

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042860.D
 Acq On : 16 Sep 2019 22:23
 Operator : HP/JU
 Sample : K4851-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:22:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	108482	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	426041	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	296911	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	675214	20.00	ng	0.00
76) Chrysene-d12	21.76	240	632767	20.00	ng	0.00
87) Perylene-d12	25.03	264	705976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	769833	123.37	ng	0.00
7) Phenol-d6	7.28	99	1154540	128.91	ng	0.00
23) Nitrobenzene-d5	9.27	82	739264	90.34	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	489520	123.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1500677	80.01	ng	0.00
79) Terphenyl-d14	20.09	244	2227599	78.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	88380	31.035	ng	98
3) Pyridine	3.98	79	240358	28.033	ng	99
4) n-Nitrosodimethylamine	3.89	42	144981	34.750	ng	87
6) Aniline	7.44	93	270624	22.396	ng	94
8) 2-Chlorophenol	7.68	128	283739	42.067	ng	98
9) Benzaldehyde	7.25	77	200940	34.477	ng	96
10) Phenol	7.30	94	428767	46.682	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	274010	38.872	ng	97
12) 1,3-Dichlorobenzene	8.01	146	303409	36.881	ng	99
13) 1,4-Dichlorobenzene	8.15	146	312702	37.966	ng	99
14) 1,2-Dichlorobenzene	8.48	146	294283	37.535	ng	97
15) Benzyl Alcohol	8.35	79	300493	39.096	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	533577	34.469	ng	97
17) 2-Methylphenol	8.55	107	254634	41.439	ng	99
18) Hexachloroethane	9.21	117	114326	37.598	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	245633	37.220	ng	93
20) 3+4-Methylphenols	8.88	107	352845	41.656	ng	97
22) Acetophenone	8.93	105	436018	40.523	ng	97
24) Nitrobenzene	9.32	77	357709	41.645	ng	96
25) Isophorone	9.84	82	665838	39.035	ng	98
26) 2-Nitrophenol	10.03	139	164155	48.601	ng	93
27) 2,4-Dimethylphenol	10.09	122	280919	47.018	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	376074	39.535	ng	99
29) 2,4-Dichlorophenol	10.57	162	306884	44.200	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	334936	39.512	ng	99
31) Naphthalene	10.98	128	861121	40.937	ng	99
32) Benzoic acid	10.22	122	197395	41.736	ng	98
33) 4-Chloroaniline	11.07	127	163781	16.658	ng	97
34) Hexachlorobutadiene	11.27	225	226407	38.121	ng	97
35) Caprolactam	11.84	113	74235	28.752	ng	88
36) 4-Chloro-3-methylphenol	12.19	107	336813	44.678	ng	96
37) 2-Methylnaphthalene	12.58	142	655115	41.576	ng	97
38) 1-Methylnaphthalene	12.79	142	611359	41.367	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	407955	41.580	ng	99

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Quant Time: Sep 17 01:22:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
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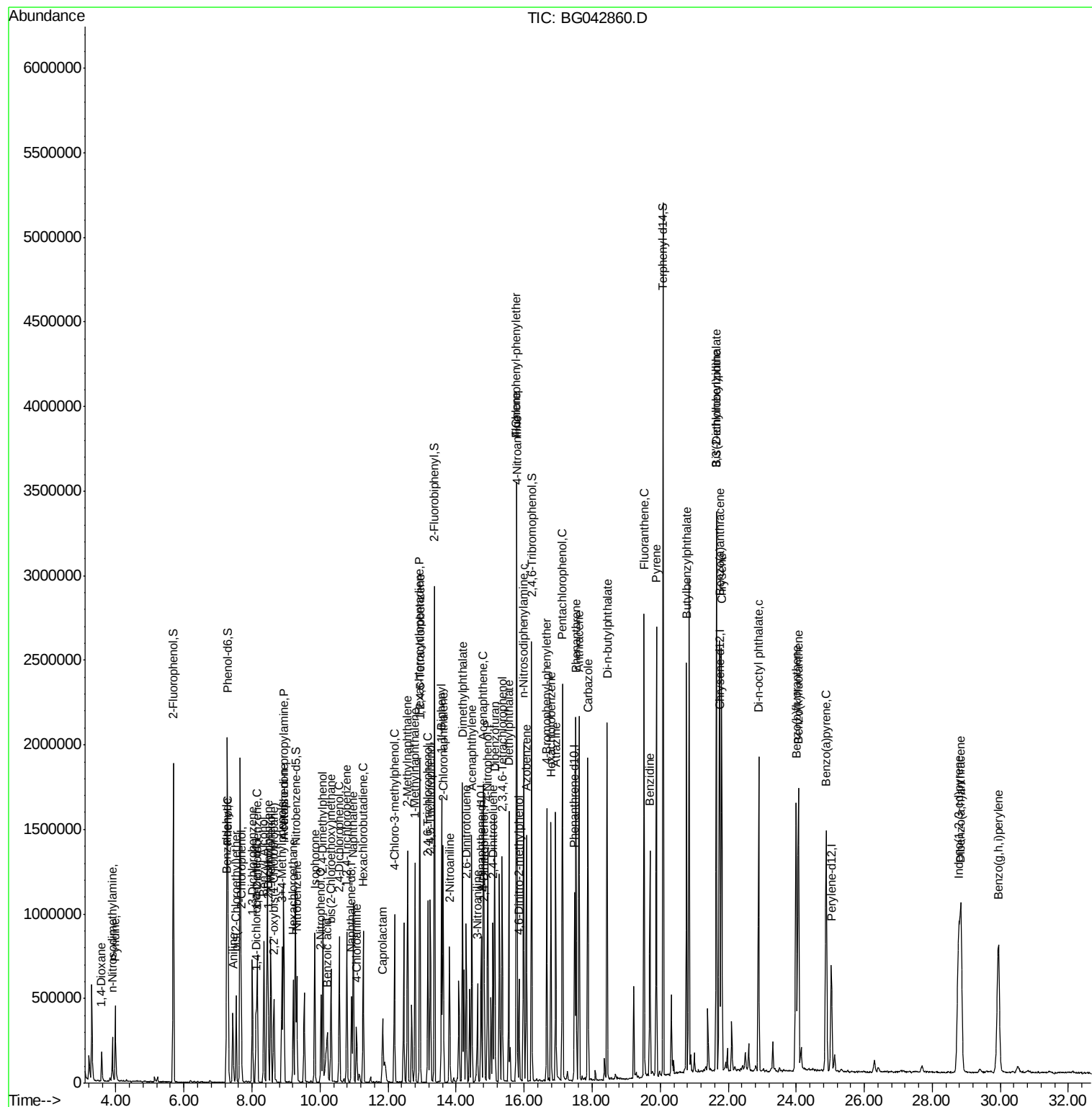
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	342491	60.935	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	277432	42.473	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	298763	44.655	ng	98
46) 1,1'-Biphenyl	13.58	154	859928	41.371	ng	98
47) 2-Chloronaphthalene	13.62	162	673788	39.186	ng	96
48) 2-Nitroaniline	13.81	65	254698	42.701	ng	96
49) Acenaphthylene	14.46	152	1081142	41.146	ng	96
50) Dimethylphthalate	14.19	163	1111022	49.951	ng	99
51) 2,6-Dinitrotoluene	14.30	165	204776	44.868	ng	94
52) Acenaphthene	14.80	154	737736	42.976	ng	99
53) 3-Nitroaniline	14.63	138	142521	27.824	ng	# 92
54) 2,4-Dinitrophenol	14.83	184	146231	65.085	ng	# 80
55) Dibenzofuran	15.13	168	1053608	41.293	ng	97
56) 4-Nitrophenol	14.93	139	353073	89.150	ng	93
57) 2,4-Dinitrotoluene	15.09	165	280377	46.089	ng	96
58) Fluorene	15.78	166	860638	40.699	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	288413	44.469	ng	99
60) Diethylphthalate	15.55	149	869946	38.531	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	493591	39.478	ng	98
62) 4-Nitroaniline	15.79	138	208987	37.852	ng	96
63) Azobenzene	16.07	77	871848	40.101	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	127896	44.268	ng	97
66) n-Nitrosodiphenylamine	15.98	169	766776	42.201	ng	96
67) 4-Bromophenyl-phenylether	16.67	248	333299	40.783	ng	100
68) Hexachlorobenzene	16.79	284	350903	40.183	ng	97
69) Atrazine	16.93	200	298569	47.188	ng	100
70) Pentachlorophenol	17.12	266	464701	89.703	ng	94
71) Phenanthrene	17.52	178	1340058	41.499	ng	98
72) Anthracene	17.61	178	1366144	42.347	ng	98
73) Carbazole	17.88	167	1282029	41.811	ng	97
74) Di-n-butylphthalate	18.44	149	1452294	39.539	ng	98
75) Fluoranthene	19.53	202	1656576	39.583	ng	97
77) Benzidine	19.70	184	768315	43.460	ng	98
78) Pyrene	19.89	202	1667760	42.099	ng	97
80) Butylbenzylphthalate	20.77	149	665142	41.486	ng	97
81) Benzo(a)anthracene	21.74	228	1644540	40.876	ng	97
82) 3,3'-Dichlorobenzidine	21.65	252	437185	27.962	ng	98
83) Chrysene	21.81	228	1587225	41.650	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	924838	42.217	ng	99
85) Di-n-octyl phthalate	22.89	149	1571127	42.070	ng	99
86) Indeno(1,2,3-cd)pyrene	28.78	276	2008302	42.555	ng	# 92
88) Benzo(b)fluoranthene	24.00	252	1711606	41.290	ng	97
89) Benzo(k)fluoranthene	24.06	252	1670754	42.667	ng	96
90) Benzo(a)pyrene	24.88	252	1691273	43.572	ng	99
91) Dibenzo(a,h)anthracene	28.85	278	1666680	43.657	ng	100
92) Benzo(g,h,i)perylene	29.95	276	1636855	43.957	ng	98

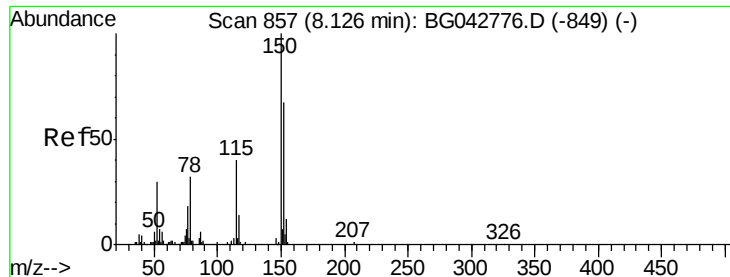
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

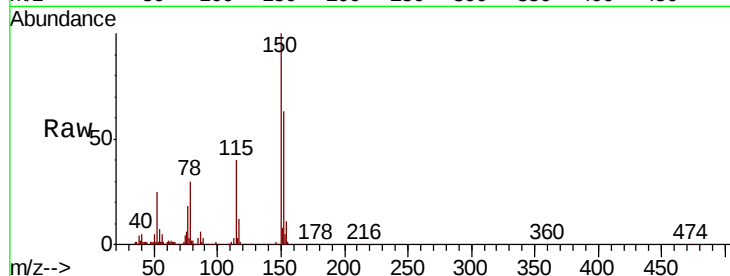
Tot Ion:152 Resp: 108482

Ion Ratio Lower Upper

152 100

150 158.0 118.9 178.3

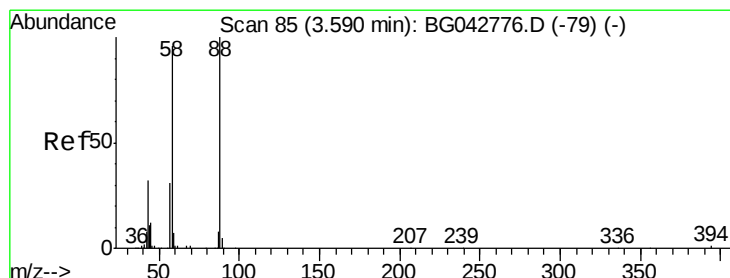
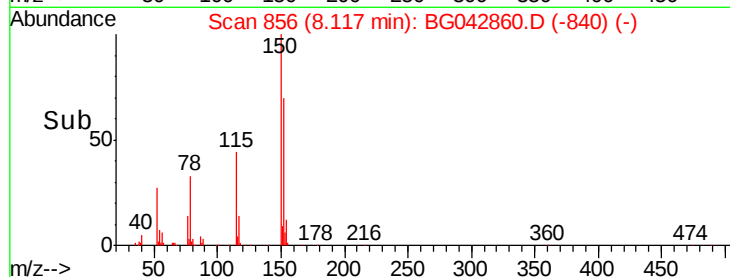
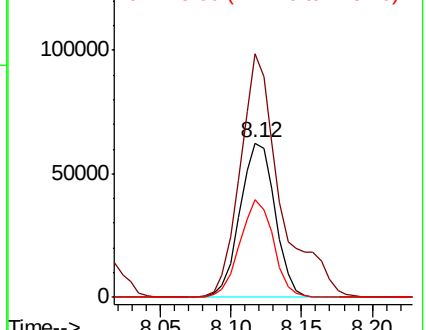
115 63.1 47.4 71.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.035 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

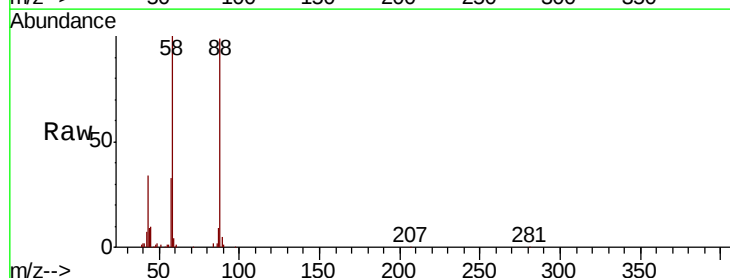
Tgt Ion: 88 Resp: 88380

Ion Ratio Lower Upper

88 100

58 98.5 79.1 118.7

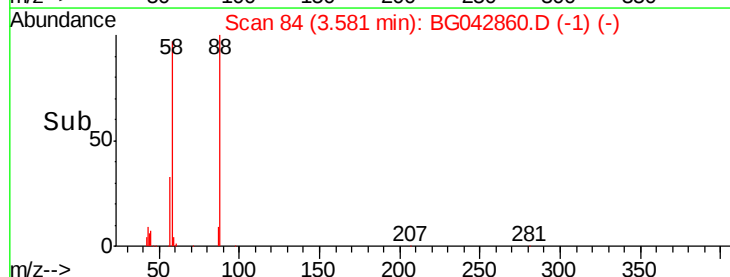
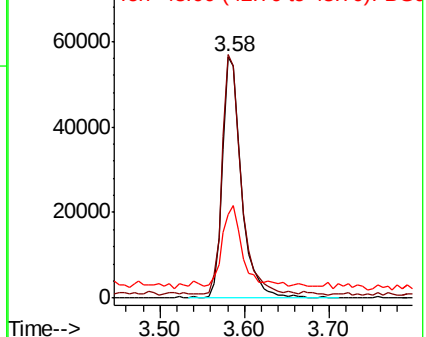
43 34.1 30.4 45.6

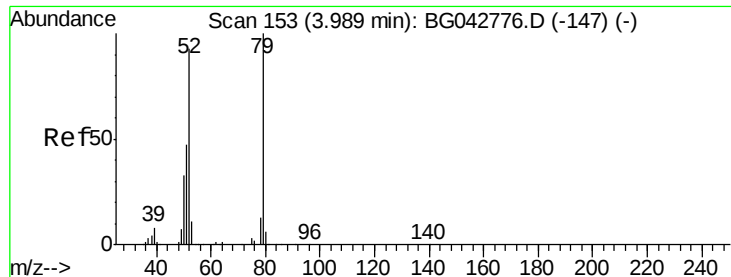


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.033 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

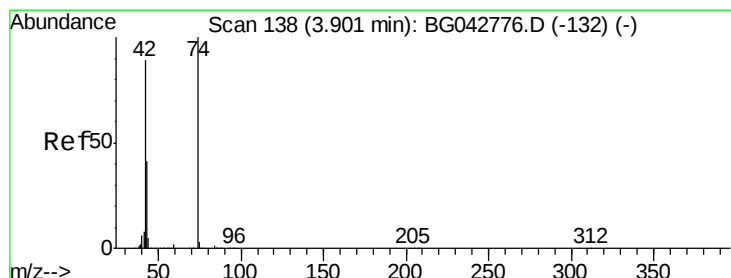
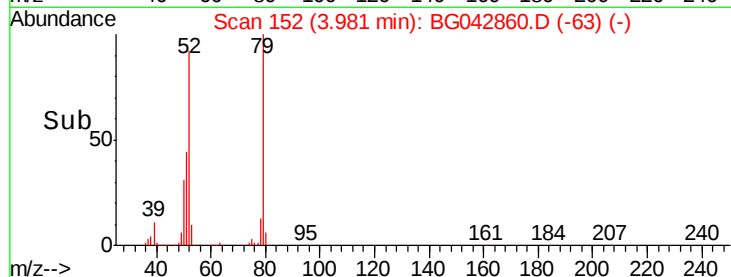
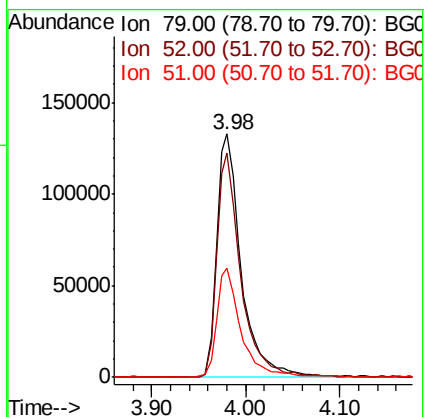
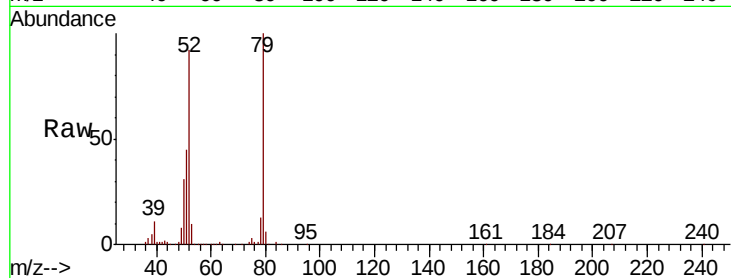
Tot Ion: 79 Resp: 240358

Ion Ratio Lower Upper

79 100

52 92.4 74.0 111.0

51 44.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 34.750 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

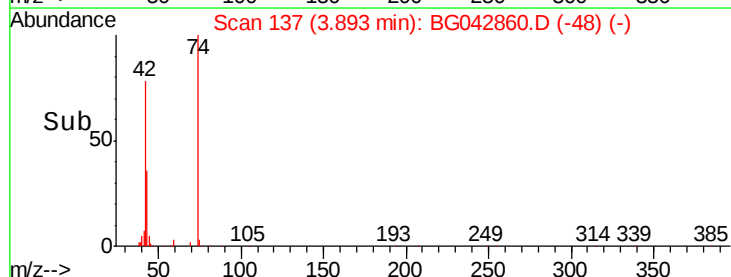
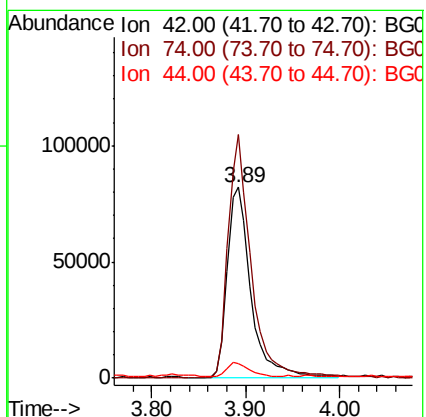
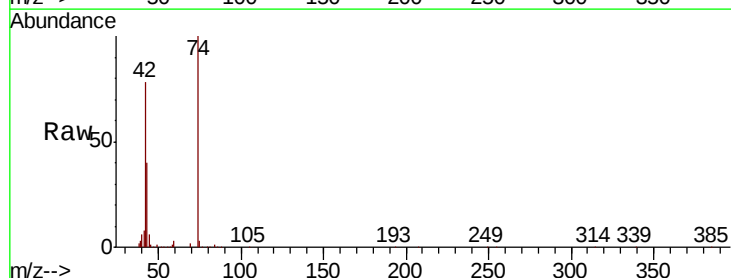
Tgt Ion: 42 Resp: 144981

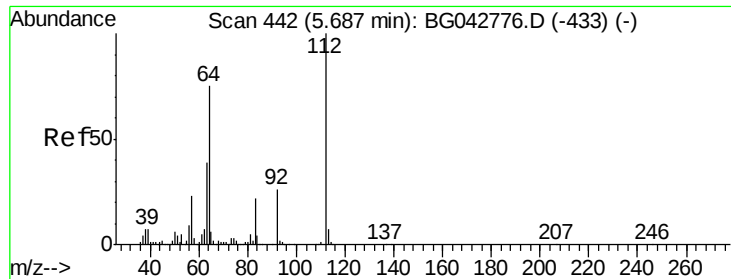
Ion Ratio Lower Upper

42 100

74 127.5 90.2 135.2

44 7.5 6.6 9.8





#5

2-Fluorophenol

Concen: 123.375 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

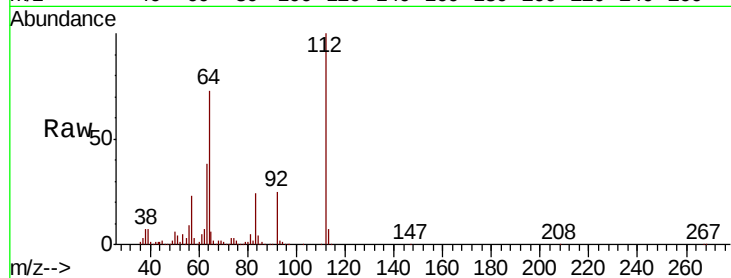
Tot Ion:112 Resp: 769833

Ion Ratio Lower Upper

112 100

64 73.0 60.2 90.2

63 38.3 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.68

400000

300000

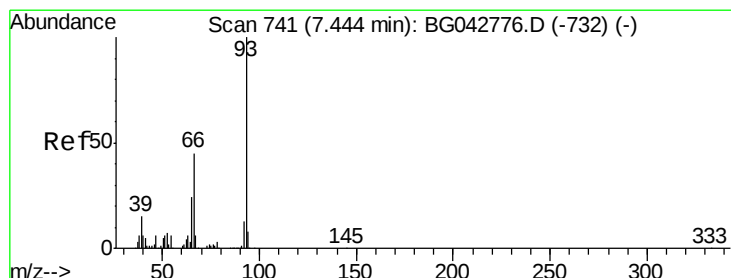
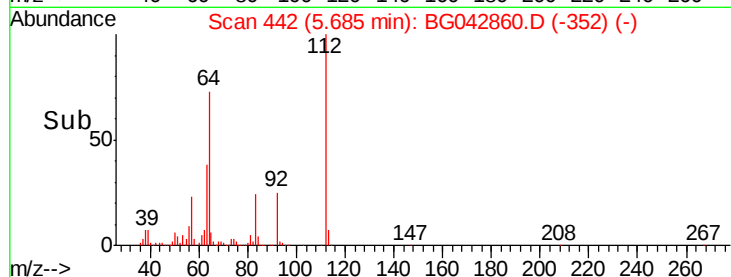
200000

100000

0

5.60 5.70 5.80

Time-->



#6

Aniline

Concen: 22.396 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

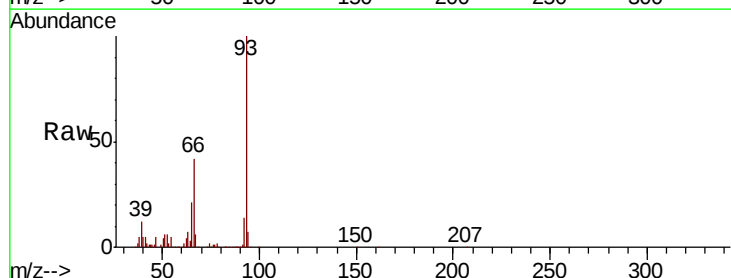
Tgt Ion: 93 Resp: 270624

Ion Ratio Lower Upper

93 100

66 41.5 36.3 54.5

65 21.3 19.3 28.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.44

200000

150000

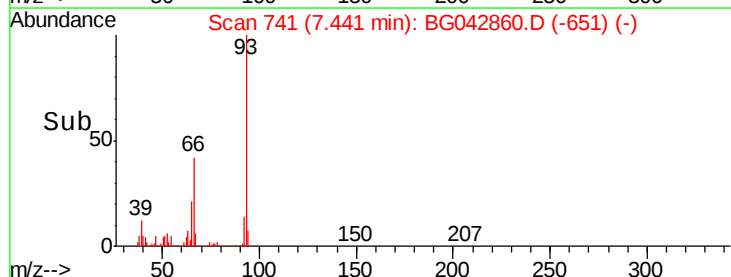
100000

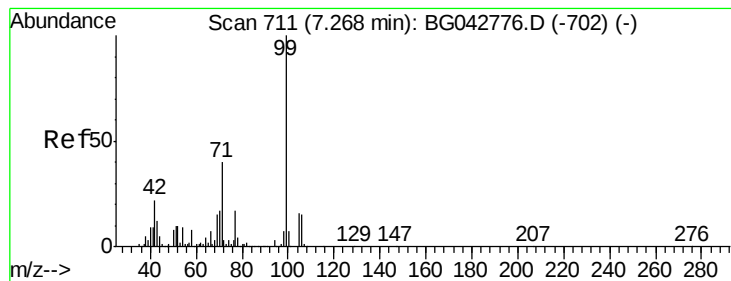
50000

0

7.35 7.40 7.45 7.50

Time-->





#7

Phenol-d6

Concen: 128.909 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

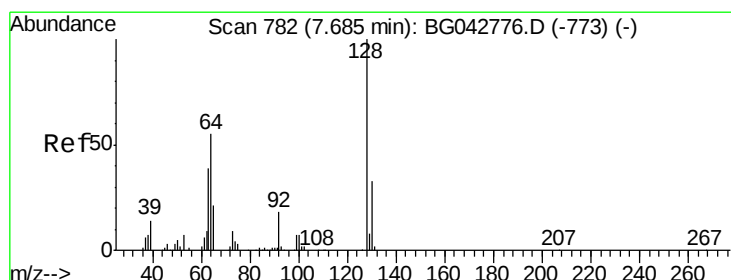
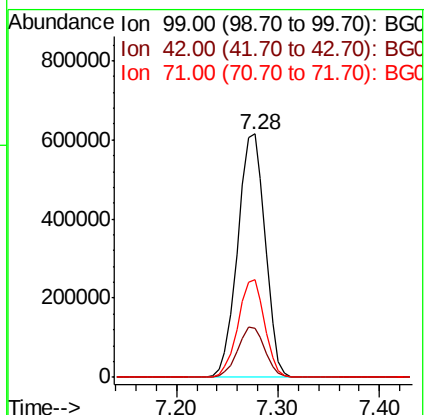
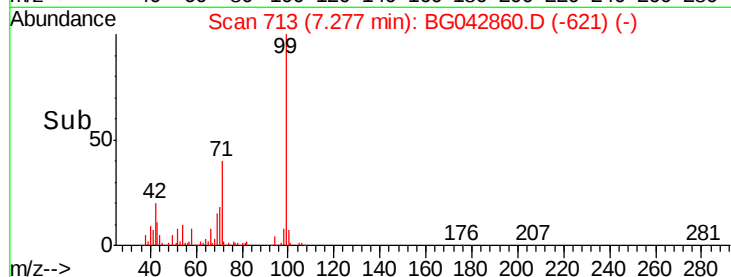
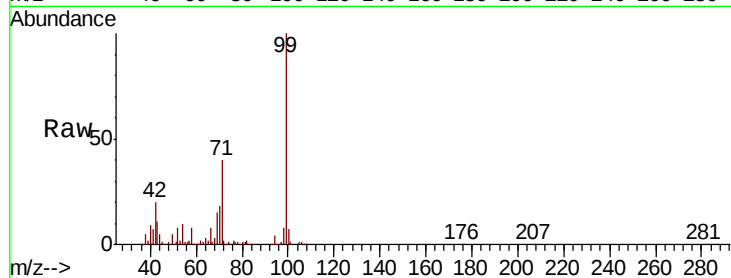
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1154540

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.5	26.3
71	40.1	32.0	48.0



#8

2-Chlorophenol

Concen: 42.067 ng

RT: 7.68 min Scan# 782

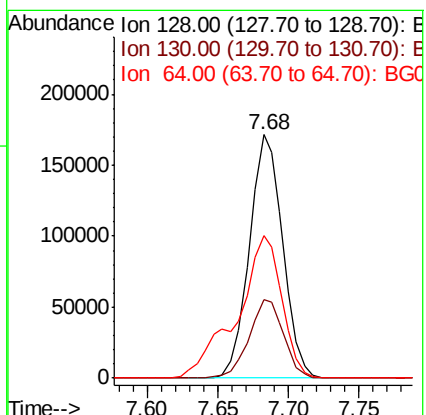
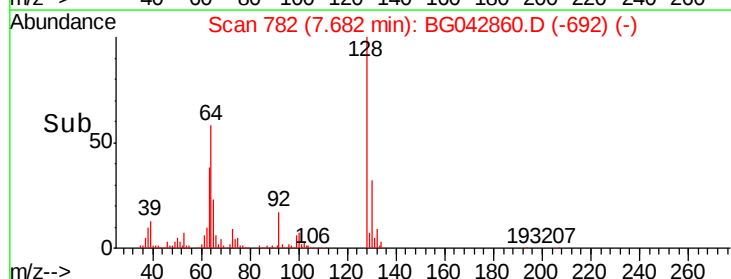
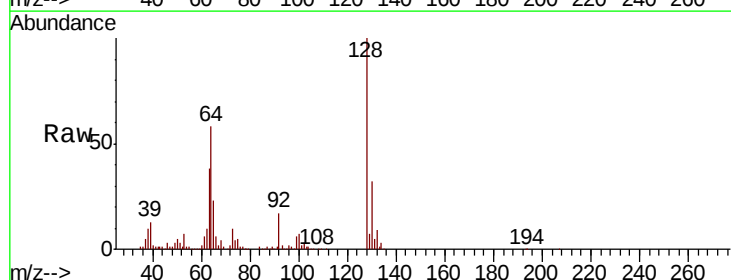
Delta R.T. -0.00 min

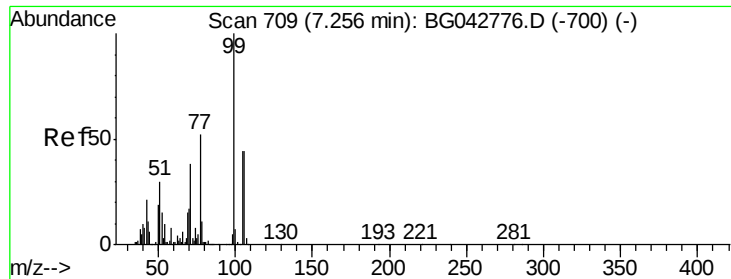
Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion: 128 Resp: 283739

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	58.5	36.8	76.8





#9

Benzaldehyde

Concen: 34.477 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampled :

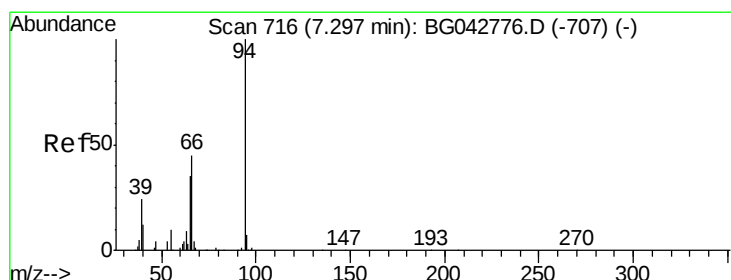
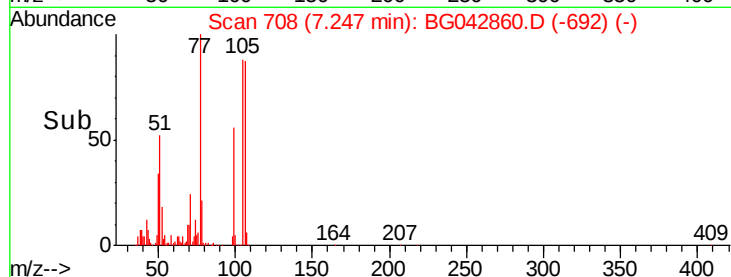
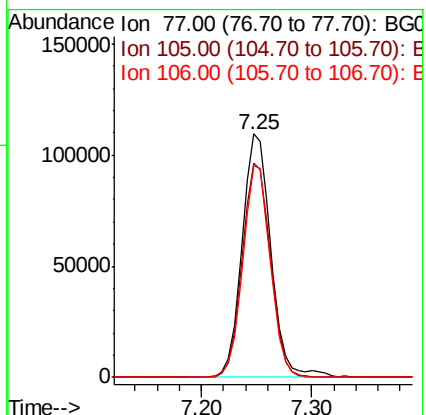
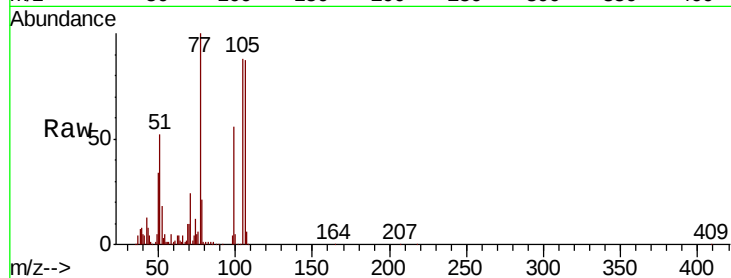
Tot Ion: 77 Resp: 200940

Ion Ratio Lower Upper

77 100

105 88.1 64.5 104.5

106 87.1 63.4 103.4



#10

Phenol

Concen: 46.682 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

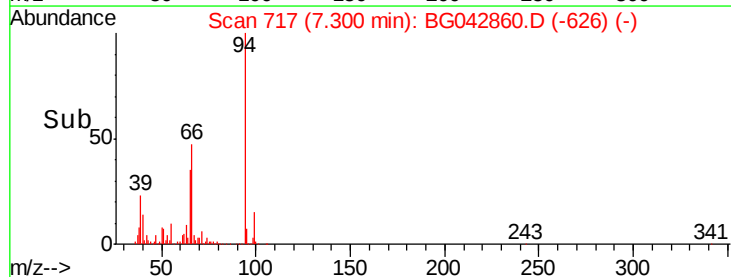
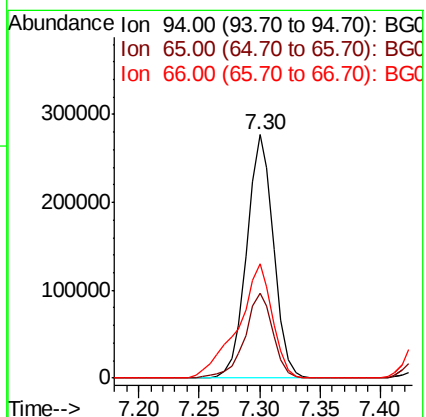
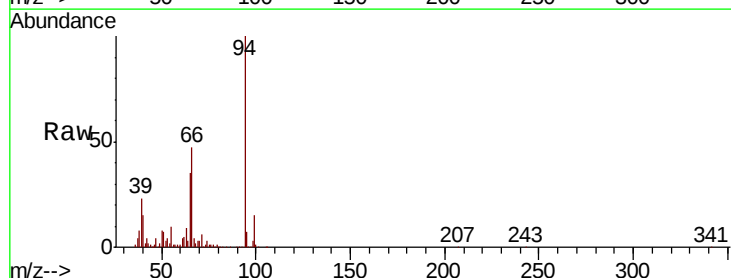
Tgt Ion: 94 Resp: 428767

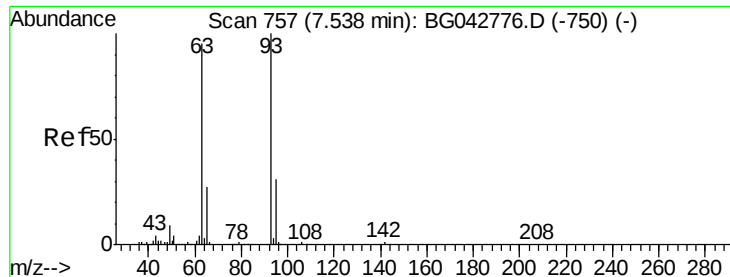
Ion Ratio Lower Upper

94 100

65 34.7 15.0 55.0

66 46.8 26.1 66.1

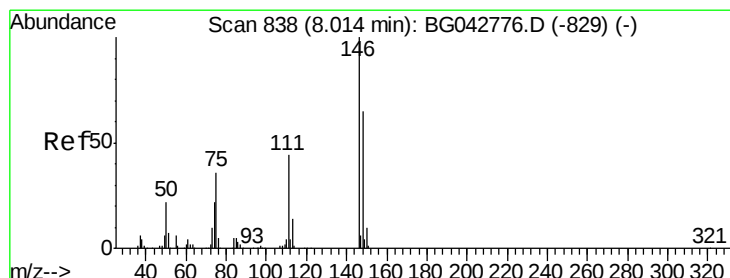
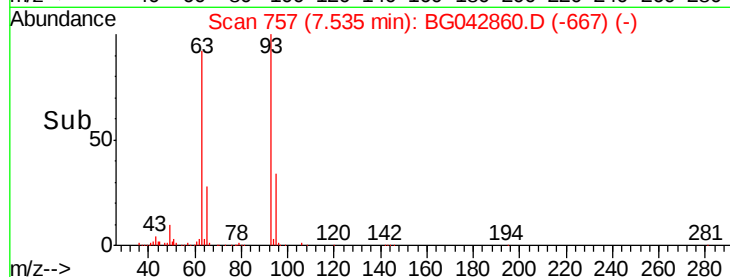
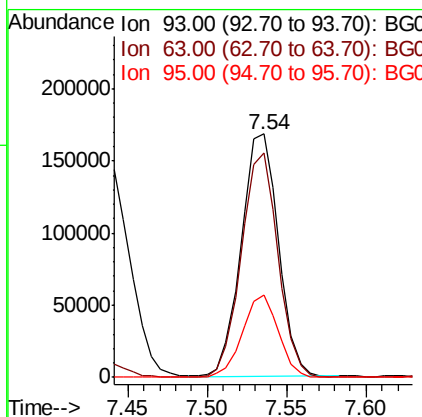
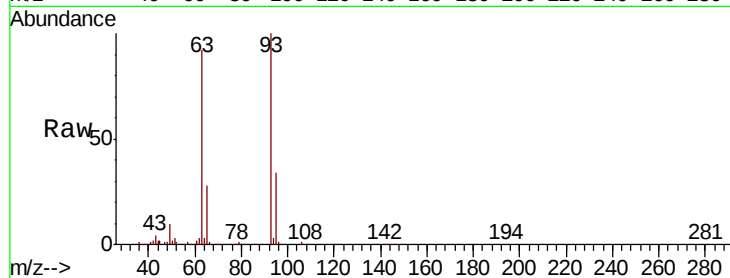




#11
 bis(2-Chloroethyl)ether
 Concen: 38.872 ng
 RT: 7.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

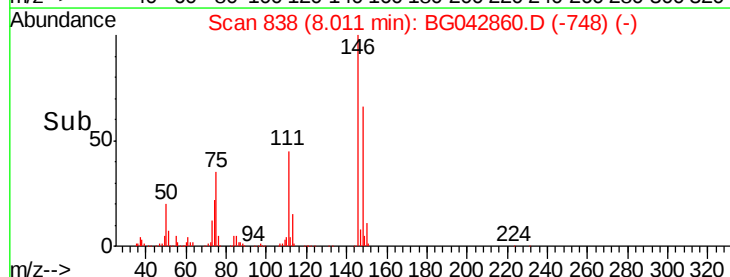
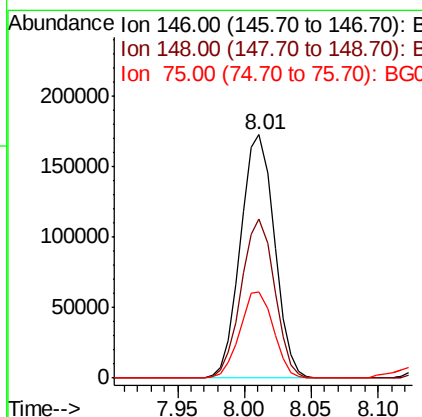
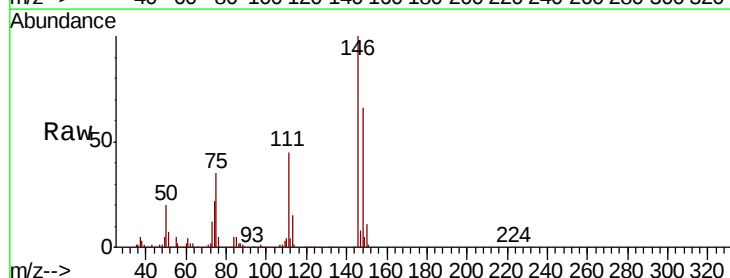
Instrument :
 BNA_G
 ClientSampleId :

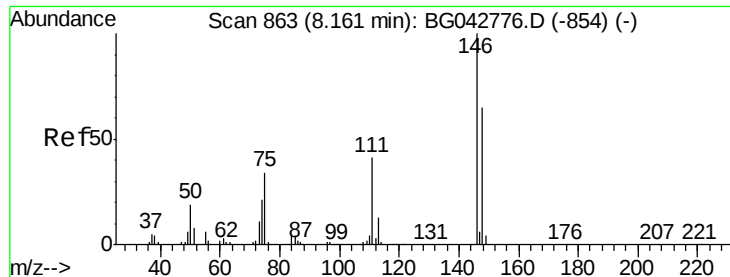
Tot Ion	93	Resp	274010
Ion	Ratio	Lower	Upper
93	100		
63	92.0	74.7	114.7
95	34.1	11.1	51.1



#12
 1,3-Dichlorobenzene
 Concen: 36.881 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	146	Resp	303409
Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
75	35.5	28.4	42.6

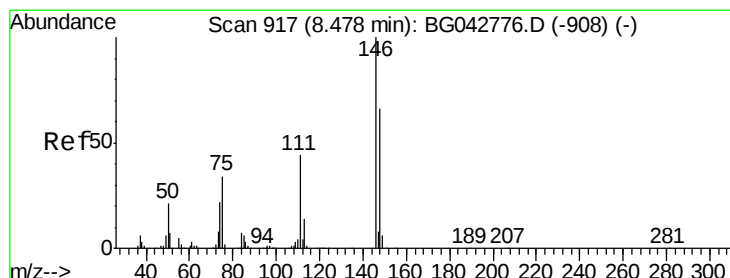
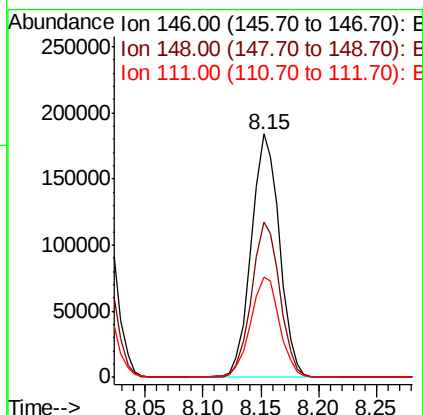
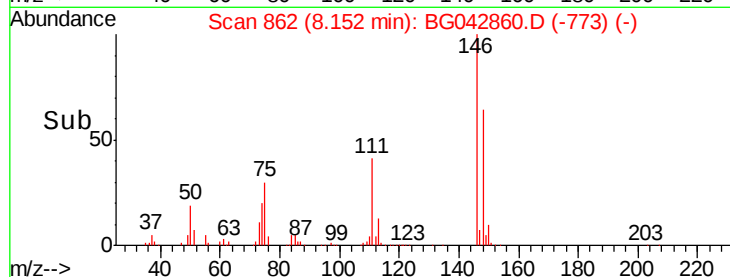
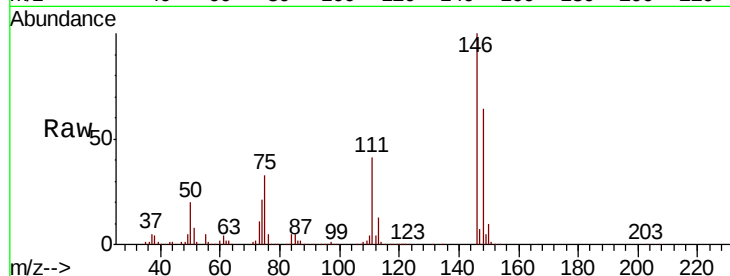




#13
 1,4-Dichlorobenzene
 Concen: 37.966 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

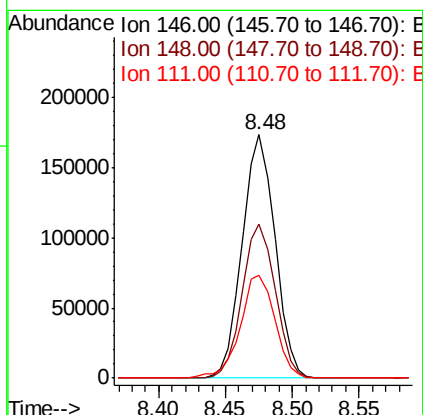
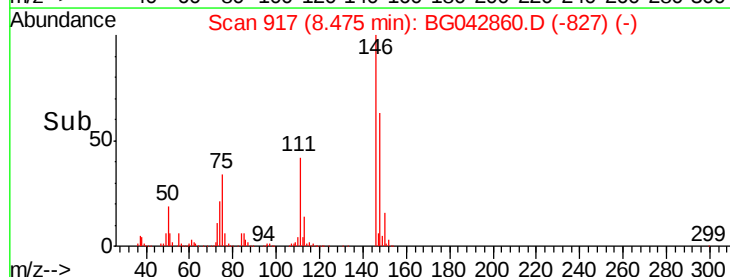
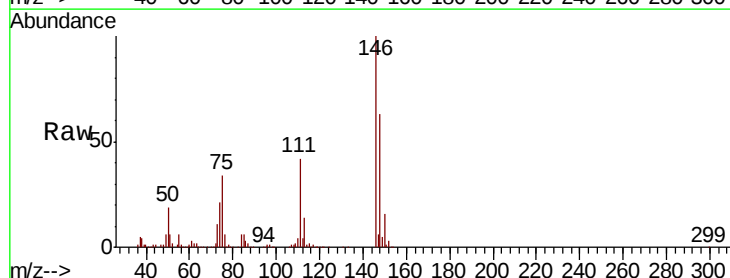
Instrument :
 BNA_G
 ClientSampled :

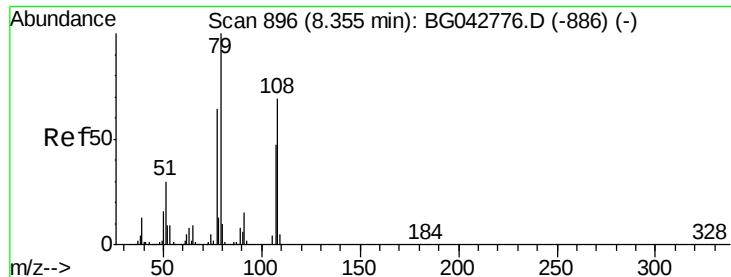
Tot Ion:146 Resp: 312702
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 40.9 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 37.535 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion:146 Resp: 294283
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.6 78.8
 111 42.1 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.096 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

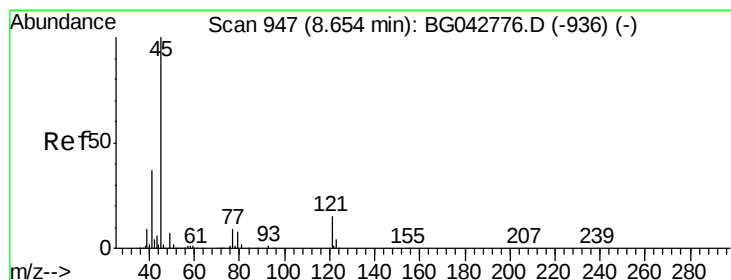
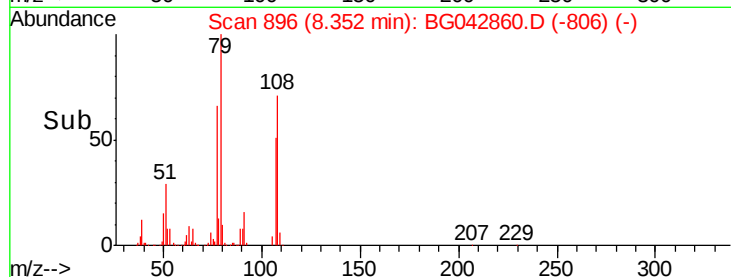
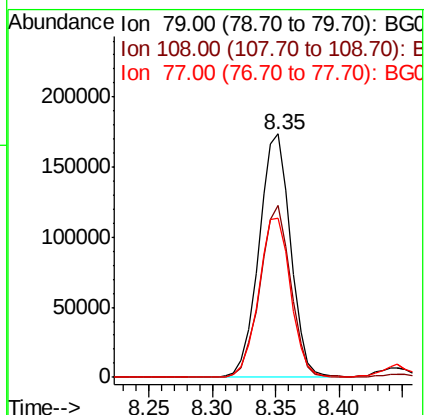
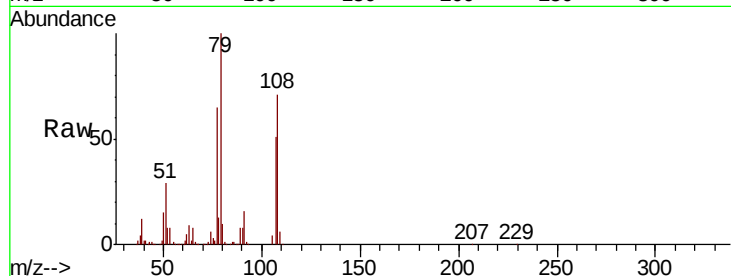
Tot Ion: 79 Resp: 300493

Ion Ratio Lower Upper

79 100

108 70.6 54.9 82.3

77 65.5 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.469 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

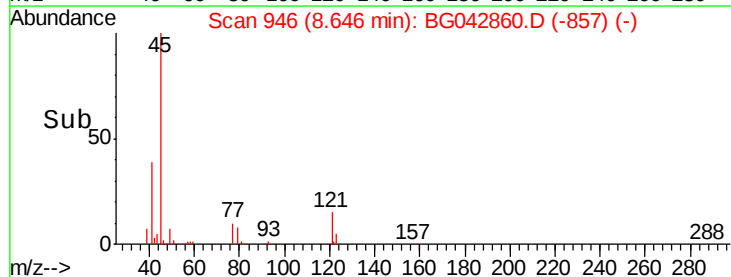
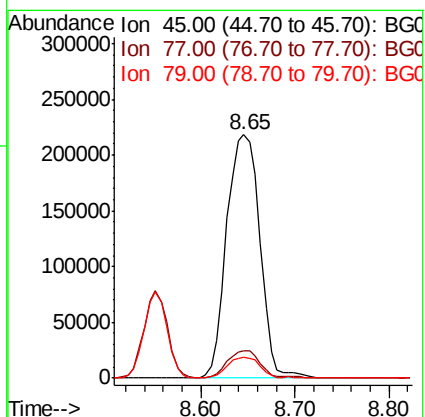
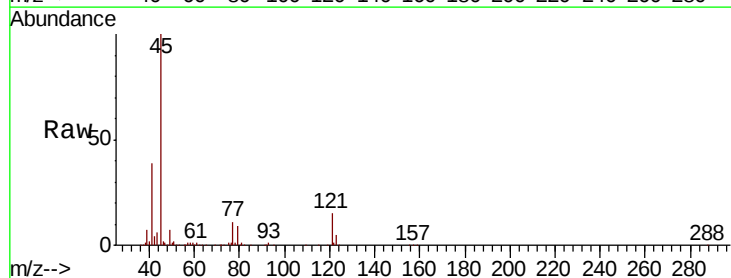
Tgt Ion: 45 Resp: 533577

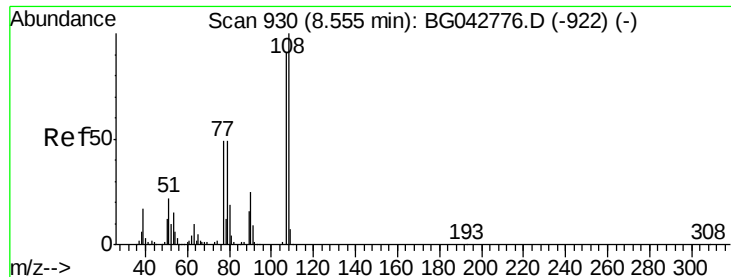
Ion Ratio Lower Upper

45 100

77 11.1 0.0 29.4

79 8.8 0.0 28.4

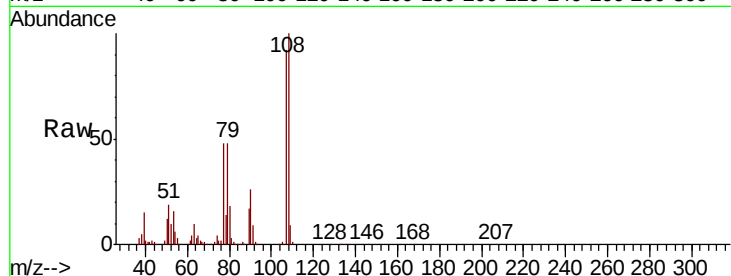




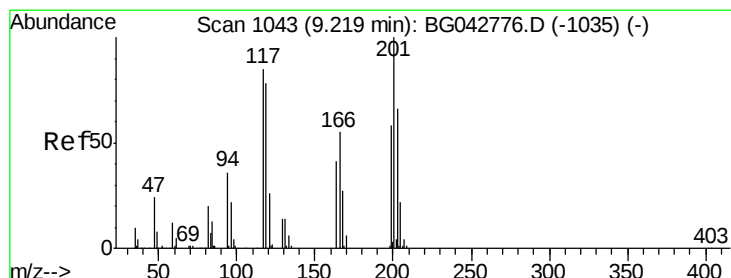
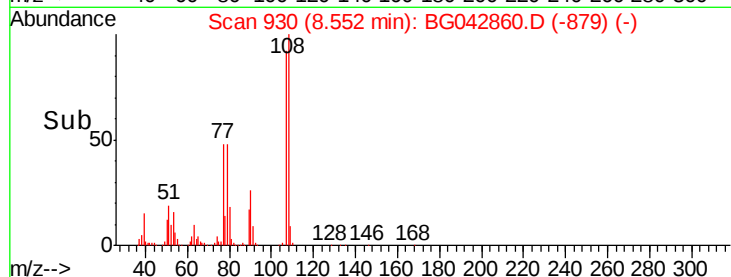
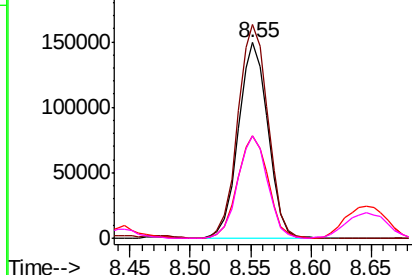
#17
2-Methylphenol
Concen: 41.439 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	254634
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.7	131.5
77	52.3	42.6	64.0
79	52.1	43.4	65.2

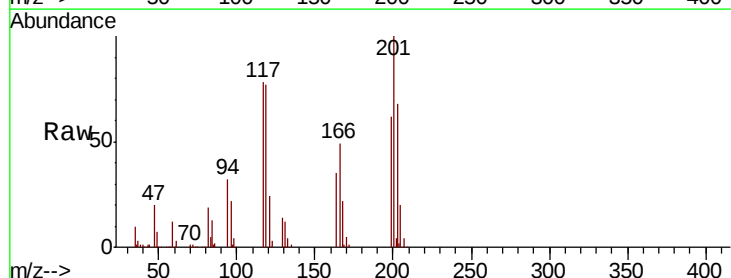


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
200000 Ion 77.00 (76.70 to 77.70): BG
150000 Ion 79.00 (78.70 to 79.70): BG
100000
50000
0

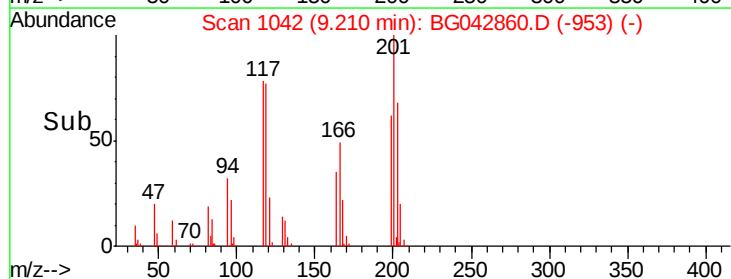
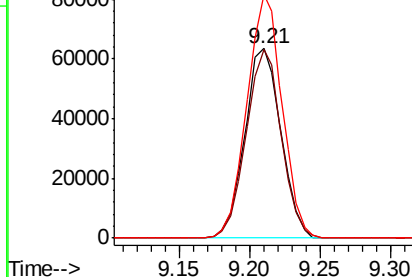


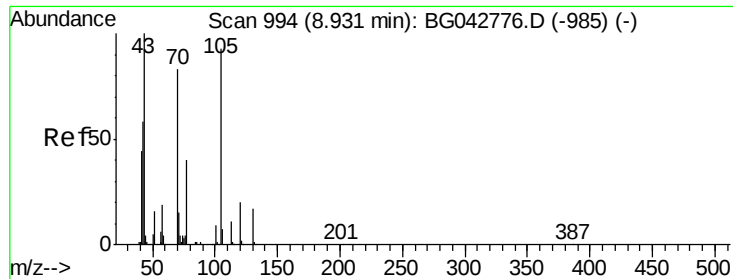
#18
Hexachloroethane
Concen: 37.598 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:	117	Resp:	114326
Ion	Ratio	Lower	Upper
117	100		
119	99.2	73.8	110.8
201	128.4	94.6	142.0



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
80000 Ion 201.00 (200.70 to 201.70): E
60000
40000
20000
0

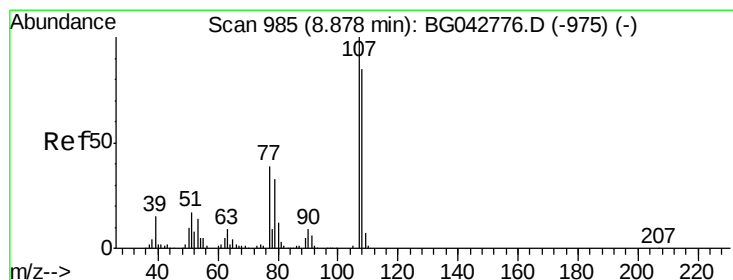
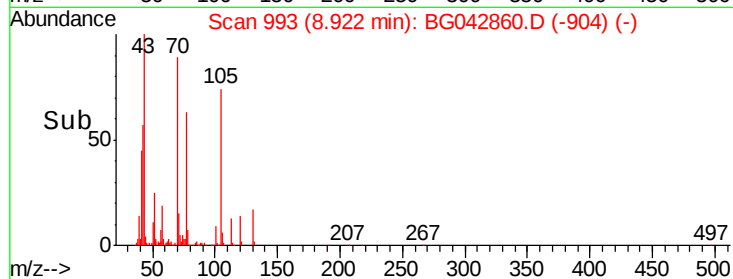
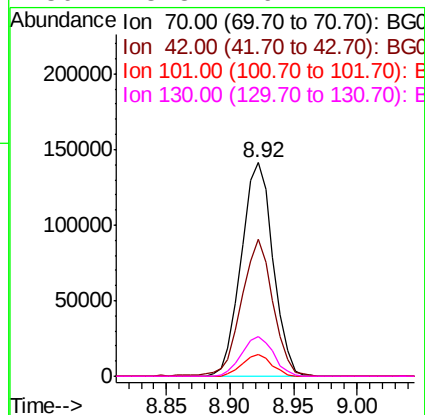
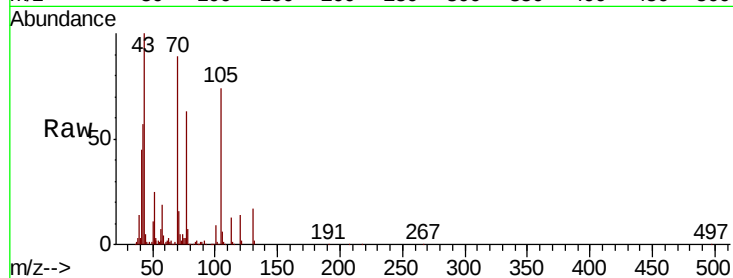




#19
n-Nitroso-di-n-propylamine
Concen: 37.220 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

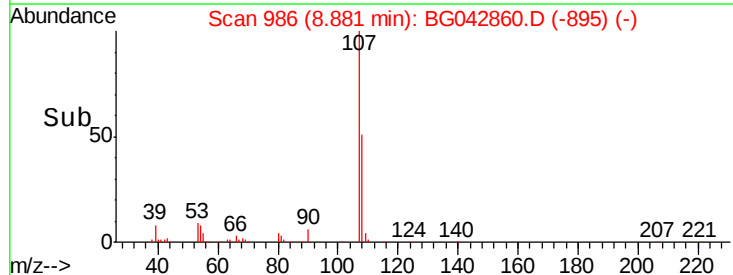
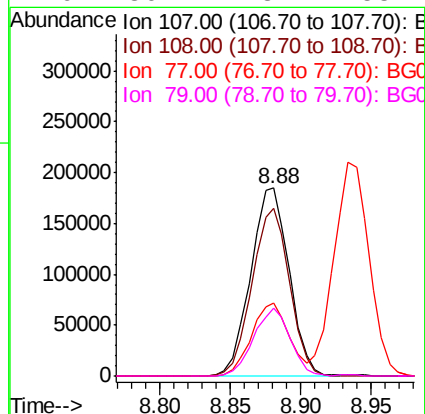
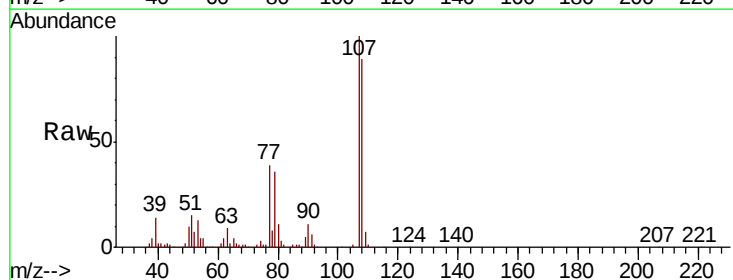
Instrument :
BNA_G
ClientSampleId :

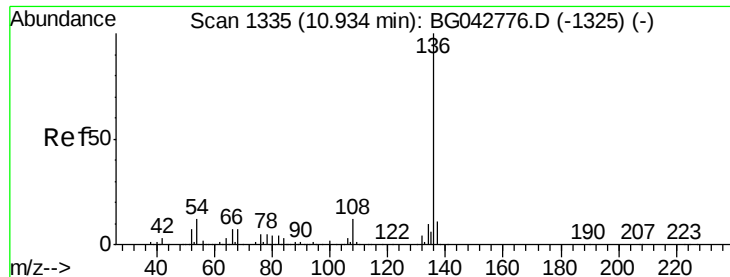
Tot Ion:	70	Resp:	245633
Ion	Ratio	Lower	Upper
70	100		
42	64.2	57.0	85.6
101	10.3	8.4	12.6
130	18.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 41.656 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:	107	Resp:	352845
Ion	Ratio	Lower	Upper
107	100		
108	89.0	65.4	105.4
77	39.0	18.7	58.7
79	36.2	13.7	53.7

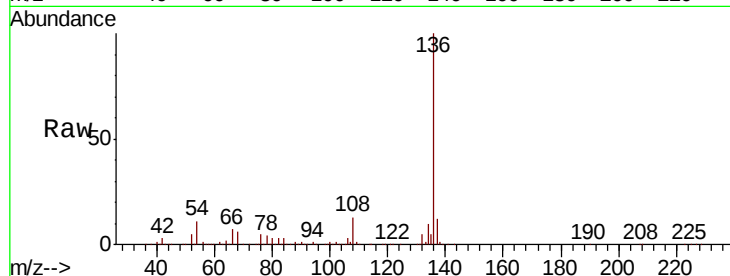




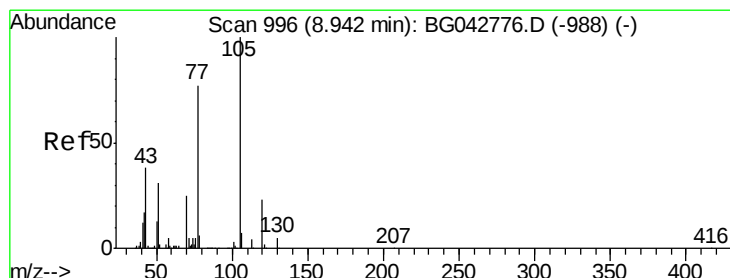
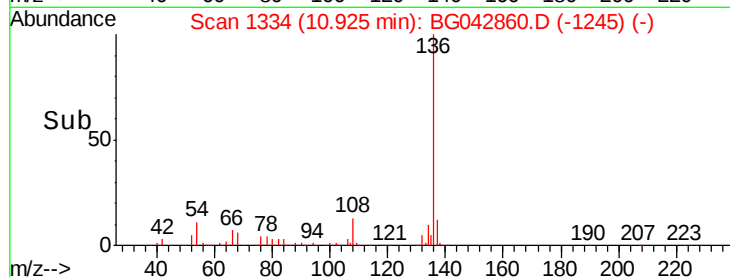
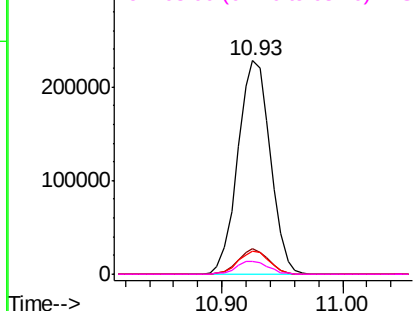
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	426041
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.0 13.6
54	11.0	9.4 14.0
68	5.9	5.4 8.2

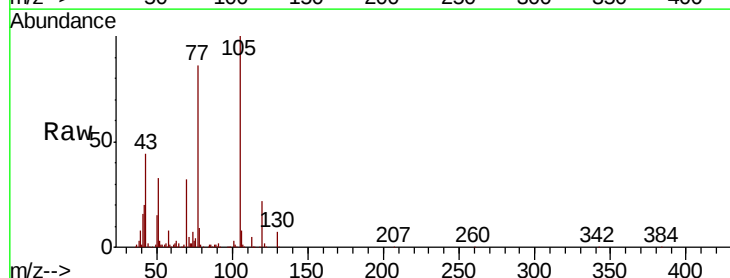


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

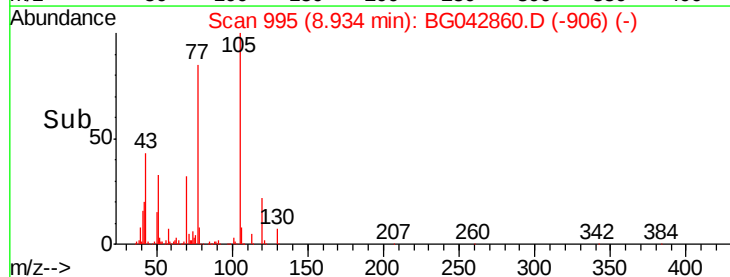
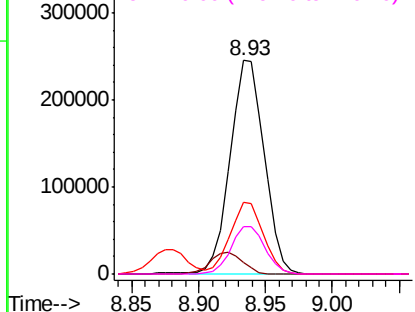


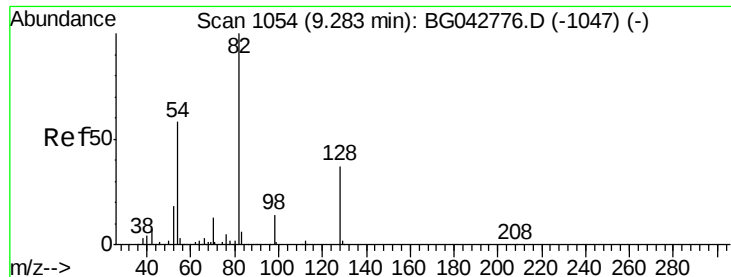
#22
Acetophenone
Concen: 40.523 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:105	Resp:	436018
Ion	Ratio	Lower Upper
105	100	
71	5.4	3.7 5.5
51	33.4	28.8 43.2
120	22.4	18.5 27.7



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

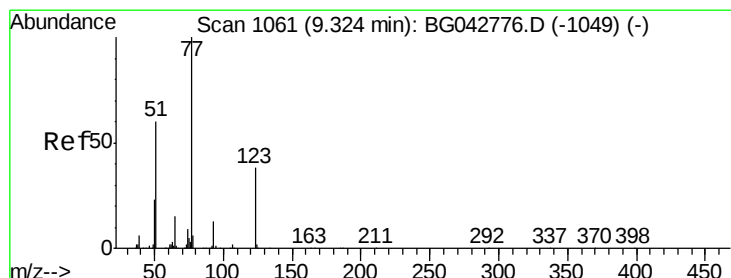
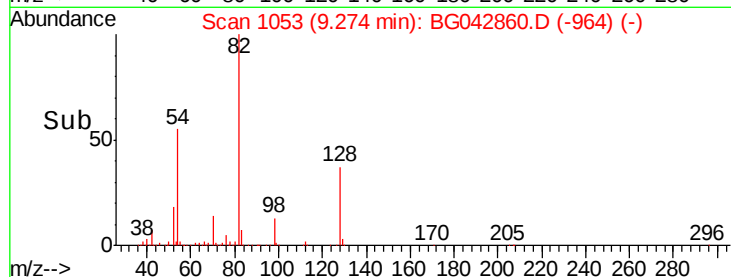
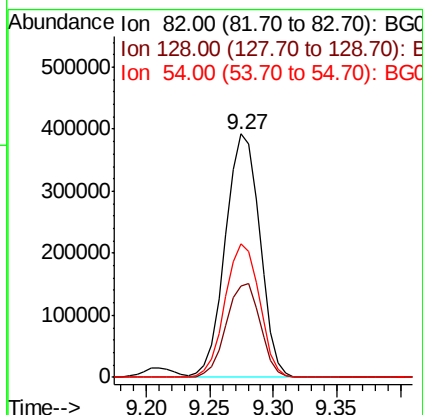
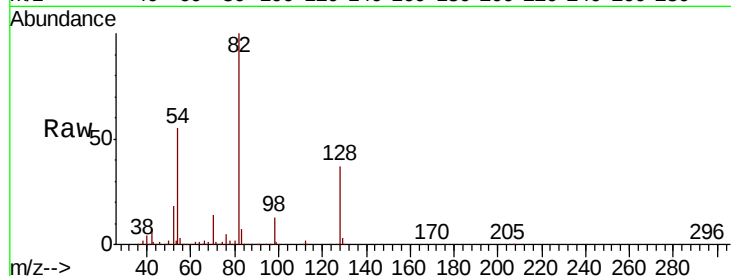




#23
 Nitrobenzene-d5
 Concen: 90.338 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

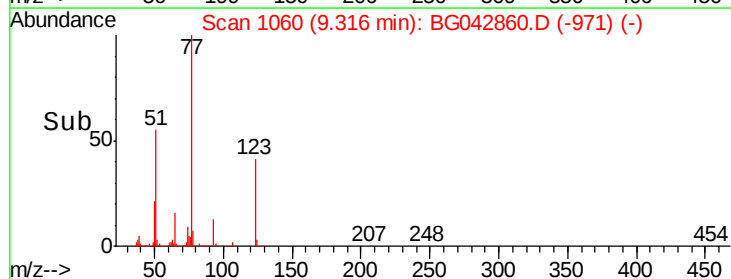
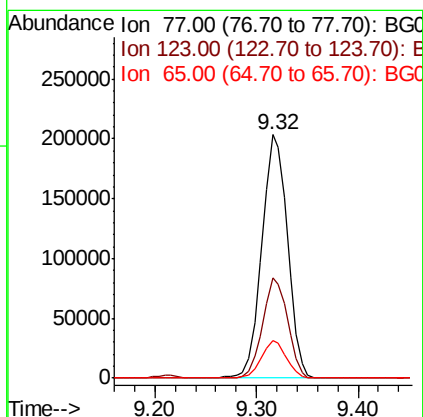
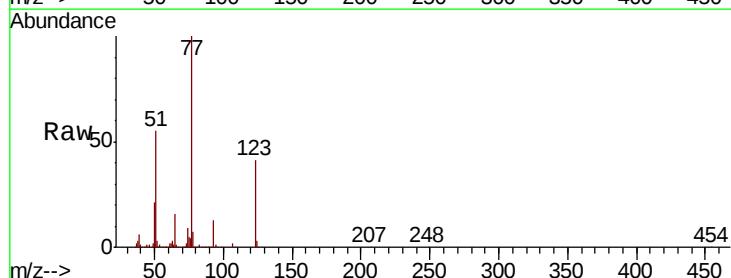
Instrument :
 BNA_G
 ClientSampled :

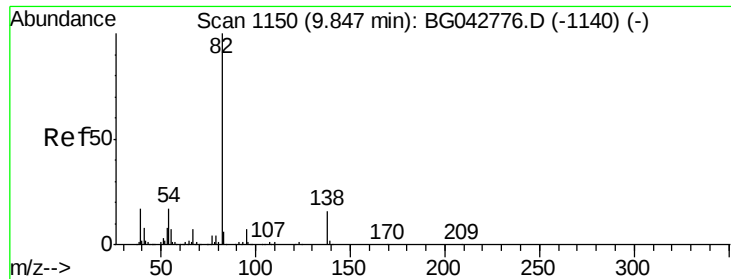
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.8	44.8
54	54.7	46.1	69.1



#24
 Nitrobenzene
 Concen: 41.645 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	30.7	46.1
65	15.7	12.2	18.4





#25

Isophorone

Concen: 39.035 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampled :

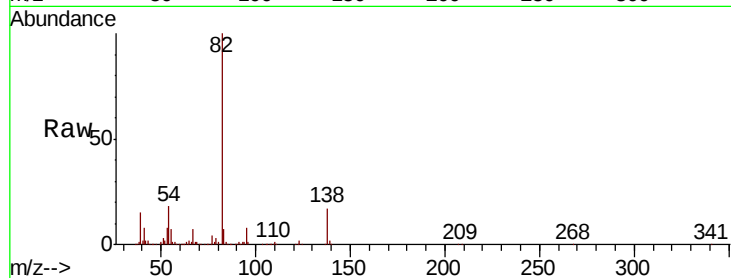
Tot Ion: 82 Resp: 665838

Ion Ratio Lower Upper

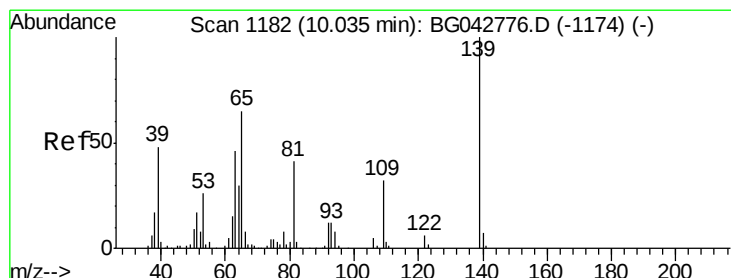
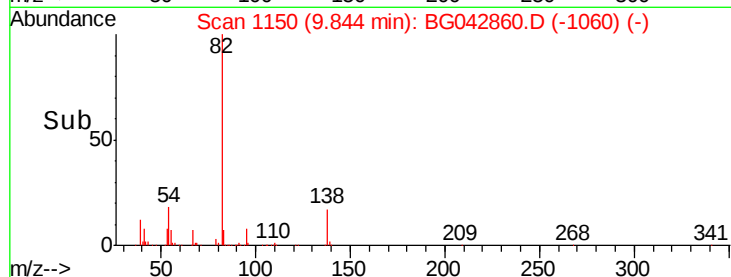
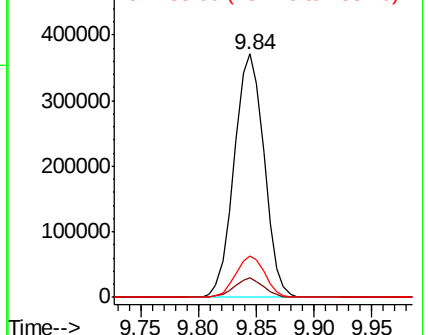
82 100

95 8.3 5.8 8.8

138 16.8 12.9 19.3



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: 48.601 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

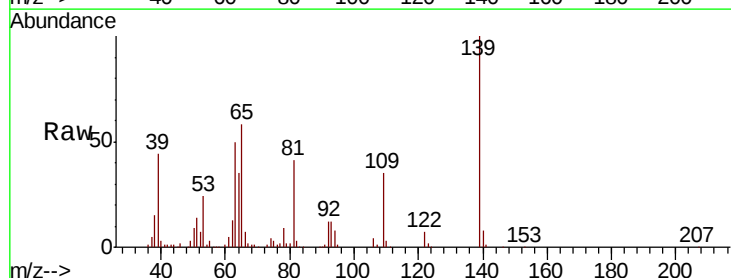
Tgt Ion: 139 Resp: 164155

Ion Ratio Lower Upper

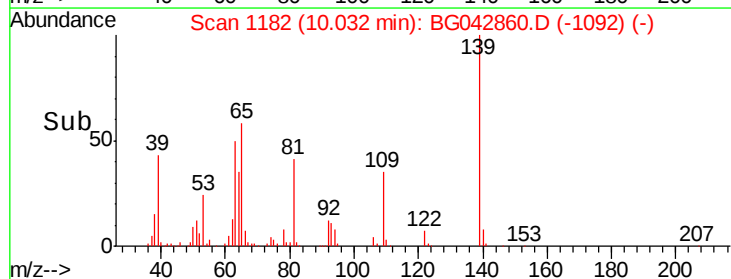
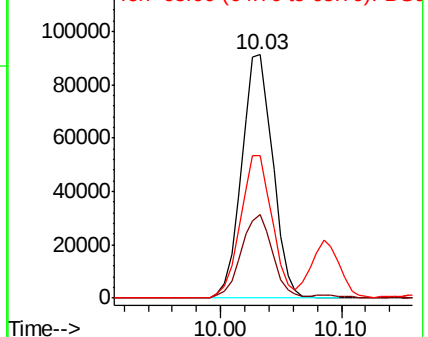
139 100

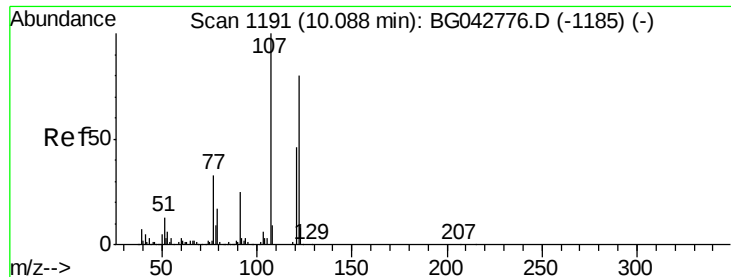
109 34.6 25.8 38.8

65 58.4 52.2 78.2



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: 47.018 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

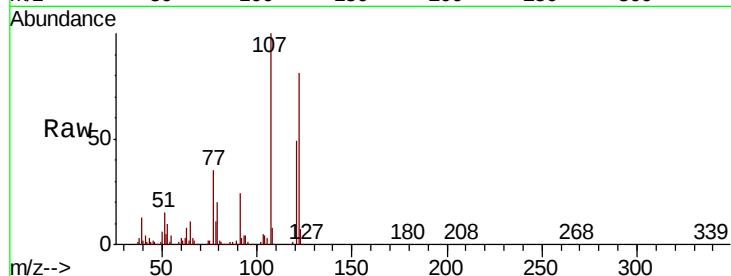
Tot Ion:122 Resp: 280919

Ion Ratio Lower Upper

122 100

107 123.6 98.9 148.3

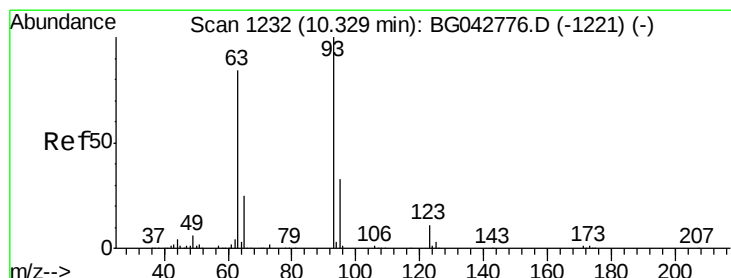
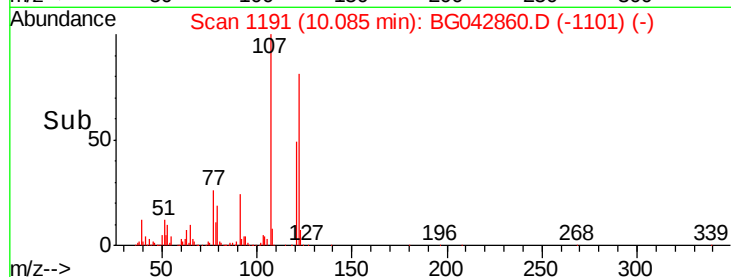
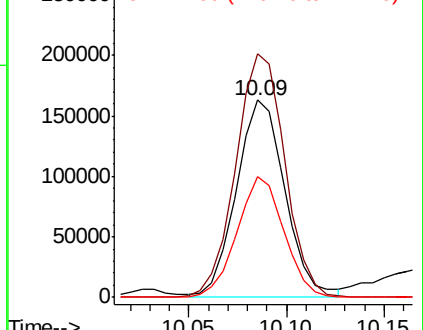
121 61.0 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.535 ng

RT: 10.32 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

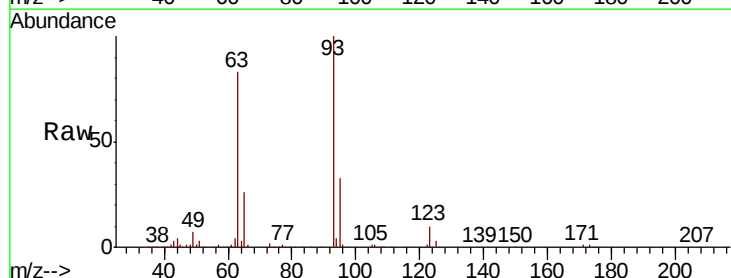
Tgt Ion: 93 Resp: 376074

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

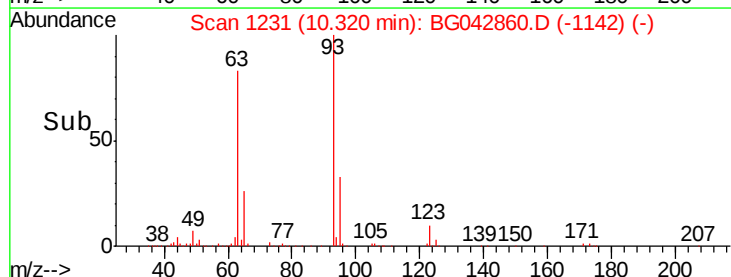
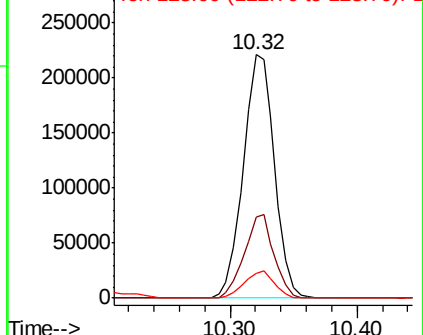
123 10.3 9.0 13.6

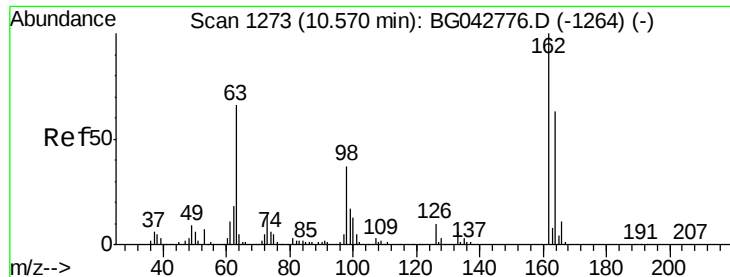


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

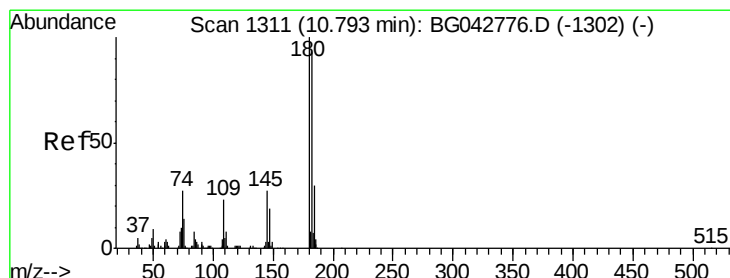
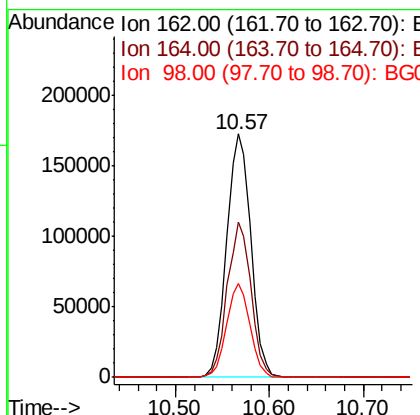
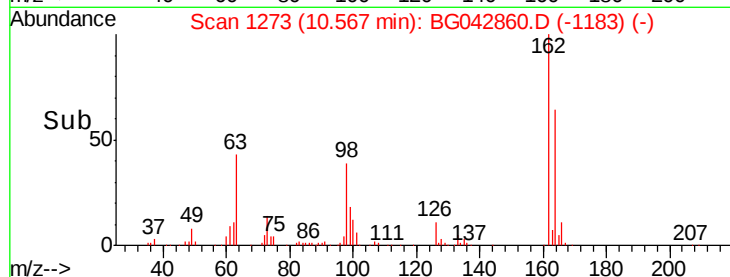
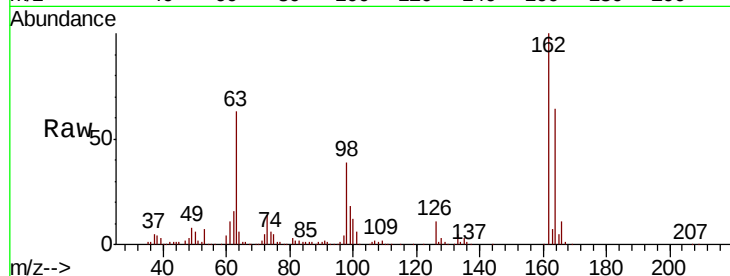




#29
 2,4-Dichlorophenol
 Concen: 44.200 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

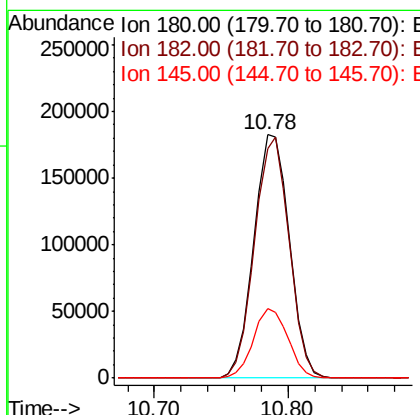
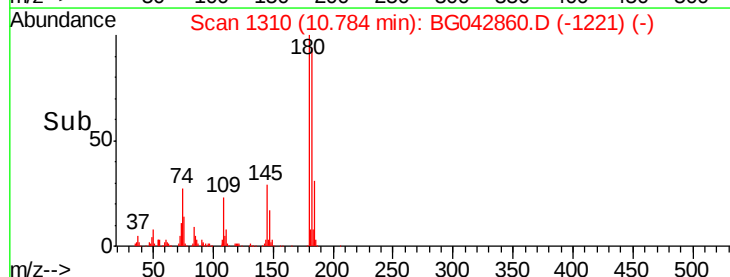
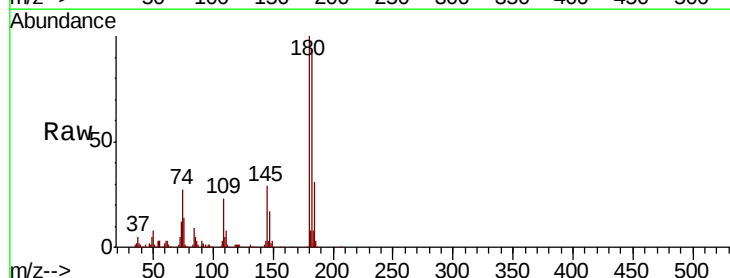
Instrument :
 BNA_G
 ClientSampleId :

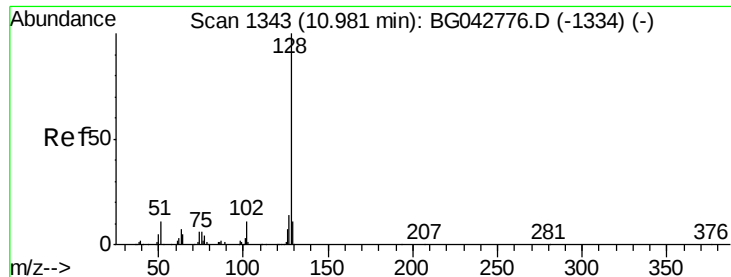
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.4	83.4
98	38.6	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.512 ng
 RT: 10.78 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.6	112.0
145	28.5	21.8	32.6

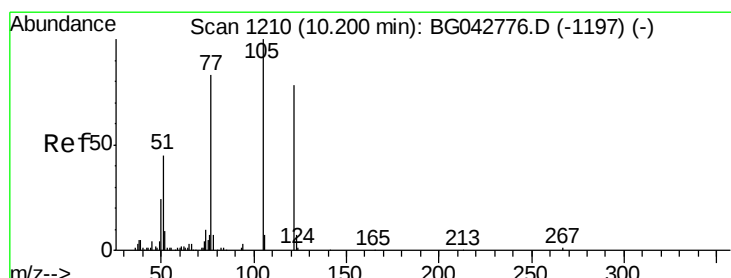
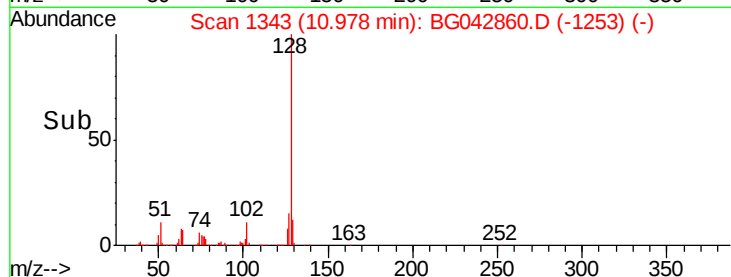
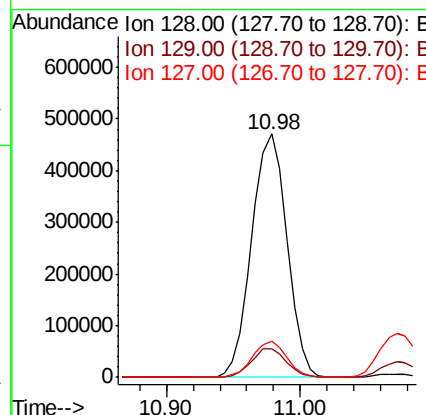
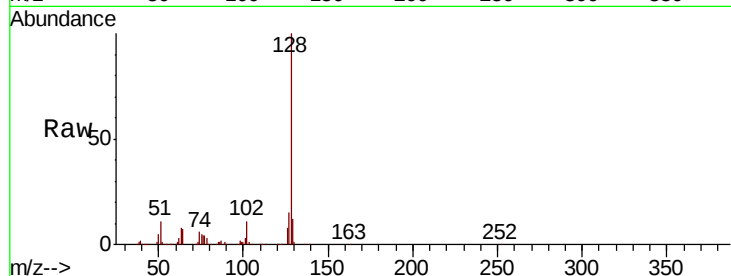




#31
Naphthalene
Concen: 40.937 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

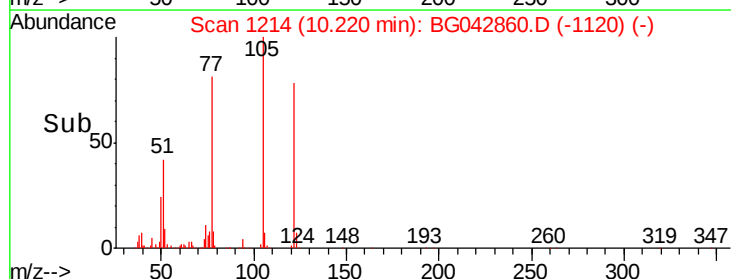
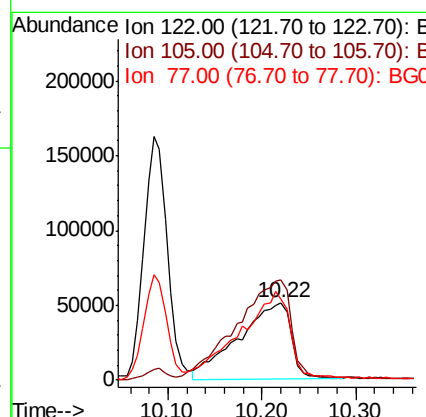
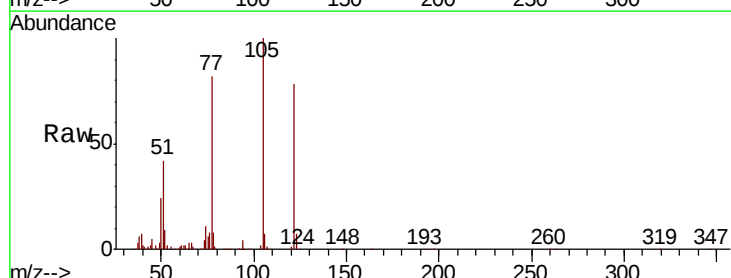
Instrument :
BNA_G
ClientSampleId :

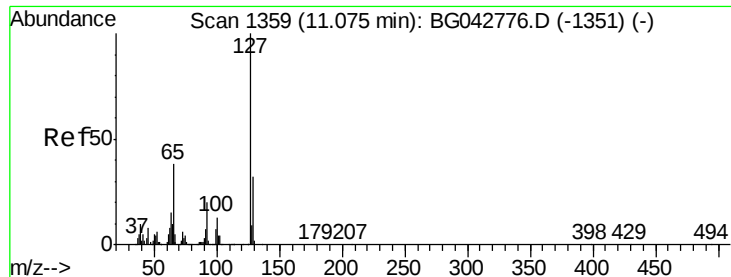
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.7	11.4	17.2



#32
Benzoic acid
Concen: 41.736 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	104.0	144.0
77	104.7	84.2	124.2

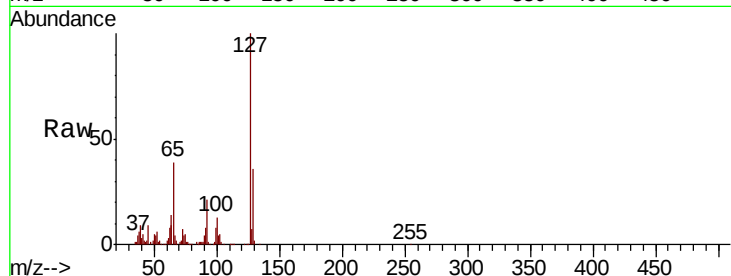




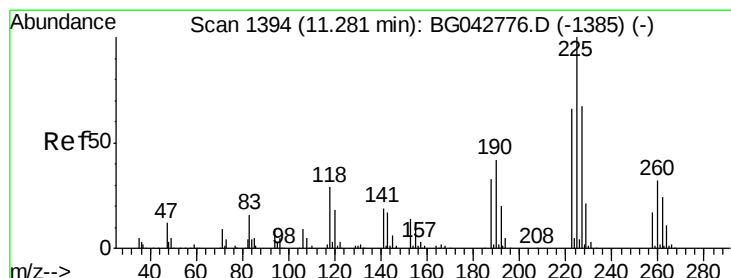
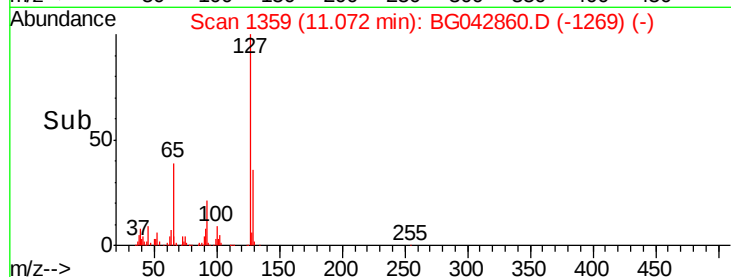
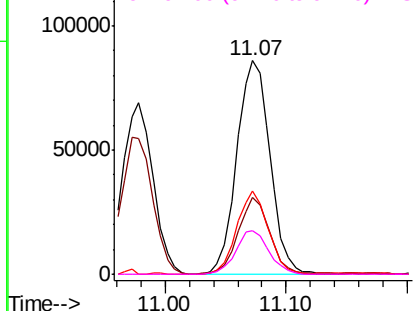
#33
4-Chloroaniline
Concen: 16.658 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	163781
Ion	Ratio	Lower	Upper
127	100		
129	36.0	25.8	38.6
65	39.0	30.5	45.7
92	20.6	15.9	23.9

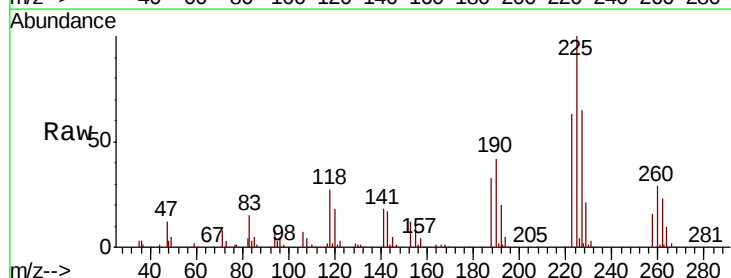


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

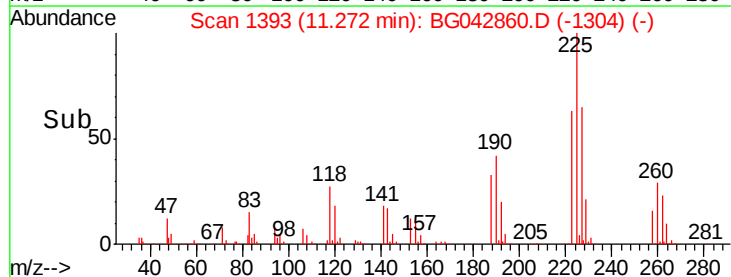
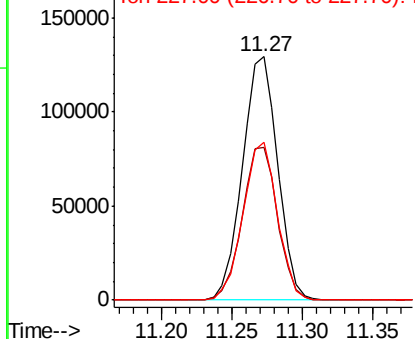


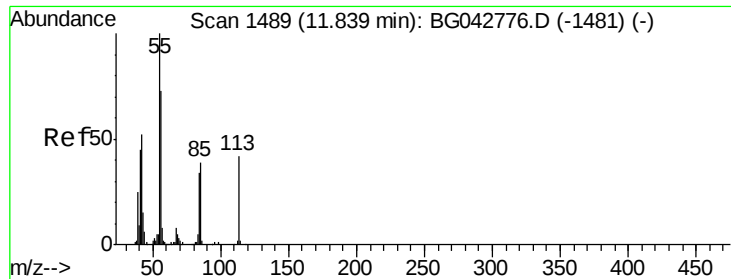
#34
Hexachlorobutadiene
Concen: 38.121 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:	225	Resp:	226407
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.6	79.0
227	64.9	53.6	80.4



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

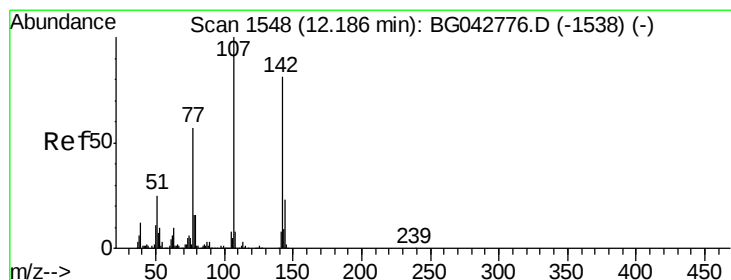
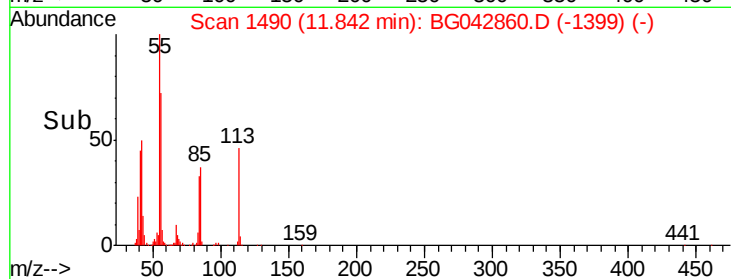
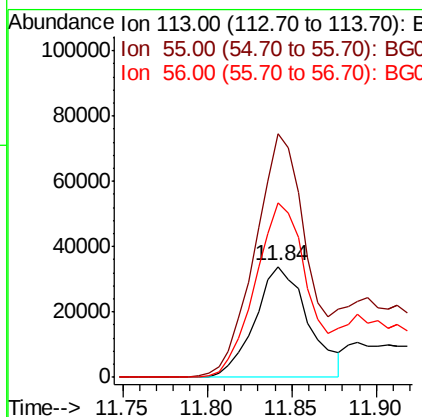
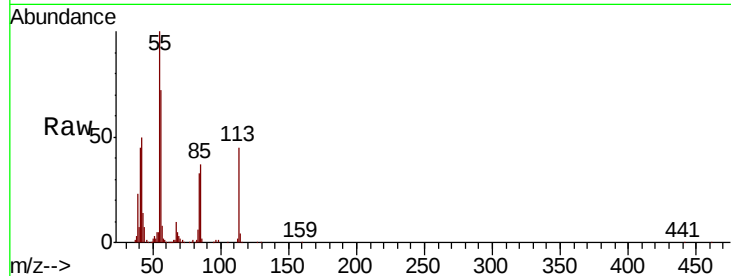




#35
 Caprolactam
 Concen: 28.752 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

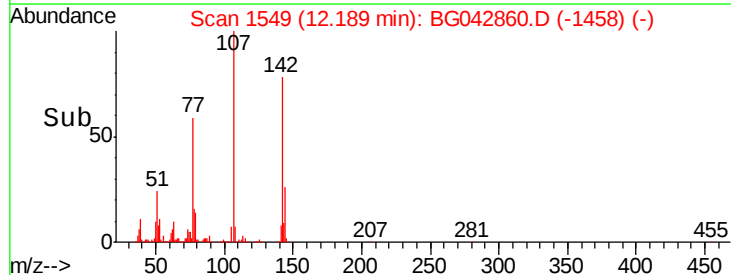
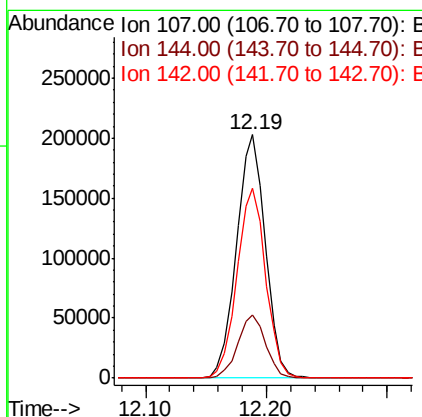
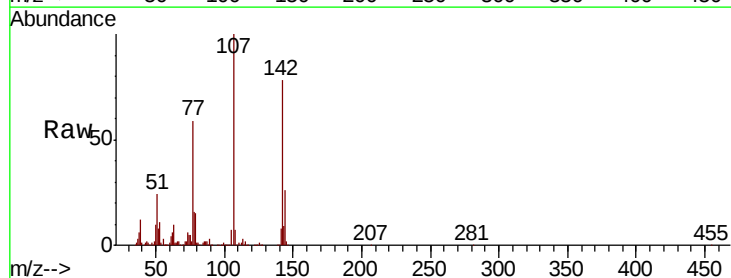
Instrument :
 BNA_G
 ClientSampleId :

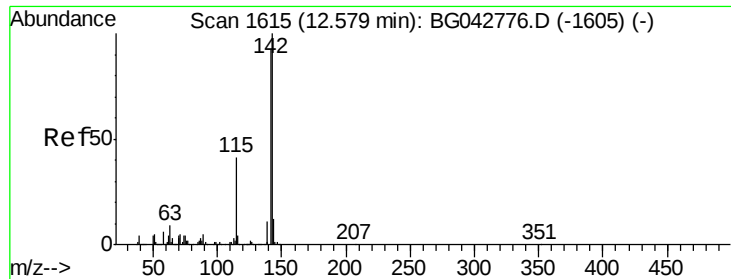
Tot Ion:113 Resp: 74235
 Ion Ratio Lower Upper
 113 100
 55 219.8 218.4 258.4
 56 157.4 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.678 ng
 RT: 12.19 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion:107 Resp: 336813
 Ion Ratio Lower Upper
 107 100
 144 25.9 18.7 28.1
 142 78.0 65.0 97.4

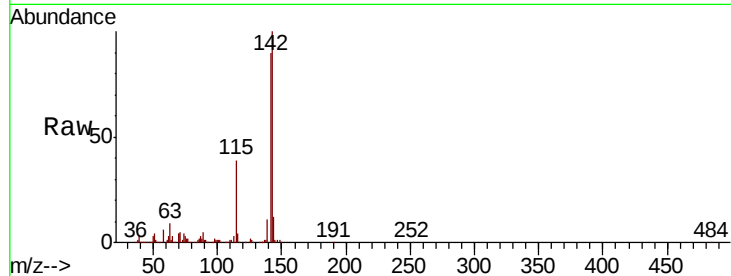




#37
2-Methylnaphthalene
Concen: 41.576 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.8	110.8
115	39.3	33.0	49.4

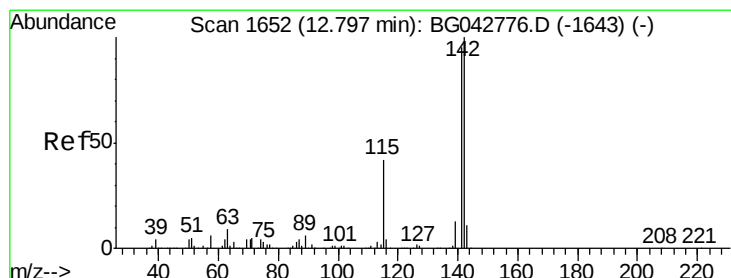
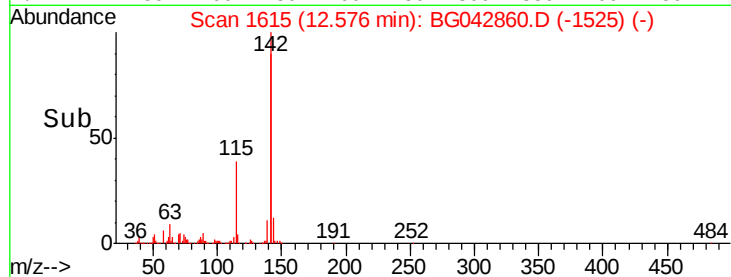
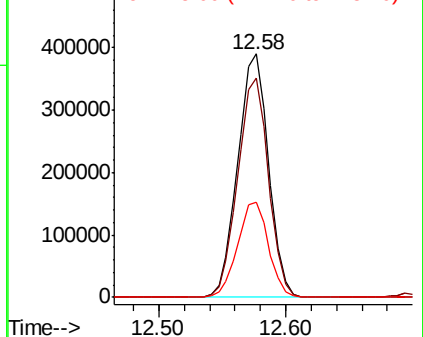


Abundance

Ion 142.00 (141.70 to 142.70): E

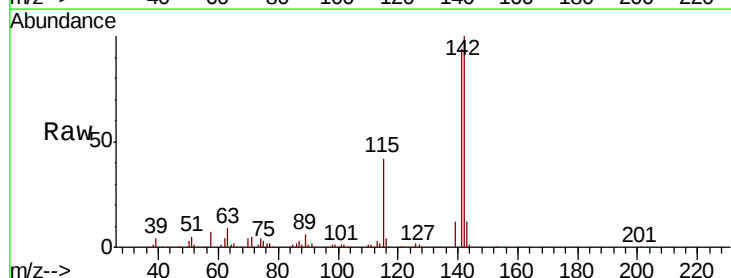
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.367 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.3	114.5
116	4.3	3.4	5.0

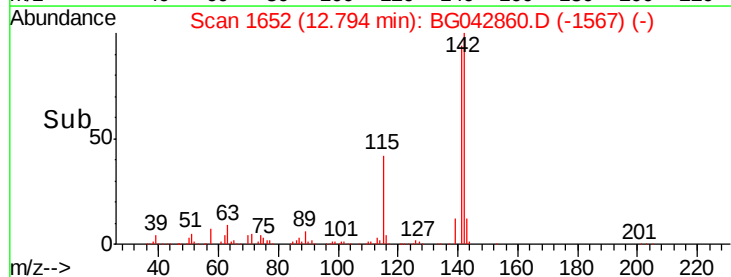
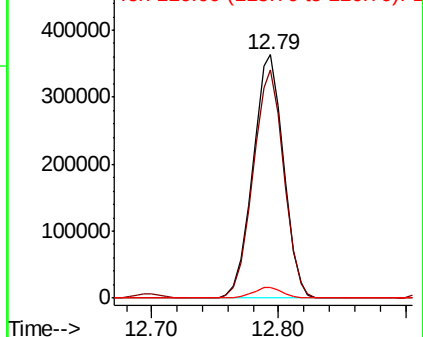


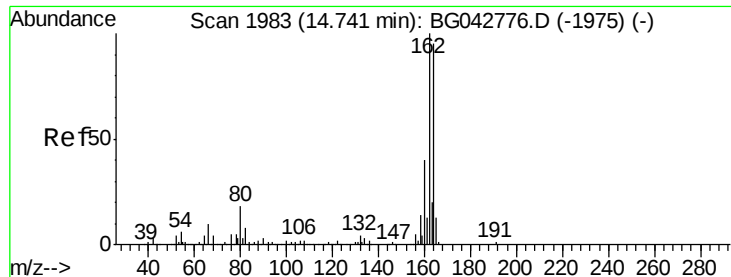
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampled :

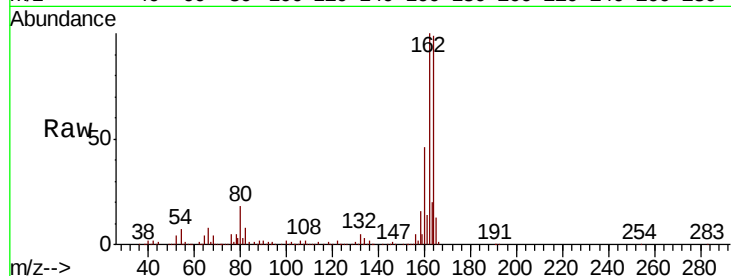
Tot Ion:164 Resp: 296911

Ion Ratio Lower Upper

164 100

162 101.1 84.6 126.8

160 46.9 34.2 51.2

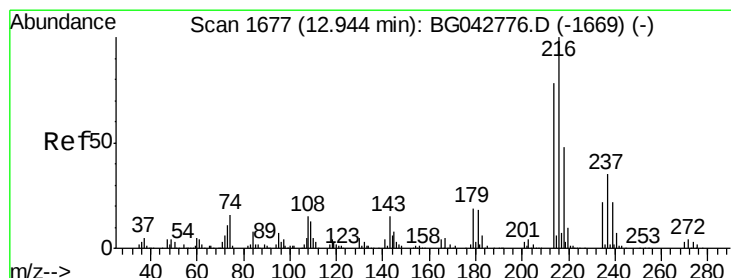
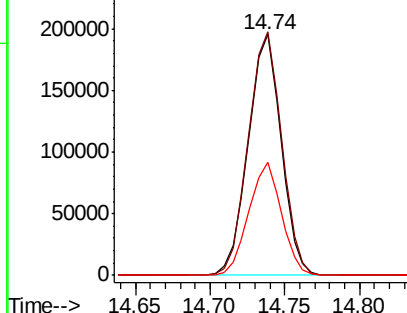
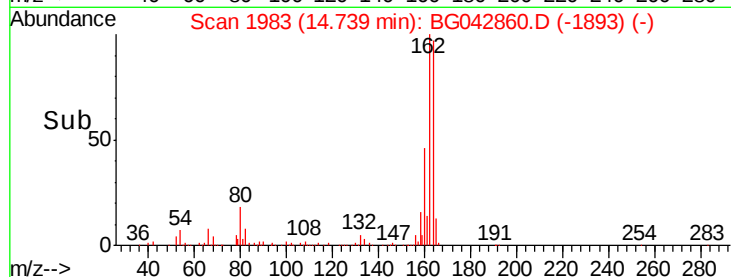


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.580 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:216 Resp: 407955

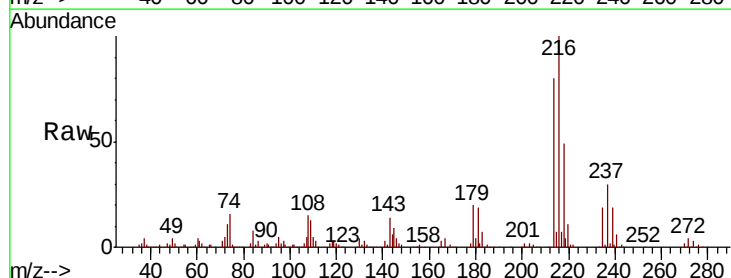
Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

179 20.1 15.3 22.9

108 17.0 12.9 19.3



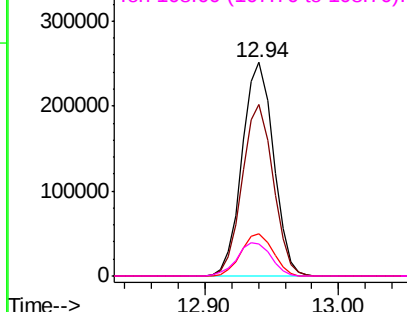
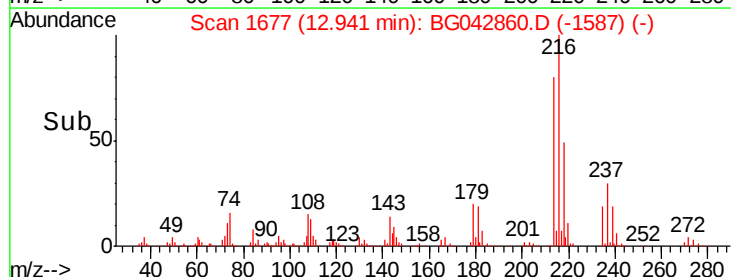
Abundance

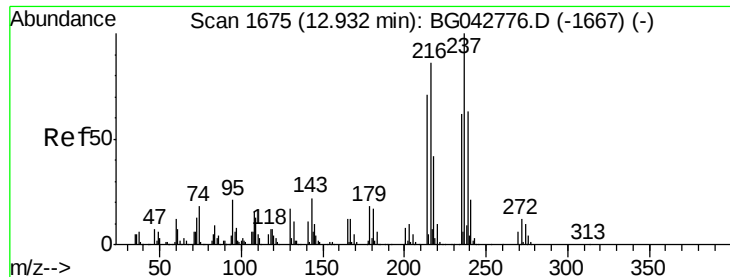
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.935 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

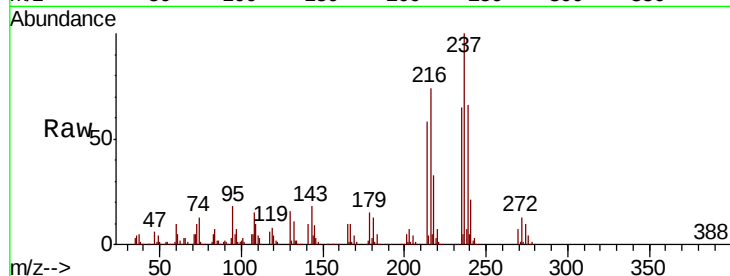
Tot Ion:237 Resp: 342491

Ion Ratio Lower Upper

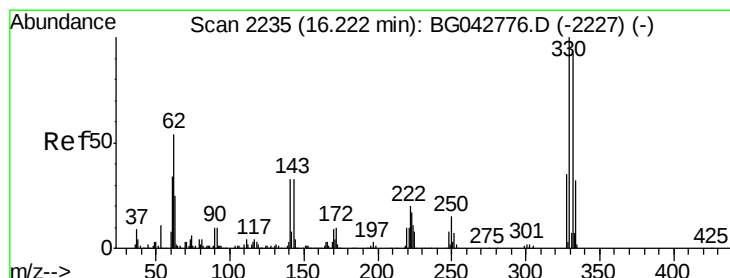
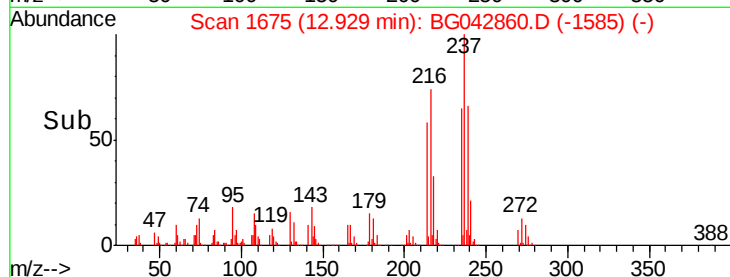
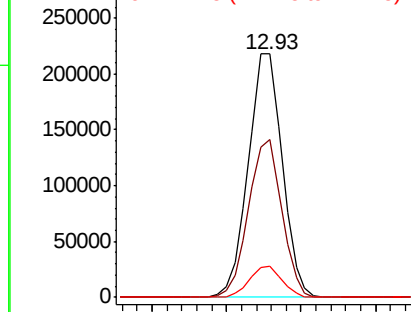
237 100

235 64.7 41.9 81.9

272 12.9 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 123.924 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

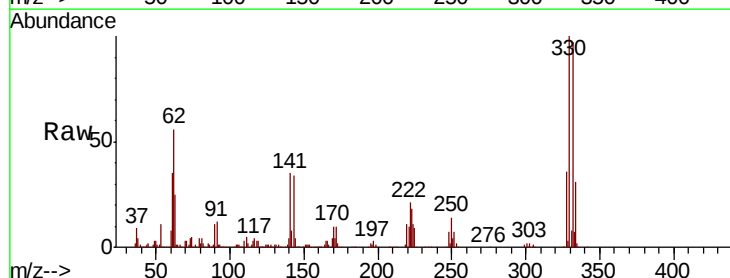
Tgt Ion:330 Resp: 489520

Ion Ratio Lower Upper

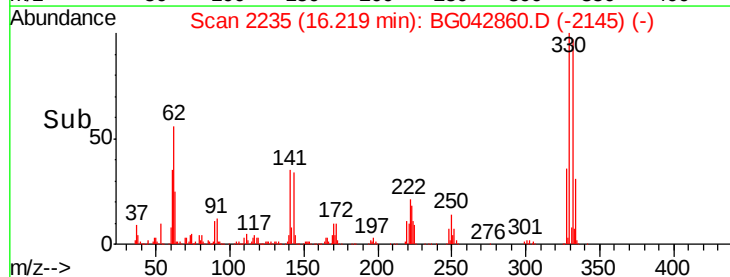
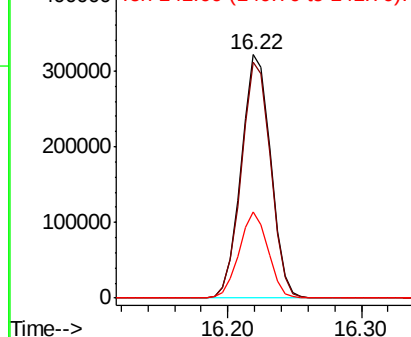
330 100

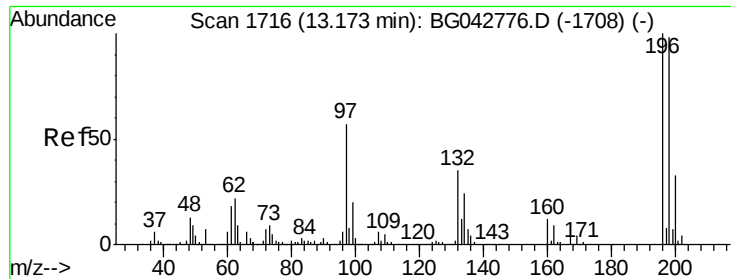
332 96.6 76.7 115.1

141 34.8 27.0 40.6



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

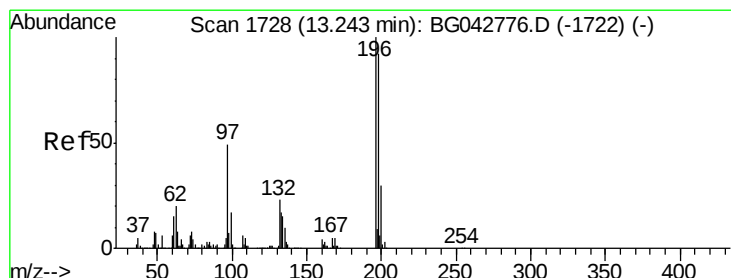
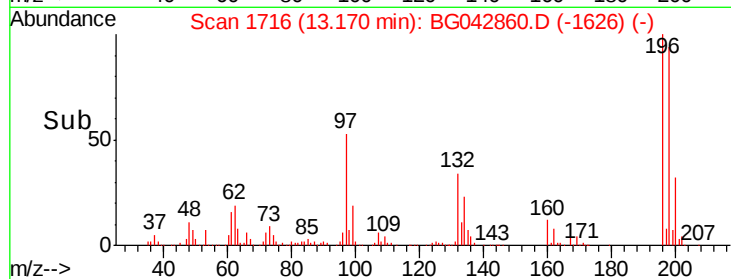
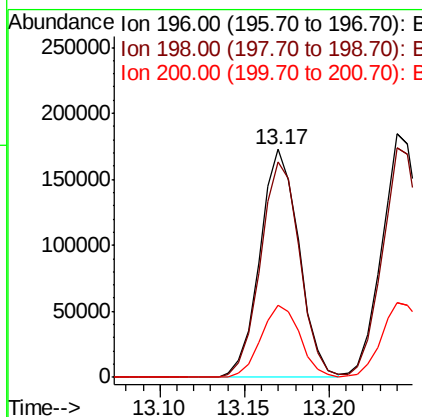
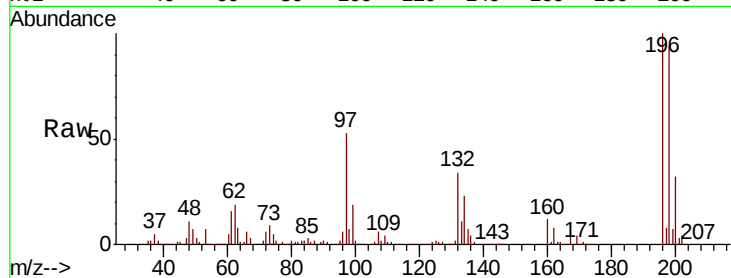




#43
 2,4,6-Trichlorophenol
 Concen: 42.473 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

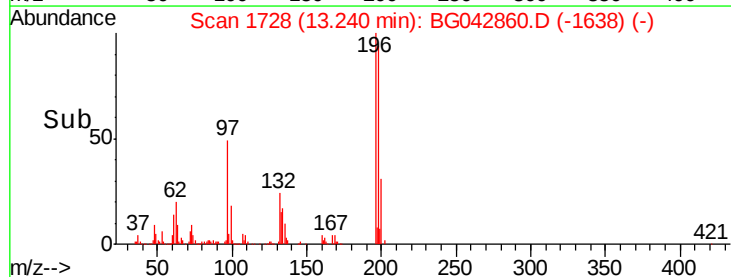
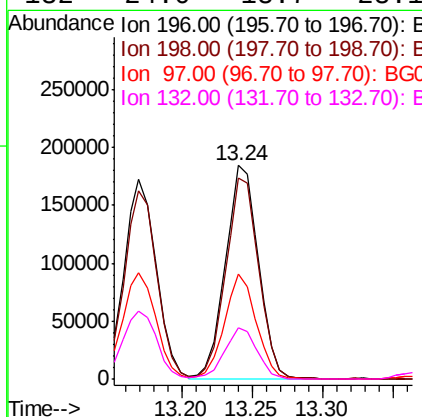
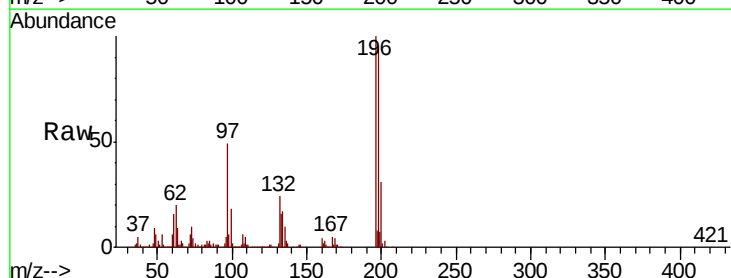
Instrument :
 BNA_G
 ClientSampled :

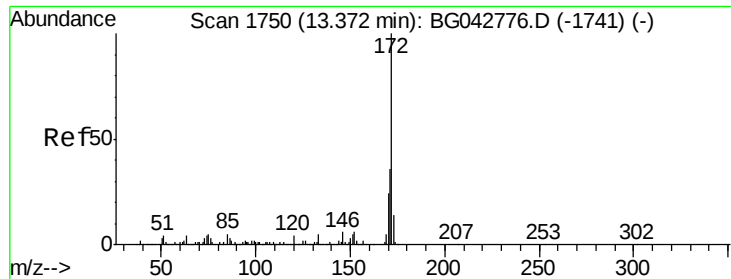
Tot Ion:196 Resp: 277432
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.8 118.2
 200 31.9 26.2 39.4



#44
 2,4,5-Trichlorophenol
 Concen: 44.655 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion:196 Resp: 298763
 Ion Ratio Lower Upper
 196 100
 198 94.2 73.4 110.0
 97 49.3 39.2 58.8
 132 24.0 18.7 28.1

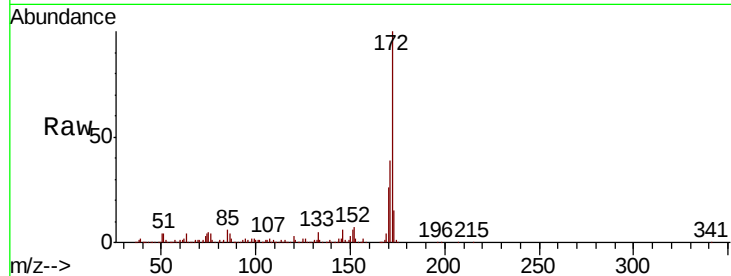




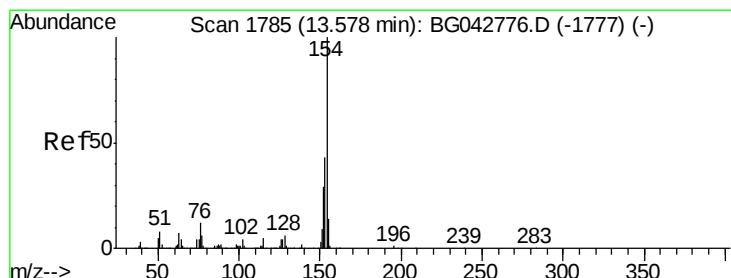
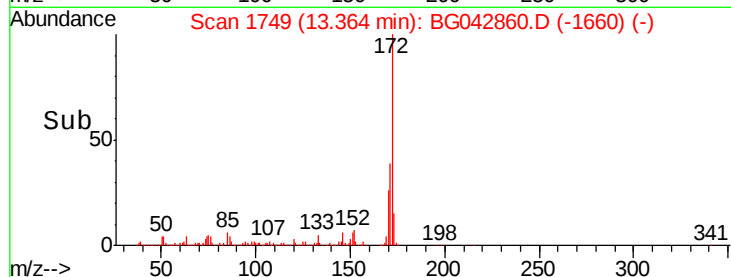
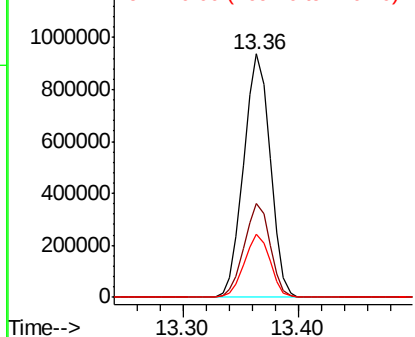
#45
2-Fluorobiphenyl
Concen: 80.006 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1500677
Ion Ratio Lower Upper
172 100
171 38.7 28.9 43.3
170 25.9 19.1 28.7

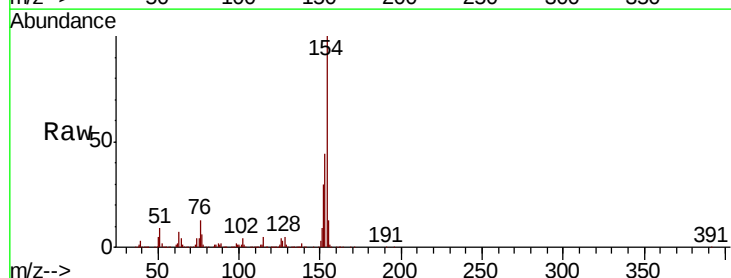


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

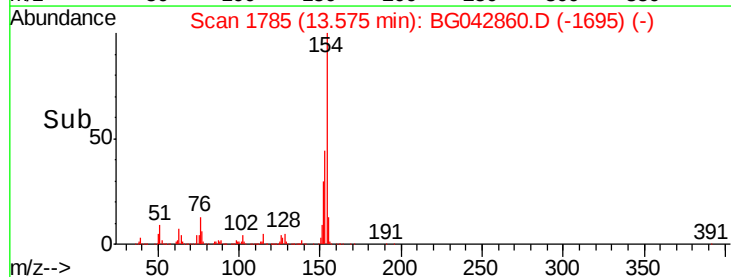
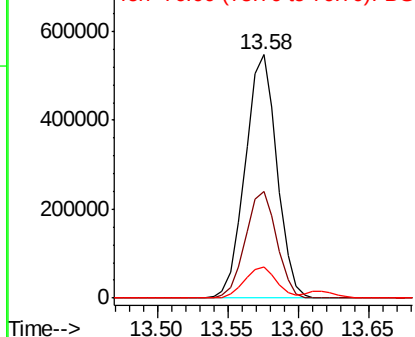


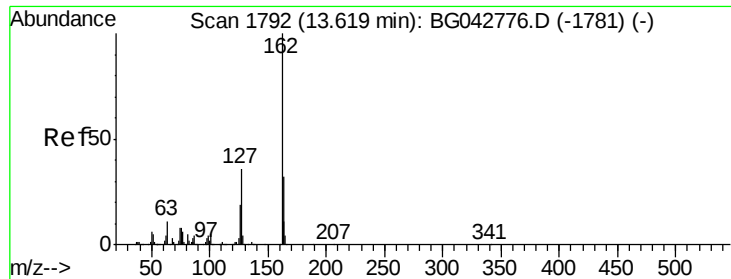
#46
1,1'-Biphenyl
Concen: 41.371 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:154 Resp: 859928
Ion Ratio Lower Upper
154 100
153 44.0 22.6 62.6
76 12.6 0.0 32.2



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): BGC

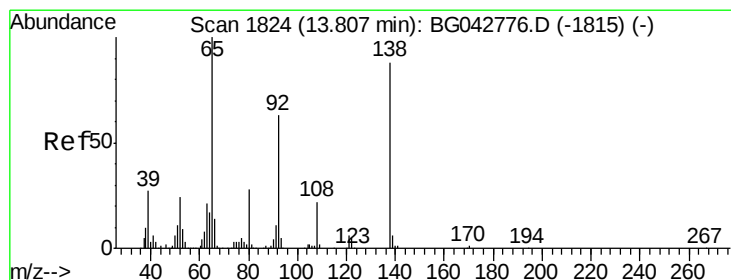
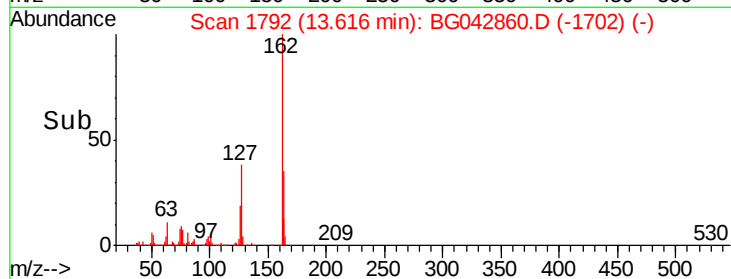
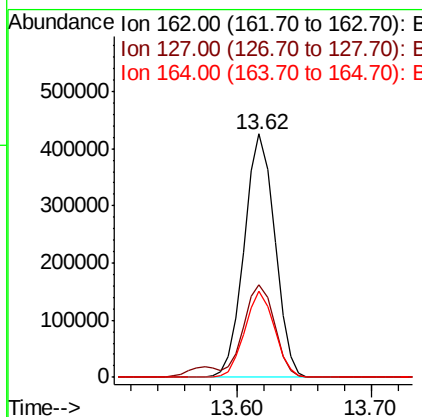
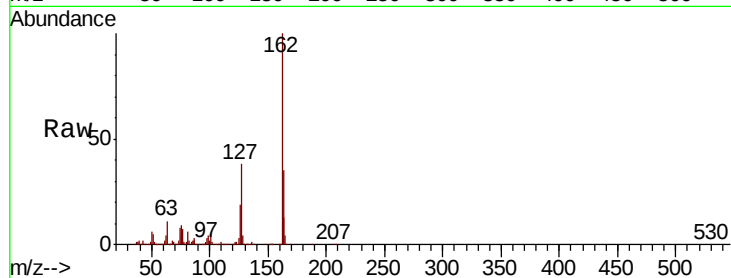




#47
2-Chloronaphthalene
Concen: 39.186 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

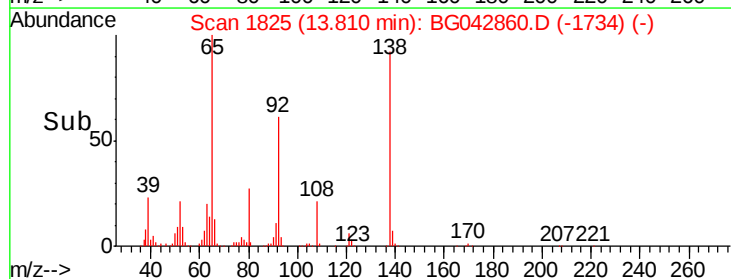
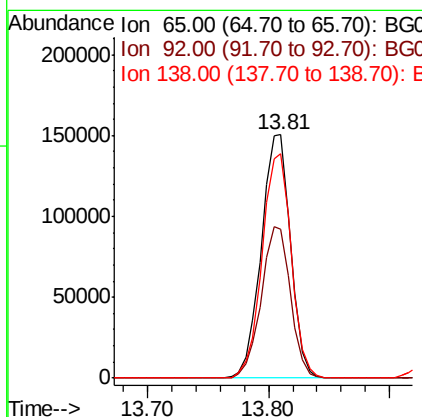
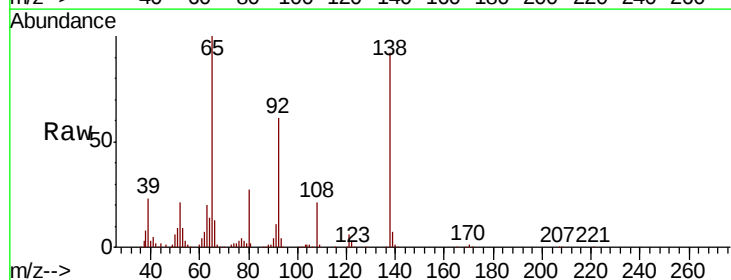
Instrument :
BNA_G
ClientSampleId :

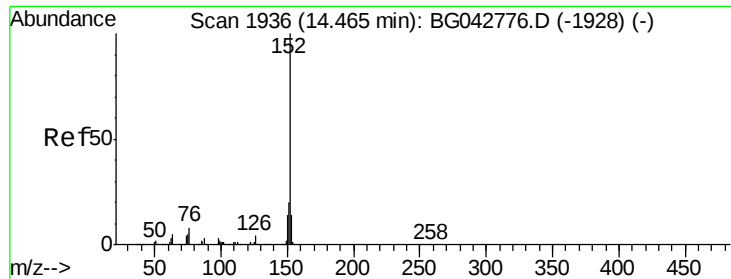
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.3	43.9
164	35.5	26.0	39.0



#48
2-Nitroaniline
Concen: 42.701 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	50.4	75.6
138	92.4	70.6	106.0





#49

Acenaphthylene

Concen: 41.146 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

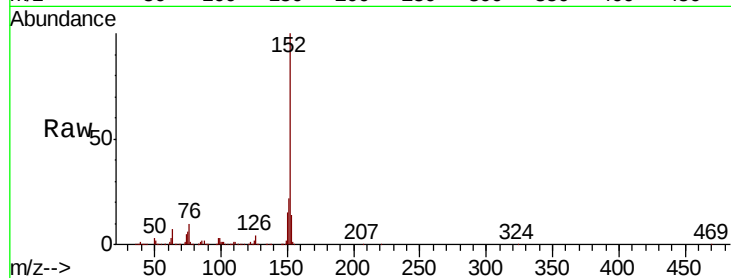
Tot Ion:152 Resp: 1081142

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.0	24.0
153	13.7	11.4	17.0

152 100

151 22.4 16.0 24.0

153 13.7 11.4 17.0

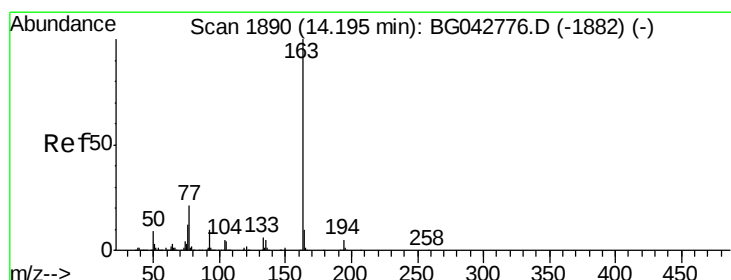
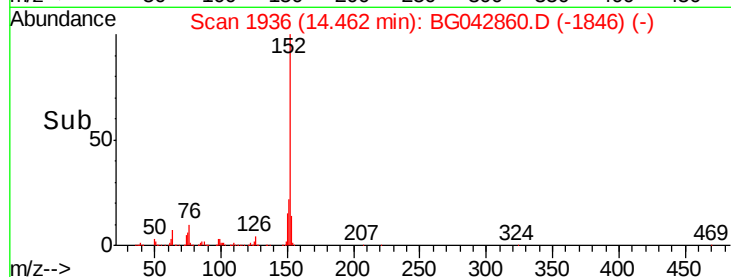
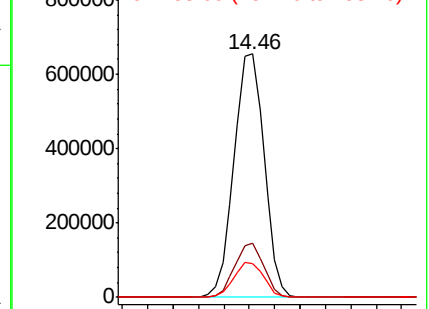


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.951 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

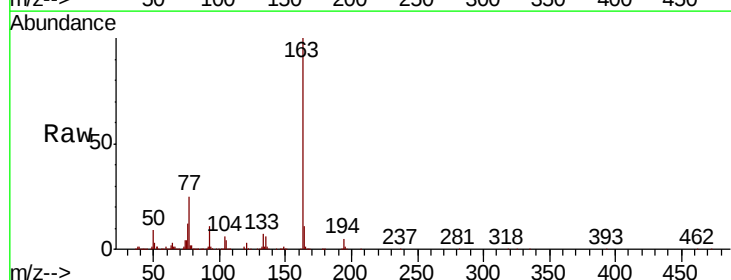
Tgt Ion:163 Resp: 1111022

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.4
164	11.2	8.4	12.6

163 100

194 5.2 4.2 6.4

164 11.2 8.4 12.6

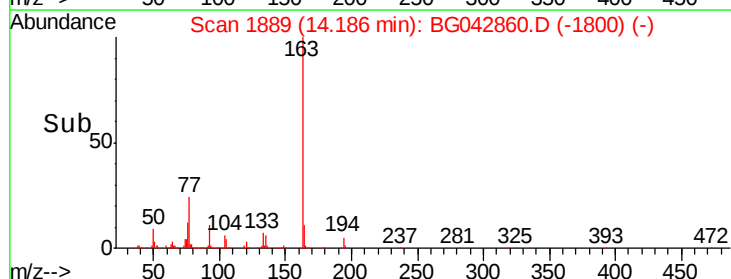
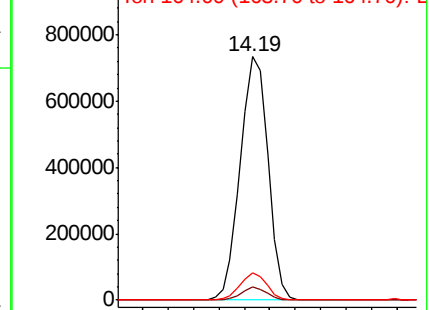


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

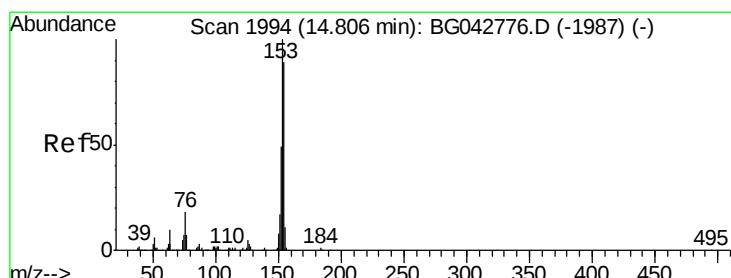
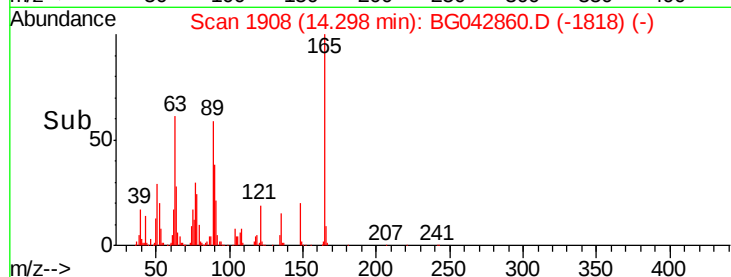
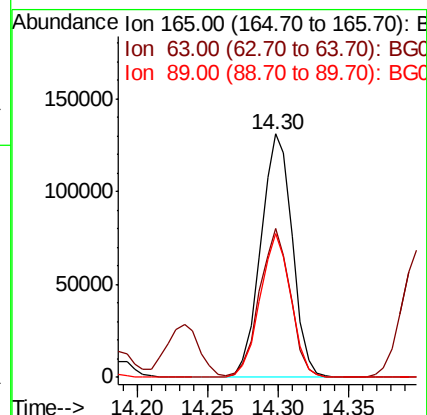
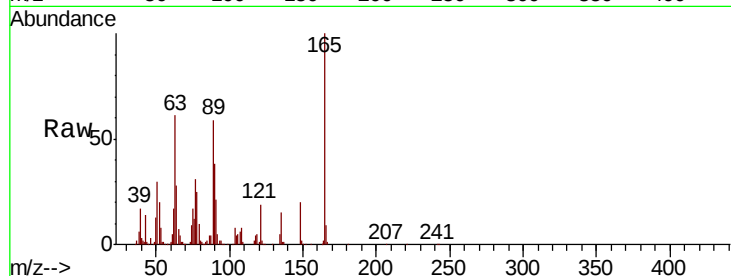




#51
 2,6-Dinitrotoluene
 Concen: 44.868 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

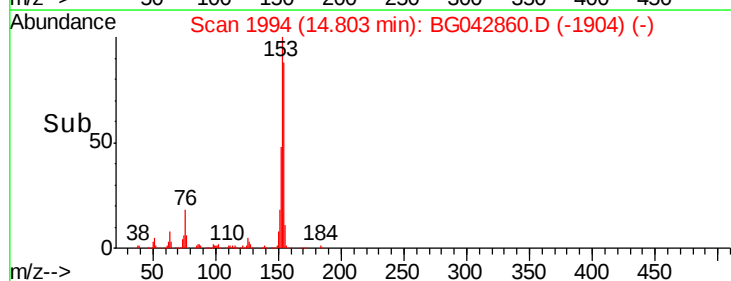
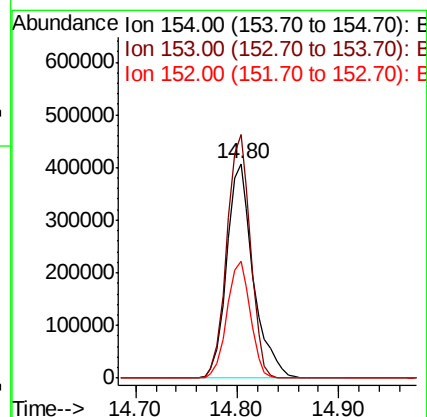
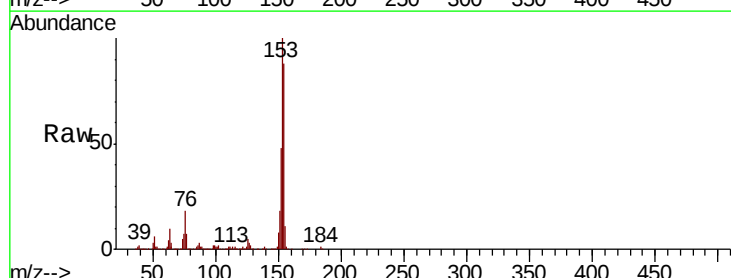
Instrument :
 BNA_G
 ClientSampleId :

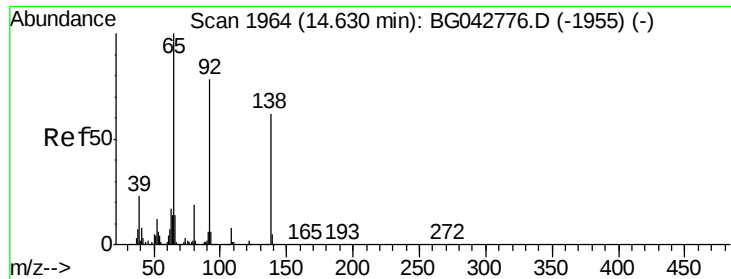
Tot Ion:165 Resp: 204776
 Ion Ratio Lower Upper
 165 100
 63 61.3 52.1 78.1
 89 58.9 51.7 77.5



#52
 Acenaphthene
 Concen: 42.976 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion:154 Resp: 737736
 Ion Ratio Lower Upper
 154 100
 153 113.7 89.4 134.2
 152 54.4 43.5 65.3

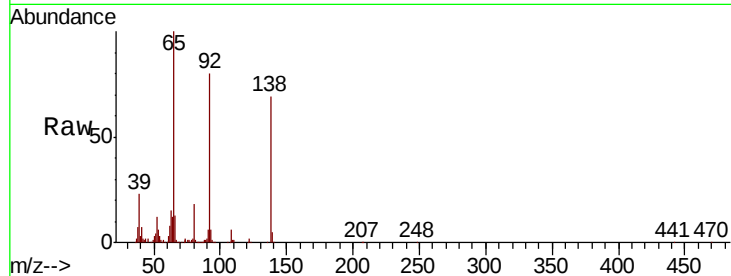




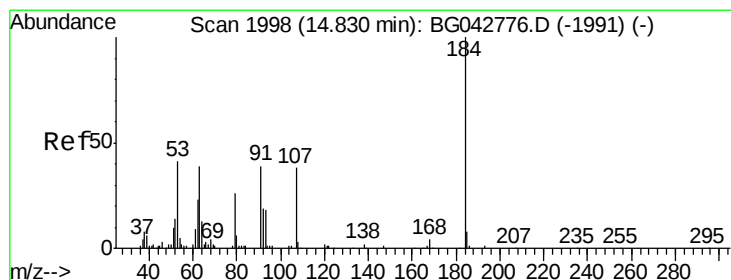
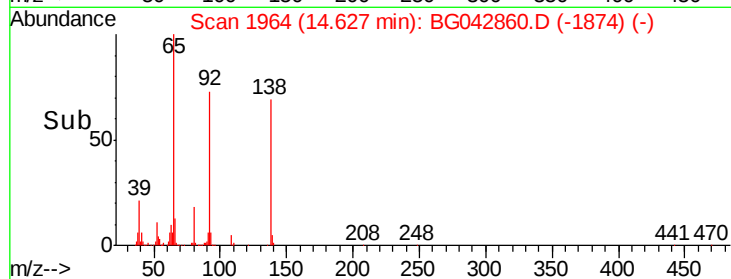
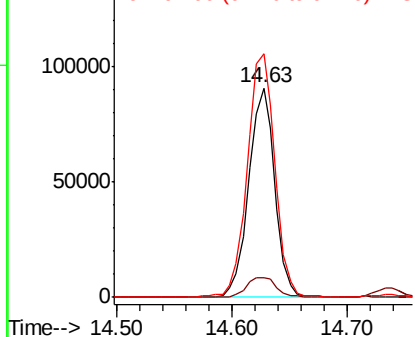
#53
 3-Nitroaniline
 Concen: 27.824 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 142521
 Ion Ratio Lower Upper
 138 100
 108 9.4 10.7 16.1#
 92 116.4 100.5 150.7

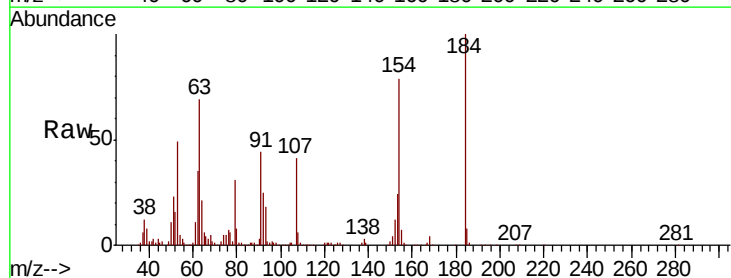


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

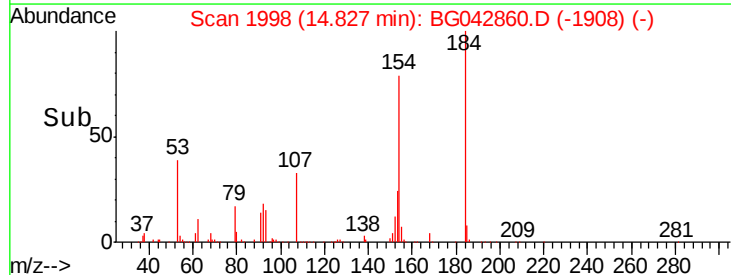
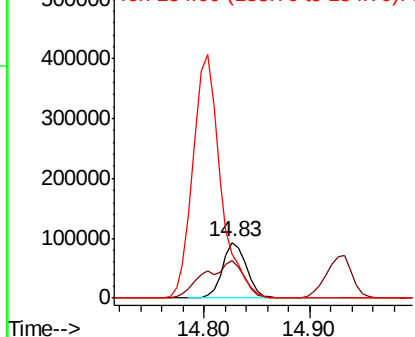


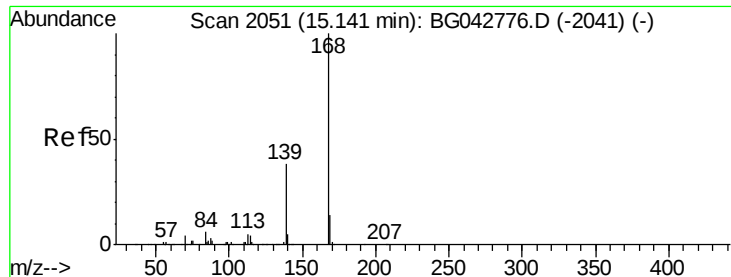
#54
 2,4-Dinitrophenol
 Concen: 65.085 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion:184 Resp: 146231
 Ion Ratio Lower Upper
 184 100
 63 68.6 46.2 69.4
 154 78.6 81.3 121.9#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.293 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

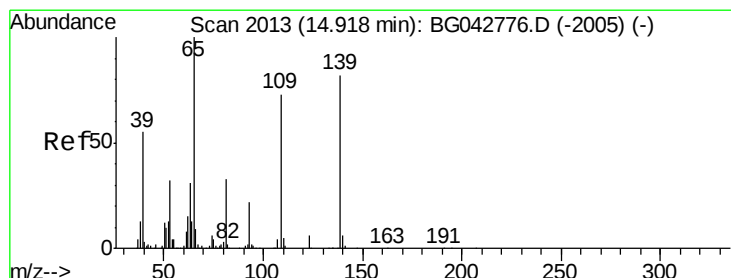
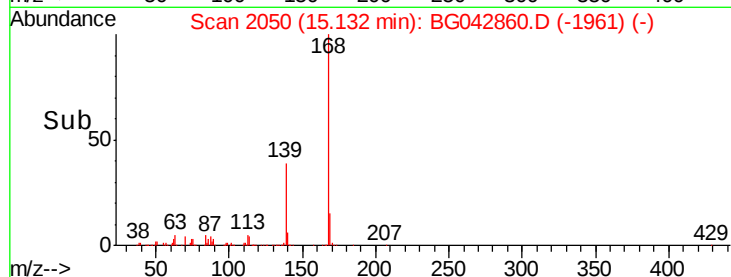
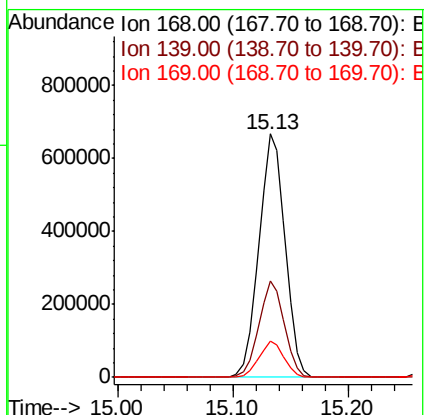
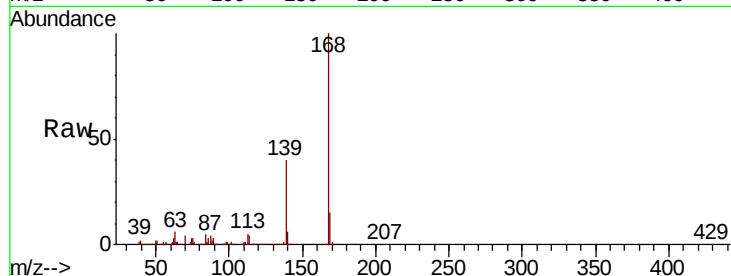
Tot Ion:168 Resp: 1053608

Ion Ratio Lower Upper

168 100

139 39.6 30.2 45.4

169 14.8 11.2 16.8



#56

4-Nitrophenol

Concen: 89.150 ng

RT: 14.93 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

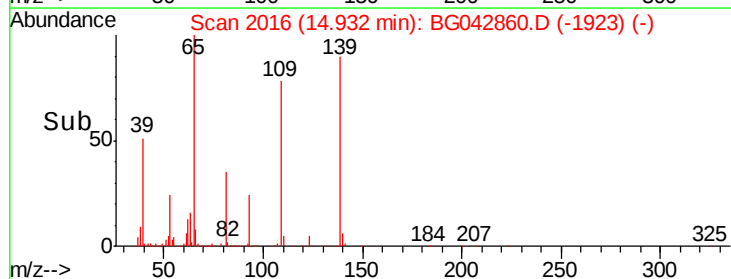
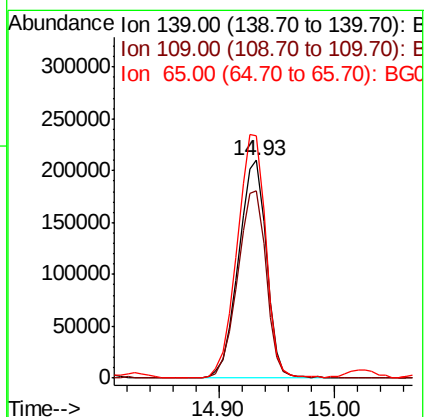
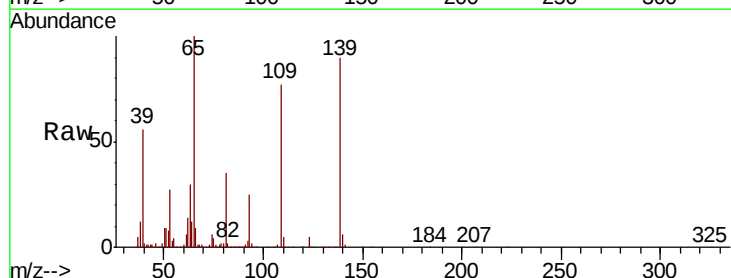
Tgt Ion:139 Resp: 353073

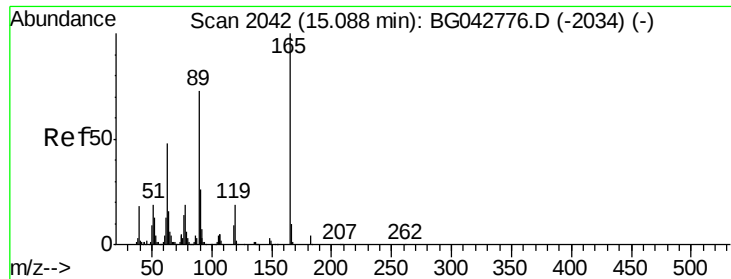
Ion Ratio Lower Upper

139 100

109 85.8 69.4 109.4

65 111.7 102.5 142.5

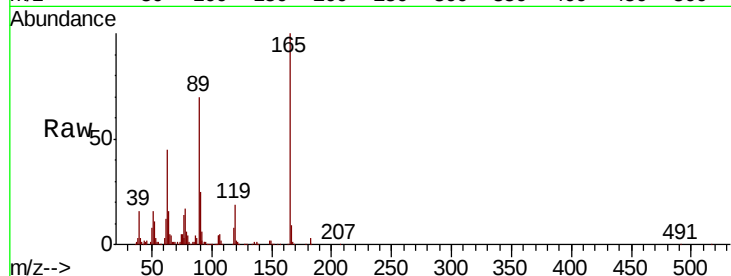




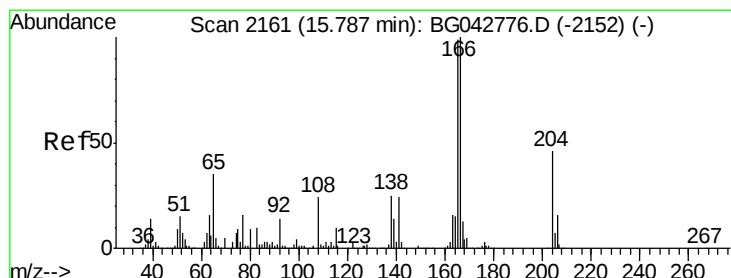
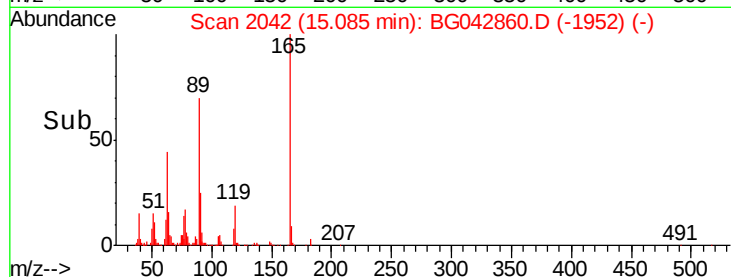
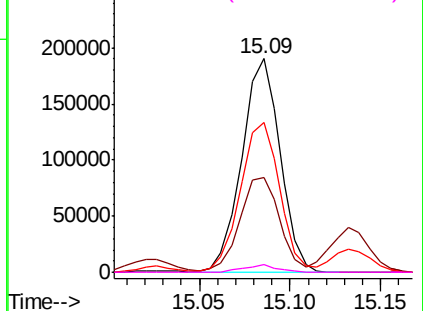
#57
2,4-Dinitrotoluene
Concen: 46.089 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	280377
Ion Ratio	Lower	Upper
165	100	
63	44.6	38.3 57.5
89	70.1	58.4 87.6
182	3.3	2.9 4.3

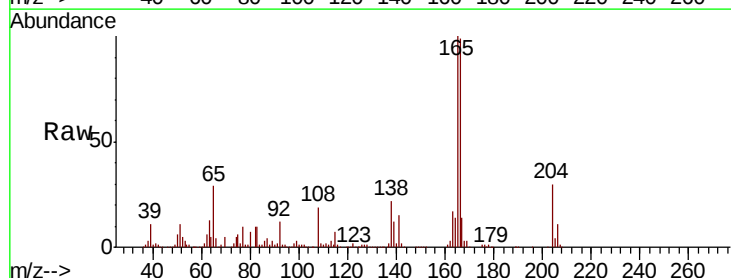


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

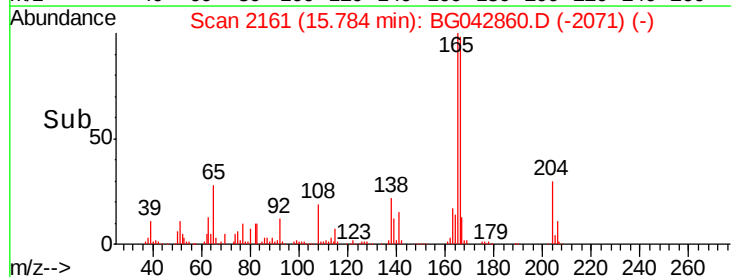
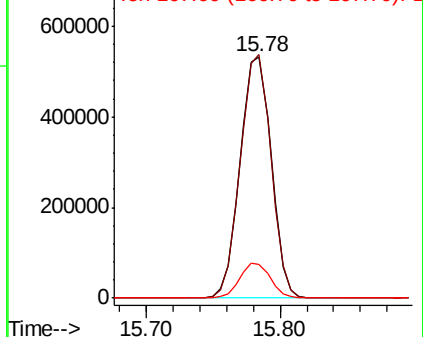


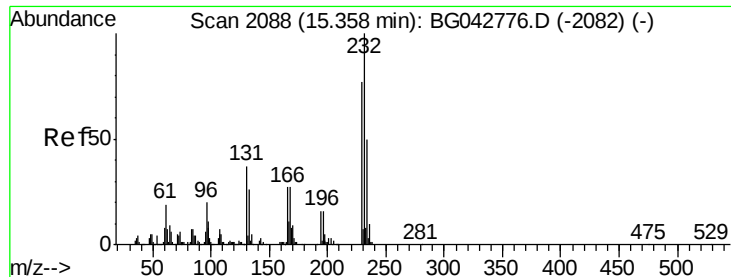
#58
Fluorene
Concen: 40.699 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:166	Resp:	860638
Ion Ratio	Lower	Upper
166	100	
165	100.7	79.1 118.7
167	13.9	10.7 16.1



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: 44.469 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 288413

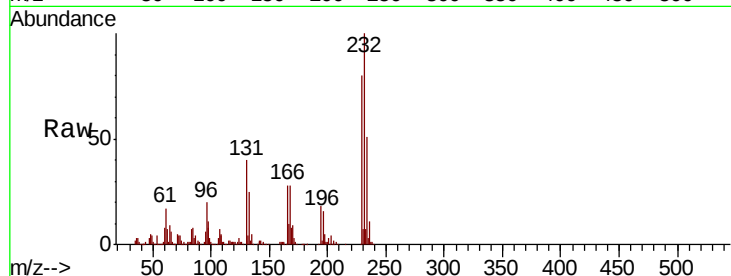
Ion Ratio Lower Upper

232 100

131 37.8 31.1 46.7

130 1.9 1.8 2.6

166 26.8 21.7 32.5

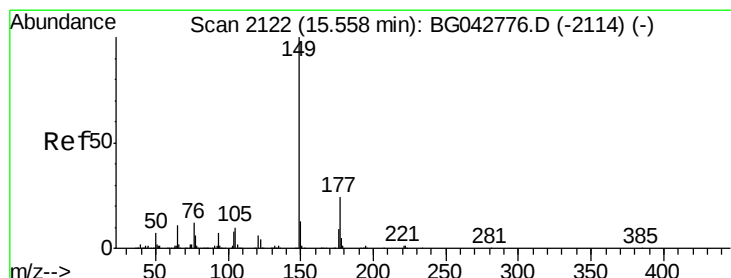
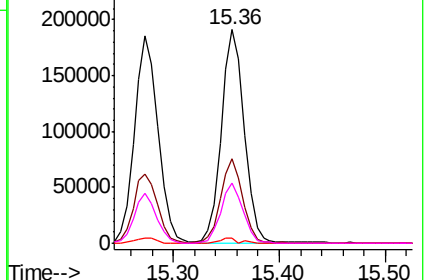
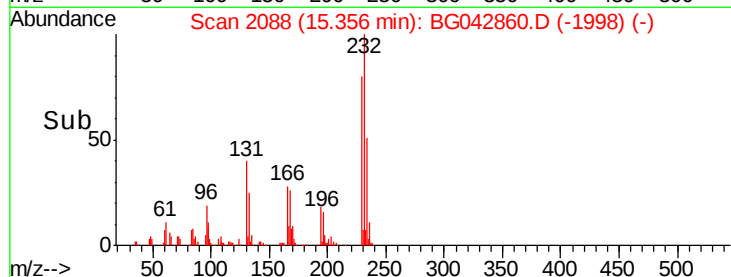


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.531 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

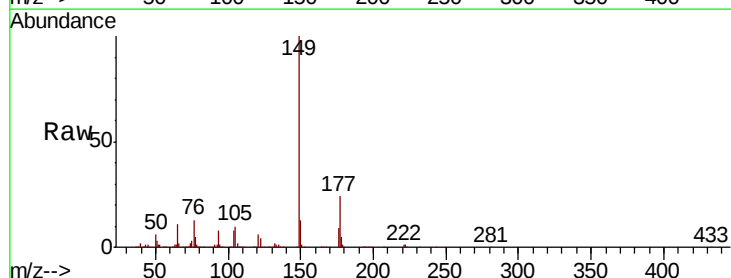
Tgt Ion:149 Resp: 869946

Ion Ratio Lower Upper

149 100

177 24.0 19.4 29.0

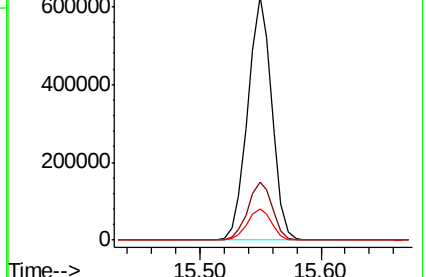
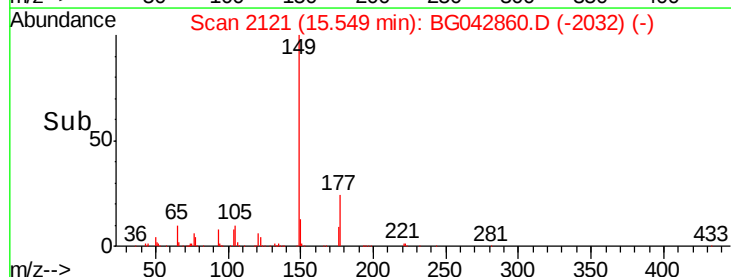
150 12.7 10.2 15.4

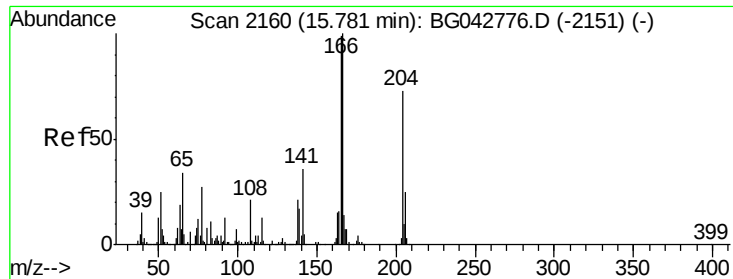


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

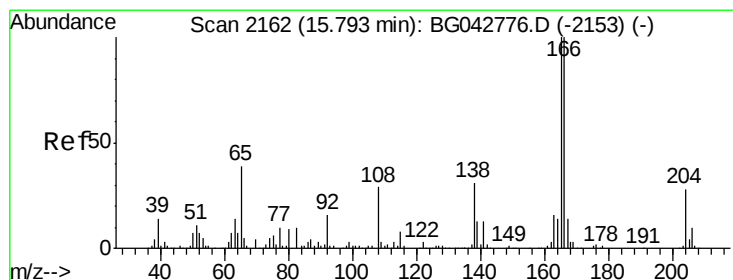
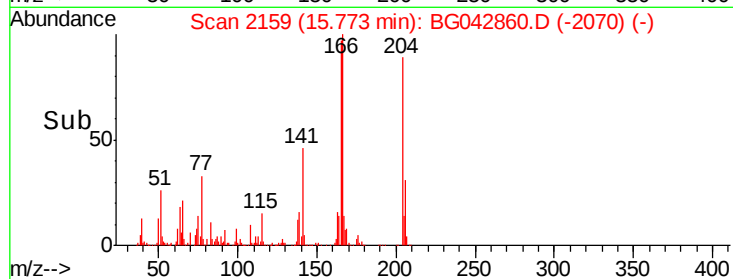
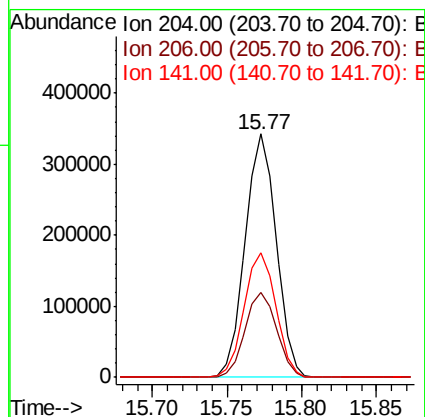
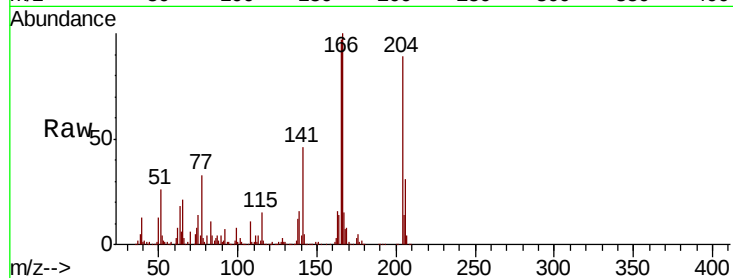




#61
 4-Chlorophenyl-phenylether
 Concen: 39.478 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

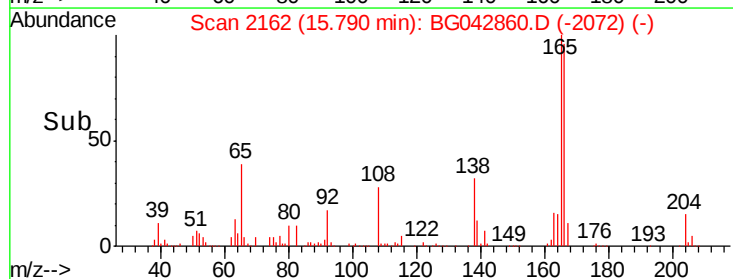
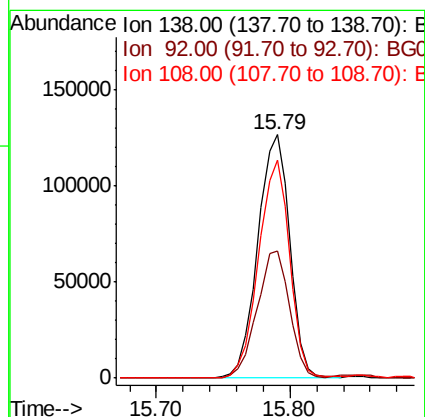
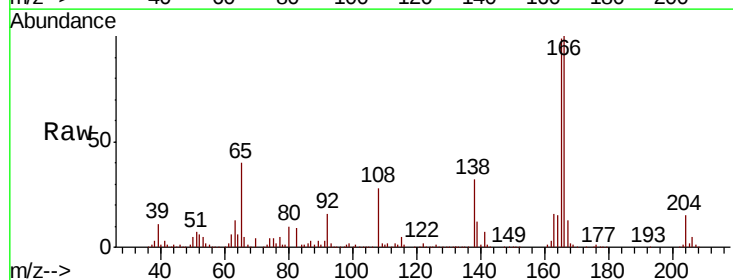
Instrument :
 BNA_G
 ClientSampled :

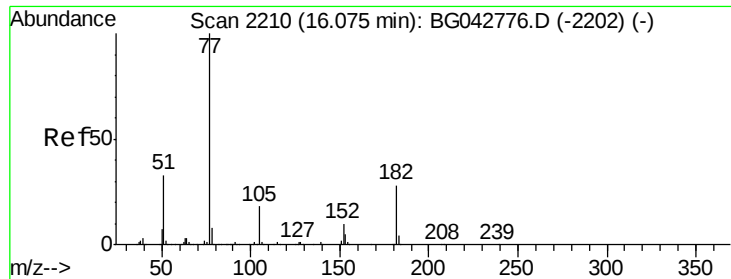
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.6	41.4
141	51.3	39.8	59.6



#62
 4-Nitroaniline
 Concen: 37.852 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	31.4	71.4
108	89.5	74.8	114.8

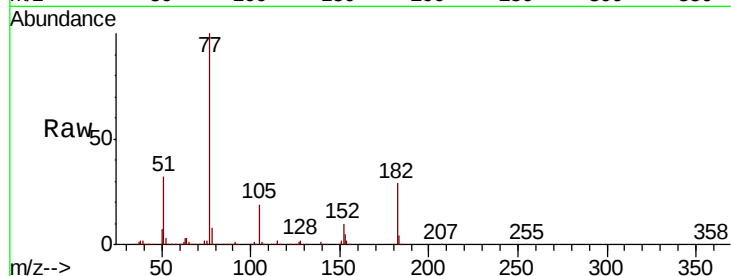




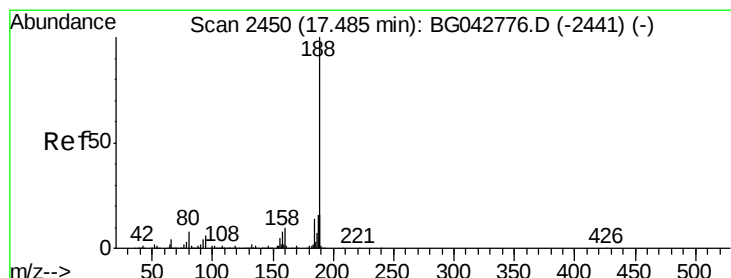
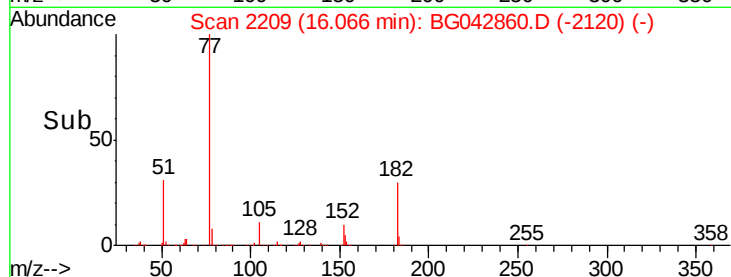
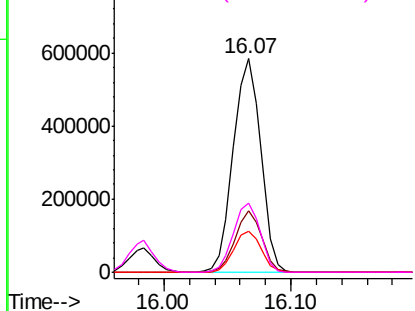
#63
Azobenzene
Concen: 40.101 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	871848
Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.1	48.1
105	19.0	0.0	38.1
51	32.1	12.9	52.9

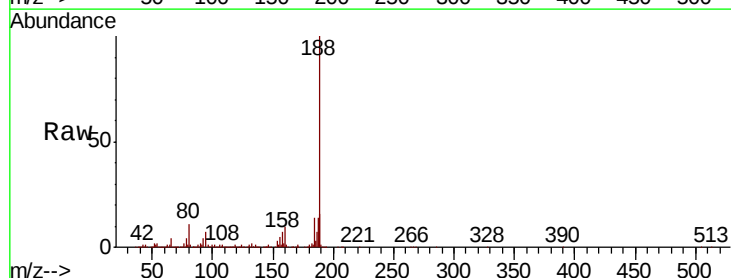


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

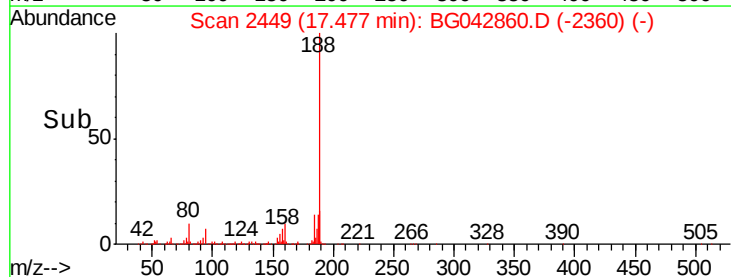
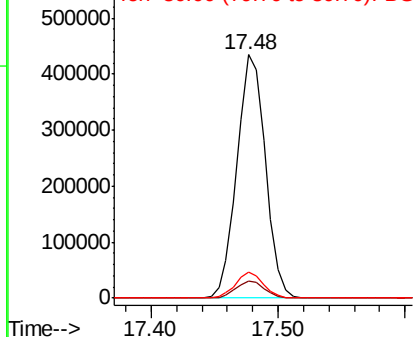


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:	188	Resp:	675214
Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	10.6	6.6	9.8#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 44.268 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampled :

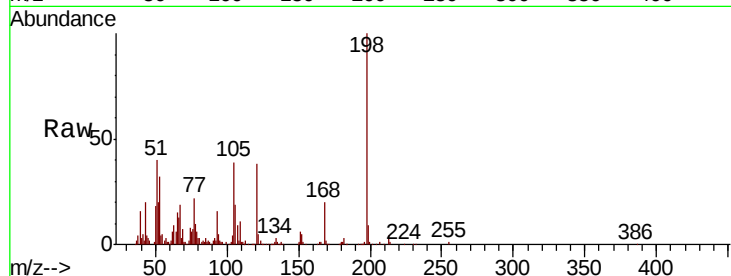
Tot Ion:198 Resp: 127896

Ion	Ratio	Lower	Upper
198	100		
51	40.1	20.9	60.9
105	38.6	16.4	56.4

198 100

51 40.1 20.9 60.9

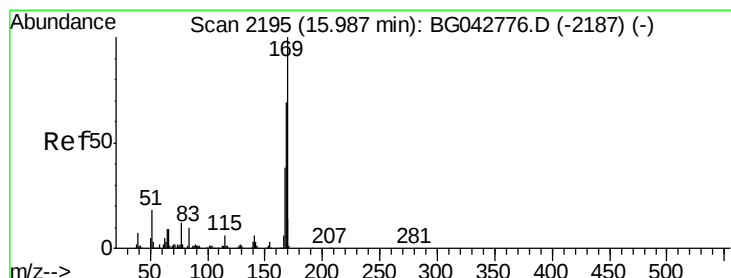
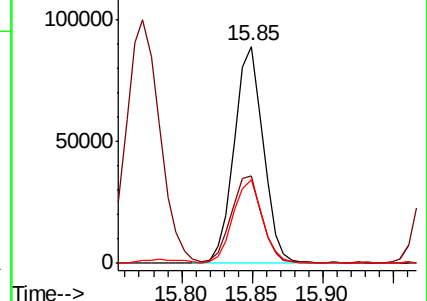
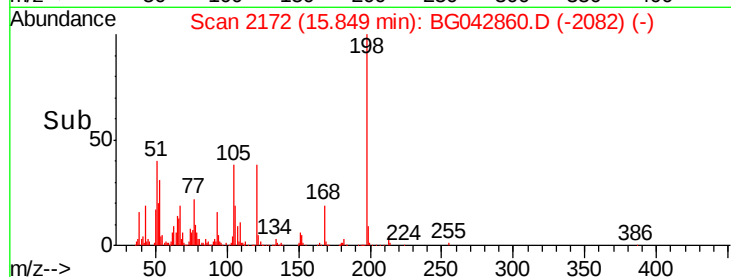
105 38.6 16.4 56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042860.D (-2165) (-)

Ion 105.00 (104.70 to 105.70): BG042860.D (-2165) (-)



#66

n-Nitrosodiphenylamine

Concen: 42.201 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

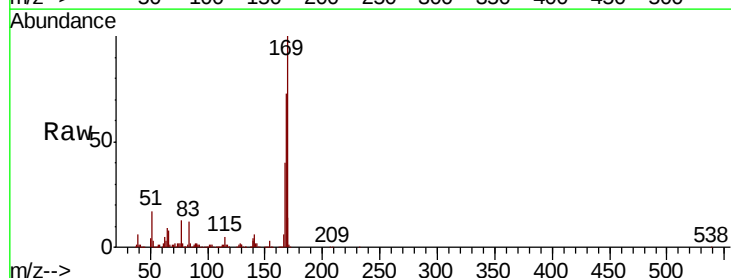
Tgt Ion:169 Resp: 766776

Ion	Ratio	Lower	Upper
169	100		
168	73.1	55.4	83.2
167	39.5	30.4	45.6

169 100

168 73.1 55.4 83.2

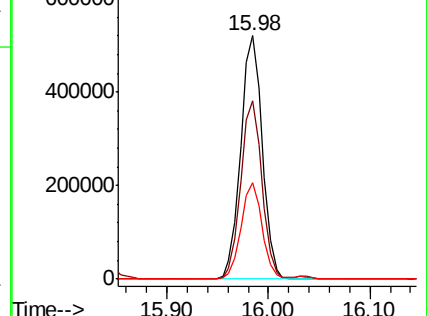
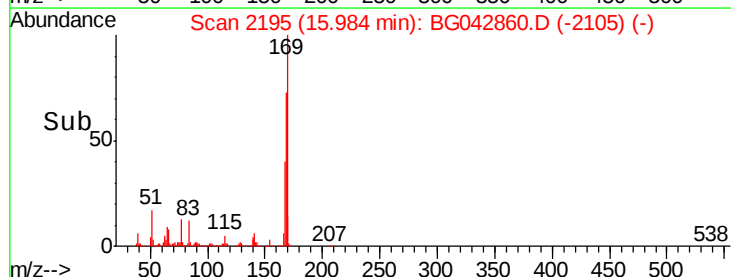
167 39.5 30.4 45.6

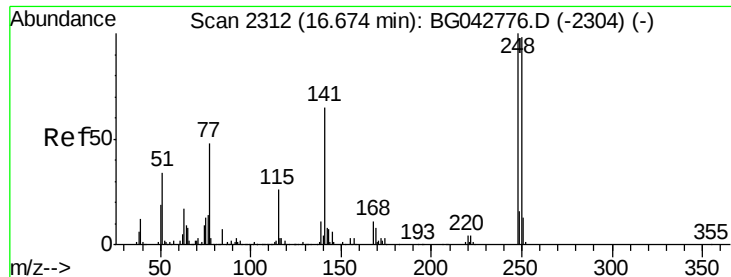


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG042860.D (-2187) (-)

Ion 167.00 (166.70 to 167.70): BG042860.D (-2187) (-)

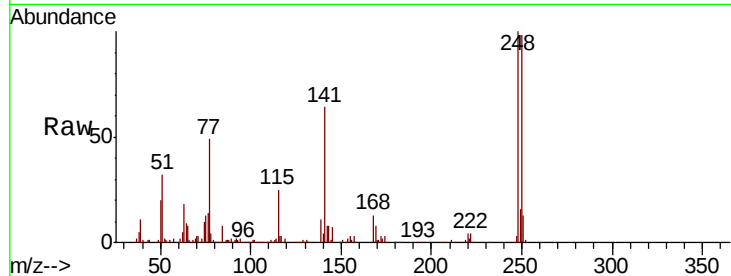




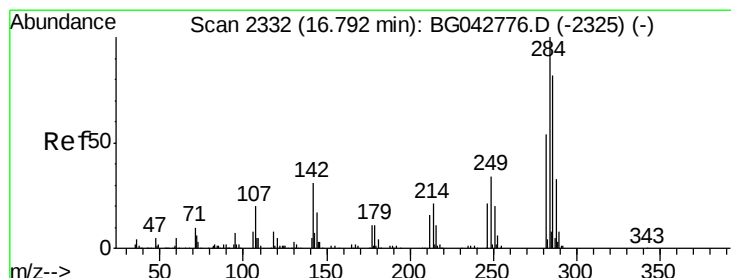
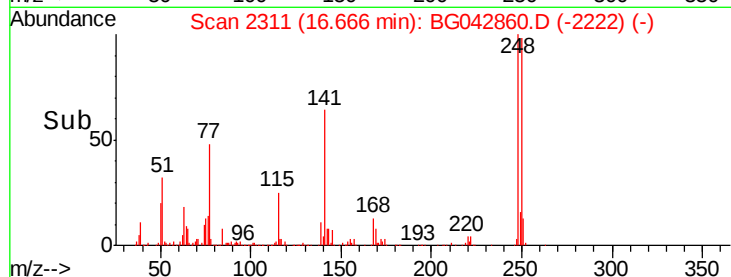
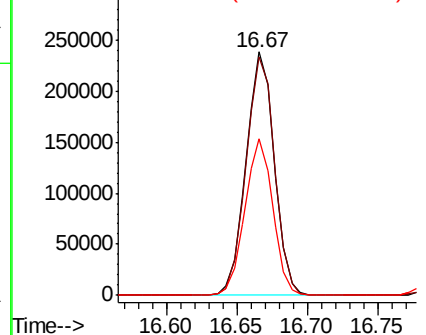
#67
4-Bromophenyl-phenylether
Concen: 40.783 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 333299
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 64.1 51.8 77.6

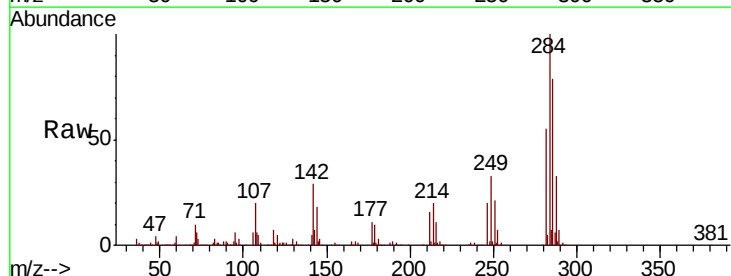


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

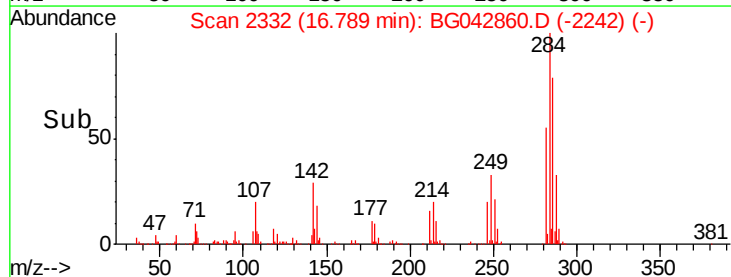
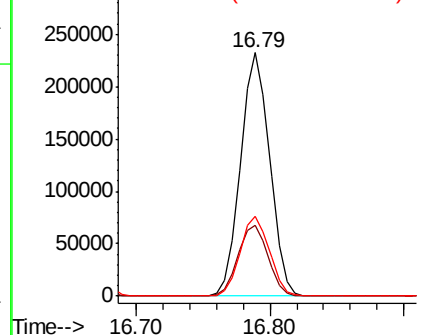


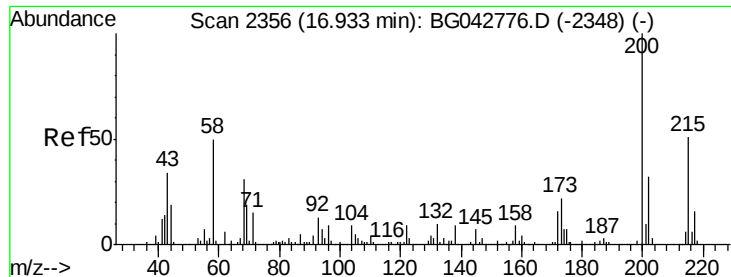
#68
Hexachlorobenzene
Concen: 40.183 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:284 Resp: 350903
Ion Ratio Lower Upper
284 100
142 29.0 24.7 37.1
249 32.7 27.0 40.4



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

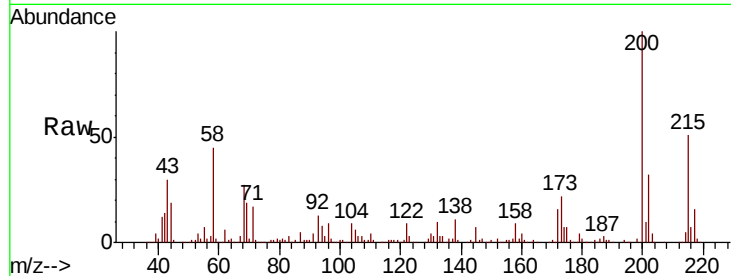




#69
 Atrazine
 Concen: 47.188 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	2.5	42.5
215	50.8	31.0	71.0

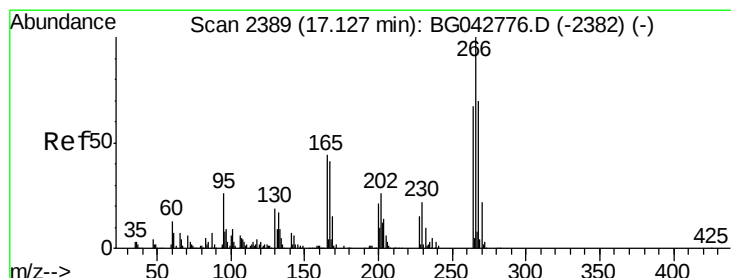
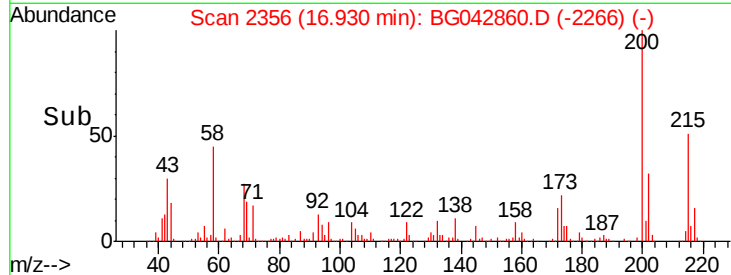
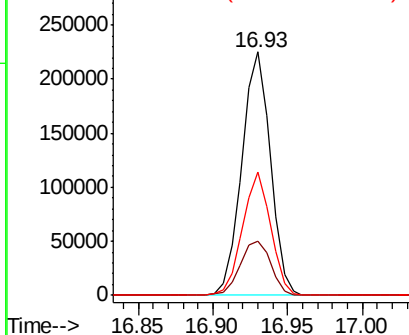


Abundance

Ion 200.00 (199.70 to 200.70): E

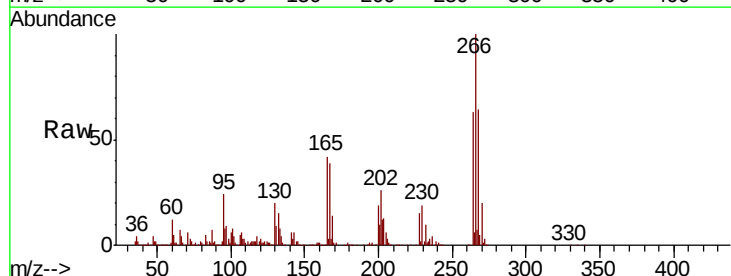
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 89.703 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	56.2	84.4
264	63.3	53.4	80.2

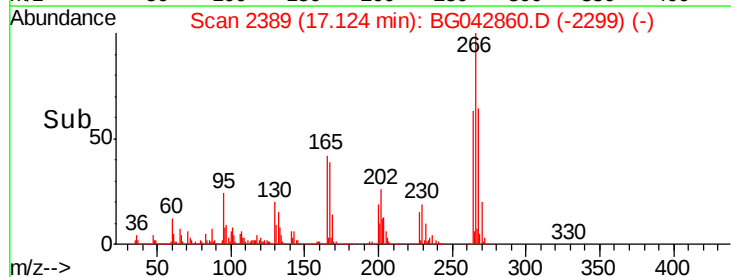
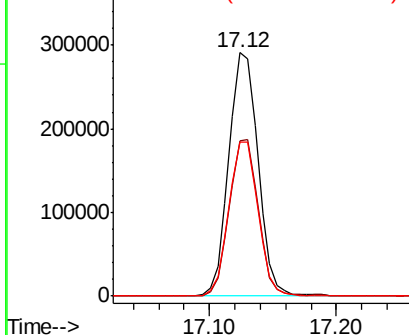


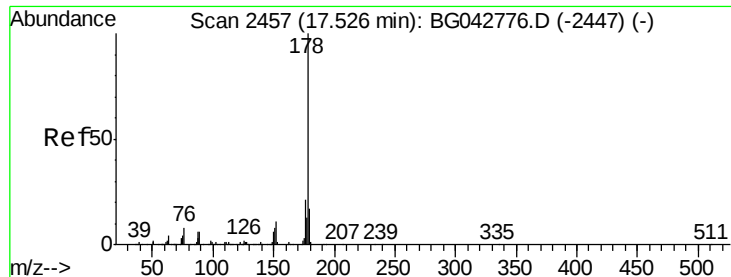
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.499 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

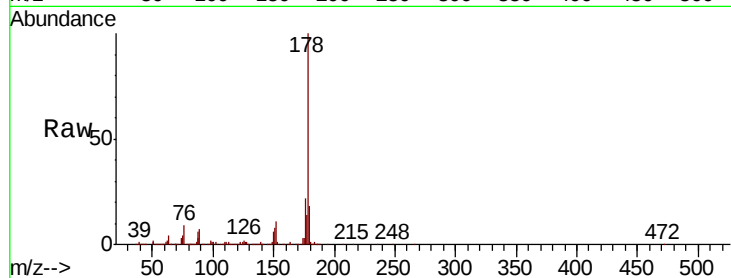
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1340058

Ion	Ratio	Lower	Upper
178	100		
176	22.0	17.0	25.4
179	18.1	13.6	20.4

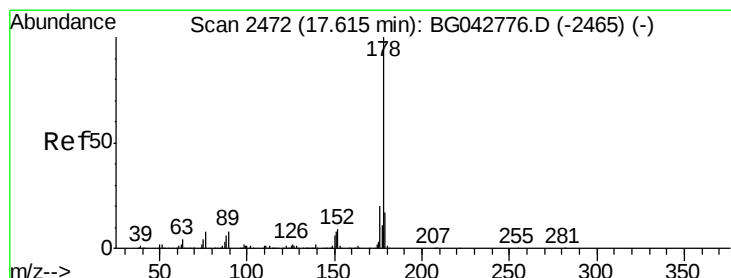
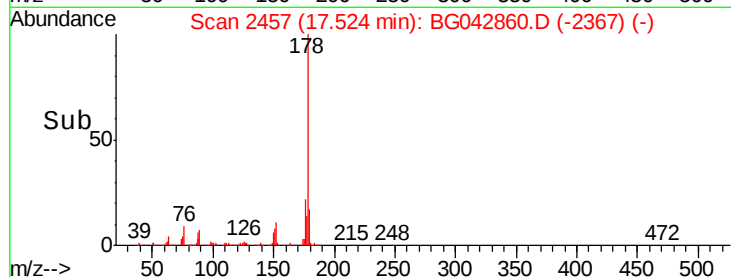
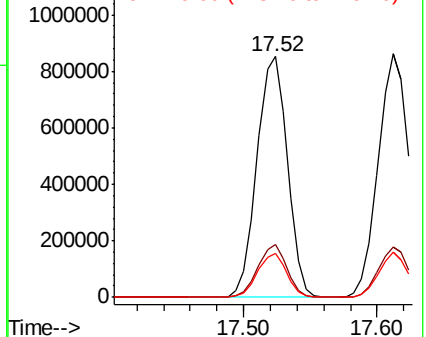


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.347 ng

RT: 17.61 min Scan# 2472

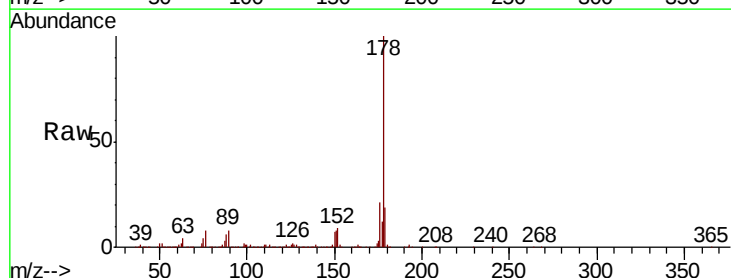
Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:178 Resp: 1366144

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	18.5	13.6	20.4

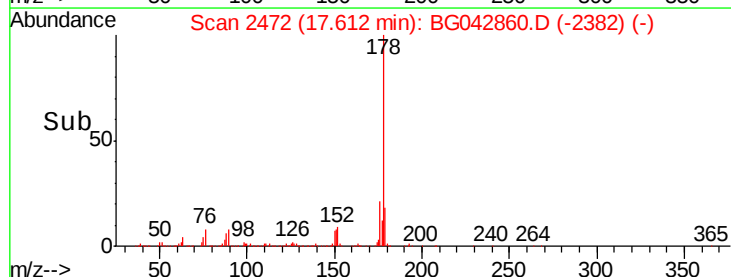
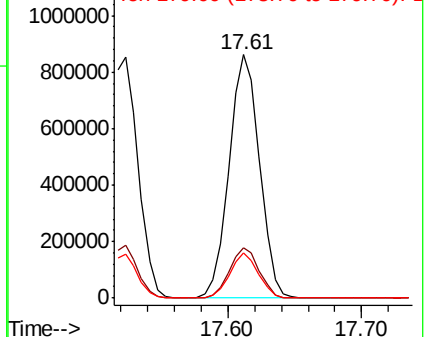


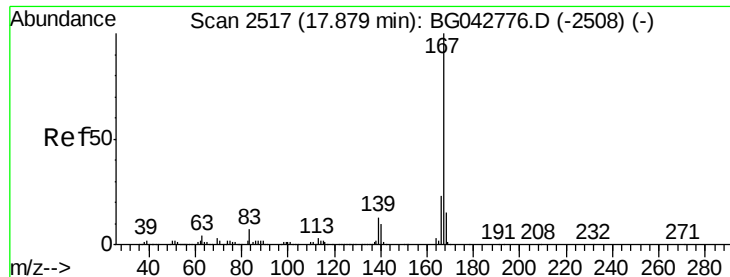
Abundance

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: 41.811 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

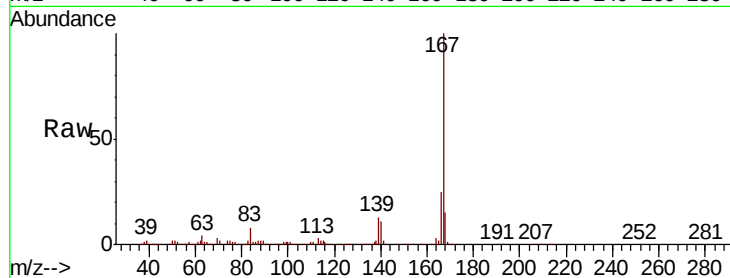
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1282029

Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.3	27.5
139	13.2	10.2	15.4

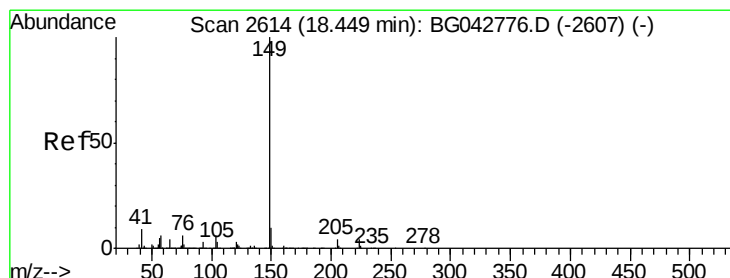
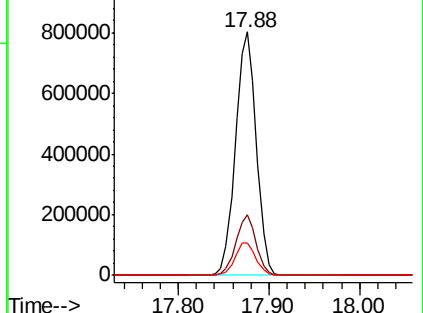
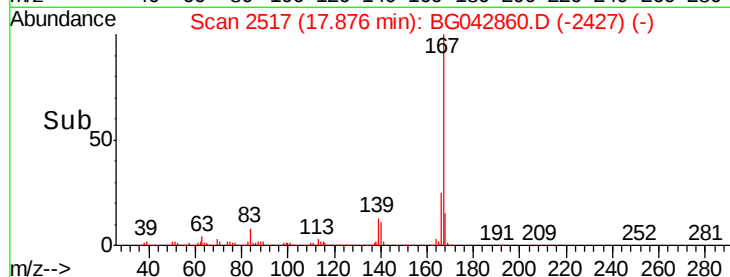


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.539 ng

RT: 18.44 min Scan# 2613

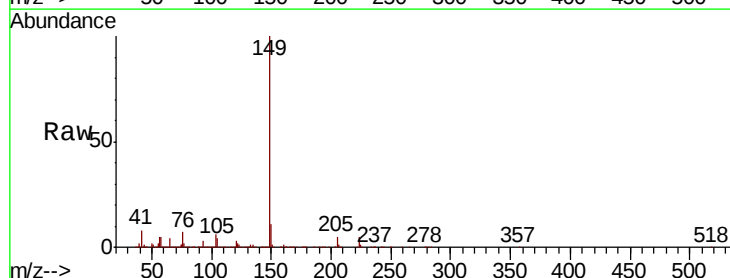
Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:149 Resp: 1452294

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.0	12.0
104	6.2	5.1	7.7

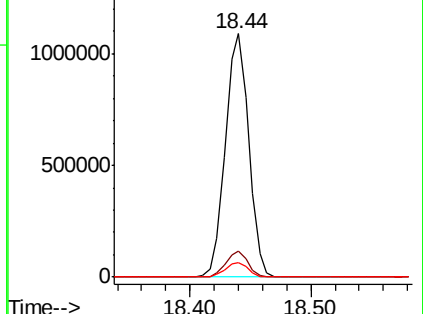
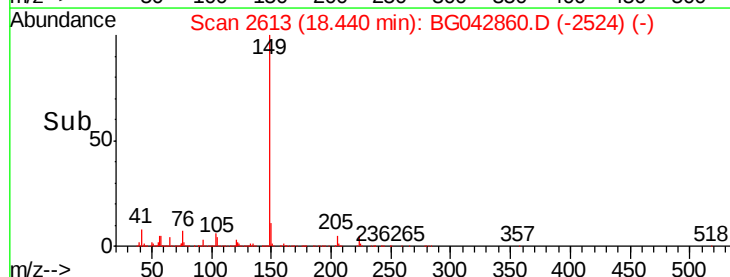


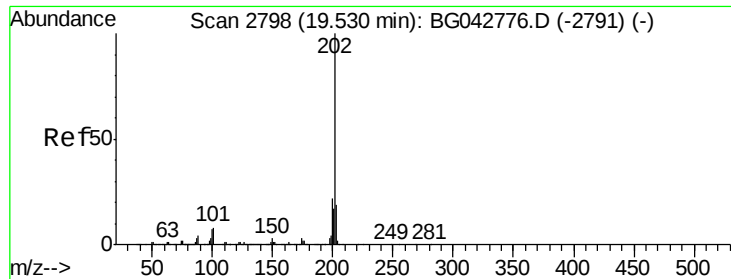
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.583 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

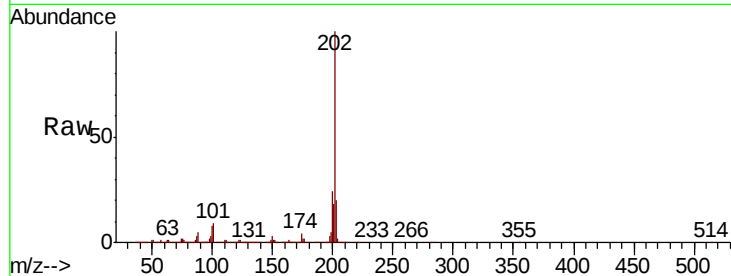
Tot Ion:202 Resp: 1656576

Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.8

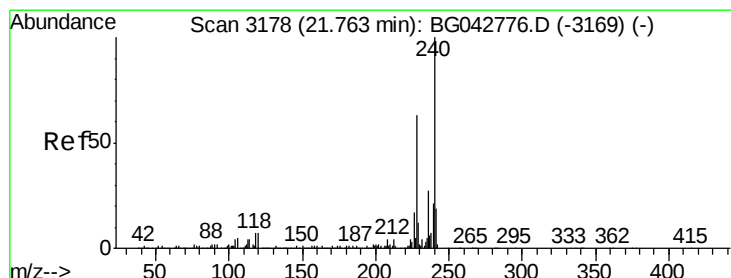
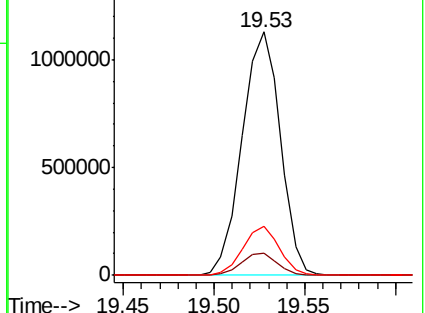
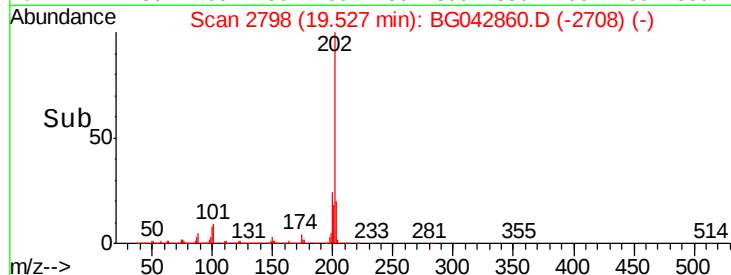
203 20.2 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

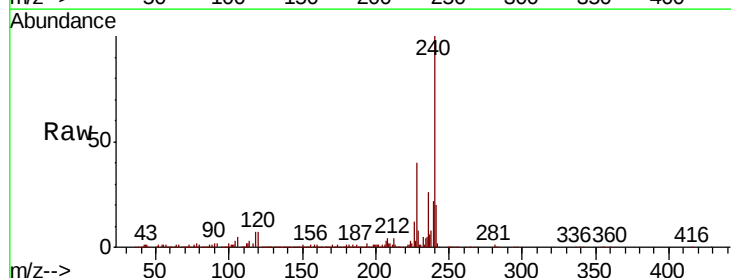
Tgt Ion:240 Resp: 632767

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

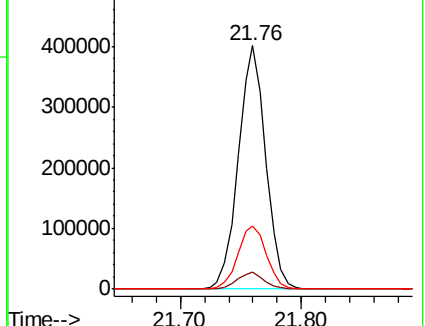
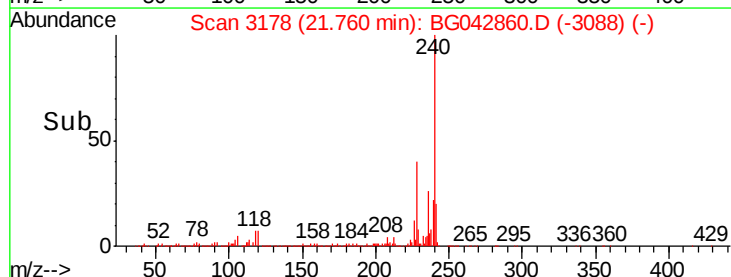
236 26.0 21.7 32.5

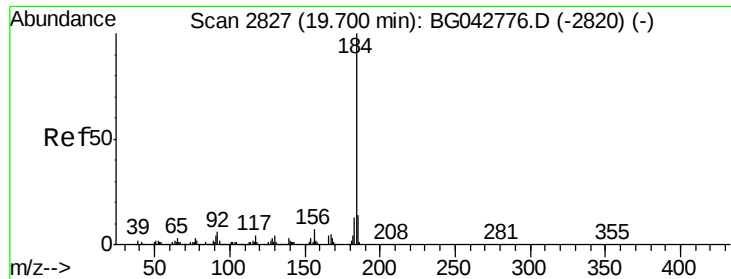


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.460 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

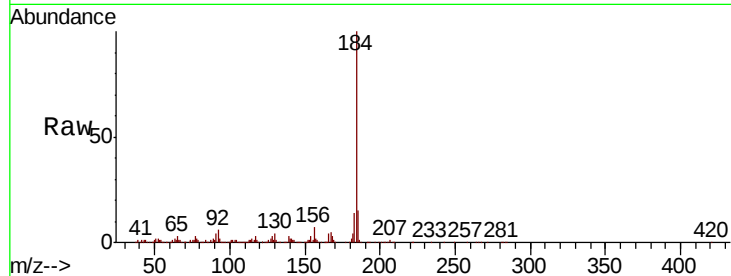
Tot Ion:184 Resp: 768315

Ion Ratio Lower Upper

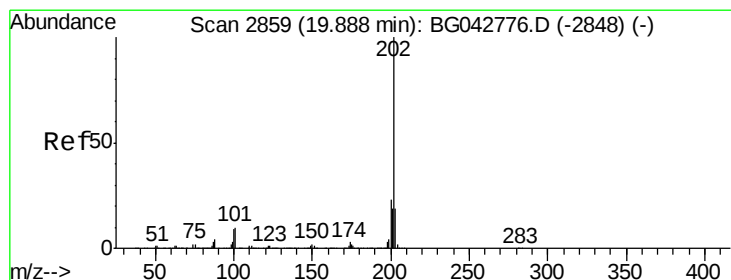
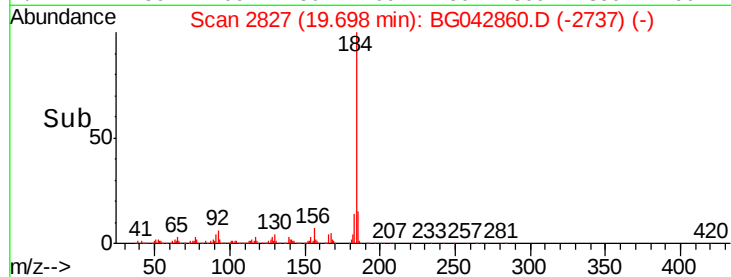
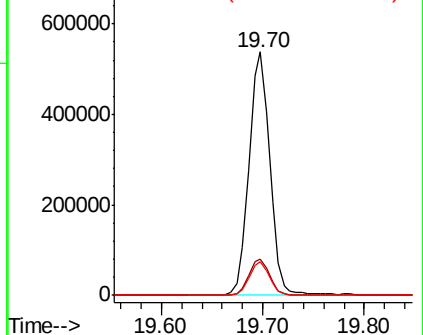
184 100

185 15.1 11.6 17.4

183 13.8 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.099 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

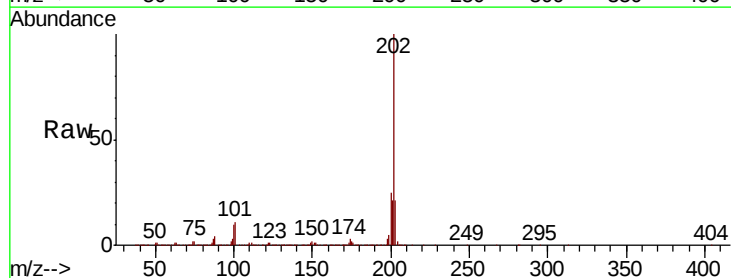
Tgt Ion:202 Resp: 1667760

Ion Ratio Lower Upper

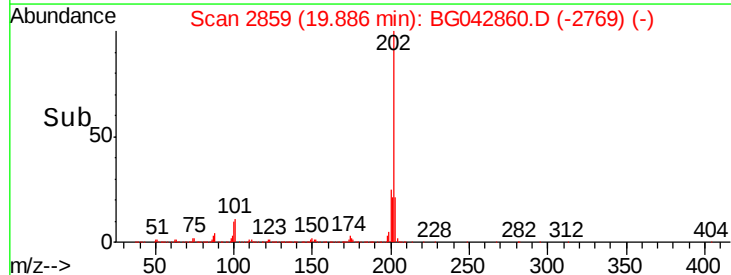
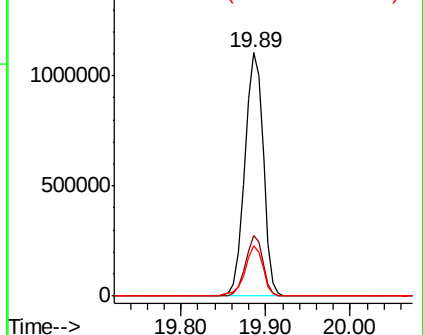
202 100

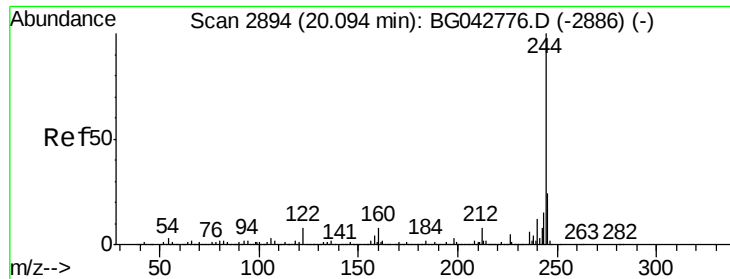
200 24.6 18.5 27.7

203 20.7 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.022 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

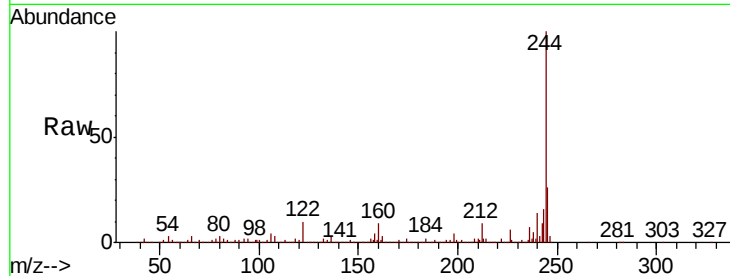
Tot Ion:244 Resp: 2227599

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

244 100

212 9.4 6.6 10.0

122 9.7 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.09

1500000

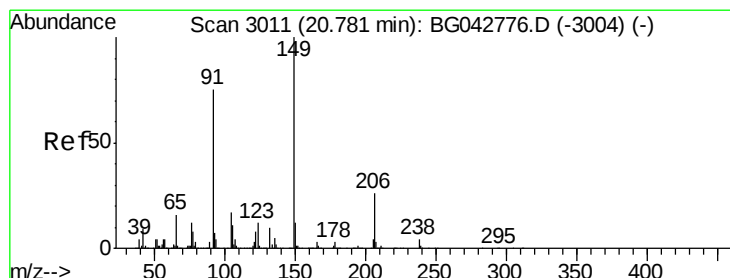
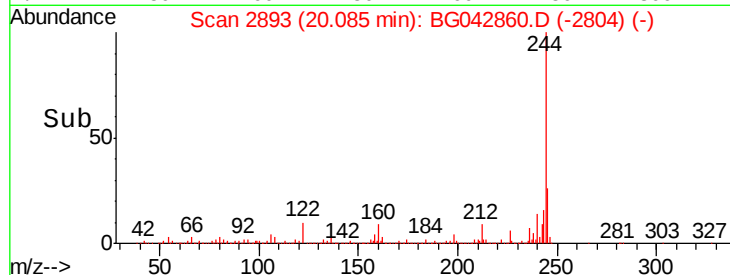
1000000

500000

0

Time-->

20.00 20.10 20.20



#80

Butylbenzylphthalate

Concen: 41.486 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

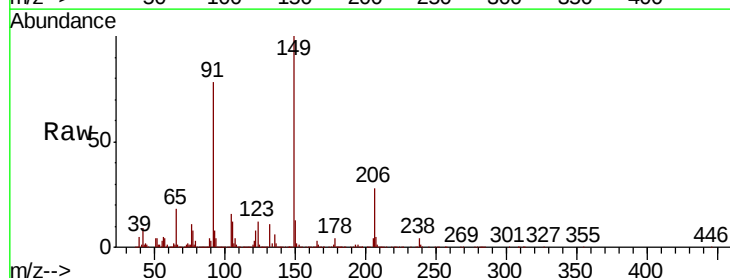
Tgt Ion:149 Resp: 665142

Ion	Ratio	Lower	Upper
149	100		
91	77.7	60.2	90.2
206	27.9	20.6	30.8

149 100

91 77.7 60.2 90.2

206 27.9 20.6 30.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.77

600000

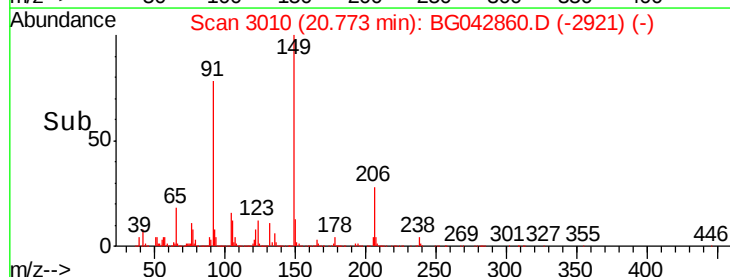
400000

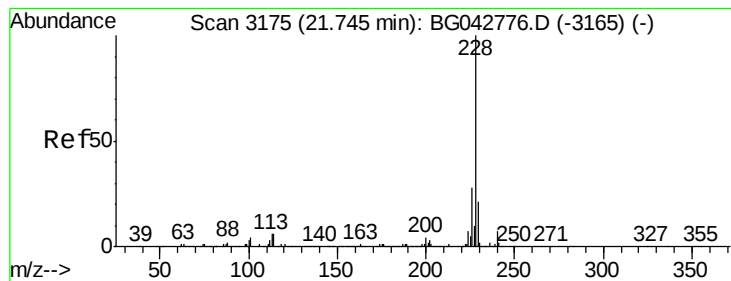
200000

0

Time-->

20.70 20.75 20.80





#81

Benzo(a)anthracene

Concen: 40.876 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

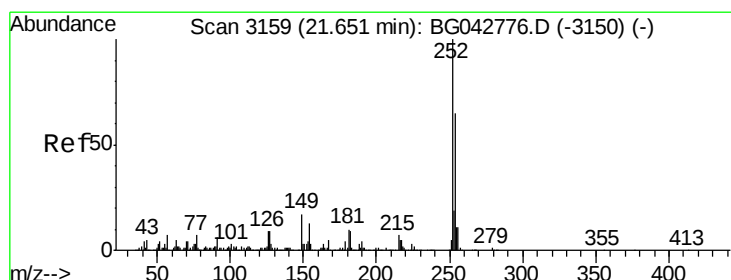
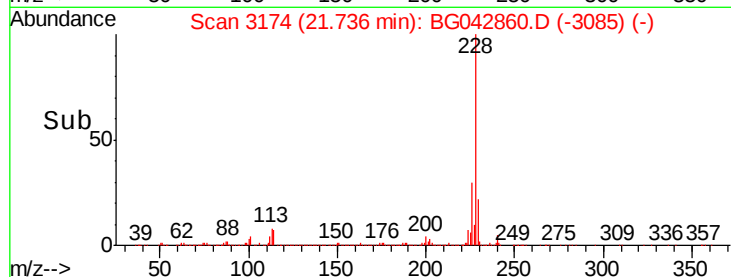
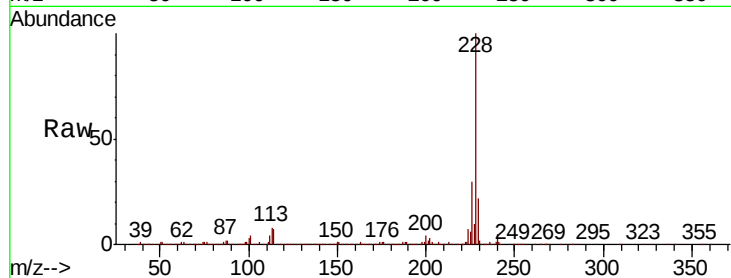
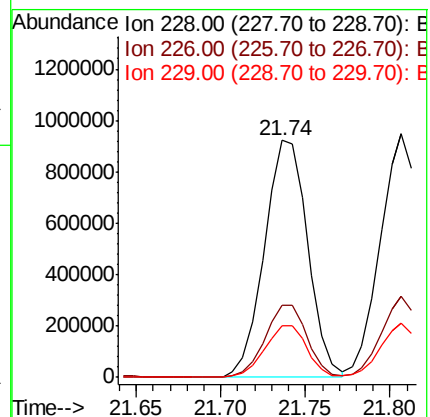
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1644540

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.5	33.7
229	21.9	17.2	25.8



#82

3,3'-Dichlorobenzidine

Concen: 27.962 ng

RT: 21.65 min Scan# 3159

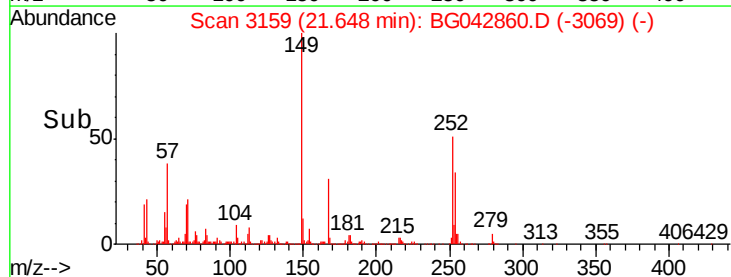
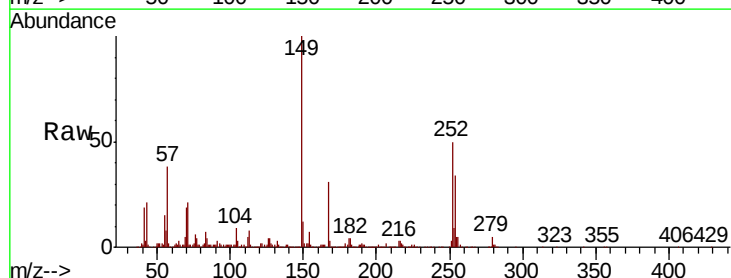
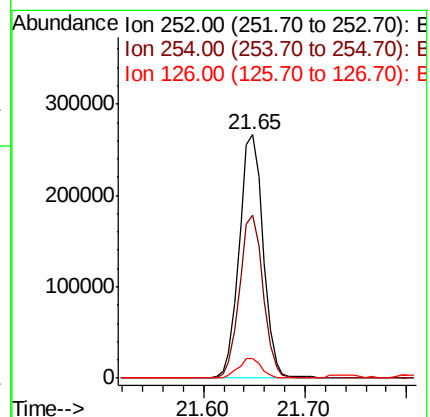
Delta R.T. -0.00 min

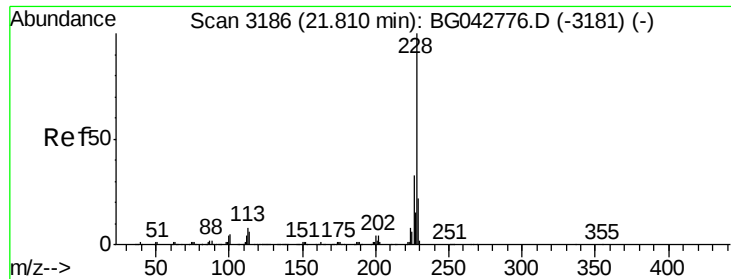
Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:252 Resp: 437185

Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.2	78.2
126	8.2	7.0	10.4





#83

Chrysene

Concen: 41.650 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

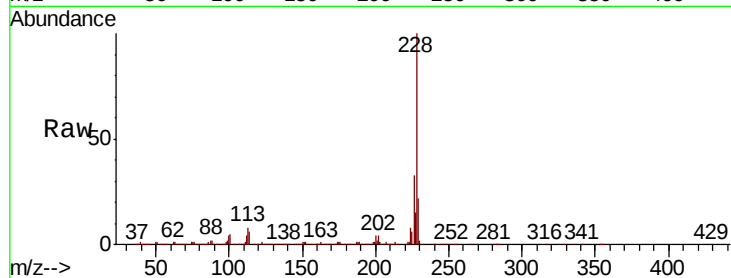
Tot Ion:228 Resp: 1587225

Ion Ratio Lower Upper

228 100

226 33.2 26.0 39.0

229 22.2 17.1 25.7

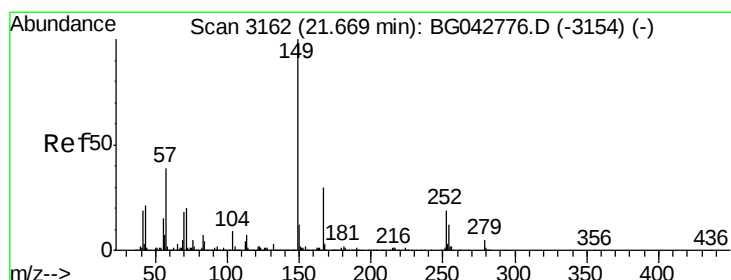
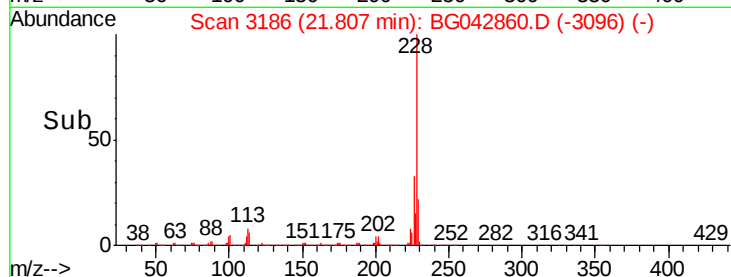
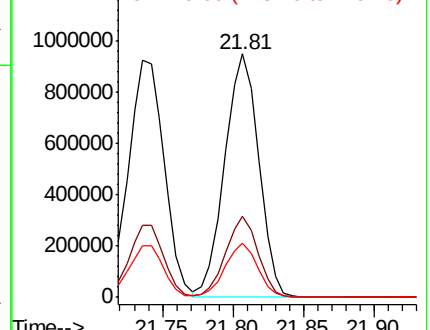


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.217 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

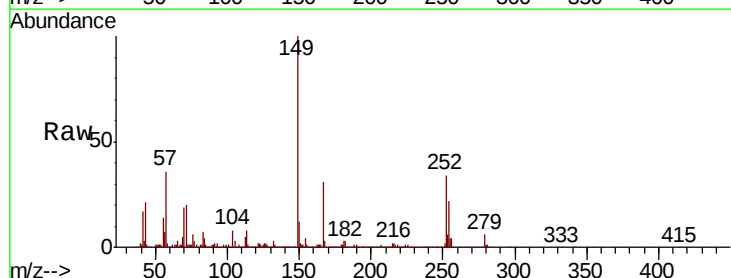
Tgt Ion:149 Resp: 924838

Ion Ratio Lower Upper

149 100

167 30.7 24.3 36.5

279 6.0 4.2 6.4

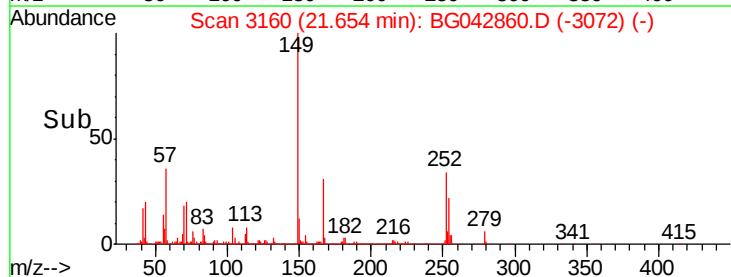
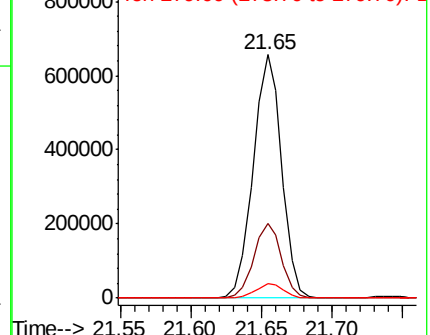


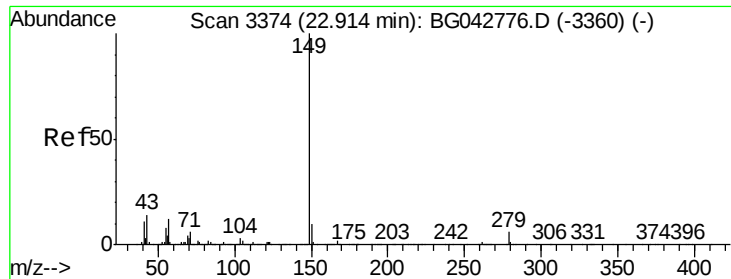
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.070 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

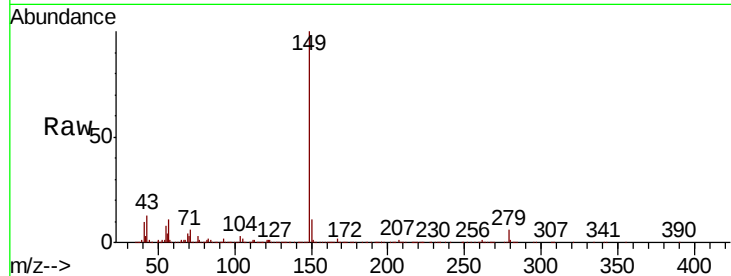
Tot Ion:149 Resp: 1571127

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

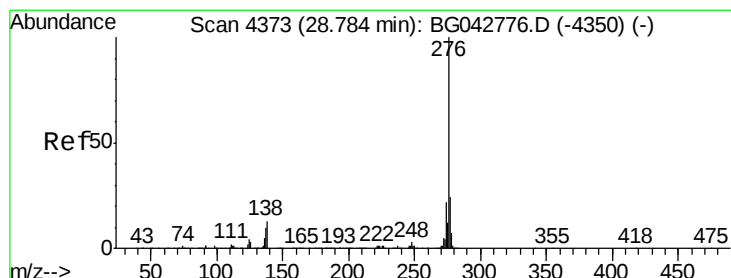
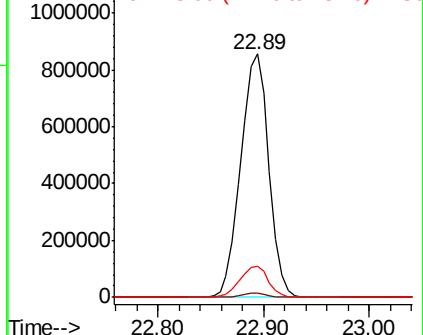
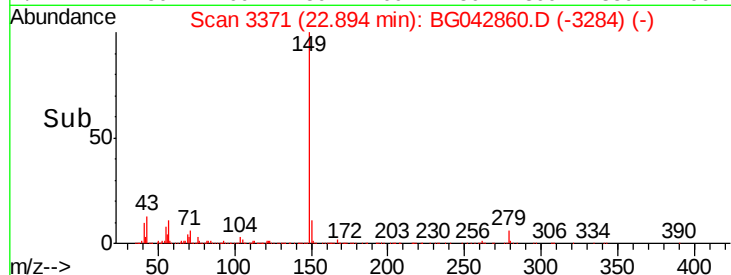
43 12.6 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.555 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

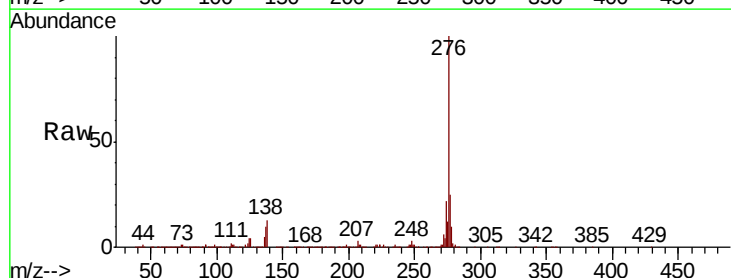
Tgt Ion:276 Resp: 2008302

Ion Ratio Lower Upper

276 100

138 12.6 9.3 13.9

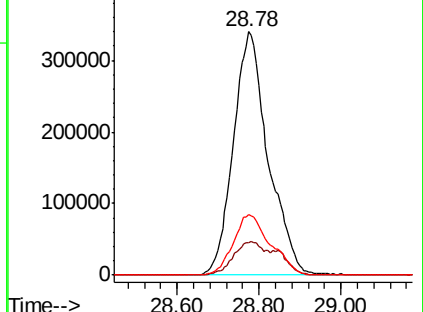
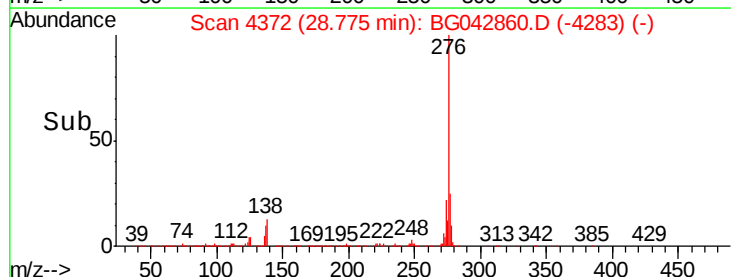
277 26.7 17.2 25.8#

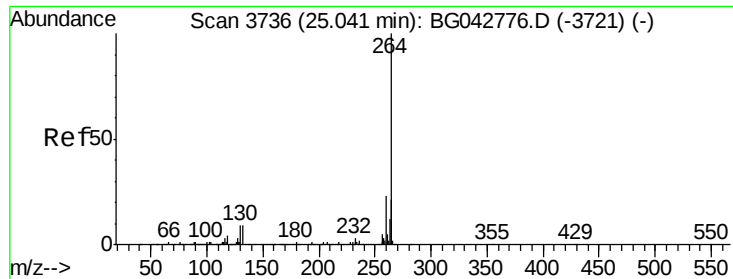


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

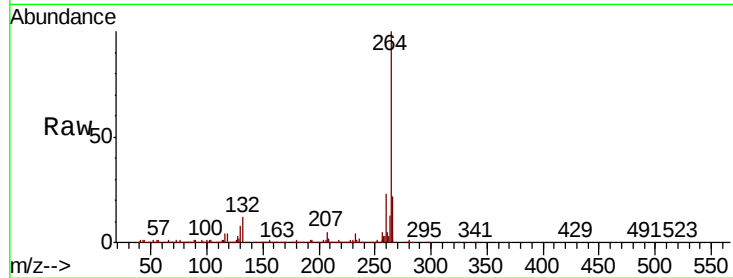
Tot Ion:264 Resp: 705976

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.4	16.9	25.3

264 100

260 23.2 18.2 27.2

265 22.4 16.9 25.3

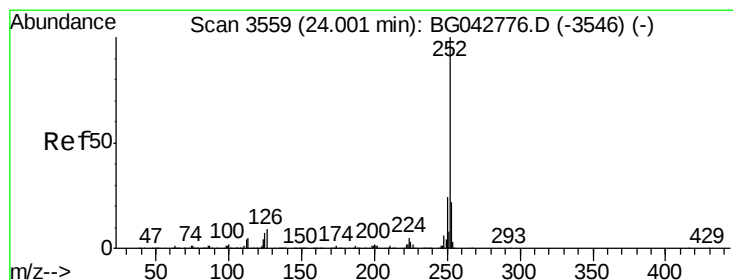
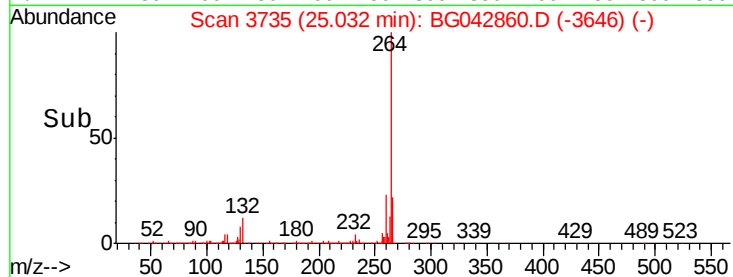
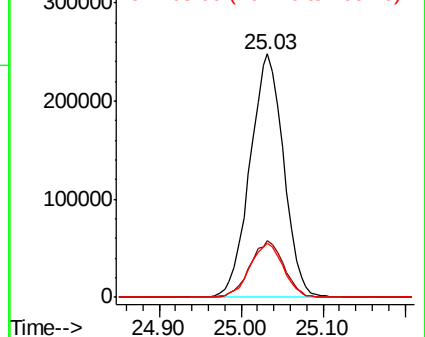


Abundance

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: 41.290 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

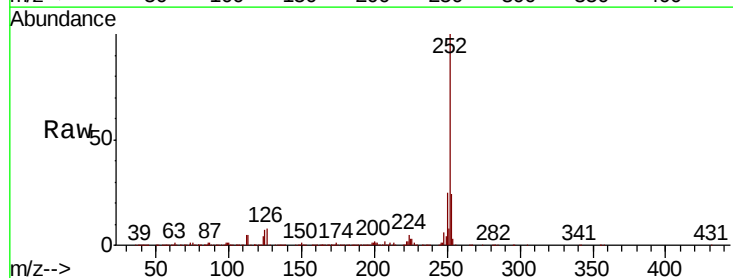
Tgt Ion:252 Resp: 1711606

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	7.0	5.6	8.4

252 100

253 24.3 17.9 26.9

125 7.0 5.6 8.4

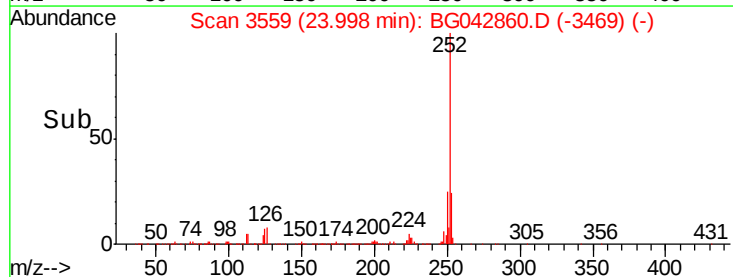
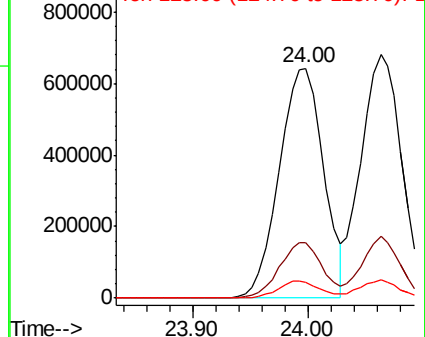


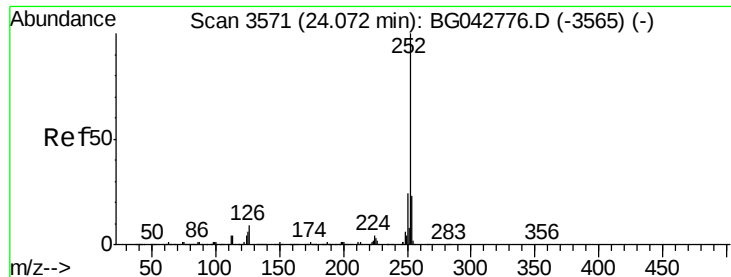
Abundance

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

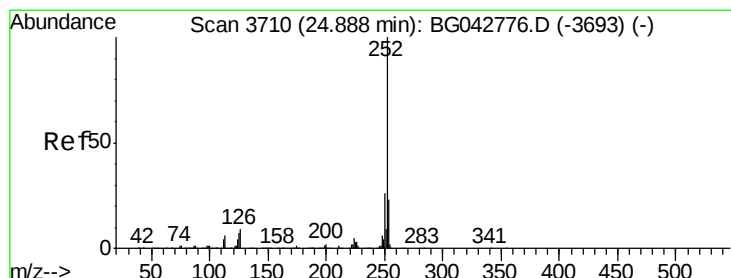
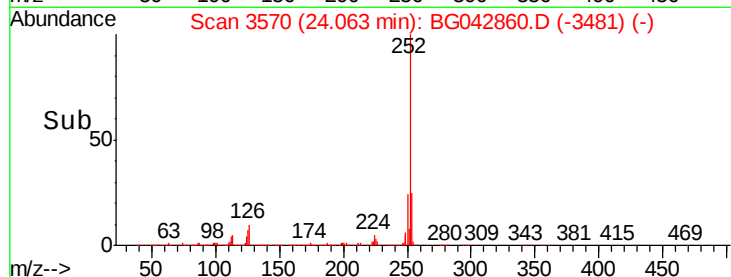
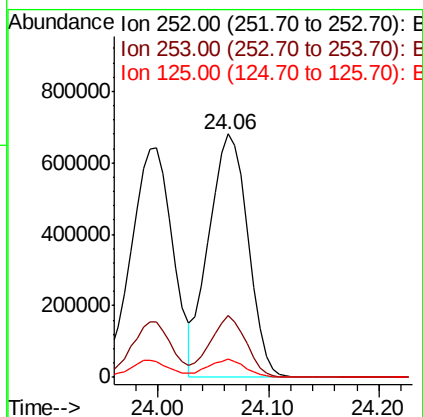
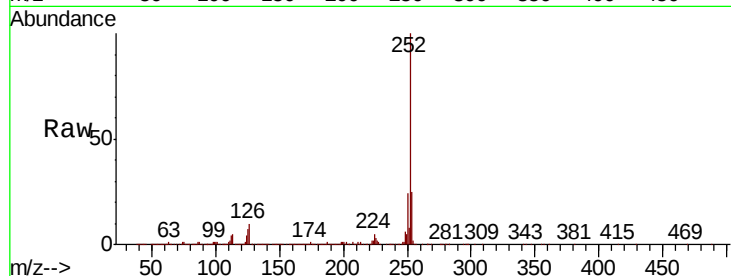




#89
Benzo(k)fluoranthene
Concen: 42.667 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

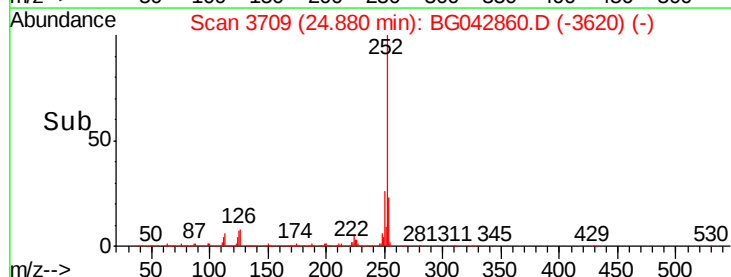
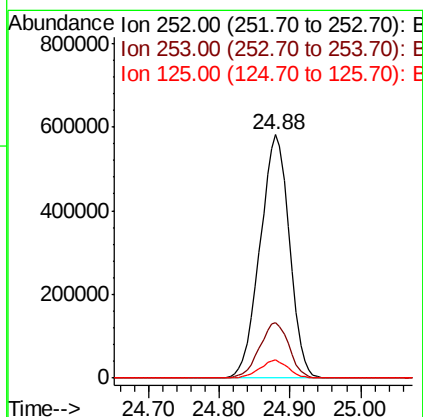
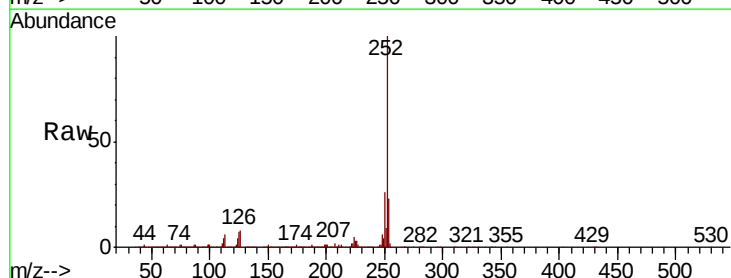
Instrument :
BNA_G
ClientSampleId :

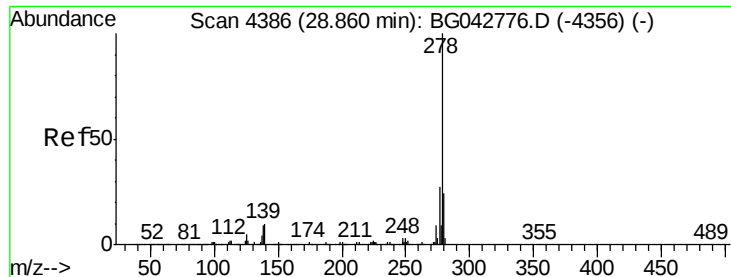
Tot Ion:252 Resp: 1670754
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.4
125 7.3 5.3 7.9



#90
Benzo(a)pyrene
Concen: 43.572 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:252 Resp: 1691273
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 7.4 5.7 8.5



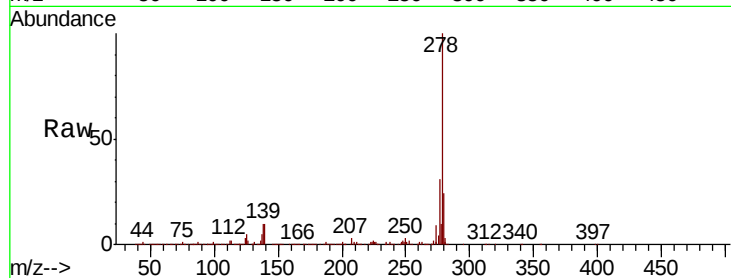


#91
Dibenzo(a,h)anthracene
Concen: 43.657 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

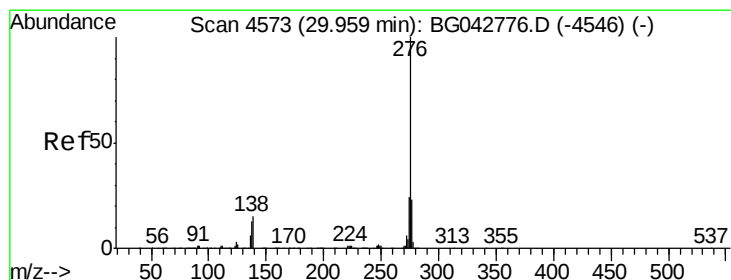
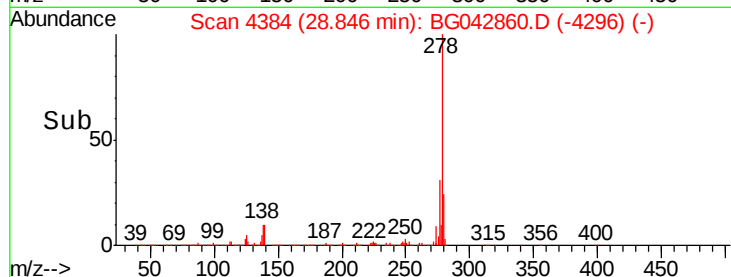
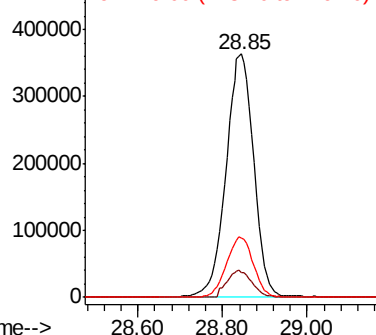
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1666680

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.2	12.2
279	24.1	19.4	29.2



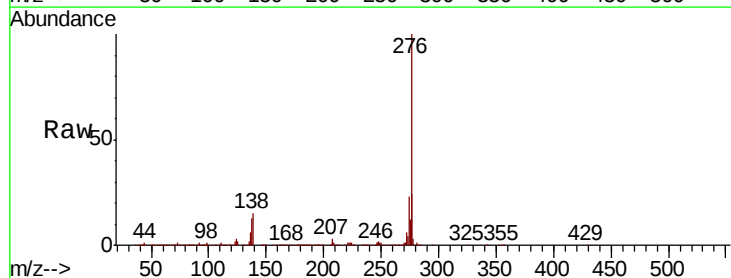
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.957 ng
RT: 29.95 min Scan# 4572
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:276 Resp: 1636855

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	14.6	11.8	17.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

