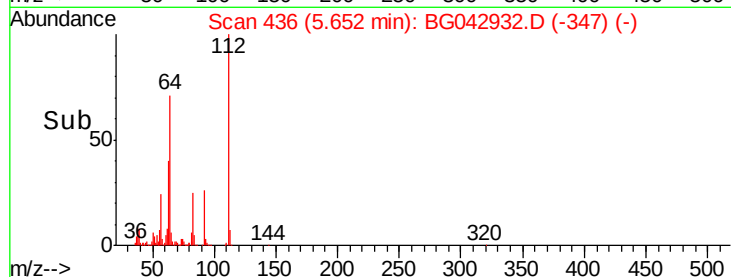
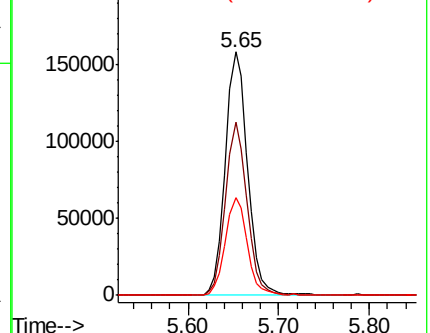
63 40.2 35.1 52.7



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: 38.709 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

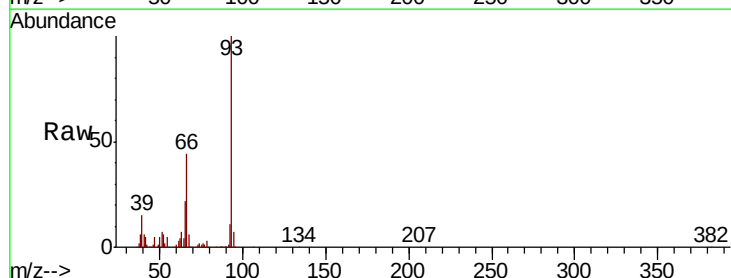
Tgt Ion: 93 Resp: 232057

Ion Ratio Lower Upper

93 100

66 44.5 35.0 52.6

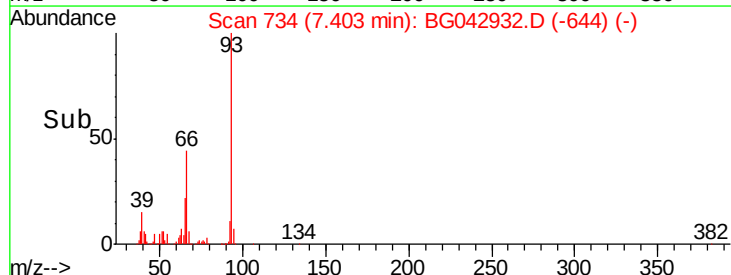
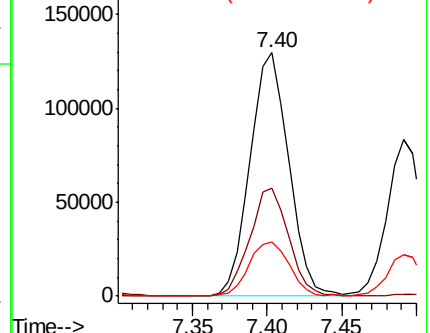
65 22.5 17.4 26.0

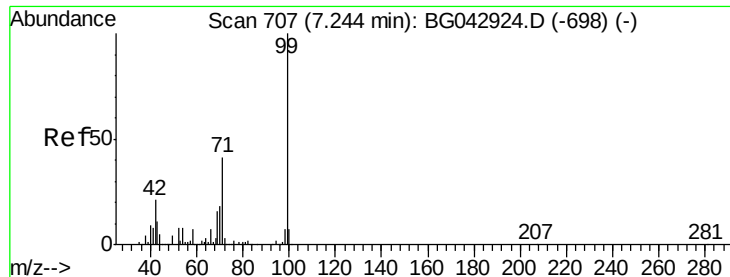


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.927 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampled :

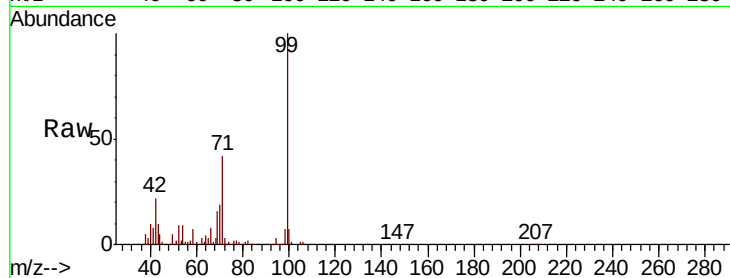
Tot Ion: 99 Resp: 382036

Ion Ratio Lower Upper

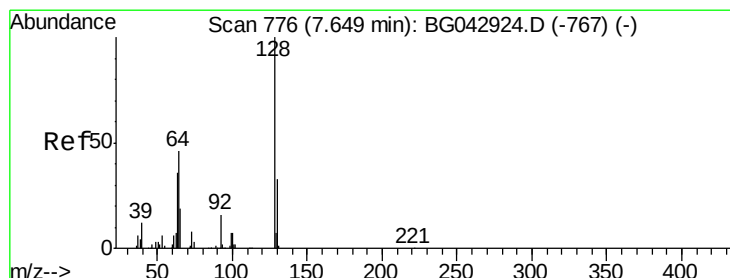
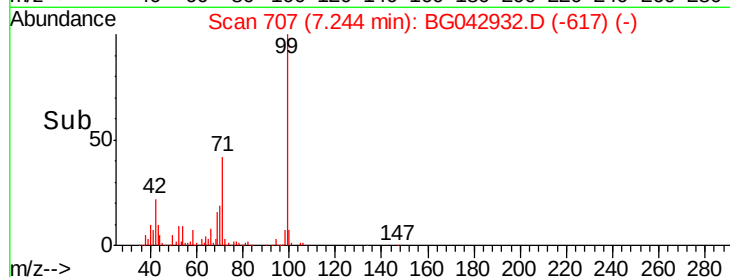
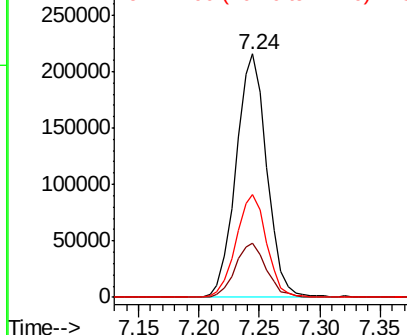
99 100

42 22.3 17.2 25.8

71 42.0 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: 38.798 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

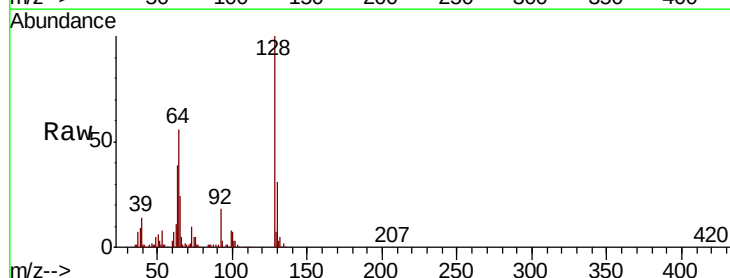
Tgt Ion: 128 Resp: 139537

Ion Ratio Lower Upper

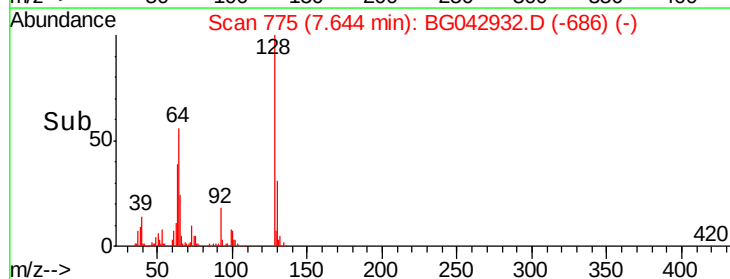
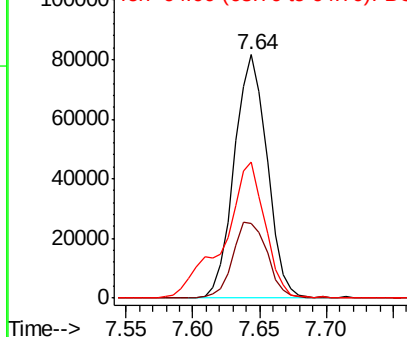
128 100

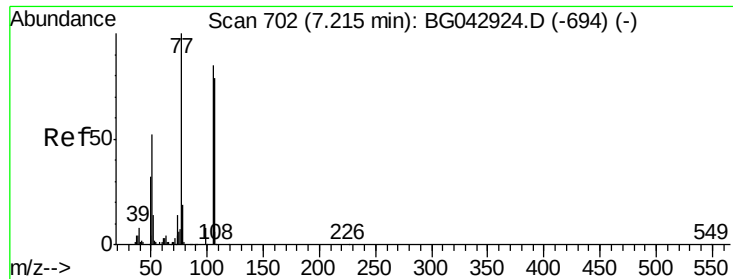
130 30.8 12.5 52.5

64 56.1 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: 41.534 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampled :

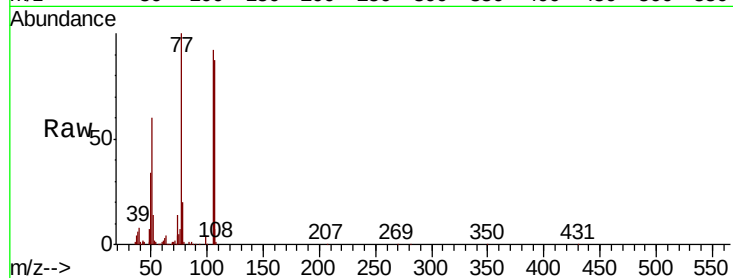
Tot Ion: 77 Resp: 126043

Ion Ratio Lower Upper

77 100

105 92.4 64.6 104.6

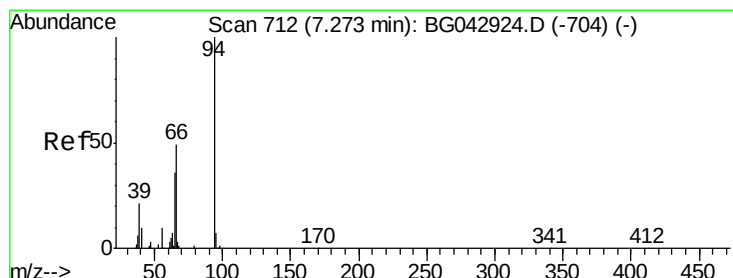
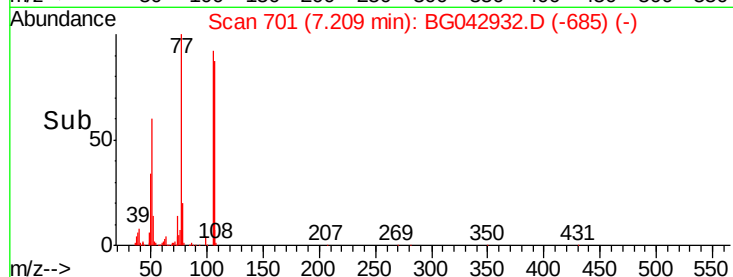
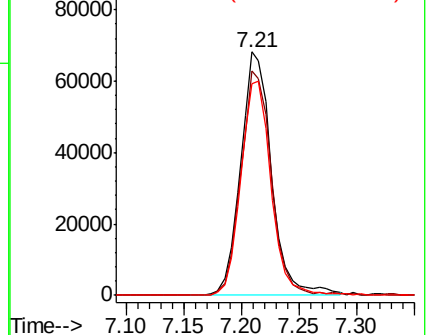
106 87.2 59.4 99.4



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: 39.370 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

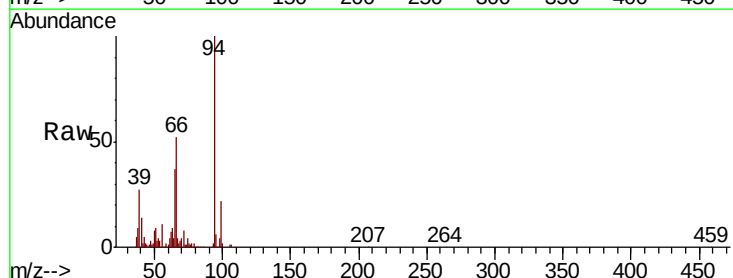
Tgt Ion: 94 Resp: 179384

Ion Ratio Lower Upper

94 100

65 36.8 16.6 56.6

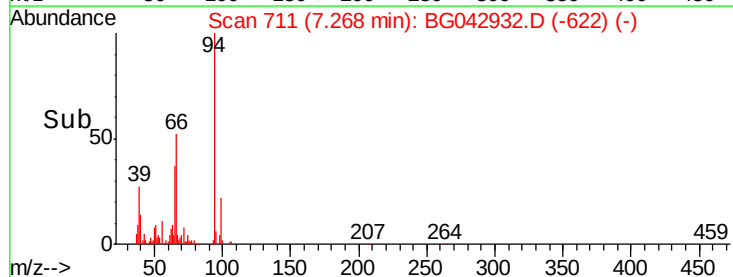
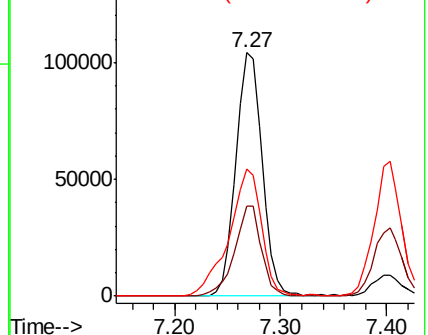
66 52.2 32.4 72.4

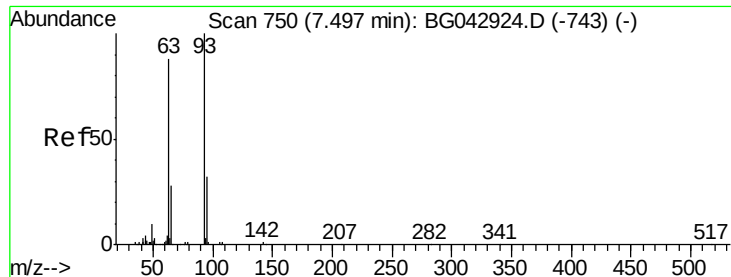


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

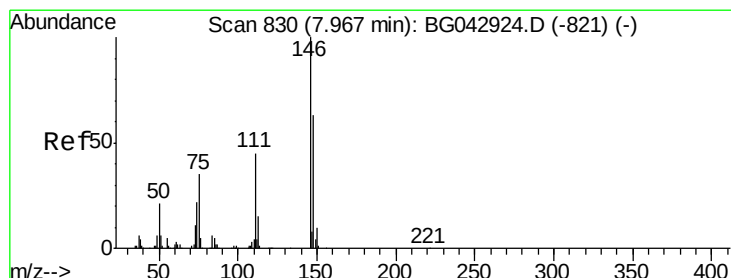
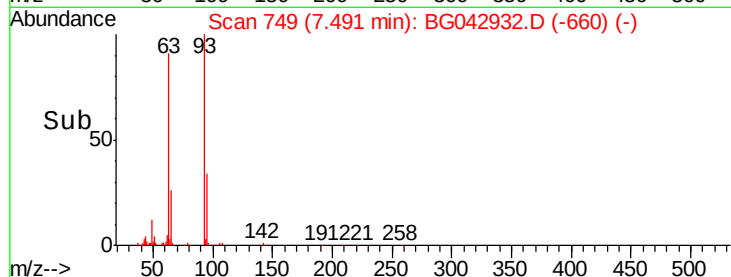
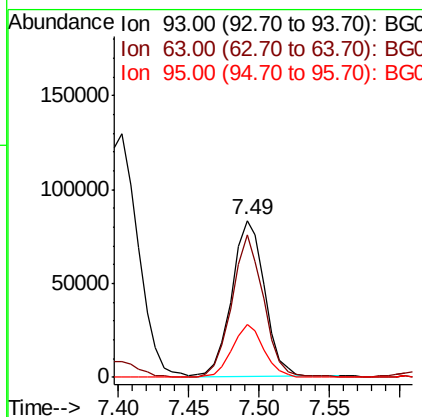
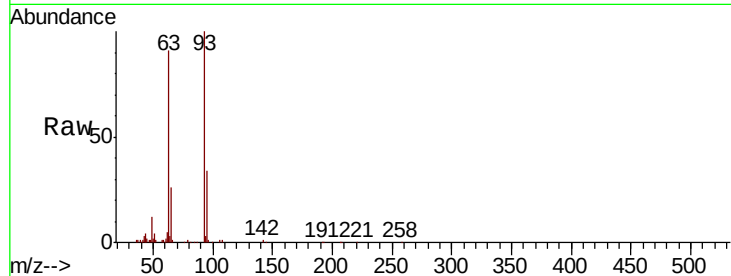




#11
bis(2-Chloroethyl)ether
Concen: 38.196 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

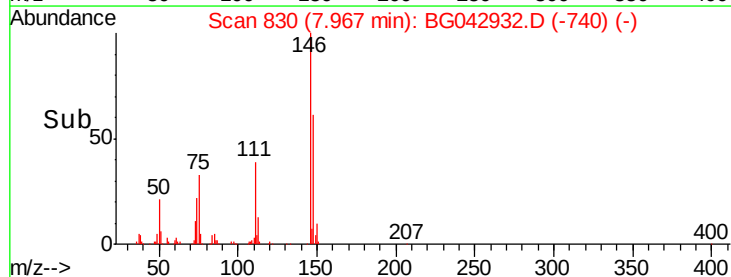
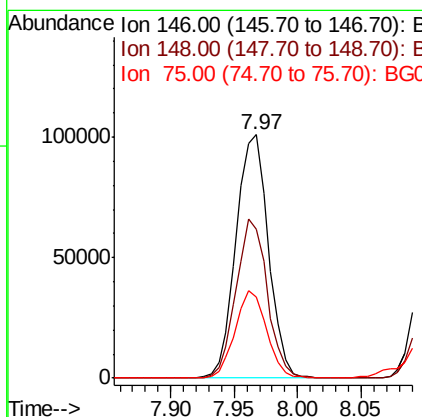
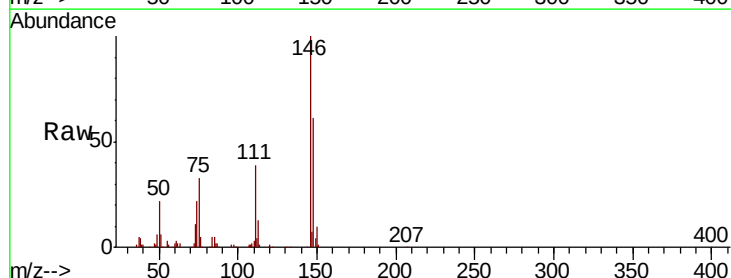
Instrument :
BNA_G
ClientSampleId :

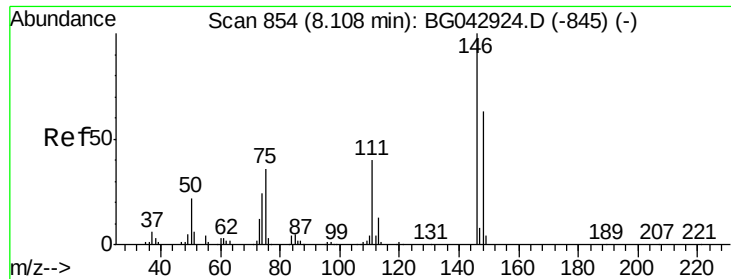
Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	67.4	107.4
95	34.0	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 38.968 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.7	76.1
75	33.3	27.7	41.5

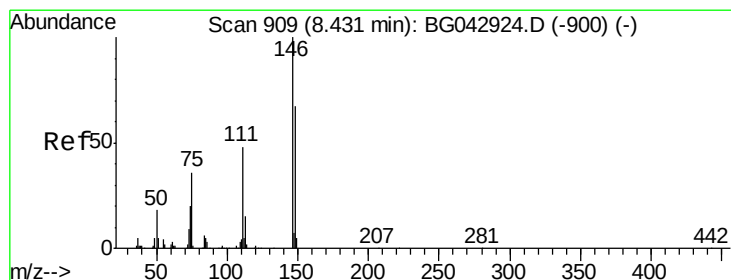
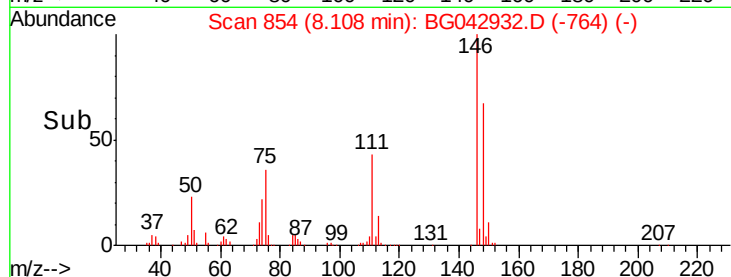
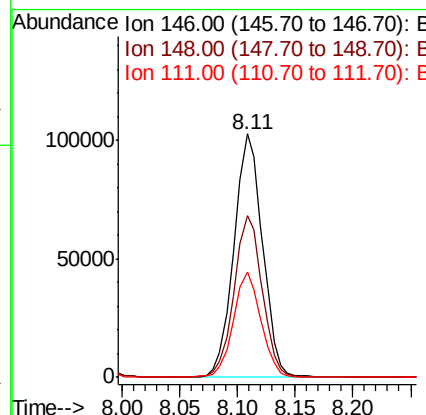
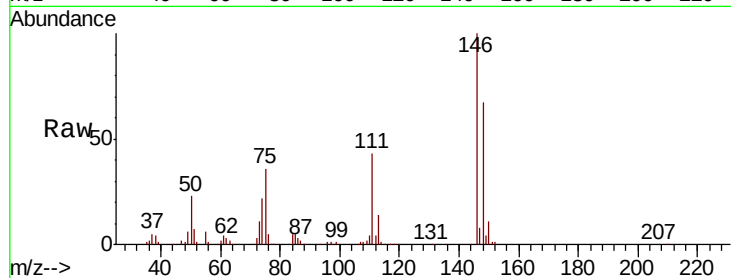




#13
 1,4-Dichlorobenzene
 Concen: 38.588 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

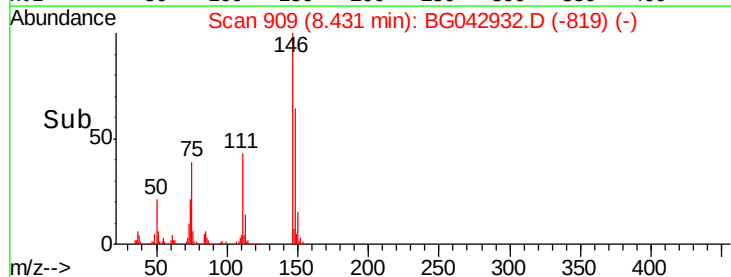
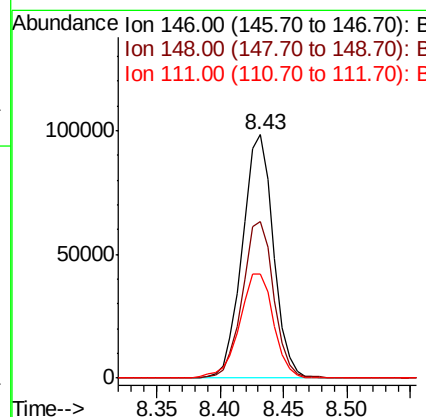
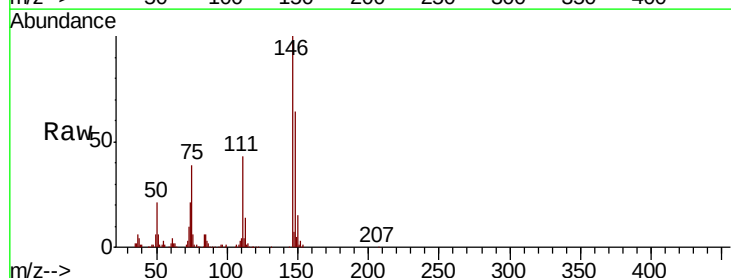
Instrument :
 BNA_G
 ClientSampleId :

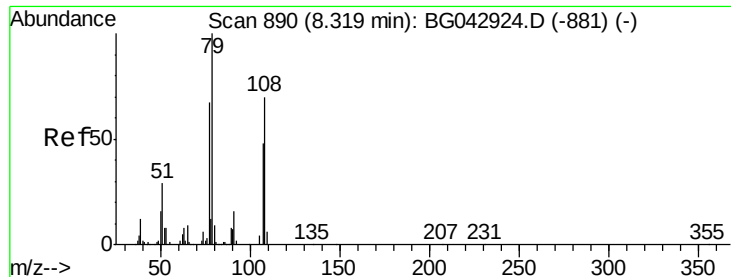
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.9	76.3
111	43.4	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 38.378 ng
 RT: 8.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.2
111	43.0	38.5	57.7





#15

Benzyl Alcohol

Concen: 39.544 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampled :

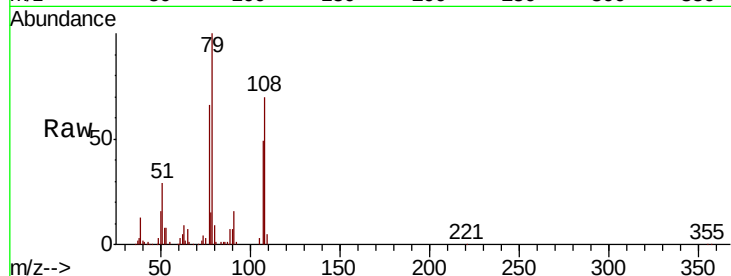
Tot Ion: 79 Resp: 147648

Ion Ratio Lower Upper

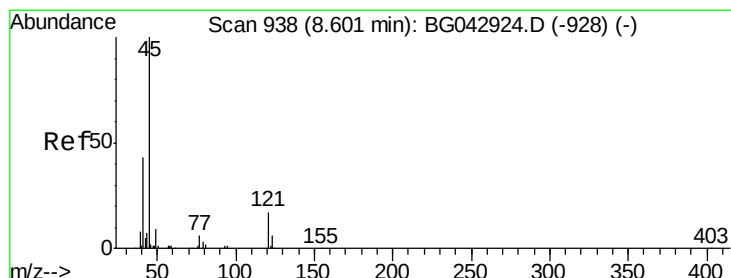
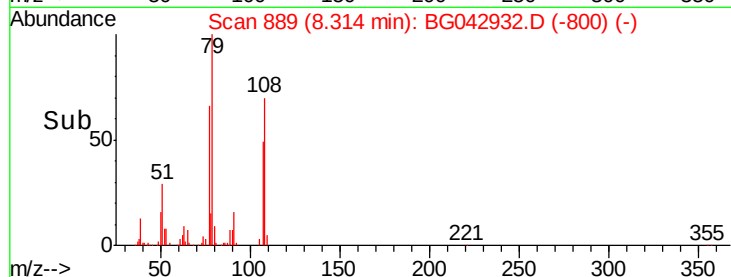
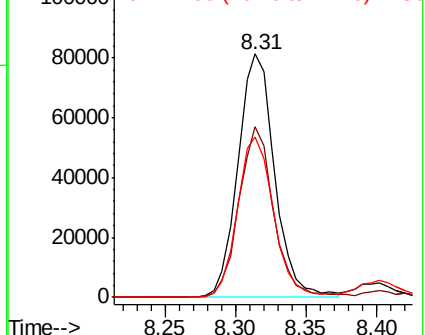
79 100

108 70.2 55.7 83.5

77 65.7 53.3 79.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.676 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

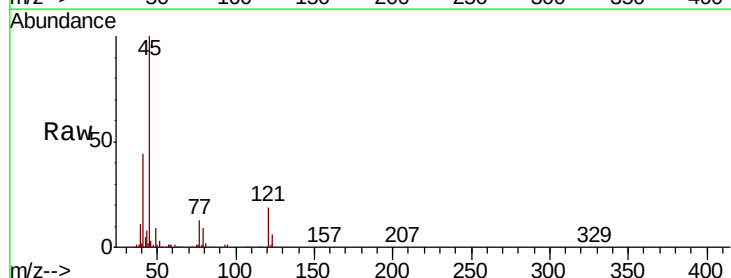
Tgt Ion: 45 Resp: 261847

Ion Ratio Lower Upper

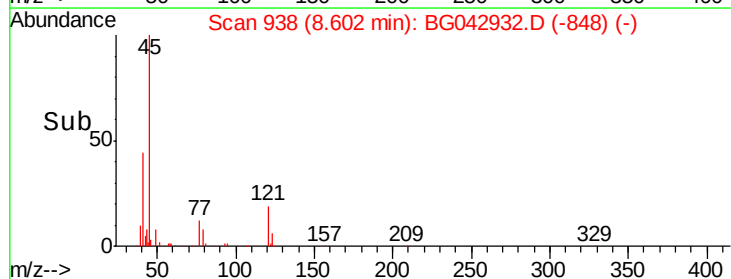
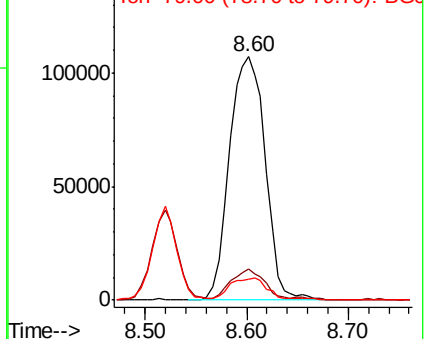
45 100

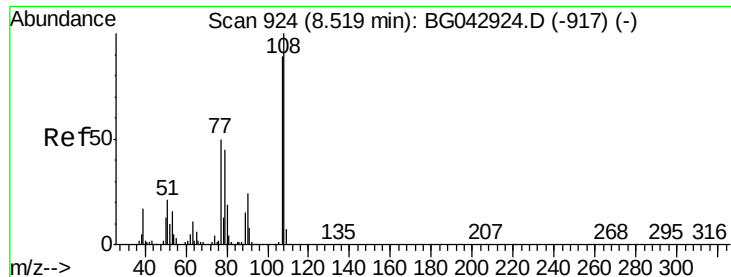
77 13.0 0.0 32.8

79 8.6 0.0 29.4



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

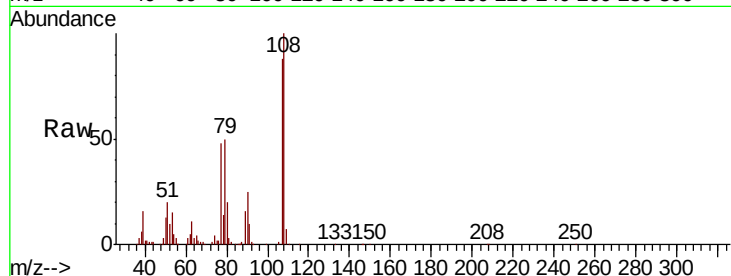




#17
2-Methylphenol
Concen: 39.735 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	126682
Ion	Ratio	Lower	Upper
107	100		
108	114.2	89.9	134.9
77	54.5	45.4	68.2
79	57.0	41.4	62.0



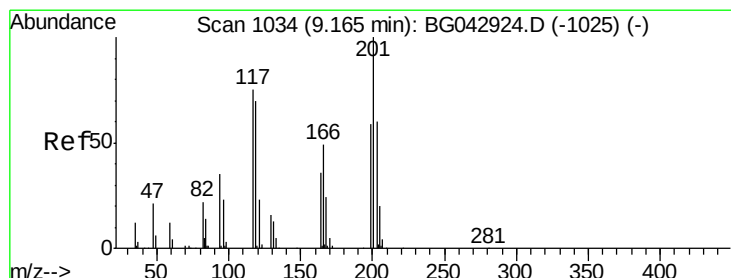
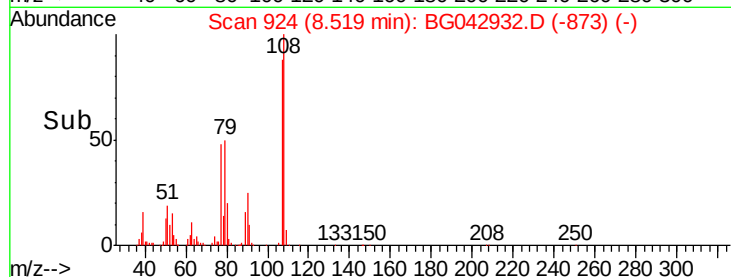
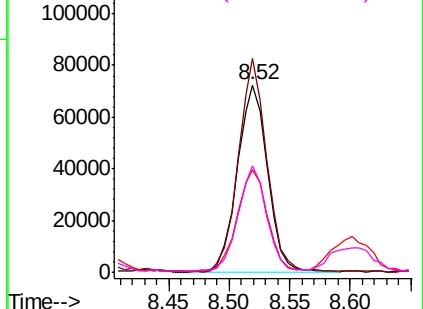
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

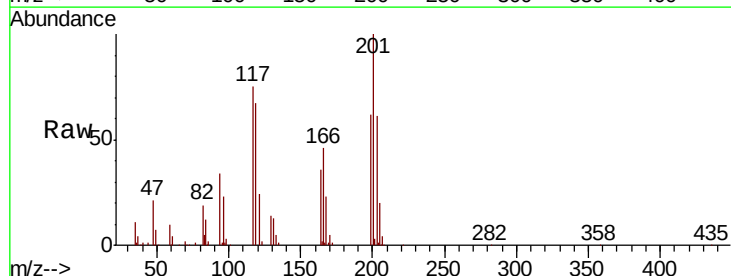
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 36.806 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion:	117	Resp:	63398
Ion	Ratio	Lower	Upper
117	100		
119	90.1	74.6	111.8
201	134.1	106.0	159.0

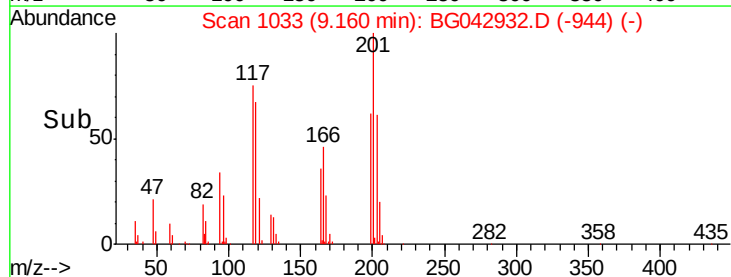
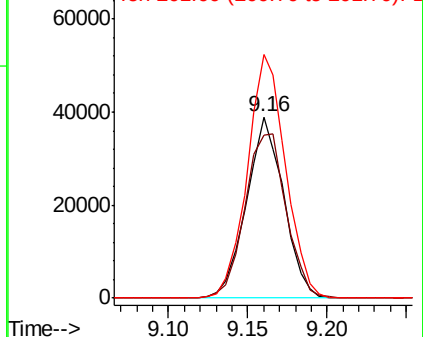


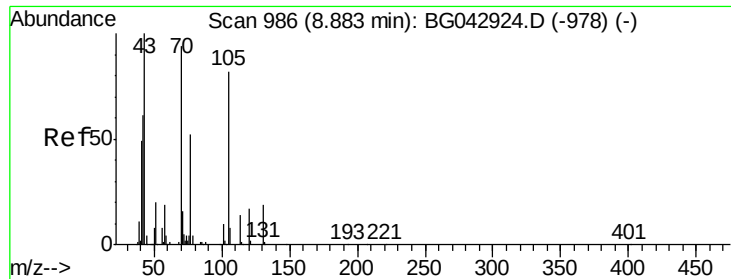
Abundance

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

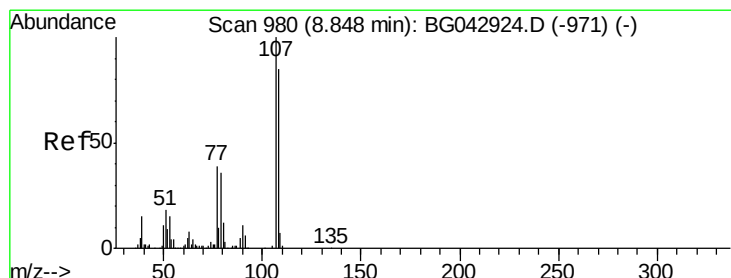
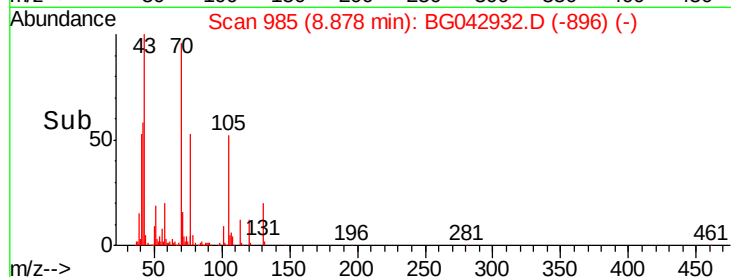
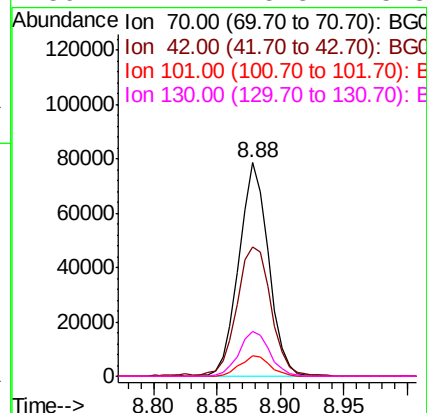
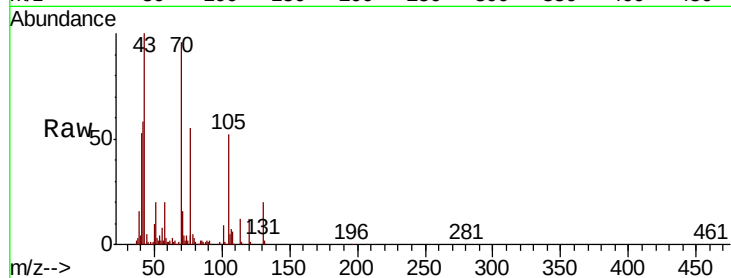




#19
n-Nitroso-di-n-propylamine
Concen: 38.928 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

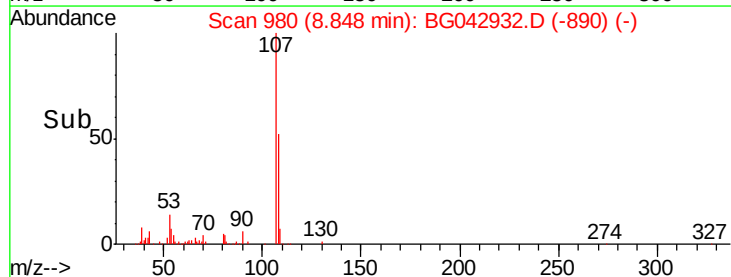
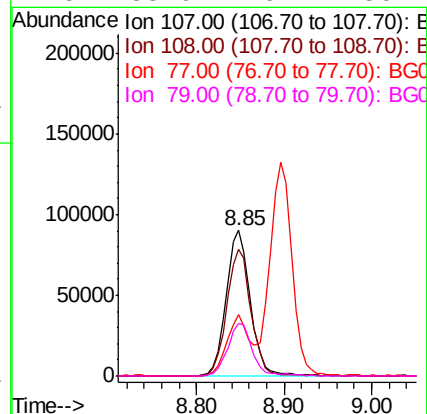
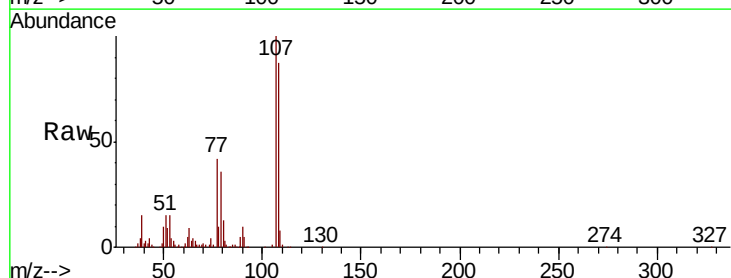
Instrument :
BNA_G
ClientSampled :

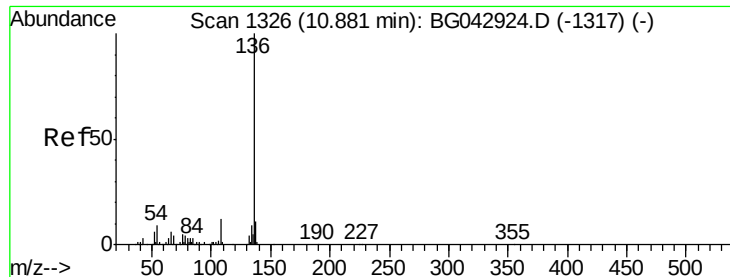
Tot Ion: 70 Resp: 126944
Ion Ratio Lower Upper
70 100
42 60.5 52.6 79.0
101 9.6 8.7 13.1
130 21.1 15.8 23.8



#20
3+4-Methylphenols
Concen: 39.301 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion:107 Resp: 171706
Ion Ratio Lower Upper
107 100
108 87.4 64.9 104.9
77 42.3 19.4 59.4
79 35.9 16.2 56.2

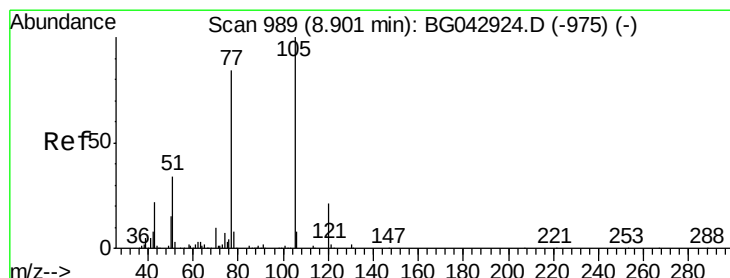
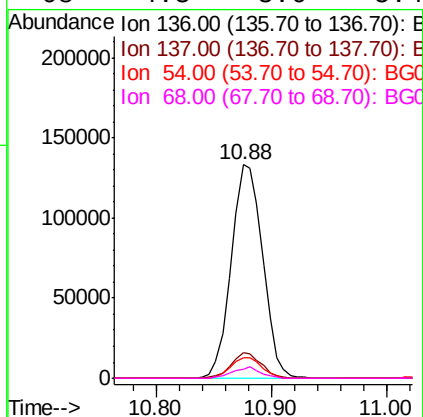
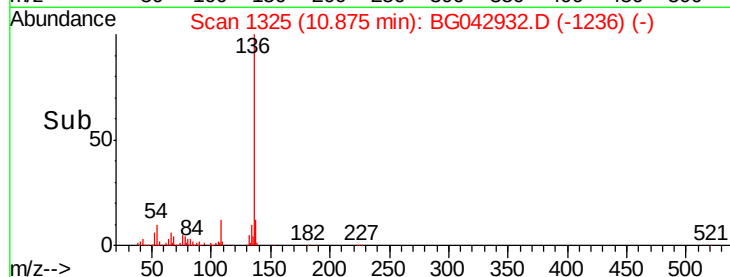
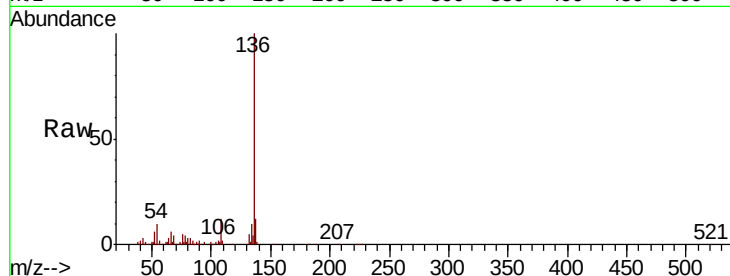




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

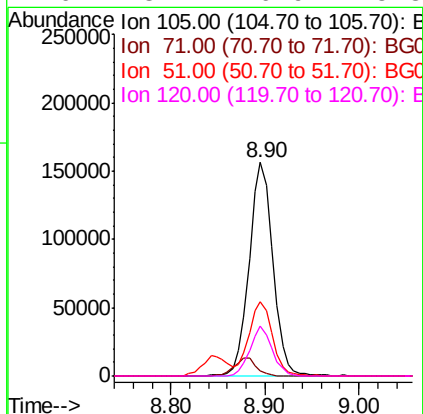
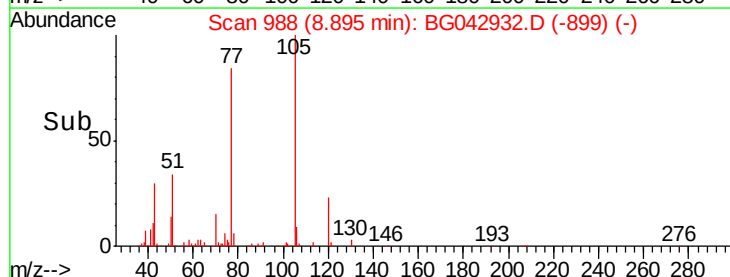
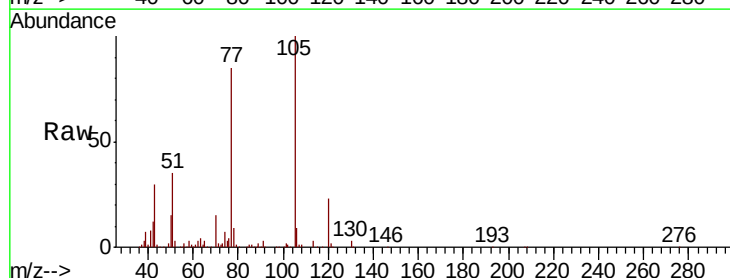
Instrument :
BNA_G
ClientSampleId :

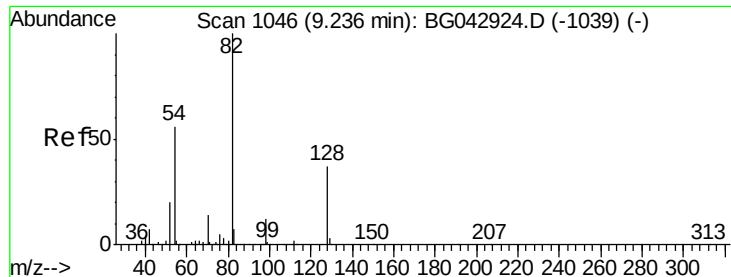
Tot Ion:136	Resp:	250568
Ion Ratio	Lower	Upper
136 100		
137 11.9	8.5	12.7
54 9.6	7.4	11.2
68 4.3	3.6	5.4



#22
Acetophenone
Concen: 42.404 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt	Ion:105	Resp:	273882
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.2	1.8#
51	34.7	27.2	40.8
120	23.2	16.9	25.3





#23

Nitrobenzene-d5

Concen: 76.973 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampled :

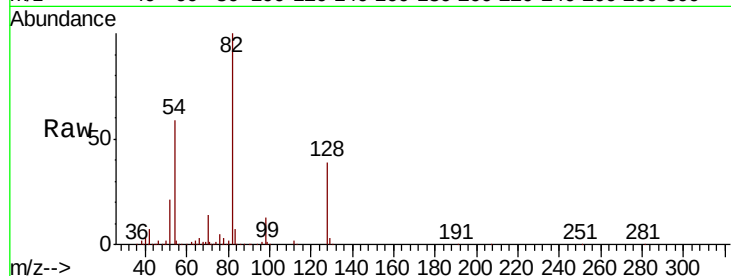
Tot Ion: 82 Resp: 396809

Ion Ratio Lower Upper

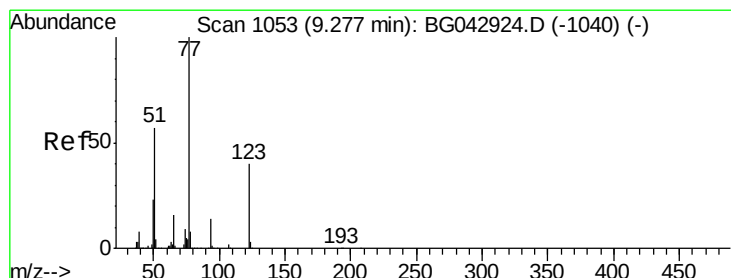
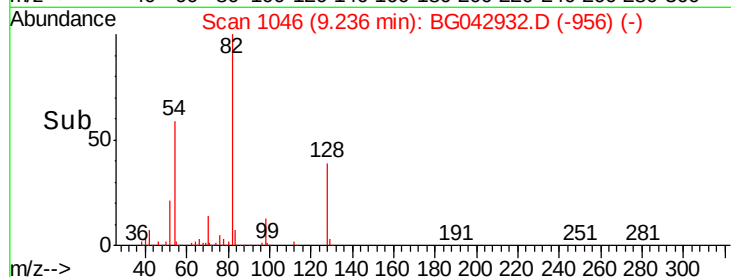
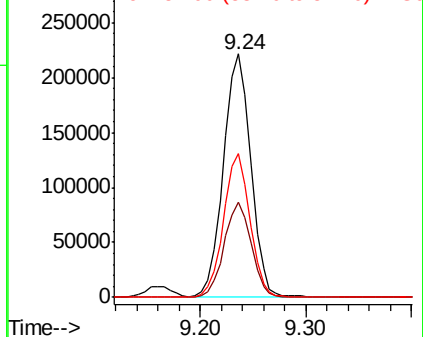
82 100

128 38.9 29.5 44.3

54 59.1 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: 39.340 ng

RT: 9.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

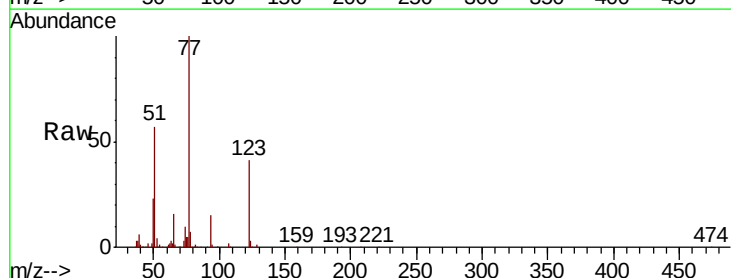
Tgt Ion: 77 Resp: 193443

Ion Ratio Lower Upper

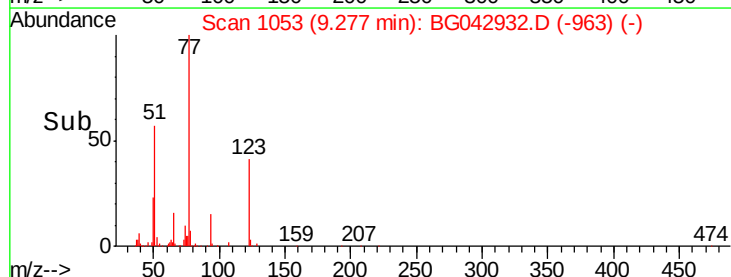
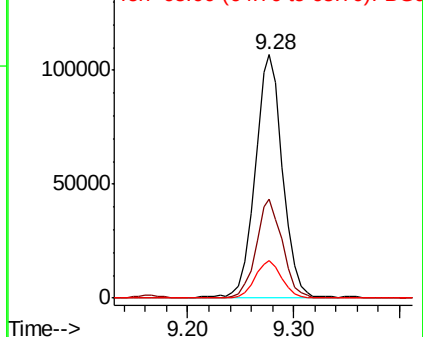
77 100

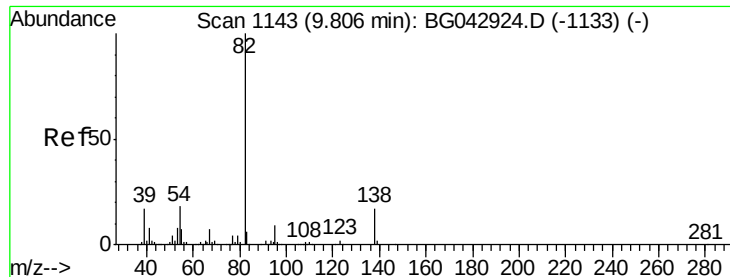
123 40.9 31.9 47.9

65 15.5 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: 38.352 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampled :

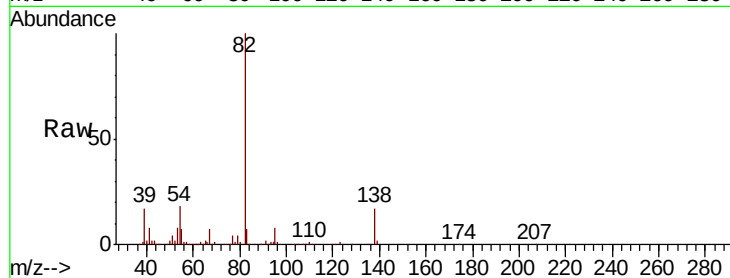
Tot Ion: 82 Resp: 347291

Ion Ratio Lower Upper

82 100

95 8.4 7.0 10.4

138 16.5 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG042924.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BG042924.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BG042924.D (-1133) (-)

9.80

200000

150000

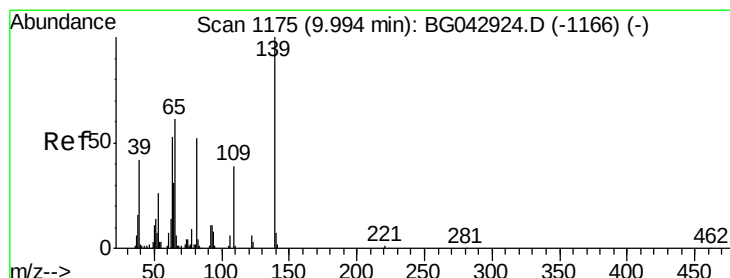
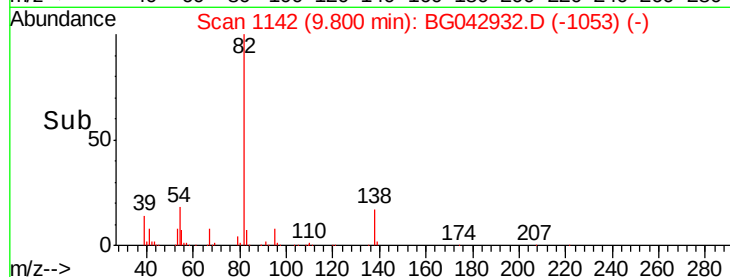
100000

50000

0

9.70 9.75 9.80 9.85 9.90

Time-->



#26

2-Nitrophenol

Concen: 40.337 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

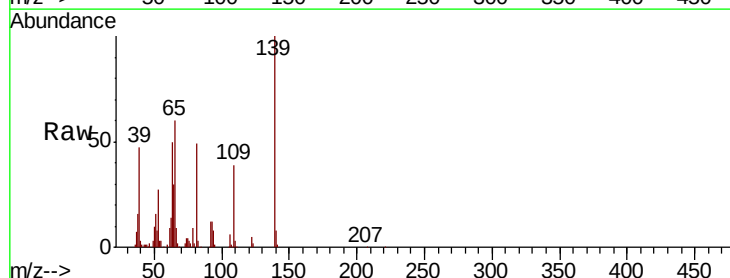
Tgt Ion: 139 Resp: 84437

Ion Ratio Lower Upper

139 100

109 39.3 31.0 46.6

65 59.5 48.4 72.6



Abundance Ion 139.00 (138.70 to 139.70): BG042924.D (-1166) (-)

Ion 109.00 (108.70 to 109.70): BG042924.D (-1166) (-)

Ion 65.00 (64.70 to 65.70): BG042924.D (-1166) (-)

9.99

60000

50000

40000

30000

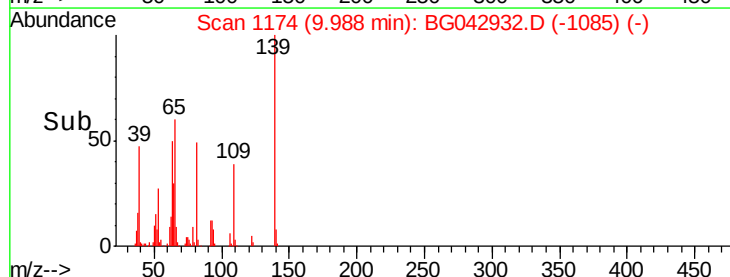
20000

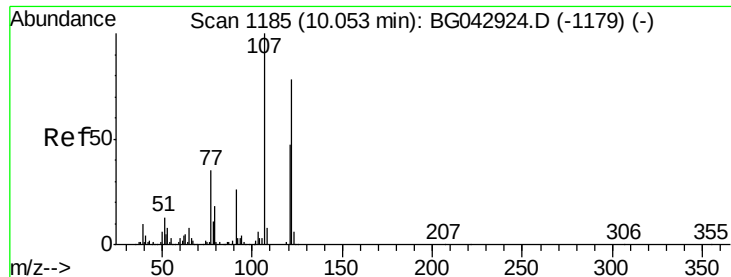
10000

0

9.90 10.00

Time-->

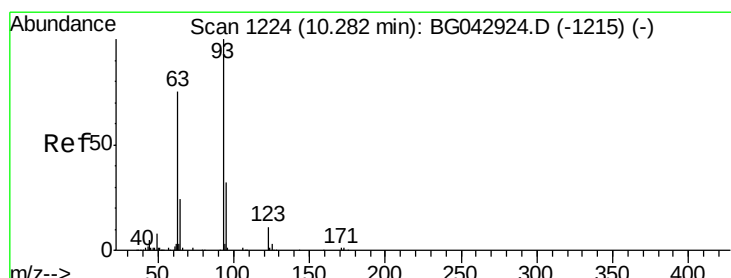
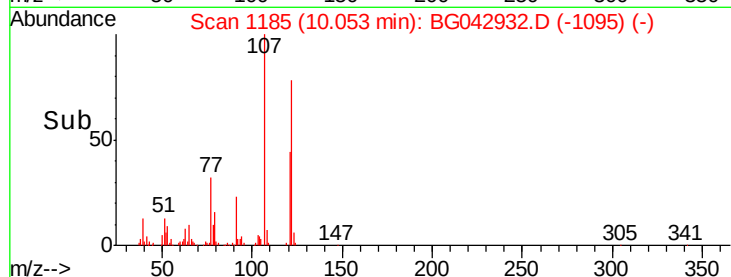
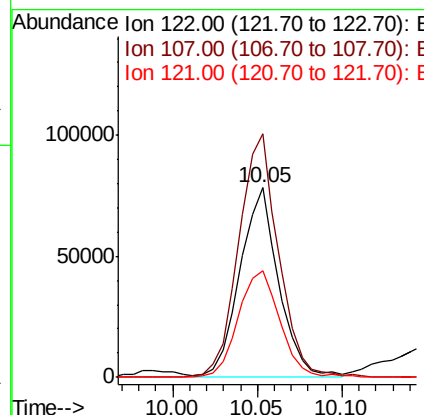
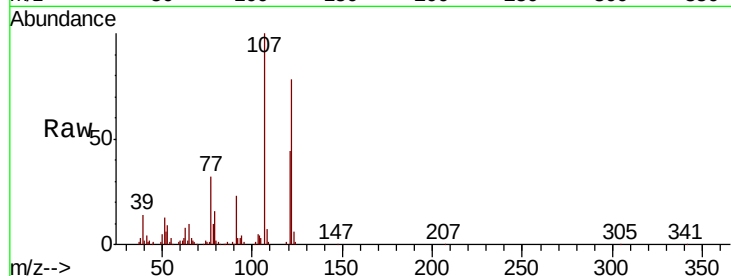




#27
 2,4-Dimethylphenol
 Concen: 38.815 ng
 RT: 10.05 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

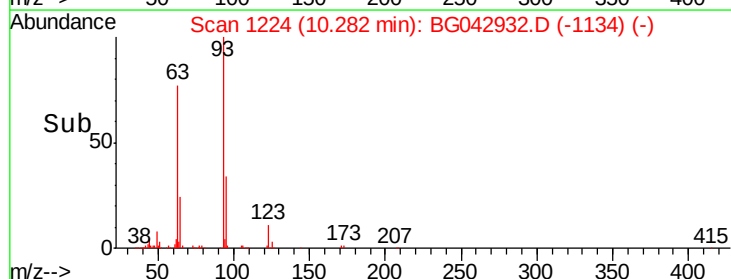
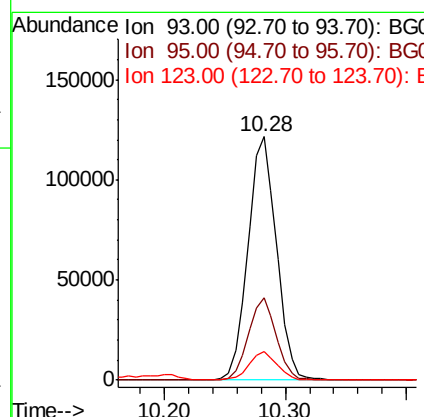
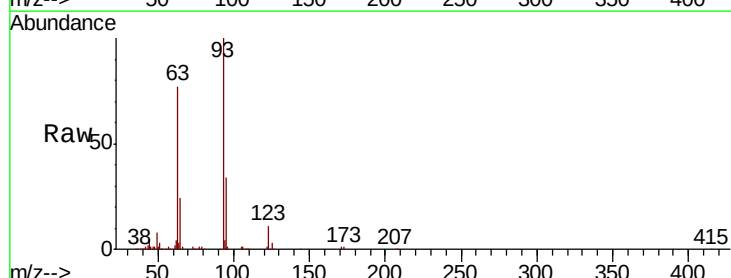
Instrument :
 BNA_G
 ClientSampleId :

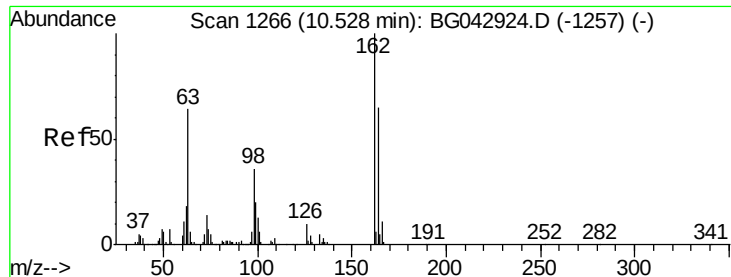
Tot Ion	Ratio	Lower	Upper
122	100		
107	128.6	102.2	153.2
121	56.5	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.029 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.4	38.0
123	11.5	9.3	13.9

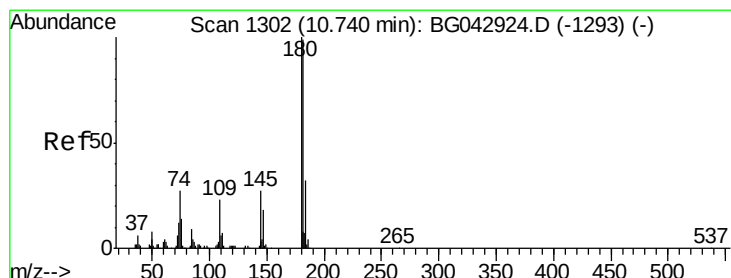
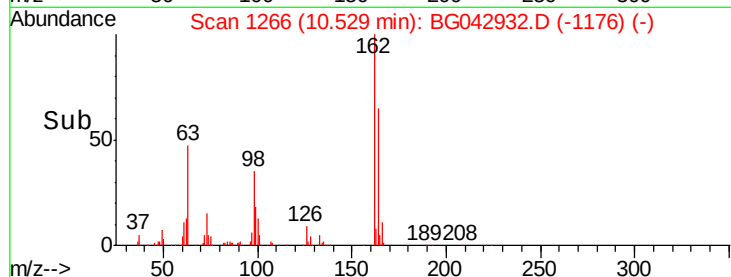
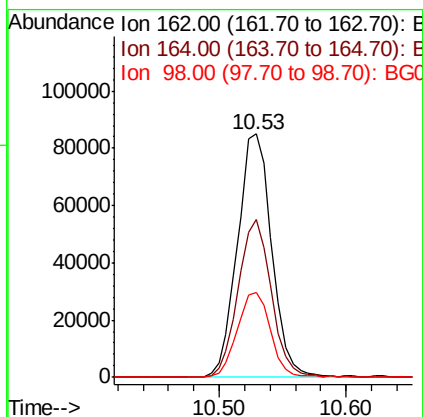
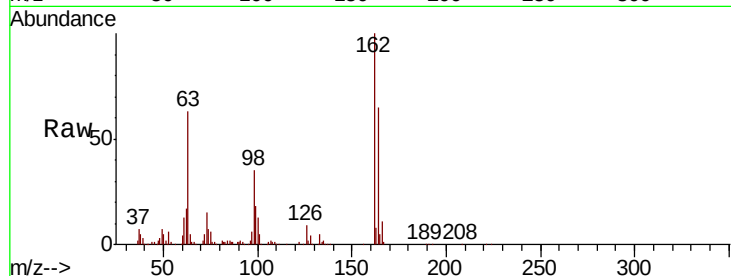




#29
 2,4-Dichlorophenol
 Concen: 39.897 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

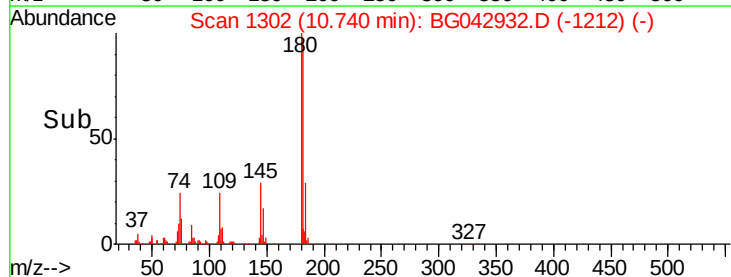
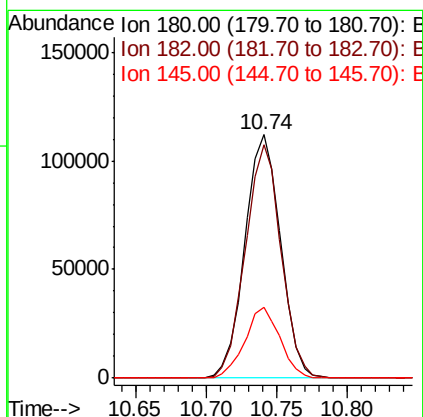
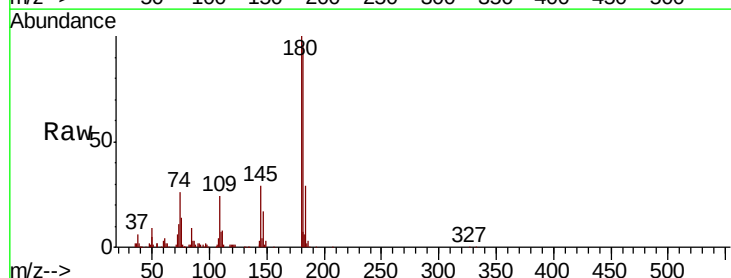
Instrument :
 BNA_G
 ClientSampleId :

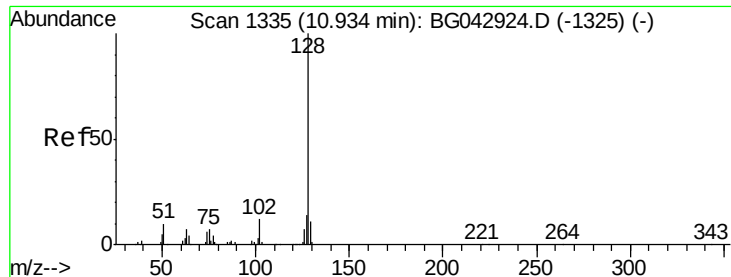
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.7	84.7
98	34.7	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.477 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	79.3	118.9
145	29.0	22.0	33.0

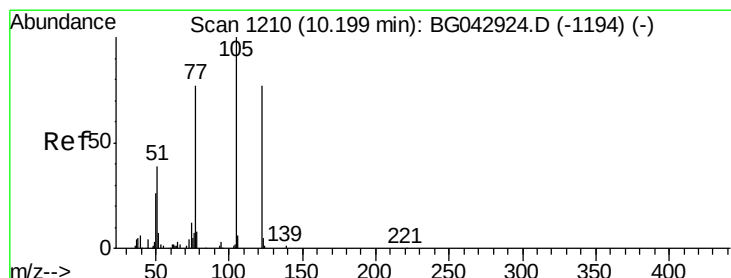
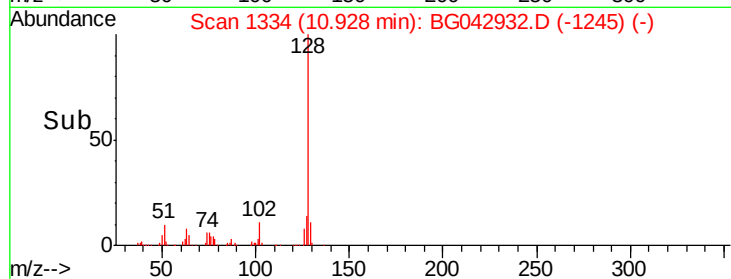
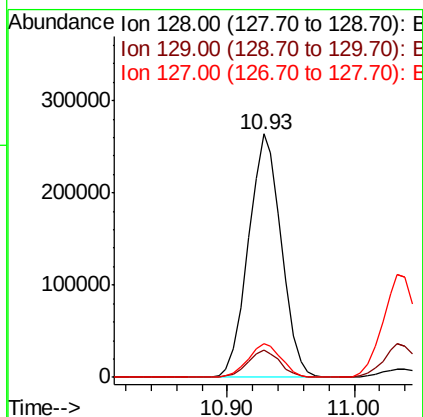
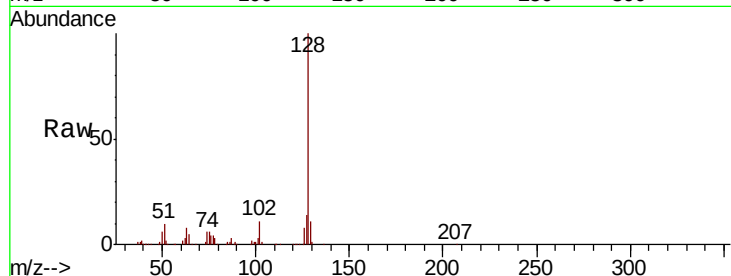




#31
Naphthalene
Concen: 38.498 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

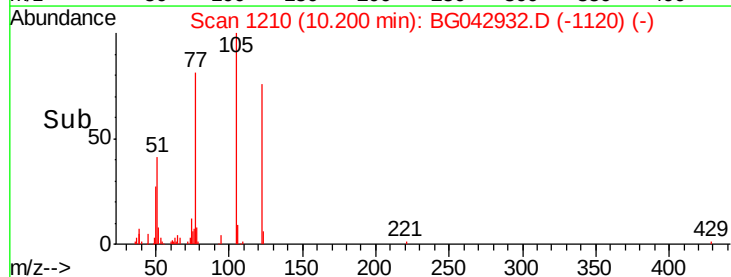
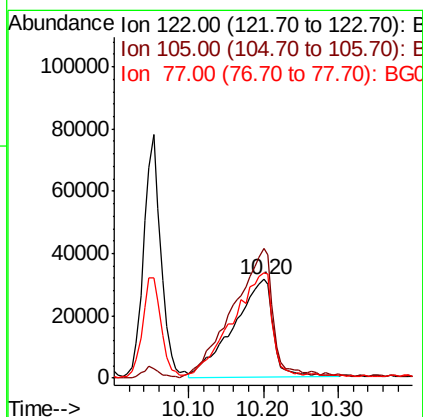
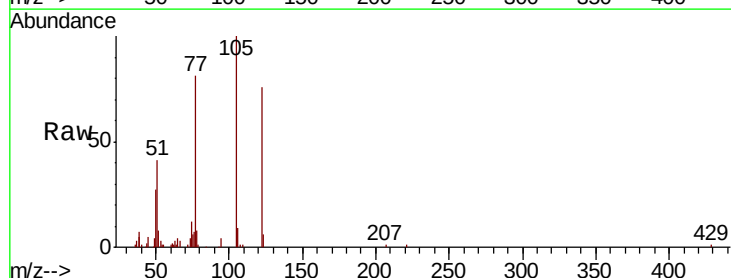
Instrument :
BNA_G
ClientSampleId :

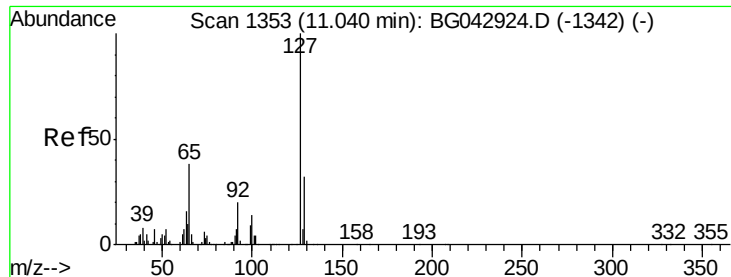
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 46.330 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	107.5	147.5
77	106.7	79.8	119.8

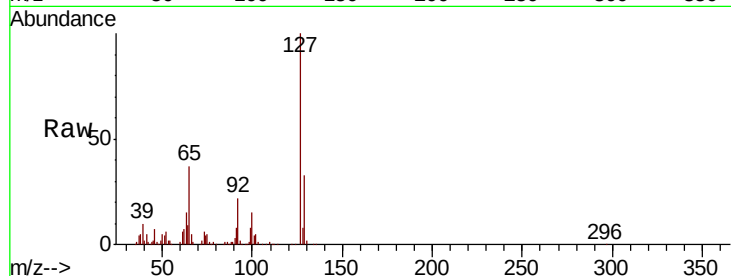




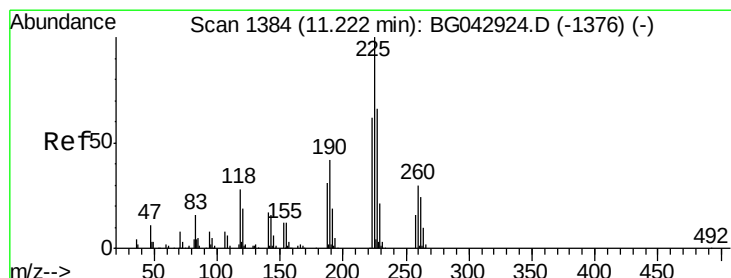
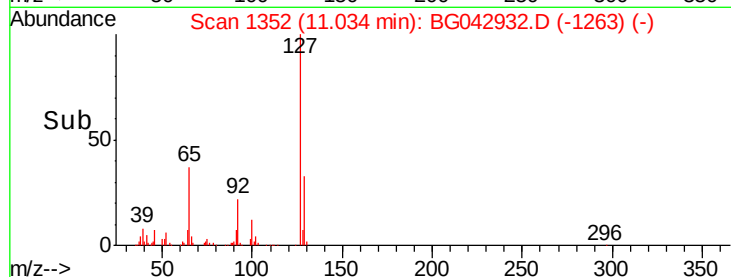
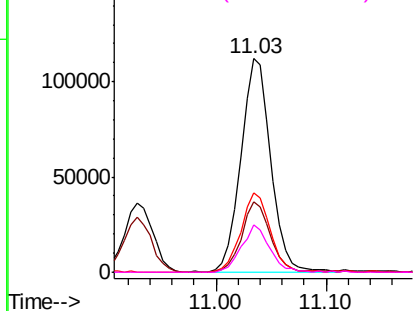
#33
4-Chloroaniline
Concen: 39.891 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	213506
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	37.0	30.6	45.8
92	22.2	16.2	24.4

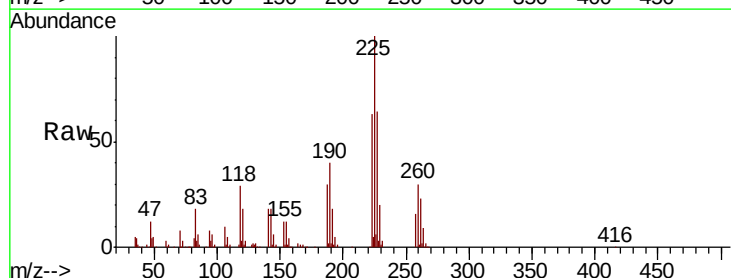


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

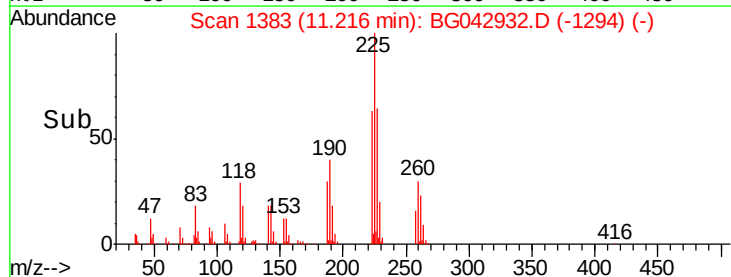
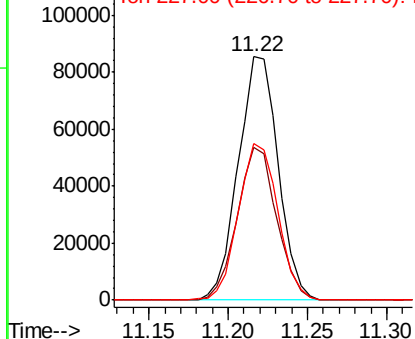


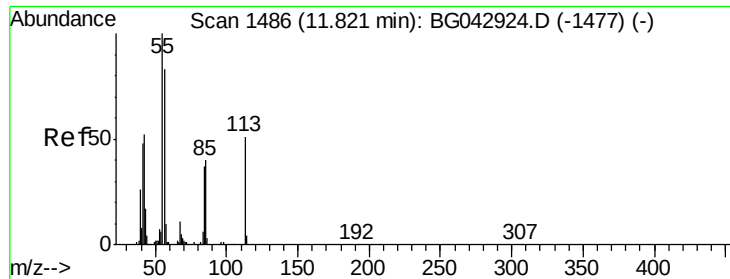
#34
Hexachlorobutadiene
Concen: 38.645 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion:	225	Resp:	149395
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.3	73.9
227	64.2	52.8	79.2



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

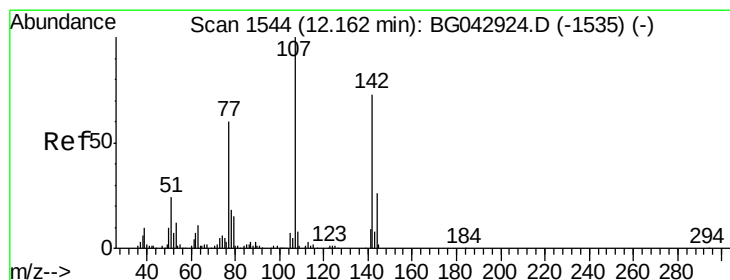
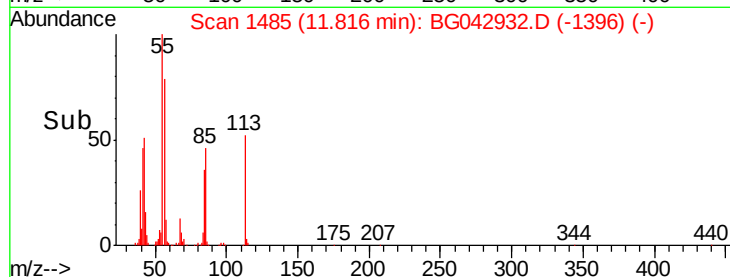
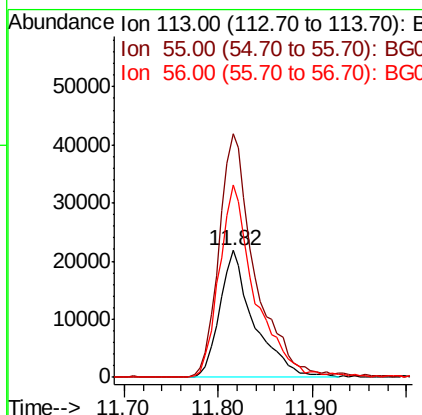
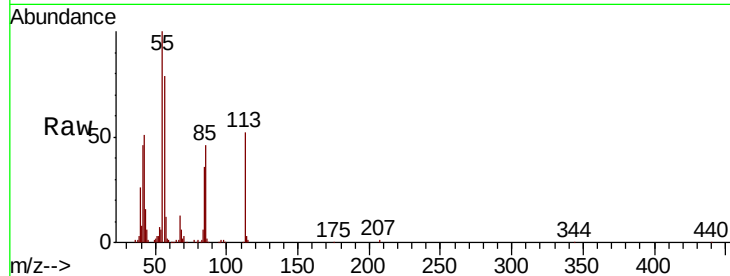




#35
 Caprolactam
 Concen: 39.416 ng
 RT: 11.82 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

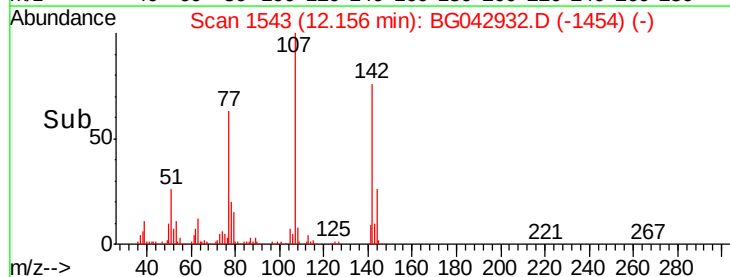
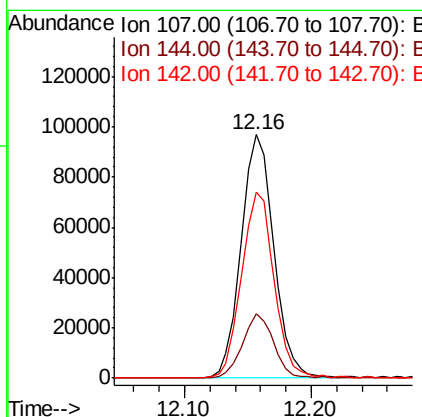
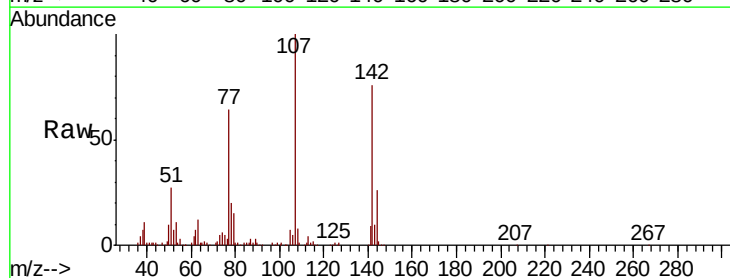
Instrument :
 BNA_G
 ClientSampled :

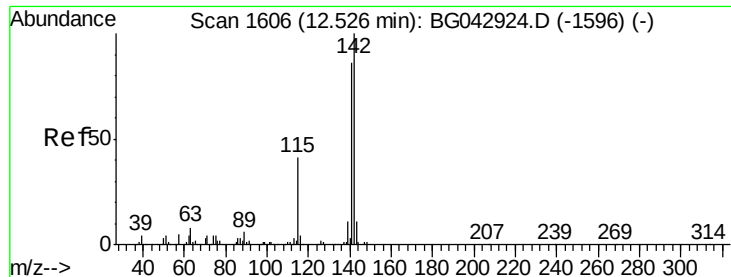
Tot Ion	Ratio	Lower	Upper
113	100		
55	192.2	175.5	215.5
56	152.1	142.3	182.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.005 ng
 RT: 12.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.7	31.1
142	76.4	58.6	87.8

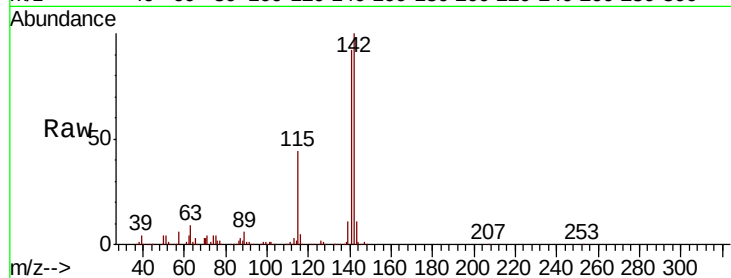




#37
2-Methylnaphthalene
Concen: 38.673 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	69.0	103.4
115	44.3	32.8	49.2

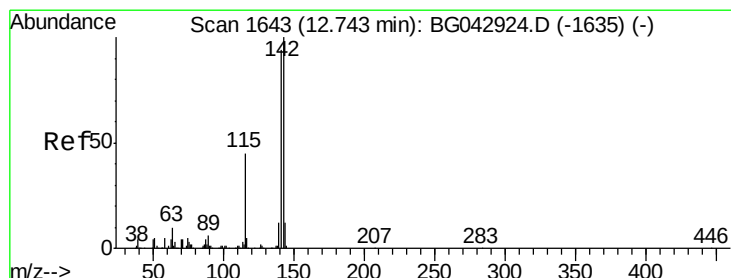
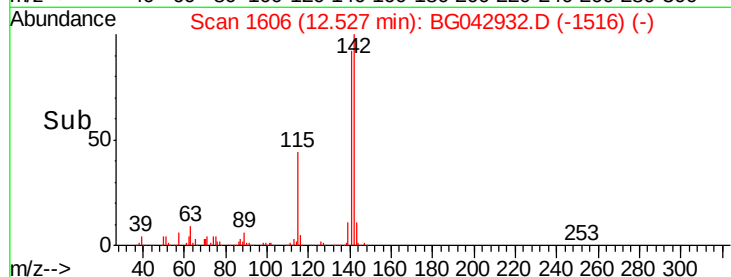
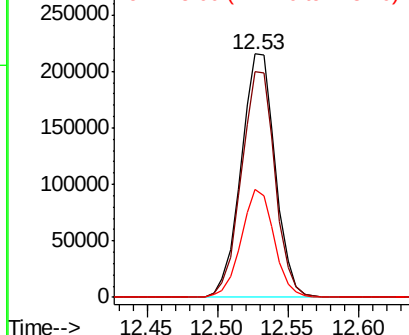


Abundance

Ion 142.00 (141.70 to 142.70): E

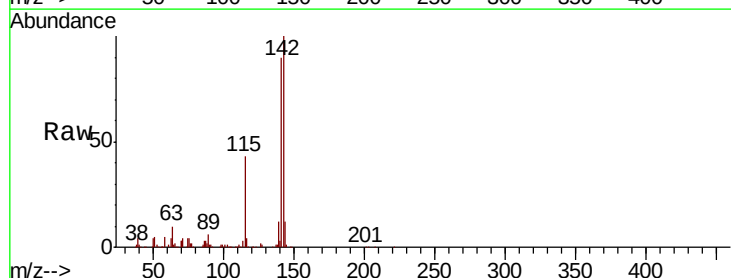
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.154 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.9	112.3
116	4.5	3.7	5.5

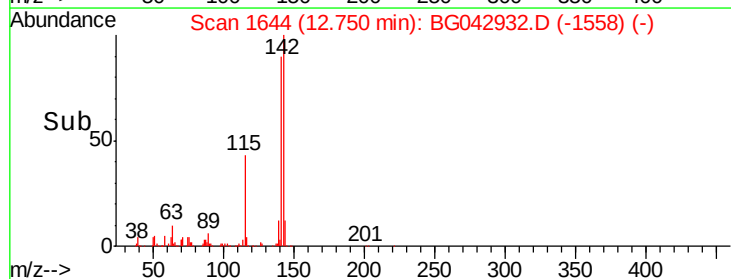
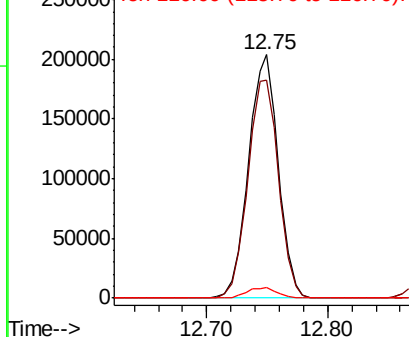


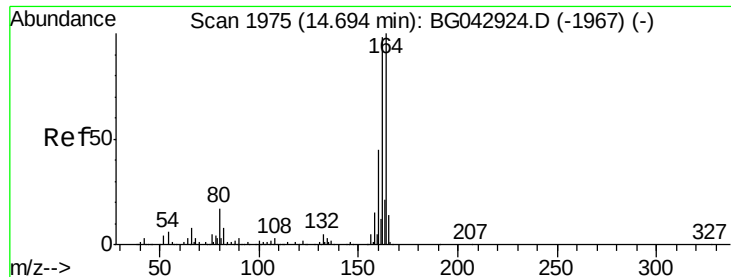
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

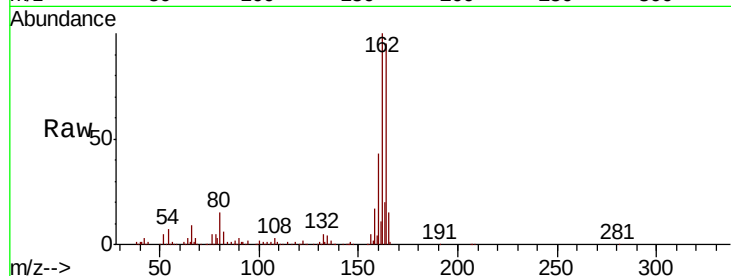
Tot Ion:164 Resp: 182345

Ion Ratio Lower Upper

164 100

162 105.6 78.5 117.7

160 45.5 35.9 53.9

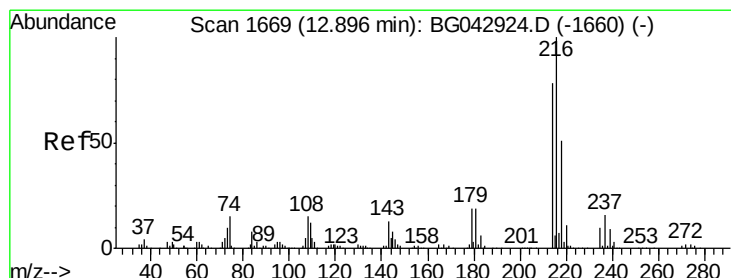
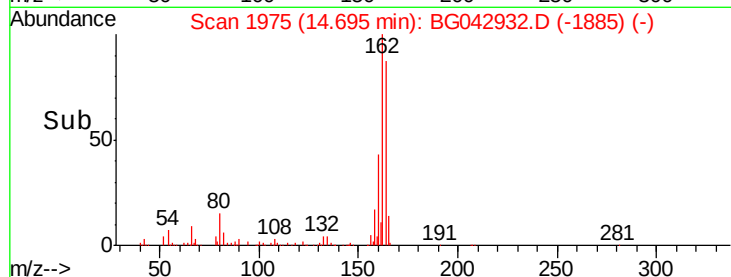
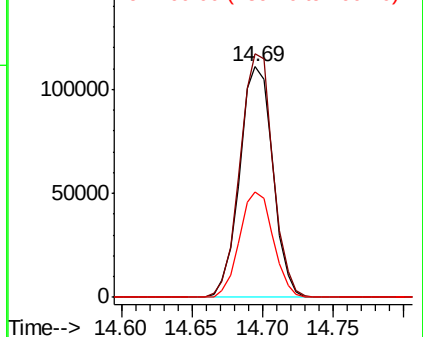


Abundance

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: 45.023 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Tgt Ion:216 Resp: 308682

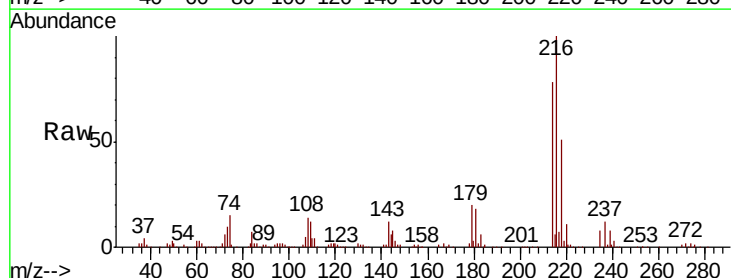
Ion Ratio Lower Upper

216 100

214 78.9 62.4 93.6

179 19.5 15.4 23.2

108 15.2 12.6 19.0



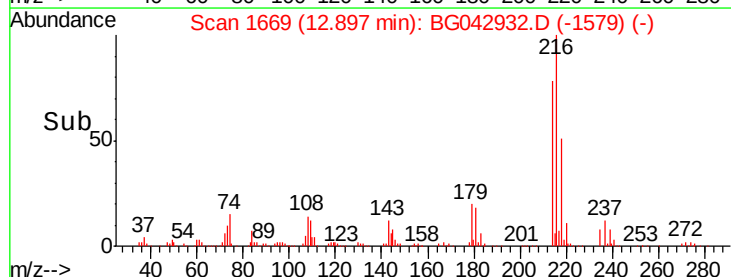
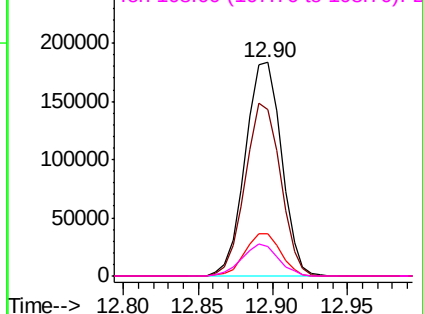
Abundance

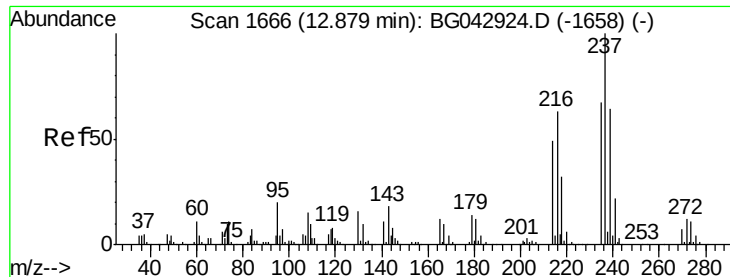
Ion 216.00 (215.70 to 216.70): E

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: 38.736 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampled :

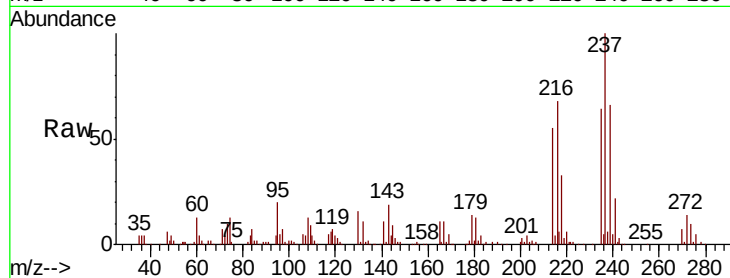
Tot Ion:237 Resp: 169214

Ion Ratio Lower Upper

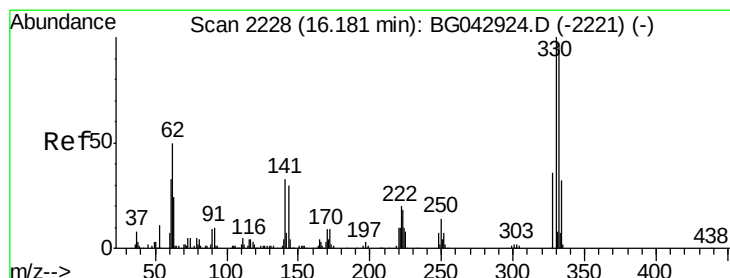
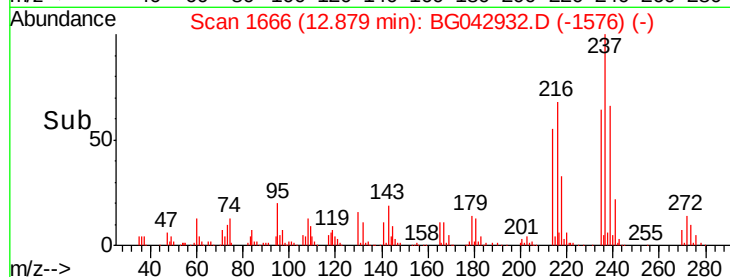
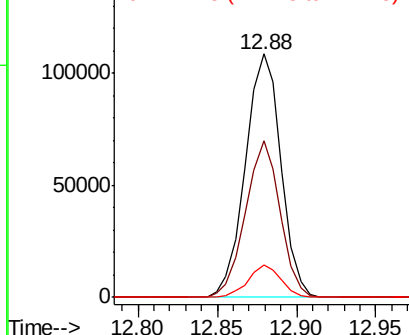
237 100

235 64.1 46.7 86.7

272 13.6 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: 80.084 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

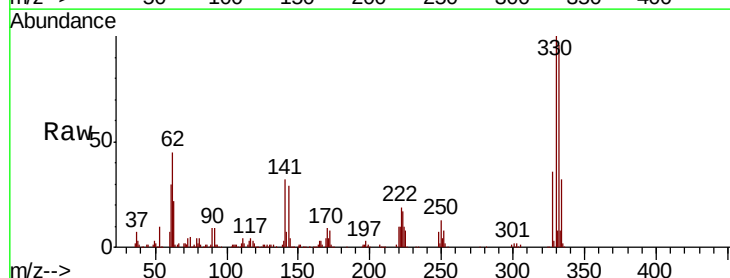
Tgt Ion:330 Resp: 251107

Ion Ratio Lower Upper

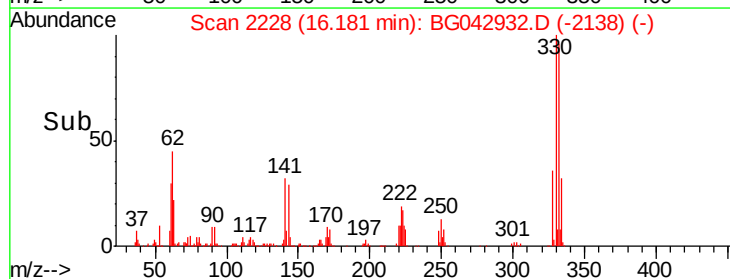
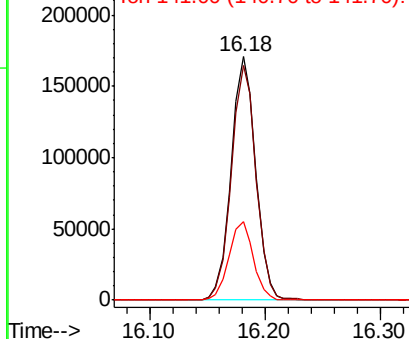
330 100

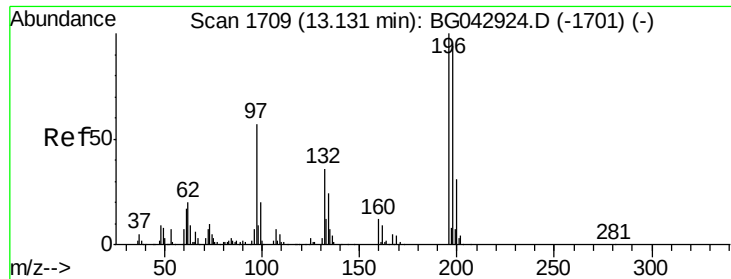
332 96.6 78.2 117.2

141 32.1 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

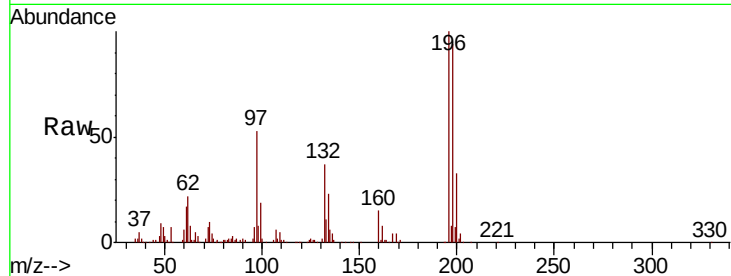




#43
 2,4,6-Trichlorophenol
 Concen: 38.778 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	155611
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.5	113.3
200	32.7	24.9	37.3

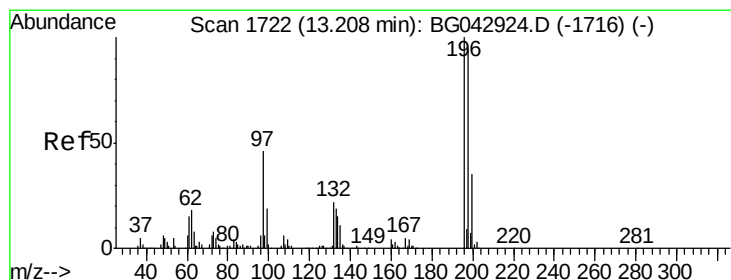
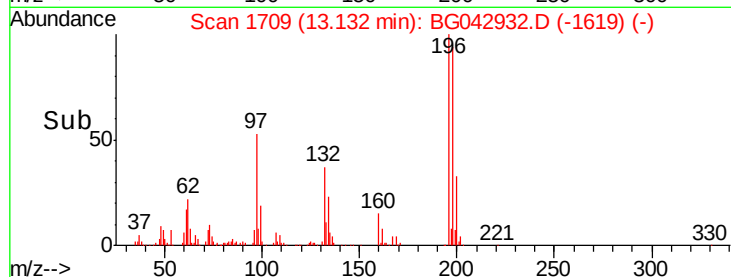
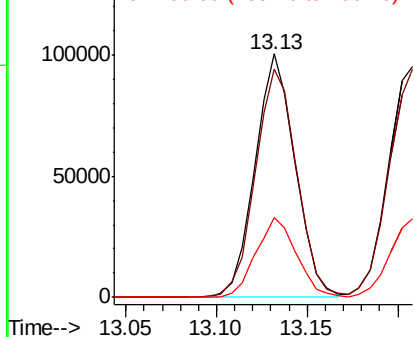


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.831 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	196	Resp	164655
Ion Ratio	Lower	Upper	
196	100		
198	99.0	75.1	112.7
97	48.3	37.0	55.4
132	22.9	17.5	26.3

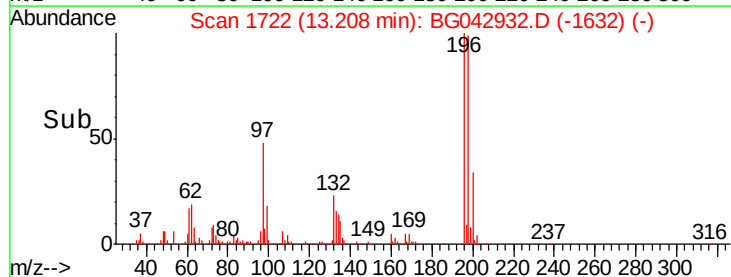
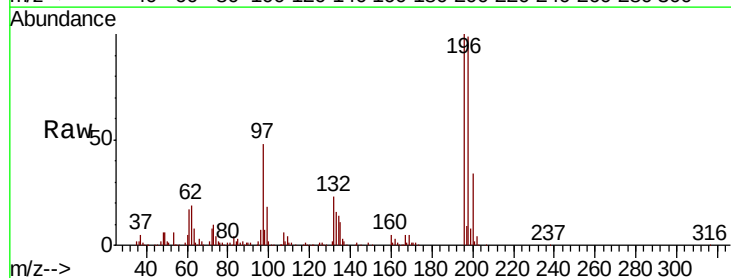
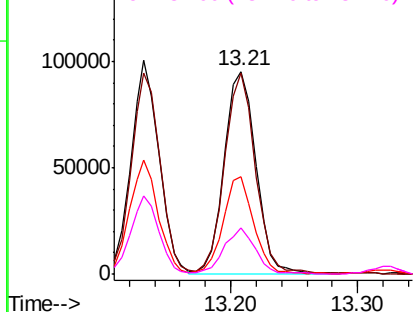
Abundance

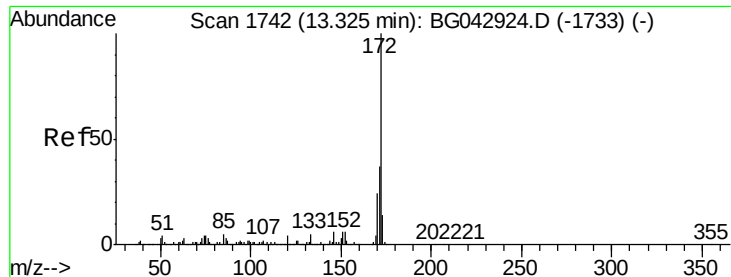
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

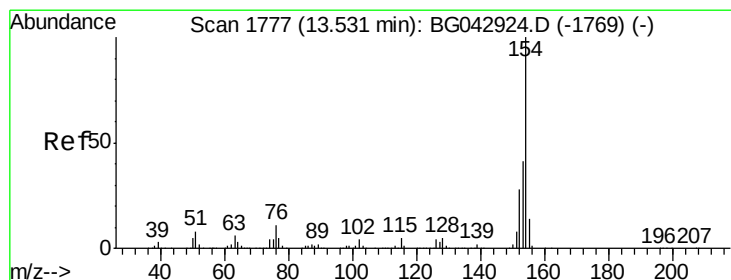
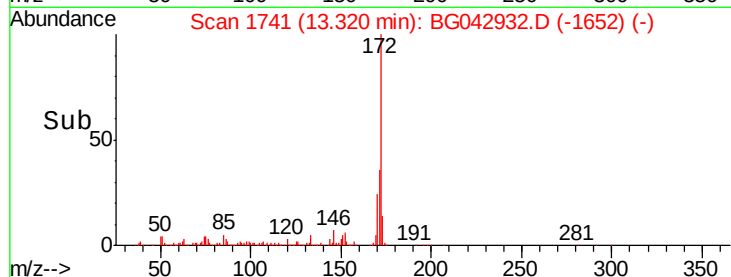
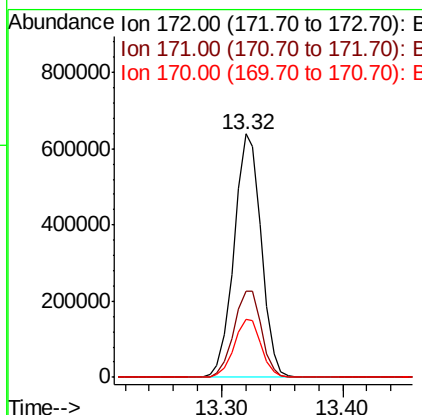
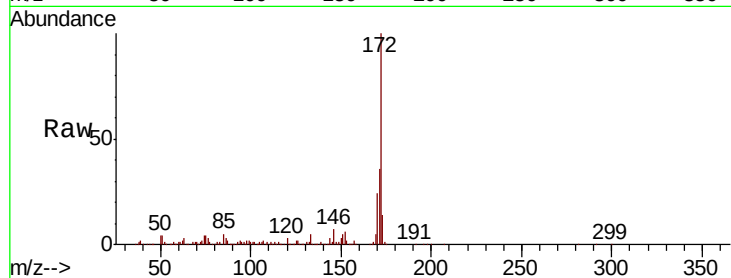




#45
2-Fluorobiphenyl
Concen: 79.352 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

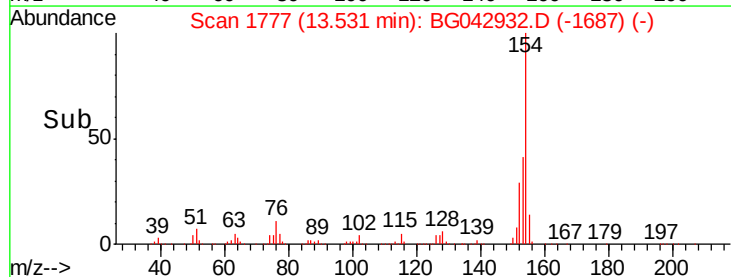
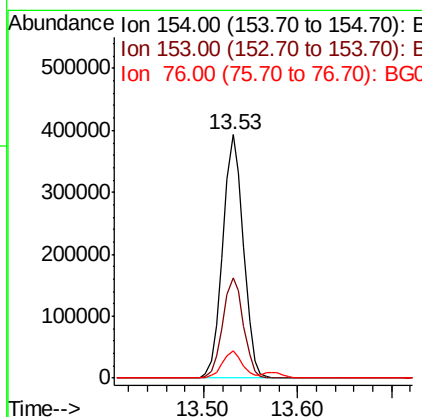
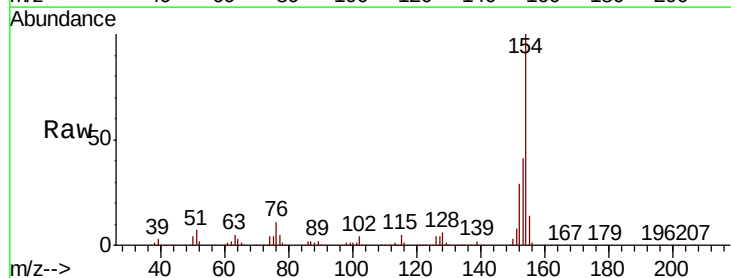
Instrument :
BNA_G
ClientSampleId :

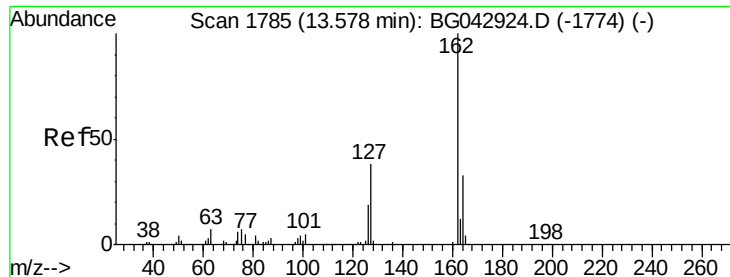
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.0	19.6	29.4



#46
1,1'-Biphenyl
Concen: 43.479 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	11.4	0.0	31.3

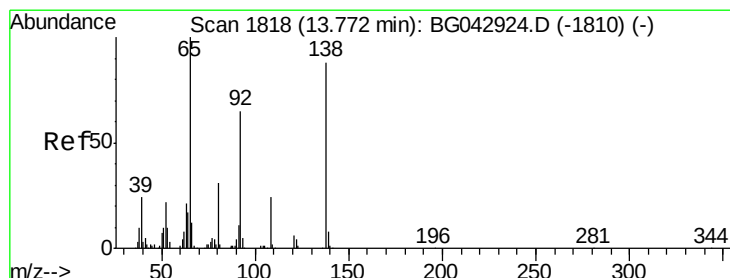
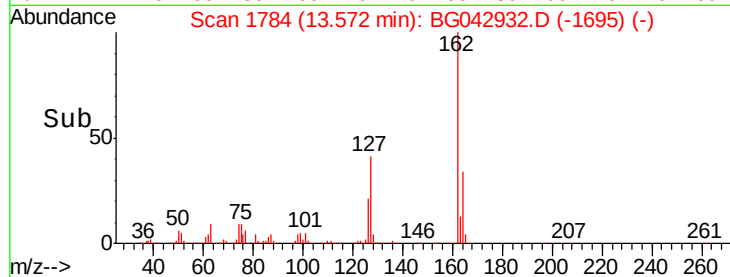
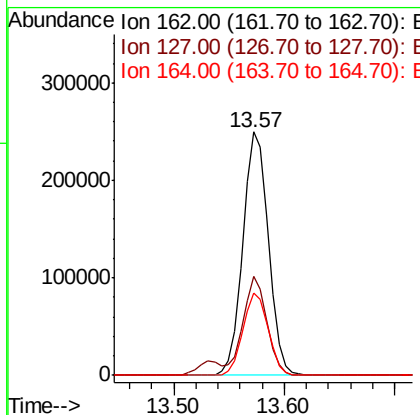
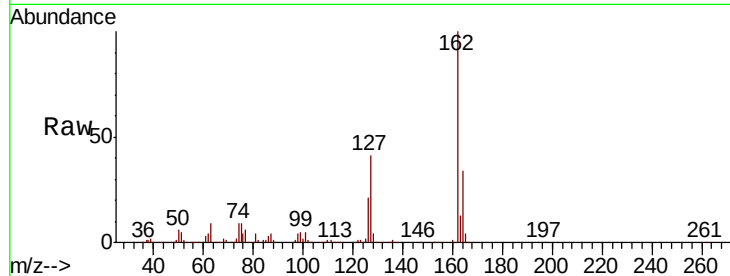




#47
 2-Chloronaphthalene
 Concen: 39.206 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

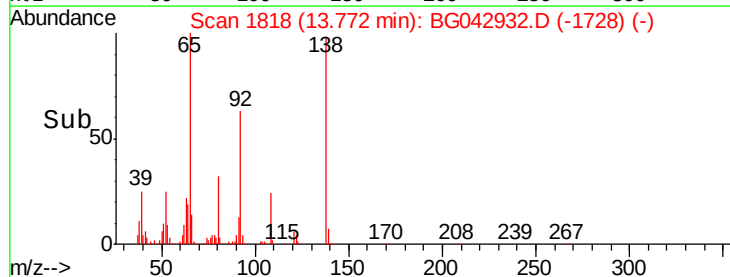
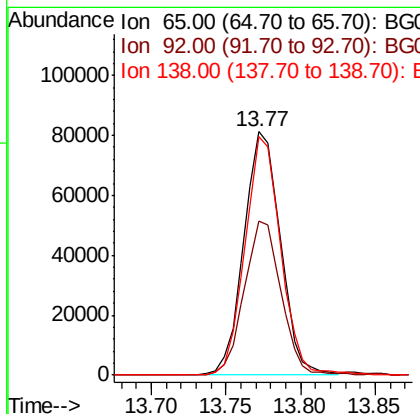
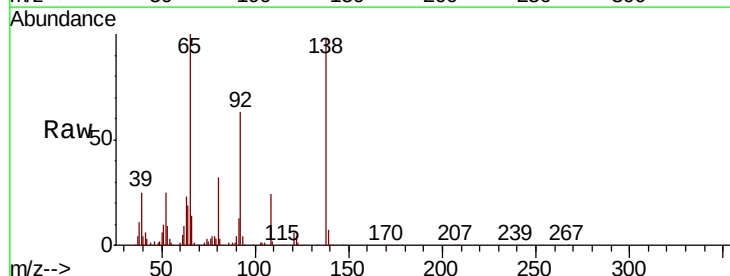
Instrument :
 BNA_G
 ClientSampleId :

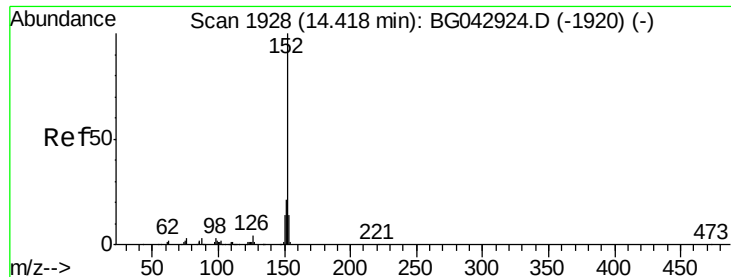
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.0	46.6
164	33.7	26.2	39.2



#48
 2-Nitroaniline
 Concen: 39.860 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	52.0	78.0
138	98.2	70.4	105.6





#49

Acenaphthylene

Concen: 39.299 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampled :

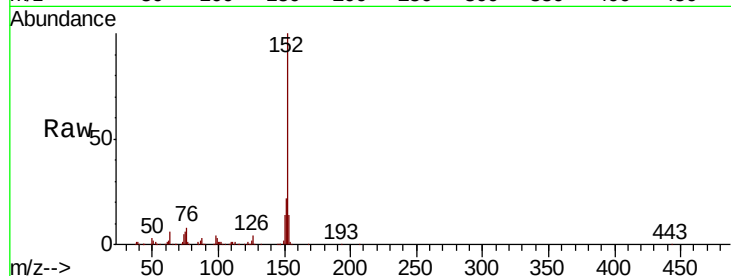
Tot Ion:152 Resp: 623440

Ion Ratio Lower Upper

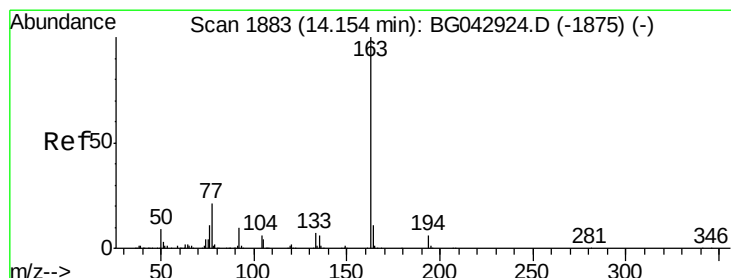
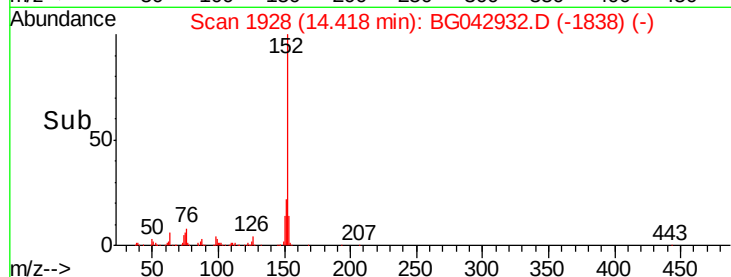
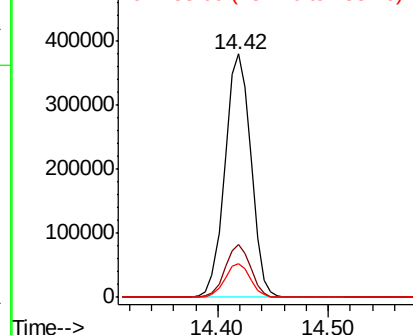
152 100

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: 39.201 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

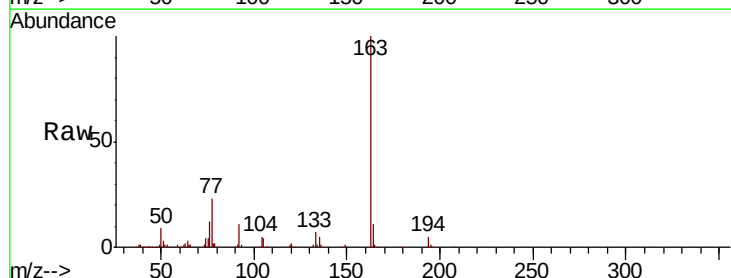
Tgt Ion:163 Resp: 535580

Ion Ratio Lower Upper

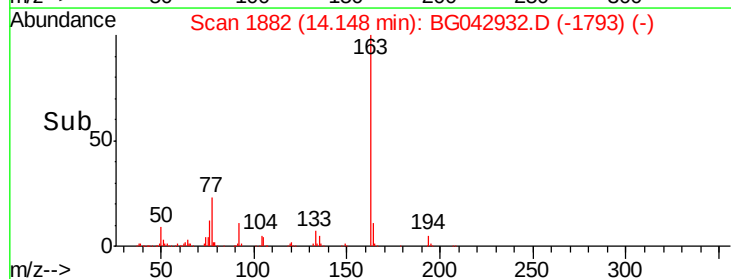
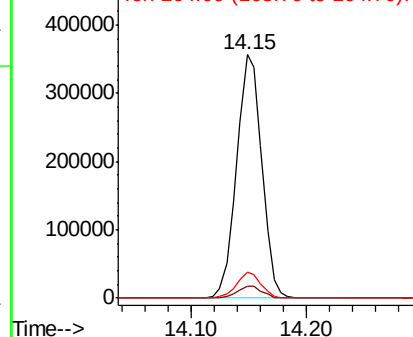
163 100

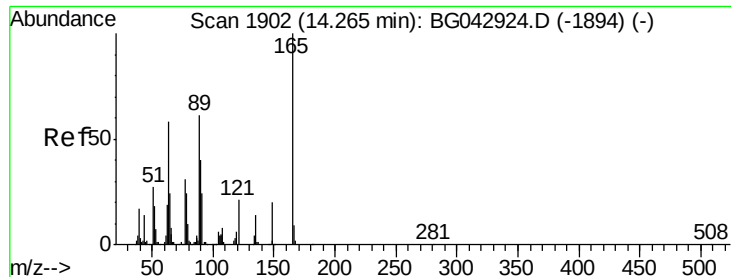
194 4.8 4.4 6.6

164 10.9 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

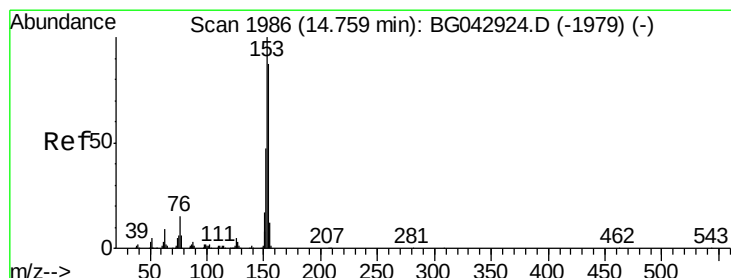
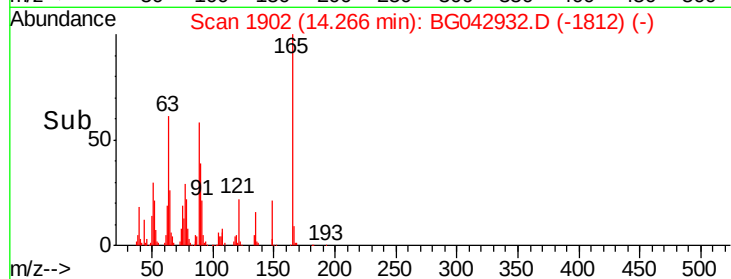
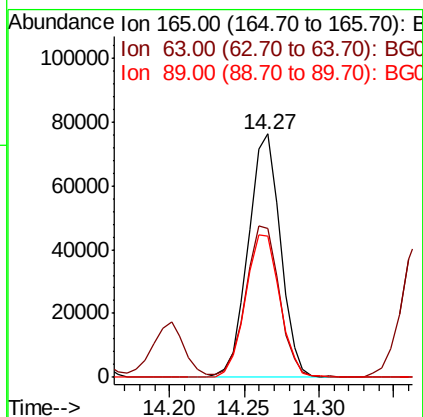
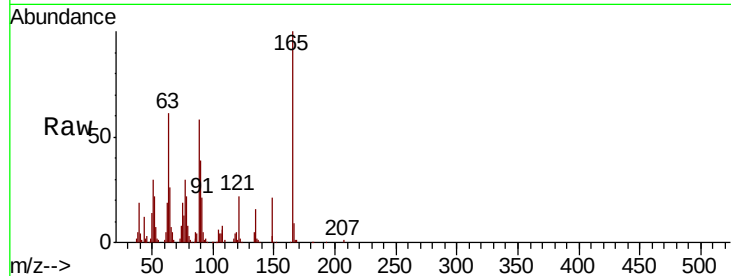




#51
 2,6-Dinitrotoluene
 Concen: 39.037 ng
 RT: 14.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

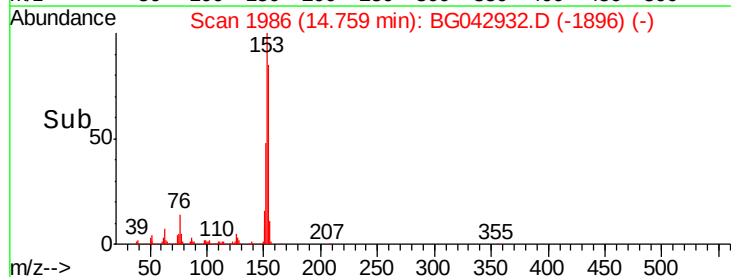
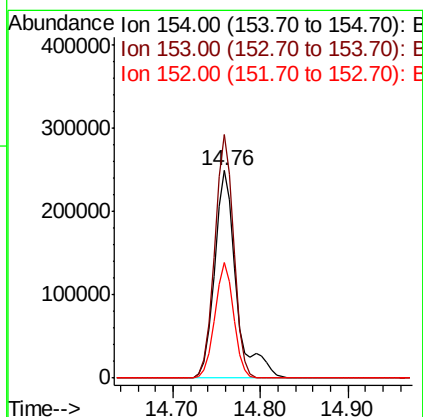
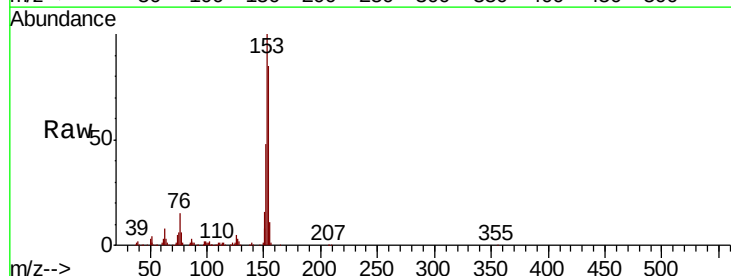
Instrument :
 BNA_G
 ClientSampled :

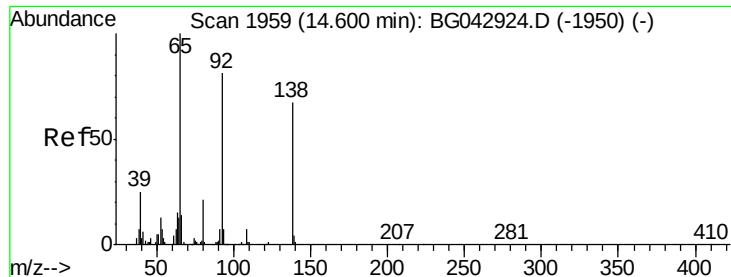
Tot Ion:165 Resp: 113578
 Ion Ratio Lower Upper
 165 100
 63 61.2 50.3 75.5
 89 58.1 48.9 73.3



#52
 Acenaphthene
 Concen: 40.423 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion:154 Resp: 429234
 Ion Ratio Lower Upper
 154 100
 153 117.5 91.4 137.0
 152 56.1 42.8 64.2





#53

3-Nitroaniline

Concen: 38.810 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

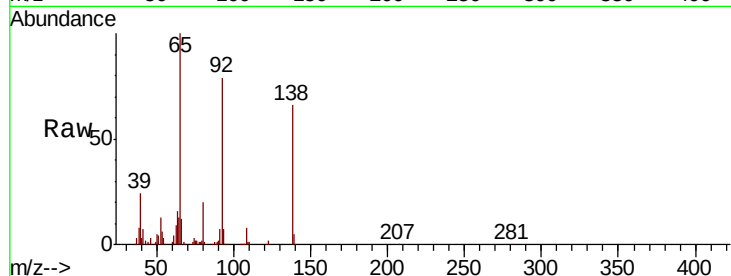
Tot Ion:138 Resp: 116694

Ion Ratio Lower Upper

138 100

108 11.6 7.9 11.9

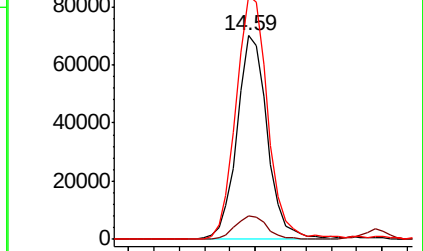
92 119.7 97.0 145.6



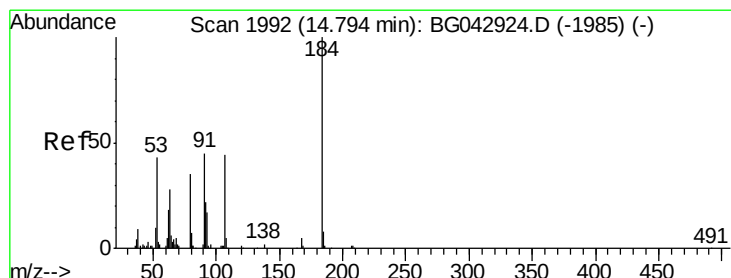
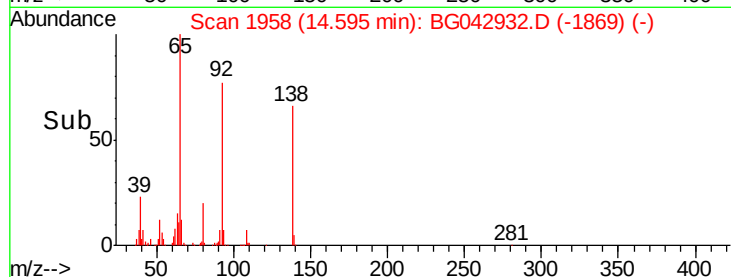
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time--> 14.50 14.60 14.70



#54

2,4-Dinitrophenol

Concen: 40.196 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

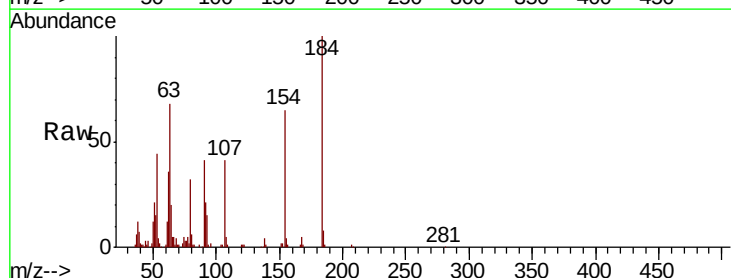
Tgt Ion:184 Resp: 72695

Ion Ratio Lower Upper

184 100

63 68.5 55.0 82.6

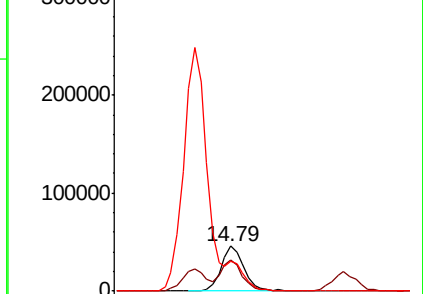
154 65.2 56.5 84.7



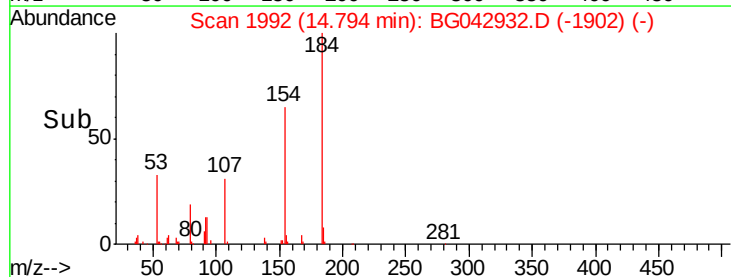
Abundance Ion 184.00 (183.70 to 184.70): E

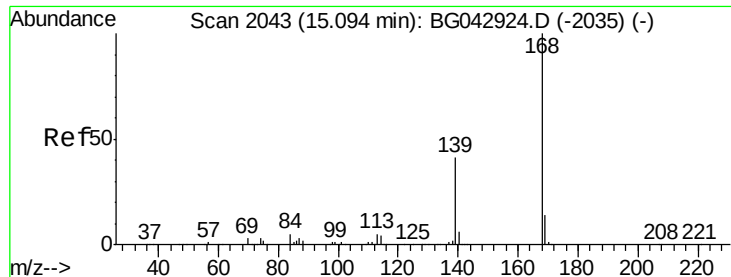
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



Time--> 14.70 14.80 14.90

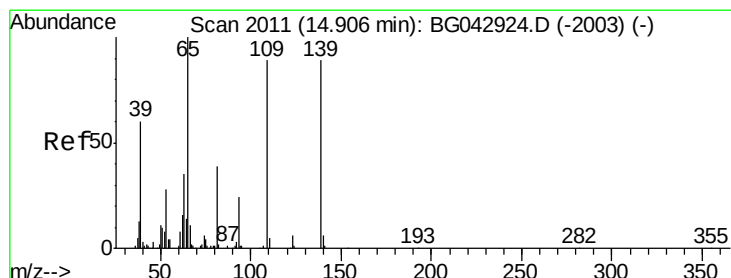
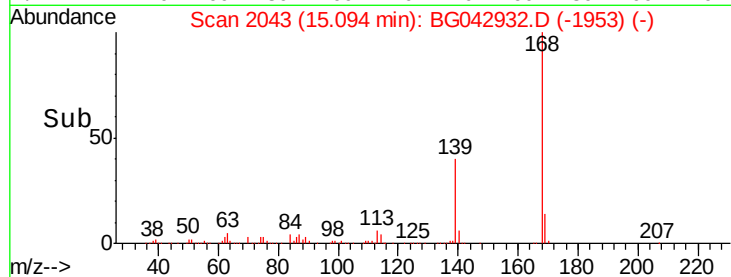
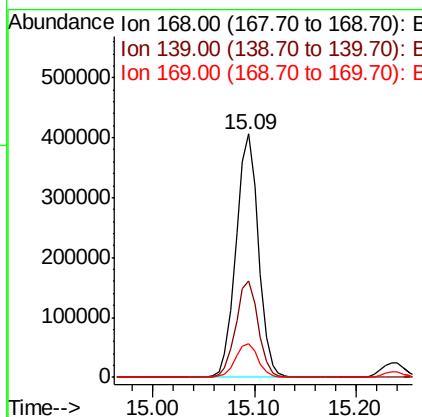
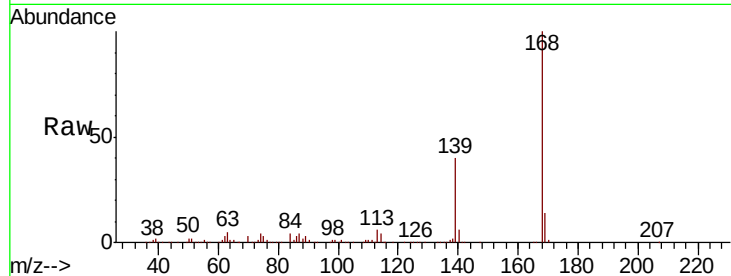




#55
Dibenzenofuran
Concen: 39.552 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

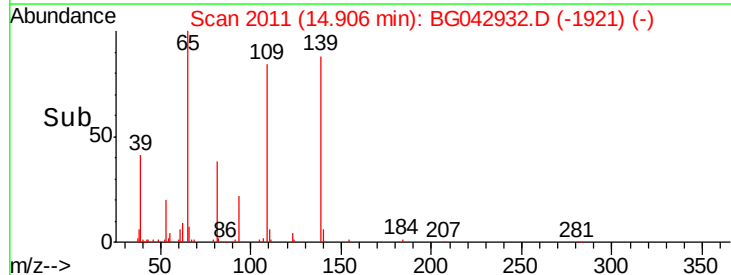
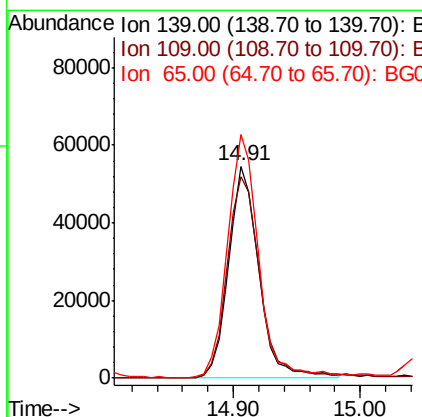
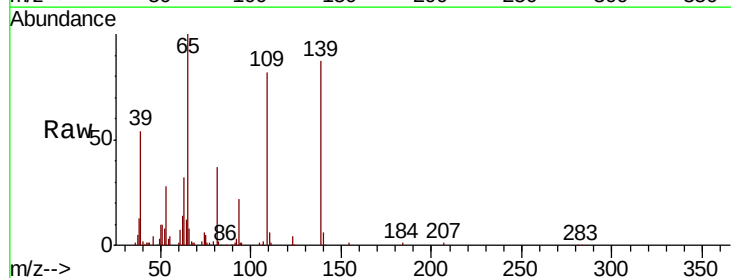
Instrument :
BNA_G
ClientSampled :

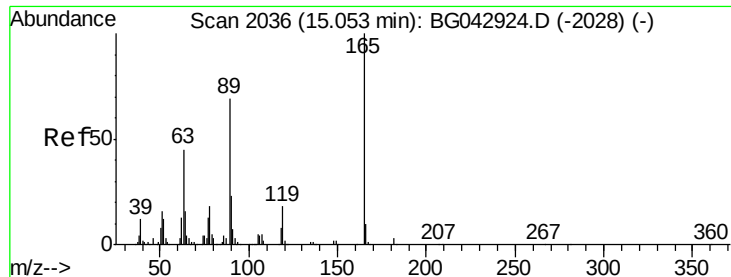
Tot Ion:168 Resp: 621281
Ion Ratio Lower Upper
168 100
139 39.7 32.6 48.8
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 39.278 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion:139 Resp: 89986
Ion Ratio Lower Upper
139 100
109 94.9 79.4 119.4
65 115.1 92.5 132.5





#57

2,4-Dinitrotoluene

Concen: 39.731 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 169281

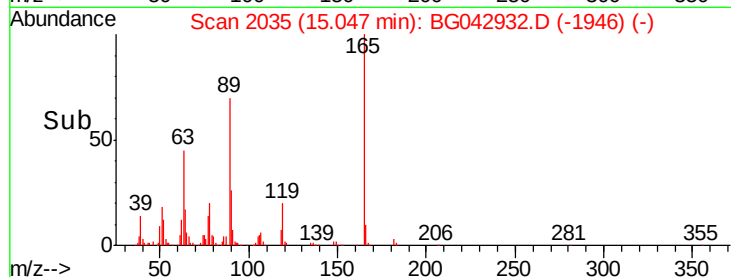
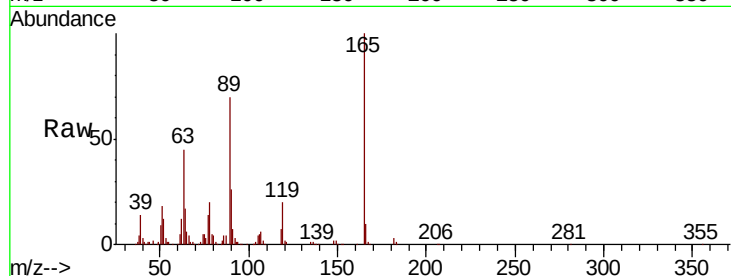
Ion Ratio Lower Upper

165 100

63 45.1 36.5 54.7

89 69.8 55.5 83.3

182 3.0 2.4 3.6

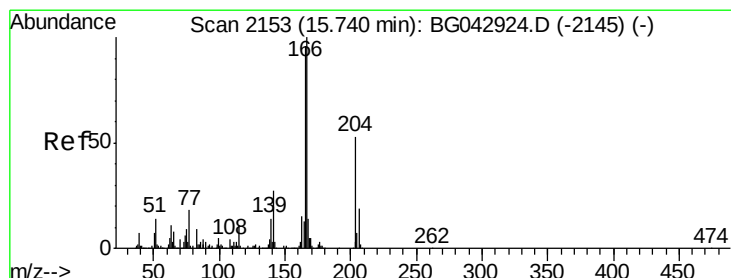
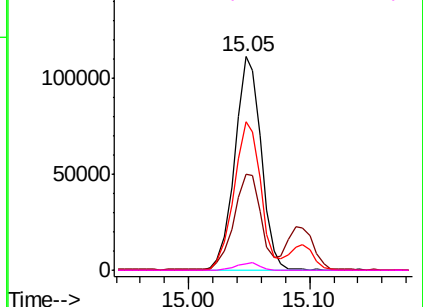


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.096 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

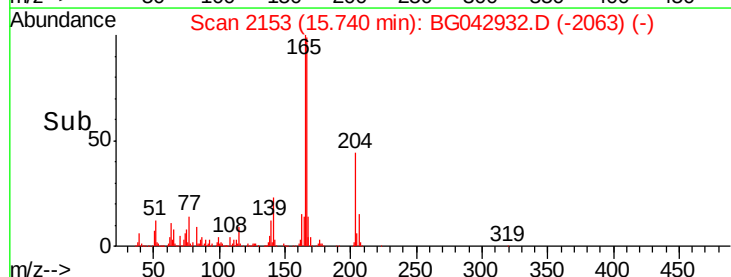
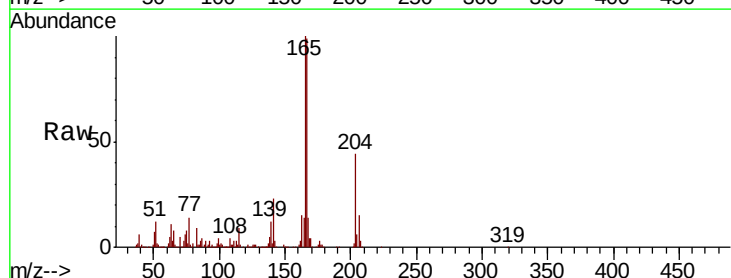
Tgt Ion:166 Resp: 524306

Ion Ratio Lower Upper

166 100

165 101.5 77.1 115.7

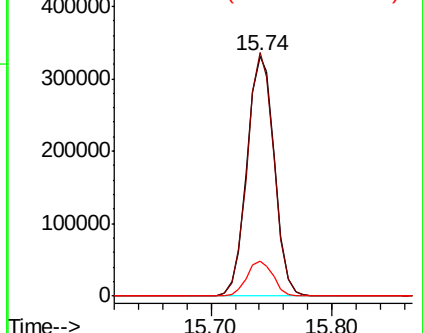
167 14.7 11.0 16.6

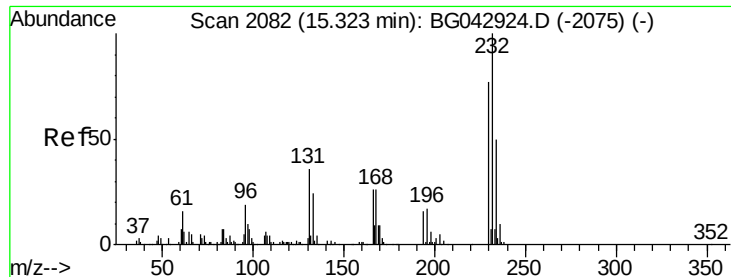


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

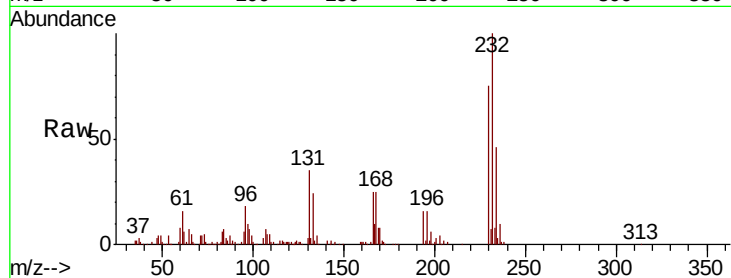




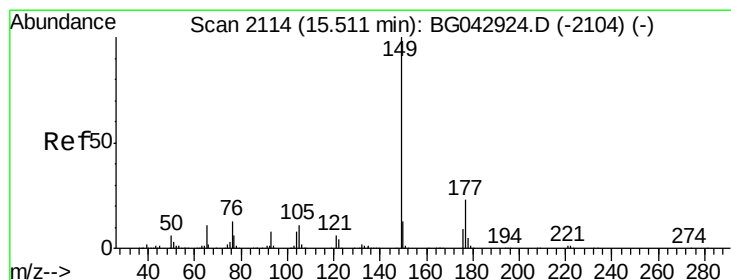
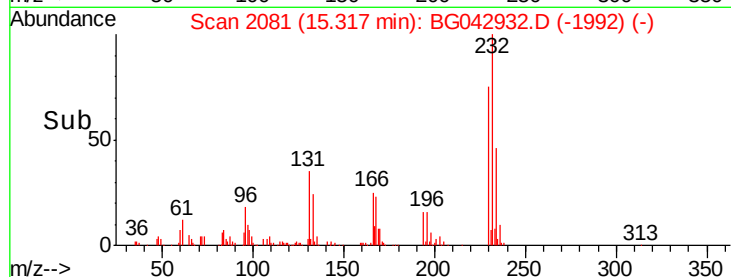
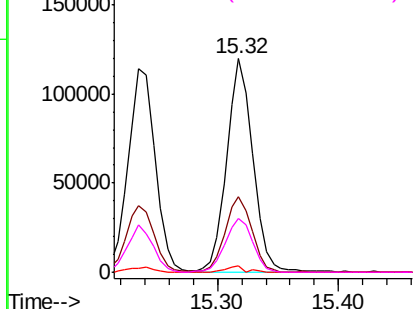
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.869 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	179887
Ion Ratio	Lower	Upper
232	100	
131	35.6	29.6 44.4
130	2.0	1.9 2.9
166	26.6	21.8 32.8

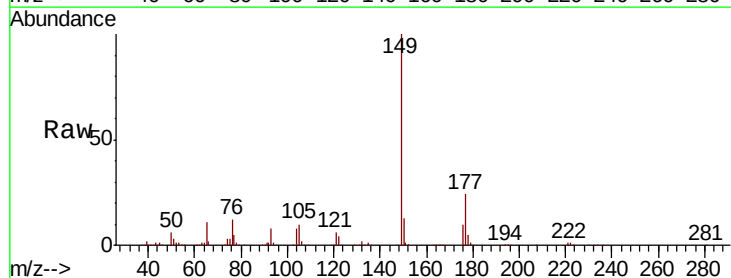


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

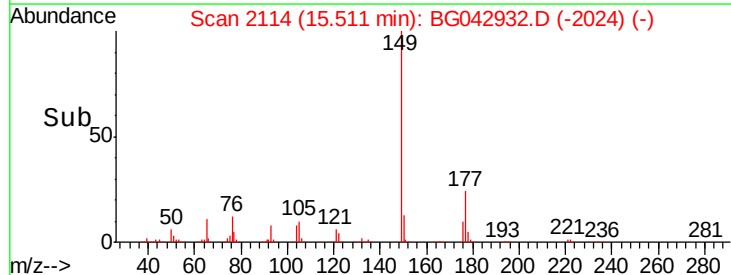
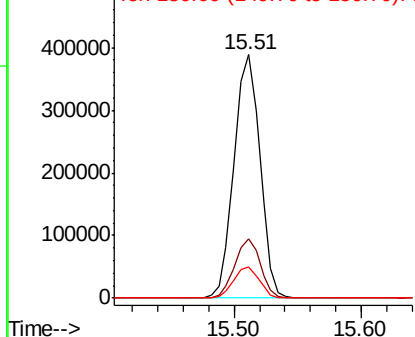


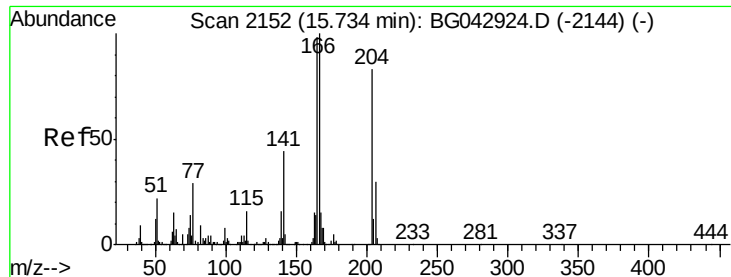
#60
 Diethylphthalate
 Concen: 39.399 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion:149	Resp:	547814
Ion Ratio	Lower	Upper
149	100	
177	24.1	18.8 28.2
150	12.9	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

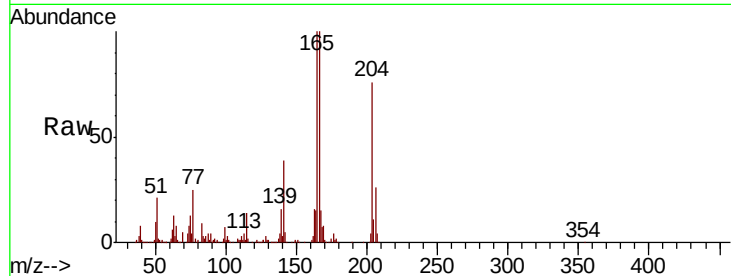




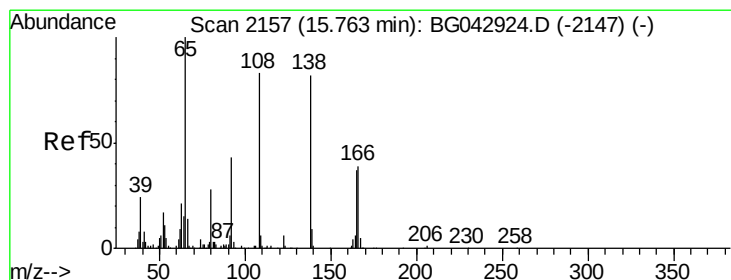
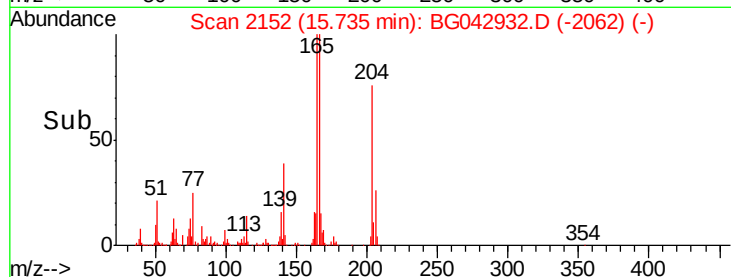
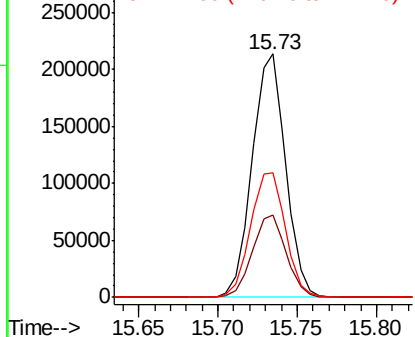
#61
 4-Chlorophenyl-phenylether
 Concen: 38.948 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.5	42.7
141	51.4	42.4	63.6

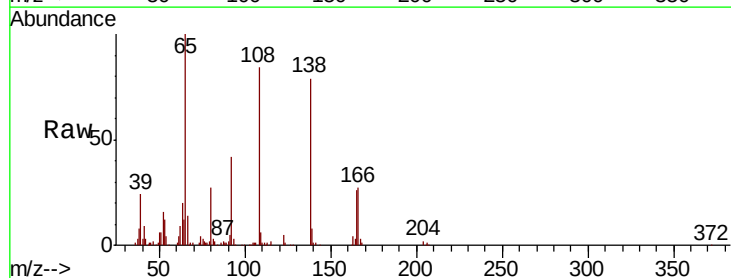


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

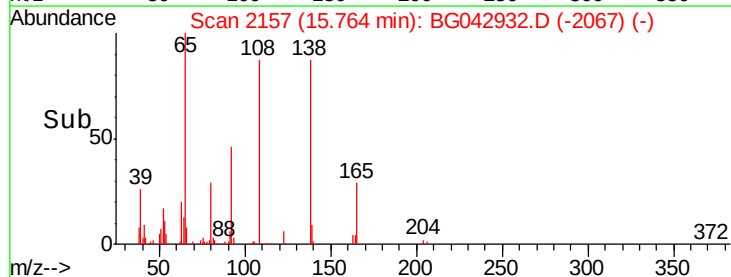
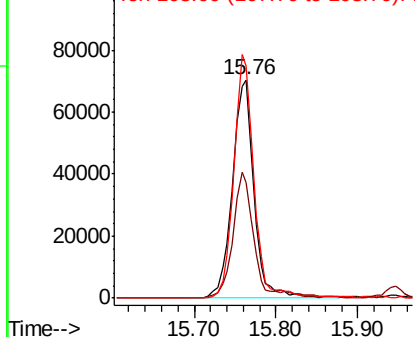


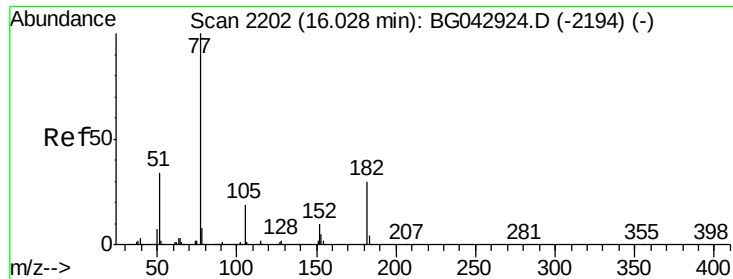
#62
 4-Nitroaniline
 Concen: 39.677 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	32.9	72.9
108	106.2	81.3	121.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.625 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 501614

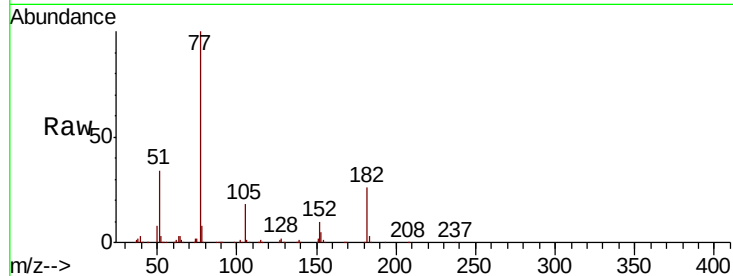
Ion Ratio Lower Upper

77 100

182 25.8 10.2 50.2

105 17.8 0.0 39.1

51 33.8 13.9 53.9

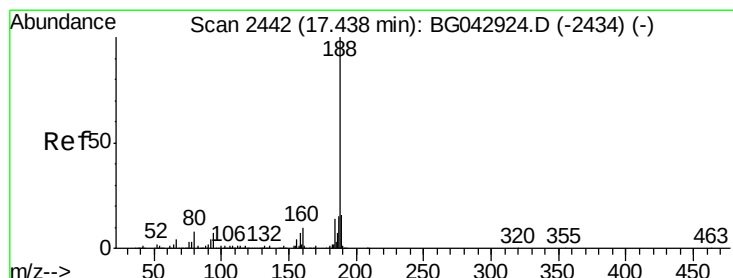
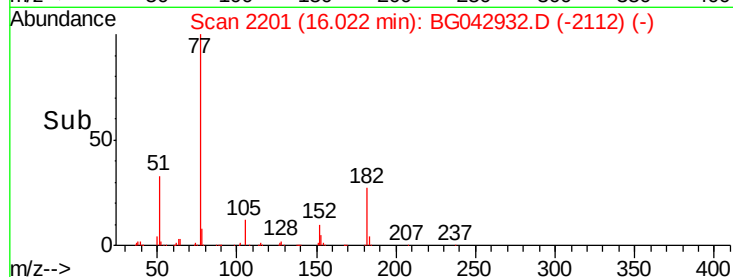
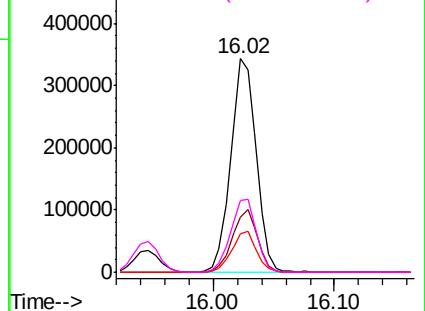


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG042932.D

Acq: 25 Sep 2019 18:21

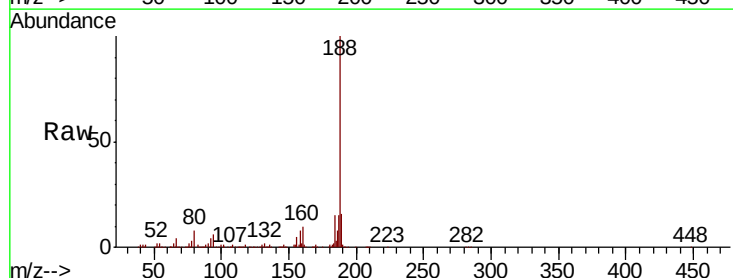
Tgt Ion: 188 Resp: 442119

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

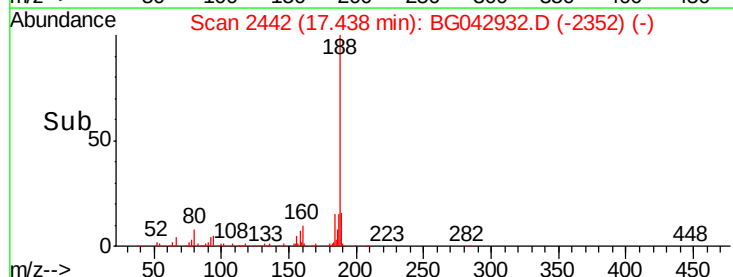
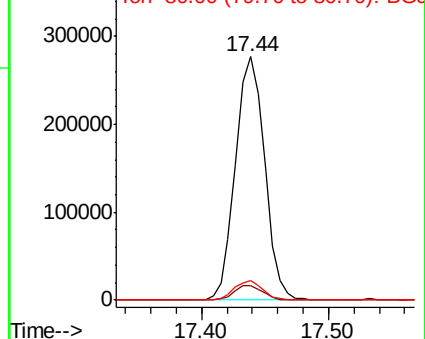
80 7.9 6.5 9.7

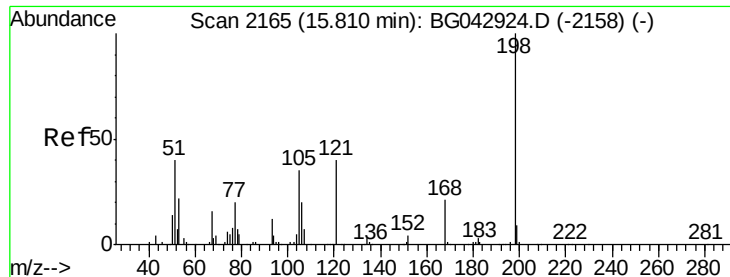


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.790 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

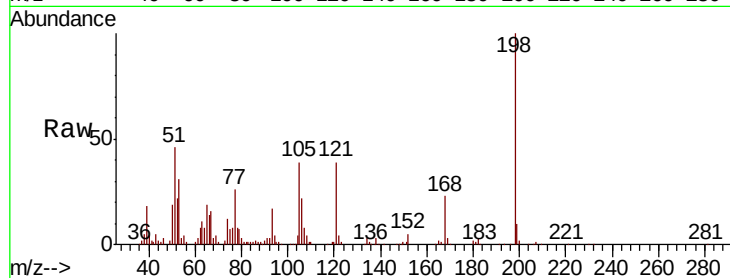
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 97046

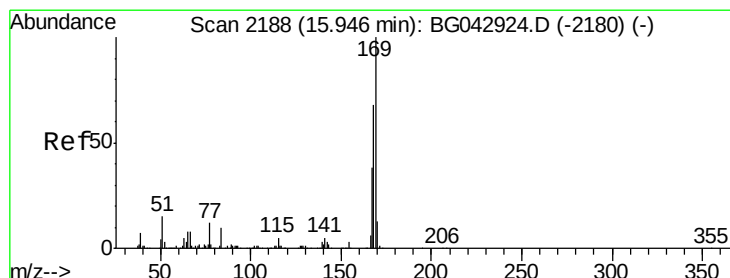
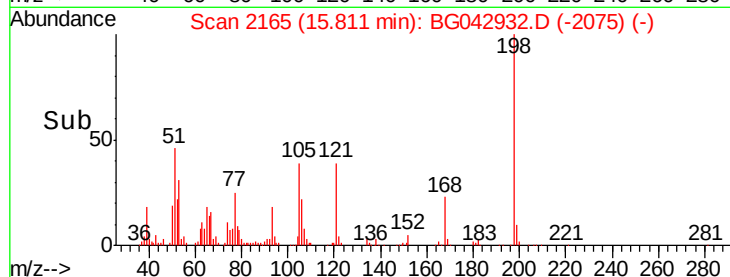
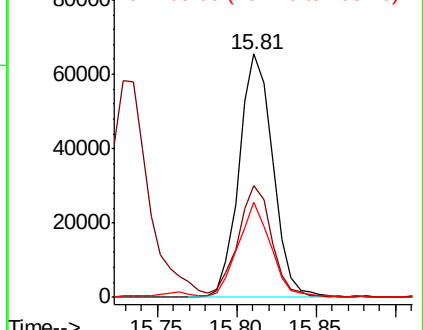
Ion	Ratio	Lower	Upper
198	100		
51	45.9	25.3	65.3
105	39.0	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.388 ng

RT: 15.95 min Scan# 2188

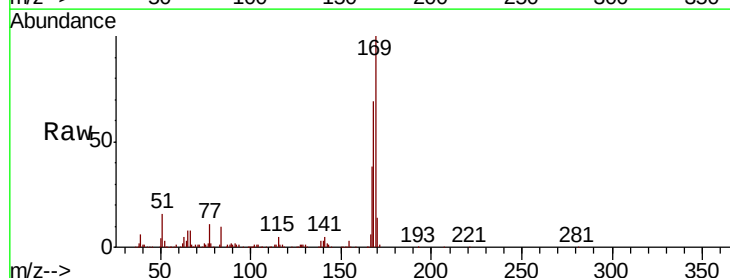
Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Tgt Ion:169 Resp: 459714

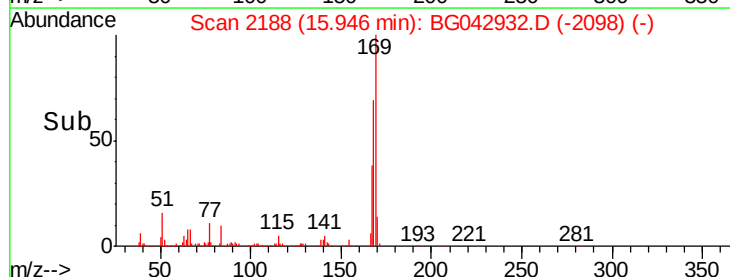
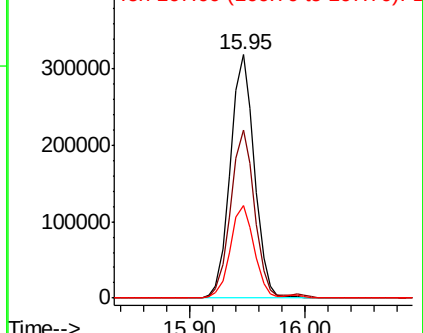
Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.8	82.2
167	37.8	30.6	46.0

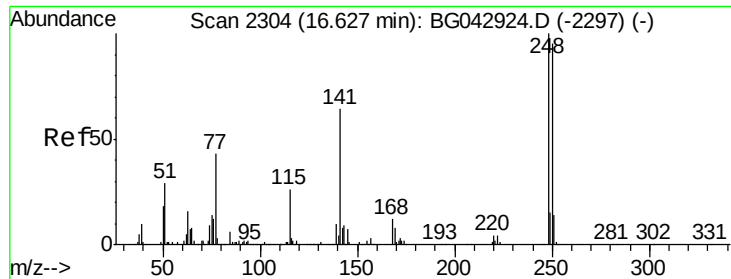


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

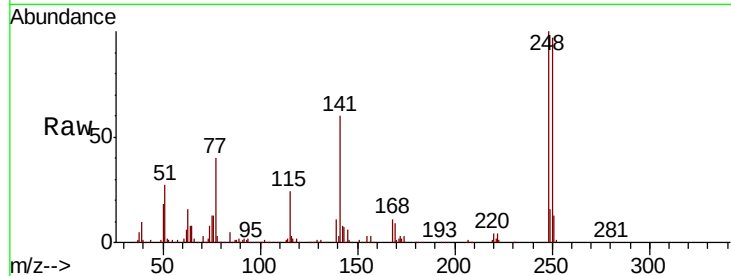




#67
4-Bromophenyl-phenylether
Concen: 39.778 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	75.8	113.8
141	60.0	51.1	76.7

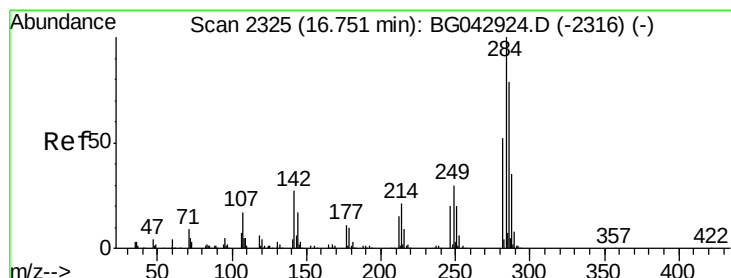
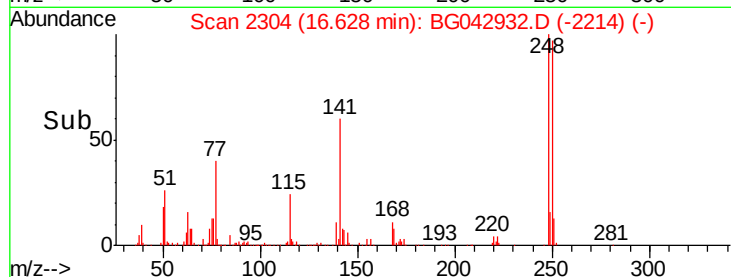
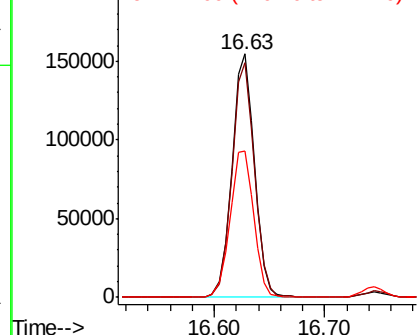


Abundance

Ion 248.00 (247.70 to 248.70): E

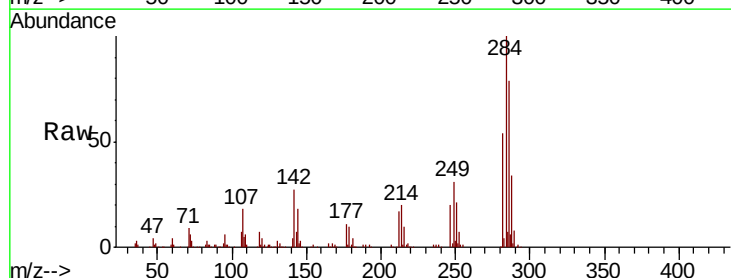
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.577 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.6	32.4
249	31.3	24.1	36.1

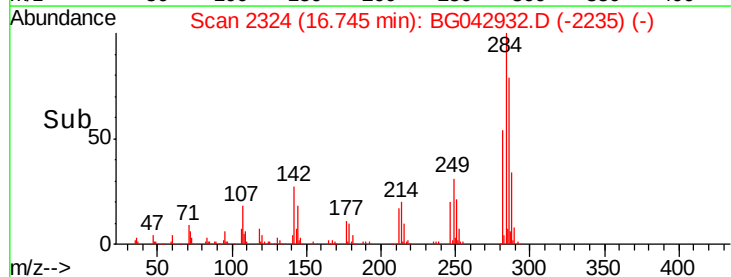
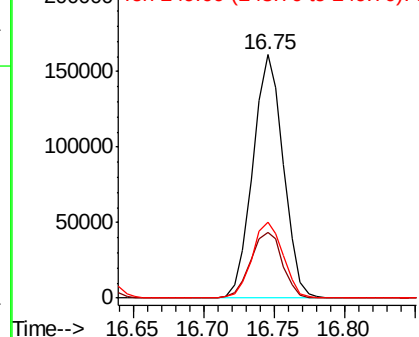


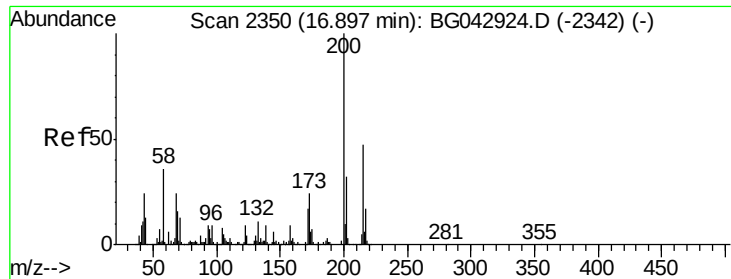
Abundance

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: 39.159 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

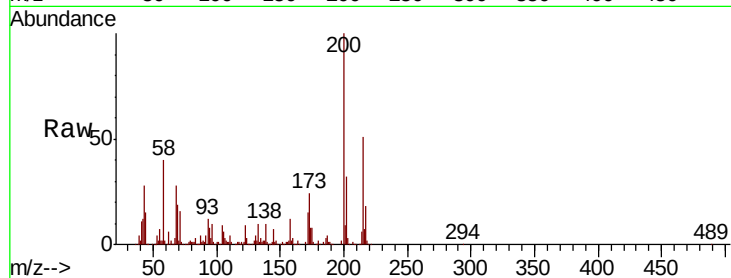
Tot Ion:200 Resp: 192458

Ion Ratio Lower Upper

200 100

173 24.1 4.0 44.0

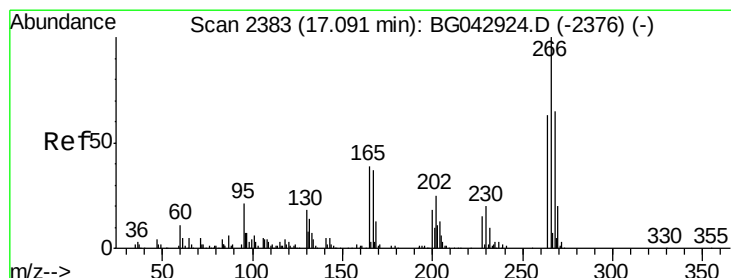
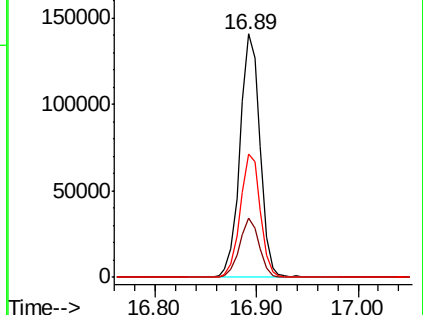
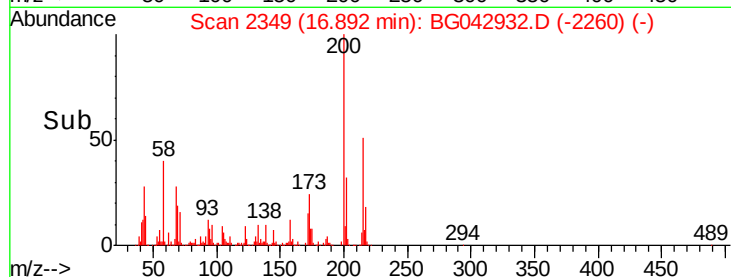
215 50.7 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.839 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

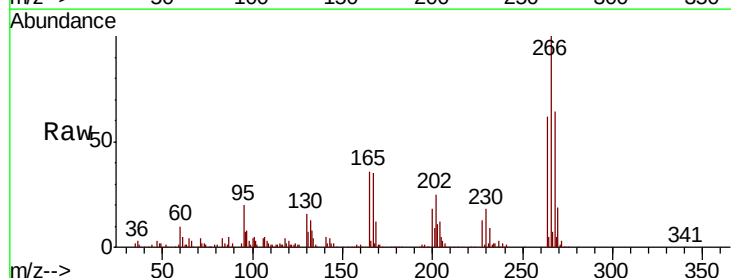
Tgt Ion:266 Resp: 145595

Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.2

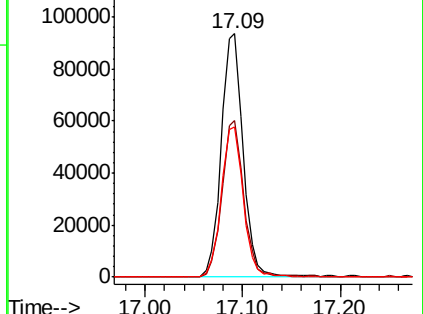
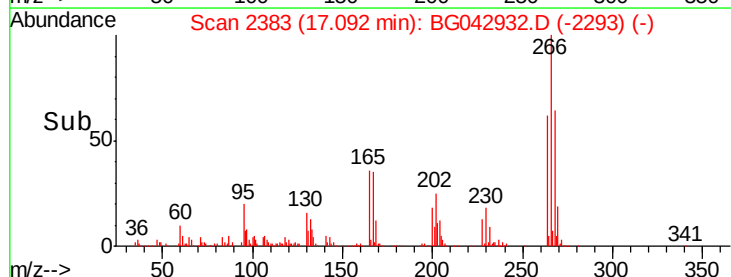
264 61.7 50.7 76.1

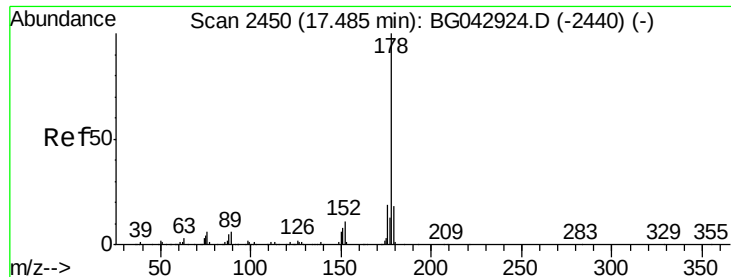


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

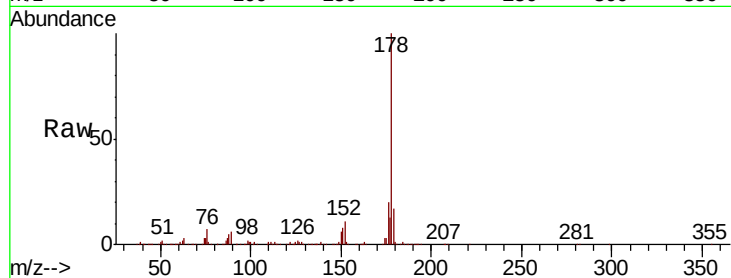




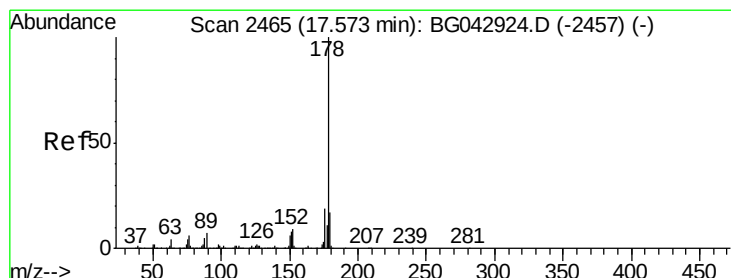
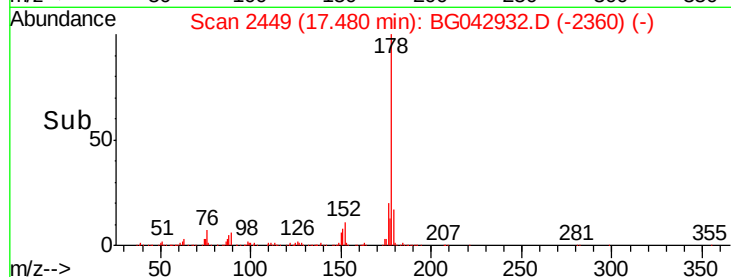
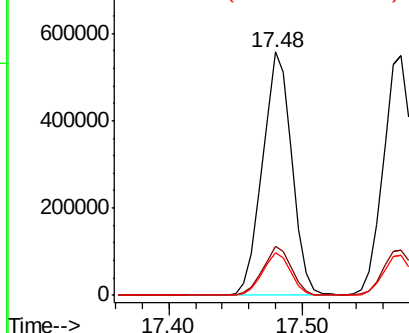
#71
Phenanthrene
Concen: 39.256 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	17.3	14.1	21.1

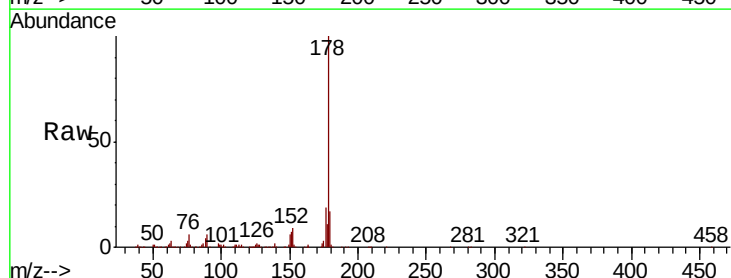


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

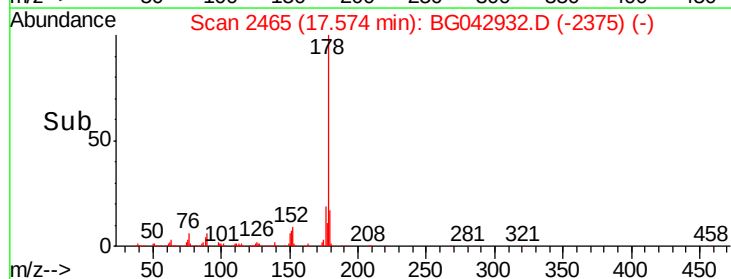
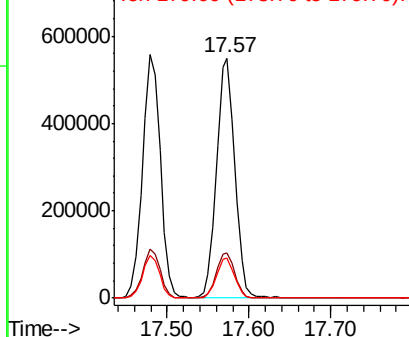


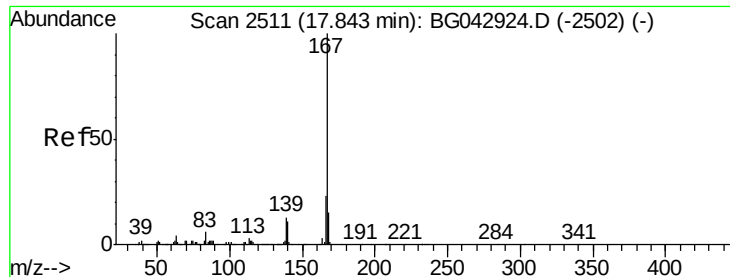
#72
Anthracene
Concen: 39.810 ng
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	17.0	13.5	20.3



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

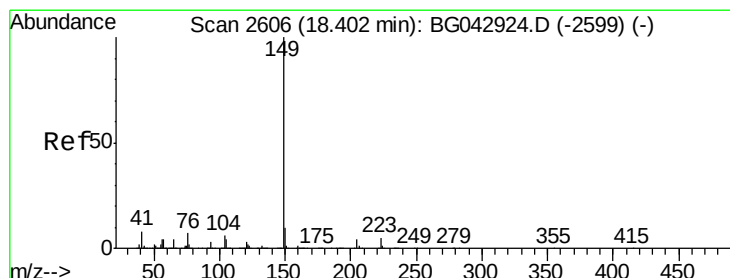
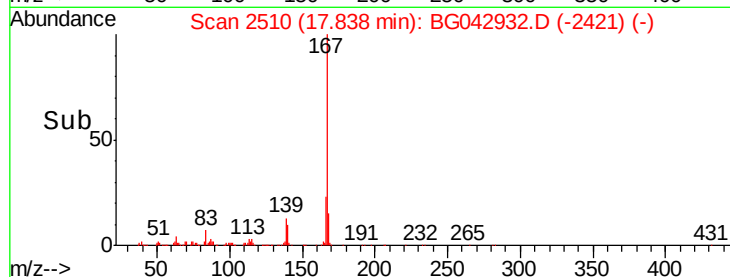
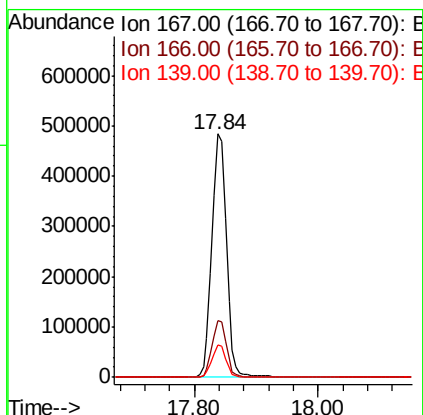
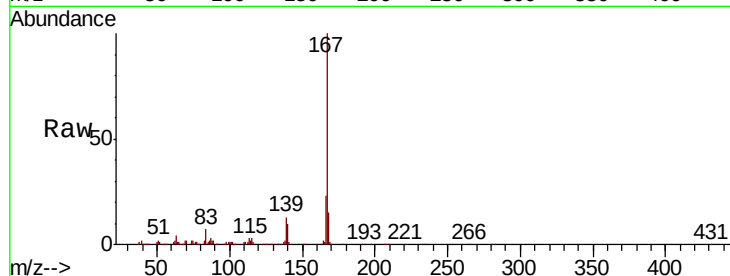




#73
 Carbazole
 Concen: 39.285 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

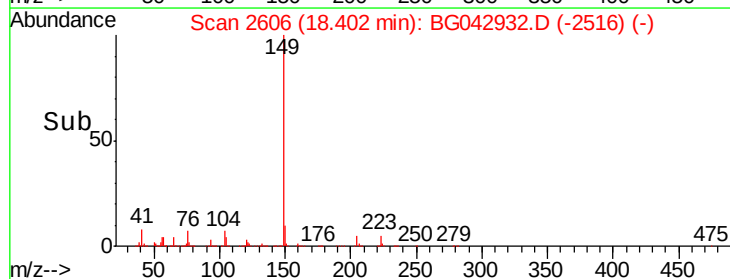
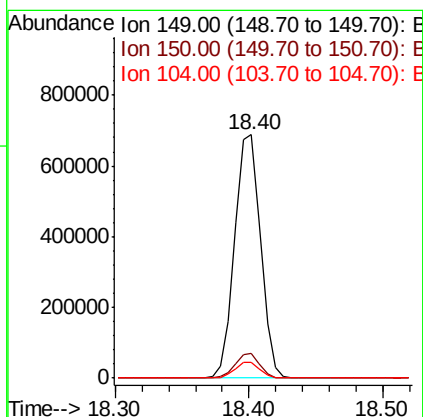
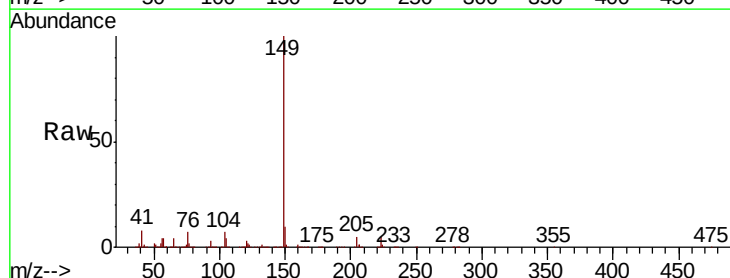
Instrument :
 BNA_G
 ClientSampleId :

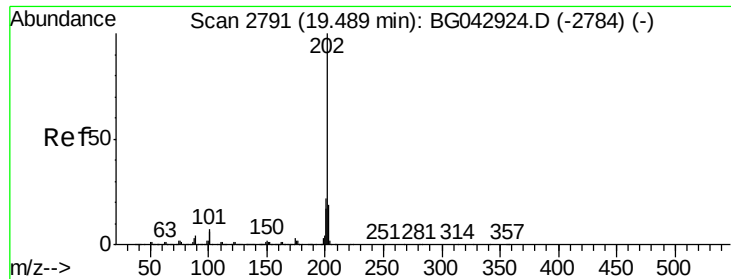
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.6	28.0
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.206 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG042932.D
 Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	6.6	5.0	7.6





#75

Fluoranthene

Concen: 38.959 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

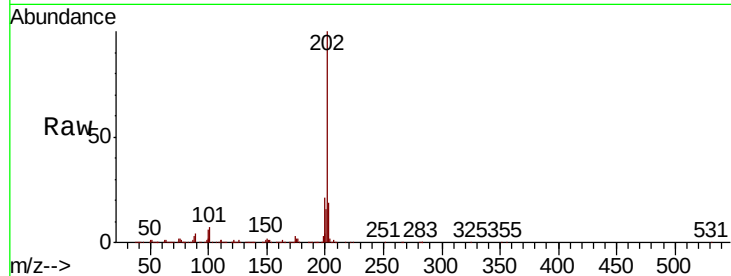
Tot Ion:202 Resp: 1112242

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.3

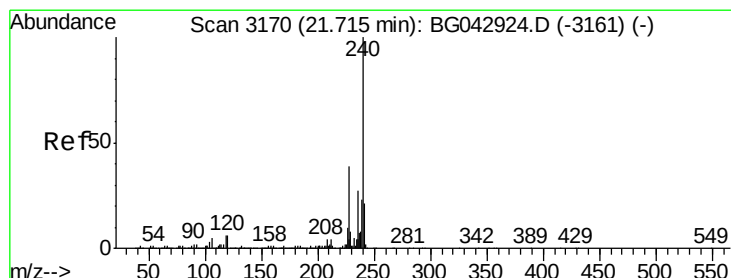
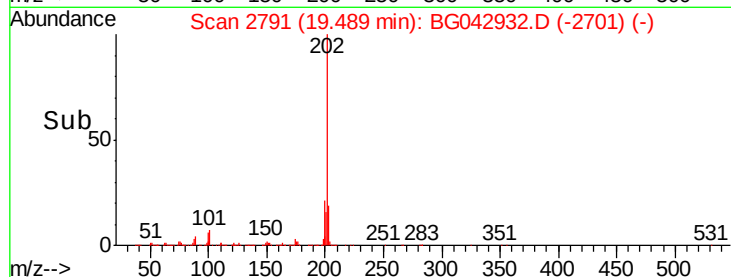
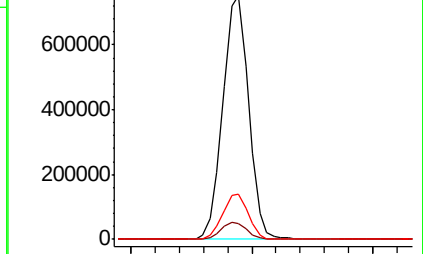
203 18.7 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

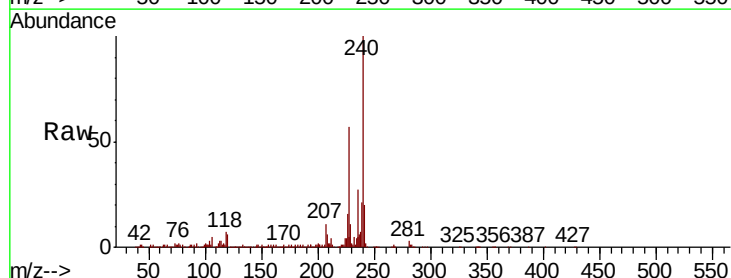
Tgt Ion:240 Resp: 468217

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

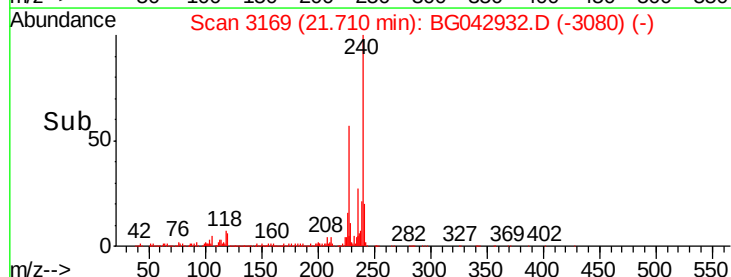
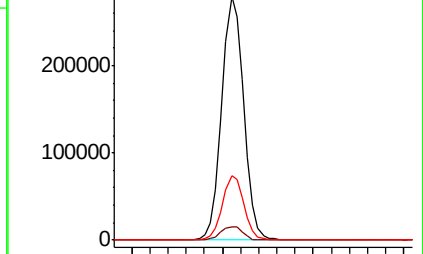
236 26.6 21.4 32.0

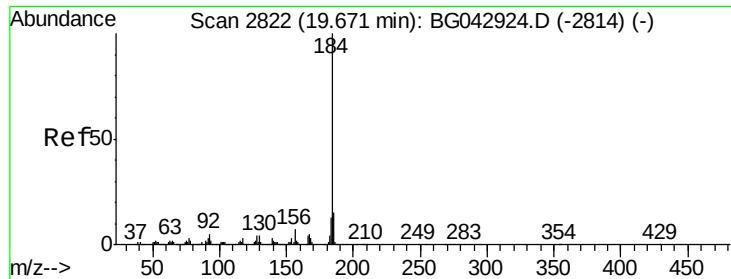


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.999 ng

RT: 19.67 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

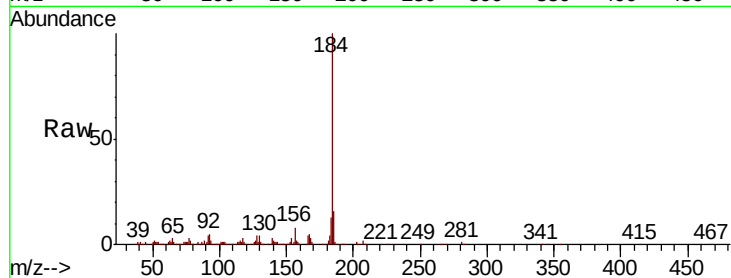
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 468941

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.8
183	12.6	10.1	15.1

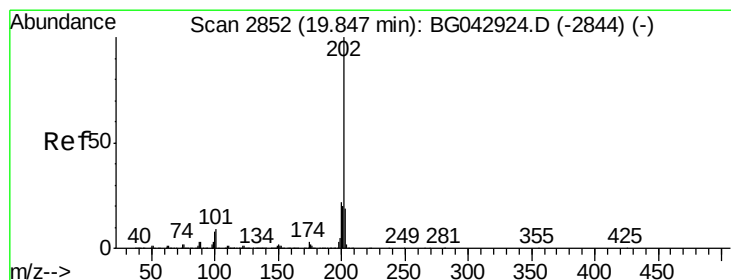
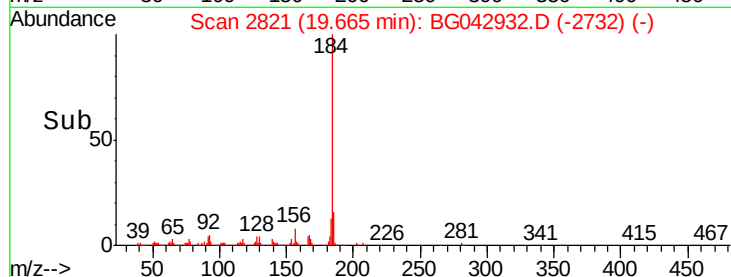
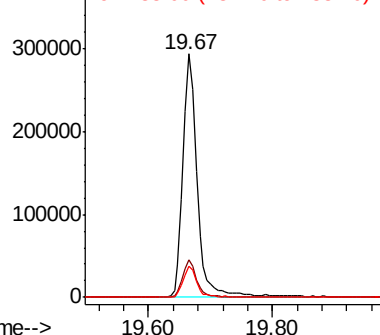


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.283 ng

RT: 19.85 min Scan# 2852

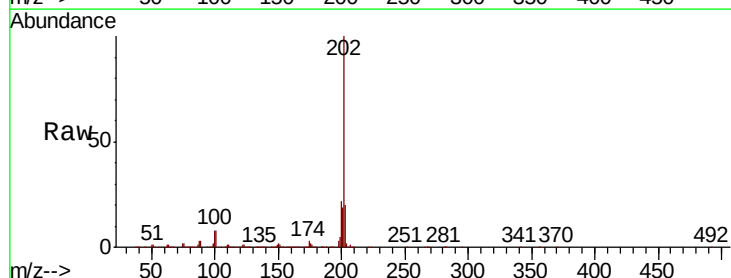
Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Tgt Ion:202 Resp: 1125761

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	19.7	15.2	22.8

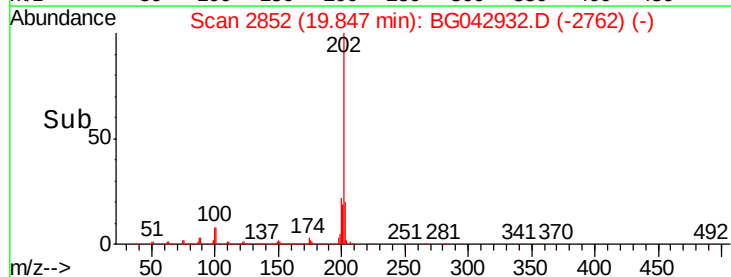
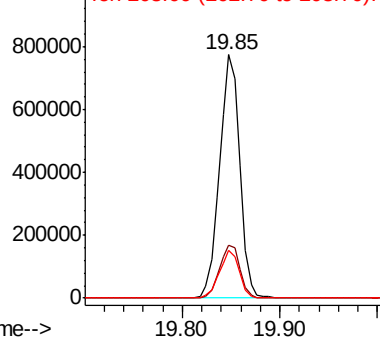


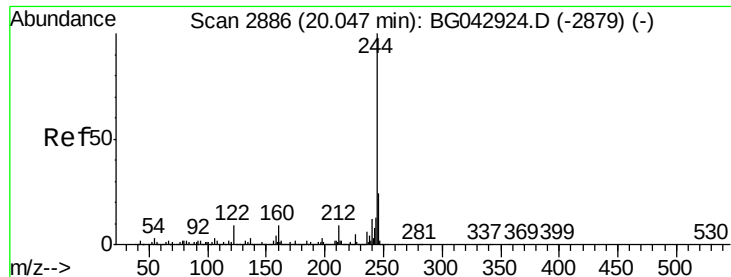
Abundance

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: 85.281 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

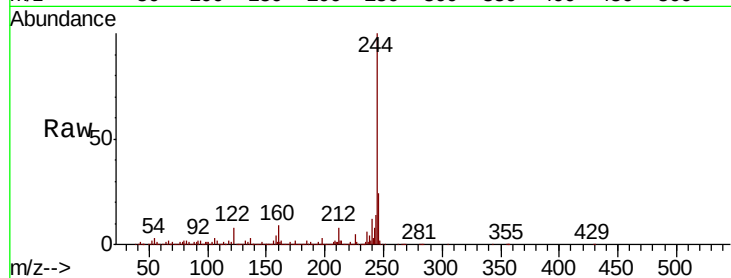
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1873881

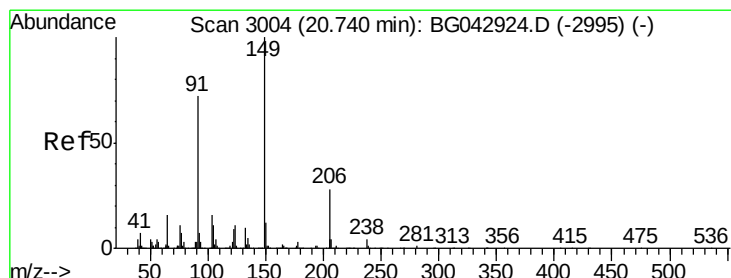
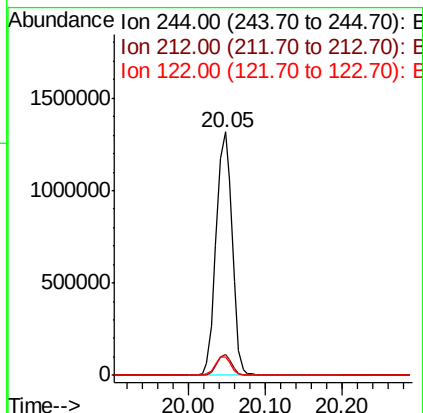
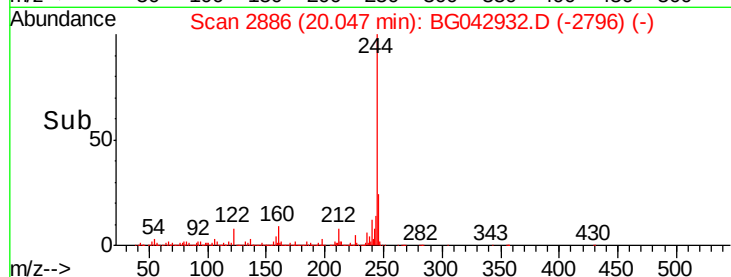
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	7.8	7.0	10.4



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: 39.855 ng

RT: 20.73 min Scan# 3003

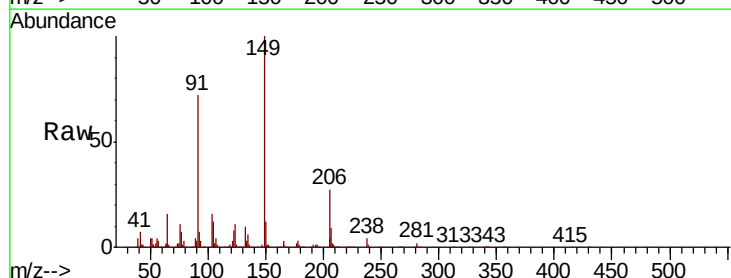
Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Tgt Ion:149 Resp: 422773

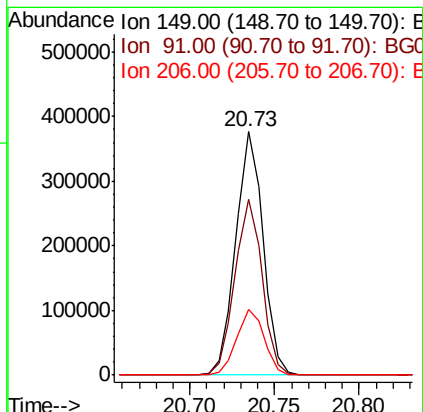
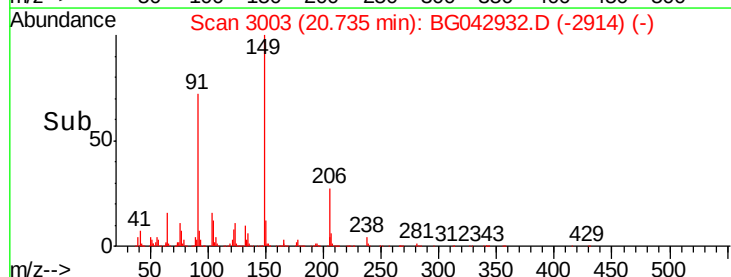
Ion	Ratio	Lower	Upper
149	100		
91	72.0	57.7	86.5
206	26.8	22.6	33.8

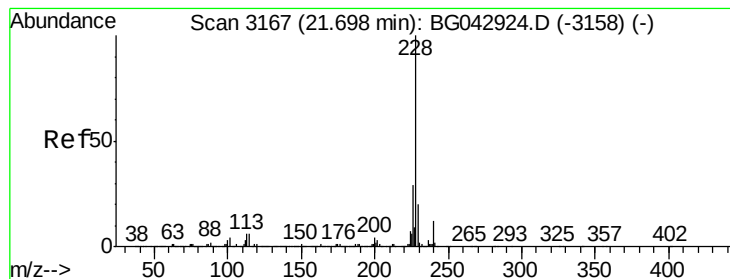


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.828 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

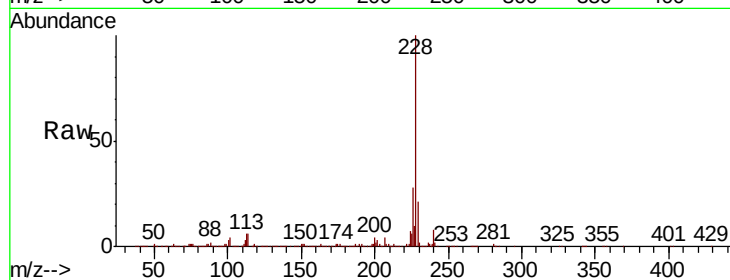
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1161940

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	20.7	16.3	24.5

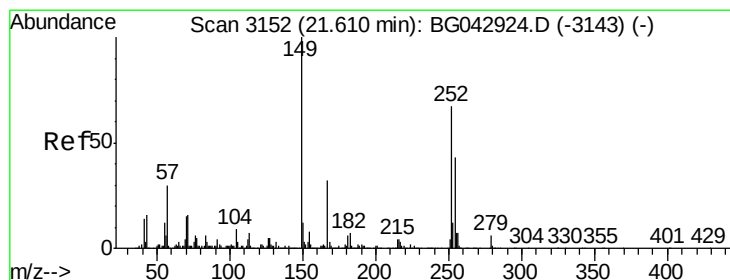
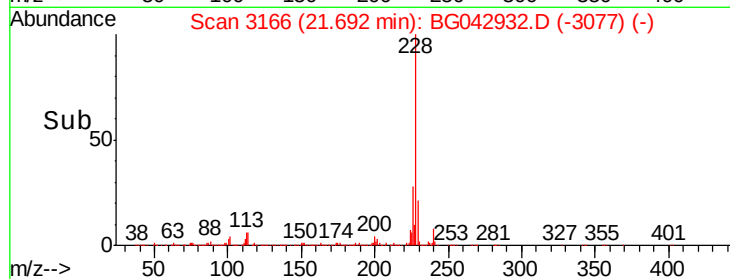
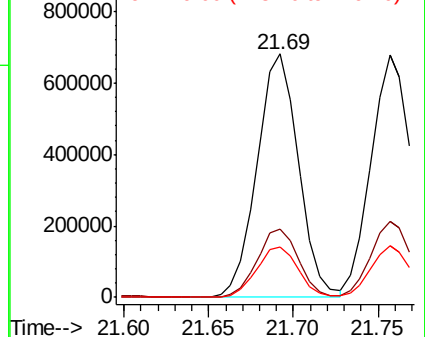


Abundance

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: 39.453 ng

RT: 21.60 min Scan# 3151

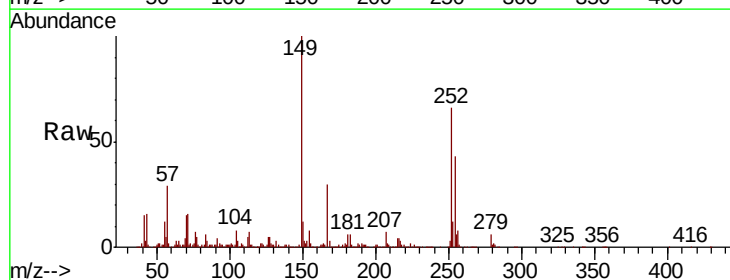
Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Tgt Ion:252 Resp: 451434

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	7.4	6.1	9.1

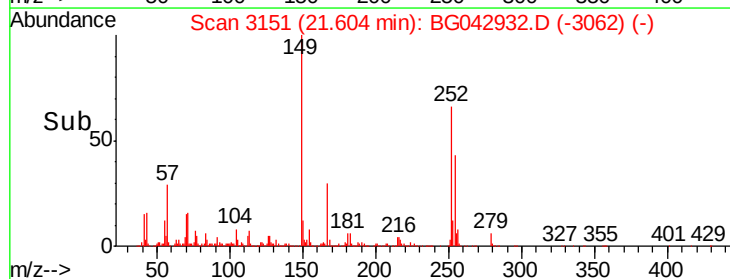
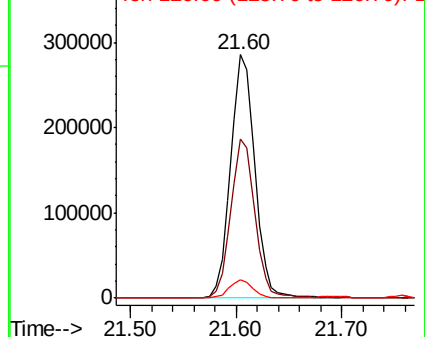


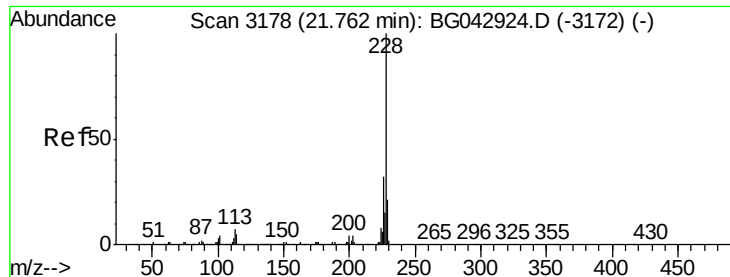
Abundance

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: 39.617 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

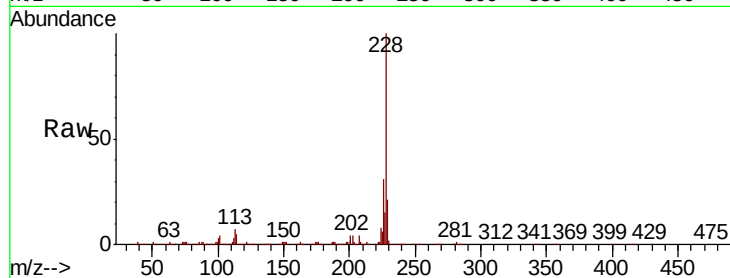
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1121616

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.6	38.4
229	21.5	16.9	25.3

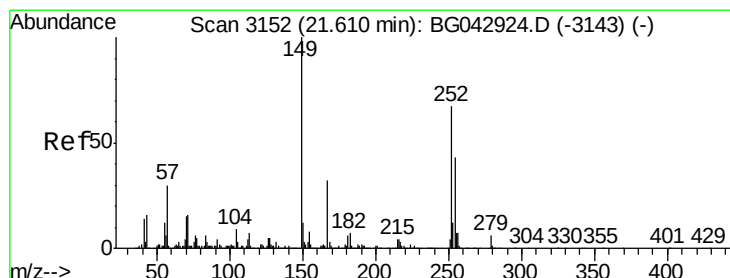
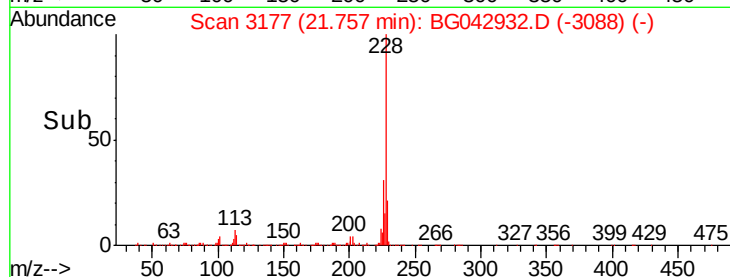
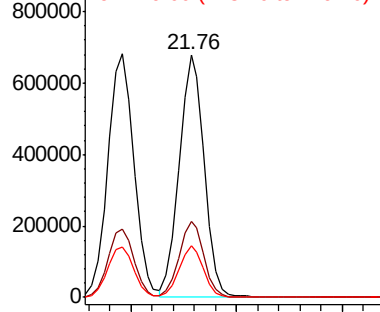


Abundance

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: 39.824 ng

RT: 21.60 min Scan# 3151

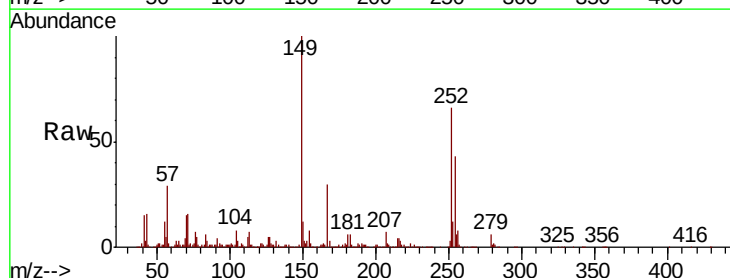
Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Tgt Ion:149 Resp: 601105

Ion	Ratio	Lower	Upper
149	100		
167	30.2	25.4	38.2
279	6.5	5.1	7.7

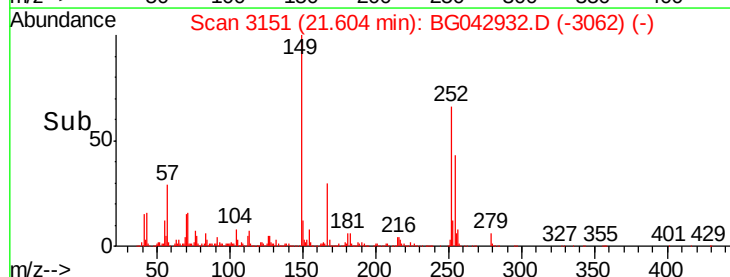
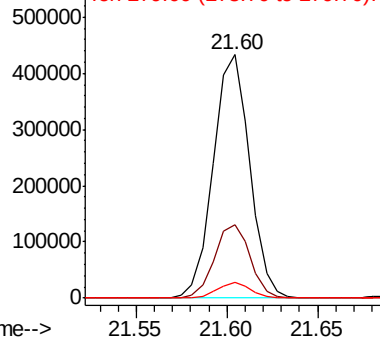


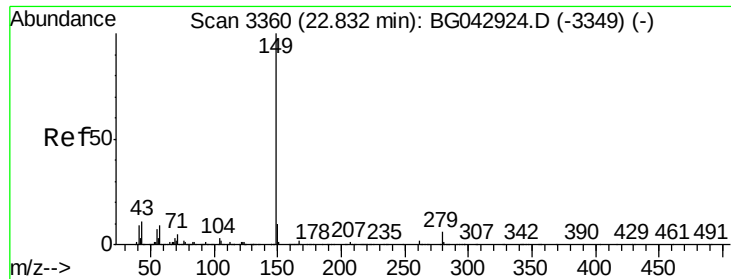
Abundance

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: 39.866 ng

RT: 22.82 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

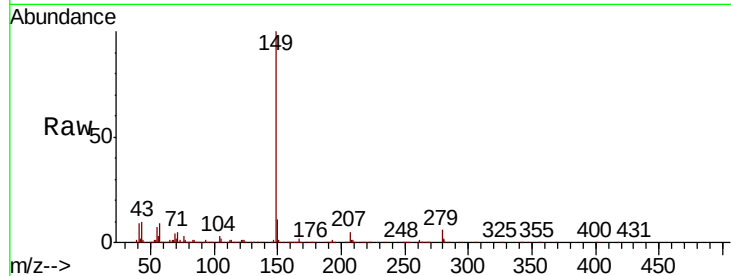
Tot Ion:149 Resp: 983972

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

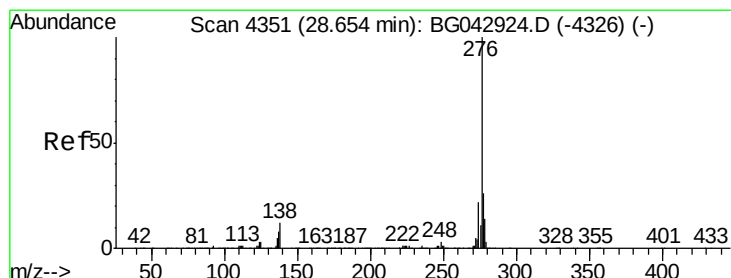
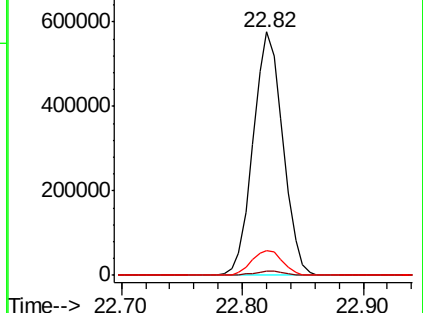
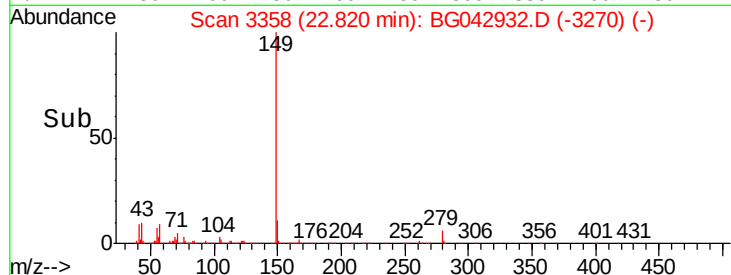
43 10.7 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.742 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.02 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

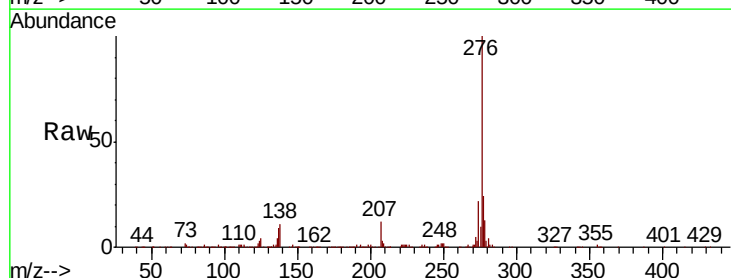
Tgt Ion:276 Resp: 1400719

Ion Ratio Lower Upper

276 100

138 14.0 7.0 10.6#

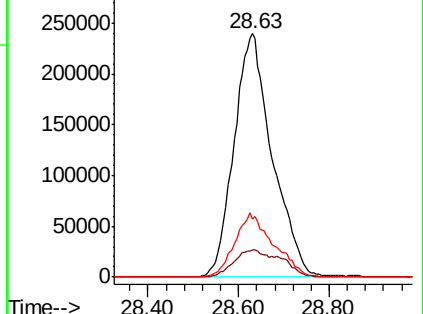
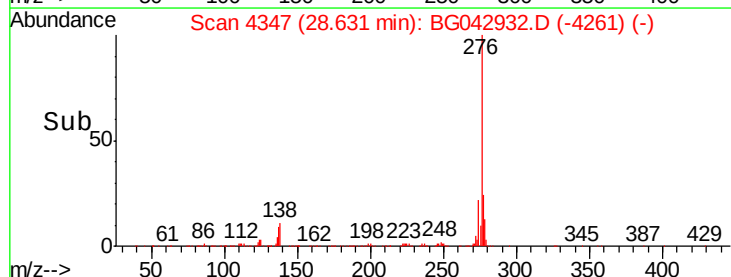
277 26.6 20.9 31.3

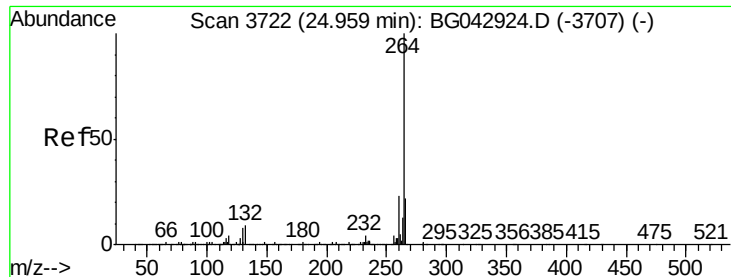


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

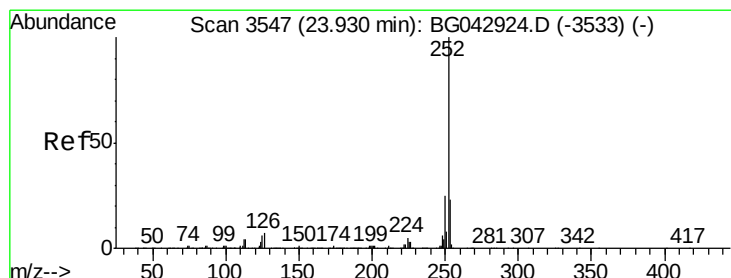
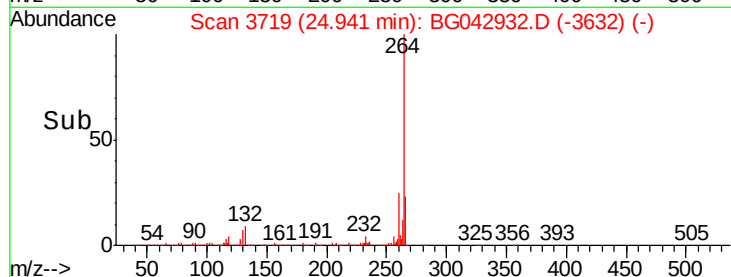
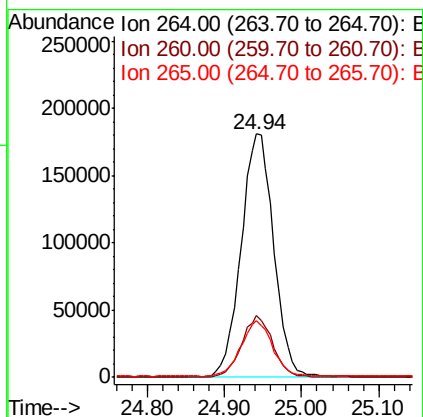
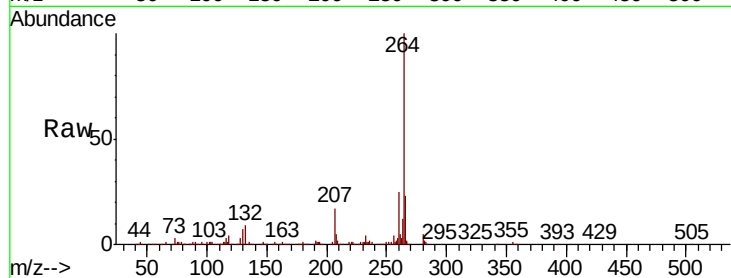




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.02 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

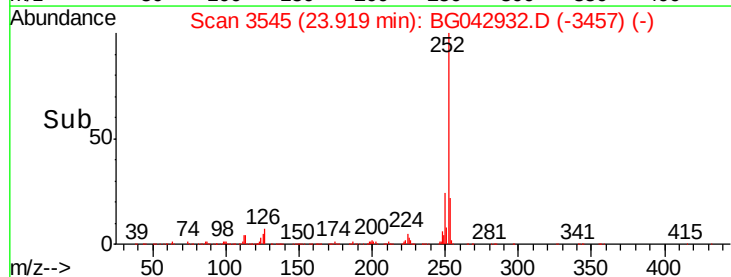
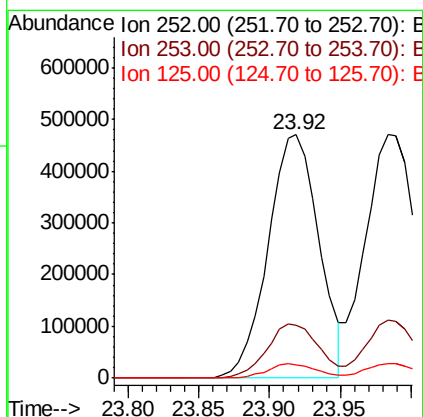
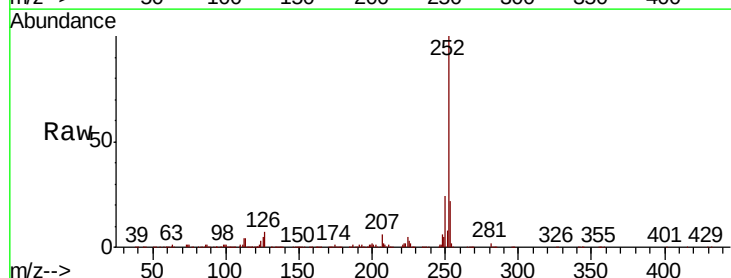
Instrument :
BNA_G
ClientSampled :

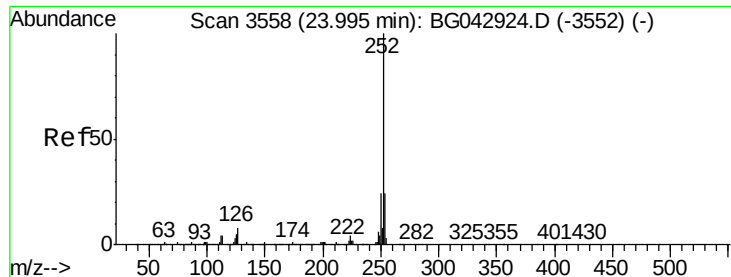
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.7	28.1
265	23.1	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 39.001 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG042932.D
Acq: 25 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	5.2	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 39.814 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

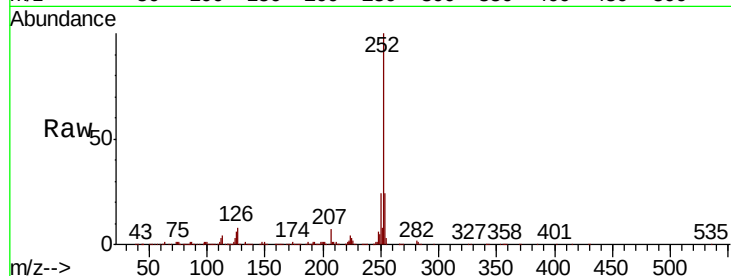
Tot Ion:252 Resp: 1192979

Ion Ratio Lower Upper

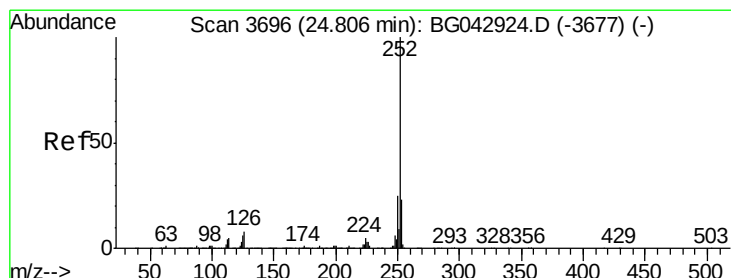
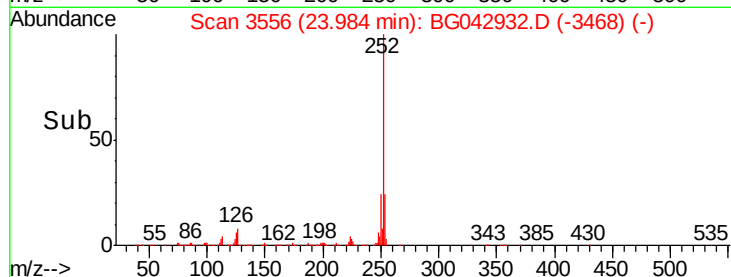
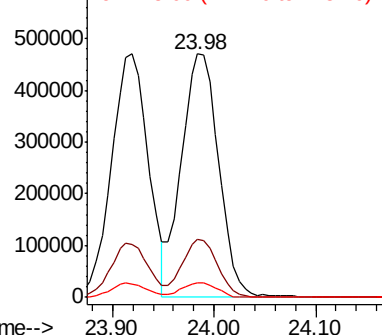
252 100

253 23.6 18.9 28.3

125 6.2 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



#90

Benzo(a)pyrene

Concen: 39.414 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

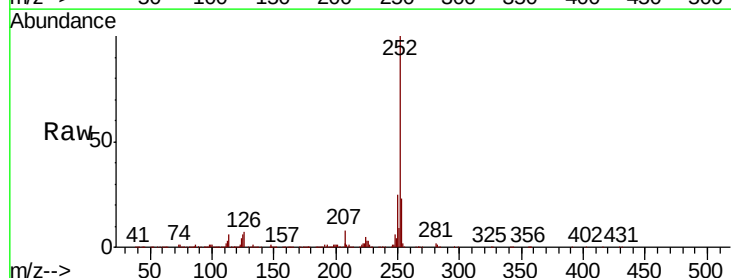
Tgt Ion:252 Resp: 1126312

Ion Ratio Lower Upper

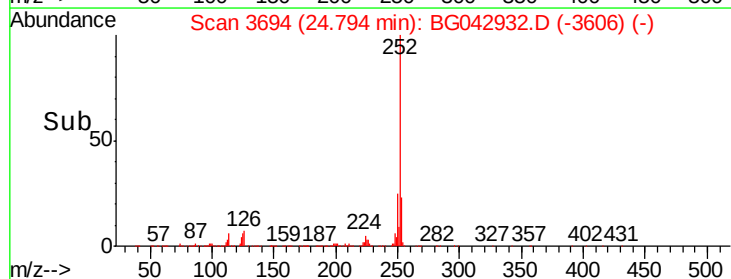
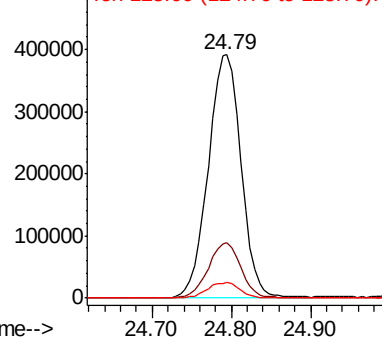
252 100

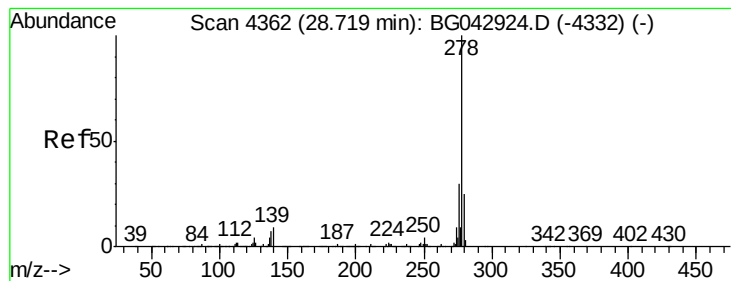
253 23.0 18.2 27.4

125 6.3 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





#91

Dibenzo(a,h)anthracene

Concen: 39.344 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.03 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

Instrument :

BNA_G

ClientSampleId :

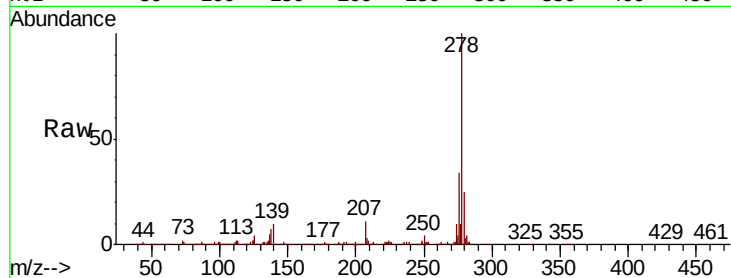
Tot Ion:278 Resp: 1152868

Ion Ratio Lower Upper

278 100

139 10.2 6.8 10.2

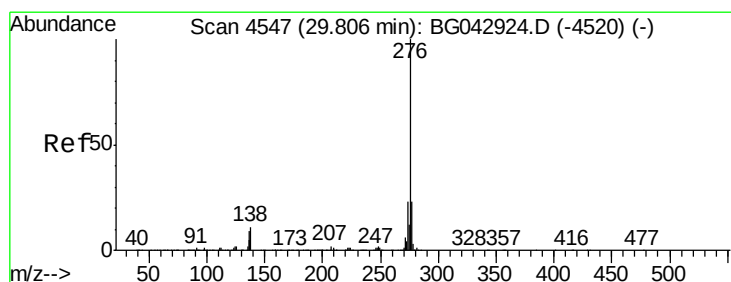
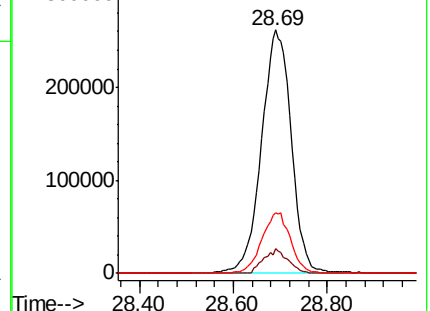
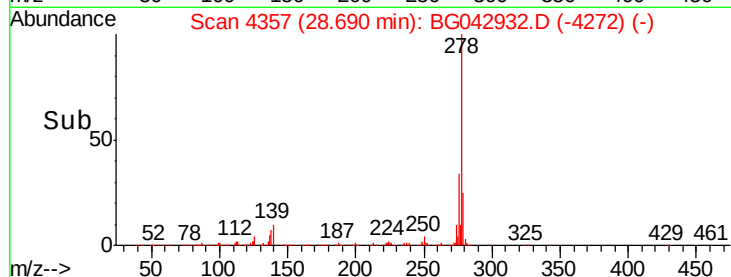
279 24.7 20.1 30.1



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: 39.601 ng

RT: 29.78 min Scan# 4542

Delta R.T. -0.03 min

Lab File: BG042932.D

Acq: 25 Sep 2019 18:21

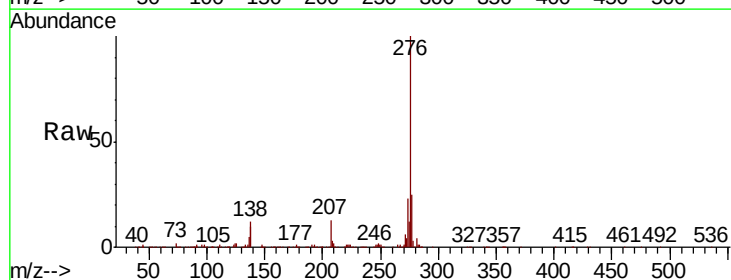
Tgt Ion:276 Resp: 1124360

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 11.6 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

