

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042020\
 Data File : BG045099.D
 Acq On : 20 Apr 2020 17:04
 Operator : CG/JU
 Sample : L2346-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

Quant Time: Apr 20 18:30:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	72001	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	320952	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	240947	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	510700	20.00	ng	0.00
76) Chrysene-d12	21.68	240	440628	20.00	ng	0.00
87) Perylene-d12	24.87	264	489874	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	462358	106.02	ng	0.00
7) Phenol-d6	7.20	99	739509	114.13	ng	0.00
23) Nitrobenzene-d5	9.19	82	477392	67.87	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	469587	126.15	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1334274	81.20	ng	0.00
79) Terphenyl-d14	20.02	244	2091498	103.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	66697	34.412	ng	96
3) Pyridine	3.88	79	201539	33.772	ng	98
4) n-Nitrosodimethylamine	3.79	42	80884	44.245	ng	86
6) Aniline	7.35	93	286090	33.958	ng	98
8) 2-Chlorophenol	7.60	128	256450	54.714	ng	96
9) Benzaldehyde	7.15	77	118408	29.869	ng	94
10) Phenol	7.23	94	347292	53.561	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	224885	43.561	ng	95
12) 1,3-Dichlorobenzene	7.92	146	257932	46.700	ng	98
13) 1,4-Dichlorobenzene	8.06	146	261794	47.569	ng	98
14) 1,2-Dichlorobenzene	8.38	146	253113	48.074	ng	97
15) Benzyl Alcohol	8.26	79	263521	48.507	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	213794	42.188	ng	96
17) 2-Methylphenol	8.48	107	241160	48.205	ng	96
18) Hexachloroethane	9.12	117	101513	49.066	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	209838	45.792	ng	98
20) 3+4-Methylphenols	8.81	107	336956	48.120	ng	99
22) Acetophenone	8.85	105	396607	45.695	ng	99
24) Nitrobenzene	9.23	77	324611	45.022	ng	97
25) Isophorone	9.75	82	612417	42.515	ng	99
26) 2-Nitrophenol	9.94	139	158002	50.874	ng	99
27) 2,4-Dimethylphenol	10.01	122	253959	51.535	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	347743	45.947	ng	99
29) 2,4-Dichlorophenol	10.49	162	296955	52.187	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	310982	48.271	ng	95
31) Naphthalene	10.88	128	828774	47.203	ng	99
32) Benzoic acid	10.17	122	199795	49.897	ng	93
33) 4-Chloroaniline	10.98	127	144329	17.626	ng	98
34) Hexachlorobutadiene	11.18	225	210975	47.764	ng	97
35) Caprolactam	11.77	113	67144	29.649	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	333156	49.840	ng	99
37) 2-Methylnaphthalene	12.49	142	647686	47.526	ng	93
38) 1-Methylnaphthalene	12.71	142	625354	48.608	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	369912	47.682	ng	99

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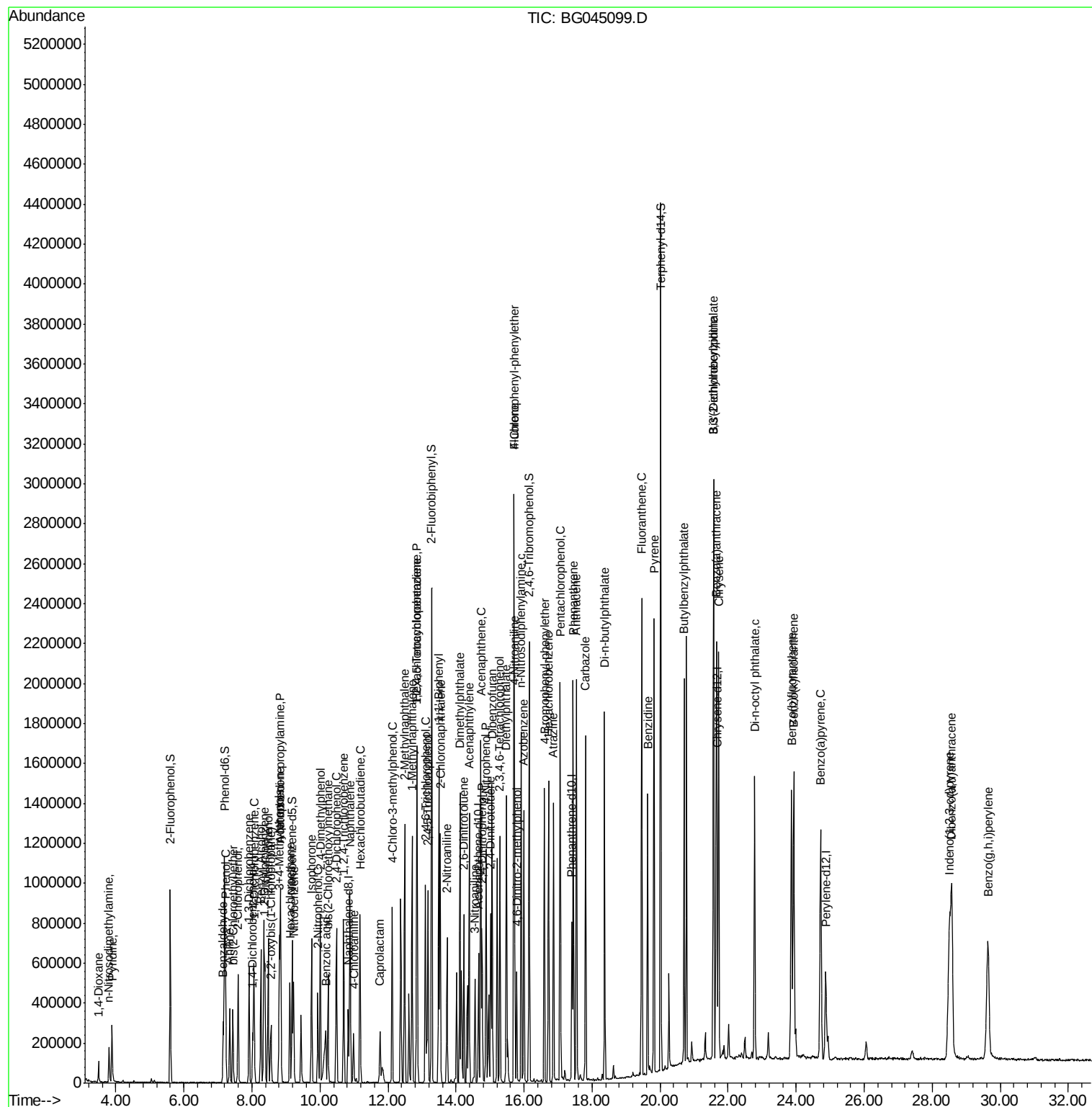
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	356840	73.594	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	275085	50.242	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	285450	45.802	nq	98
46) 1,1'-Biphenyl	13.49	154	824206	45.005	nq	98
47) 2-Chloronaphthalene	13.54	162	651834	46.581	nq	99
48) 2-Nitroaniline	13.73	65	206030	44.749	nq	95
49) Acenaphthylene	14.39	152	1036916	45.492	nq	100
50) Dimethylphthalate	14.12	163	983762	50.143	nq	98
51) 2,6-Dinitrotoluene	14.23	165	198023	45.126	nq	96
52) Acenaphthene	14.73	154	644858	41.814	nq	98
53) 3-Nitroaniline	14.56	138	139217	28.926	nq	94
54) 2,4-Dinitrophenol	14.77	184	197513	75.694	nq	94
55) Dibenzofuran	15.06	168	1010883	44.960	nq	97
56) 4-Nitrophenol	14.89	139	313639	84.047	nq	95
57) 2,4-Dinitrotoluene	15.02	165	272786	42.537	nq	94
58) Fluorene	15.71	166	825009	44.922	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	268308	48.385	nq	98
60) Diethylphthalate	15.48	149	865978	42.336	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	463805	43.876	nq	99
62) 4-Nitroaniline	15.73	138	177989	35.656	nq	95
63) Azobenzene	16.00	77	828034	43.908	nq	100
65) 4,6-Dinitro-2-methylphenol	15.78	198	143260	42.677	nq	98
66) n-Nitrosodiphenylamine	15.91	169	741291	50.519	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	318745	48.379	nq	96
68) Hexachlorobenzene	16.72	284	343069	50.208	nq	97
69) Atrazine	16.86	200	299973	57.362	nq	100
70) Pentachlorophenol	17.06	266	396062	94.485	nq	97
71) Phenanthrene	17.45	178	1256574	47.881	nq	98
72) Anthracene	17.54	178	1291950	49.077	nq	99
73) Carbazole	17.80	167	1168450	43.738	nq	99
74) Di-n-butylphthalate	18.37	149	1390632	48.260	nq	99
75) Fluoranthene	19.46	202	1486739	44.632	nq	99
77) Benzidine	19.63	184	845980	69.534	nq	99
78) Pyrene	19.82	202	1455781	47.924	nq	100
80) Butylbenzylphthalate	20.71	149	589148	46.789	nq	100
81) Benzo(a)anthracene	21.65	228	1400619	49.043	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	411989	36.244	nq	98
83) Chrysene	21.72	228	1331735	48.533	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	817400	47.200	nq	100
85) Di-n-octyl phthalate	22.77	149	1385617	46.269	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1776810	48.771	nq	# 97
88) Benzo(b)fluoranthene	23.86	252	1472825	47.997	nq	99
89) Benzo(k)fluoranthene	23.93	252	1447604	49.606	nq	99
90) Benzo(a)pyrene	24.72	252	1381767	47.693	nq	99
91) Dibenzo(a,h)anthracene	28.58	278	1479745	50.688	nq	97
92) Benzo(g,h,i)perylene	29.64	276	1435600	49.050	nq	98

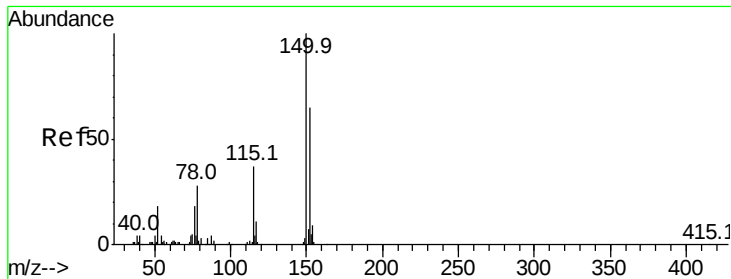
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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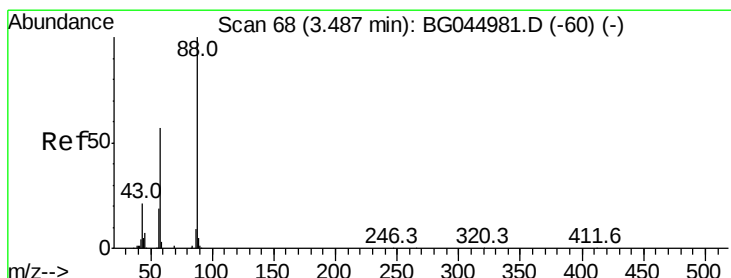
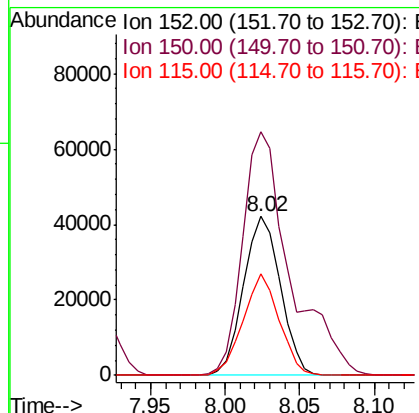
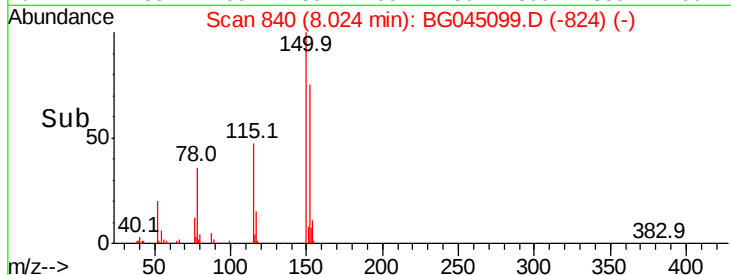
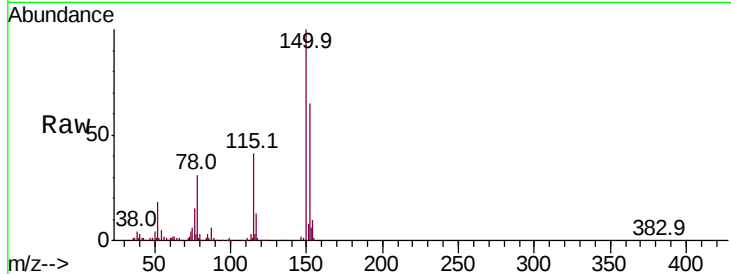




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

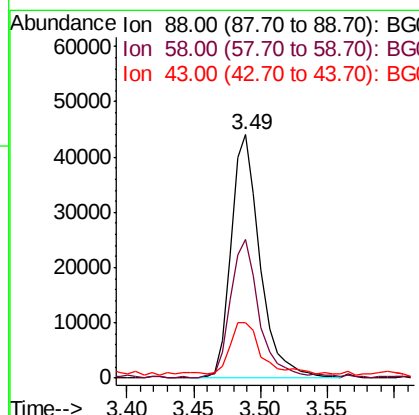
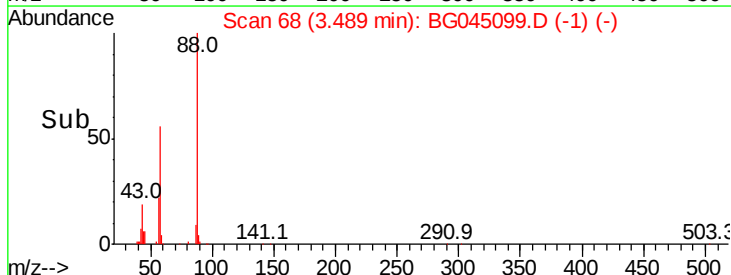
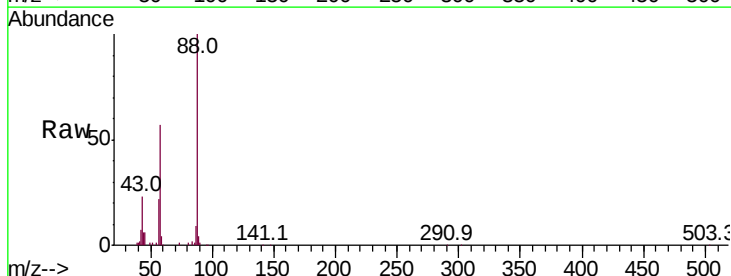
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

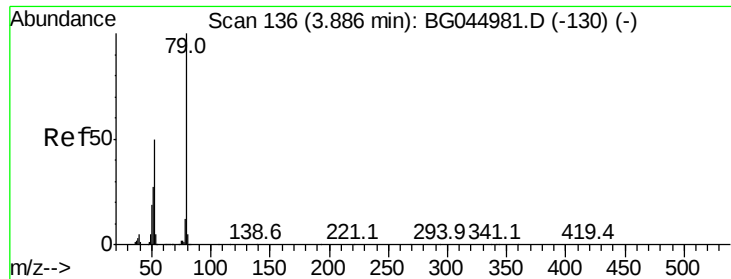
Tot Ion:	152	Resp:	72001
Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.6	185.4
115	63.6	49.1	73.7



#2
 1,4-Dioxane
 Concen: 34.412 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion:	88	Resp:	66697
Ion	Ratio	Lower	Upper
88	100		
58	56.8	46.6	69.8
43	26.3	17.5	26.3





#3

Pvridine

Concen: 33.772 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

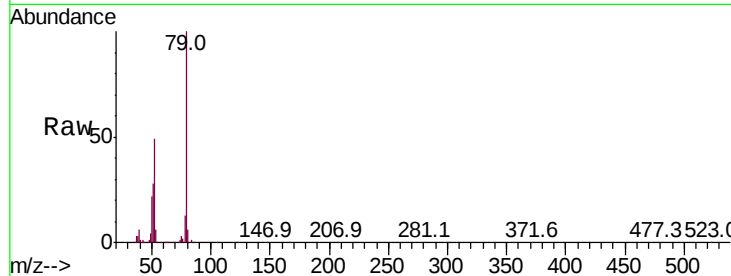
BNA_G

ClientSampleId :

S-2MS

Tot Ion: 79 Resp: 201539

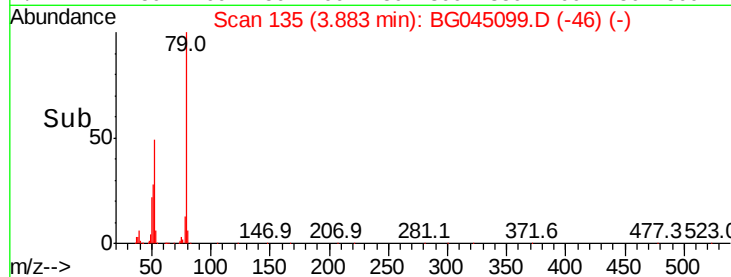
Ion	Ratio	Lower	Upper
79	100		
52	48.8	39.8	59.6
51	28.4	21.4	32.2



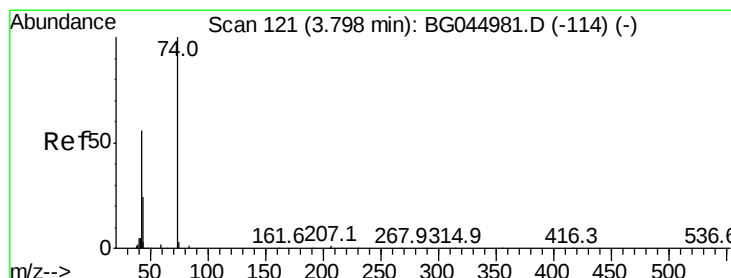
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 3.80 3.90 4.00



#4

n-Nitrosodimethylamine

Concen: 44.245 ng

RT: 3.79 min Scan# 120

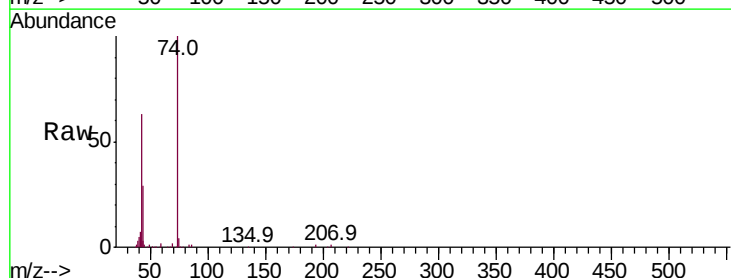
Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion: 42 Resp: 80884

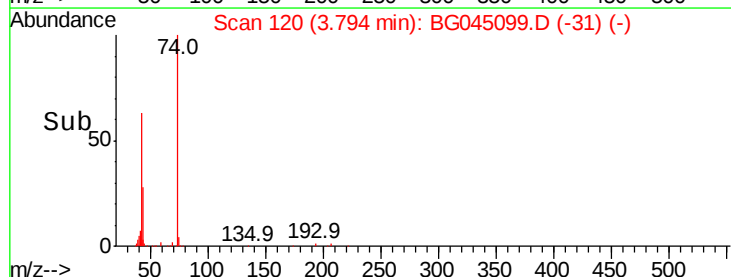
Ion	Ratio	Lower	Upper
42	100		
74	158.8	143.0	214.6
44	5.3	4.6	6.8



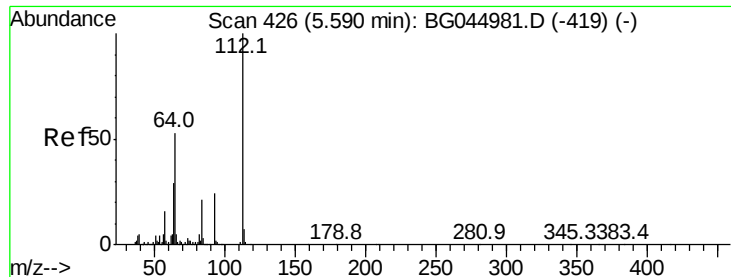
Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time--> 3.70 3.80 3.90



#5

2-Fluorophenol

Concen: 106.016 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

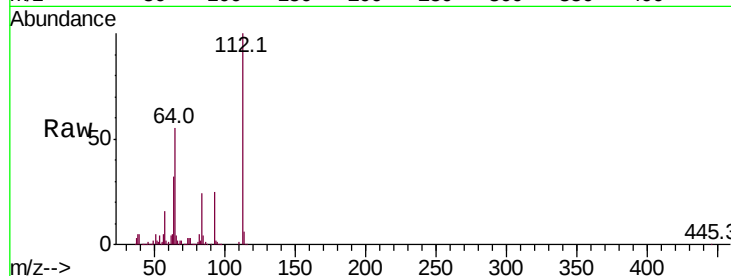
Tot Ion:112 Resp: 462358

Ion Ratio Lower Upper

112 100

64 55.4 42.4 63.6

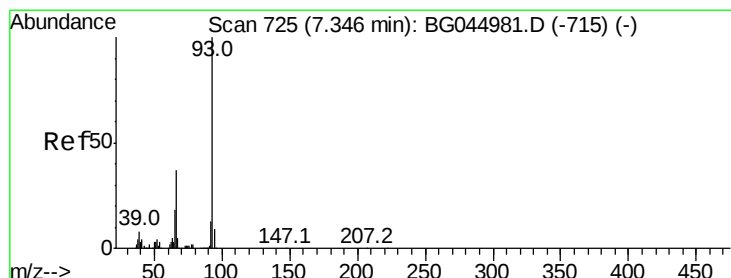
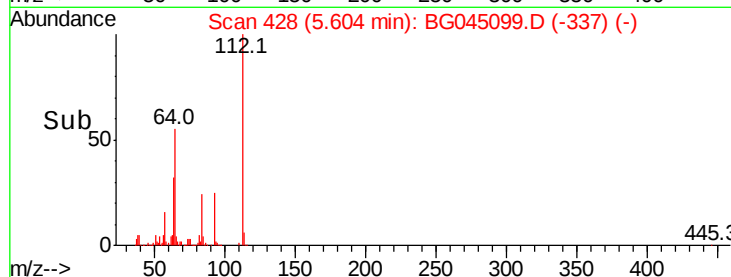
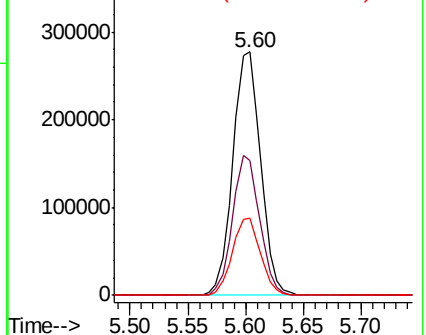
63 31.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.958 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

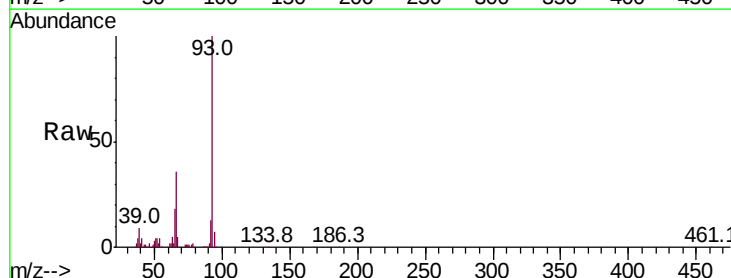
Tgt Ion: 93 Resp: 286090

Ion Ratio Lower Upper

93 100

66 35.7 29.8 44.8

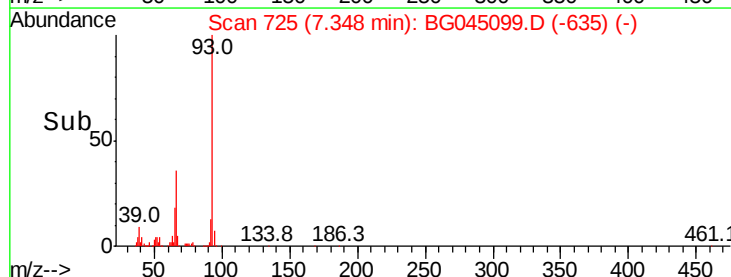
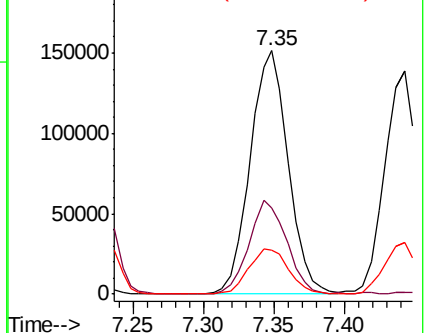
65 18.2 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.128 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045099.D

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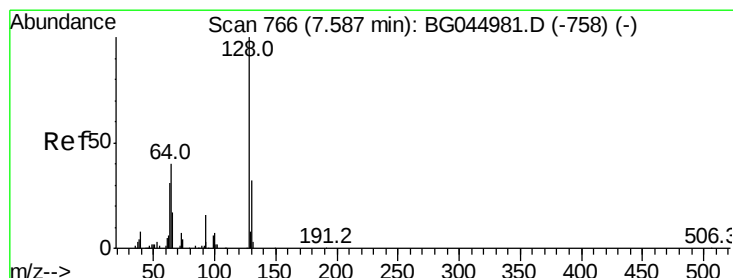
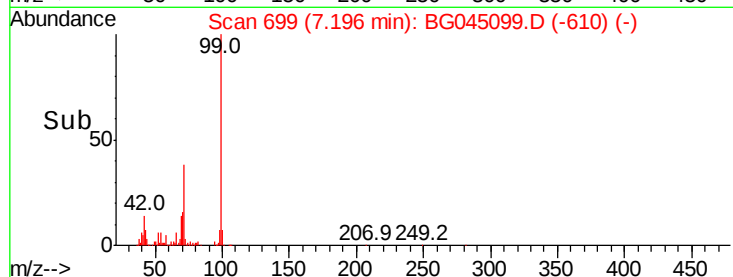
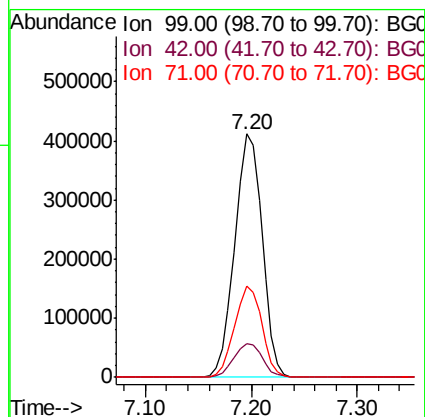
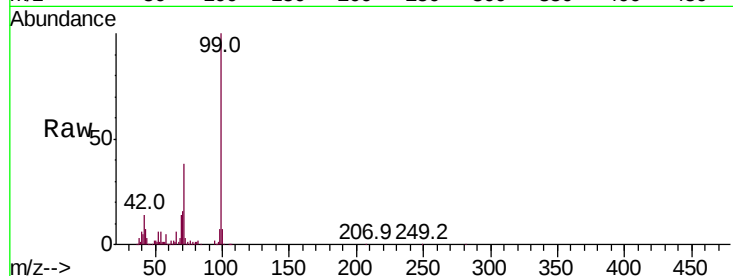
Tot Ion: 99 Resp: 739509

Ion Ratio Lower Upper

99 100

42 13.9 11.3 16.9

71 37.7 28.3 42.5



#8

2-Chlorophenol

Concen: 54.714 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG045099.D

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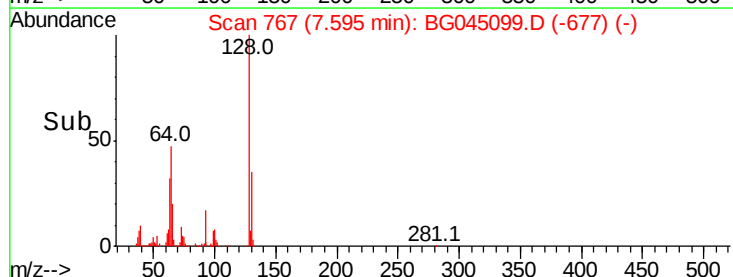
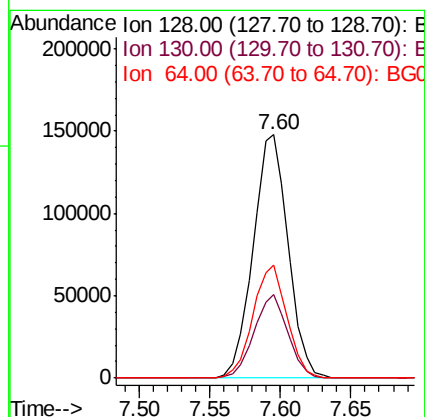
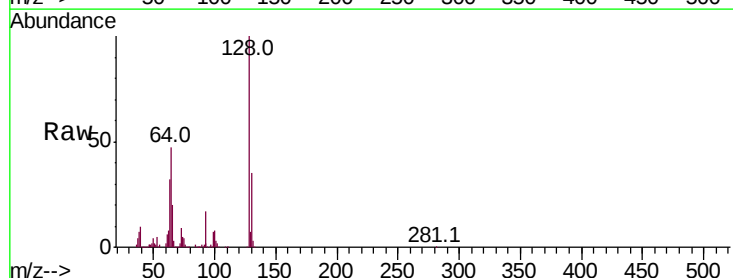
Tgt Ion: 128 Resp: 256450

Ion Ratio Lower Upper

128 100

130 34.5 12.3 52.3

64 46.6 24.4 64.4





#9

Benzaldehyde

Concen: 29.869 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

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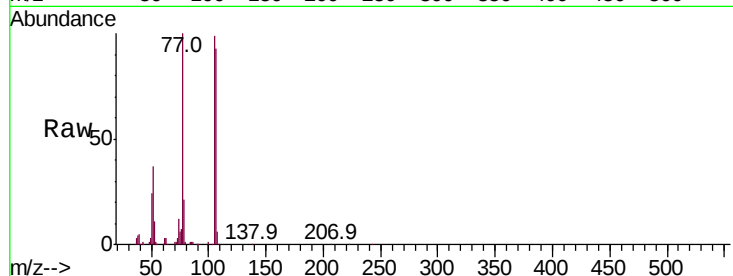
Tot Ion: 77 Resp: 118408

Ion Ratio Lower Upper

77 100

105 99.0 72.9 112.9

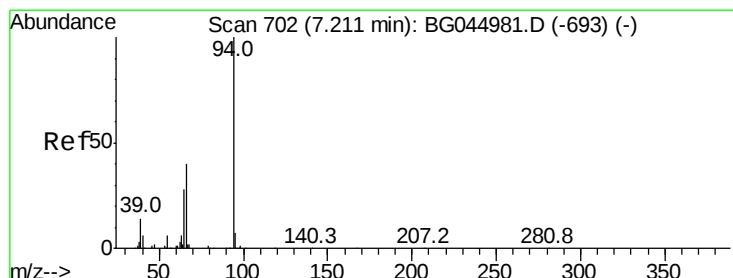
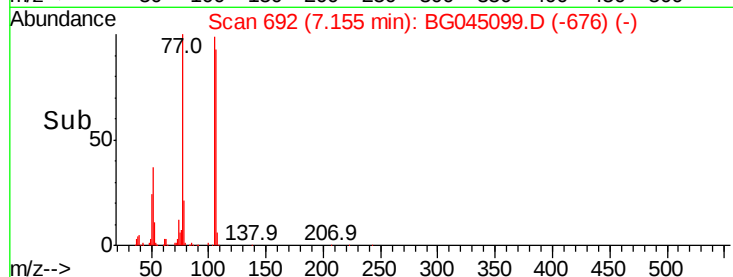
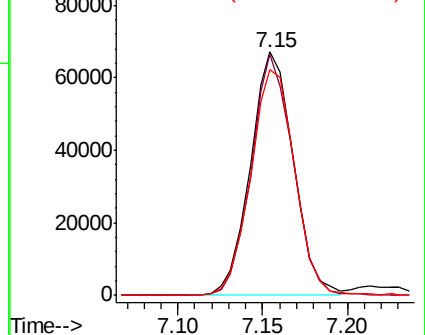
106 92.8 67.6 107.6



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: 53.561 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

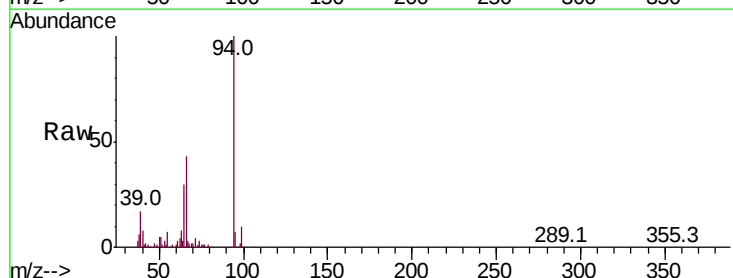
Tgt Ion: 94 Resp: 347292

Ion Ratio Lower Upper

94 100

65 29.6 8.2 48.2

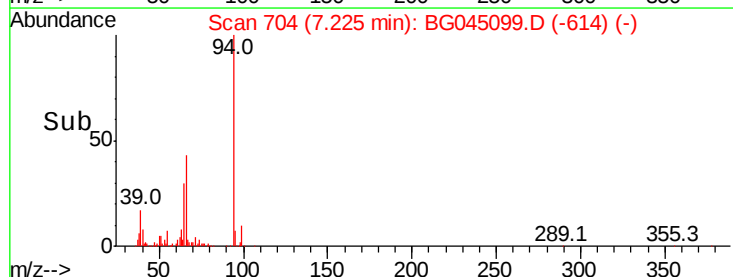
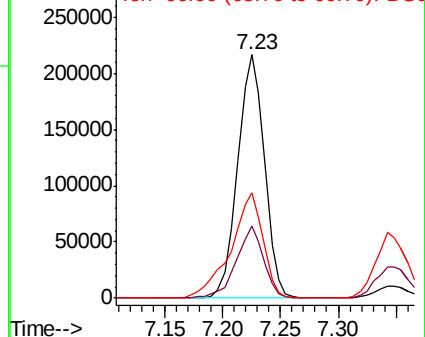
66 43.3 20.4 60.4

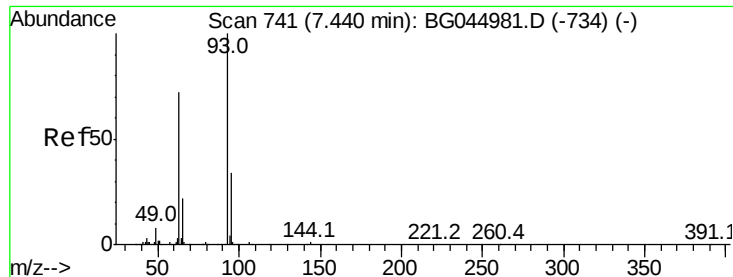


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

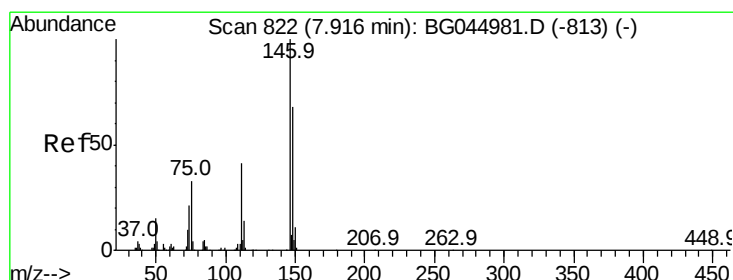
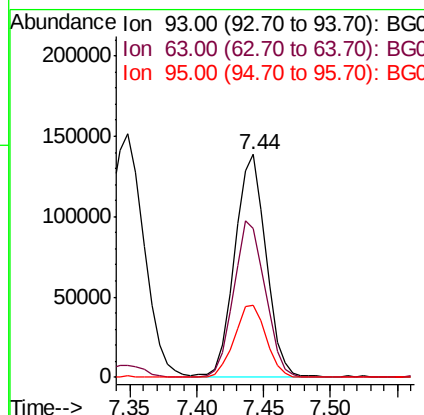
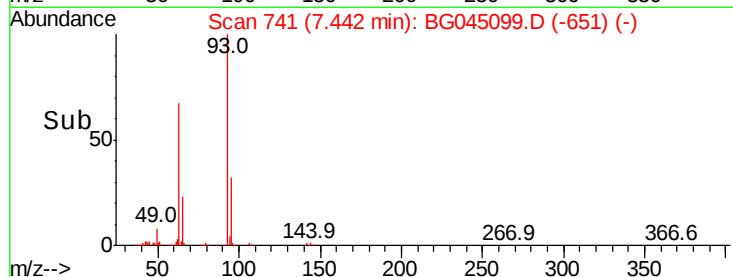
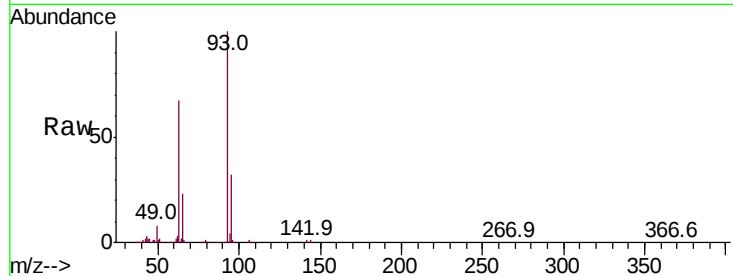




#11
bis(2-Chloroethyl)ether
Concen: 43.561 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

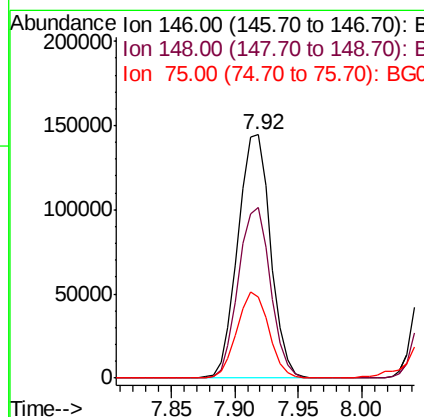
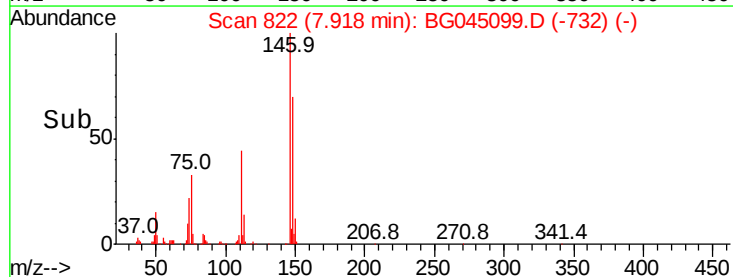
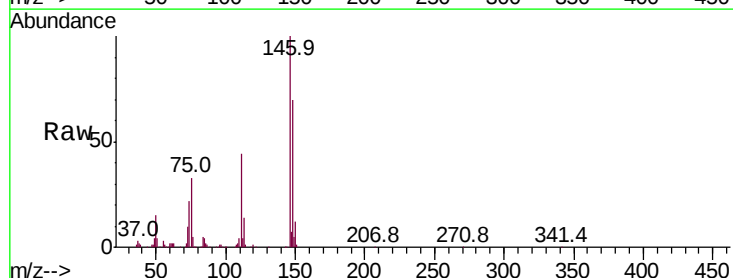
Instrument :
BNA_G
ClientSampleId :
S-2MS

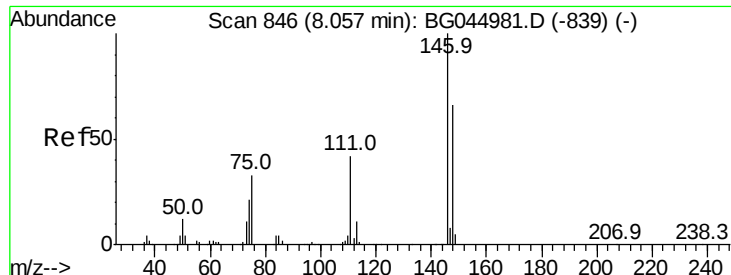
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.9	51.8	91.8
95	32.3	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 46.700 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.4	54.6	81.8
75	33.4	26.0	39.0

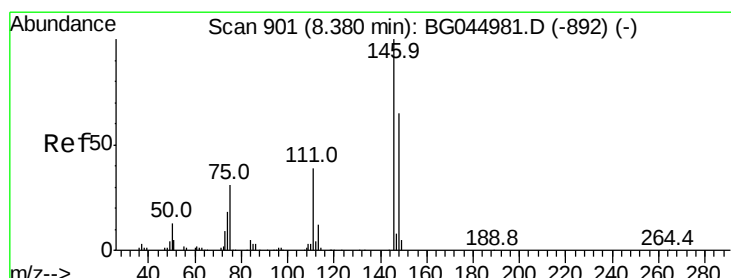
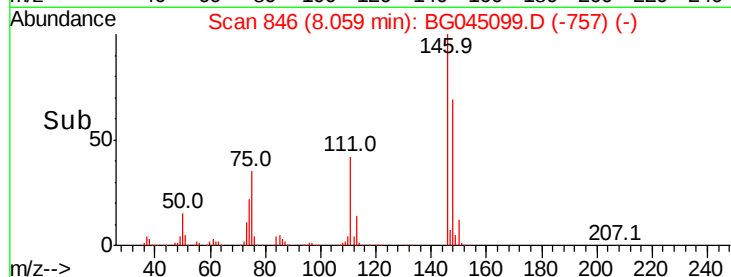
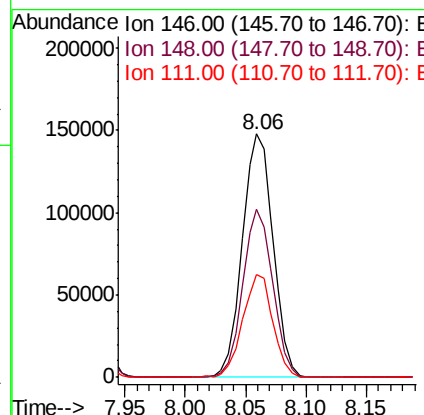
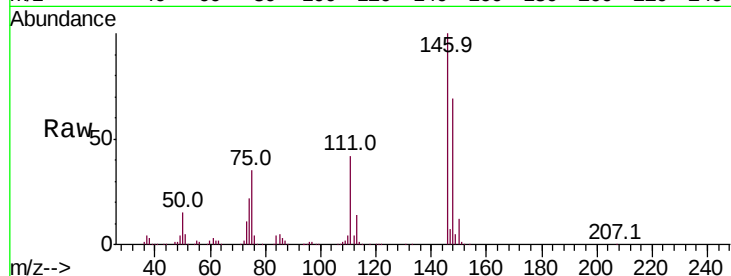




#13
 1,4-Dichlorobenzene
 Concen: 47.569 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

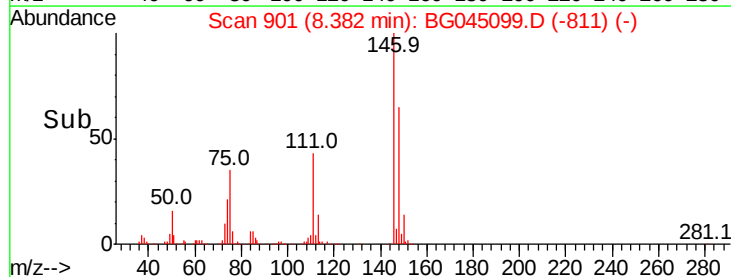
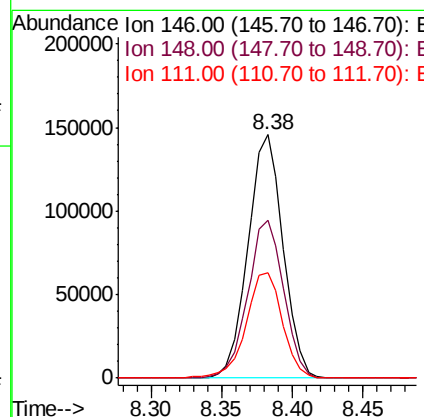
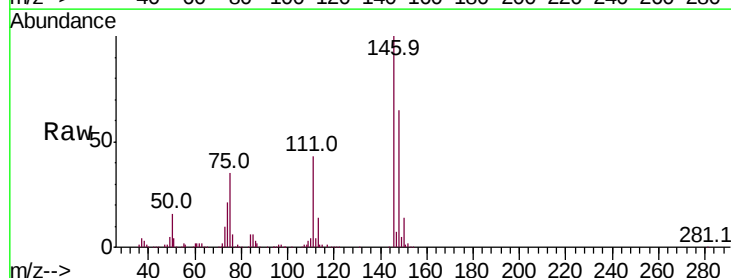
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

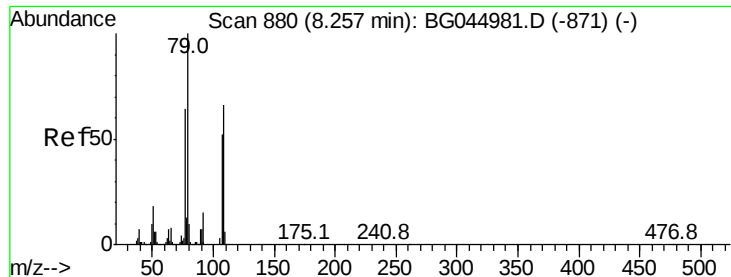
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.3	79.9
111	42.2	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 48.074 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	43.2	31.3	46.9





#15

Benzyl Alcohol

Concen: 48.507 ng

RT: 8.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

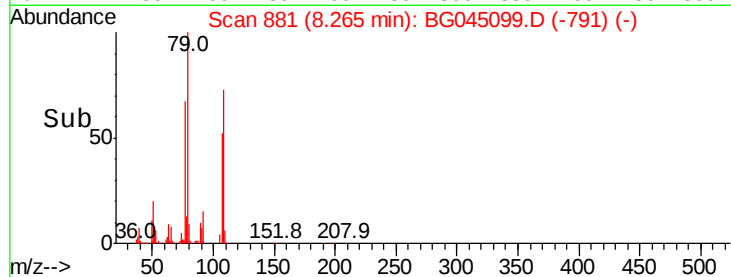
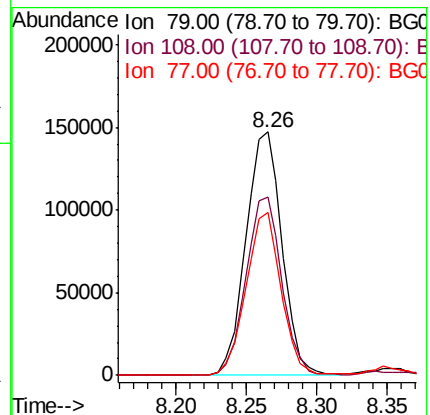
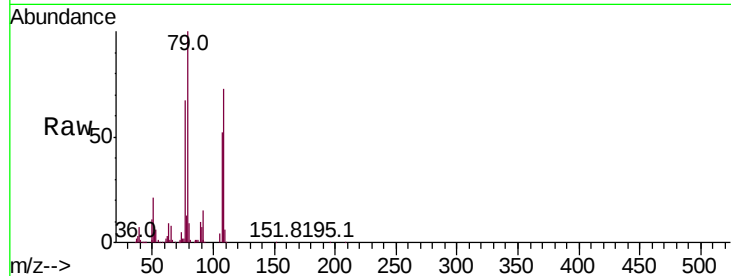
Tot Ion: 79 Resp: 263521

Ion Ratio Lower Upper

79 100

108 73.4 52.7 79.1

77 66.9 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.188 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

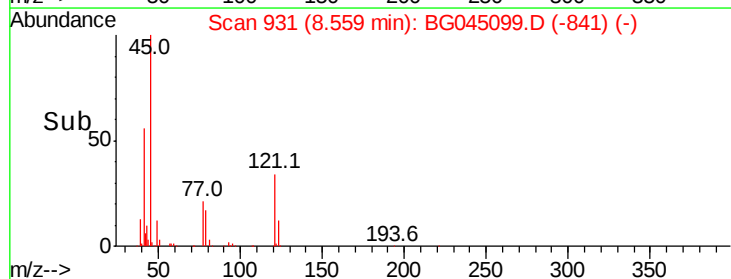
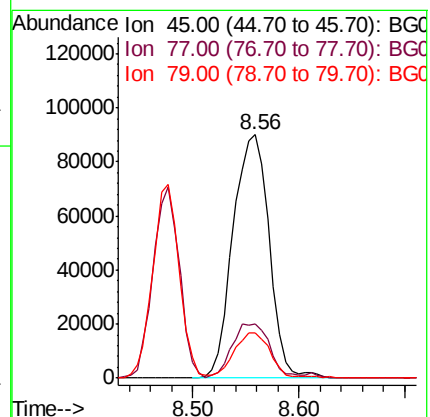
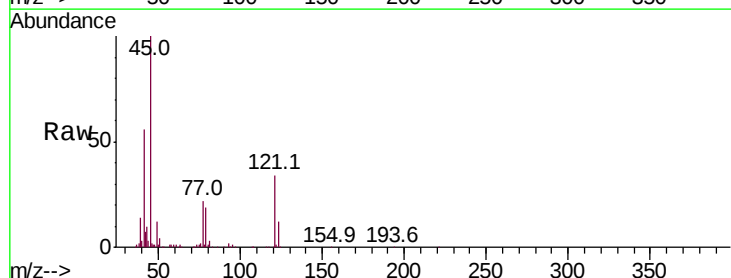
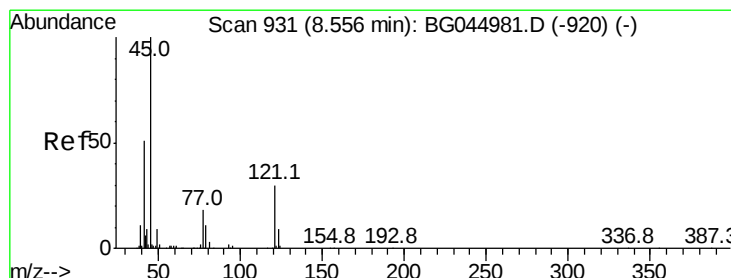
Tgt Ion: 45 Resp: 213794

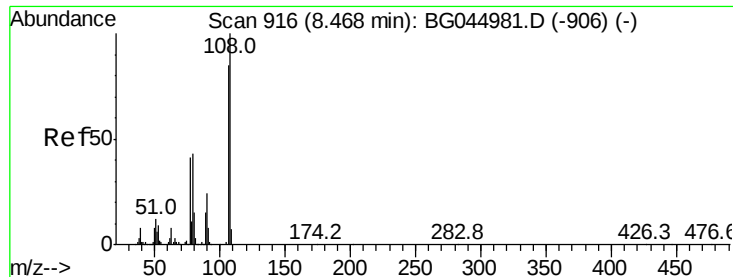
Ion Ratio Lower Upper

45 100

77 22.4 1.9 41.9

79 18.6 0.0 35.5





#17

2-Methylphenol

Concen: 48.205 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

Tot Ion:107 Resp: 241160

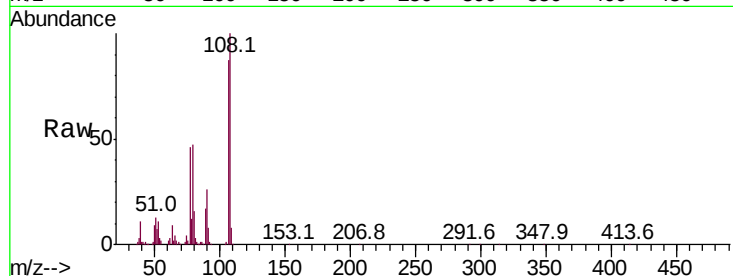
Ion Ratio Lower Upper

107 100

108 114.6 93.8 140.6

77 53.0 38.5 57.7

79 53.8 40.1 60.1

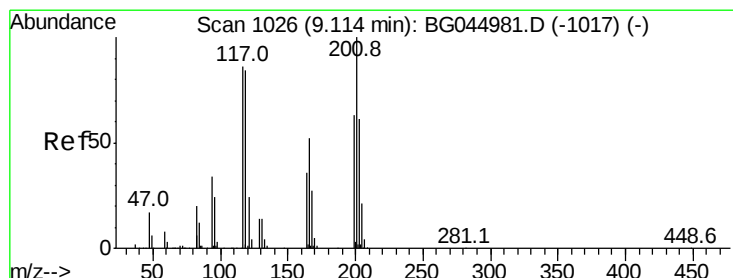
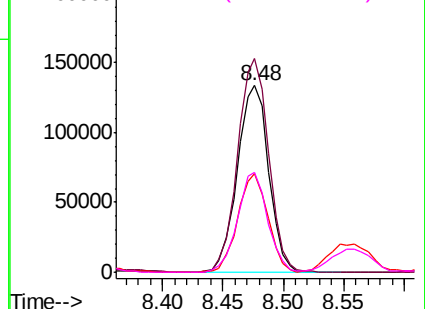
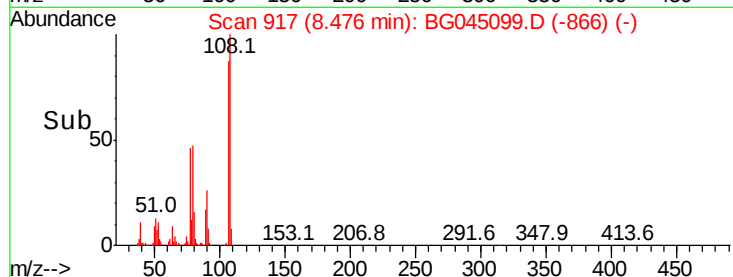


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.066 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

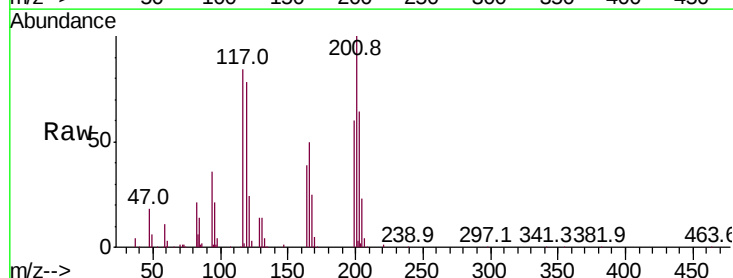
Tgt Ion:117 Resp: 101513

Ion Ratio Lower Upper

117 100

119 93.1 78.3 117.5

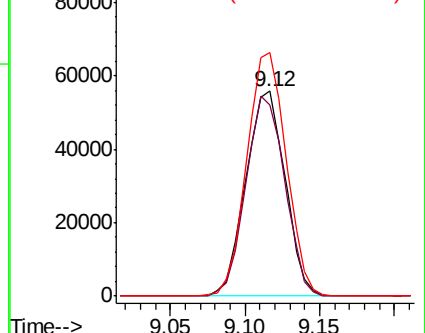
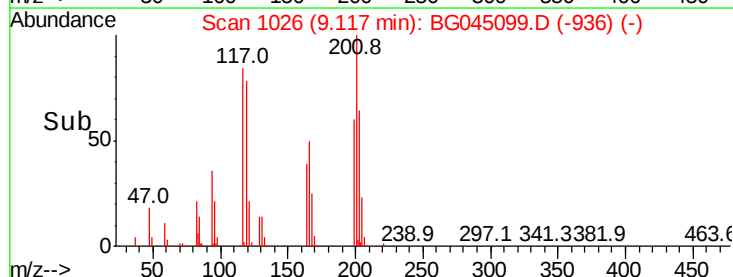
201 118.7 92.9 139.3

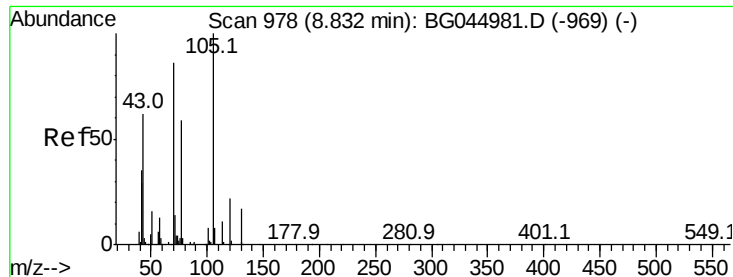


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

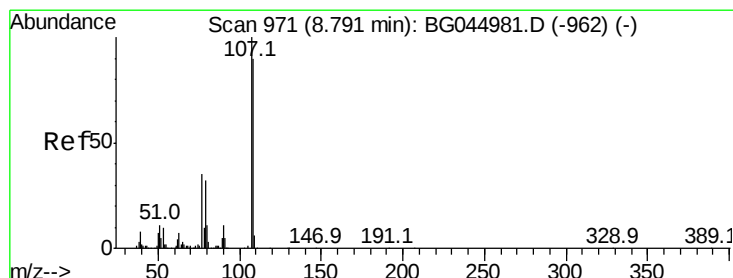
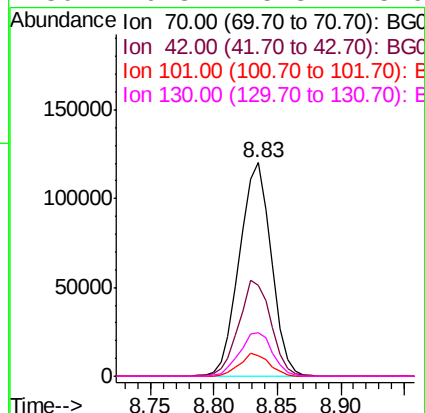
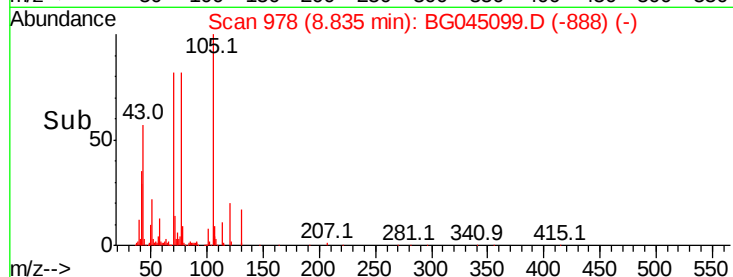
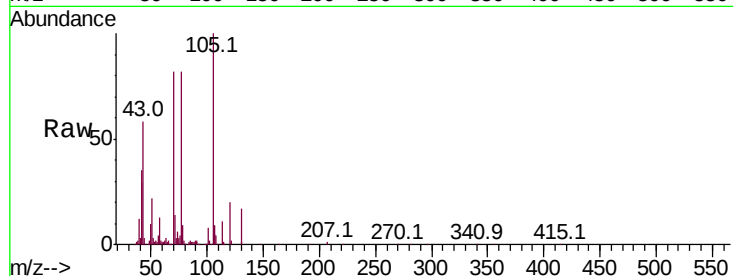




#19
n-Nitroso-di-n-propylamine
Concen: 45.792 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

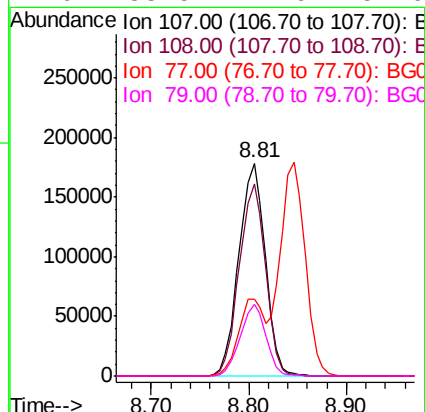
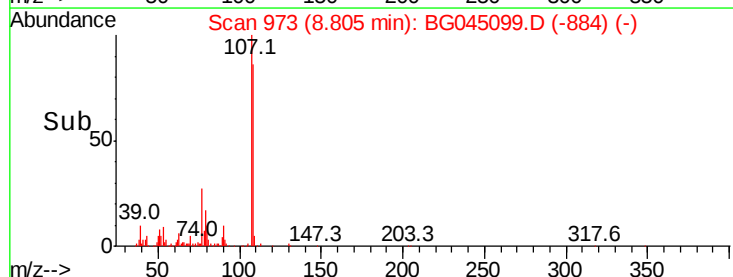
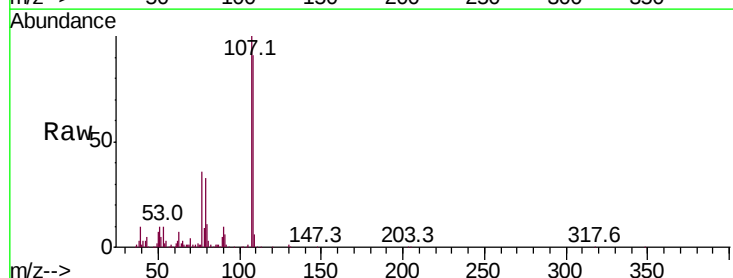
Instrument :
BNA_G
ClientSampleId :
S-2MS

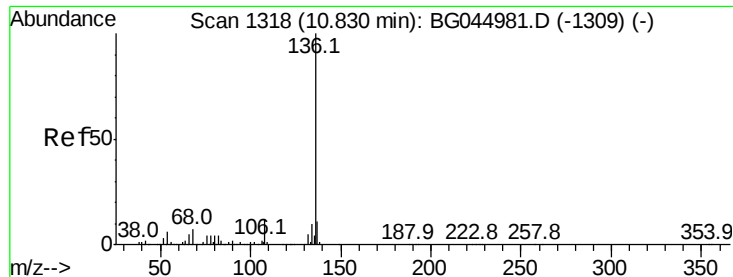
Tot Ion:	70	Resp:	209838
Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.3	49.9
101	9.5	7.8	11.8
130	20.3	15.8	23.6



#20
3+4-Methylphenols
Concen: 48.120 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion:	107	Resp:	336956
Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.9	109.9
77	36.1	15.2	55.2
79	33.5	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

Tot Ion:136 Resp: 320952

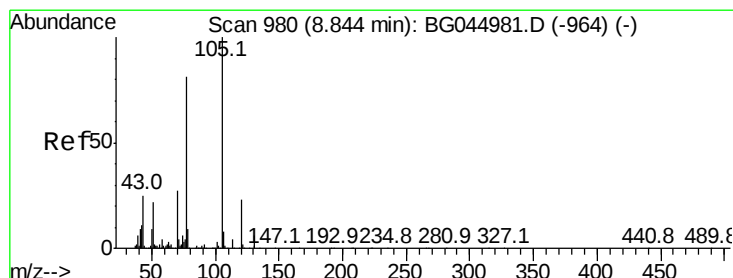
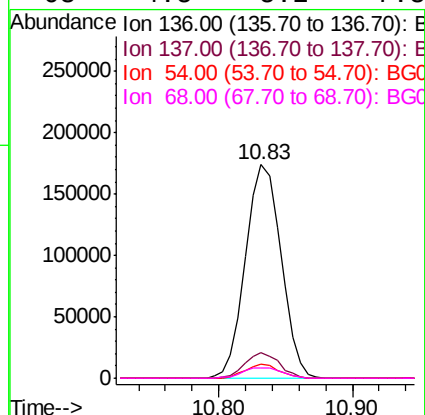
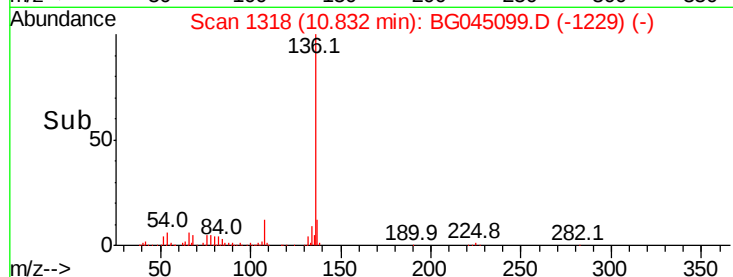
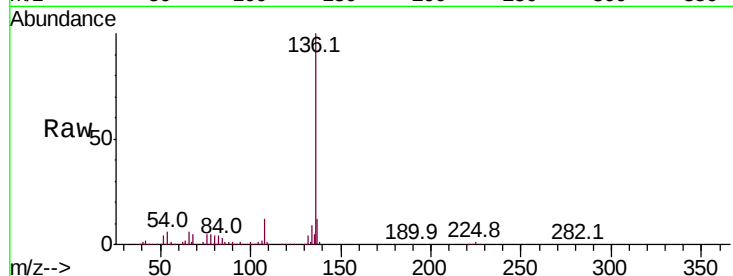
Ion Ratio Lower Upper

136 100

137 12.1 8.6 13.0

54 6.4 4.8 7.2

68 4.5 5.2 7.8#



#22

Acetophenone

Concen: 45.695 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion:105 Resp: 396607

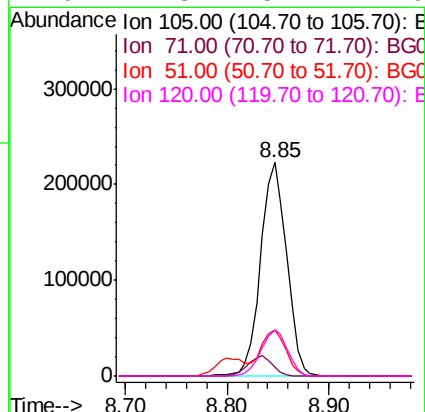
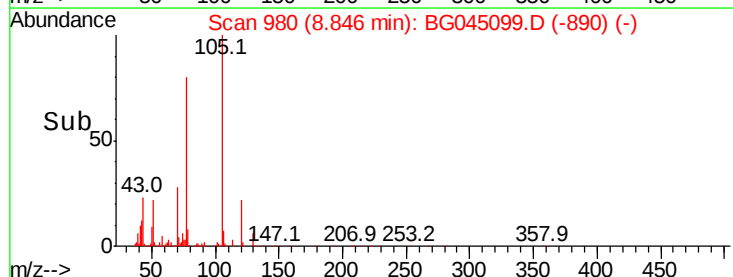
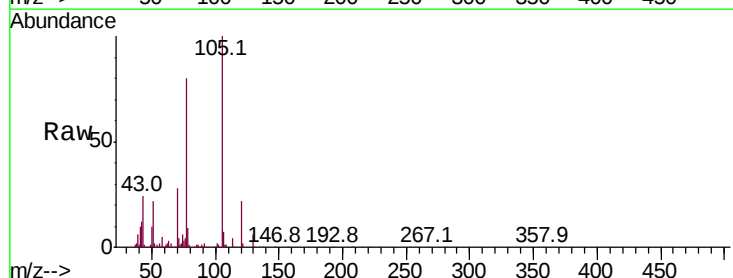
Ion Ratio Lower Upper

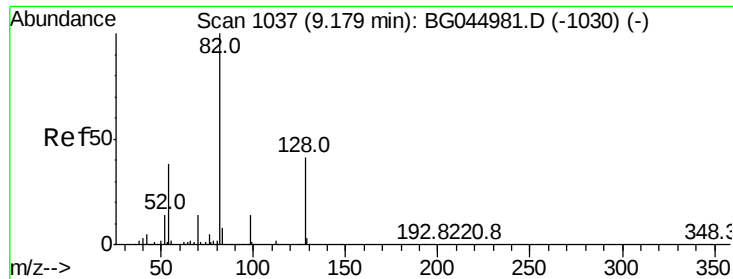
105 100

71 4.3 3.3 4.9

51 21.6 17.3 25.9

120 21.8 18.4 27.6

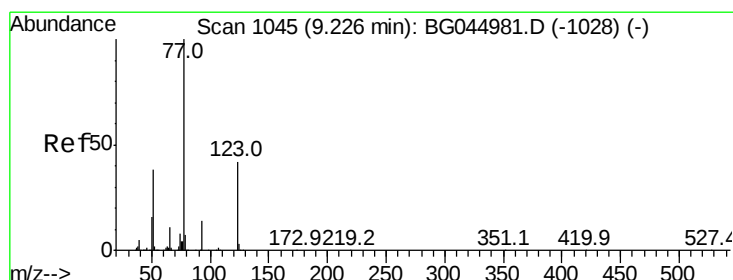
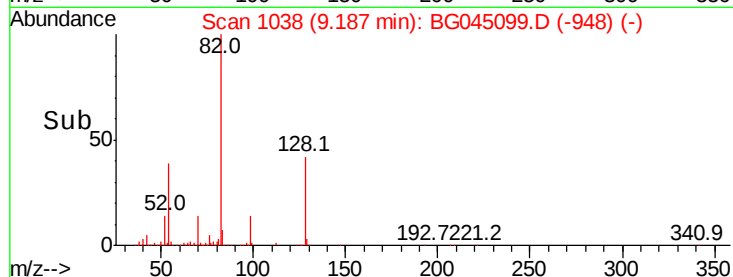
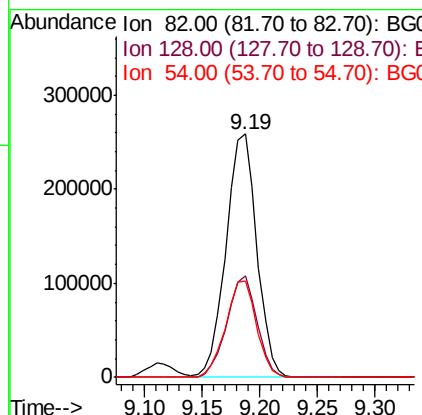
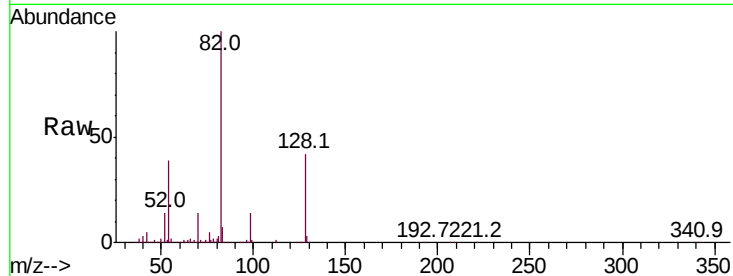




#23
 Nitrobenzene-d5
 Concen: 67.869 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

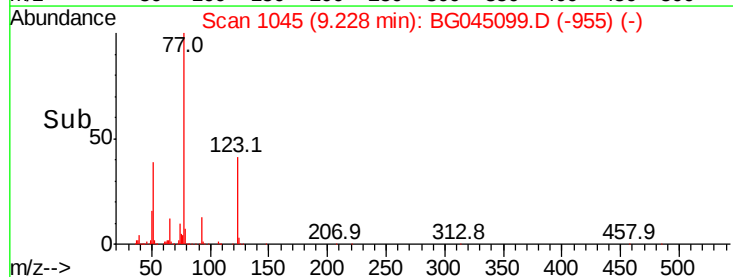
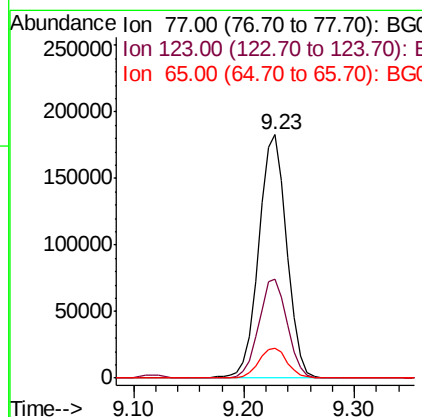
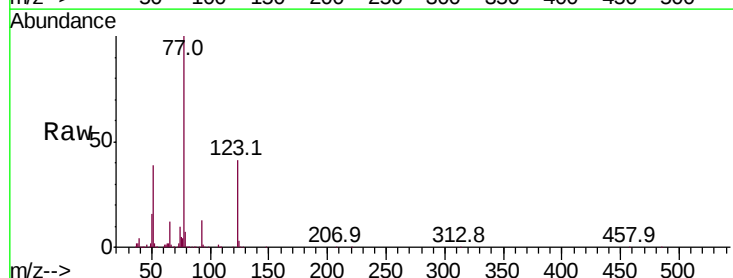
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

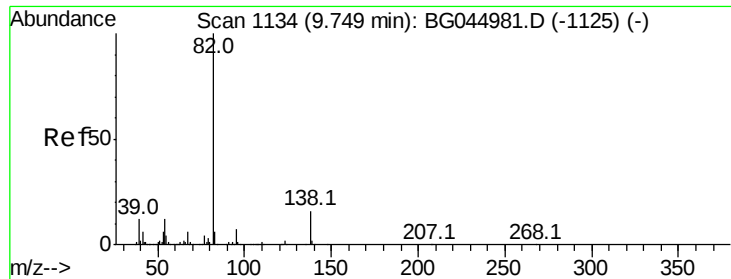
Tot Ion	82	Resp	477392
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.0	49.4
54	39.5	30.4	45.6



#24
 Nitrobenzene
 Concen: 45.022 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion	77	Resp	324611
Ion Ratio	Lower	Upper	
77	100		
123	40.9	34.3	51.5
65	12.2	8.9	13.3





#25

Isophorone

Concen: 42.515 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

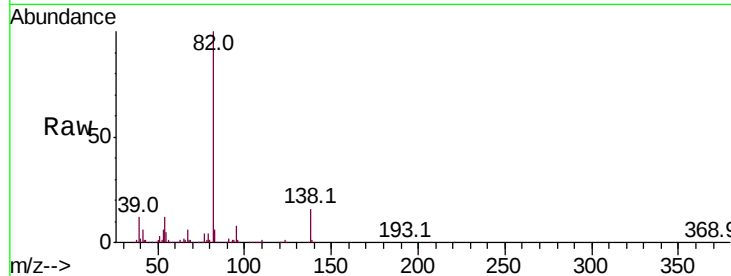
Tot Ion: 82 Resp: 612417

Ion Ratio Lower Upper

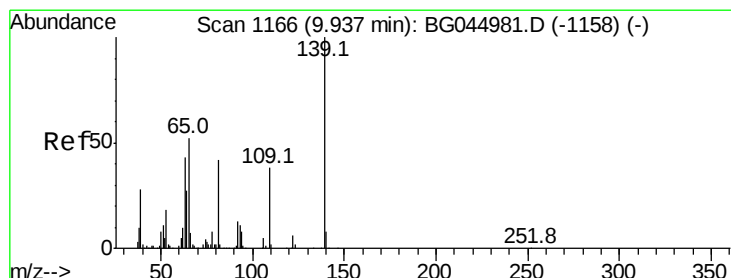
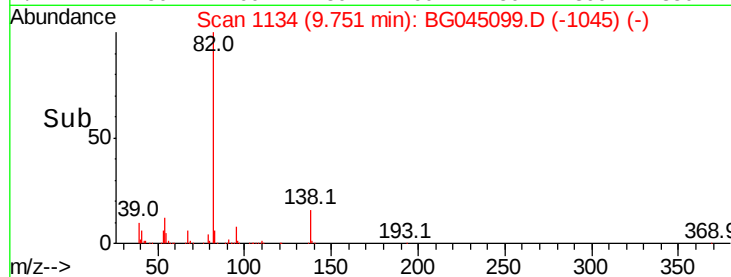
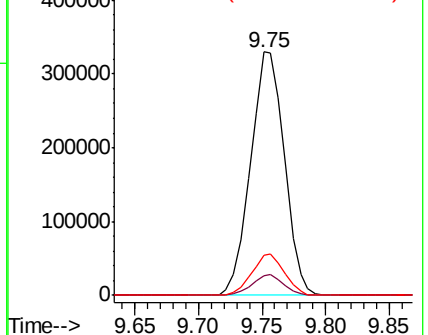
82 100

95 7.9 6.0 9.0

138 16.4 12.7 19.1



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: 50.874 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

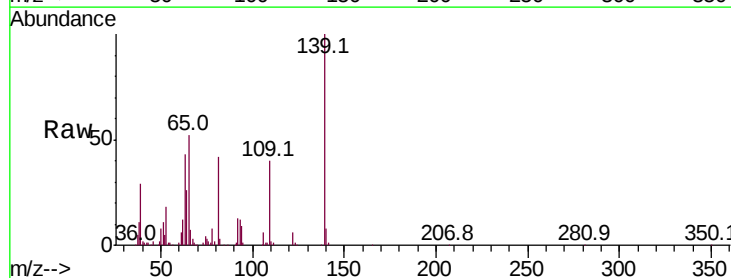
Tgt Ion: 139 Resp: 158002

Ion Ratio Lower Upper

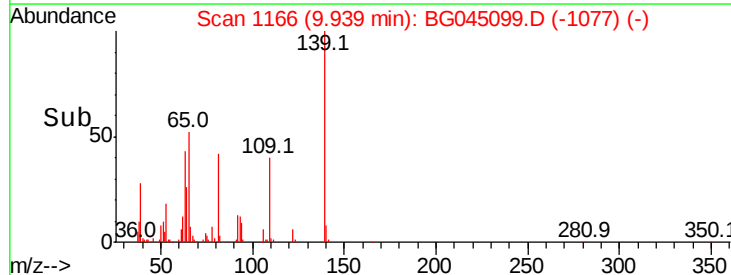
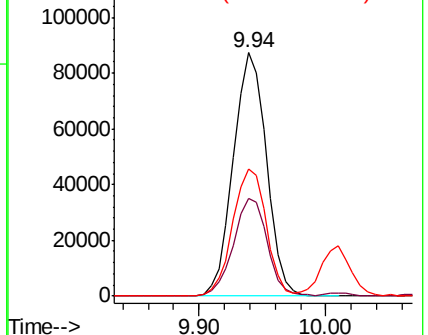
139 100

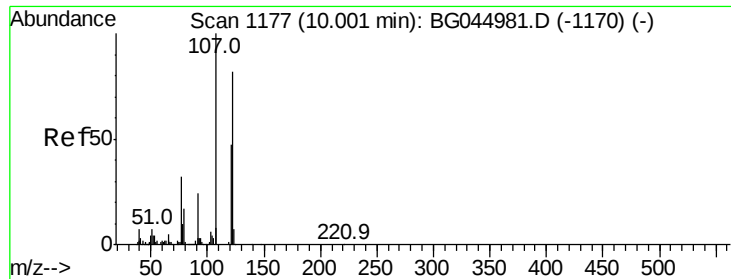
109 40.1 30.6 45.8

65 52.2 41.8 62.6



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

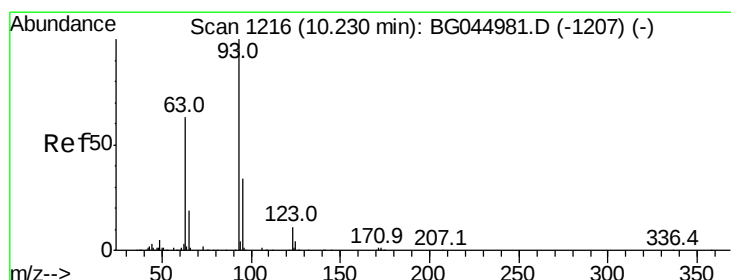
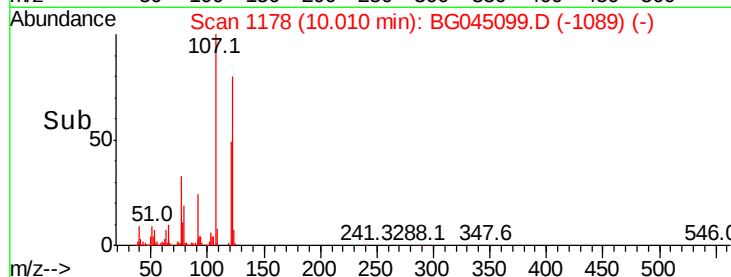
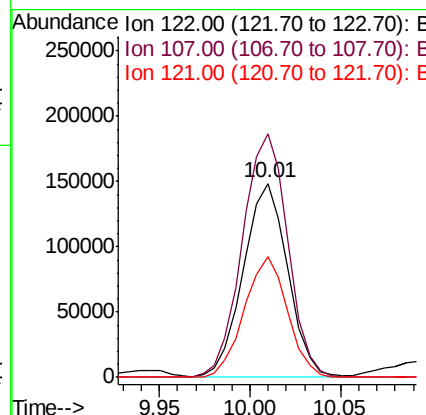
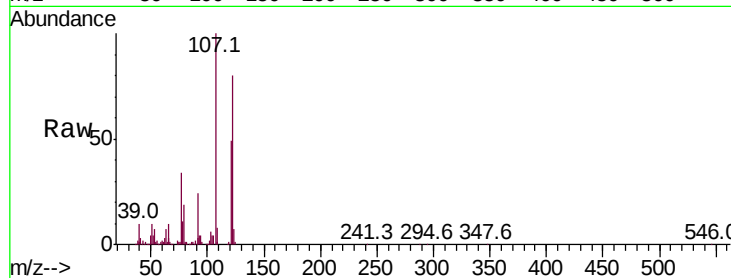




#27
2,4-Dimethylphenol
Concen: 51.535 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

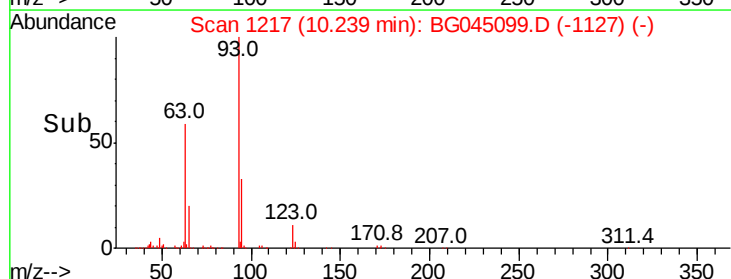
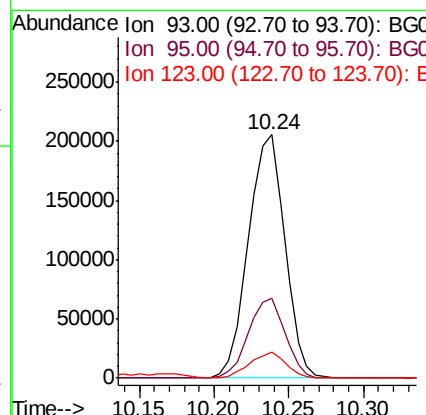
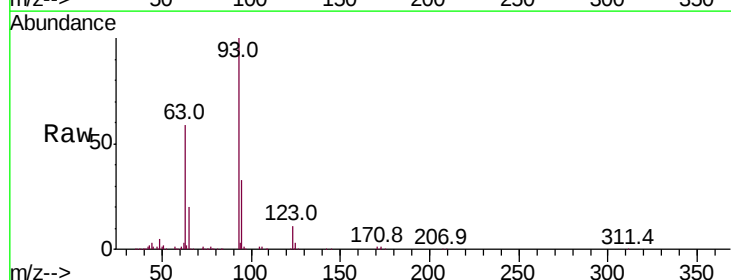
Instrument :
BNA_G
ClientSampled :
S-2MS

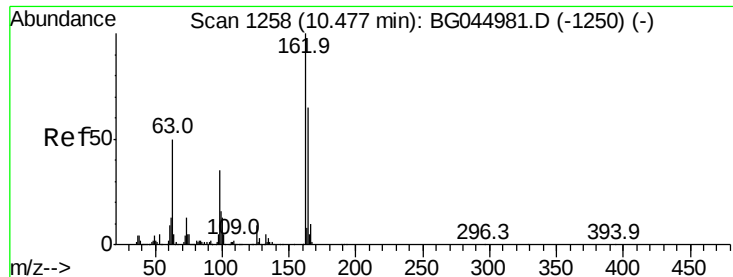
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	96.8	145.2
121	62.0	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.947 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.0	40.4
123	10.5	8.7	13.1

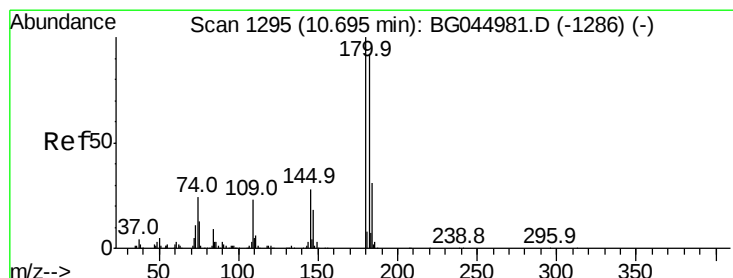
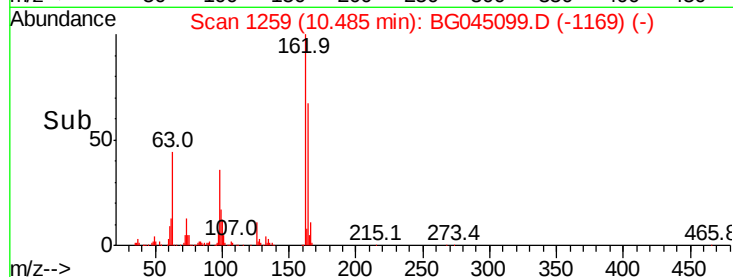
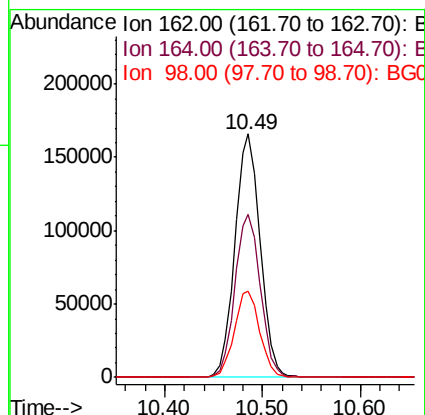
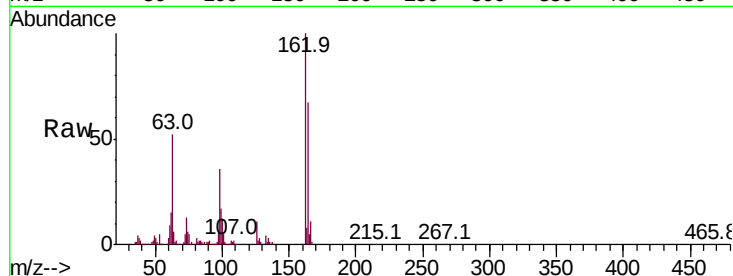




#29
 2,4-Dichlorophenol
 Concen: 52.187 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

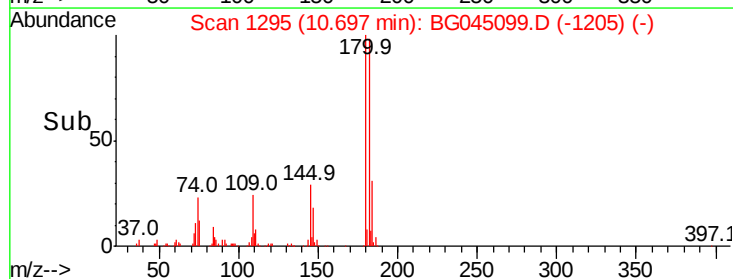
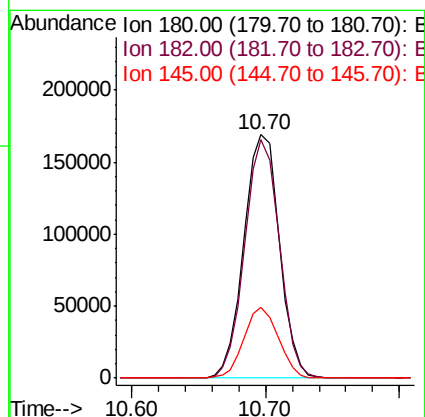
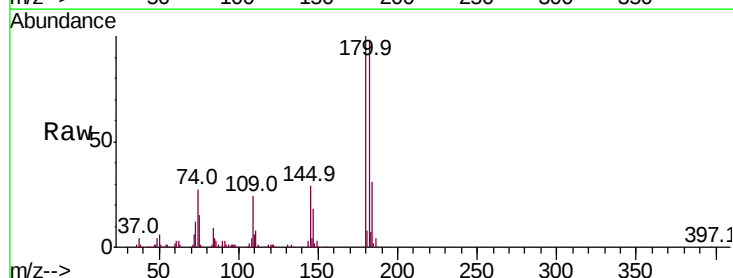
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

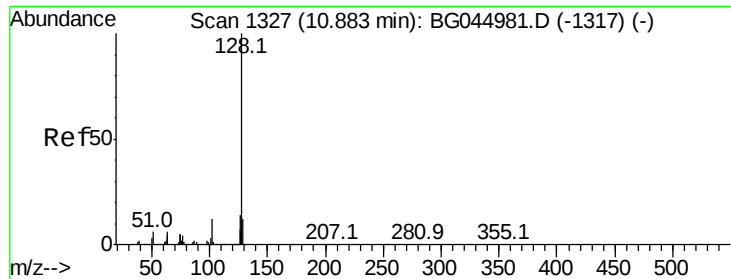
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	45.0	85.0
98	35.6	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.271 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	73.3	109.9
145	28.9	22.6	33.8

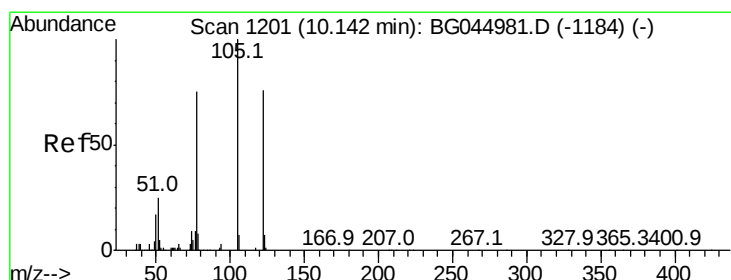
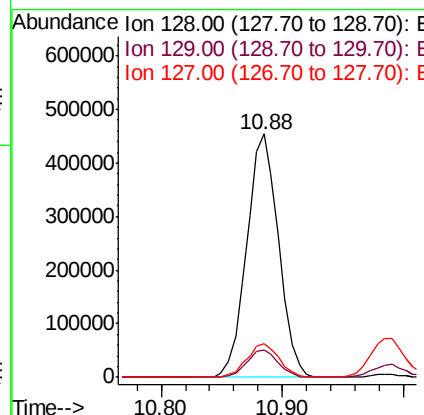
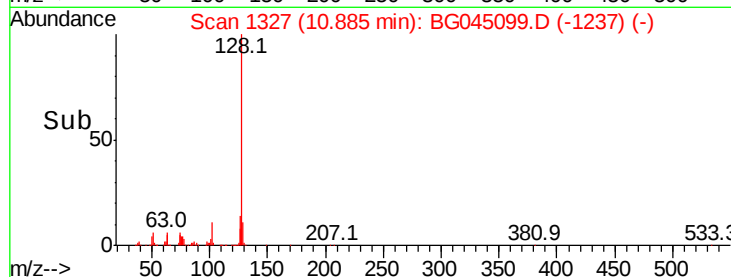
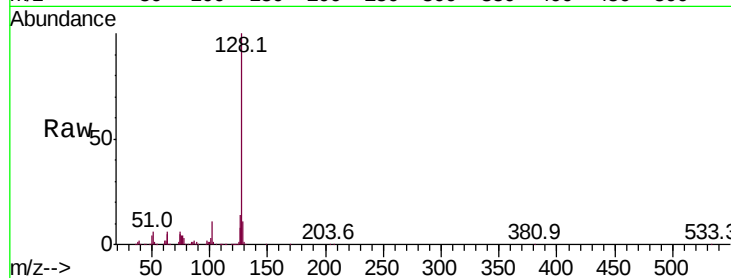




#31
Naphthalene
Concen: 47.203 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

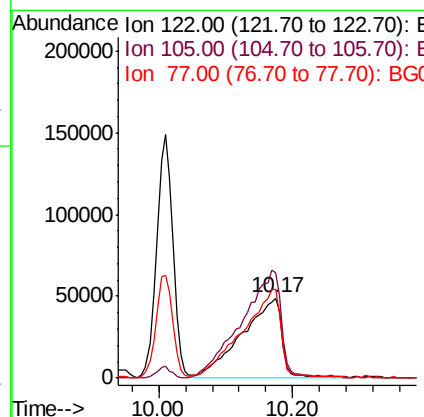
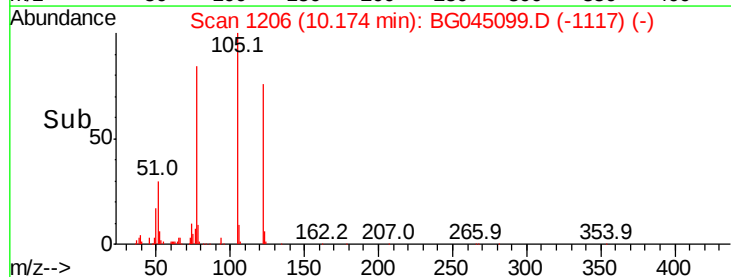
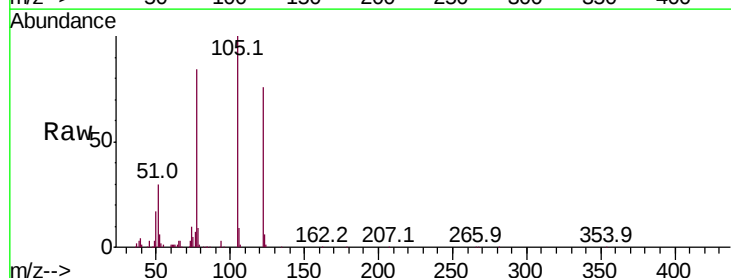
Instrument :
BNA_G
ClientSampleId :
S-2MS

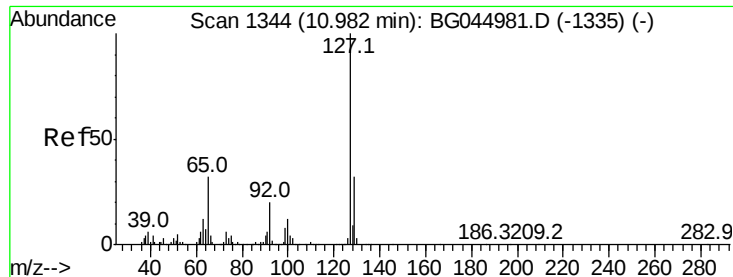
Tot Ion:128 Resp: 828774
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 49.897 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion:122 Resp: 199795
Ion Ratio Lower Upper
122 100
105 131.5 108.4 148.4
77 110.3 78.8 118.8

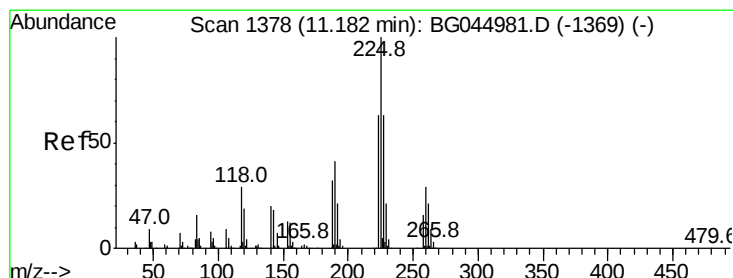
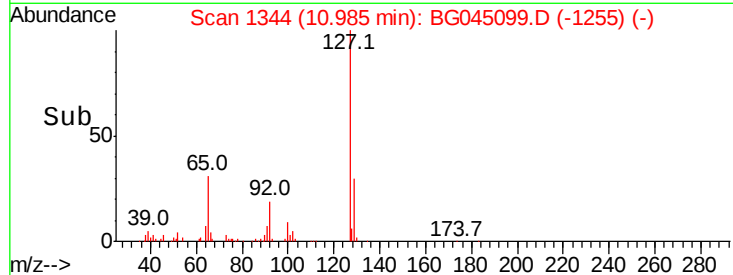
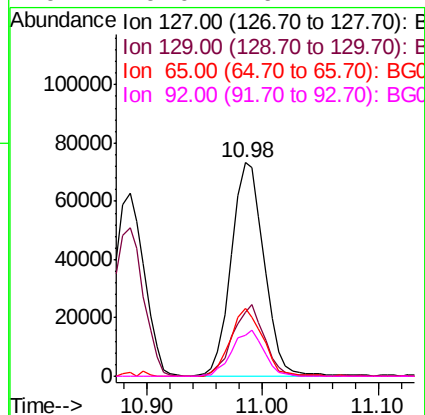
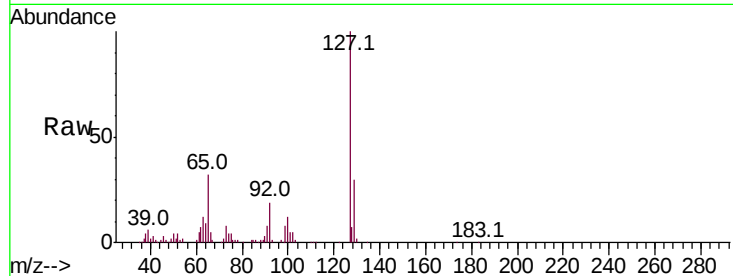




#33
4-Chloroaniline
Concen: 17.626 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

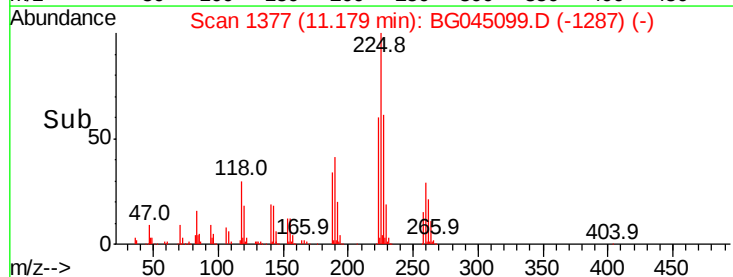
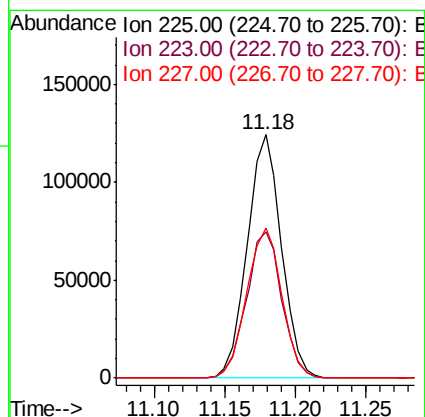
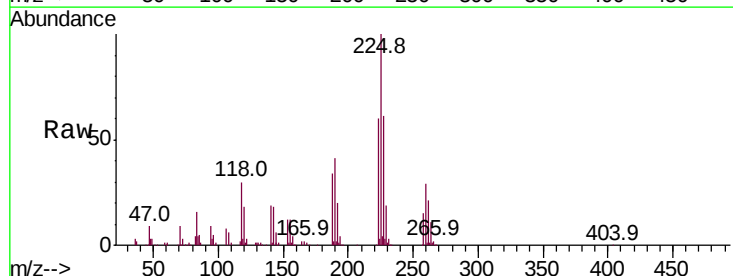
Instrument :
BNA_G
ClientSampleId :
S-2MS

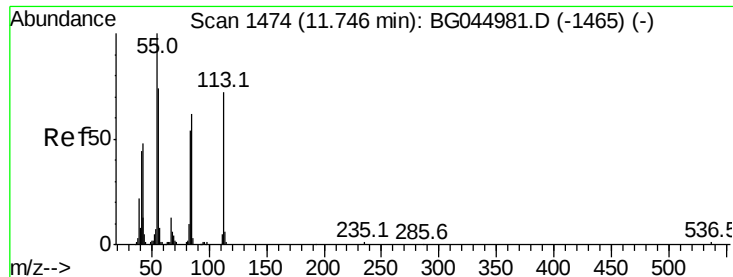
Tot Ion:	127	Resp:	144329
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.7	38.5
65	31.6	25.4	38.2
92	19.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 47.764 ng
RT: 11.18 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion:	225	Resp:	210975
Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.7	76.1
227	61.5	50.2	75.2

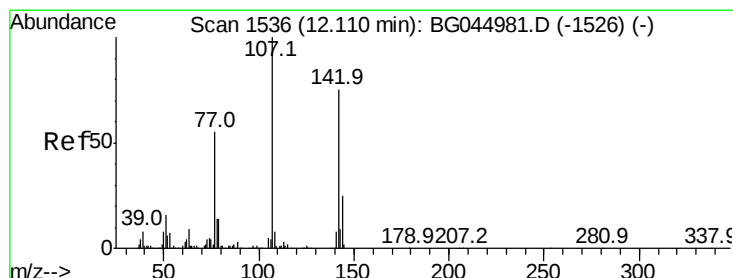
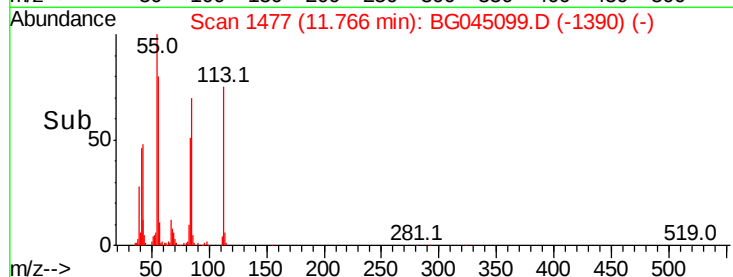
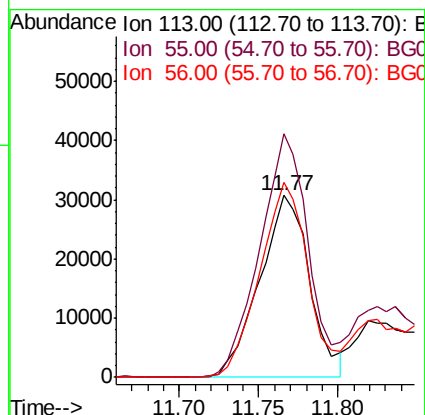
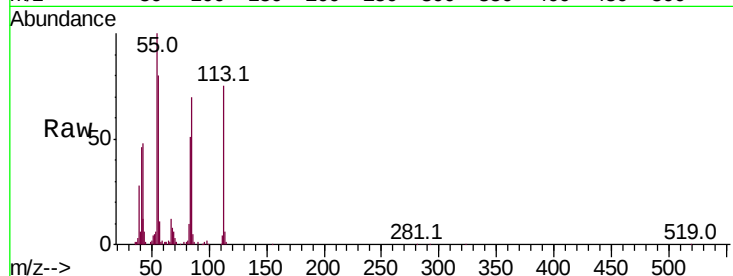




#35
 Caprolactam
 Concen: 29.649 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

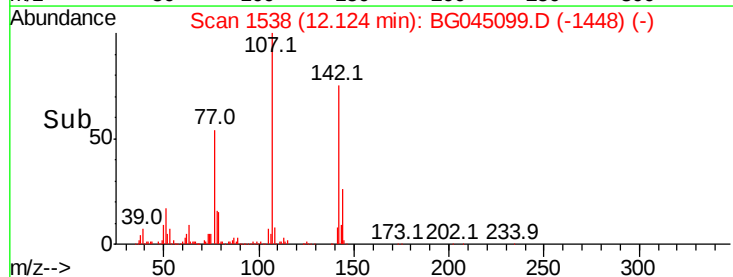
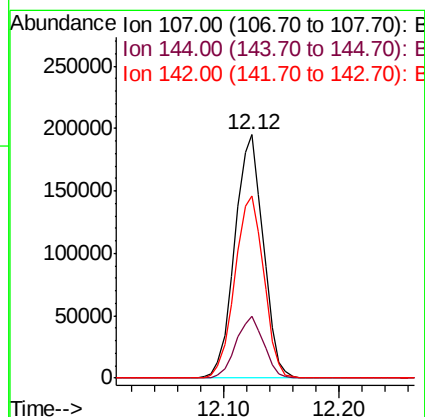
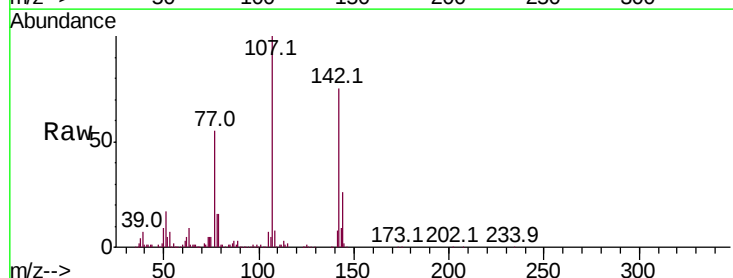
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

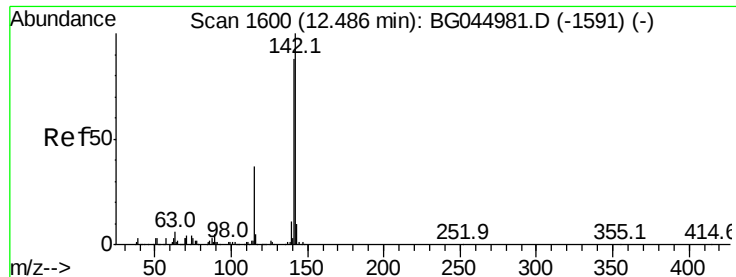
Tot Ion:113 Resp: 67144
 Ion Ratio Lower Upper
 113 100
 55 133.7 118.8 158.8
 56 107.0 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.840 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion:107 Resp: 333156
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.8 29.6
 142 74.8 59.7 89.5

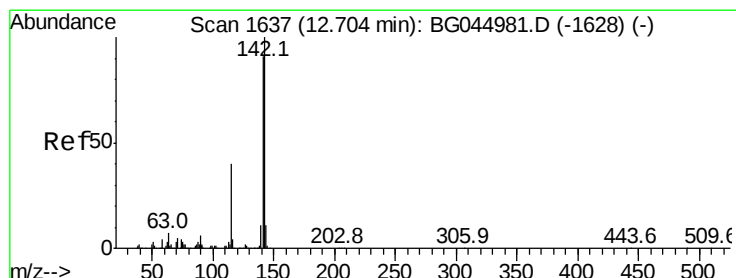
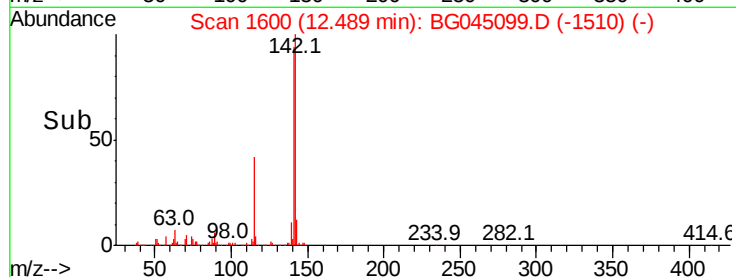
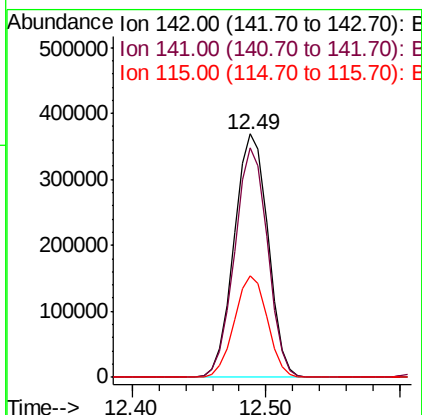
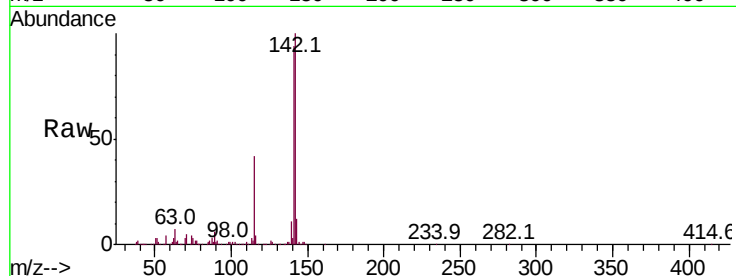




#37
2-Methylnaphthalene
Concen: 47.526 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

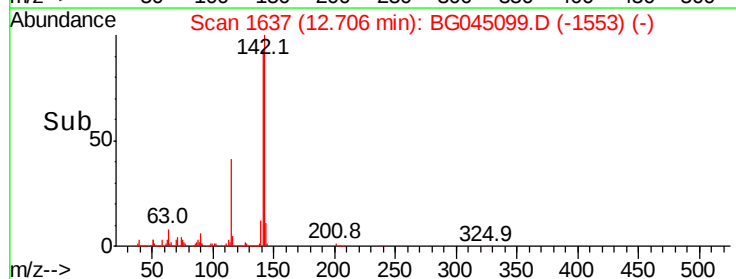
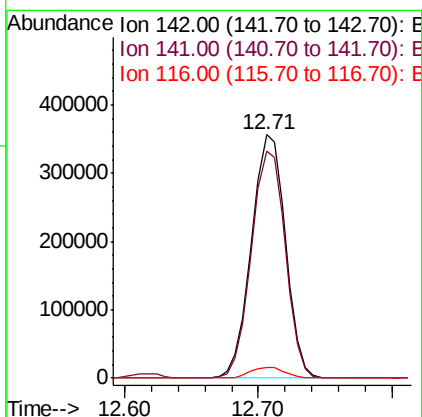
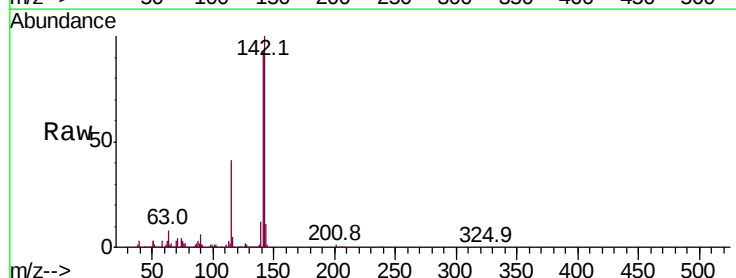
Instrument :
BNA_G
ClientSampleId :
S-2MS

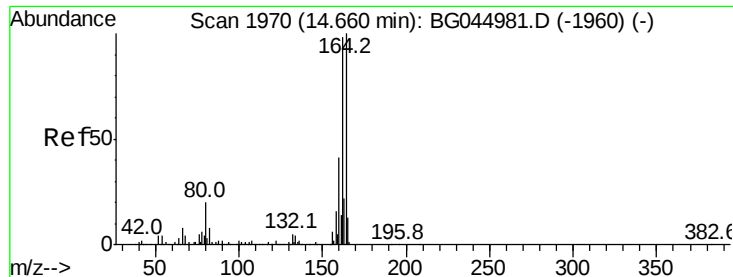
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.3	105.5
115	41.6	29.8	44.6



#38
1-Methylnaphthalene
Concen: 48.608 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.7	109.1
116	4.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

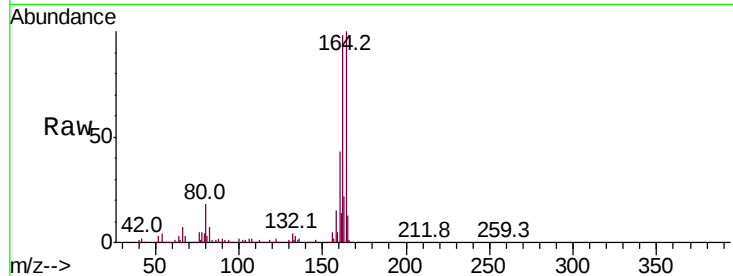
Tot Ion:164 Resp: 240947

Ion Ratio Lower Upper

164 100

162 98.1 78.7 118.1

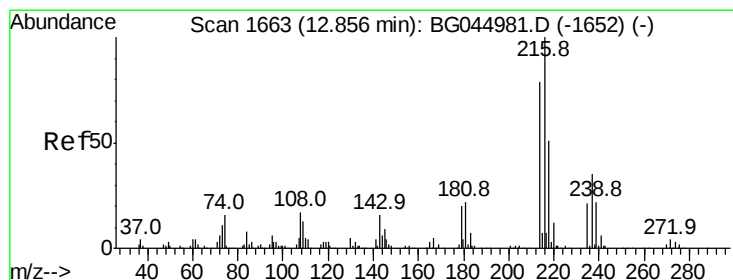
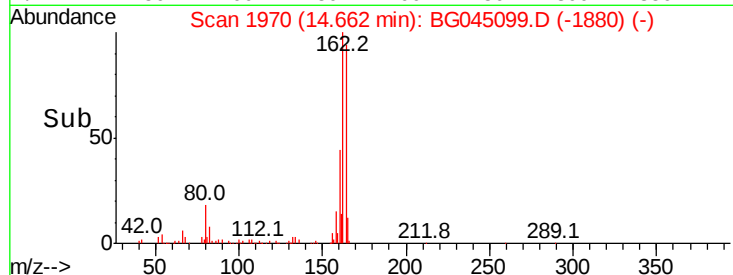
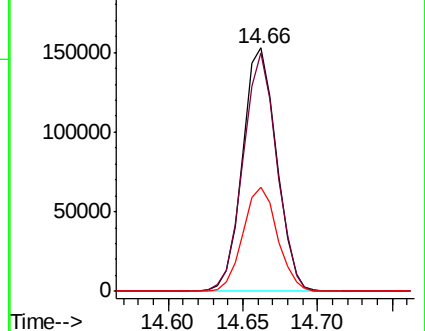
160 43.0 32.8 49.2



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: 47.682 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion:216 Resp: 369912

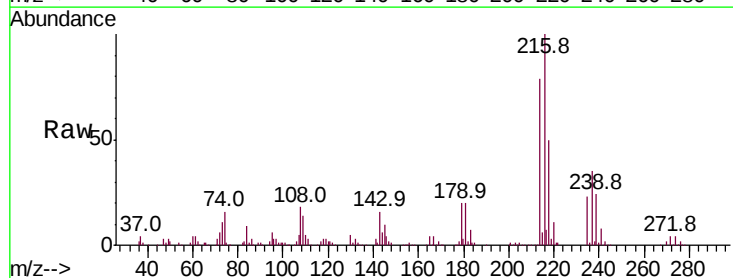
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 19.7 15.8 23.8

108 18.0 14.2 21.2

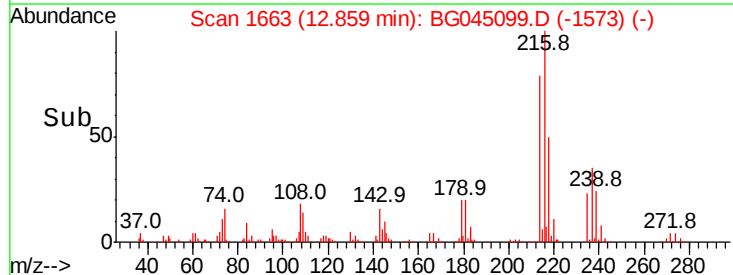
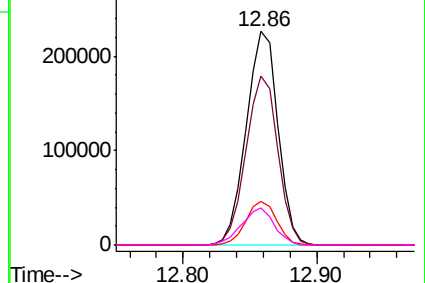


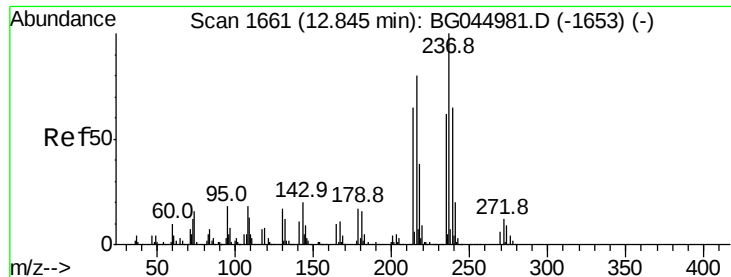
Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.594 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

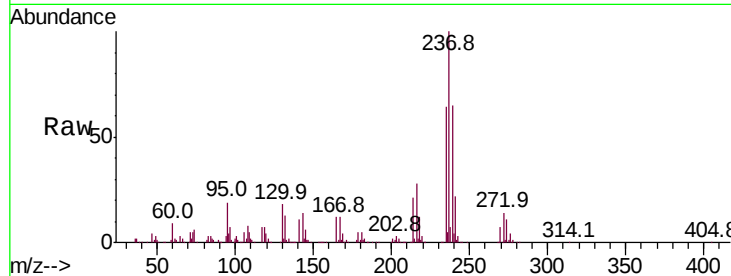
Tot Ion:237 Resp: 356840

Ion Ratio Lower Upper

237 100

235 64.2 41.6 81.6

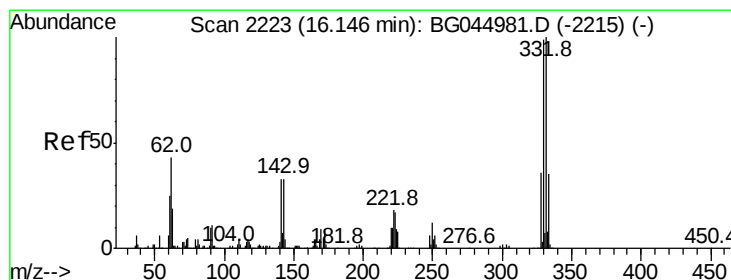
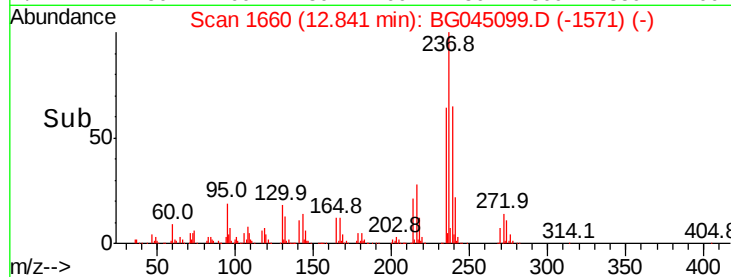
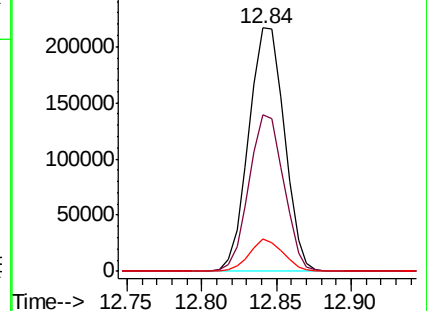
272 13.5 0.0 32.1



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: 126.155 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

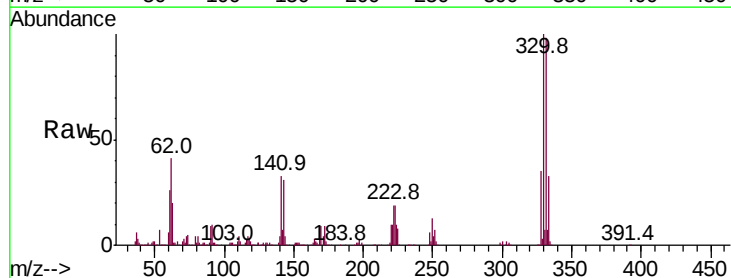
Tgt Ion:330 Resp: 469587

Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

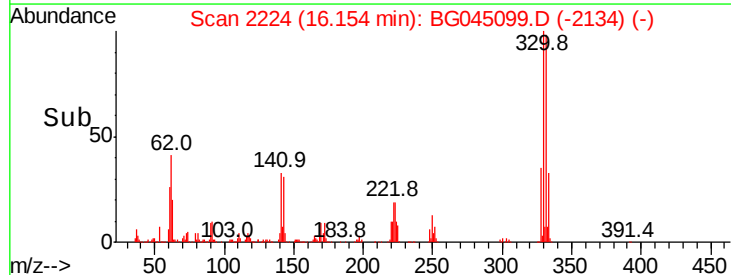
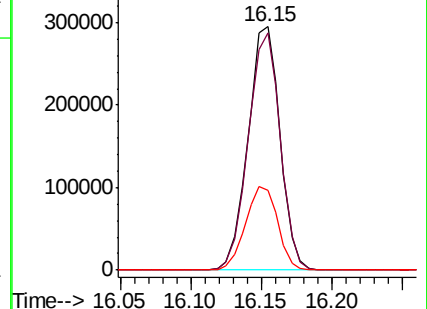
141 34.4 27.1 40.7

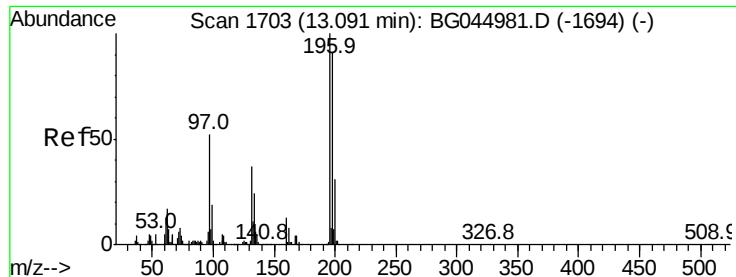


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

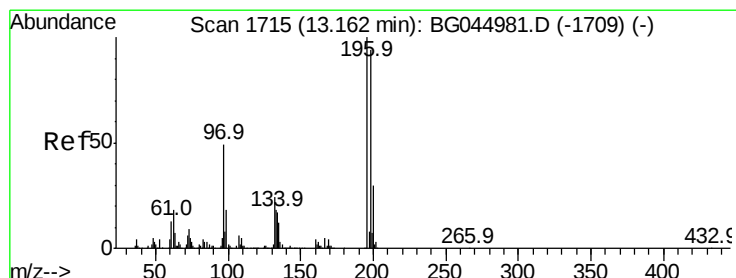
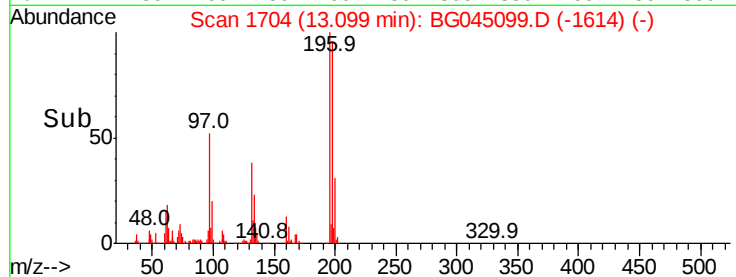
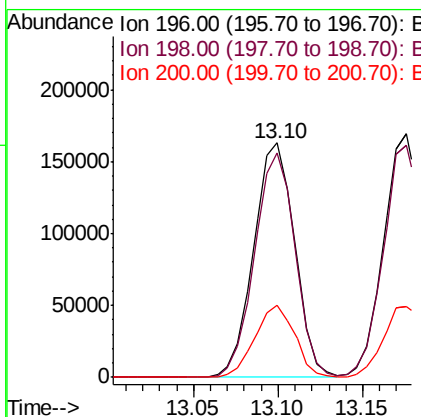
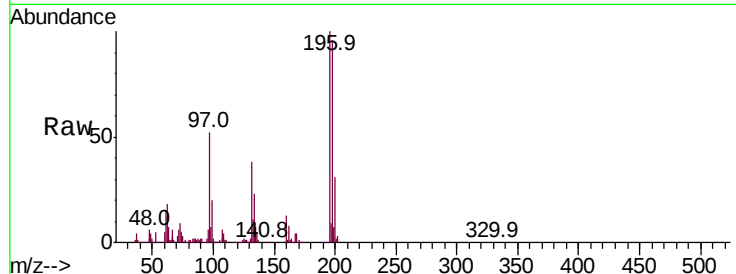




#43
 2,4,6-Trichlorophenol
 Concen: 50.242 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

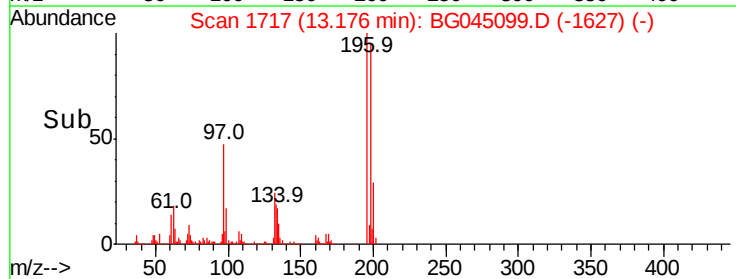
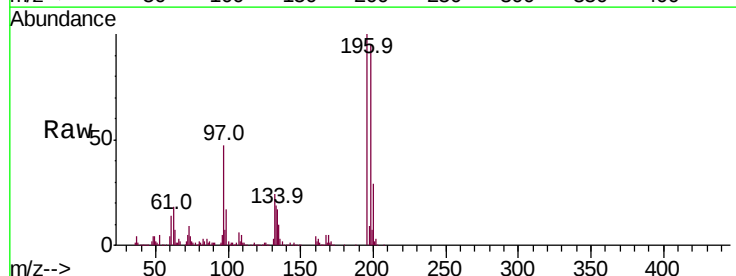
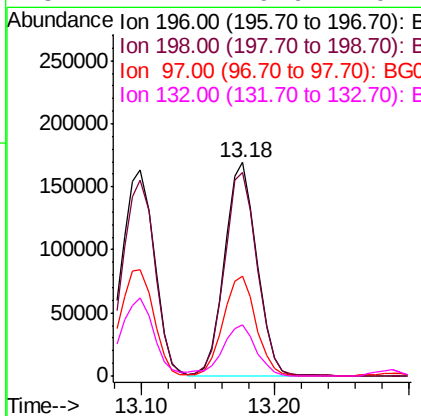
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

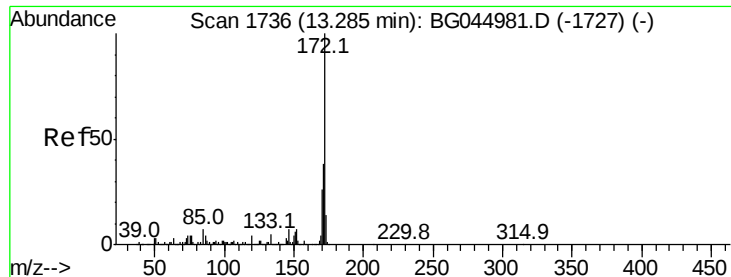
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	72.5	108.7
200	30.9	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 45.802 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
97	46.7	39.6	59.4
132	24.2	19.6	29.4

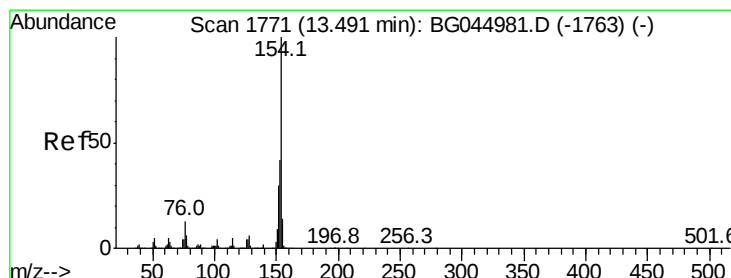
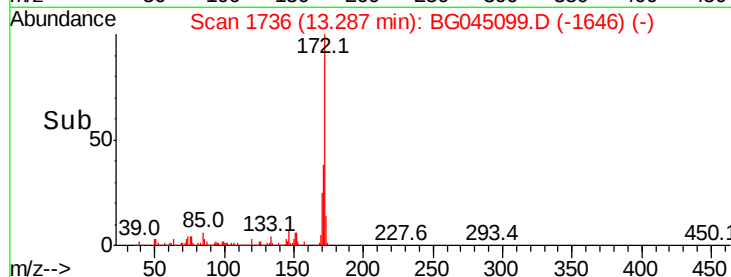
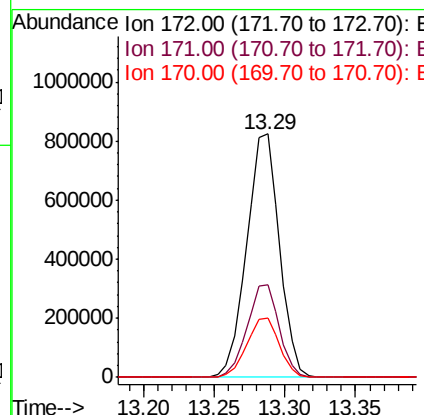
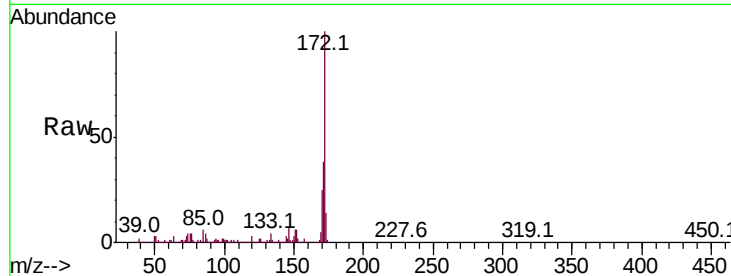




#45
2-Fluorobiphenyl
Concen: 81.199 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

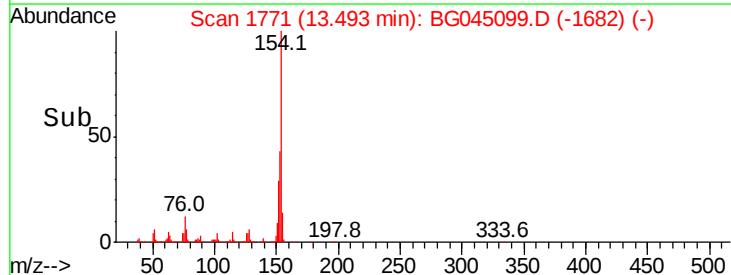
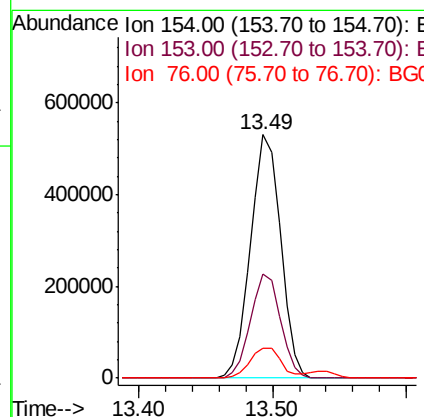
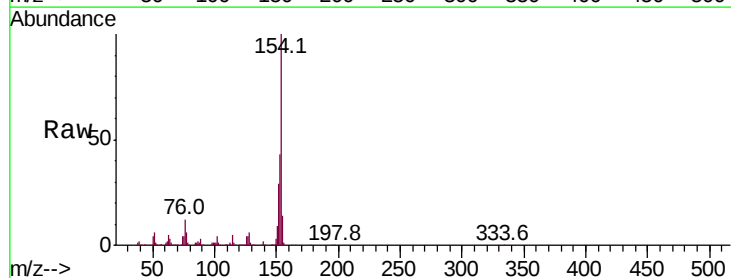
Instrument :
BNA_G
ClientSampleId :
S-2MS

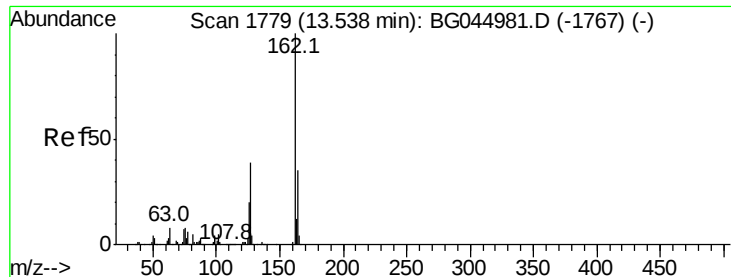
Tot Ion:172 Resp: 1334274
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 24.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 45.005 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion:154 Resp: 824206
Ion Ratio Lower Upper
154 100
153 43.0 21.9 61.9
76 12.4 0.0 33.1





#47

2-Chloronaphthalene

Concen: 46.581 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

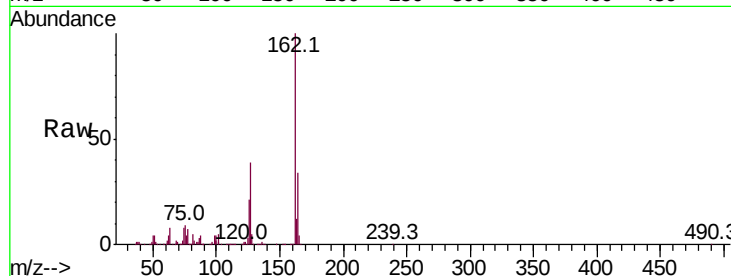
Tot Ion:162 Resp: 651834

Ion Ratio Lower Upper

162 100

127 38.7 31.3 46.9

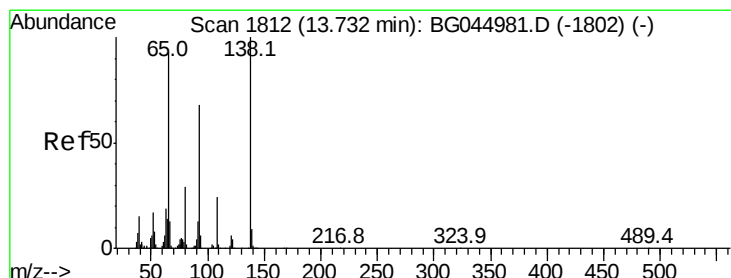
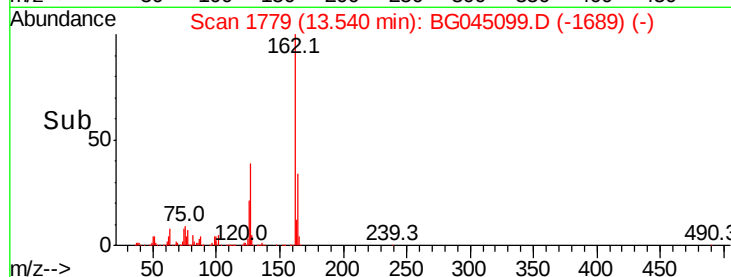
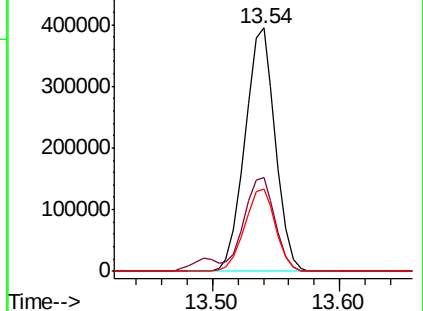
164 33.7 27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.749 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

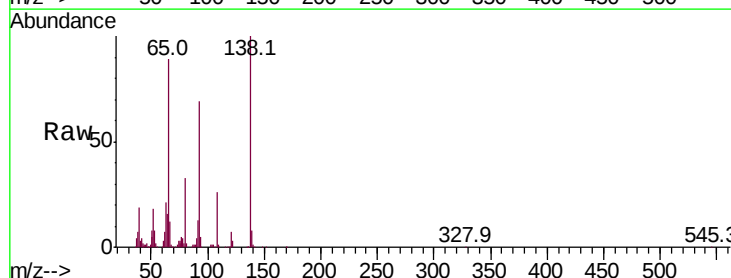
Tgt Ion: 65 Resp: 206030

Ion Ratio Lower Upper

65 100

92 77.7 58.3 87.5

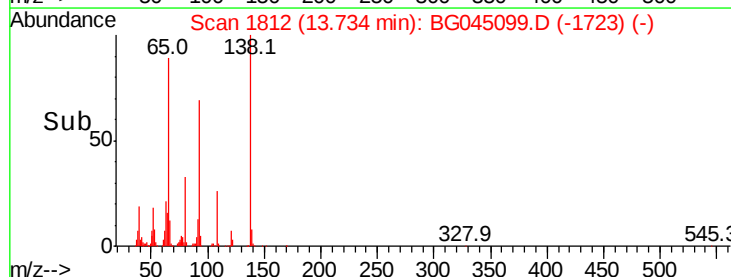
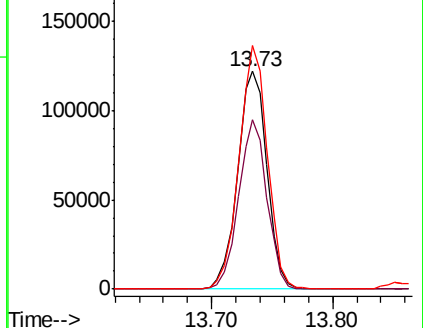
138 111.8 85.6 128.4

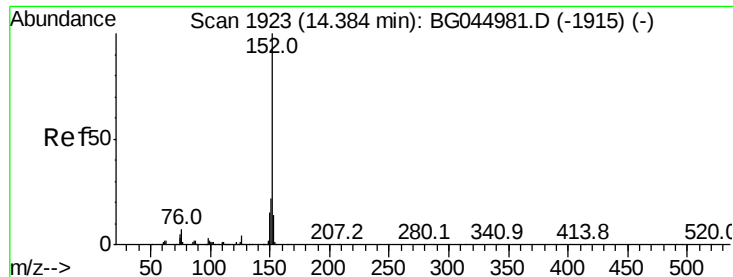


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.492 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

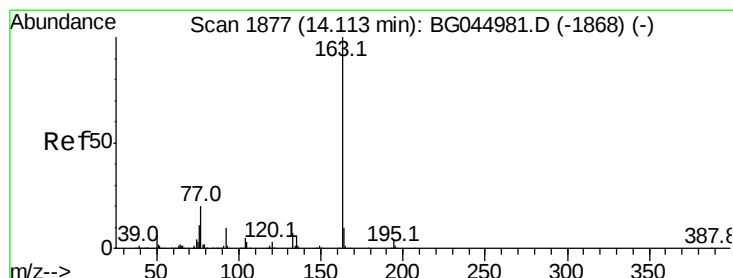
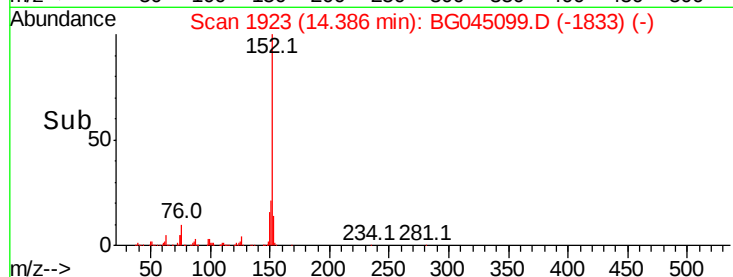
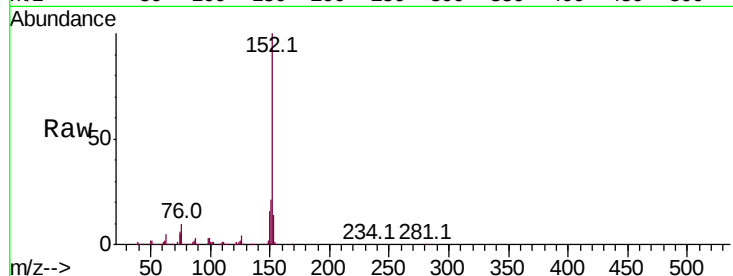
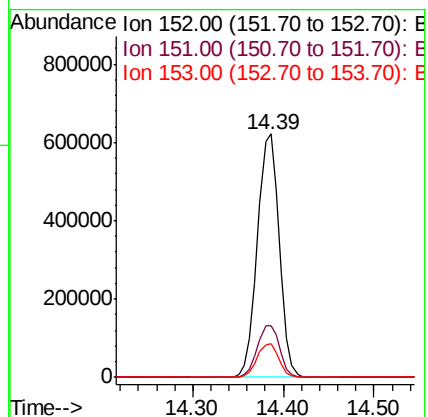
BNA_G

ClientSampleId :

S-2MS

Tot Ion:152 Resp: 1036916

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	13.8	11.0	16.4



#50

Dimethylphthalate

Concen: 50.143 ng

RT: 14.12 min Scan# 1877

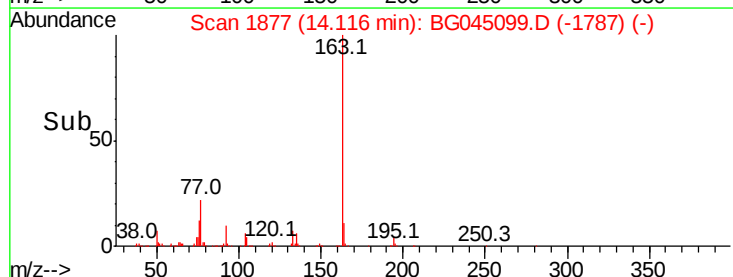
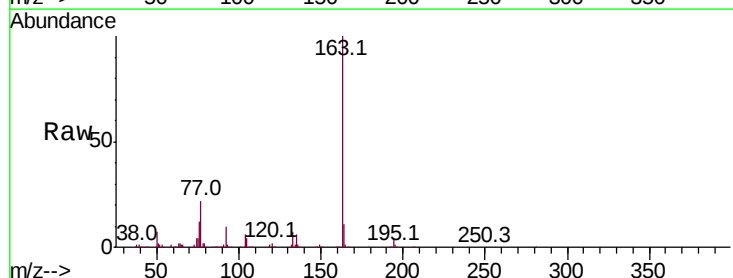
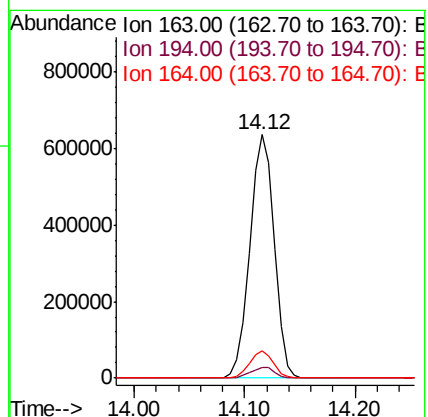
Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion:163 Resp: 983762

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	11.4	8.2	12.4

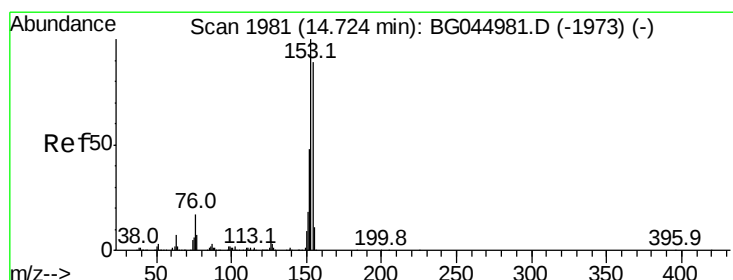
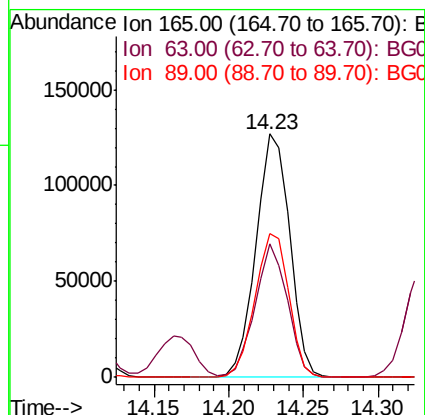
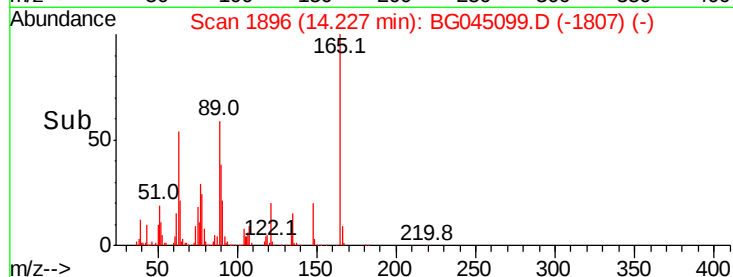
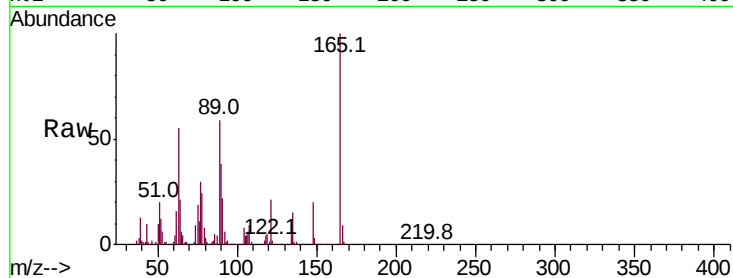




#51
 2,6-Dinitrotoluene
 Concen: 45.126 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

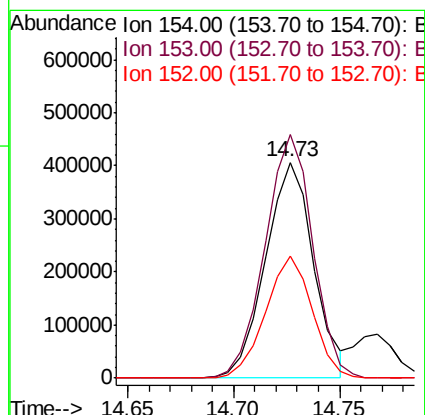
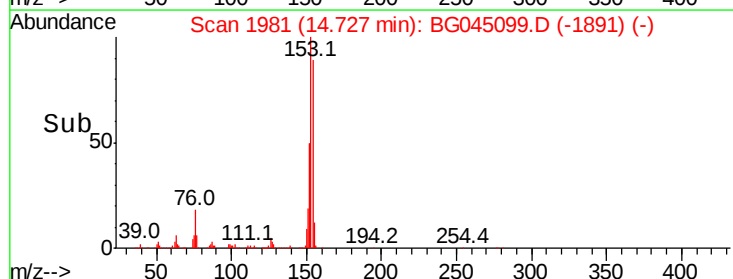
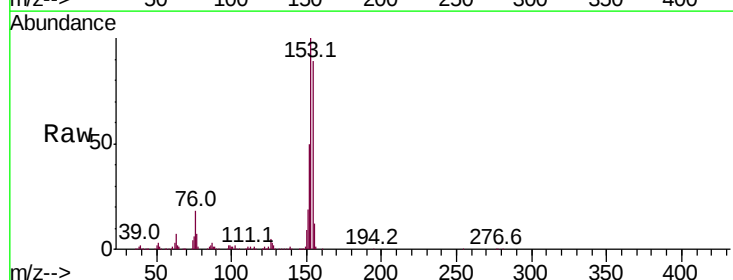
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

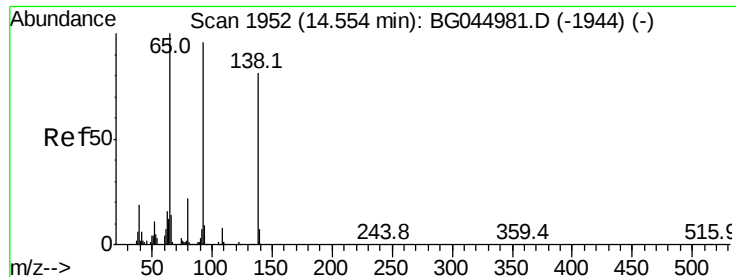
Tot Ion:165 Resp: 198023
 Ion Ratio Lower Upper
 165 100
 63 54.7 40.4 60.6
 89 59.1 49.1 73.7



#52
 Acenaphthene
 Concen: 41.814 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion:154 Resp: 644858
 Ion Ratio Lower Upper
 154 100
 153 112.7 89.7 134.5
 152 56.6 43.1 64.7





#53

3-Nitroaniline

Concen: 28.926 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

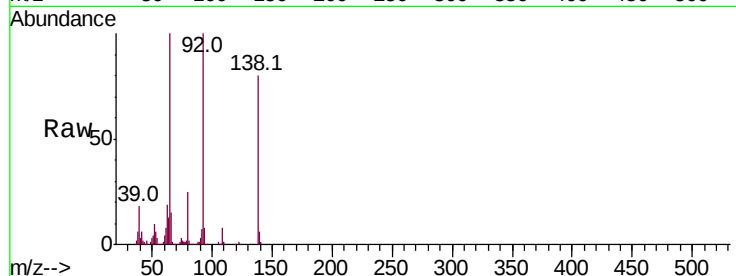
Tot Ion:138 Resp: 139217

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.8

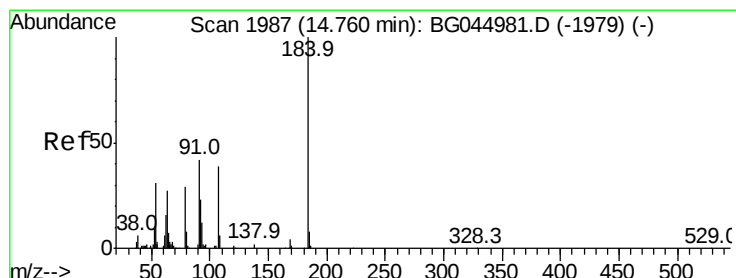
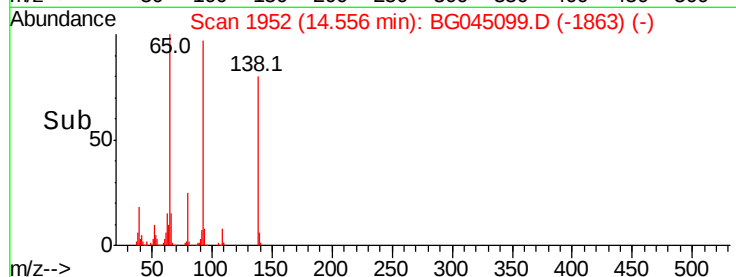
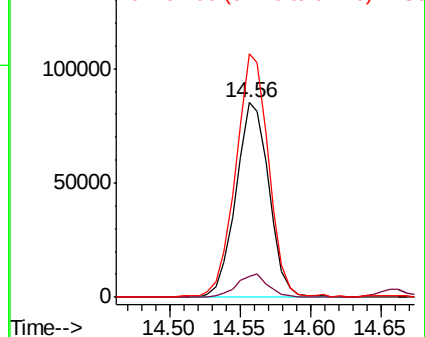
92 124.9 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 75.694 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

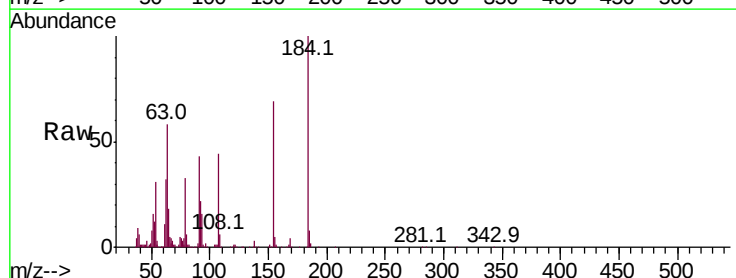
Tgt Ion:184 Resp: 197513

Ion Ratio Lower Upper

184 100

63 57.5 41.5 62.3

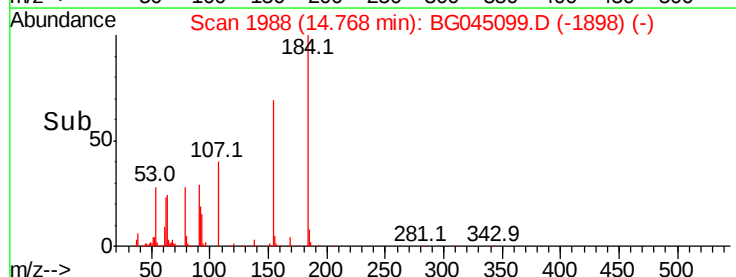
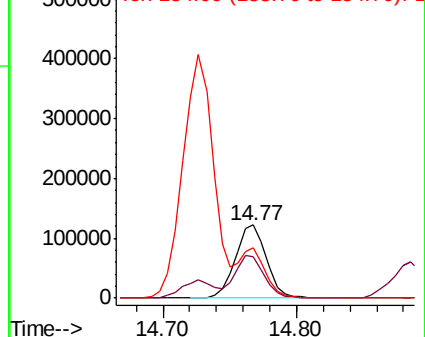
154 68.6 52.3 78.5



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

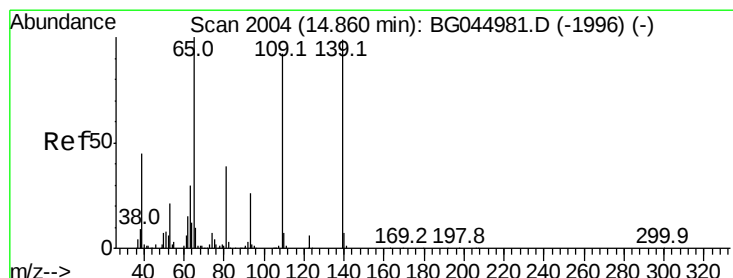
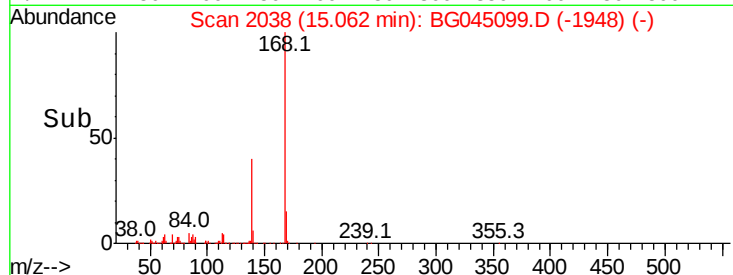
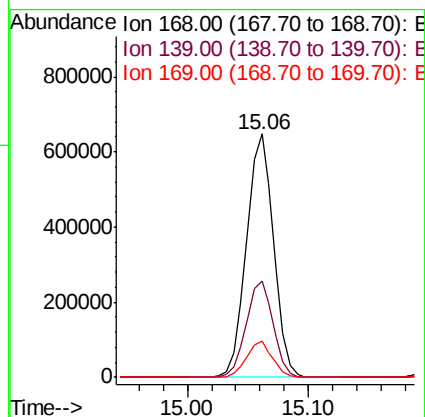
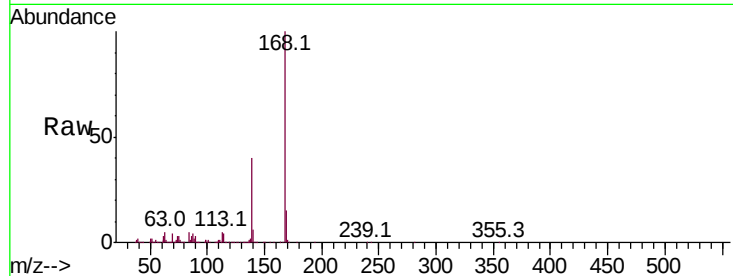




#55
Dibenzenofuran
Concen: 44.960 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

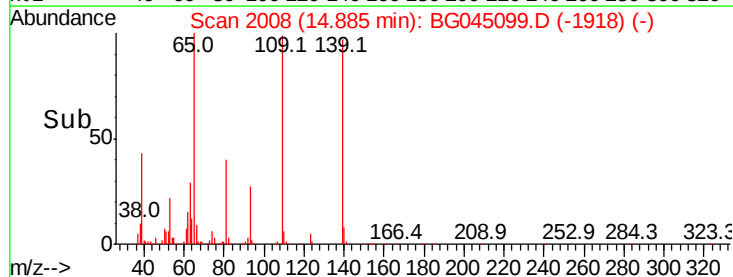
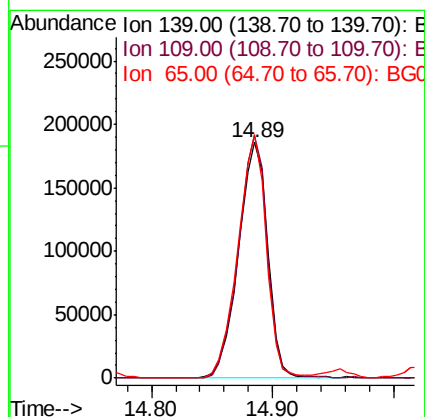
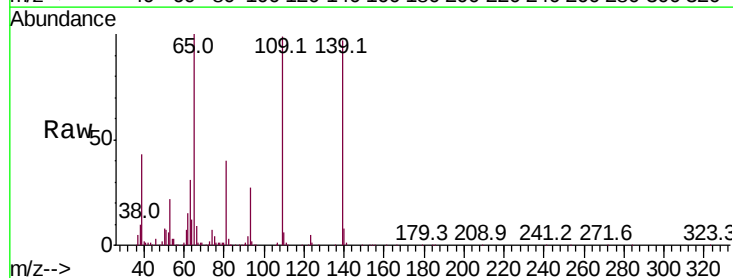
Instrument :
BNA_G
ClientSampleId :
S-2MS

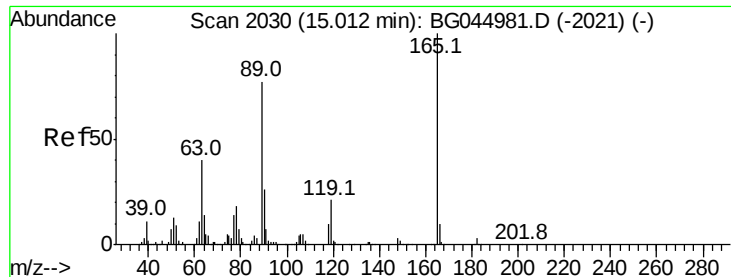
Tot Ion:168 Resp: 1010883
Ion Ratio Lower Upper
168 100
139 39.7 30.4 45.6
169 14.7 11.0 16.4



#56
4-Nitrophenol
Concen: 84.047 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion:139 Resp: 313639
Ion Ratio Lower Upper
139 100
109 102.5 73.6 113.6
65 103.2 81.2 121.2

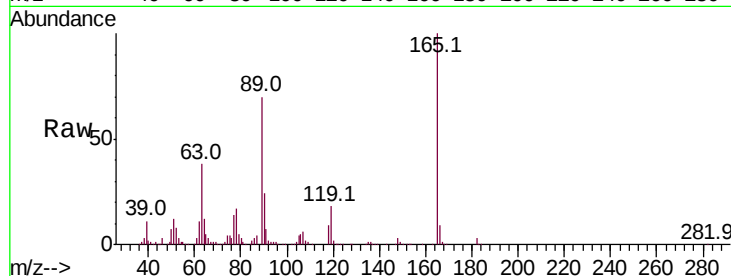




#57
2,4-Dinitrotoluene
Concen: 42.537 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Instrument :
BNA_G
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.3	32.2	48.2
89	70.0	61.7	92.5
182	2.7	2.0	3.0



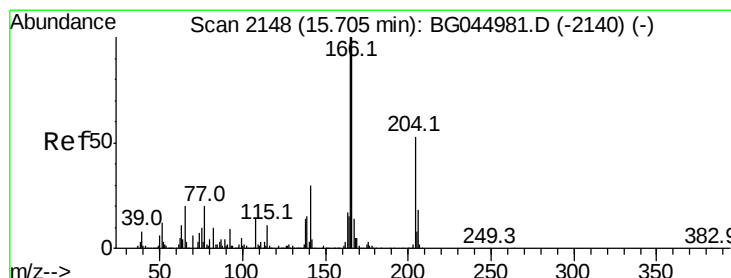
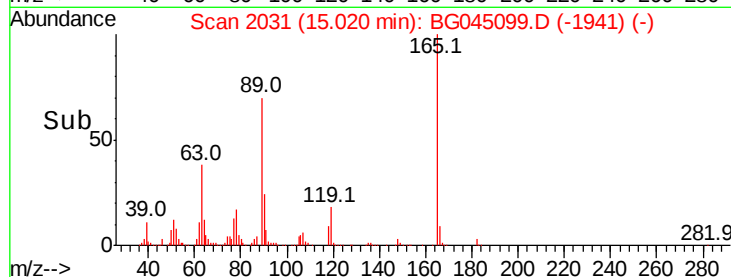
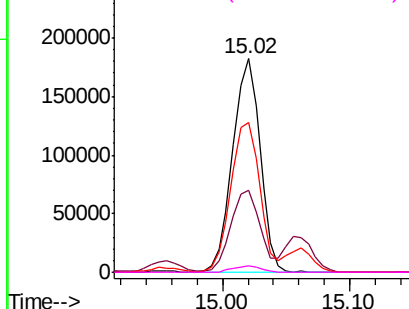
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

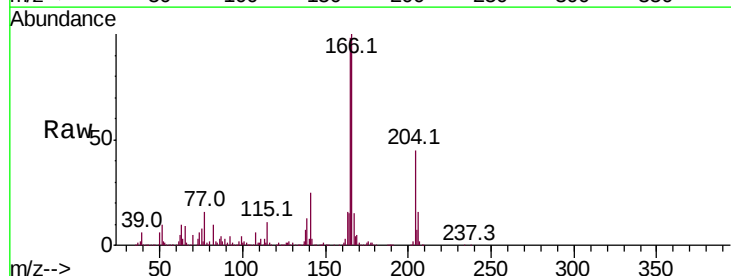
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.922 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.9	119.9
167	15.0	11.4	17.0

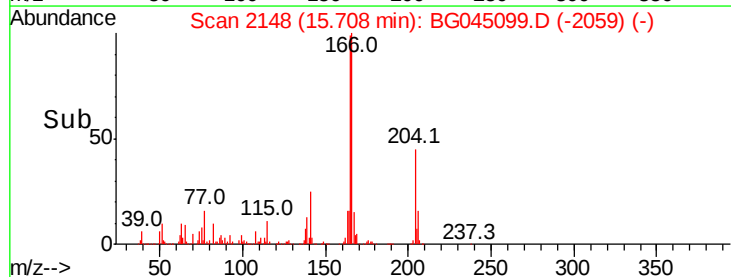
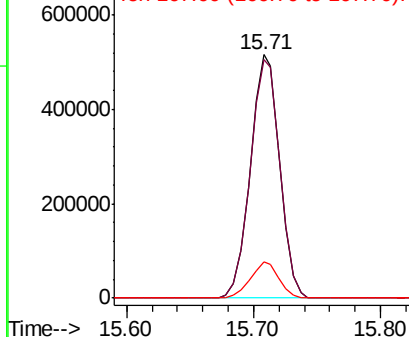


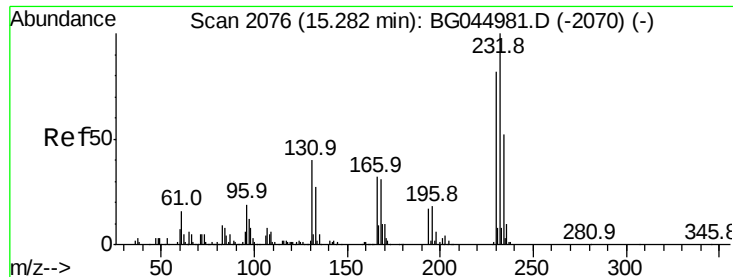
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

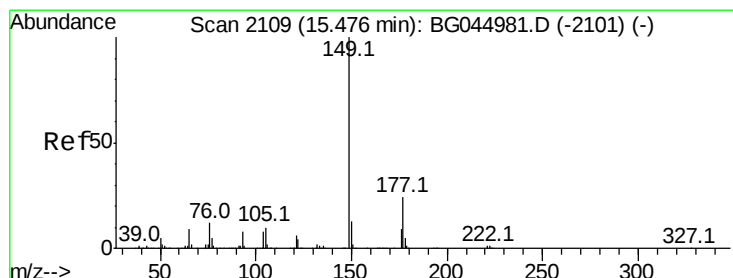
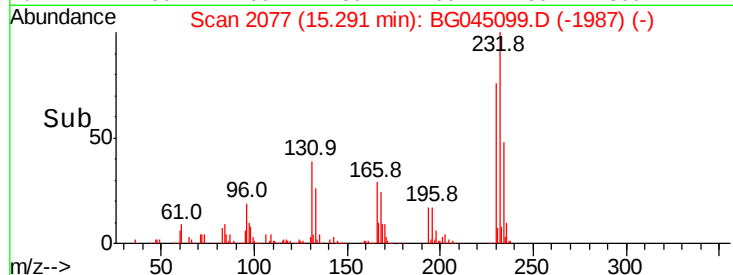
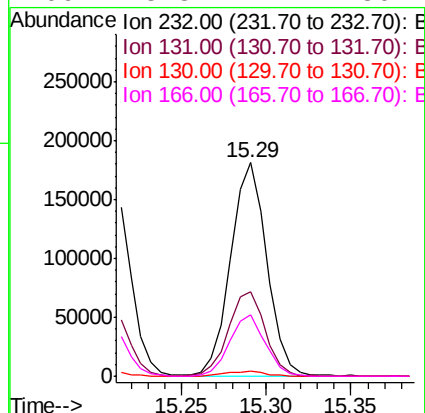
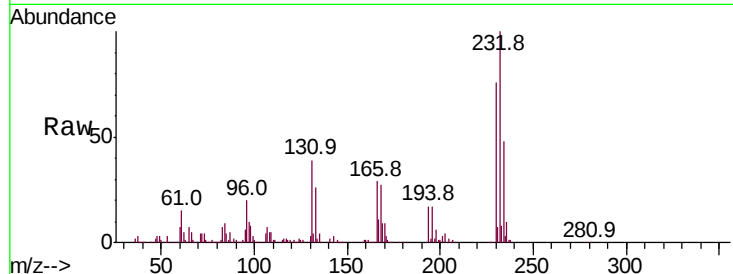




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.385 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

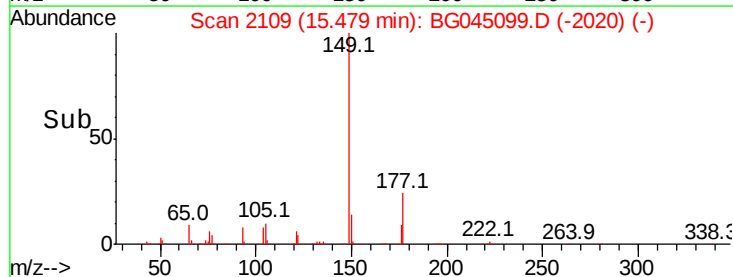
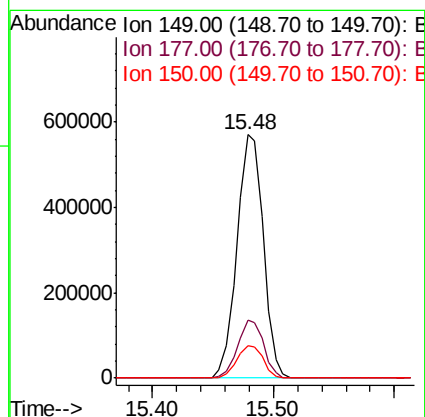
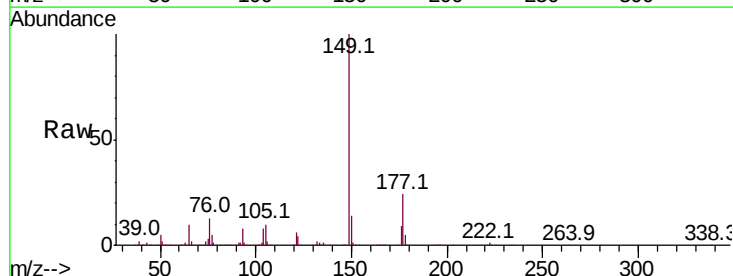
Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

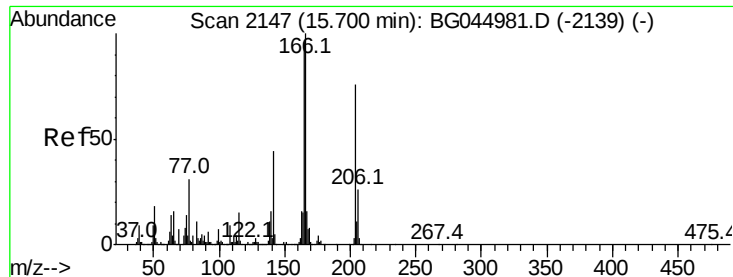
Tot Ion:	232	Resp:	268308
Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.2	48.2
130	2.6	2.2	3.2
166	28.8	24.2	36.4



#60
 Diethylphthalate
 Concen: 42.336 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion:	149	Resp:	865978
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.9	28.3
150	13.6	10.6	15.8

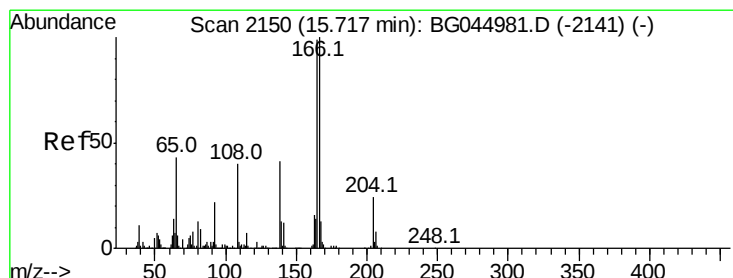
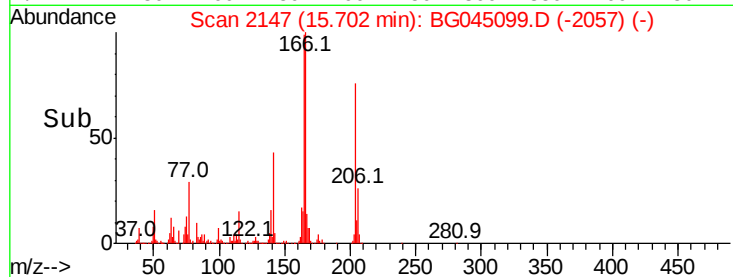
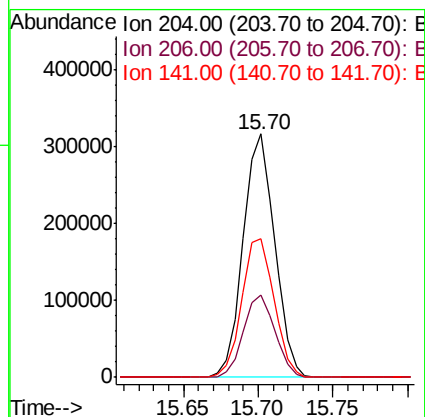
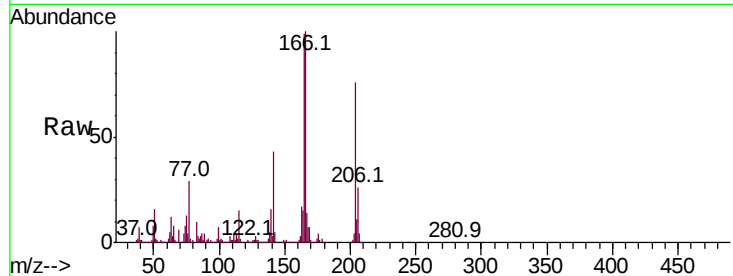




#61
4-Chlorophenyl-phenylether
Concen: 43.876 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

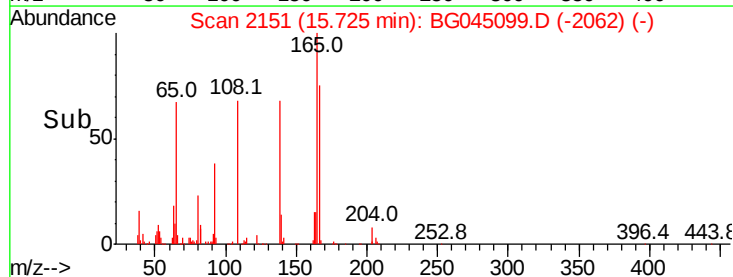
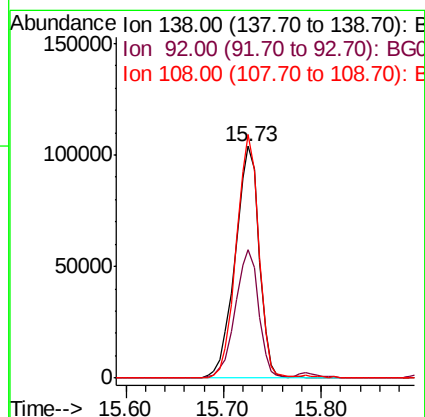
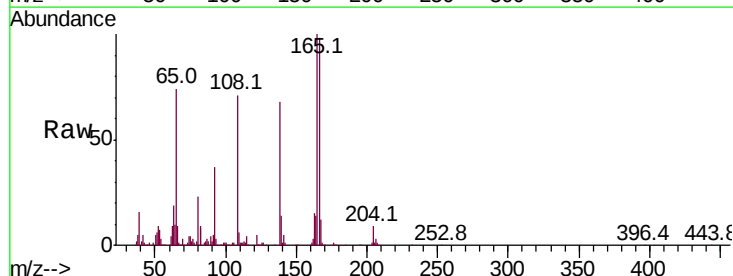
Instrument :
BNA_G
ClientSampleId :
S-2MS

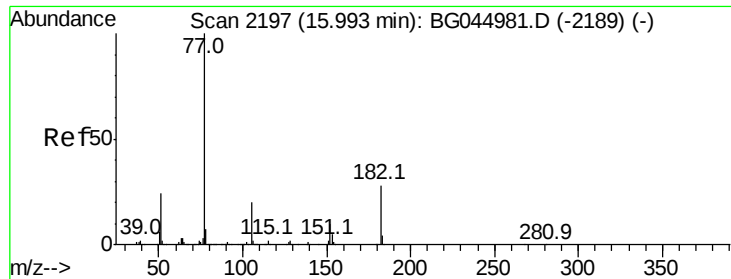
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.9	40.3
141	56.8	46.3	69.5



#62
4-Nitroaniline
Concen: 35.656 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	33.6	73.6
108	105.1	78.2	118.2





#63

Azobenzene

Concen: 43.908 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

Tot Ion: 77 Resp: 828034

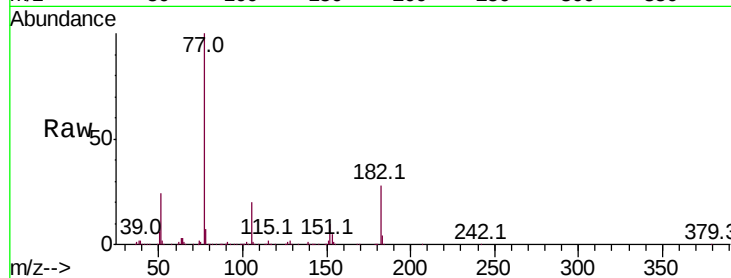
Ion Ratio Lower Upper

77 100

182 28.2 8.4 48.4

105 20.3 0.5 40.5

51 24.2 4.4 44.4

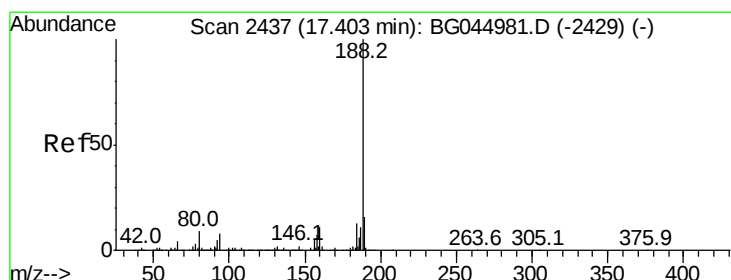
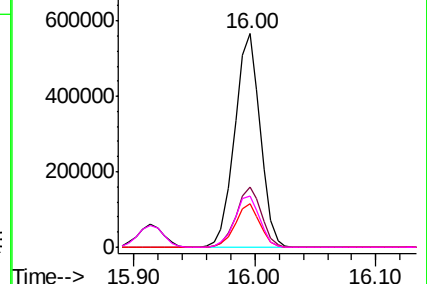
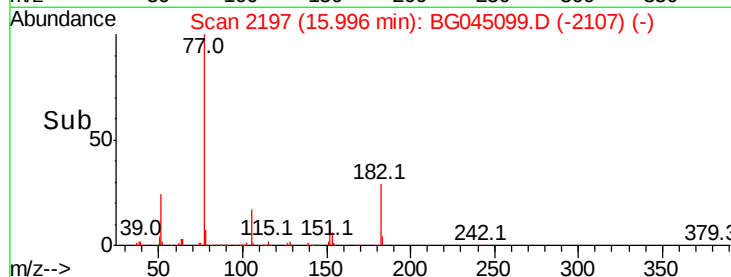


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

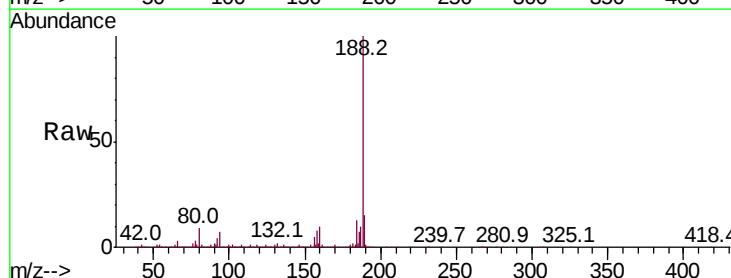
Tgt Ion: 188 Resp: 510700

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

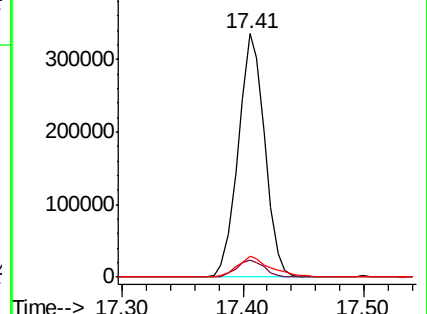
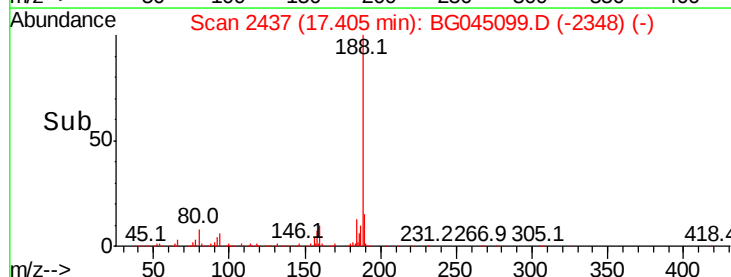
80 8.5 7.0 10.6

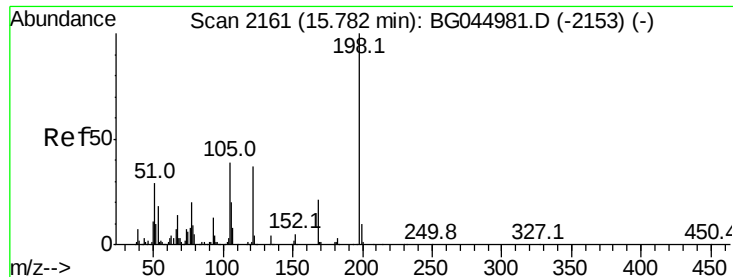


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 42.677 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

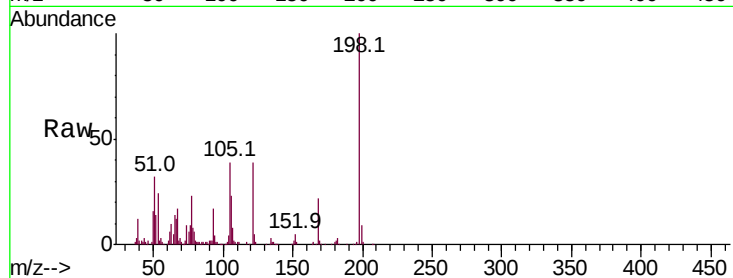
Tot Ion:198 Resp: 143260

Ion	Ratio	Lower	Upper
198	100		
51	32.0	10.0	50.0
105	39.5	18.9	58.9

198 100

51 32.0 10.0 50.0

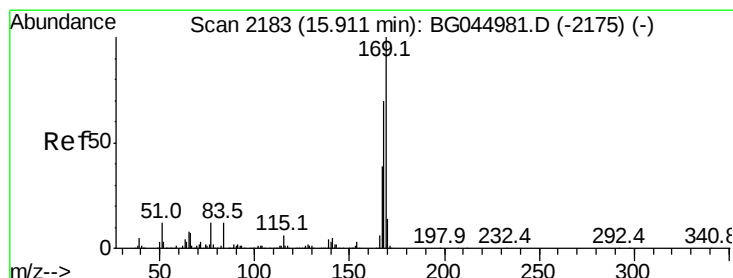
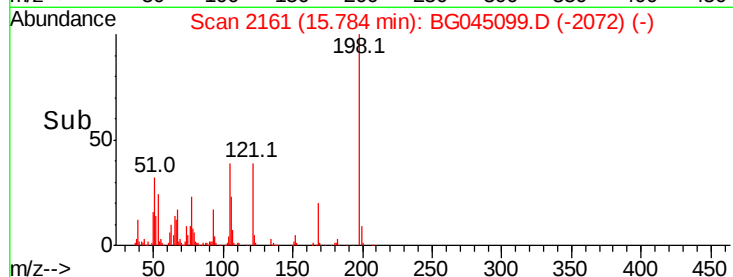
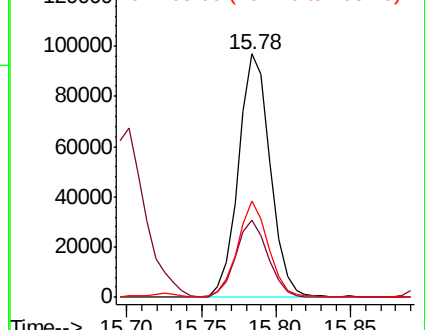
105 39.5 18.9 58.9



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: 50.519 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

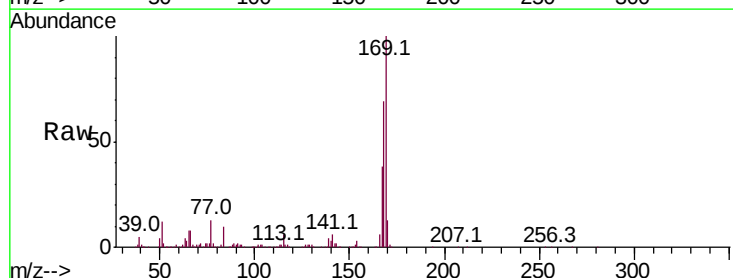
Tgt Ion:169 Resp: 741291

Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.8	83.8
167	38.3	30.8	46.2

169 100

168 69.2 55.8 83.8

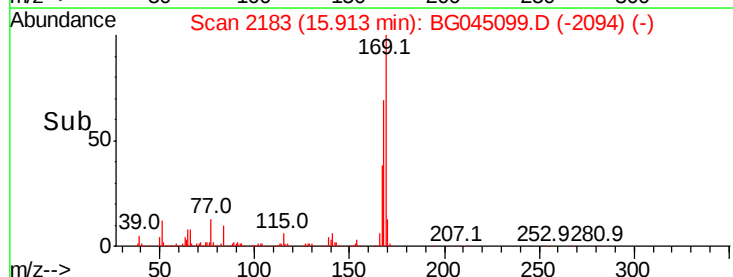
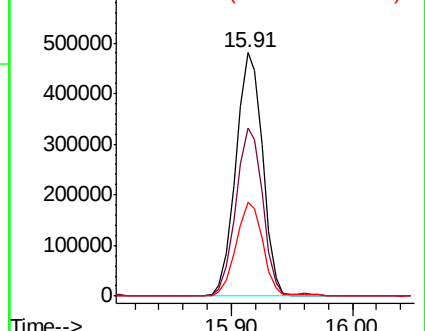
167 38.3 30.8 46.2

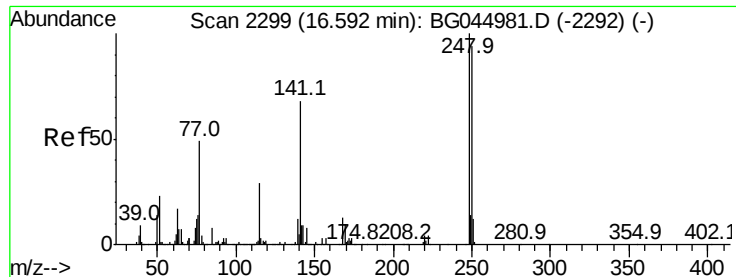


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

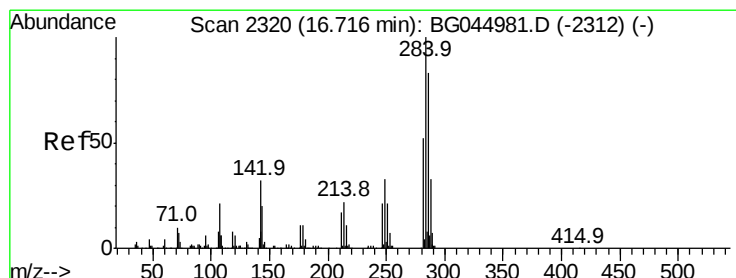
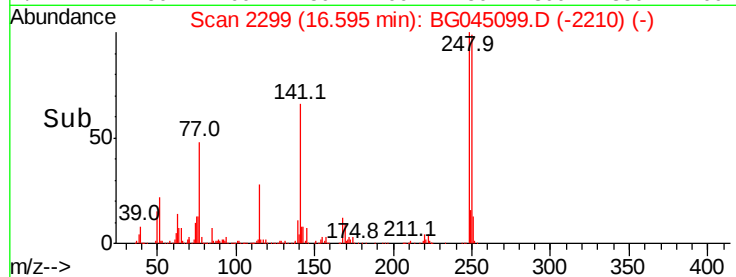
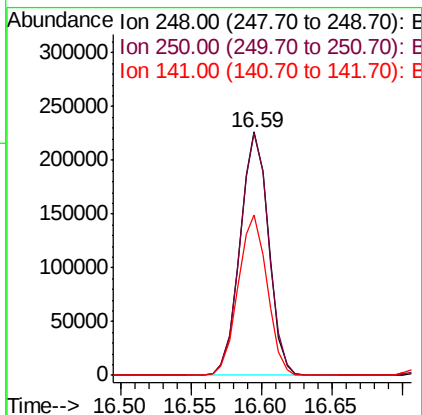
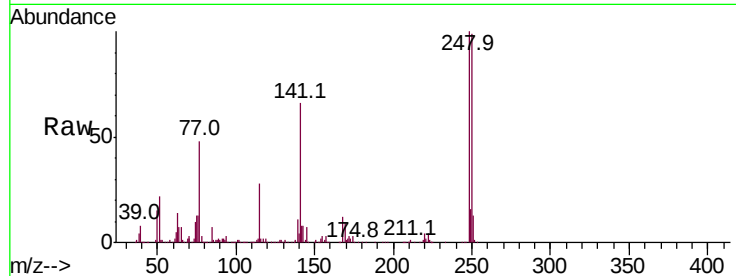




#67
4-Bromophenyl-phenylether
Concen: 48.379 ng
RT: 16.59 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

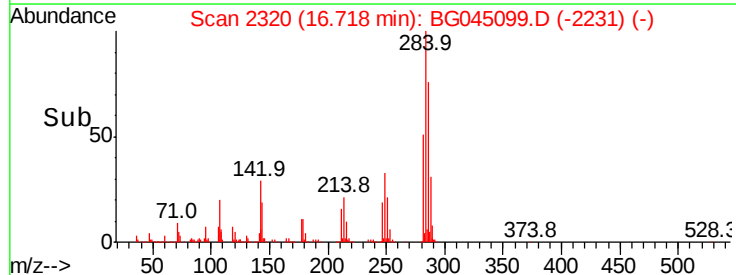
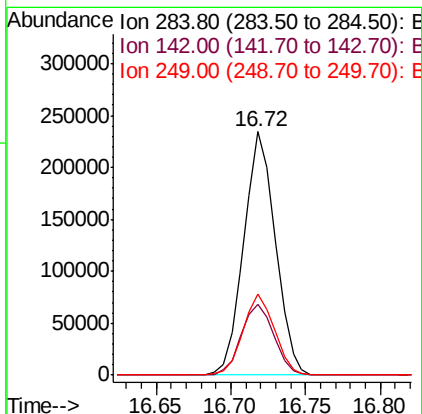
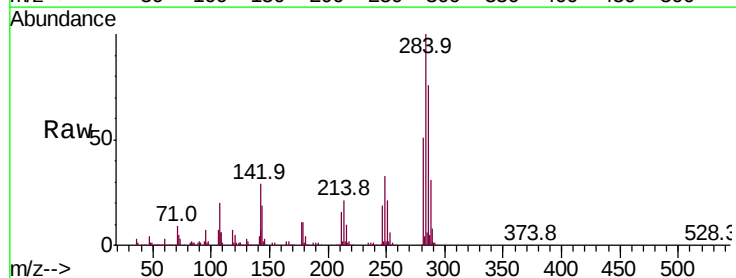
Instrument :
BNA_G
ClientSampleId :
S-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	75.4	113.2
141	65.9	54.4	81.6



#68
Hexachlorobenzene
Concen: 50.208 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045099.D
Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	25.8	38.6
249	33.5	26.6	39.8





#69

Atrazine

Concen: 57.362 ng

RT: 16.86 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampled :

S-2MS

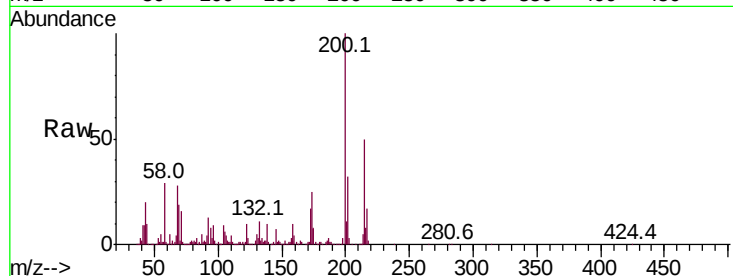
Tot Ion:200 Resp: 299973

Ion Ratio Lower Upper

200 100

173 24.8 4.5 44.5

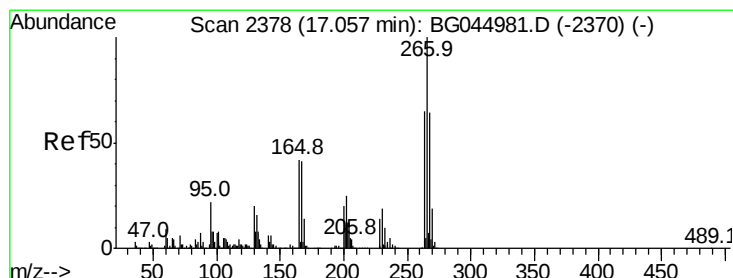
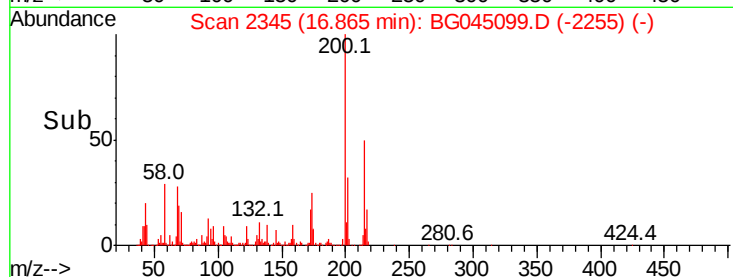
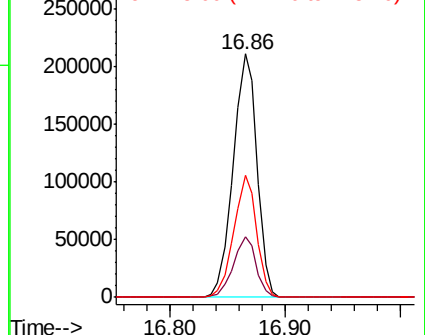
215 50.3 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.485 ng

RT: 17.06 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

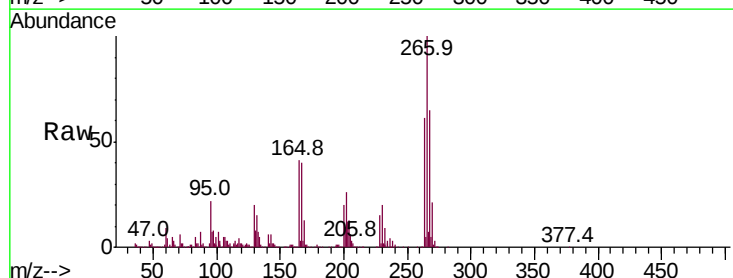
Tgt Ion:266 Resp: 396062

Ion Ratio Lower Upper

266 100

268 64.9 51.5 77.3

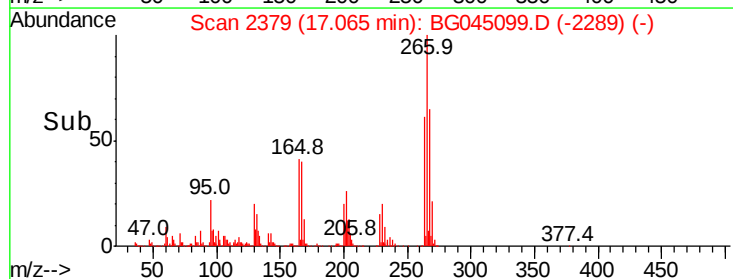
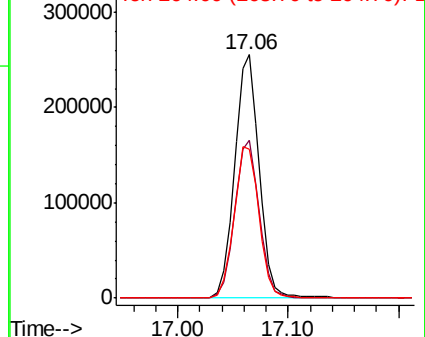
264 61.4 52.2 78.4

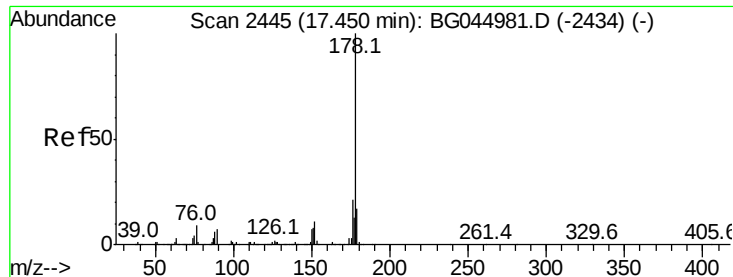


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.881 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampled :

S-2MS

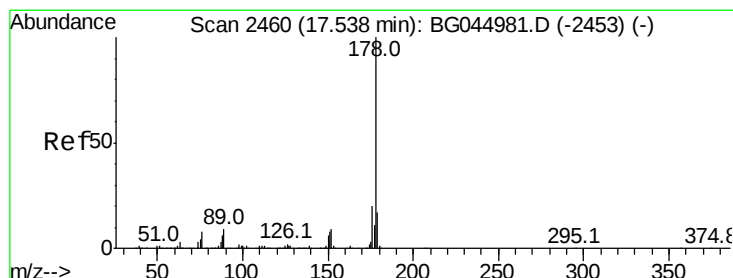
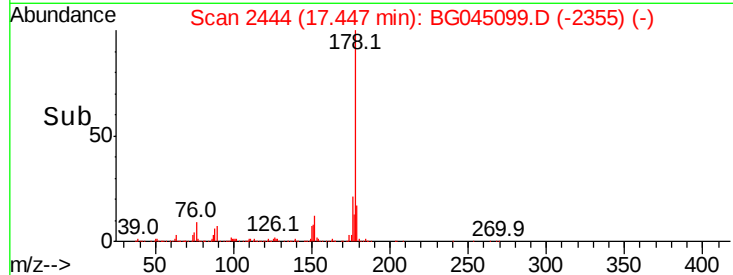
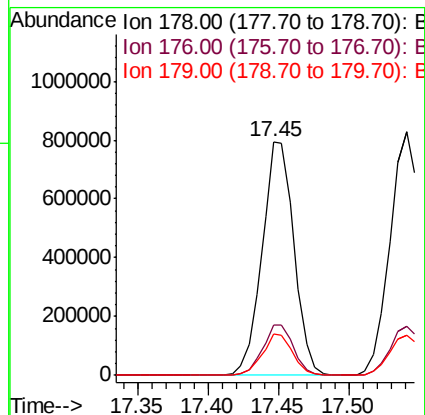
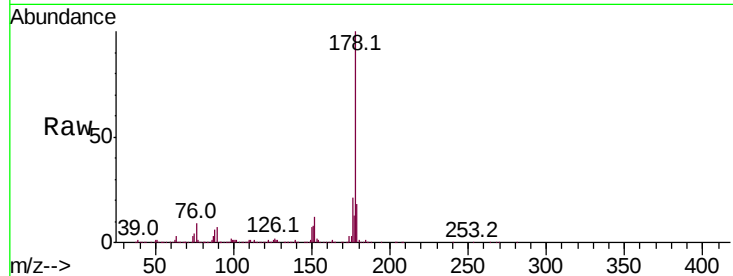
Tot Ion:178 Resp: 1256574

Ion Ratio Lower Upper

178 100

176 21.3 16.8 25.2

179 17.8 13.2 19.8



#72

Anthracene

Concen: 49.077 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

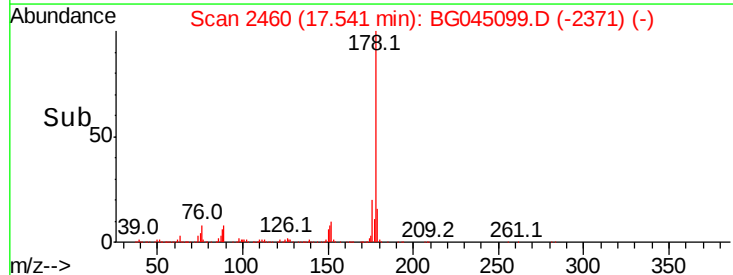
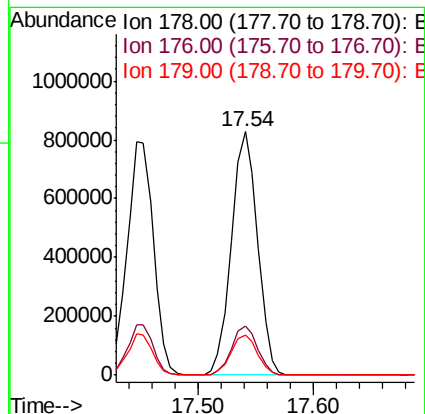
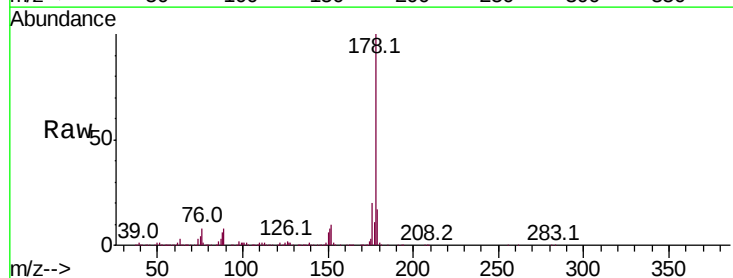
Tgt Ion:178 Resp: 1291950

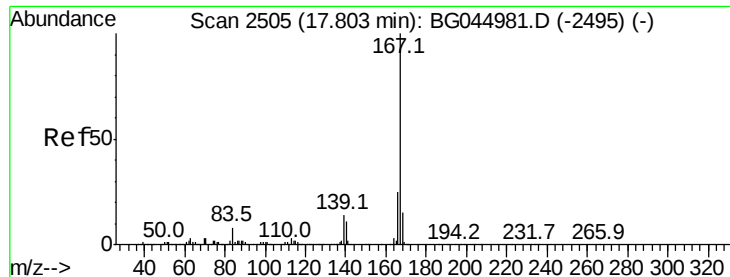
Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

179 16.7 13.6 20.4





#73

Carbazole

Concen: 43.738 ng

RT: 17.80 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

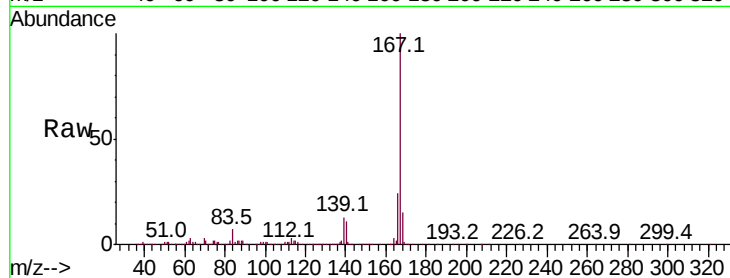
BNA_G

ClientSampleId :

S-2MS

Tot Ion:167 Resp: 1168450

Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.8	29.6
139	13.3	10.9	16.3

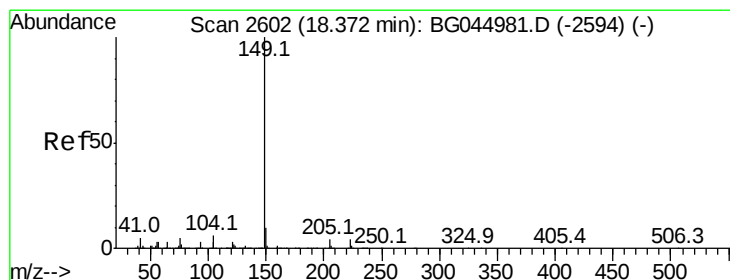
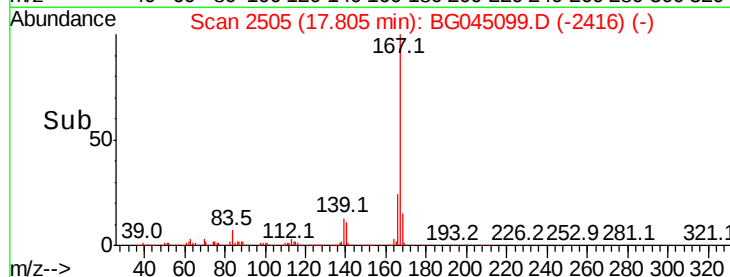
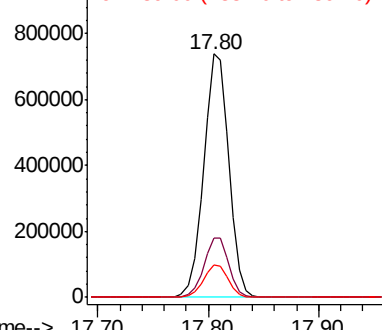


Abundance

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: 48.260 ng

RT: 18.37 min Scan# 2601

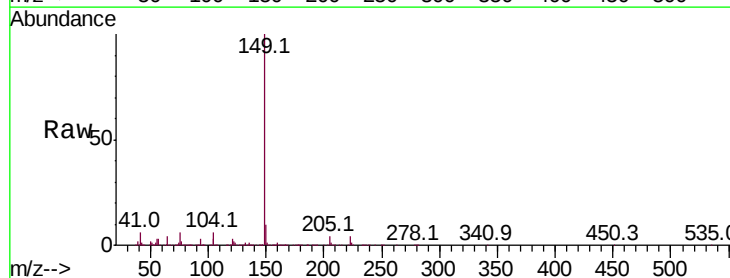
Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion:149 Resp: 1390632

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.4	4.8	7.2

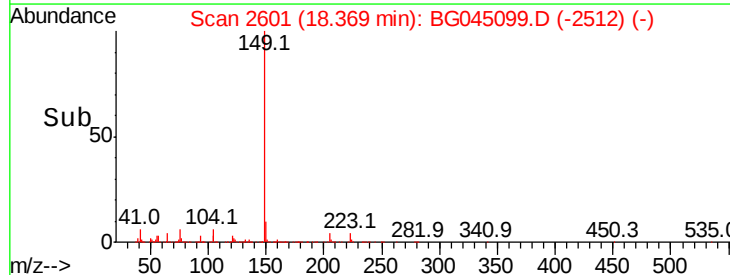
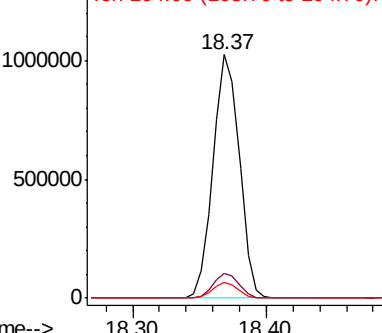


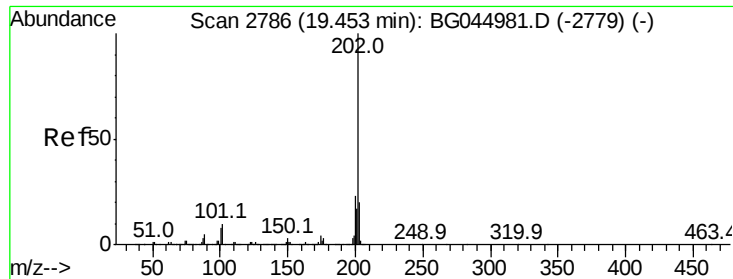
Abundance

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

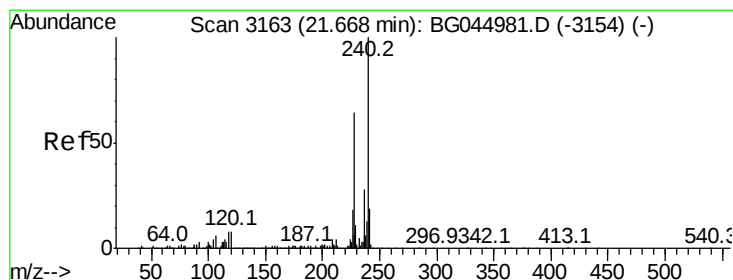
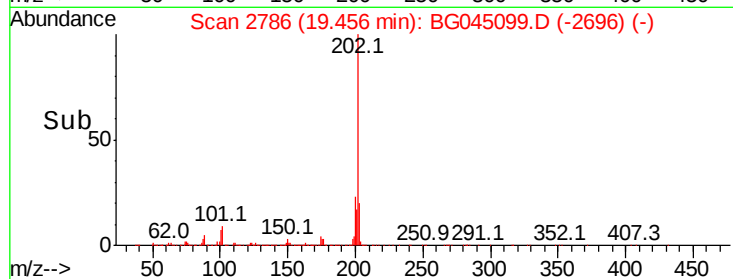
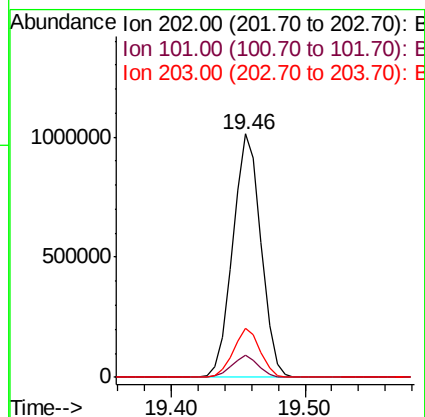
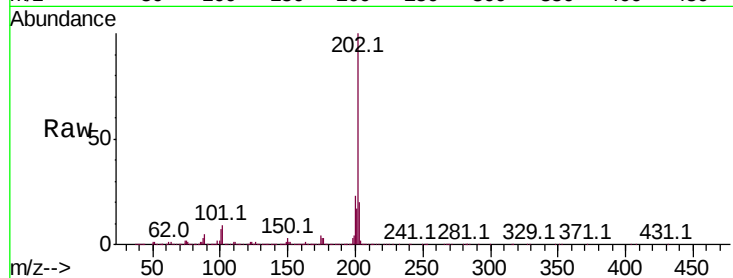




#75
 Fluoranthene
 Concen: 44.632 ng
 RT: 19.46 min Scan# 2786
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

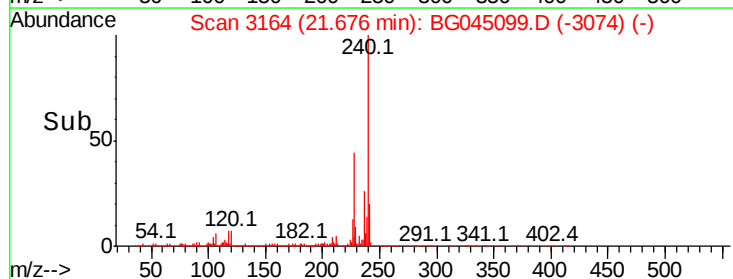
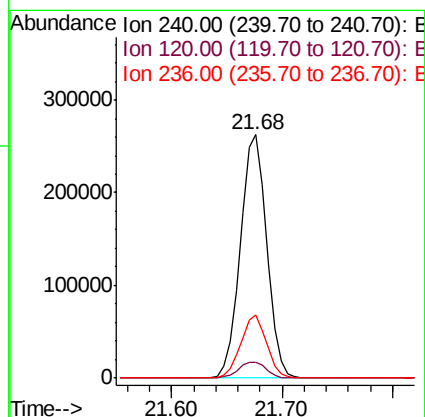
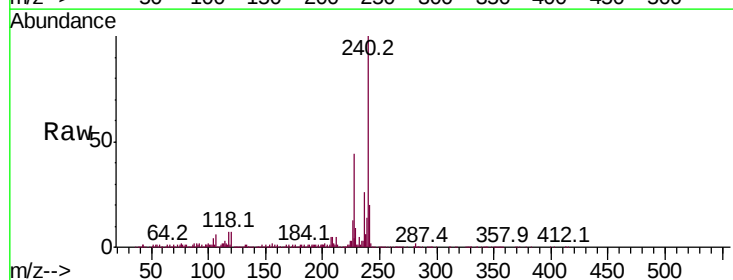
Instrument :
 BNA_G
 ClientSampled :
 S-2MS

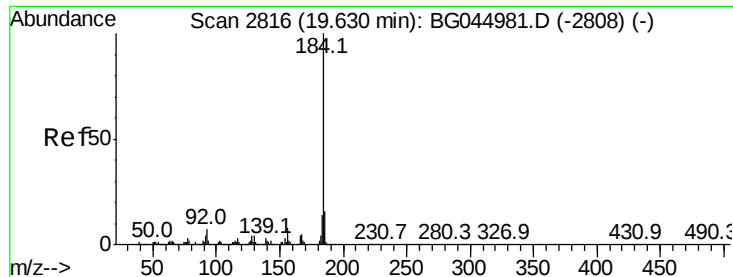
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.6
203	20.0	0.0	39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	10.0
236	25.8	22.2	33.2





#77

Benzidine

Concen: 69.534 ng

RT: 19.63 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

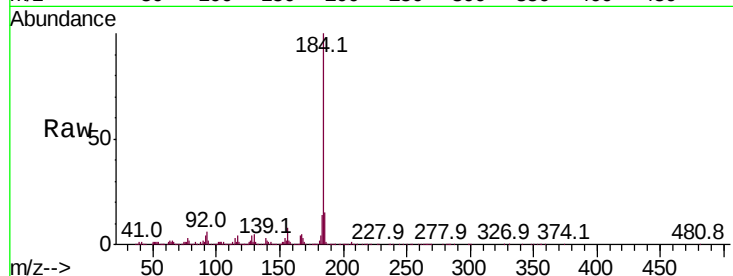
BNA_G

ClientSampleId :

S-2MS

Tot Ion:184 Resp: 845980

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	19.0
183	14.0	11.3	16.9

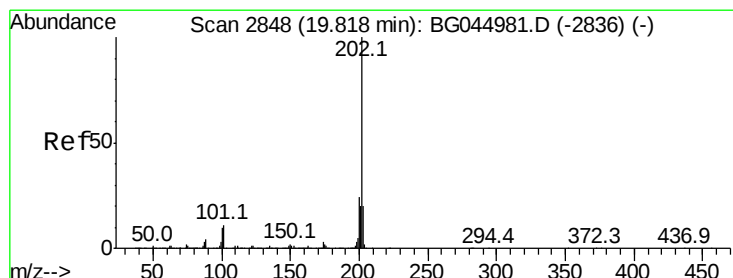
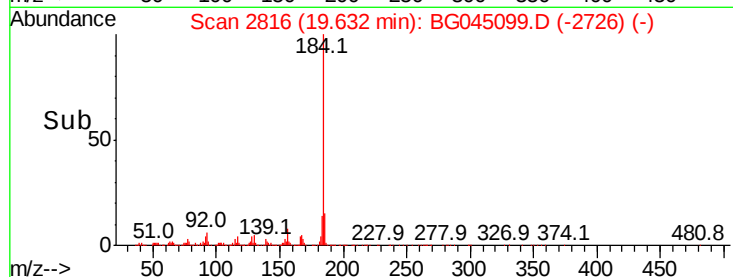
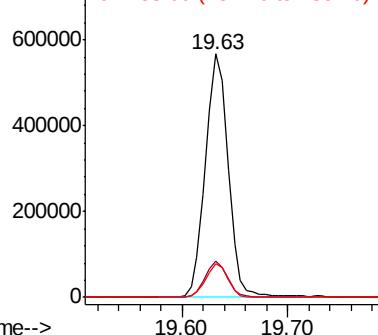


Abundance

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: 47.924 ng

RT: 19.82 min Scan# 2848

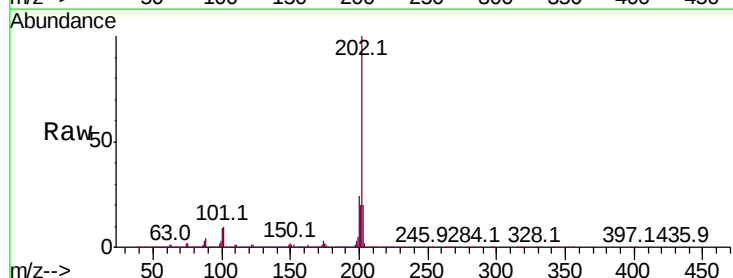
Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion:202 Resp: 1455781

Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.0	28.6
203	20.2	16.1	24.1

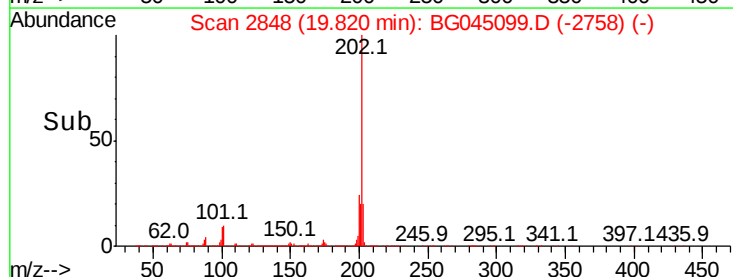
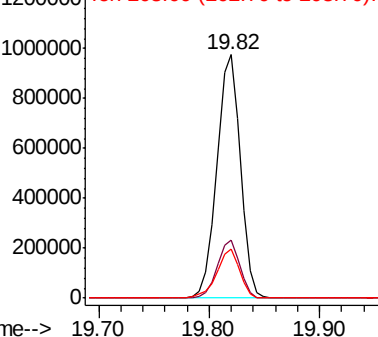


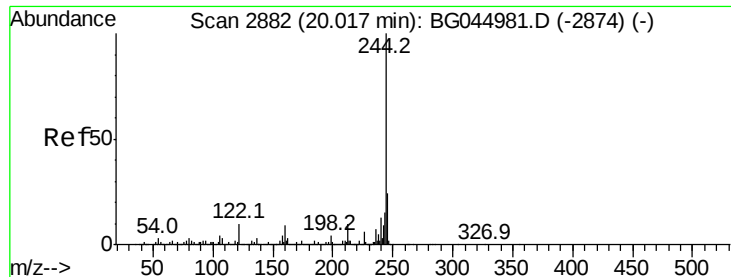
Abundance

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: 103.456 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

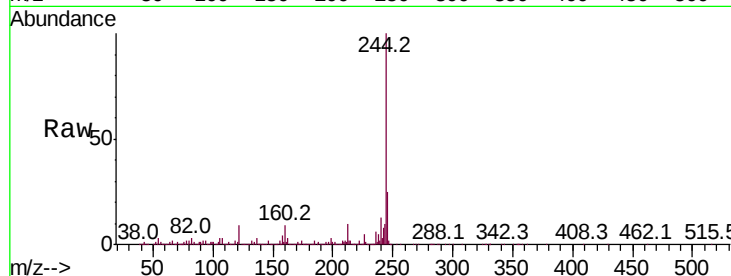
Tot Ion:244 Resp: 2091498

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

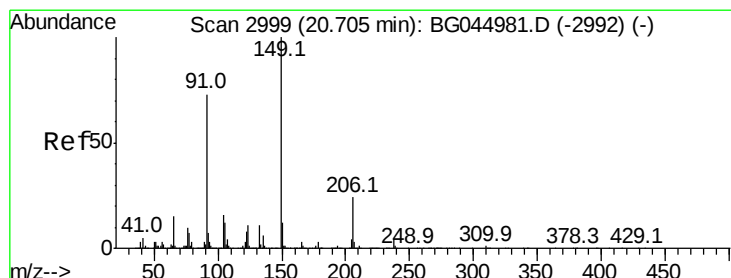
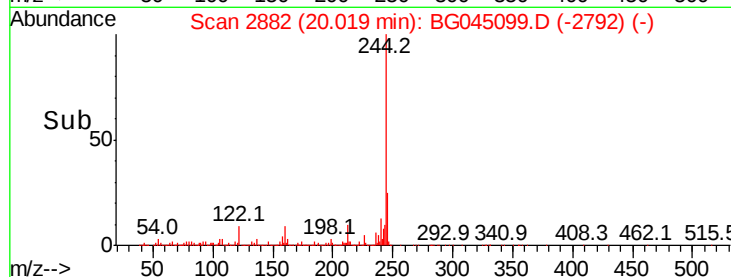
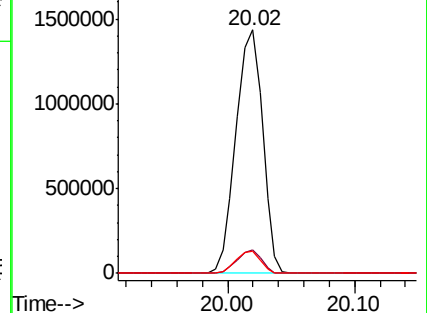
122 8.9 7.7 11.5



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: 46.789 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

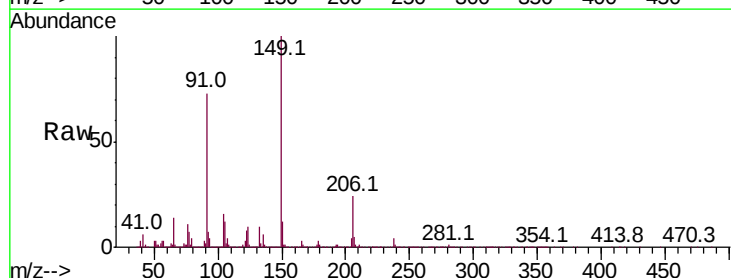
Tgt Ion:149 Resp: 589148

Ion Ratio Lower Upper

149 100

91 73.3 58.5 87.7

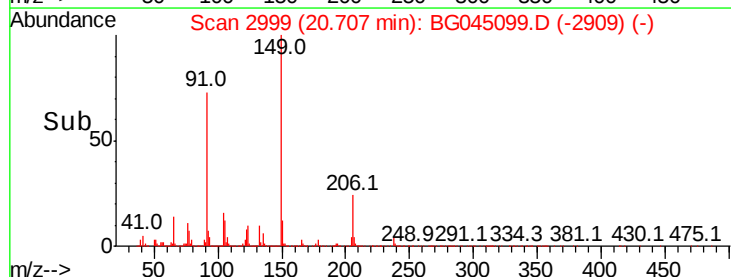
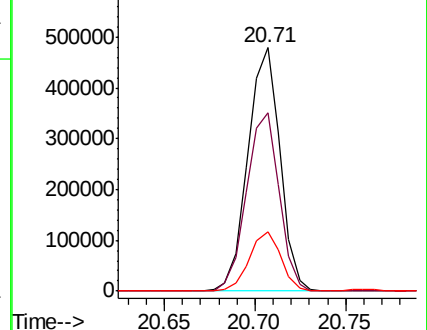
206 24.4 19.2 28.8

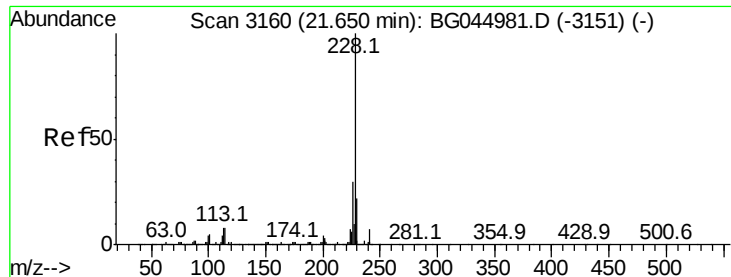


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.043 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

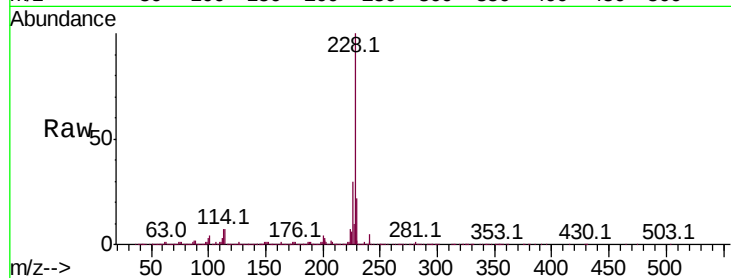
BNA_G

ClientSampleId :

S-2MS

Tot Ion:228 Resp: 1400619

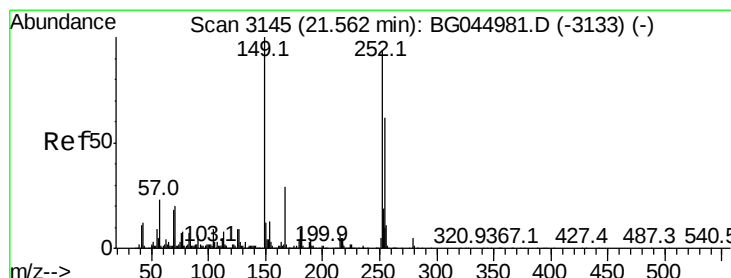
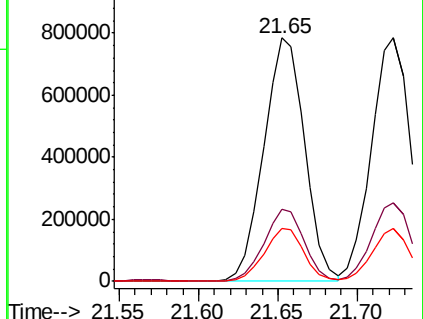
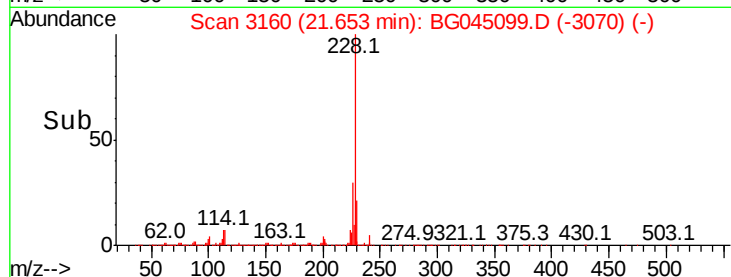
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.5	17.5	26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.244 ng

RT: 21.57 min Scan# 3146

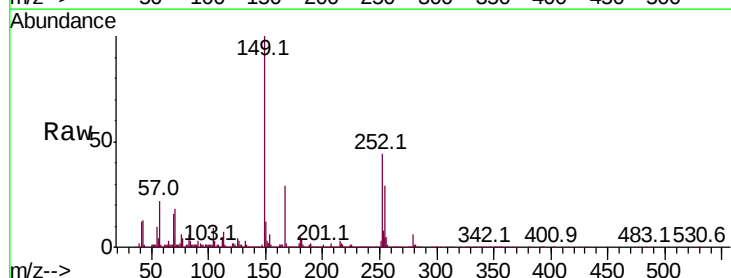
Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion:252 Resp: 411989

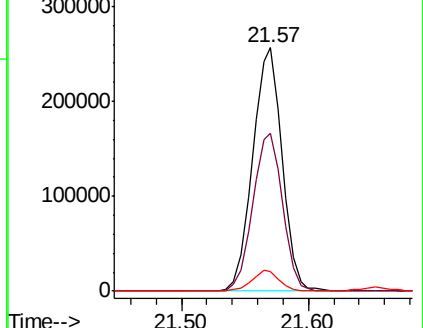
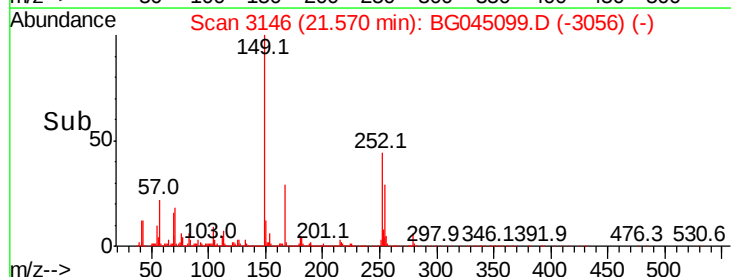
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	79.0
126	8.0	7.5	11.3

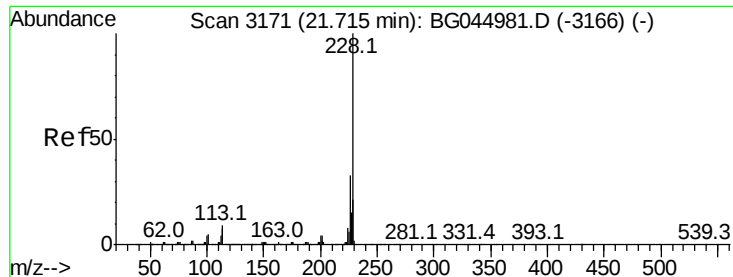


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



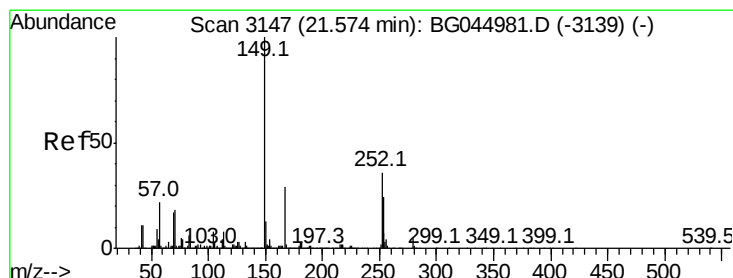
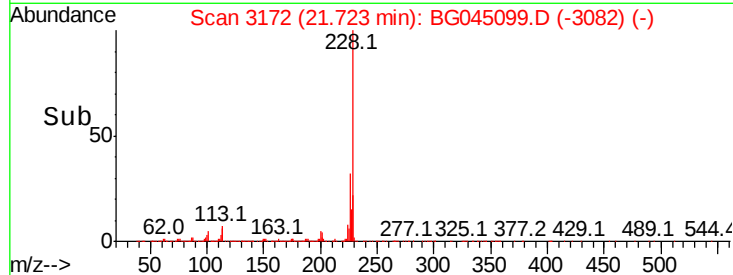
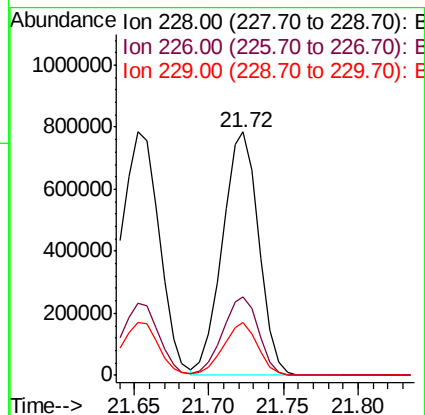
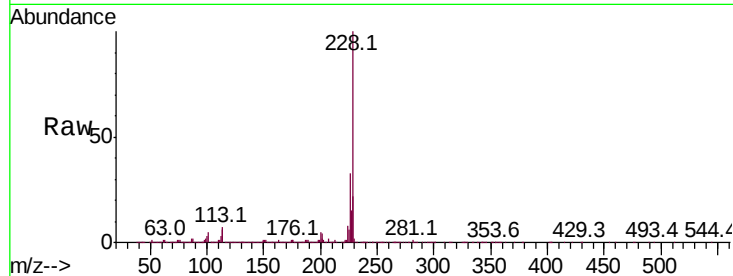


#83
 Chrvsene
 Concen: 48.533 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Instrument :
 BNA_G
 ClientSampleId :
 S-2MS

Tot Ion:228 Resp: 1331735

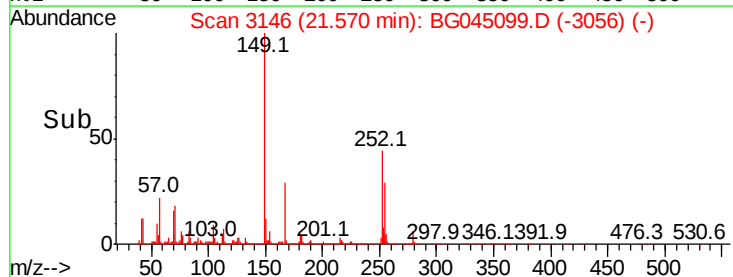
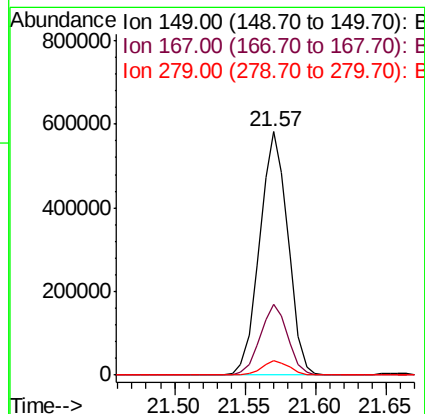
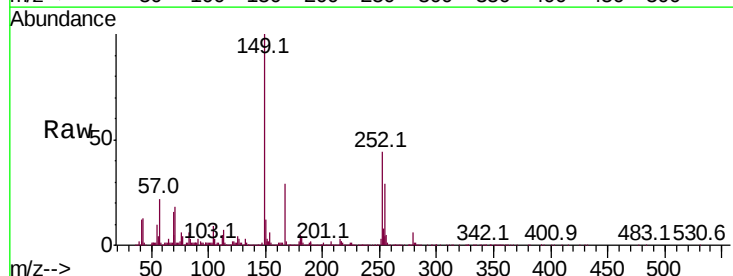
Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.2	39.4
229	21.8	17.0	25.6

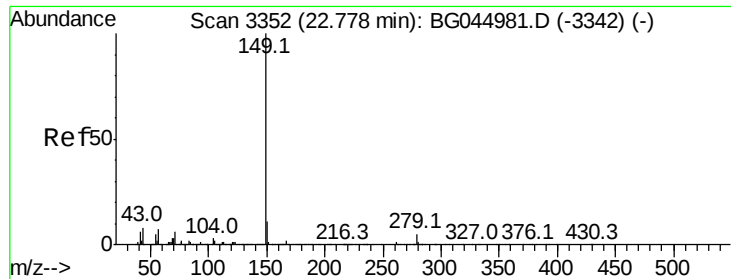


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.200 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: BG045099.D
 Acq: 20 Apr 2020 17:04

Tgt Ion:149 Resp: 817400

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 46.269 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

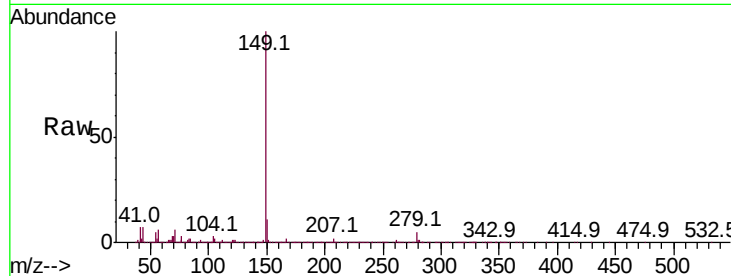
Tot Ion:149 Resp: 1385617

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

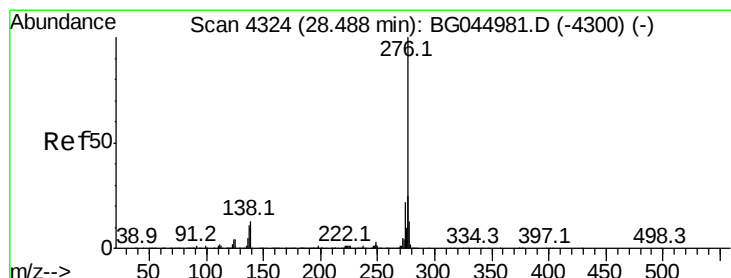
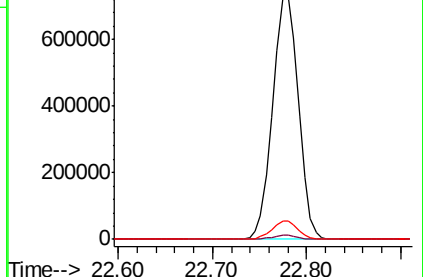
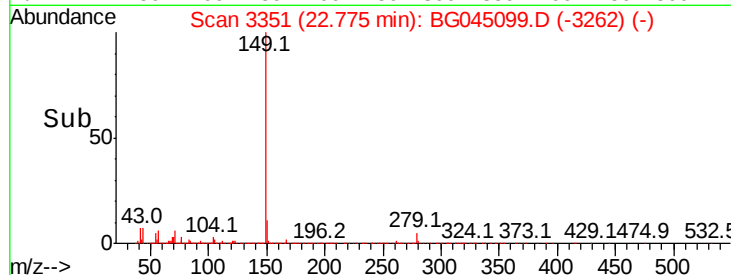
43 7.4 5.7 8.5



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: 48.771 ng

RT: 28.50 min Scan# 4326

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

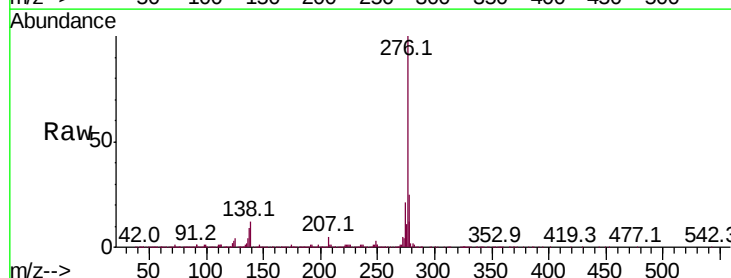
Tgt Ion:276 Resp: 1776810

Ion Ratio Lower Upper

276 100

138 9.0 9.6 14.4#

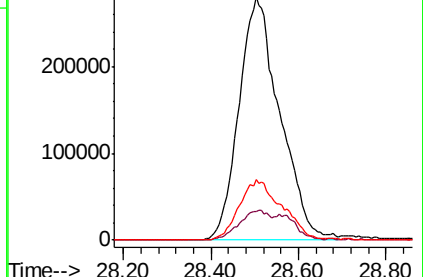
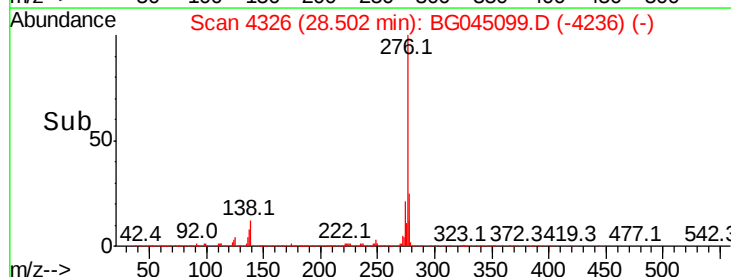
277 25.8 20.6 31.0

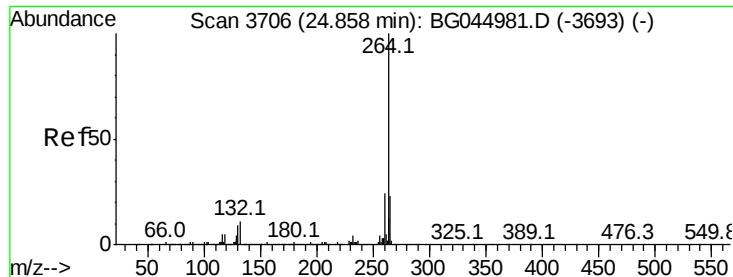


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.87 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

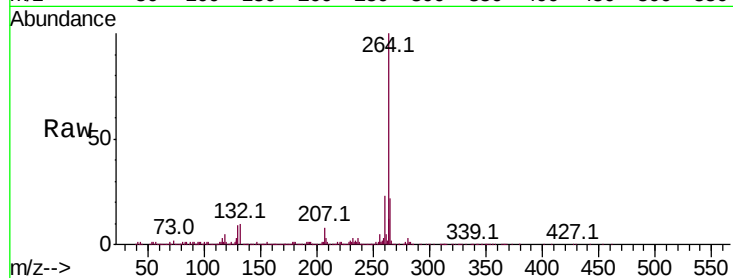
Tot Ion:264 Resp: 489874

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

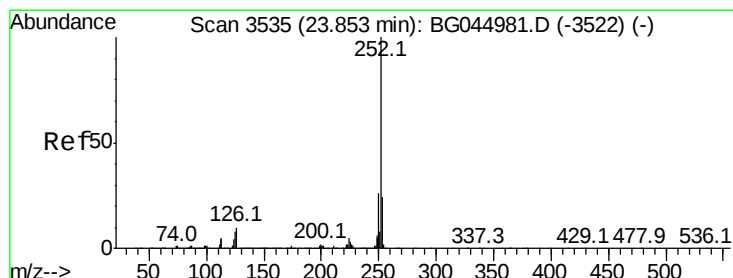
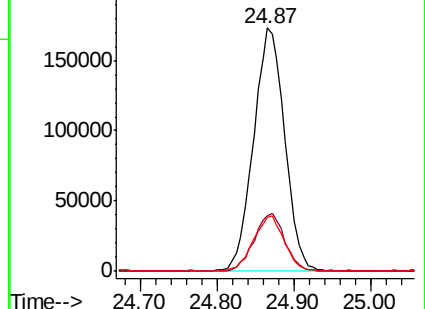
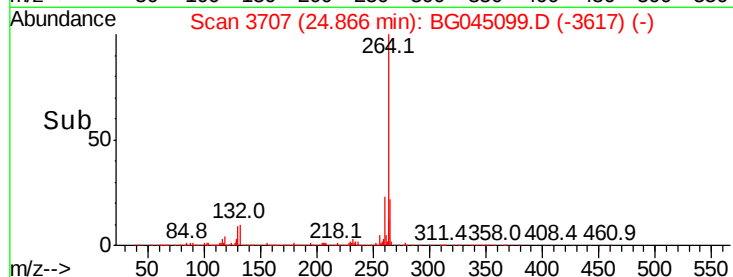
265 22.4 19.0 28.4



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: 47.997 ng

RT: 23.86 min Scan# 3536

Delta R.T. 0.01 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

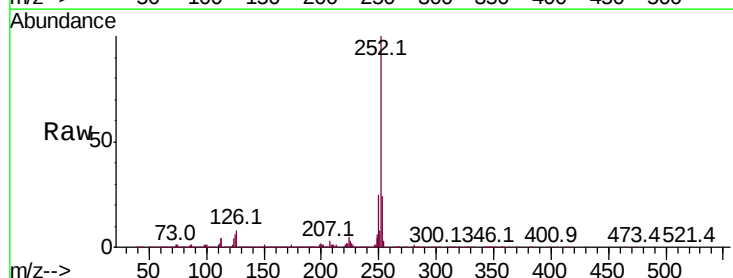
Tgt Ion:252 Resp: 1472825

Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

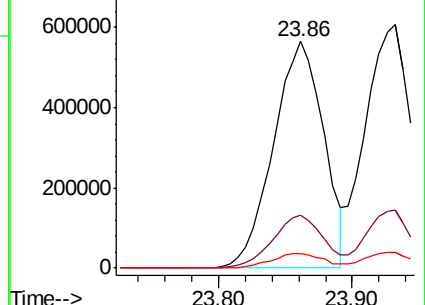
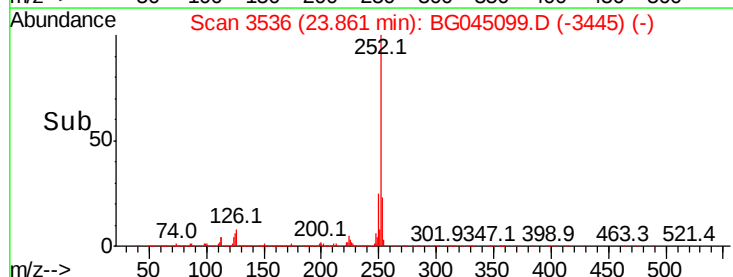
125 6.3 6.2 9.4

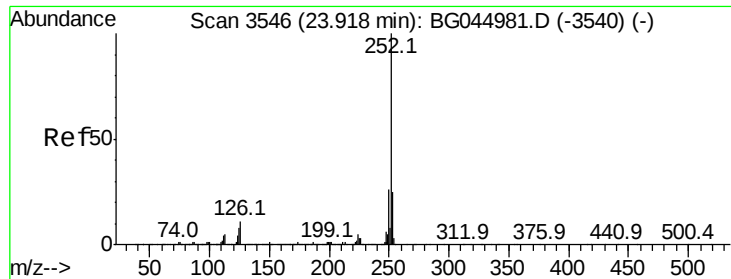


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.606 ng

RT: 23.93 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

BNA_G

ClientSampleId :

S-2MS

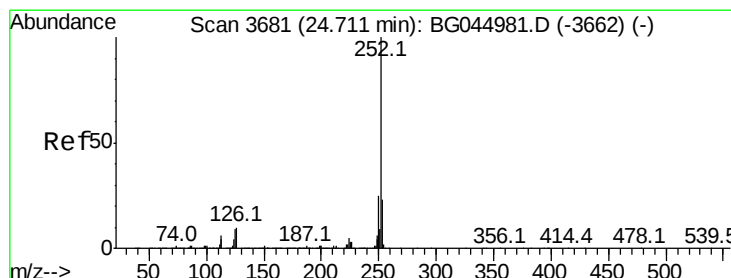
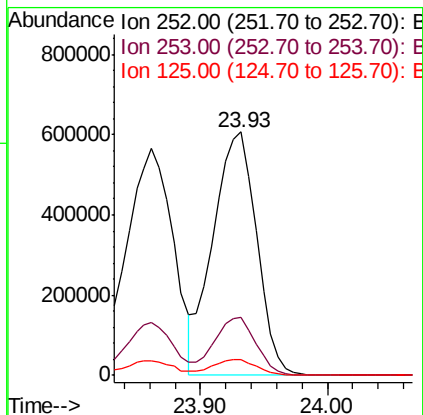
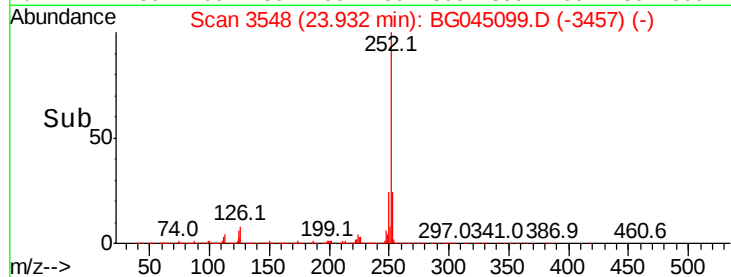
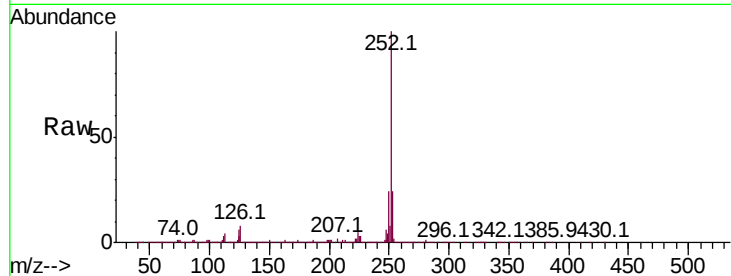
Tot Ion:252 Resp: 1447604

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

125 6.3 5.9 8.9



#90

Benzo(a)pyrene

Concen: 47.693 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

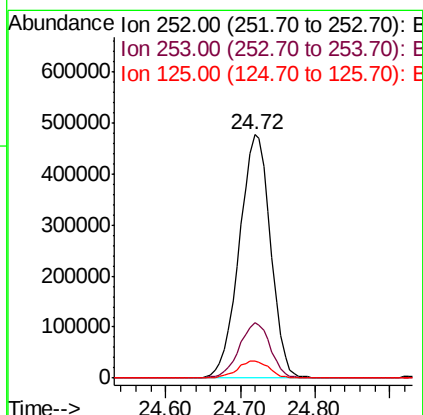
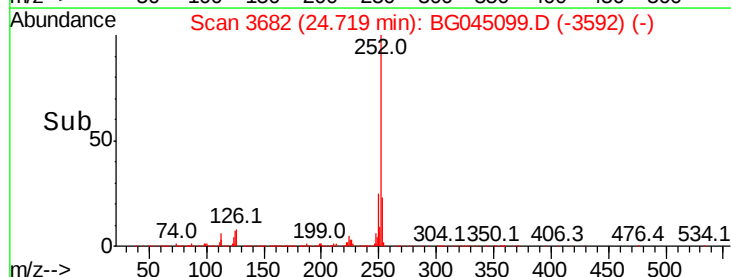
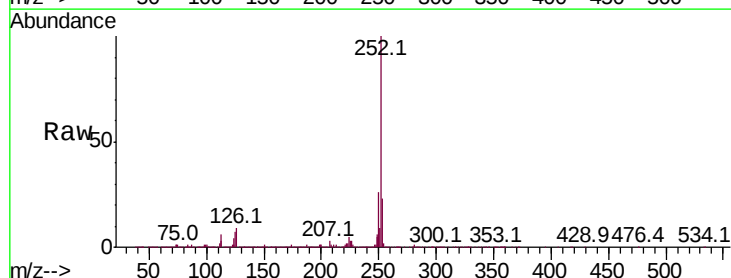
Tgt Ion:252 Resp: 1381767

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

125 7.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 50.688 ng

RT: 28.58 min Scan# 4339

Delta R.T. 0.01 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Instrument :

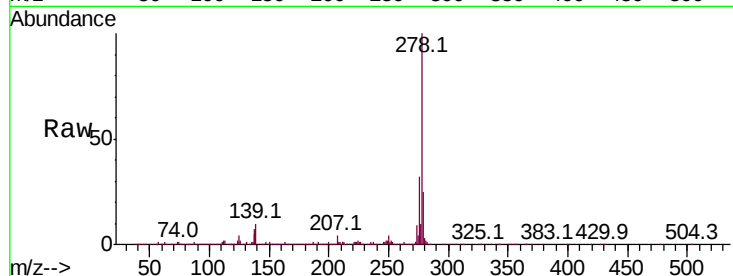
BNA_G

ClientSampleId :

S-2MS

Tot Ion:278 Resp: 1479745

Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.0	13.6
279	24.6	18.4	27.6

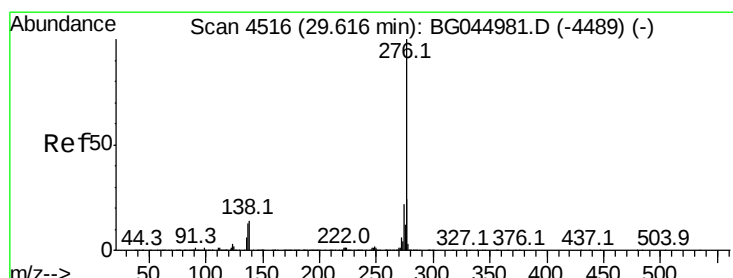
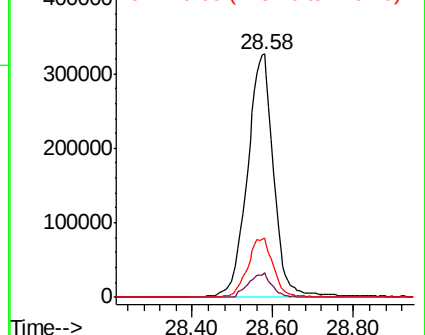
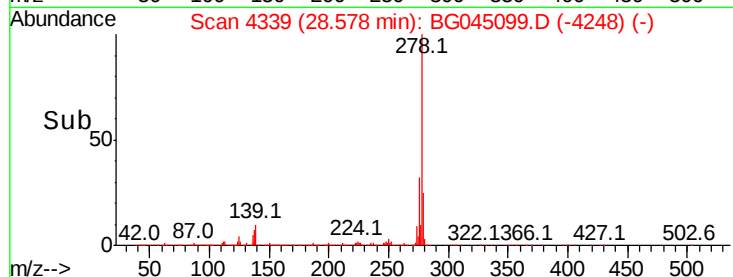


Abundance

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: 49.050 ng

RT: 29.64 min Scan# 4519

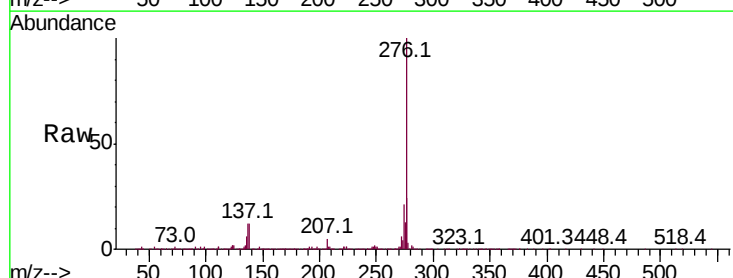
Delta R.T. 0.00 min

Lab File: BG045099.D

Acq: 20 Apr 2020 17:04

Tgt Ion:276 Resp: 1435600

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	12.4	11.4	17.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

