

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044684.D
 Acq On : 5 Mar 2020 14:44
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 16:04:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 15:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57213	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	242192	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	168022	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	386863	20.00	ng	0.00
76) Chrysene-d12	21.72	240	338740	20.00	ng	0.00
87) Perylene-d12	24.94	264	405723	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	391838	109.89	ng	0.00
7) Phenol-d6	7.21	99	603565	123.66	ng	0.00
23) Nitrobenzene-d5	9.22	82	569870	121.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	239230	100.41	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1231120	104.92	ng	0.00
79) Terphenyl-d14	20.06	244	1937092	108.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	94785	60.914	ng	98
3) Pyridine	3.92	79	267335	61.572	ng	97
4) n-Nitrosodimethylamine	3.83	42	121799	73.861	ng	92
6) Aniline	7.38	93	373144	62.791	ng	99
8) 2-Chlorophenol	7.63	128	198749	51.059	ng	97
9) Benzaldehyde	7.19	77	170279	59.328	ng	99
10) Phenol	7.24	94	293778	62.109	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	222362	55.921	ng	96
12) 1,3-Dichlorobenzene	7.95	146	234570	50.525	ng	98
13) 1,4-Dichlorobenzene	8.10	146	237727	50.950	ng	98
14) 1,2-Dichlorobenzene	8.42	146	221815	49.991	ng	98
15) Benzyl Alcohol	8.29	79	260989	79.284	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	421607	78.893	ng	97
17) 2-Methylphenol	8.50	107	199533	59.049	ng	96
18) Hexachloroethane	9.15	117	94743	55.562	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	226676	72.248	ng	97
20) 3+4-Methylphenols	8.82	107	278344	60.166	ng	98
22) Acetophenone	8.88	105	361255	59.411	ng	99
24) Nitrobenzene	9.26	77	299717	65.807	ng	95
25) Isophorone	9.79	82	593754	67.515	ng	98
26) 2-Nitrophenol	9.98	139	100261	40.591	ng	97
27) 2,4-Dimethylphenol	10.03	122	185543	53.500	ng	92
28) bis(2-Chloroethoxy)methane	10.28	93	339842	58.435	ng	99
29) 2,4-Dichlorophenol	10.51	162	219104	52.843	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	249606	52.053	ng	98
31) Naphthalene	10.92	128	691830	52.350	ng	98
32) Benzoic acid	10.17	122	143641	106.708	ng	91
33) 4-Chloroaniline	11.02	127	321767	55.279	ng	97
34) Hexachlorobutadiene	11.22	225	169303	56.221	ng	96
35) Caprolactam	11.79	113	88188	59.413	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	271445	63.599	ng	100
37) 2-Methylnaphthalene	12.53	142	520118	53.252	ng	98
38) 1-Methylnaphthalene	12.74	142	488448	52.631	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	282307	49.909	ng	99

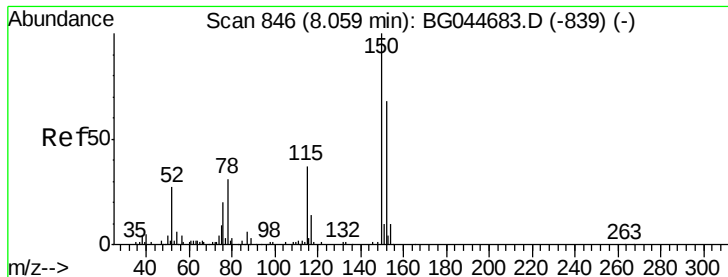
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	166503	74.618	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	199897	54.426	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	201459	53.397	nq	94
46) 1,1'-Biphenyl	13.53	154	692307	49.790	nq	99
47) 2-Chloronaphthalene	13.57	162	526250	48.265	nq	97
48) 2-Nitroaniline	13.76	65	191180	63.165	nq	97
49) Acenaphthylene	14.42	152	838290	52.085	nq	99
50) Dimethylphthalate	14.15	163	711198	52.442	nq	99
51) 2,6-Dinitrotoluene	14.26	165	133815	44.740	nq	97
52) Acenaphthene	14.76	154	541324	52.763	nq	98
53) 3-Nitroaniline	14.59	138	154208	47.806	nq	100
54) 2,4-Dinitrophenol	14.79	184	61077	42.497	nq	89
55) Dibenzofuran	15.09	168	808781	51.421	nq	99
56) 4-Nitrophenol	14.88	139	119546	53.878	nq	97
57) 2,4-Dinitrotoluene	15.05	165	181945	43.268	nq	96
58) Fluorene	15.75	166	665099	53.332	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	197351	56.802	nq	94
60) Diethylphthalate	15.52	149	759916	56.553	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	365271	53.869	nq	97
62) 4-Nitroaniline	15.75	138	166841	51.655	nq	95
63) Azobenzene	16.03	77	799450	69.908	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	81106	33.859	nq	97
66) n-Nitrosodiphenylamine	15.95	169	612876	50.788	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	247044	51.445	nq	97
68) Hexachlorobenzene	16.75	284	264543	48.726	nq	97
69) Atrazine	16.90	200	237171	53.164	nq	99
70) Pentachlorophenol	17.09	266	157595	70.063	nq	95
71) Phenanthrene	17.48	178	1082882	50.559	nq	99
72) Anthracene	17.58	178	1068439	50.620	nq	99
73) Carbazole	17.84	167	1023340	53.264	nq	97
74) Di-n-butylphthalate	18.42	149	1311089	54.458	nq	100
75) Fluoranthene	19.49	202	1317505	51.963	nq	99
77) Benzidine	19.66	184	695239	59.916	nq	98
78) Pyrene	19.85	202	1323673	53.831	nq	100
80) Butylbenzylphthalate	20.75	149	607382	56.470	nq	97
81) Benzo(a)anthracene	21.70	228	1307136	54.904	nq	98
82) 3,3'-Dichlorobenzidine	21.61	252	528611	56.202	nq	98
83) Chrysene	21.77	228	1240165	53.876	nq	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	826499	55.768	nq	97
85) Di-n-octyl phthalate	22.87	149	1449916	55.606	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1646421	55.733	nq	99
88) Benzo(b)fluoranthene	23.93	252	1439272	53.955	nq	98
89) Benzo(k)fluoranthene	24.00	252	1328834	51.340	nq	100
90) Benzo(a)pyrene	24.80	252	1330889	53.101	nq	97
91) Dibenzo(a,h)anthracene	28.70	278	1323915	53.411	nq	99
92) Benzo(g,h,i)perylene	29.77	276	1326004	53.394	nq	97

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

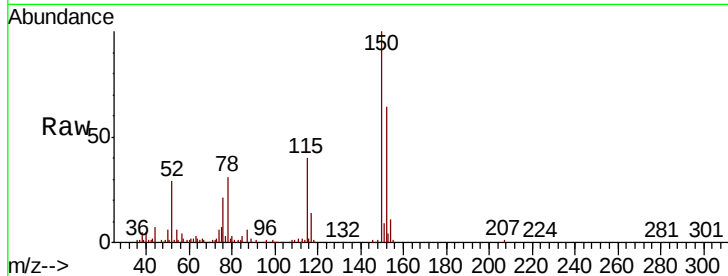


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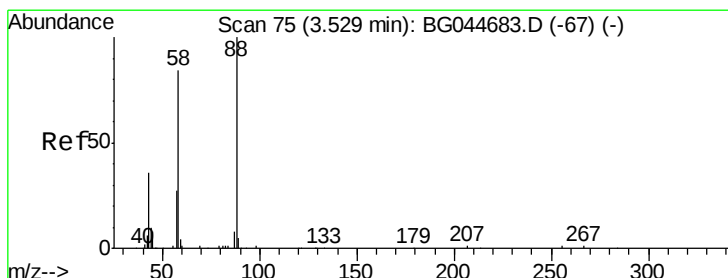
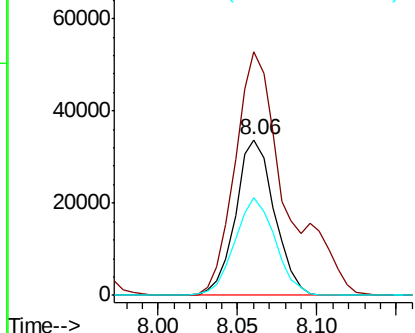
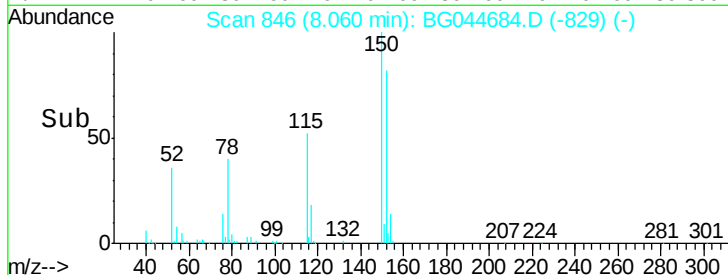
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57213
Ion Ratio Lower Upper
152 100
150 156.6 118.6 177.8
115 63.2 43.6 65.4



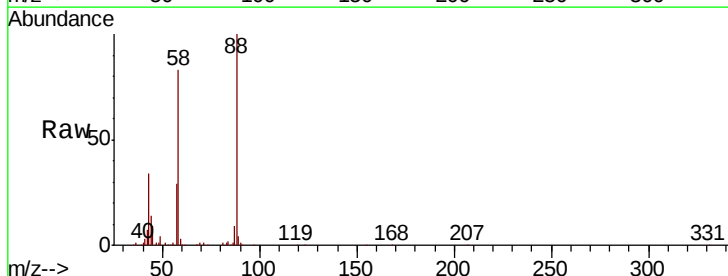
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



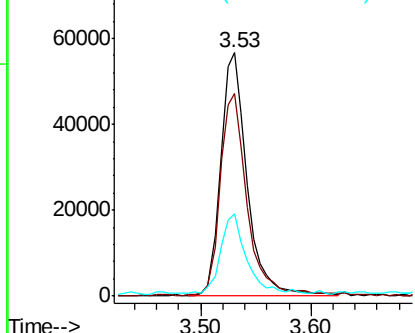
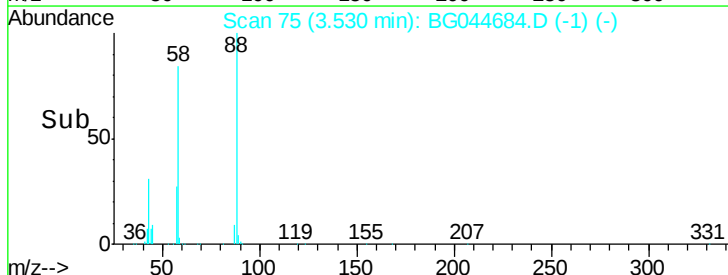
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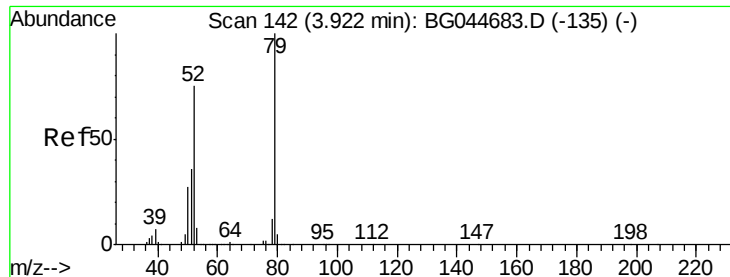
1,4-Dioxane
Concen: 60.914 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion: 88 Resp: 94785
Ion Ratio Lower Upper
88 100
58 83.0 66.6 99.8
43 30.9 27.4 41.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 61.572 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

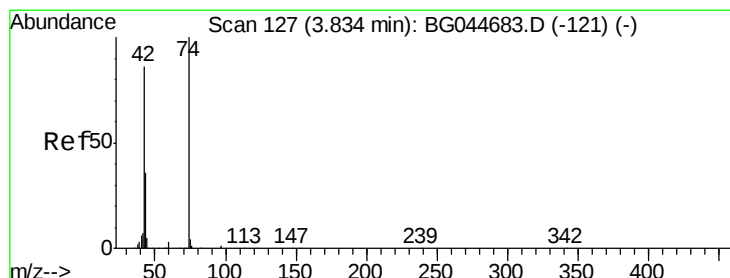
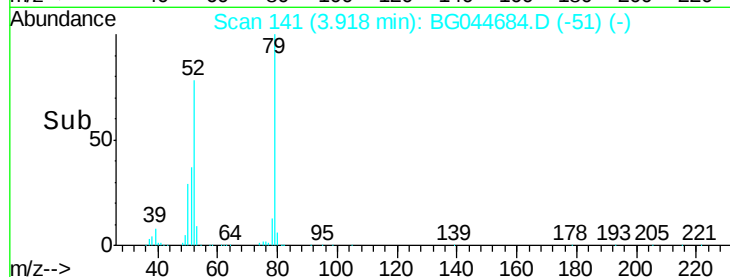
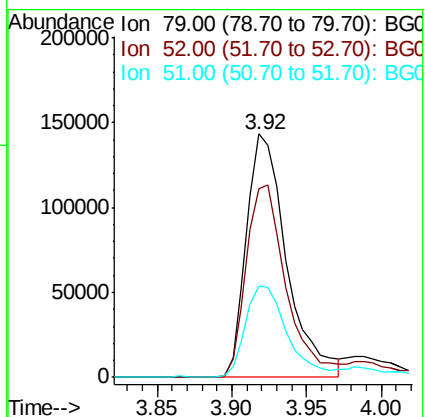
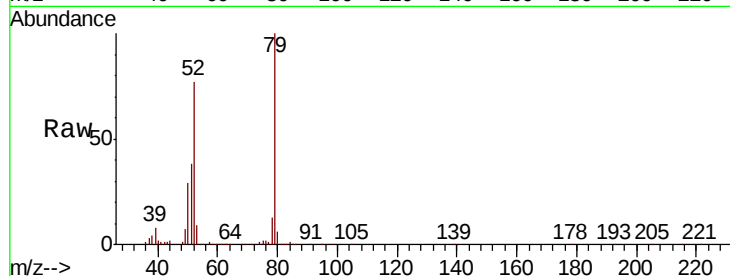
Tot Ion: 79 Resp: 267335

Ion Ratio Lower Upper

79 100

52 77.4 59.9 89.9

51 37.7 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 73.861 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

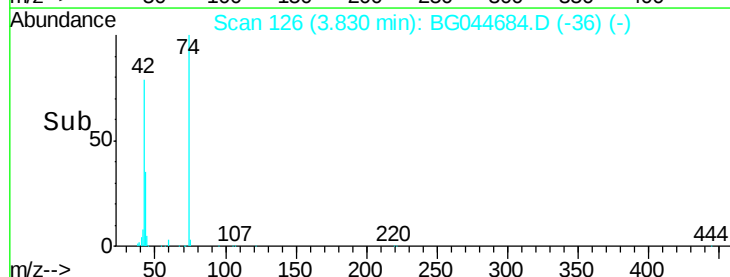
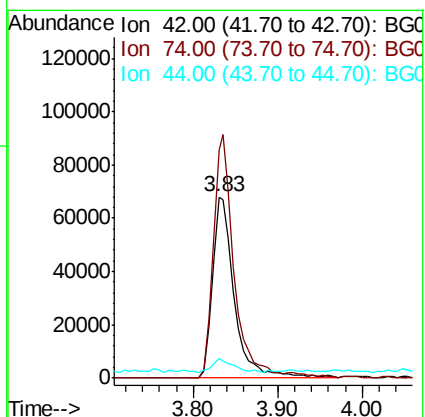
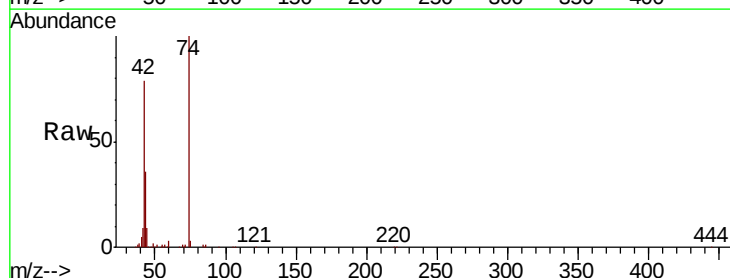
Tgt Ion: 42 Resp: 121799

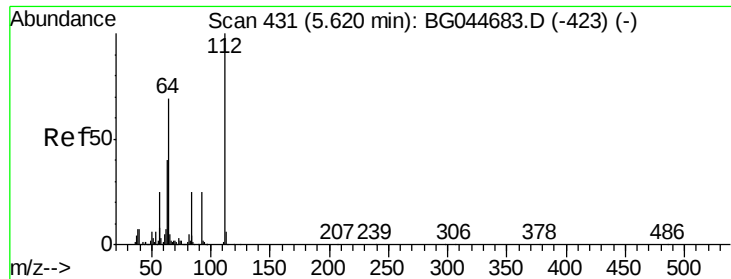
Ion Ratio Lower Upper

42 100

74 126.3 93.4 140.2

44 11.0 8.9 13.3





#5

2-Fluorophenol

Concen: 109.886 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampled :

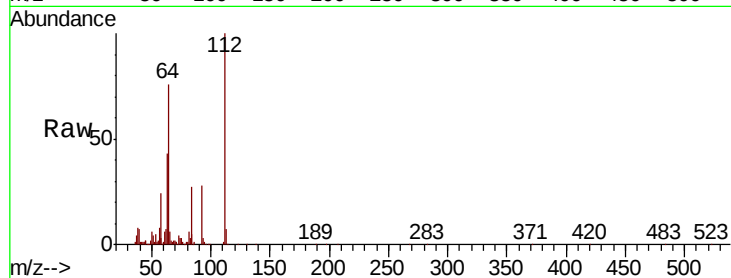
Tot Ion:112 Resp: 391838

Ion Ratio Lower Upper

112 100

64 75.8 55.4 83.0

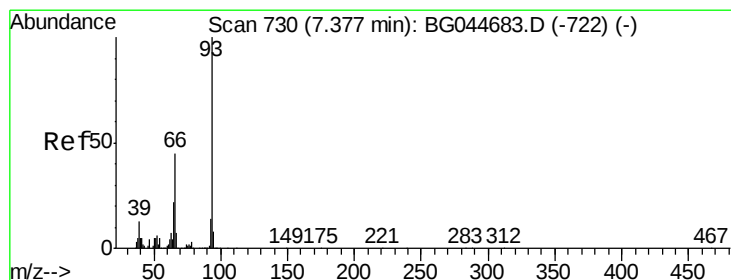
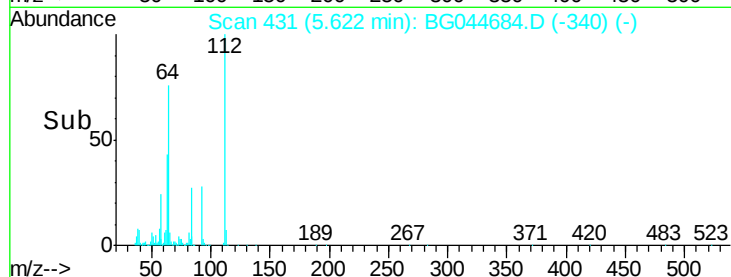
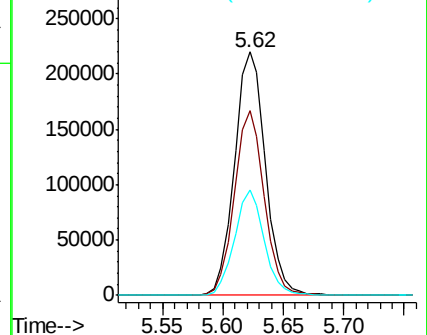
63 43.1 32.1 48.1



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: 62.791 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

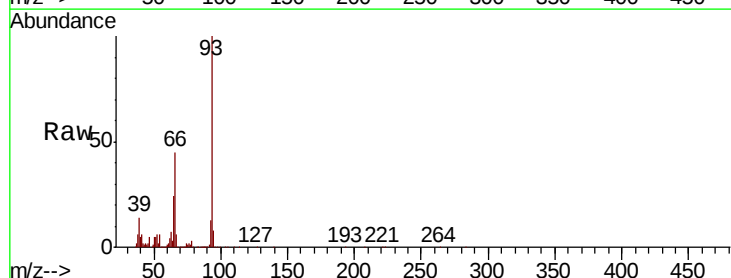
Tgt Ion: 93 Resp: 373144

Ion Ratio Lower Upper

93 100

66 44.7 35.8 53.8

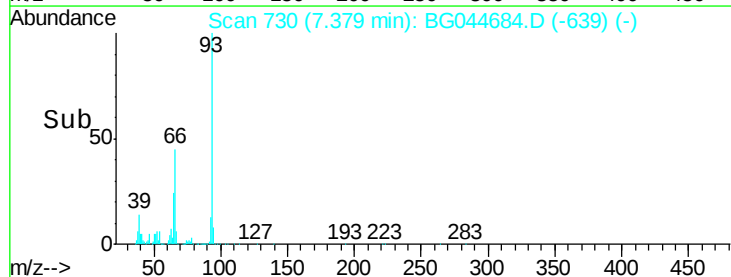
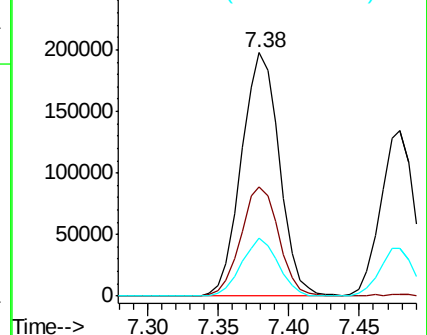
65 23.6 17.9 26.9

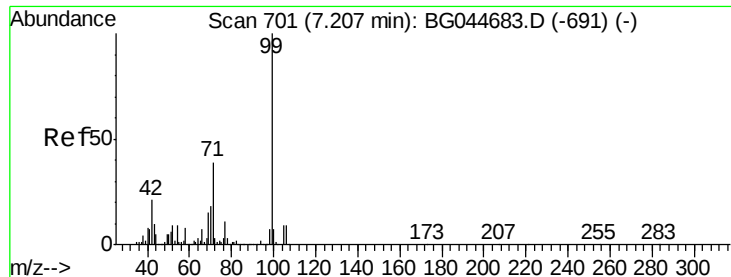


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.657 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

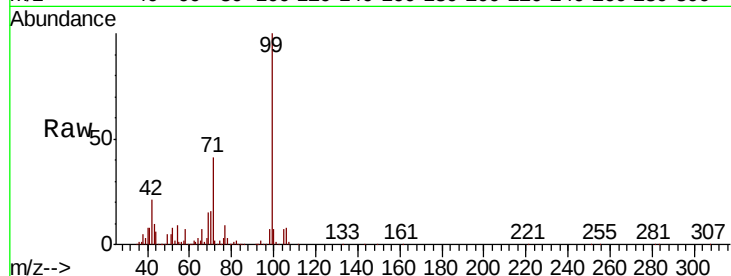
Tot Ion: 99 Resp: 603565

Ion Ratio Lower Upper

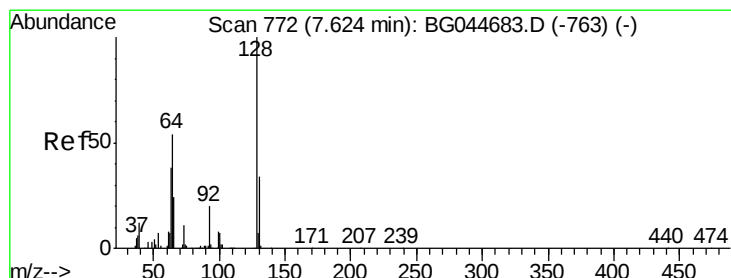
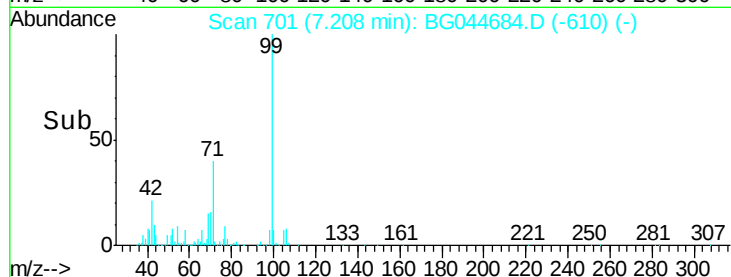
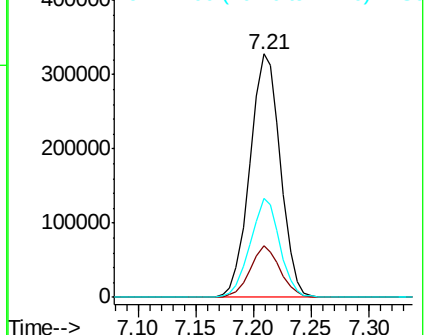
99 100

42 21.1 16.5 24.7

71 40.5 30.9 46.3



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



#8

2-Chlorophenol

Concen: 51.059 ng

RT: 7.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

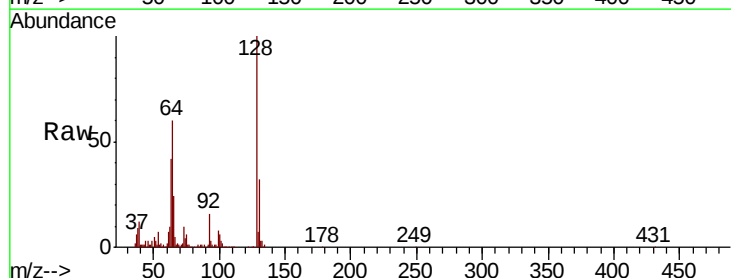
Tgt Ion:128 Resp: 198749

Ion Ratio Lower Upper

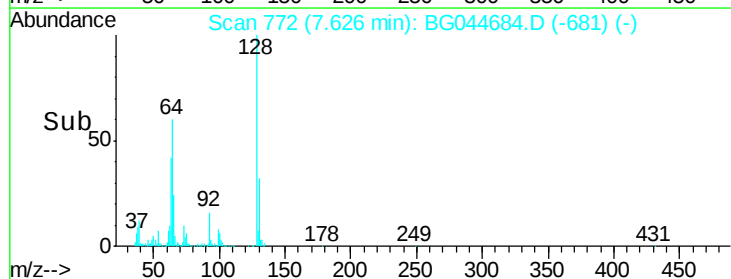
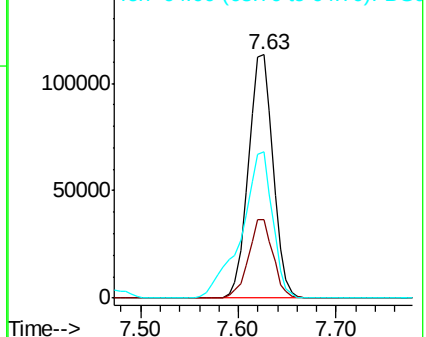
128 100

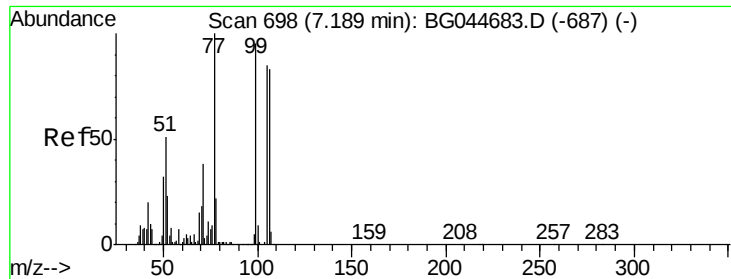
130 32.2 14.0 54.0

64 60.1 37.6 77.6



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





#9

Benzaldehyde

Concen: 59.328 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

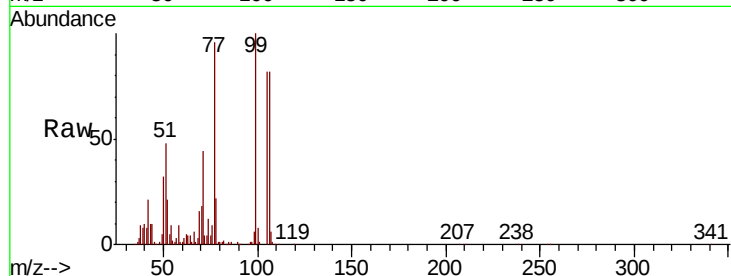
Tot Ion: 77 Resp: 170279

Ion Ratio Lower Upper

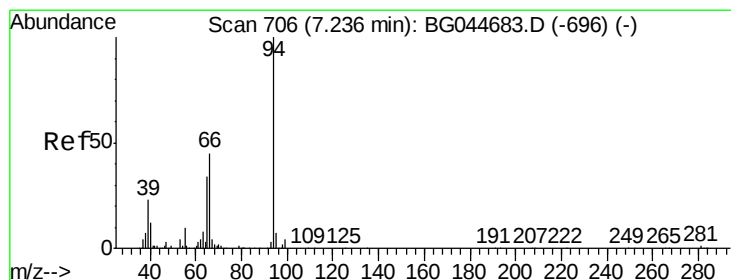
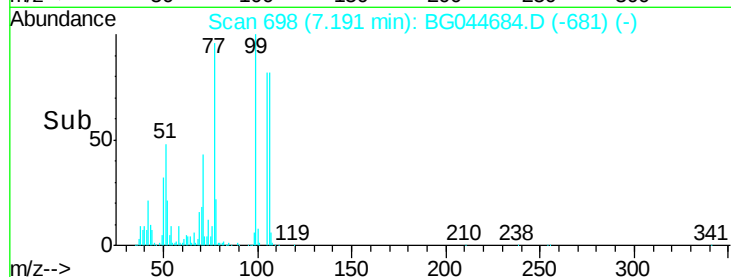
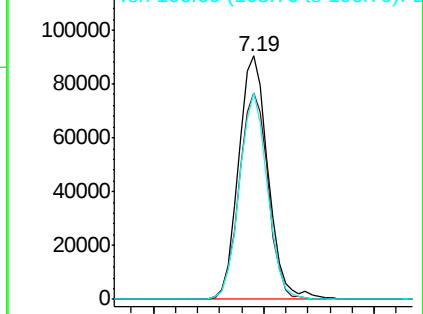
77 100

105 85.0 65.1 105.1

106 84.9 63.1 103.1



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



#10

Phenol

Concen: 62.109 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

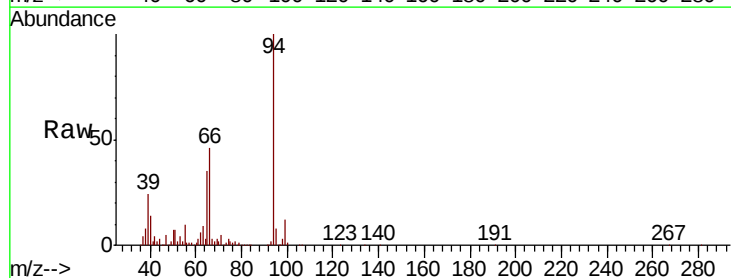
Tgt Ion: 94 Resp: 293778

Ion Ratio Lower Upper

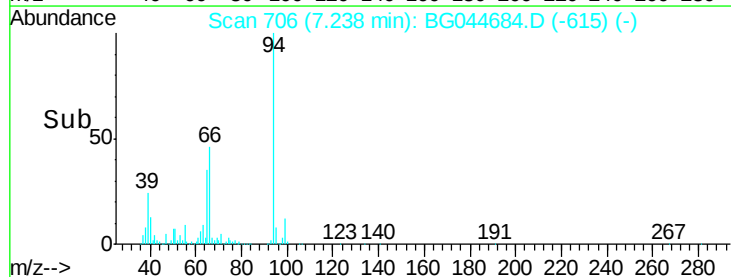
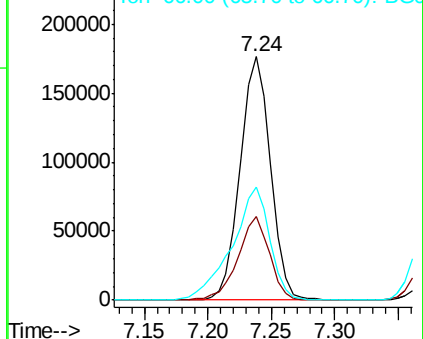
94 100

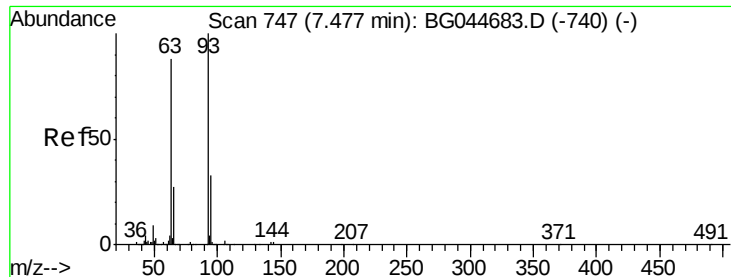
65 34.6 13.5 53.5

66 46.4 25.8 65.8



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

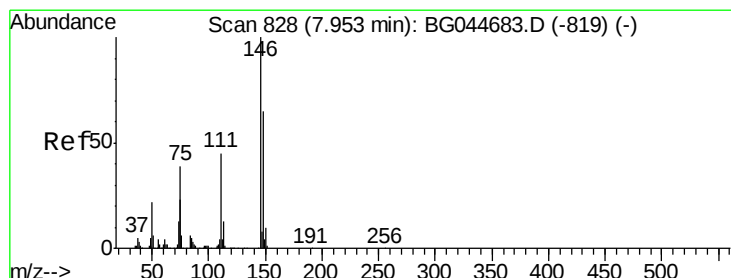
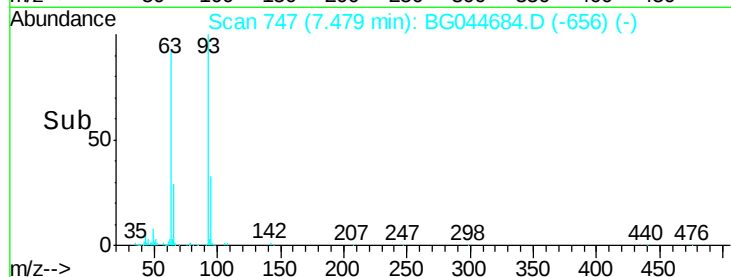
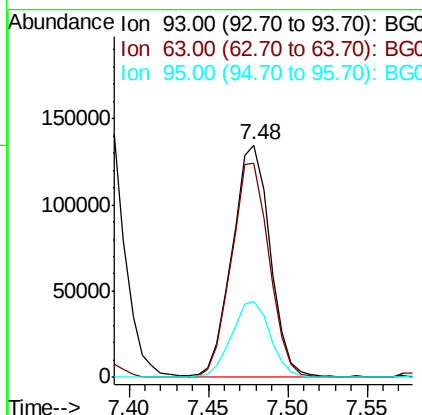
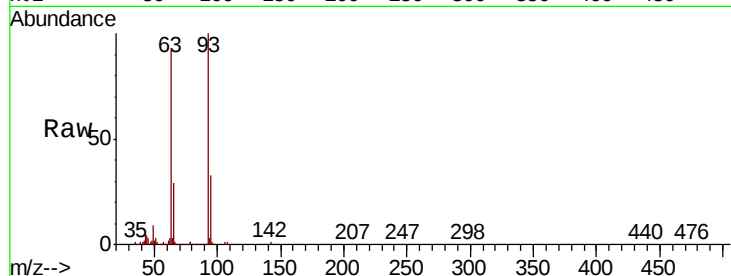




#11
bis(2-Chloroethyl)ether
Concen: 55.921 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

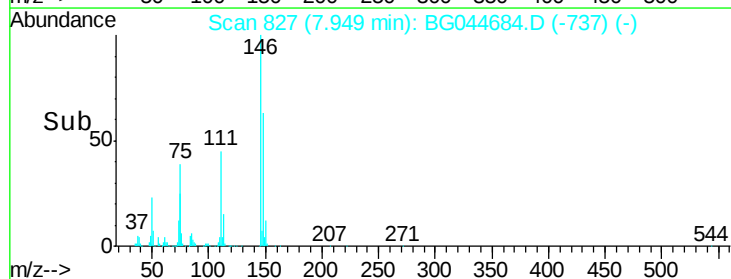
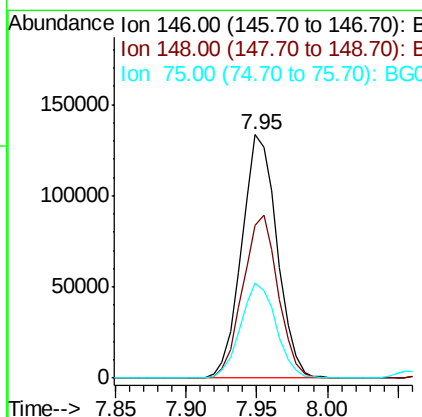
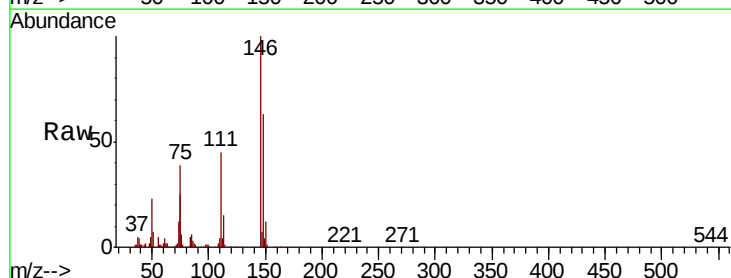
Instrument :
BNA_G
ClientSampleId :

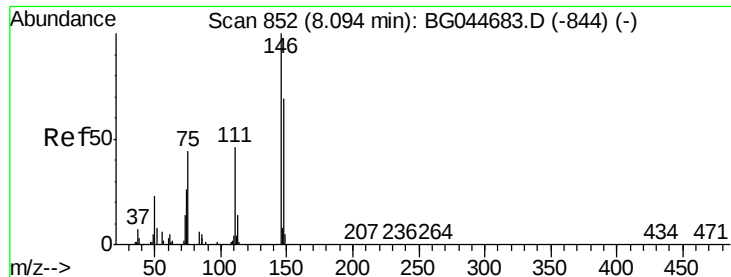
Tot Ion: 93 Resp: 222362
Ion Ratio Lower Upper
93 100
63 92.2 67.8 107.8
95 32.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 50.525 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion: 146 Resp: 234570
Ion Ratio Lower Upper
146 100
148 62.5 51.9 77.9
75 39.1 31.0 46.6

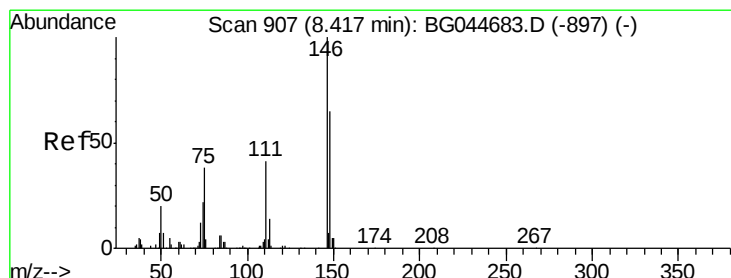
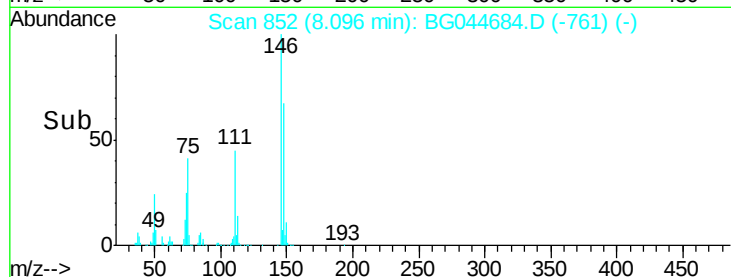
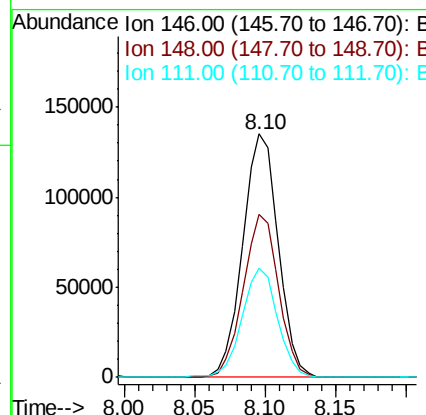
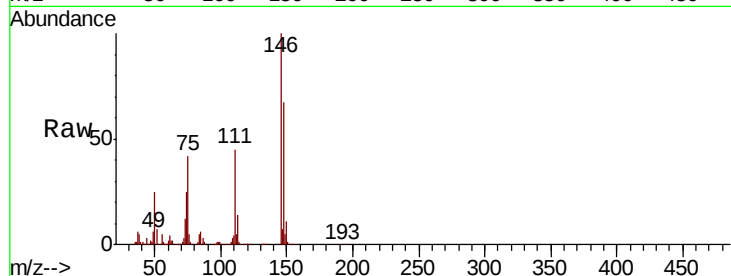




#13
 1,4-Dichlorobenzene
 Concen: 50.950 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

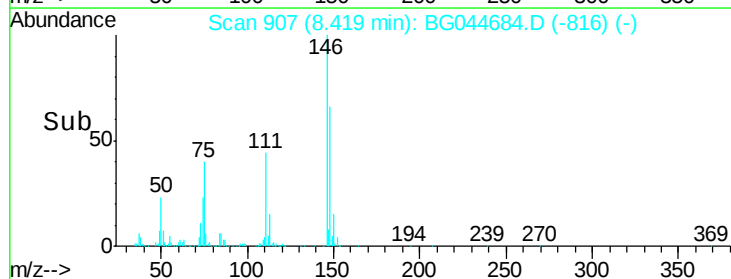
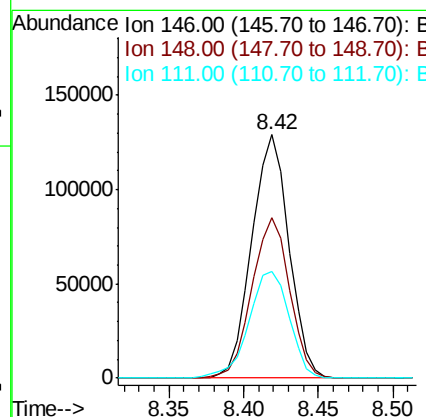
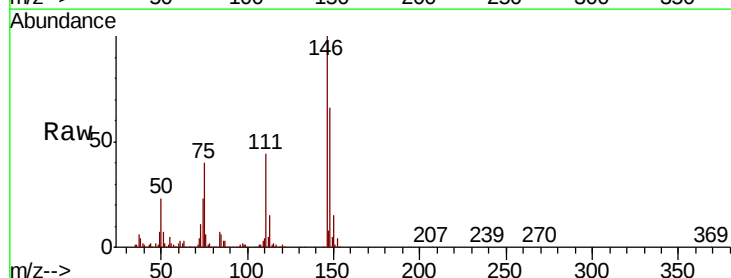
Instrument :
 BNA_G
 ClientSampleId :

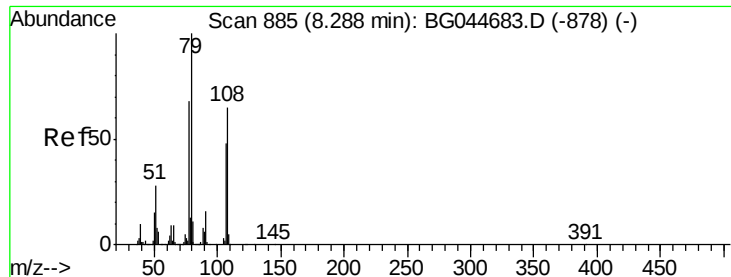
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	55.0	82.4
111	45.1	37.2	55.8



#14
 1,2-Dichlorobenzene
 Concen: 49.991 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.8	77.8
111	43.9	33.4	50.0





#15

Benzyl Alcohol

Concen: 79.284 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

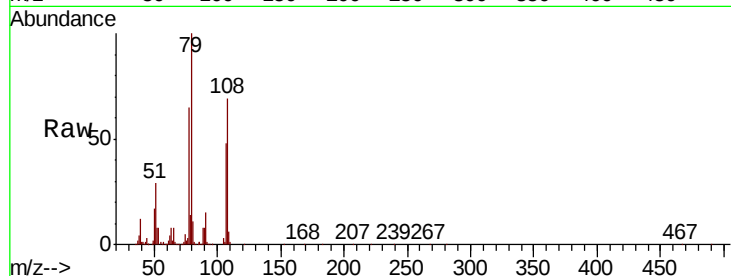
Tot Ion: 79 Resp: 260989

Ion Ratio Lower Upper

79 100

108 69.1 52.2 78.4

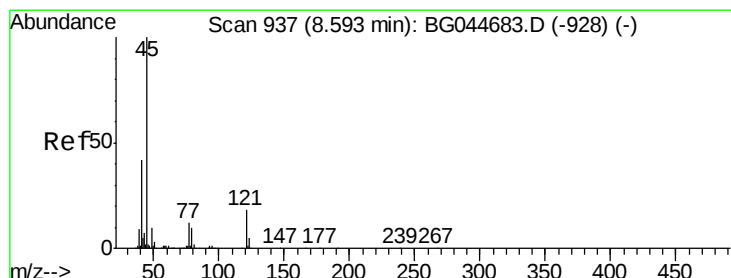
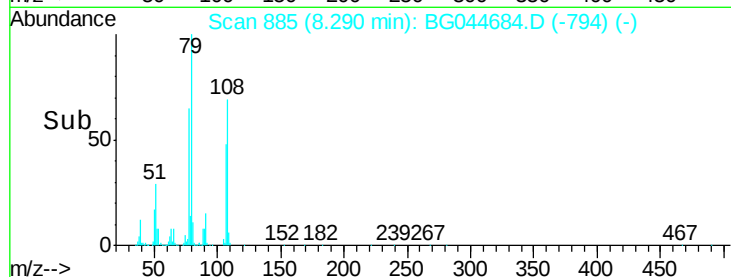
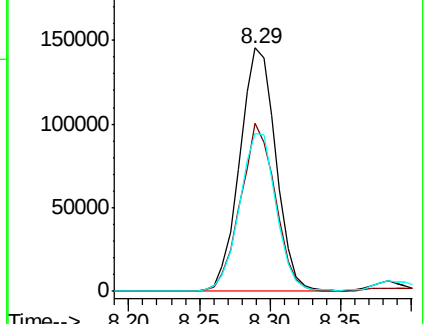
77 65.0 54.2 81.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.893 ng

RT: 8.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

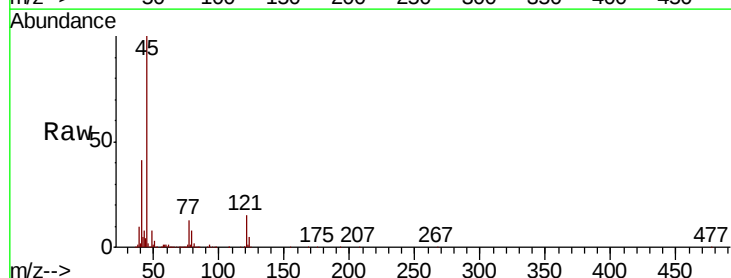
Tgt Ion: 45 Resp: 421607

Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.1

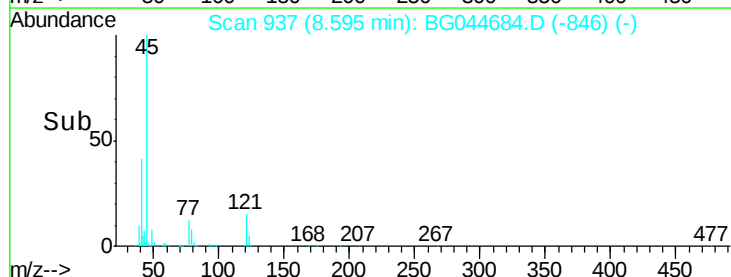
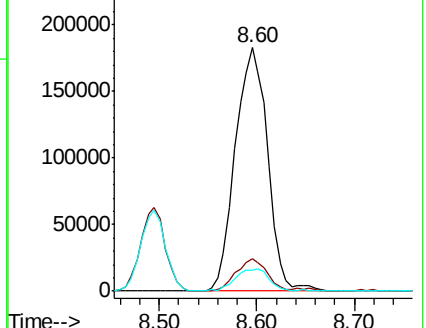
79 8.4 0.0 29.9

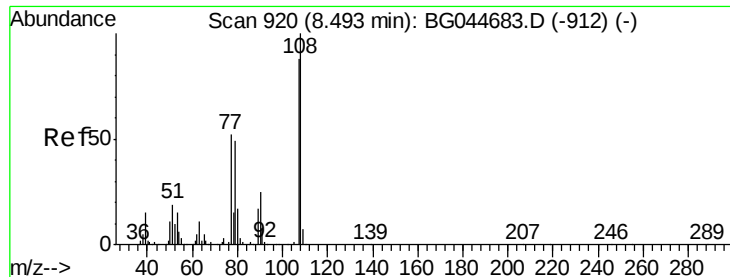


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

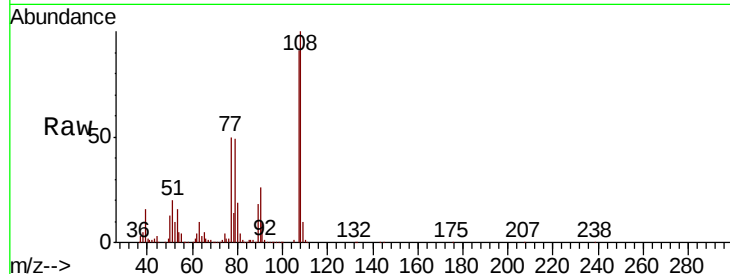




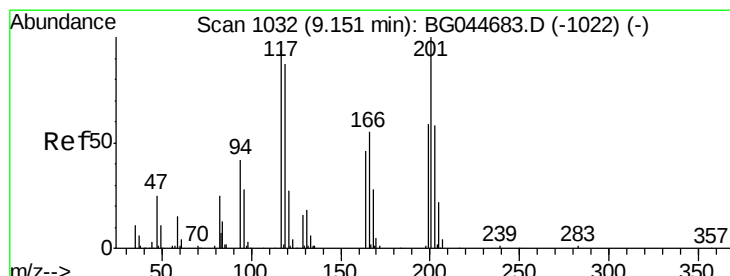
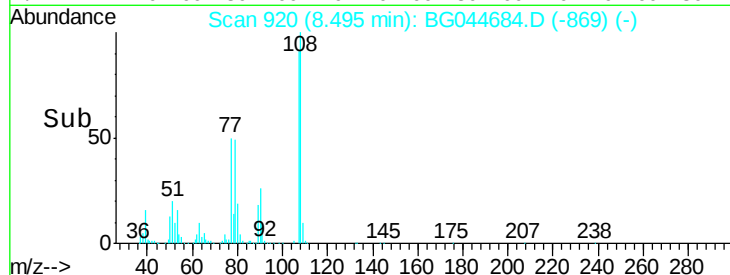
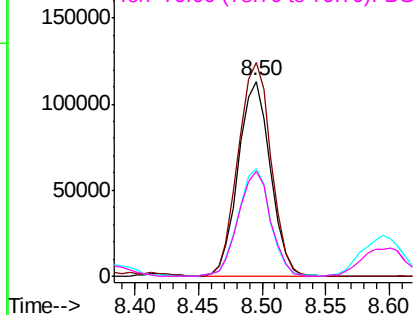
#17
2-Methylphenol
Concen: 59.049 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	90.5	135.7
77	55.0	47.3	70.9
79	53.8	44.6	67.0

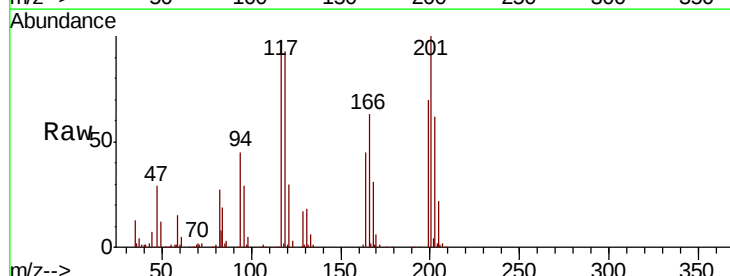


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

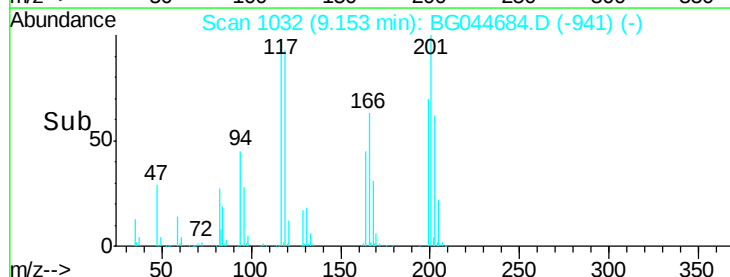
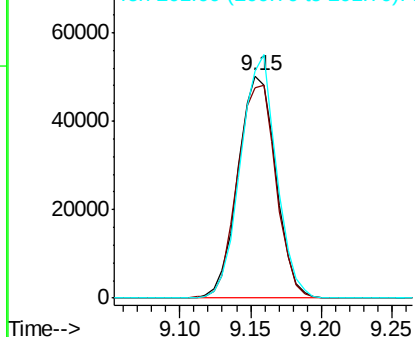


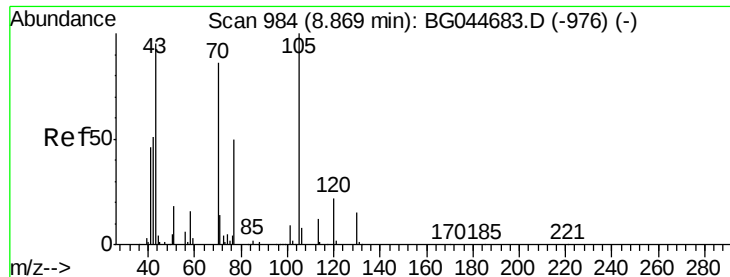
#18
Hexachloroethane
Concen: 55.562 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.5	111.7
201	102.0	85.5	128.3



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

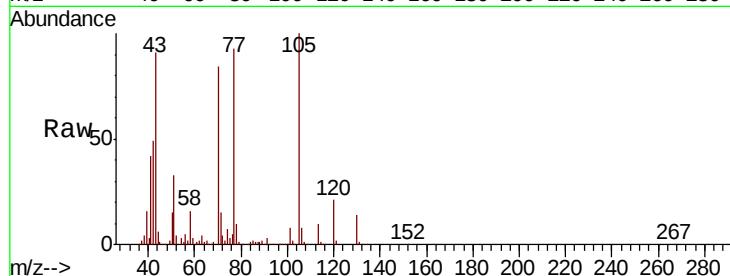




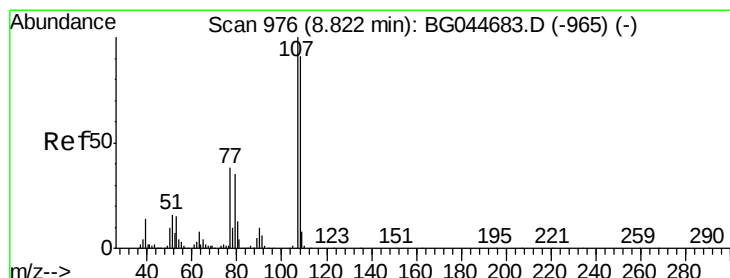
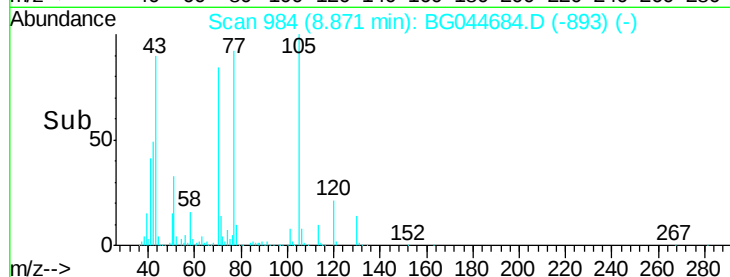
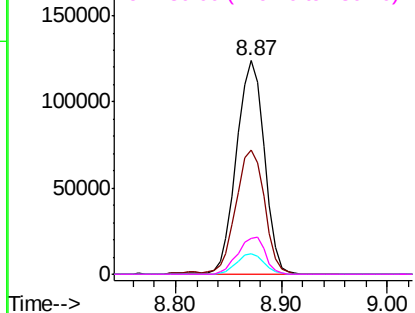
#19
n-Nitroso-di-n-propylamine
Concen: 72.248 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	226676
Ion	Ratio	Lower	Upper
70	100		
42	58.4	48.9	73.3
101	9.4	8.0	12.0
130	16.8	14.1	21.1

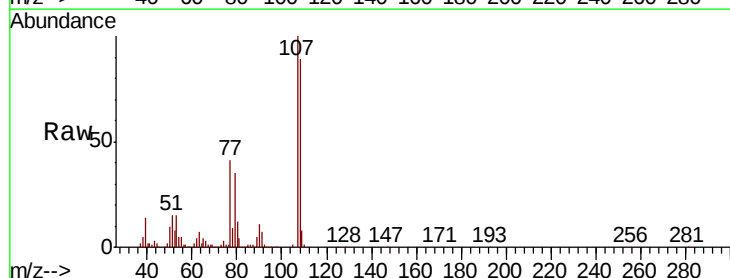


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

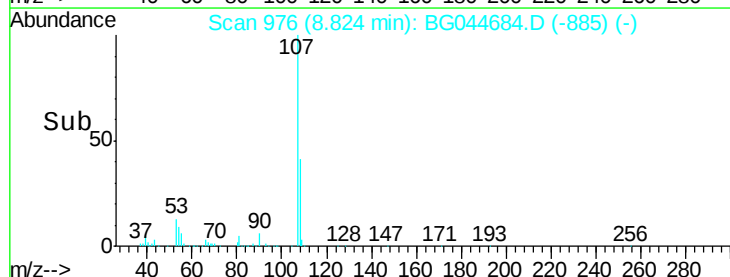
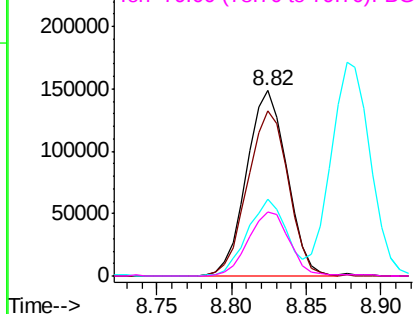


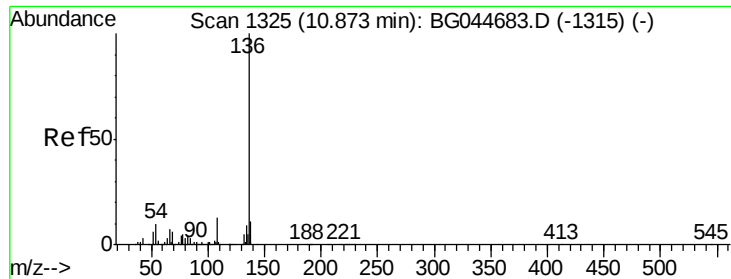
#20
3+4-Methylphenols
Concen: 60.166 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion:	107	Resp:	278344
Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.8	110.8
77	41.4	17.8	57.8
79	34.9	14.9	54.9



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

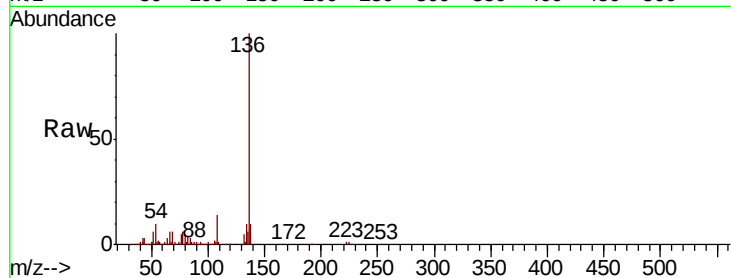




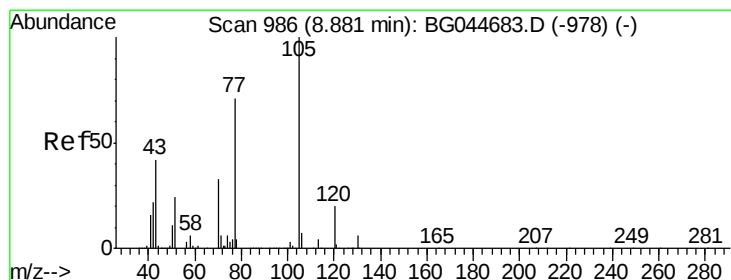
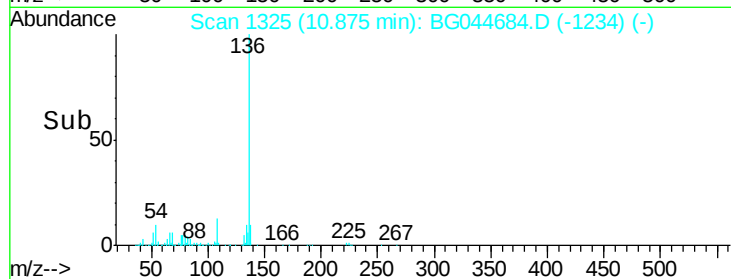
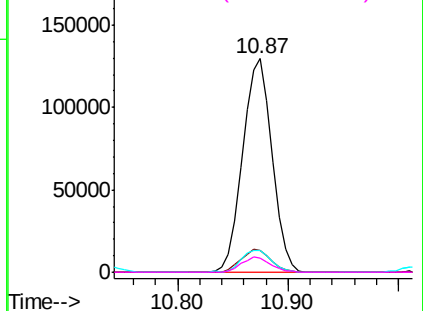
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	242192
Ion Ratio	Lower	Upper
136 100		
137 10.1	8.6	12.8
54 10.4	8.2	12.4
68 6.5	5.3	7.9

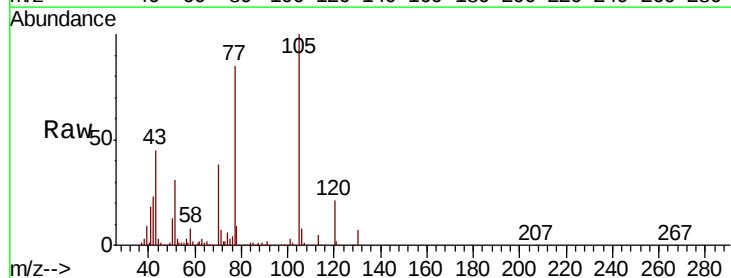


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

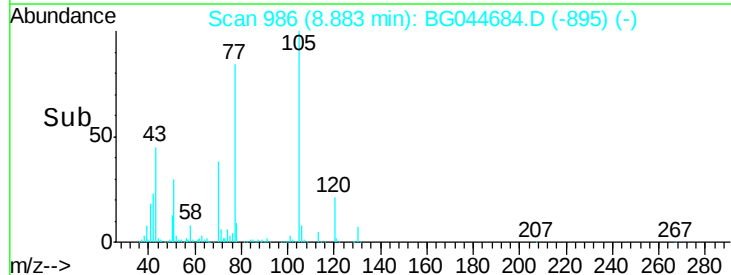
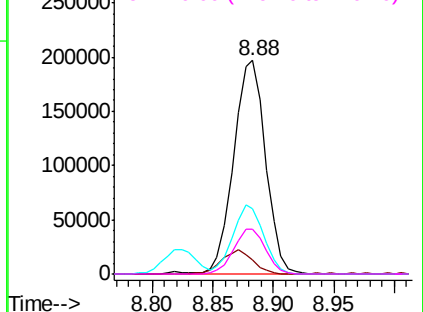


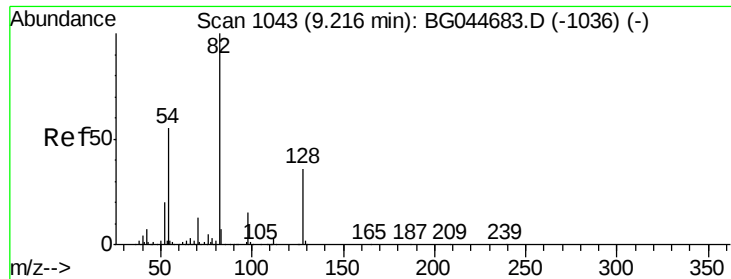
#22
Acetophenone
Concen: 59.411 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt	Ion:105	Resp:	361255
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.8	7.2
51	30.5	24.0	36.0
120	21.2	16.2	24.2



Abundance Ion 105.00 (104.70 to 105.70): E
300000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

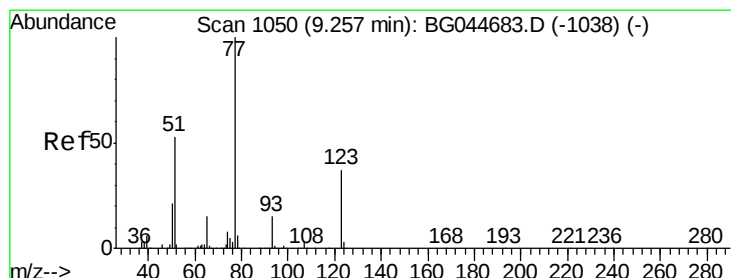
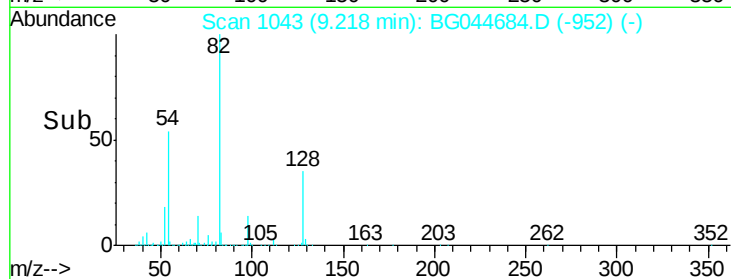
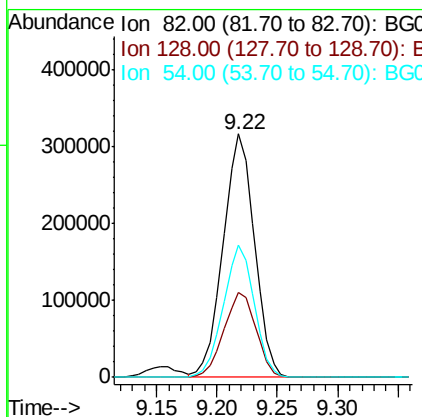
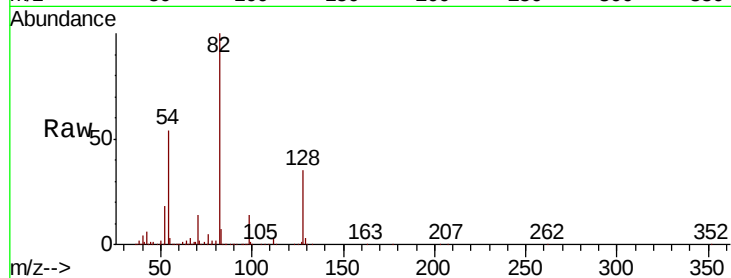




#23
 Nitrobenzene-d5
 Concen: 121.221 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

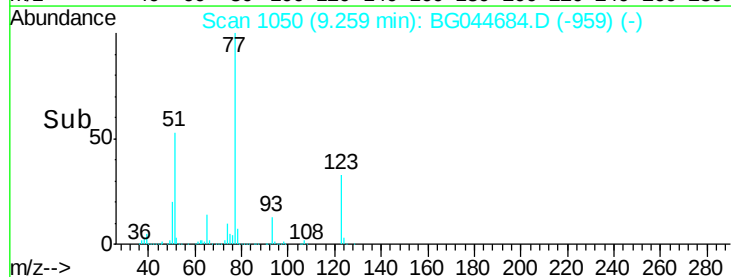
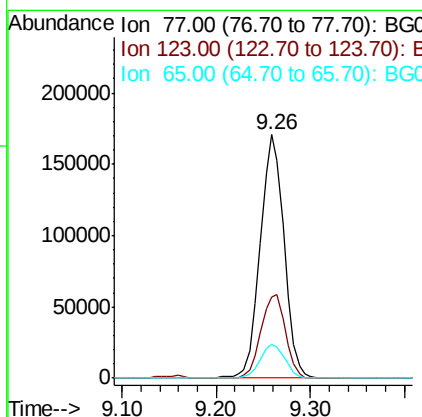
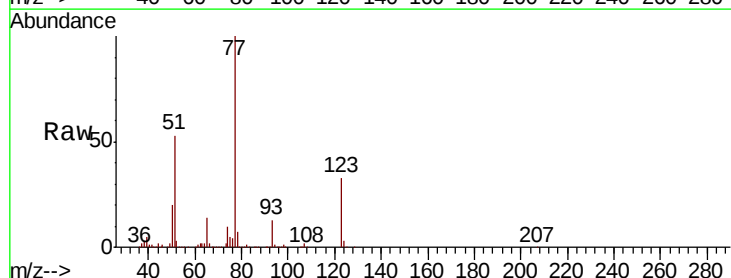
Instrument :
 BNA_G
 ClientSampleId :

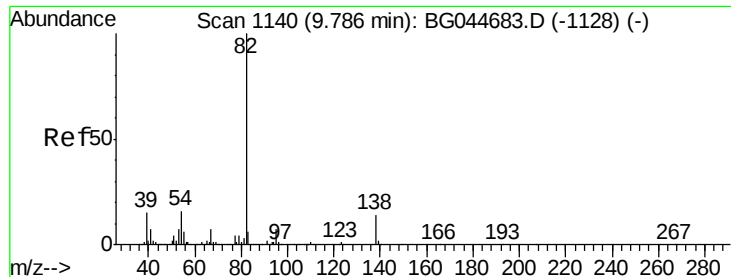
Tot Ion	82	Resp	569870
Ion Ratio	Lower	Upper	
82	100		
128	34.7	28.5	42.7
54	54.3	43.6	65.4



#24
 Nitrobenzene
 Concen: 65.807 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	77	Resp	299717
Ion Ratio	Lower	Upper	
77	100		
123	33.2	29.7	44.5
65	13.9	11.7	17.5





#25

Isophorone

Concen: 67.515 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

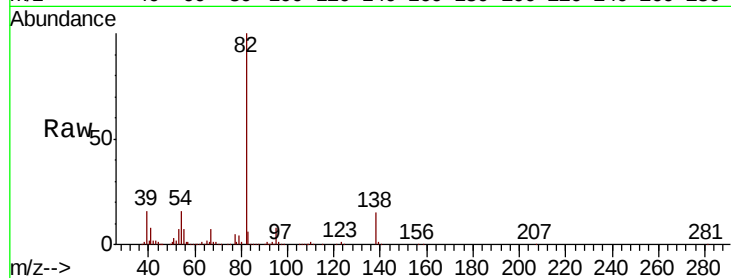
Tot Ion: 82 Resp: 593754

Ion Ratio Lower Upper

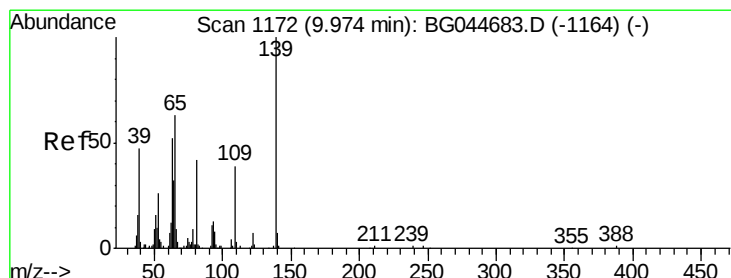
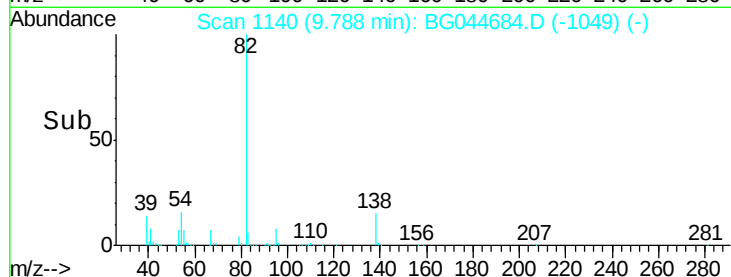
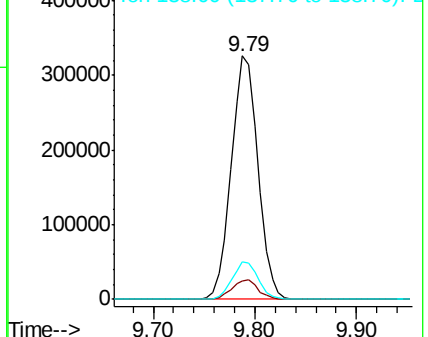
82 100

95 7.6 6.0 9.0

138 15.2 11.2 16.8



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: 40.591 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

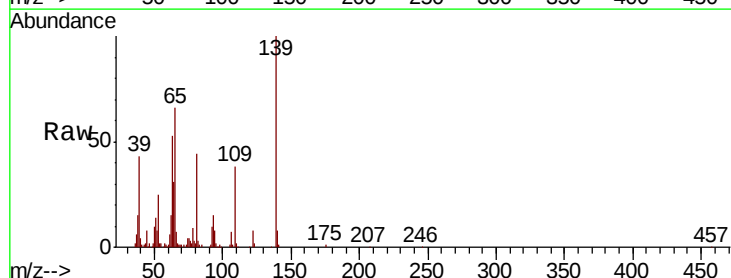
Tgt Ion: 139 Resp: 100261

Ion Ratio Lower Upper

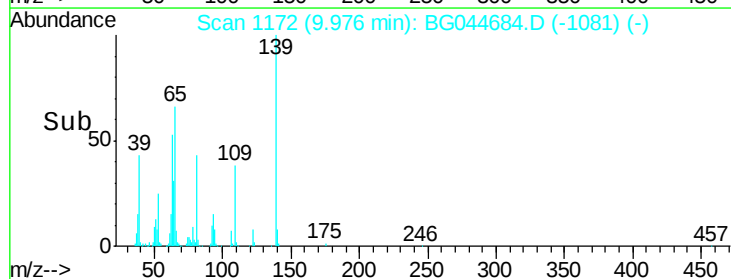
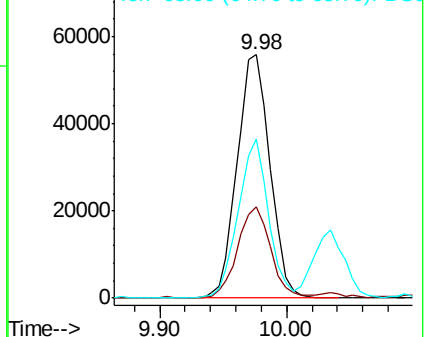
139 100

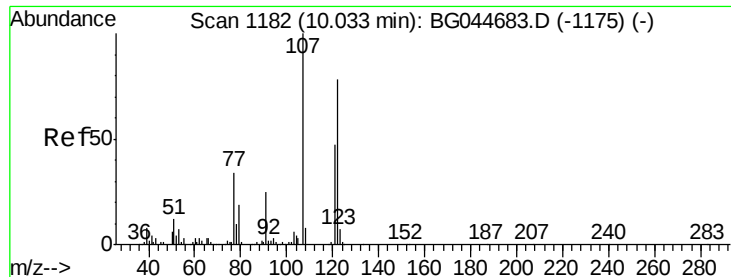
109 37.7 31.1 46.7

65 65.6 50.2 75.4



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

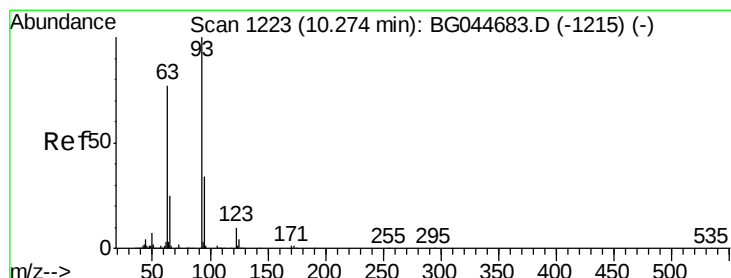
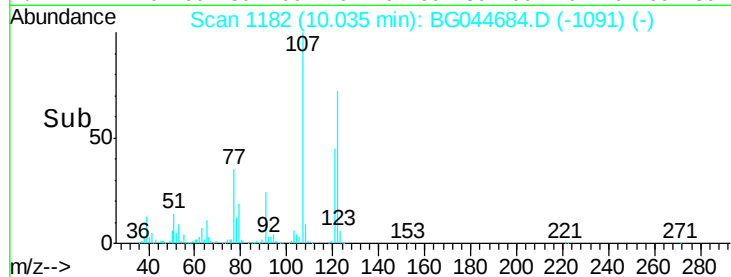
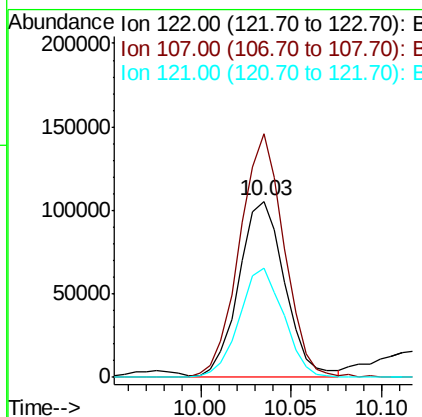
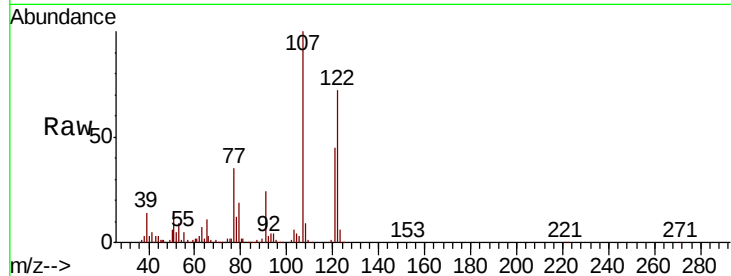




#27
 2,4-Dimethylphenol
 Concen: 53.500 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

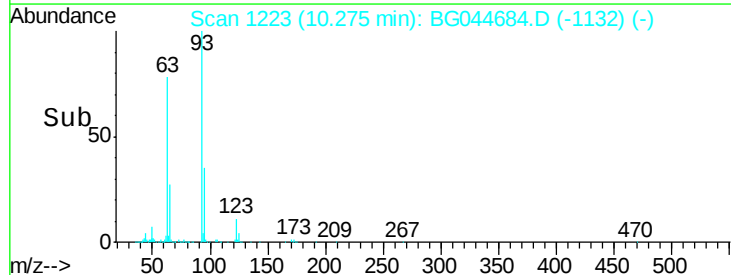
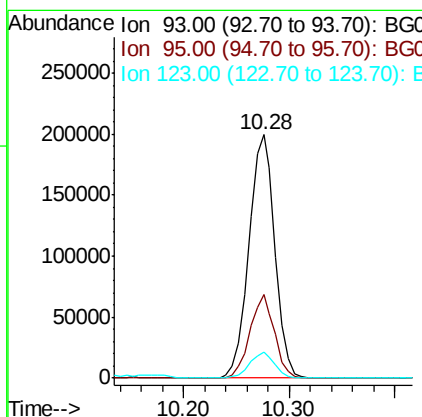
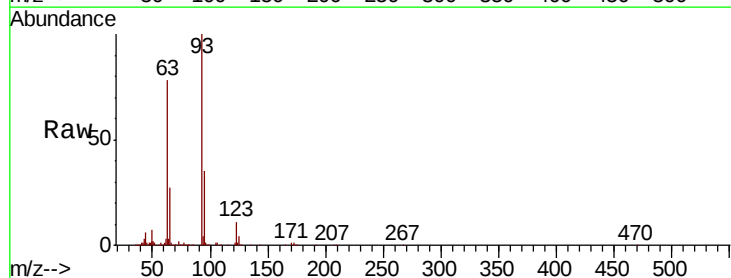
Instrument :
 BNA_G
 ClientSampleId :

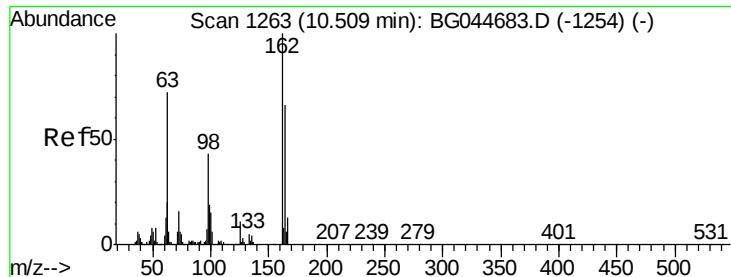
Tot Ion	Ratio	Lower	Upper
122	100		
107	138.4	101.7	152.5
121	62.0	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.435 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	27.0	40.6
123	10.6	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 52.843 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

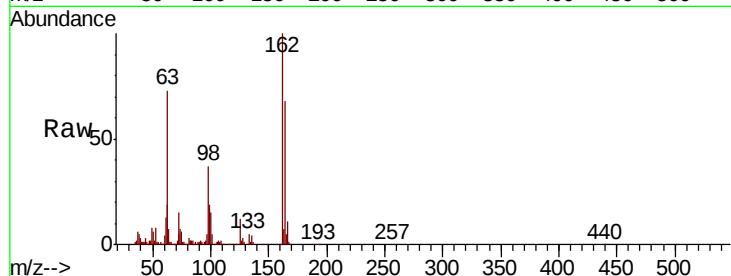
Tot Ion:162 Resp: 219104

Ion Ratio Lower Upper

162 100

164 67.7 46.1 86.1

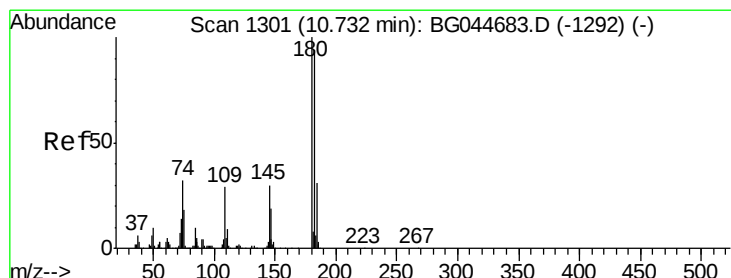
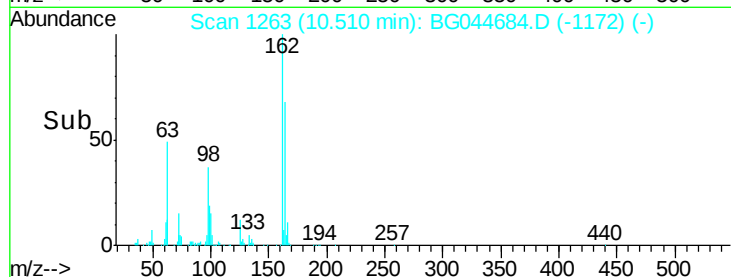
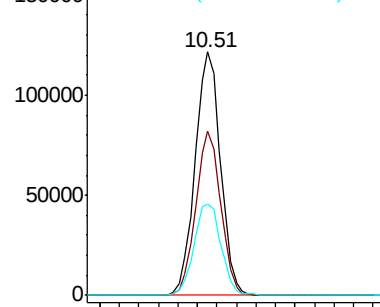
98 37.5 22.8 62.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 52.053 ng

RT: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

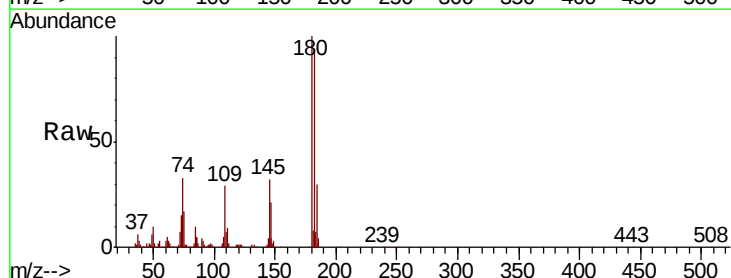
Tgt Ion:180 Resp: 249606

Ion Ratio Lower Upper

180 100

182 94.4 75.1 112.7

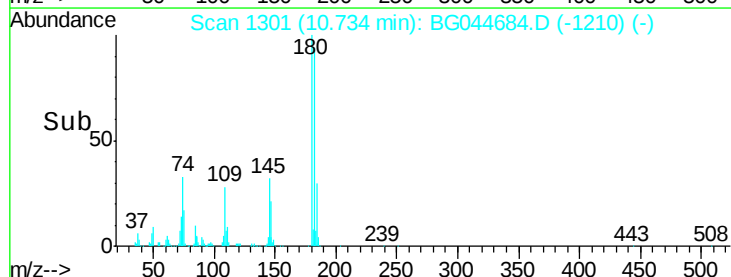
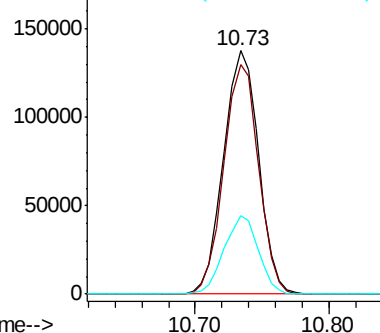
145 32.4 23.8 35.8

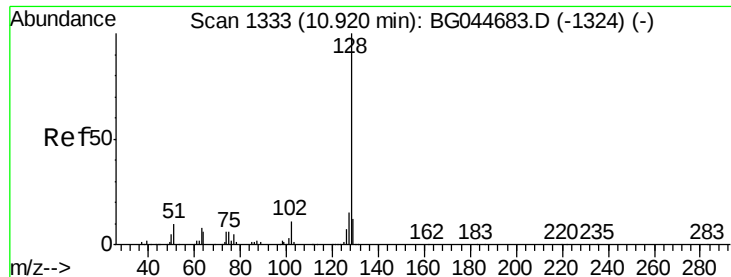


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

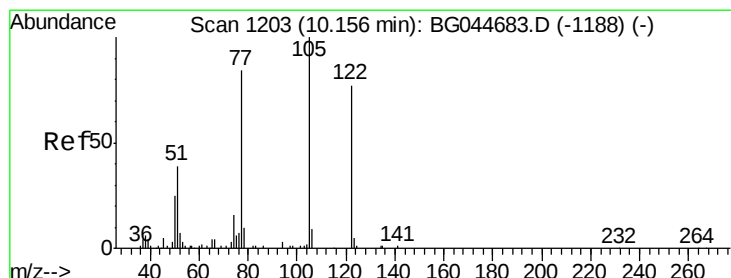
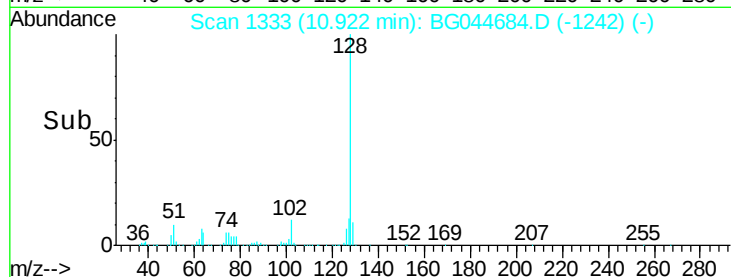
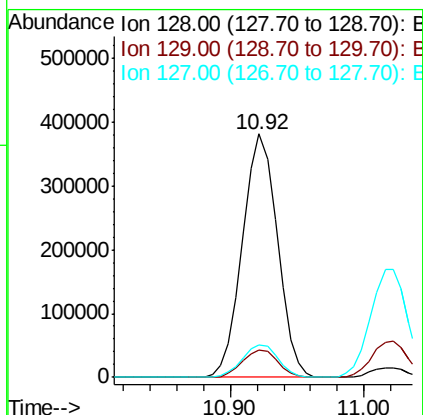
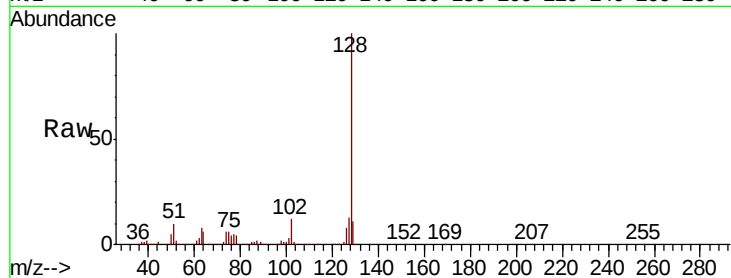




#31
Naphthalene
Concen: 52.350 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

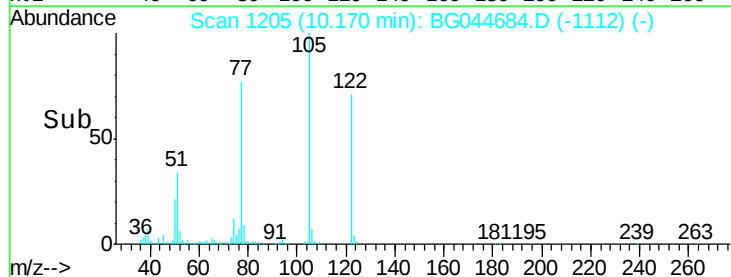
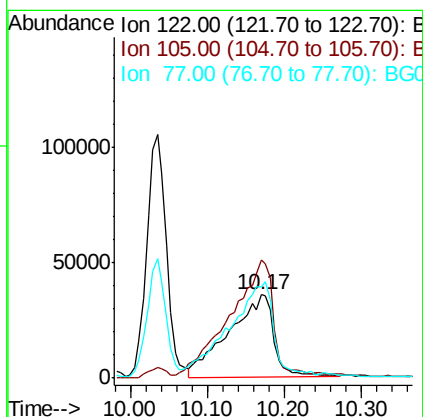
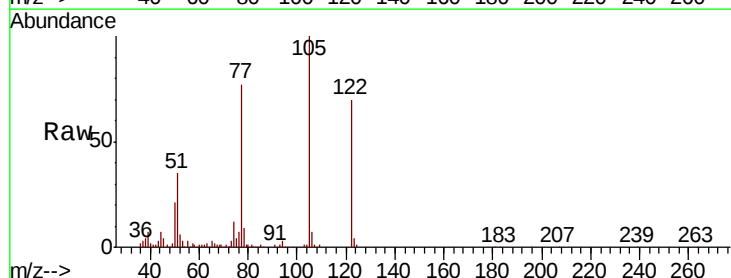
Instrument :
BNA_G
ClientSampleId :

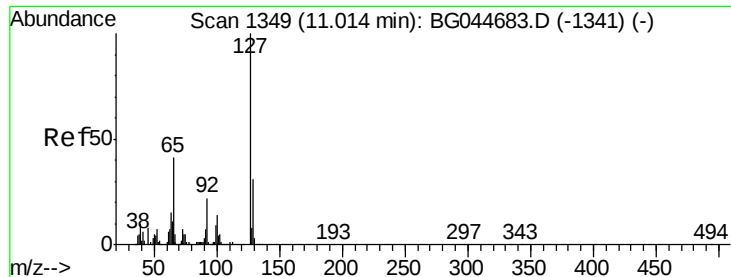
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	13.4	11.6	17.4



#32
Benzoic acid
Concen: 106.708 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.1	105.1	145.1
77	110.0	87.7	127.7

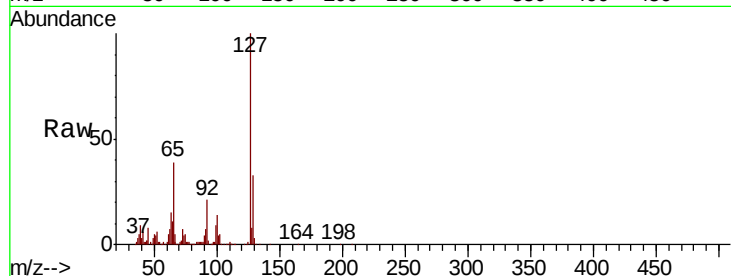




#33
4-Chloroaniline
Concen: 55.279 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	321767
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.0	37.4
65	38.7	32.7	49.1
92	21.4	17.3	25.9



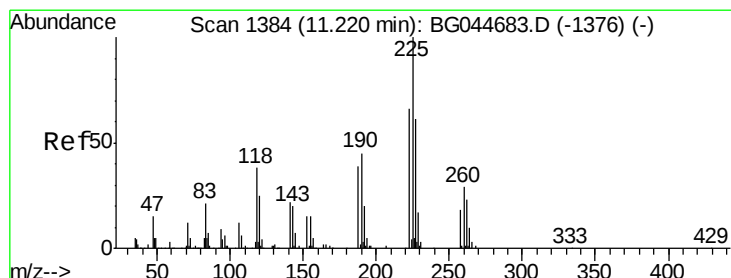
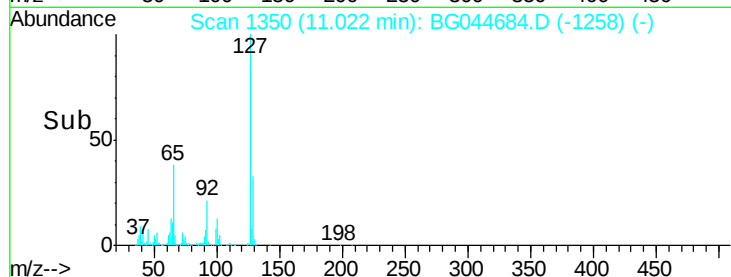
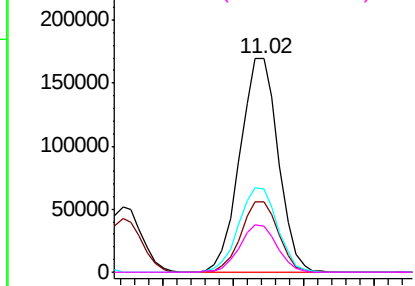
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

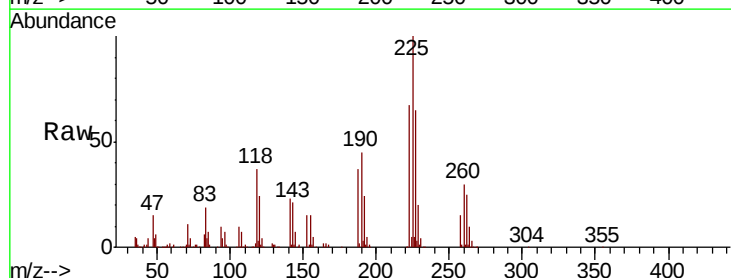
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 56.221 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion:	225	Resp:	169303
Ion	Ratio	Lower	Upper
225	100		
223	67.4	52.4	78.6
227	65.2	48.7	73.1

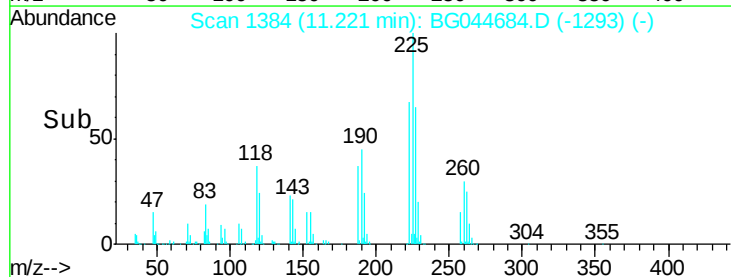
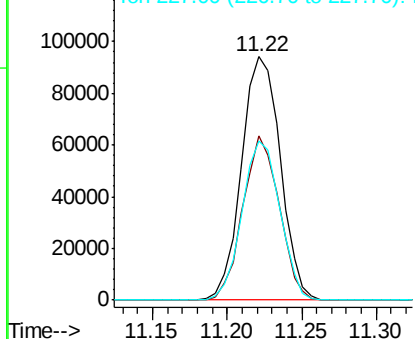


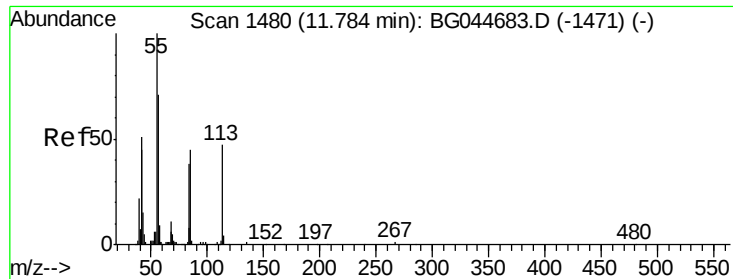
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 59.413 ng

RT: 11.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

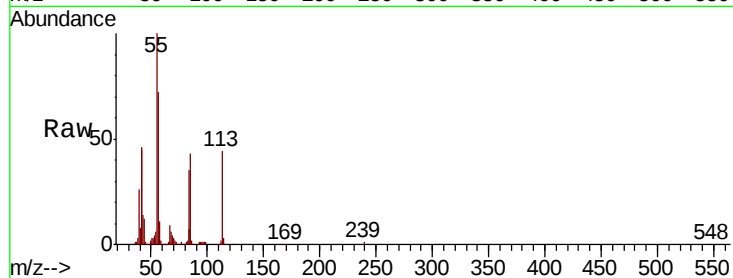
Tot Ion:113 Resp: 88188

Ion Ratio Lower Upper

113 100

55 225.7 194.3 234.3

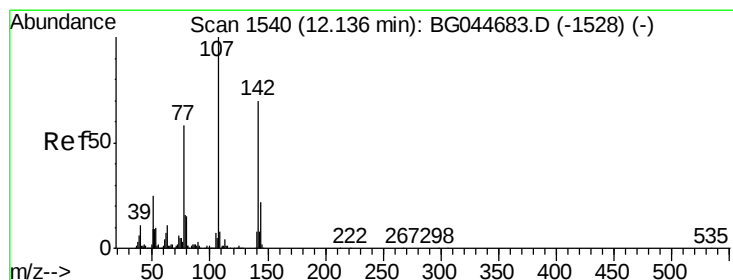
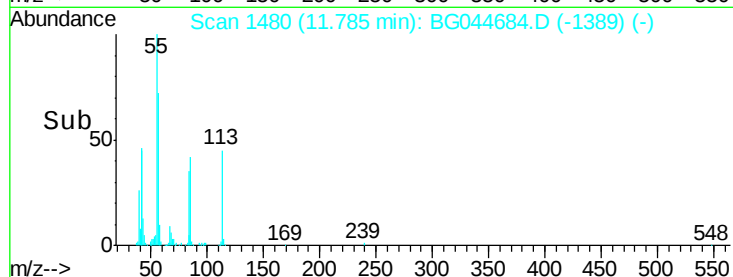
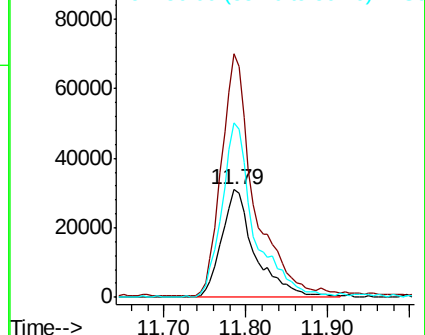
56 162.2 131.4 171.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 63.599 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

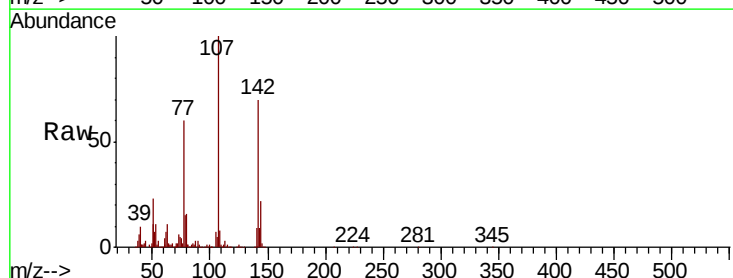
Tgt Ion:107 Resp: 271445

Ion Ratio Lower Upper

107 100

144 21.8 17.9 26.9

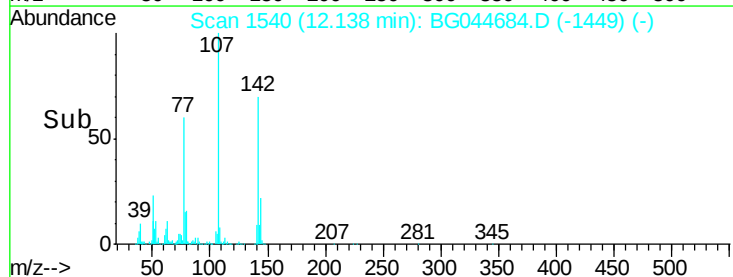
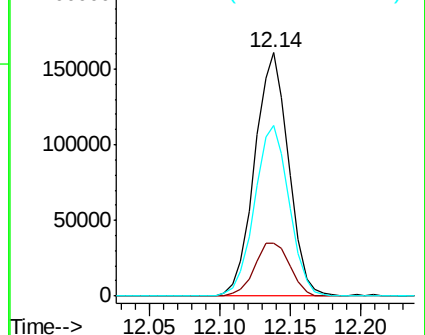
142 69.9 55.8 83.8

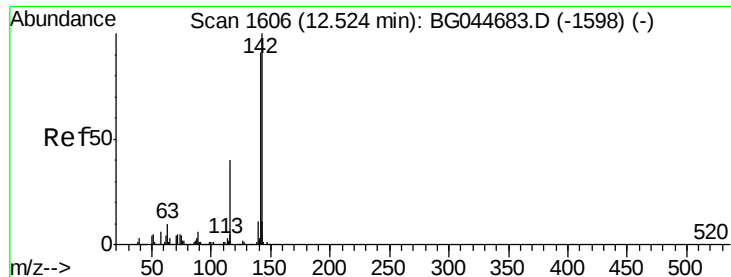


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

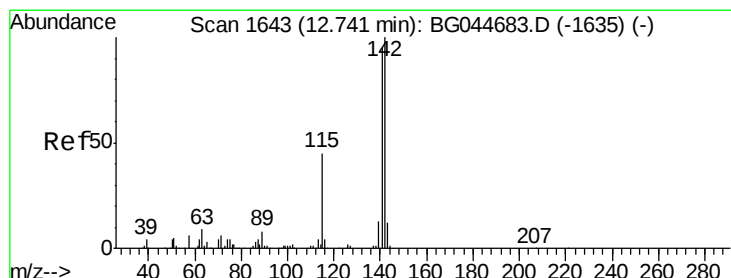
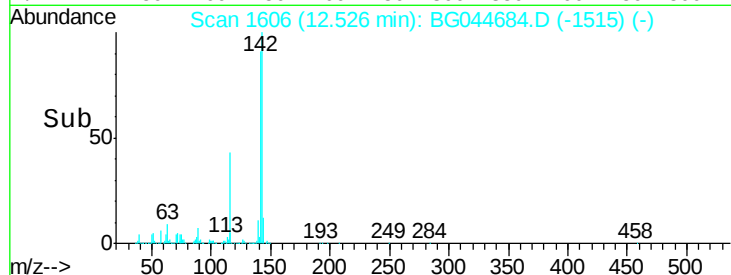
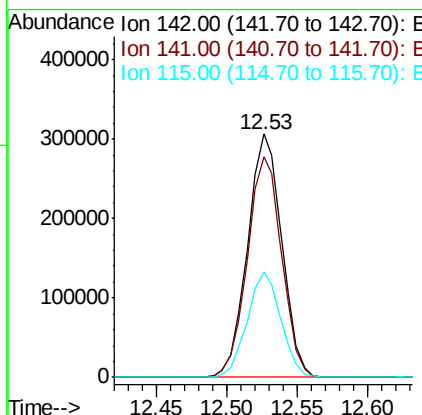
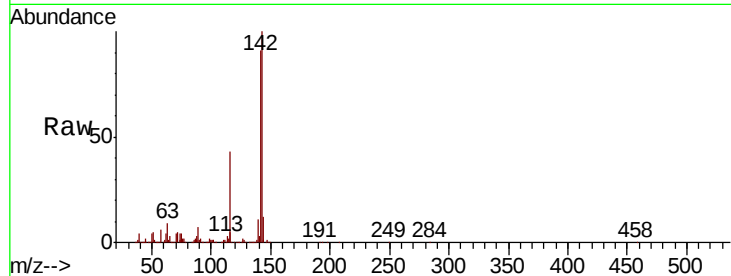




#37
2-Methylnaphthalene
Concen: 53.252 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

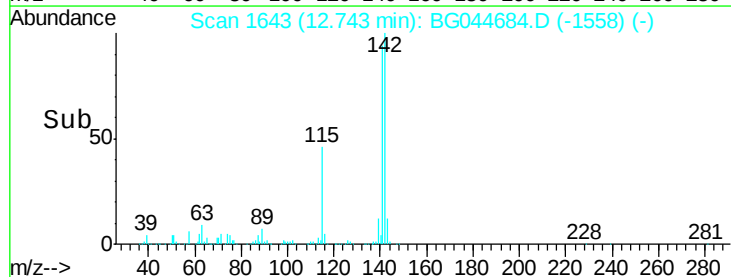
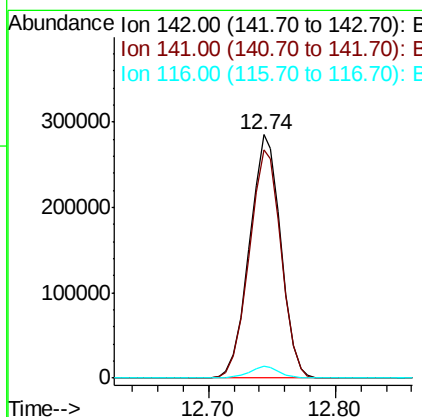
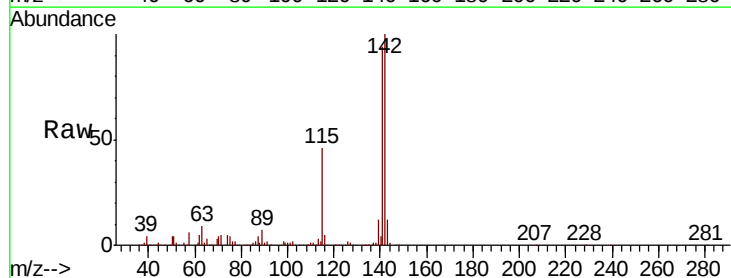
Instrument :
BNA_G
ClientSampleId :

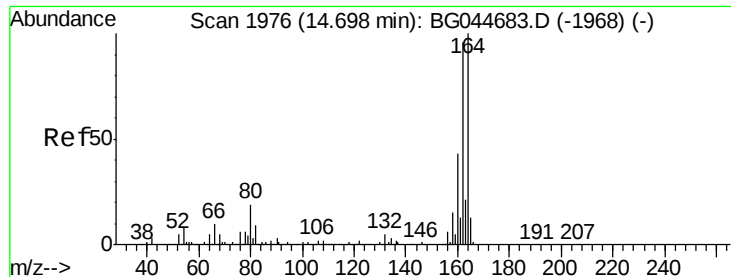
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
115	43.0	32.3	48.5



#38
1-Methylnaphthalene
Concen: 52.631 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	76.2	114.2
116	4.7	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

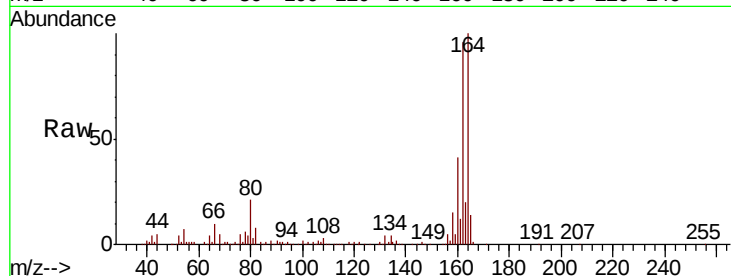
Tot Ion:164 Resp: 168022

Ion Ratio Lower Upper

164 100

162 96.4 76.5 114.7

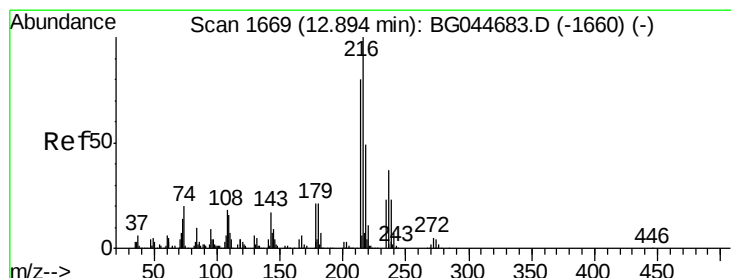
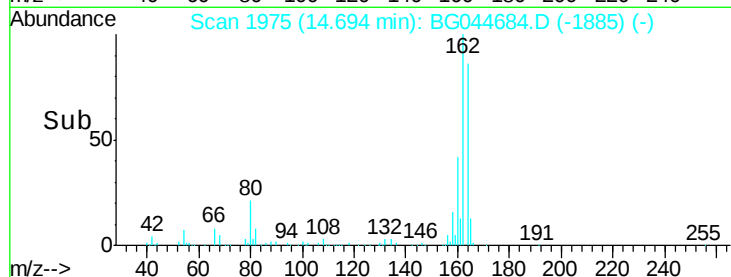
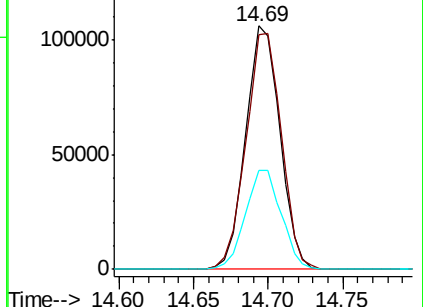
160 40.8 34.8 52.2



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: 49.909 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:216 Resp: 282307

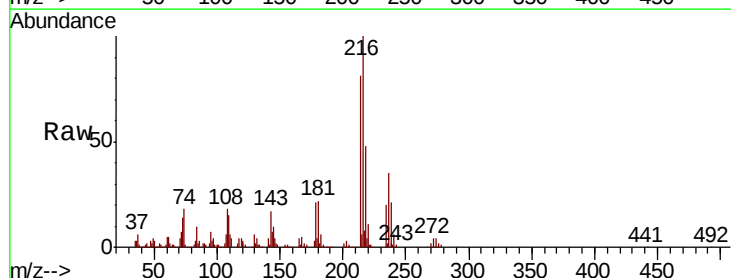
Ion Ratio Lower Upper

216 100

214 80.0 64.5 96.7

179 21.6 16.7 25.1

108 19.8 15.8 23.6

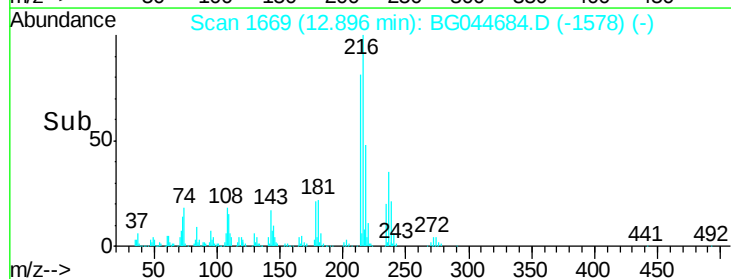
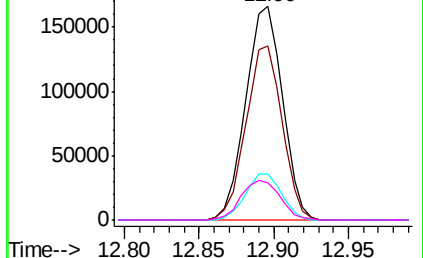


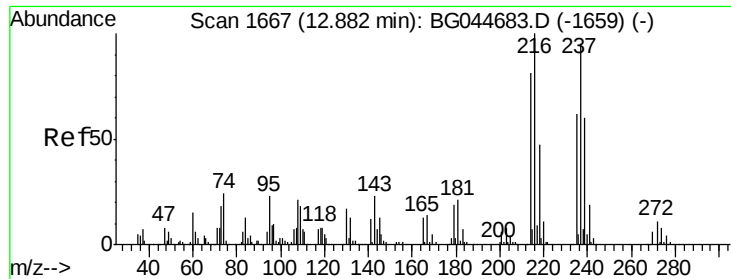
Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.618 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

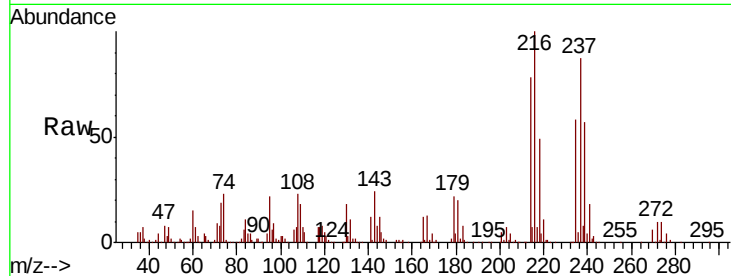
Tot Ion:237 Resp: 166503

Ion Ratio Lower Upper

237 100

235 66.9 44.7 84.7

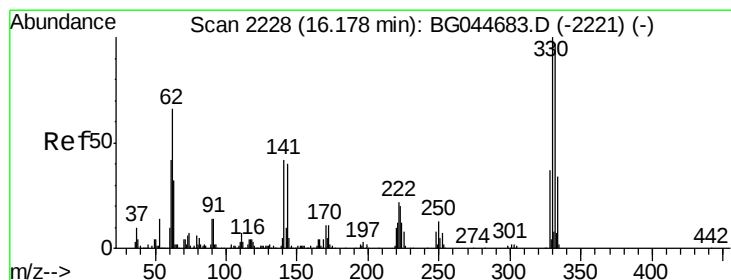
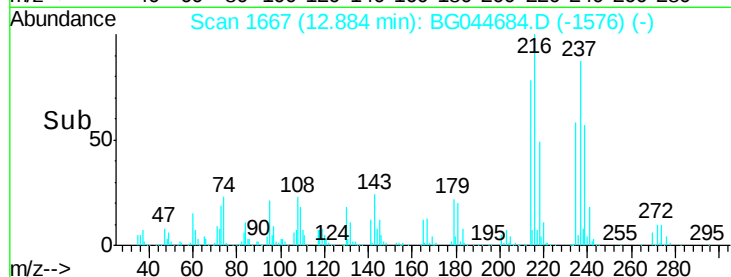
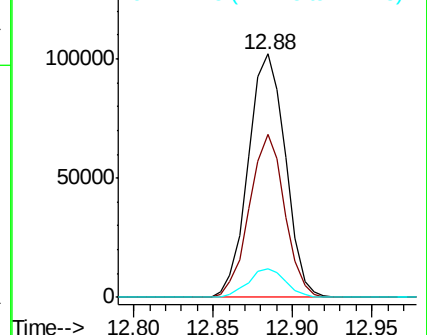
272 11.6 0.0 31.7



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: 100.415 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

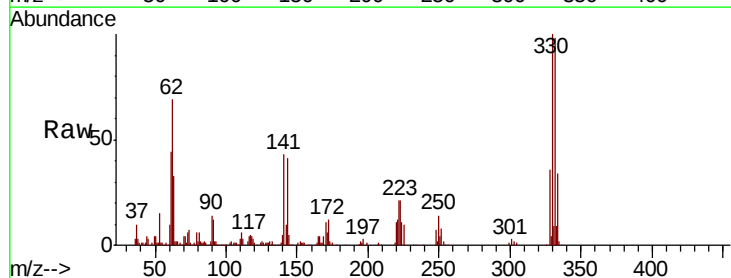
Tgt Ion:330 Resp: 239230

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

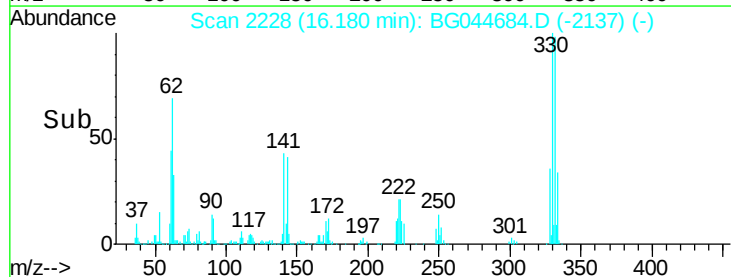
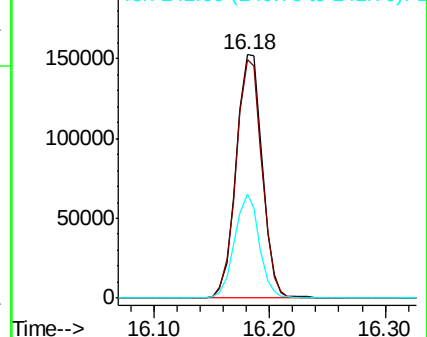
141 40.4 32.4 48.6

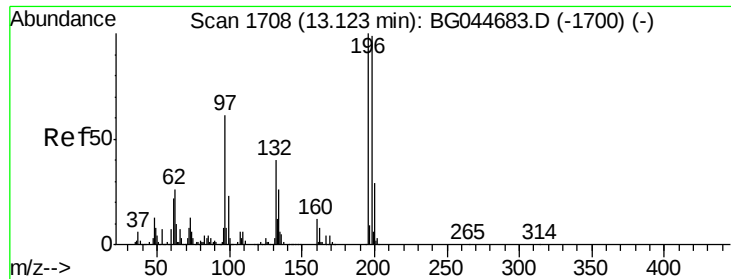


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

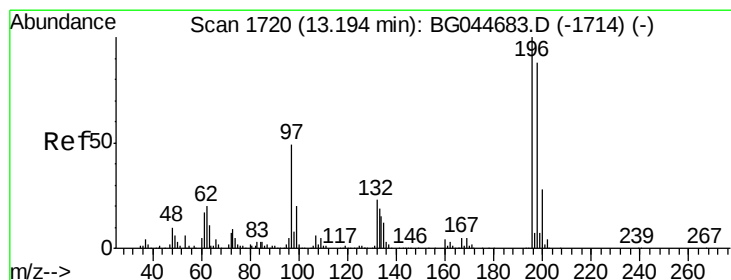
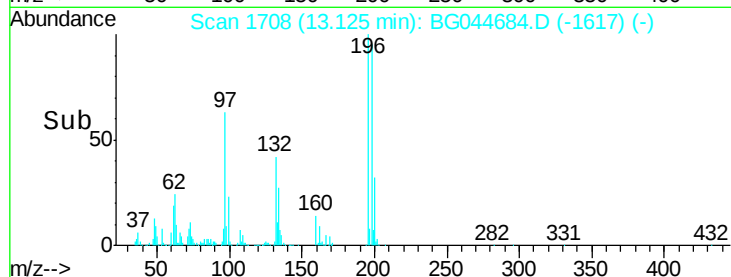
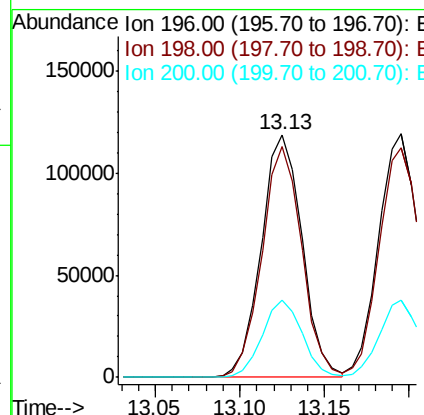
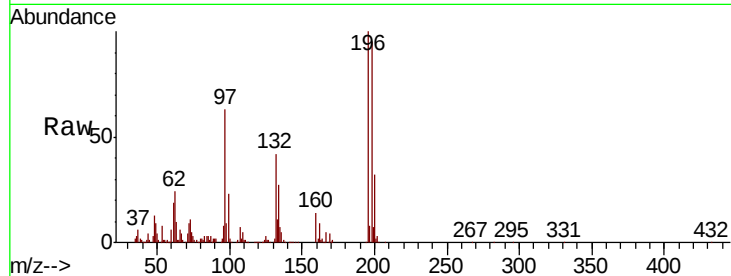




#43
 2,4,6-Trichlorophenol
 Concen: 54.426 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

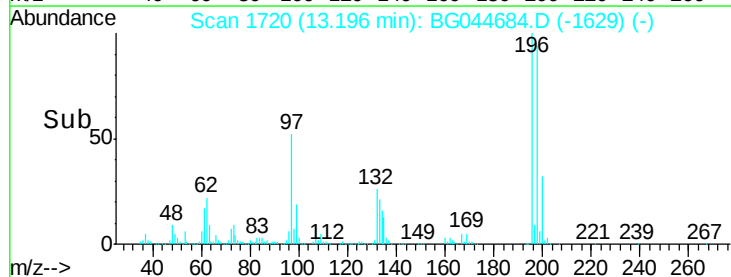
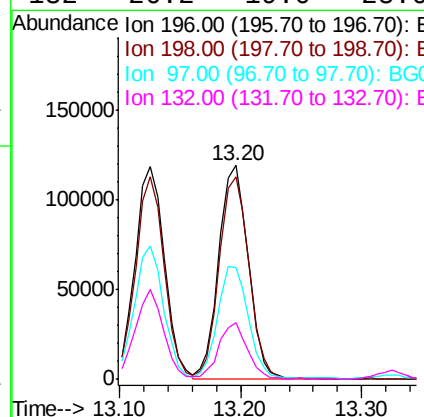
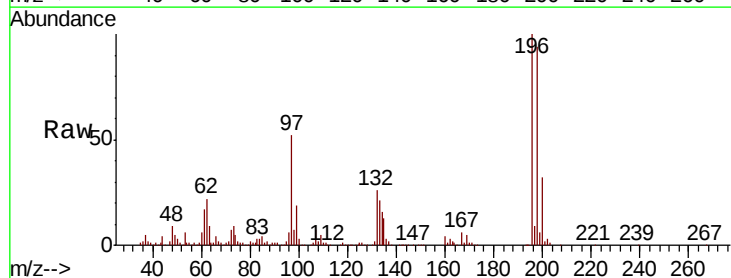
Instrument :
 BNA_G
 ClientSampleId :

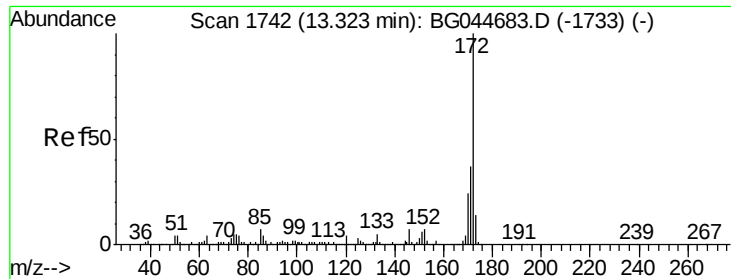
Tot Ion	196	Resp	199897
Ion Ratio	Lower	Upper	
196	100		
198	95.1	79.3	118.9
200	31.7	23.0	34.6



#44
 2,4,5-Trichlorophenol
 Concen: 53.397 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	196	Resp	201459
Ion Ratio	Lower	Upper	
196	100		
198	94.4	70.7	106.1
97	52.3	39.4	59.2
132	26.2	19.0	28.6



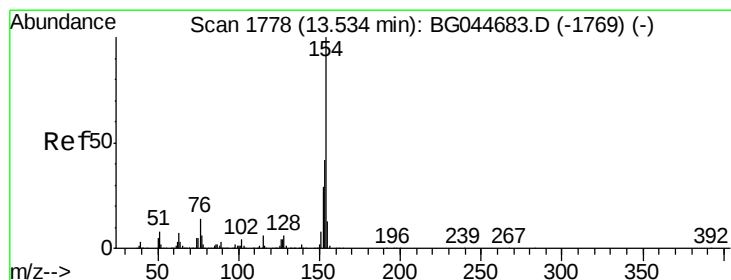
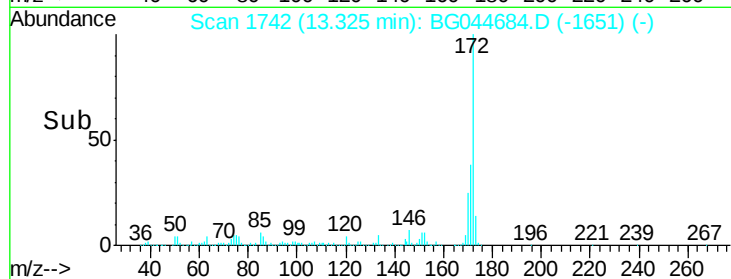
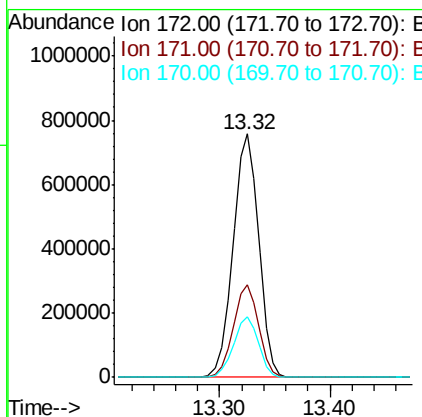
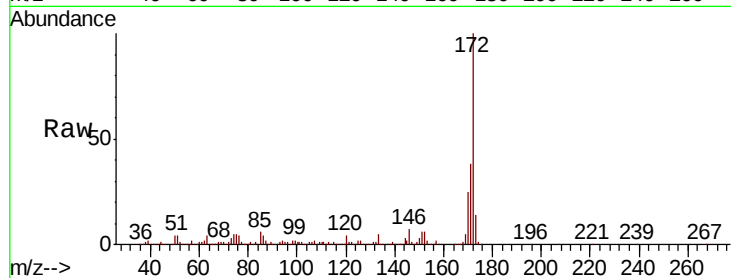


#45
 2-Fluorobiphenyl
 Concen: 104.924 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1231120

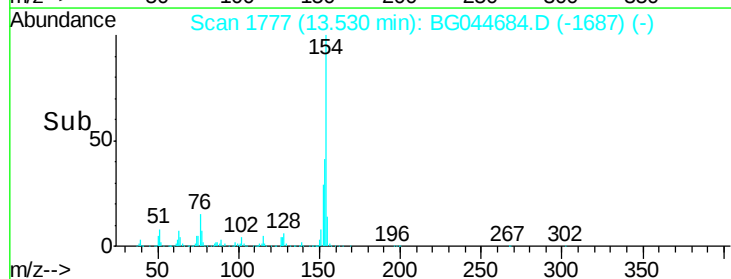
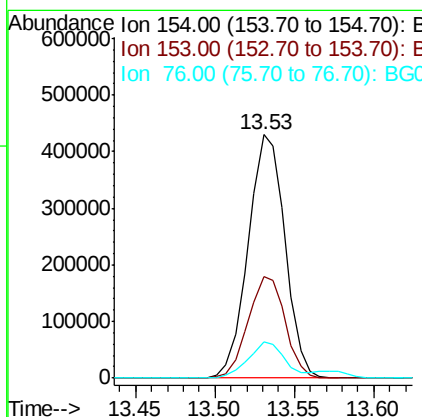
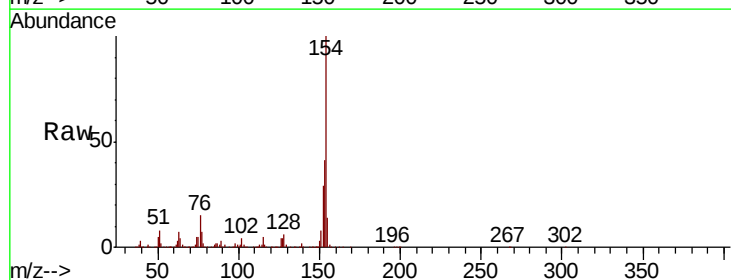
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.8
170	24.8	19.3	28.9

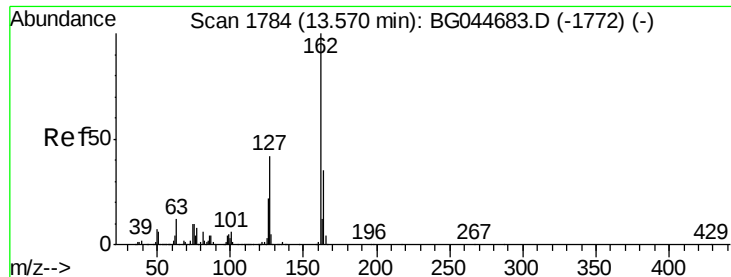


#46
 1,1'-Biphenyl
 Concen: 49.790 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion:154 Resp: 692307

Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	14.8	0.0	34.5

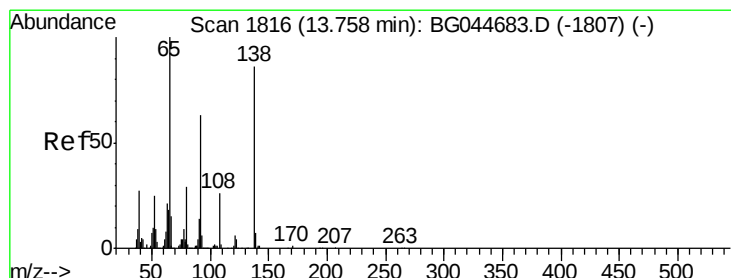
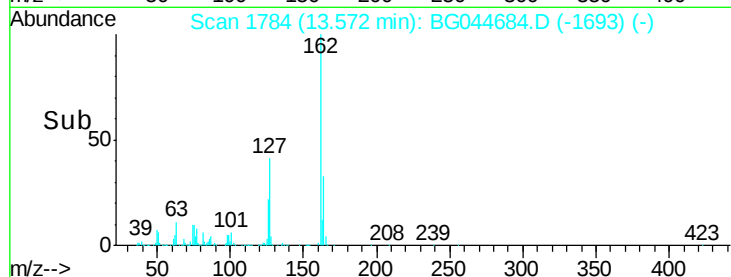
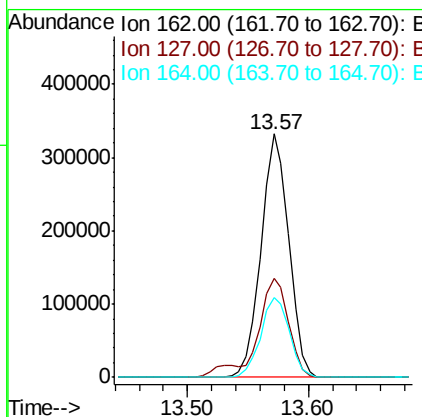
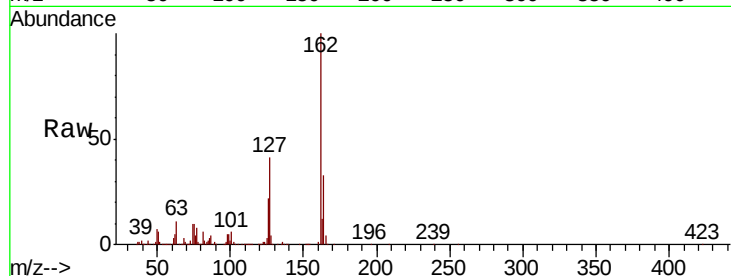




#47
2-Chloronaphthalene
Concen: 48.265 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

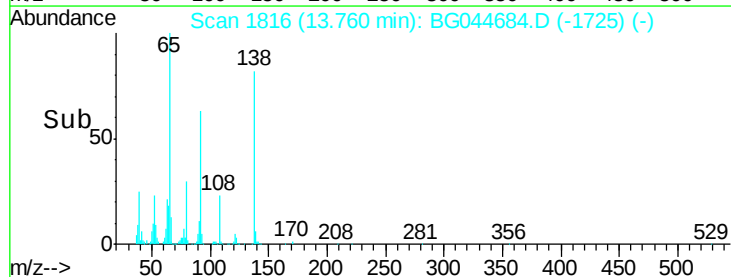
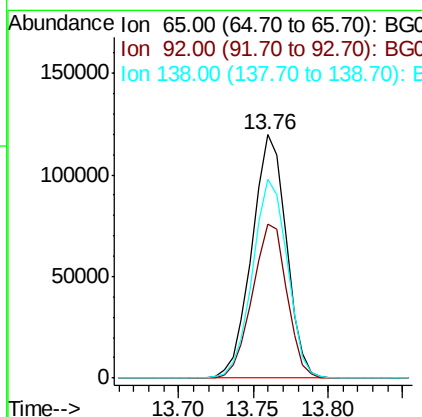
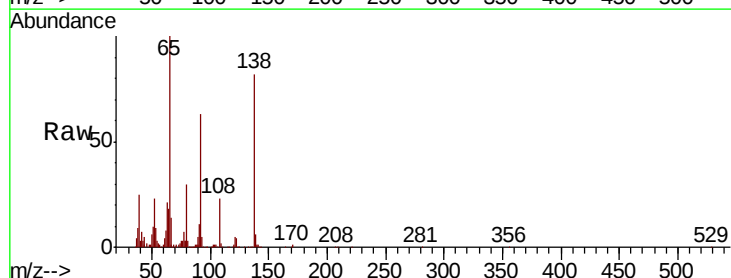
Instrument :
BNA_G
ClientSampleId :

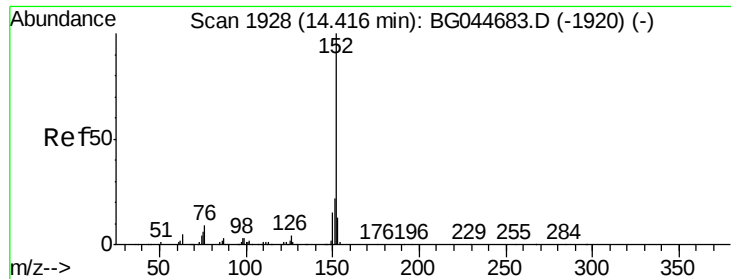
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	32.9	28.3	42.5



#48
2-Nitroaniline
Concen: 63.165 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	50.6	75.8
138	81.6	68.8	103.2





#49

Acenaphthylene

Concen: 52.085 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

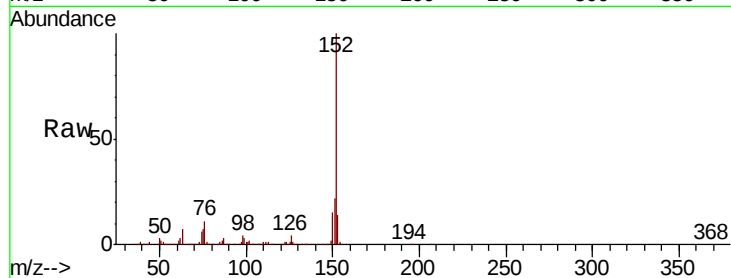
Tot Ion:152 Resp: 838290

Ion Ratio Lower Upper

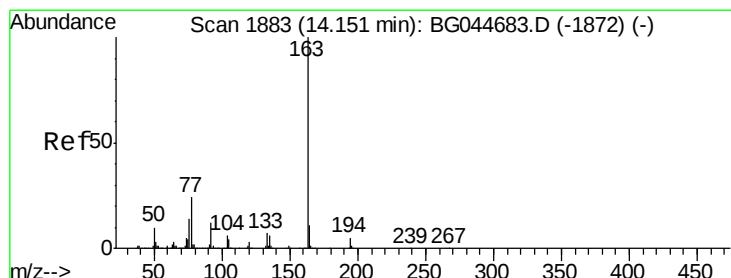
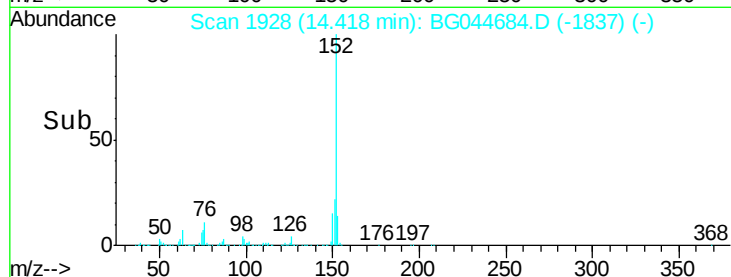
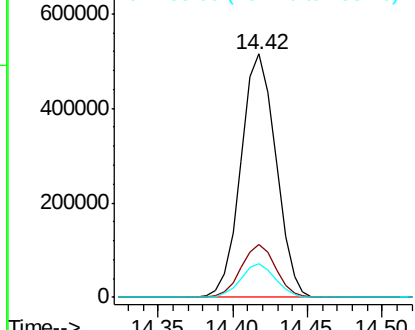
152 100

151 21.6 17.6 26.4

153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.442 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

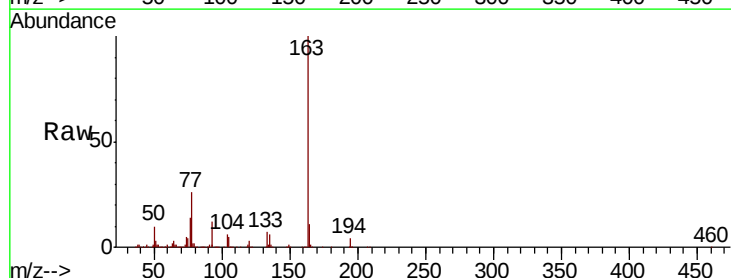
Tgt Ion:163 Resp: 711198

Ion Ratio Lower Upper

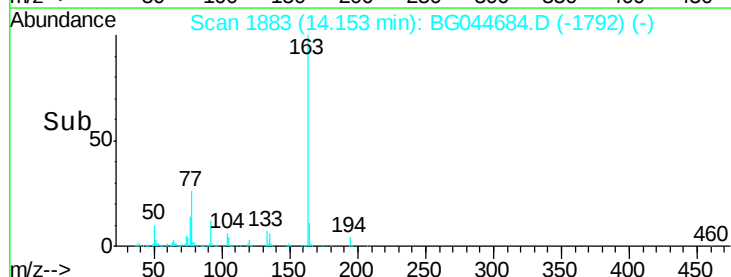
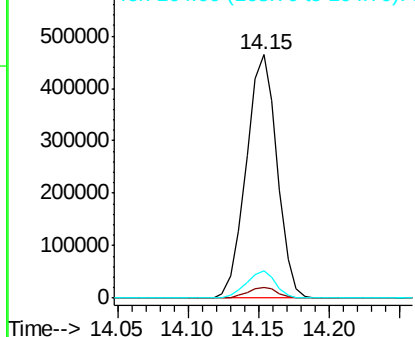
163 100

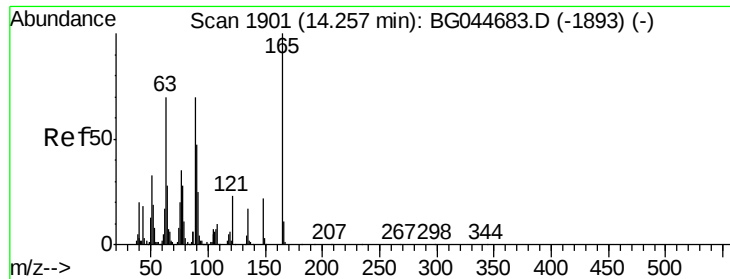
194 4.2 3.7 5.5

164 11.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

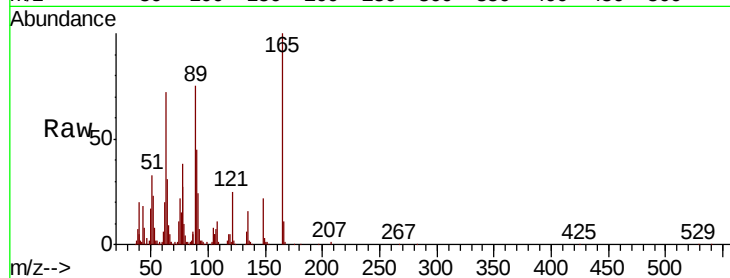




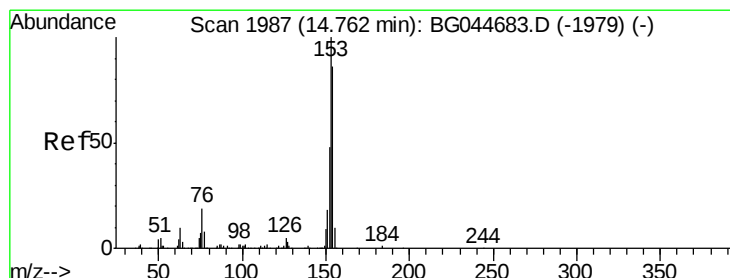
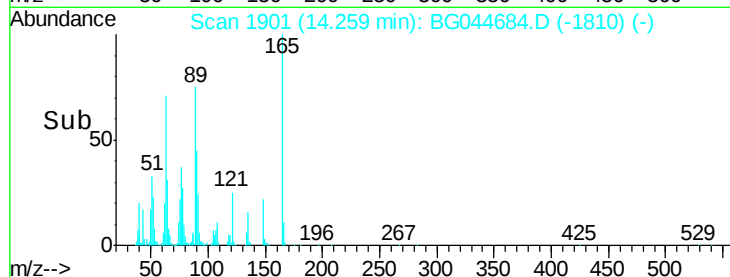
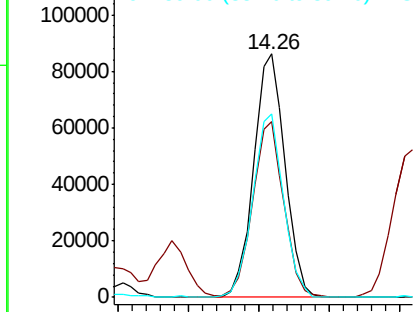
#51
 2,6-Dinitrotoluene
 Concen: 44.740 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 133815
 Ion Ratio Lower Upper
 165 100
 63 72.0 57.4 86.0
 89 75.1 56.2 84.2

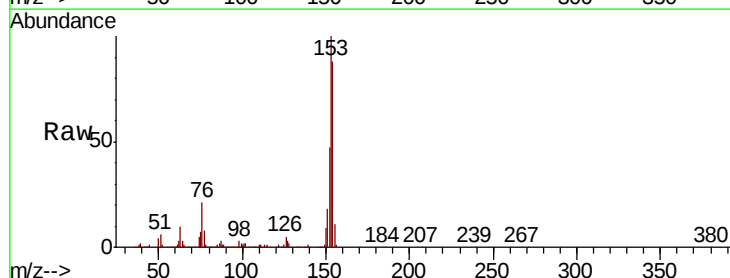


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

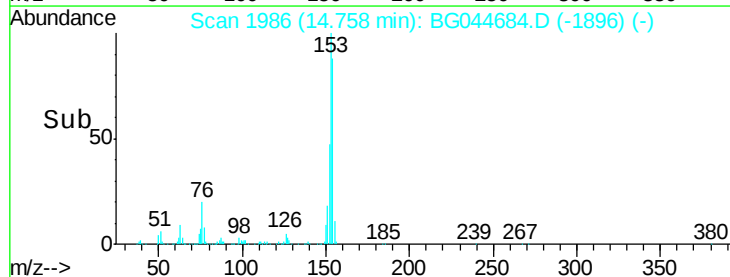
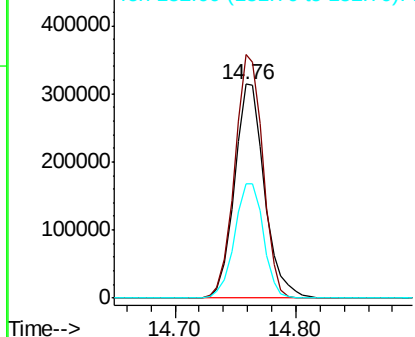


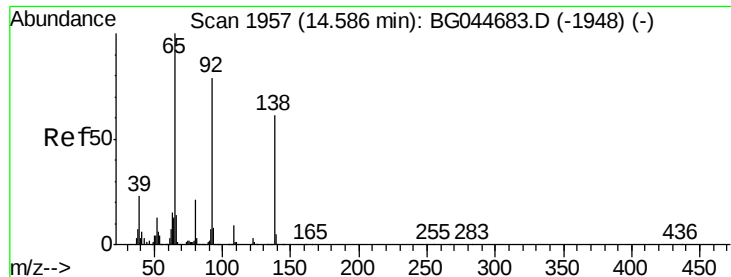
#52
 Acenaphthene
 Concen: 52.763 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion:154 Resp: 541324
 Ion Ratio Lower Upper
 154 100
 153 113.9 92.6 138.8
 152 53.3 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 47.806 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

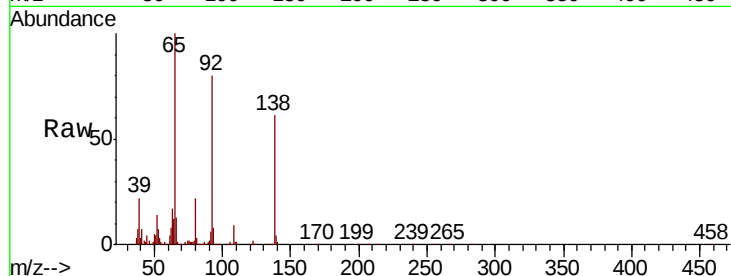
Tot Ion:138 Resp: 154208

Ion Ratio Lower Upper

138 100

108 15.0 12.2 18.4

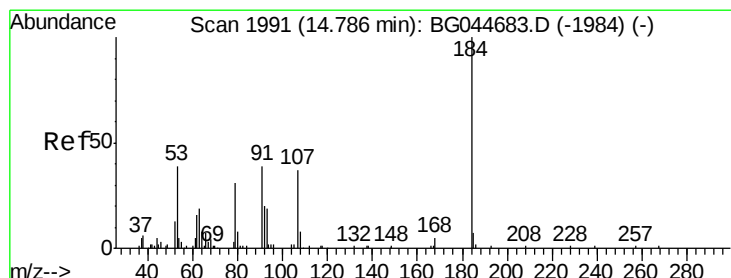
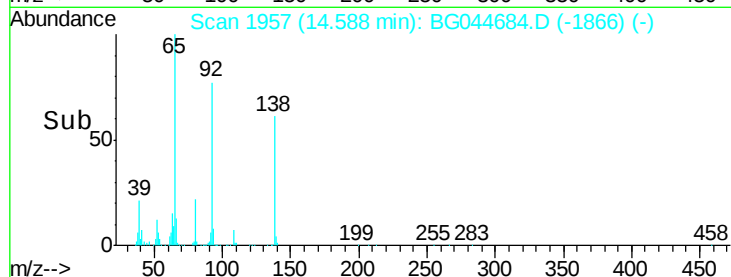
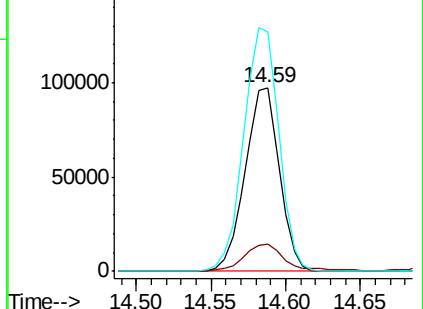
92 130.9 105.1 157.7



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: 42.497 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

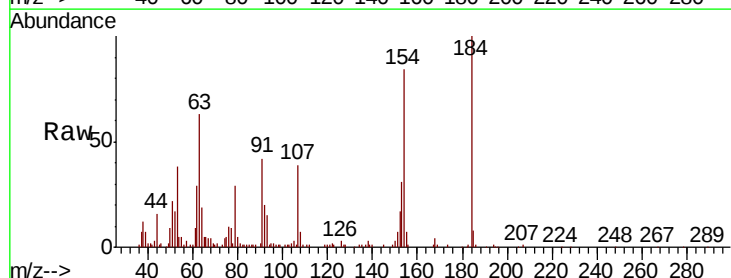
Tgt Ion:184 Resp: 61077

Ion Ratio Lower Upper

184 100

63 62.7 42.4 63.6

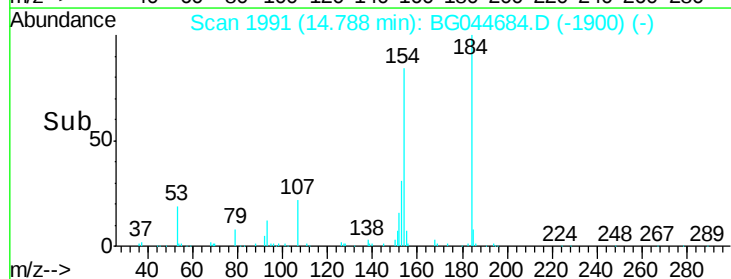
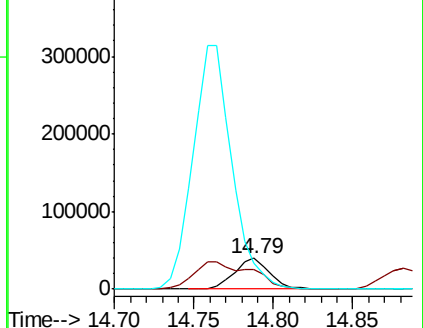
154 84.0 75.0 112.4

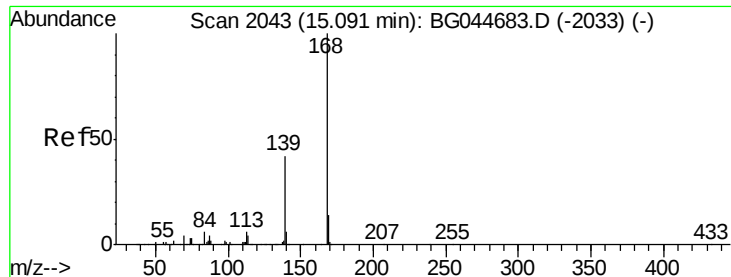


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 51.421 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

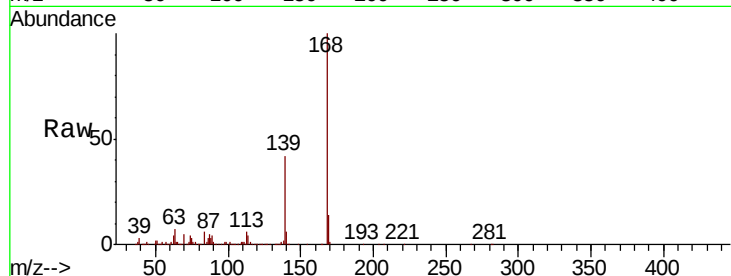
Tot Ion:168 Resp: 808781

Ion Ratio Lower Upper

168 100

139 42.4 33.8 50.6

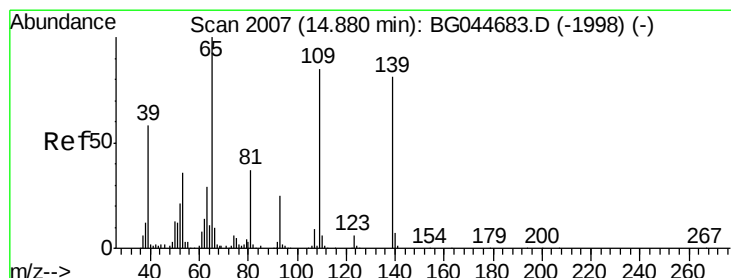
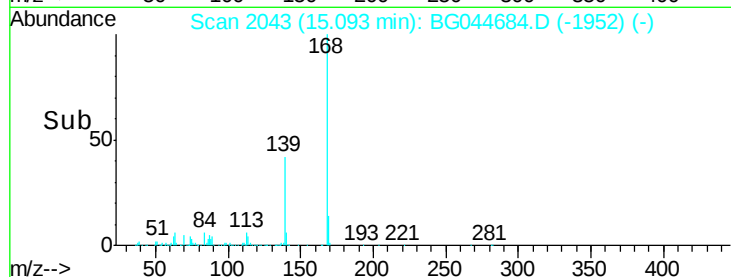
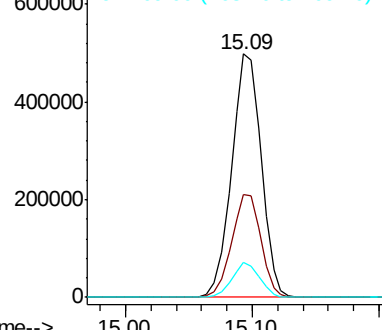
169 14.5 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 53.878 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

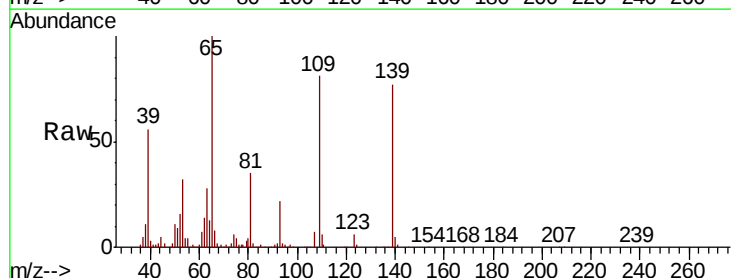
Tgt Ion:139 Resp: 119546

Ion Ratio Lower Upper

139 100

109 105.4 86.0 126.0

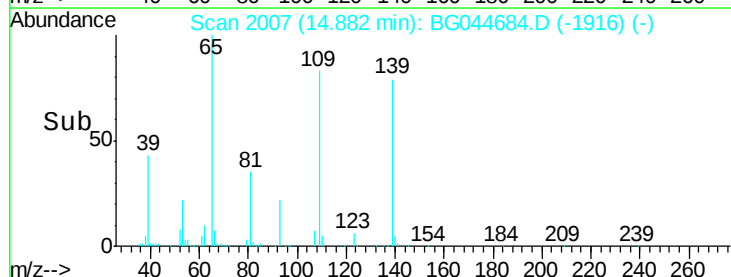
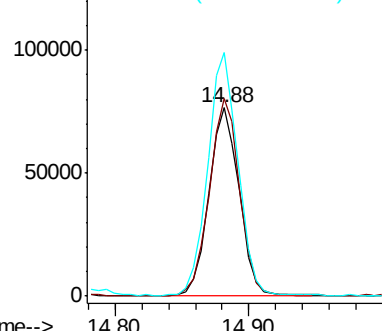
65 129.5 104.5 144.5

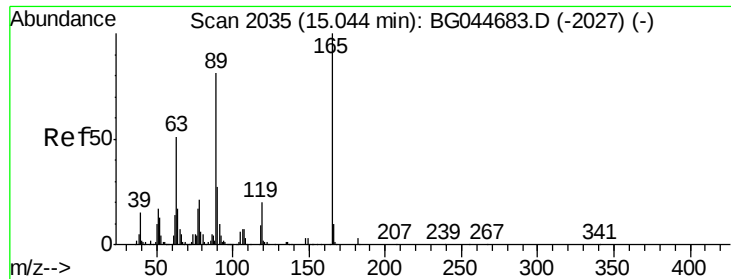


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

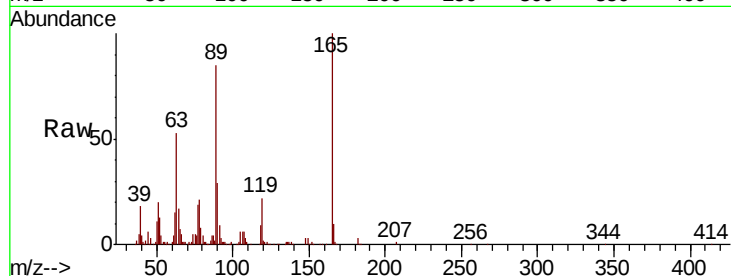




#57
 2,4-Dinitrotoluene
 Concen: 43.268 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.1	40.6	61.0
89	85.1	65.0	97.6
182	2.7	2.4	3.6

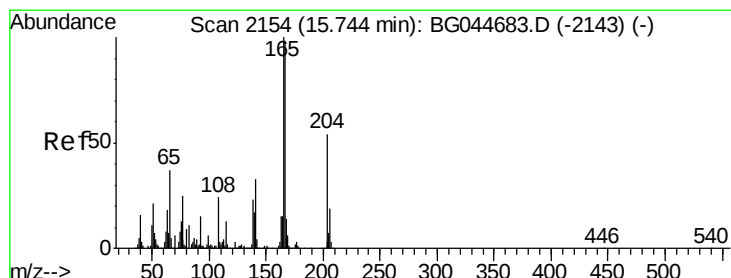
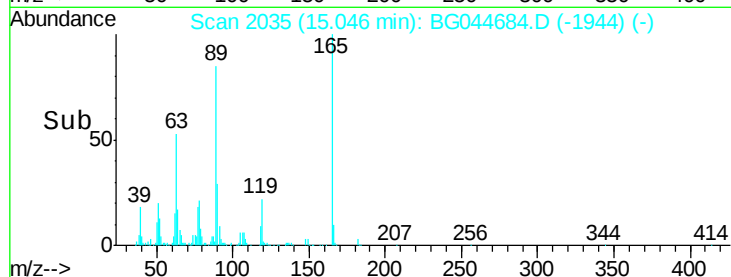
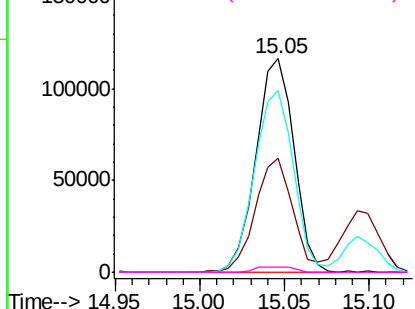


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

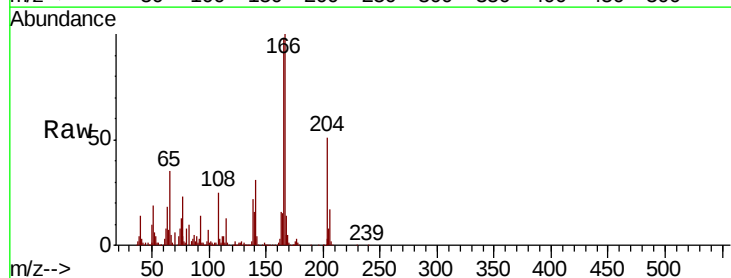
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 53.332 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

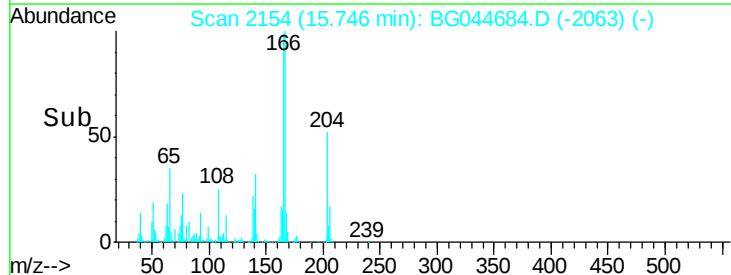
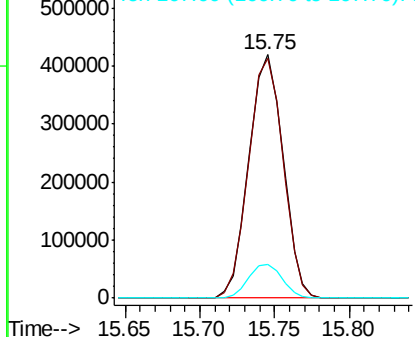
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.3	121.9
167	14.0	11.0	16.6

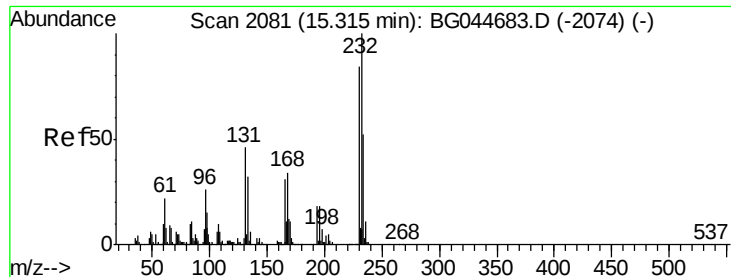


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

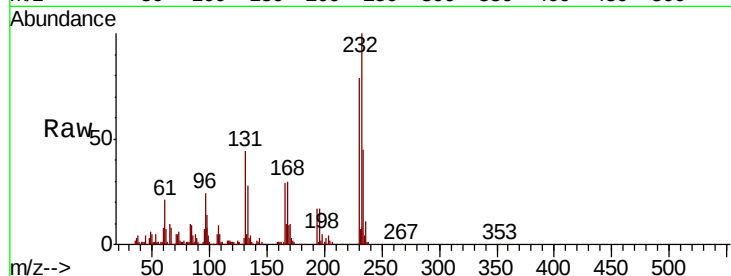




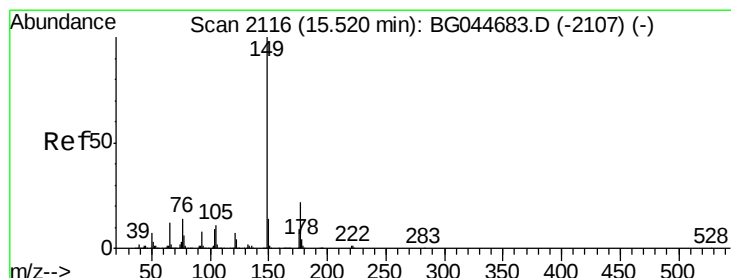
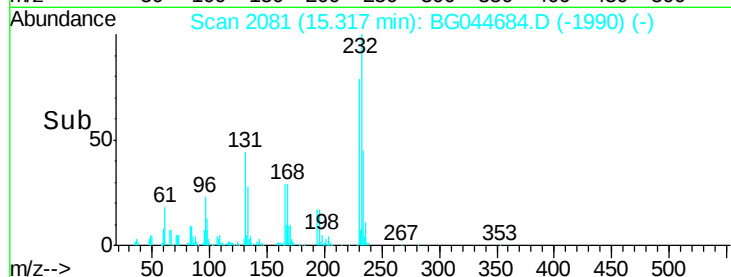
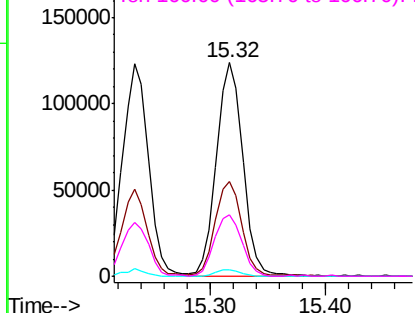
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.802 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	197351
Ion	Ratio	Lower	Upper
232	100		
131	44.9	33.0	49.6
130	3.0	2.2	3.2
166	29.2	20.4	30.6

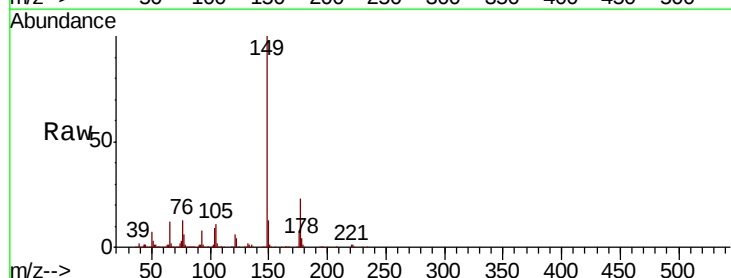


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

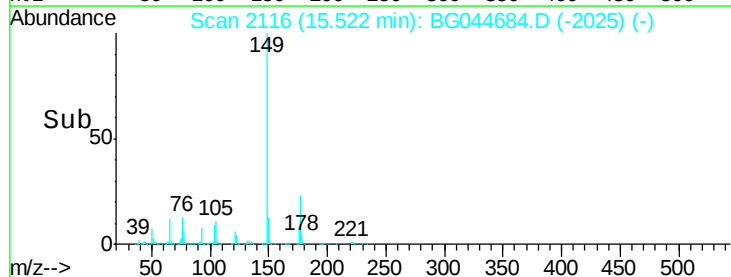
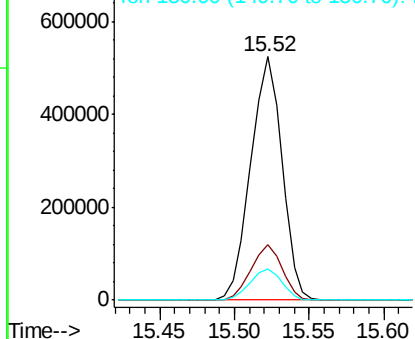


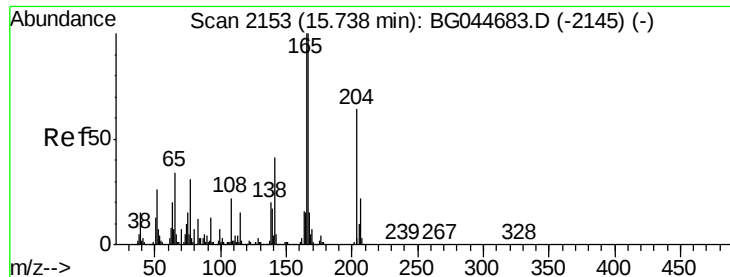
#60
 Diethylphthalate
 Concen: 56.553 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion:	149	Resp:	759916
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	12.9	10.8	16.2



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

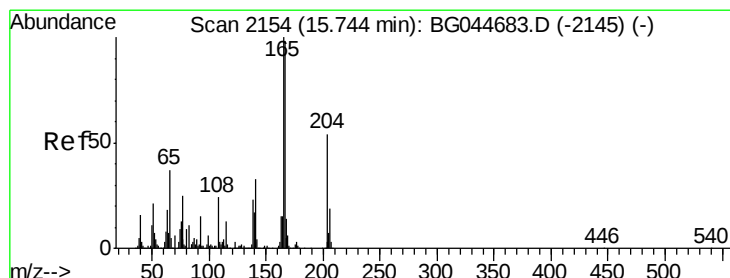
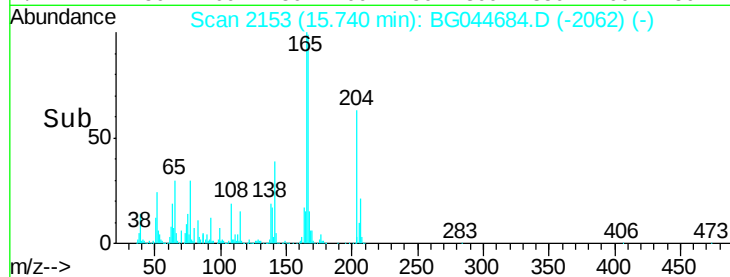
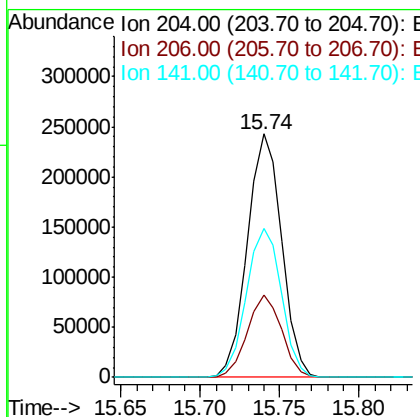
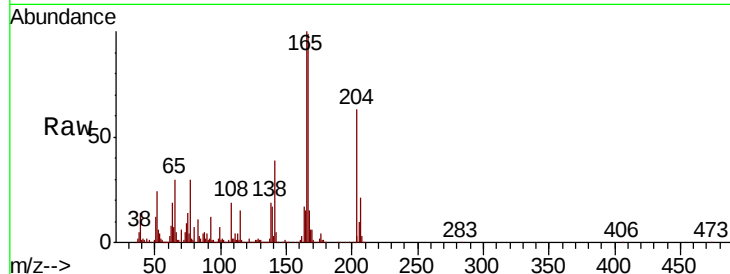




#61
4-Chlorophenyl-phenylether
Concen: 53.869 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

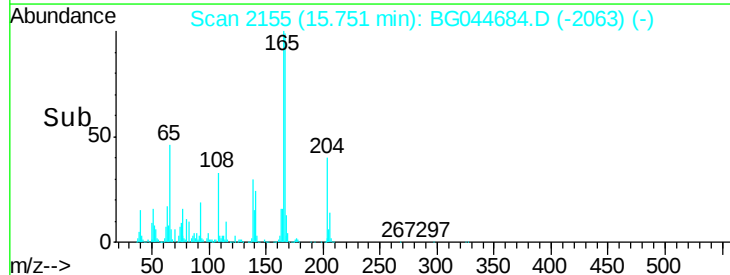
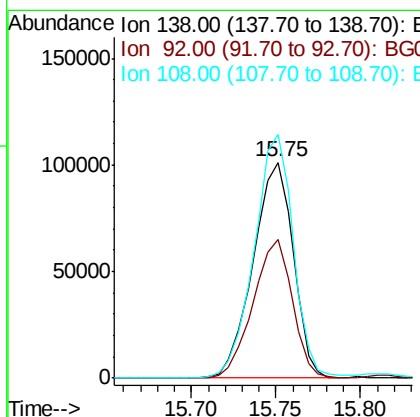
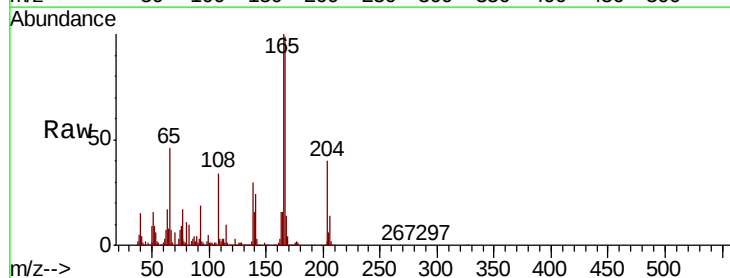
Instrument :
BNA_G
ClientSampleId :

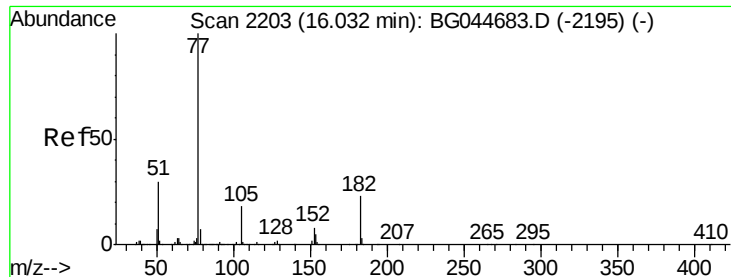
Tot Ion:204 Resp: 365271
Ion Ratio Lower Upper
204 100
206 33.6 27.7 41.5
141 61.4 51.0 76.4



#62
4-Nitroaniline
Concen: 51.655 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion:138 Resp: 166841
Ion Ratio Lower Upper
138 100
92 64.0 43.1 83.1
108 112.7 85.2 125.2





#63

Azobenzene

Concen: 69.908 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 799450

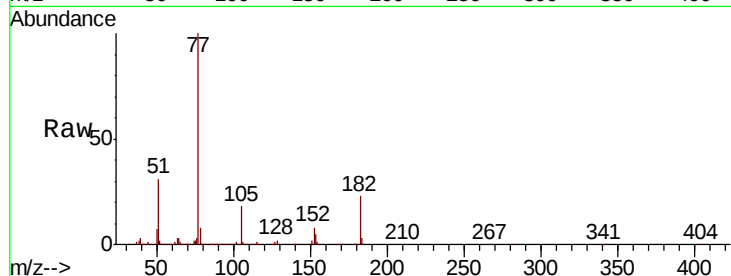
Ion Ratio Lower Upper

77 100

182 23.1 2.7 42.7

105 18.1 0.0 38.1

51 30.8 10.3 50.3

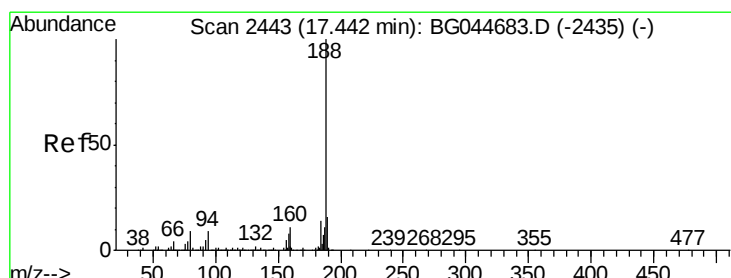
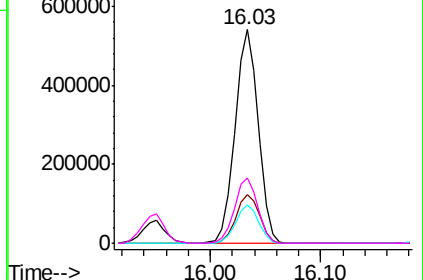
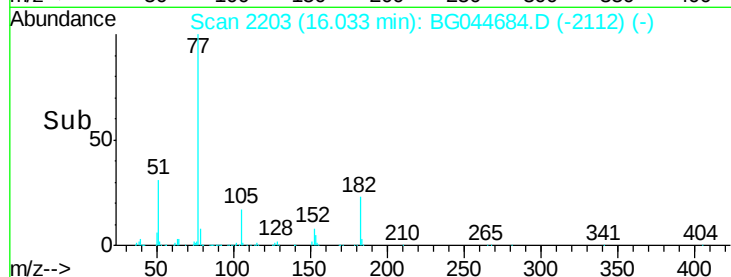


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

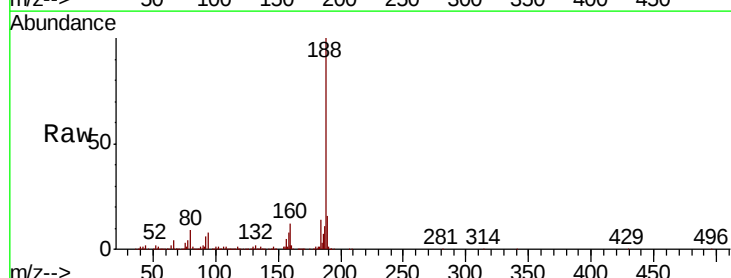
Tgt Ion: 188 Resp: 386863

Ion Ratio Lower Upper

188 100

94 7.6 7.4 11.0

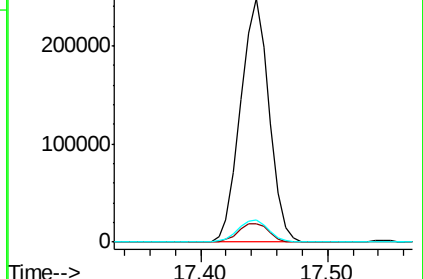
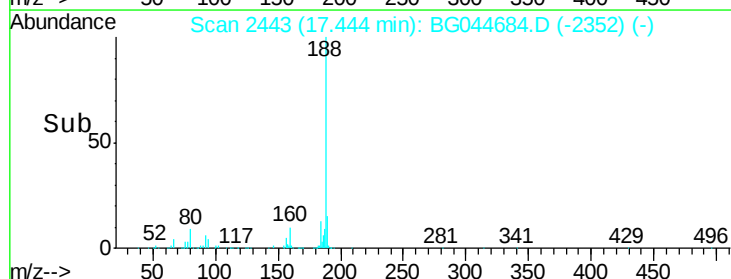
80 9.2 7.3 10.9

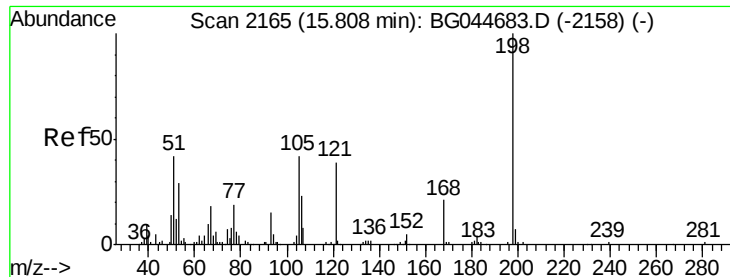


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

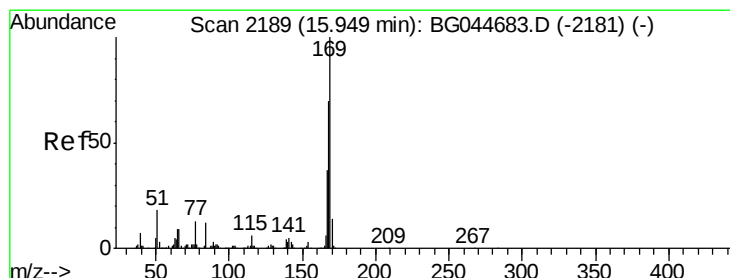
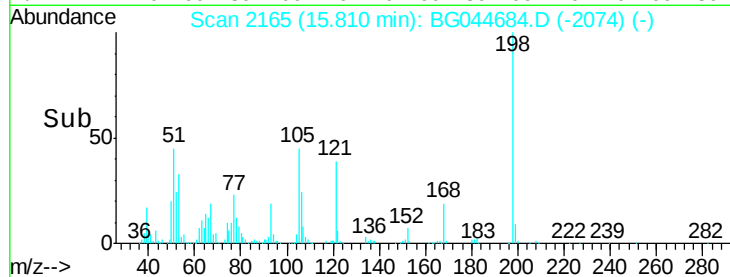
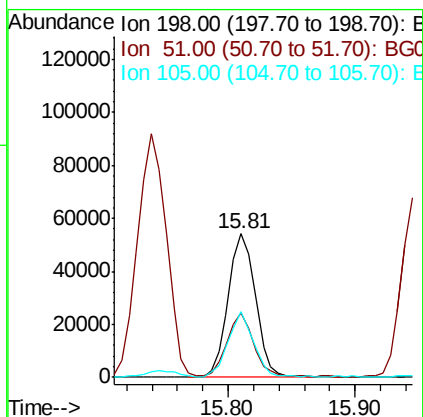
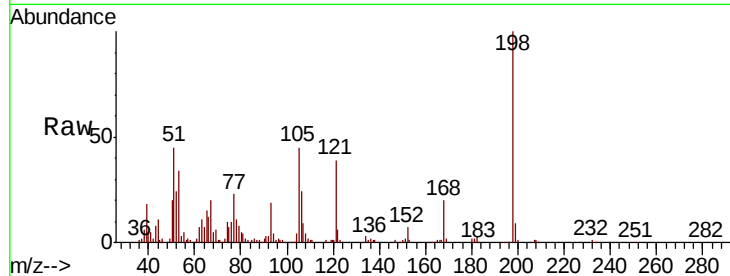




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.859 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

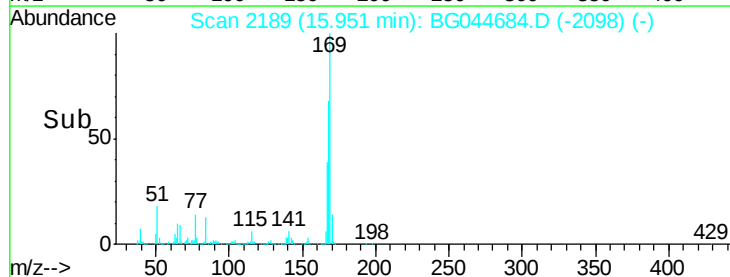
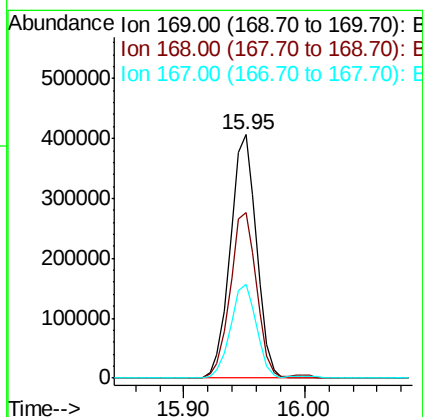
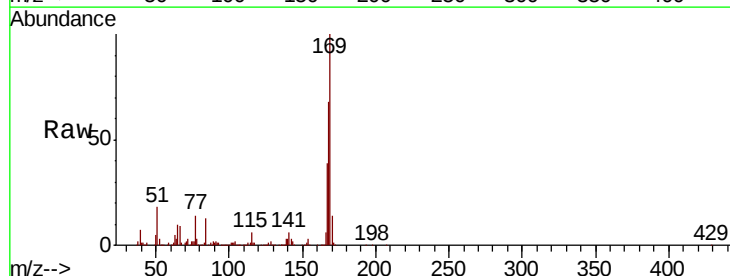
Instrument :
 BNA_G
 ClientSampleId :

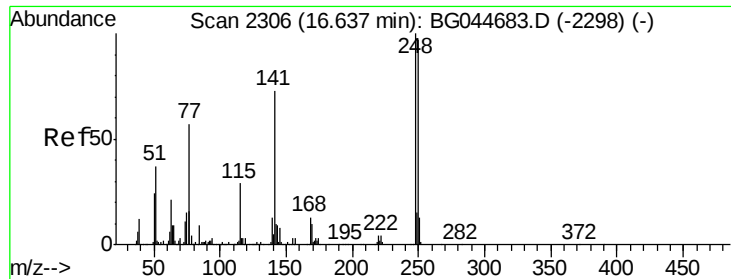
Tot Ion:198 Resp: 81106
 Ion Ratio Lower Upper
 198 100
 51 44.9 27.1 67.1
 105 45.5 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 50.788 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion:169 Resp: 612876
 Ion Ratio Lower Upper
 169 100
 168 68.0 56.2 84.2
 167 38.6 29.4 44.2

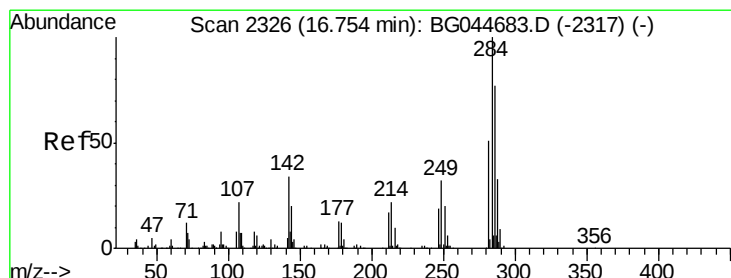
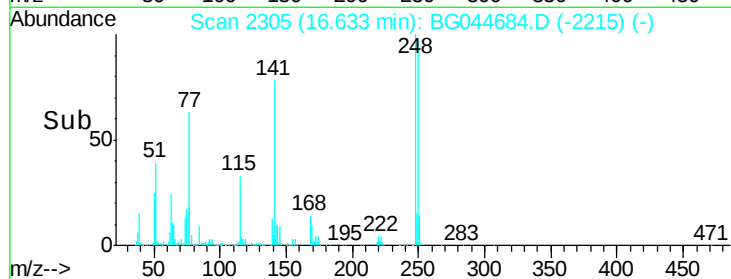
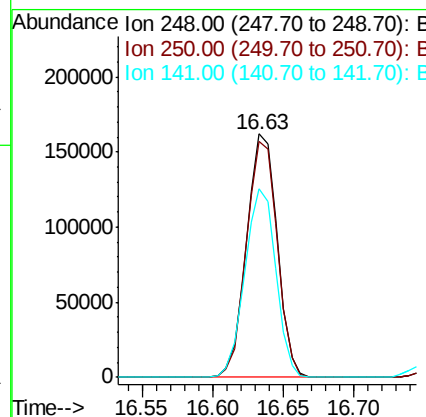
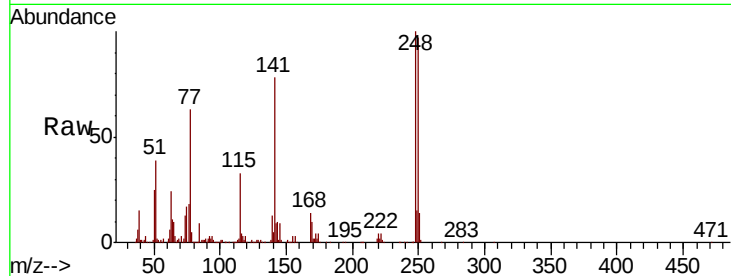




#67
4-Bromophenyl-phenylether
Concen: 51.445 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

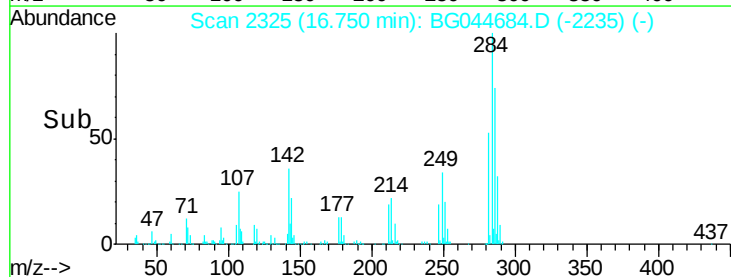
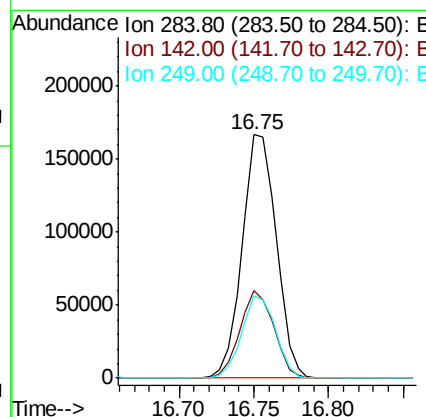
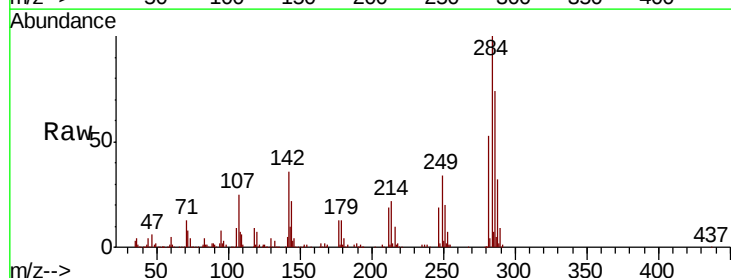
Instrument :
BNA_G
ClientSampleId :

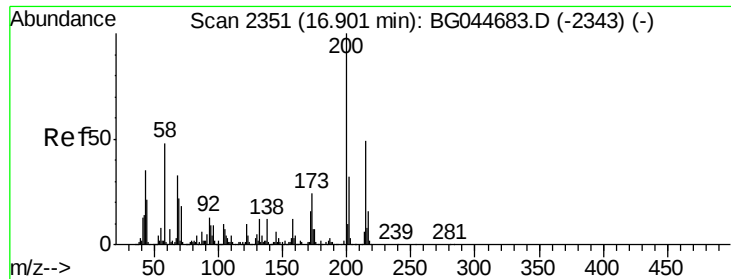
Tot Ion:248 Resp: 247044
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 77.6 58.1 87.1



#68
Hexachlorobenzene
Concen: 48.726 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion:284 Resp: 264543
Ion Ratio Lower Upper
284 100
142 35.7 27.2 40.8
249 33.9 25.7 38.5





#69

Atrazine

Concen: 53.164 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

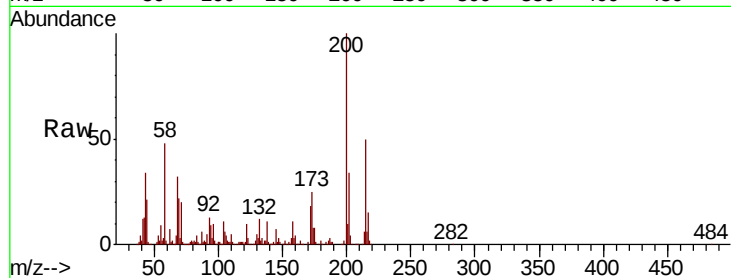
Tot Ion:200 Resp: 237171

Ion Ratio Lower Upper

200 100

173 24.9 4.0 44.0

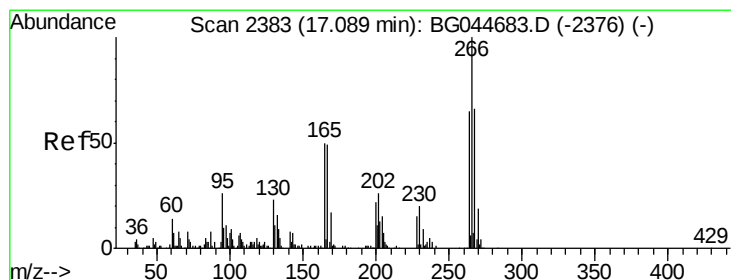
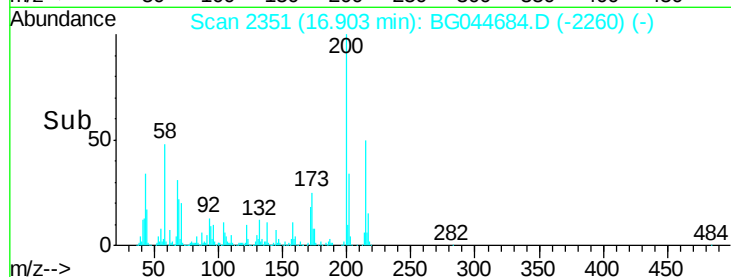
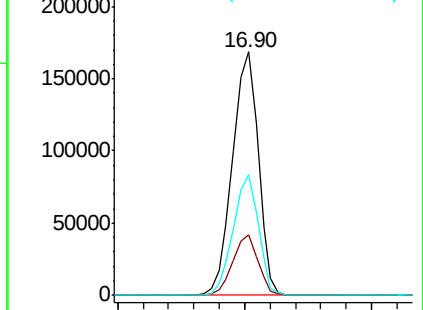
215 49.6 29.1 69.1



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: 70.063 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

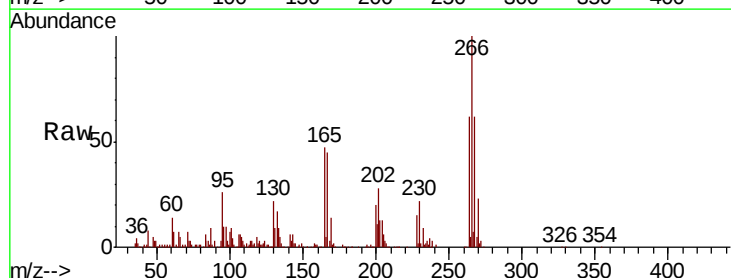
Tgt Ion:266 Resp: 157595

Ion Ratio Lower Upper

266 100

268 61.5 52.7 79.1

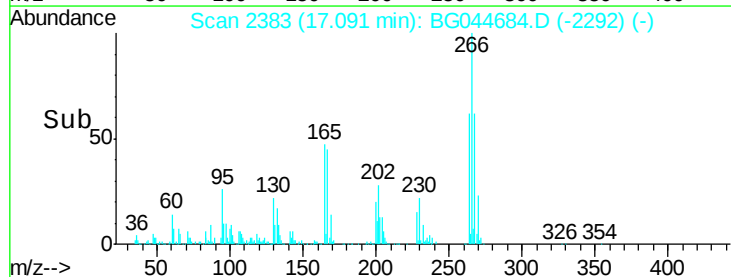
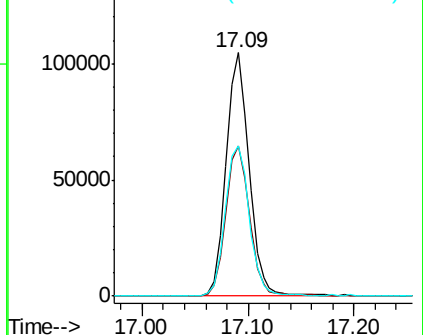
264 61.6 52.3 78.5

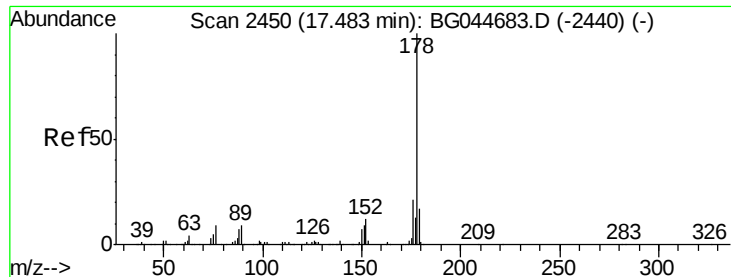


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

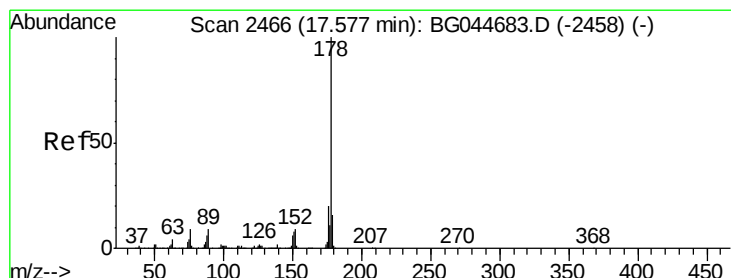
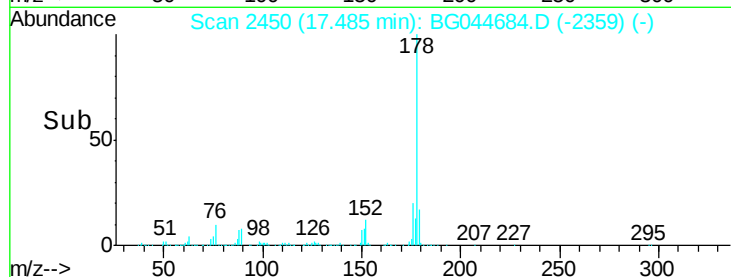
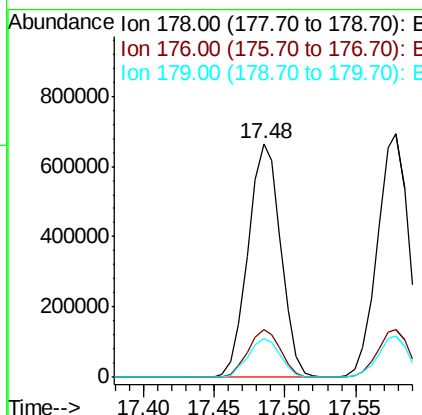
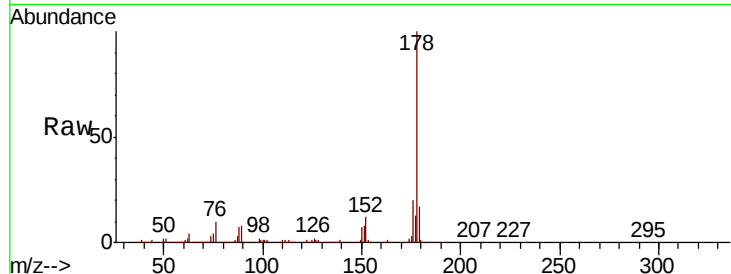




#71
Phenanthrene
Concen: 50.559 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

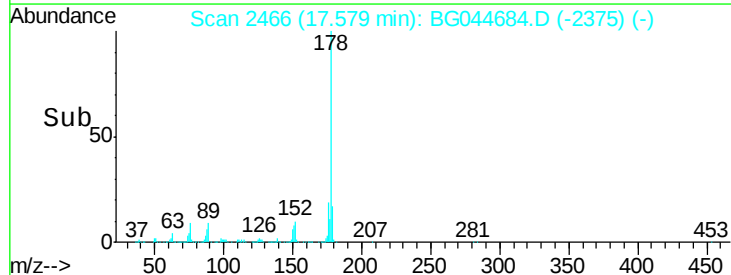
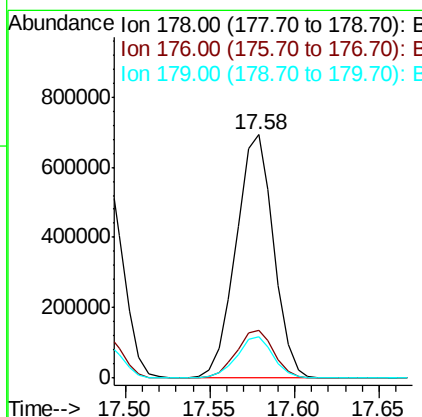
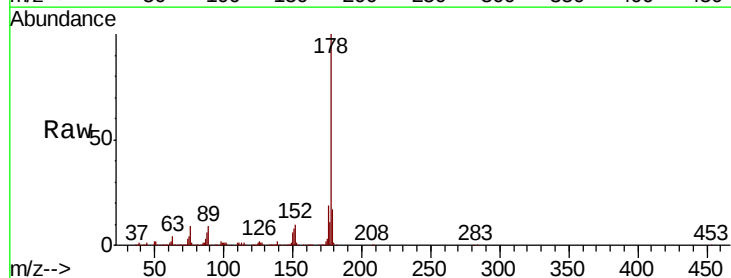
Instrument :
BNA_G
ClientSampleId :

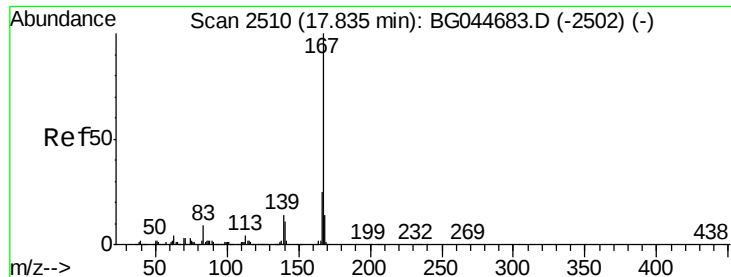
Tot Ion:178 Resp: 1082882
Ion Ratio Lower Upper
178 100
176 20.2 16.5 24.7
179 16.6 13.8 20.8



#72
Anthracene
Concen: 50.620 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion:178 Resp: 1068439
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.7 12.6 19.0





#73

Carbazole

Concen: 53.264 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

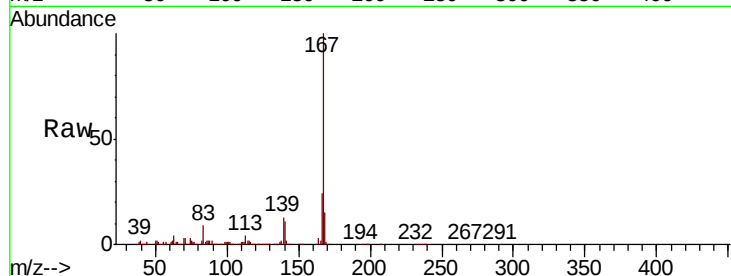
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1023340

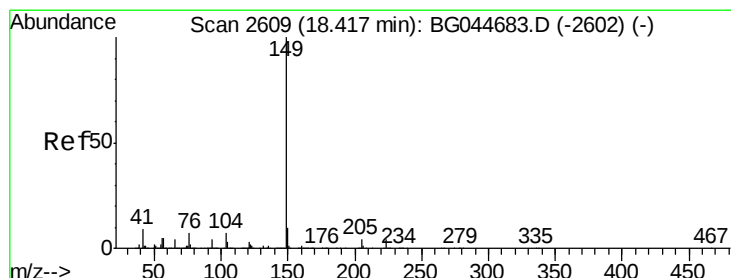
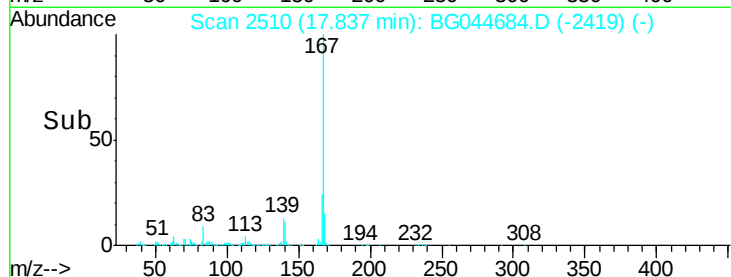
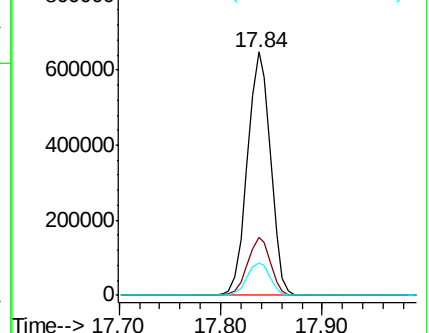
Ion	Ratio	Lower	Upper
167	100		
166	23.7	20.0	30.0
139	13.1	11.3	16.9



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: 54.458 ng

RT: 18.42 min Scan# 2609

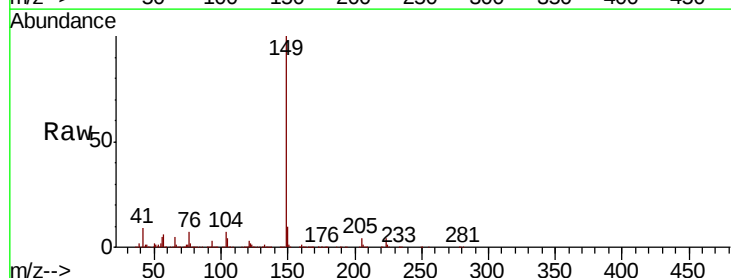
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:149 Resp: 1311089

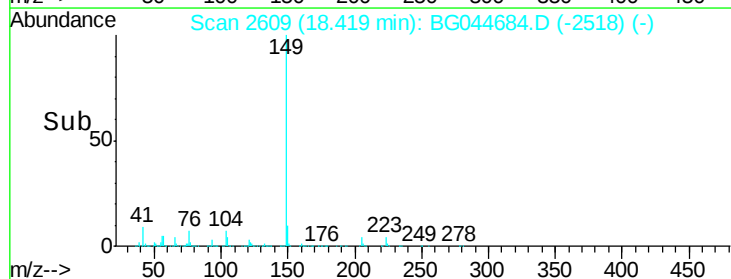
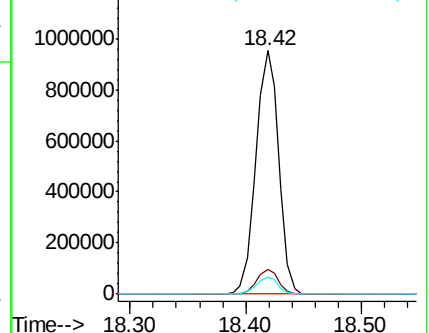
Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	7.2	5.5	8.3

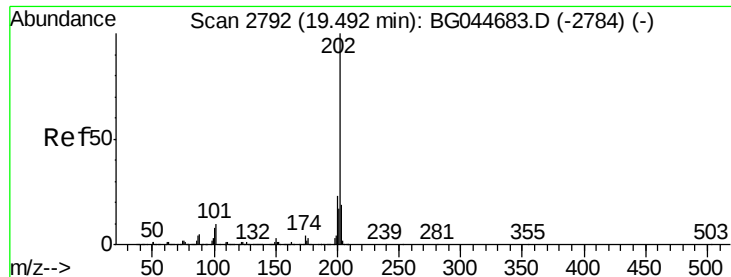


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.963 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

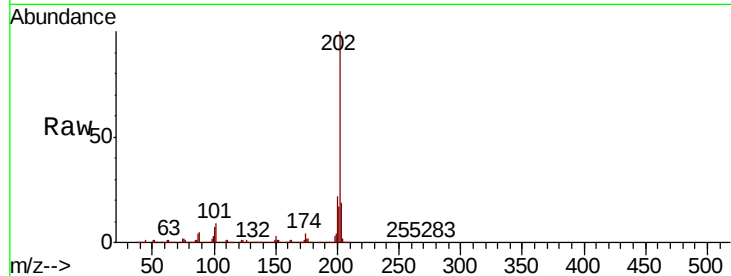
Tot Ion:202 Resp: 1317505

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.3

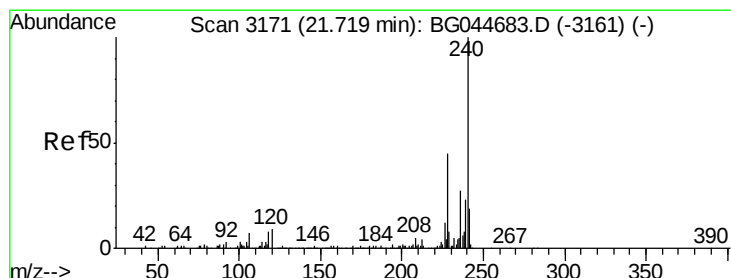
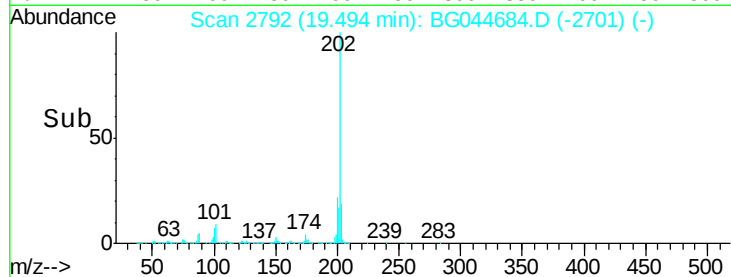
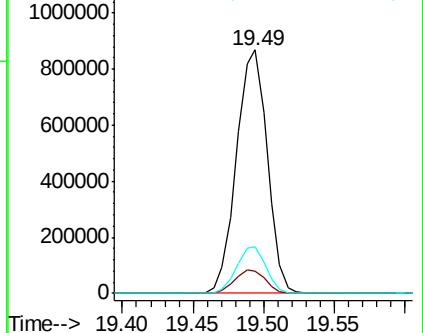
203 19.1 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

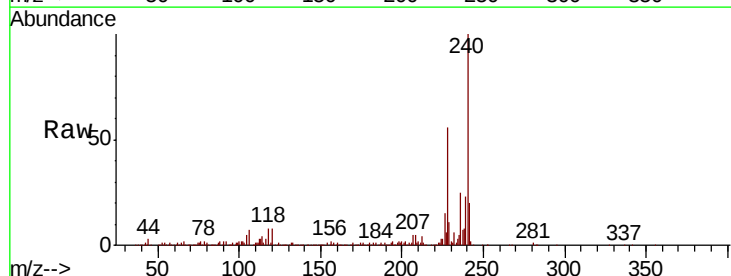
Tgt Ion:240 Resp: 338740

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

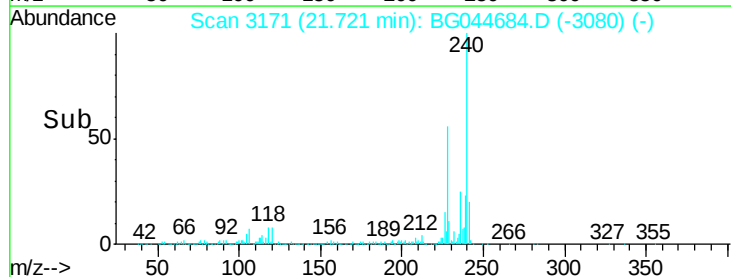
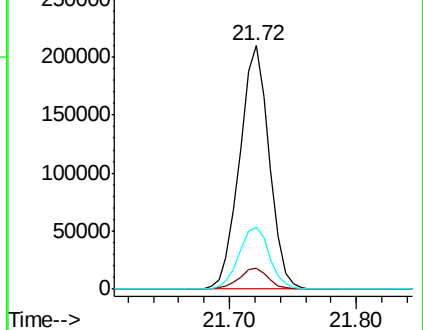
236 25.4 21.5 32.3

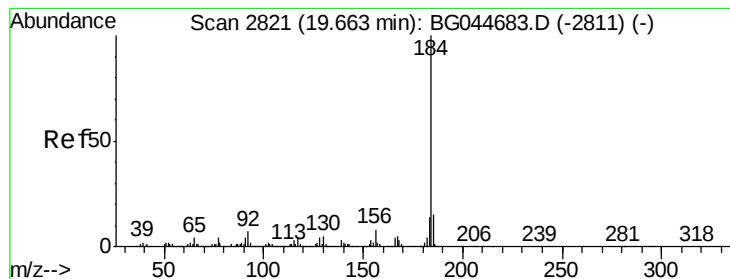


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.916 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

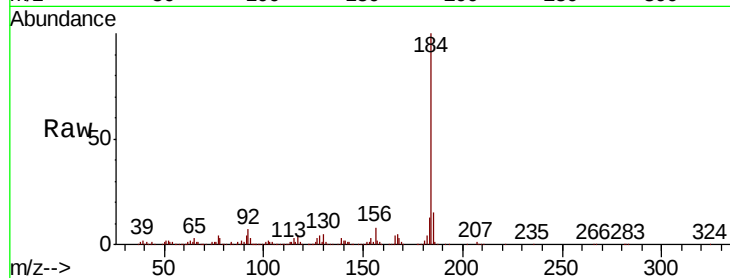
Tot Ion:184 Resp: 695239

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.0	18.0
183	12.9	11.4	17.2

184 100

185 15.2 12.0 18.0

183 12.9 11.4 17.2

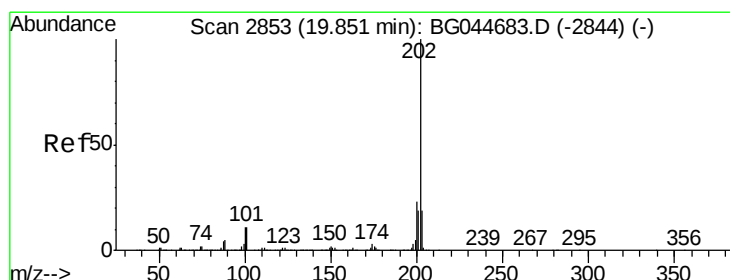
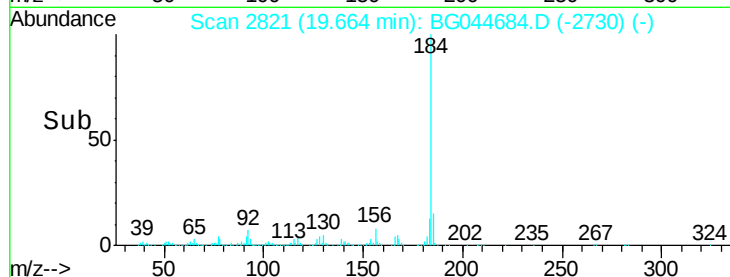
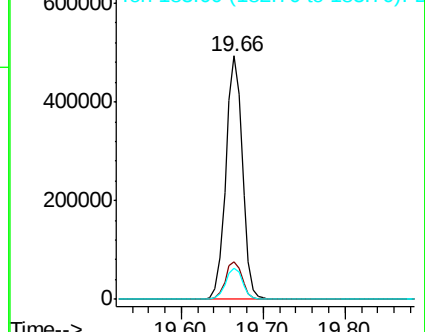


Abundance

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: 53.831 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

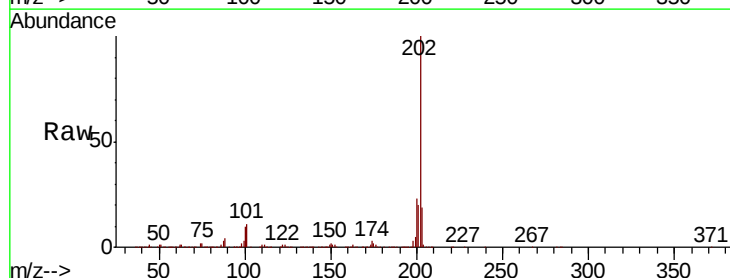
Tgt Ion:202 Resp: 1323673

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	18.9	15.2	22.8

202 100

200 22.9 18.2 27.2

203 18.9 15.2 22.8

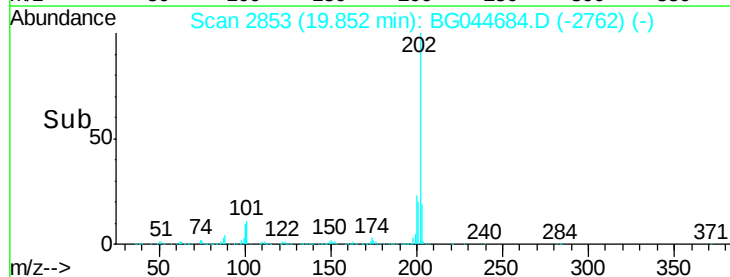
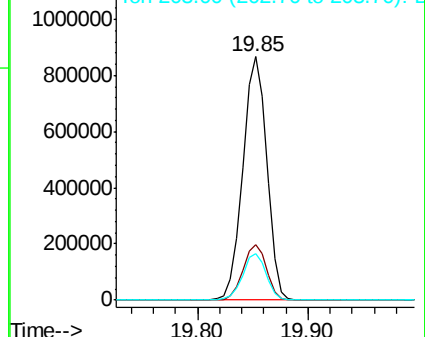


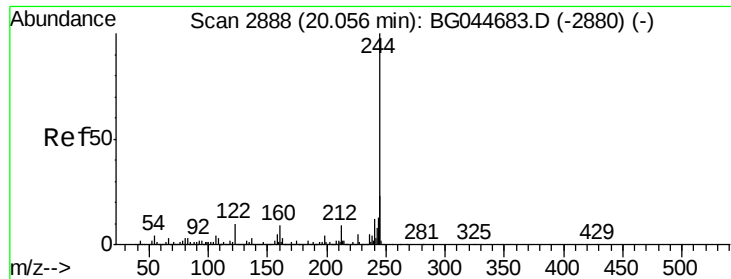
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.255 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

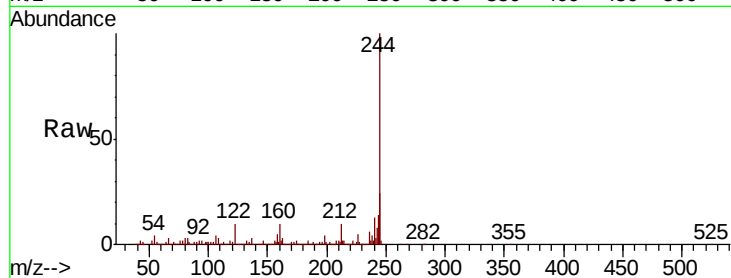
Tot Ion:244 Resp: 1937092

Ion Ratio Lower Upper

244 100

212 9.9 7.5 11.3

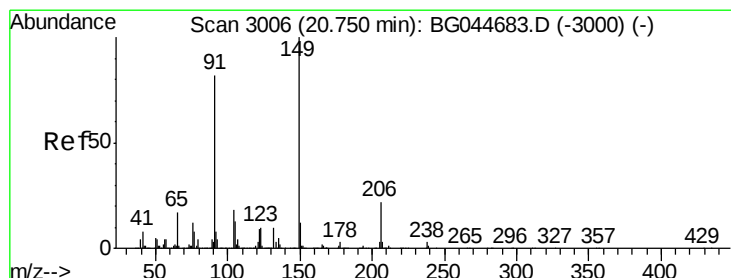
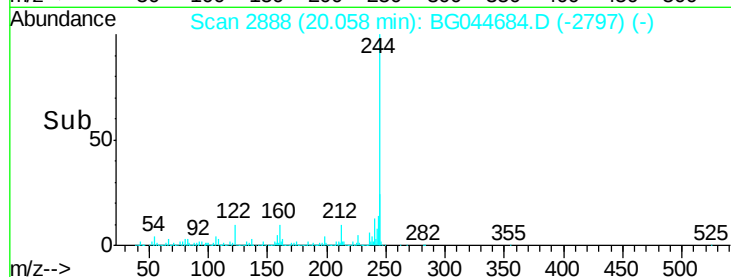
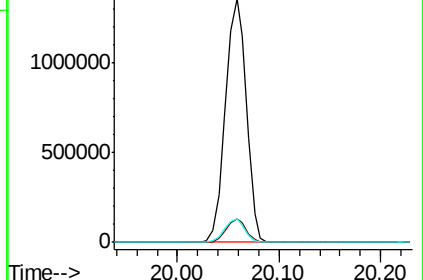
122 9.8 7.7 11.5



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: 56.470 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

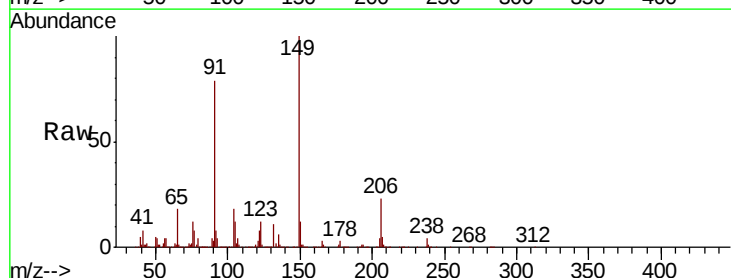
Tgt Ion:149 Resp: 607382

Ion Ratio Lower Upper

149 100

91 78.9 65.7 98.5

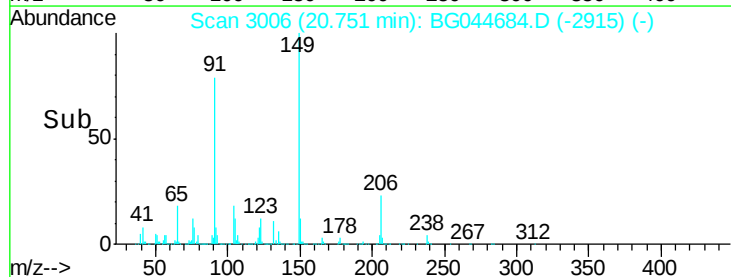
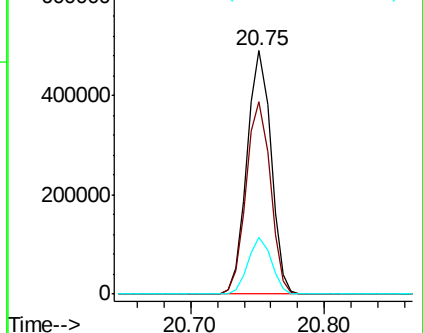
206 23.1 17.3 25.9

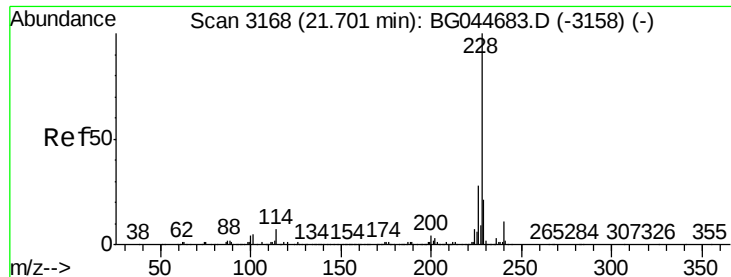


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.904 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

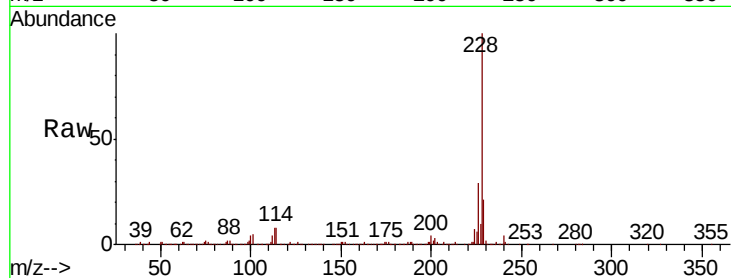
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1307136

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	20.6	17.0	25.6

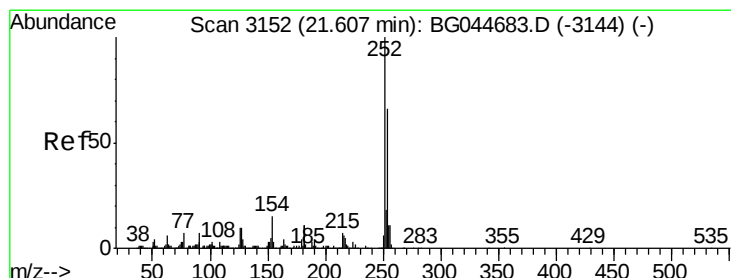
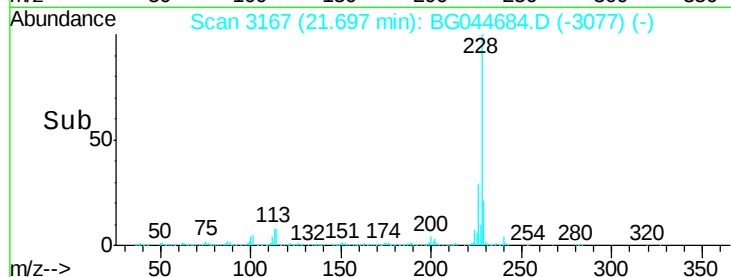
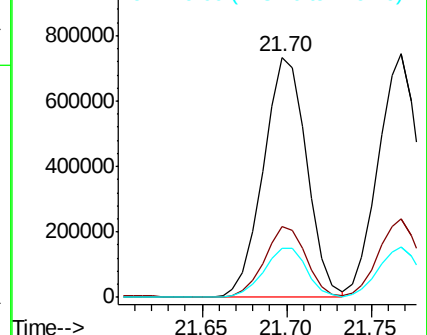


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 56.202 ng

RT: 21.61 min Scan# 3152

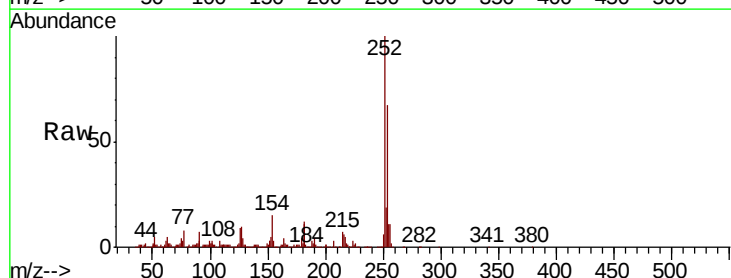
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:252 Resp: 528611

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.6	79.0
126	9.3	7.8	11.6

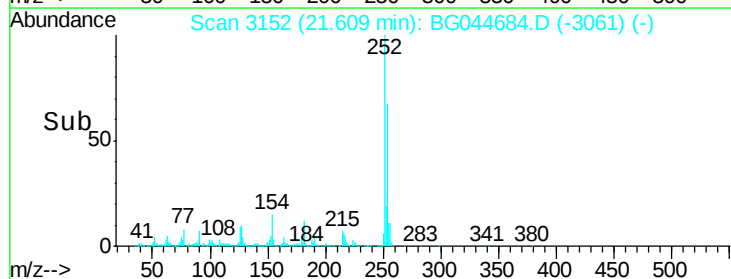
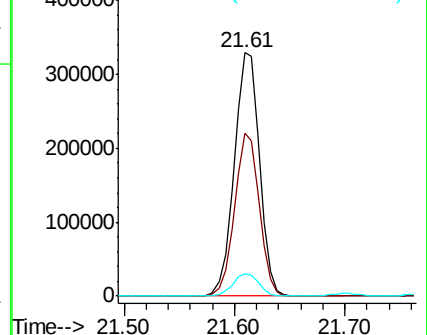


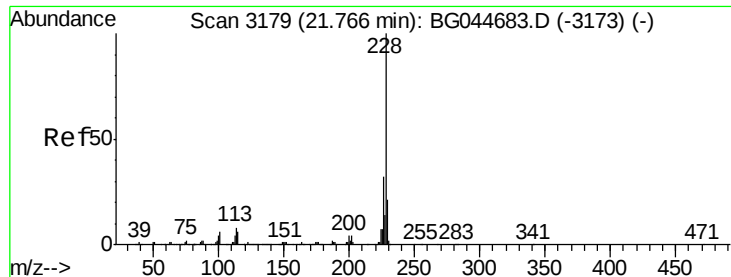
Abundance

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: 53.876 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampled :

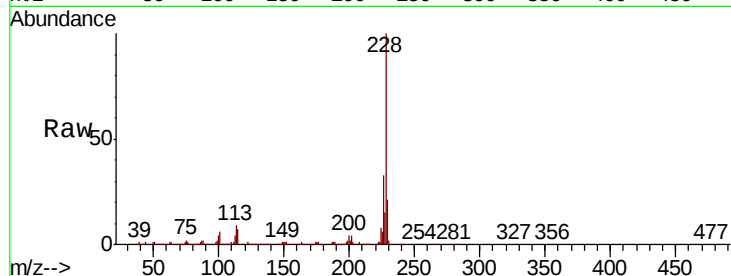
Tot Ion:228 Resp: 1240165

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	20.8	16.6	25.0

228 100

226 32.5 25.8 38.6

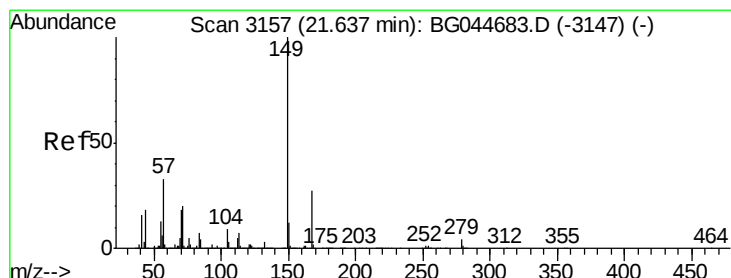
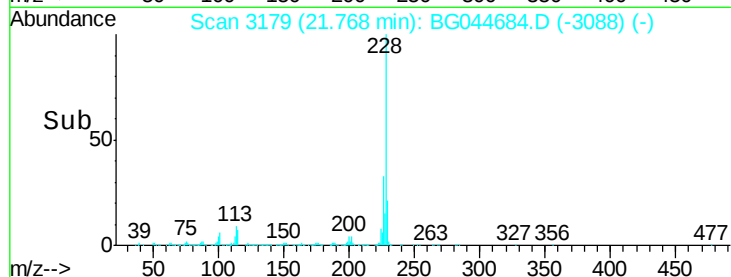
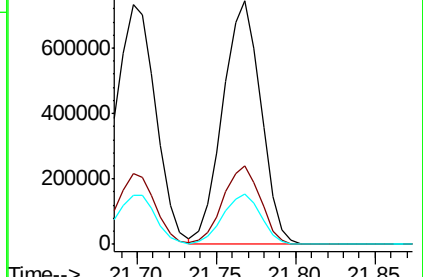
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.768 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

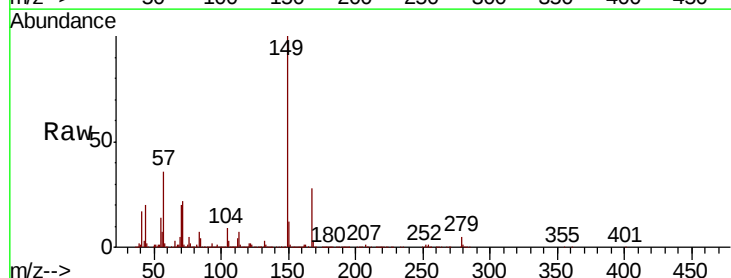
Tgt Ion:149 Resp: 826499

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	5.1	3.6	5.4

149 100

167 28.4 21.3 31.9

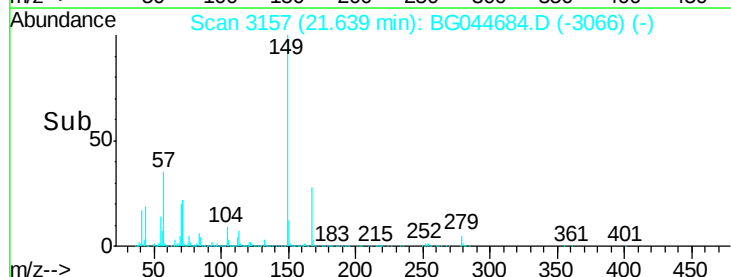
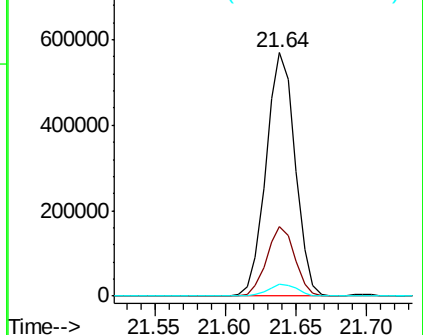
279 5.1 3.6 5.4

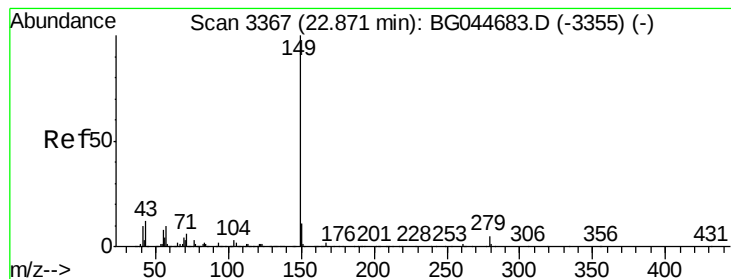


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.606 ng

RT: 22.87 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

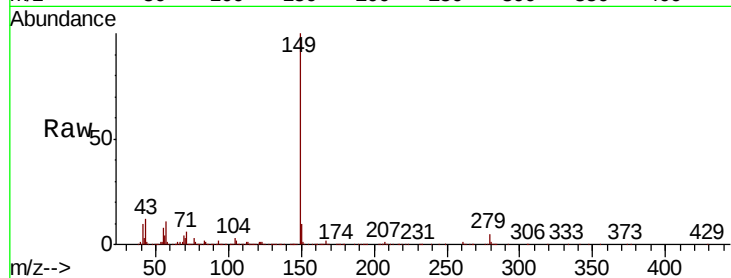
Tot Ion:149 Resp: 1449916

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

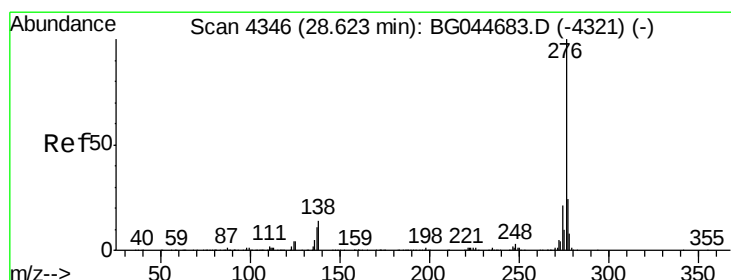
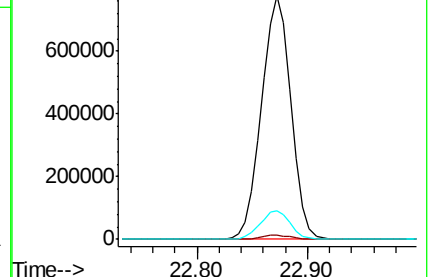
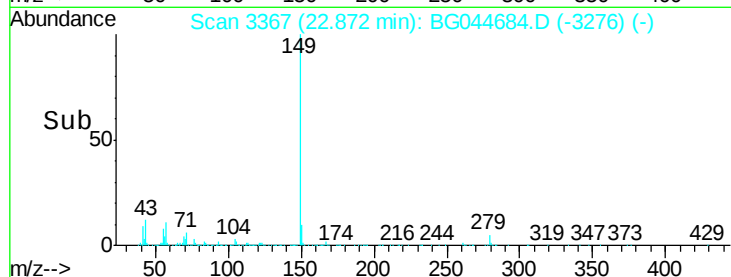
43 11.6 9.5 14.3



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: 55.733 ng

RT: 28.63 min Scan# 4347

Delta R.T. 0.01 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

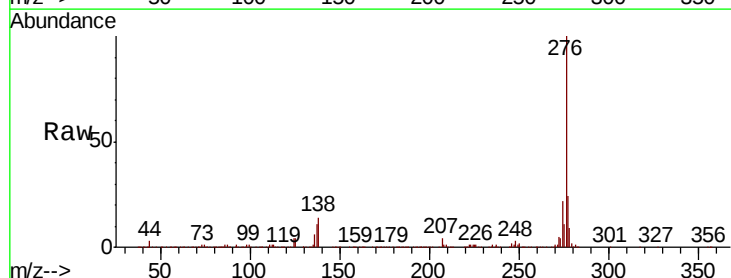
Tgt Ion:276 Resp: 1646421

Ion Ratio Lower Upper

276 100

138 11.2 9.5 14.3

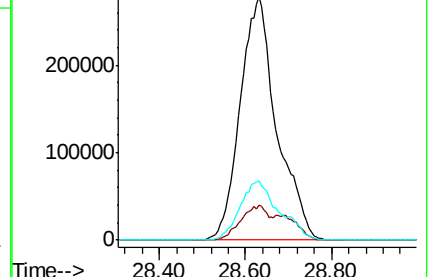
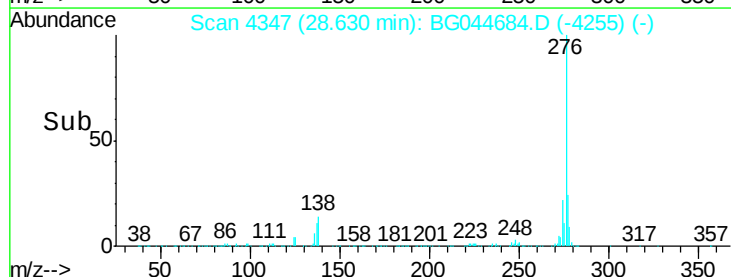
277 26.0 20.6 30.8

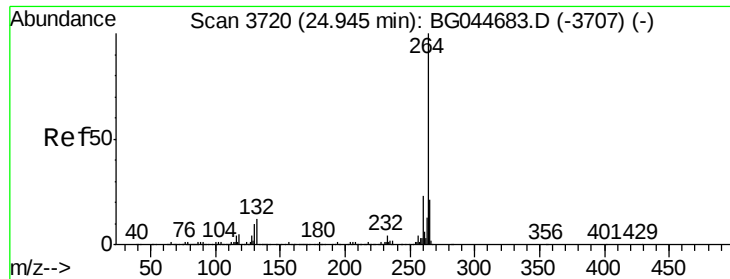


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

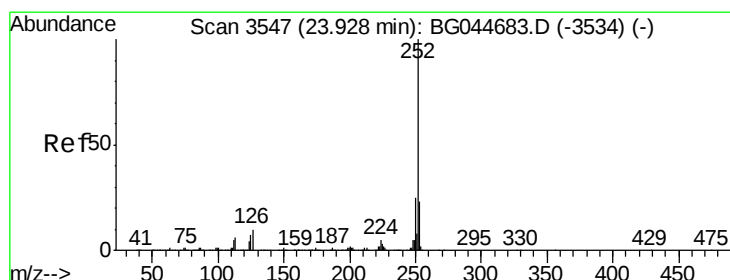
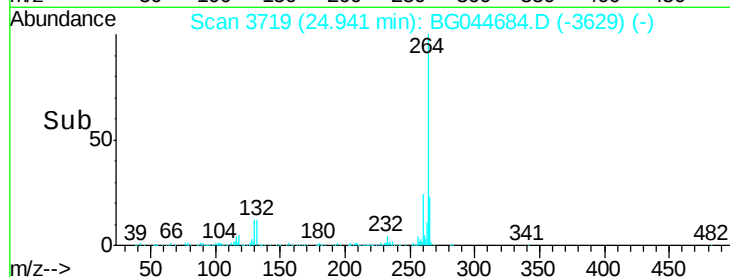
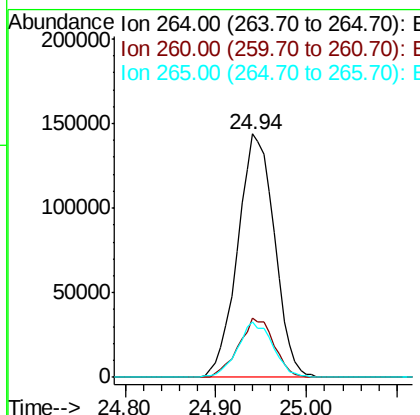
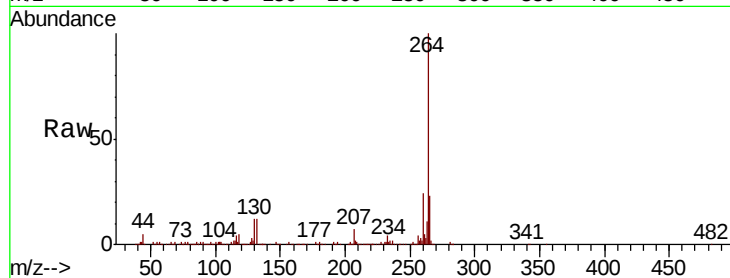




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

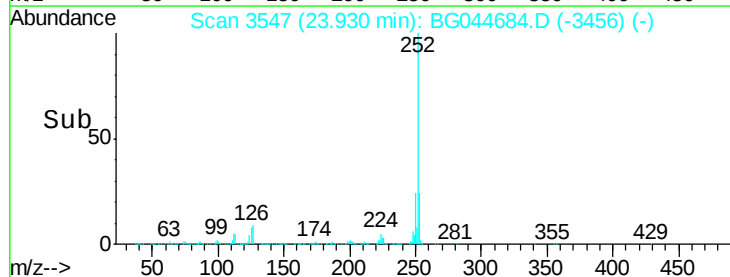
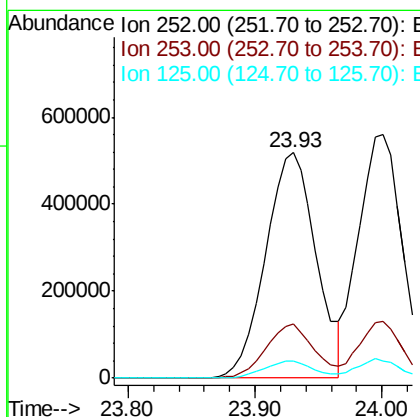
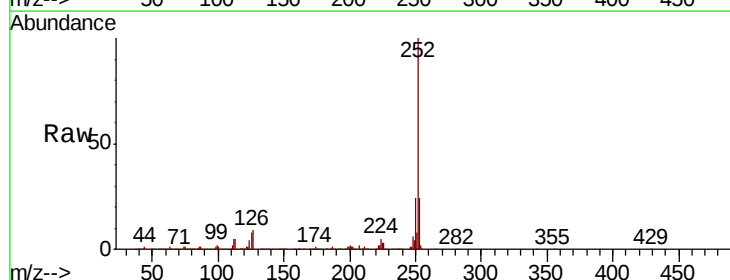
Instrument :
BNA_G
ClientSampleId :

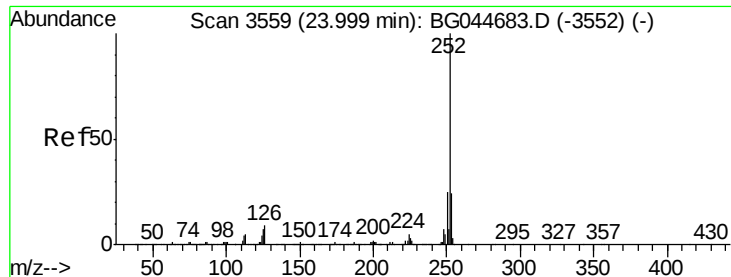
Tot Ion:264 Resp: 405723
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 22.5 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 53.955 ng
RT: 23.93 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion:252 Resp: 1439272
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 7.6 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 51.340 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

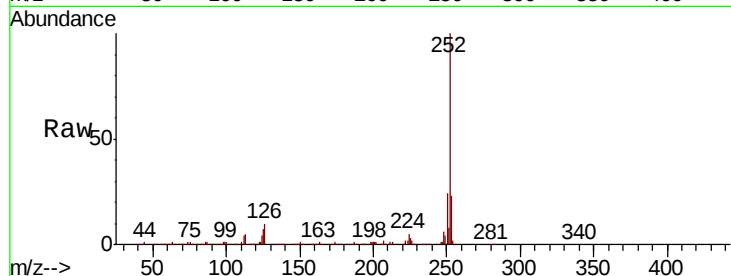
Tot Ion:252 Resp: 1328834

Ion Ratio Lower Upper

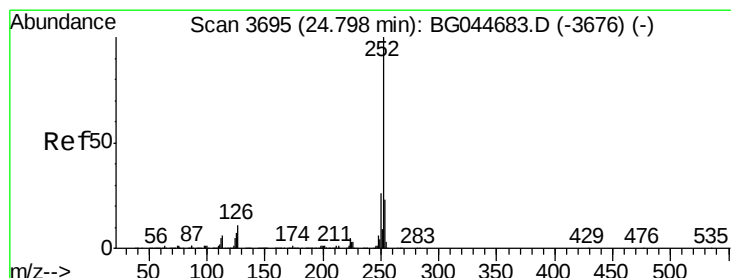
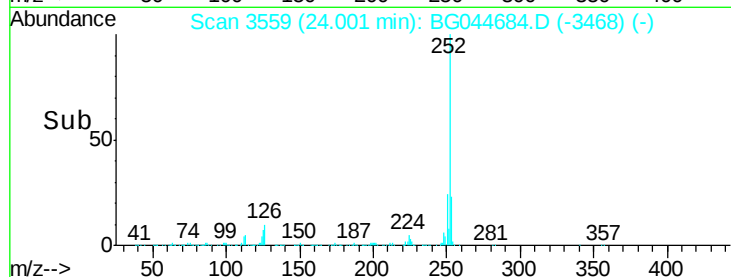
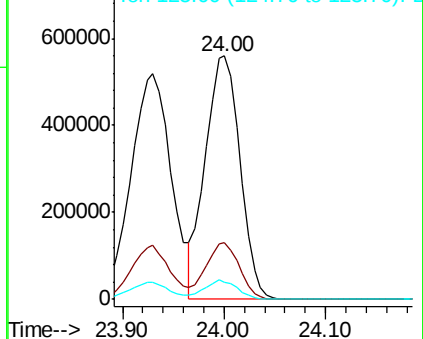
252 100

253 23.2 18.5 27.7

125 7.1 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 53.101 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

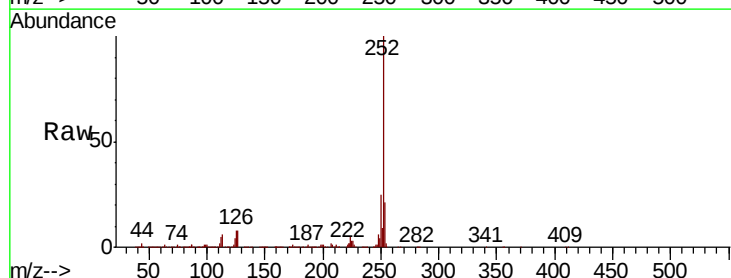
Tgt Ion:252 Resp: 1330889

Ion Ratio Lower Upper

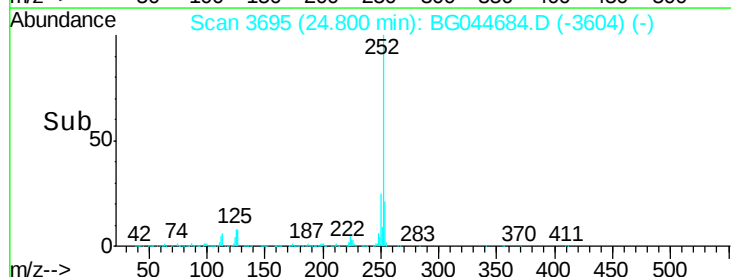
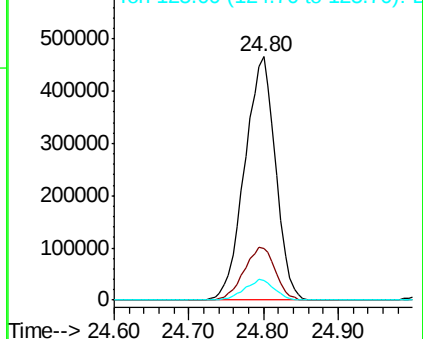
252 100

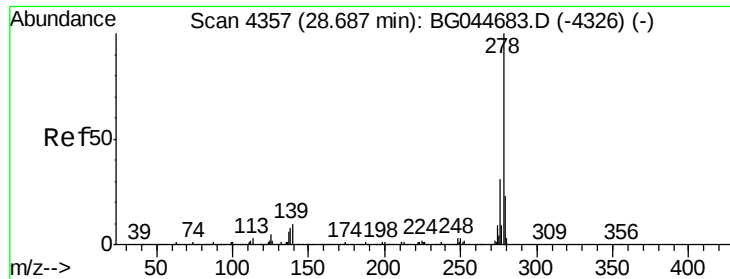
253 21.4 18.4 27.6

125 8.1 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.411 ng

RT: 28.70 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

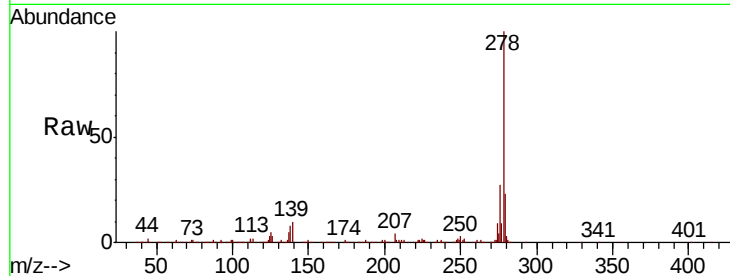
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1323915

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.4	12.6
279	23.0	18.2	27.2

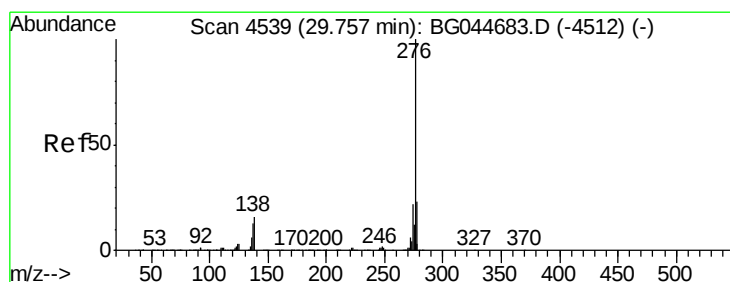
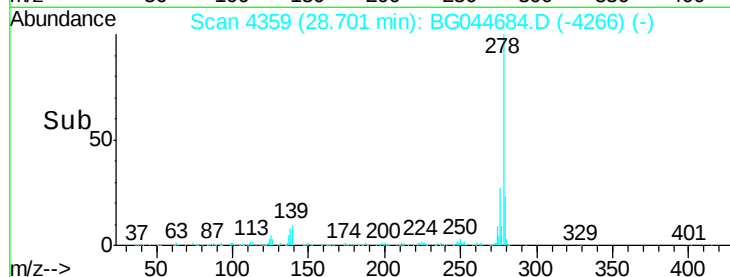
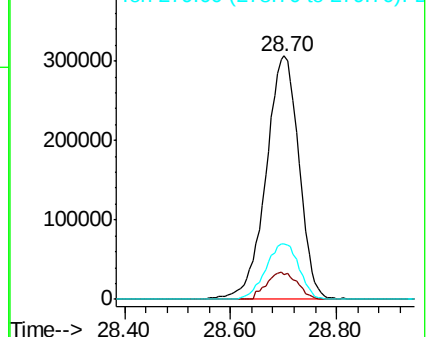


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.394 ng

RT: 29.77 min Scan# 4541

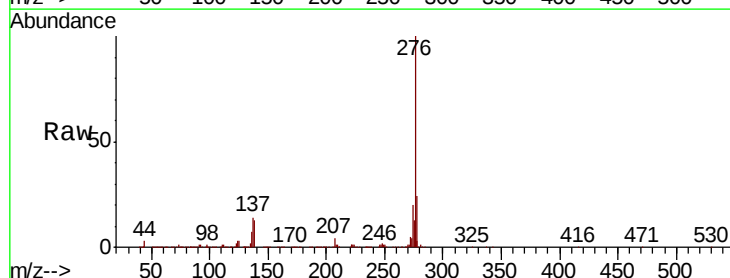
Delta R.T. 0.01 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:276 Resp: 1326004

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	13.4	12.7	19.1



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

