

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082019\
 Data File : BG042362.D
 Acq On : 20 Aug 2019 17:50
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 18:35:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	63863	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	265850	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	191379	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	416165	20.00	ng	0.00
76) Chrysene-d12	21.69	240	390891	20.00	ng	0.00
87) Perylene-d12	24.93	264	468296	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	261955	83.11	ng	0.00
7) Phenol-d6	7.17	99	358267	83.69	ng	0.00
23) Nitrobenzene-d5	9.17	82	312665	82.72	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	203455	78.06	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	946052	83.65	ng	0.00
79) Terphenyl-d14	20.03	244	1468237	82.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	55309	40.689	ng	99
3) Pyridine	3.84	79	150779	43.304	ng	97
4) n-Nitrosodimethylamine	3.75	42	49661	41.427	ng	99
6) Aniline	7.32	93	232463	41.146	ng	99
8) 2-Chlorophenol	7.57	128	155404	40.556	ng	96
9) Benzaldehyde	7.14	77	77134	32.033	ng	100
10) Phenol	7.20	94	178936	41.114	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	139819	40.674	ng	97
12) 1,3-Dichlorobenzene	7.89	146	198211	40.643	ng	100
13) 1,4-Dichlorobenzene	8.04	146	196843	40.074	ng	97
14) 1,2-Dichlorobenzene	8.36	146	189028	40.325	ng	99
15) Benzyl Alcohol	8.25	79	123657	42.002	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	195329	41.205	ng	99
17) 2-Methylphenol	8.46	107	130569	40.574	ng	97
18) Hexachloroethane	9.10	117	67598	40.042	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	112627	40.904	ng	98
20) 3+4-Methylphenols	8.79	107	182973	41.098	ng	100
22) Acetophenone	8.83	105	232691	41.193	ng	98
24) Nitrobenzene	9.22	77	158107	41.051	ng	99
25) Isophorone	9.74	82	314435	41.601	ng	98
26) 2-Nitrophenol	9.93	139	99503	41.559	ng	97
27) 2,4-Dimethylphenol	10.00	122	140959	42.437	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	202823	41.659	ng	99
29) 2,4-Dichlorophenol	10.48	162	180675	40.909	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	218093	40.398	ng	98
31) Naphthalene	10.88	128	507748	41.214	ng	99
32) Benzoic acid	10.15	122	94256	40.491	ng	96
33) 4-Chloroaniline	10.98	127	230756	41.074	ng	99
34) Hexachlorobutadiene	11.17	225	144770	40.016	ng	96
35) Caprolactam	11.76	113	57780	41.048	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	167485	40.572	ng	97
37) 2-Methylnaphthalene	12.49	142	403539	40.861	ng	100
38) 1-Methylnaphthalene	12.71	142	383139	40.729	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	251401	40.754	ng	100

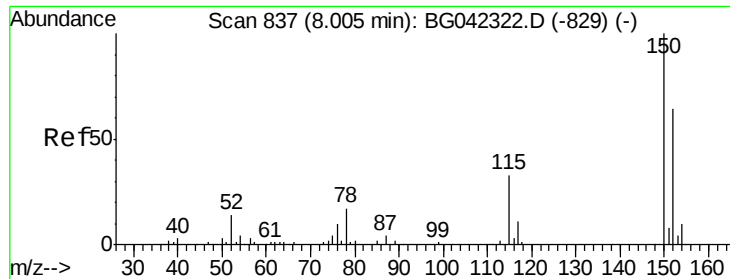
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082019\
 Data File : BG042362.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	143383	43.427	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	172455	41.769	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	175873	41.358	ng	98
46) 1,1'-Biphenyl	13.49	154	518397	41.519	ng	99
47) 2-Chloronaphthalene	13.54	162	443828	41.696	ng	100
48) 2-Nitroaniline	13.74	65	104735	41.632	ng	97
49) Acenaphthylene	14.39	152	662025	41.372	ng	99
50) Dimethylphthalate	14.12	163	558896	41.099	ng	100
51) 2,6-Dinitrotoluene	14.23	165	128185	40.275	ng	98
52) Acenaphthene	14.73	154	399595	40.935	ng	98
53) 3-Nitroaniline	14.57	138	127442	40.723	ng	98
54) 2,4-Dinitrophenol	14.78	184	74216	39.652	ng	98
55) Dibenzofuran	15.06	168	655684	41.237	ng	99
56) 4-Nitrophenol	14.89	139	92234	40.853	ng	92
57) 2,4-Dinitrotoluene	15.03	165	181783	40.851	ng	98
58) Fluorene	15.71	166	523003	40.434	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	168247	40.738	ng	98
60) Diethylphthalate	15.48	149	537003	40.816	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	315861	40.665	ng	98
62) 4-Nitroaniline	15.73	138	134389	40.637	ng	97
63) Azobenzene	16.00	77	377089	41.129	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	108136	42.586	ng	98
66) n-Nitrosodiphenylamine	15.92	169	481130	41.316	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	214039	40.415	ng	98
68) Hexachlorobenzene	16.72	284	229417	40.440	ng	95
69) Atrazine	16.86	200	155790	39.029	ng	99
70) Pentachlorophenol	17.07	266	126883	42.016	ng	99
71) Phenanthrene	17.46	178	858529	41.421	ng	99
72) Anthracene	17.55	178	851697	41.201	ng	99
73) Carbazole	17.82	167	746537	40.655	ng	100
74) Di-n-butylphthalate	18.37	149	882510	41.201	ng	99
75) Fluoranthene	19.47	202	1014544	40.592	ng	99
77) Benzidine	19.64	184	274035	26.441	ng	99
78) Pyrene	19.83	202	1026891	42.694	ng	100
80) Butylbenzylphthalate	20.71	149	400619	42.026	ng	97
81) Benzo(a)anthracene	21.67	228	996096	41.495	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	375933	39.346	ng	100
83) Chrysene	21.74	228	960642	41.833	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	554090	41.688	ng	99
85) Di-n-octyl phthalate	22.80	149	957663	42.241	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1247343	40.682	ng	# 96
88) Benzo(b)fluoranthene	23.91	252	1063531	41.318	ng	100
89) Benzo(k)fluoranthene	23.97	252	1054734	41.919	ng	100
90) Benzo(a)pyrene	24.79	252	1026027	41.600	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	1011644	41.114	ng	98
92) Benzo(g,h,i)perylene	29.80	276	1006743	41.059	ng	99

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

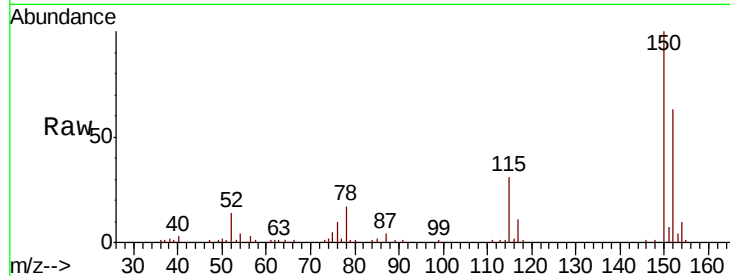


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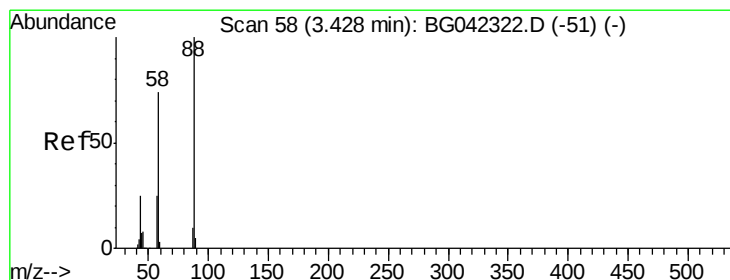
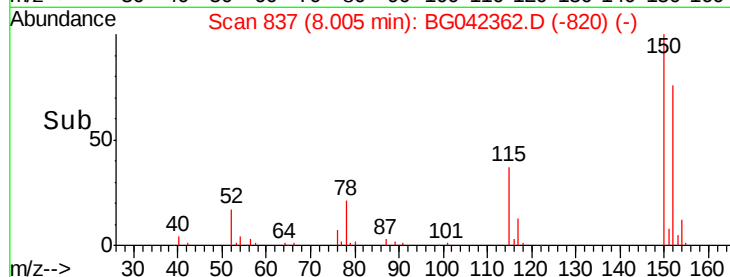
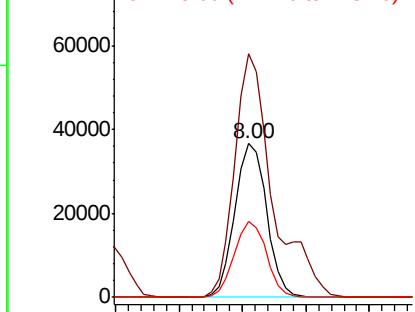
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63863
Ion Ratio Lower Upper
152 100
150 158.2 124.3 186.5
115 49.4 40.5 60.7



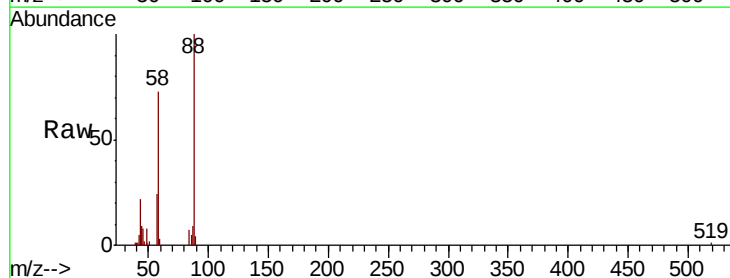
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



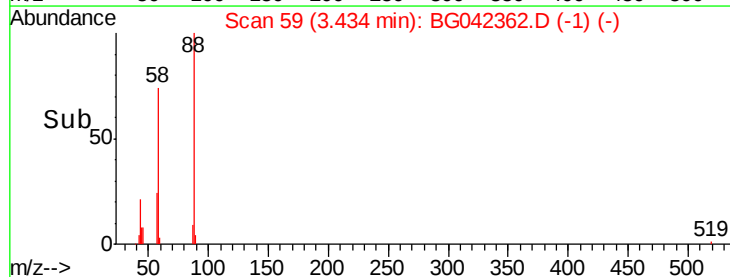
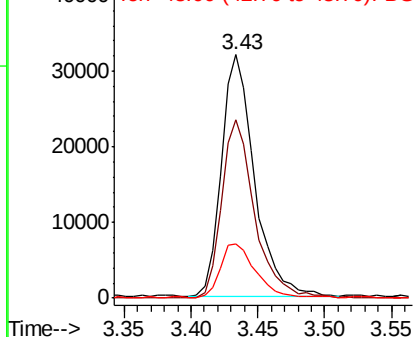
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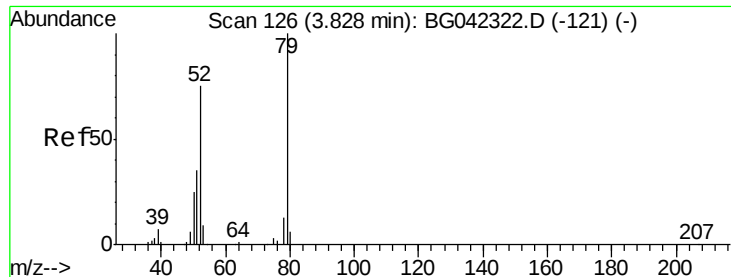
1,4-Dioxane
Concen: 40.689 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion: 88 Resp: 55309
Ion Ratio Lower Upper
88 100
58 73.8 58.6 88.0
43 24.4 19.4 29.0



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: 43.304 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

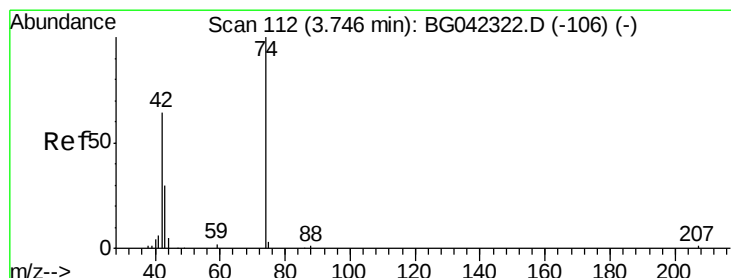
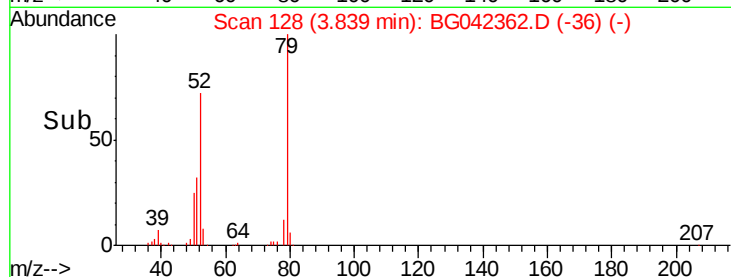
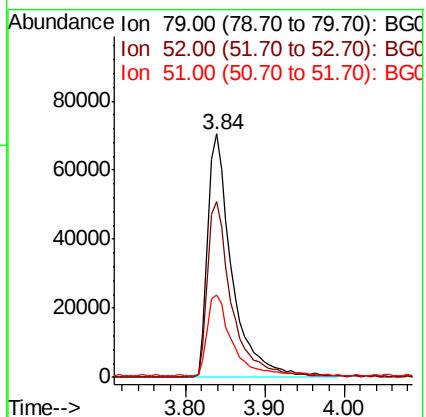
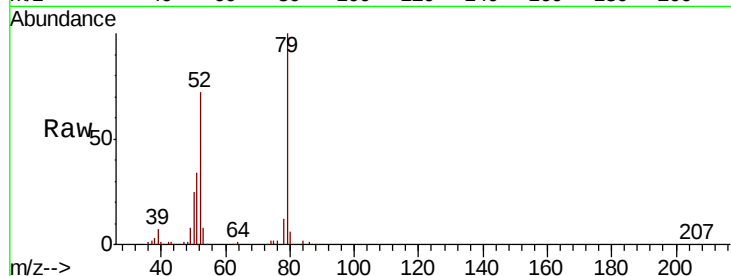
Tot Ion: 79 Resp: 150779

Ion Ratio Lower Upper

79 100

52 72.2 60.0 90.0

51 34.0 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 41.427 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

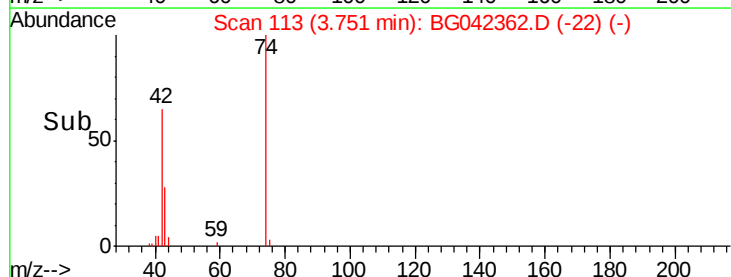
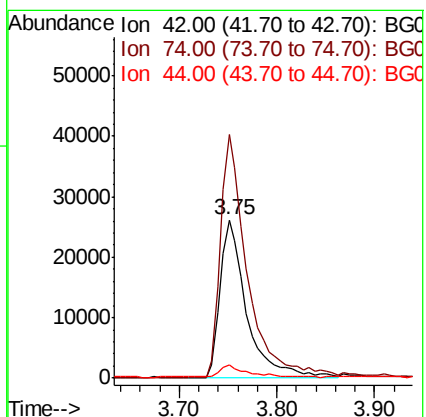
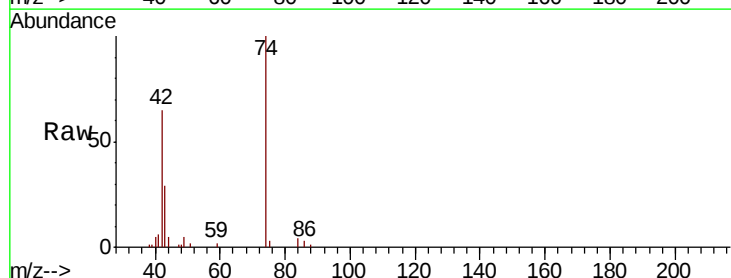
Tgt Ion: 42 Resp: 49661

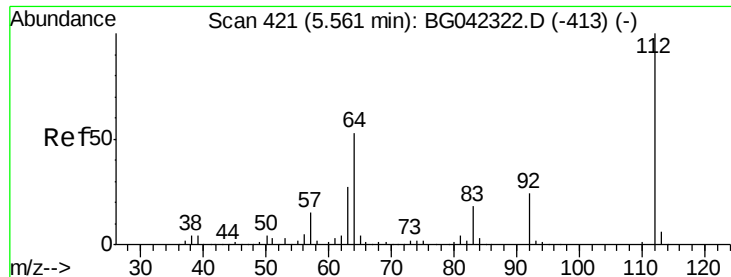
Ion Ratio Lower Upper

42 100

74 153.8 124.2 186.2

44 8.0 6.5 9.7





#5

2-Fluorophenol

Concen: 83.107 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042362.D

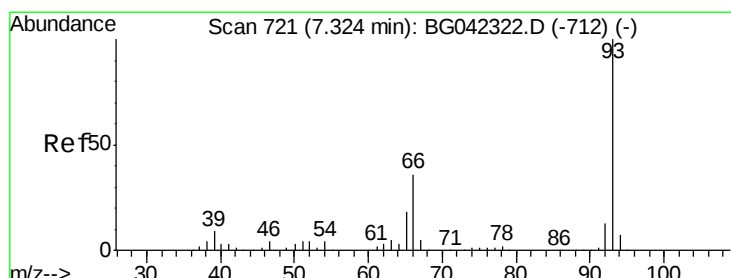
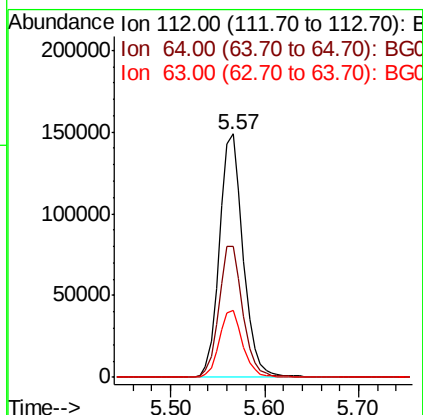
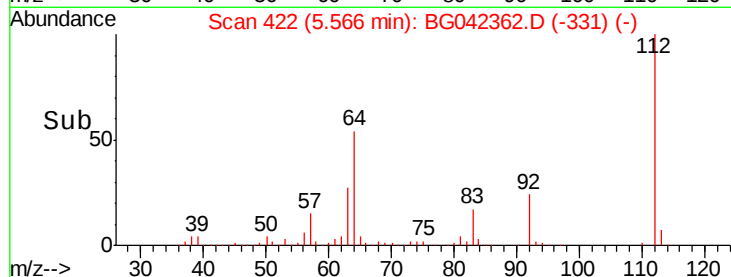
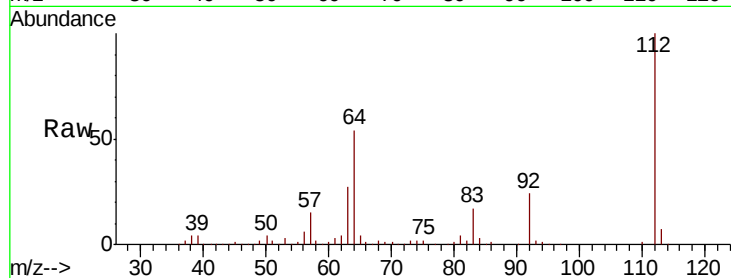
Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	261955
Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.5	63.7
63	27.5	21.7	32.5



#6

Aniline

Concen: 41.146 ng

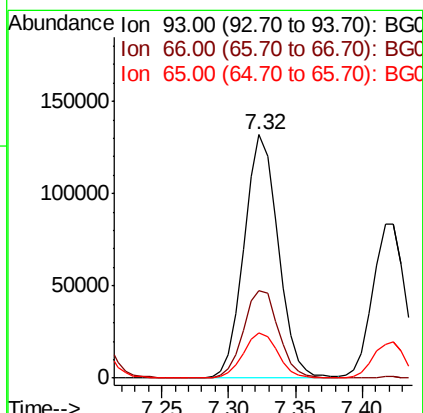
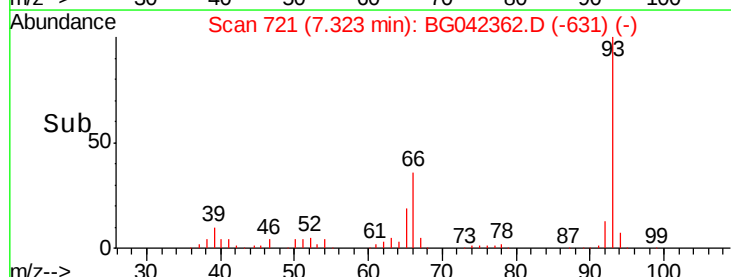
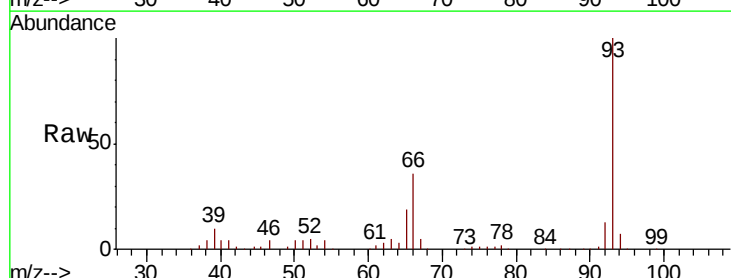
RT: 7.32 min Scan# 721

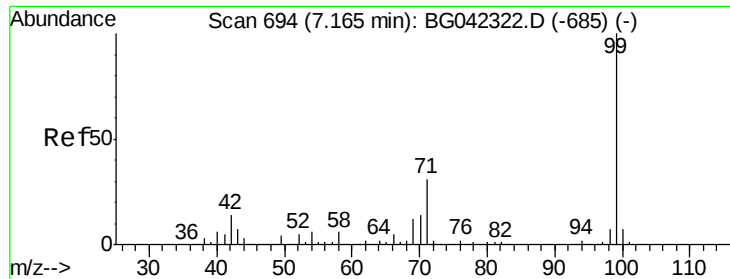
Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Tgt Ion:	93	Resp:	232463
Ion	Ratio	Lower	Upper
93	100		
66	36.0	29.1	43.7
65	18.7	14.7	22.1





#7

Phenol-d6

Concen: 83.691 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

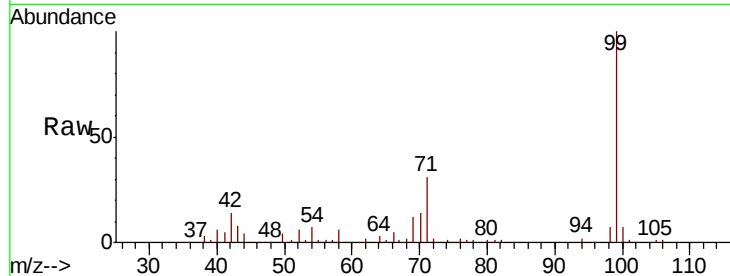
Tot Ion: 99 Resp: 358267

Ion Ratio Lower Upper

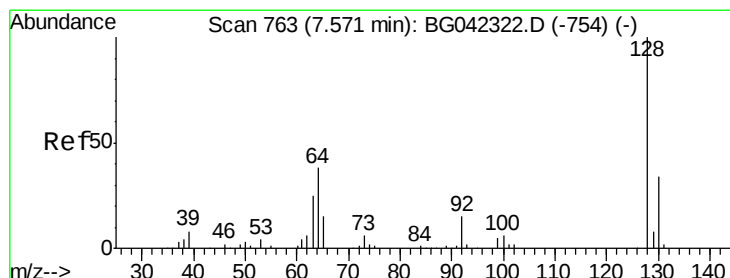
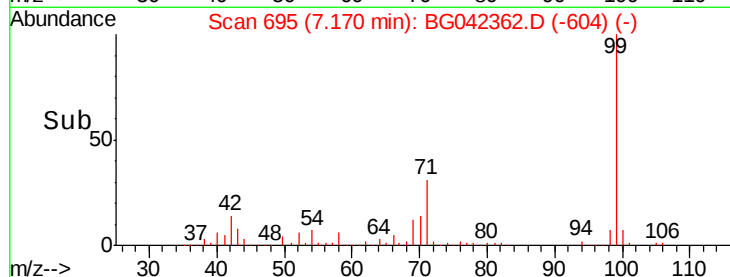
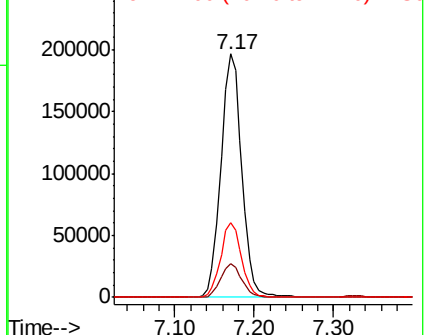
99 100

42 14.0 11.4 17.0

71 30.7 25.1 37.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.556 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

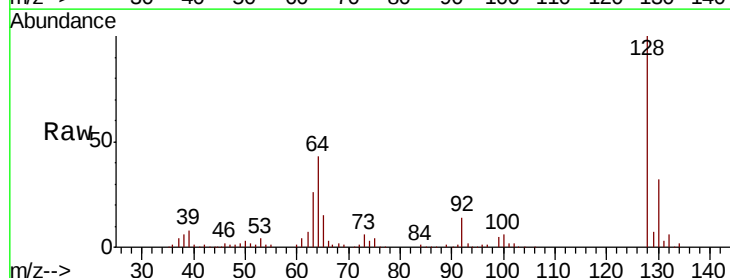
Tgt Ion: 128 Resp: 155404

Ion Ratio Lower Upper

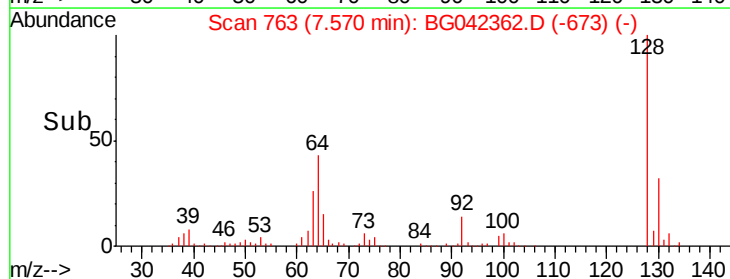
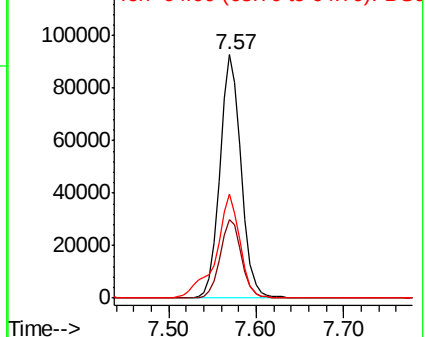
128 100

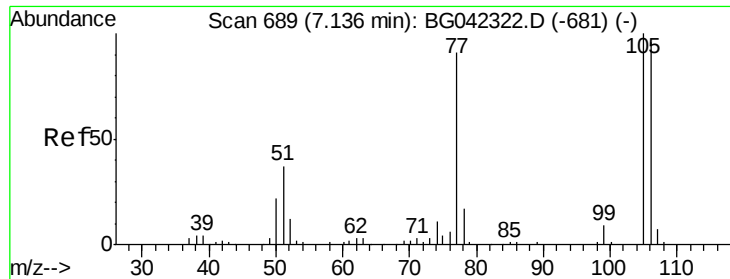
130 32.0 13.5 53.5

64 42.9 19.8 59.8



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





#9

Benzaldehyde

Concen: 32.033 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

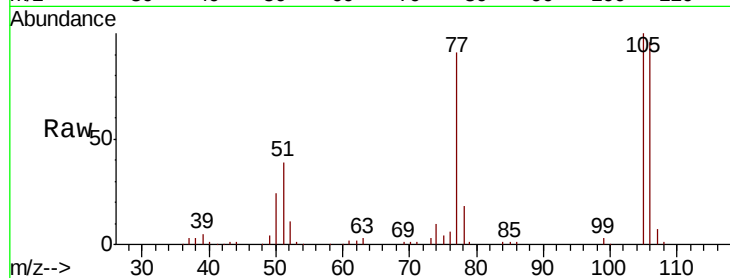
Tot Ion: 77 Resp: 77134

Ion Ratio Lower Upper

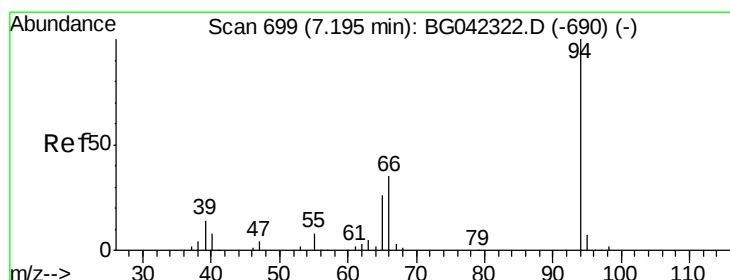
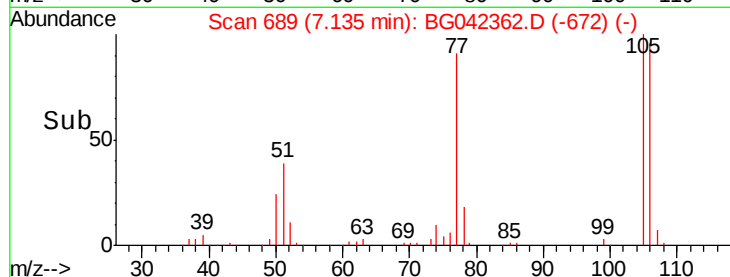
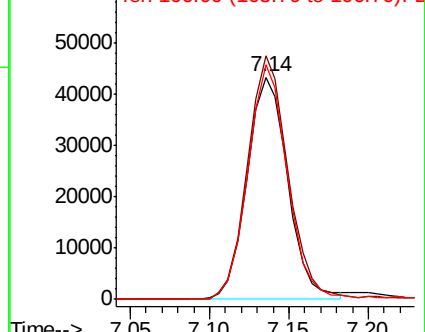
77 100

105 109.6 89.8 129.8

106 105.7 85.1 125.1



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



#10

Phenol

Concen: 41.114 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

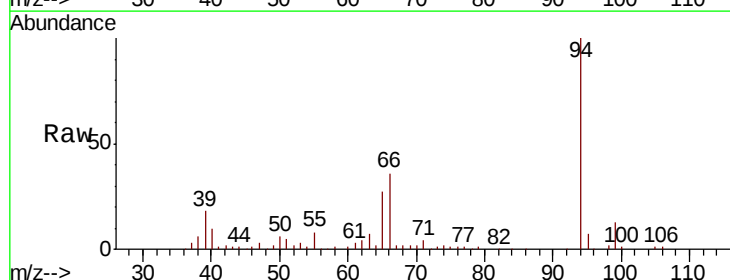
Tgt Ion: 94 Resp: 178936

Ion Ratio Lower Upper

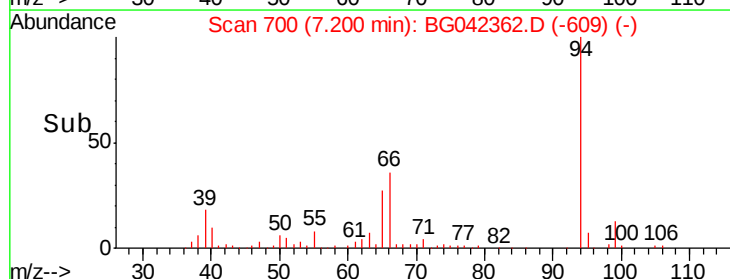
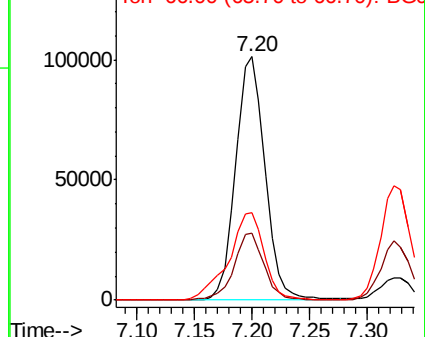
94 100

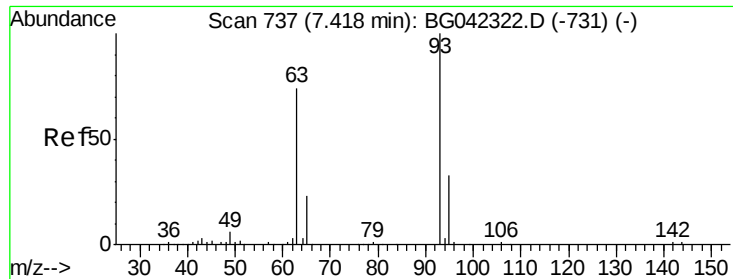
65 27.4 6.1 46.1

66 36.1 15.7 55.7



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

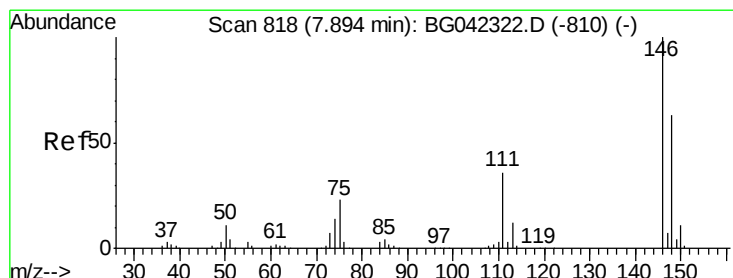
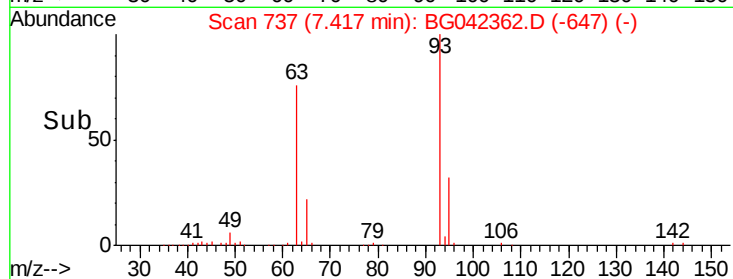
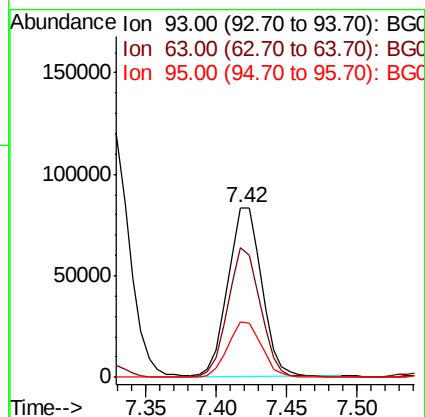
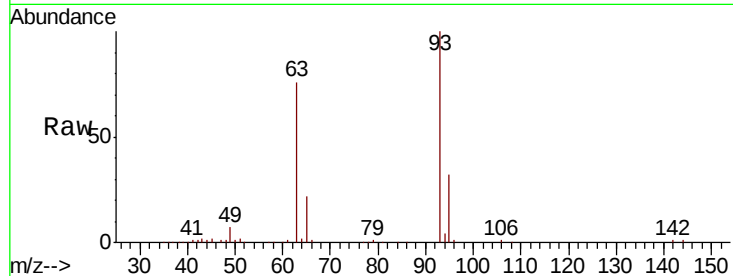




#11
bis(2-Chloroethyl)ether
Concen: 40.674 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

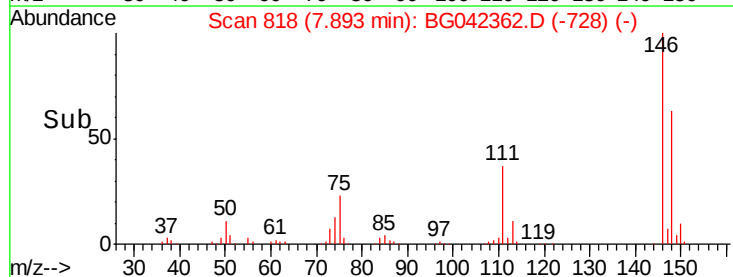
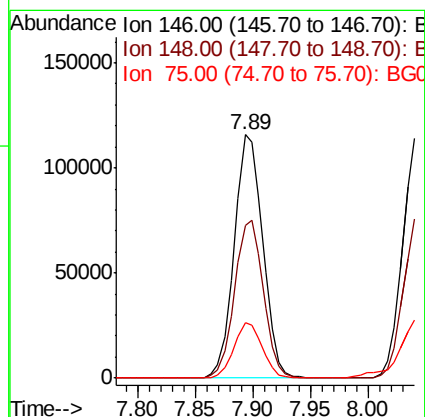
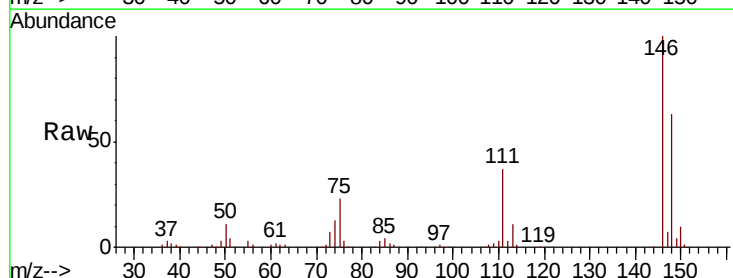
Instrument :
BNA_F
ClientSampleId :

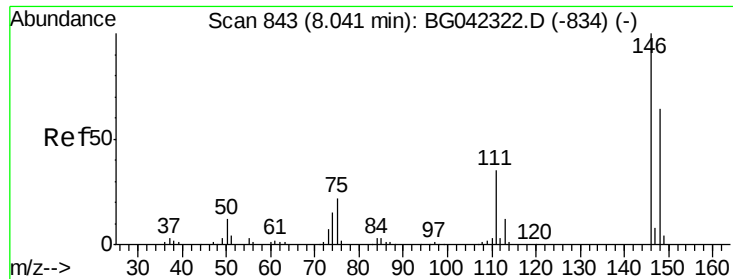
Tot Ion: 93 Resp: 139819
Ion Ratio Lower Upper
93 100
63 76.2 53.0 93.0
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 40.643 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion: 146 Resp: 198211
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
75 22.6 18.2 27.4

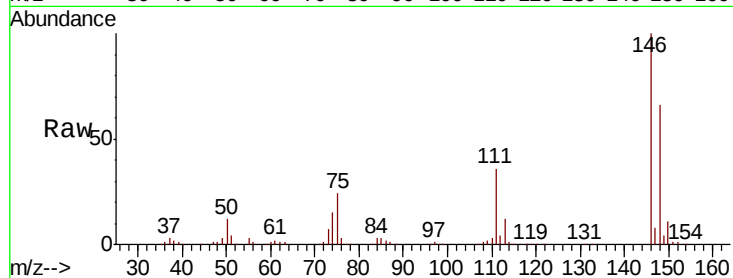




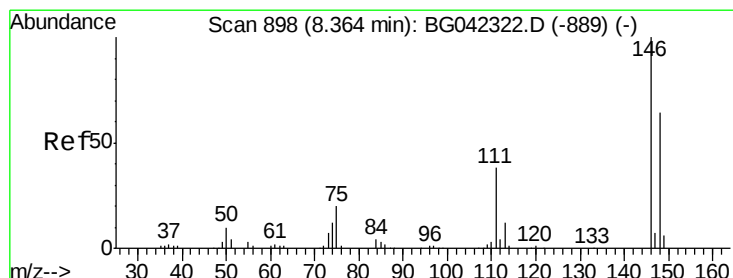
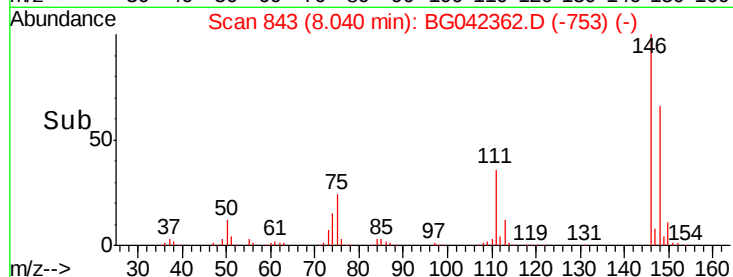
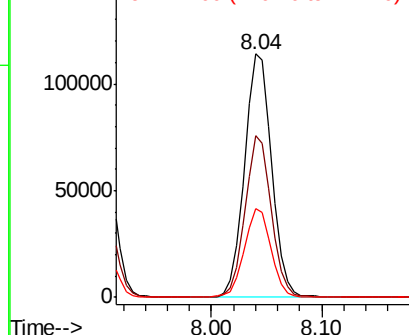
#13
 1,4-Dichlorobenzene
 Concen: 40.074 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 196843
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.9 76.3
 111 36.4 28.3 42.5

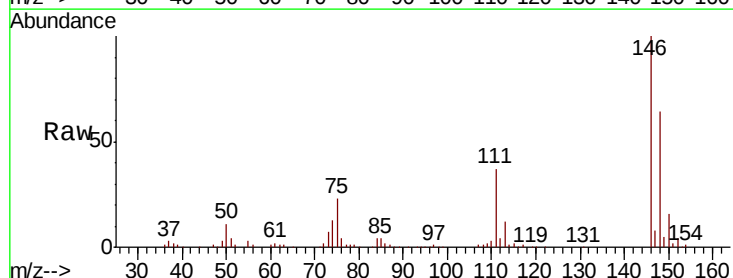


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

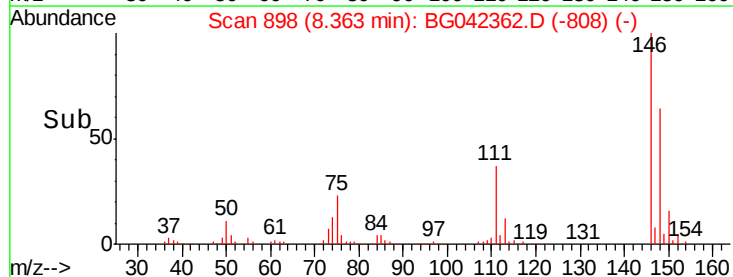
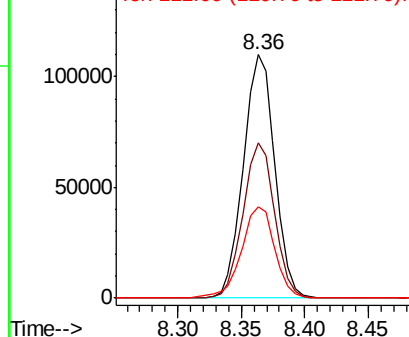


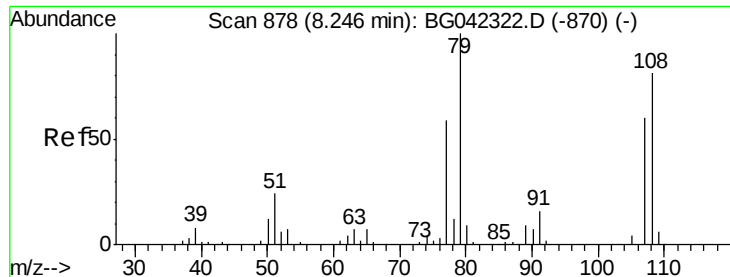
#14
 1,2-Dichlorobenzene
 Concen: 40.325 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion:146 Resp: 189028
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 37.4 30.6 46.0



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





#15

Benzyl Alcohol

Concen: 42.002 ng

RT: 8.25 min Scan# 878

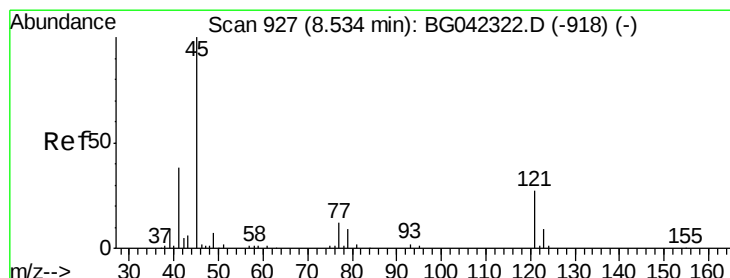
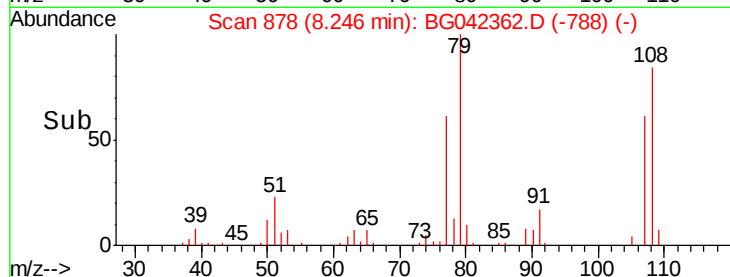
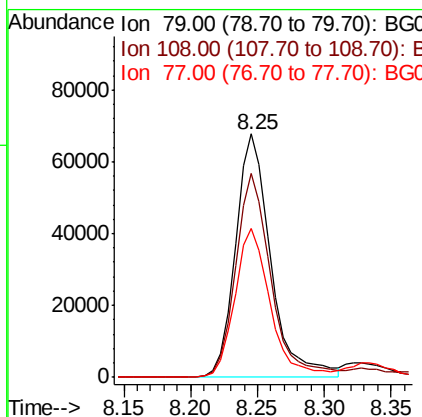
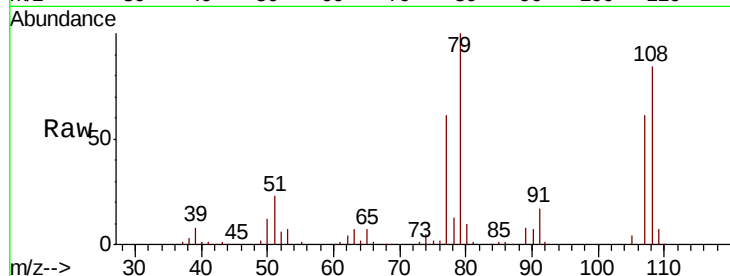
Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	123657
Ion	Ratio	Lower	Upper
79	100		
108	83.8	64.8	97.2
77	61.3	47.6	71.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.205 ng

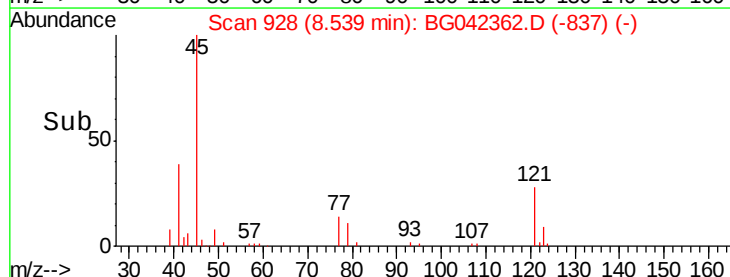
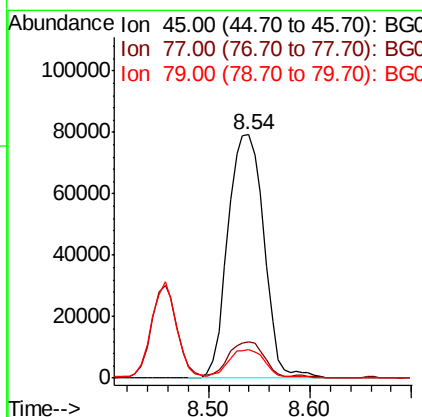
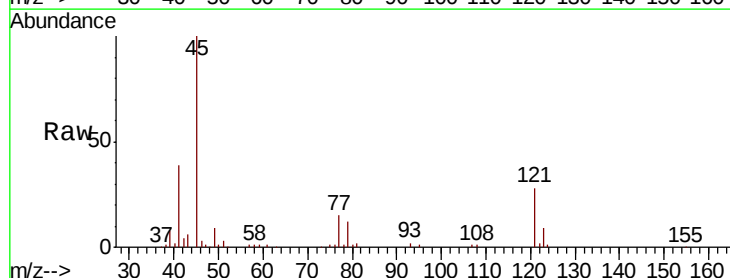
RT: 8.54 min Scan# 928

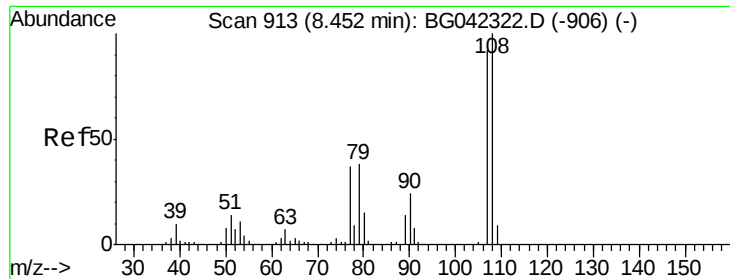
Delta R.T. 0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Tgt Ion:	45	Resp:	195329
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.6
79	11.8	0.0	31.4

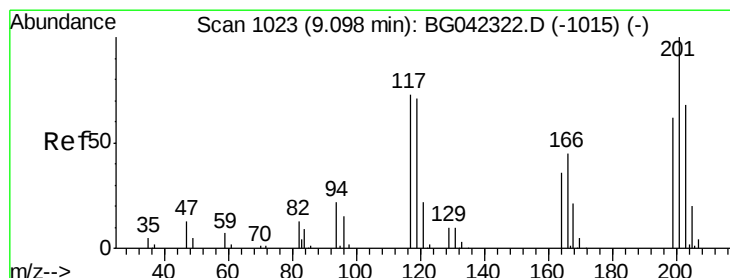
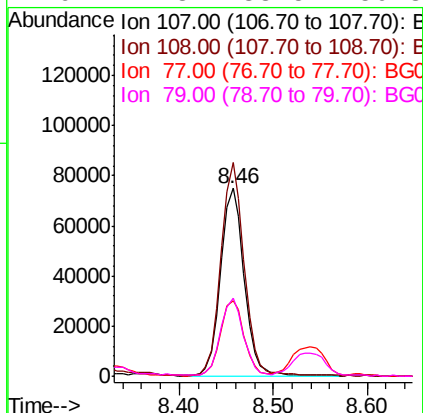
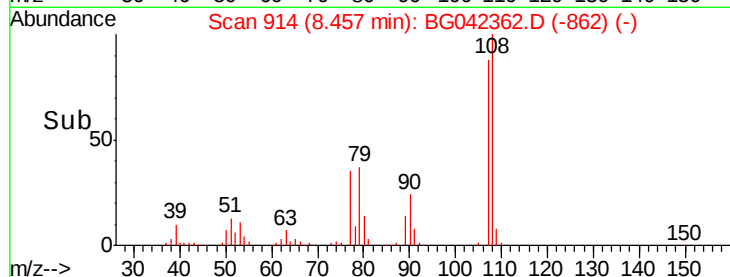
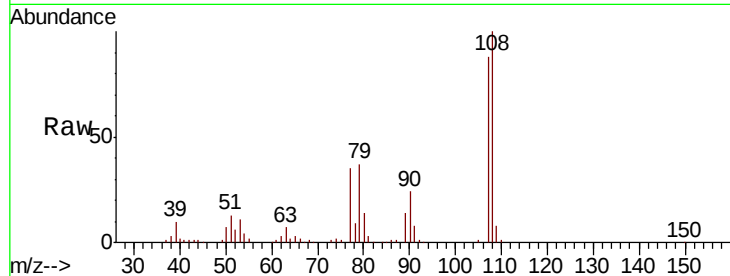




#17
2-Methylphenol
Concen: 40.574 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

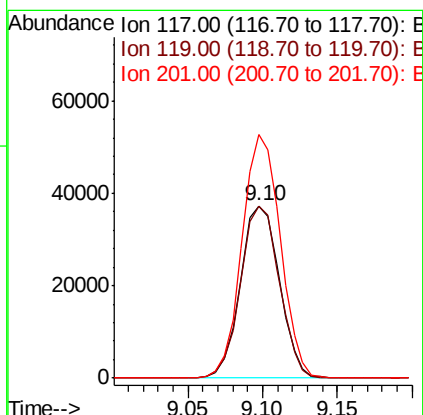
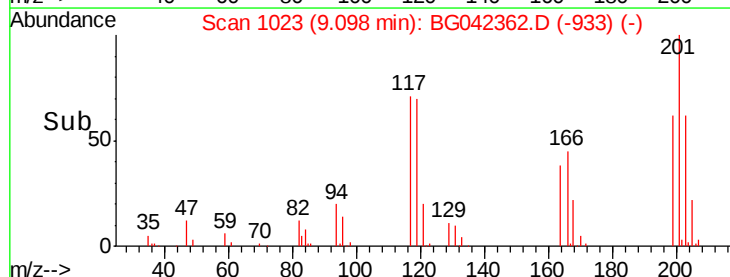
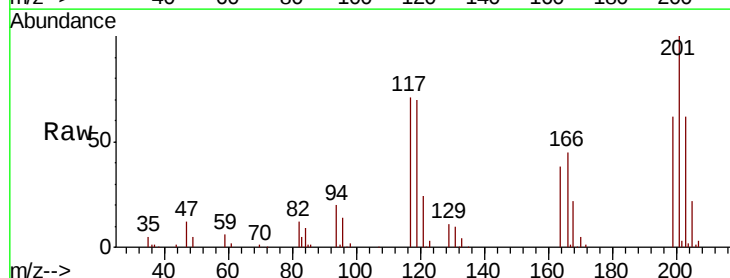
Instrument :
BNA_F
ClientSampleId :

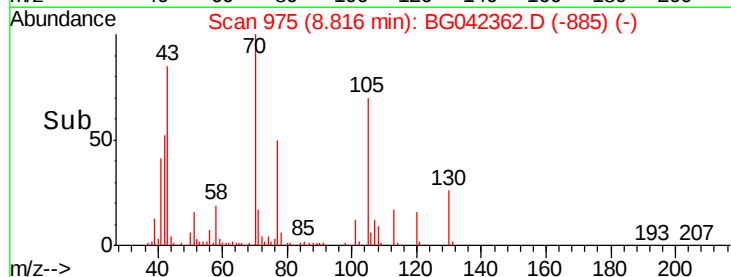
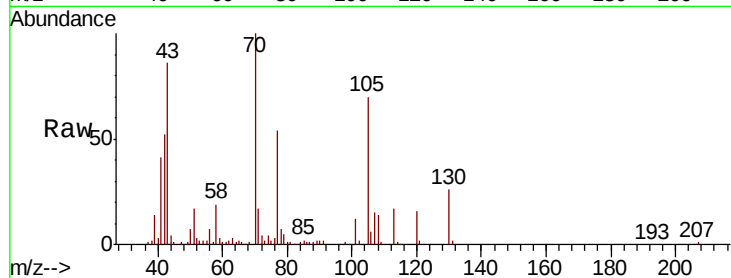
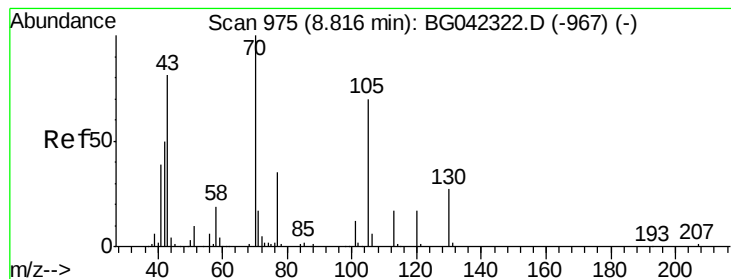
Tot Ion:107 Resp: 130569
Ion Ratio Lower Upper
107 100
108 113.6 87.0 130.6
77 40.0 32.3 48.5
79 41.8 33.5 50.3



#18
Hexachloroethane
Concen: 40.042 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:117 Resp: 67598
Ion Ratio Lower Upper
117 100
119 99.6 77.6 116.4
201 141.4 109.4 164.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.904 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 112627

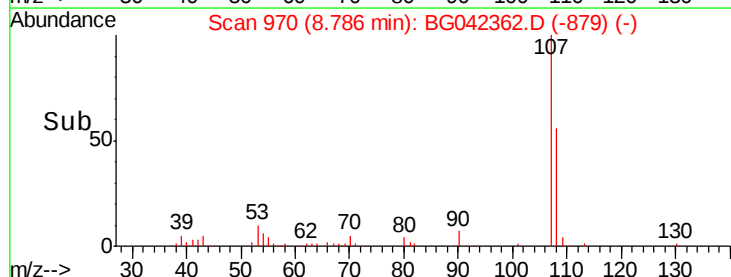
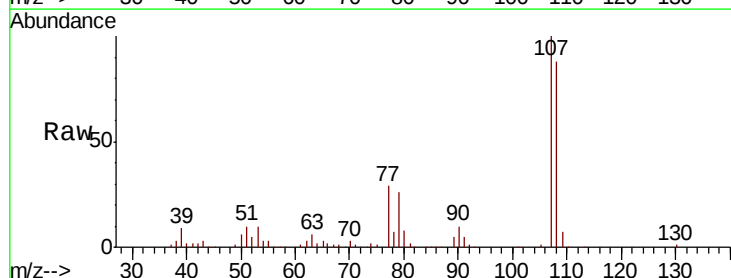
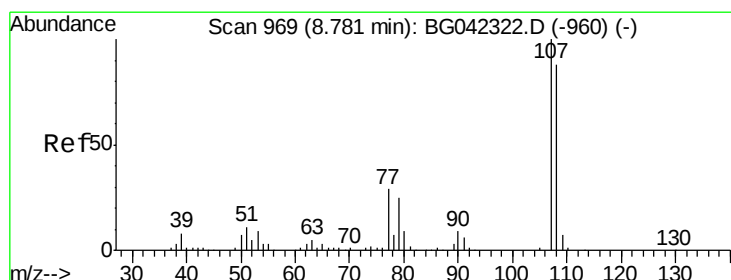
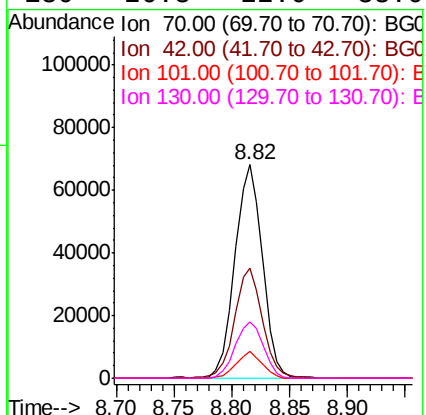
Ion Ratio Lower Upper

70 100

42 51.5 40.5 60.7

101 12.4 9.3 13.9

130 26.3 22.0 33.0



#20

3+4-Methylphenols

Concen: 41.098 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Tgt Ion: 107 Resp: 182973

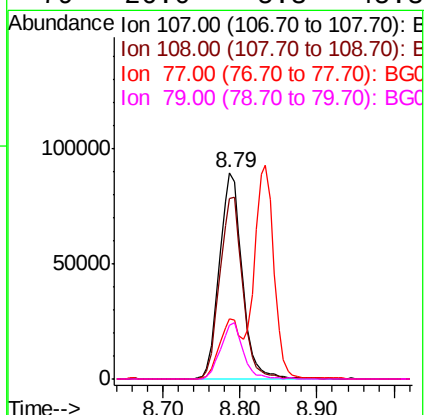
Ion Ratio Lower Upper

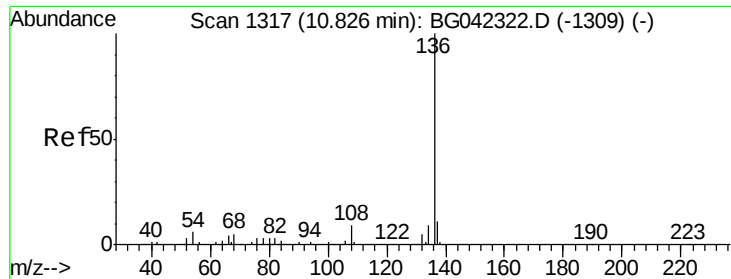
107 100

108 87.7 67.8 107.8

77 29.4 9.1 49.1

79 26.0 5.3 45.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 265850

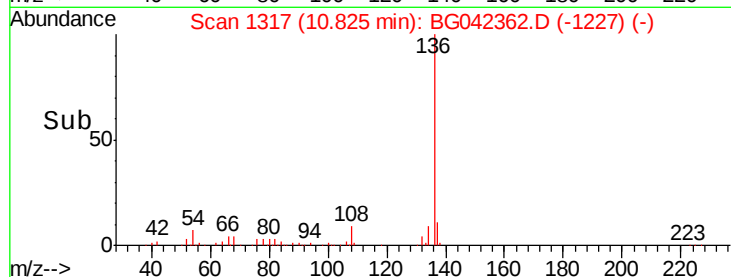
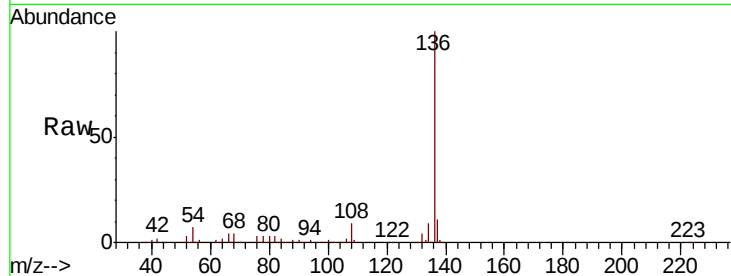
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.1 5.0 7.4

68 4.5 3.8 5.8

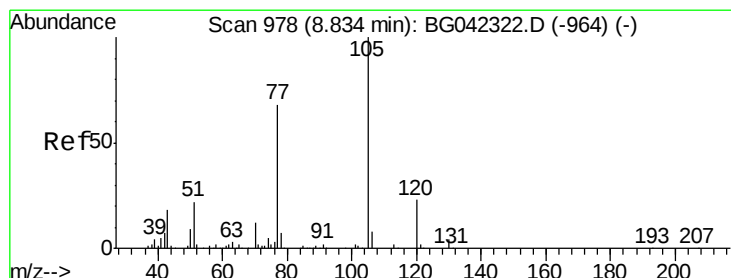
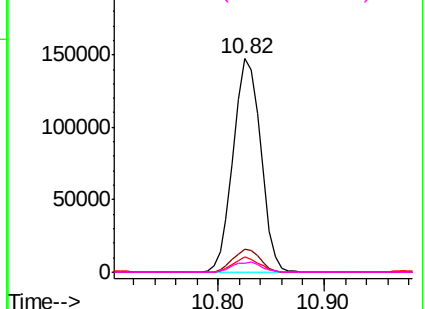


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.193 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Tgt Ion:105 Resp: 232691

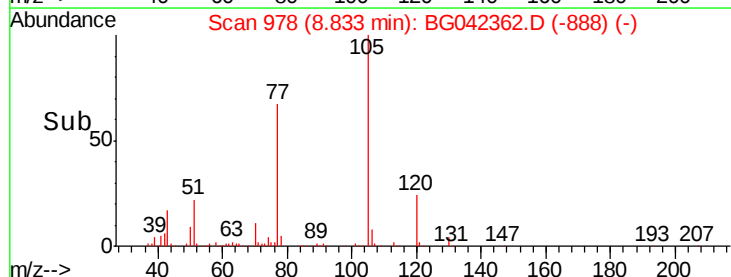
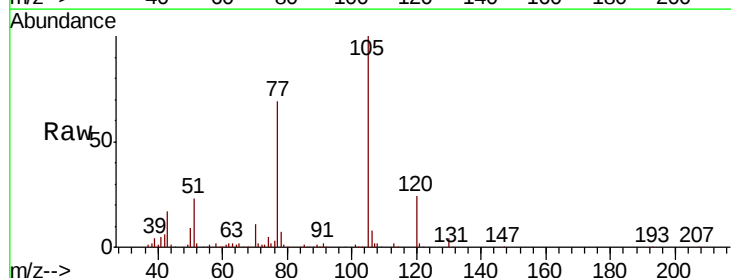
Ion Ratio Lower Upper

105 100

71 2.0 1.8 2.8

51 22.5 17.5 26.3

120 24.4 18.4 27.6

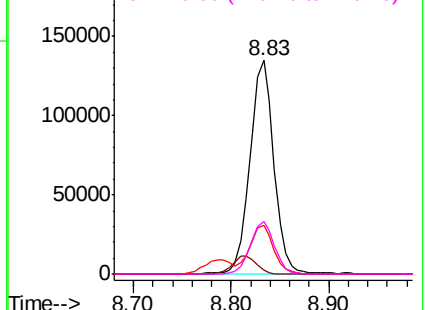


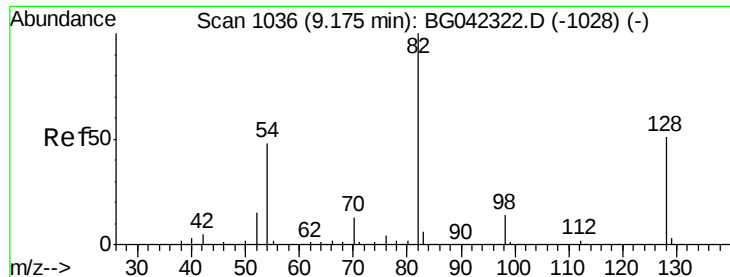
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

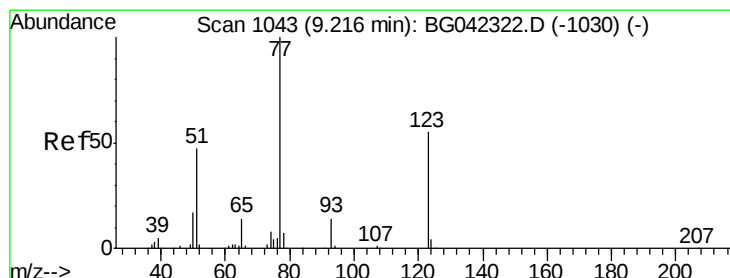
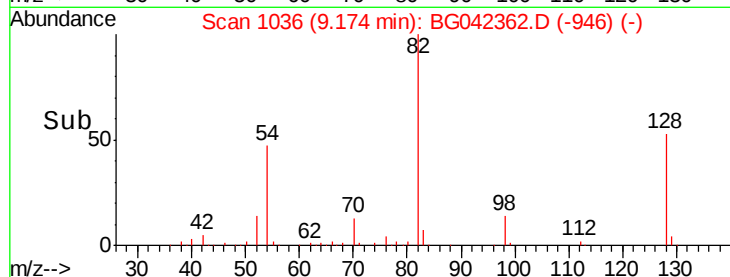
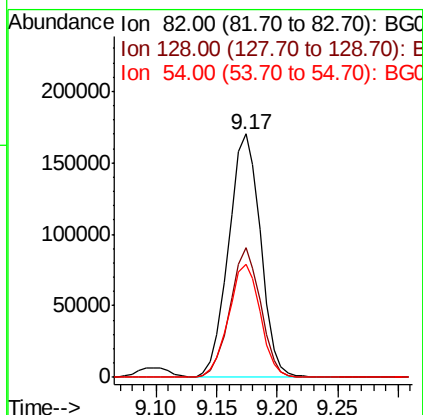
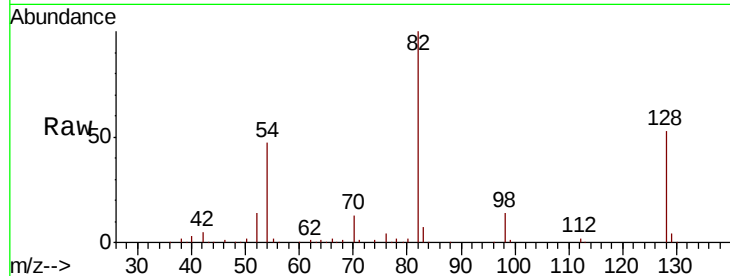




#23
 Nitrobenzene-d5
 Concen: 82.718 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

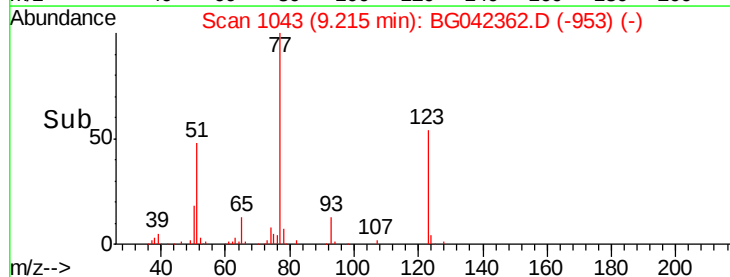
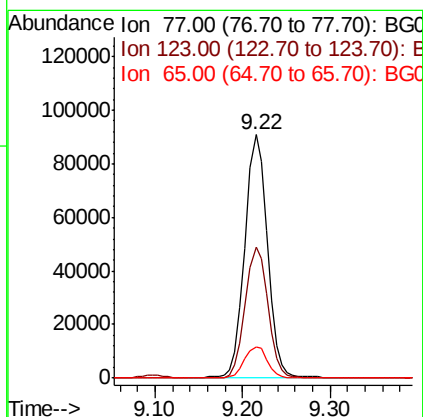
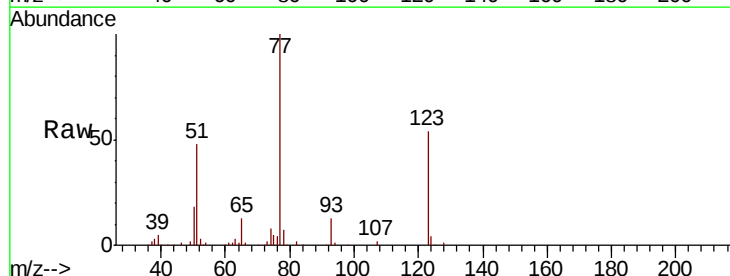
Instrument :
 BNA_F
 ClientSampled :

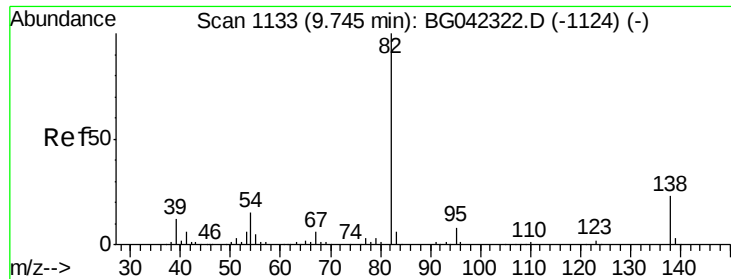
Tot Ion	82	Resp	312665
Ion Ratio	100	Lower	Upper
128	53.0	41.0	61.4
54	46.5	38.0	57.0



#24
 Nitrobenzene
 Concen: 41.051 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion	77	Resp	158107
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	54.0	43.7	65.5
65	12.7	10.9	16.3





#25

Isophorone

Concen: 41.601 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

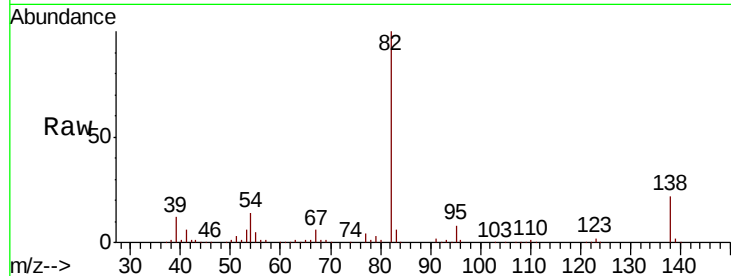
Tot Ion: 82 Resp: 314435

Ion Ratio Lower Upper

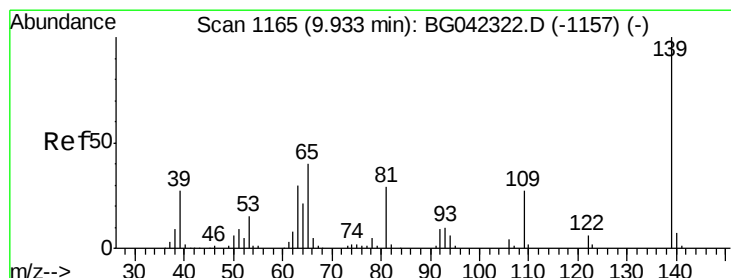
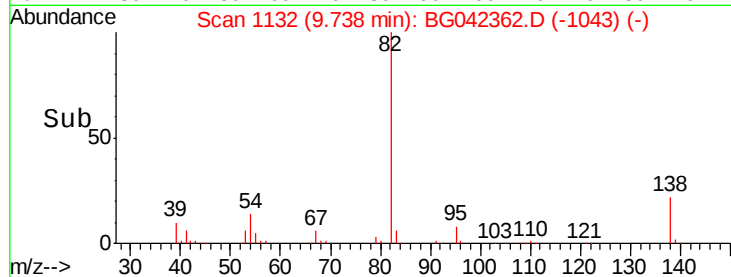
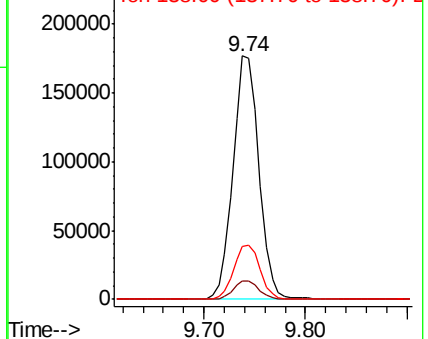
82 100

95 7.6 6.1 9.1

138 21.7 18.2 27.2



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



#26

2-Nitrophenol

Concen: 41.559 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

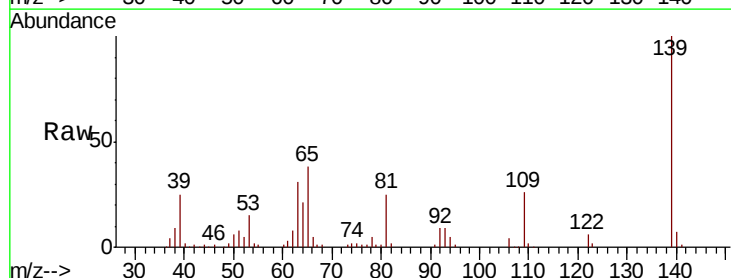
Tgt Ion: 139 Resp: 99503

Ion Ratio Lower Upper

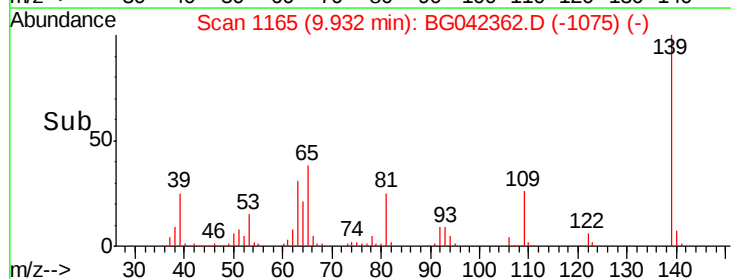
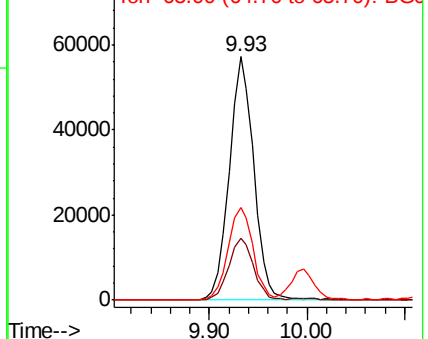
139 100

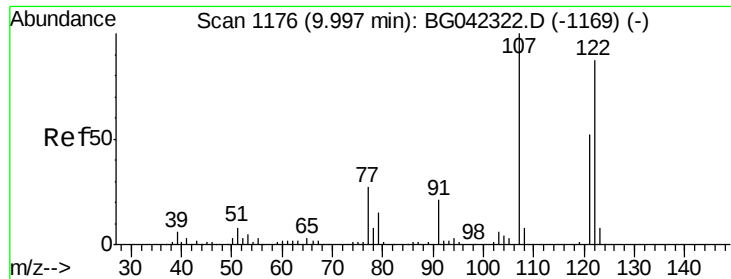
109 25.6 21.4 32.2

65 37.9 31.8 47.6



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

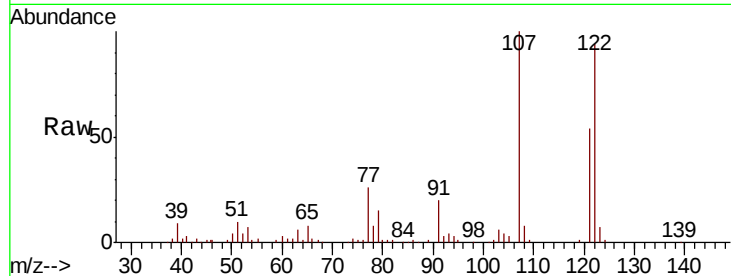




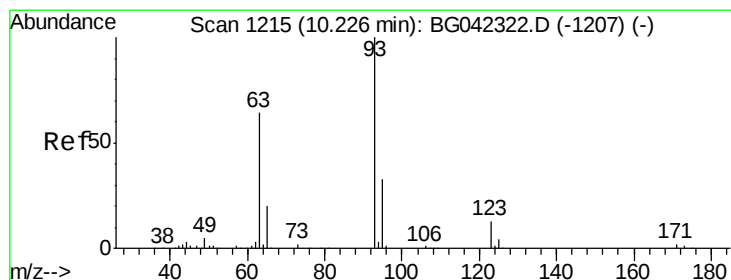
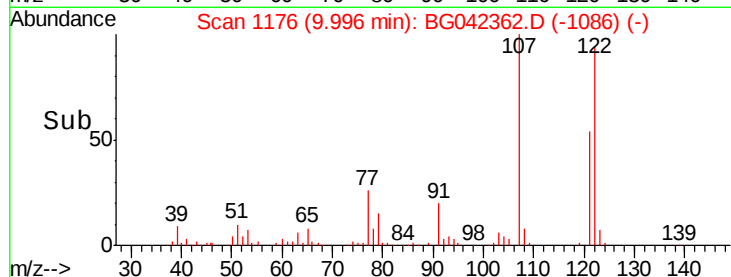
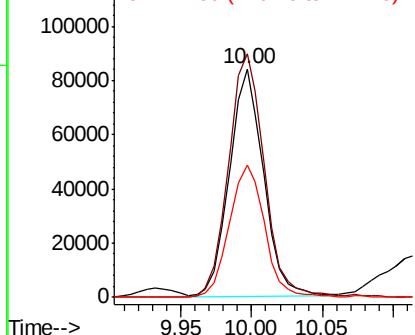
#27
 2,4-Dimethylphenol
 Concen: 42.437 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 140959
 Ion Ratio Lower Upper
 122 100
 107 106.5 91.0 136.4
 121 57.8 47.1 70.7

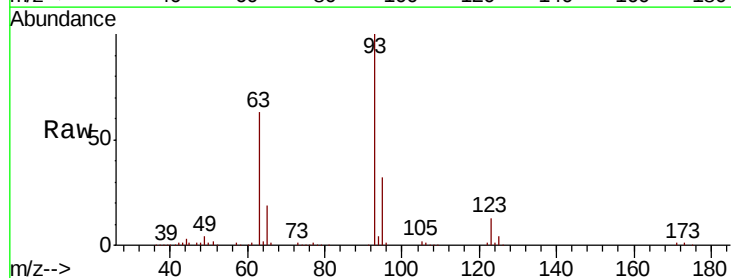


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

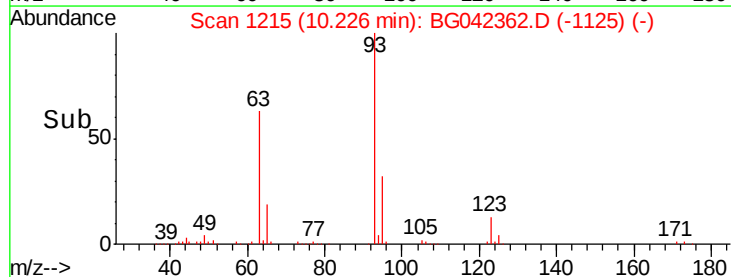
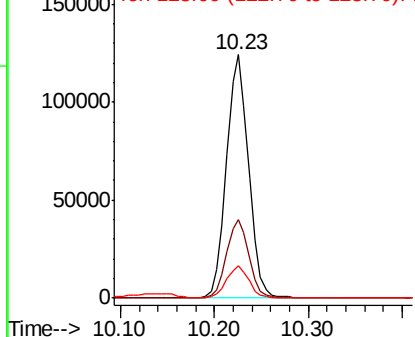


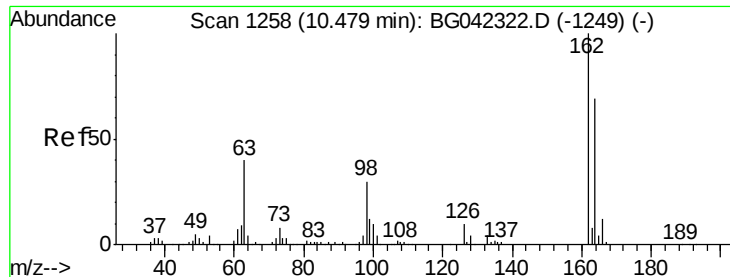
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.659 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion: 93 Resp: 202823
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 13.3 10.3 15.5



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: 40.909 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

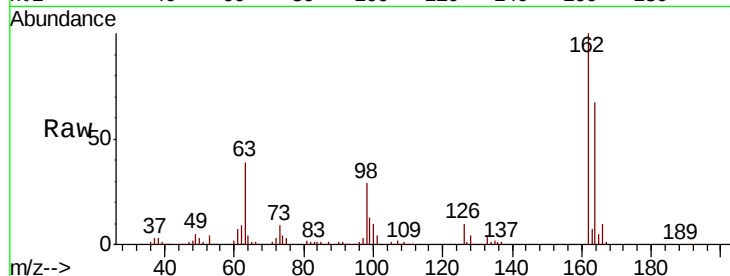
Tot Ion:162 Resp: 180675

Ion Ratio Lower Upper

162 100

164 67.2 48.6 88.6

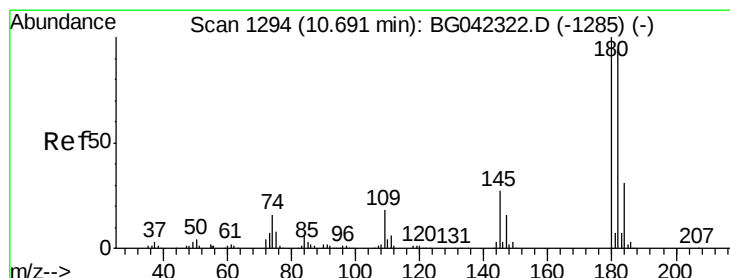
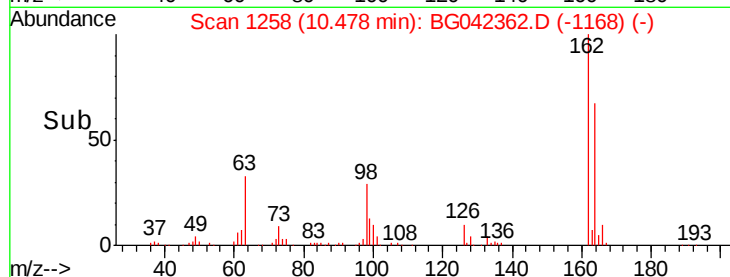
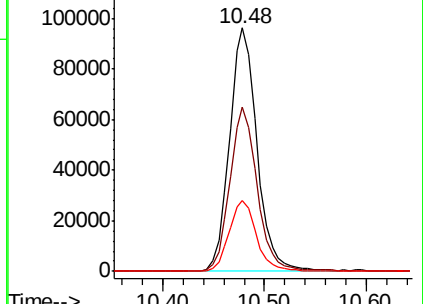
98 29.2 9.6 49.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.398 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

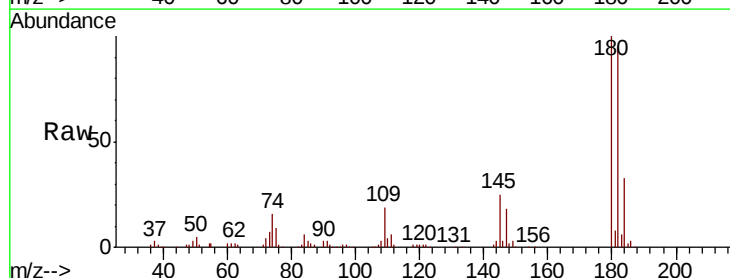
Tgt Ion:180 Resp: 218093

Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

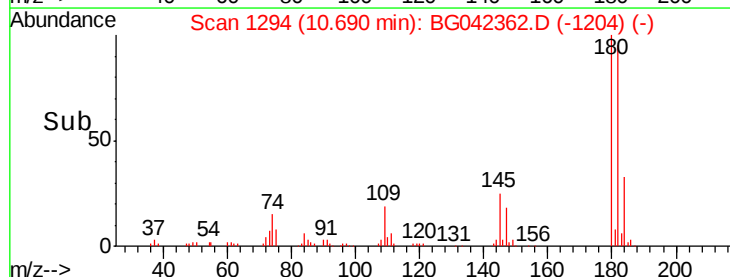
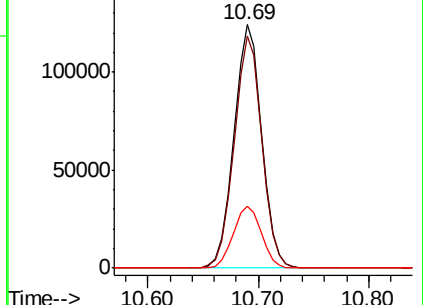
145 25.4 21.2 31.8

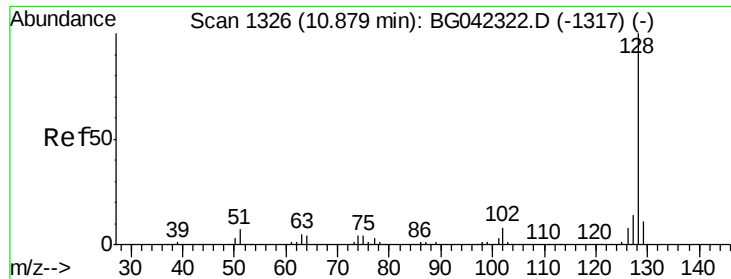


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

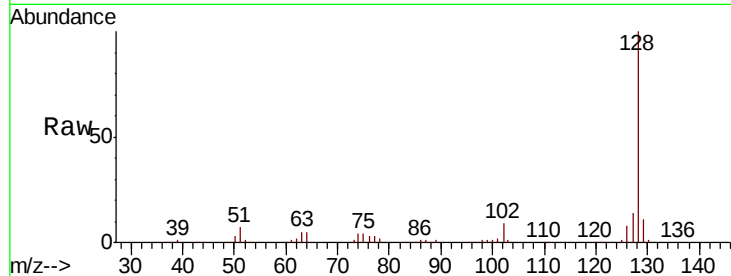




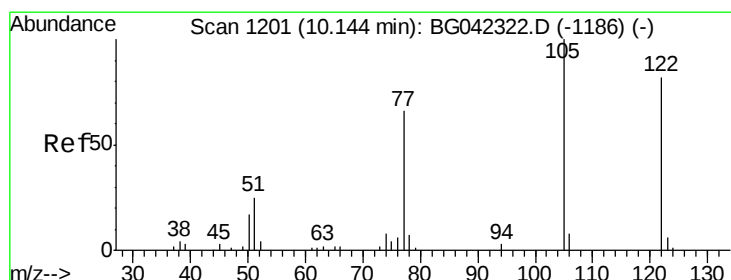
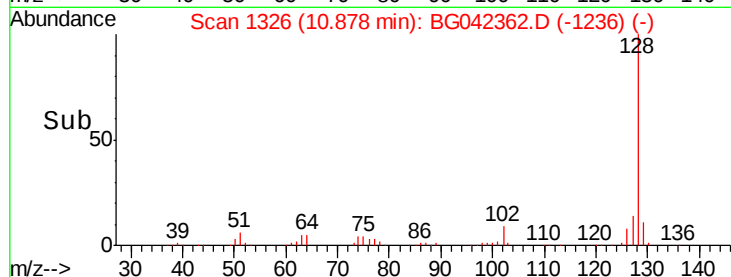
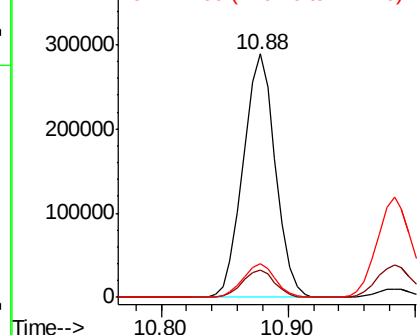
#31
Naphthalene
Concen: 41.214 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 507748
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 14.0 10.8 16.2

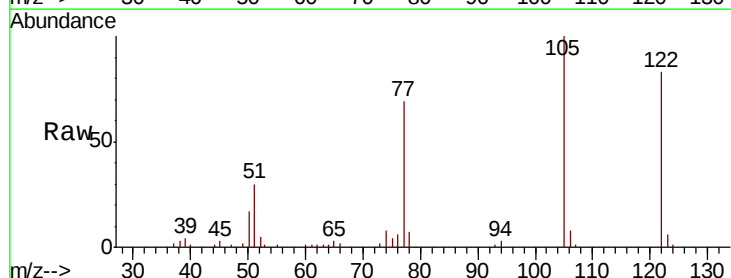


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

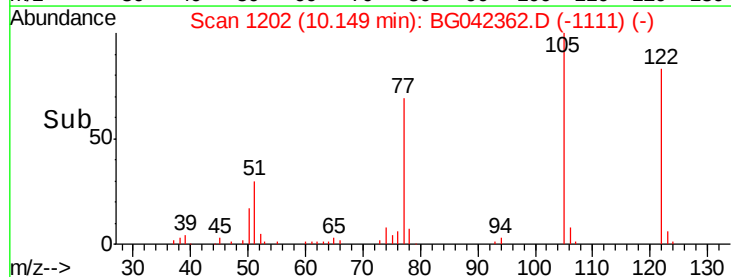
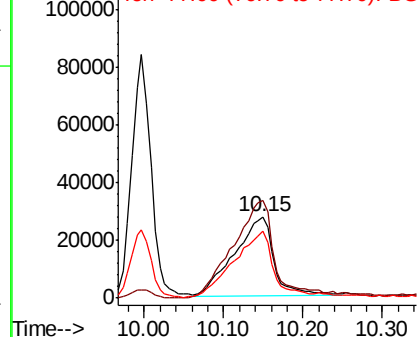


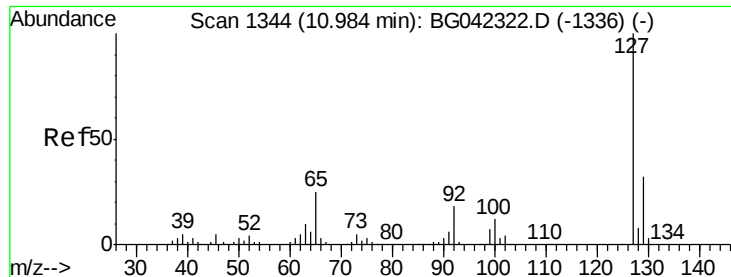
#32
Benzoic acid
Concen: 40.491 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:122 Resp: 94256
Ion Ratio Lower Upper
122 100
105 120.5 97.7 137.7
77 83.1 58.4 98.4



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): BGO

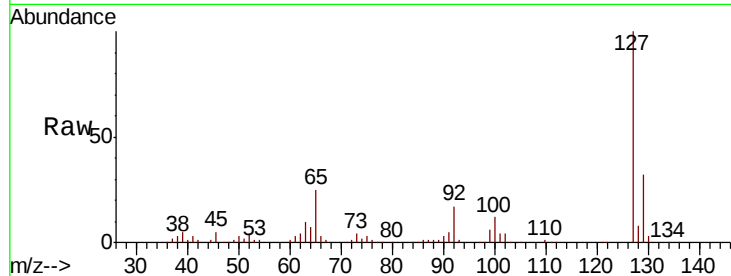




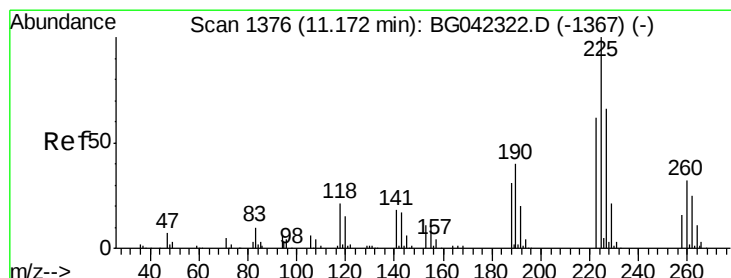
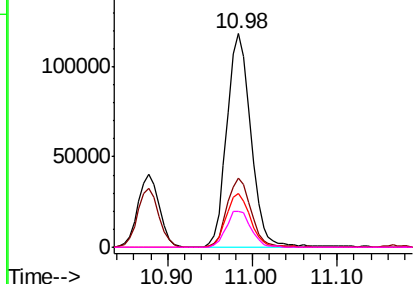
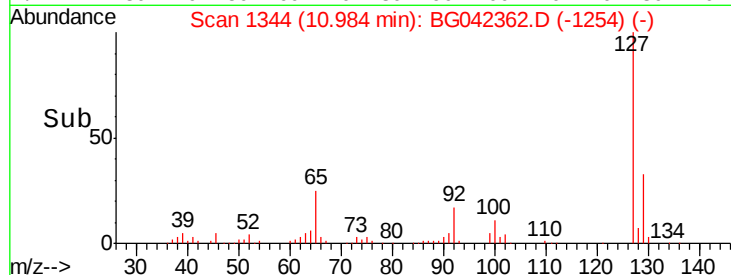
#33
4-Chloroaniline
Concen: 41.074 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	230756
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	25.0	19.8	29.8
92	17.0	14.4	21.6

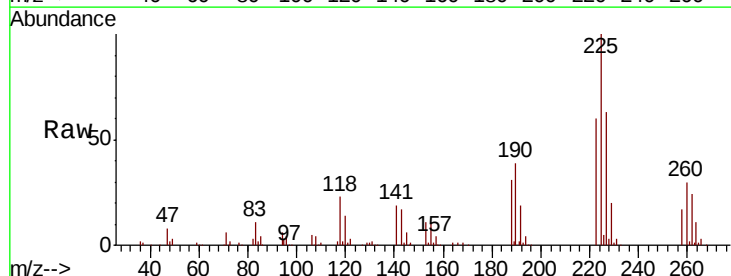


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

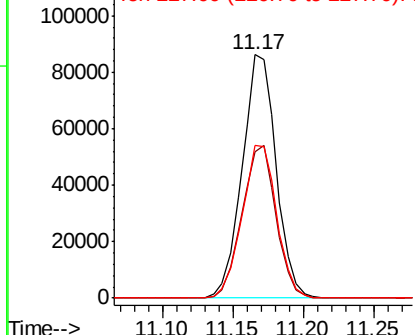
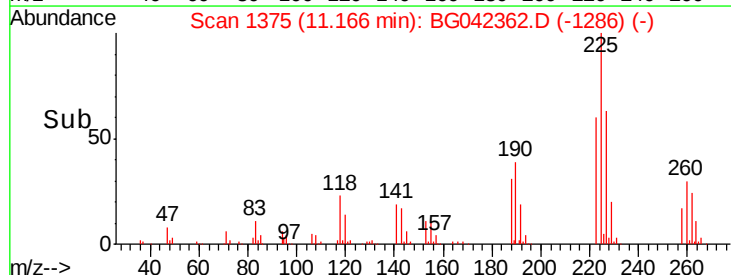


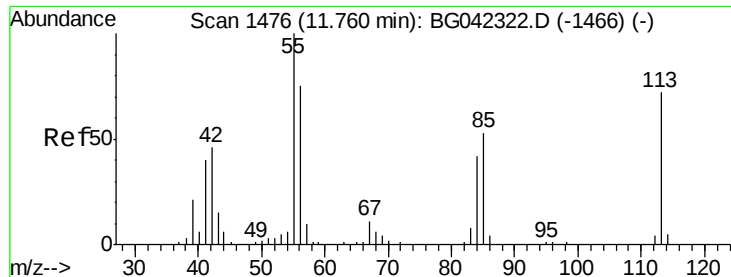
#34
Hexachlorobutadiene
Concen: 40.016 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:	225	Resp:	144770
Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.8	74.8
227	62.6	52.9	79.3



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

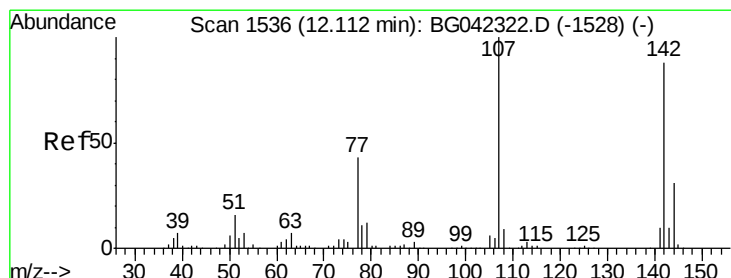
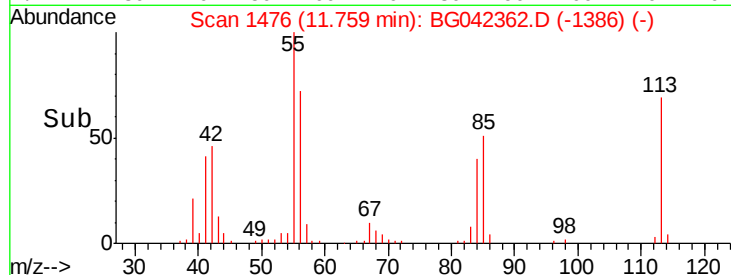
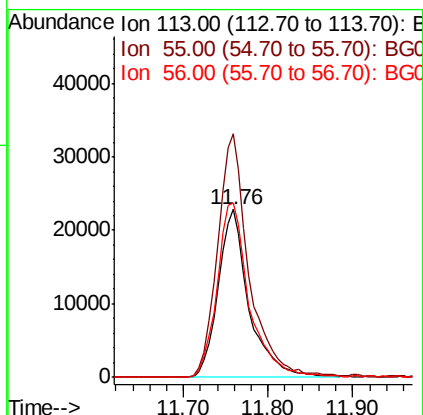
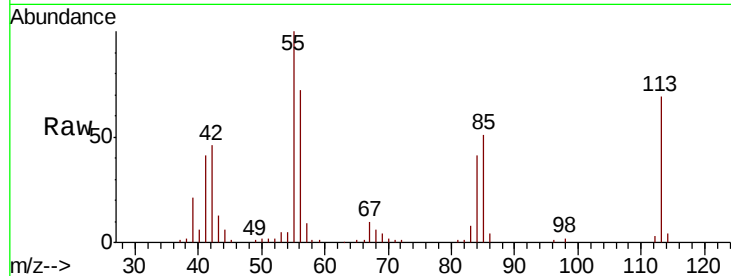




#35
 Caprolactam
 Concen: 41.048 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

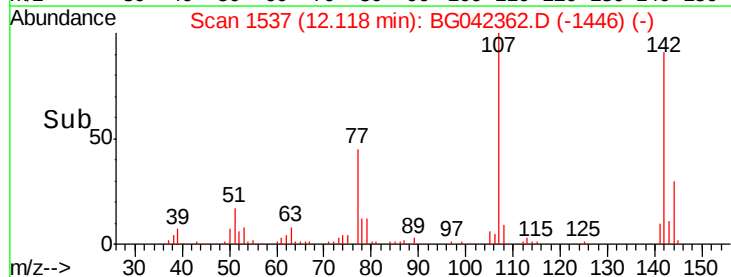
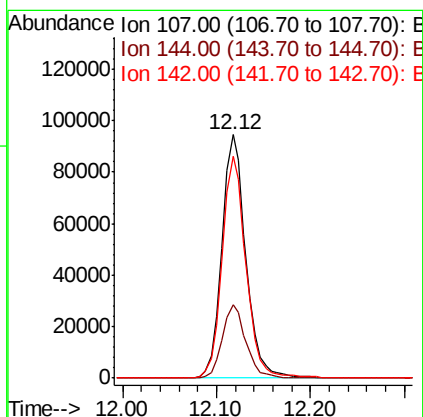
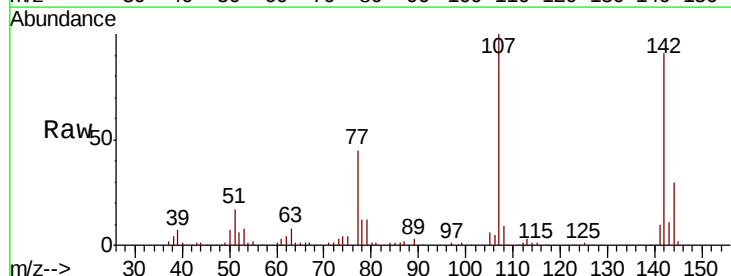
Instrument :
 BNA_F
 ClientSampled :

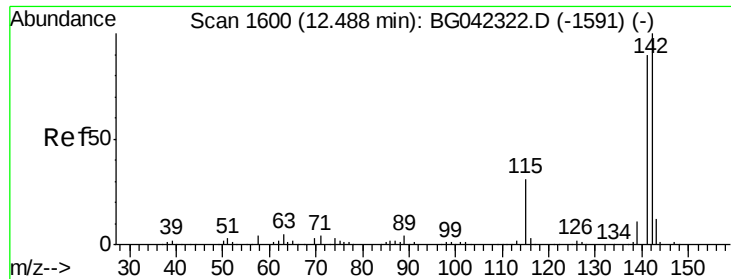
Tot Ion:113 Resp: 57780
 Ion Ratio Lower Upper
 113 100
 55 144.9 119.4 159.4
 56 104.0 83.9 123.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.572 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion:107 Resp: 167485
 Ion Ratio Lower Upper
 107 100
 144 29.9 24.9 37.3
 142 91.1 70.3 105.5

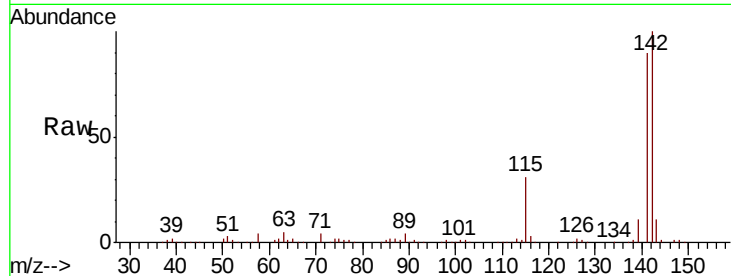




#37
2-Methylnaphthalene
Concen: 40.861 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.1	108.1
115	30.6	24.4	36.6

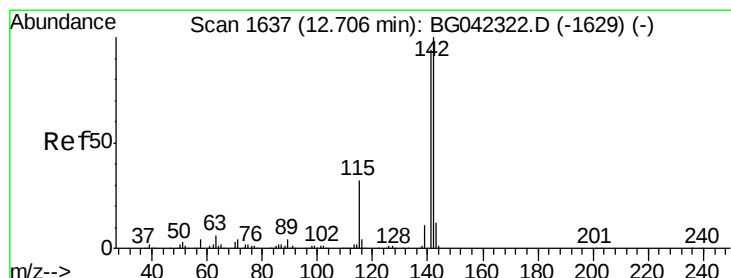
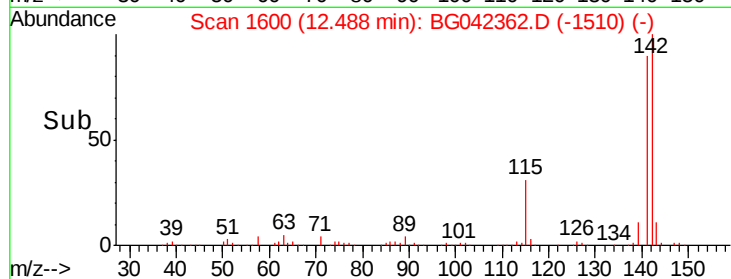
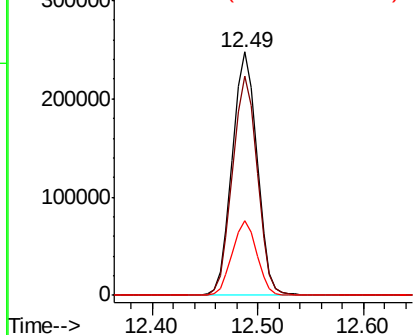


Abundance

Ion 142.00 (141.70 to 142.70): E

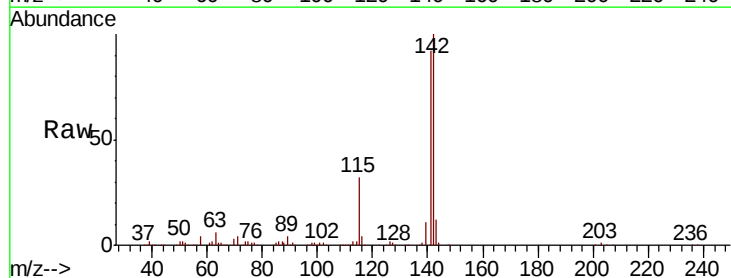
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.729 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.1	112.7
116	3.6	3.0	4.6

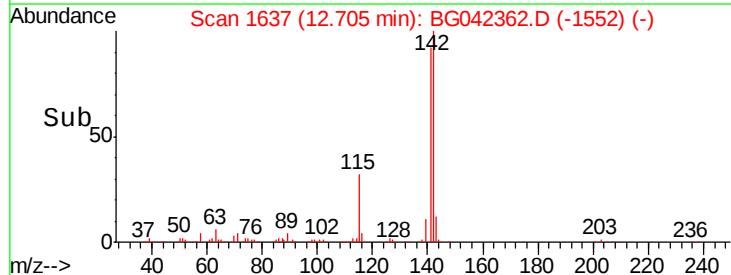
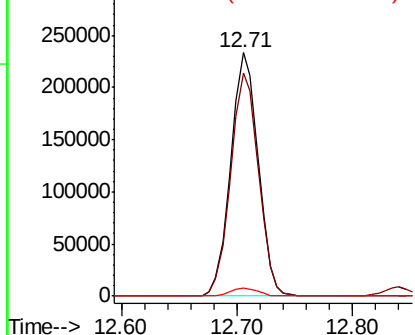


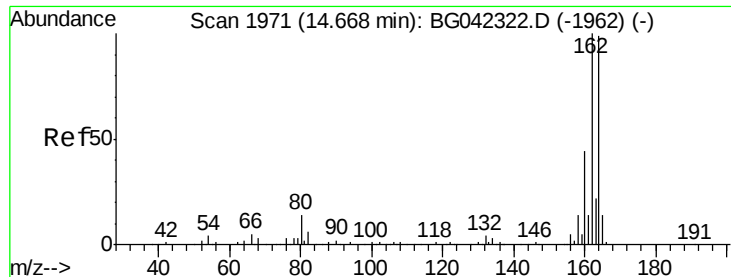
Abundance

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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

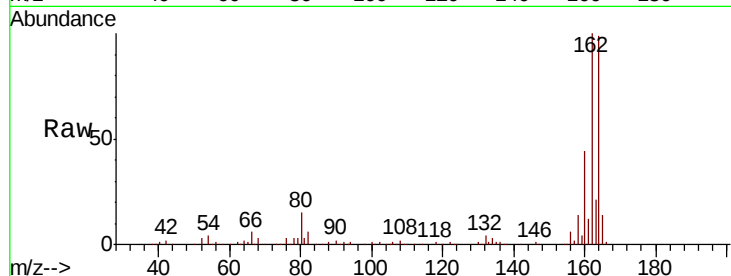
Tot Ion:164 Resp: 191379

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

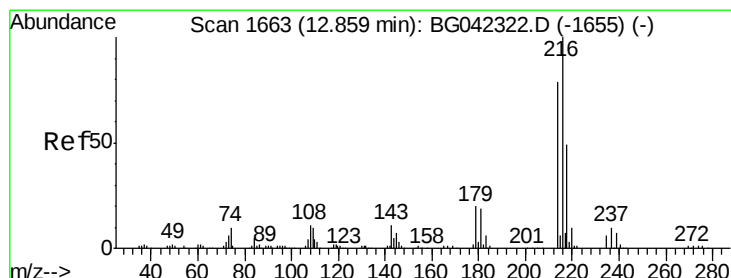
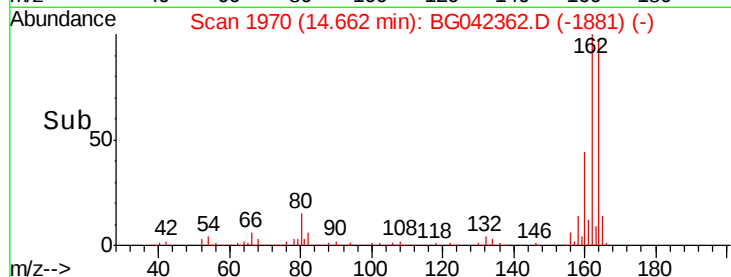
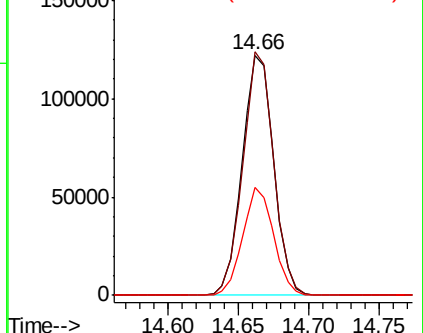
160 44.7 35.7 53.5



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: 40.754 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Tgt Ion:216 Resp: 251401

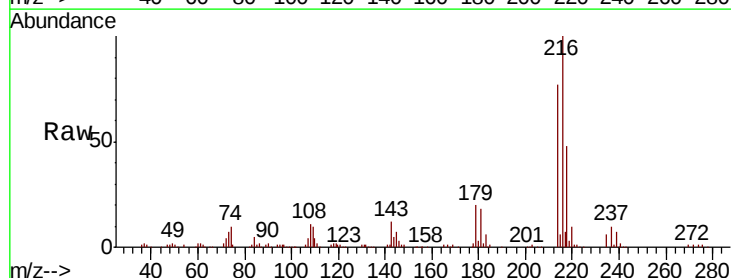
Ion Ratio Lower Upper

216 100

214 77.3 62.2 93.4

179 19.2 15.3 22.9

108 12.3 9.6 14.4

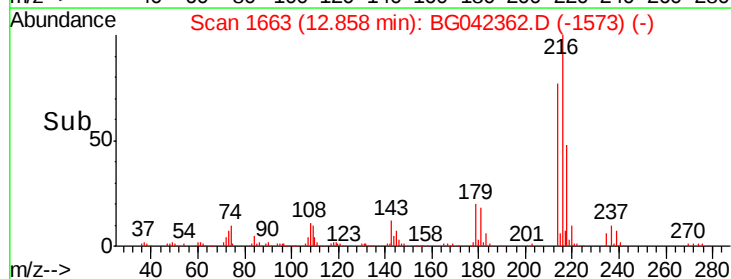
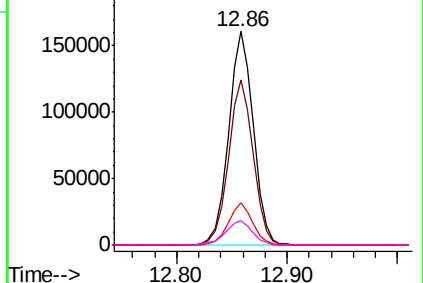


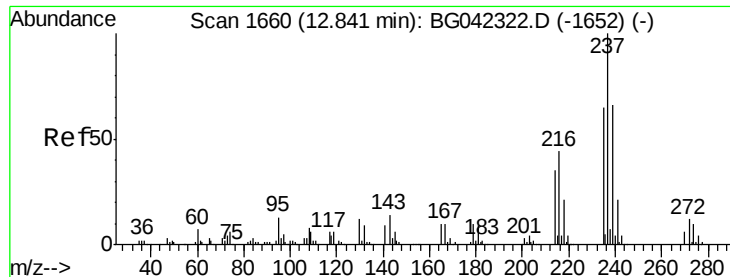
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.427 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

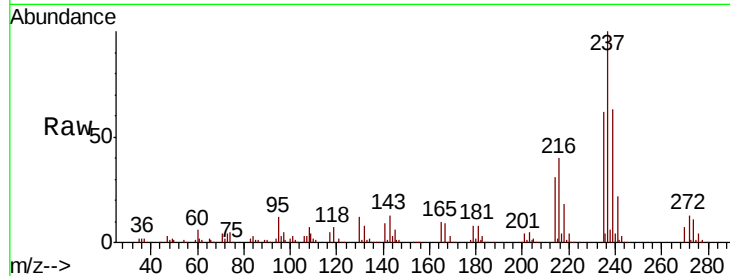
Tot Ion:237 Resp: 143383

Ion Ratio Lower Upper

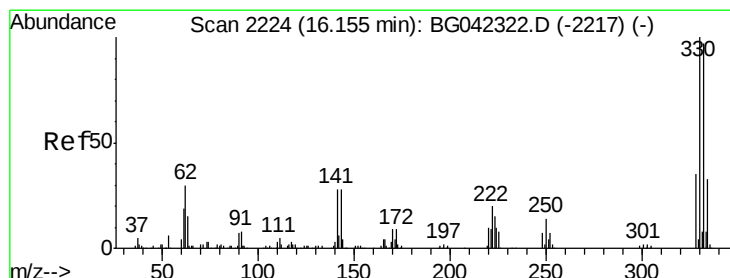
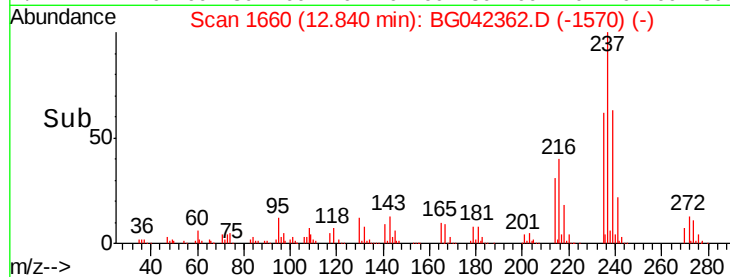
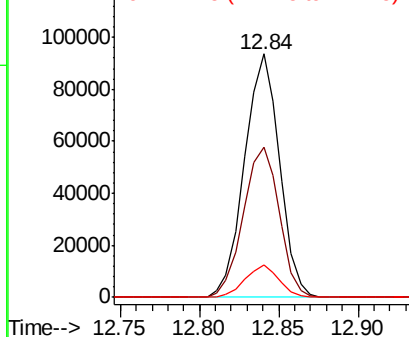
237 100

235 61.8 45.1 85.1

272 13.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.056 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

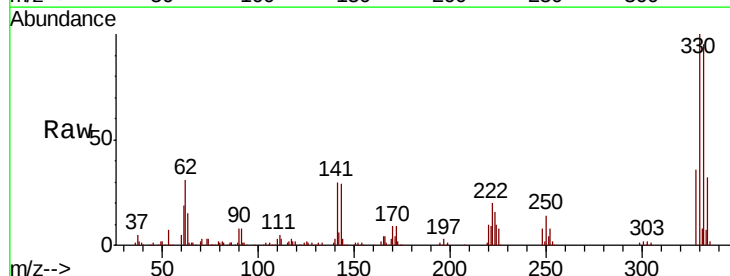
Tgt Ion:330 Resp: 203455

Ion Ratio Lower Upper

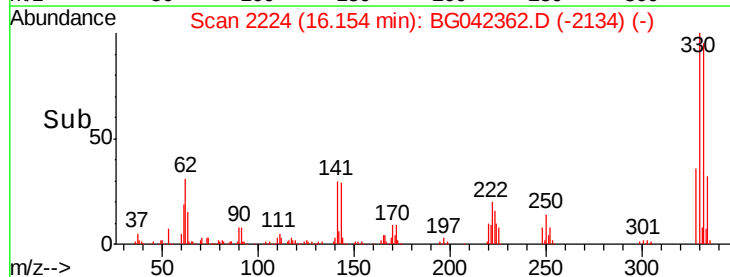
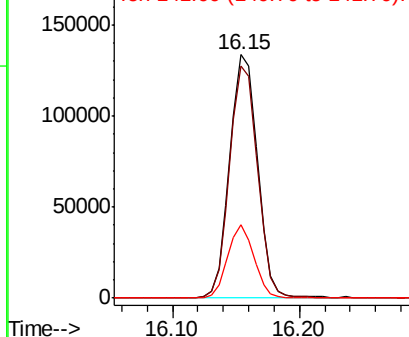
330 100

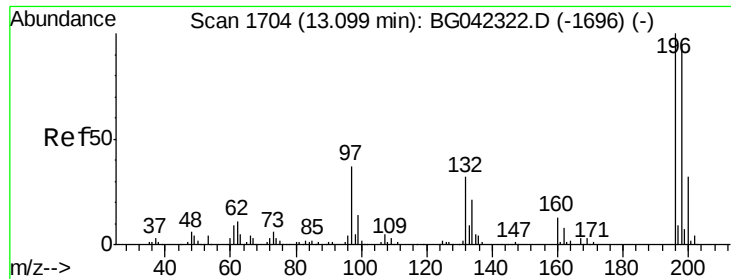
332 96.0 76.9 115.3

141 28.5 21.8 32.6



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

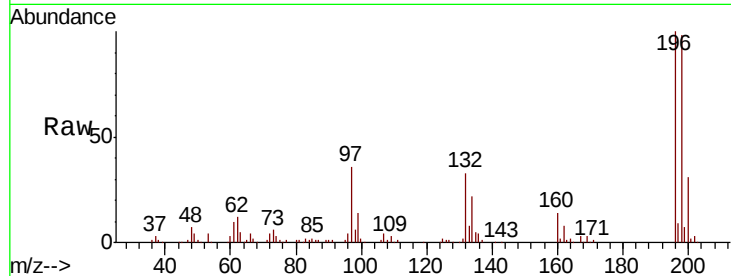




#43
 2,4,6-Trichlorophenol
 Concen: 41.769 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	172455
Ion Ratio	Lower	Upper	
196	100		
198	97.9	75.9	113.9
200	30.9	25.5	38.3

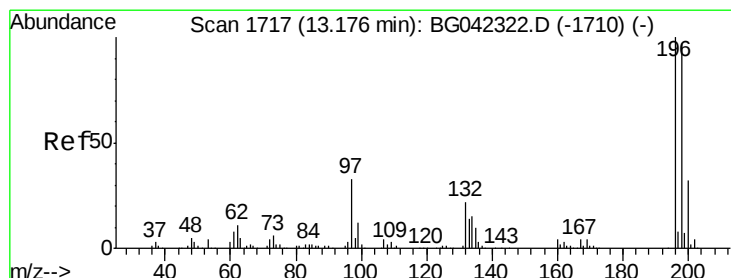
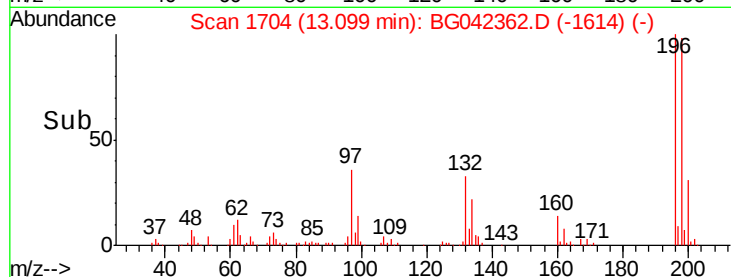
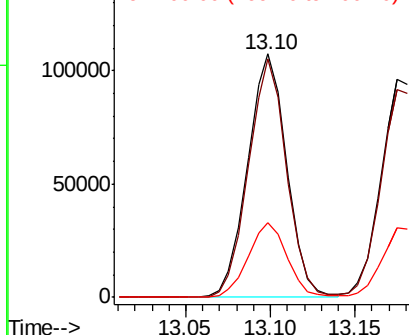


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.358 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion	196	Resp	175873
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.4	116.2
97	34.4	26.5	39.7
132	21.8	17.5	26.3

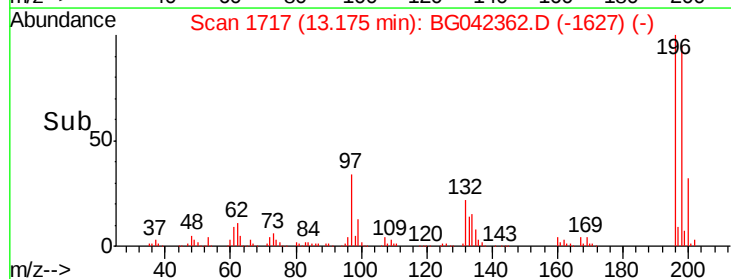
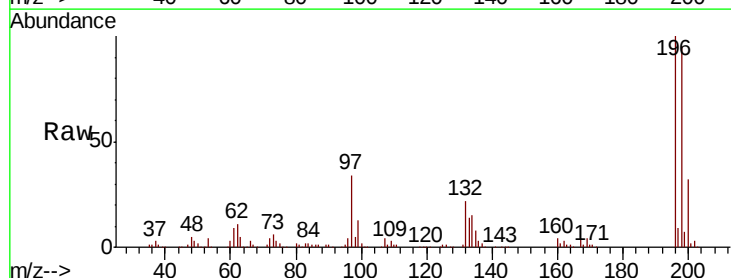
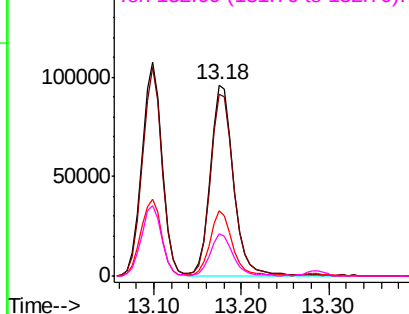
Abundance

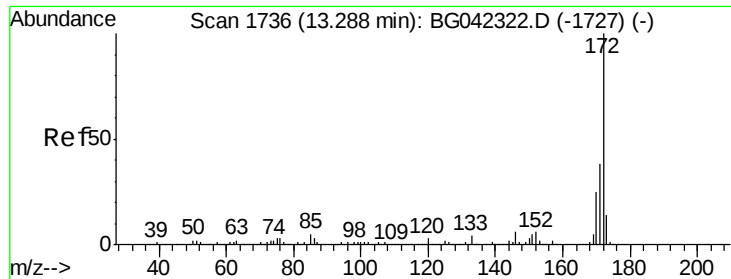
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

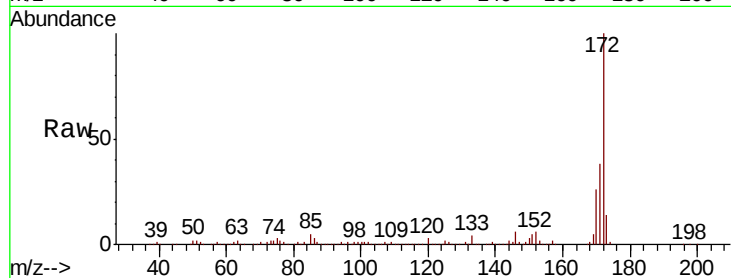




#45
 2-Fluorobiphenyl
 Concen: 83.649 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.3	45.5
170	25.8	20.0	30.0

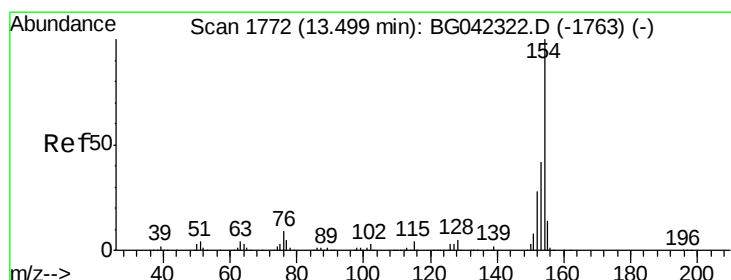
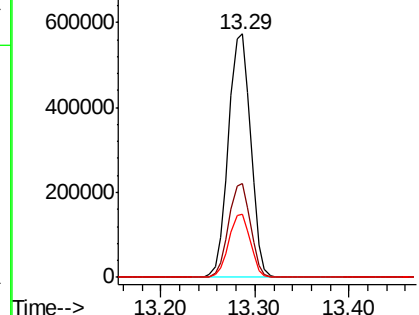
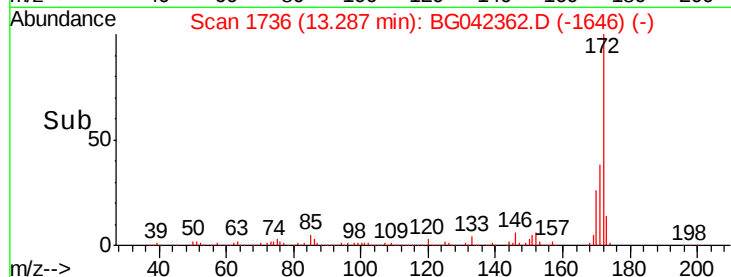


Abundance

Ion 172.00 (171.70 to 172.70): E

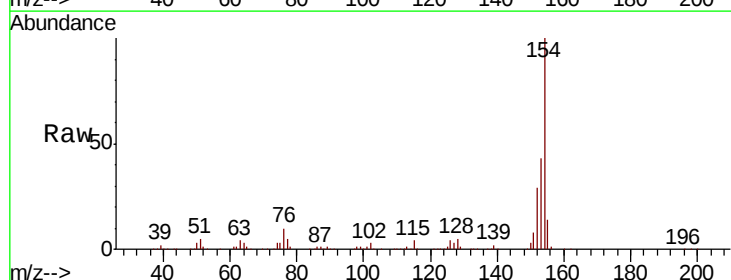
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 41.519 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	9.7	0.0	29.3

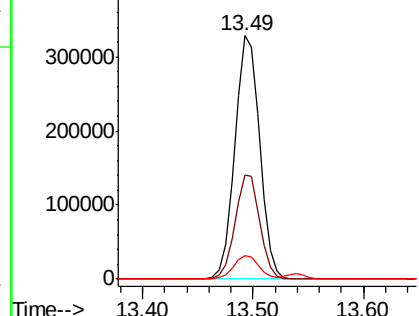
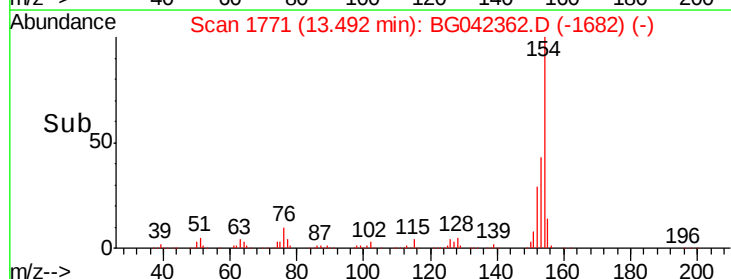


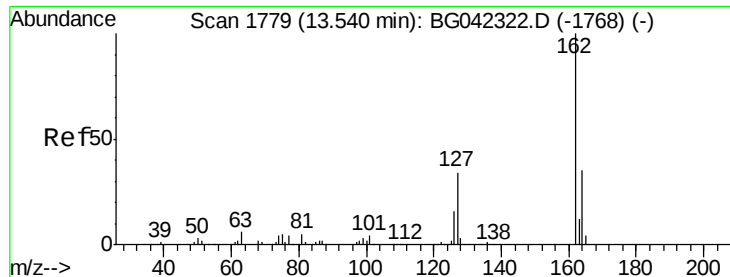
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

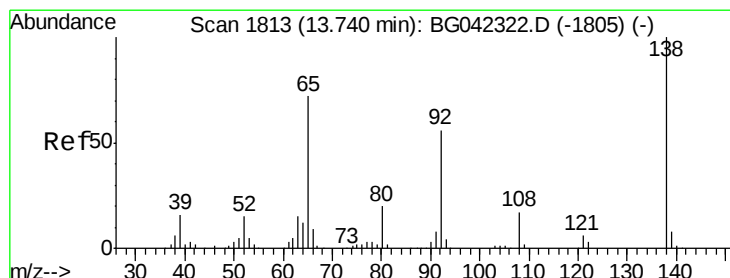
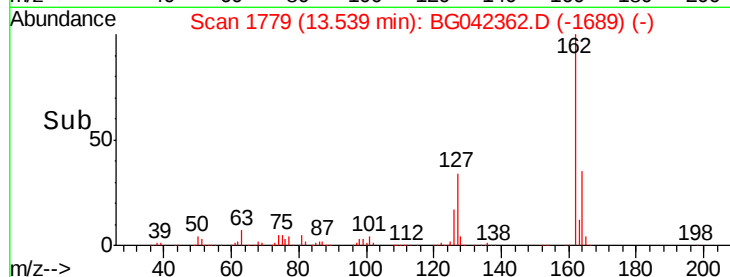
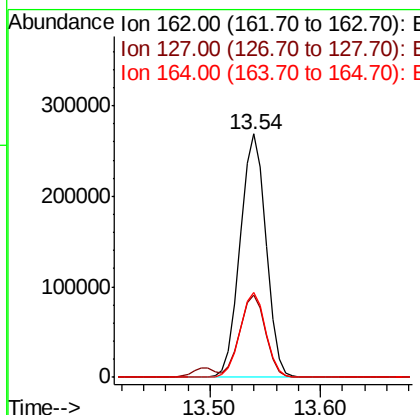
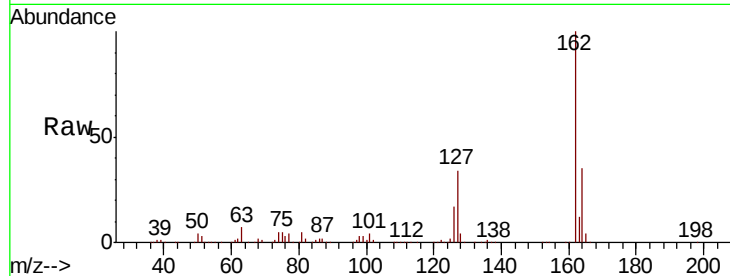




#47
 2-Chloronaphthalene
 Concen: 41.696 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

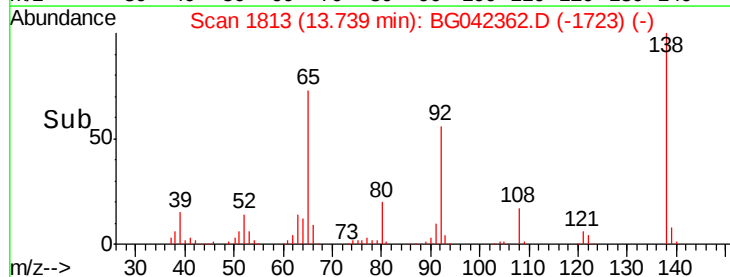
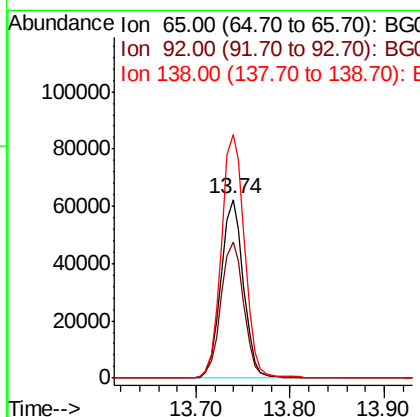
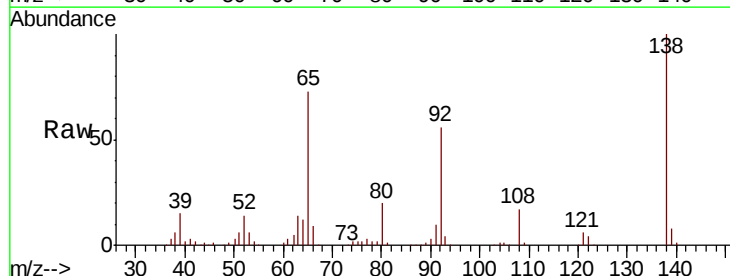
Instrument :
 BNA_F
 ClientSampleId :

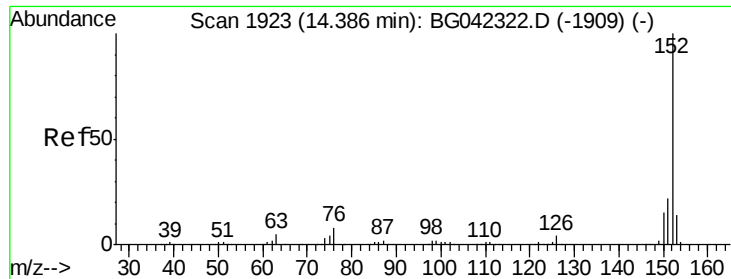
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	27.2	40.8
164	34.8	27.8	41.8



#48
 2-Nitroaniline
 Concen: 41.632 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	62.6	94.0
138	136.1	111.5	167.3





#49

Acenaphthylene

Concen: 41.372 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

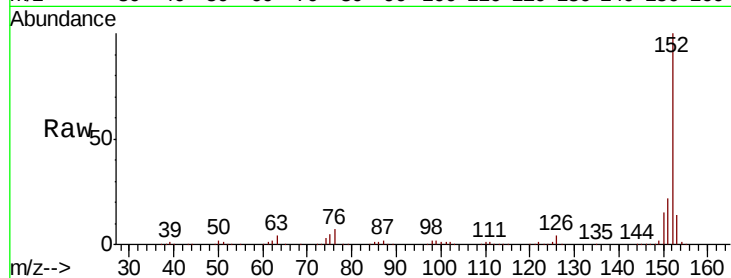
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 662025

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.3	25.9
153	13.9	11.5	17.3

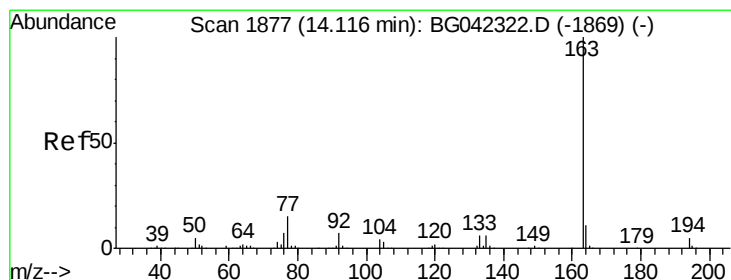
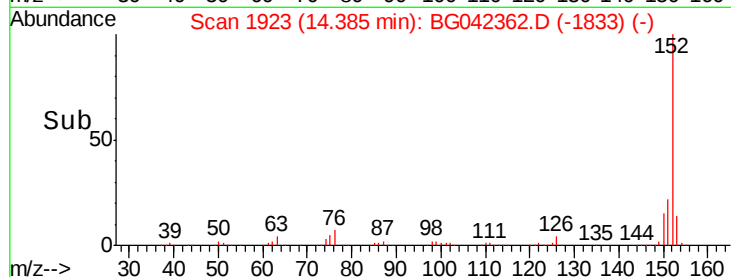
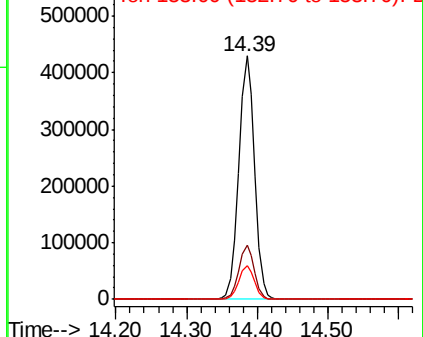


Abundance

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: 41.099 ng

RT: 14.12 min Scan# 1877

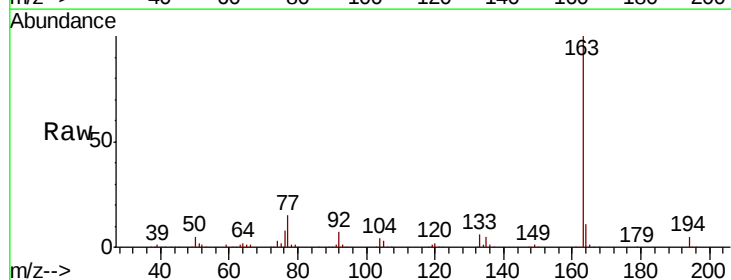
Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Tgt Ion:163 Resp: 558896

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	11.0	8.8	13.2

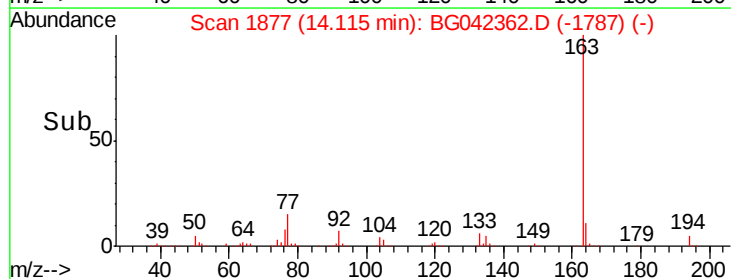
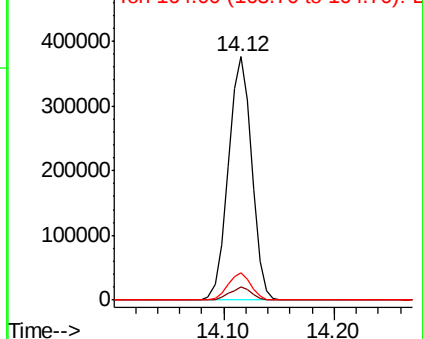


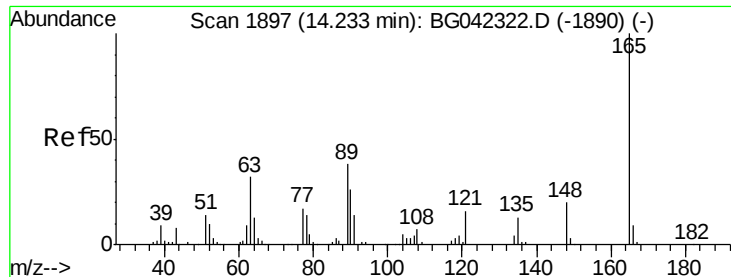
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

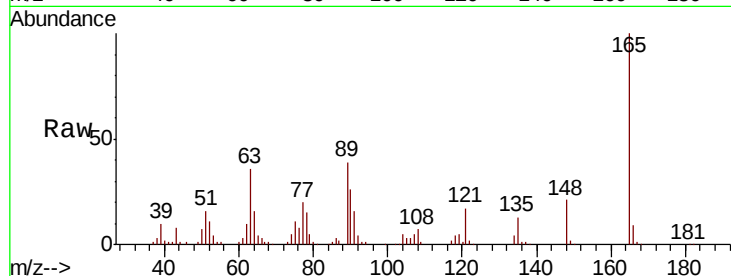




#51
 2,6-Dinitrotoluene
 Concen: 40.275 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.4	28.2	42.2
89	38.7	30.0	45.0

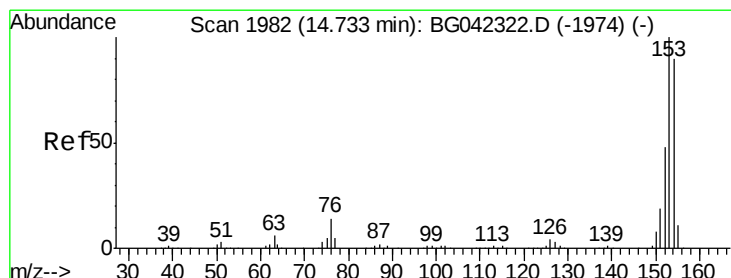
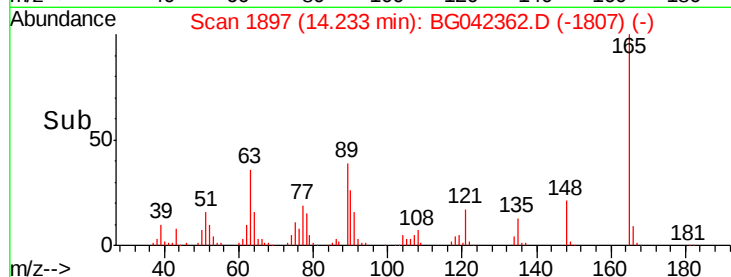
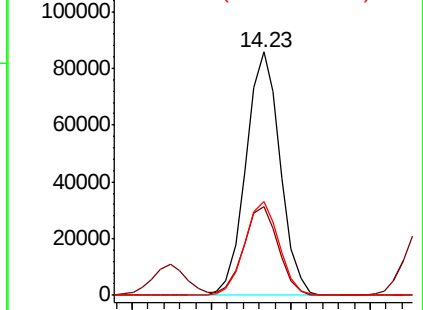


Abundance

Ion 165.00 (164.70 to 165.70): E

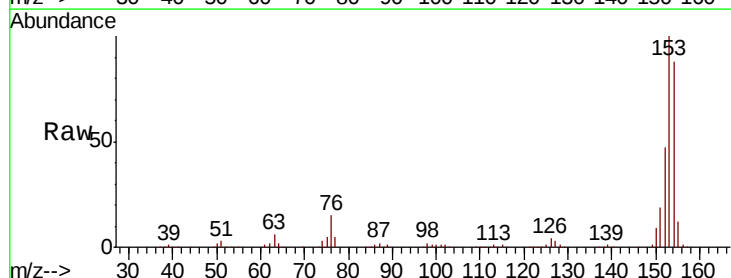
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 40.935 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.4	134.0
152	53.1	43.1	64.7

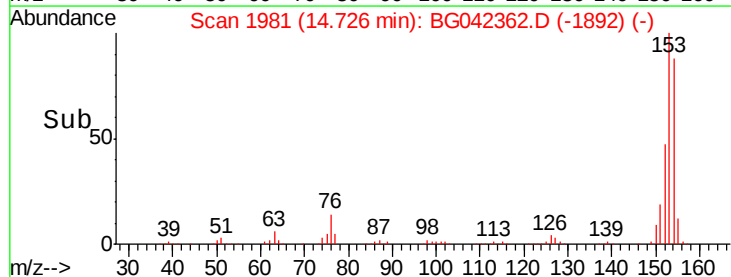
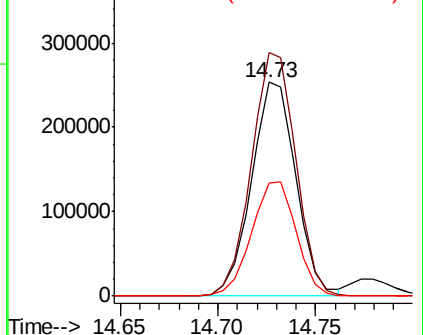


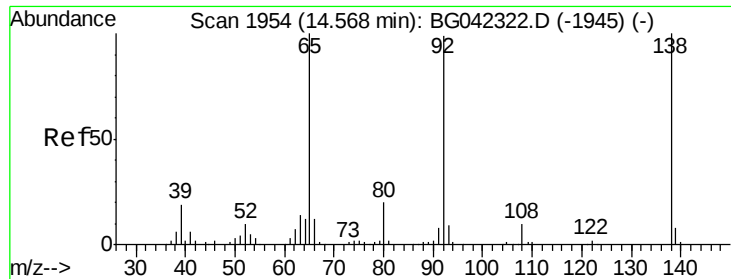
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

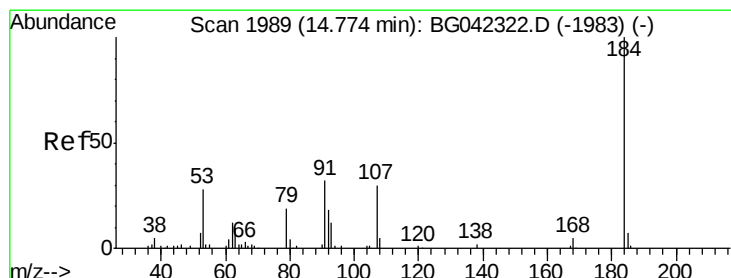
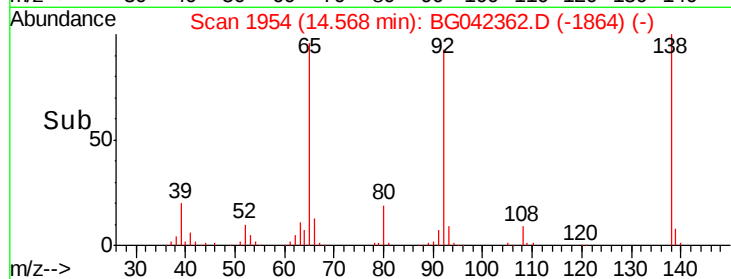
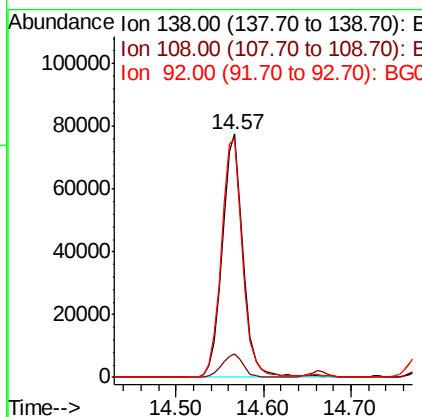
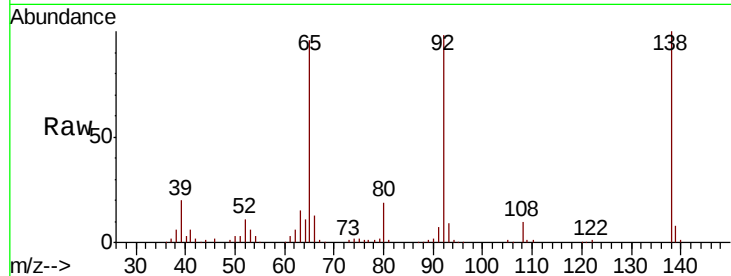




#53
3-Nitroaniline
Concen: 40.723 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

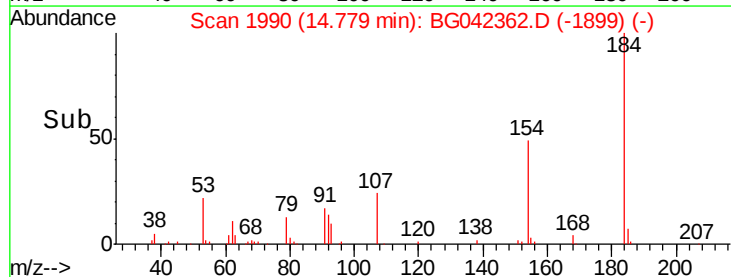
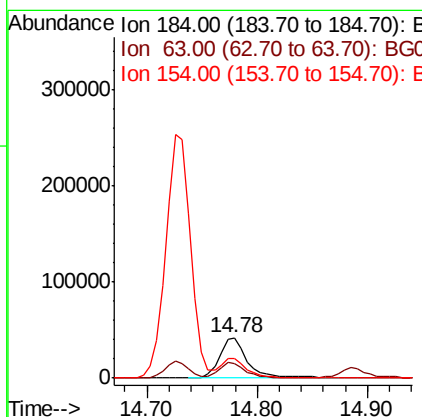
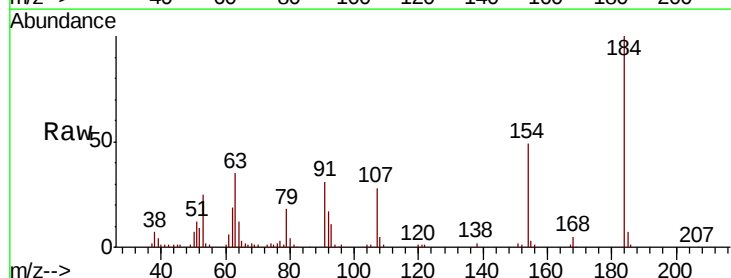
Instrument :
BNA_F
ClientSampleId :

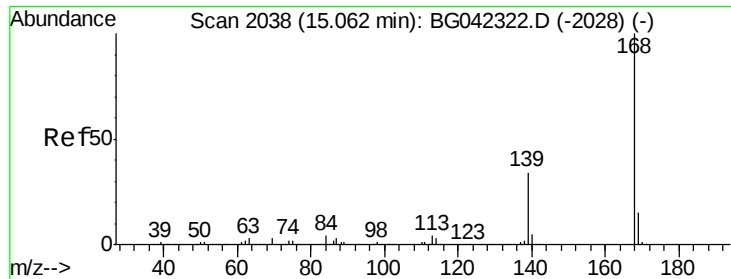
Tot Ion:138 Resp: 127442
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 97.8 79.8 119.8



#54
2,4-Dinitrophenol
Concen: 39.652 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:184 Resp: 74216
Ion Ratio Lower Upper
184 100
63 35.5 30.2 45.4
154 48.7 39.7 59.5

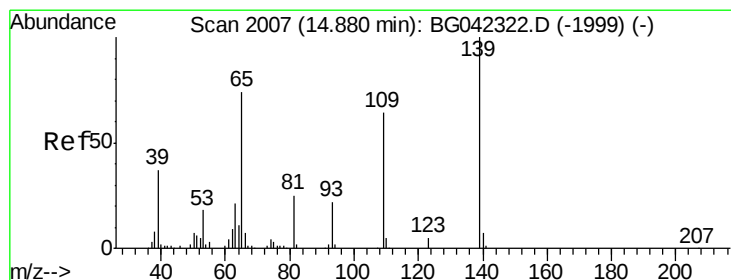
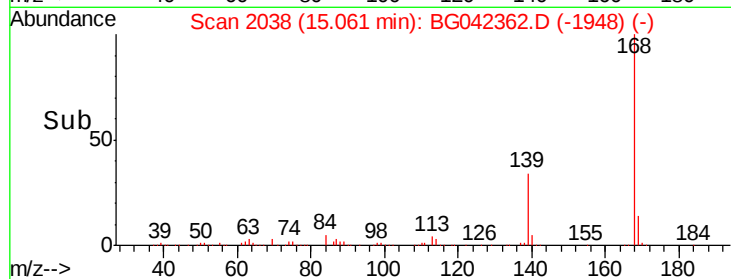
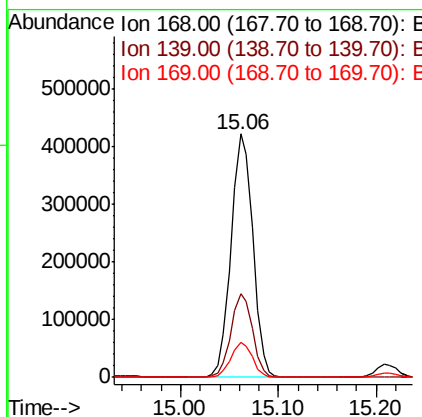
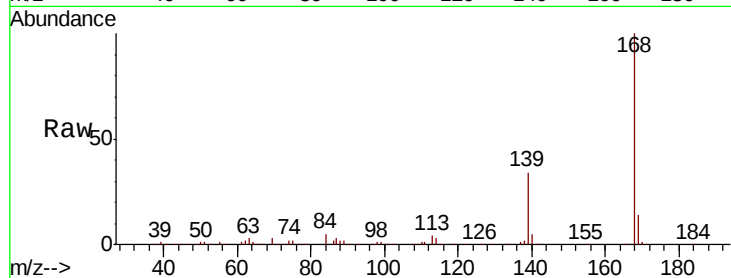




#55
Dibenzenofuran
Concen: 41.237 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

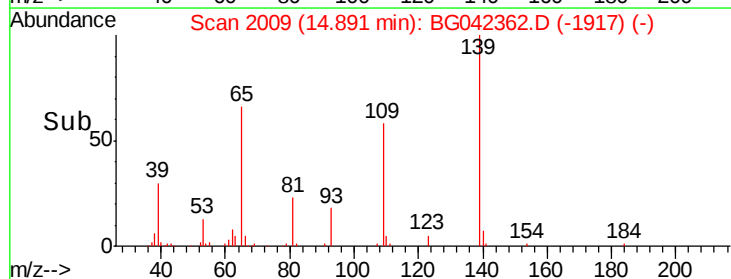
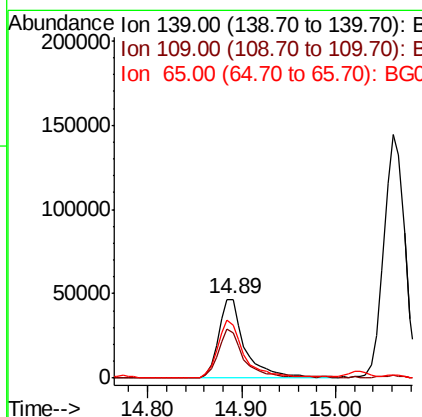
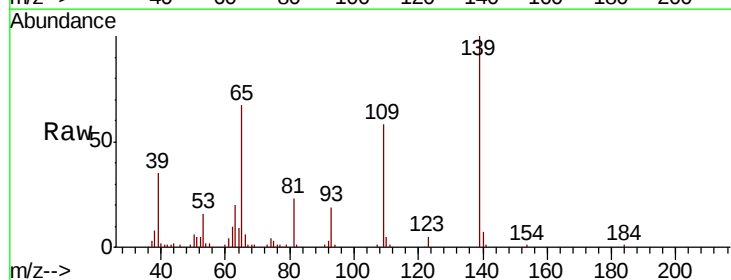
Instrument :
BNA_F
ClientSampleId :

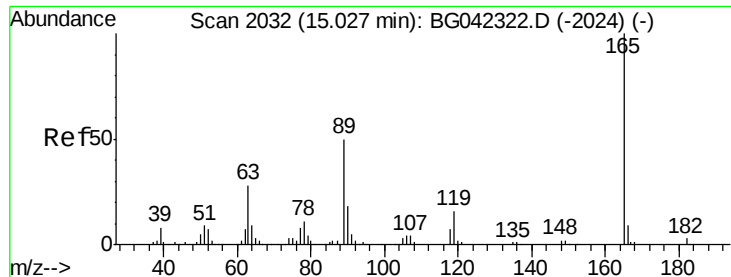
Tot Ion:168 Resp: 655684
Ion Ratio Lower Upper
168 100
139 34.2 27.6 41.4
169 14.5 11.7 17.5



#56
4-Nitrophenol
Concen: 40.853 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:139 Resp: 92234
Ion Ratio Lower Upper
139 100
109 58.0 44.0 84.0
65 67.0 54.5 94.5

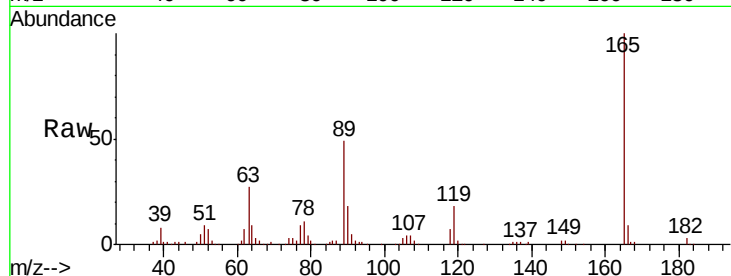




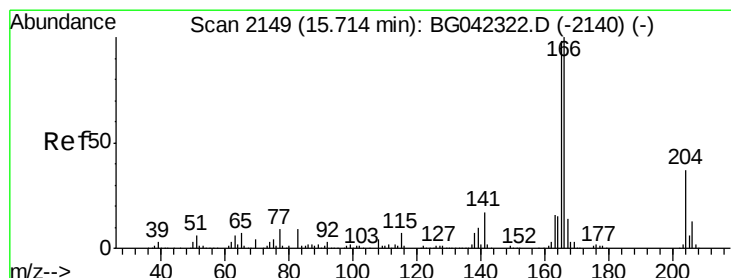
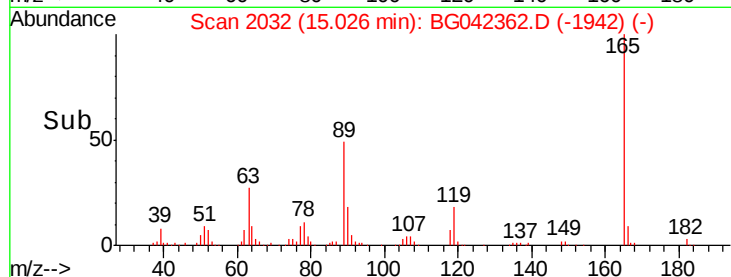
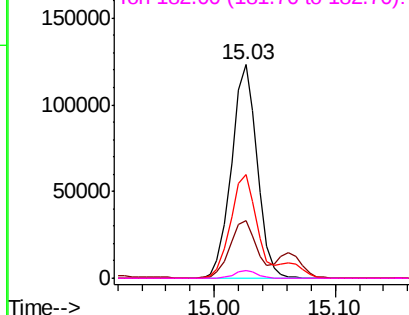
#57
 2,4-Dinitrotoluene
 Concen: 40.851 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	181783
Ion Ratio	Lower	Upper
165	100	
63	27.0	22.4 33.6
89	48.7	40.2 60.2
182	3.4	2.6 3.8

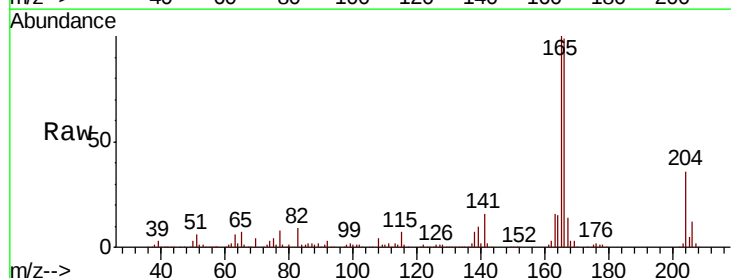


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

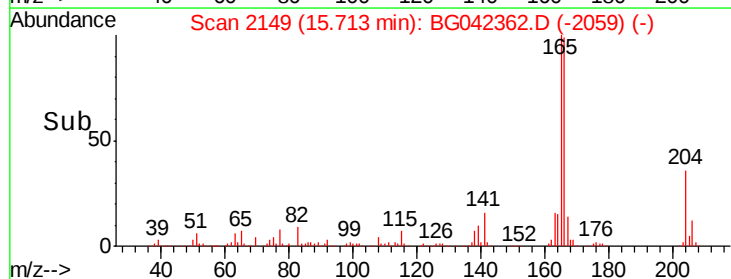
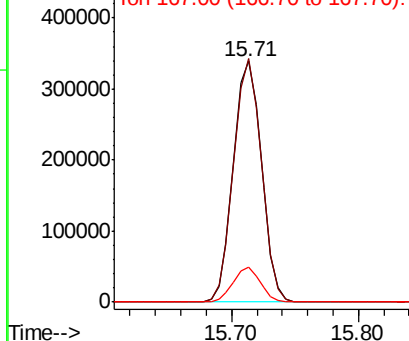


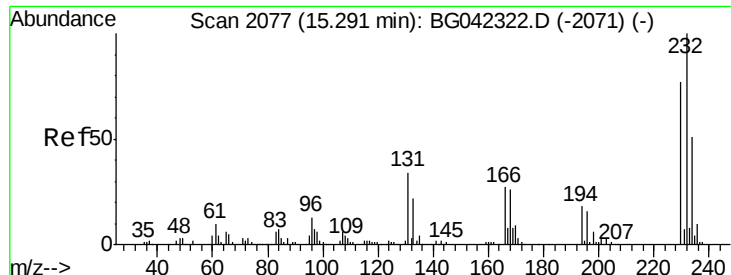
#58
 Fluorene
 Concen: 40.434 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion:166	Resp:	523003
Ion Ratio	Lower	Upper
166	100	
165	101.0	78.7 118.1
167	14.4	11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

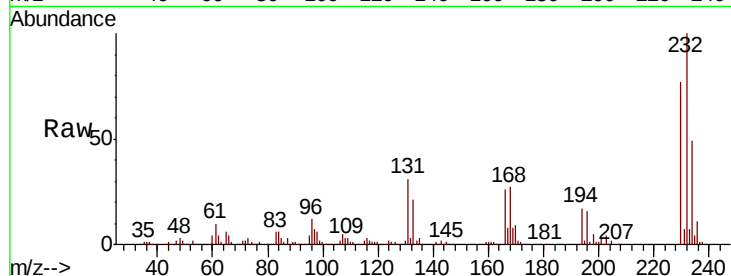




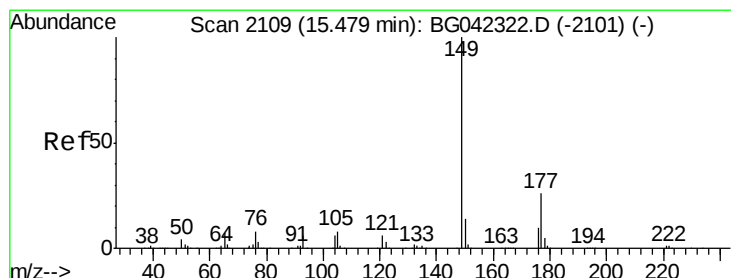
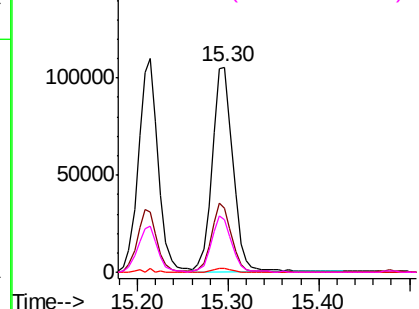
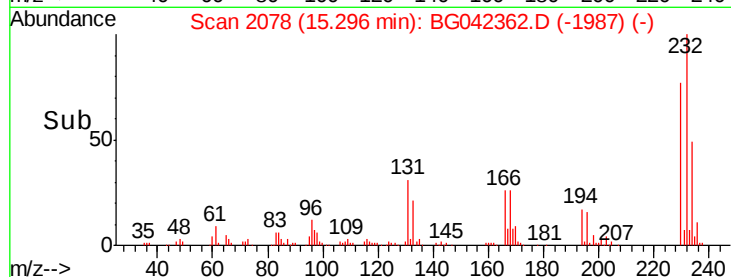
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.738 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	168247
Ion	Ratio	Lower	Upper
232	100		
131	31.9	27.0	40.6
130	1.8	1.4	2.0
166	26.4	21.3	31.9

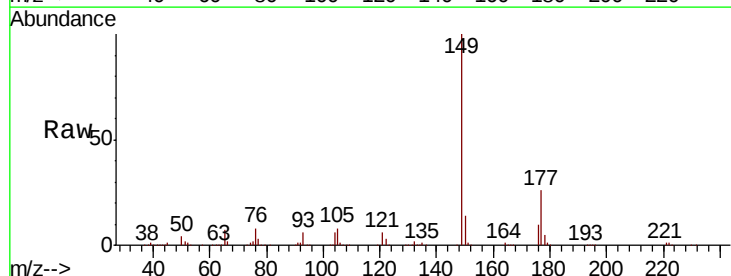


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

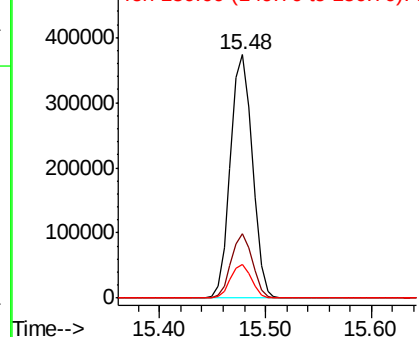
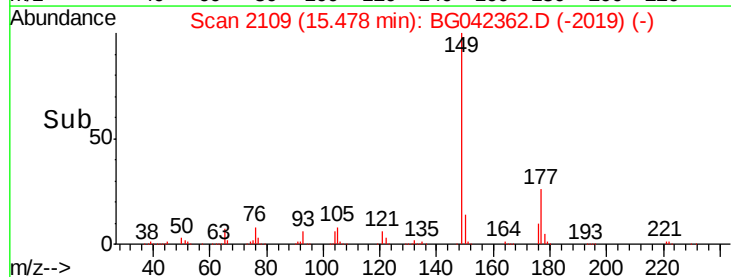


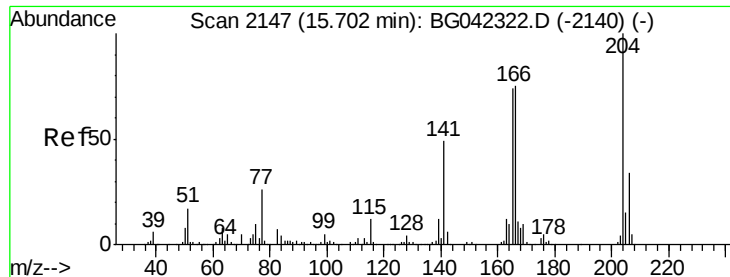
#60
 Diethylphthalate
 Concen: 40.816 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion:	149	Resp:	537003
Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.7	31.1
150	13.6	11.0	16.4



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

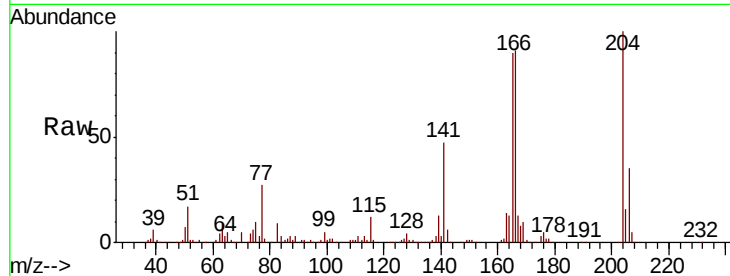




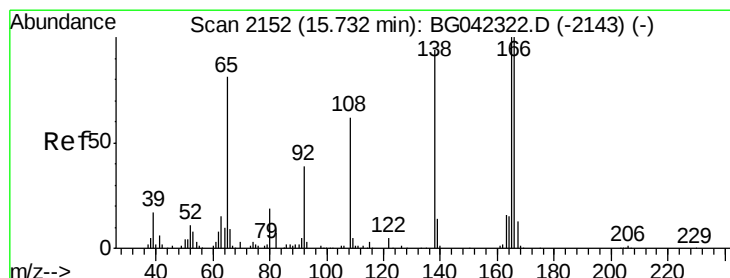
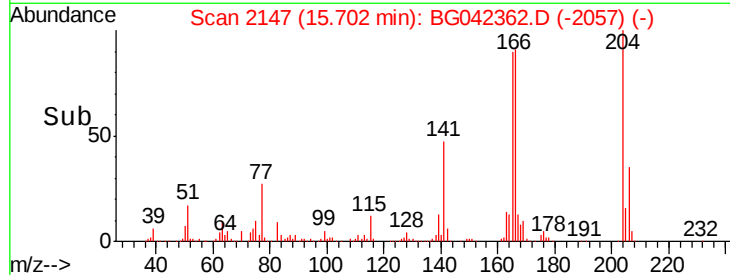
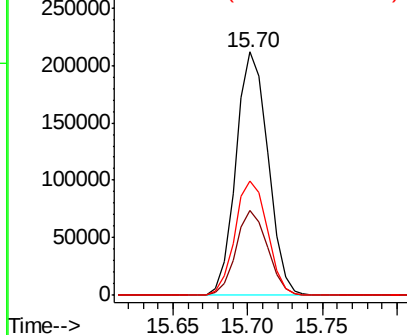
#61
 4-Chlorophenyl-phenylether
 Concen: 40.665 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 315861
 Ion Ratio Lower Upper
 204 100
 206 35.1 27.5 41.3
 141 47.0 38.8 58.2

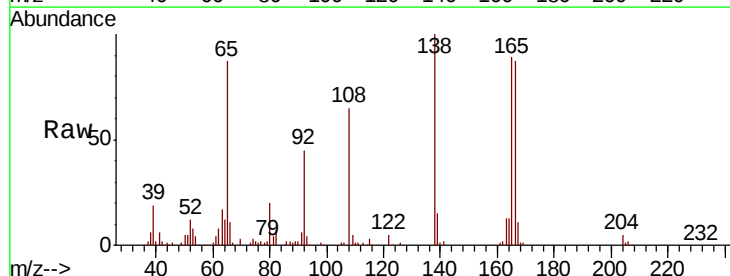


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

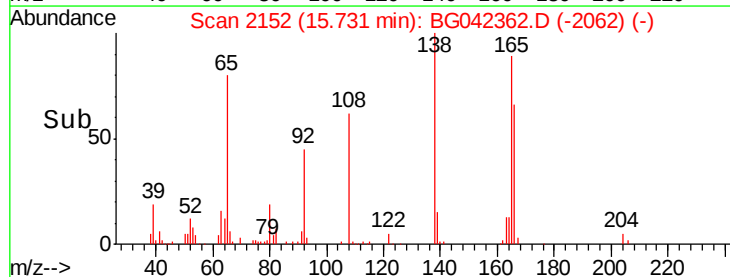
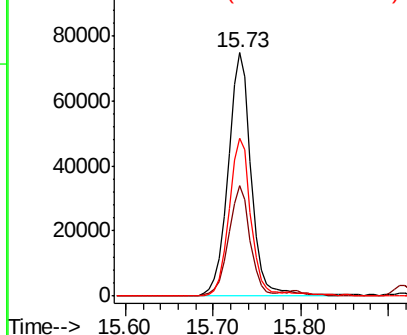


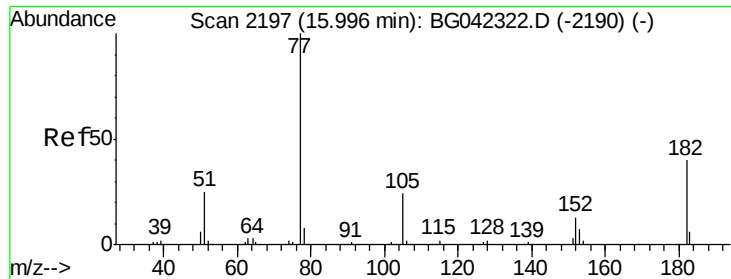
#62
 4-Nitroaniline
 Concen: 40.637 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion:138 Resp: 134389
 Ion Ratio Lower Upper
 138 100
 92 45.5 21.5 61.5
 108 64.7 45.7 85.7



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

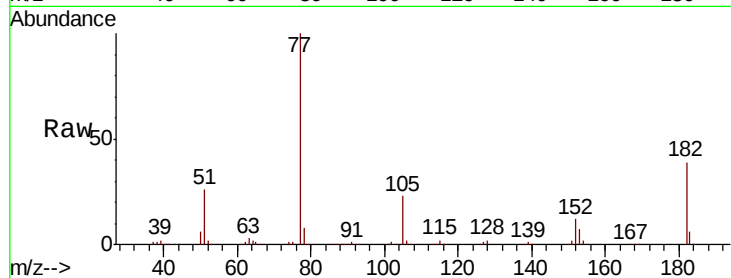




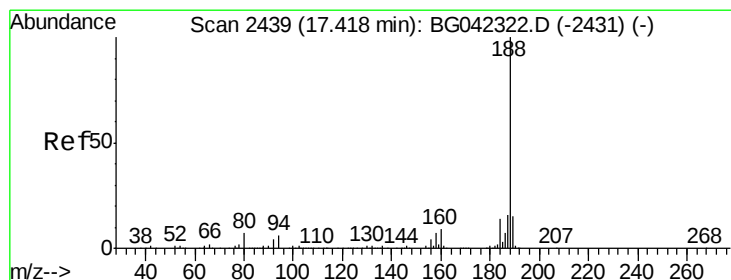
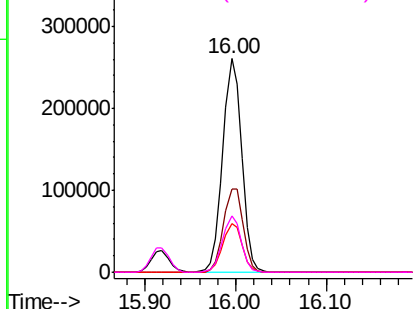
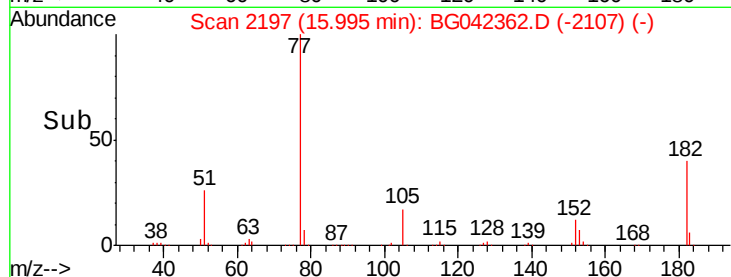
#63
Azobenzene
Concen: 41.129 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 377089
Ion Ratio Lower Upper
77 100
182 38.9 19.7 59.7
105 22.6 3.5 43.5
51 26.3 5.4 45.4

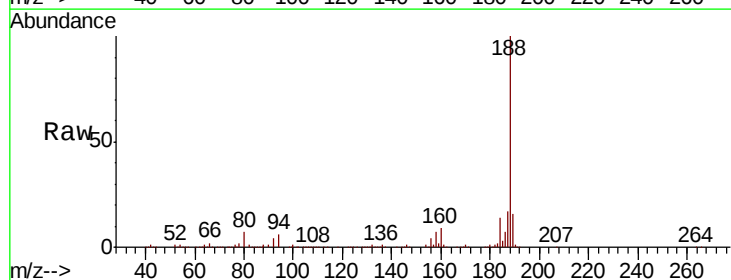


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

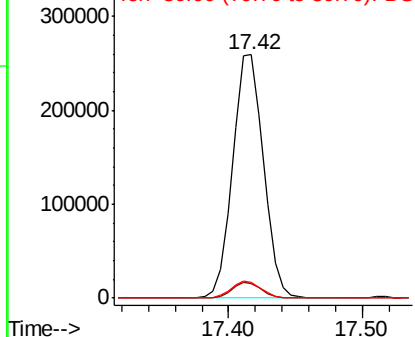
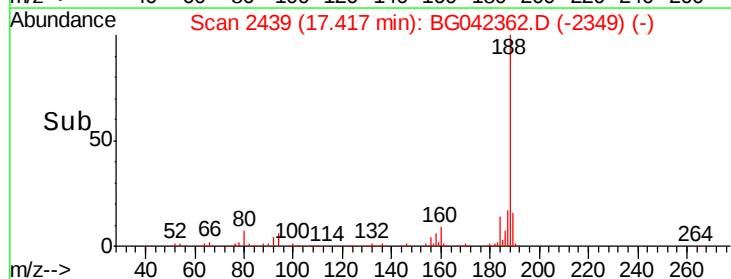


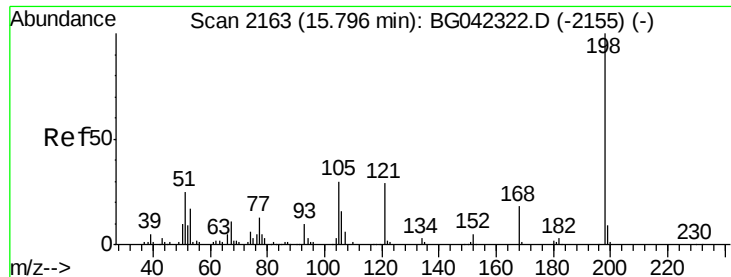
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion: 188 Resp: 416165
Ion Ratio Lower Upper
188 100
94 6.0 4.9 7.3
80 6.7 5.4 8.0



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

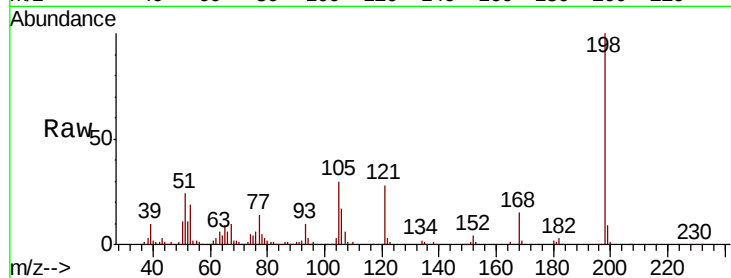




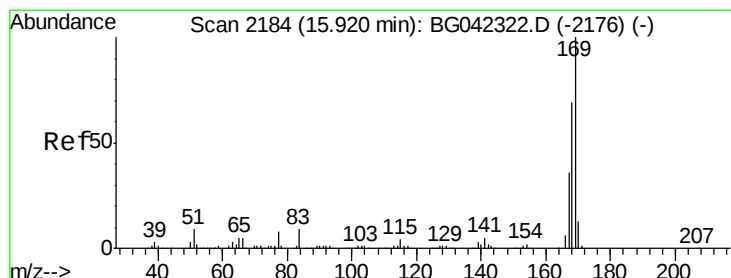
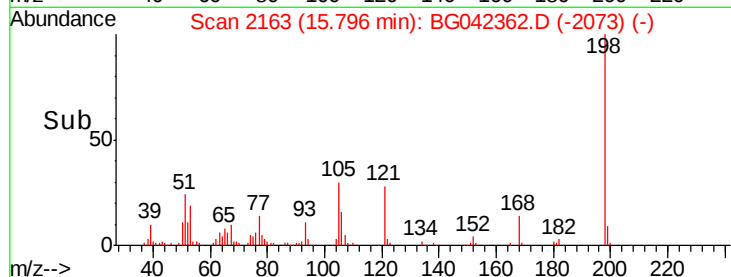
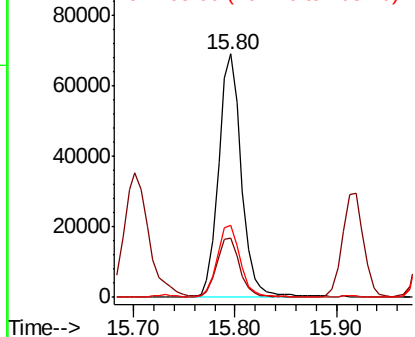
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.586 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	24.1	6.4	46.4
105	29.8	10.0	50.0

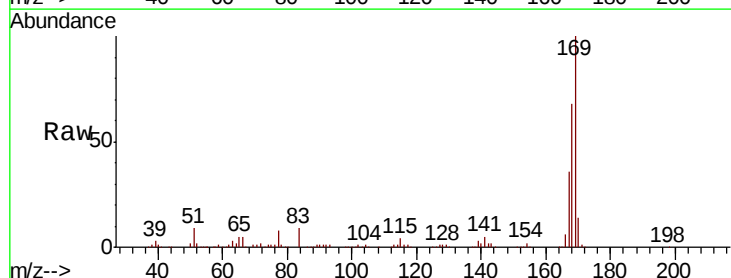


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

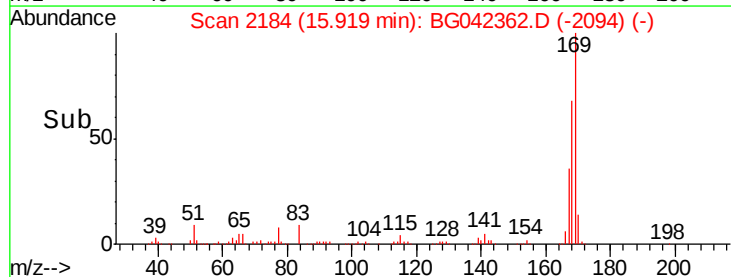
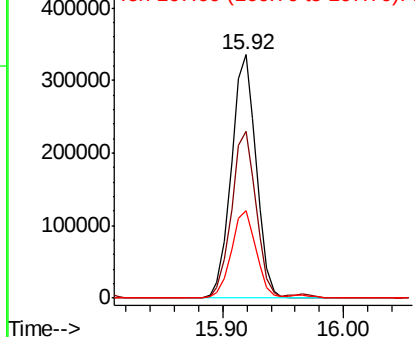


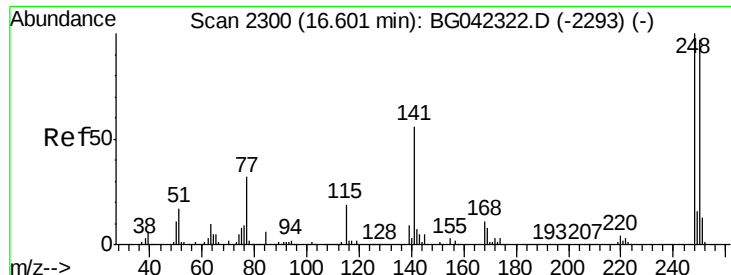
#66
 n-Nitrosodiphenylamine
 Concen: 41.316 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.5	83.3
167	36.0	28.9	43.3



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

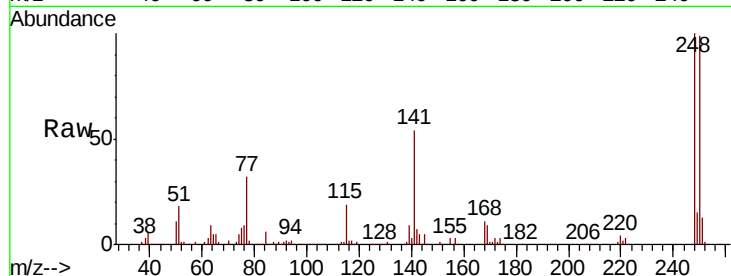




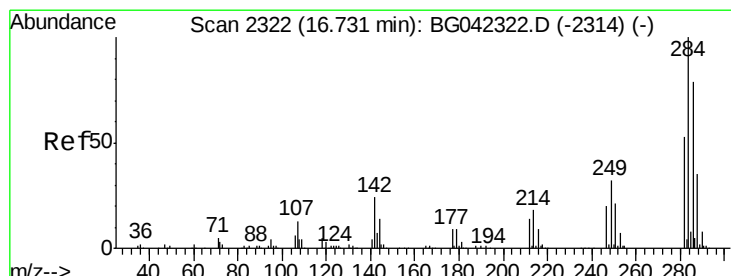
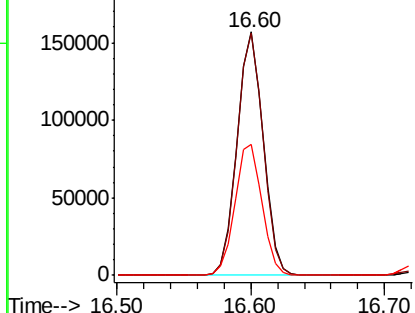
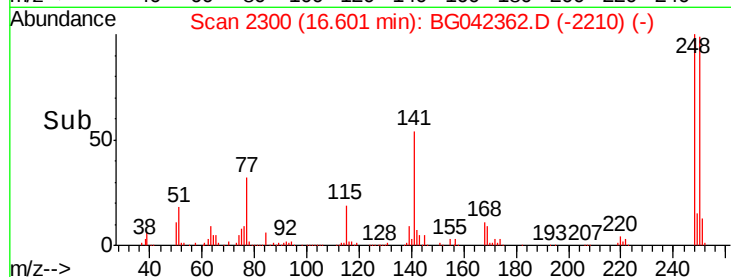
#67
4-Bromophenyl-phenylether
Concen: 40.415 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 214039
Ion Ratio Lower Upper
248 100
250 99.3 78.0 117.0
141 53.9 44.9 67.3

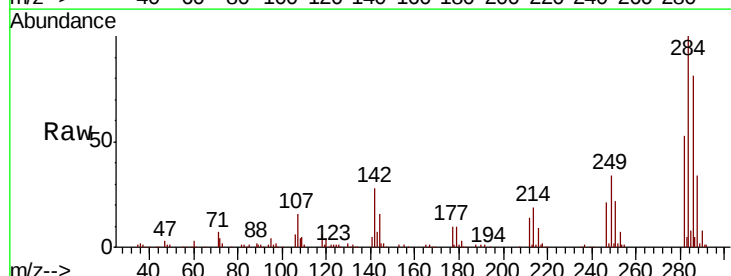


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

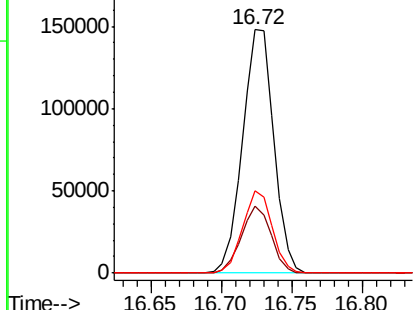
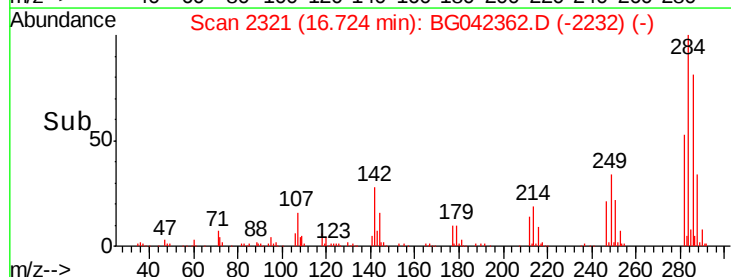


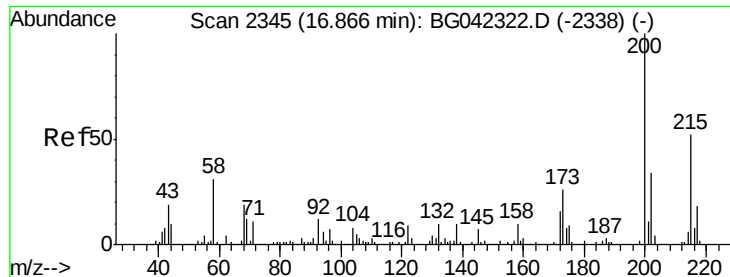
#68
Hexachlorobenzene
Concen: 40.440 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:284 Resp: 229417
Ion Ratio Lower Upper
284 100
142 27.7 19.0 28.4
249 33.9 25.9 38.9



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





#69

Atrazine

Concen: 39.029 ng

RT: 16.86 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampled :

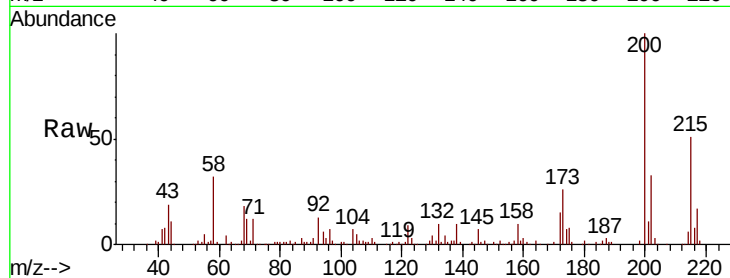
Tot Ion:200 Resp: 155790

Ion Ratio Lower Upper

200 100

173 25.9 6.0 46.0

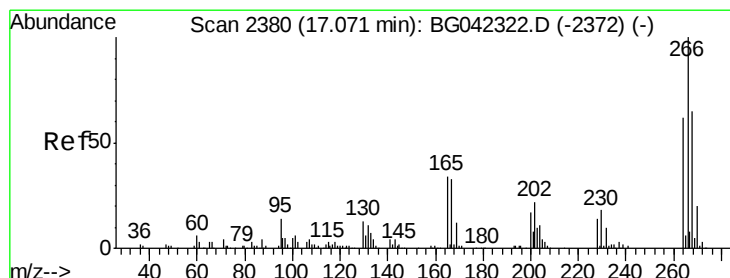
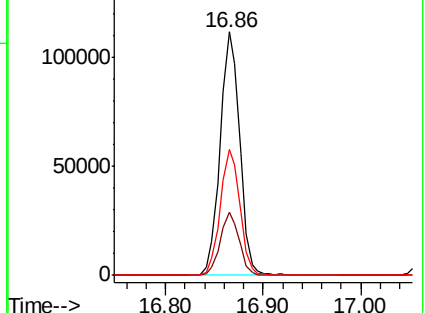
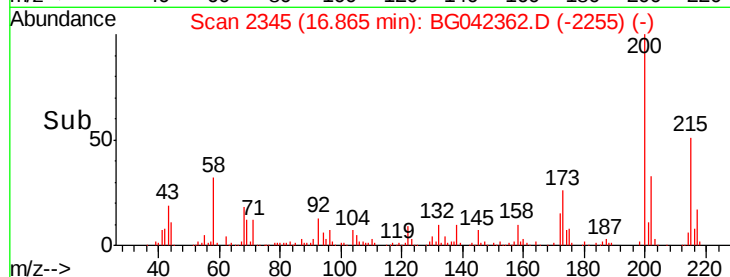
215 51.4 32.4 72.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.016 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

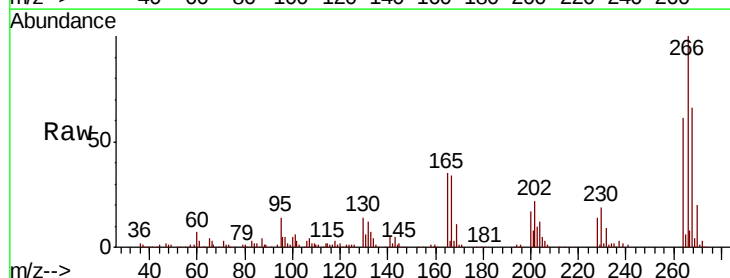
Tgt Ion:266 Resp: 126883

Ion Ratio Lower Upper

266 100

268 65.9 51.6 77.4

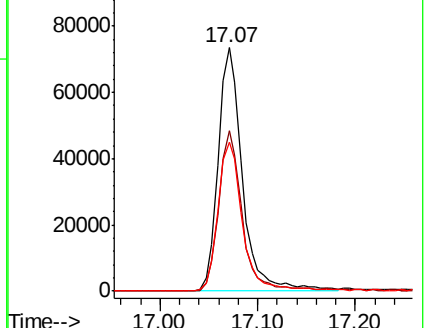
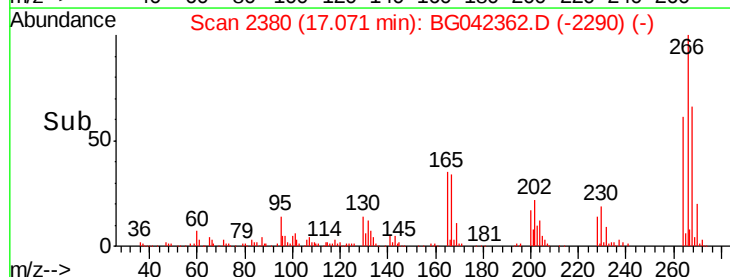
264 61.4 49.5 74.3

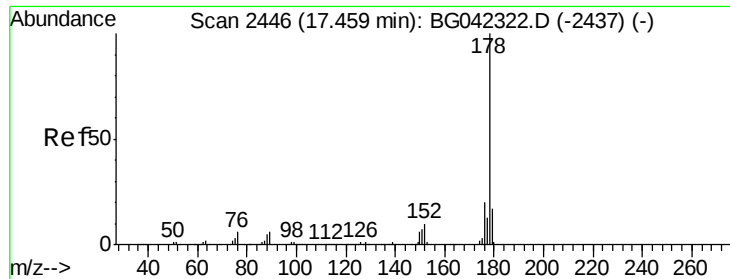


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

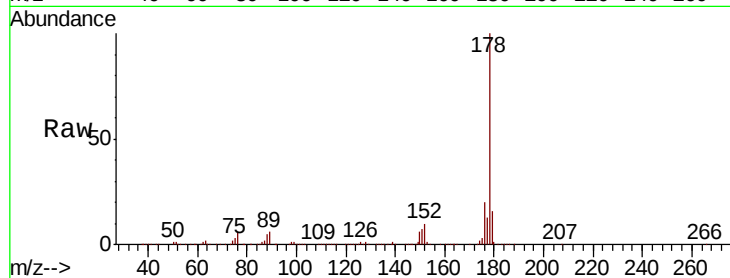




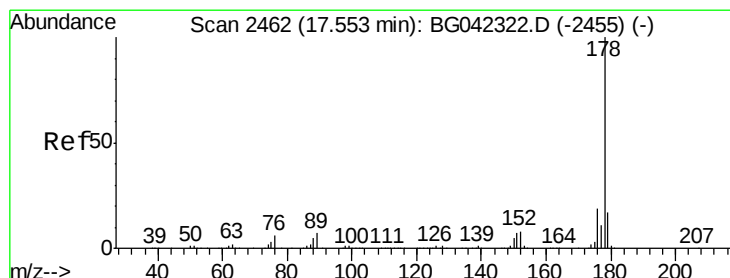
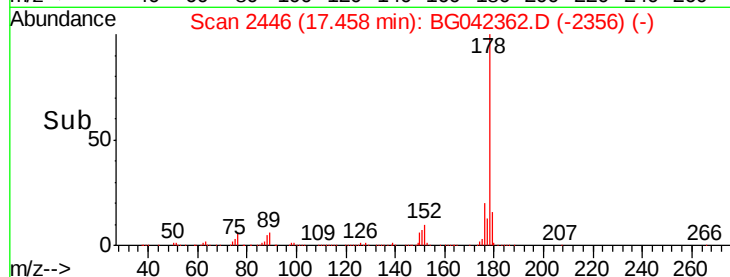
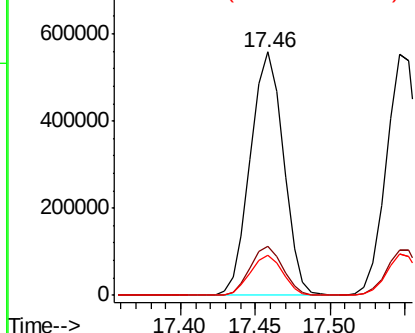
#71
Phenanthrene
Concen: 41.421 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 858529
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.4 13.7 20.5

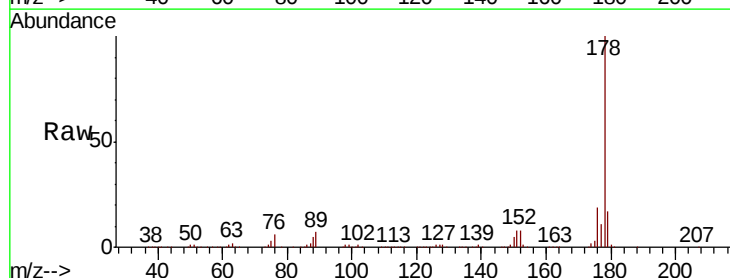


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

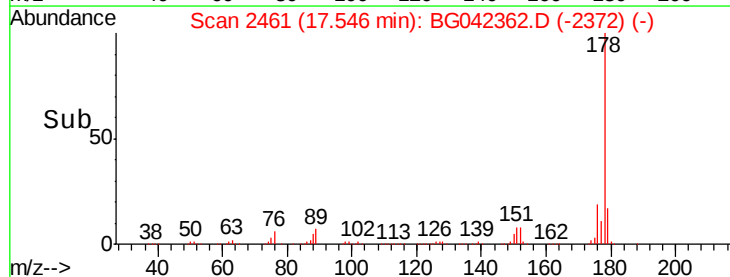
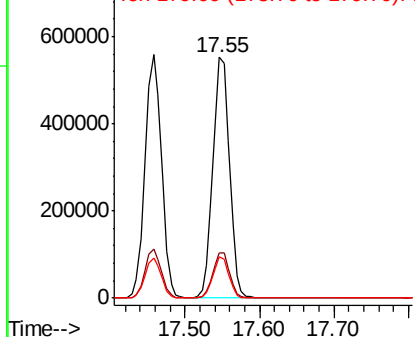


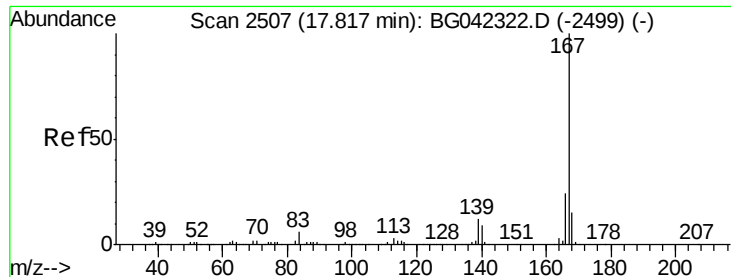
#72
Anthracene
Concen: 41.201 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:178 Resp: 851697
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 17.3 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

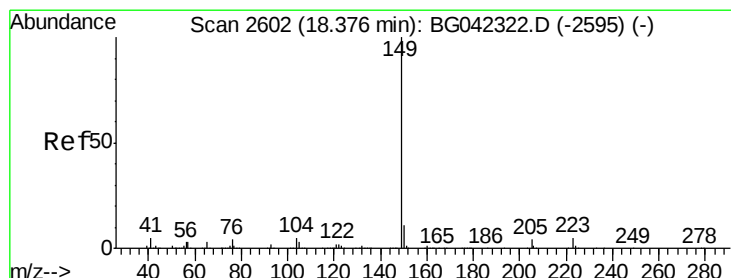
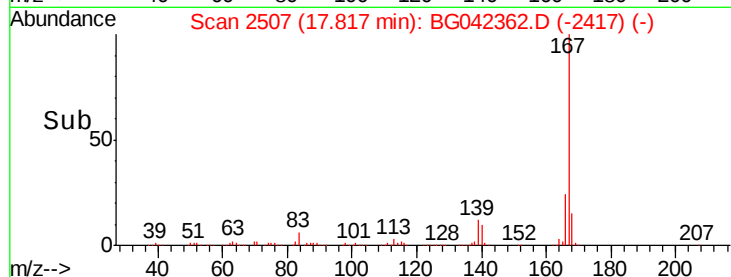
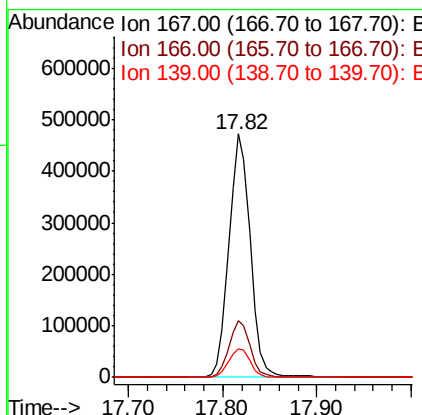
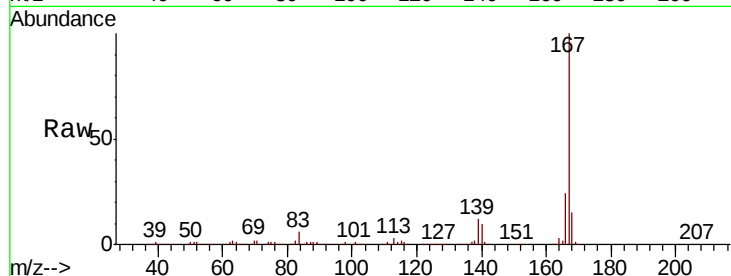




#73
 Carbazole
 Concen: 40.655 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

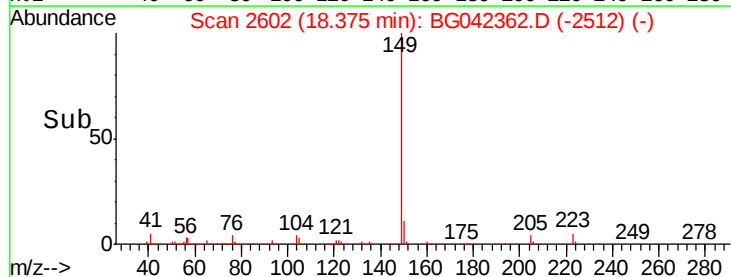
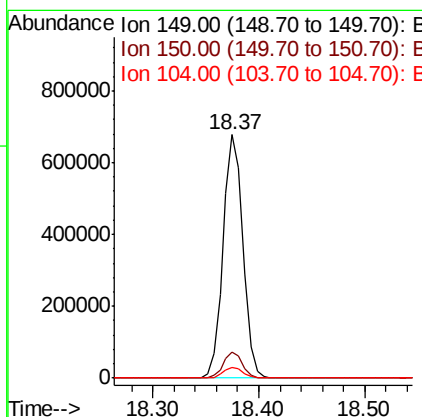
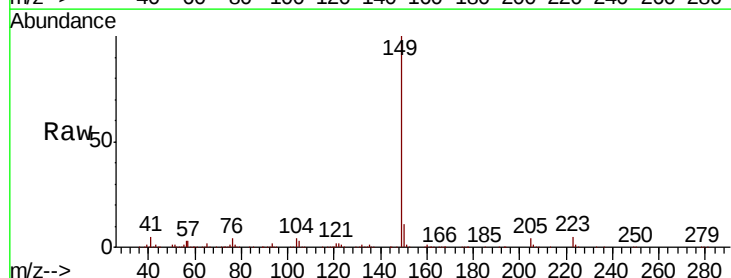
Instrument :
 BNA_F
 ClientSampleId :

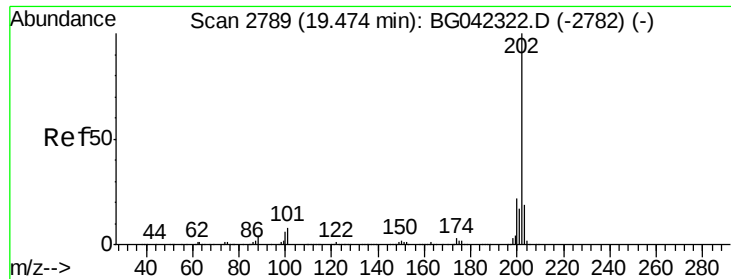
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.0	28.6
139	12.0	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 41.201 ng
 RT: 18.37 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG042362.D
 Acq: 20 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.4	12.6
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 40.592 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

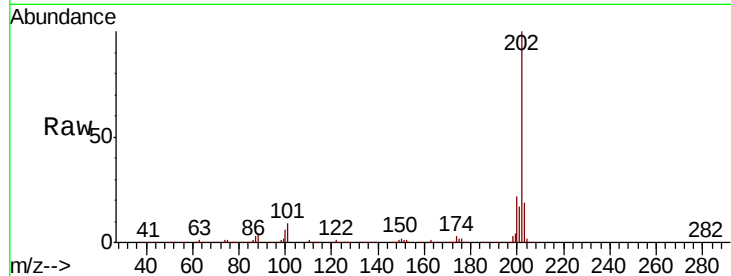
Tot Ion:202 Resp: 1014544

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.0

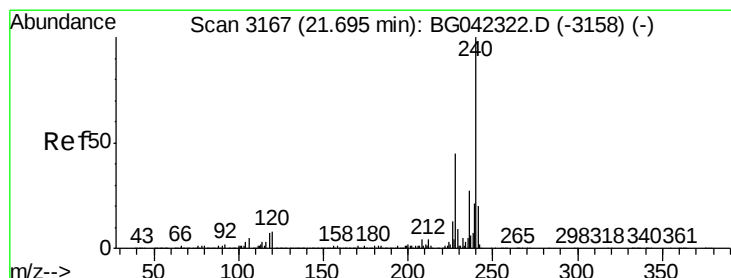
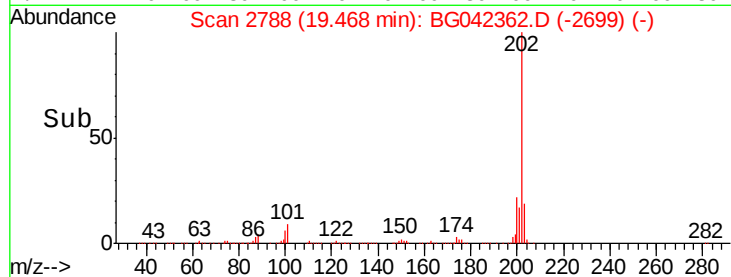
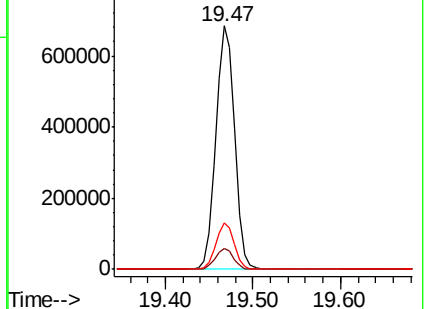
203 19.3 0.0 39.1



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: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

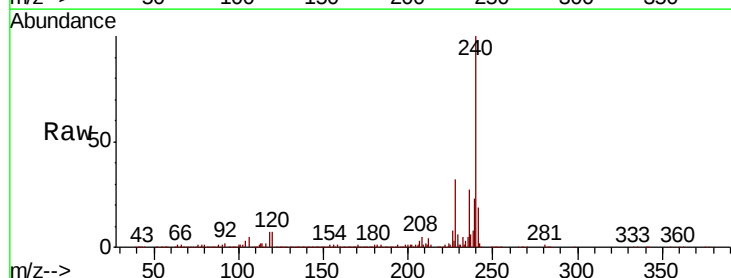
Tgt Ion:240 Resp: 390891

Ion Ratio Lower Upper

240 100

120 7.3 6.0 9.0

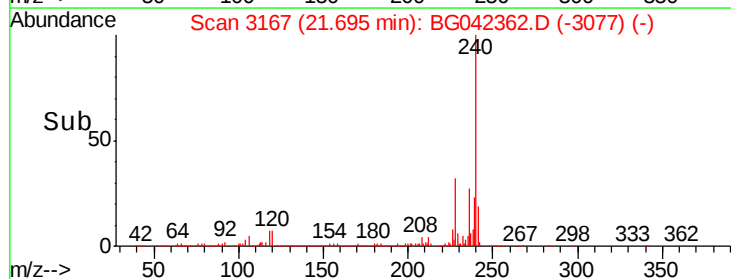
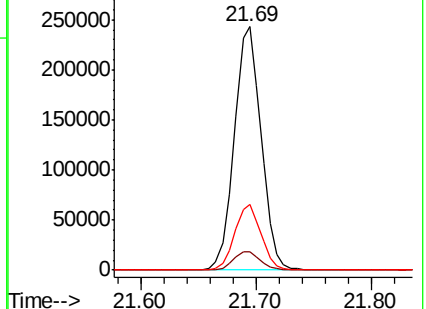
236 27.0 21.6 32.4

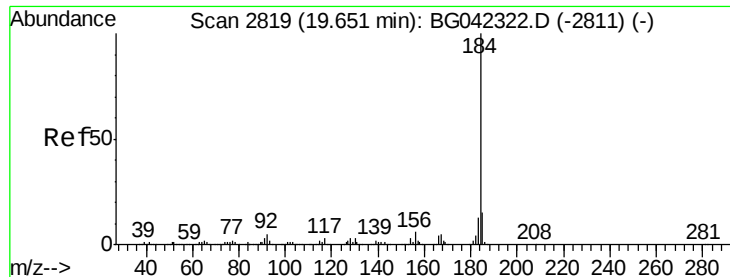


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.441 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

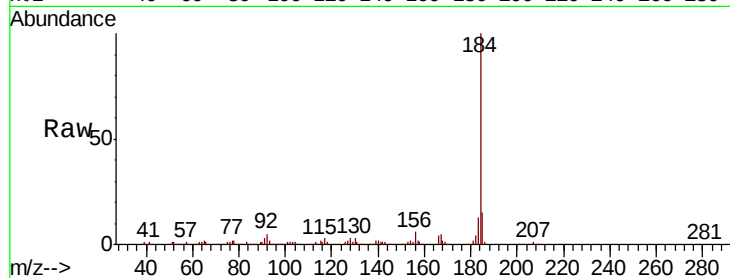
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 274035

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.6
183	12.9	10.6	15.8

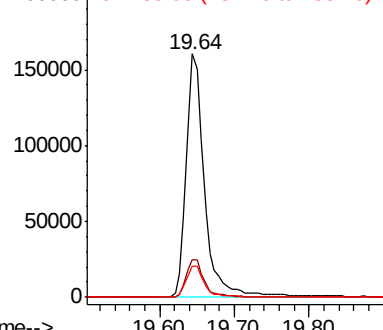


Abundance

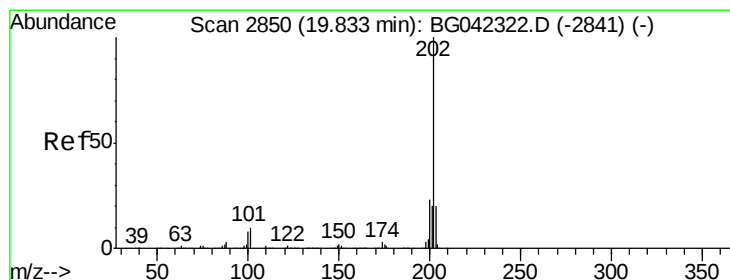
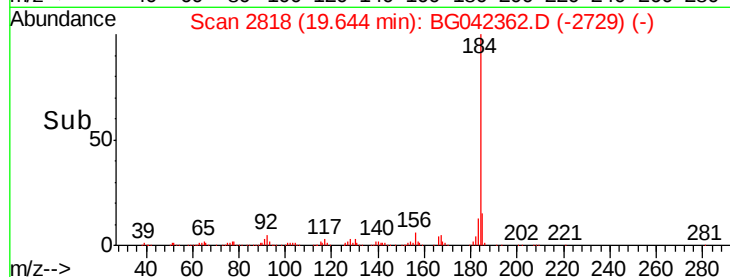
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 42.694 ng

RT: 19.83 min Scan# 2850

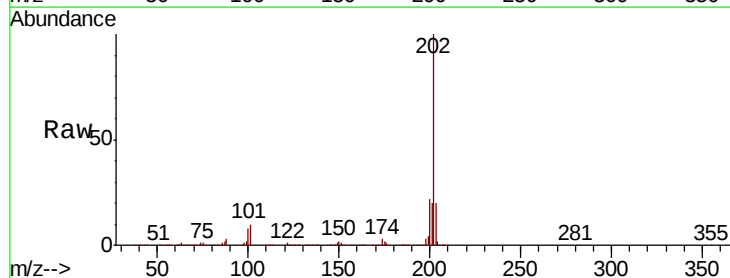
Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Tgt Ion:202 Resp: 1026891

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.1	27.1
203	19.9	15.8	23.8

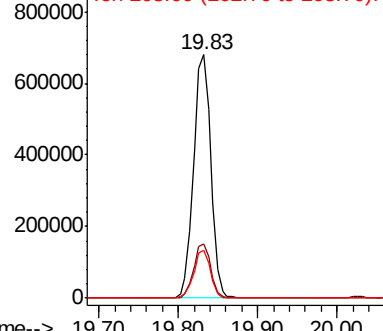


Abundance

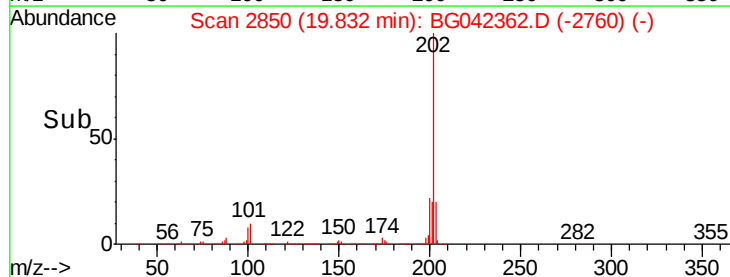
Ion 202.00 (201.70 to 202.70): E

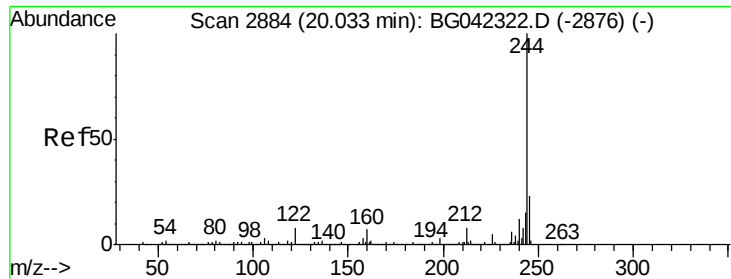
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 82.270 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampled :

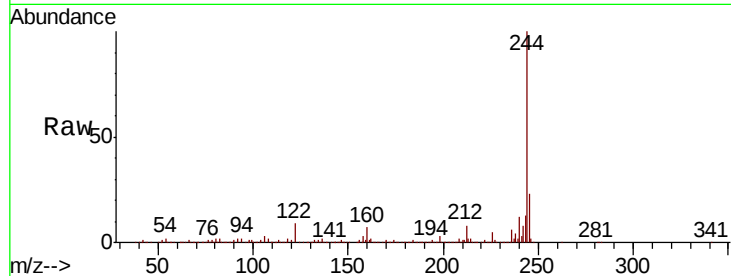
Tot Ion:244 Resp: 1468237

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

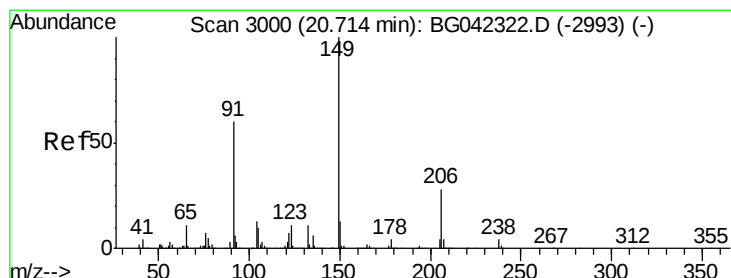
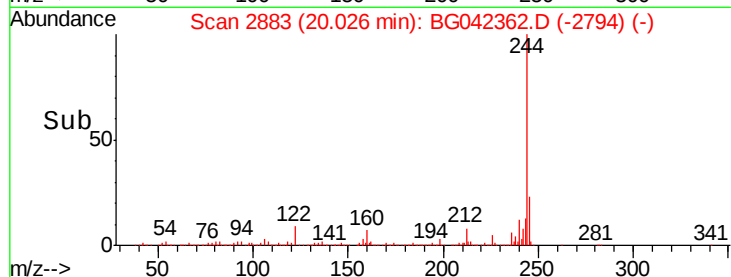
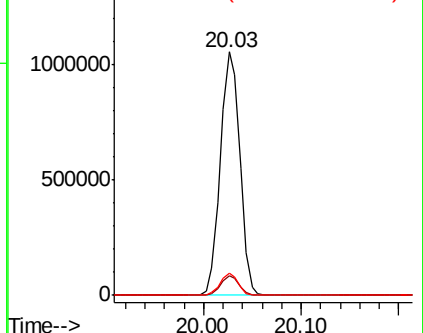
122 9.1 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.026 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

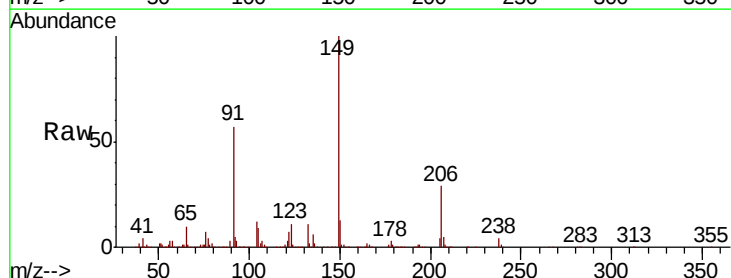
Tgt Ion:149 Resp: 400619

Ion Ratio Lower Upper

149 100

91 56.6 47.8 71.6

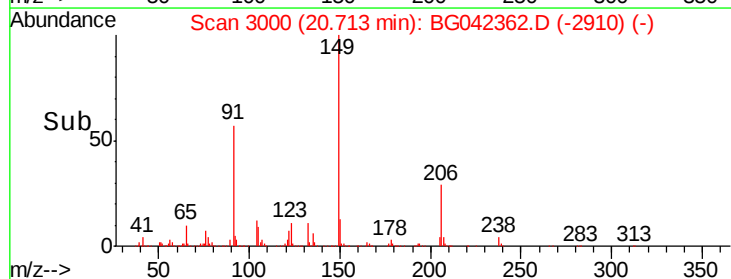
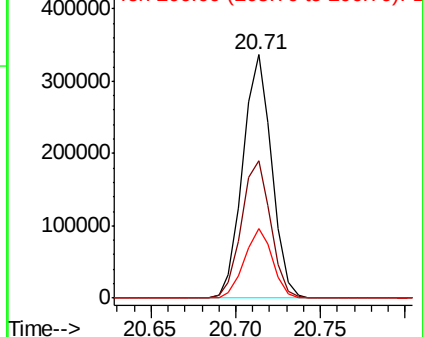
206 28.5 22.6 33.8

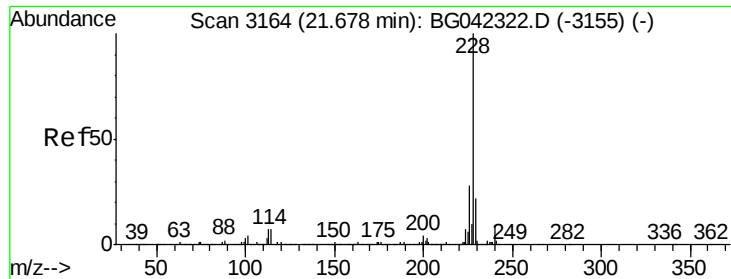


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

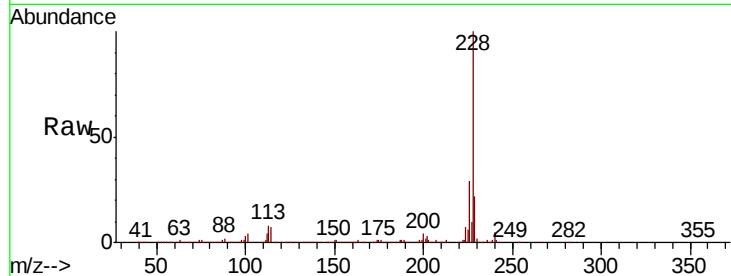




#81
Benzo(a)anthracene
Concen: 41.495 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.7	17.4	26.2

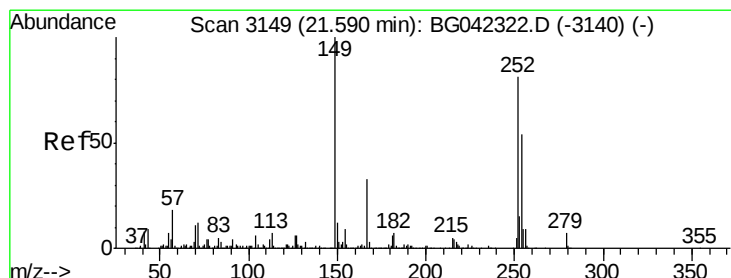
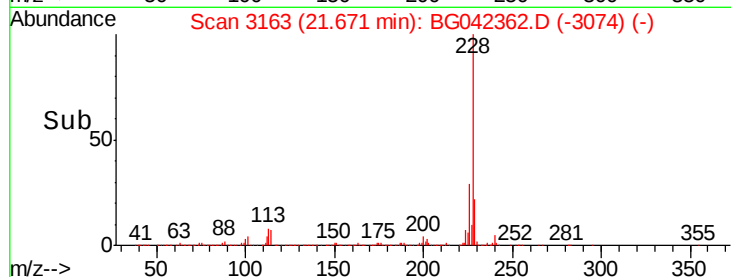
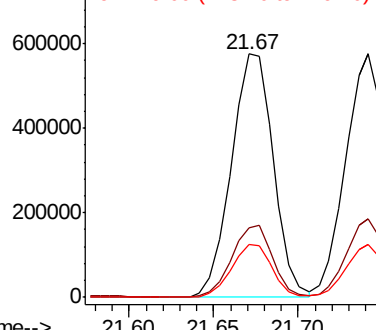


Abundance

Ion 228.00 (227.70 to 228.70): E

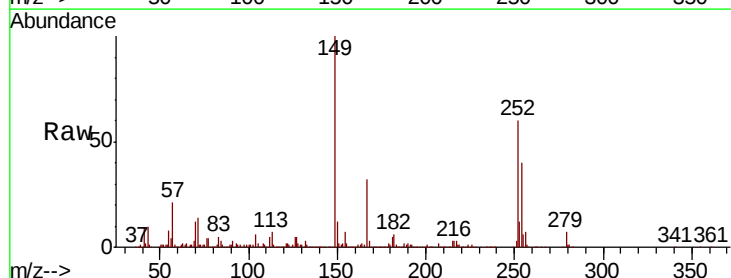
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 39.346 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.6
126	7.9	6.2	9.2

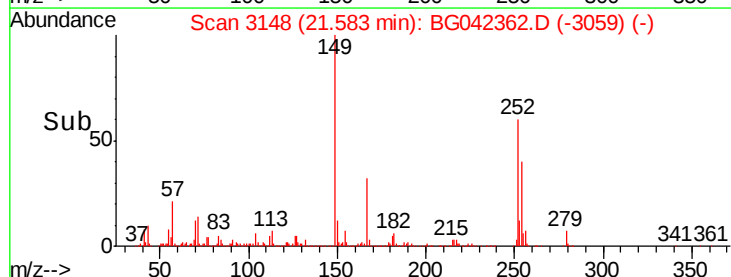
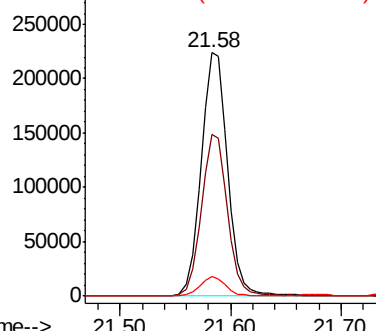


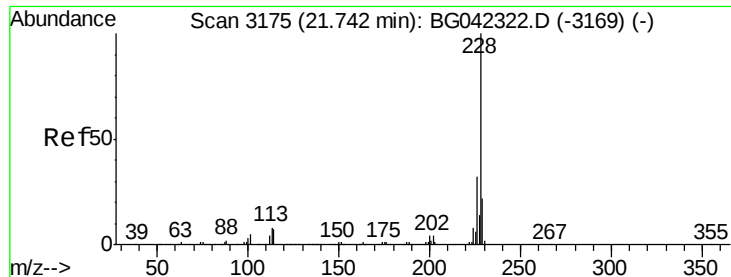
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.833 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

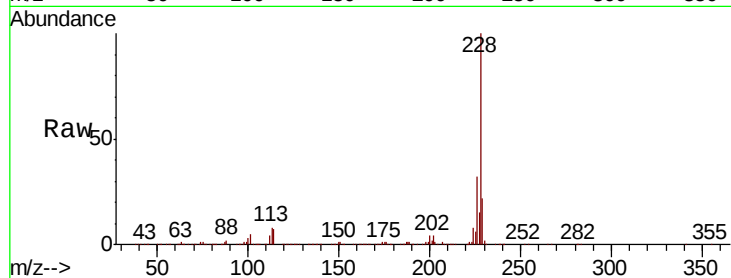
Tot Ion:228 Resp: 960642

Ion Ratio Lower Upper

228 100

226 32.2 25.6 38.4

229 21.8 17.8 26.6

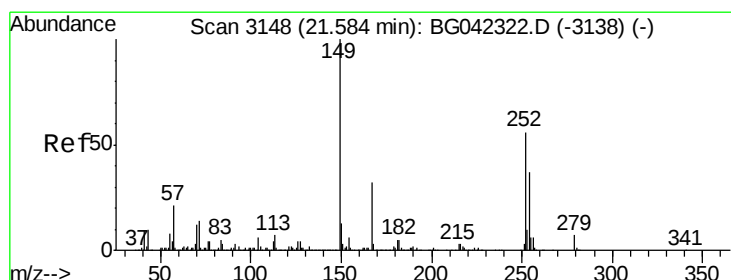
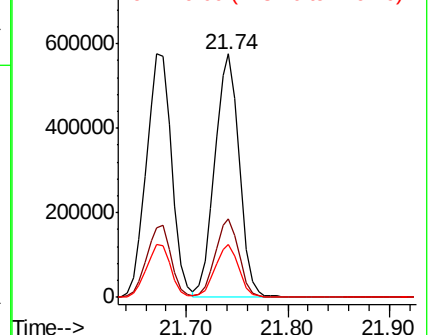
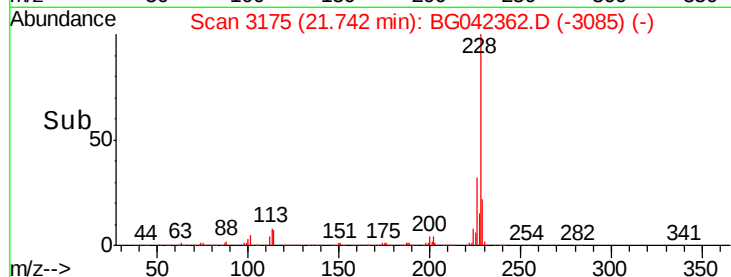


Abundance

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: 41.688 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

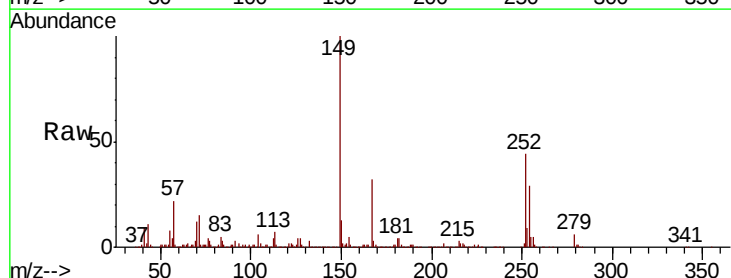
Tgt Ion:149 Resp: 554090

Ion Ratio Lower Upper

149 100

167 32.0 25.4 38.0

279 6.2 5.8 8.6

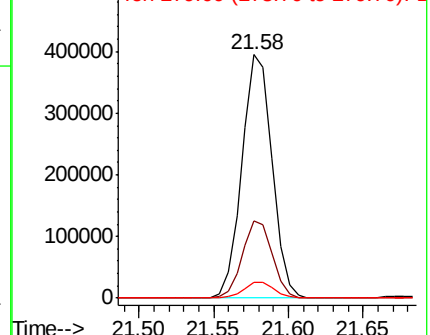
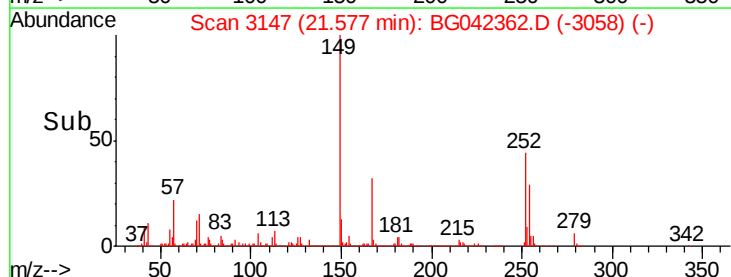


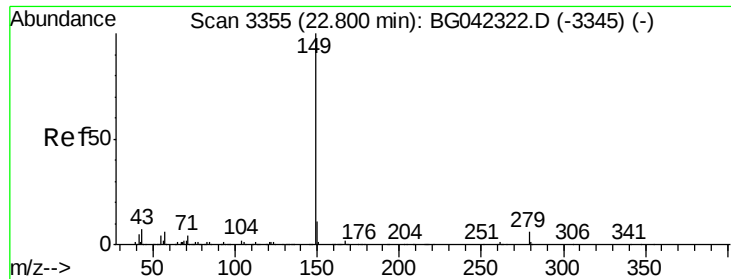
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.241 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

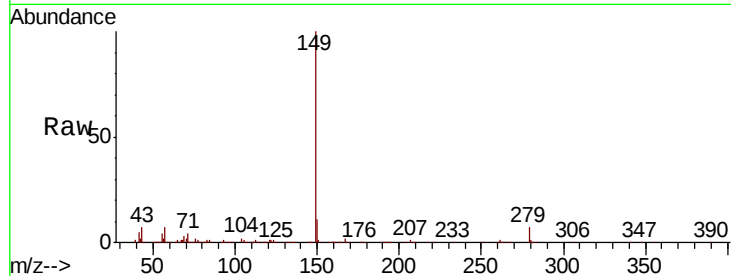
Tot Ion:149 Resp: 957663

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

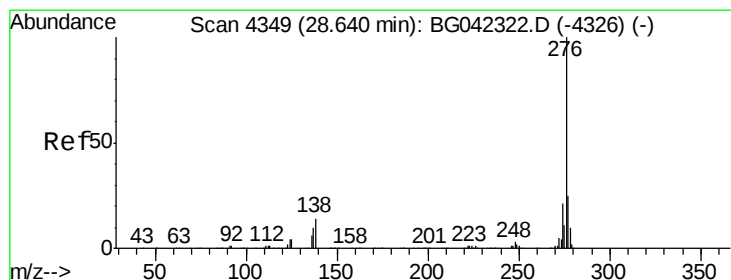
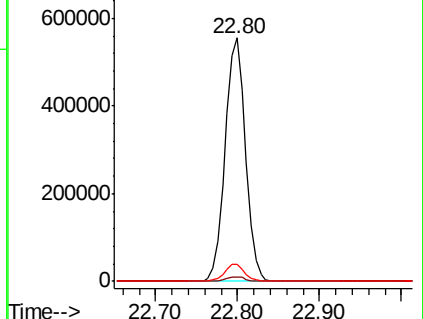
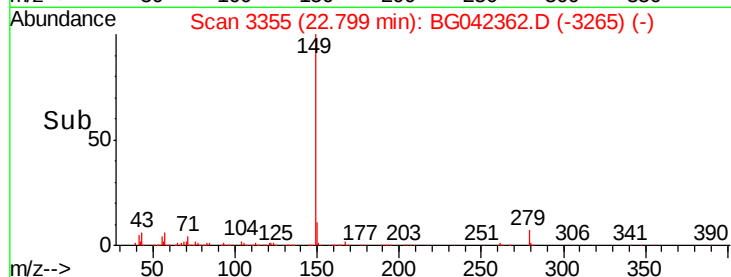
43 6.7 5.4 8.2



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: 40.682 ng

RT: 28.65 min Scan# 4350

Delta R.T. 0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

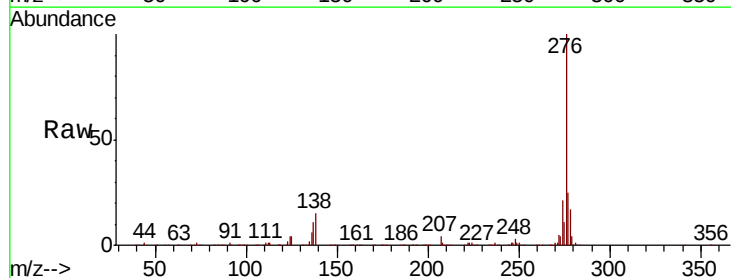
Tgt Ion:276 Resp: 1247343

Ion Ratio Lower Upper

276 100

138 13.5 14.5 21.7#

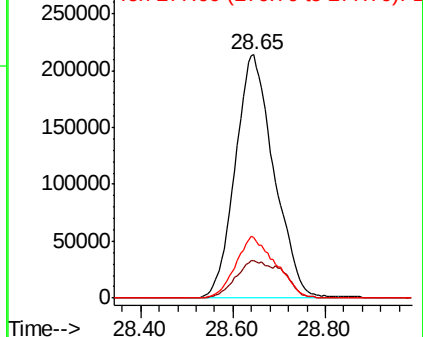
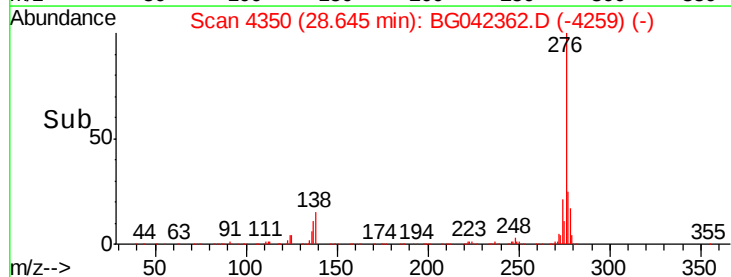
277 26.3 21.0 31.4

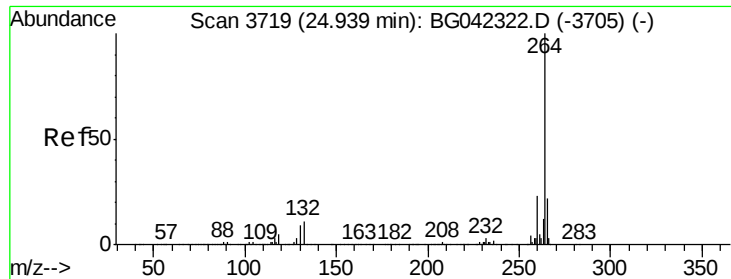


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

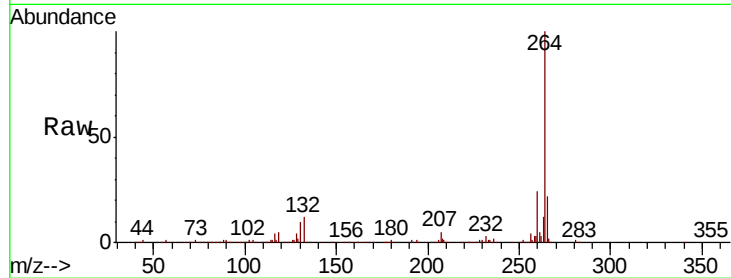
Tot Ion:264 Resp: 468296

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

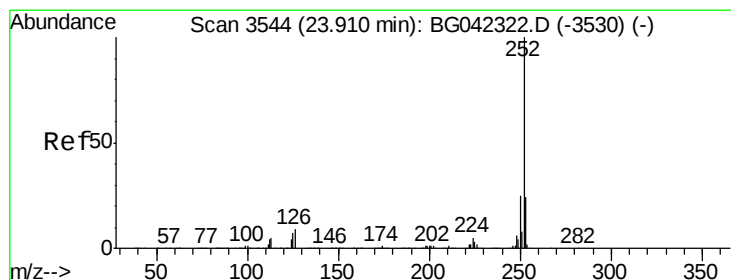
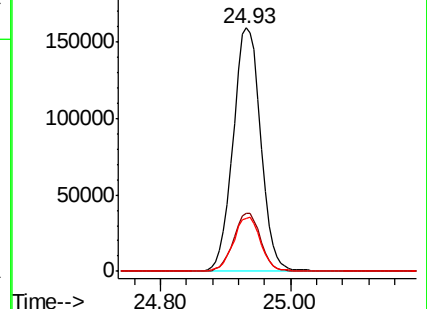
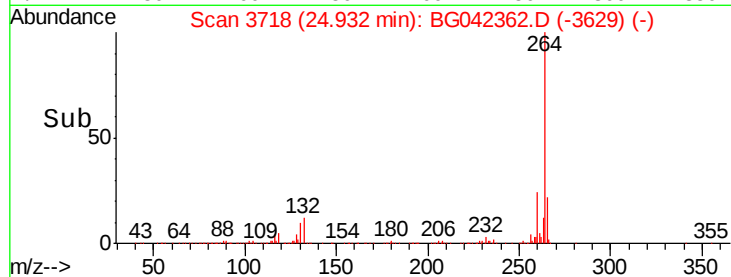
265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.318 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

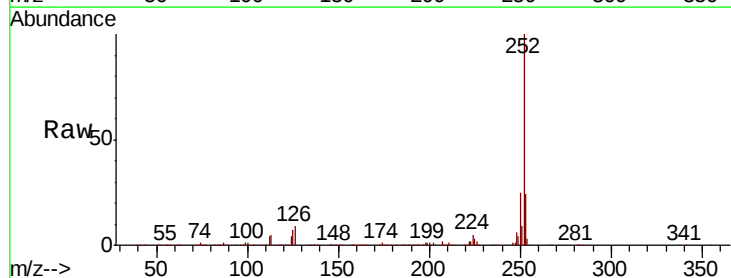
Tgt Ion:252 Resp: 1063531

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

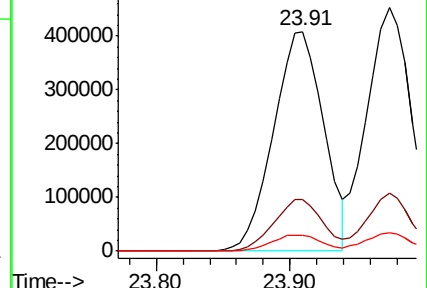
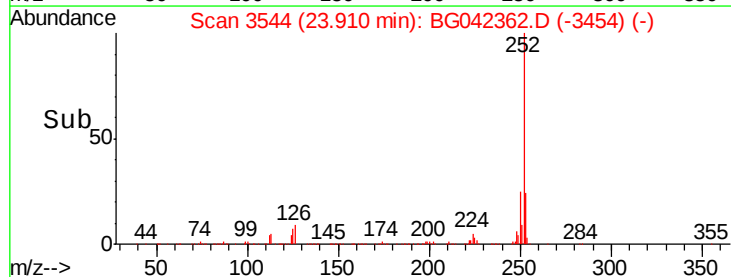
125 7.2 5.8 8.6

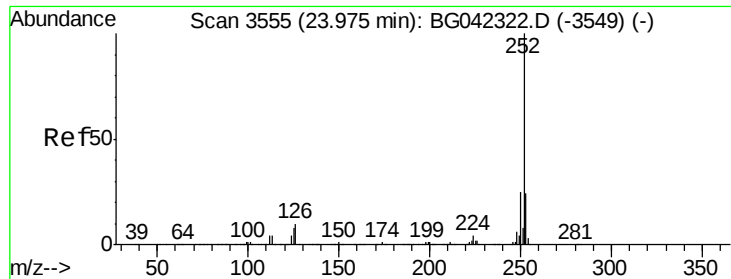


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.919 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

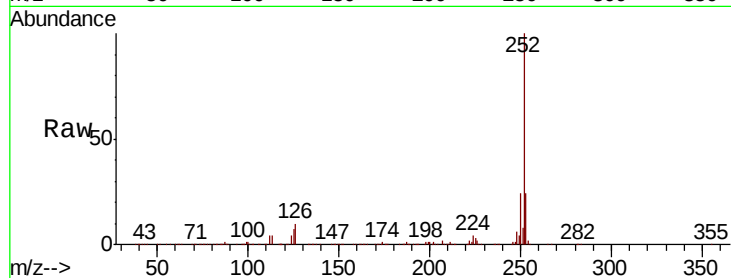
Tot Ion:252 Resp: 1054734

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

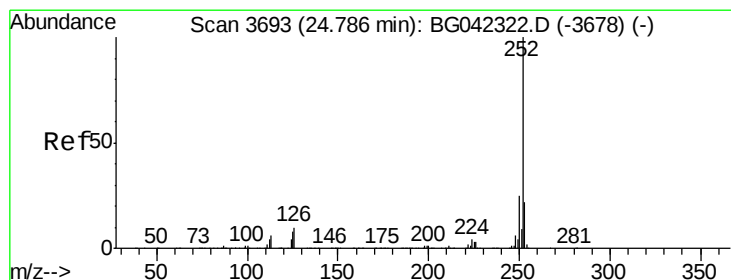
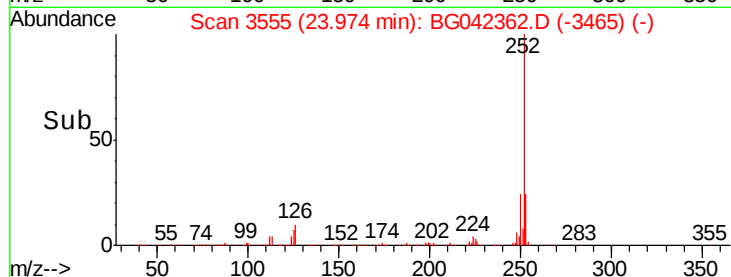
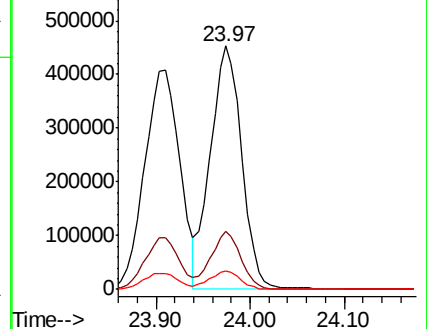
125 7.4 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.600 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042362.D

Acq: 20 Aug 2019 17:50

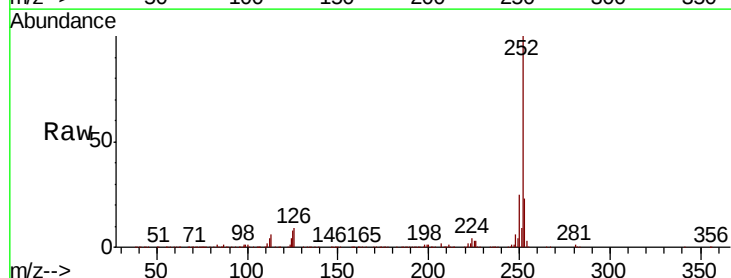
Tgt Ion:252 Resp: 1026027

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

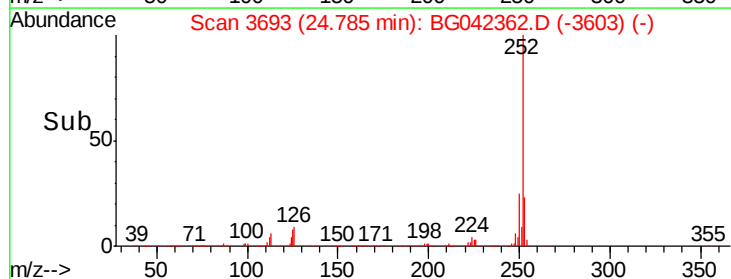
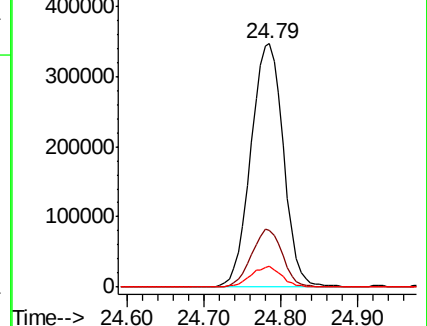
125 8.3 6.7 10.1

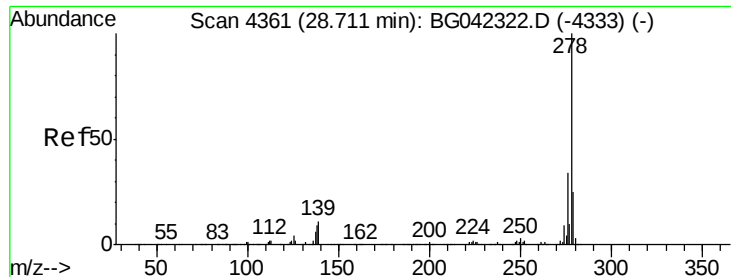


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

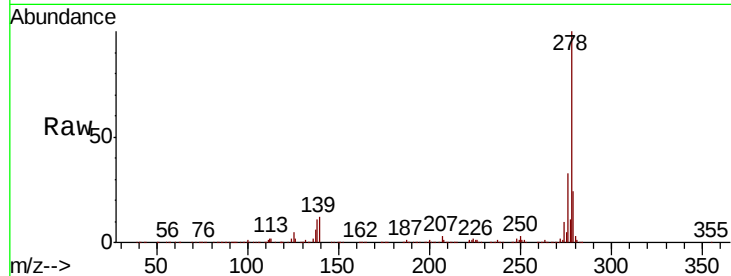




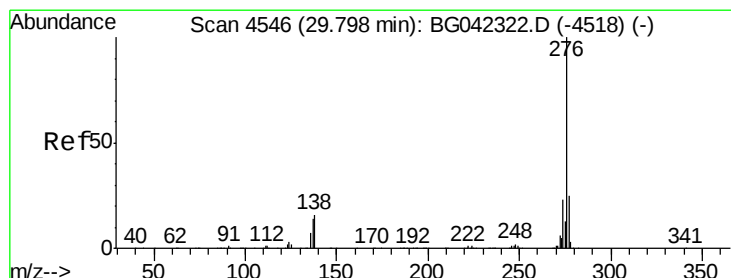
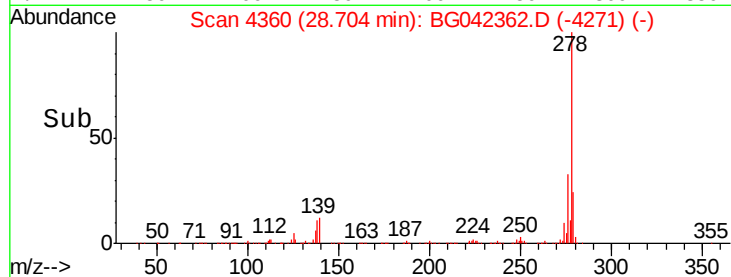
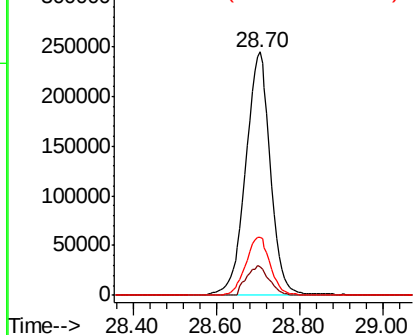
#91
Dibenzo(a,h)anthracene
Concen: 41.114 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1011644
Ion Ratio Lower Upper
278 100
139 11.9 8.5 12.7
279 24.0 19.8 29.8

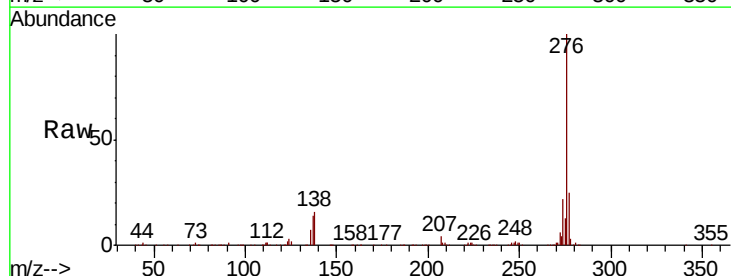


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.059 ng
RT: 29.80 min Scan# 4547
Delta R.T. 0.01 min
Lab File: BG042362.D
Acq: 20 Aug 2019 17:50

Tgt Ion:276 Resp: 1006743
Ion Ratio Lower Upper
276 100
277 25.2 19.8 29.8
138 16.0 12.8 19.2



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

