

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042802.D
 Acq On : 13 Sep 2019 5:09
 Operator : HP/JU
 Sample : PB123028BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:06:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	91907	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	339279	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228877	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	515982	20.00	ng	0.00
76) Chrysene-d12	21.76	240	529577	20.00	ng	0.00
87) Perylene-d12	25.03	264	598515	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	763850	144.49	ng	0.00
7) Phenol-d6	7.27	99	1094628	144.26	ng	0.00
23) Nitrobenzene-d5	9.27	82	669221	102.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	465210	152.78	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1436841	99.37	ng	0.00
79) Terphenyl-d14	20.09	244	2421570	101.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	81155	33.638	ng	98
3) Pyridine	3.98	79	226071	31.122	ng	99
4) n-Nitrosodimethylamine	3.89	42	147759	41.803	ng	98
6) Aniline	7.44	93	324269	31.675	ng	97
8) 2-Chlorophenol	7.68	128	276106	48.318	ng	99
9) Benzaldehyde	7.25	77	192607	39.007	ng	100
10) Phenol	7.30	94	369817	47.525	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	260431	43.608	ng	98
12) 1,3-Dichlorobenzene	8.01	146	288488	41.391	ng	98
13) 1,4-Dichlorobenzene	8.16	146	291053	41.711	ng	99
14) 1,2-Dichlorobenzene	8.48	146	271960	40.944	ng	97
15) Benzyl Alcohol	8.35	79	297767	45.728	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	532510	40.604	ng	98
17) 2-Methylphenol	8.55	107	247512	47.544	ng	99
18) Hexachloroethane	9.21	117	104940	40.735	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	242509	43.374	ng	94
20) 3+4-Methylphenols	8.88	107	328718	45.806	ng	97
22) Acetophenone	8.94	105	415003	48.433	ng	98
24) Nitrobenzene	9.32	77	338654	49.509	ng	96
25) Isophorone	9.85	82	636116	46.830	ng	98
26) 2-Nitrophenol	10.03	139	141888	52.751	ng	95
27) 2,4-Dimethylphenol	10.08	122	264579	55.607	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	352796	46.572	ng	99
29) 2,4-Dichlorophenol	10.57	162	281822	50.970	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	305039	45.187	ng	97
31) Naphthalene	10.98	128	800597	47.793	ng	99
32) Benzoic acid	10.23	122	187347	48.597	ng	97
33) 4-Chloroaniline	11.07	127	139700	17.843	ng	98
34) Hexachlorobutadiene	11.27	225	211930	44.808	ng	93
35) Caprolactam	11.84	113	54119	26.321	ng	98
36) 4-Chloro-3-methylphenol	12.19	107	307006	51.139	ng	98
37) 2-Methylnaphthalene	12.58	142	596118	47.506	ng	99
38) 1-Methylnaphthalene	12.79	142	557741	47.390	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	363169	48.018	ng	98

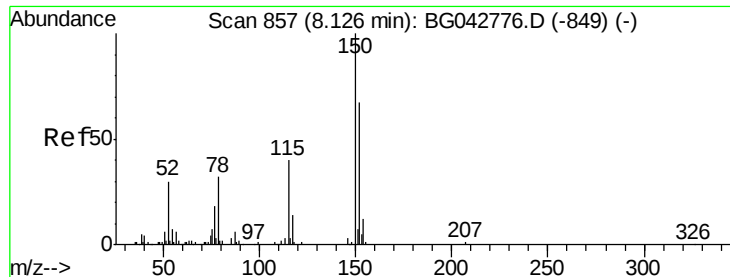
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	505894	116.762	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	255921	50.827	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	275779	53.472	nq	96
46) 1,1'-Biphenyl	13.57	154	792683	49.472	nq	99
47) 2-Chloronaphthalene	13.62	162	612733	46.228	nq	97
48) 2-Nitroaniline	13.80	65	231959	50.448	nq	97
49) Acenaphthylene	14.46	152	998534	49.298	nq	98
50) Dimethylphthalate	14.19	163	814927	47.529	nq	99
51) 2,6-Dinitrotoluene	14.30	165	184397	52.413	nq	97
52) Acenaphthene	14.80	154	689127	52.078	nq	99
53) 3-Nitroaniline	14.63	138	116341	29.465	nq	98
54) 2,4-Dinitrophenol	14.83	184	174137	100.545	nq	# 76
55) Dibenzofuran	15.14	168	953208	48.463	nq	99
56) 4-Nitrophenol	14.93	139	321043	105.159	nq	96
57) 2,4-Dinitrotoluene	15.08	165	248187	52.925	nq	# 98
58) Fluorene	15.78	166	786531	48.251	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	264280	52.860	nq	# 98
60) Diethylphthalate	15.56	149	815111	46.834	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	454831	47.191	nq	96
62) 4-Nitroaniline	15.79	138	199818	46.949	nq	97
63) Azobenzene	16.07	77	811620	48.427	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	123252	55.826	nq	97
66) n-Nitrosodiphenylamine	15.98	169	729264	52.523	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	309583	49.571	nq	99
68) Hexachlorobenzene	16.79	284	320953	48.095	nq	100
69) Atrazine	16.93	200	281002	58.117	nq	97
70) Pentachlorophenol	17.12	266	444250	112.219	nq	94
71) Phenanthrene	17.52	178	1258211	50.989	nq	99
72) Anthracene	17.61	178	1277104	51.803	nq	98
73) Carbazole	17.88	167	1221347	52.124	nq	97
74) Di-n-butylphthalate	18.45	149	1384716	49.333	nq	99
75) Fluoranthene	19.53	202	1665985	52.093	nq	98
77) Benzidine	19.70	184	481872	32.568	nq	99
78) Pyrene	19.89	202	1670695	50.390	nq	98
80) Butylbenzylphthalate	20.78	149	671748	50.063	nq	98
81) Benzo(a)anthracene	21.74	228	1665678	49.469	nq	97
82) 3,3'-Dichlorobenzidine	21.65	252	456327	34.873	nq	99
83) Chrysene	21.81	228	1604798	50.316	nq	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	931245	50.793	nq	100
85) Di-n-octyl phthalate	22.90	149	1579441	50.534	nq	100
86) Indeno(1,2,3-cd)pyrene	28.77	276	2040631	51.665	nq	# 93
88) Benzo(b)fluoranthene	23.99	252	1767938	50.306	nq	99
89) Benzo(k)fluoranthene	24.06	252	1685352	50.768	nq	99
90) Benzo(a)pyrene	24.88	252	1718875	52.234	nq	98
91) Dibenzo(a,h)anthracene	28.85	278	1675140	51.757	nq	98
92) Benzo(g,h,i)perylene	29.94	276	1670897	52.928	nq	98

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

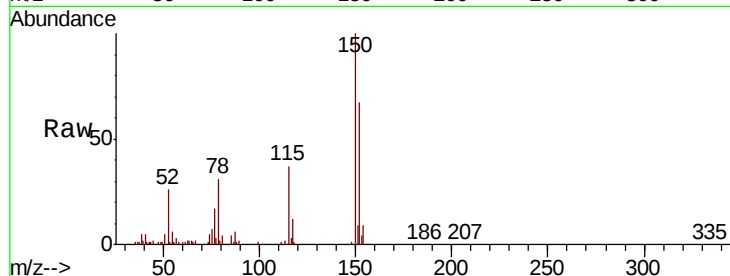


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	118.9	178.3
115	55.8	47.4	71.2

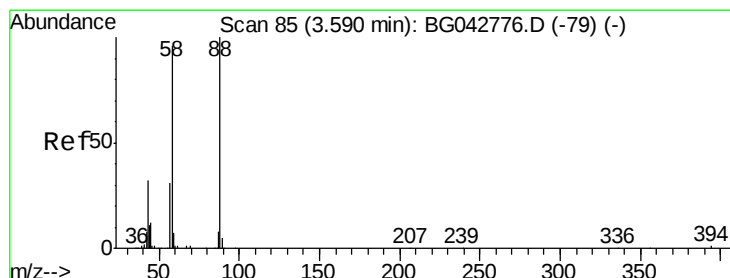
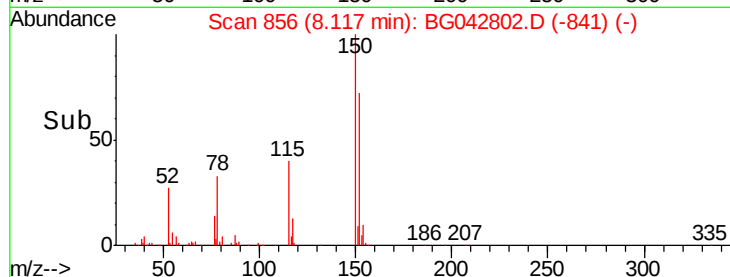
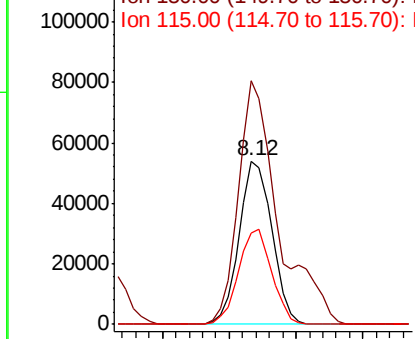


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

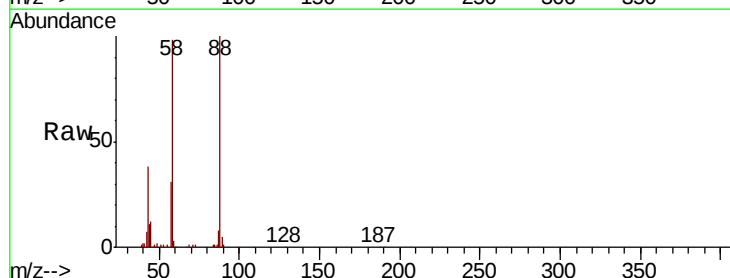
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 33.638 ng
 RT: 3.59 min Scan# 85
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	79.1	118.7
43	35.3	30.4	45.6

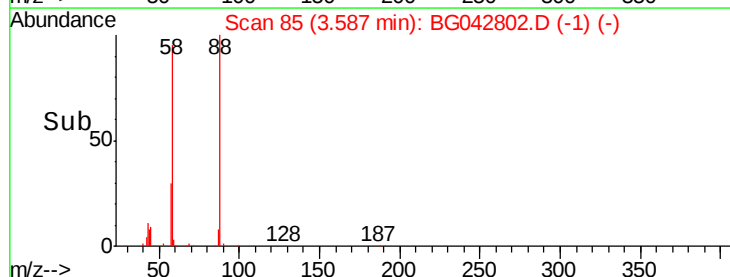
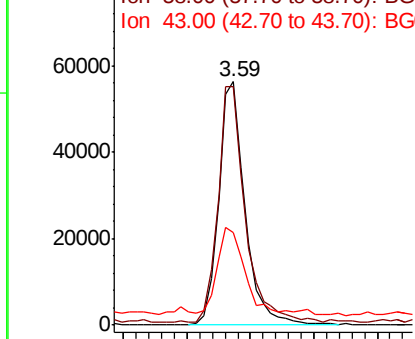


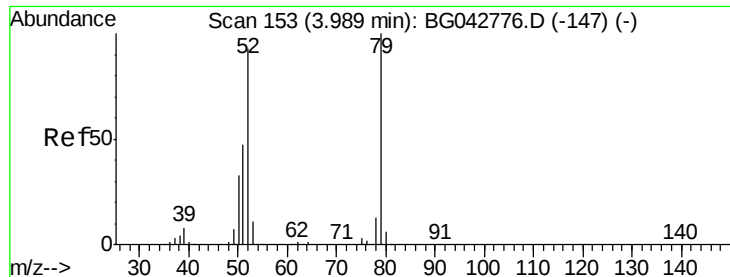
Abundance

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: 31.122 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

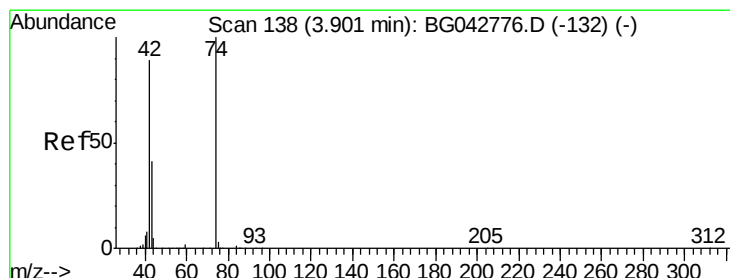
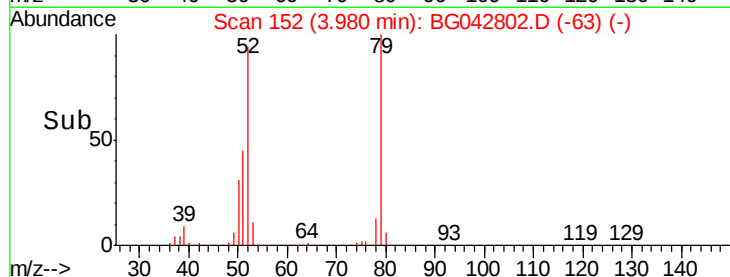
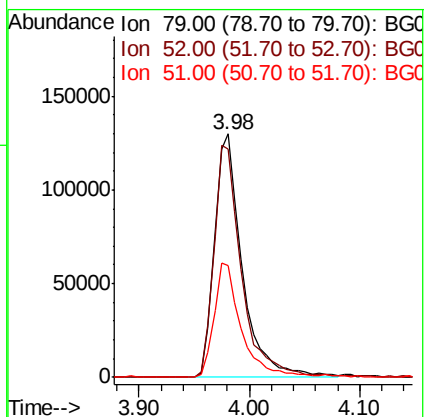
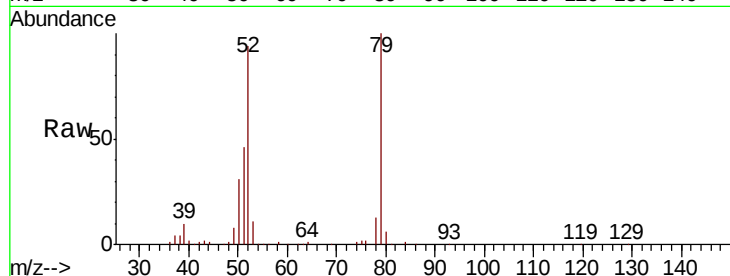
Tot Ion: 79 Resp: 226071

Ion Ratio Lower Upper

79 100

52 93.6 74.0 111.0

51 45.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.803 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

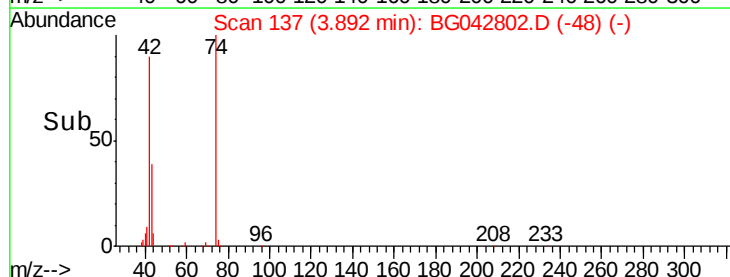
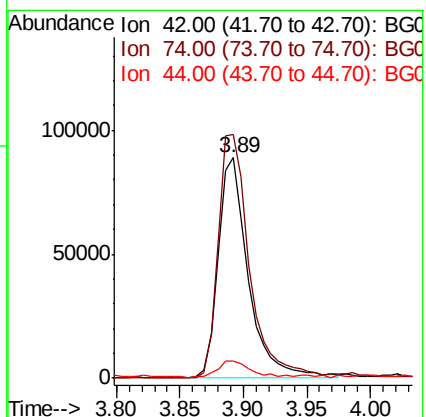
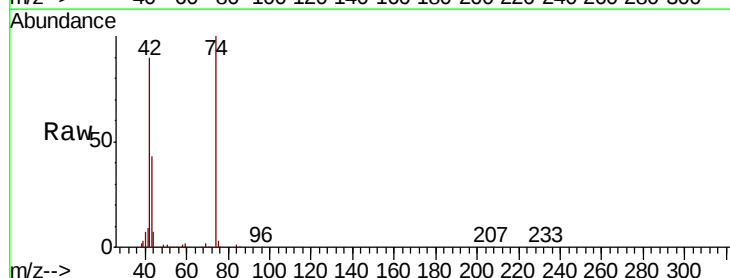
Tgt Ion: 42 Resp: 147759

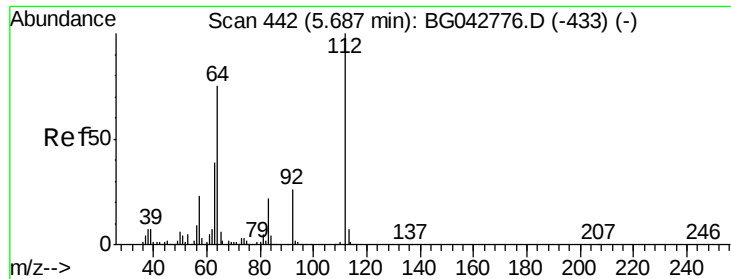
Ion Ratio Lower Upper

42 100

74 110.5 90.2 135.2

44 8.0 6.6 9.8





#5

2-Fluorophenol

Concen: 144.493 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042802.D

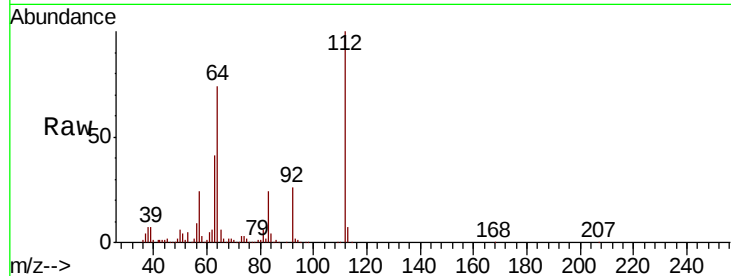
Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

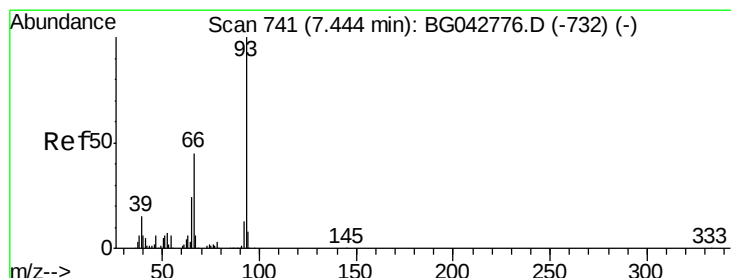
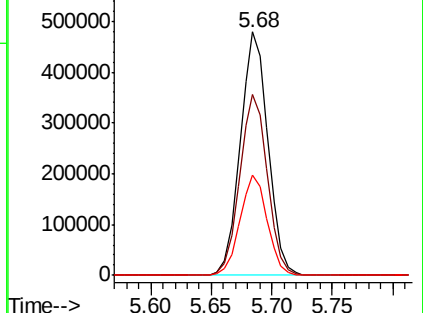
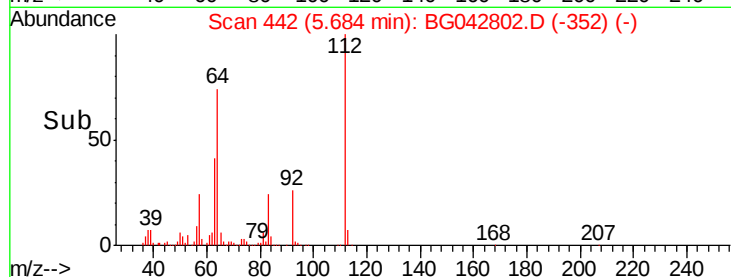
Tot Ion:	112	Resp:	763850
Ion	Ratio	Lower	Upper
112	100		
64	74.2	60.2	90.2
63	41.3	31.2	46.8



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: 31.675 ng

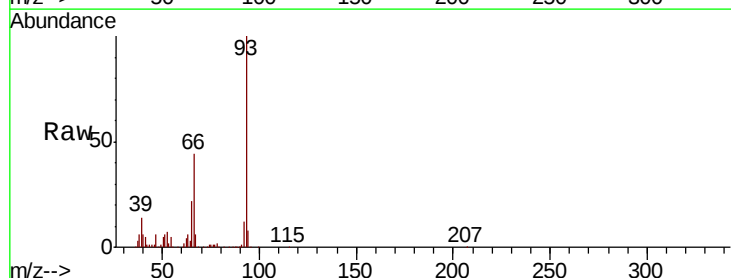
RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

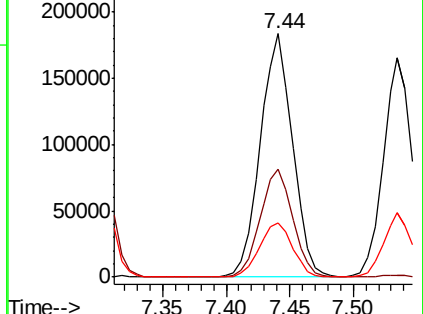
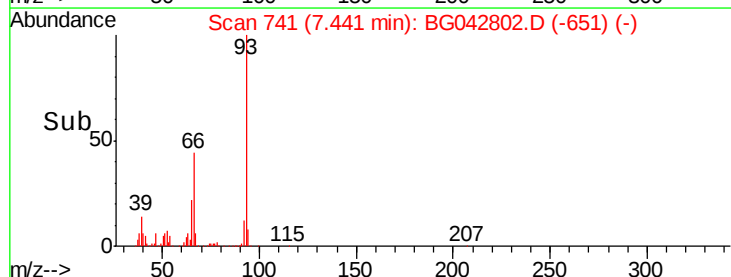
Tgt Ion:	93	Resp:	324269
Ion	Ratio	Lower	Upper
93	100		
66	44.1	36.3	54.5
65	22.1	19.3	28.9

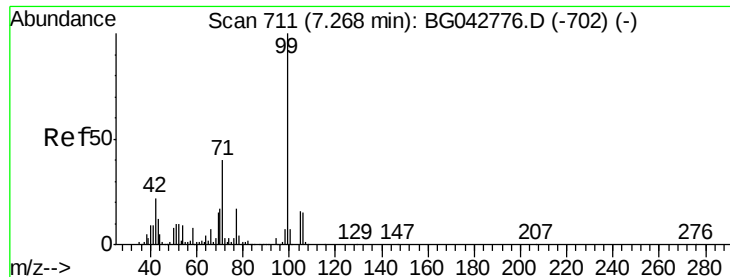


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.262 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

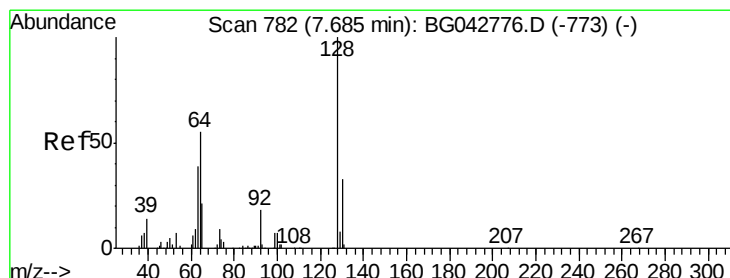
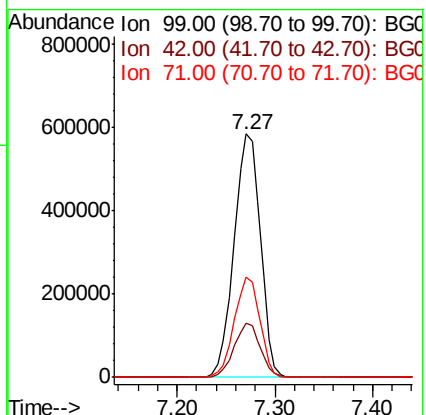
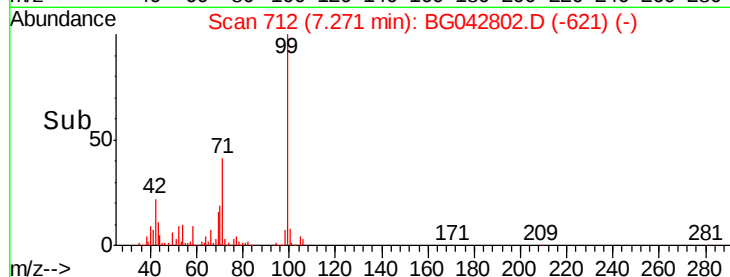
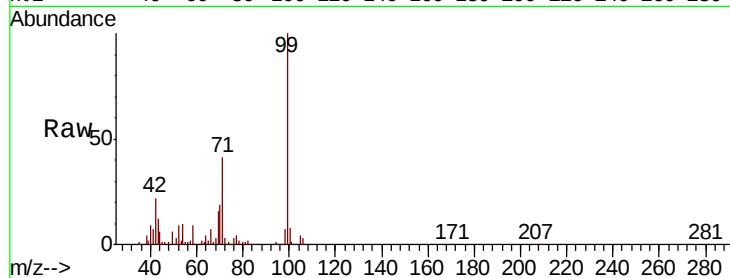
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1094628

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.5	26.3
71	41.4	32.0	48.0



#8

2-Chlorophenol

Concen: 48.318 ng

RT: 7.68 min Scan# 782

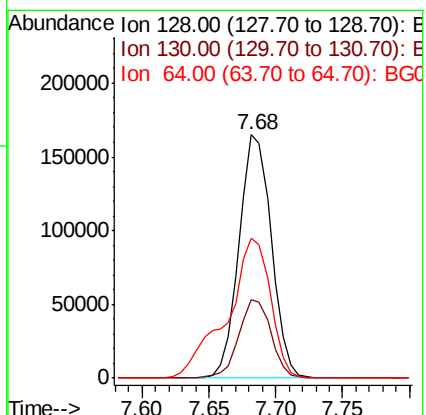
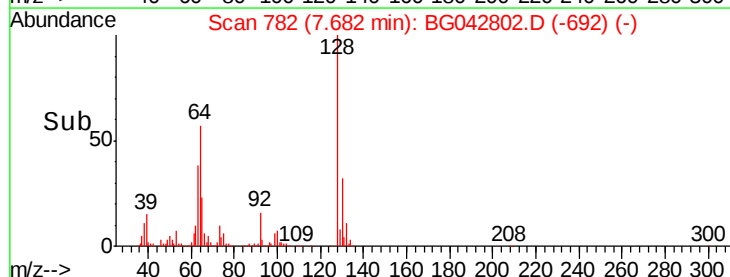
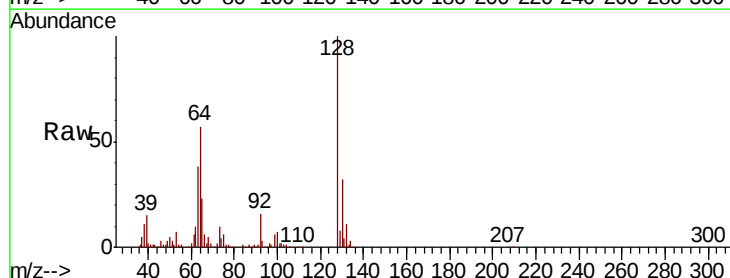
Delta R.T. -0.00 min

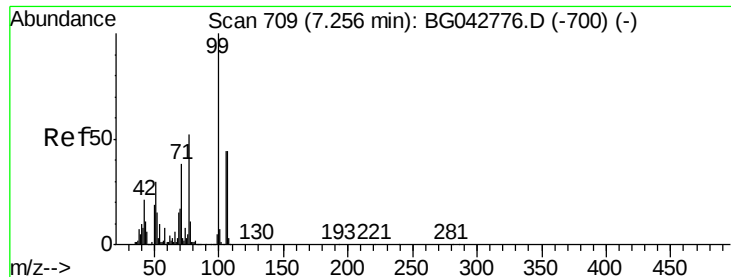
Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion: 128 Resp: 276106

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	57.2	36.8	76.8





#9

Benzaldehyde

Concen: 39.007 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampled :

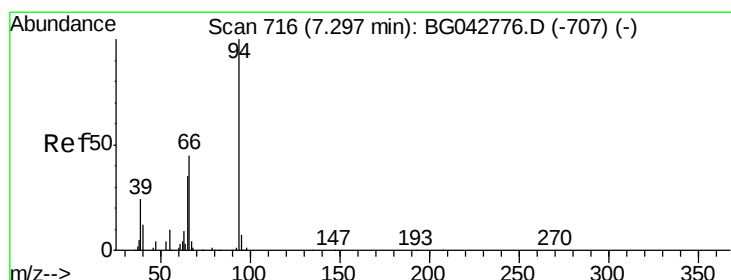
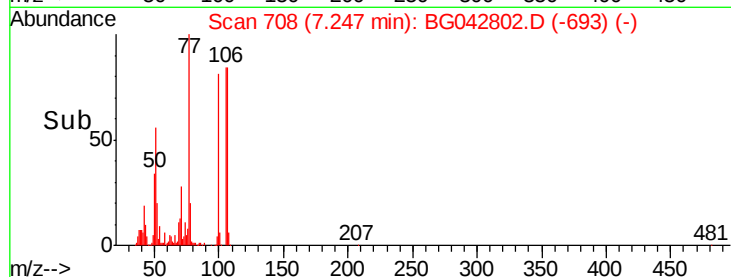
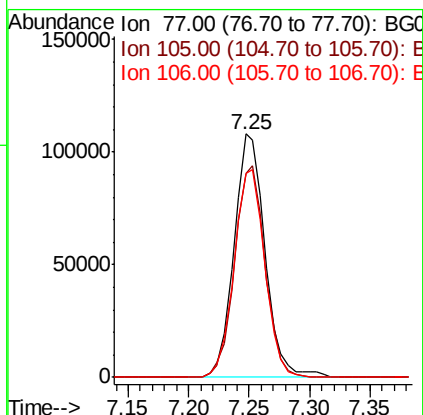
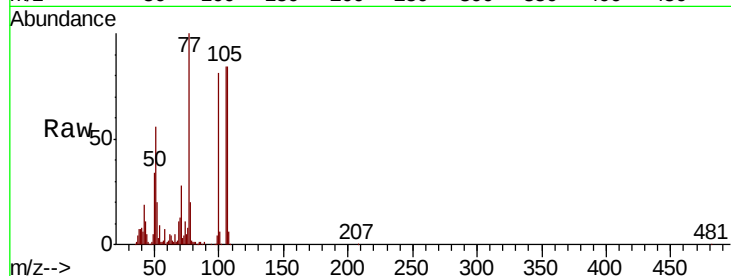
Tot Ion: 77 Resp: 192607

Ion Ratio Lower Upper

77 100

105 83.8 64.5 104.5

106 83.6 63.4 103.4



#10

Phenol

Concen: 47.525 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

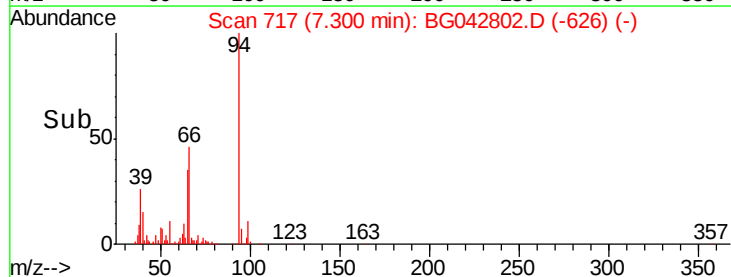
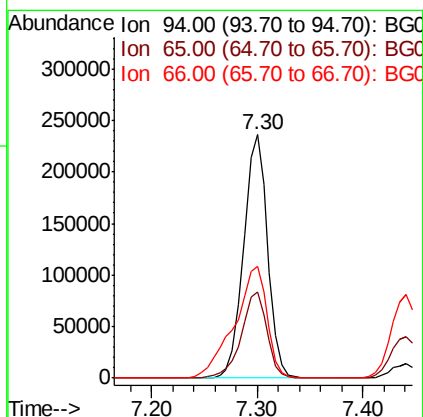
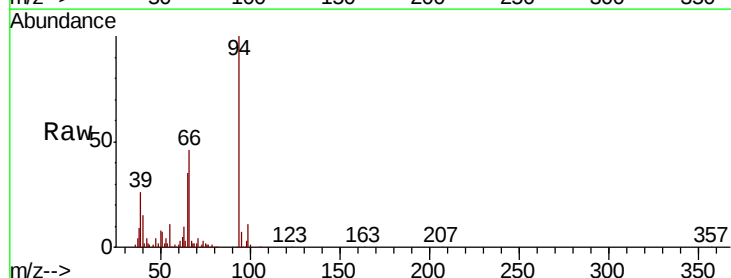
Tgt Ion: 94 Resp: 369817

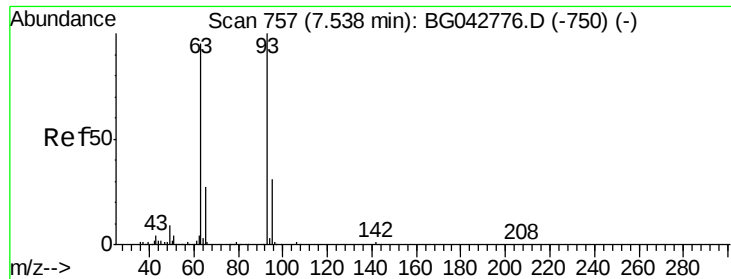
Ion Ratio Lower Upper

94 100

65 35.3 15.0 55.0

66 45.8 26.1 66.1

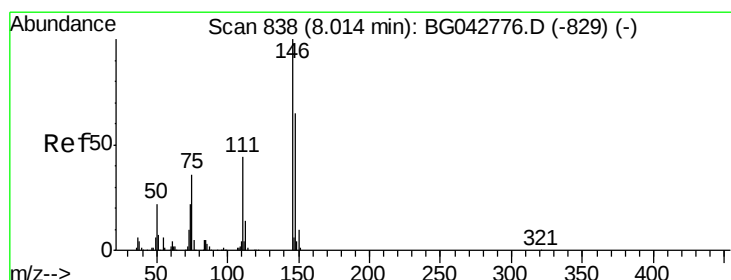
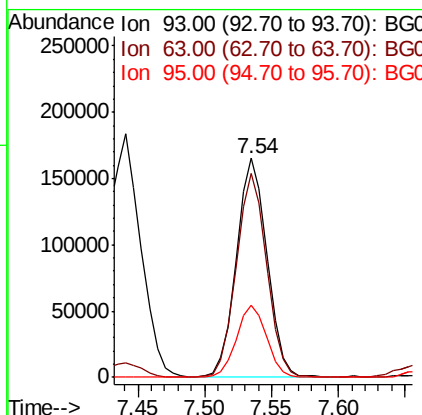
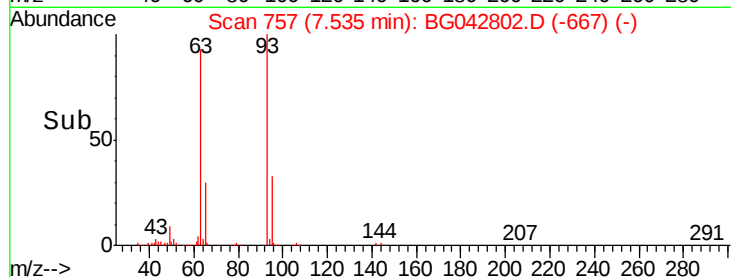
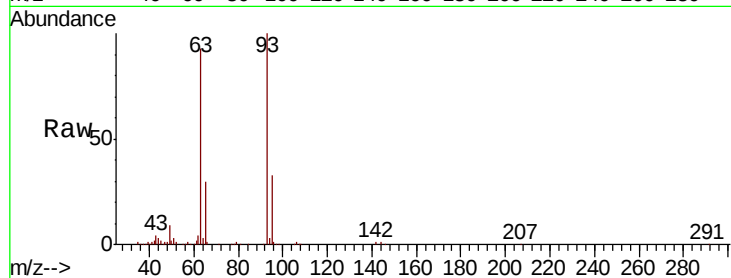




#11
 bis(2-Chloroethyl)ether
 Concen: 43.608 ng
 RT: 7.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

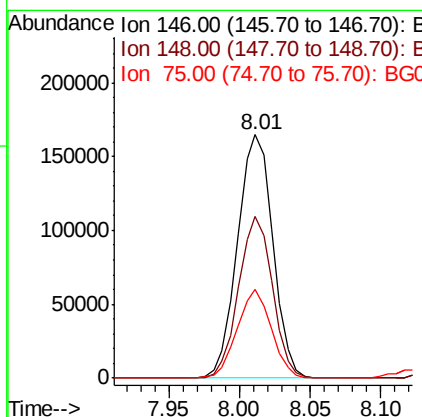
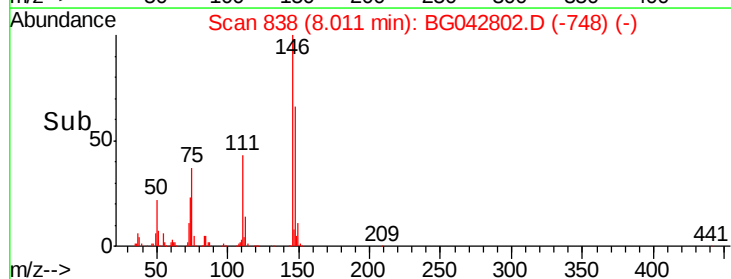
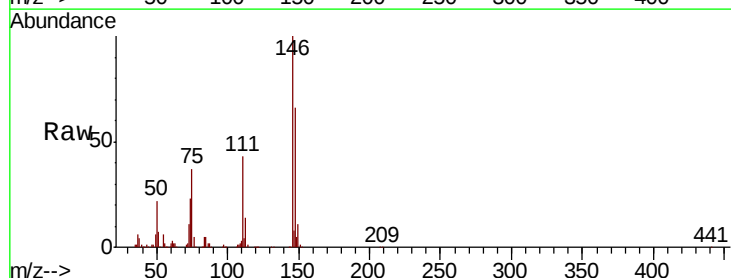
Instrument :
 BNA_G
 ClientSampleId :

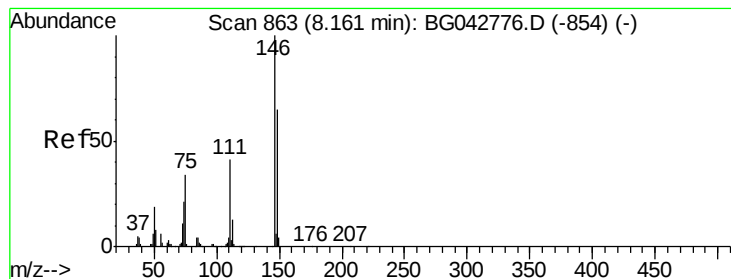
Tot Ion: 93 Resp: 260431
 Ion Ratio Lower Upper
 93 100
 63 93.2 74.7 114.7
 95 33.0 11.1 51.1



#12
 1,3-Dichlorobenzene
 Concen: 41.391 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion: 146 Resp: 288488
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.9 77.9
 75 36.6 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 41.711 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

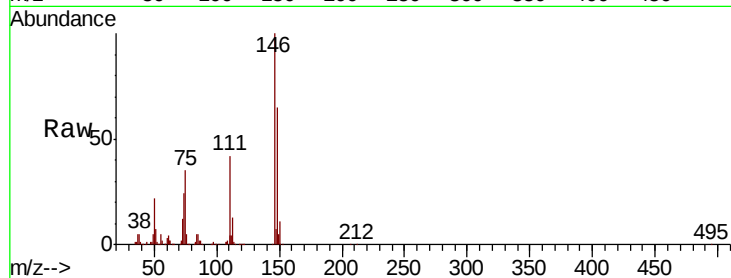
Tot Ion:146 Resp: 291053

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

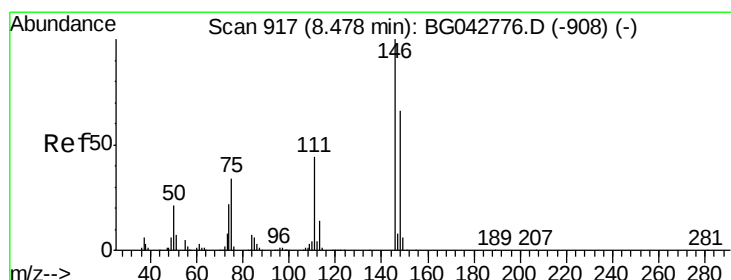
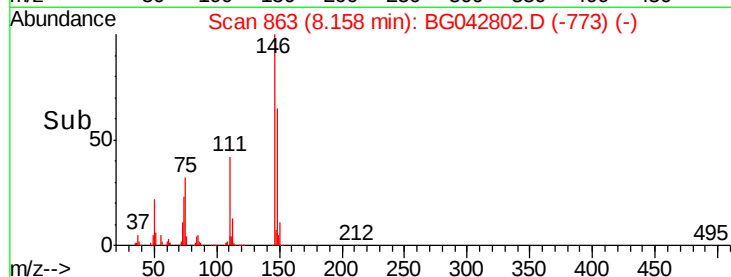
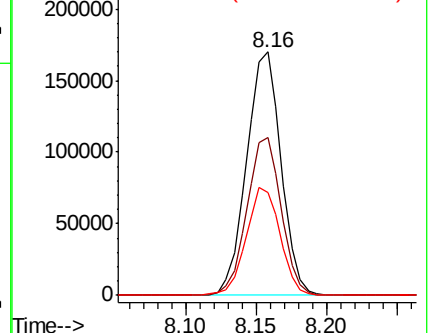
111 42.2 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.944 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

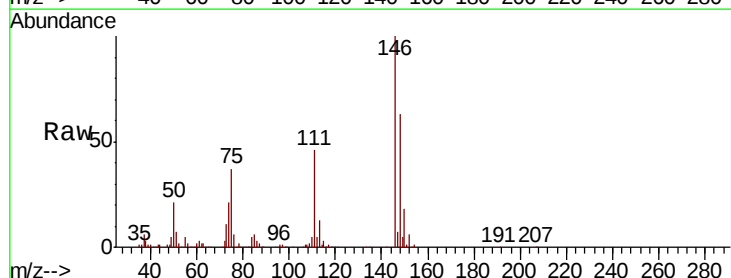
Tgt Ion:146 Resp: 271960

Ion Ratio Lower Upper

146 100

148 63.3 52.6 78.8

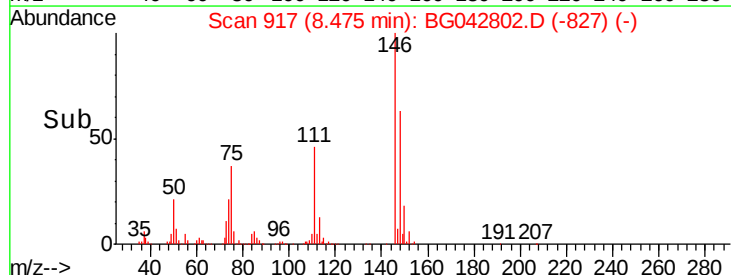
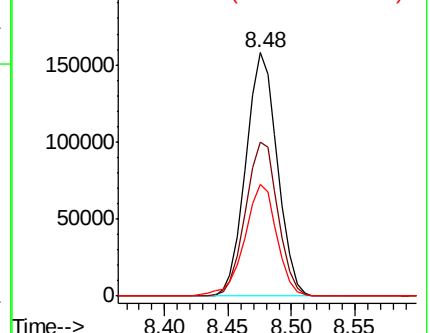
111 46.1 35.3 52.9

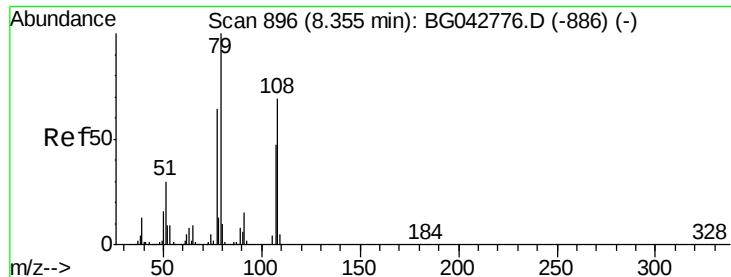


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.728 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

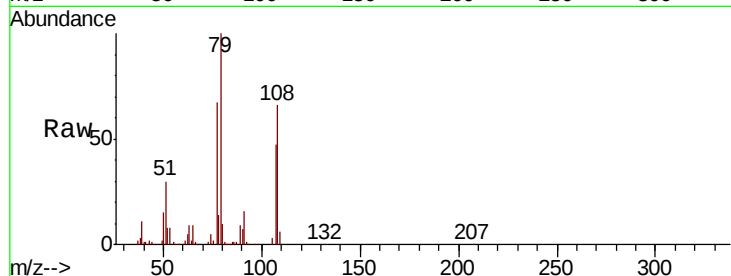
Tot Ion: 79 Resp: 297767

Ion Ratio Lower Upper

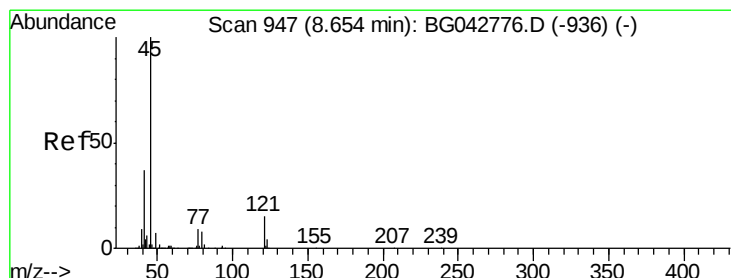
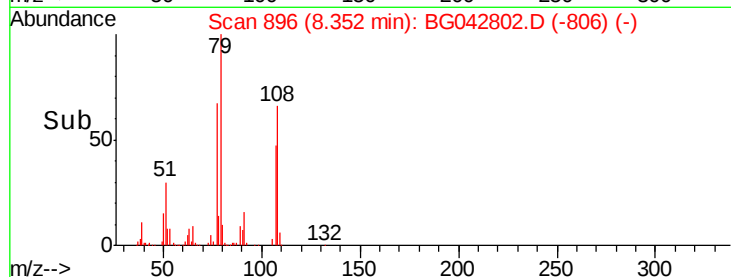
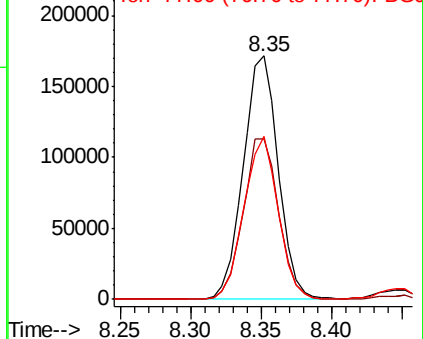
79 100

108 66.1 54.9 82.3

77 66.7 51.0 76.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.604 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

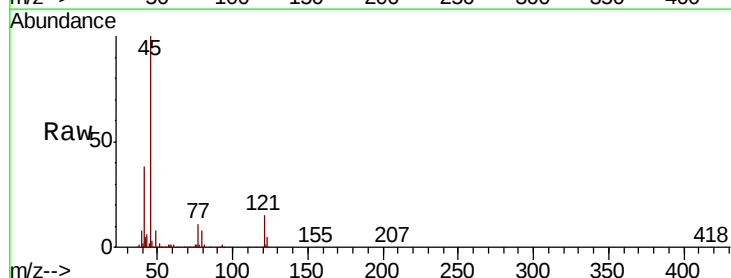
Tgt Ion: 45 Resp: 532510

Ion Ratio Lower Upper

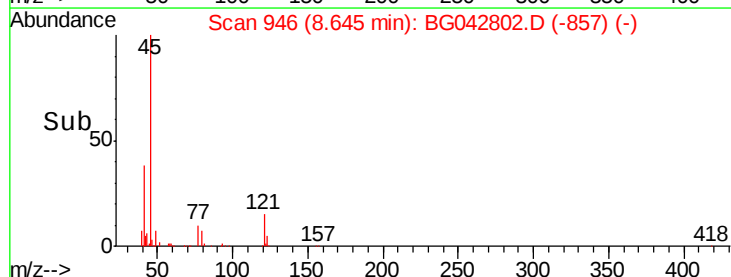
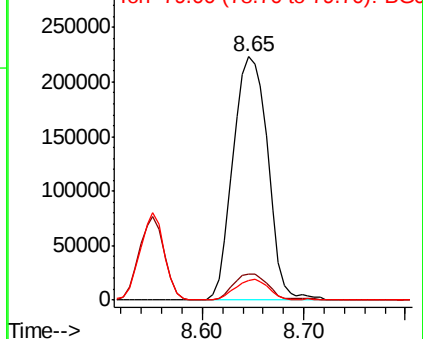
45 100

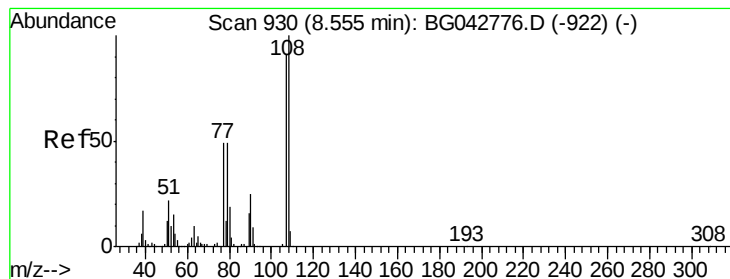
77 10.6 0.0 29.4

79 7.9 0.0 28.4



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

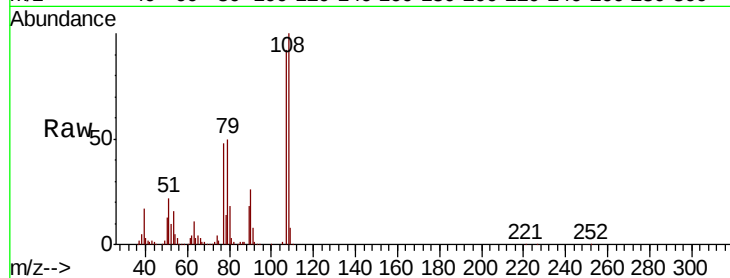




#17
2-Methylphenol
Concen: 47.544 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.7	131.5
77	52.7	42.6	64.0
79	54.4	43.4	65.2



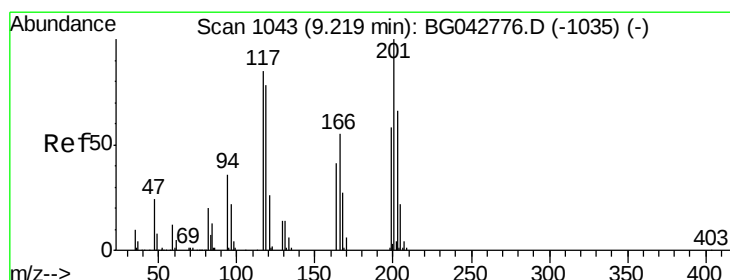
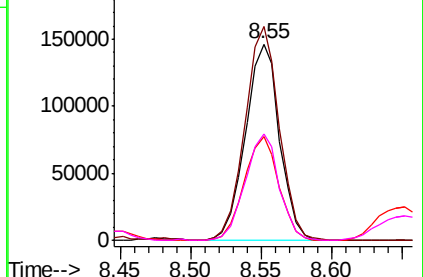
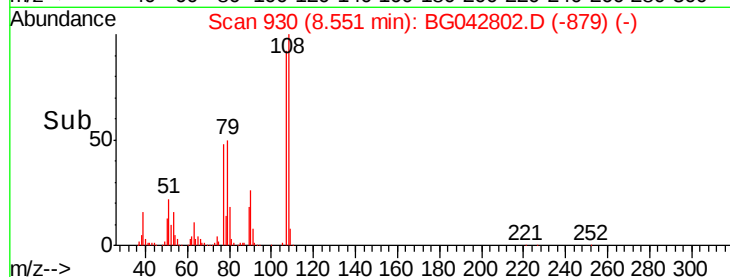
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

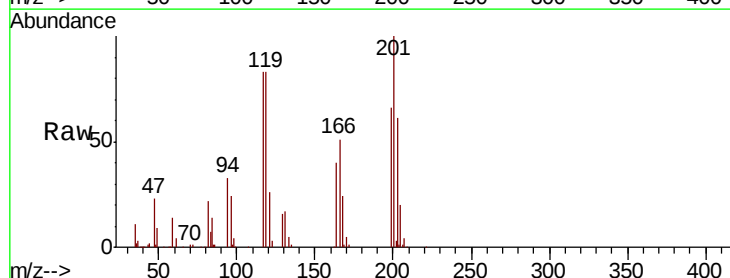
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.735 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	73.8	110.8
201	121.1	94.6	142.0

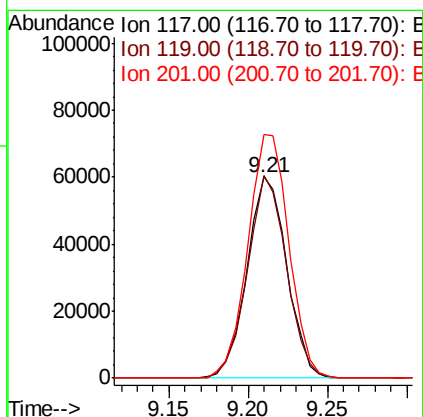
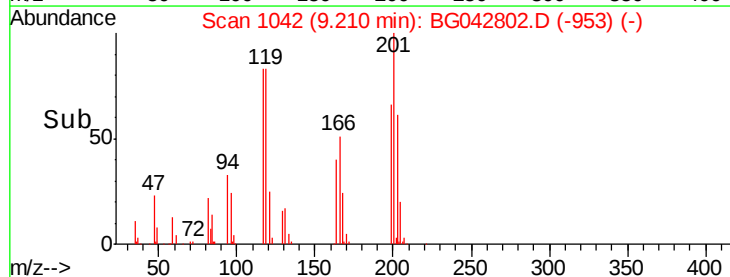


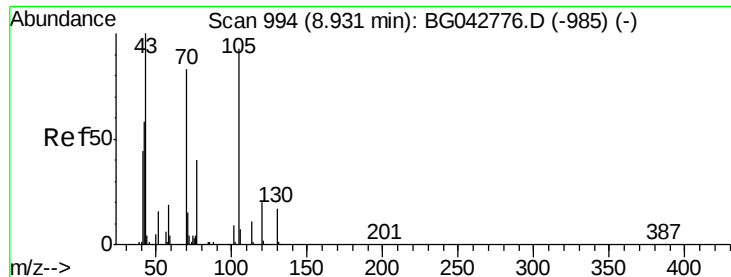
Abundance

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

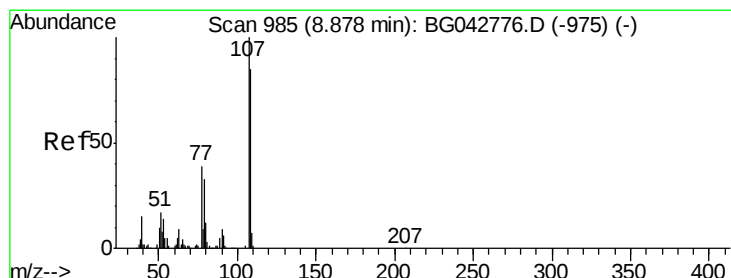
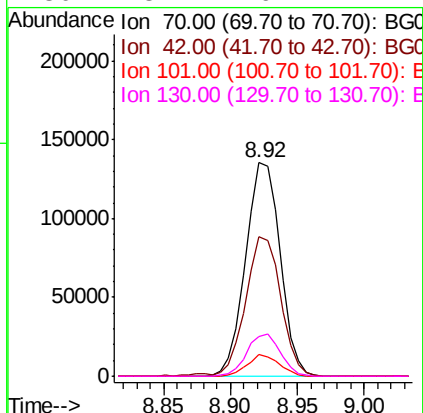
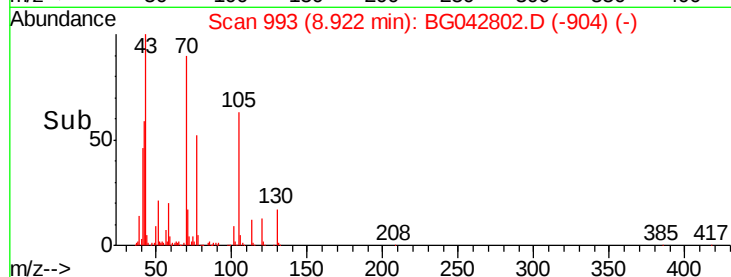
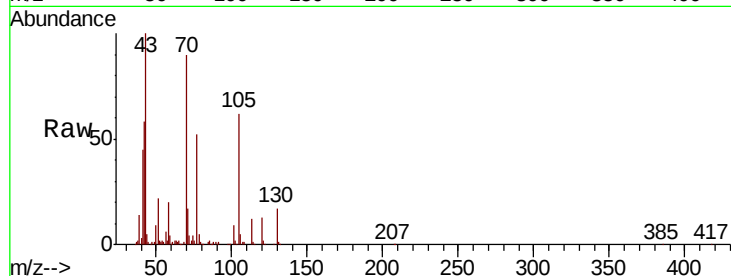




#19
n-Nitroso-di-n-propylamine
Concen: 43.374 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

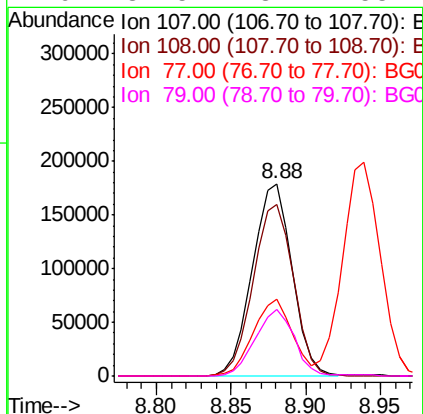
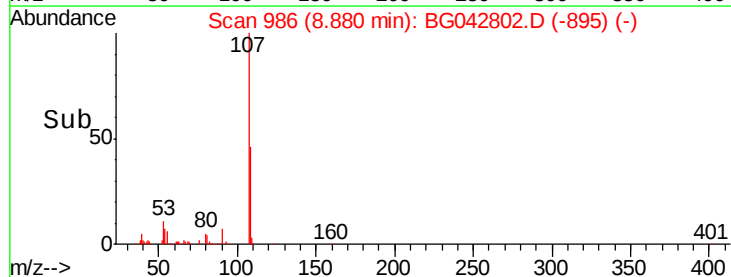
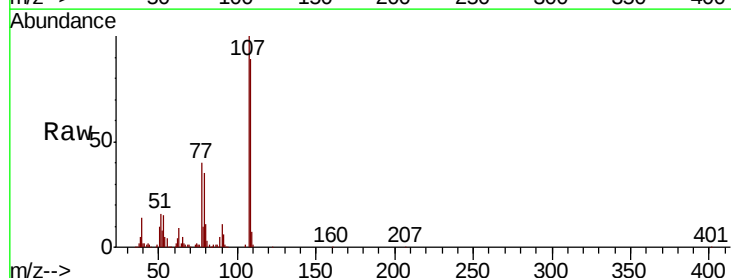
Instrument :
BNA_G
ClientSampleId :

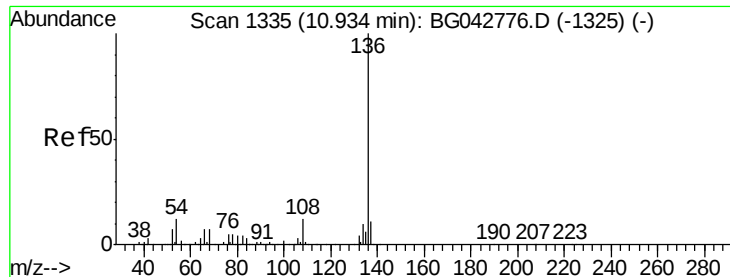
Tot Ion:	70	Resp:	242509
Ion	Ratio	Lower	Upper
70	100		
42	65.1	57.0	85.6
101	10.1	8.4	12.6
130	18.7	16.1	24.1



#20
3+4-Methylphenols
Concen: 45.806 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion:	107	Resp:	328718
Ion	Ratio	Lower	Upper
107	100		
108	89.2	65.4	105.4
77	40.0	18.7	58.7
79	34.5	13.7	53.7

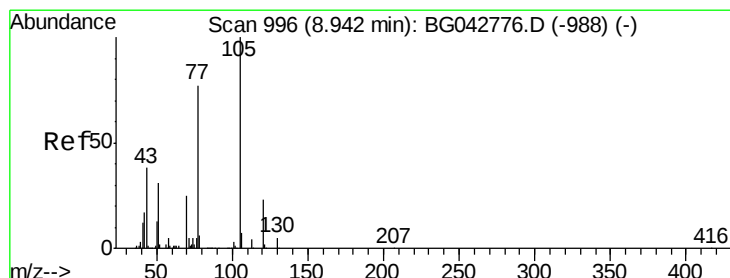
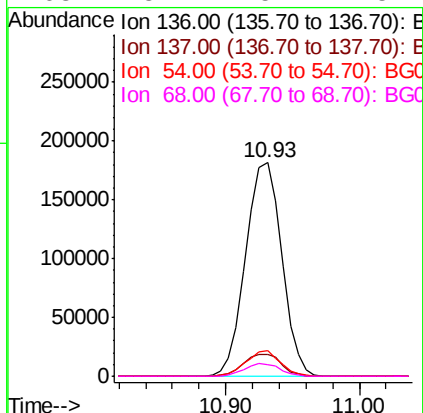
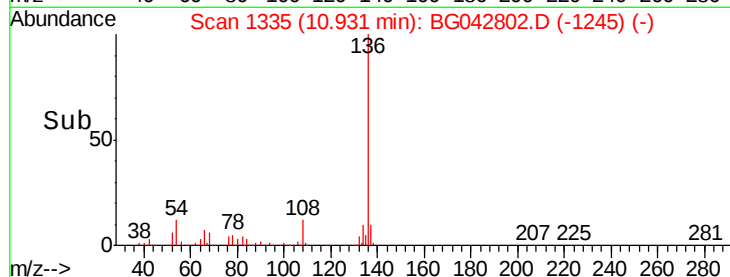
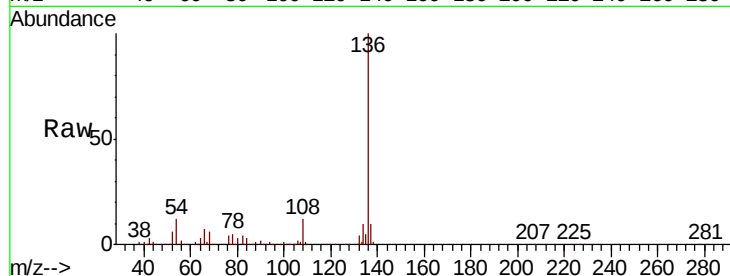




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

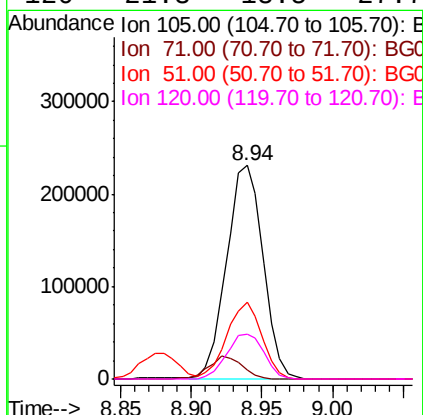
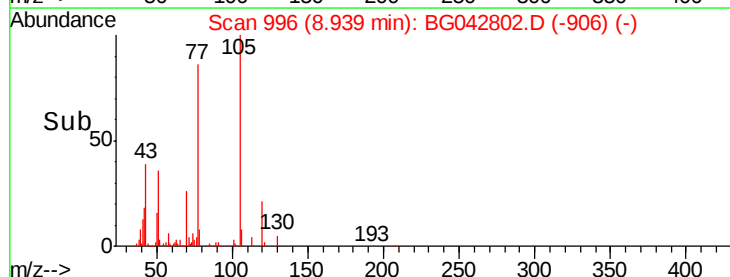
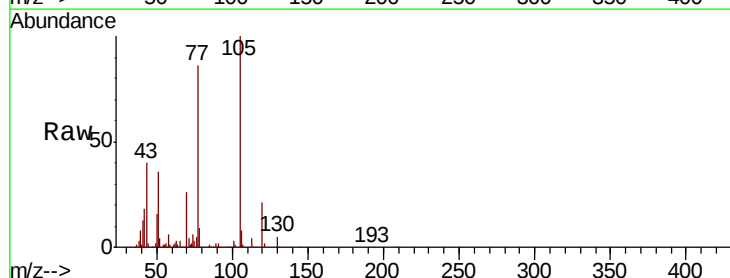
Instrument :
BNA_G
ClientSampleId :

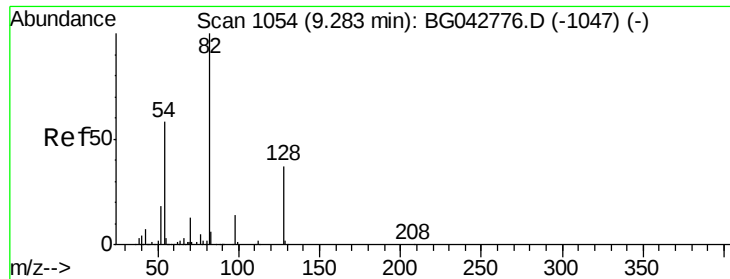
Tot Ion:136	Resp:	339279
Ion Ratio	Lower	Upper
136 100		
137 10.3	9.0	13.6
54 12.0	9.4	14.0
68 5.7	5.4	8.2



#22
Acetophenone
Concen: 48.433 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt	Ion:105	Resp:	415003
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.7	5.5
51	35.8	28.8	43.2
120	21.3	18.5	27.7

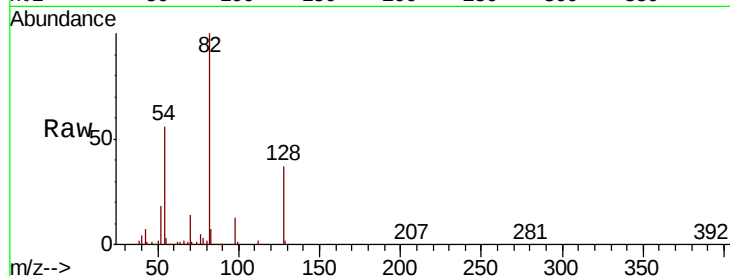




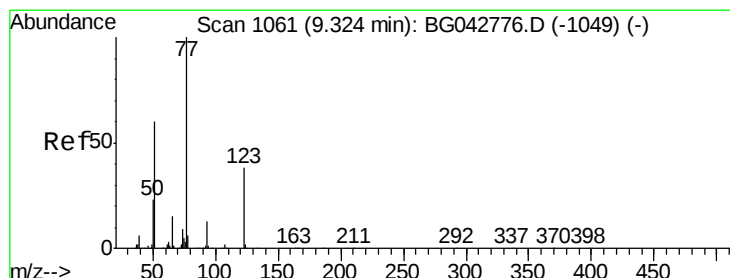
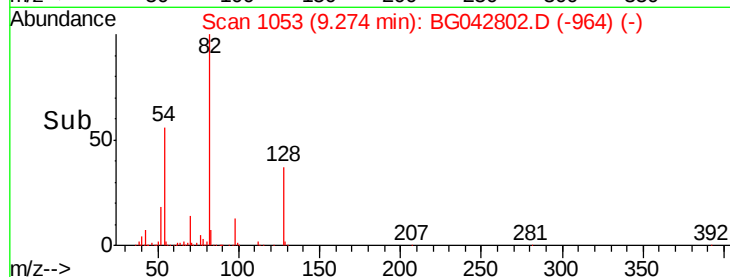
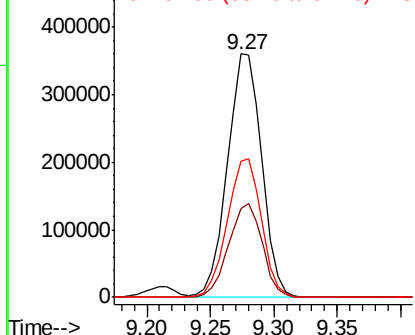
#23
Nitrobenzene-d5
Concen: 102.692 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	669221
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.8	44.8
54	55.8	46.1	69.1

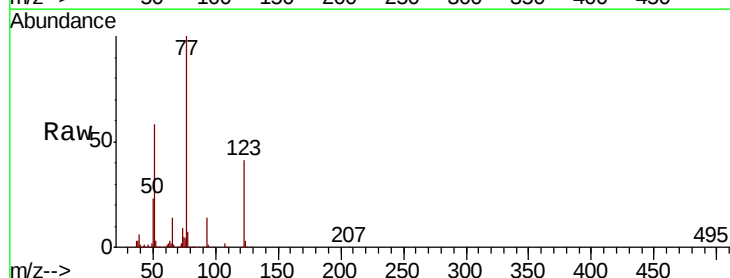


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

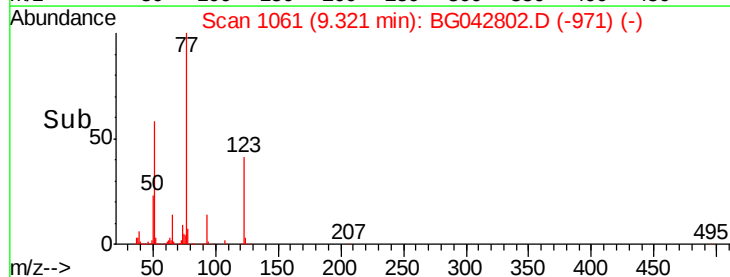
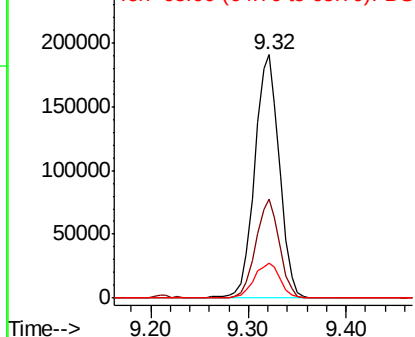


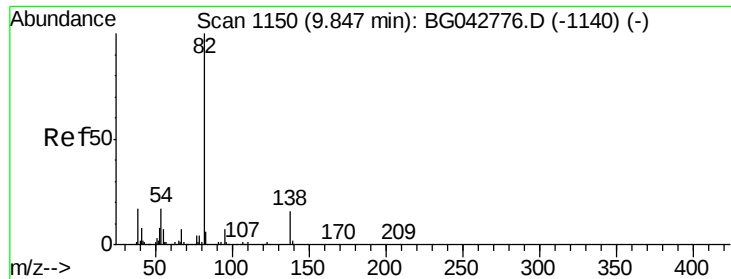
#24
Nitrobenzene
Concen: 49.509 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	77	Resp	338654
Ion Ratio	Lower	Upper	
77	100		
123	40.9	30.7	46.1
65	14.2	12.2	18.4



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: 46.830 ng

RT: 9.85 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

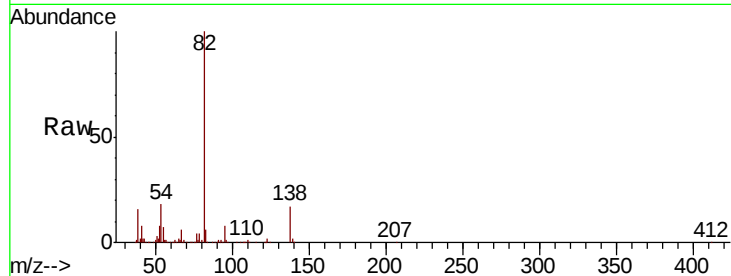
Tot Ion: 82 Resp: 636116

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

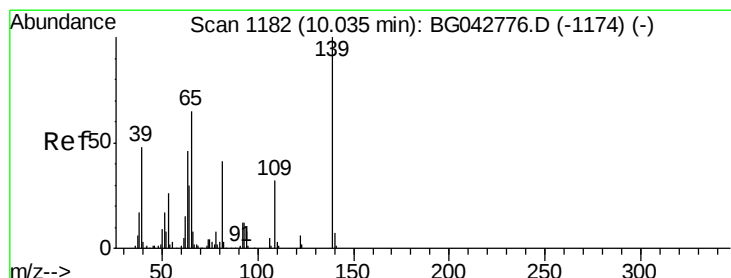
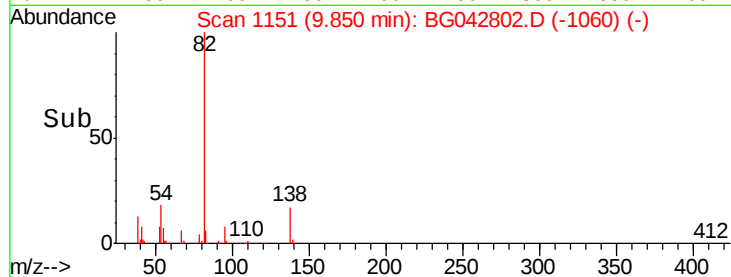
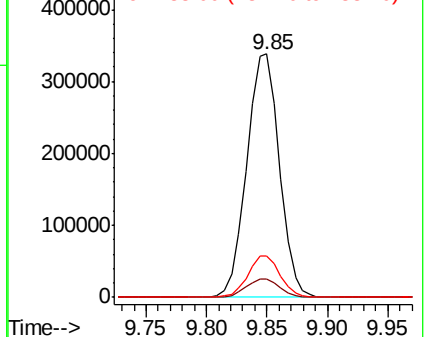
138 17.2 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG042802.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BG042802.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BG042802.D (-1060) (-)



#26

2-Nitrophenol

Concen: 52.751 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

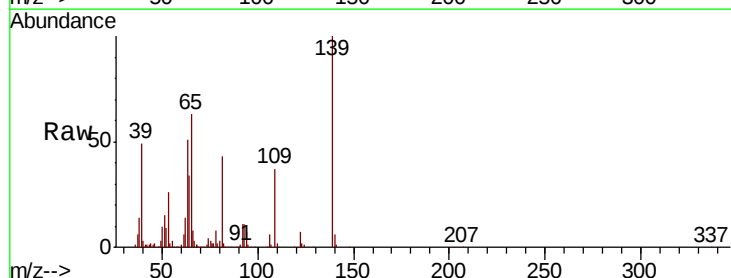
Tgt Ion: 139 Resp: 141888

Ion Ratio Lower Upper

139 100

109 36.6 25.8 38.8

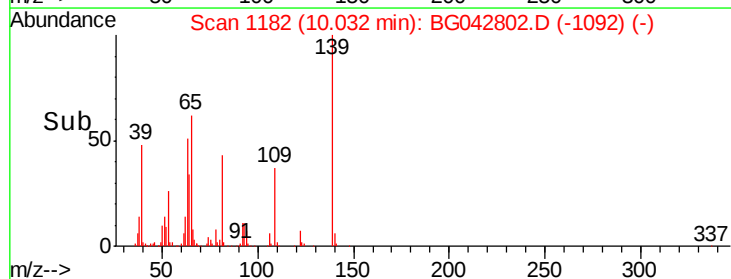
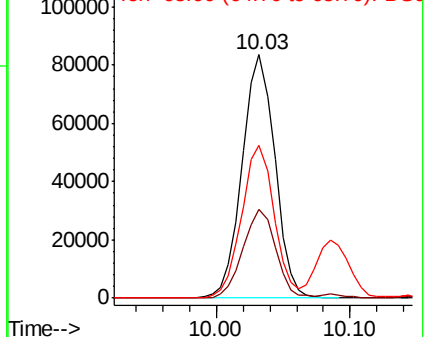
65 62.7 52.2 78.2

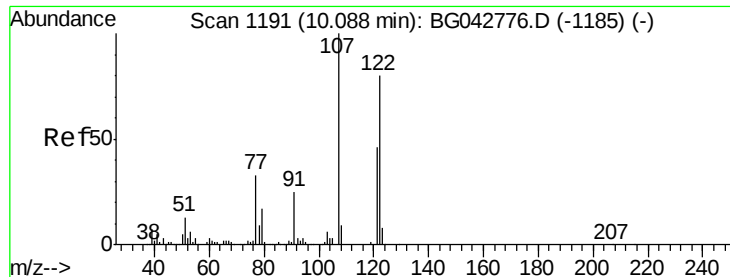


Abundance Ion 139.00 (138.70 to 139.70): BG042802.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BG042802.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BG042802.D (-1092) (-)

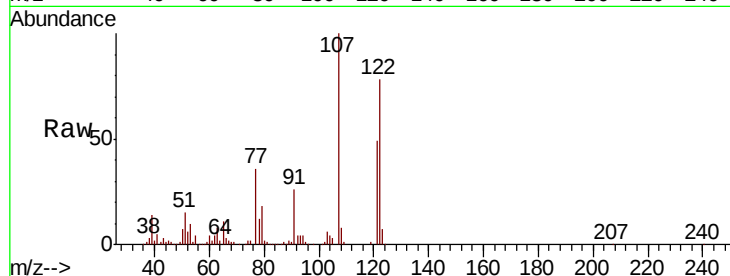




#27
 2,4-Dimethylphenol
 Concen: 55.607 ng
 RT: 10.08 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.5	98.9	148.3
121	62.6	46.2	69.2

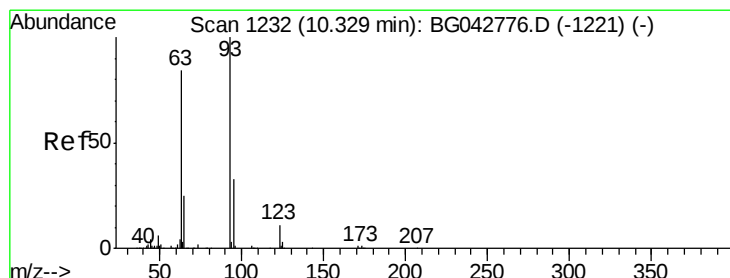
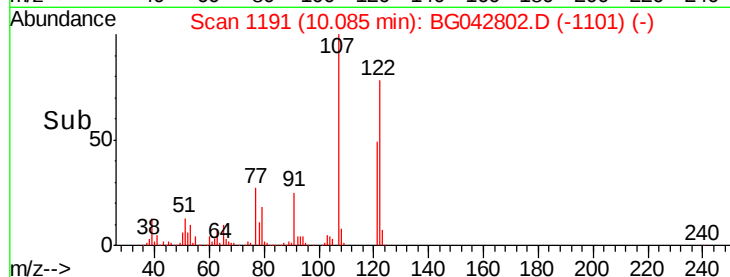
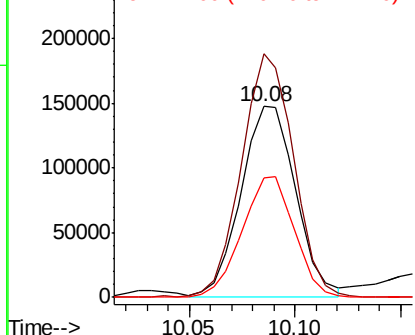


Abundance

Ion 122.00 (121.70 to 122.70): E

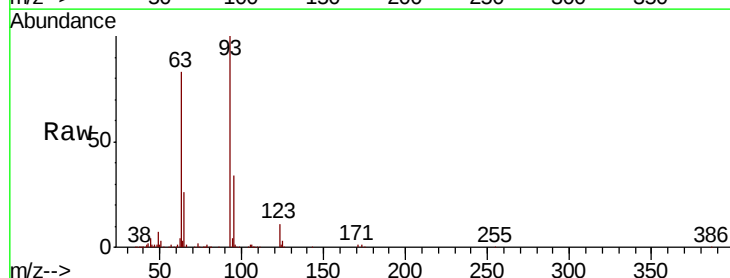
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.572 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	11.0	9.0	13.6

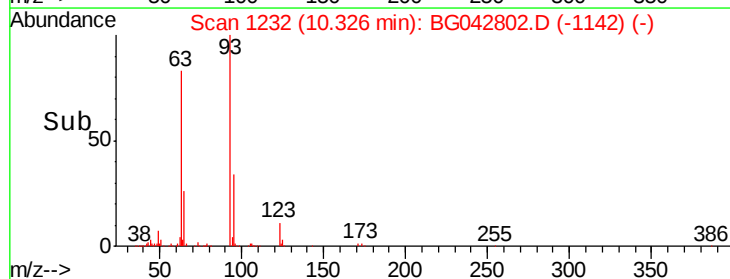
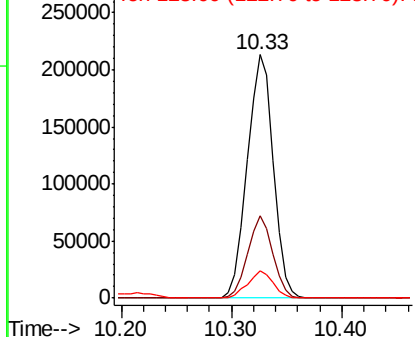


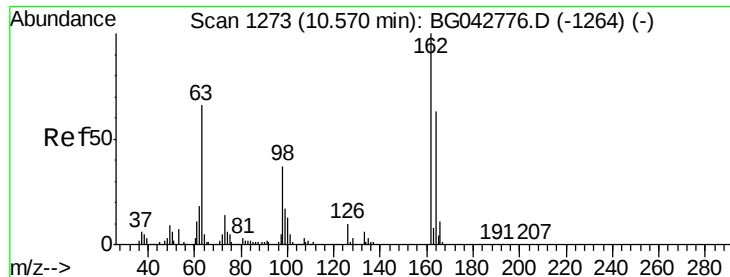
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

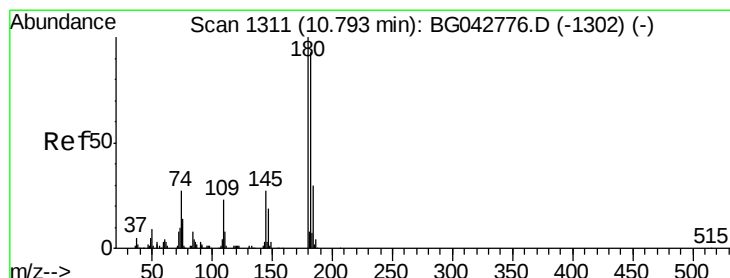
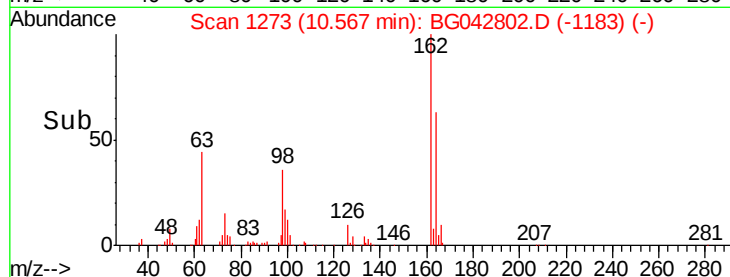
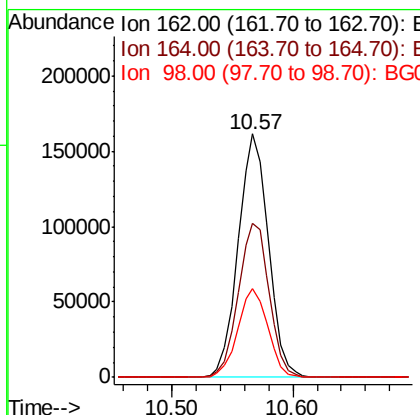
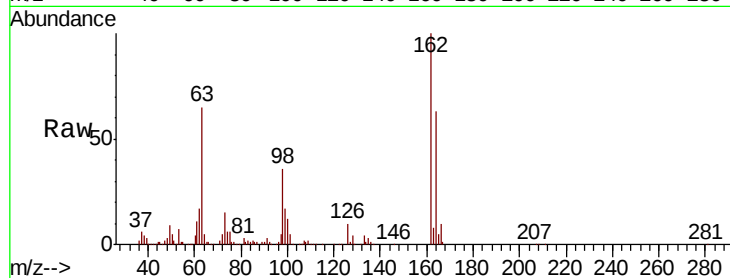




#29
 2,4-Dichlorophenol
 Concen: 50.970 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

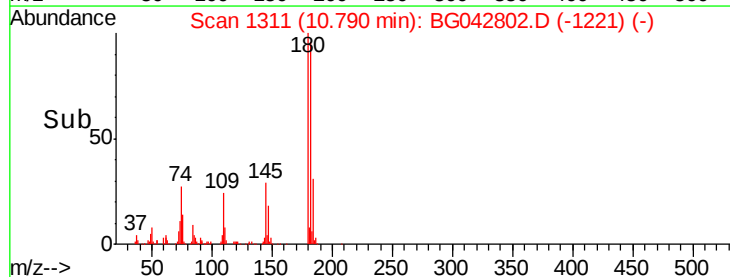
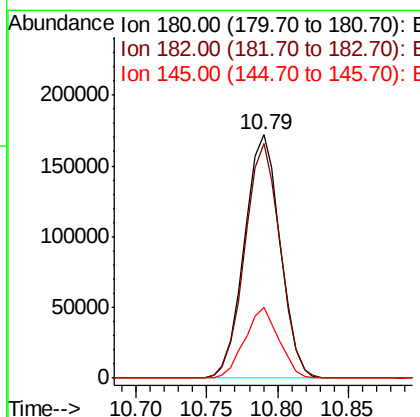
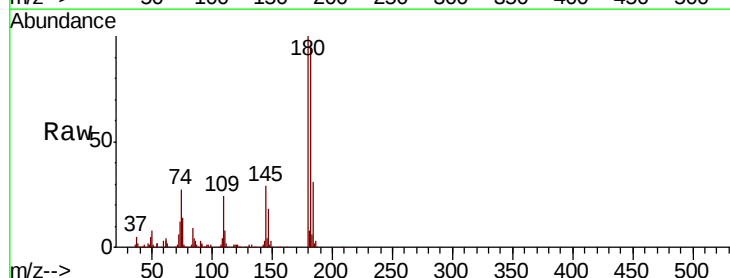
Instrument :
 BNA_G
 ClientSampleId :

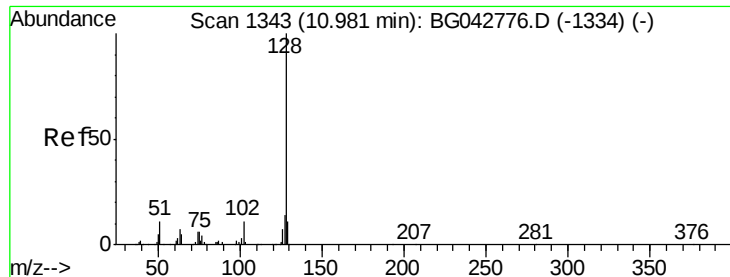
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.4	83.4
98	36.2	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.187 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.6	112.0
145	29.3	21.8	32.6

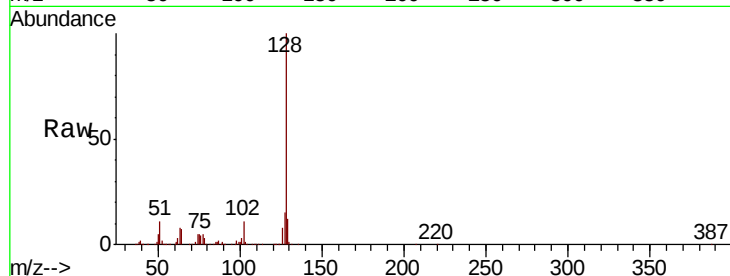




#31
Naphthalene
Concen: 47.793 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	15.1	11.4	17.2

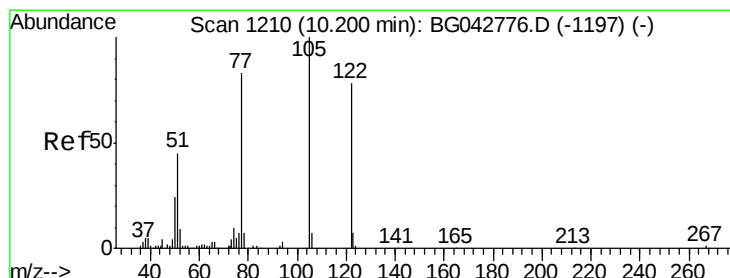
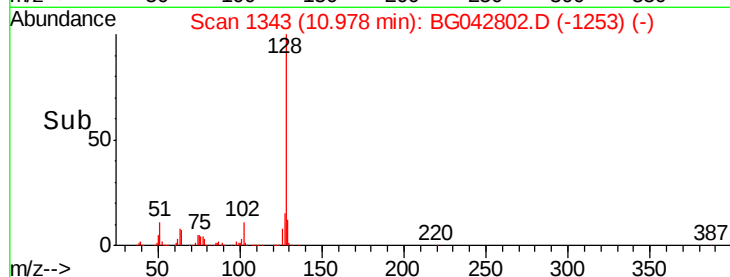
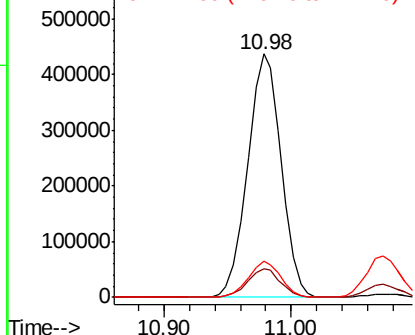


Abundance

Ion 128.00 (127.70 to 128.70): E

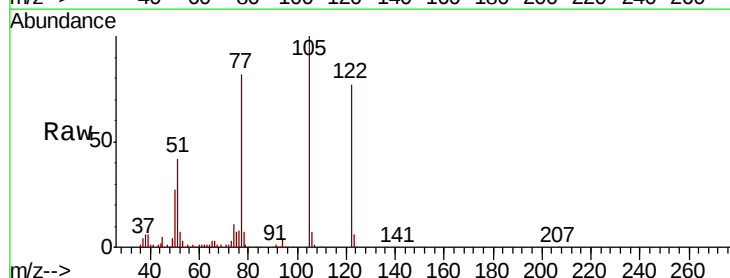
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.597 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.03 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	104.0	144.0
77	106.1	84.2	124.2

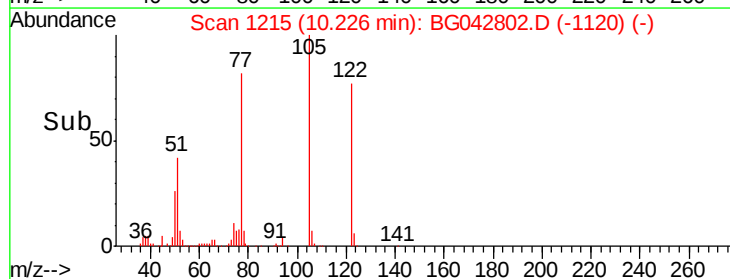
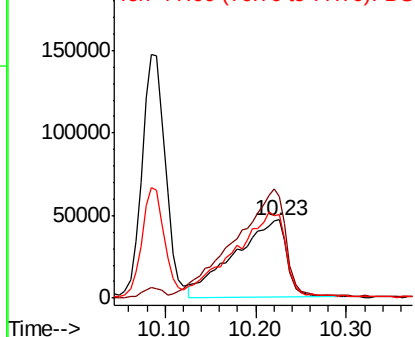


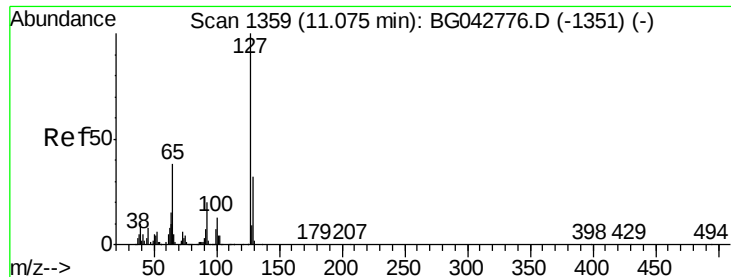
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

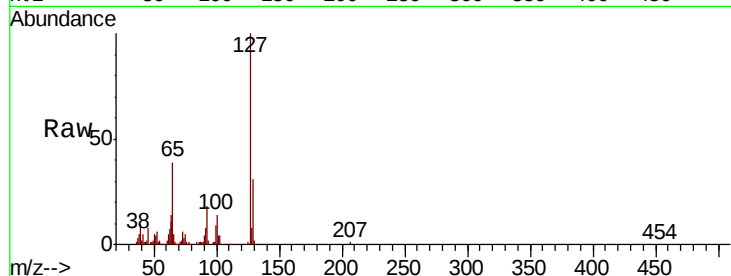




#33
4-Chloroaniline
Concen: 17.843 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	139700
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.8	38.6
65	39.1	30.5	45.7
92	18.1	15.9	23.9



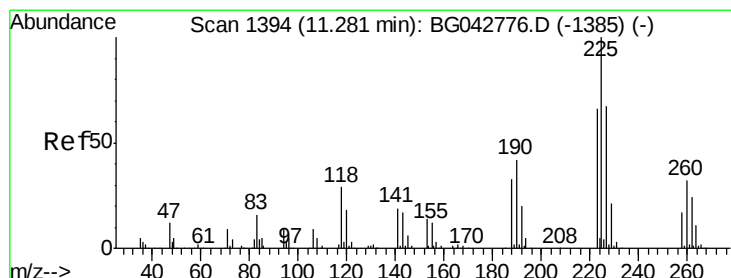
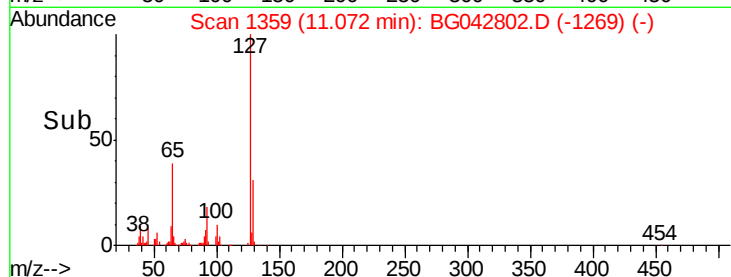
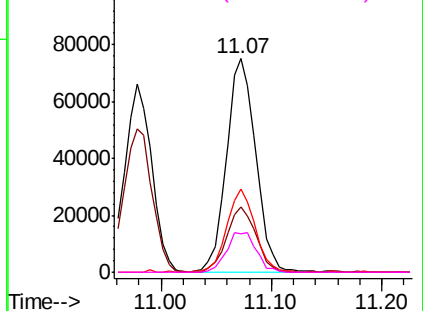
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

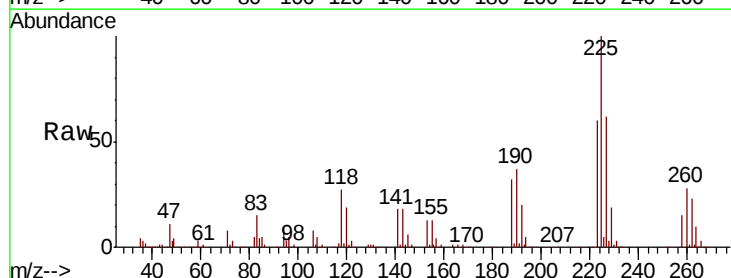
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.808 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion:	225	Resp:	211930
Ion	Ratio	Lower	Upper
225	100		
223	60.1	52.6	79.0
227	61.7	53.6	80.4

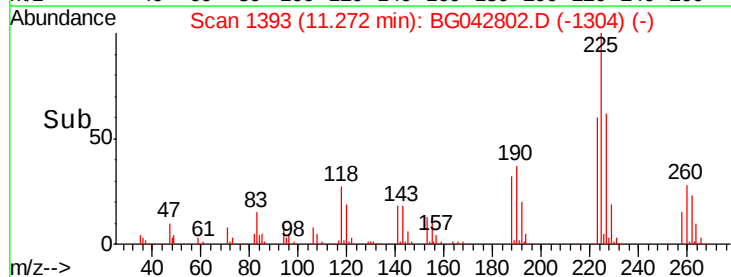
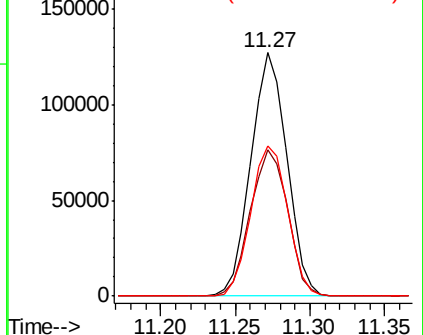


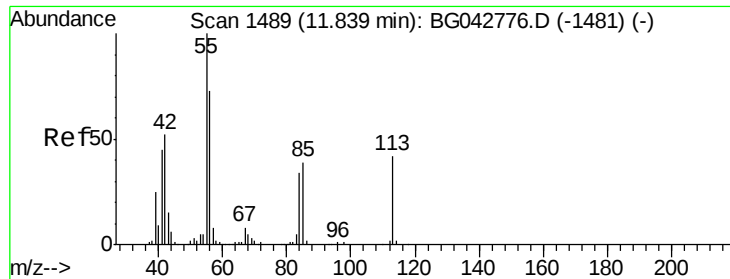
Abundance

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: 26.321 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampled :

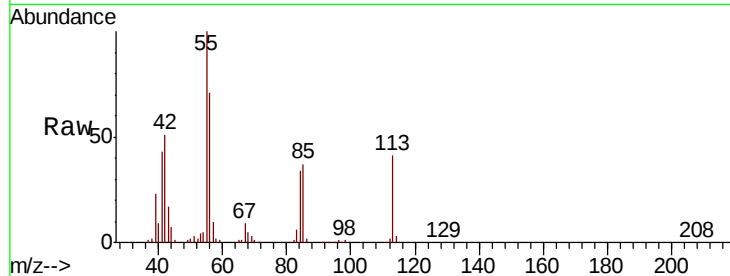
Tot Ion:113 Resp: 54119

Ion Ratio Lower Upper

113 100

55 244.1 218.4 258.4

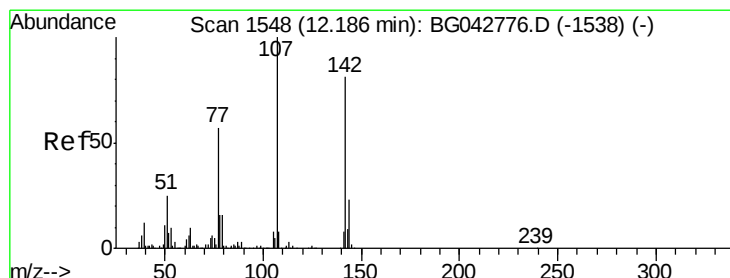
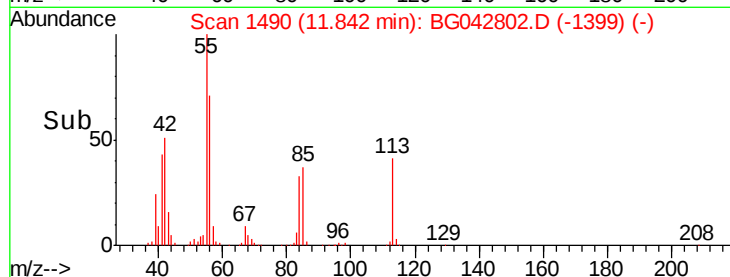
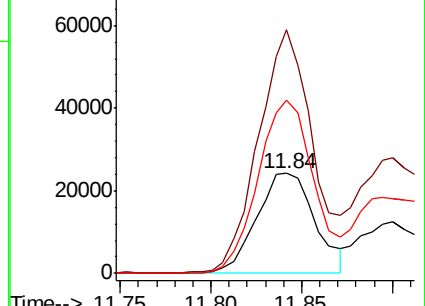
56 173.2 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.139 ng

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

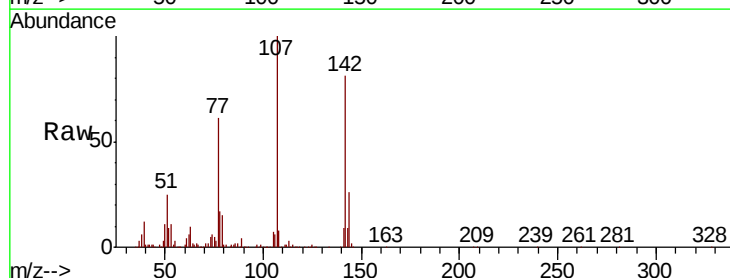
Tgt Ion:107 Resp: 307006

Ion Ratio Lower Upper

107 100

144 26.5 18.7 28.1

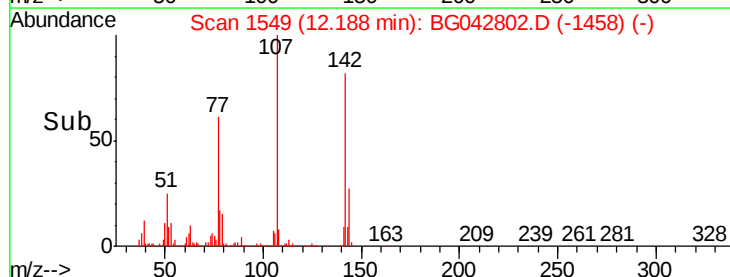
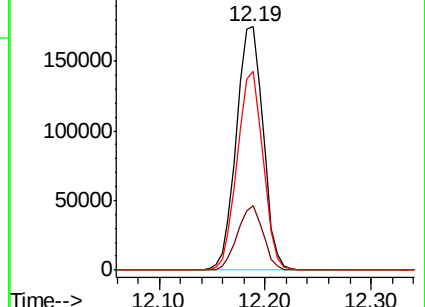
142 81.5 65.0 97.4

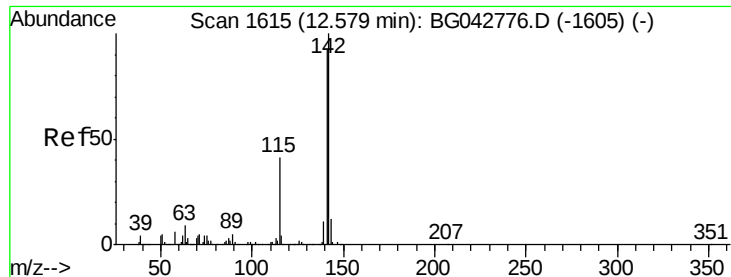


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.506 ng

RT: 12.58 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

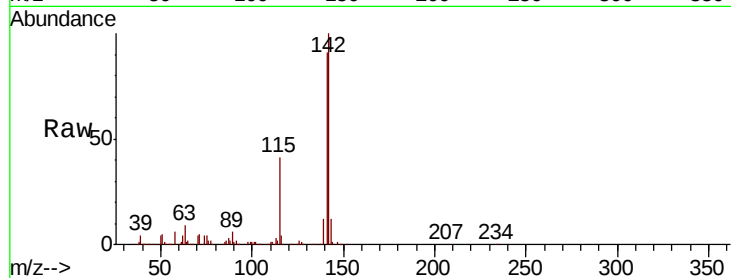
Tot Ion:142 Resp: 596118

Ion Ratio Lower Upper

142 100

141 90.8 73.8 110.8

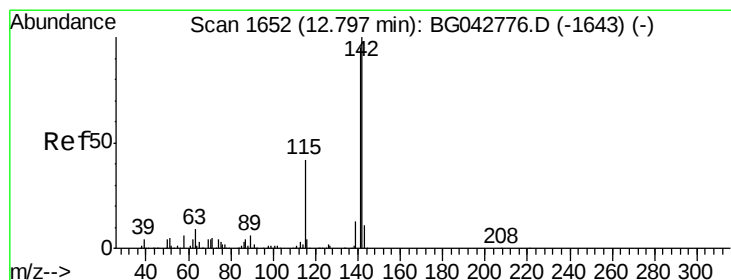
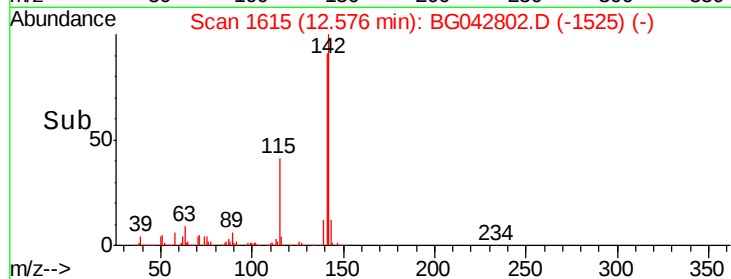
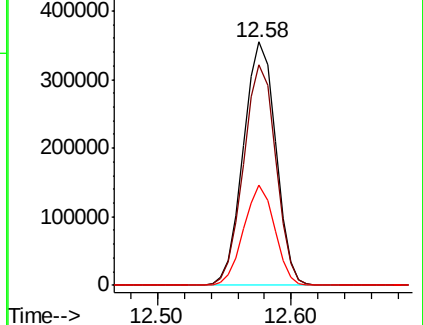
115 41.2 33.0 49.4



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: 47.390 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

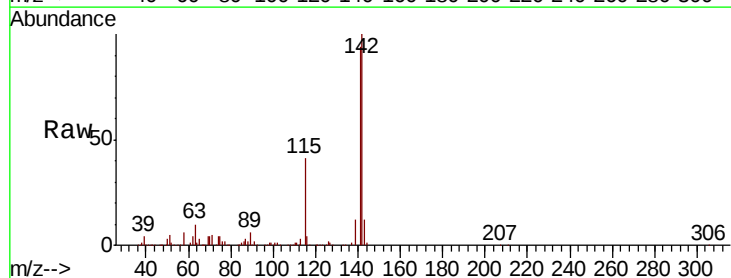
Tgt Ion:142 Resp: 557741

Ion Ratio Lower Upper

142 100

141 93.5 76.3 114.5

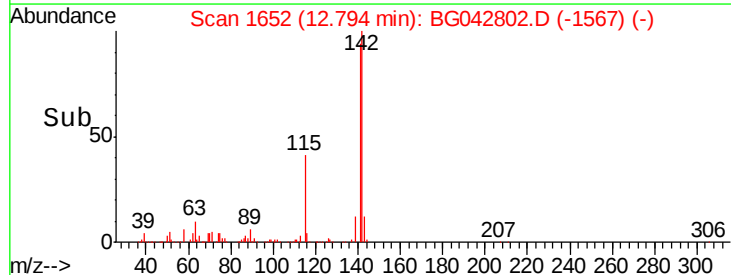
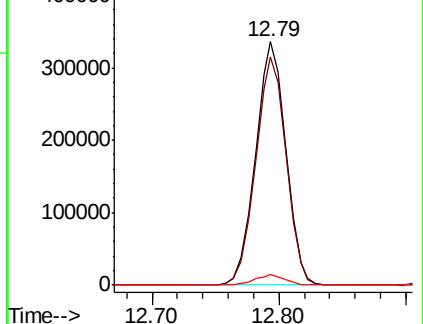
116 4.2 3.4 5.0

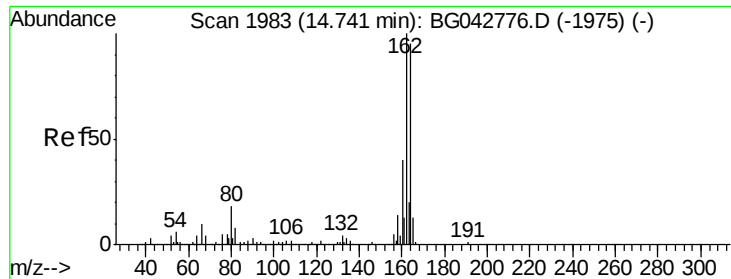


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

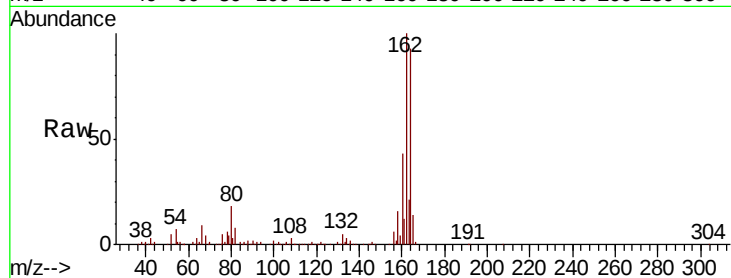
Tot Ion:164 Resp: 228877

Ion Ratio Lower Upper

164 100

162 107.5 84.6 126.8

160 46.2 34.2 51.2

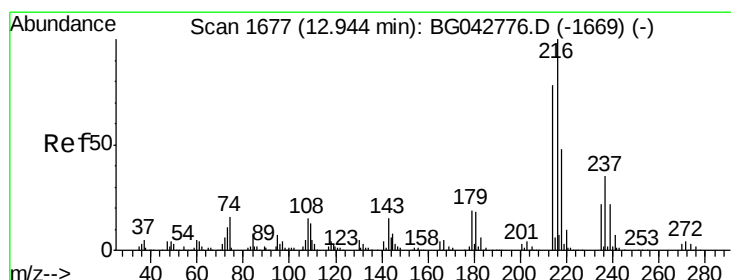
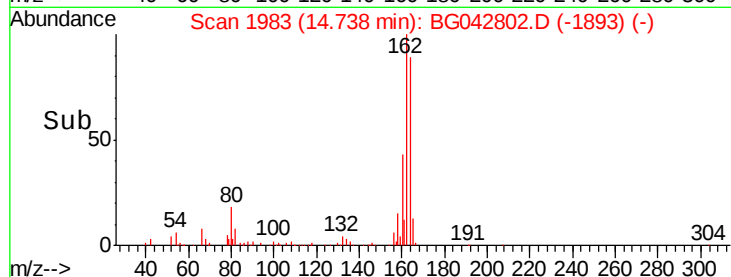
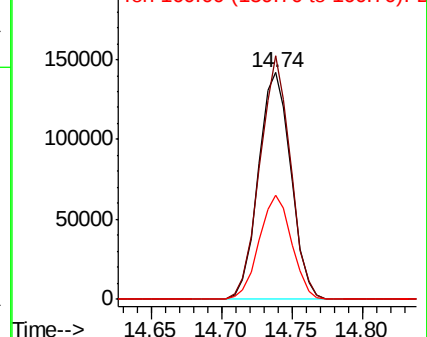


Abundance

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: 48.018 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:216 Resp: 363169

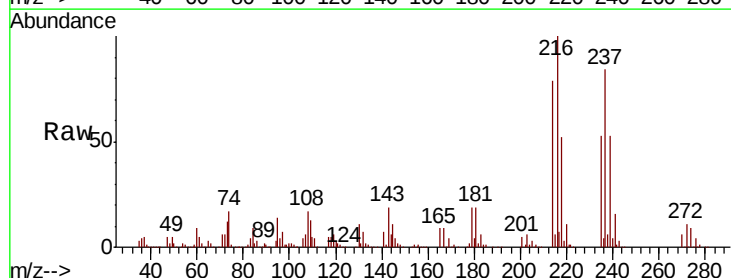
Ion Ratio Lower Upper

216 100

214 79.9 62.8 94.2

179 19.7 15.3 22.9

108 18.8 12.9 19.3



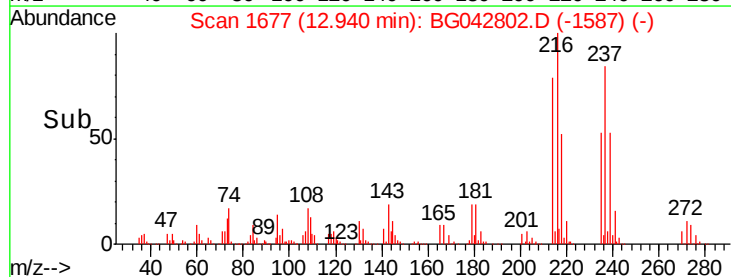
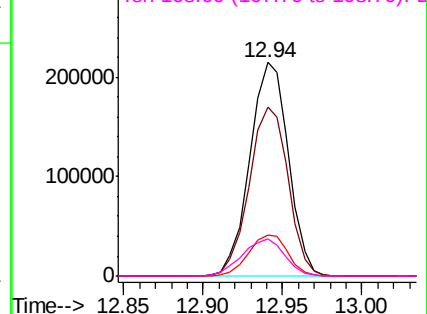
Abundance

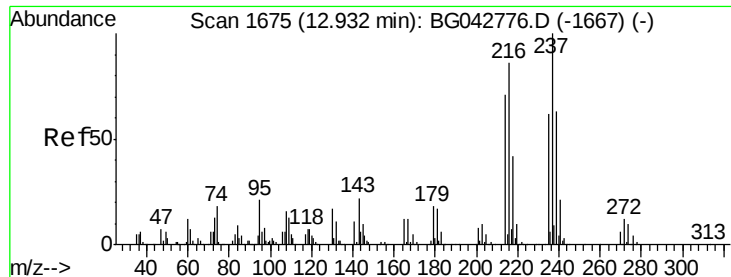
Ion 216.00 (215.70 to 216.70): E

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: 116.762 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

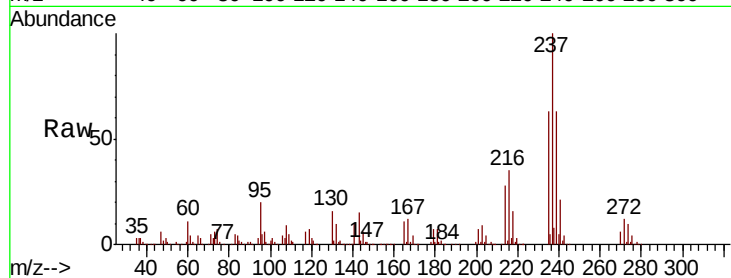
Tot Ion:237 Resp: 505894

Ion Ratio Lower Upper

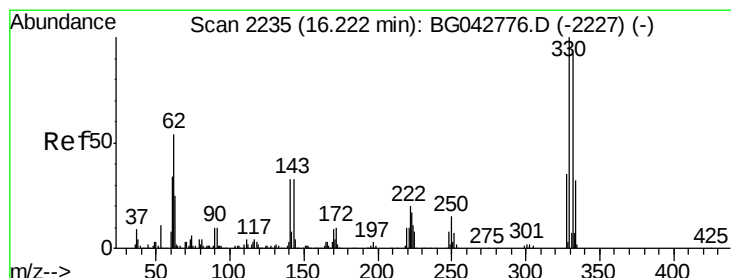
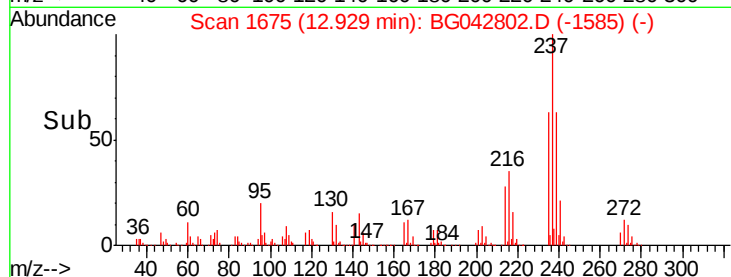
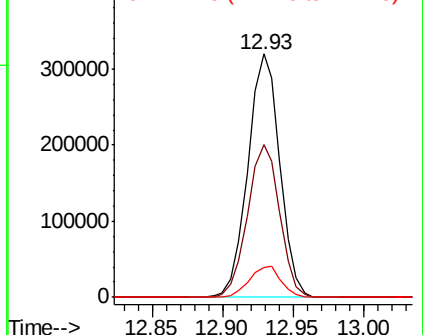
237 100

235 62.6 41.9 81.9

272 12.4 0.0 31.6



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: 152.777 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

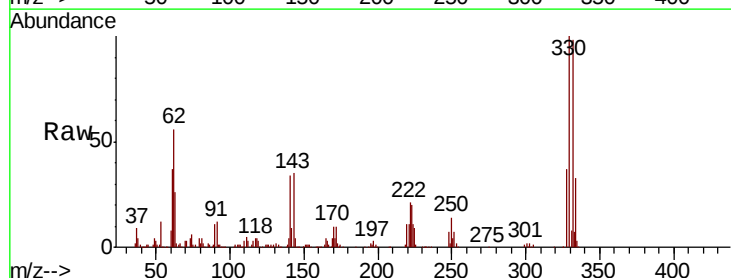
Tgt Ion:330 Resp: 465210

Ion Ratio Lower Upper

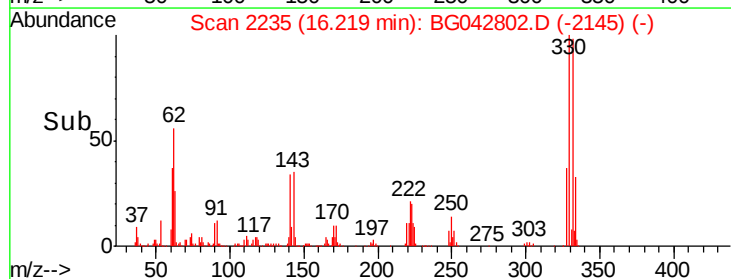
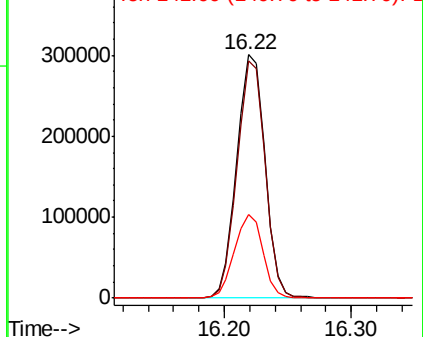
330 100

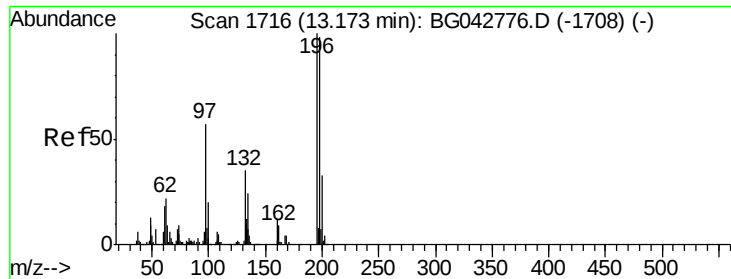
332 96.6 76.7 115.1

141 34.5 27.0 40.6



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

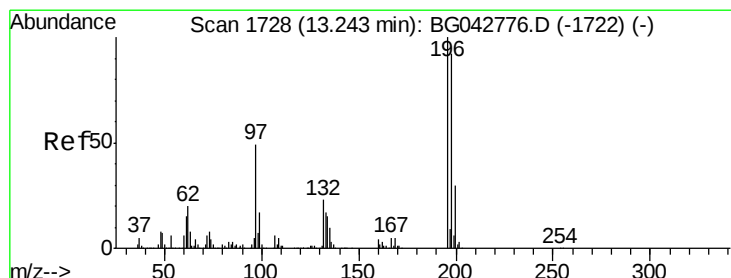
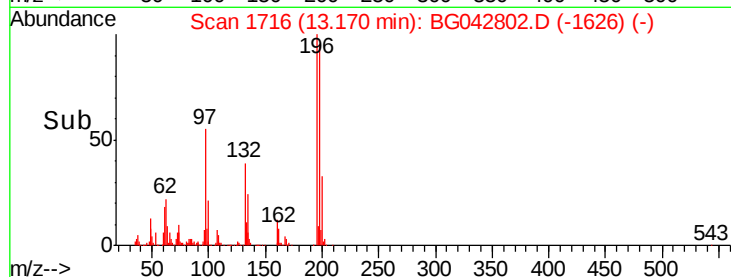
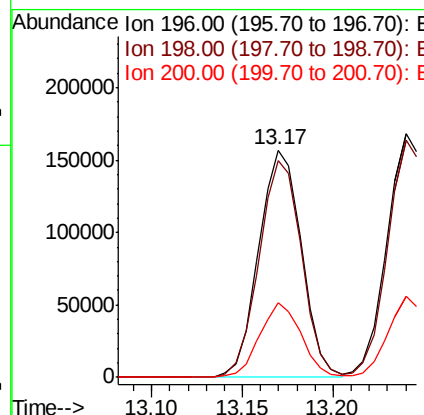
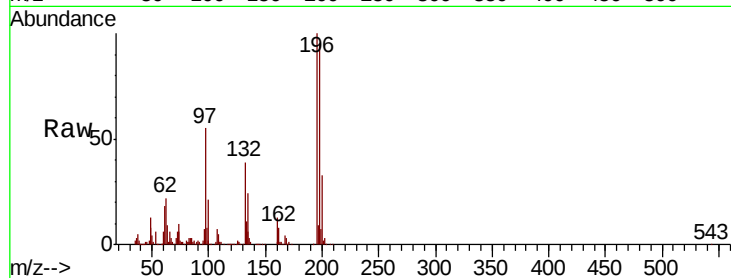




#43
 2,4,6-Trichlorophenol
 Concen: 50.827 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

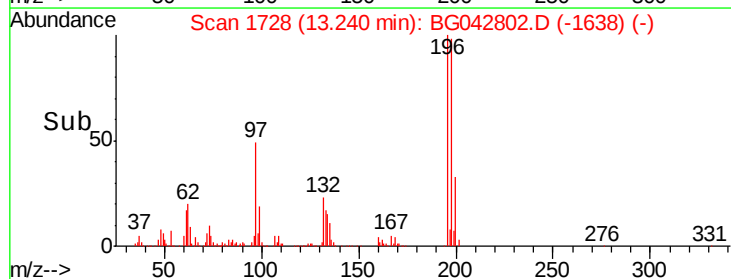
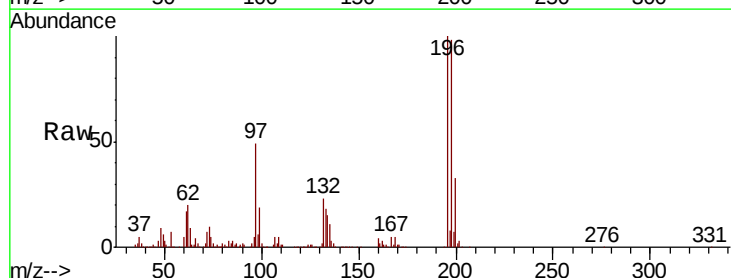
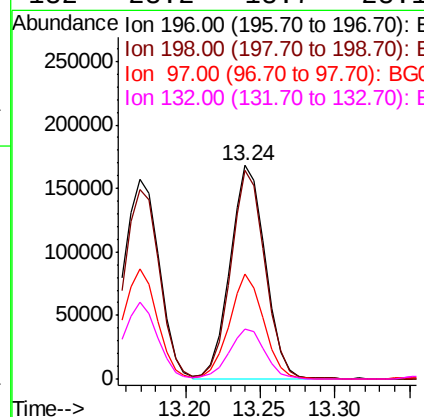
Instrument :
 BNA_G
 ClientSampleId :

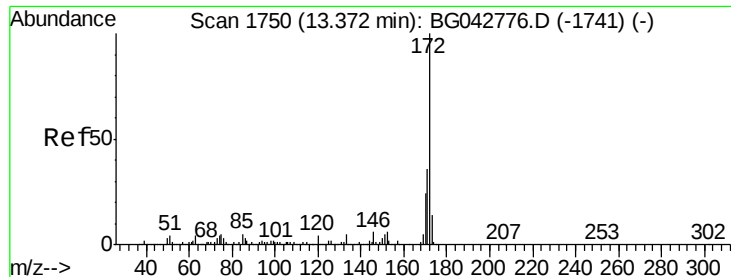
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.8	118.2
200	33.1	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 53.472 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	73.4	110.0
97	49.1	39.2	58.8
132	23.2	18.7	28.1

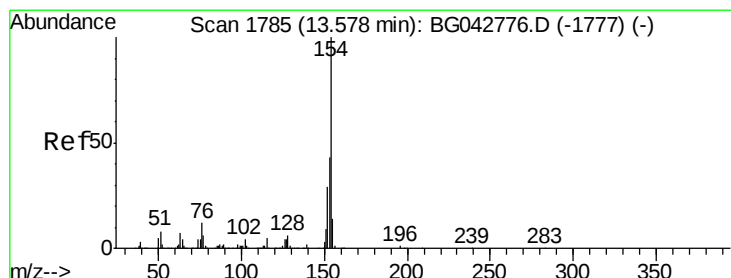
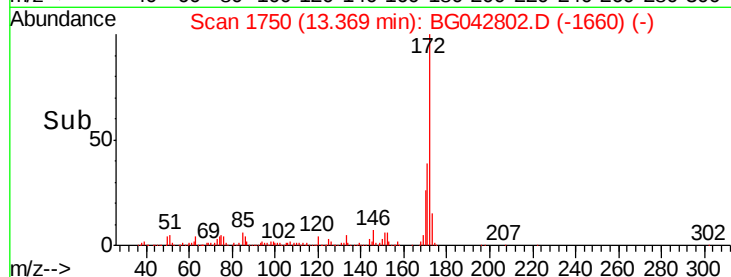
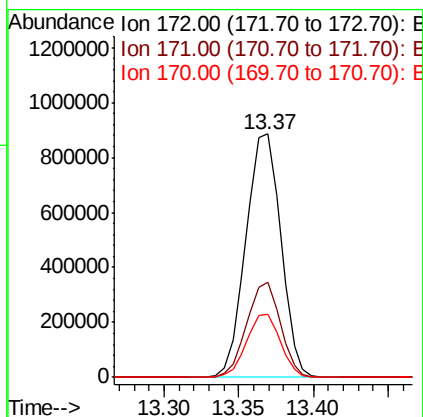
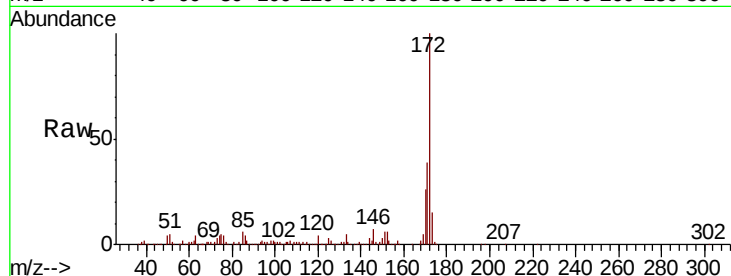




#45
2-Fluorobiphenyl
Concen: 99.373 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

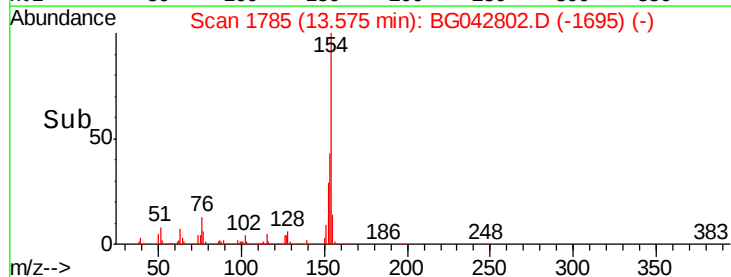
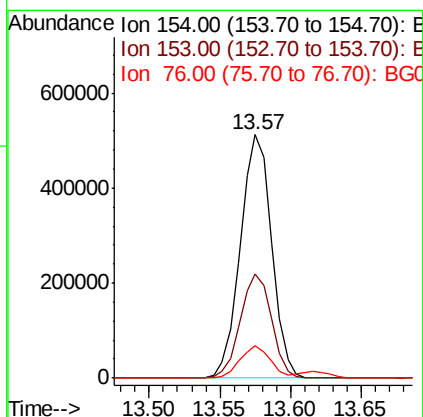
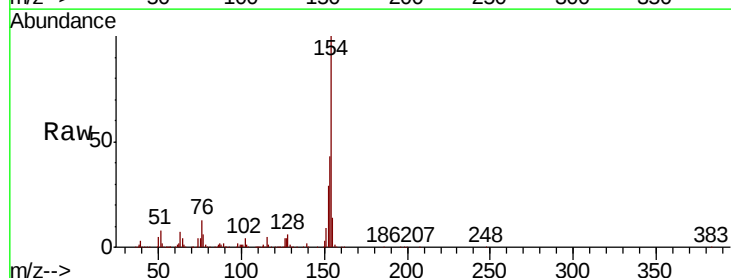
Instrument :
BNA_G
ClientSampleId :

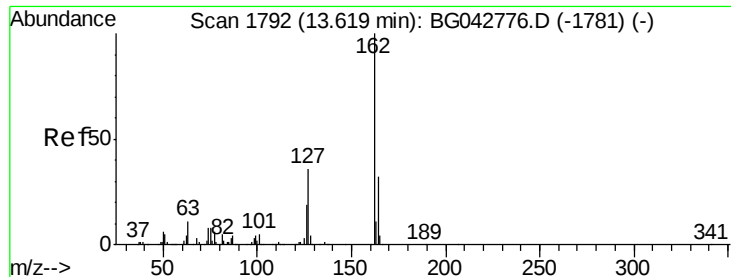
Tot Ion:172 Resp: 1436841
Ion Ratio Lower Upper
172 100
171 39.1 28.9 43.3
170 25.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 49.472 ng
RT: 13.57 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion:154 Resp: 792683
Ion Ratio Lower Upper
154 100
153 42.7 22.6 62.6
76 13.1 0.0 32.2

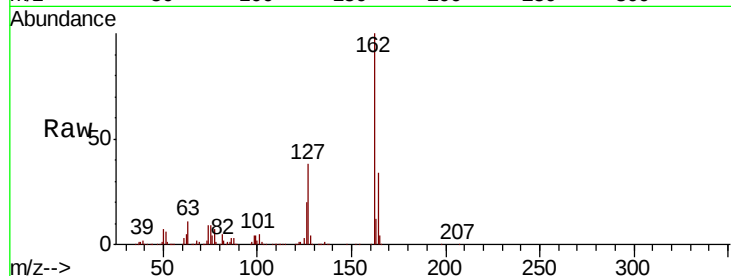




#47
 2-Chloronaphthalene
 Concen: 46.228 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.3	43.9
164	34.4	26.0	39.0

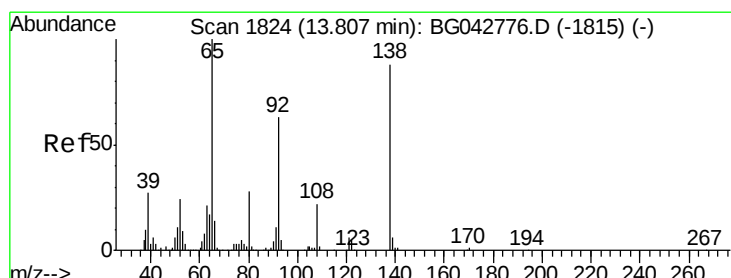
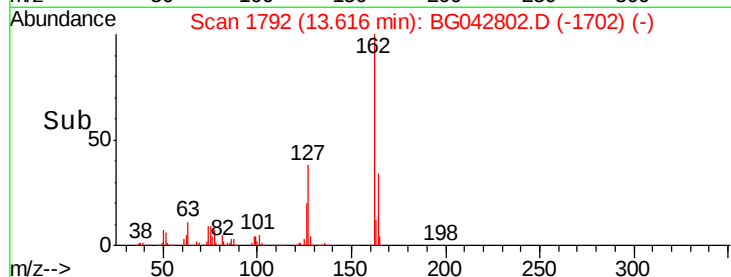
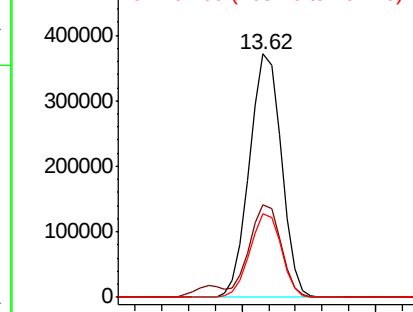


Abundance

Ion 162.00 (161.70 to 162.70): E

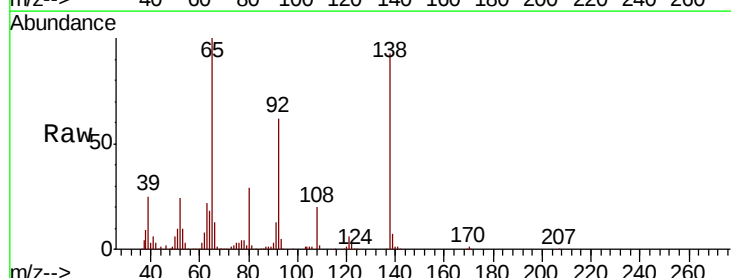
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 50.448 ng
 RT: 13.80 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	50.4	75.6
138	92.8	70.6	106.0

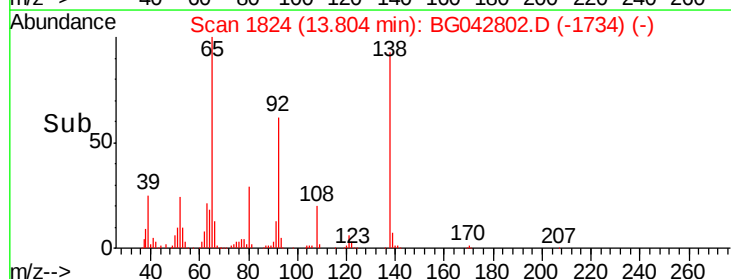
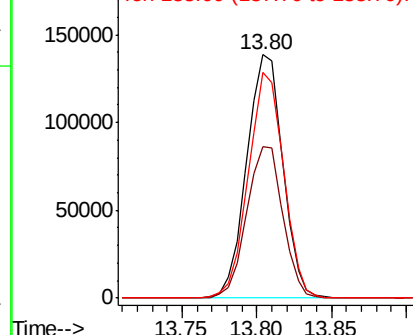


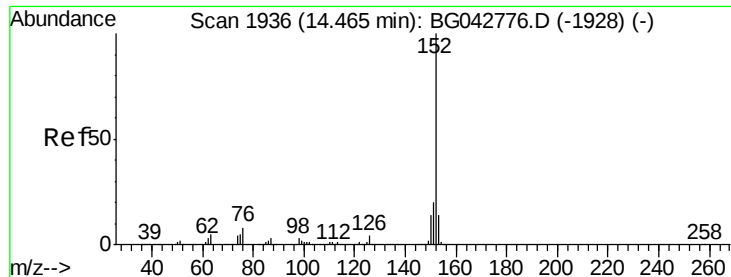
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.298 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

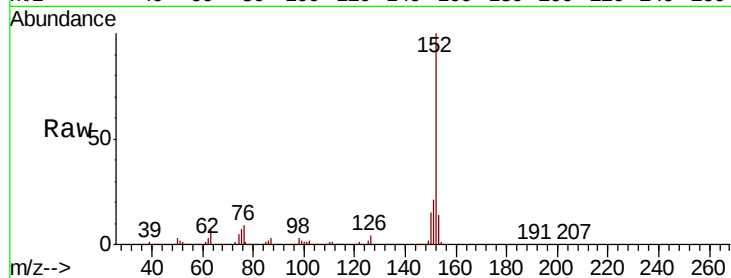
Tot Ion:152 Resp: 998534

Ion Ratio Lower Upper

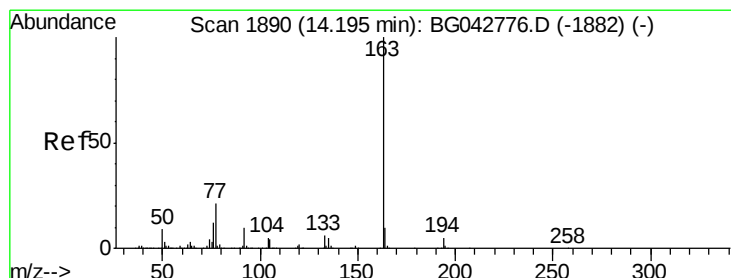
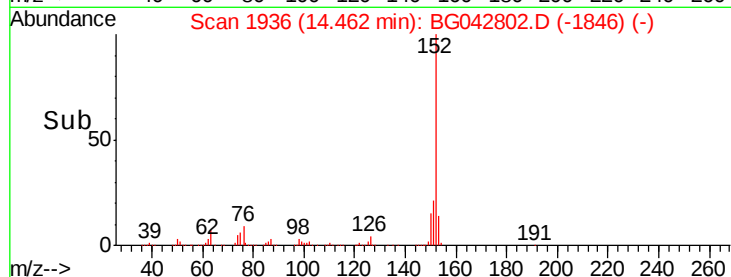
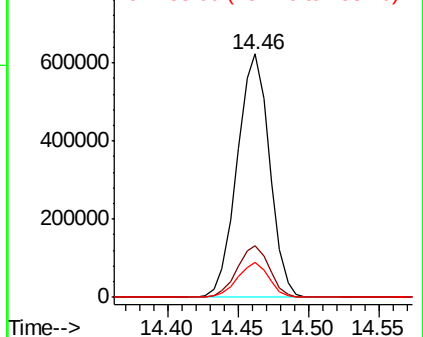
152 100

151 21.1 16.0 24.0

153 14.4 11.4 17.0



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: 47.529 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

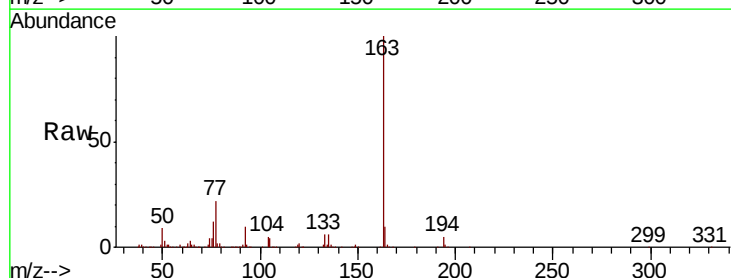
Tgt Ion:163 Resp: 814927

Ion Ratio Lower Upper

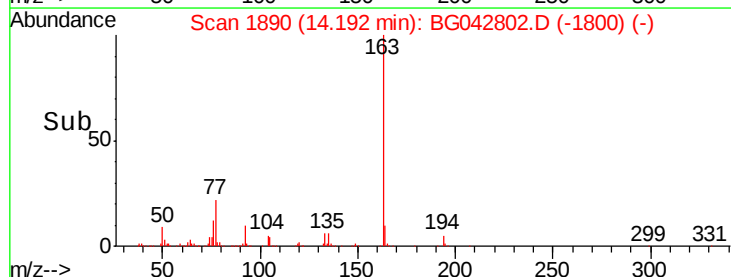
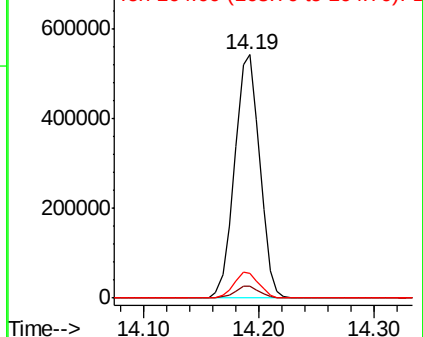
163 100

194 5.0 4.2 6.4

164 10.2 8.4 12.6



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

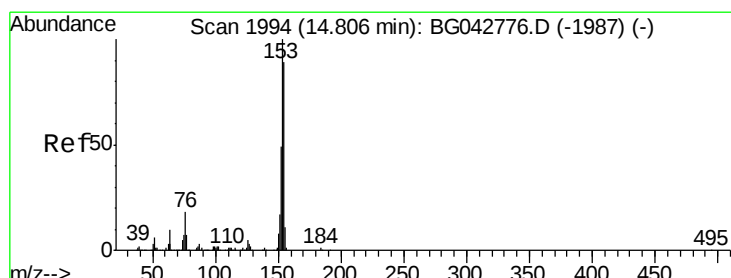
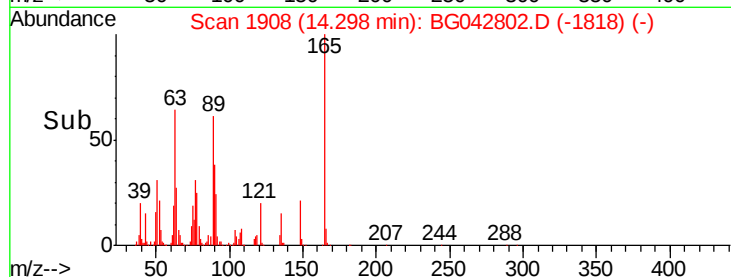
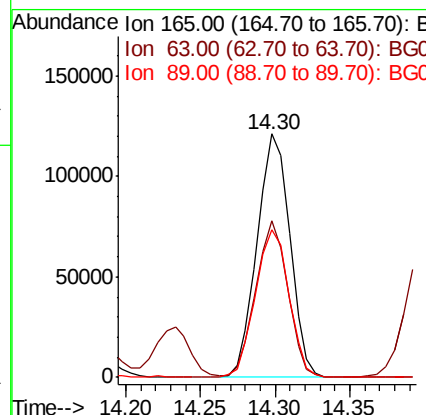
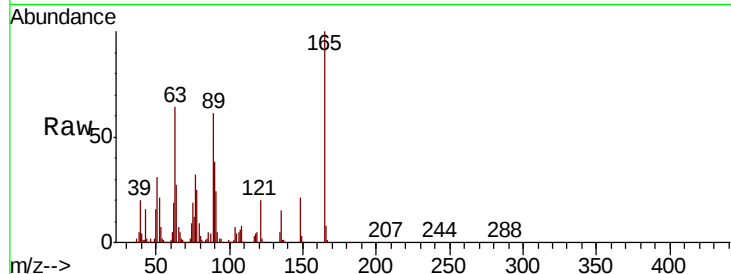




#51
2,6-Dinitrotoluene
Concen: 52.413 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

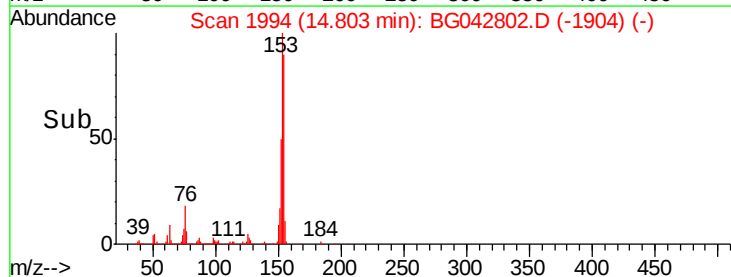
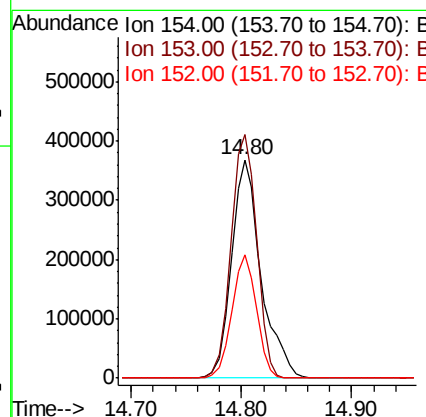
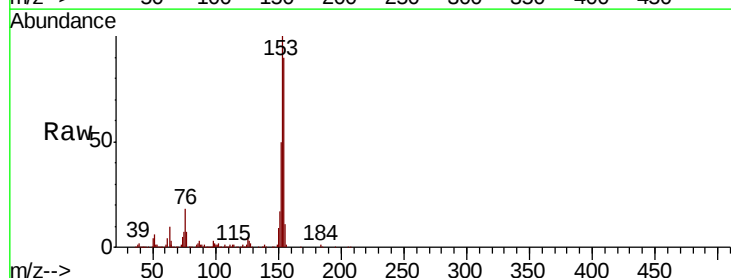
Instrument :
BNA_G
ClientSampleId :

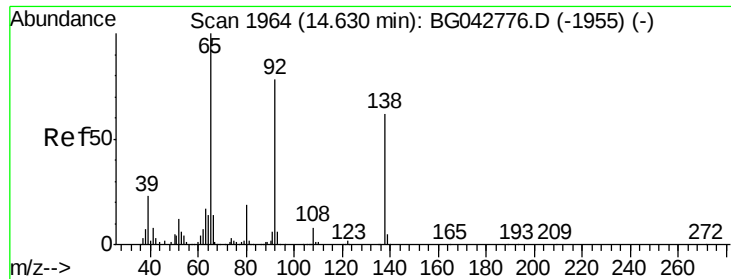
Tot Ion:165 Resp: 184397
Ion Ratio Lower Upper
165 100
63 64.3 52.1 78.1
89 60.6 51.7 77.5



#52
Acenaphthene
Concen: 52.078 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion:154 Resp: 689127
Ion Ratio Lower Upper
154 100
153 111.5 89.4 134.2
152 56.3 43.5 65.3

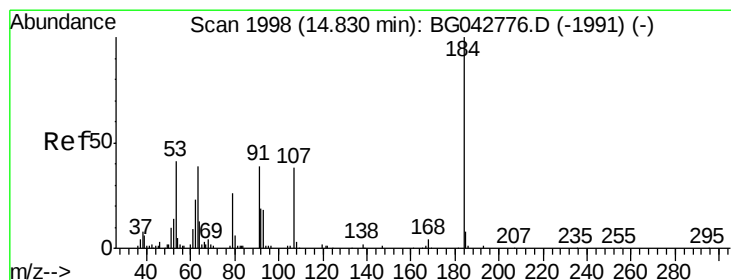
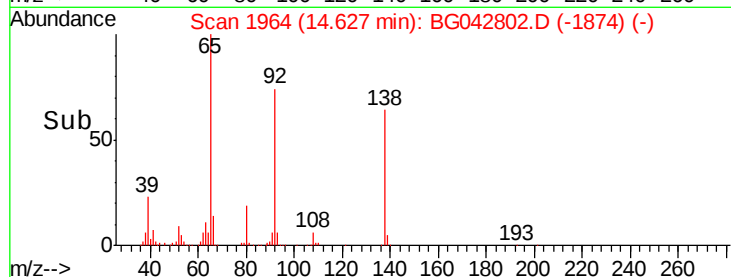
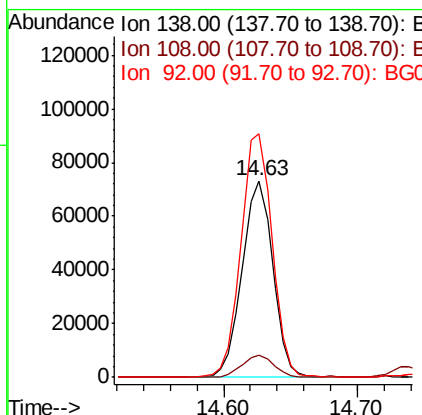
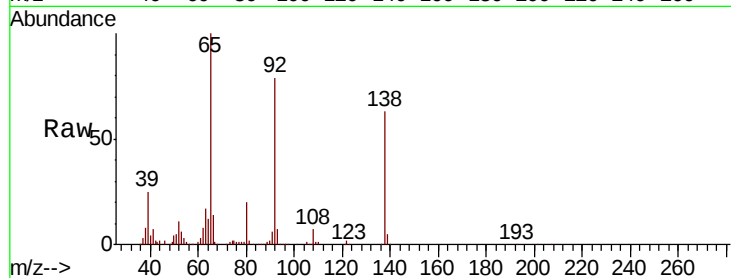




#53
3-Nitroaniline
Concen: 29.465 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

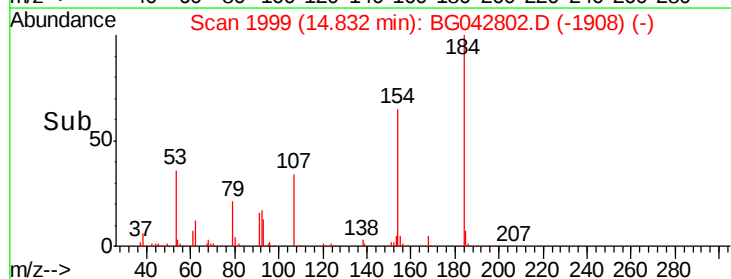
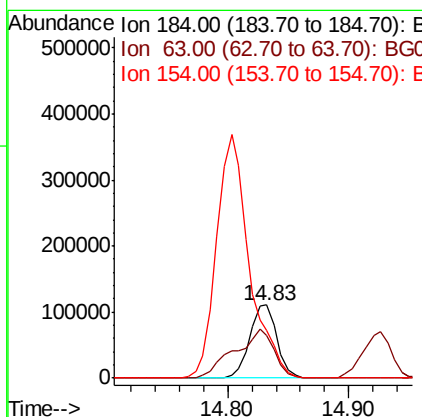
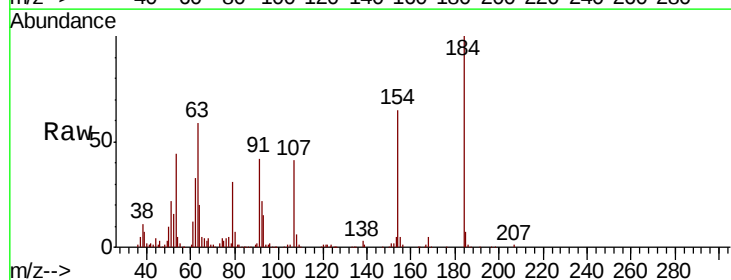
Instrument :
BNA_G
ClientSampleId :

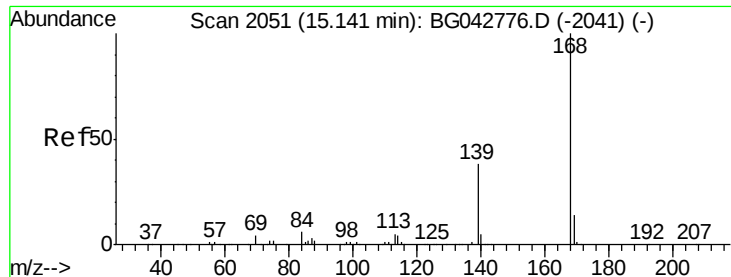
Tot Ion:138 Resp: 116341
Ion Ratio Lower Upper
138 100
108 11.5 10.7 16.1
92 124.0 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 100.545 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion:184 Resp: 174137
Ion Ratio Lower Upper
184 100
63 59.3 46.2 69.4
154 65.2 81.3 121.9#

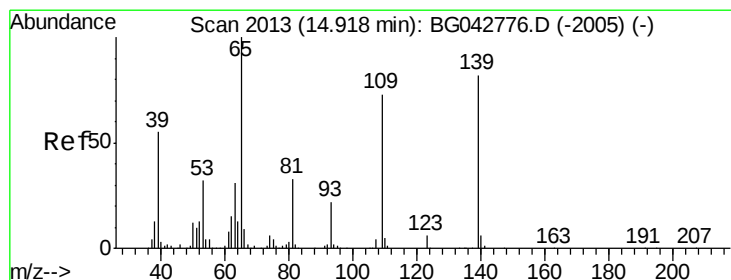
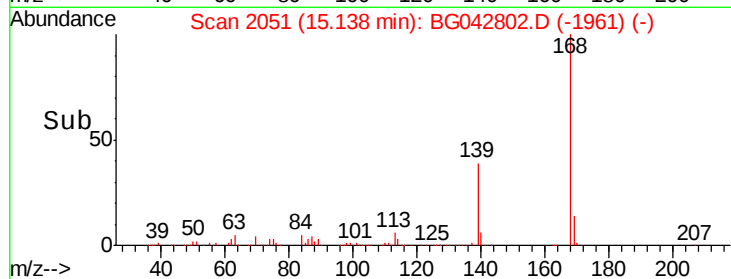
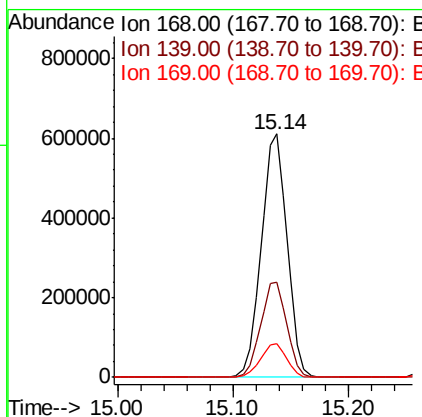
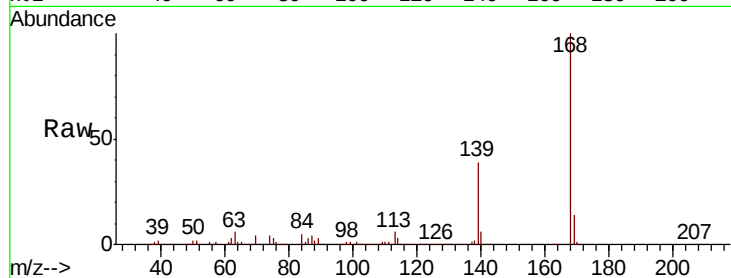




#55
 Dibenzofuran
 Concen: 48.463 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

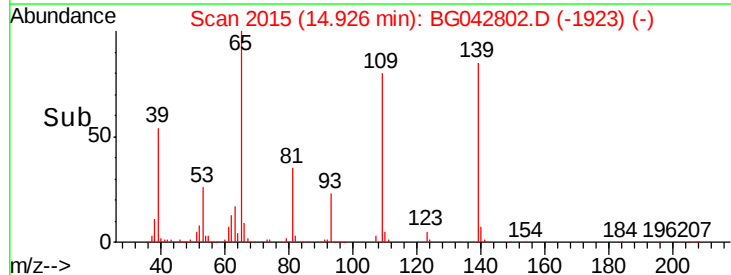
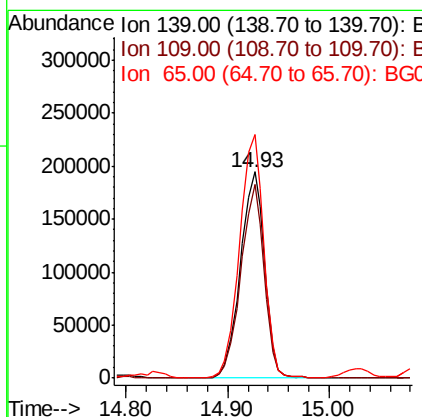
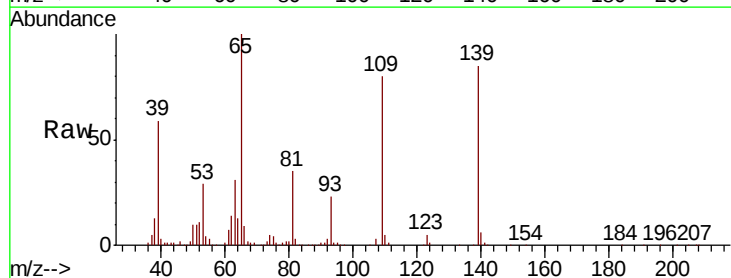
Instrument :
 BNA_G
 ClientSampleId :

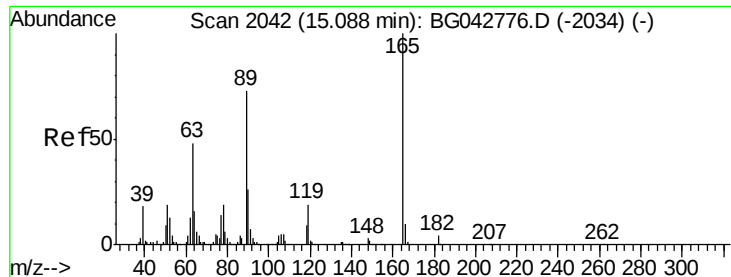
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	14.1	11.2	16.8



#56
 4-Nitrophenol
 Concen: 105.159 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.2	69.4	109.4
65	118.2	102.5	142.5

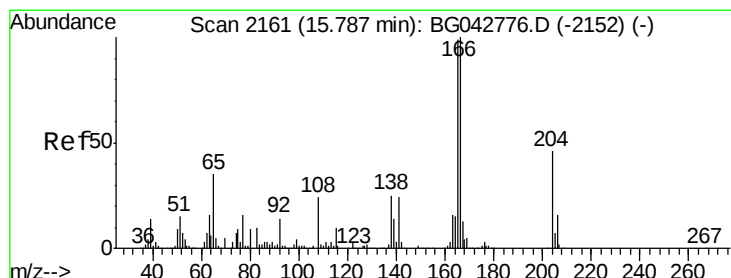
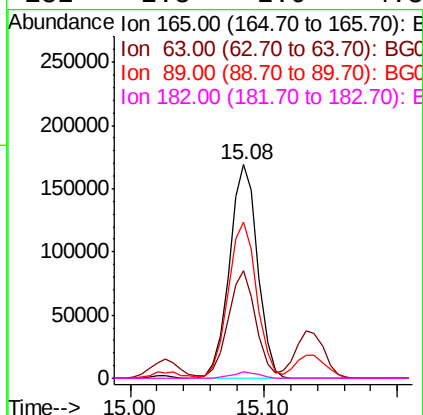
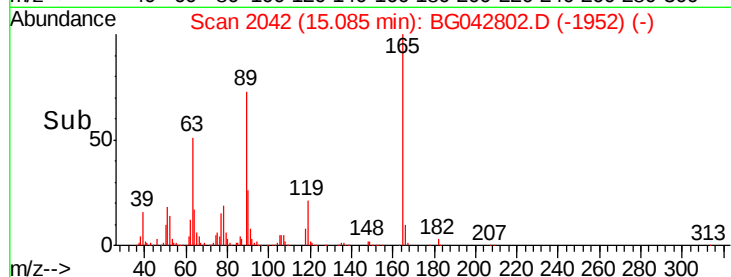
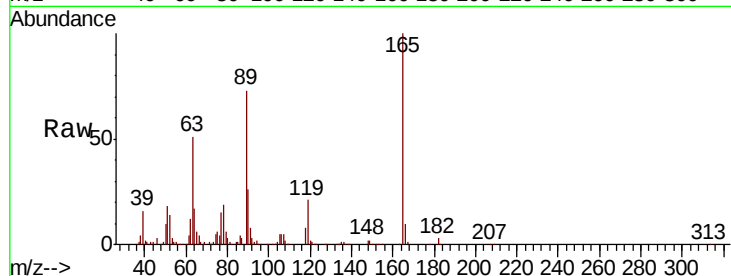




#57
 2,4-Dinitrotoluene
 Concen: 52.925 ng
 RT: 15.08 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

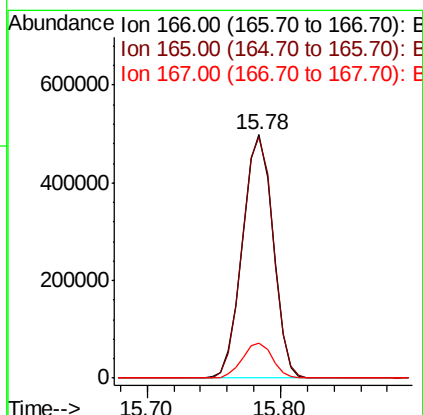
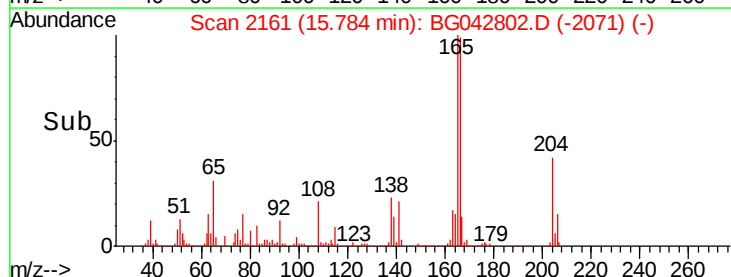
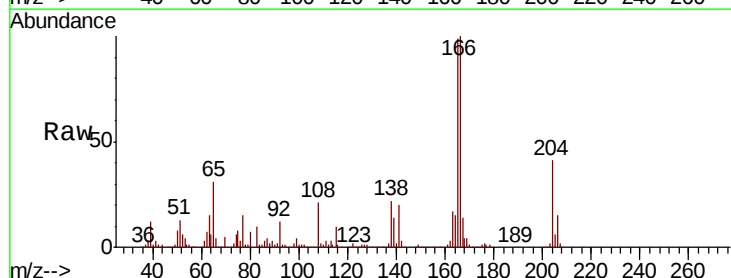
Instrument :
 BNA_G
 ClientSampleId :

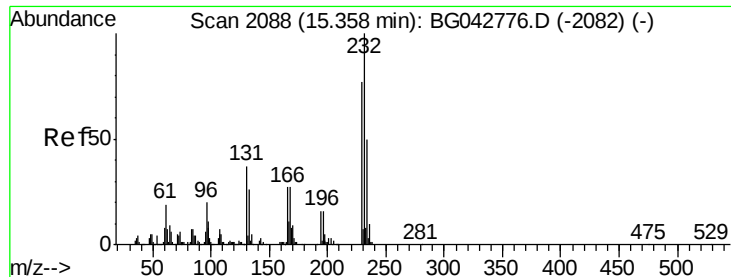
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	38.3	57.5
89	73.3	58.4	87.6
182	2.8	2.9	4.3



#58
 Fluorene
 Concen: 48.251 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.1	118.7
167	14.4	10.7	16.1

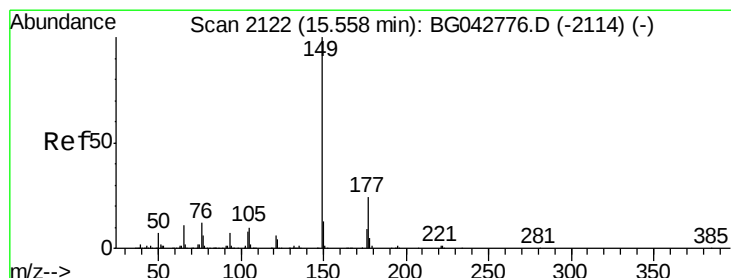
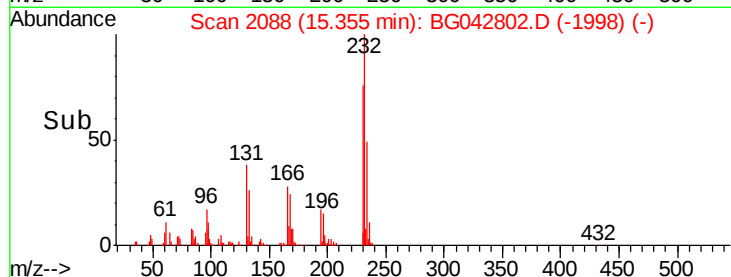
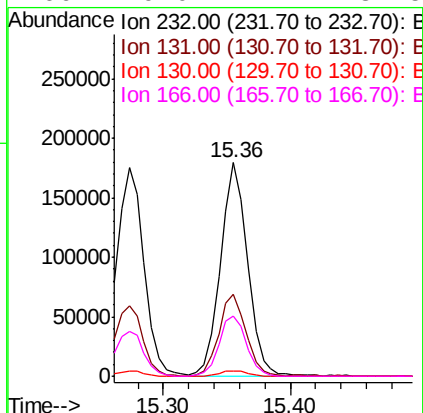
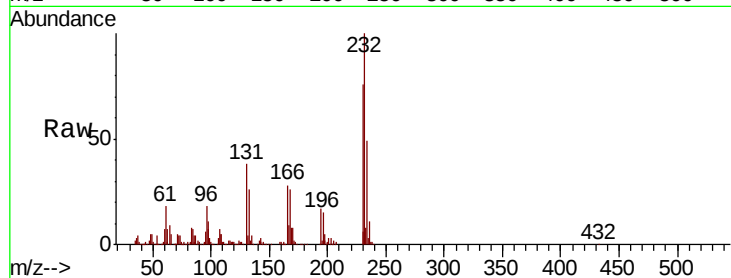




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.860 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

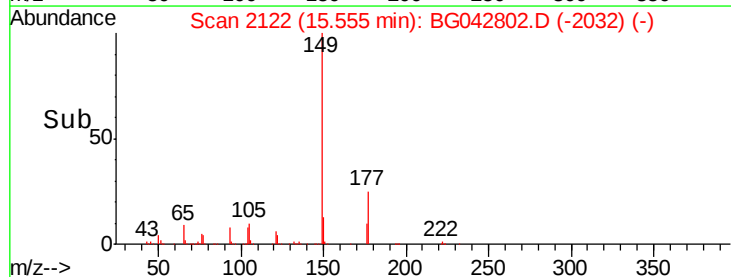
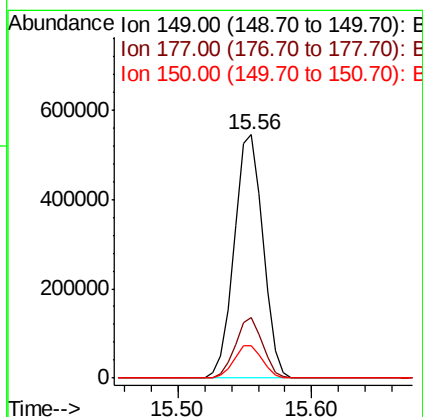
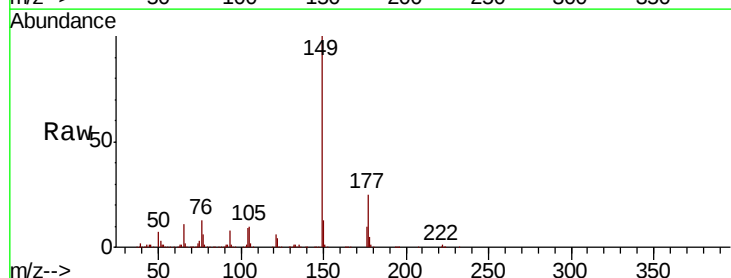
Instrument :
 BNA_G
 ClientSampleId :

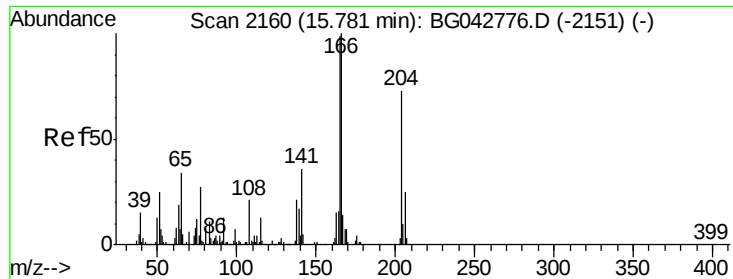
Tot Ion:	232	Resp:	264280
Ion	Ratio	Lower	Upper
232	100		
131	38.4	31.1	46.7
130	2.8	1.8	2.6#
166	29.0	21.7	32.5



#60
 Diethylphthalate
 Concen: 46.834 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion:	149	Resp:	815111
Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.4	29.0
150	13.4	10.2	15.4

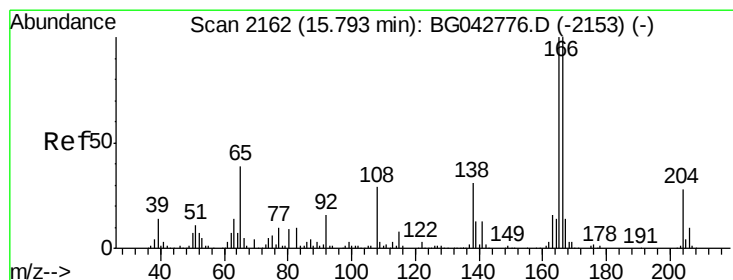
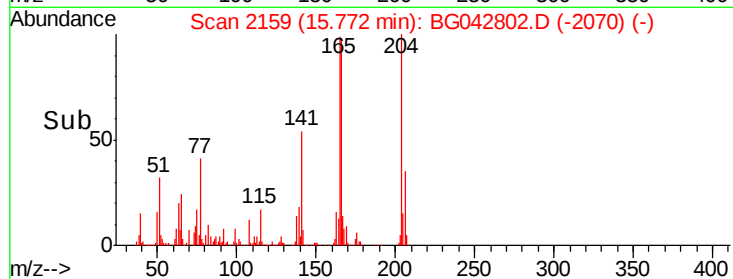
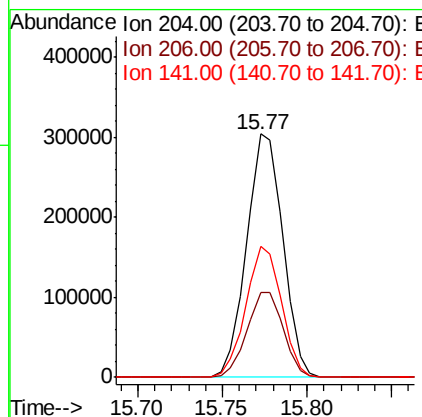
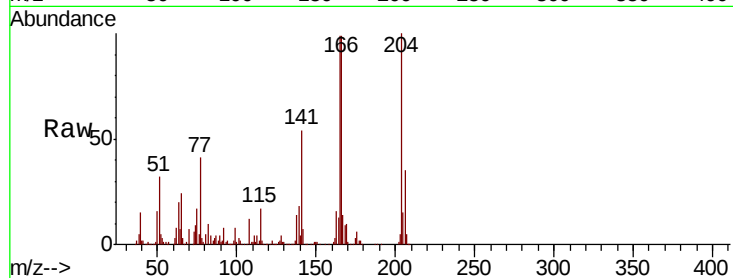




#61
 4-Chlorophenyl-phenylether
 Concen: 47.191 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

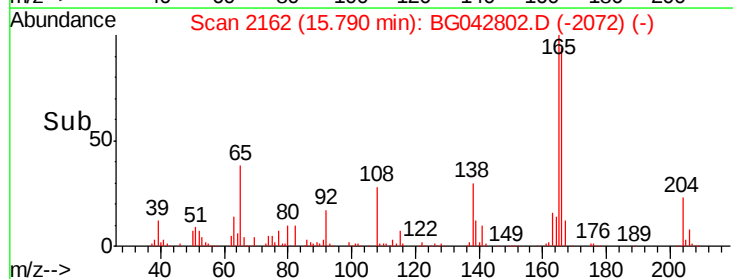
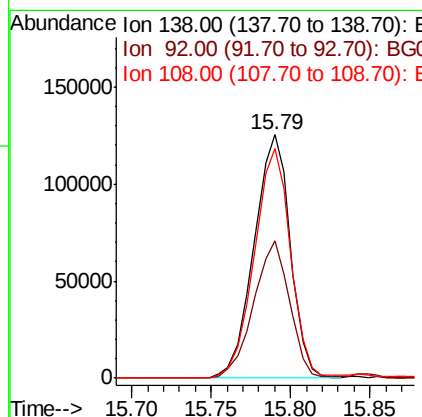
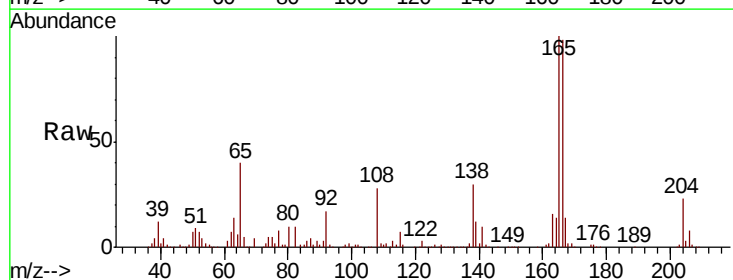
Instrument :
 BNA_G
 ClientSampled :

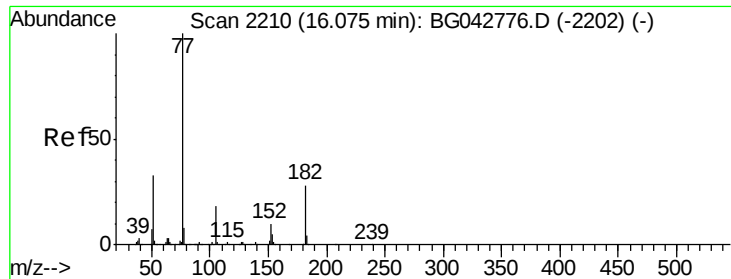
Tot Ion:204 Resp: 454831
 Ion Ratio Lower Upper
 204 100
 206 35.0 27.6 41.4
 141 53.9 39.8 59.6



#62
 4-Nitroaniline
 Concen: 46.949 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion:138 Resp: 199818
 Ion Ratio Lower Upper
 138 100
 92 56.5 31.4 71.4
 108 94.3 74.8 114.8





#63

Azobenzene

Concen: 48.427 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 811620

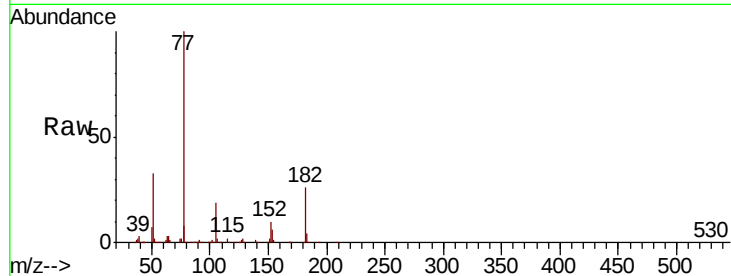
Ion Ratio Lower Upper

77 100

182 26.4 8.1 48.1

105 18.7 0.0 38.1

51 33.2 12.9 52.9

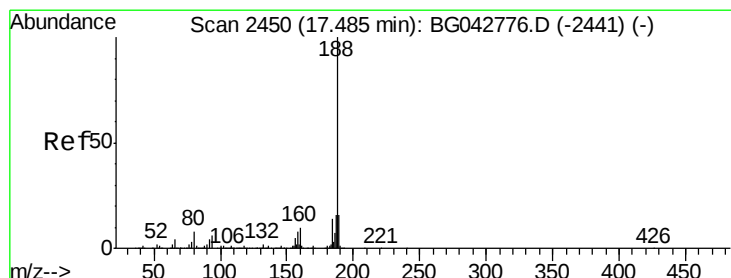
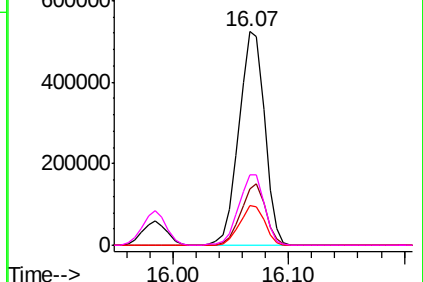
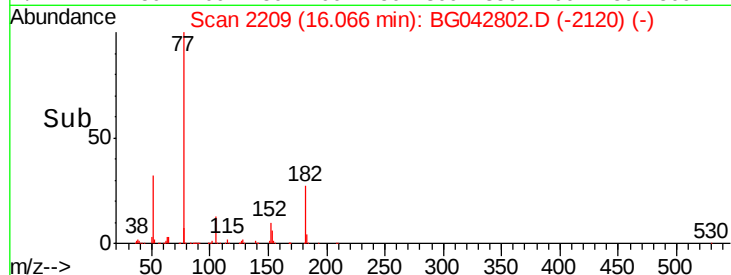


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

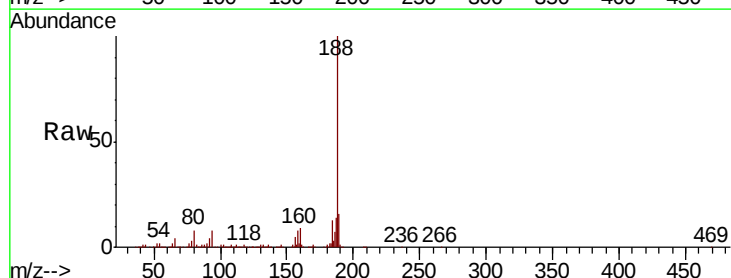
Tgt Ion: 188 Resp: 515982

Ion Ratio Lower Upper

188 100

94 7.7 4.8 7.2#

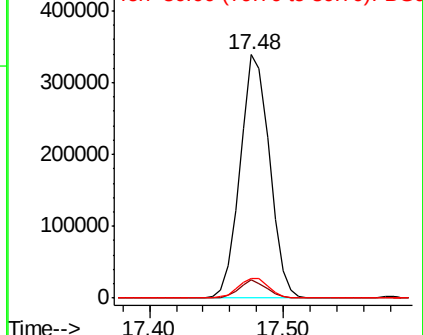
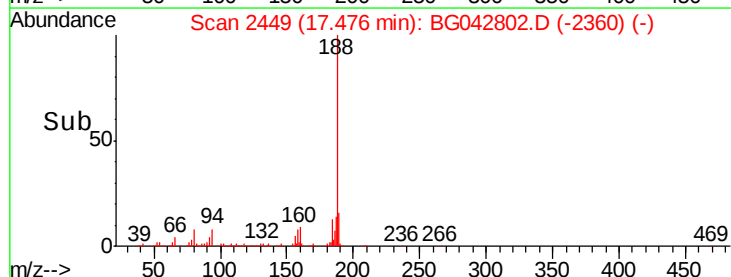
80 8.2 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 55.826 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

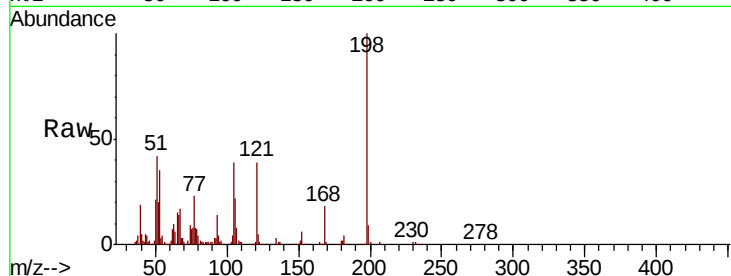
Tot Ion:198 Resp: 123252

Ion Ratio Lower Upper

198 100

51 42.3 20.9 60.9

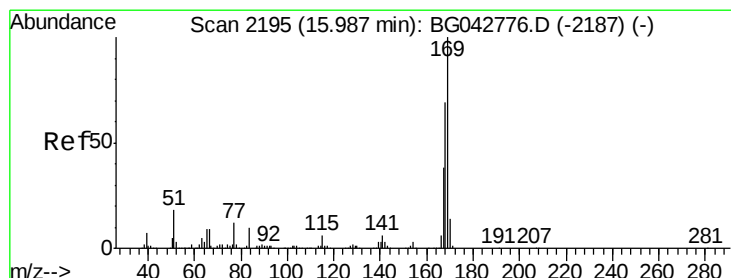
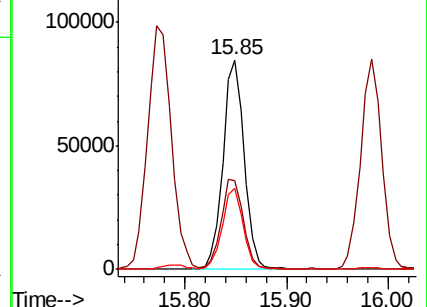
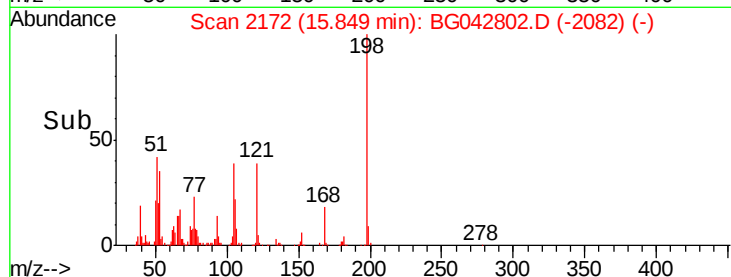
105 38.6 16.4 56.4



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: 52.523 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

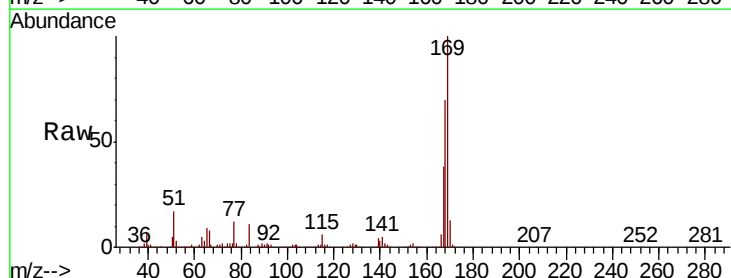
Tgt Ion:169 Resp: 729264

Ion Ratio Lower Upper

169 100

168 70.3 55.4 83.2

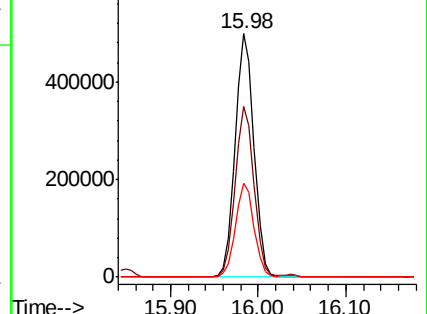
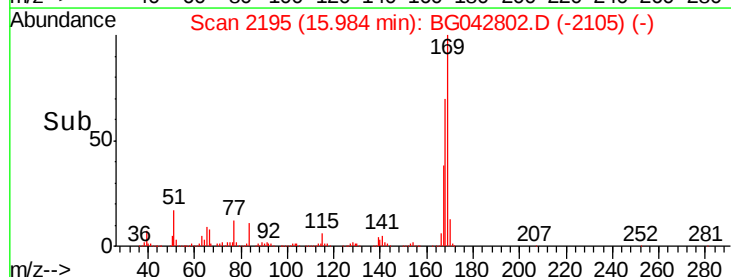
167 38.4 30.4 45.6

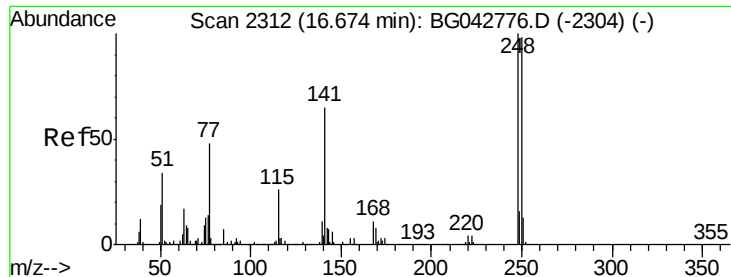


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

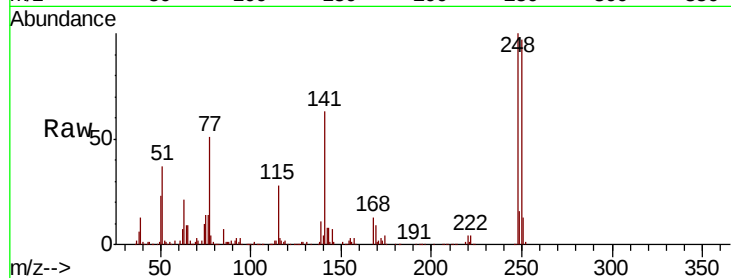




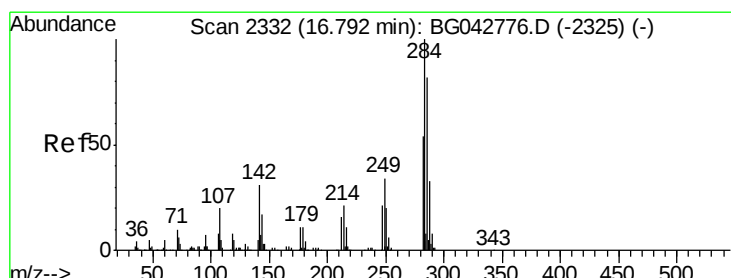
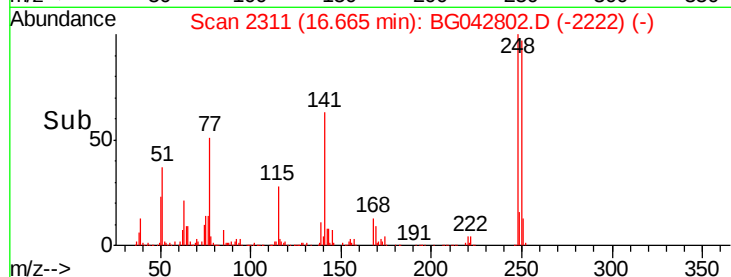
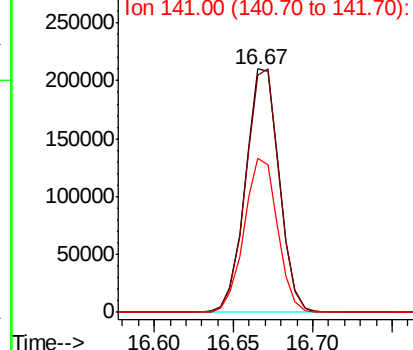
#67
4-Bromophenyl-phenylether
Concen: 49.571 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 309583
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 63.3 51.8 77.6

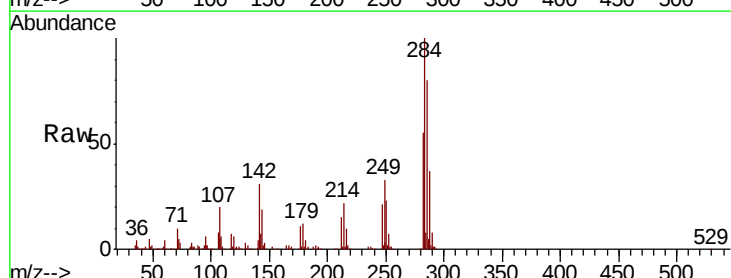


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

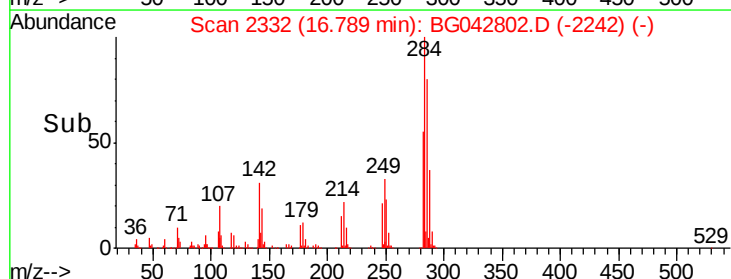
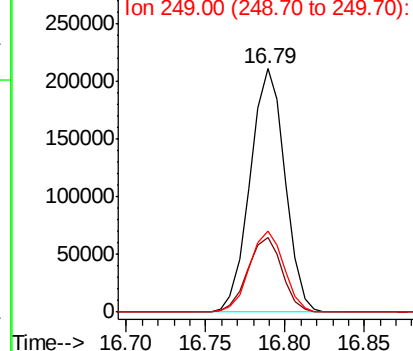


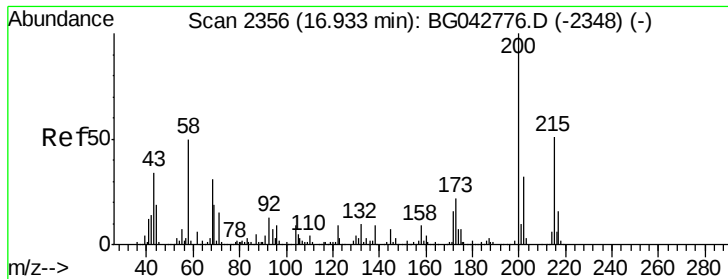
#68
Hexachlorobenzene
Concen: 48.095 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion:284 Resp: 320953
Ion Ratio Lower Upper
284 100
142 30.8 24.7 37.1
249 33.3 27.0 40.4



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: 58.117 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampled :

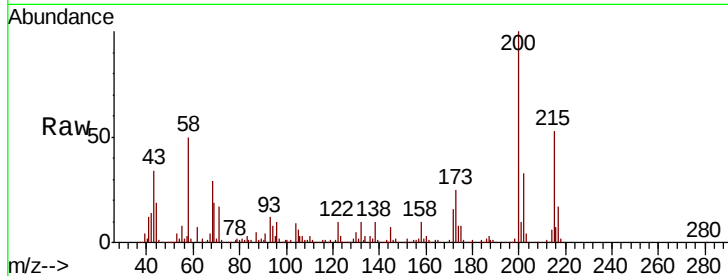
Tot Ion:200 Resp: 281002

Ion Ratio Lower Upper

200 100

173 24.8 2.5 42.5

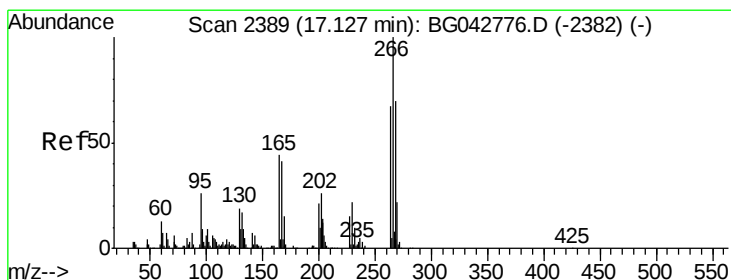
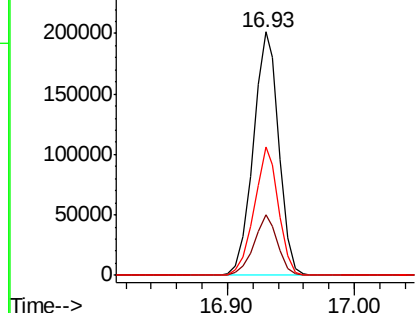
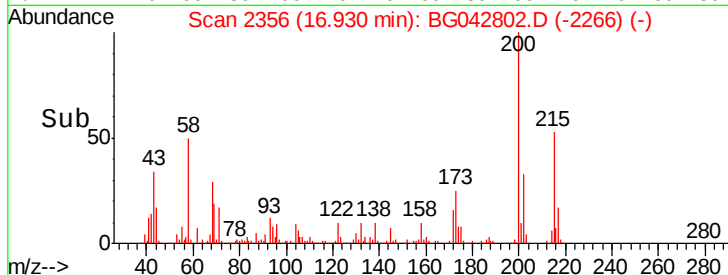
215 52.7 31.0 71.0



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: 112.219 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

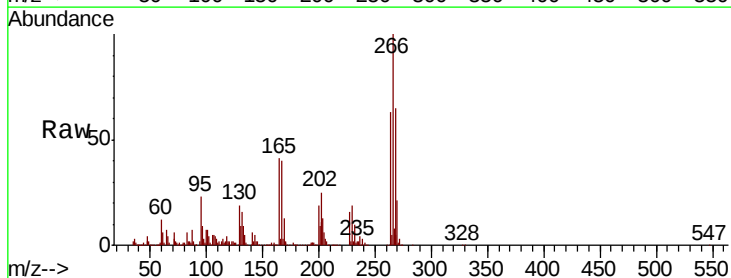
Tgt Ion:266 Resp: 444250

Ion Ratio Lower Upper

266 100

268 64.9 56.2 84.4

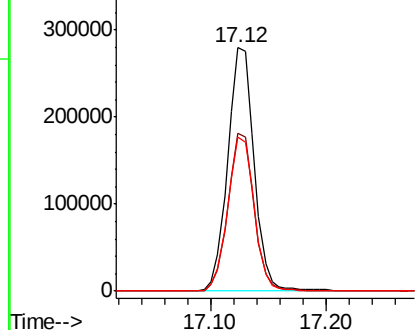
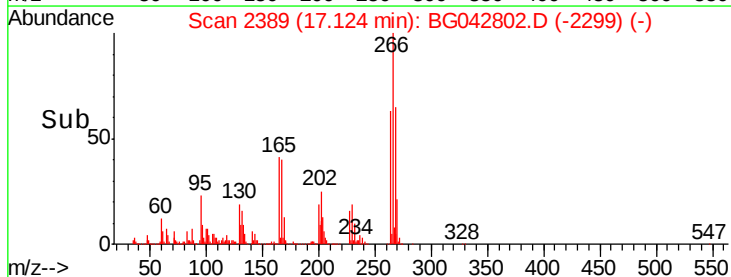
264 63.1 53.4 80.2

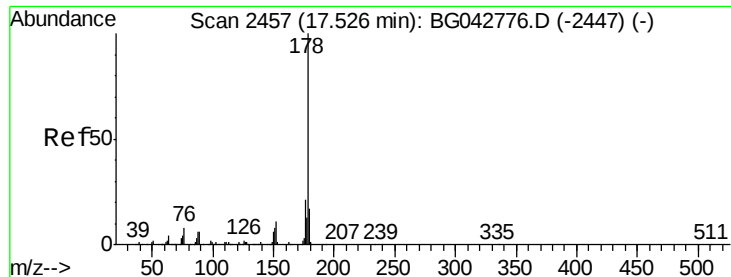


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.989 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampled :

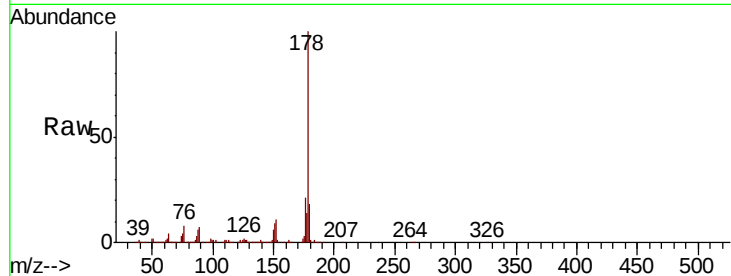
Tot Ion:178 Resp: 1258211

Ion Ratio Lower Upper

178 100

176 21.3 17.0 25.4

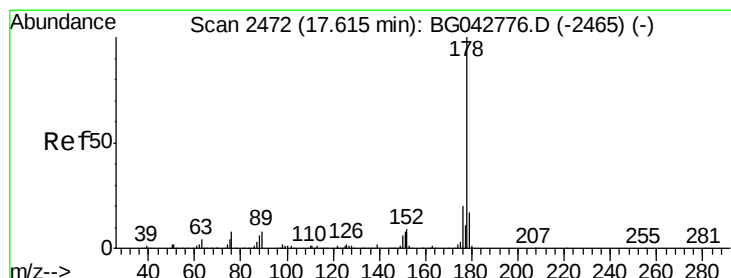
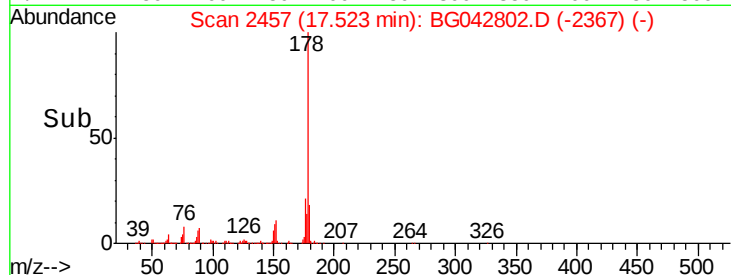
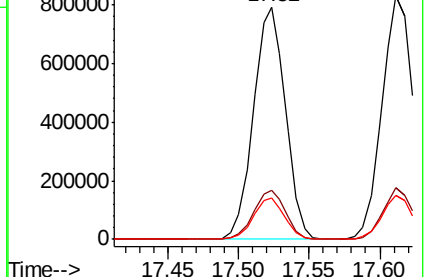
179 17.6 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.803 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

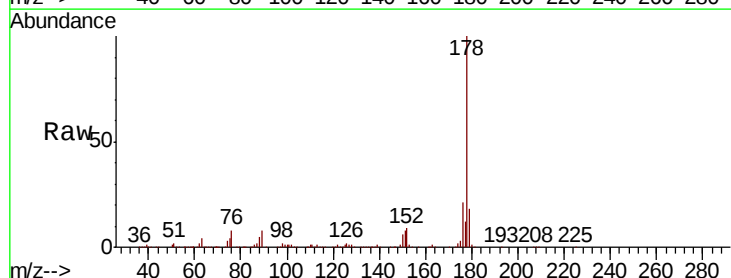
Tgt Ion:178 Resp: 1277104

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.4

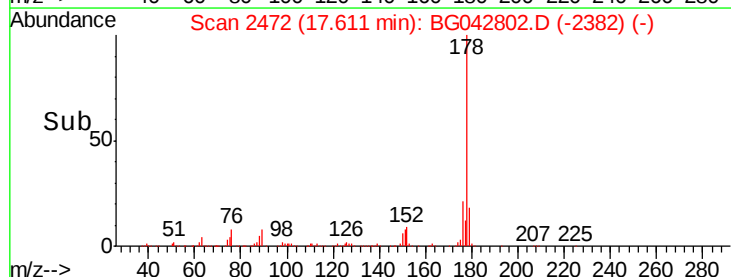
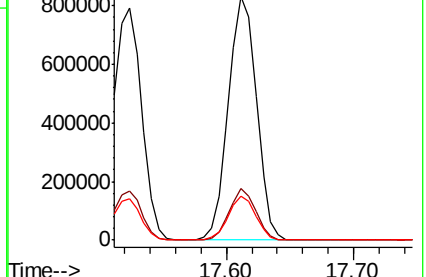
179 18.3 13.6 20.4

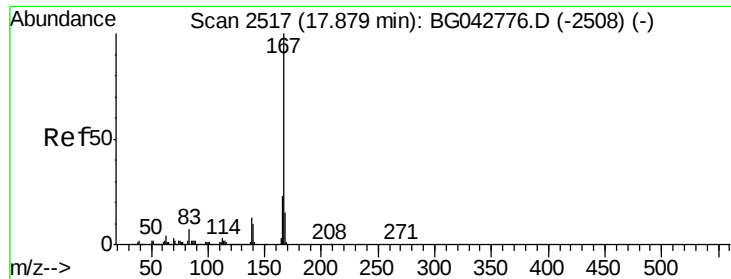


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 52.124 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

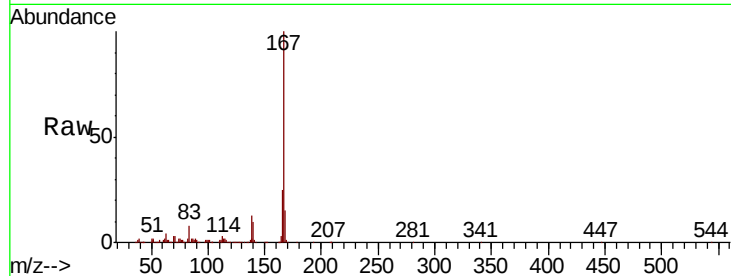
Tot Ion:167 Resp: 1221347

Ion Ratio Lower Upper

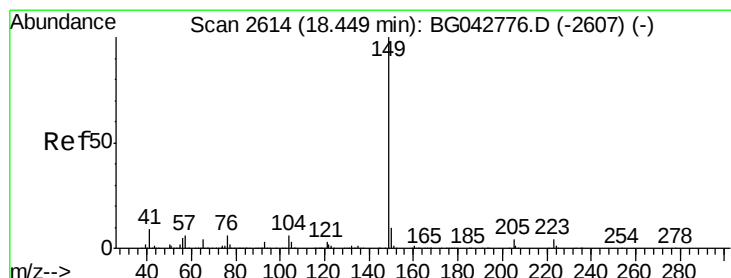
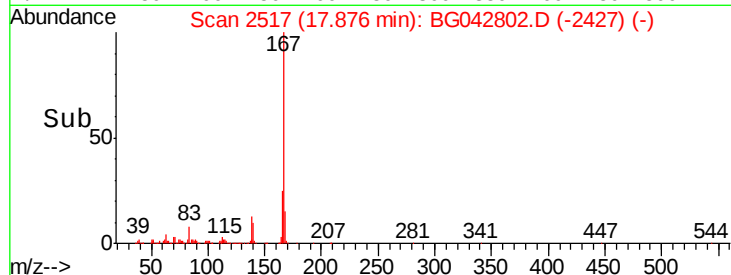
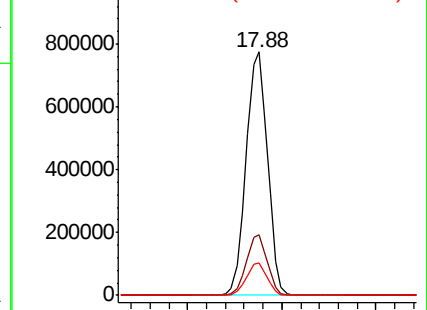
167 100

166 24.9 18.3 27.5

139 13.3 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.333 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

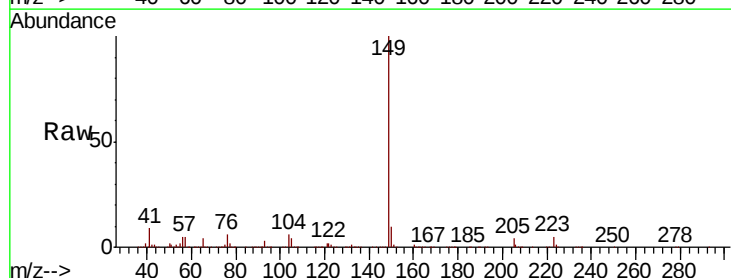
Tgt Ion:149 Resp: 1384716

Ion Ratio Lower Upper

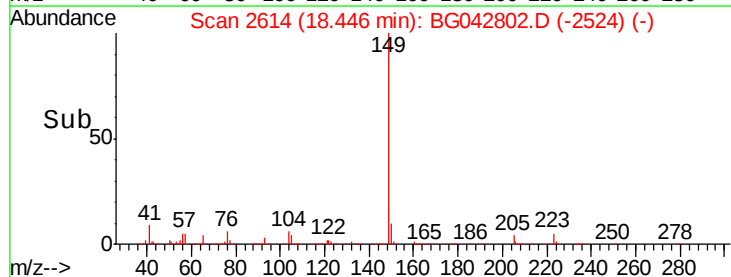
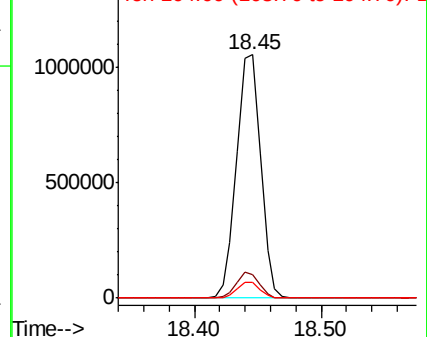
149 100

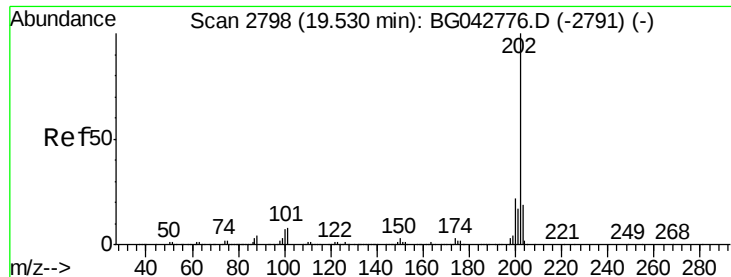
150 9.8 8.0 12.0

104 6.3 5.1 7.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.093 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

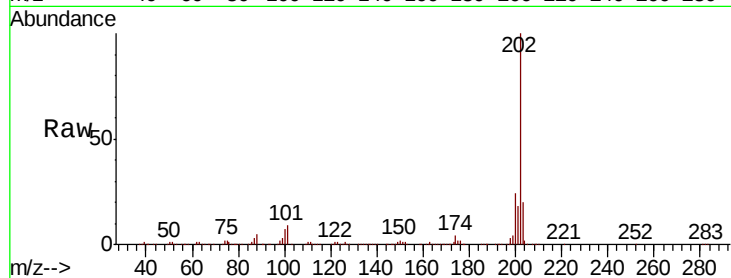
Tot Ion:202 Resp: 1665985

Ion Ratio Lower Upper

202 100

101 8.8 0.0 27.8

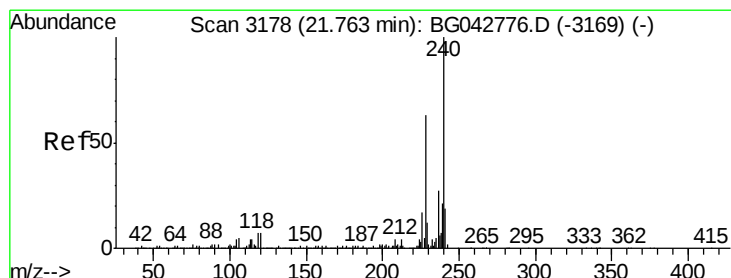
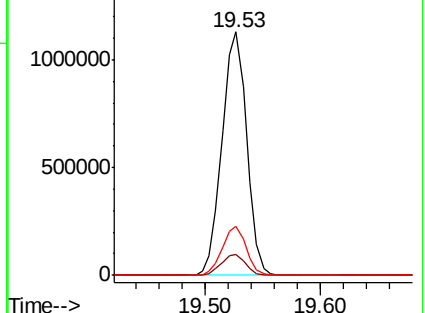
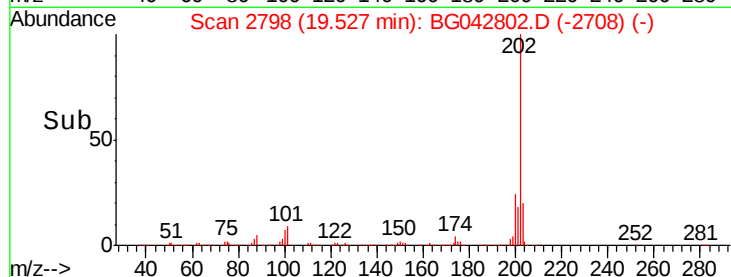
203 19.9 0.0 39.1



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

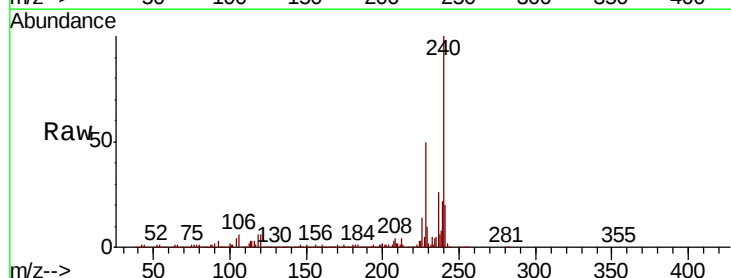
Tgt Ion:240 Resp: 529577

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.2

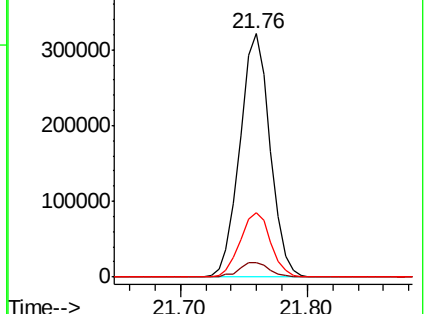
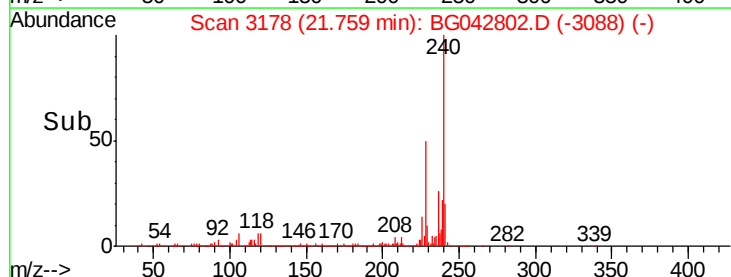
236 26.4 21.7 32.5

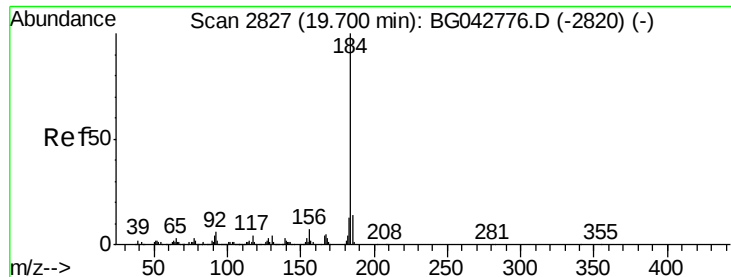


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.568 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

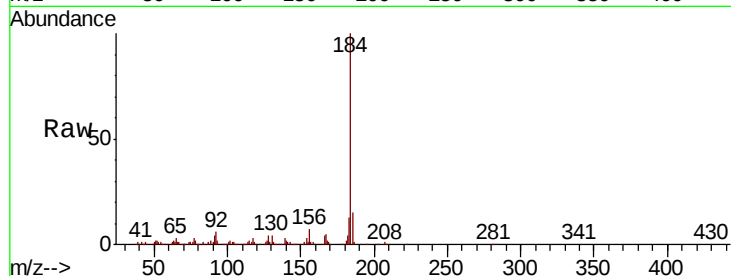
Tot Ion:184 Resp: 481872

Ion Ratio Lower Upper

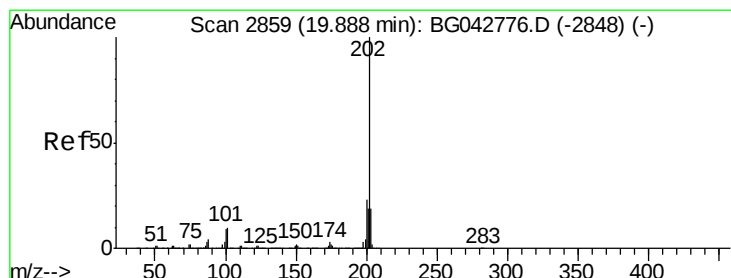
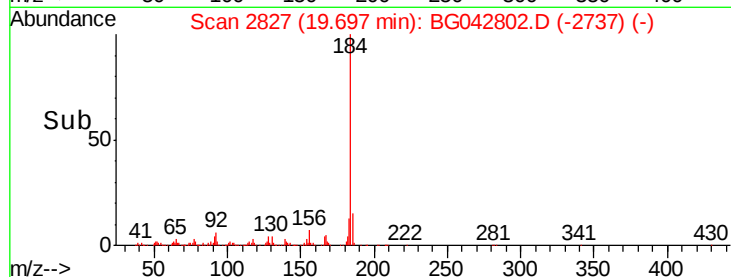
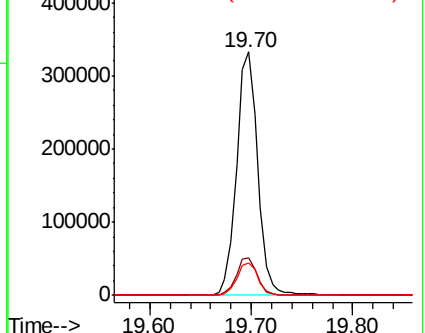
184 100

185 15.3 11.6 17.4

183 13.1 10.4 15.6



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: 50.390 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

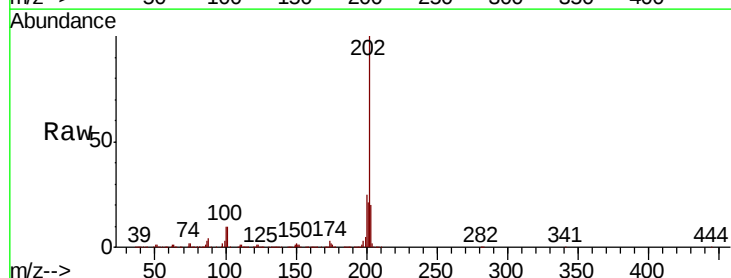
Tgt Ion:202 Resp: 1670695

Ion Ratio Lower Upper

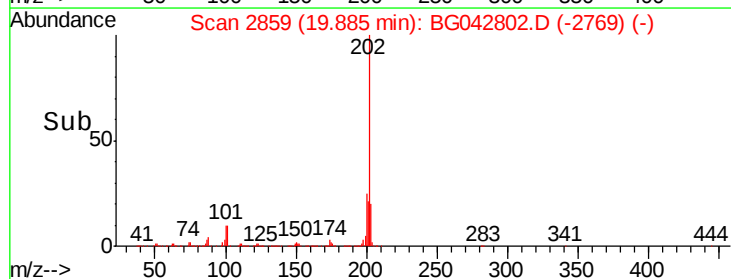
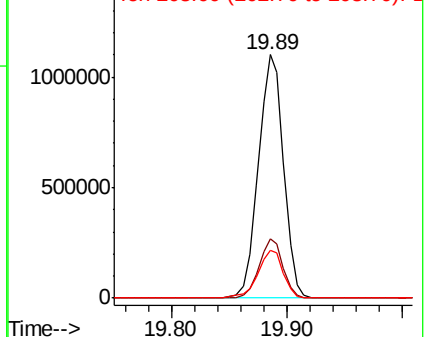
202 100

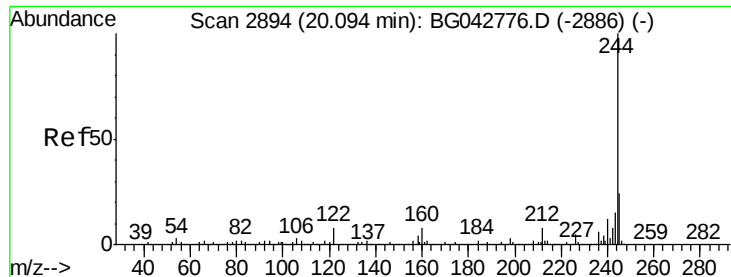
200 24.5 18.5 27.7

203 19.9 15.3 22.9



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: 101.343 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

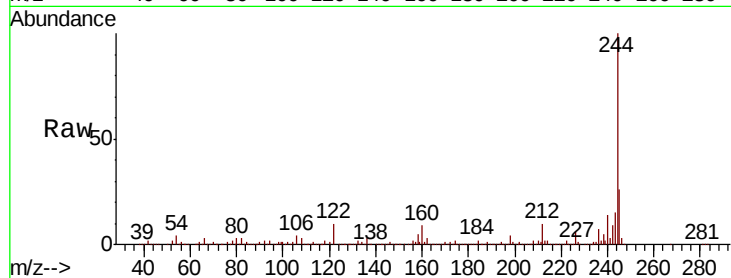
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2421570

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.6	10.0
122	10.1	6.2	9.4

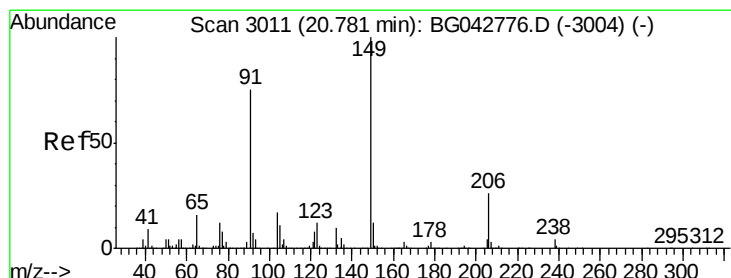
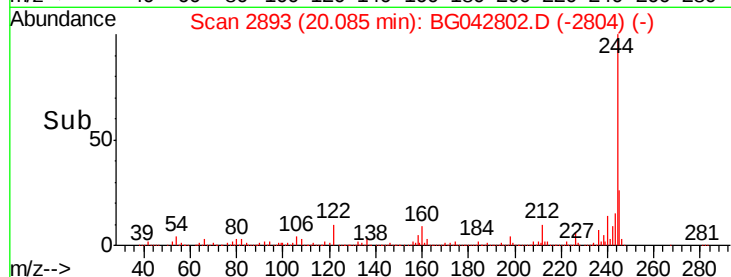
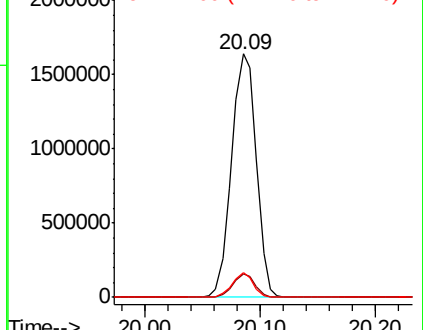


Abundance

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: 50.063 ng

RT: 20.78 min Scan# 3011

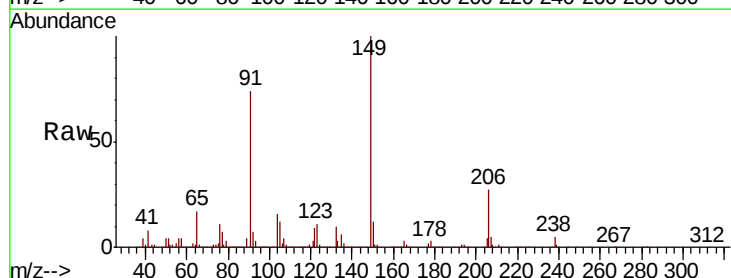
Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:149 Resp: 671748

Ion	Ratio	Lower	Upper
149	100		
91	73.8	60.2	90.2
206	27.1	20.6	30.8

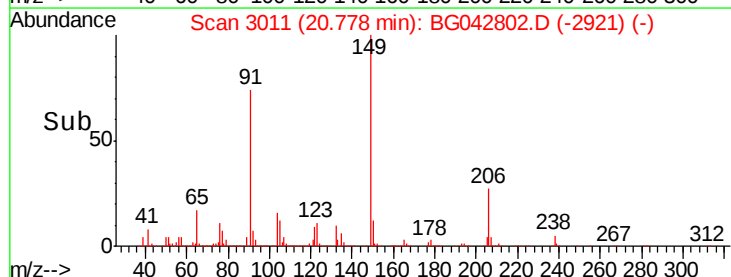
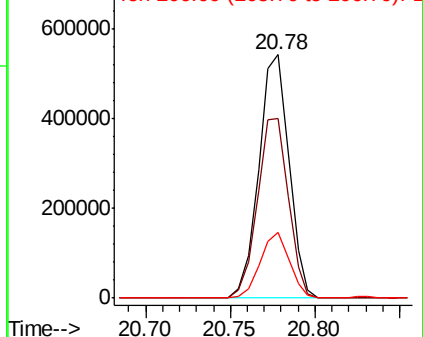


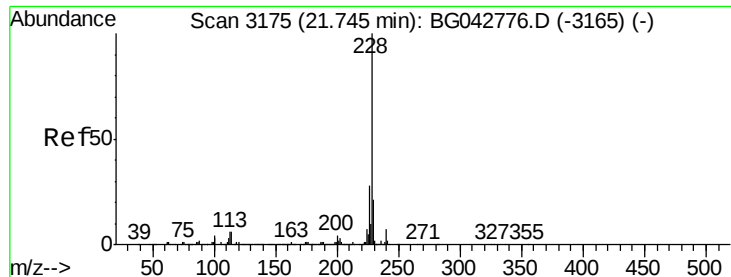
Abundance

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: 49.469 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

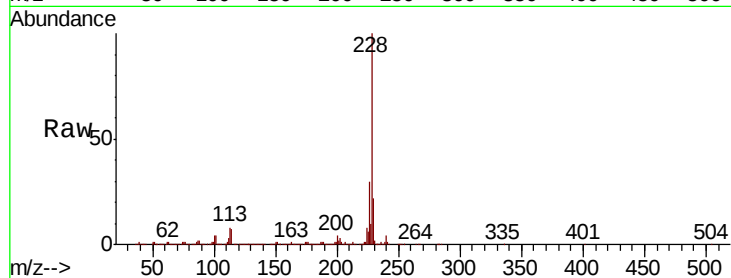
Tot Ion:228 Resp: 1665678

Ion Ratio Lower Upper

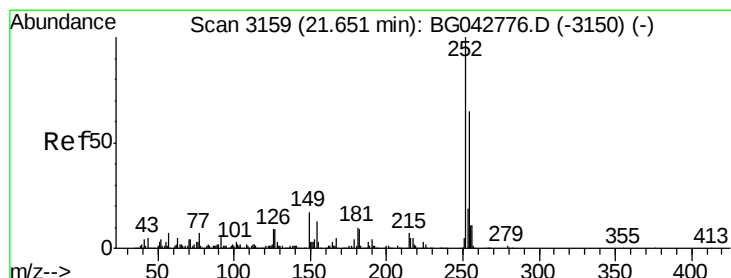
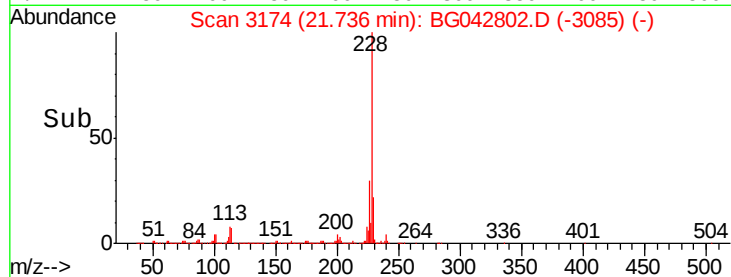
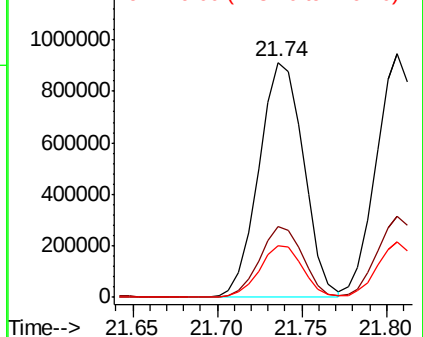
228 100

226 30.3 22.5 33.7

229 22.2 17.2 25.8



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



#82

3,3'-Dichlorobenzidine

Concen: 34.873 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

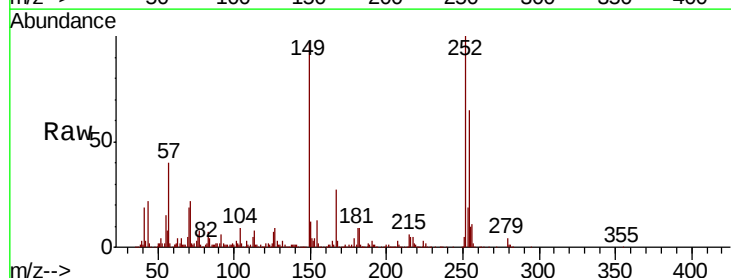
Tgt Ion:252 Resp: 456327

Ion Ratio Lower Upper

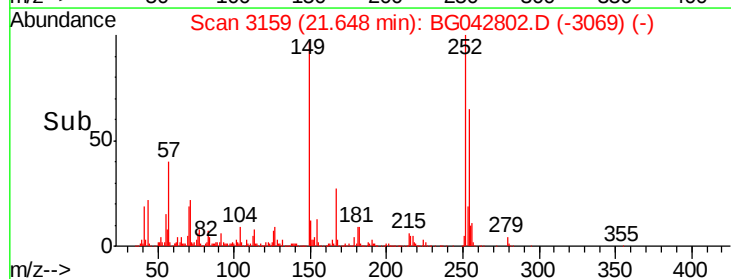
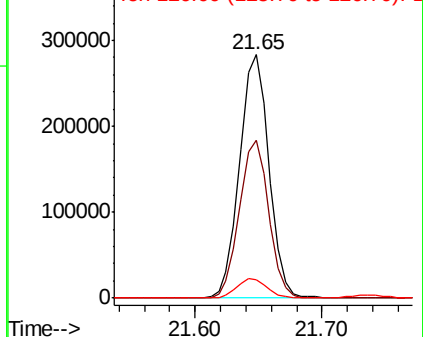
252 100

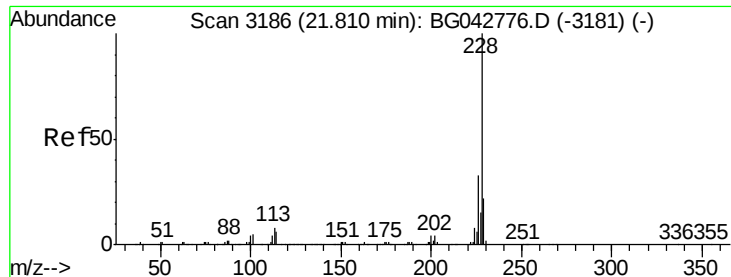
254 64.8 52.2 78.2

126 7.3 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.316 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

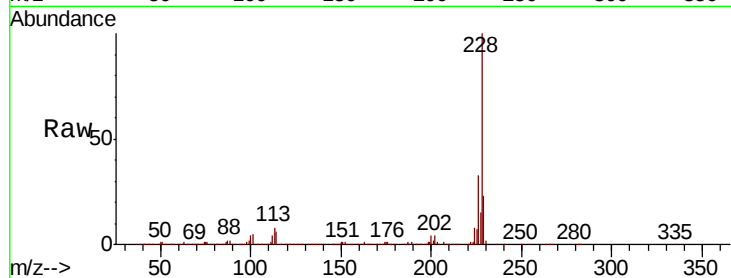
Tot Ion:228 Resp: 1604798

Ion Ratio Lower Upper

228 100

226 33.4 26.0 39.0

229 22.6 17.1 25.7

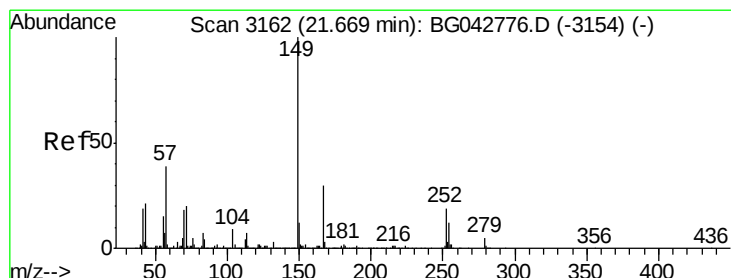
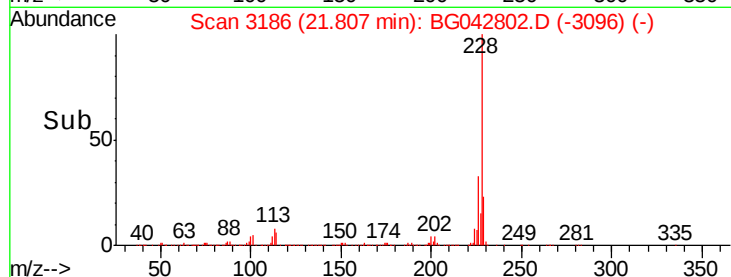
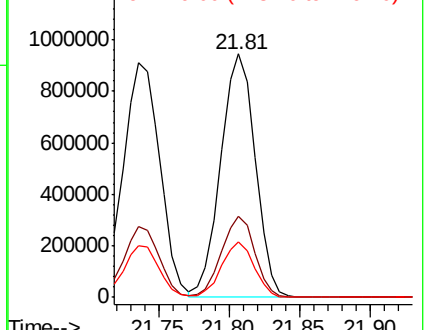


Abundance

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: 50.793 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

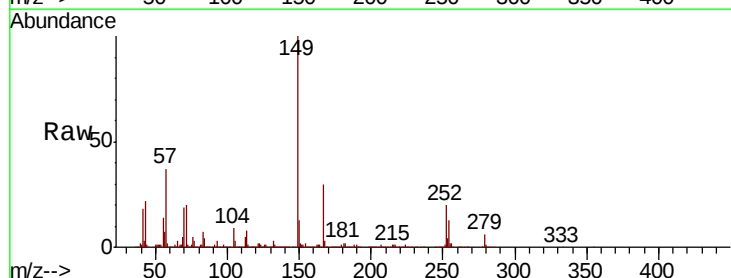
Tgt Ion:149 Resp: 931245

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

279 5.8 4.2 6.4

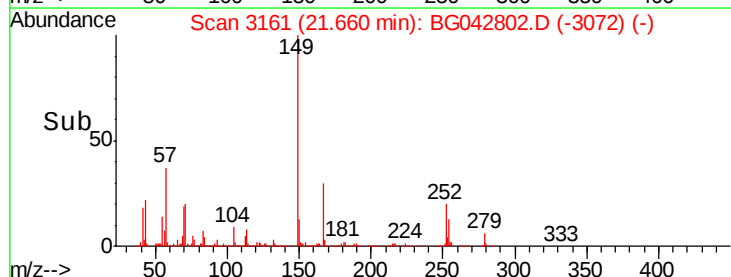
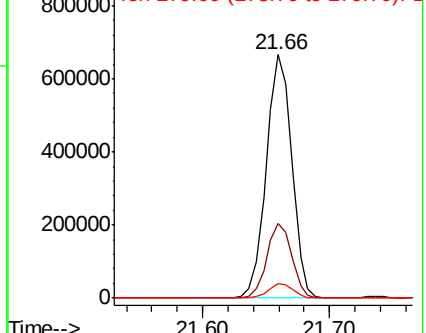


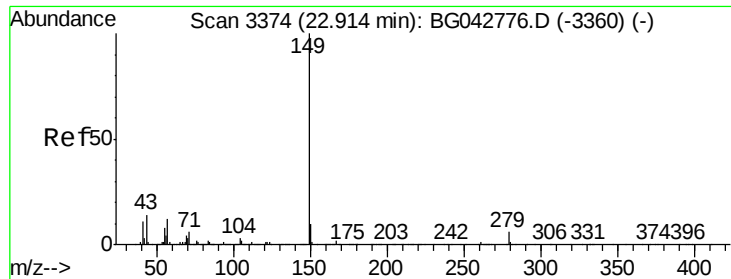
Abundance

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: 50.534 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

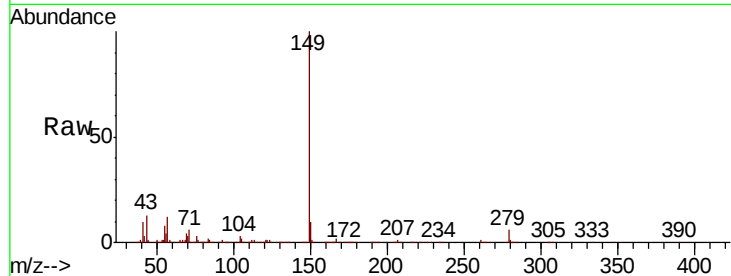
Tot Ion:149 Resp: 1579441

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

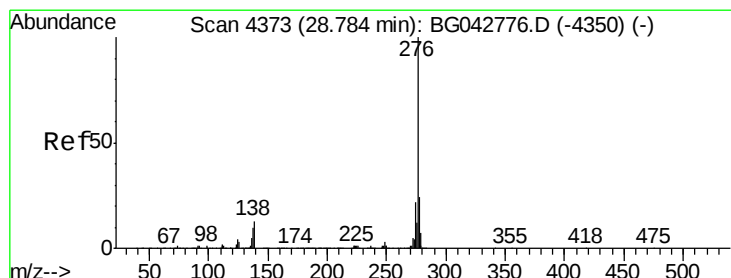
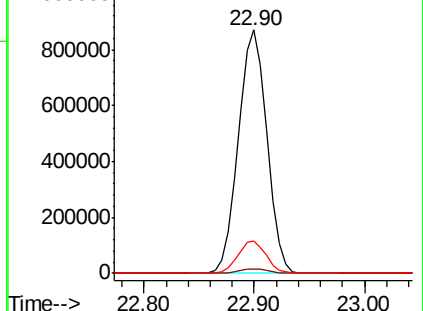
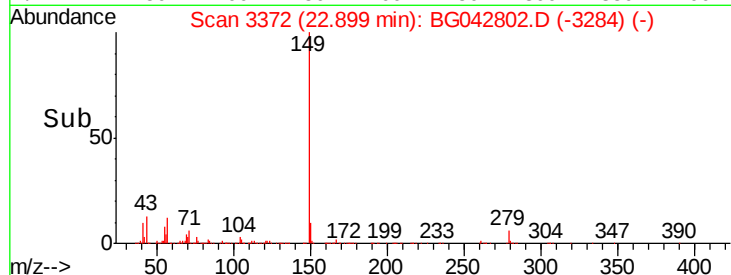
43 13.2 10.6 15.8



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: 51.665 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

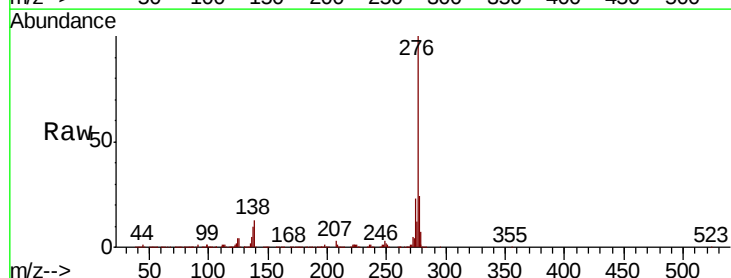
Tgt Ion:276 Resp: 2040631

Ion Ratio Lower Upper

276 100

138 11.9 9.3 13.9

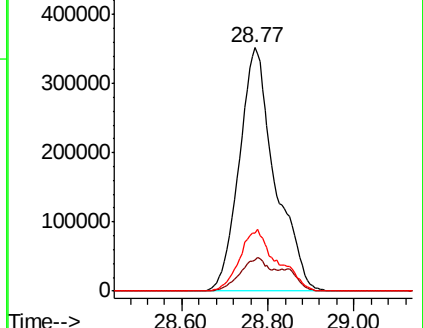
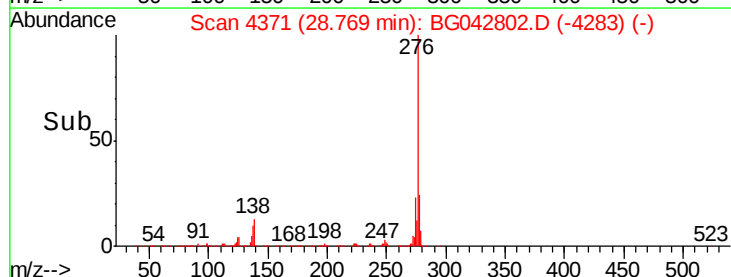
277 26.4 17.2 25.8#

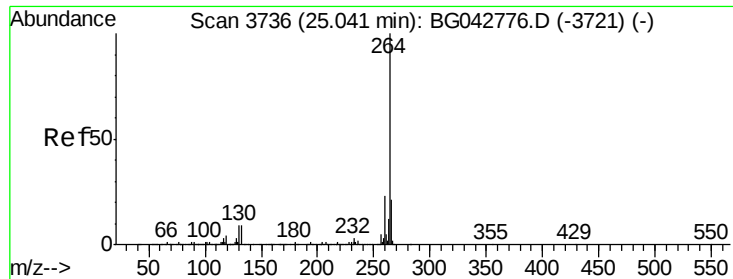


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

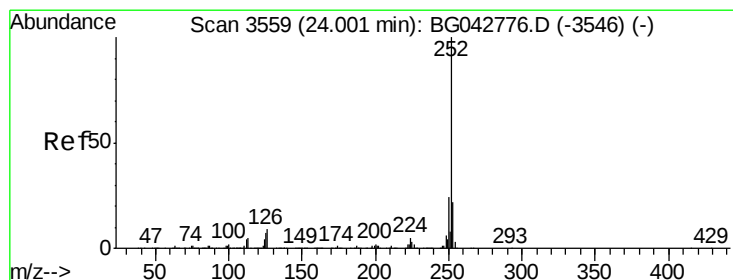
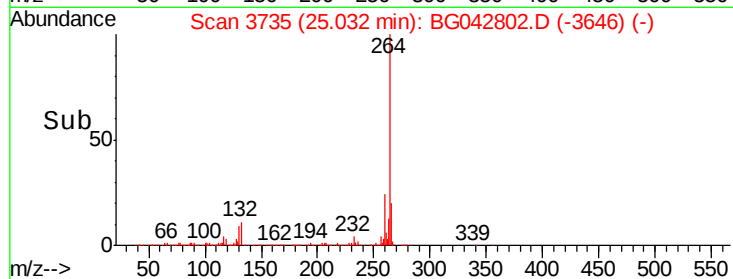
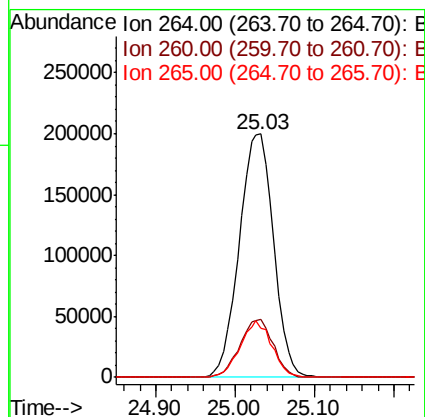
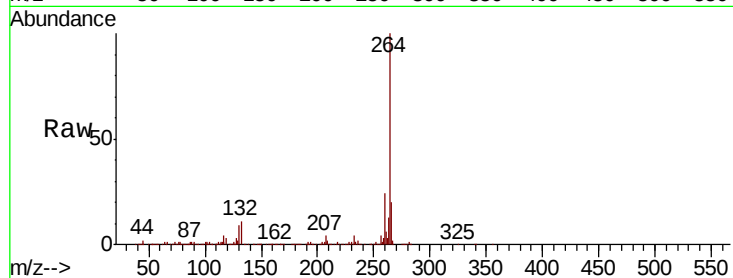




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

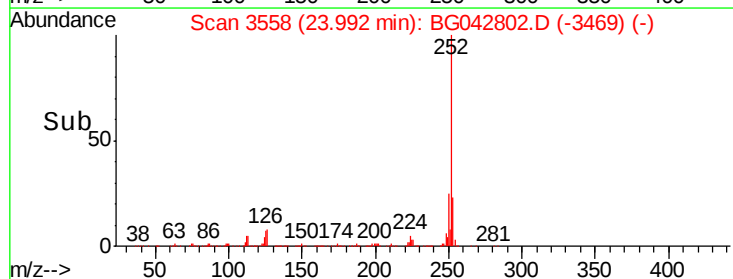
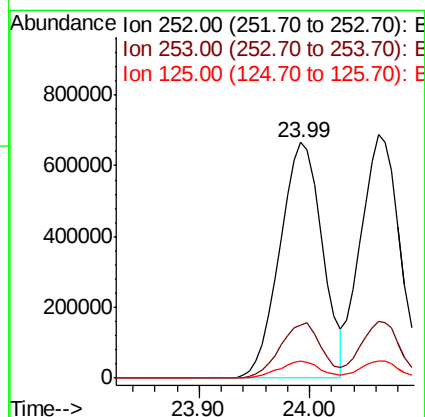
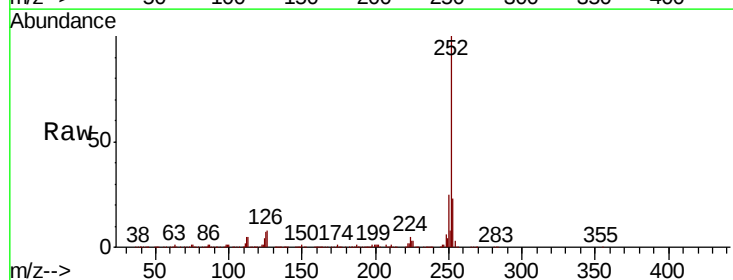
Instrument :
BNA_G
ClientSampleId :

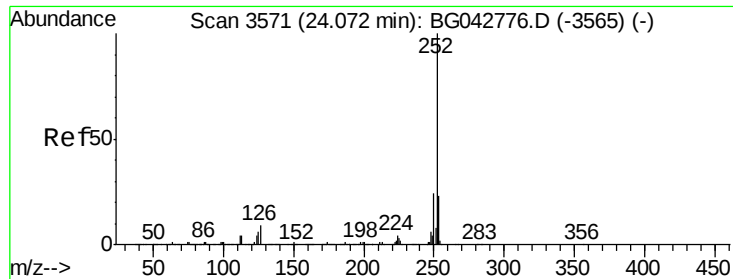
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	20.4	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 50.306 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.1	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 50.768 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampled :

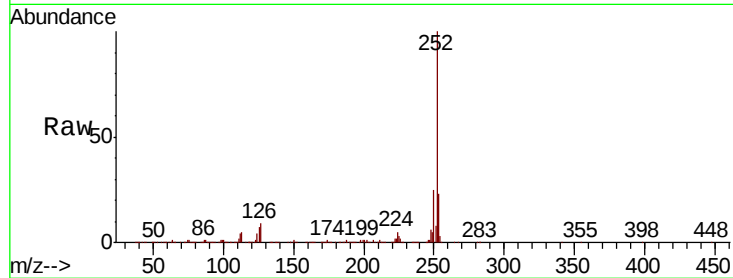
Tot Ion:252 Resp: 1685352

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.4

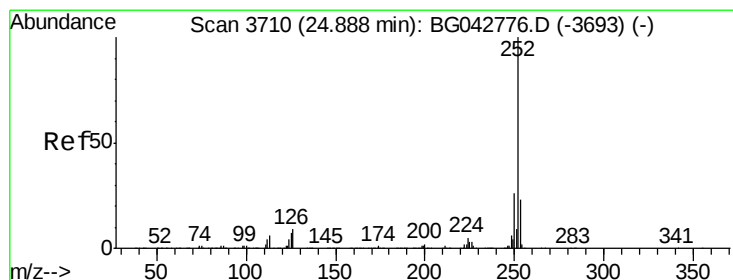
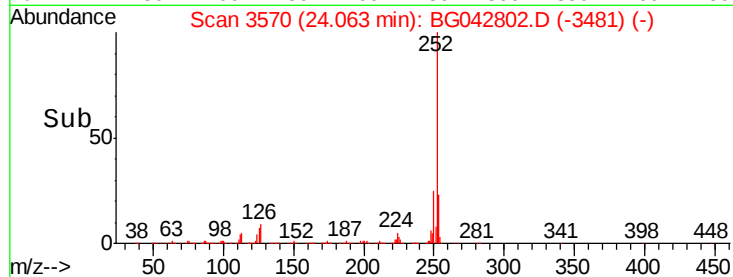
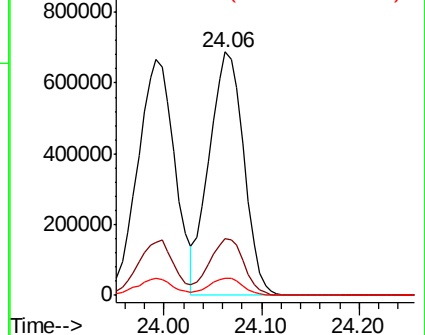
125 6.8 5.3 7.9



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: 52.234 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

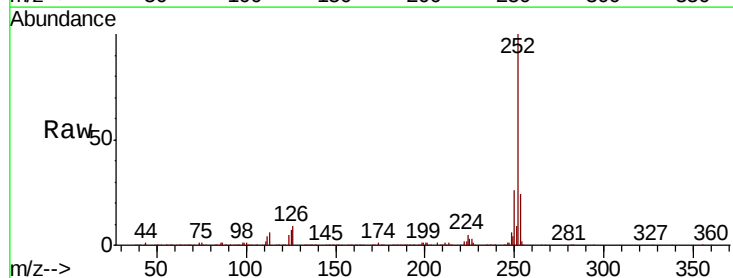
Tgt Ion:252 Resp: 1718875

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

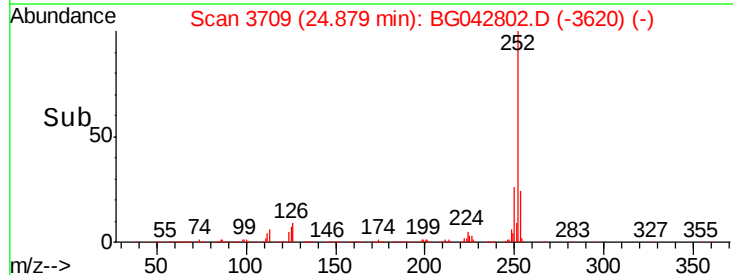
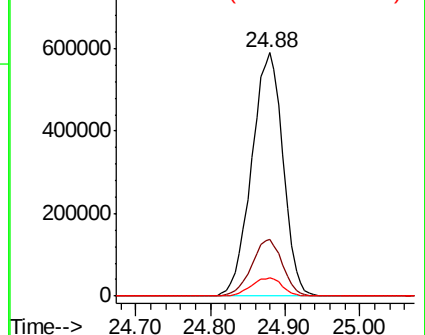
125 7.4 5.7 8.5

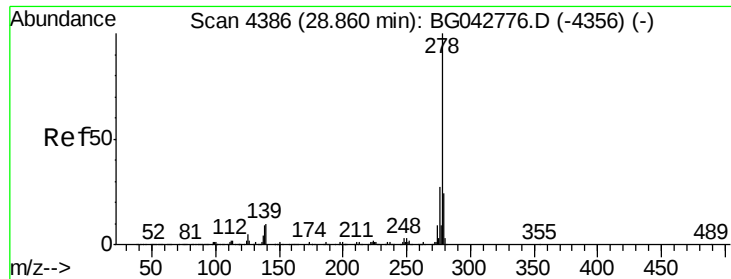


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.757 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

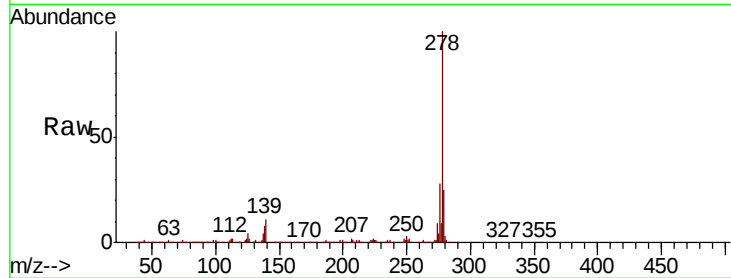
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1675140

Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.2	12.2
279	25.2	19.4	29.2

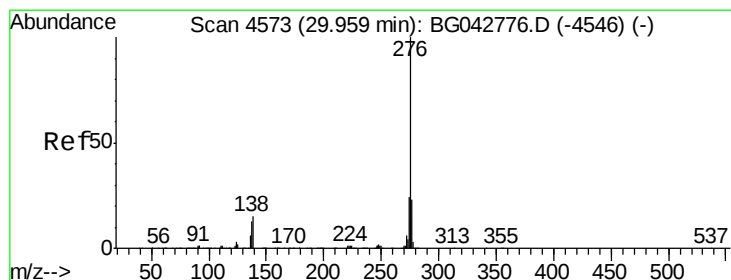
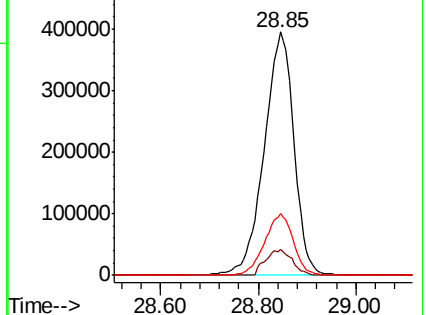
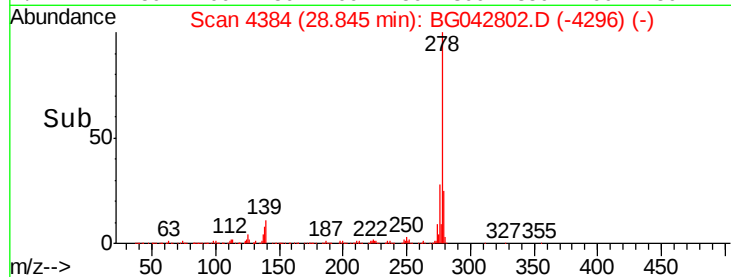


Abundance

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: 52.928 ng

RT: 29.94 min Scan# 4571

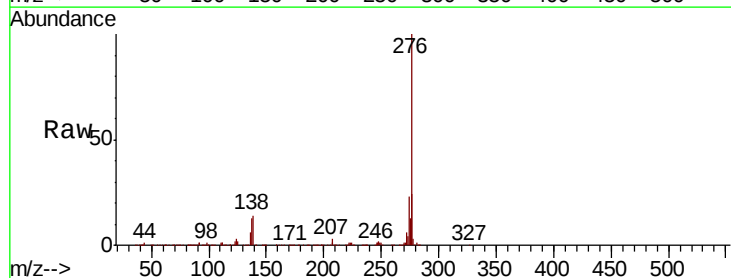
Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:276 Resp: 1670897

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	13.6	11.8	17.8



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

