

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044782.D
 Acq On : 14 Mar 2020 3:30
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 04:27:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	122406	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	482786	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	320932	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	690065	20.00	ng	0.00
76) Chrysene-d12	21.71	240	550657	20.00	ng	0.00
87) Perylene-d12	24.93	264	632311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	562269	71.51	ng	0.00
7) Phenol-d6	7.21	99	819120	71.70	ng	0.00
23) Nitrobenzene-d5	9.21	82	818936	74.43	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	333111	79.27	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1652890	73.75	ng	0.00
79) Terphenyl-d14	20.04	244	2182695	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	121258	32.023	ng	99
3) Pyridine	3.92	79	362091	32.302	ng	98
4) n-Nitrosodimethylamine	3.83	42	144489	33.972	ng	97
6) Aniline	7.37	93	505400	35.551	ng	97
8) 2-Chlorophenol	7.62	128	292991	37.326	ng	96
9) Benzaldehyde	7.18	77	241583	33.028	ng	97
10) Phenol	7.24	94	410251	36.271	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	312067	34.571	ng	99
12) 1,3-Dichlorobenzene	7.95	146	353264	36.534	ng	98
13) 1,4-Dichlorobenzene	8.09	146	349408	36.551	ng	98
14) 1,2-Dichlorobenzene	8.41	146	330693	36.475	ng	99
15) Benzyl Alcohol	8.29	79	325604	35.521	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	520355	32.665	ng	99
17) 2-Methylphenol	8.49	107	278765	36.384	ng	99
18) Hexachloroethane	9.15	117	137039	36.412	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	270310	33.508	ng	96
20) 3+4-Methylphenols	8.82	107	386595	36.604	ng	99
22) Acetophenone	8.88	105	472732	34.563	ng	# 98
24) Nitrobenzene	9.25	77	419780	36.772	ng	98
25) Isophorone	9.78	82	726989	33.856	ng	98
26) 2-Nitrophenol	9.97	139	162007	41.696	ng	97
27) 2,4-Dimethylphenol	10.03	122	250741	35.858	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	439729	34.315	ng	98
29) 2,4-Dichlorophenol	10.50	162	308760	37.803	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	366565	37.535	ng	97
31) Naphthalene	10.91	128	962273	35.981	ng	98
32) Benzoic acid	10.17	122	223382	42.415	ng	93
33) 4-Chloroaniline	11.01	127	417421	34.643	ng	99
34) Hexachlorobutadiene	11.21	225	249524	38.853	ng	99
35) Caprolactam	11.78	113	110810	35.833	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	358721	36.826	ng	98
37) 2-Methylnaphthalene	12.52	142	718034	35.892	ng	98
38) 1-Methylnaphthalene	12.74	142	671958	35.728	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	402795	38.110	ng	98

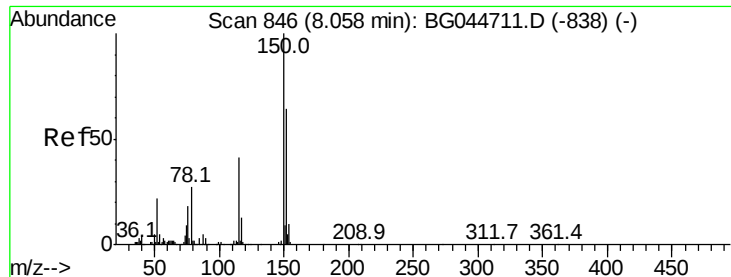
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044782.D
 Acq On : 14 Mar 2020 3:30
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Quant Time: Mar 14 04:27:43 2020
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 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	84777	14.677	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	282652	40.297	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	284893	39.164	ng	93
46) 1,1'-Biphenyl	13.52	154	929284	36.234	ng	100
47) 2-Chloronaphthalene	13.56	162	723043	36.906	ng	98
48) 2-Nitroaniline	13.75	65	273679	39.901	ng	96
49) Acenaphthylene	14.41	152	1115707	36.350	ng	99
50) Dimethylphthalate	14.14	163	897031	35.094	ng	99
51) 2,6-Dinitrotoluene	14.25	165	198103	38.450	ng	96
52) Acenaphthene	14.75	154	697616	34.705	ng	100
53) 3-Nitroaniline	14.57	138	226257	38.196	ng	99
54) 2,4-Dinitrophenol	14.78	184	23157	16.029	ng	# 72
55) Dibenzofuran	15.09	168	1056934	36.259	ng	99
56) 4-Nitrophenol	14.88	139	168711	37.319	ng	96
57) 2,4-Dinitrotoluene	15.04	165	277833	39.319	ng	91
58) Fluorene	15.74	166	859332	35.837	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	262357	39.174	ng	94
60) Diethylphthalate	15.51	149	930572	34.906	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	475315	36.813	ng	94
62) 4-Nitroaniline	15.74	138	234448	37.118	ng	95
63) Azobenzene	16.02	77	946348	34.183	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	36804	17.237	ng	99
66) n-Nitrosodiphenylamine	15.94	169	762719	36.712	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	325047	37.679	ng	95
68) Hexachlorobenzene	16.74	284	351292	37.535	ng	97
69) Atrazine	16.89	200	279462	36.715	ng	97
70) Pentachlorophenol	17.08	266	214148	41.586	ng	93
71) Phenanthrene	17.48	178	1330506	36.081	ng	100
72) Anthracene	17.57	178	1319687	36.293	ng	99
73) Carbazole	17.83	167	1230514	35.230	ng	99
74) Di-n-butylphthalate	18.41	149	1504082	35.424	ng	99
75) Fluoranthene	19.48	202	1549138	35.282	ng	99
77) Benzidine	19.66	184	882497	49.366	ng	98
78) Pyrene	19.84	202	1518564	37.588	ng	99
80) Butylbenzylphthalate	20.73	149	672825	37.435	ng	97
81) Benzo(a)anthracene	21.69	228	1455781	36.715	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	589432	38.425	ng	98
83) Chrysene	21.75	228	1384827	36.562	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	906113	36.529	ng	99
85) Di-n-octyl phthalate	22.84	149	1524452	36.726	ng	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	1658260	33.395	ng	# 97
88) Benzo(b)fluoranthene	23.91	252	1482899	35.524	ng	99
89) Benzo(k)fluoranthene	23.98	252	1449949	36.704	ng	98
90) Benzo(a)pyrene	24.78	252	1404835	35.966	ng	100
91) Dibenzo(a,h)anthracene	28.65	278	1338080	34.724	ng	97
92) Benzo(g,h,i)perylene	29.72	276	1195366	30.703	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampled :

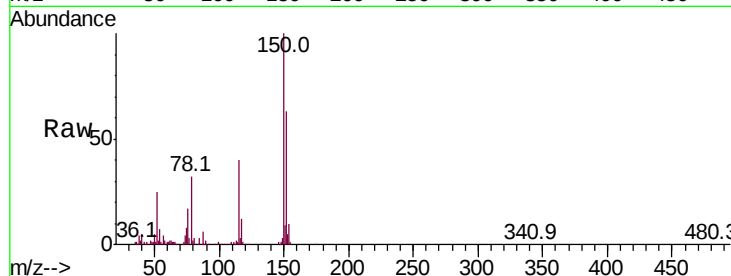
Tot Ion:152 Resp: 122406

Ion Ratio Lower Upper

152 100

150 158.6 125.3 187.9

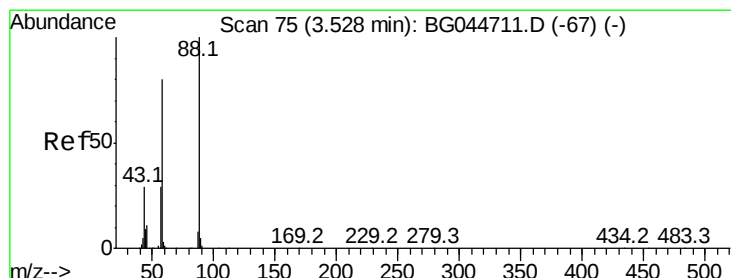
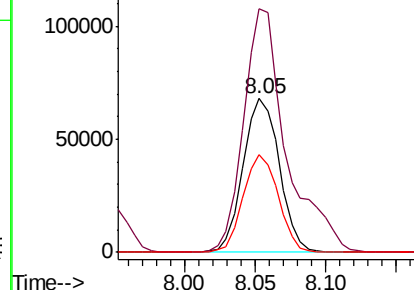
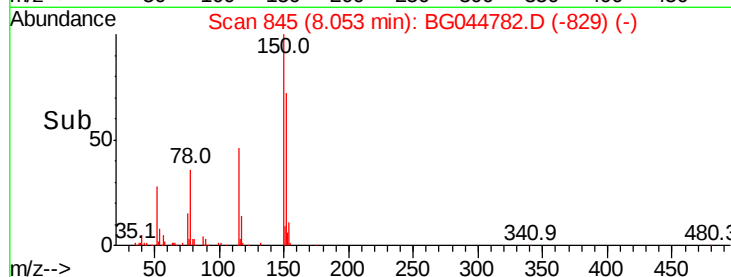
115 63.6 51.7 77.5



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: 32.023 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

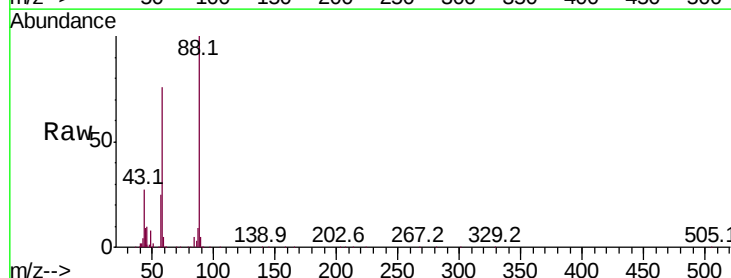
Tgt Ion: 88 Resp: 121258

Ion Ratio Lower Upper

88 100

58 79.3 63.0 94.4

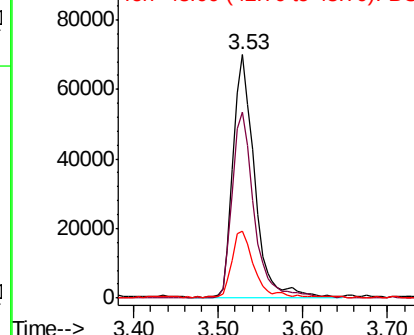
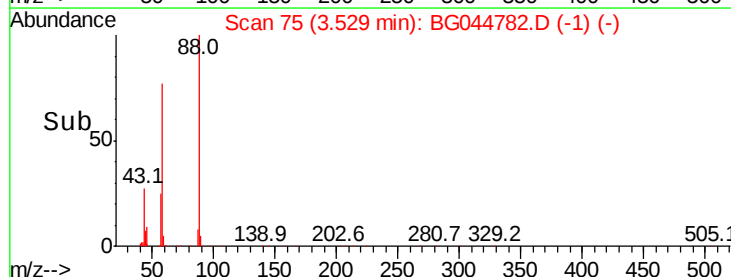
43 28.5 23.2 34.8

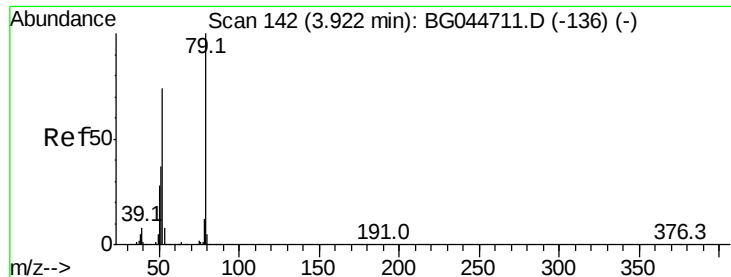


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.302 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

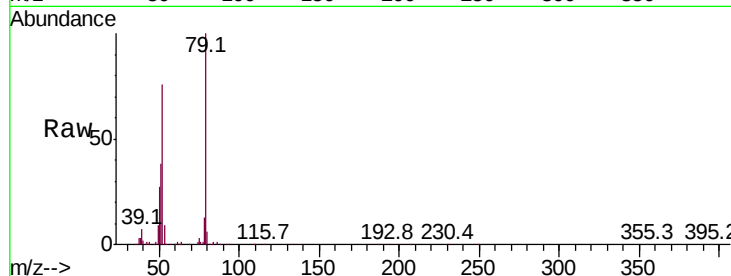
Tot Ion: 79 Resp: 362091

Ion Ratio Lower Upper

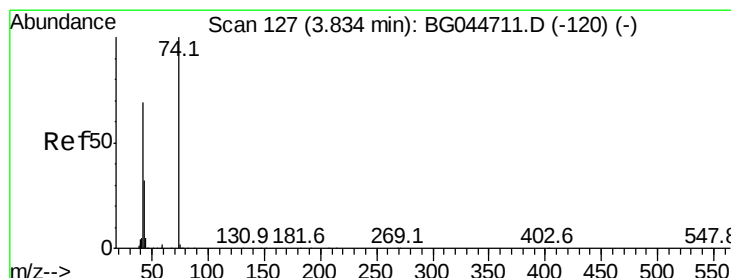
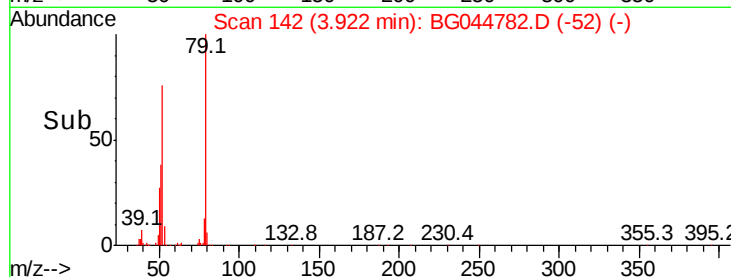
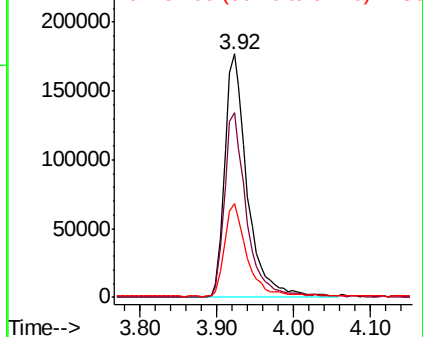
79 100

52 75.9 59.4 89.2

51 38.4 29.7 44.5



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



#4

n-Nitrosodimethylamine

Concen: 33.972 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

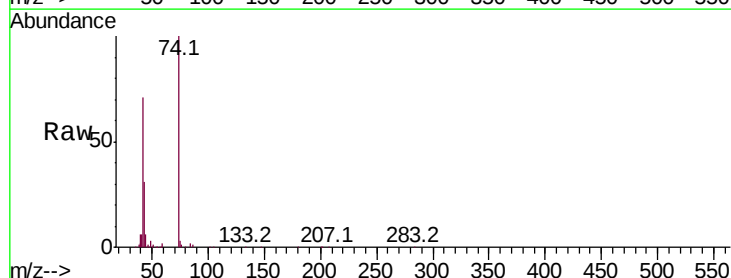
Tgt Ion: 42 Resp: 144489

Ion Ratio Lower Upper

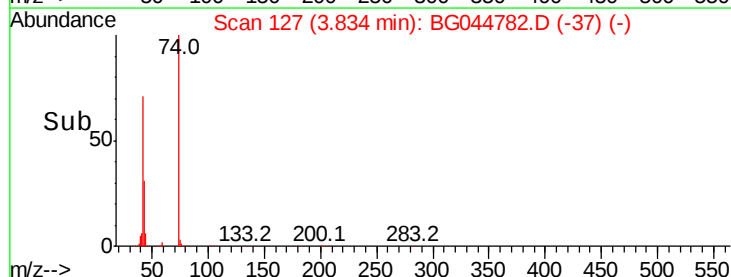
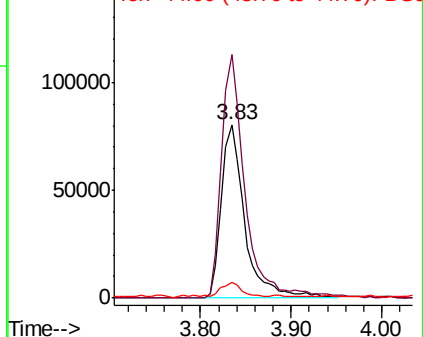
42 100

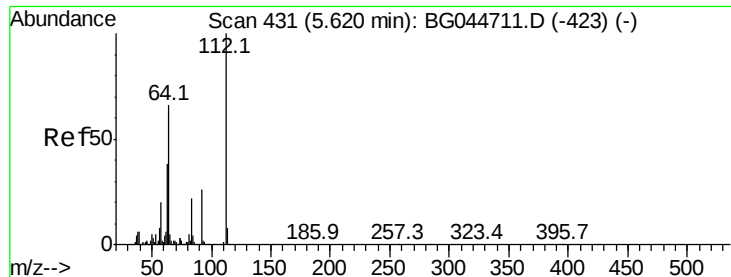
74 140.6 116.1 174.1

44 9.0 7.1 10.7



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





#5

2-Fluorophenol

Concen: 71.506 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

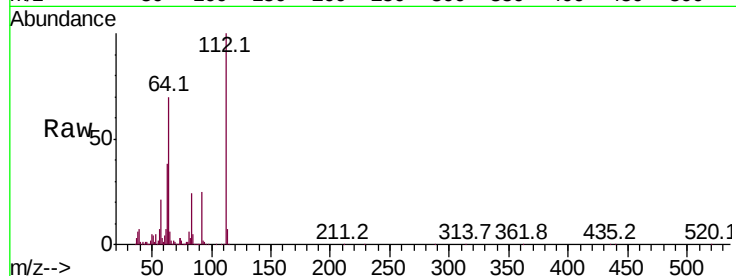
Tot Ion:112 Resp: 562269

Ion Ratio Lower Upper

112 100

64 69.9 52.6 78.8

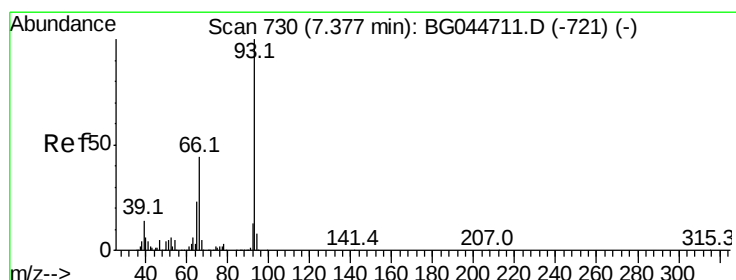
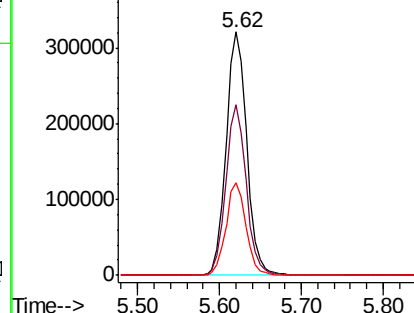
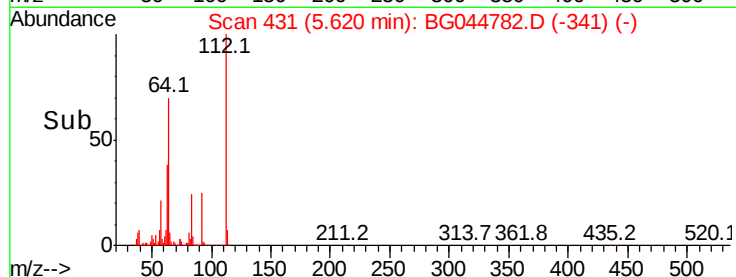
63 37.9 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.551 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

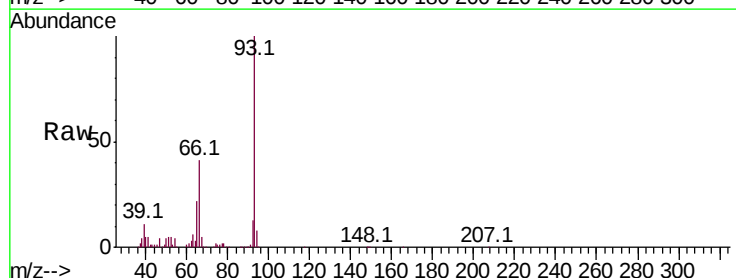
Tgt Ion: 93 Resp: 505400

Ion Ratio Lower Upper

93 100

66 41.4 35.3 52.9

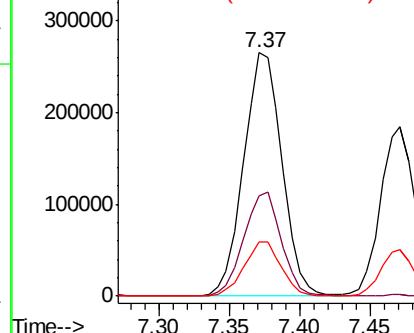
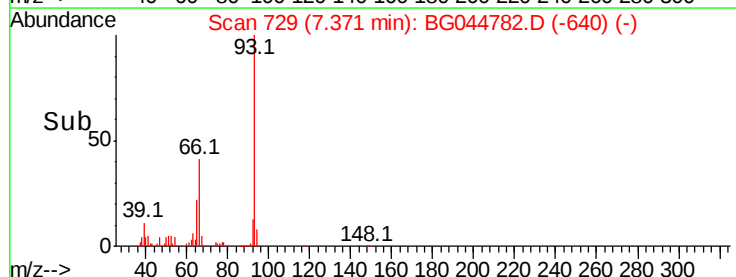
65 22.1 18.2 27.4

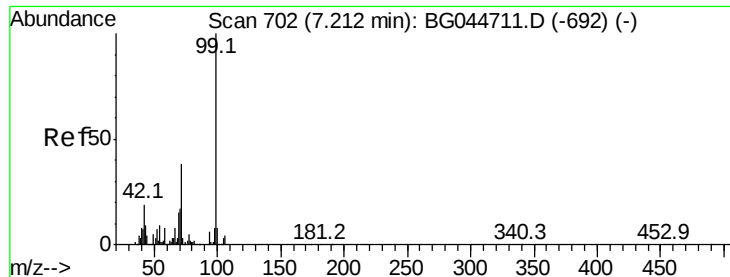


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 71.697 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

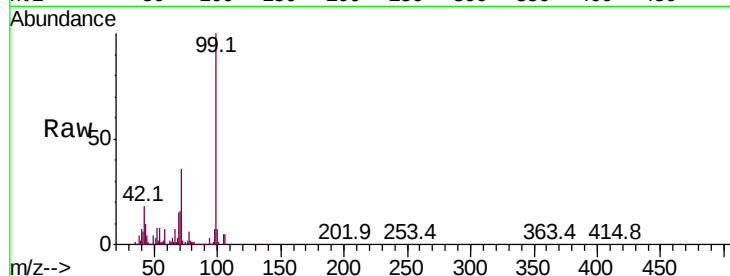
Tot Ion: 99 Resp: 819120

Ion Ratio Lower Upper

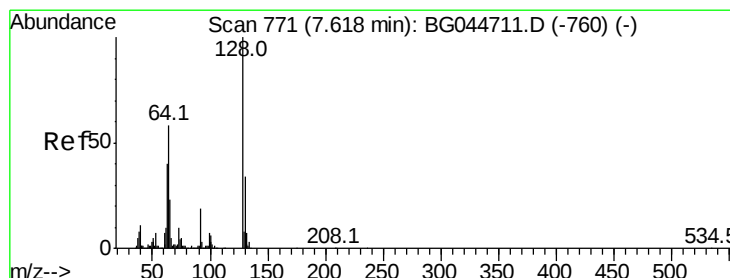
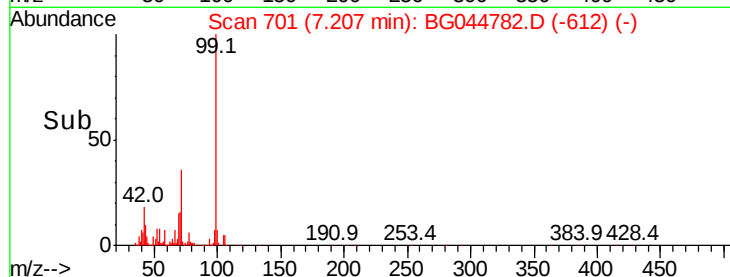
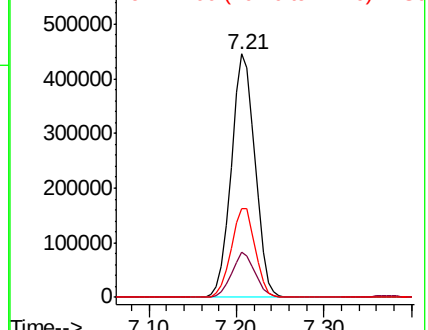
99 100

42 18.3 15.4 23.0

71 36.5 30.2 45.4



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



#8

2-Chlorophenol

Concen: 37.326 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

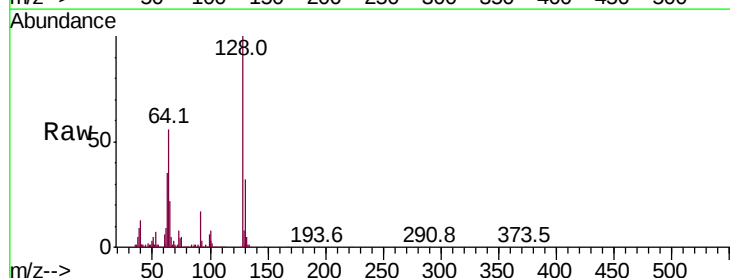
Tgt Ion:128 Resp: 292991

Ion Ratio Lower Upper

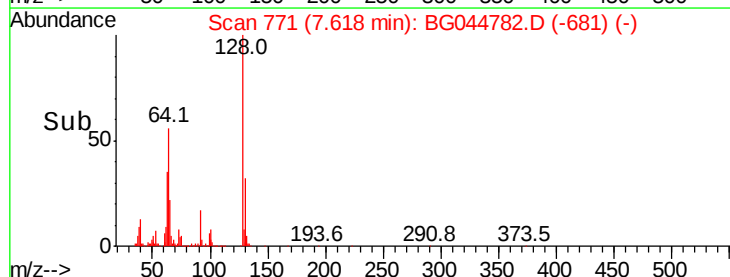
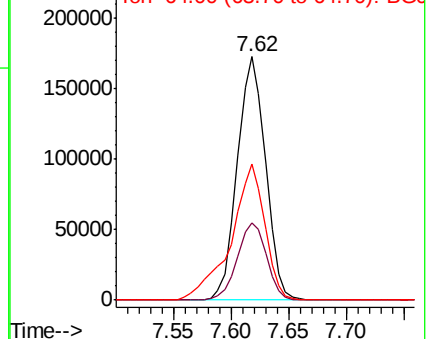
128 100

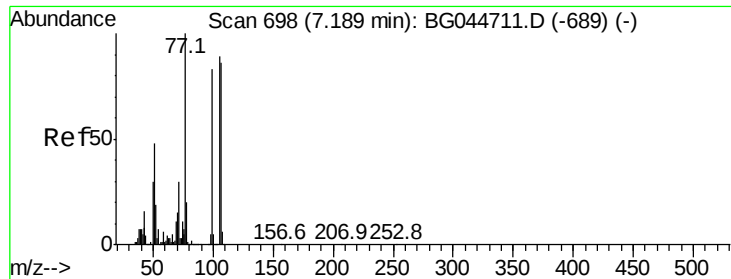
130 31.7 13.6 53.6

64 55.9 38.6 78.6



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





#9

Benzaldehyde

Concen: 33.028 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

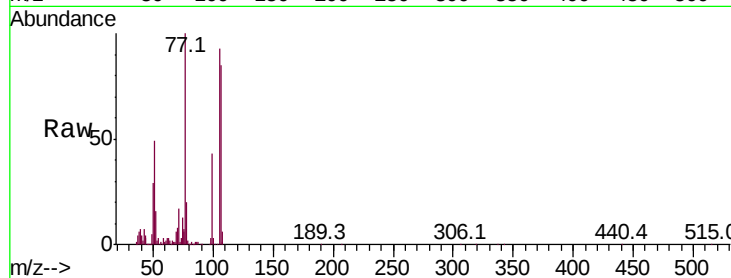
Tot Ion: 77 Resp: 241583

Ion Ratio Lower Upper

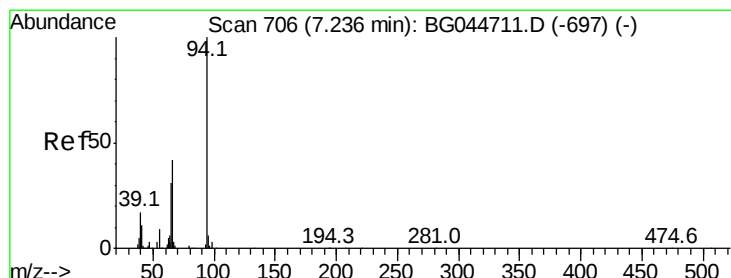
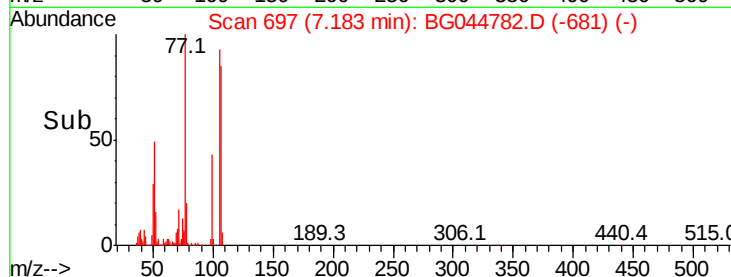
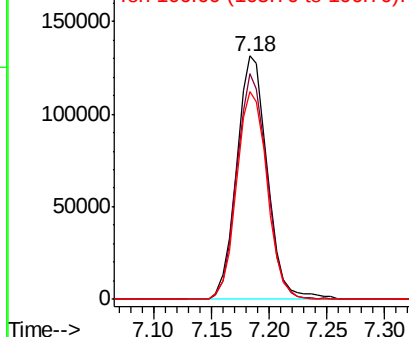
77 100

105 92.7 68.6 108.6

106 85.4 65.9 105.9



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



#10

Phenol

Concen: 36.271 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

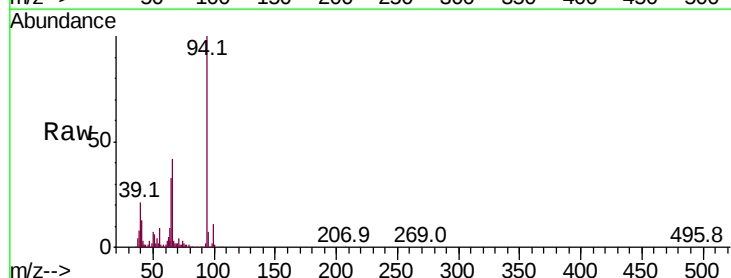
Tgt Ion: 94 Resp: 410251

Ion Ratio Lower Upper

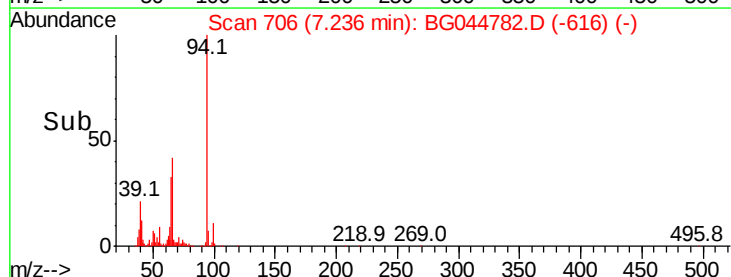
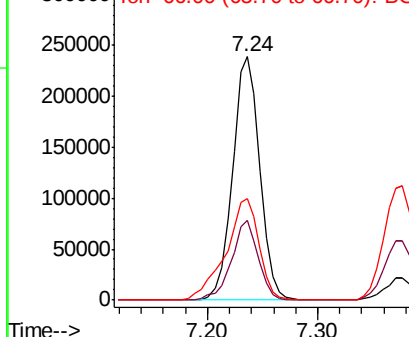
94 100

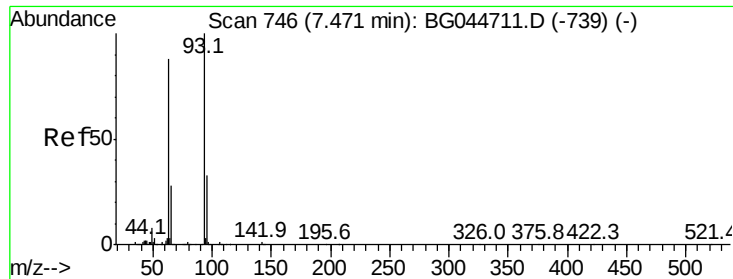
65 32.5 11.3 51.3

66 41.9 22.9 62.9



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

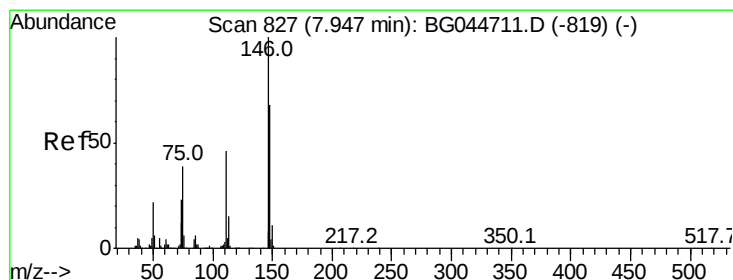
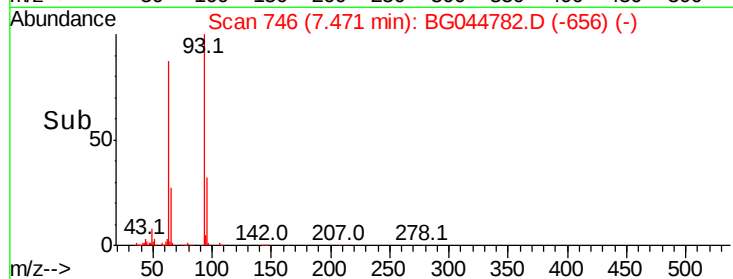
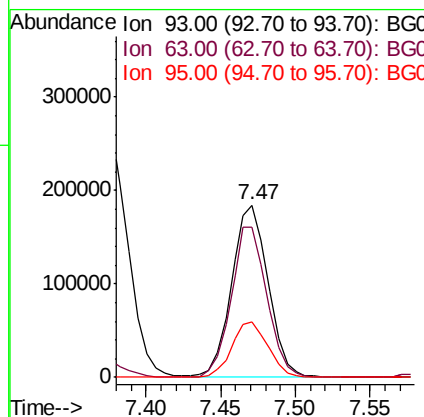
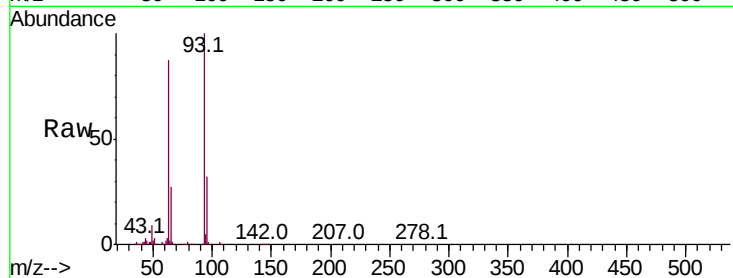




#11
 bis(2-Chloroethyl)ether
 Concen: 34.571 ng
 RT: 7.47 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

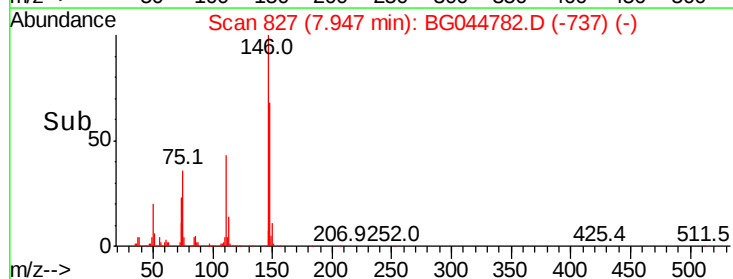
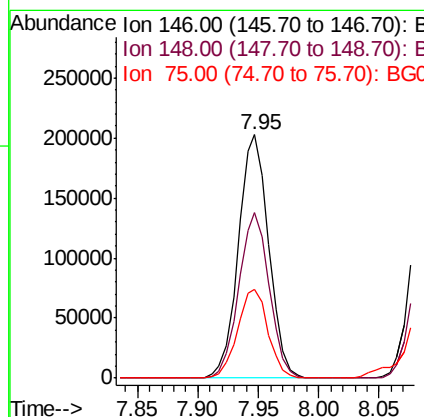
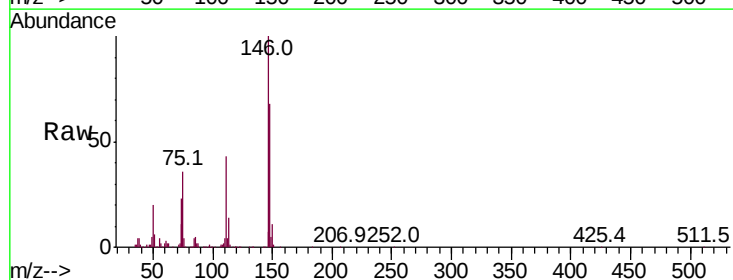
Instrument :
 BNA_G
 ClientSampleId :

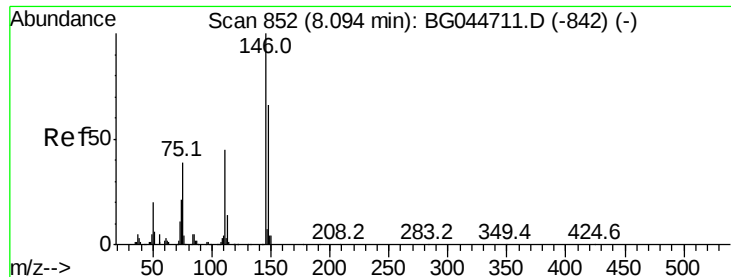
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.4	68.1	108.1
95	31.9	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 36.534 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	54.2	81.2
75	36.2	31.3	46.9

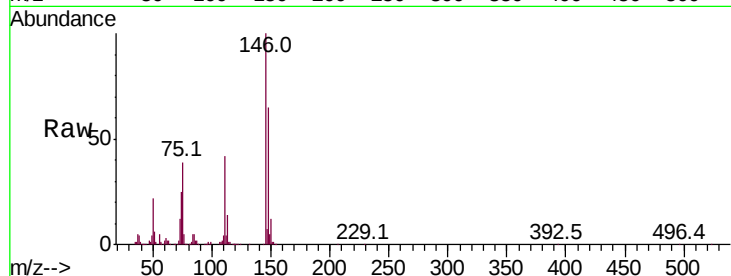




#13
 1,4-Dichlorobenzene
 Concen: 36.551 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.9	79.3
111	42.3	35.6	53.4

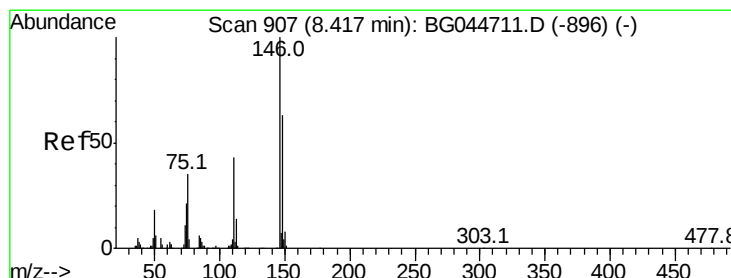
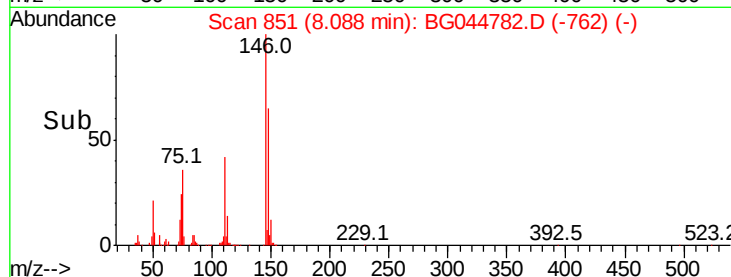
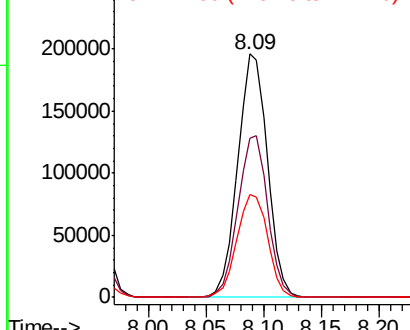


Abundance

Ion 146.00 (145.70 to 146.70): E

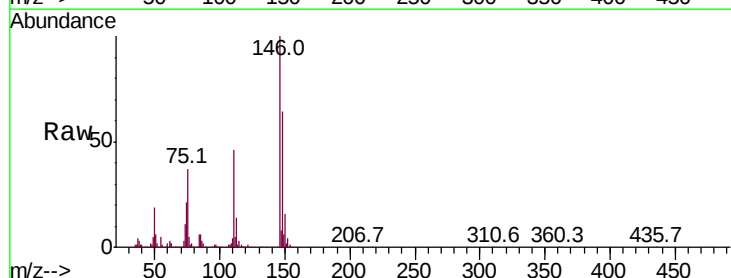
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.475 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	45.6	34.8	52.2

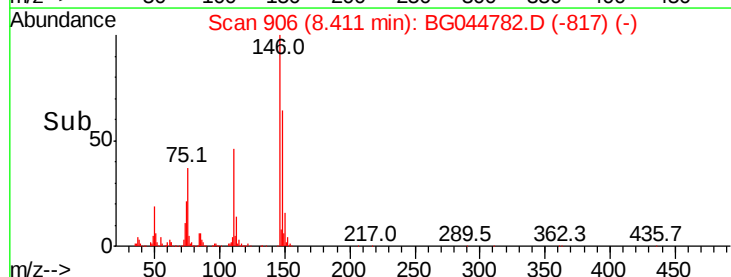
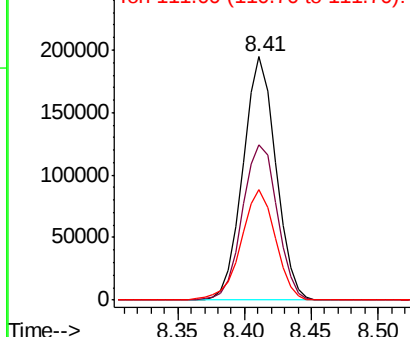


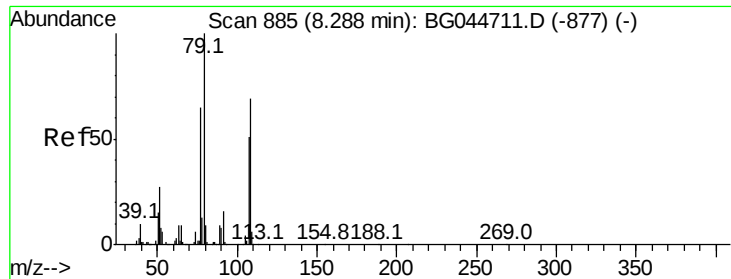
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

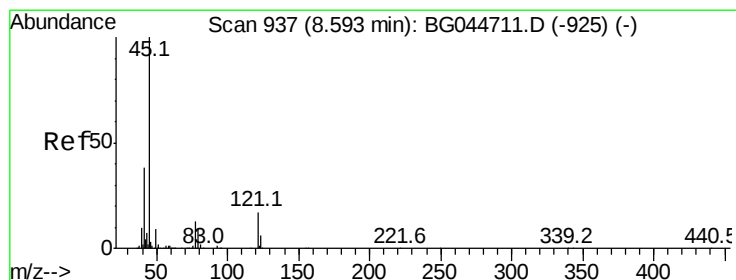
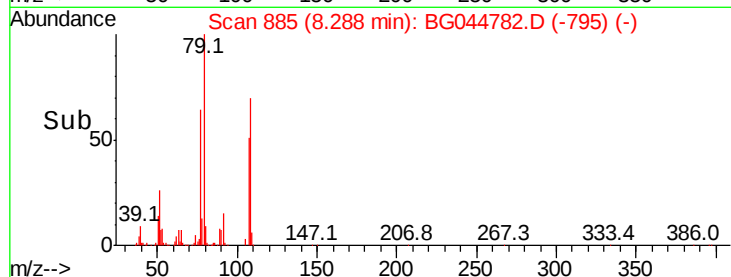
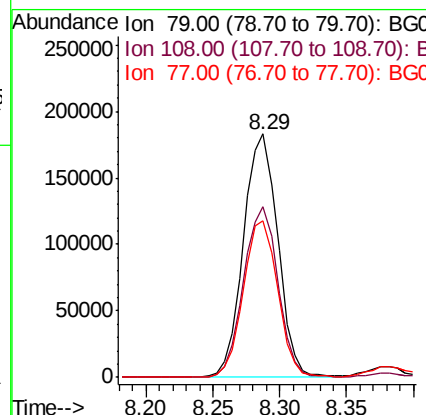
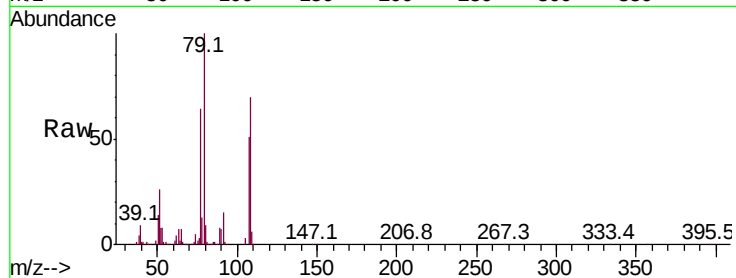




#15
Benzyl Alcohol
Concen: 35.521 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

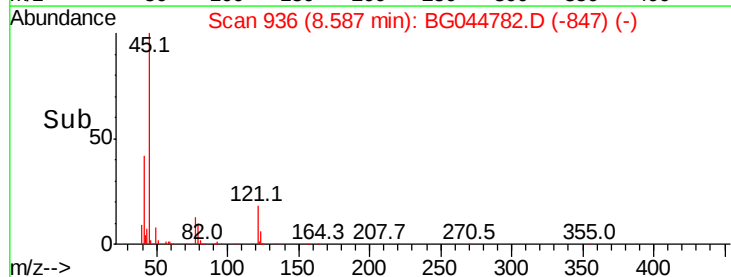
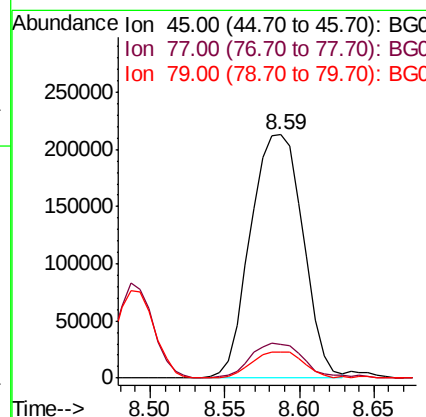
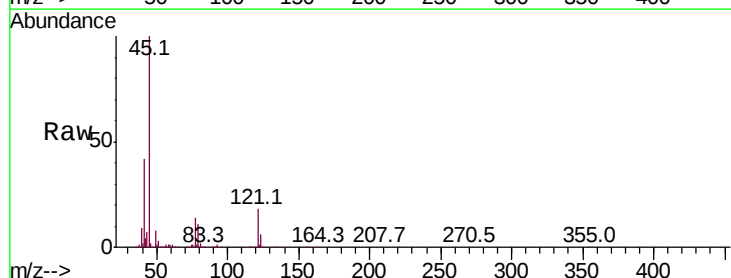
Instrument :
BNA_G
ClientSampleId :

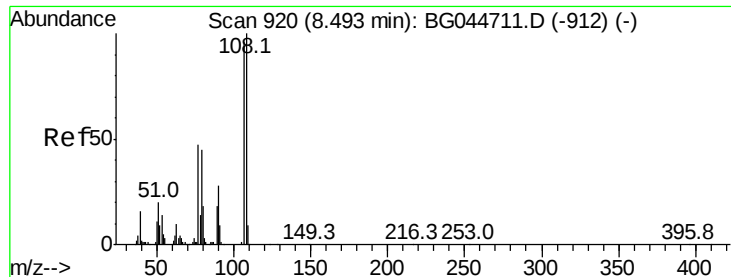
Tot Ion: 79 Resp: 325604
Ion Ratio Lower Upper
79 100
108 70.2 55.4 83.0
77 64.1 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.665 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion: 45 Resp: 520355
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.4
79 10.9 0.0 30.0





#17

2-Methylphenol

Concen: 36.384 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 278765

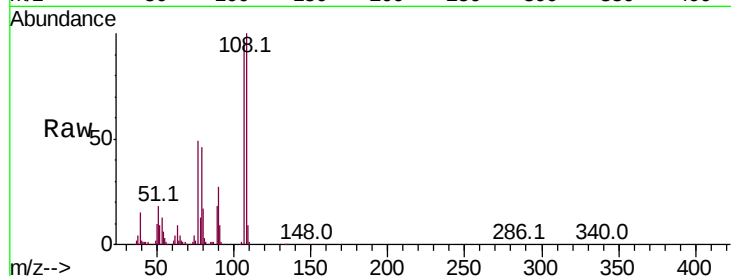
Ion Ratio Lower Upper

107 100

108 104.4 83.2 124.8

77 51.4 39.0 58.6

79 47.6 37.6 56.4

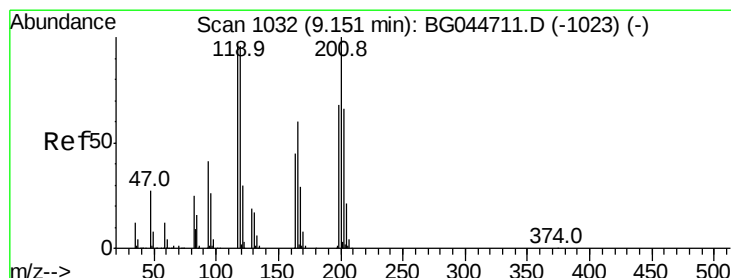
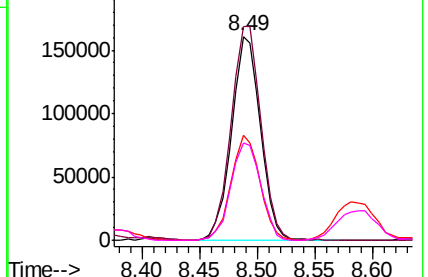
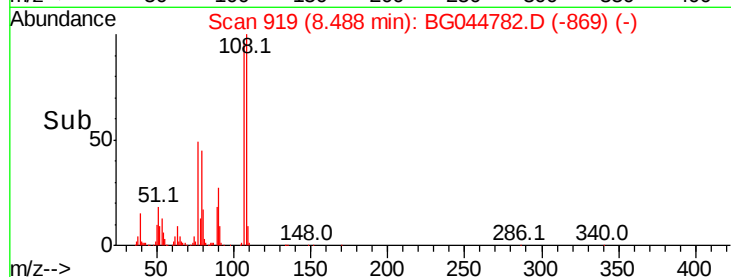


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.412 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

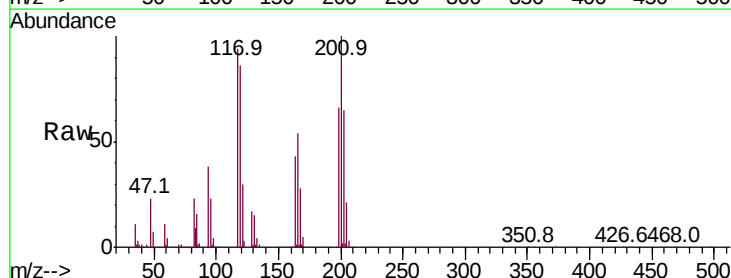
Tgt Ion:117 Resp: 137039

Ion Ratio Lower Upper

117 100

119 91.9 80.2 120.4

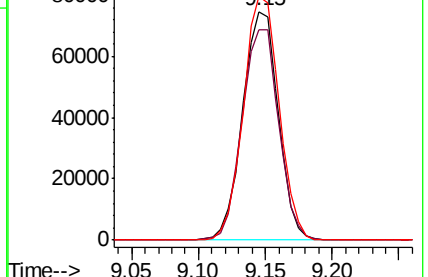
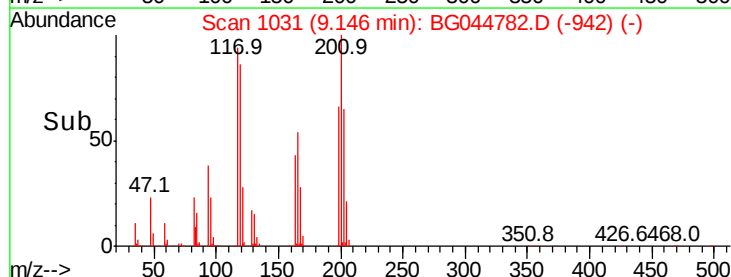
201 106.6 83.4 125.2

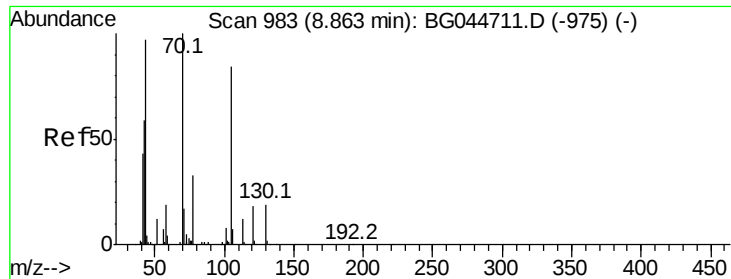


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

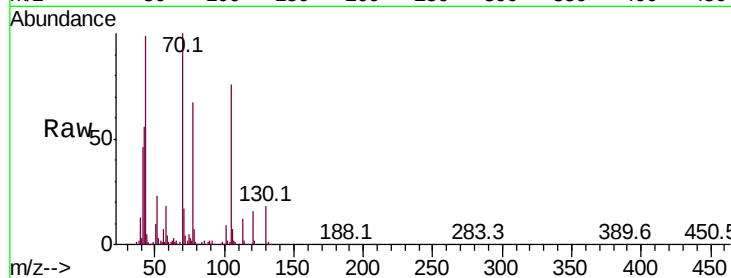




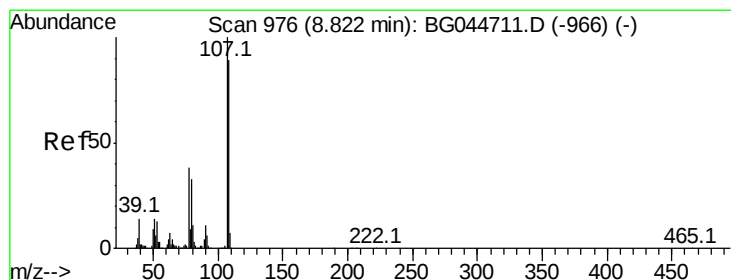
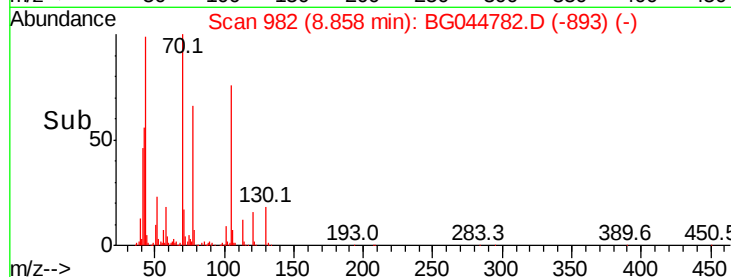
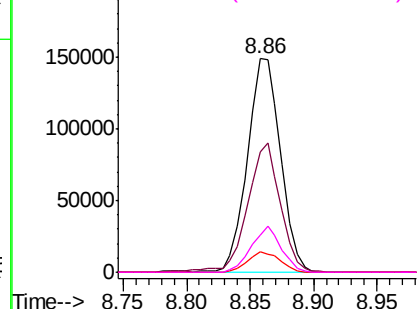
#19
n-Nitroso-di-n-propylamine
Concen: 33.508 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	270310
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.6	71.4
101	9.3	6.5	9.7
130	17.6	15.0	22.4

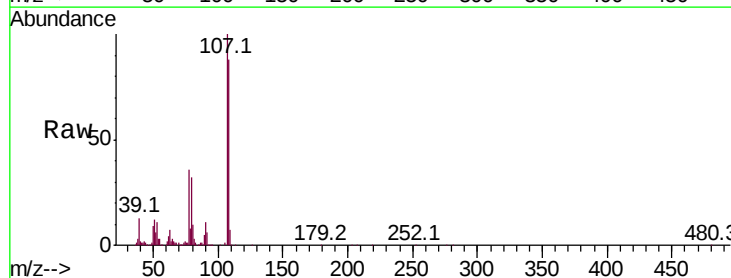


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

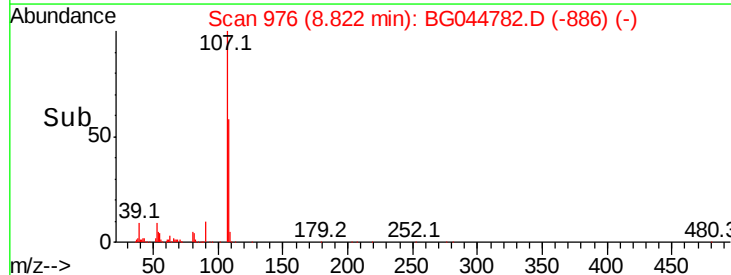
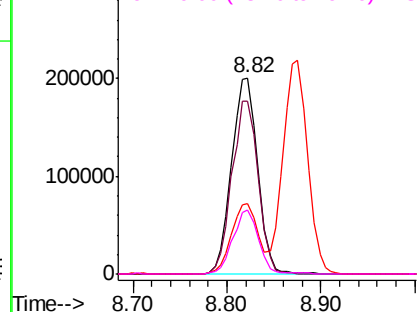


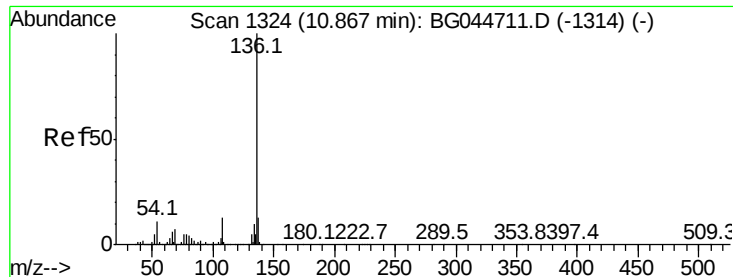
#20
3+4-Methylphenols
Concen: 36.604 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion:	107	Resp:	386595
Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.1	109.1
77	35.9	17.7	57.7
79	32.4	13.0	53.0



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

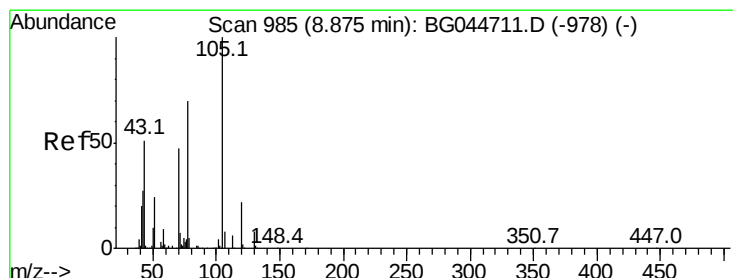
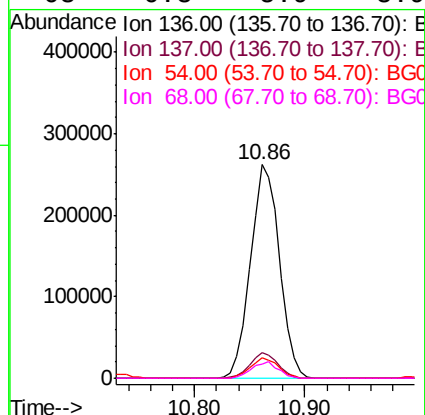
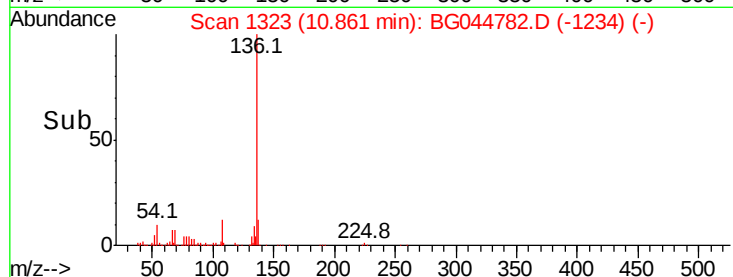
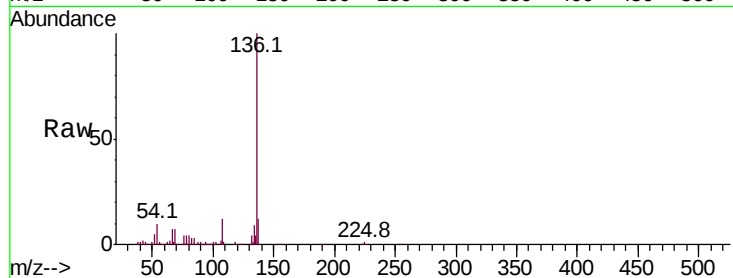




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

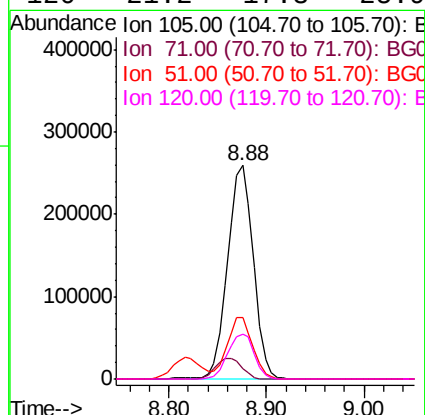
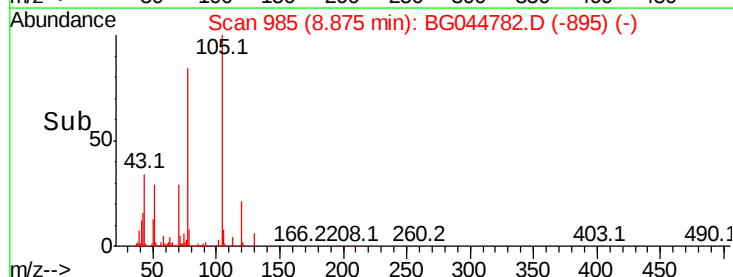
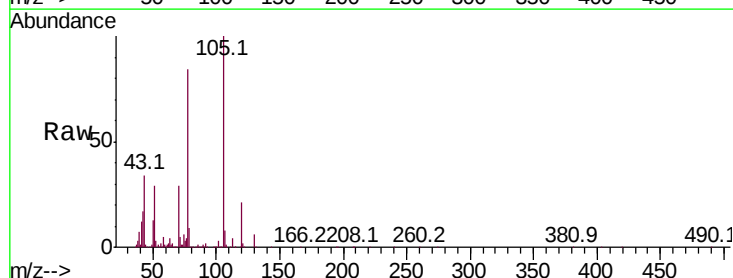
Instrument :
BNA_G
ClientSampleId :

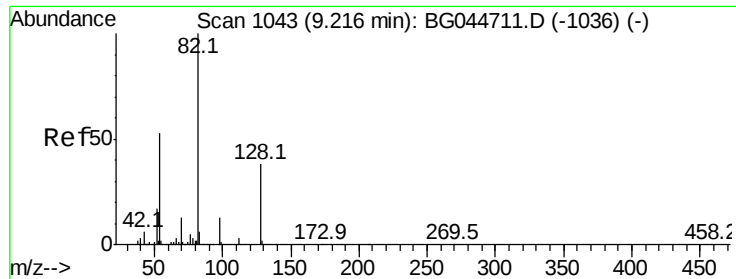
Tot Ion:136	Resp:	482786
Ion Ratio	Lower	Upper
136 100		
137 12.0	10.7	16.1
54 9.5	9.0	13.4
68 6.8	5.9	8.9



#22
Acetophenone
Concen: 34.563 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion:105	Resp:	472732
Ion Ratio	Lower	Upper
105 100		
71 4.6	5.8	8.8#
51 28.9	23.8	35.8
120 21.2	17.3	25.9





#23

Nitrobenzene-d5

Concen: 74.435 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

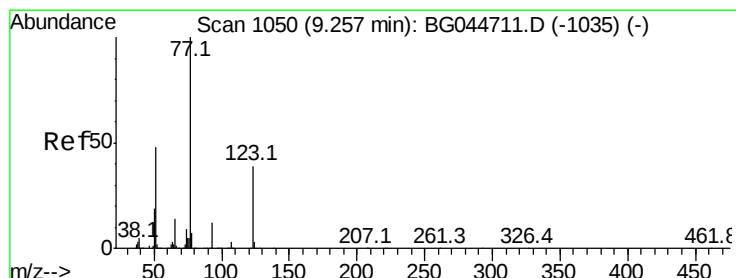
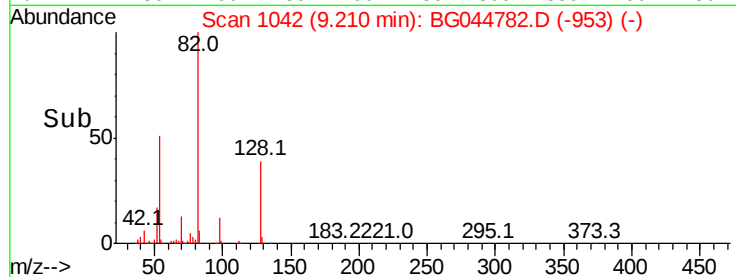
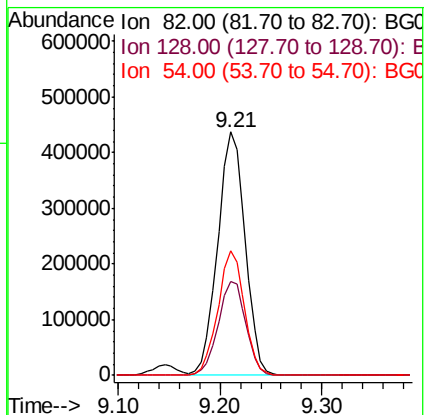
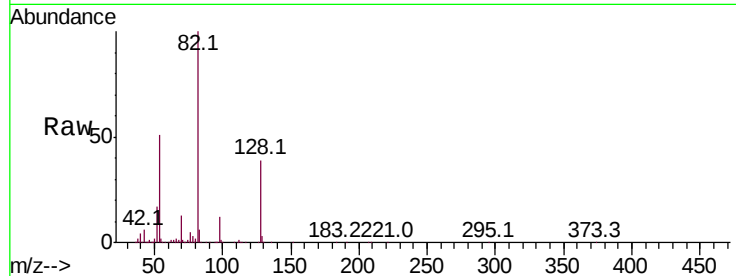
Tot Ion: 82 Resp: 818936

Ion Ratio Lower Upper

82 100

128 38.7 30.2 45.2

54 50.9 41.8 62.8



#24

Nitrobenzene

Concen: 36.772 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

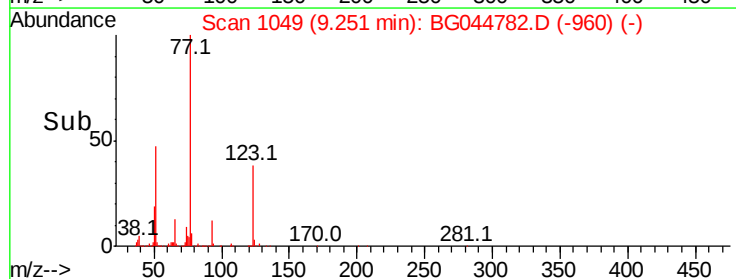
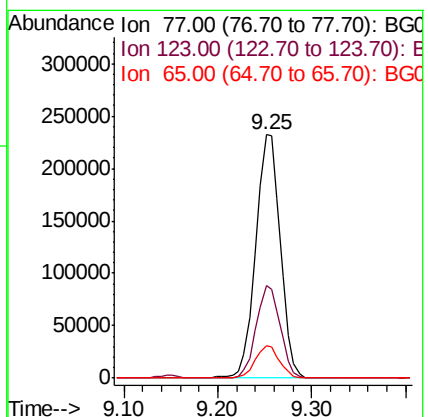
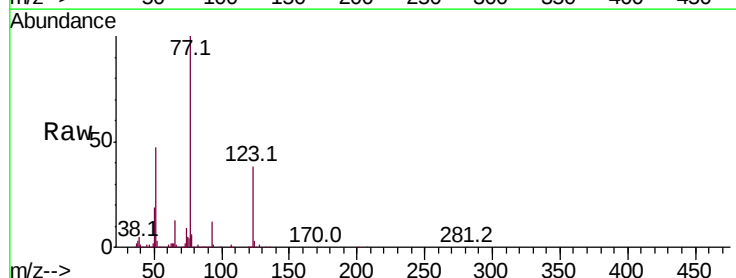
Tgt Ion: 77 Resp: 419780

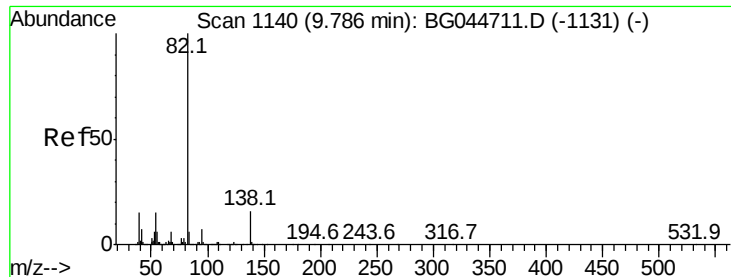
Ion Ratio Lower Upper

77 100

123 38.3 31.5 47.3

65 13.1 11.0 16.4





#25

Isophorone

Concen: 33.856 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

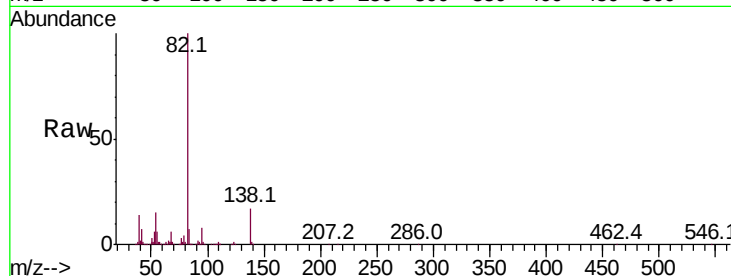
Tot Ion: 82 Resp: 726989

Ion Ratio Lower Upper

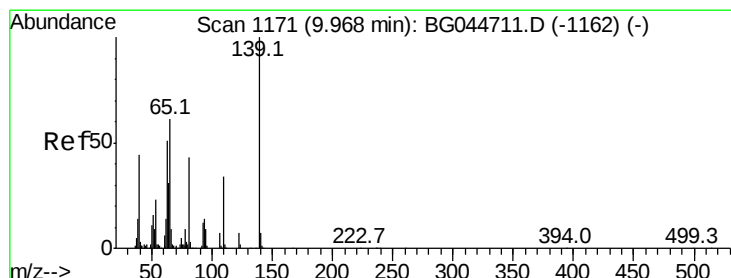
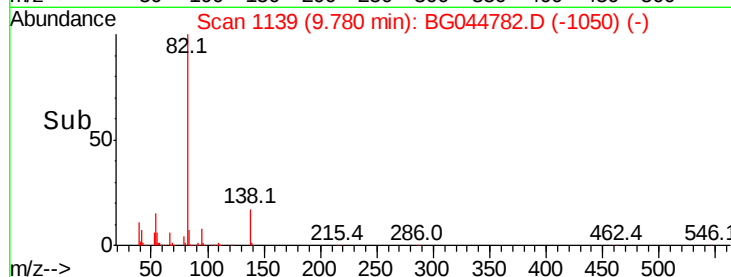
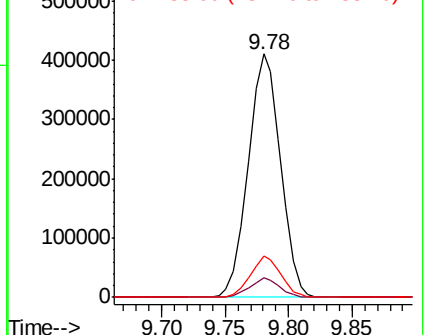
82 100

95 7.9 5.6 8.4

138 16.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 41.696 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

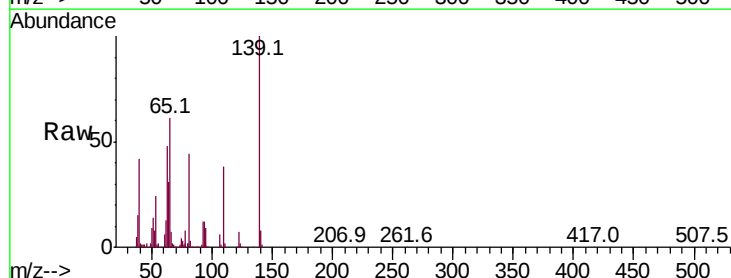
Tgt Ion:139 Resp: 162007

Ion Ratio Lower Upper

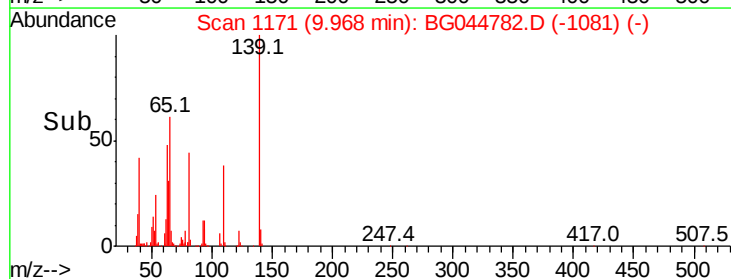
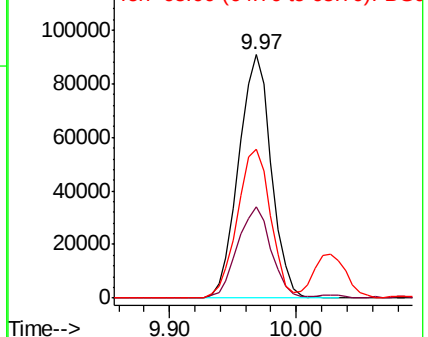
139 100

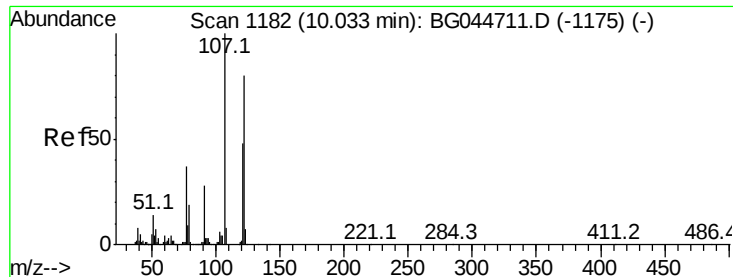
109 37.7 27.0 40.4

65 61.1 48.6 73.0



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: 35.858 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampled :

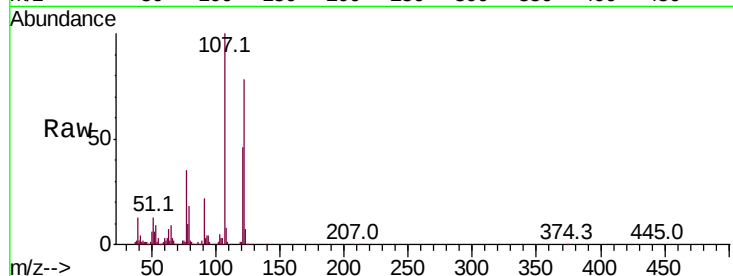
Tot Ion:122 Resp: 250741

Ion Ratio Lower Upper

122 100

107 128.7 99.0 148.6

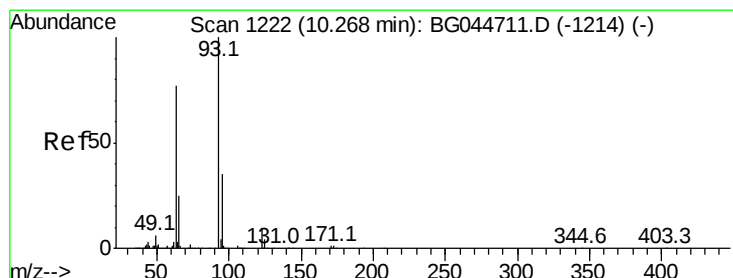
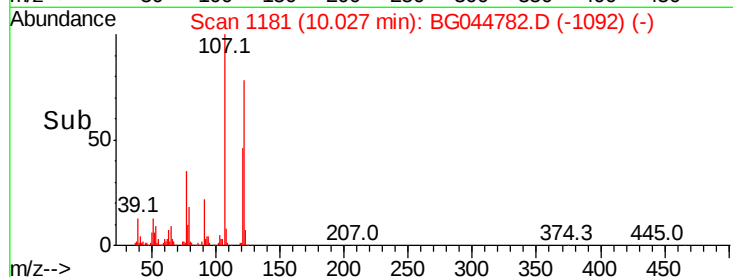
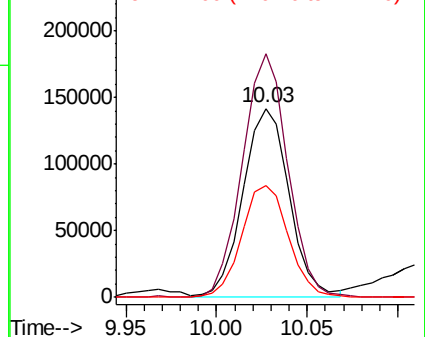
121 59.4 47.6 71.4



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: 34.315 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

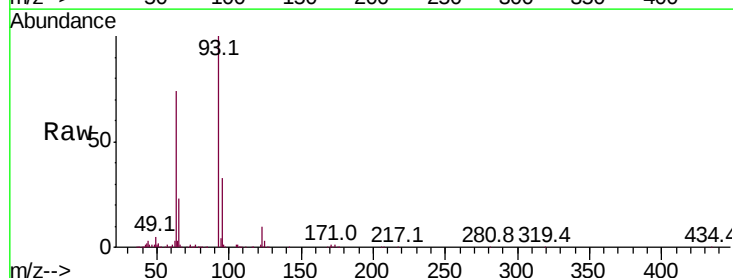
Tgt Ion: 93 Resp: 439729

Ion Ratio Lower Upper

93 100

95 33.4 27.7 41.5

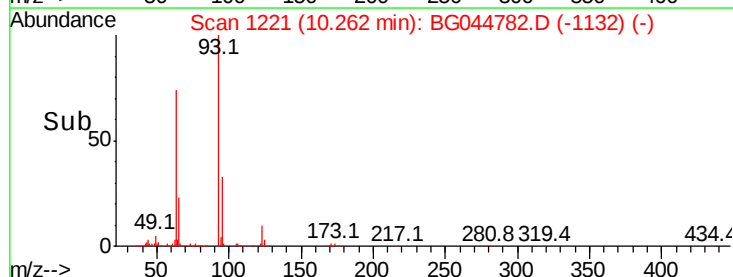
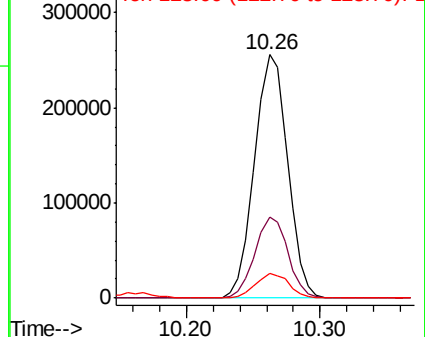
123 10.0 8.1 12.1

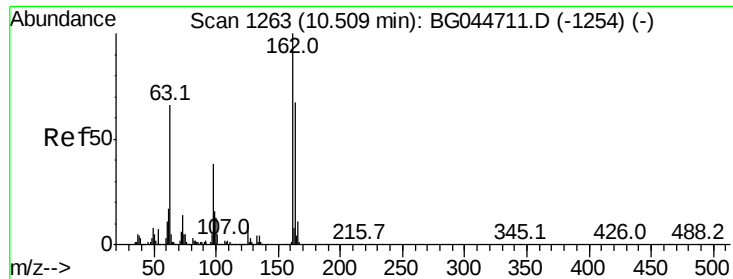


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.803 ng

RT: 10.50 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

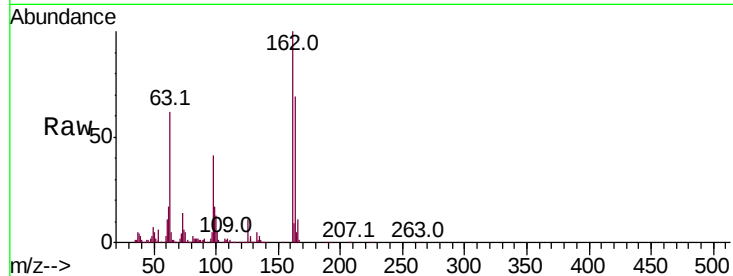
Tot Ion:162 Resp: 308760

Ion Ratio Lower Upper

162 100

164 68.5 46.5 86.5

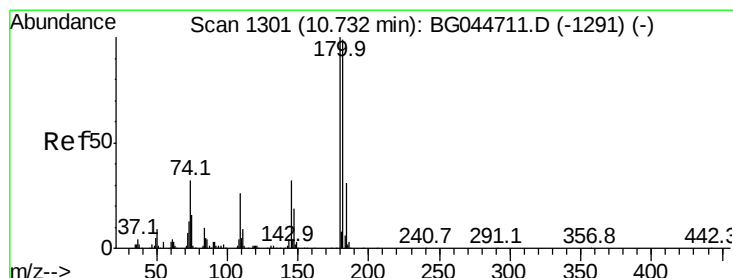
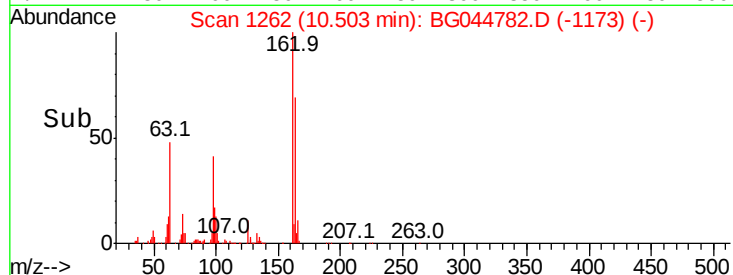
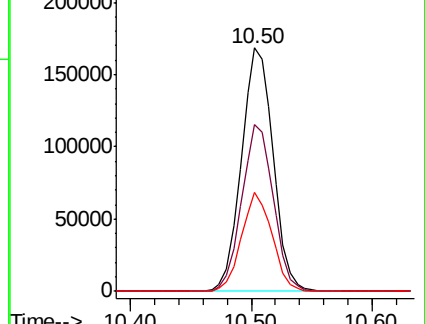
98 40.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.535 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

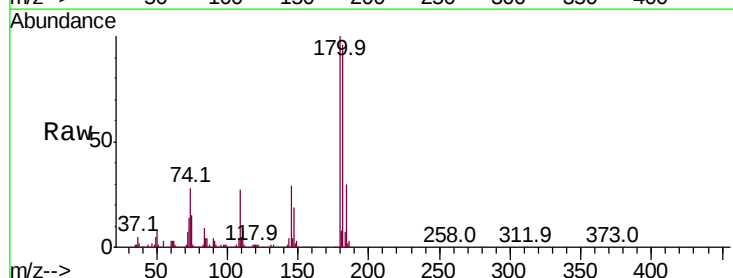
Tgt Ion:180 Resp: 366565

Ion Ratio Lower Upper

180 100

182 96.0 78.8 118.2

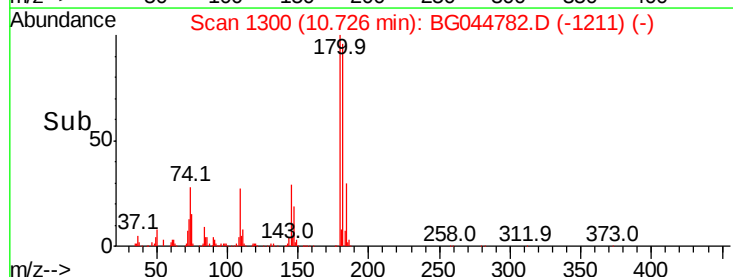
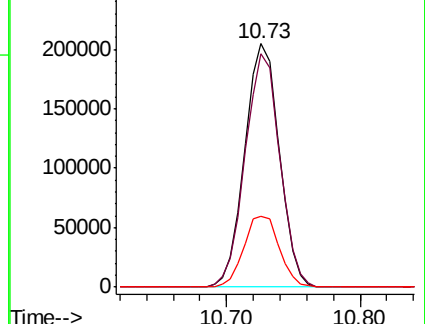
145 29.1 25.4 38.0

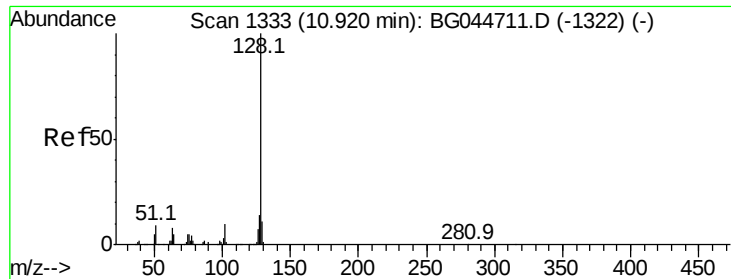


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

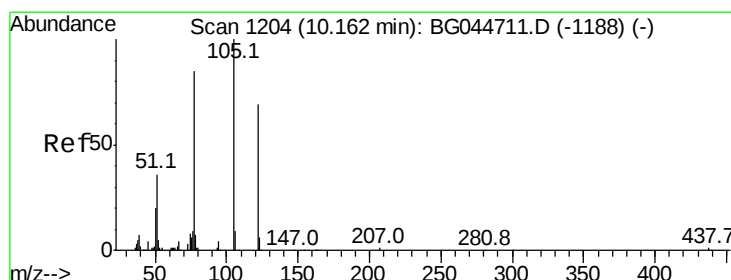
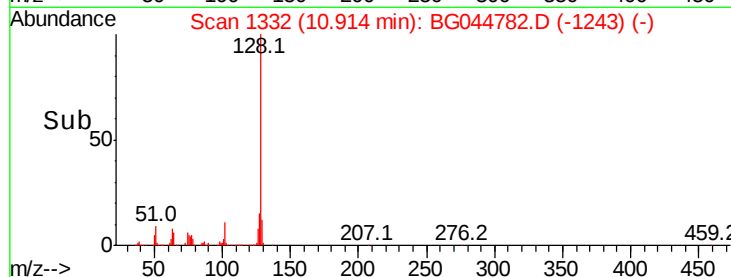
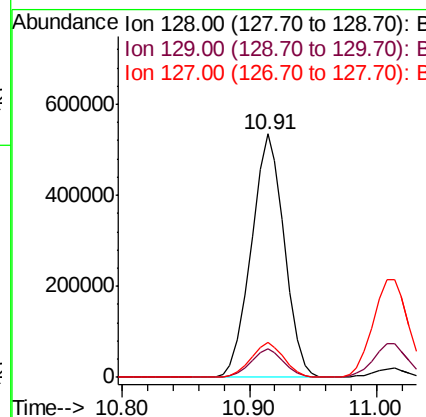
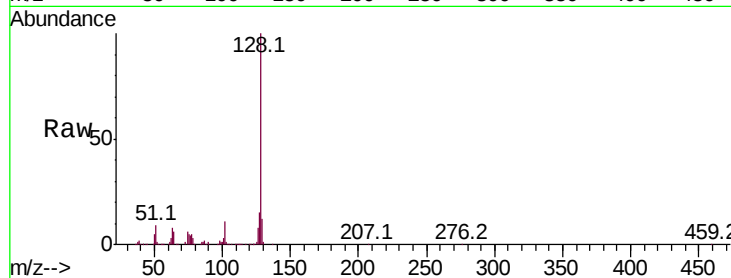




#31
Naphthalene
Concen: 35.981 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

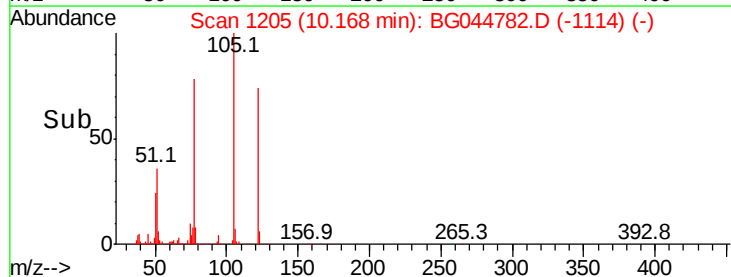
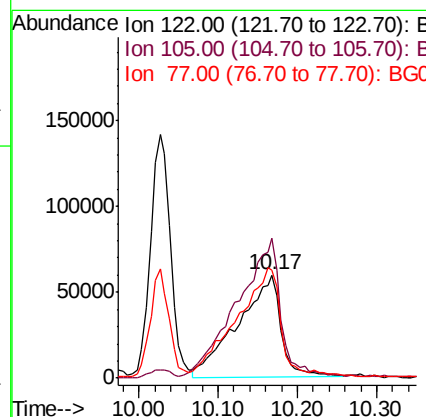
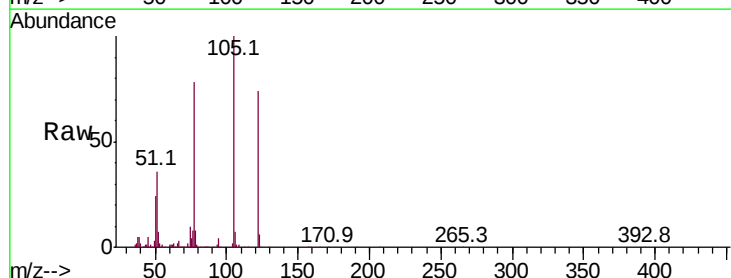
Instrument :
BNA_G
ClientSampleId :

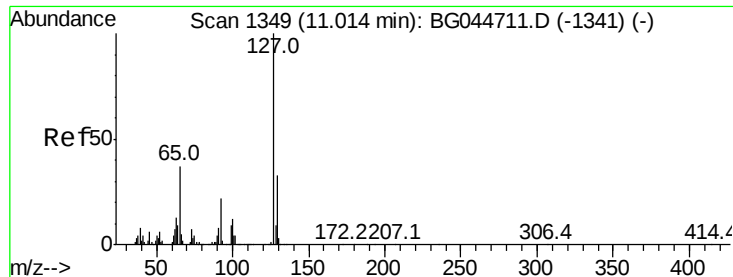
Tot Ion:128 Resp: 962273
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 14.5 11.0 16.6



#32
Benzoic acid
Concen: 42.415 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion:122 Resp: 223382
Ion Ratio Lower Upper
122 100
105 134.8 119.0 159.0
77 105.0 96.4 136.4

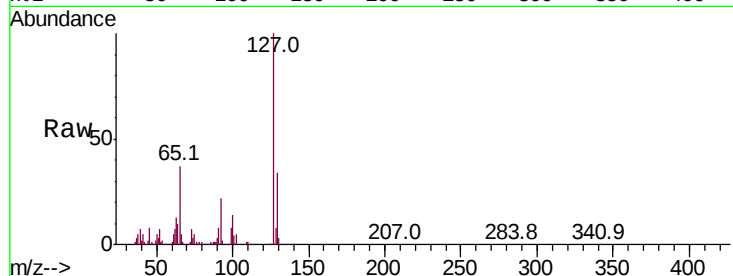




#33
4-Chloroaniline
Concen: 34.643 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.4
65	37.3	29.6	44.4
92	21.8	17.4	26.0



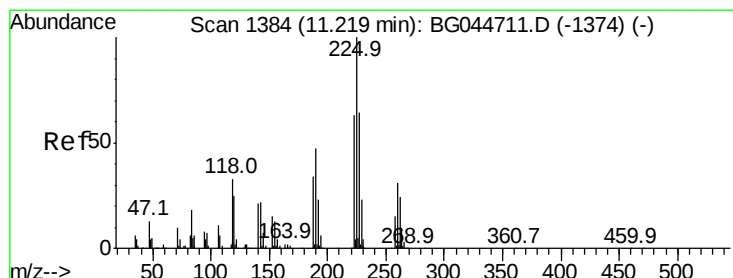
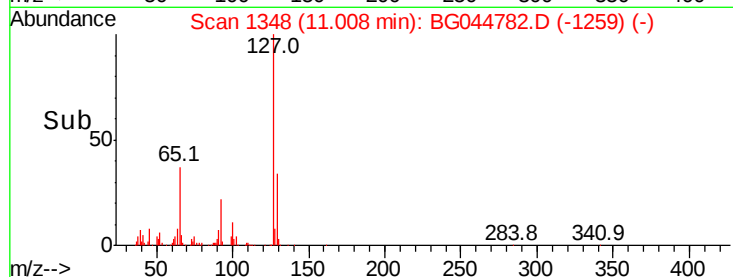
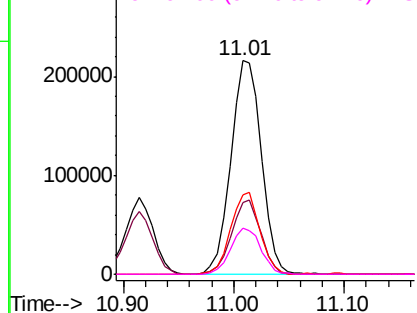
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

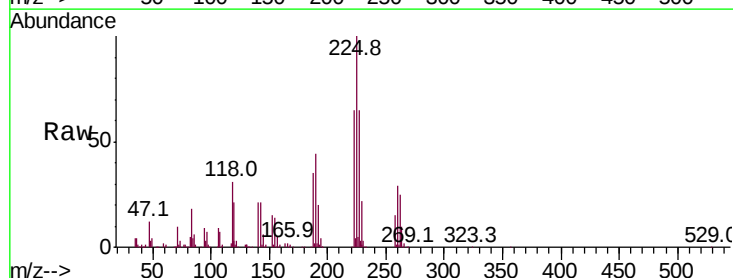
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.853 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	64.6	51.6	77.4

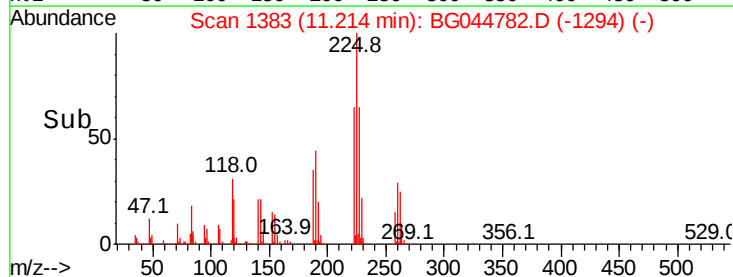
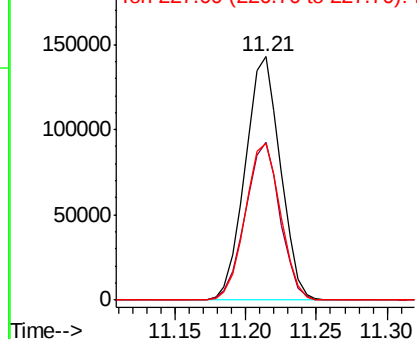


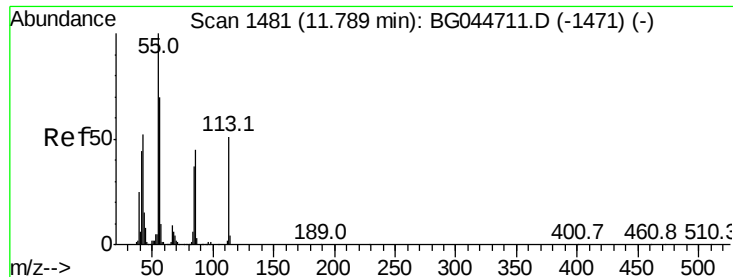
Abundance

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

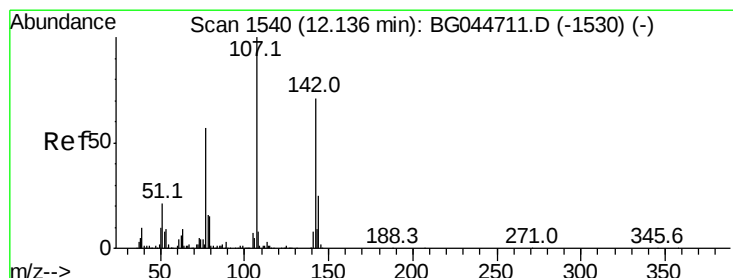
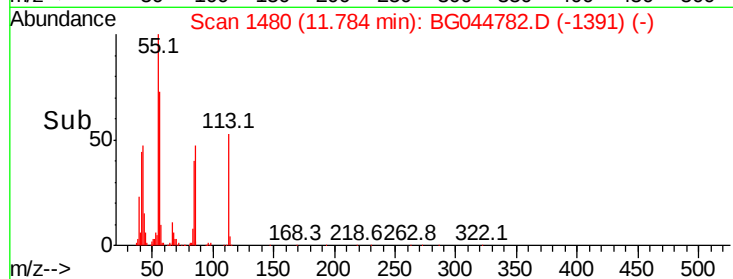
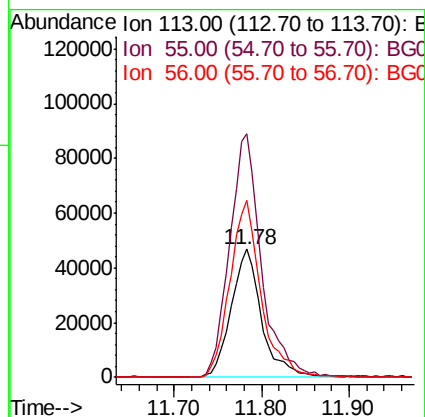
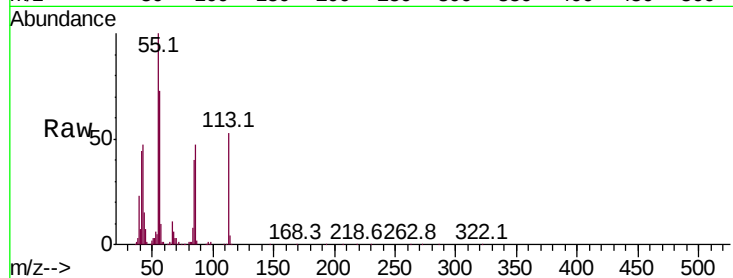




#35
 Caprolactam
 Concen: 35.833 ng
 RT: 11.78 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

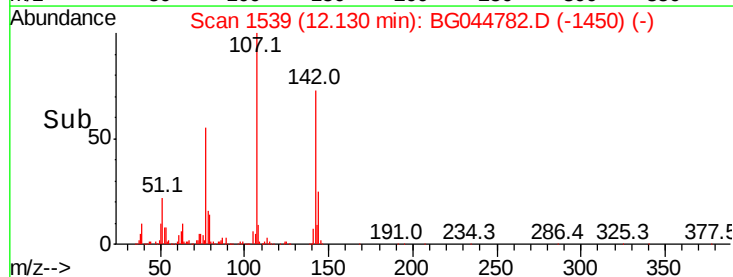
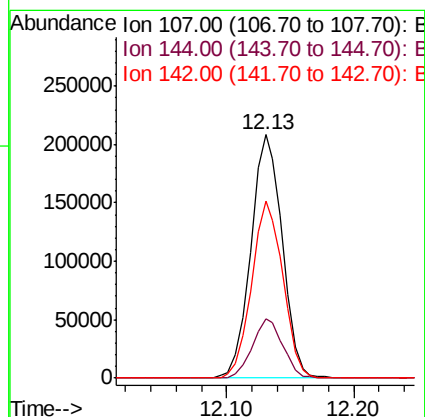
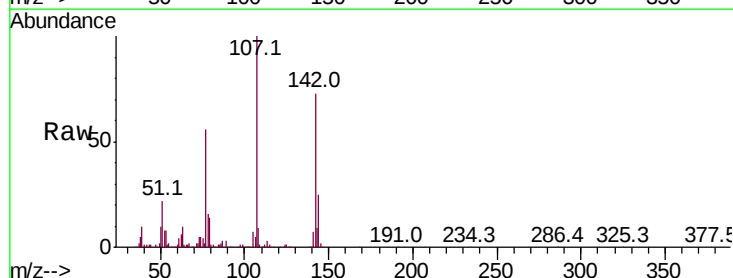
Instrument :
 BNA_G
 ClientSampled :

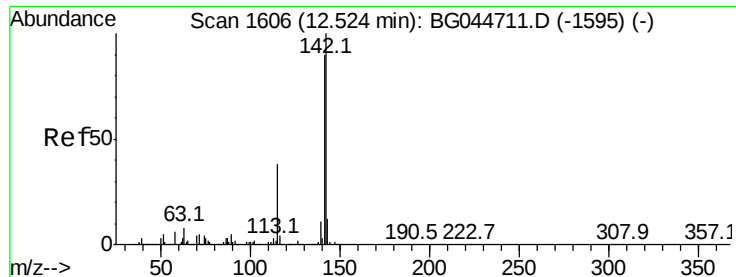
Tot Ion:113 Resp: 110810
 Ion Ratio Lower Upper
 113 100
 55 189.7 178.4 218.4
 56 138.3 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.826 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Tgt Ion:107 Resp: 358721
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.6 29.4
 142 72.7 56.5 84.7

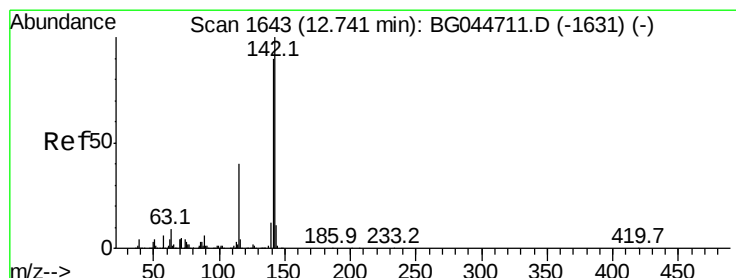
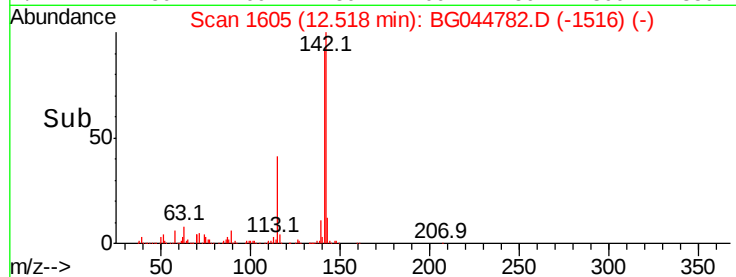
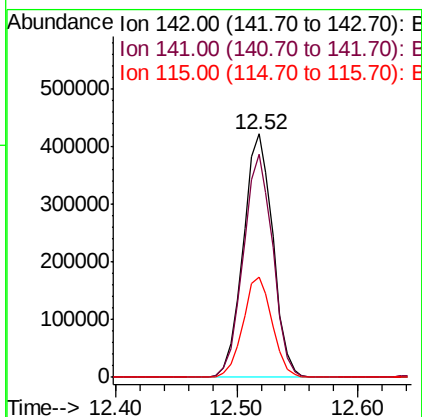
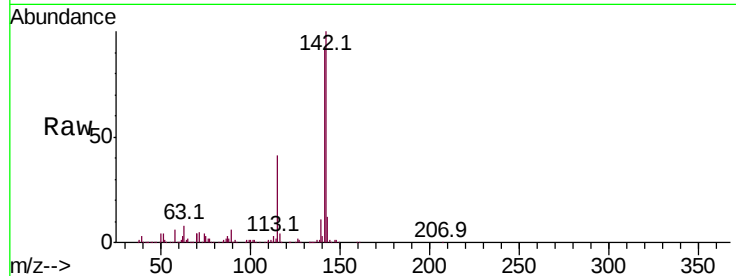




#37
 2-Methylnaphthalene
 Concen: 35.892 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

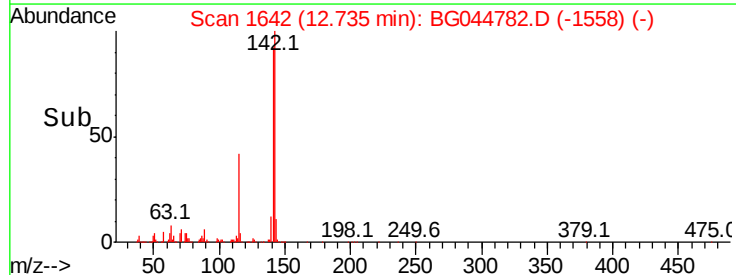
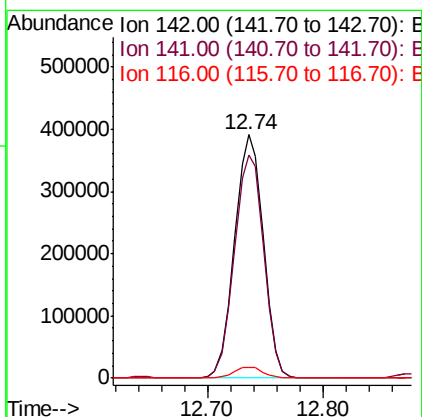
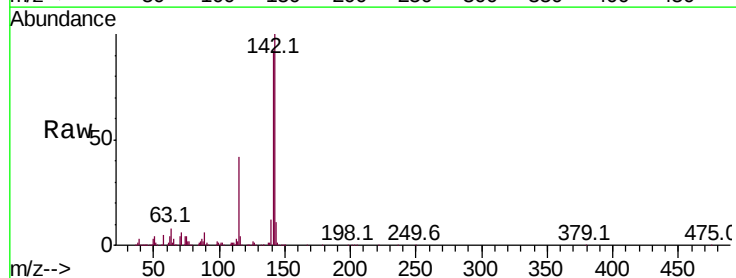
Instrument :
 BNA_G
 ClientSampleId :

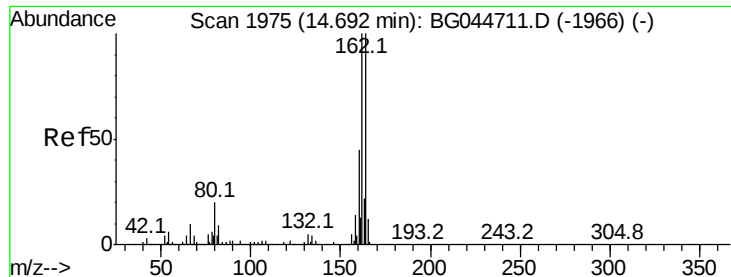
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5
115	41.1	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 35.728 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.2	108.2
116	4.1	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

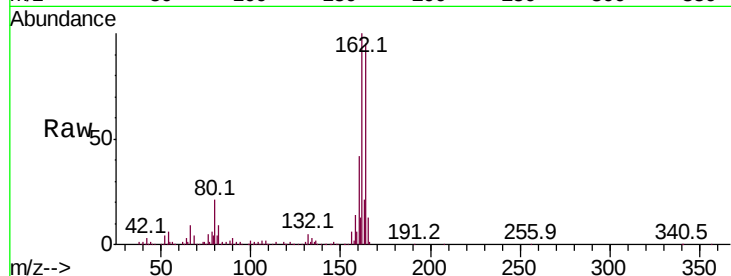
Tot Ion:164 Resp: 320932

Ion Ratio Lower Upper

164 100

162 105.0 80.2 120.4

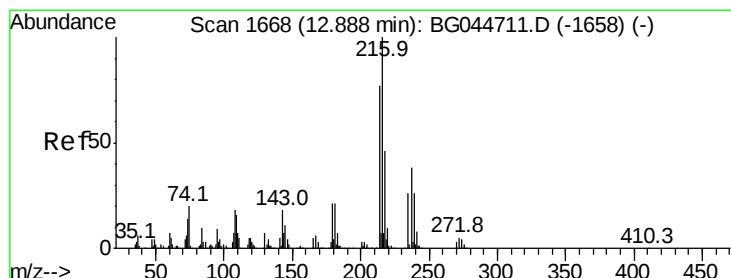
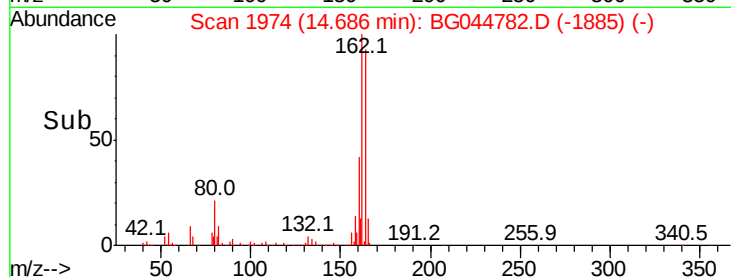
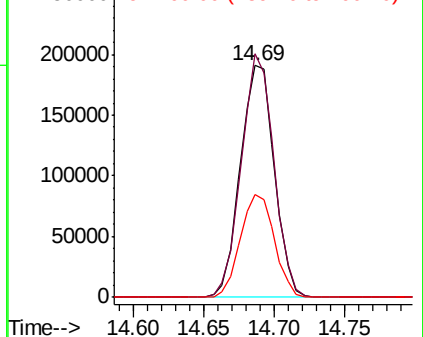
160 44.4 36.2 54.2



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: 38.110 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Tgt Ion:216 Resp: 402795

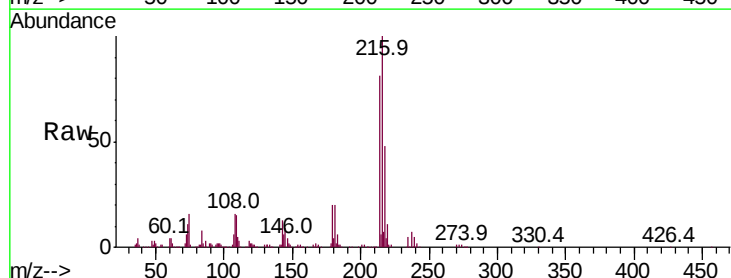
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 21.0 16.6 24.8

108 17.6 15.6 23.4

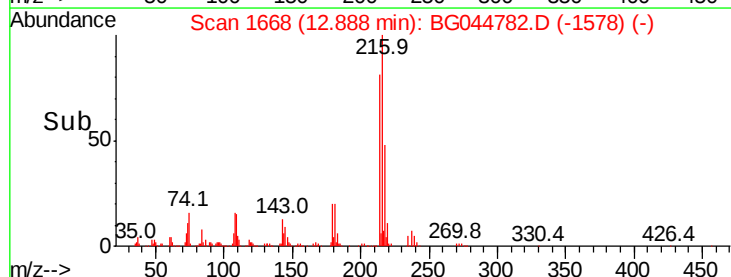
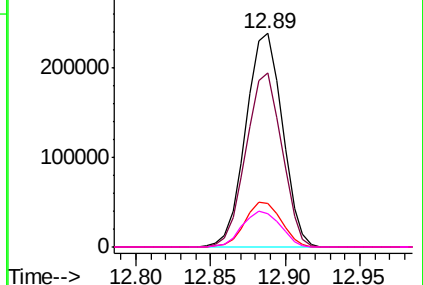


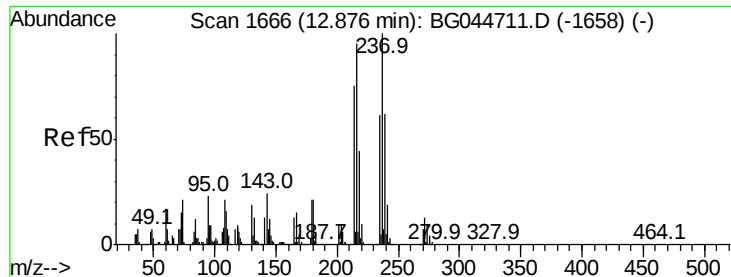
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 14.677 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

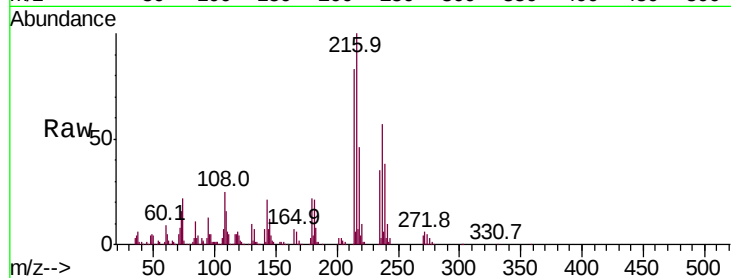
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 84777

Ion	Ratio	Lower	Upper
237	100		
235	62.0	40.6	80.6
272	11.2	0.0	32.5

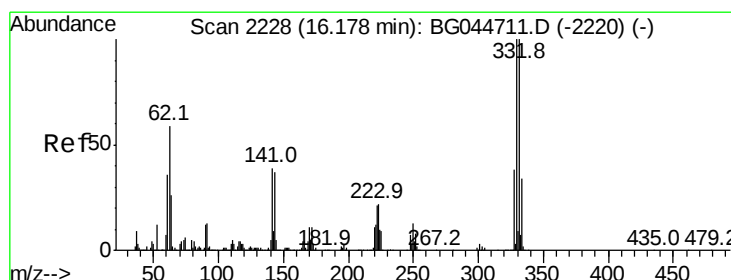
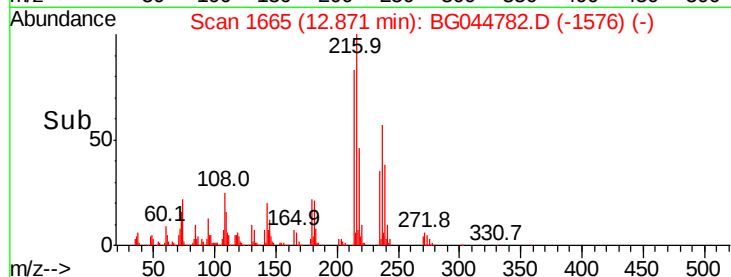
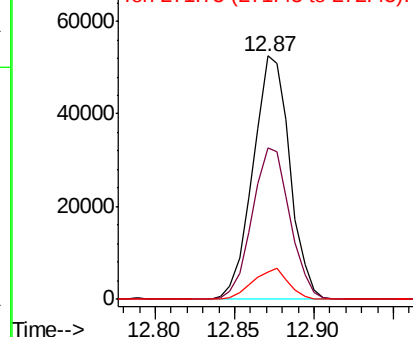


Abundance

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: 79.272 ng

RT: 16.17 min Scan# 2227

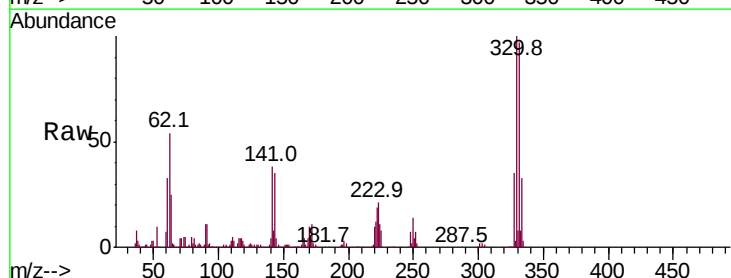
Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Tgt Ion:330 Resp: 333111

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.5	116.3
141	37.2	31.7	47.5

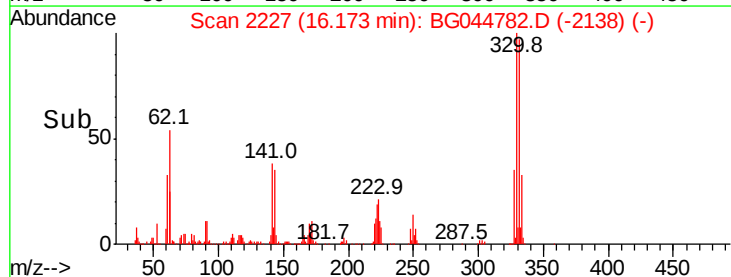
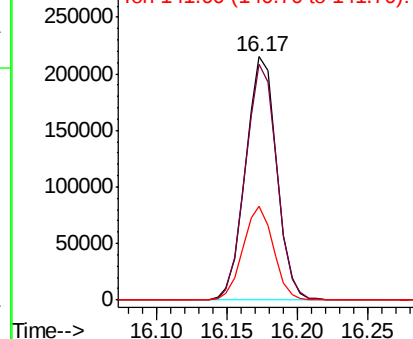


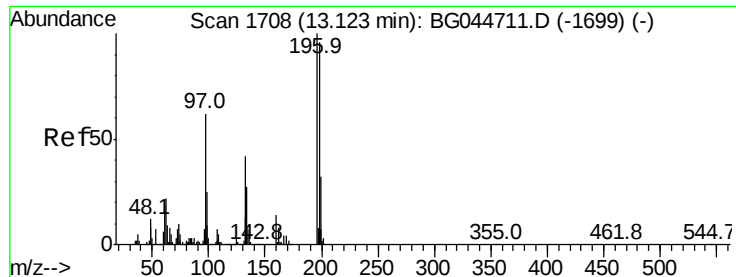
Abundance

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

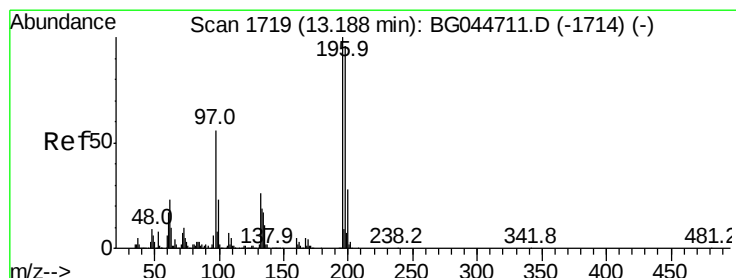
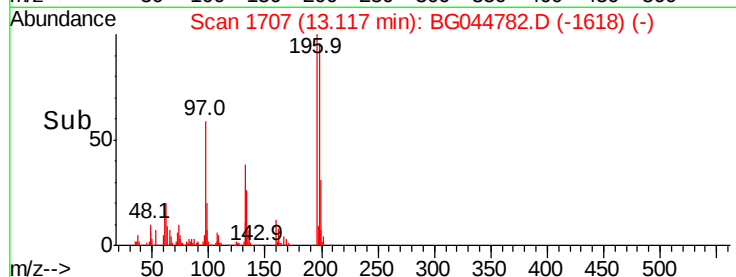
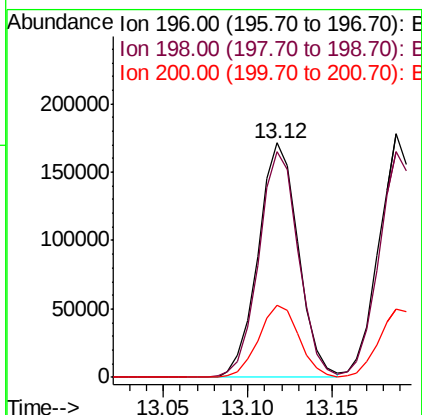
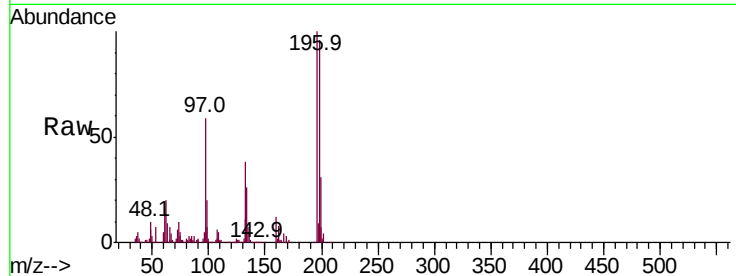




#43
 2,4,6-Trichlorophenol
 Concen: 40.297 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

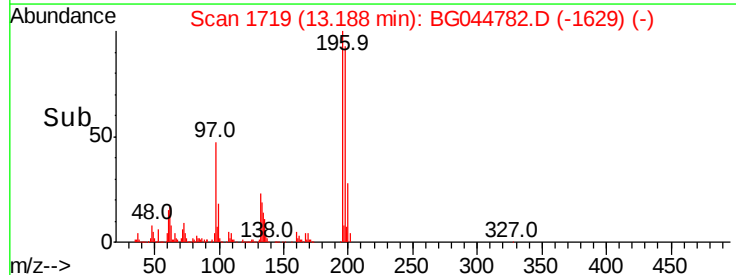
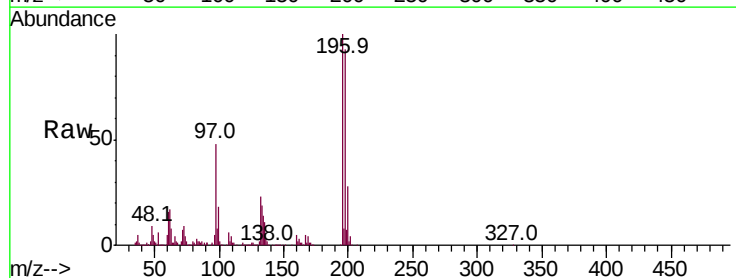
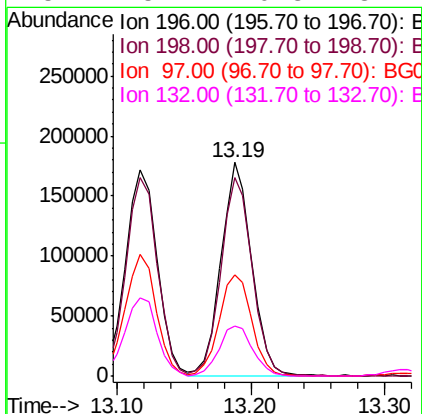
Instrument :
 BNA_G
 ClientSampleId :

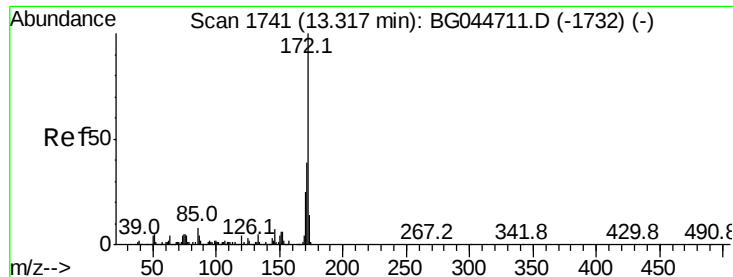
Tot Ion:196 Resp: 282652
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.5 114.7
 200 30.6 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 39.164 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Tgt Ion:196 Resp: 284893
 Ion Ratio Lower Upper
 196 100
 198 92.8 77.3 115.9
 97 47.5 44.9 67.3
 132 23.2 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 73.754 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

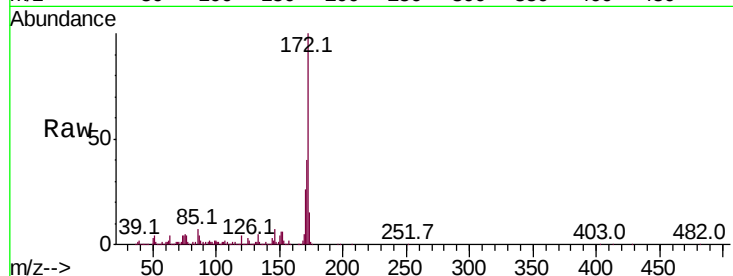
Tot Ion:172 Resp: 1652890

Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.8	46.2
170	26.0	20.0	30.0

172 100

171 39.8 30.8 46.2

170 26.0 20.0 30.0

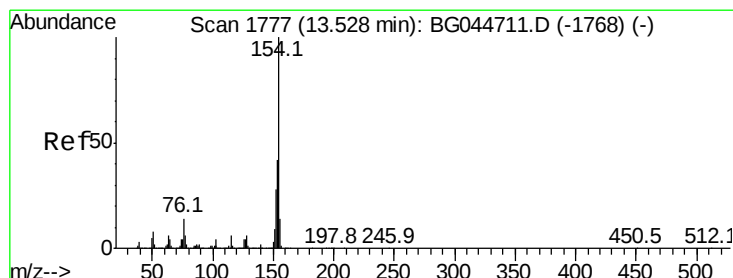
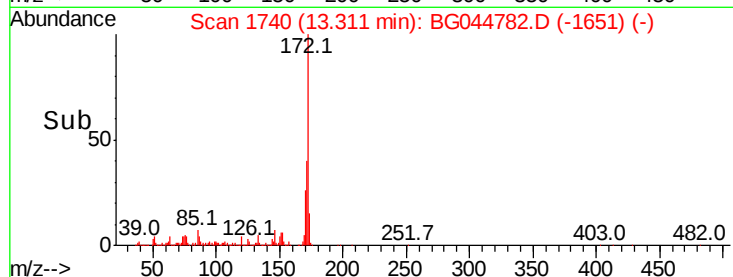
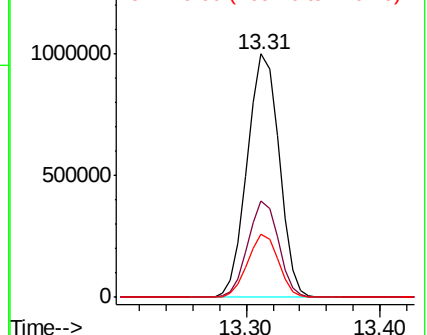


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.234 ng

RT: 13.52 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

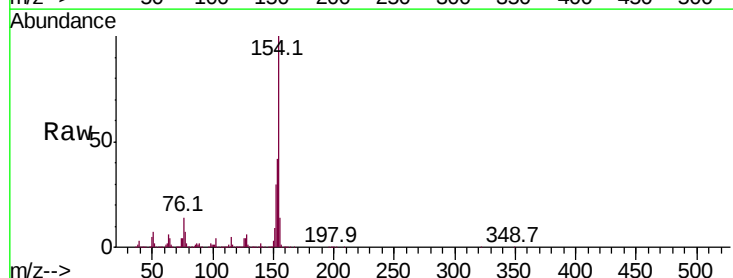
Tgt Ion:154 Resp: 929284

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.0	62.0
76	14.0	0.0	34.2

154 100

153 42.3 22.0 62.0

76 14.0 0.0 34.2

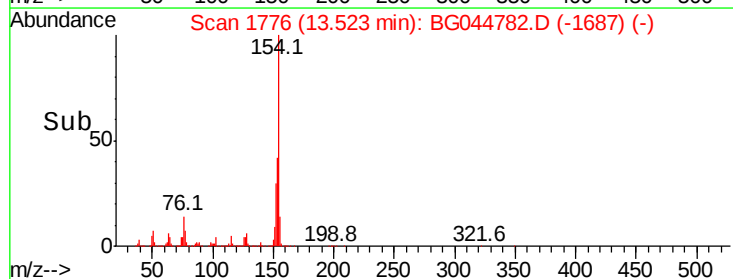
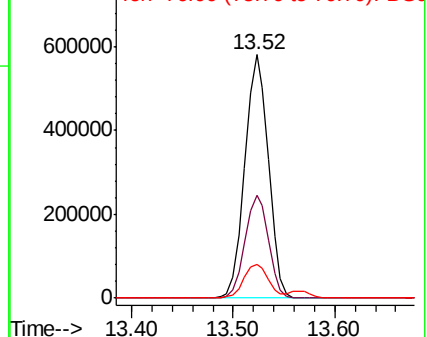


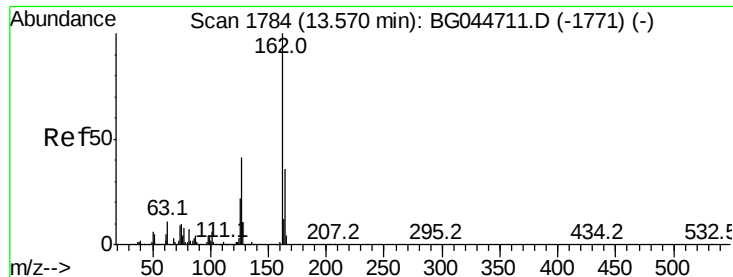
Abundance

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): BG

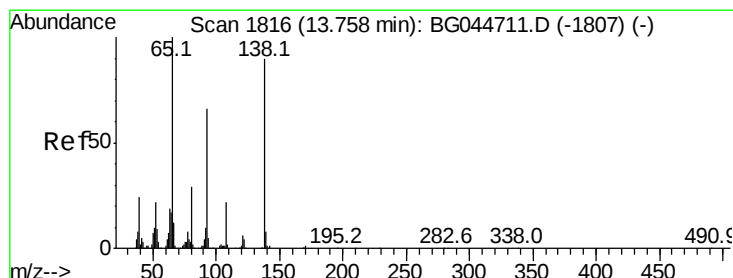
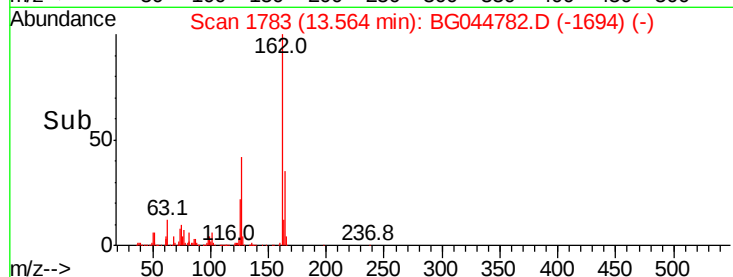
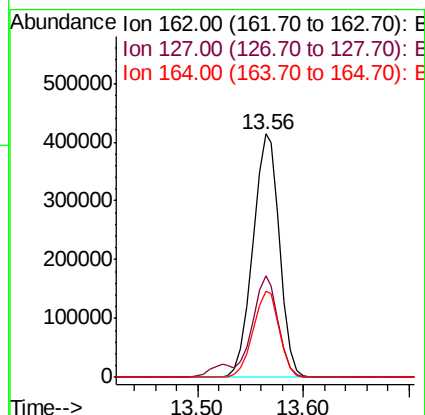
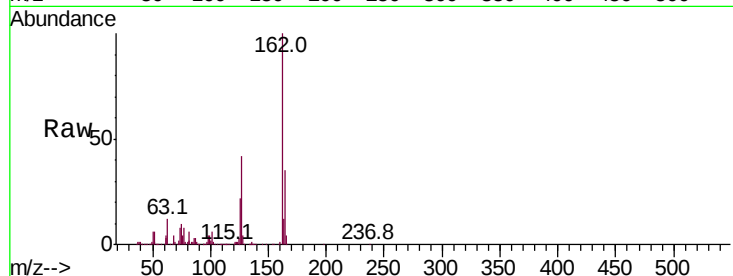




#47
2-Chloronaphthalene
Concen: 36.906 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

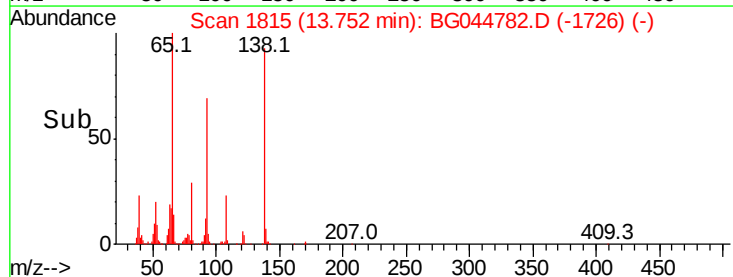
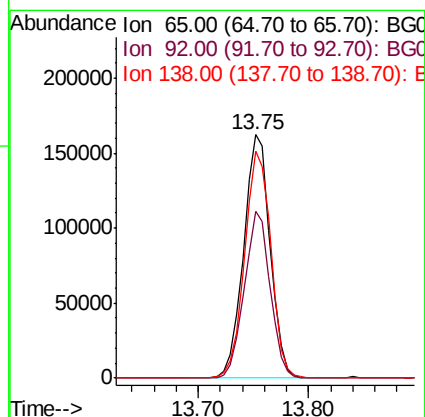
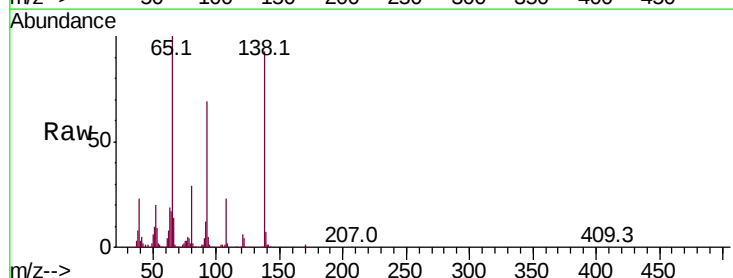
Instrument :
BNA_G
ClientSampleId :

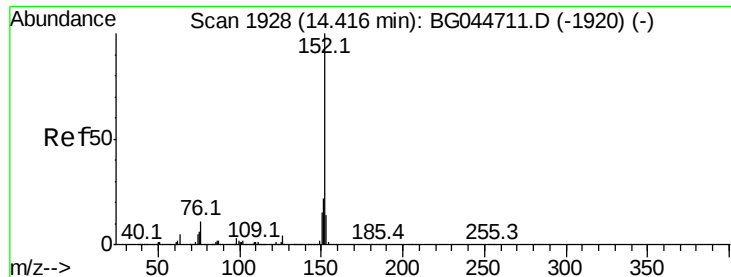
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	35.4	29.0	43.4



#48
2-Nitroaniline
Concen: 39.901 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	52.6	79.0
138	93.5	71.8	107.6





#49

Acenaphthylene

Concen: 36.350 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

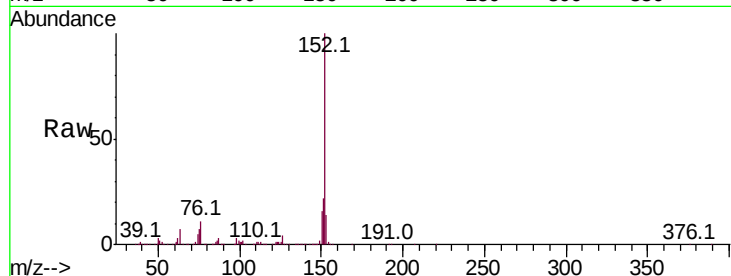
Tot Ion:152 Resp: 1115707

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.8	26.8
153	14.0	11.4	17.0

152 100

151 21.8 17.8 26.8

153 14.0 11.4 17.0

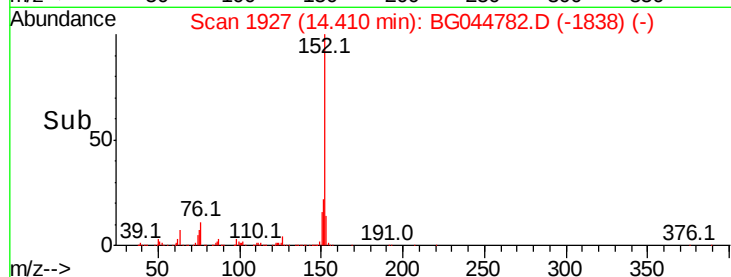
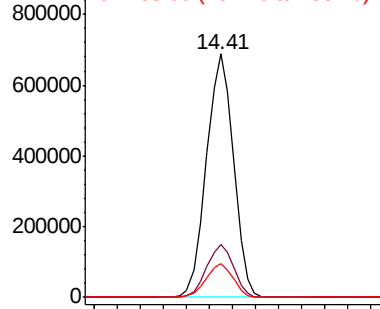


Abundance

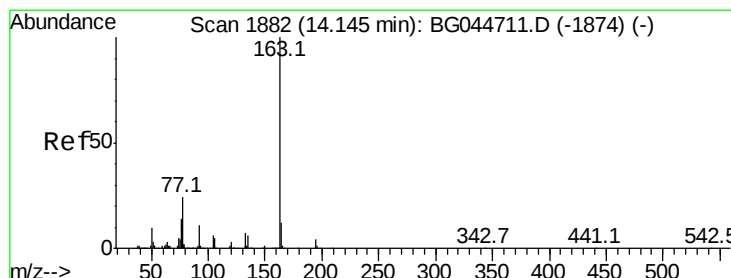
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 35.094 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

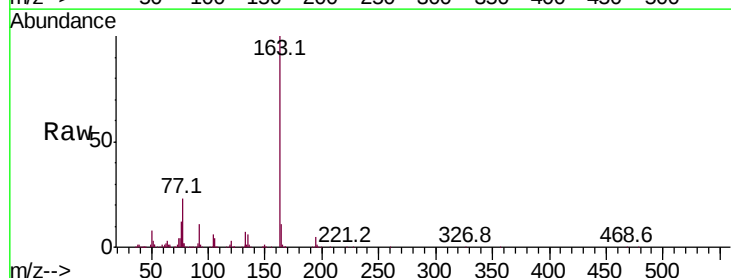
Tgt Ion:163 Resp: 897031

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.8	9.2	13.8

163 100

194 4.7 3.5 5.3

164 10.8 9.2 13.8

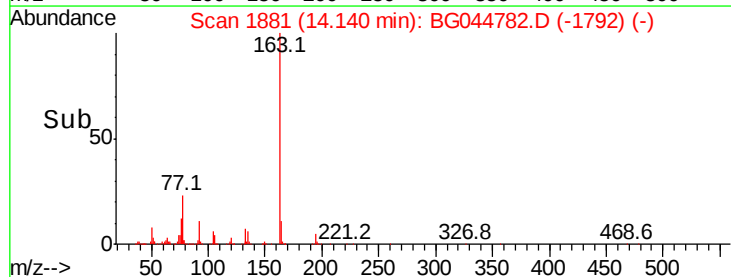
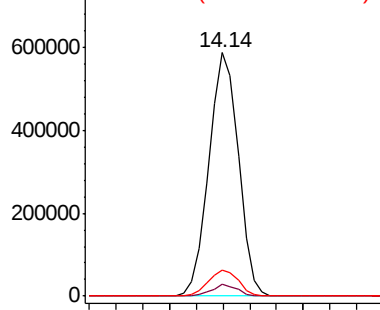


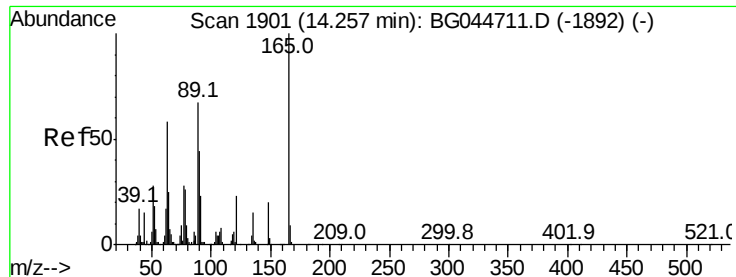
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.450 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

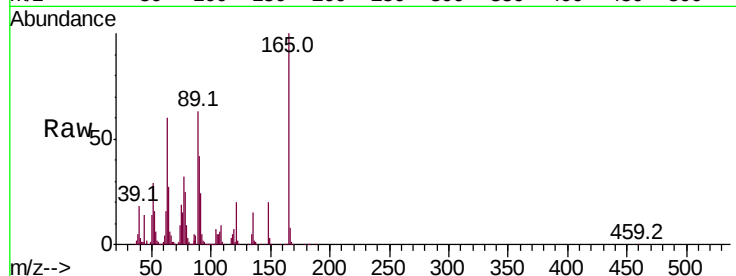
Tot Ion:165 Resp: 198103

Ion Ratio Lower Upper

165 100

63 59.7 48.9 73.3

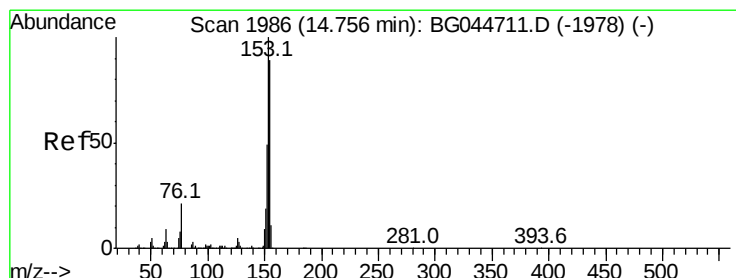
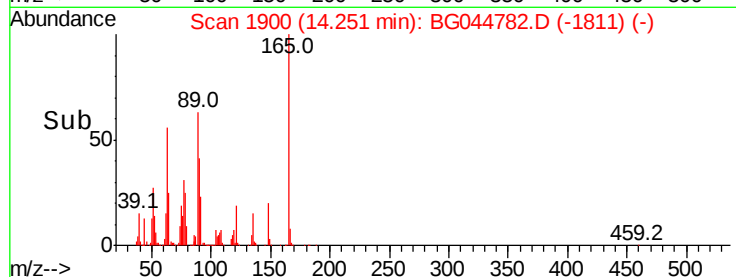
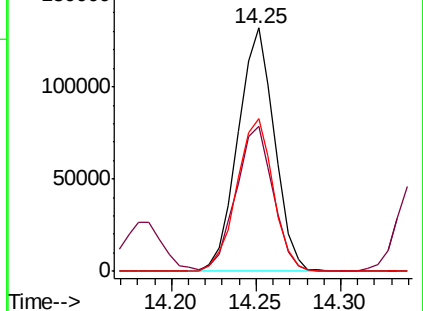
89 62.9 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 34.705 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

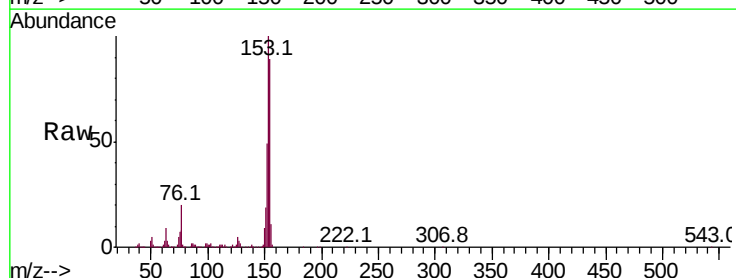
Tgt Ion:154 Resp: 697616

Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.8

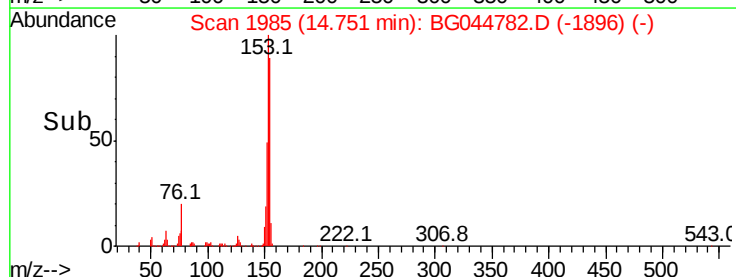
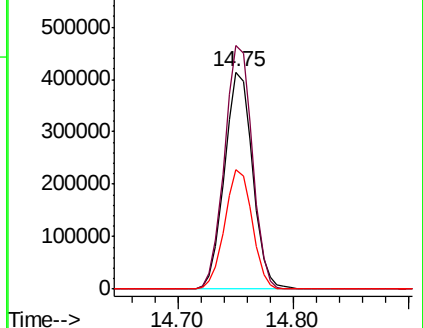
152 55.0 44.4 66.6

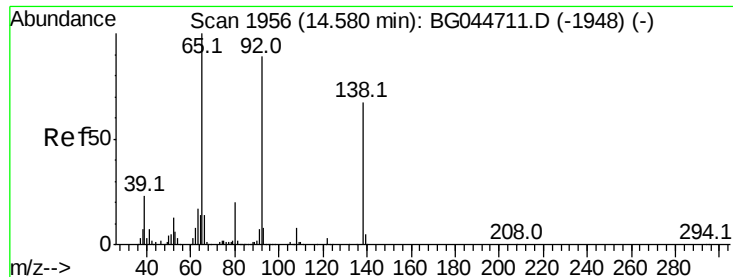


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 38.196 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

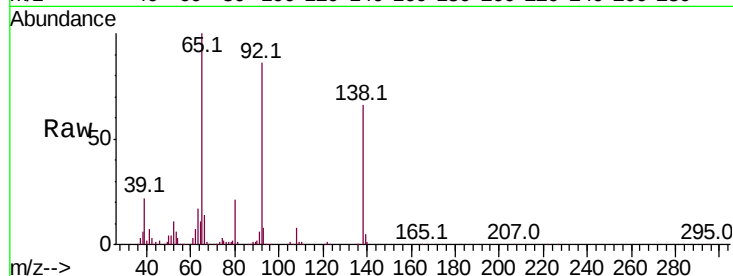
Tot Ion:138 Resp: 226257

Ion Ratio Lower Upper

138 100

108 11.5 9.2 13.8

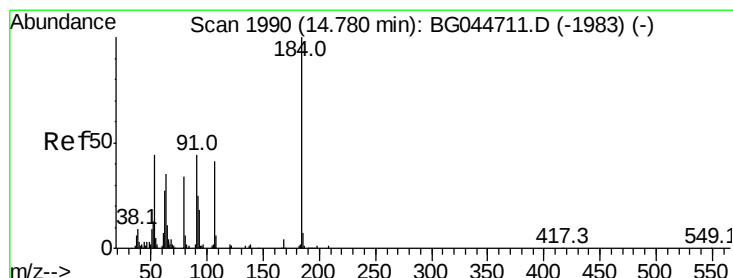
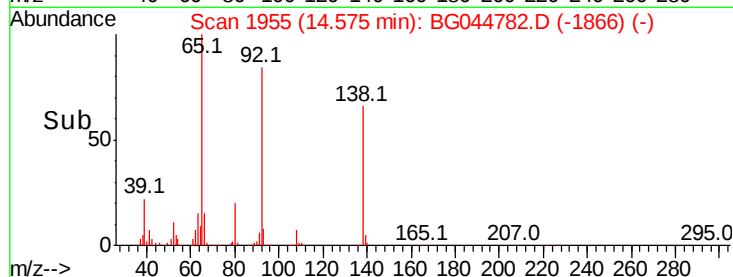
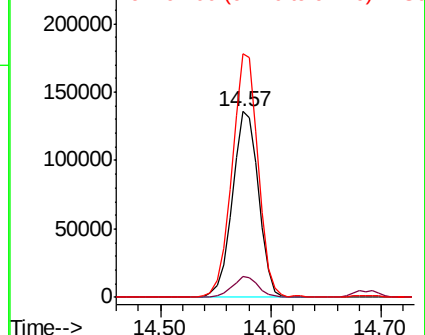
92 131.0 105.6 158.4



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: 16.029 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

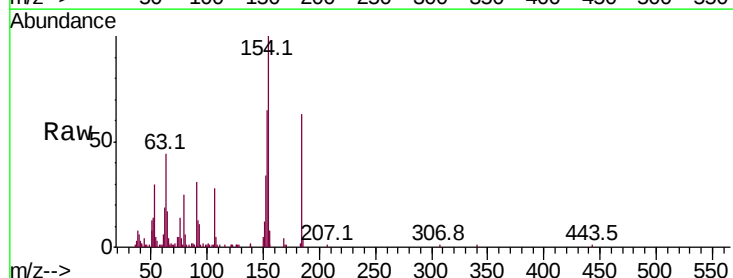
Tgt Ion:184 Resp: 23157

Ion Ratio Lower Upper

184 100

63 69.9 49.0 73.6

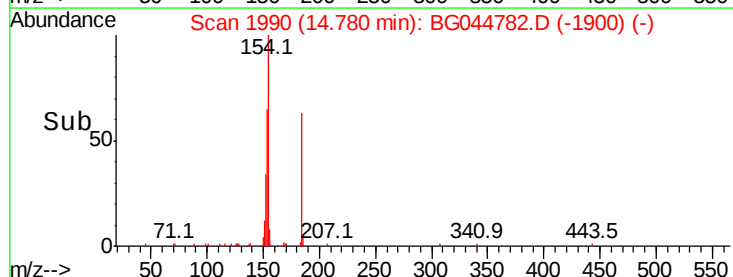
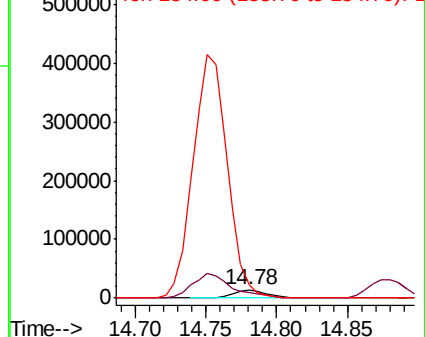
154 158.5 94.5 141.7#

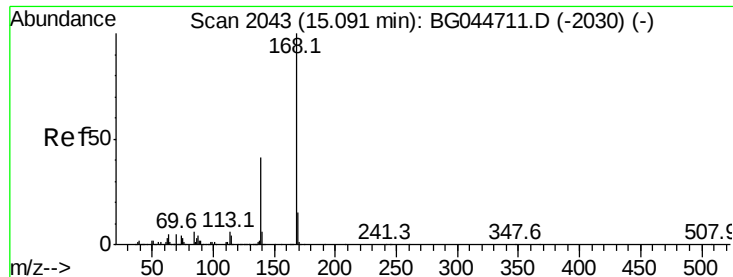


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.259 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

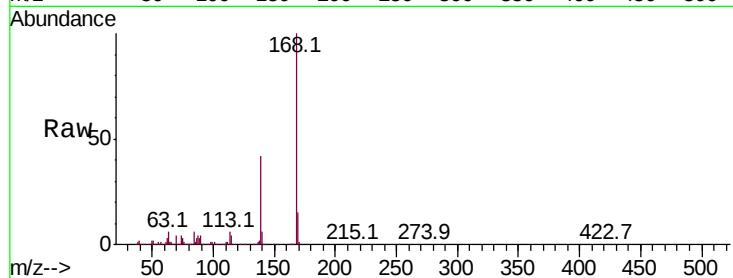
Tot Ion:168 Resp: 1056934

Ion Ratio Lower Upper

168 100

139 41.6 32.6 49.0

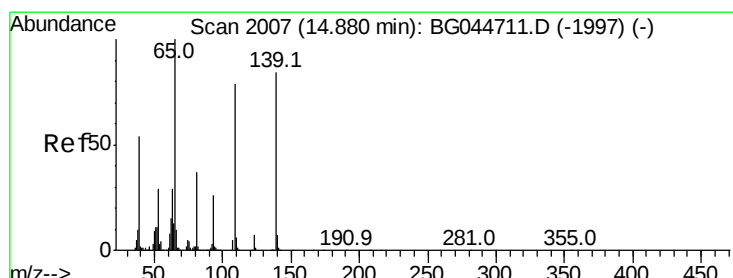
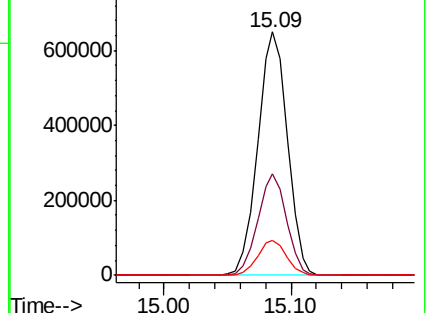
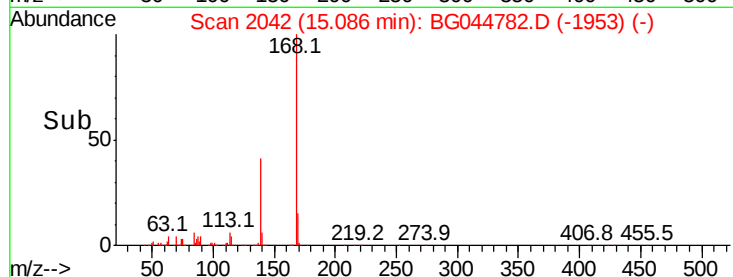
169 14.5 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.319 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

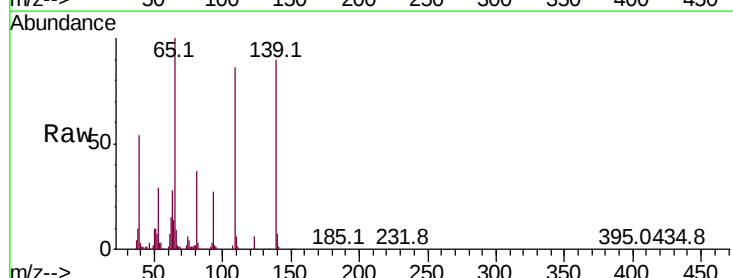
Tgt Ion:139 Resp: 168711

Ion Ratio Lower Upper

139 100

109 95.0 74.1 114.1

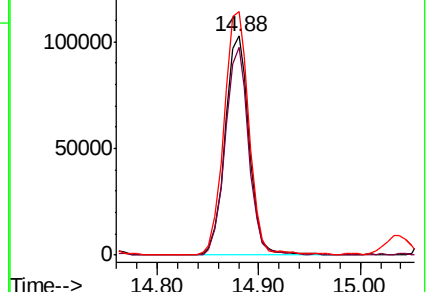
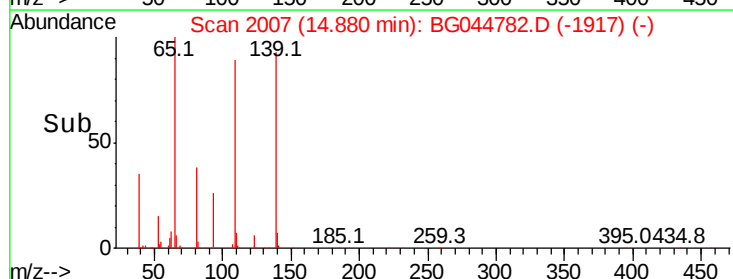
65 111.1 98.6 138.6

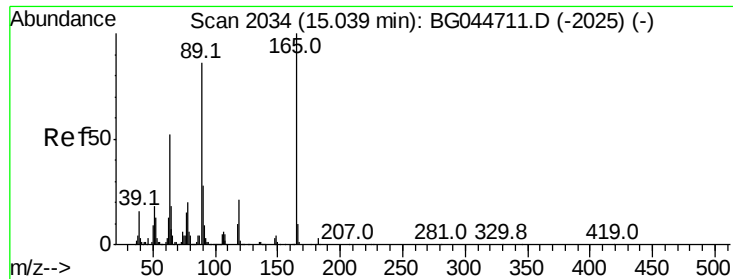


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

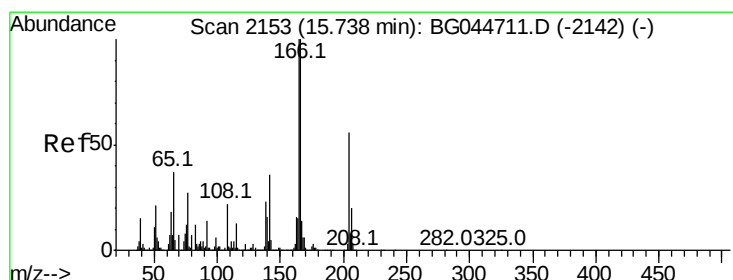
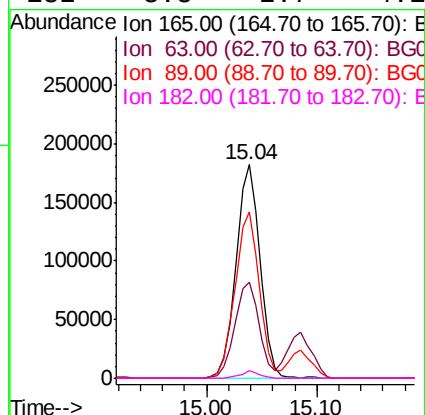
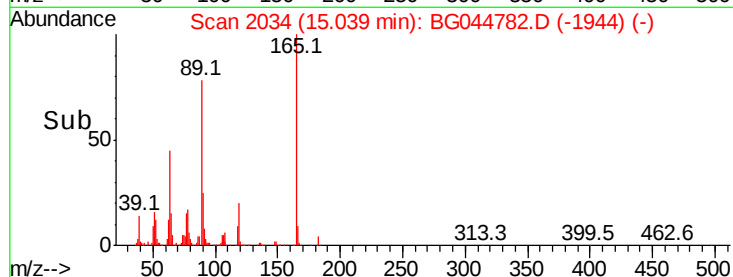
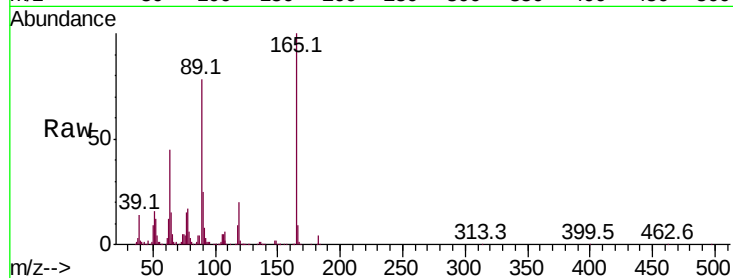




#57
2,4-Dinitrotoluene
Concen: 39.319 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

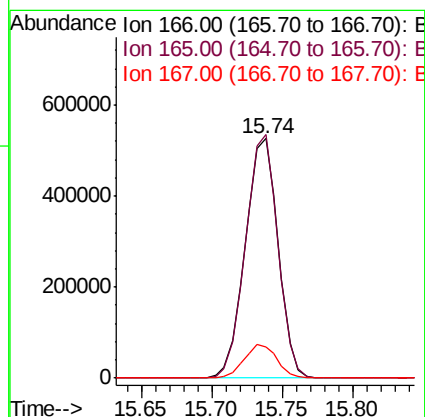
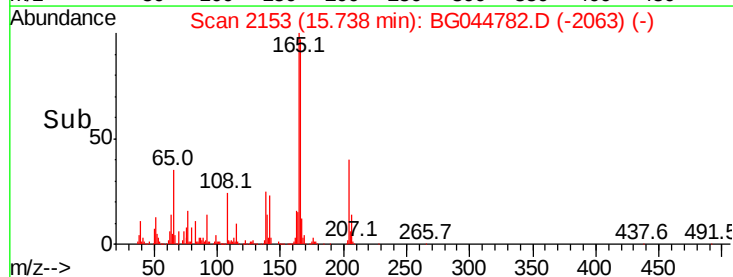
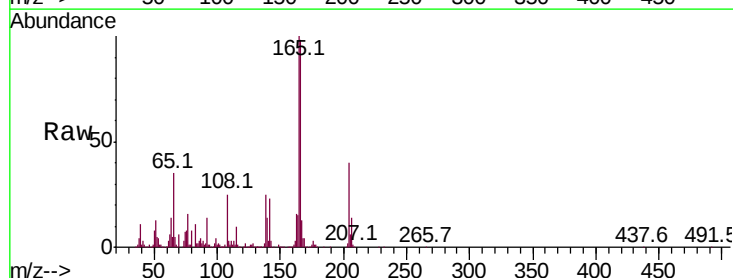
Instrument :
BNA_G
ClientSampleId :

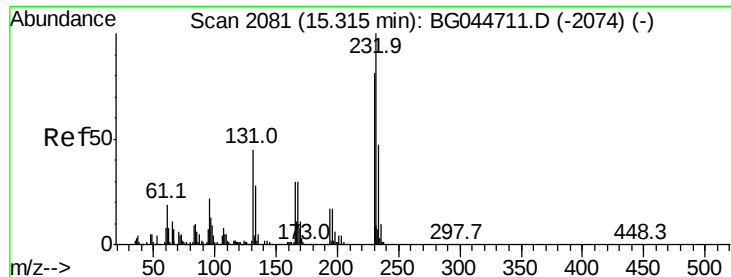
Tot Ion:165 Resp: 277833
Ion Ratio Lower Upper
165 100
63 45.2 41.5 62.3
89 78.1 69.0 103.4
182 3.8 2.7 4.1



#58
Fluorene
Concen: 35.837 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion:166 Resp: 859332
Ion Ratio Lower Upper
166 100
165 101.7 79.6 119.4
167 13.2 11.4 17.2

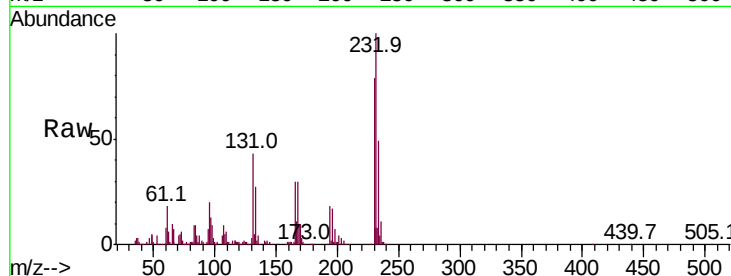




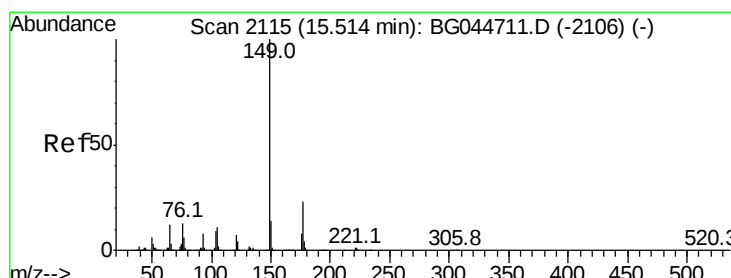
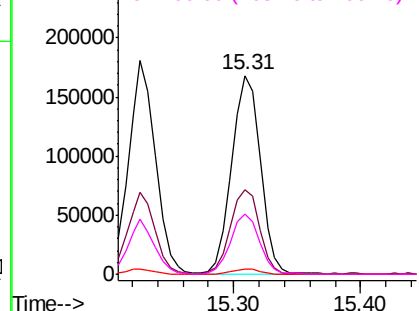
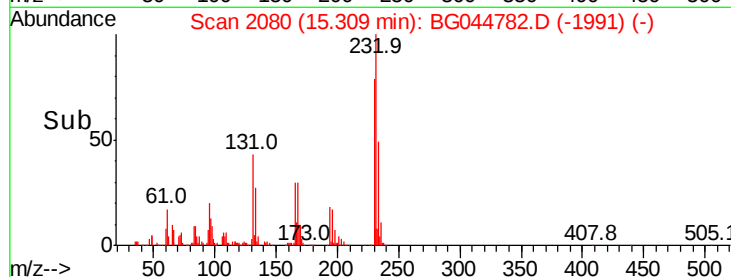
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.174 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	262357
Ion	Ratio	Lower	Upper
232	100		
131	43.2	32.4	48.6
130	2.7	2.0	3.0
166	30.2	20.5	30.7

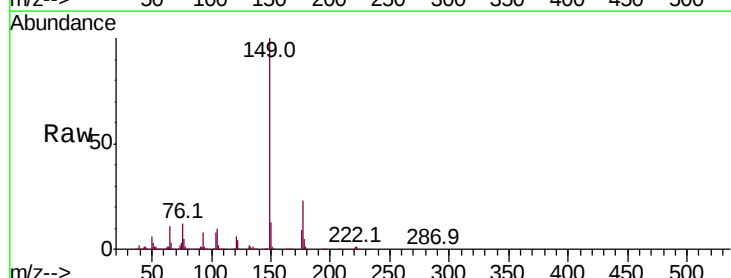


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

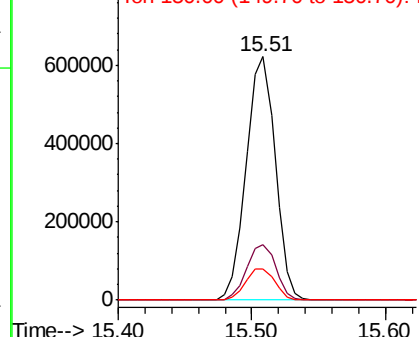
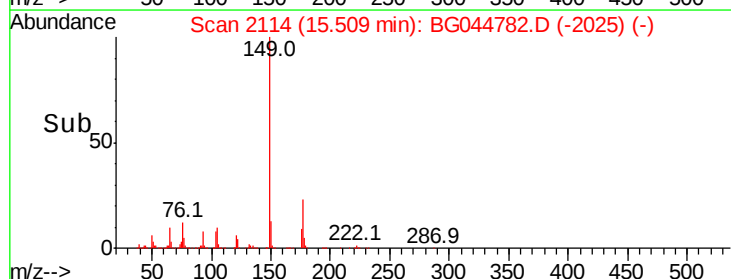


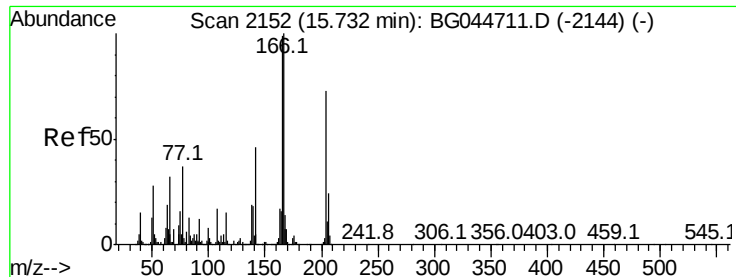
#60
 Diethylphthalate
 Concen: 34.906 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Tgt Ion:	149	Resp:	930572
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	13.0	11.2	16.8



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

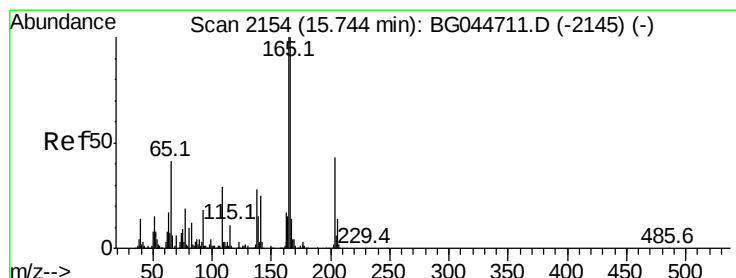
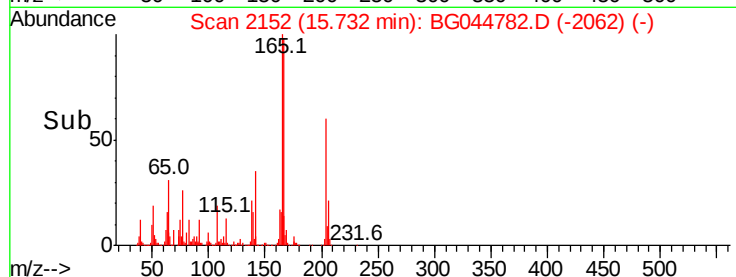
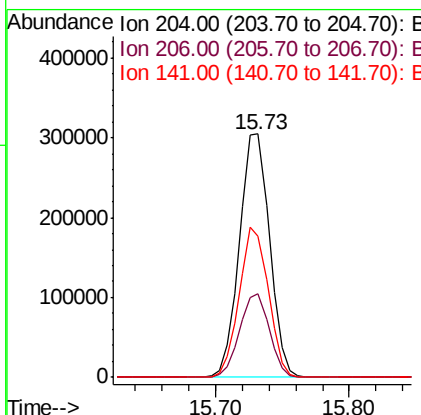
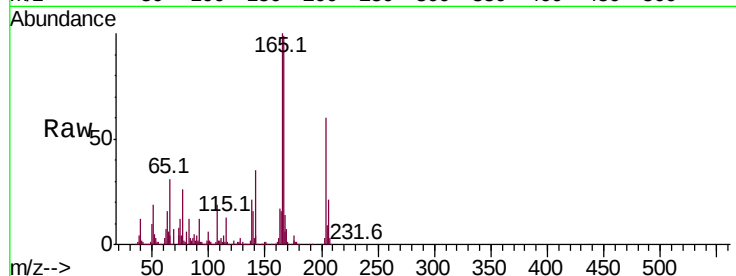




#61
4-Chlorophenyl-phenylether
Concen: 36.813 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

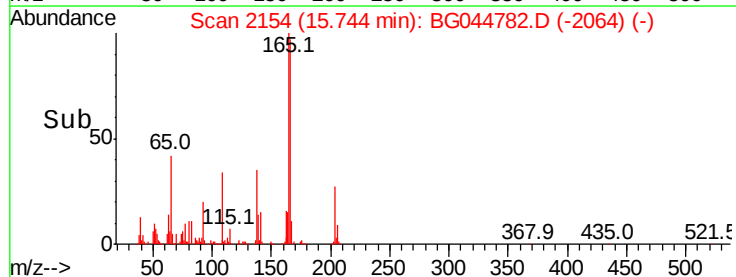
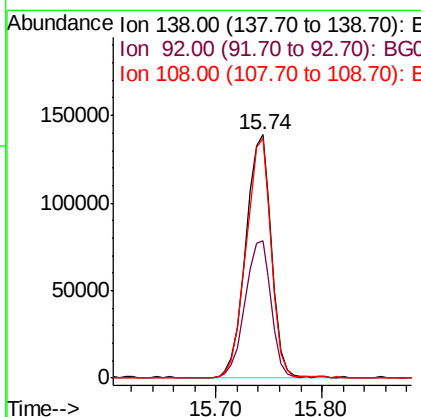
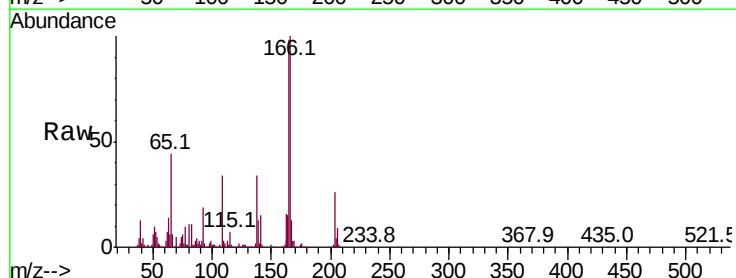
Instrument :
BNA_G
ClientSampleId :

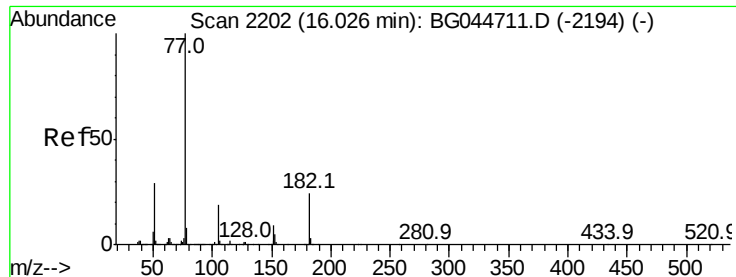
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	25.8	38.6
141	58.1	50.8	76.2



#62
4-Nitroaniline
Concen: 37.118 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	42.1	82.1
108	98.3	81.2	121.2





#63

Azobenzene

Concen: 34.183 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 946348

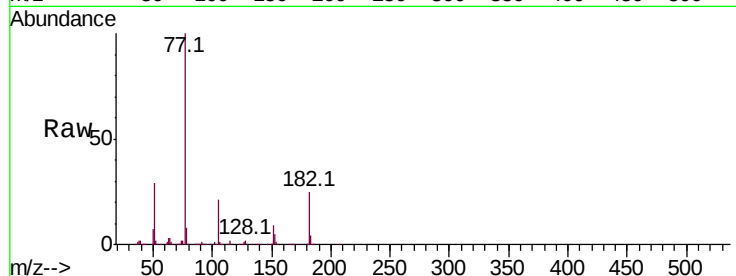
Ion Ratio Lower Upper

77 100

182 24.7 3.6 43.6

105 20.7 0.0 39.3

51 28.9 8.7 48.7

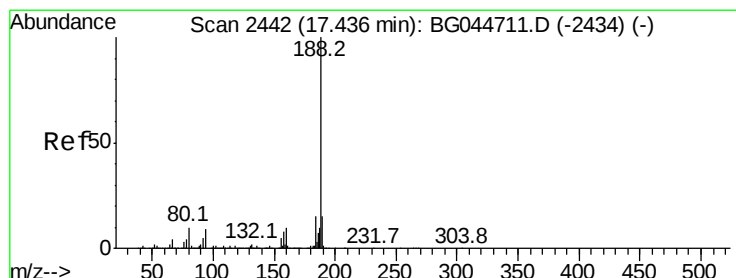
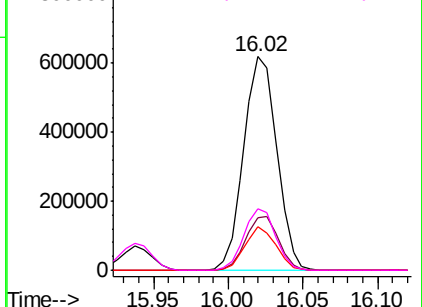
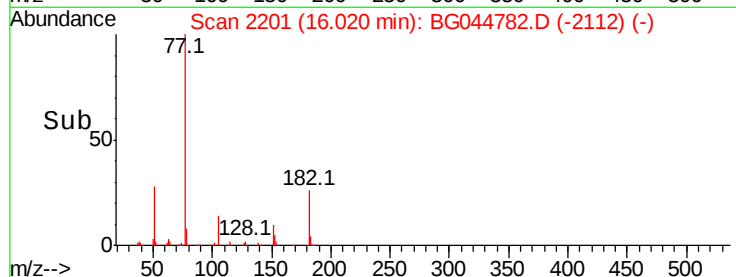


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

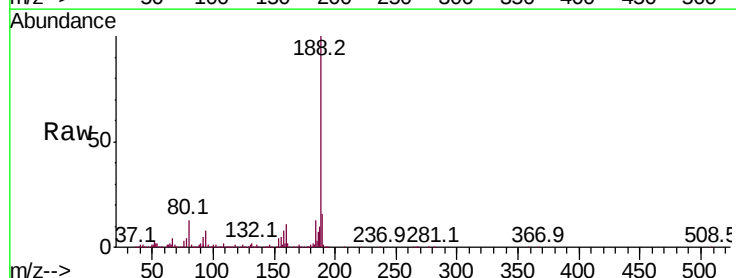
Tgt Ion: 188 Resp: 690065

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

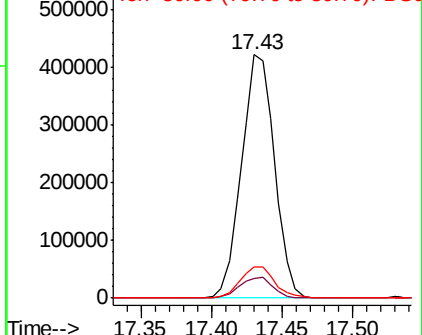
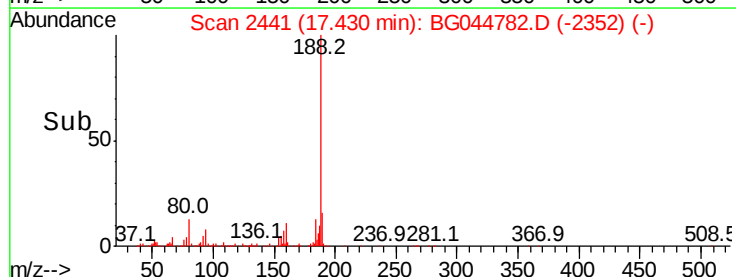
80 12.9 8.4 12.6#

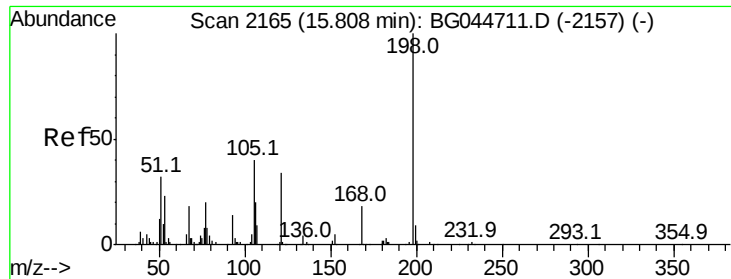


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

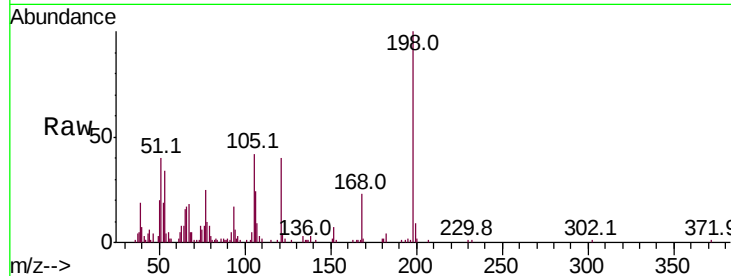




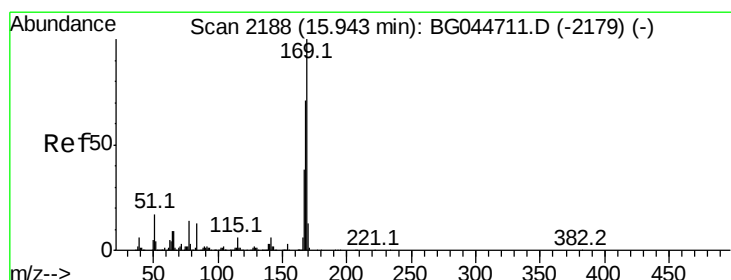
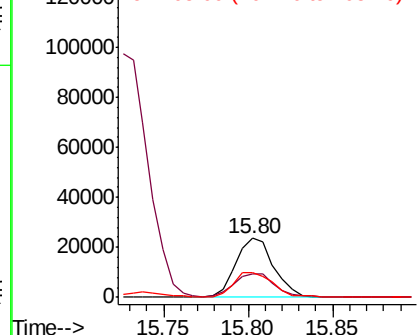
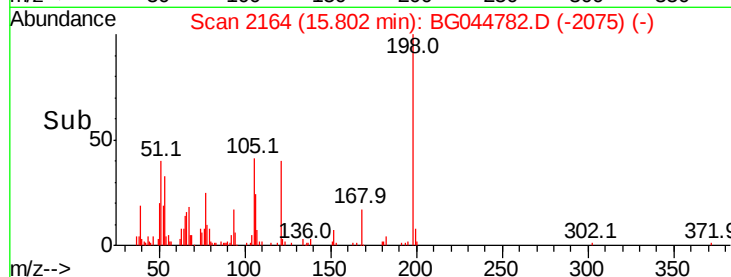
#65
 4,6-Dinitro-2-methylphenol
 Concen: 17.237 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	20.1	60.1
105	41.9	21.3	61.3

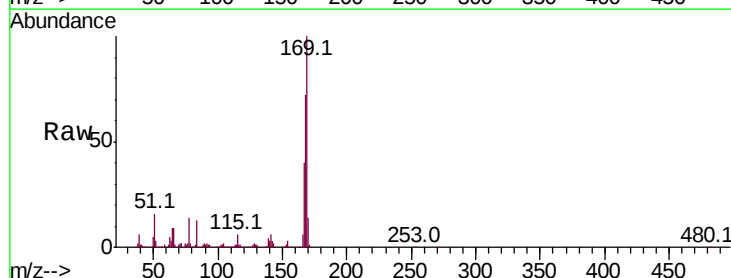


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

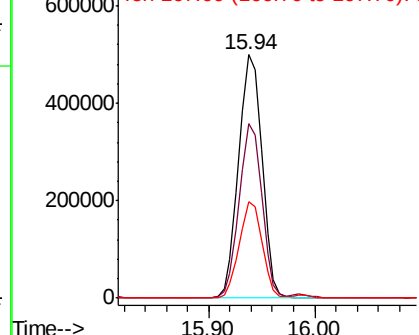
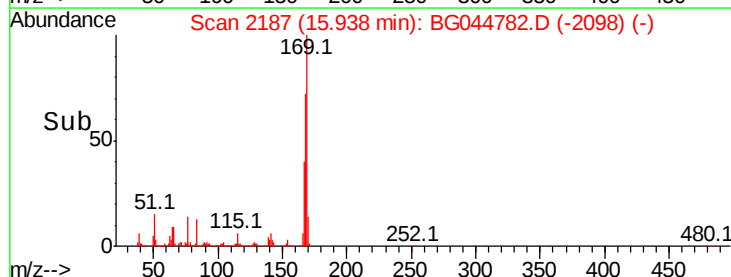


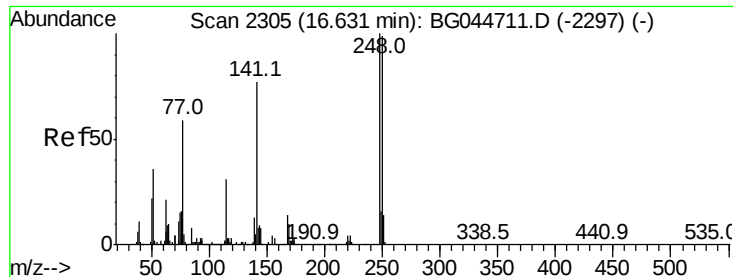
#66
 n-Nitrosodiphenylamine
 Concen: 36.712 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG044782.D
 Acq: 14 Mar 2020 3:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.8	56.6	85.0
167	39.7	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

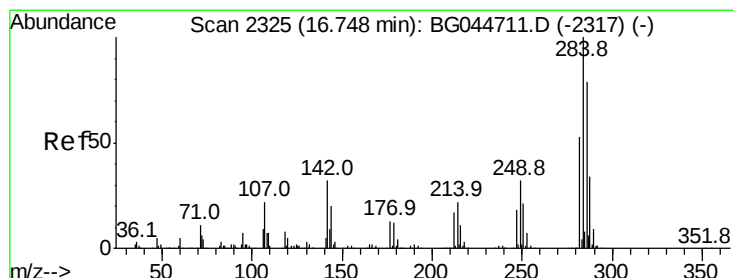
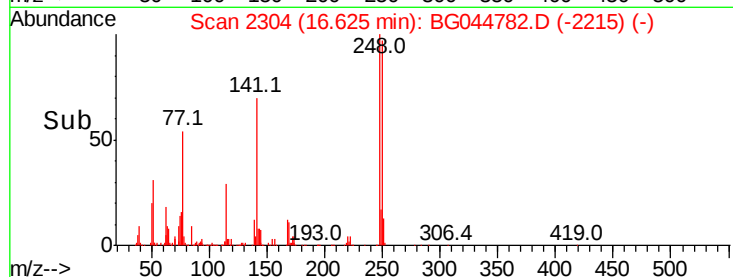
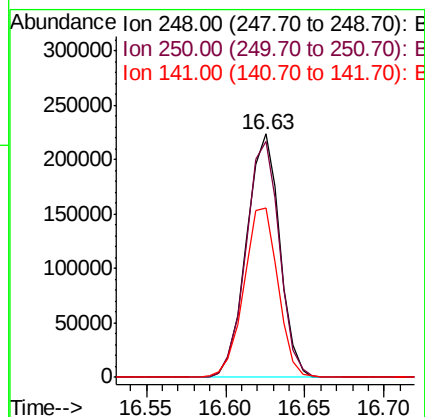
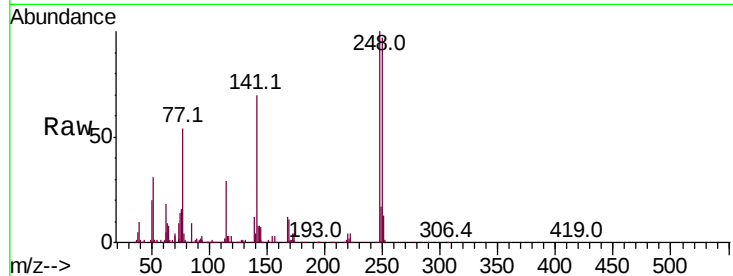




#67
4-Bromophenyl-phenylether
Concen: 37.679 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

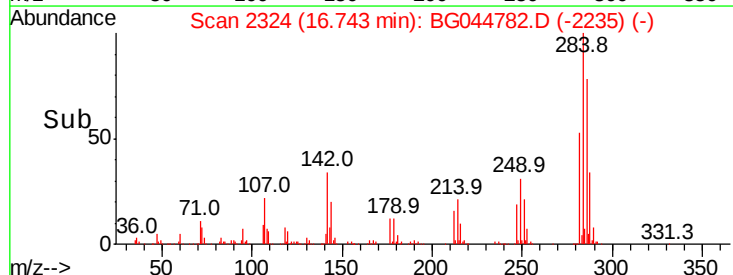
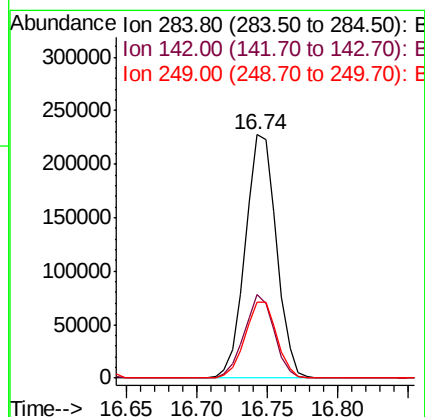
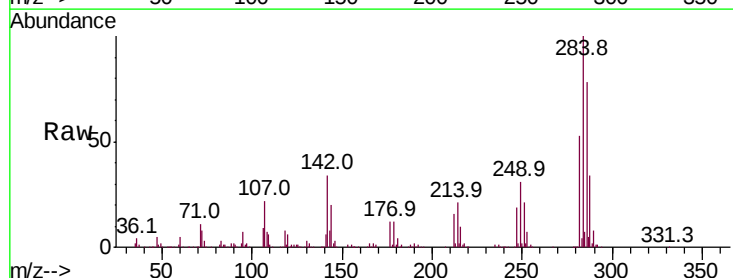
Instrument :
BNA_G
ClientSampleId :

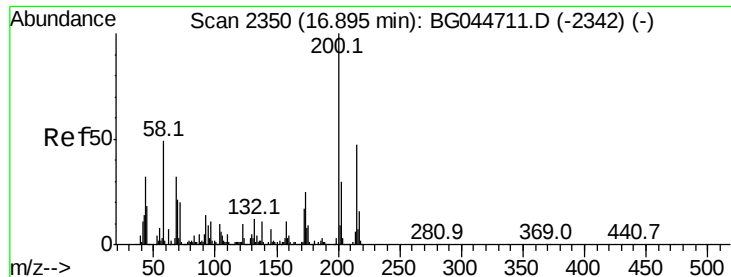
Tot Ion:248 Resp: 325047
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.0
141 69.8 61.7 92.5



#68
Hexachlorobenzene
Concen: 37.535 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG044782.D
Acq: 14 Mar 2020 3:30

Tgt Ion:284 Resp: 351292
Ion Ratio Lower Upper
284 100
142 34.1 25.6 38.4
249 31.4 25.8 38.6





#69

Atrazine

Concen: 36.715 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampled :

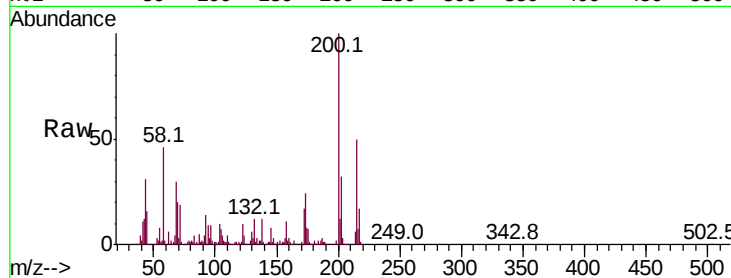
Tot Ion:200 Resp: 279462

Ion Ratio Lower Upper

200 100

173 24.2 4.8 44.8

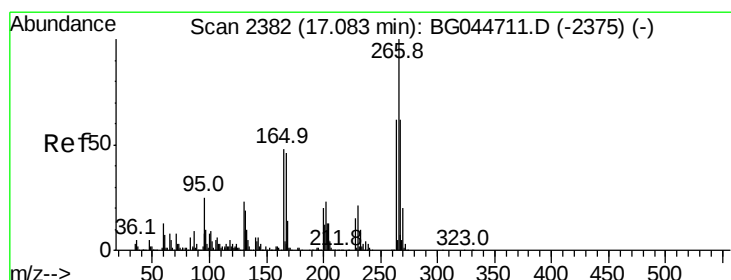
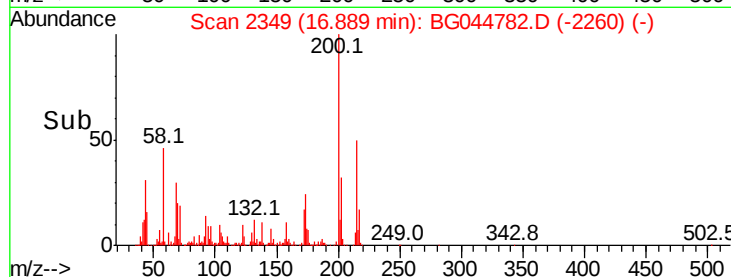
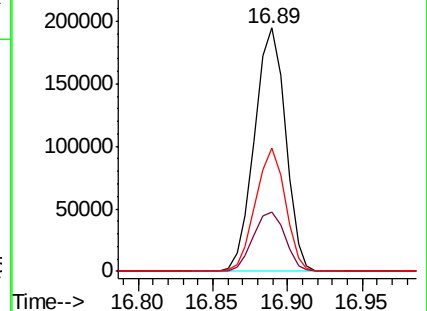
215 50.5 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.586 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

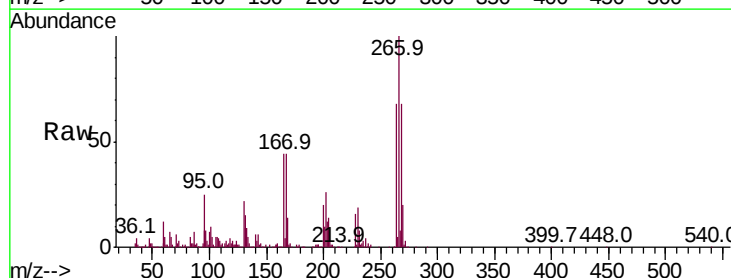
Tgt Ion:266 Resp: 214148

Ion Ratio Lower Upper

266 100

268 67.8 49.9 74.9

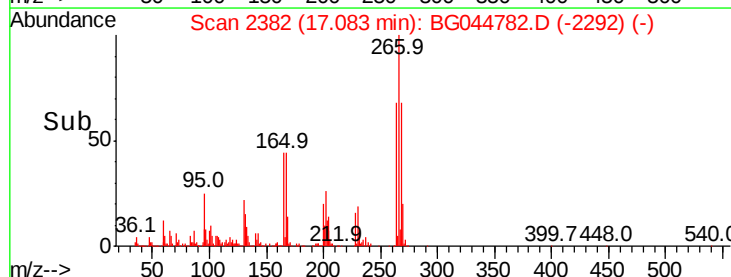
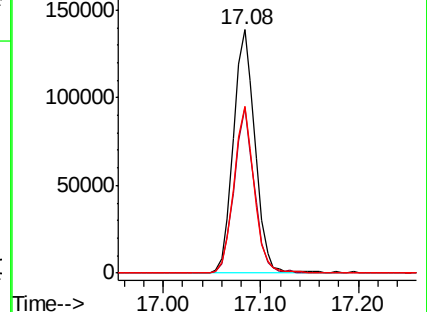
264 68.3 49.9 74.9

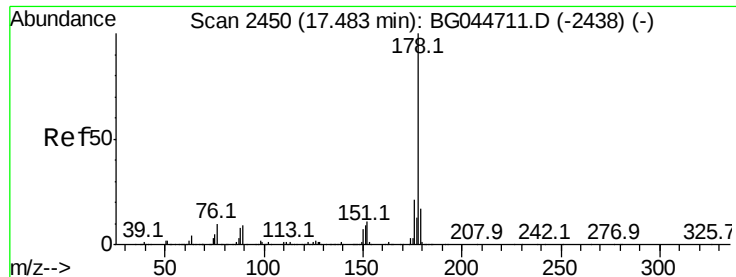


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.081 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

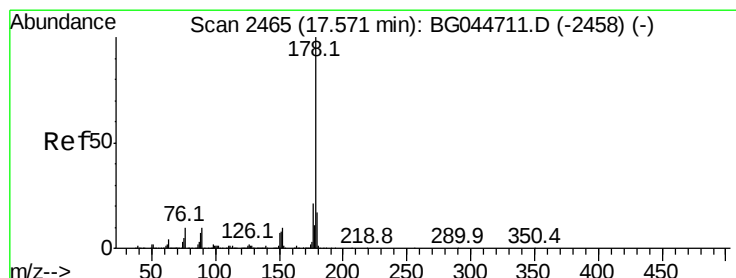
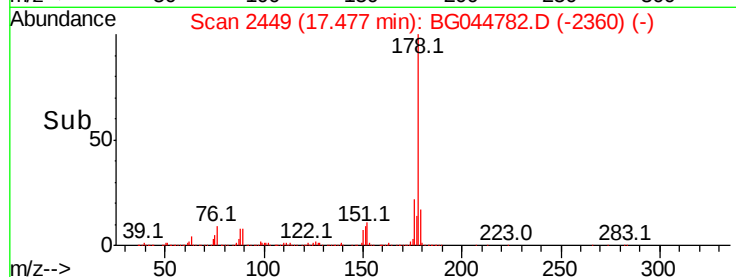
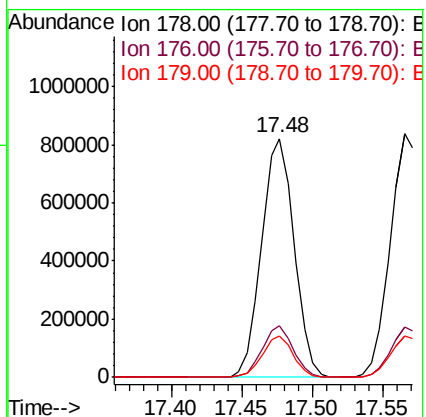
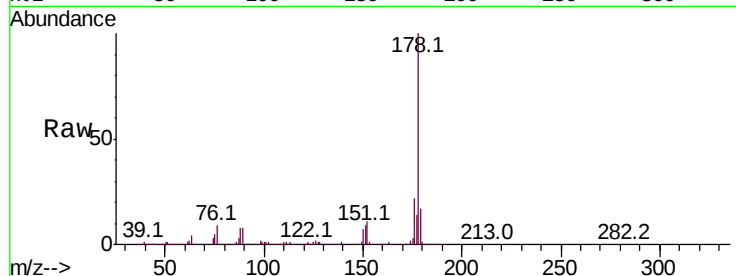
Tot Ion:178 Resp: 1330506

Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.0	25.6
179	17.1	13.7	20.5

178 100

176 21.6 17.0 25.6

179 17.1 13.7 20.5



#72

Anthracene

Concen: 36.293 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

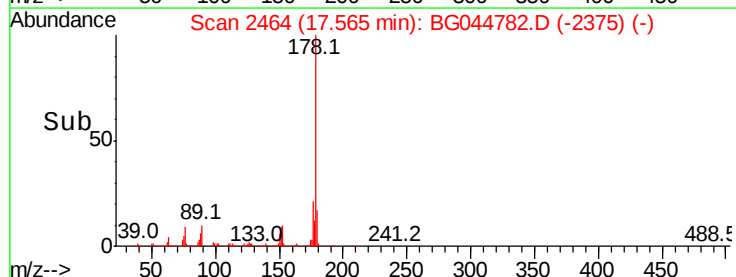
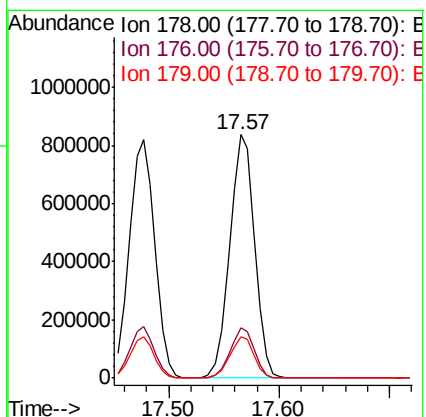
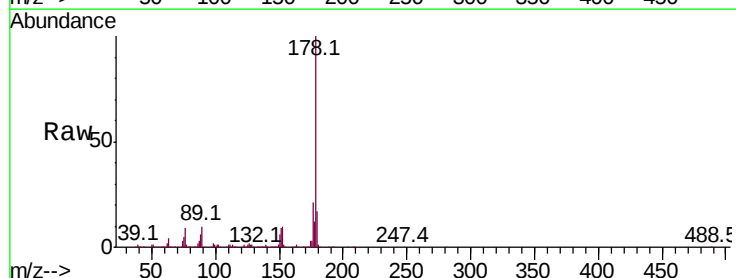
Tgt Ion:178 Resp: 1319687

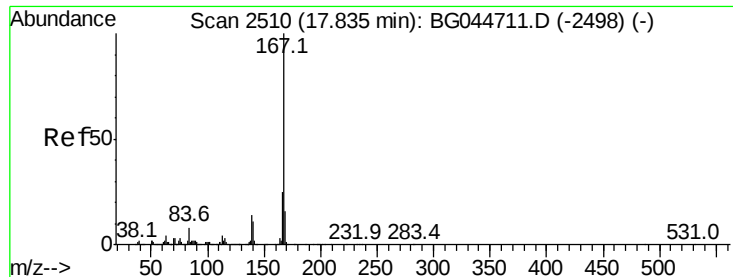
Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.0	25.6
179	17.0	13.8	20.8

178 100

176 20.6 17.0 25.6

179 17.0 13.8 20.8





#73

Carbazole

Concen: 35.230 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

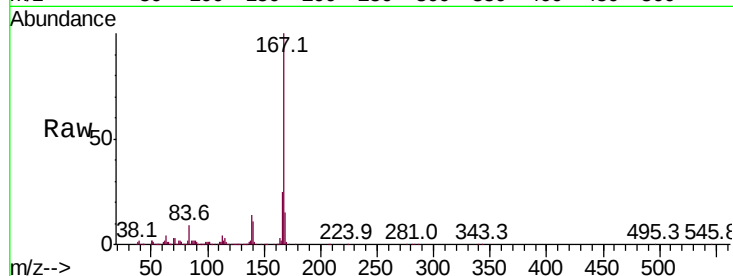
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1230514

Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.6	29.4
139	13.6	11.4	17.2

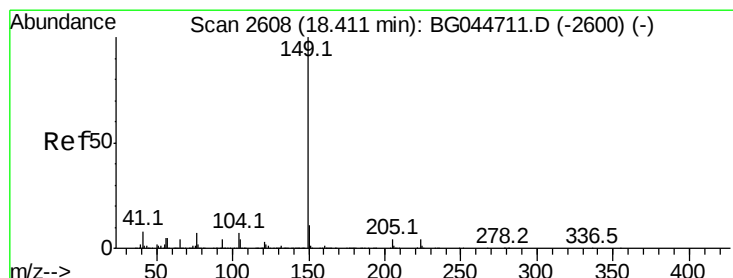
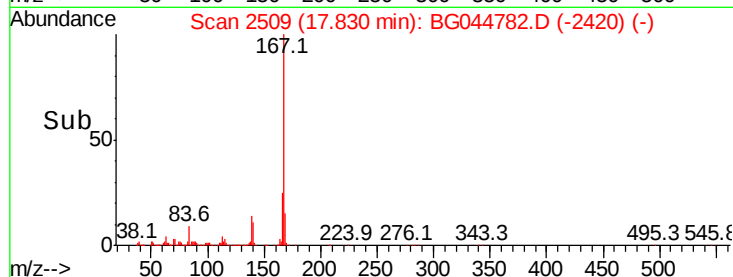
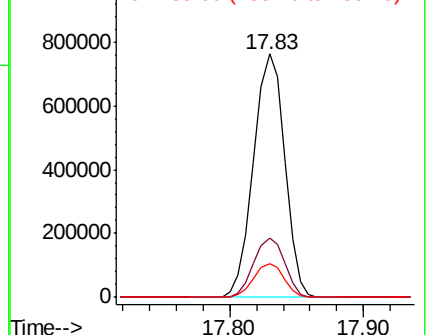


Abundance

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: 35.424 ng

RT: 18.41 min Scan# 2607

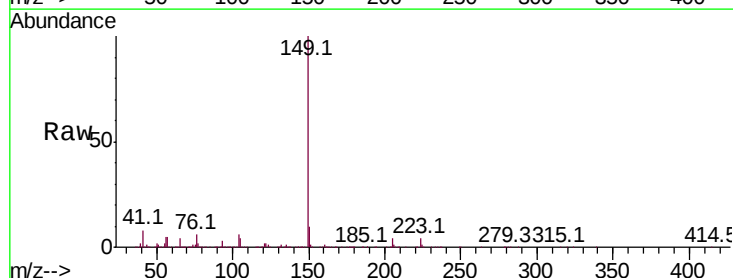
Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Tgt Ion:149 Resp: 1504082

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.4	12.6
104	6.2	5.6	8.4

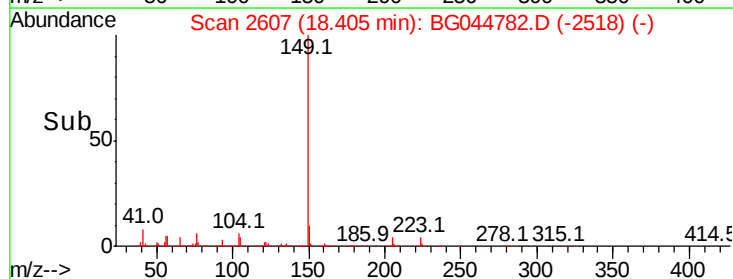
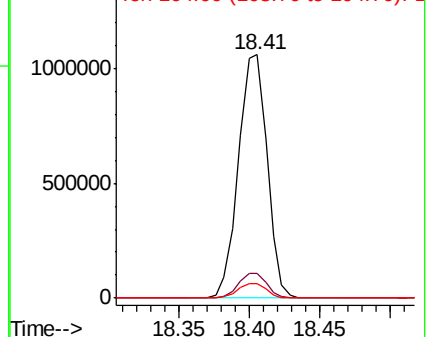


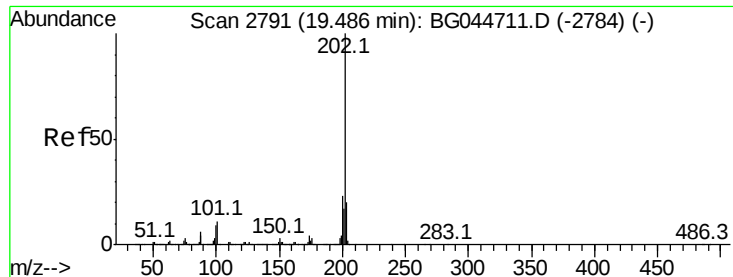
Abundance

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: 35.282 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

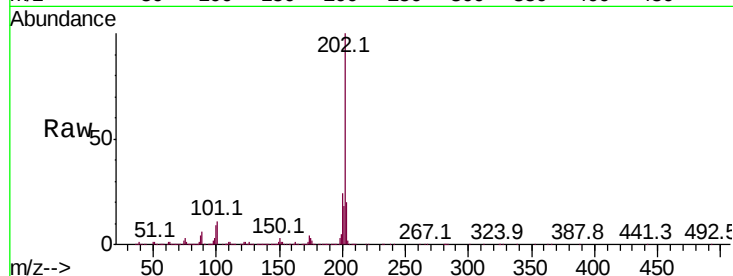
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1549138

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.3
203	19.8	0.4	40.4

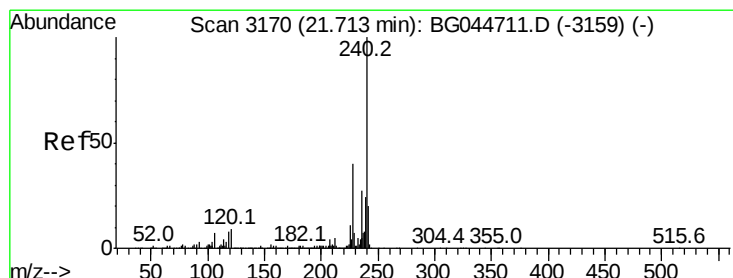
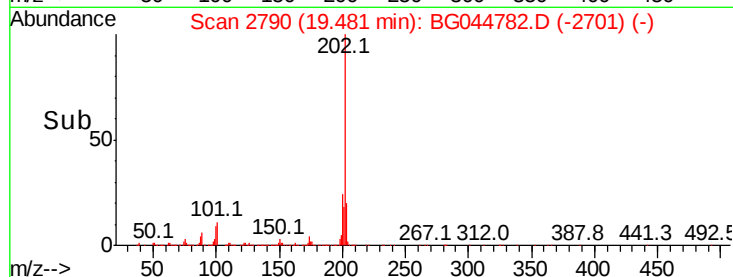
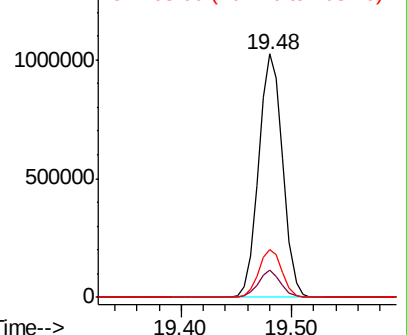


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

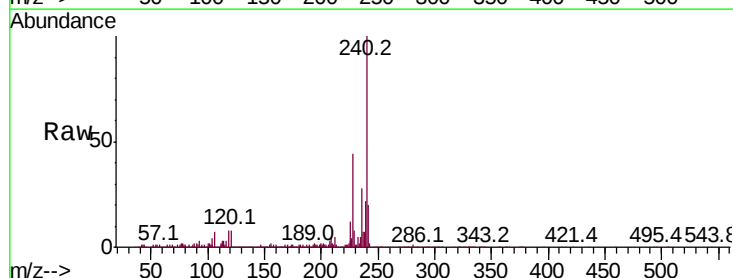
Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Tgt Ion:240 Resp: 550657

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	28.1	21.9	32.9

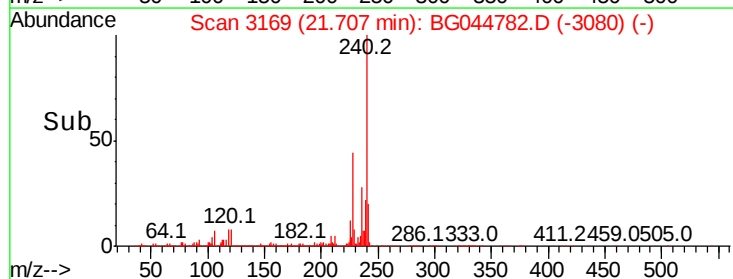
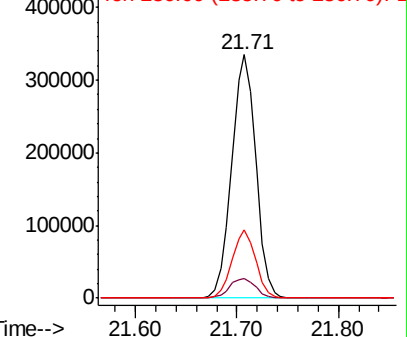


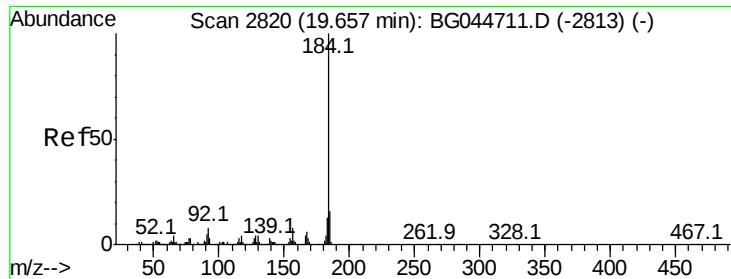
Abundance

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: 49.366 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

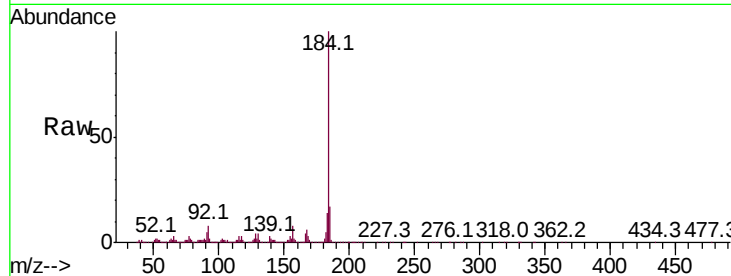
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 882497

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.9	19.3
183	14.1	10.6	15.8

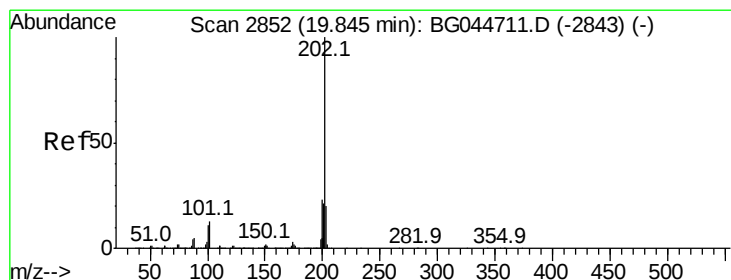
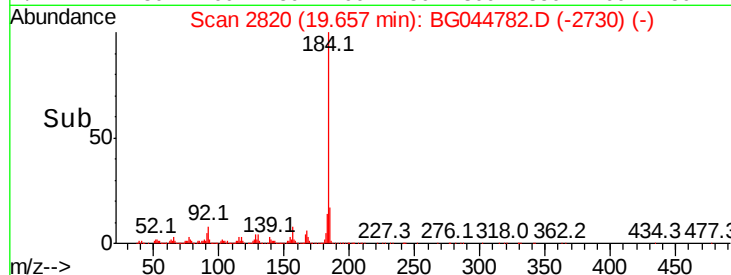
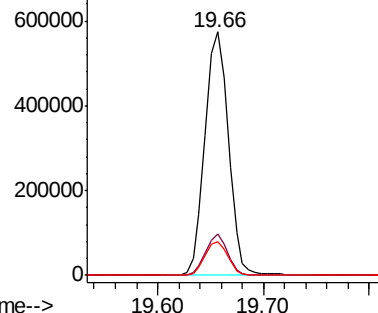


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.588 ng

RT: 19.84 min Scan# 2852

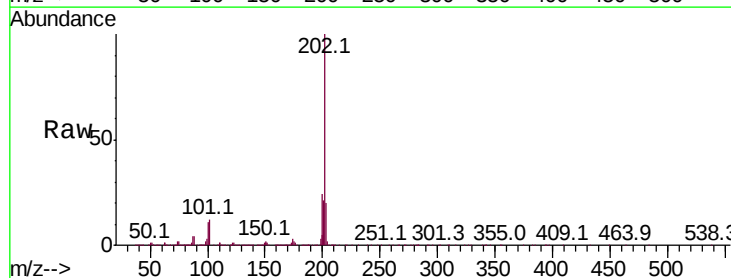
Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Tgt Ion:202 Resp: 1518564

Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.7	28.1
203	20.4	16.0	24.0

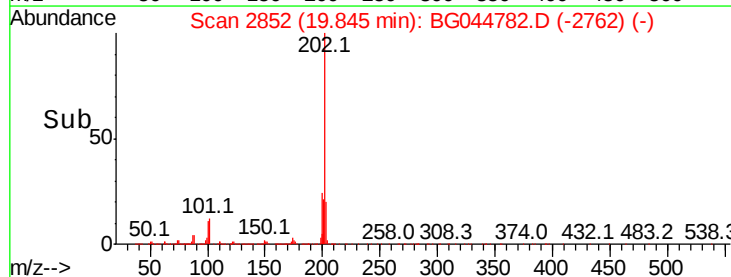
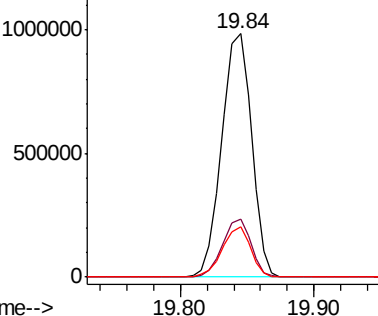


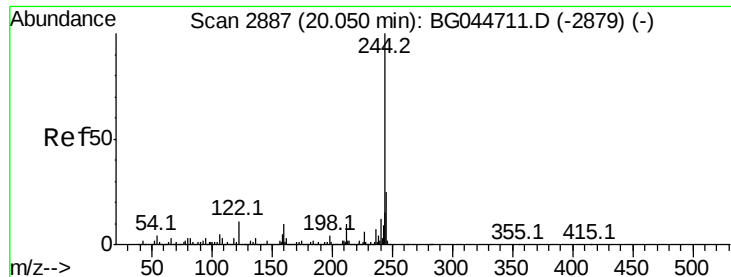
Abundance

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: 74.145 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

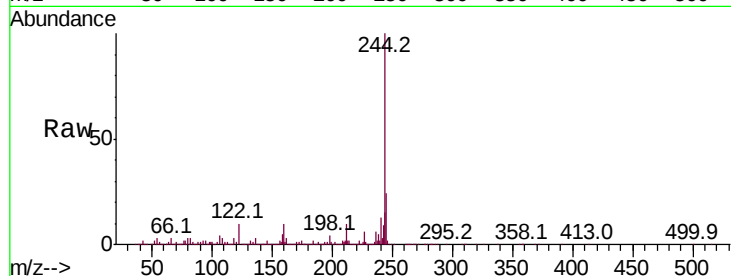
Tot Ion:244 Resp: 2182695

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.4	12.6
122	10.4	8.7	13.1

244 100

212 10.1 8.4 12.6

122 10.4 8.7 13.1

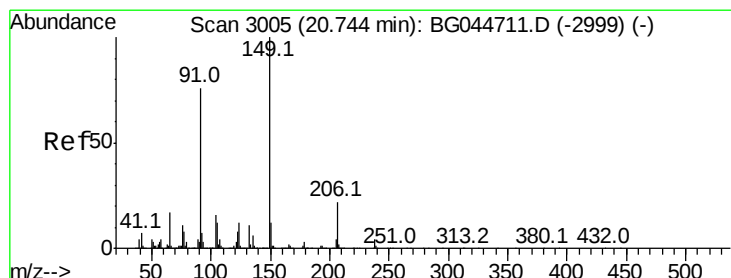
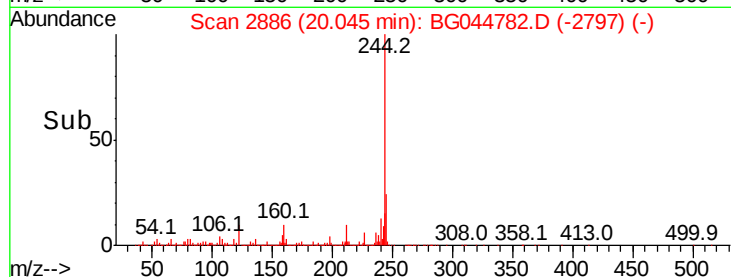
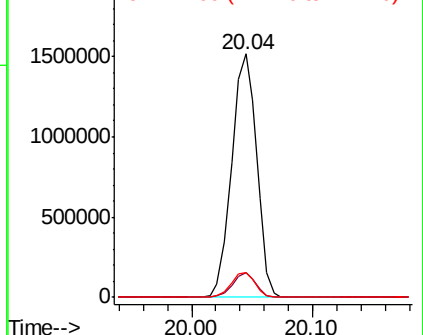


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.435 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

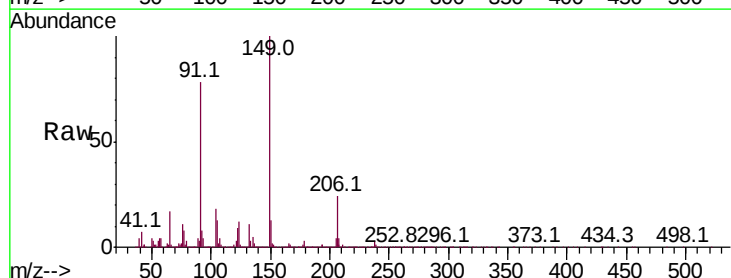
Tgt Ion:149 Resp: 672825

Ion	Ratio	Lower	Upper
149	100		
91	78.4	61.1	91.7
206	23.9	17.4	26.2

149 100

91 78.4 61.1 91.7

206 23.9 17.4 26.2

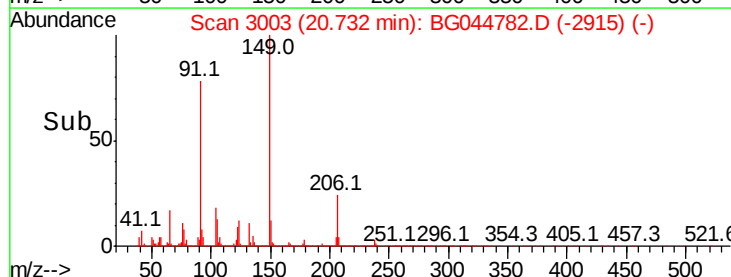
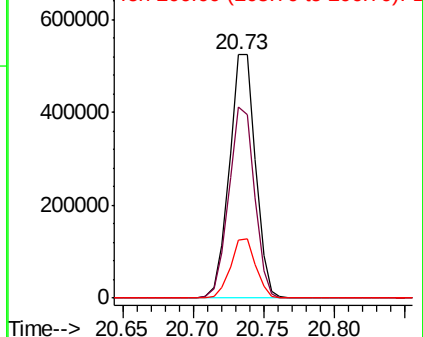


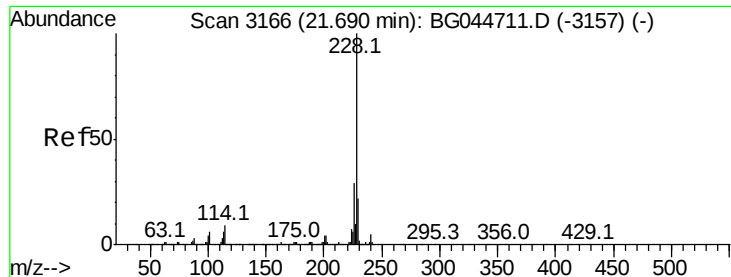
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.715 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampled :

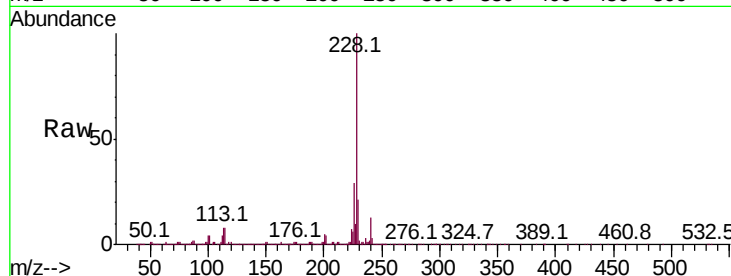
Tot Ion:228 Resp: 1455781

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	21.4	17.2	25.8

228 100

226 29.1 23.5 35.3

229 21.4 17.2 25.8

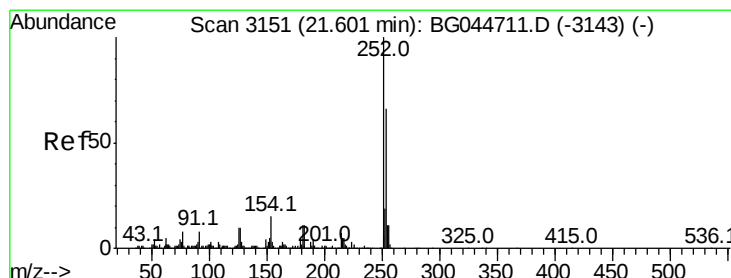
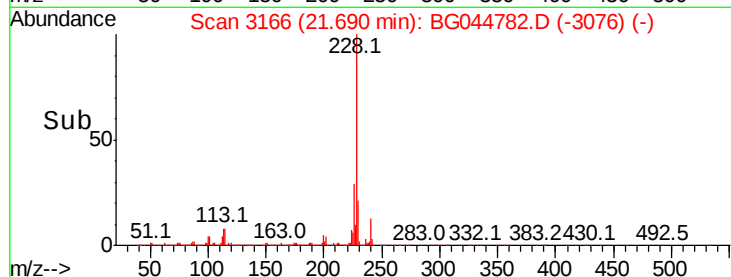
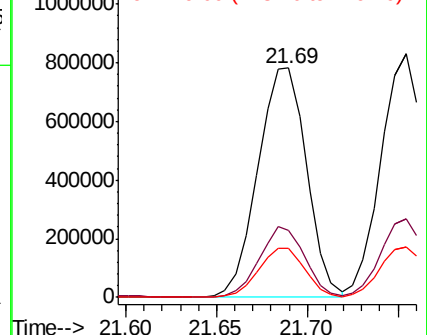


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.425 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

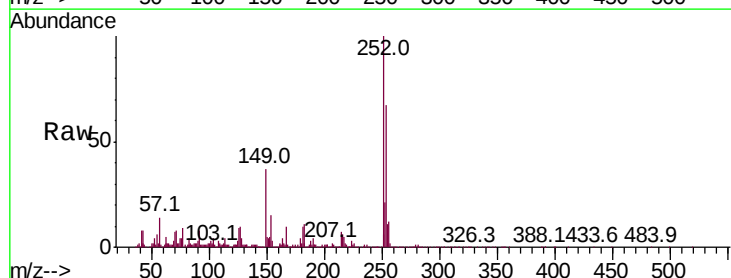
Tgt Ion:252 Resp: 589432

Ion	Ratio	Lower	Upper
252	100		
254	67.3	53.0	79.4
126	9.3	8.2	12.4

252 100

254 67.3 53.0 79.4

126 9.3 8.2 12.4

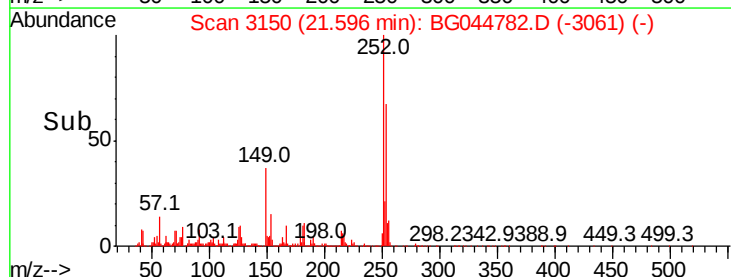
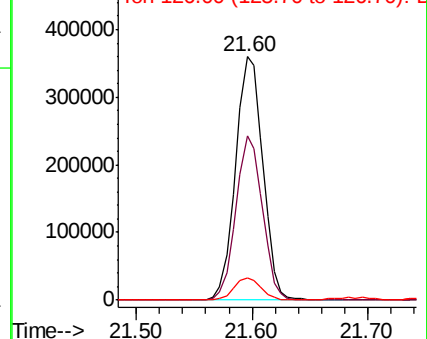


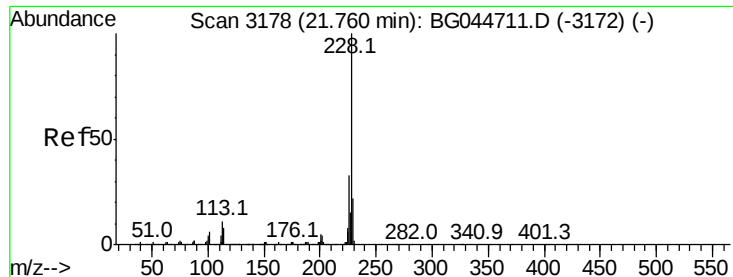
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.562 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

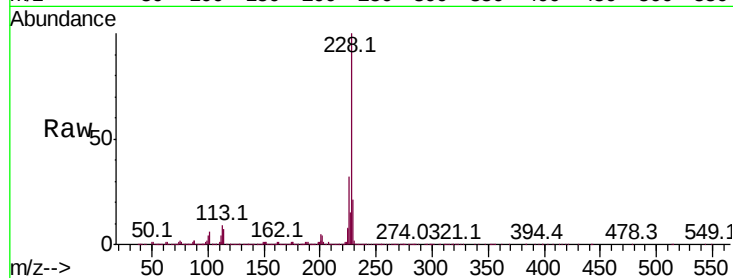
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1384827

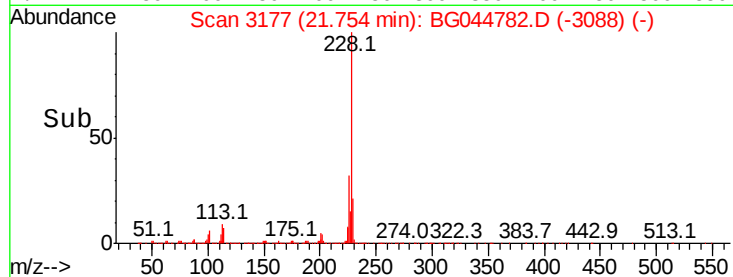
Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.1	39.1
229	20.8	17.4	26.0



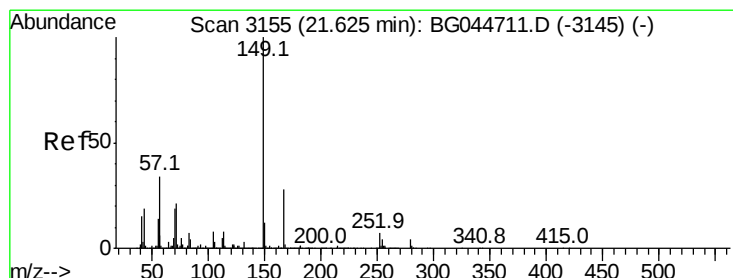
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.529 ng

RT: 21.61 min Scan# 3153

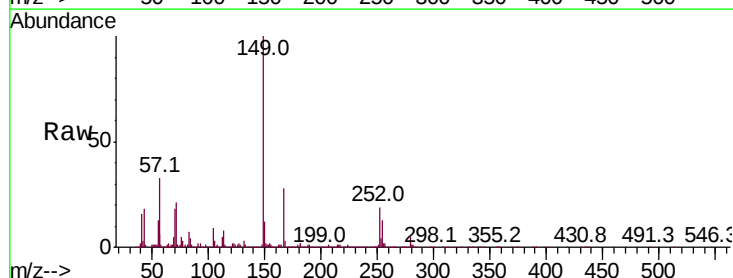
Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Tgt Ion:149 Resp: 906113

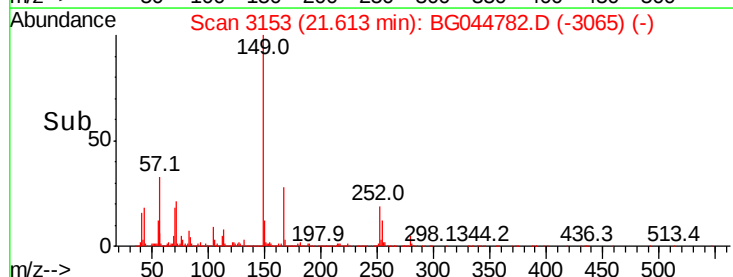
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	5.0	3.5	5.3



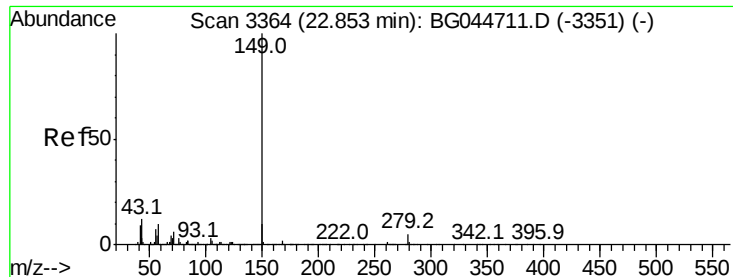
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 36.726 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

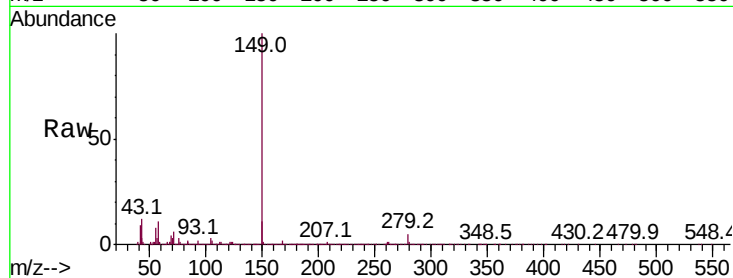
Tot Ion:149 Resp: 1524452

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

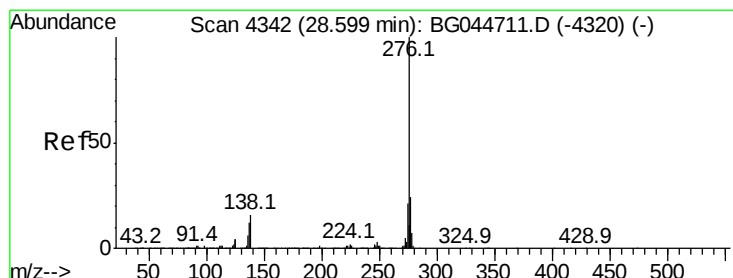
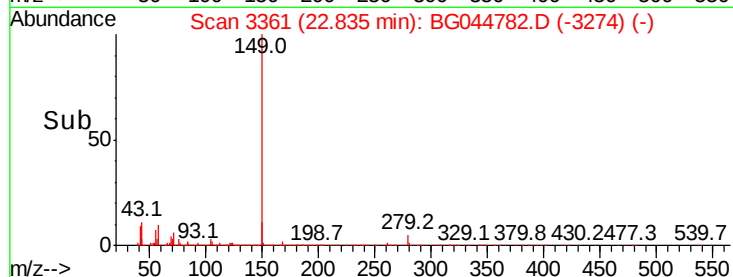
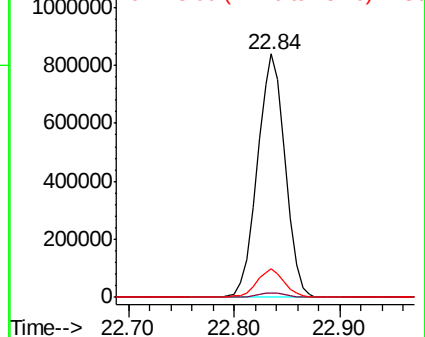
43 11.2 9.0 13.6



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: 33.395 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

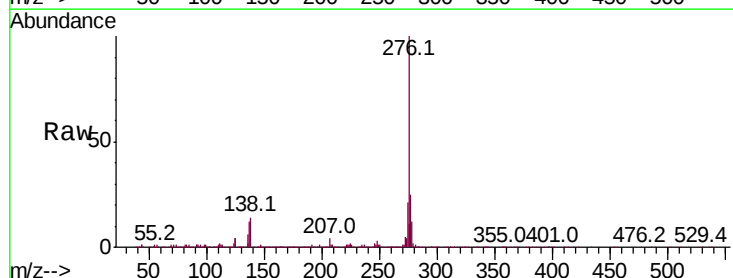
Tgt Ion:276 Resp: 1658260

Ion Ratio Lower Upper

276 100

138 10.0 10.9 16.3#

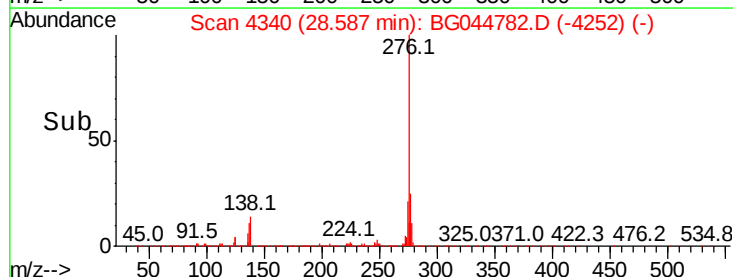
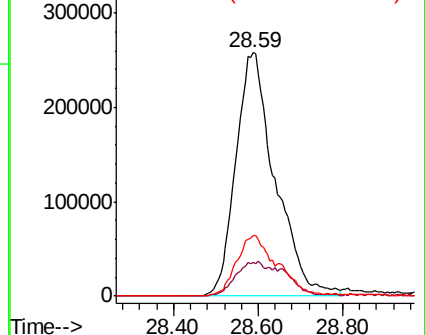
277 25.7 20.8 31.2

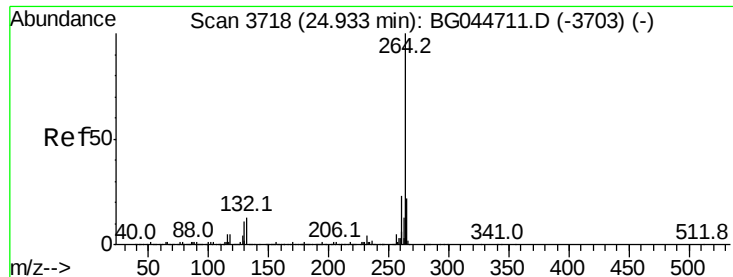


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

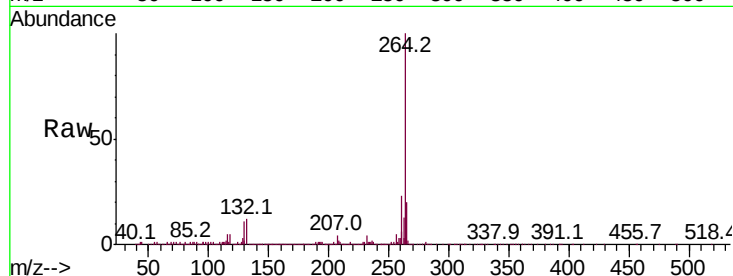
Tot Ion:264 Resp: 632311

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

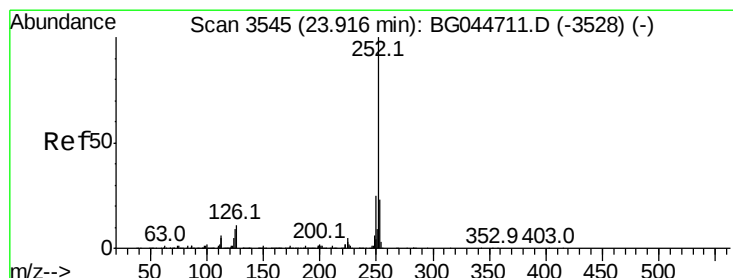
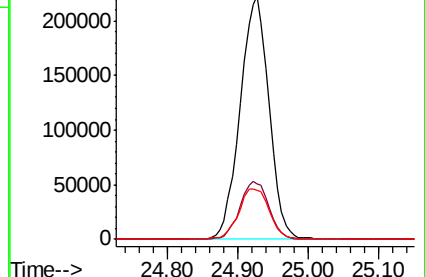
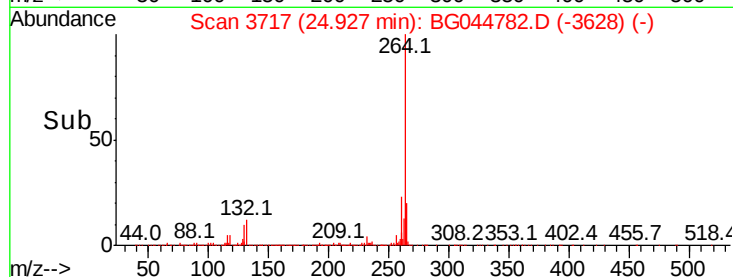
265 20.1 17.4 26.2



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: 35.524 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

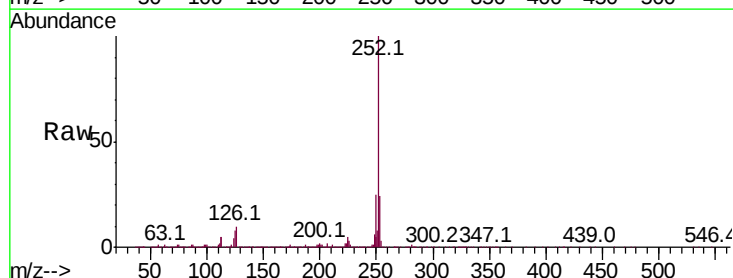
Tgt Ion:252 Resp: 1482899

Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

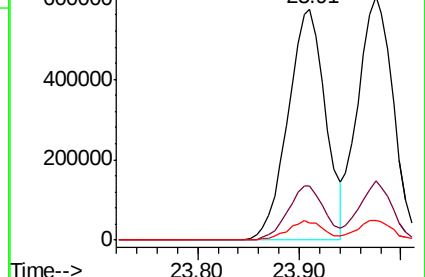
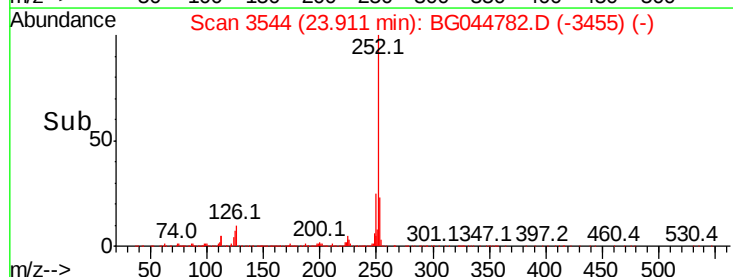
125 7.5 7.2 10.8

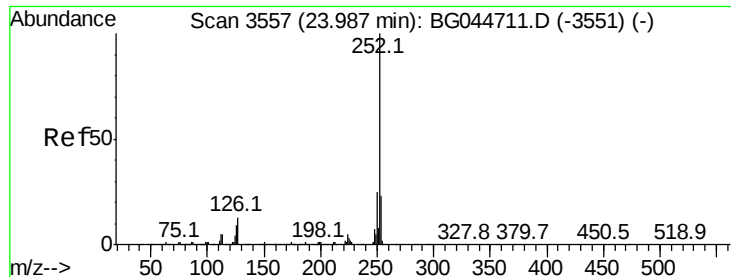


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.704 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Instrument :

BNA_G

ClientSampleId :

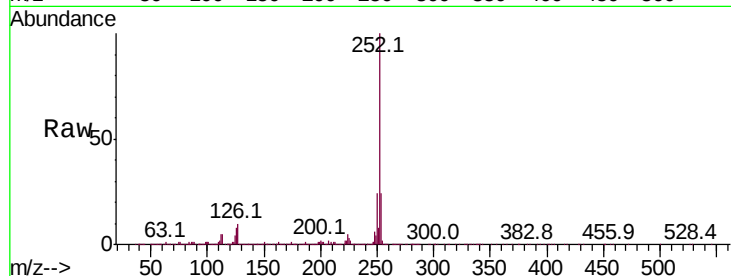
Tot Ion:252 Resp: 1449949

Ion Ratio Lower Upper

252 100

253 24.2 18.4 27.6

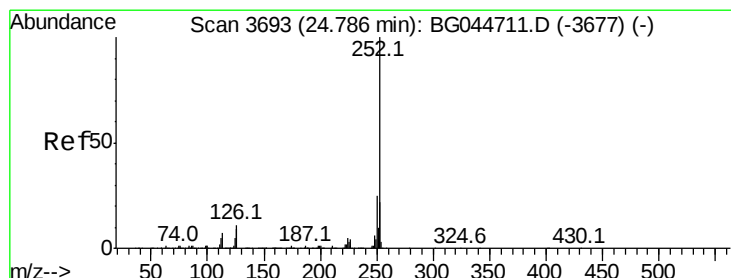
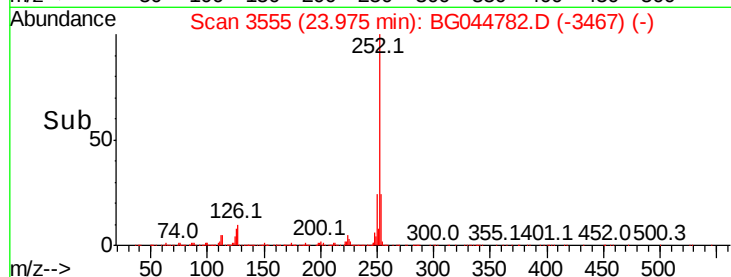
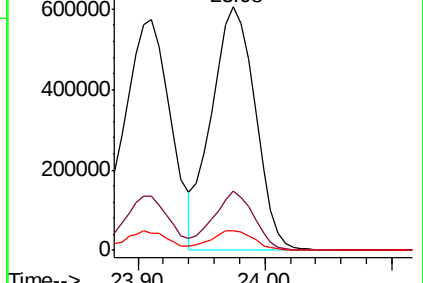
125 8.2 7.0 10.4



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



#90

Benzo(a)pyrene

Concen: 35.966 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

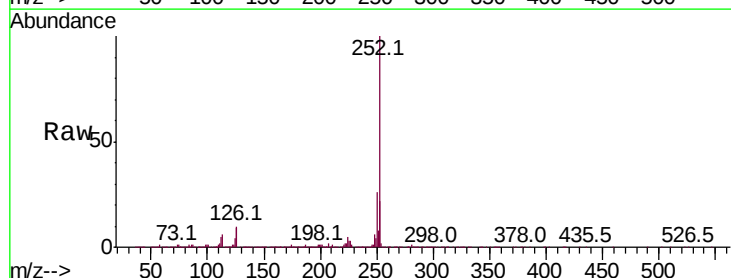
Tgt Ion:252 Resp: 1404835

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

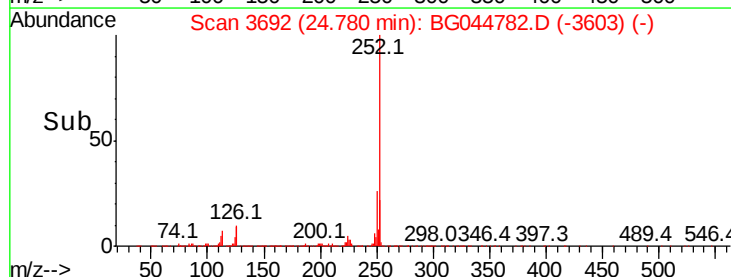
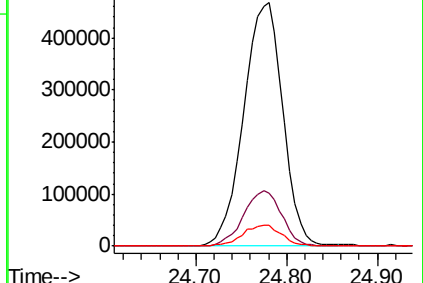
125 8.7 7.0 10.6

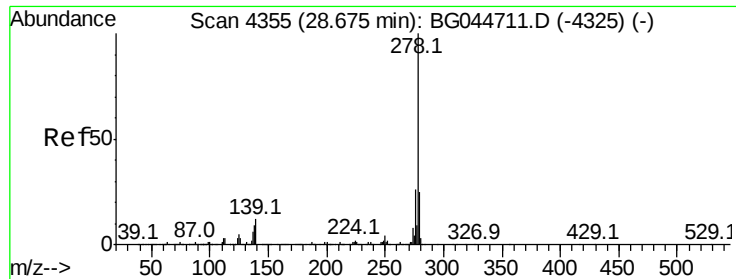


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.724 ng

RT: 28.65 min Scan# 4351

Delta R.T. -0.02 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

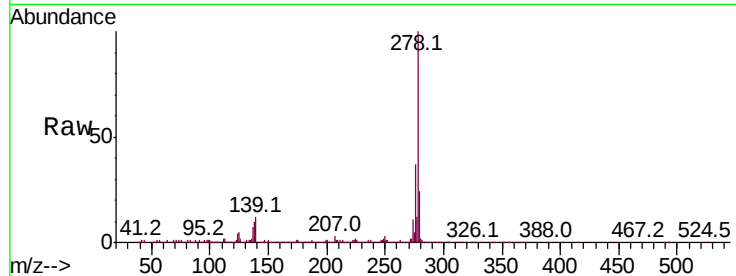
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1338080

Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.9	14.9
279	23.5	20.2	30.4

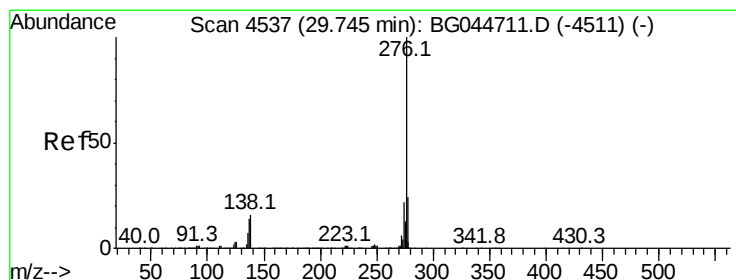
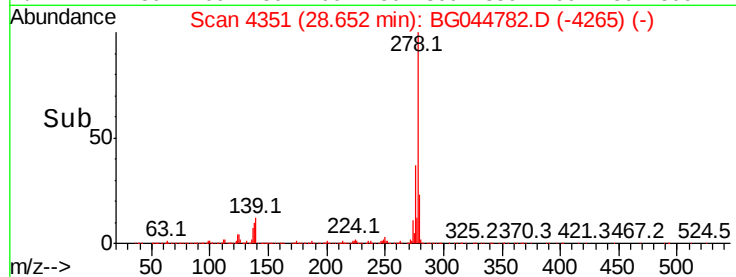
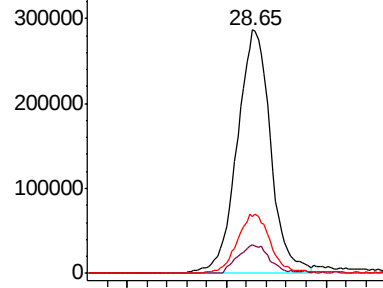


Abundance

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: 30.703 ng

RT: 29.72 min Scan# 4533

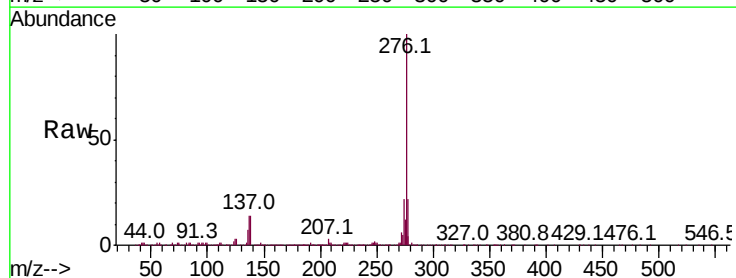
Delta R.T. -0.02 min

Lab File: BG044782.D

Acq: 14 Mar 2020 3:30

Tgt Ion:276 Resp: 1195366

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.8	28.2
138	14.2	13.0	19.4



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

