

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045100.D
 Acq On : 20 Apr 2020 17:43
 Operator : CG/JU
 Sample : L2346-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Manual Integrations
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 4/21/2020 2:53:47 PM

Quant Time: Apr 20 18:34:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	65886	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	286585	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	220238	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	489592	20.00	ng	0.00
76) Chrysene-d12	21.67	240	439591	20.00	ng	0.00
87) Perylene-d12	24.87	264	484920	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	259321	64.98	ng	0.00
7) Phenol-d6	7.20	99	401968	67.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	263800	42.00	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	214270	62.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	656290	43.70	ng	0.00
79) Terphenyl-d14	20.01	244	1130063	56.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	66449	37.466	ng	92
3) Pyridine	3.88	79	196932	36.063	ng	96
4) n-Nitrosodimethylamine	3.80	42	74299	44.415	ng	95
6) Aniline	7.34	93	250263	32.463	ng	97
8) 2-Chlorophenol	7.59	128	245563	57.254	ng	96
9) Benzaldehyde	7.16	77	111995	31.264	ng	98
10) Phenol	7.22	94	335276	56.507	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	213135	45.117	ng	96
12) 1,3-Dichlorobenzene	7.91	146	247094	48.890	ng	95
13) 1,4-Dichlorobenzene	8.06	146	242900	48.232	ng	97
14) 1,2-Dichlorobenzene	8.38	146	237825	49.362	ng	97
15) Benzyl Alcohol	8.26	79	249227	50.134	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	199711	43.067	ng	95
17) 2-Methylphenol	8.47	107	224079	48.948	ng	94
18) Hexachloroethane	9.11	117	94135	49.722	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	196183	46.786	ng	98
20) 3+4-Methylphenols	8.80	107	322266	50.294	ng	98
22) Acetophenone	8.85	105	362460	46.769	ng	99
24) Nitrobenzene	9.22	77	306549	47.615	ng	97
25) Isophorone	9.75	82	569008	44.239	ng	99
26) 2-Nitrophenol	9.94	139	148759	53.642	ng	97
27) 2,4-Dimethylphenol	10.01	122	241713	54.932	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	322424	47.710	ng	97
29) 2,4-Dichlorophenol	10.49	162	278940	54.900	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	287552	49.986	ng	97
31) Naphthalene	10.89	128	773860	49.361	ng	99
32) Benzoic acid	10.17	122	172958	48.569	ng	94
33) 4-Chloroaniline	10.99	127	133140	18.210	ng	96
34) Hexachlorobutadiene	11.18	225	195692	49.616	ng	97
35) Caprolactam	11.77	113	96750m	47.845	ng	
36) 4-Chloro-3-methylphenol	12.12	107	315256	52.818	ng	99
37) 2-Methylnaphthalene	12.49	142	610290	50.153	ng	98
38) 1-Methylnaphthalene	12.71	142	583579	50.800	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	350959	49.493	ng	100

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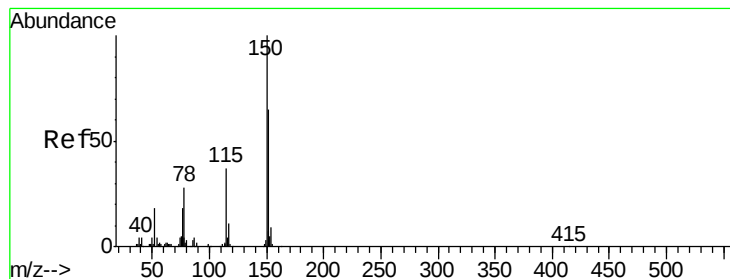
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	338574	76.392	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	256565	51.266	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	274765	48.233	nq	98
46) 1,1'-Biphenyl	13.49	154	788852	47.125	nq	97
47) 2-Chloronaphthalene	13.54	162	617249	48.257	nq	100
48) 2-Nitroaniline	13.73	65	193105	45.886	nq	94
49) Acenaphthylene	14.38	152	996802	47.844	nq	99
50) Dimethylphthalate	14.12	163	898941	50.128	nq	100
51) 2,6-Dinitrotoluene	14.23	165	185934	46.356	nq	96
52) Acenaphthene	14.73	154	732914m	51.993	nq	
53) 3-Nitroaniline	14.56	138	128150	29.130	nq	91
54) 2,4-Dinitrophenol	14.76	184	194551	81.570	nq	94
55) Dibenzofuran	15.06	168	970569	47.226	nq	98
56) 4-Nitrophenol	14.88	139	303298	88.919	nq	97
57) 2,4-Dinitrotoluene	15.02	165	265791	45.343	nq	94
58) Fluorene	15.71	166	799294	47.614	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	259531	51.203	nq	98
60) Diethylphthalate	15.48	149	835619	44.693	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	445054	46.061	nq	97
62) 4-Nitroaniline	15.73	138	167767	36.768	nq	92
63) Azobenzene	15.99	77	795633	46.157	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	137457	42.714	nq	97
66) n-Nitrosodiphenylamine	15.91	169	709751	50.455	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	307596	48.700	nq	96
68) Hexachlorobenzene	16.72	284	331917	50.670	nq	97
69) Atrazine	16.87	200	288606	57.587	nq	99
70) Pentachlorophenol	17.06	266	388941	96.787	nq	99
71) Phenanthrene	17.45	178	1228699	48.838	nq	100
72) Anthracene	17.54	178	1267581	50.227	nq	100
73) Carbazole	17.81	167	1141357	44.566	nq	98
74) Di-n-butylphthalate	18.37	149	1376055	50.039	nq	100
75) Fluoranthene	19.46	202	1479092	46.317	nq	98
77) Benzidine	19.63	184	872094	72.078	nq	99
78) Pyrene	19.81	202	1459651	48.164	nq	100
80) Butylbenzylphthalate	20.70	149	595661	47.418	nq	97
81) Benzo(a)anthracene	21.65	228	1398257	49.076	nq	100
82) 3,3'-Dichlorobenzidine	21.57	252	393697	34.716	nq	98
83) Chrysene	21.72	228	1326716	48.464	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	806019	46.652	nq	100
85) Di-n-octyl phthalate	22.78	149	1388366	46.470	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1770496	48.712	nq	# 97
88) Benzo(b)fluoranthene	23.86	252	1467954	48.327	nq	99
89) Benzo(k)fluoranthene	23.93	252	1434996	49.677	nq	98
90) Benzo(a)pyrene	24.72	252	1387168	48.369	nq	98
91) Dibenzo(a,h)anthracene	28.57	278	1456590	50.404	nq	# 96
92) Benzo(g,h,i)perylene	29.64	276	1391922	48.044	nq	98

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



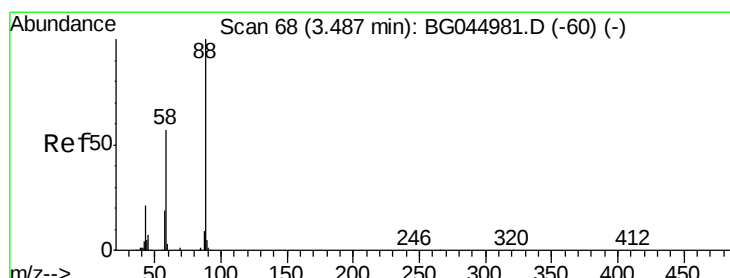
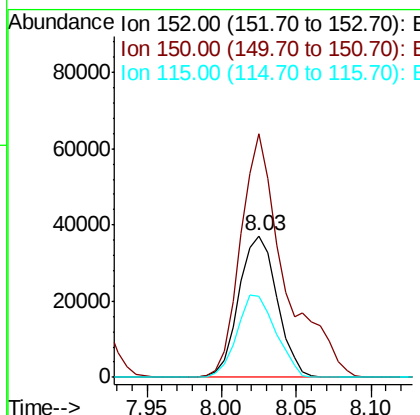
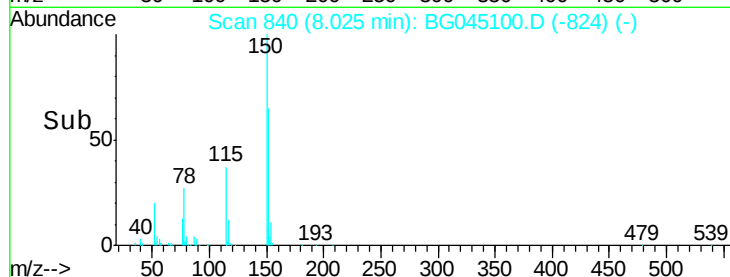
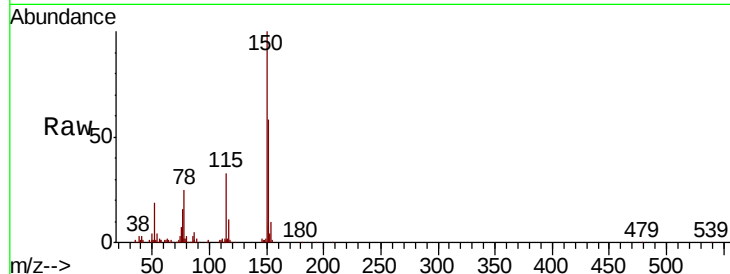
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 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion:	152	Resp:	65886
Ion	Ratio	Lower	Upper
152	100		
150	171.8	123.6	185.4
115	57.5	49.1	73.7

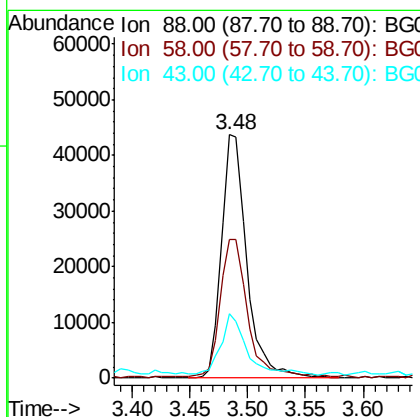
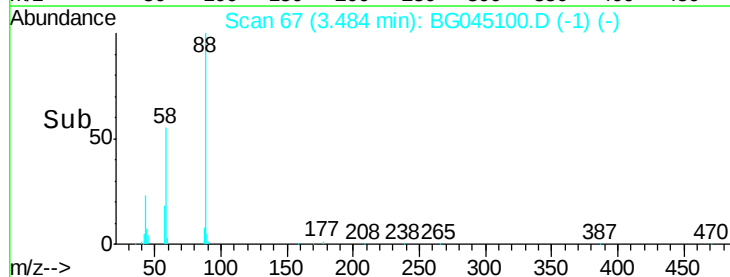
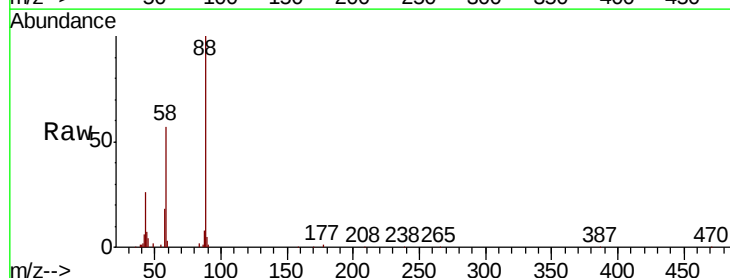
Manual Integrations
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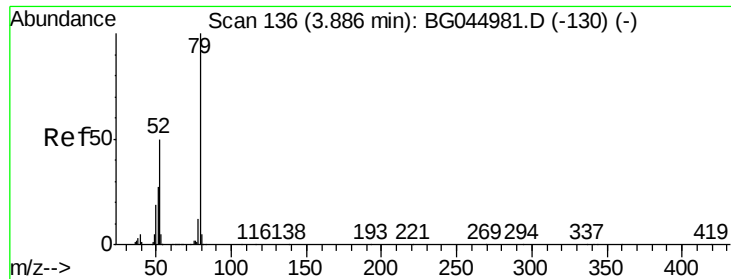
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#2
 1,4-Dioxane
 Concen: 37.466 ng
 RT: 3.48 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion:	88	Resp:	66449
Ion	Ratio	Lower	Upper
88	100		
58	64.1	46.6	69.8
43	25.7	17.5	26.3





#3

Pvridine

Concen: 36.063 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

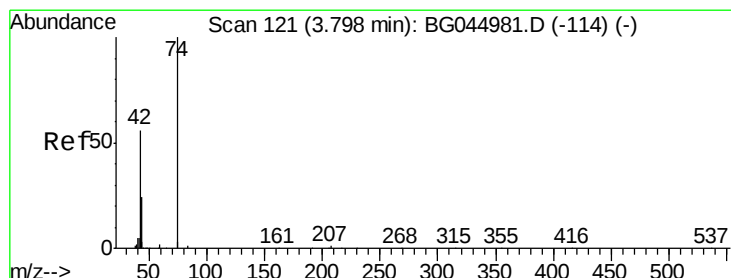
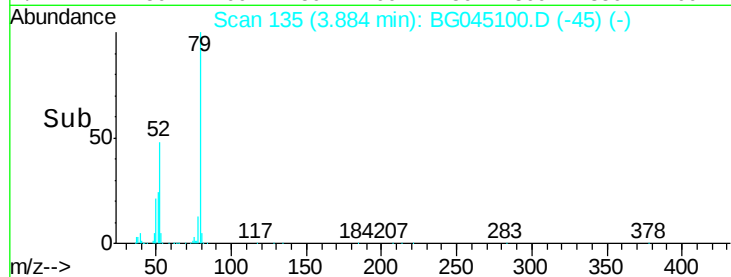
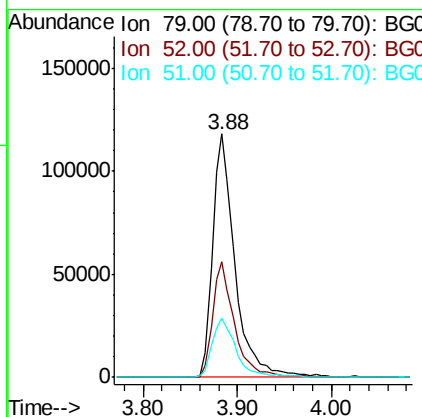
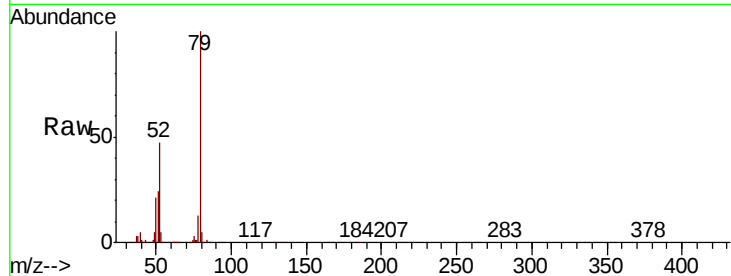
ClientSampleId :

S-2MSD

Tot Ion:	79	Resp:	196932
Ion Ratio	Lower	Upper	
79	100		
52	47.5	39.8	59.6
51	24.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 44.415 ng

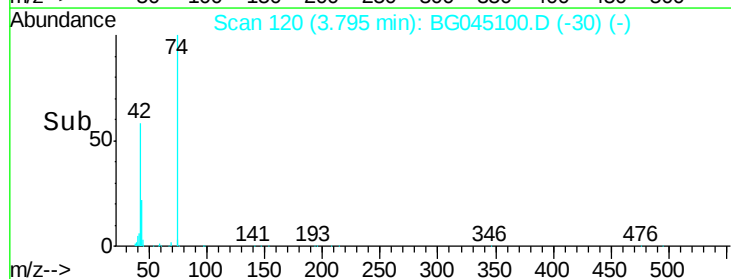
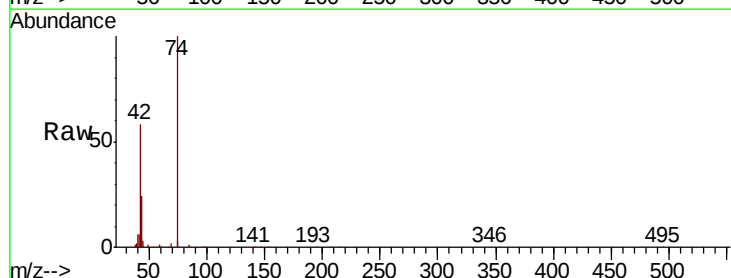
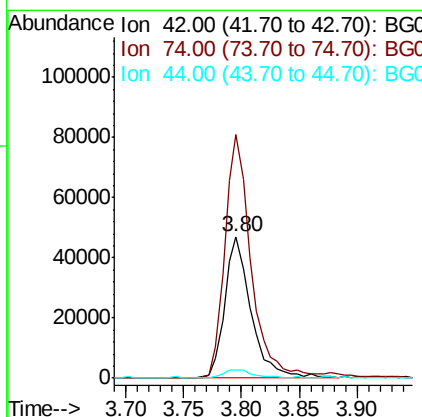
RT: 3.80 min Scan# 120

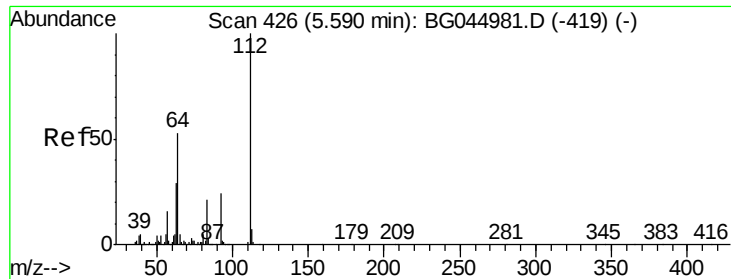
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	42	Resp:	74299
Ion Ratio	Lower	Upper	
42	100		
74	171.8	143.0	214.6
44	5.8	4.6	6.8





#5

2-Fluorophenol

Concen: 64.980 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

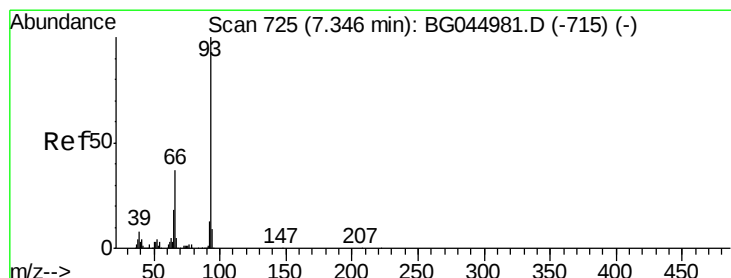
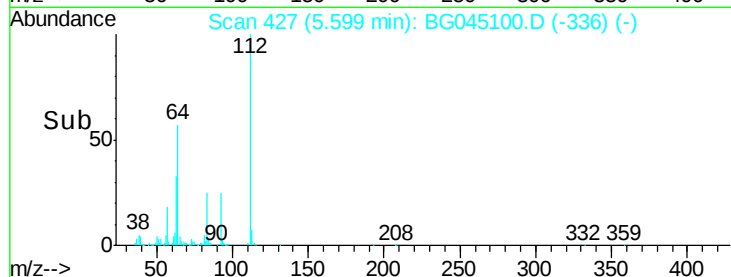
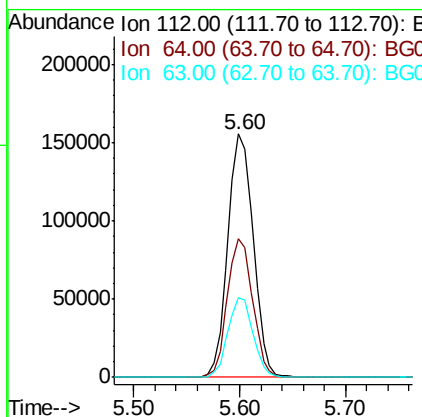
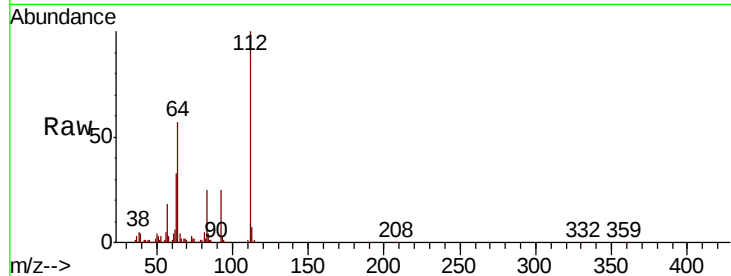
ClientSampleId :

S-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		259321		
64	57.2	42.4	63.6		
63	32.9	23.1	34.7		

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#6

Aniline

Concen: 32.463 ng

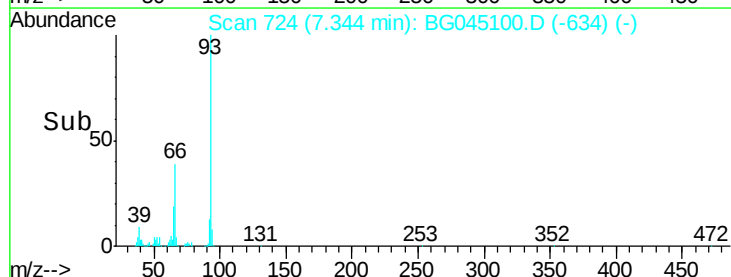
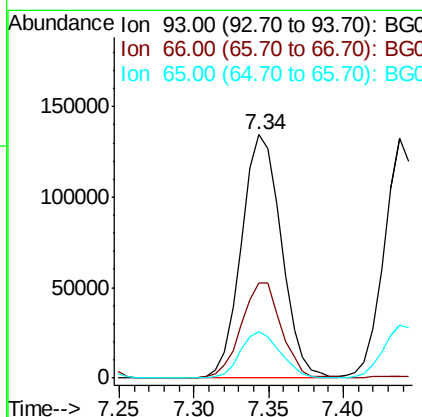
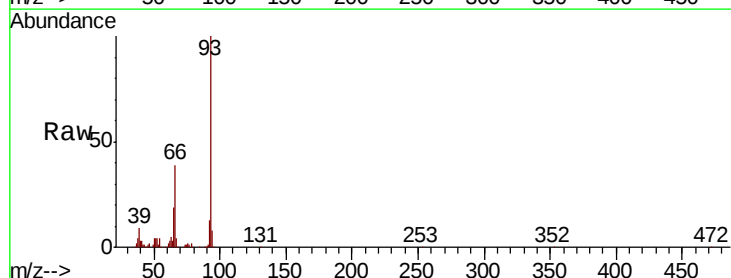
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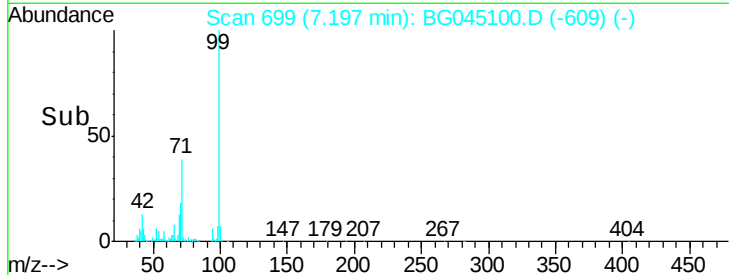
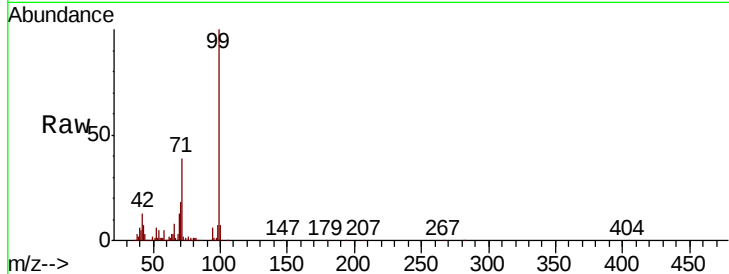
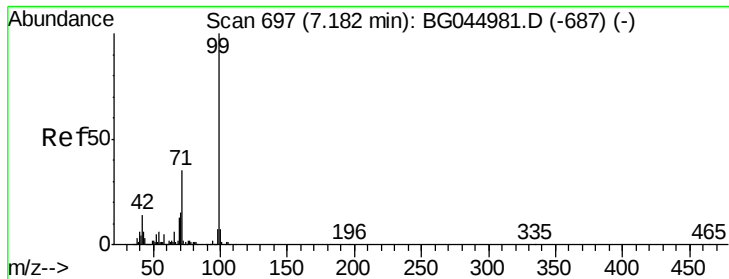
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		250263		
66	39.2	29.8	44.8		
65	19.0	14.6	22.0		





#7

Phenol-d6

Concen: 67.793 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		401968		
42	13.4	11.3	16.9		
71	39.0	28.3	42.5		

Instrument :

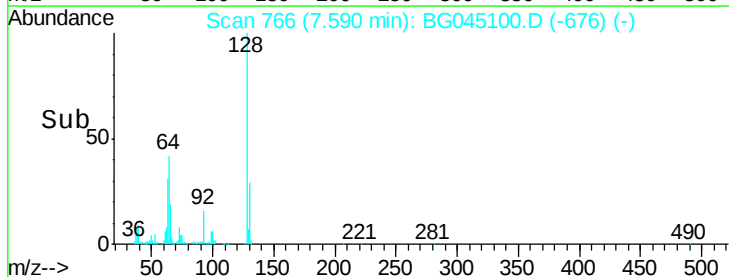
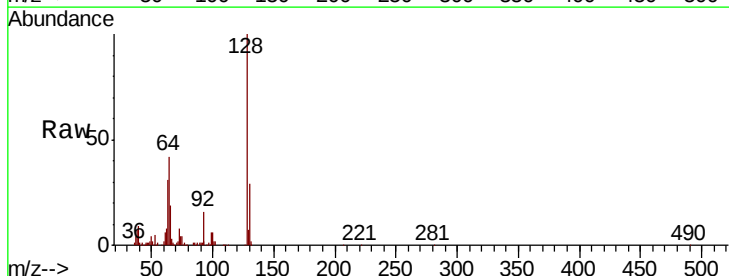
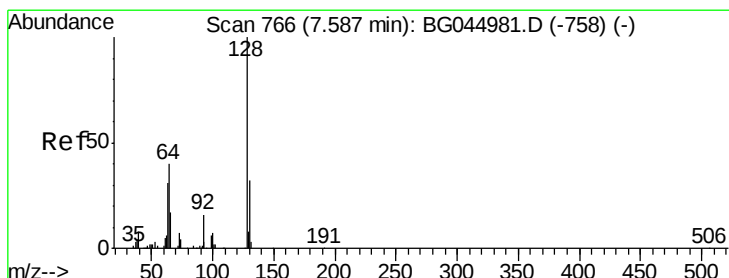
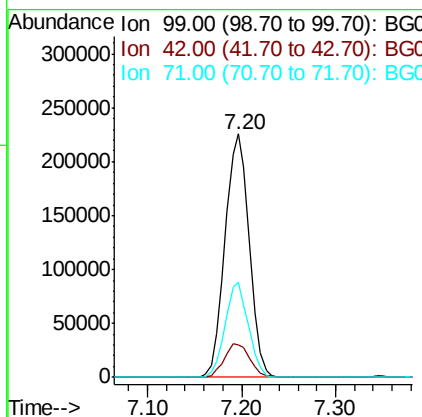
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#8

2-Chlorophenol

Concen: 57.254 ng

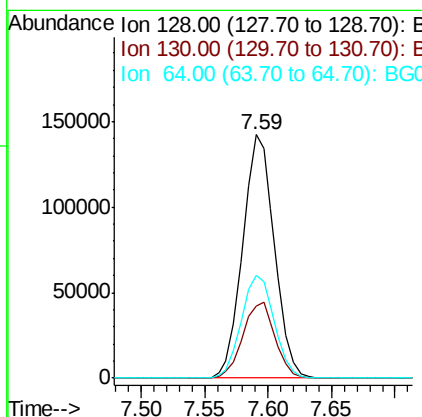
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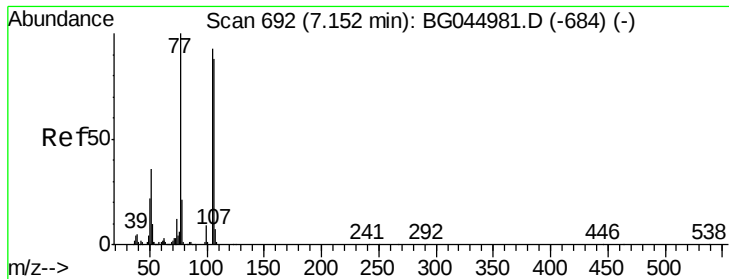
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		245563		
130	29.5	12.3	52.3		
64	42.1	24.4	64.4		





#9

Benzaldehyde

Concen: 31.264 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

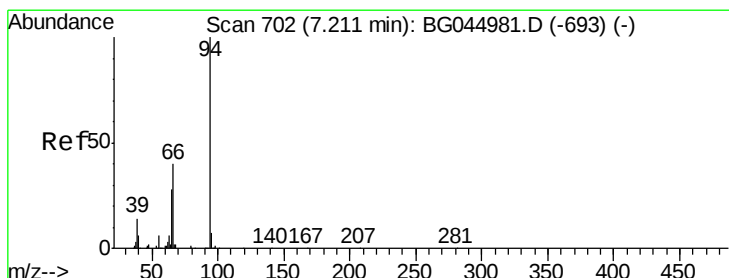
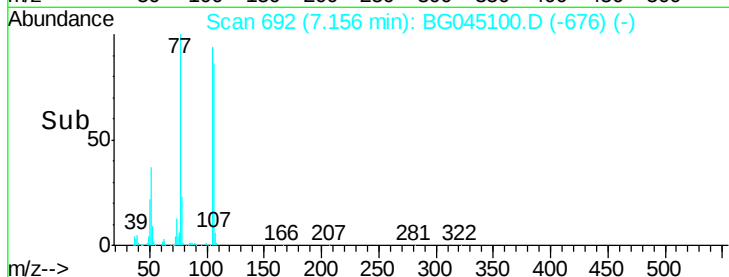
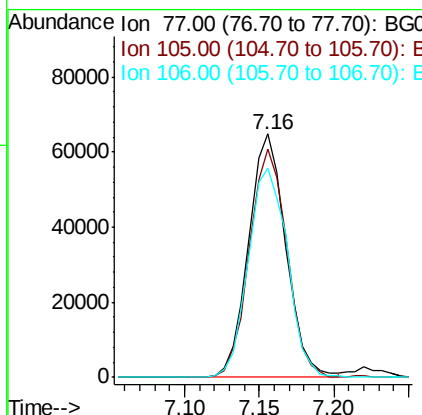
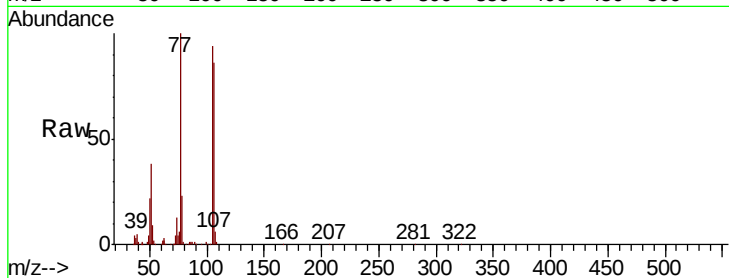
ClientSampleId :

S-2MSD

Tot Ion:	77	Resp:	111995
Ion	Ratio	Lower	Upper
77	100		
105	93.8	72.9	112.9
106	85.7	67.6	107.6

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#10

Phenol

Concen: 56.507 ng

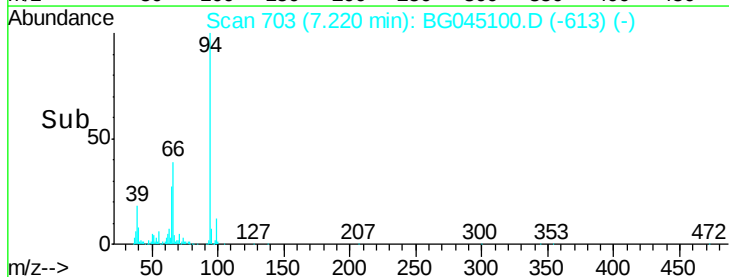
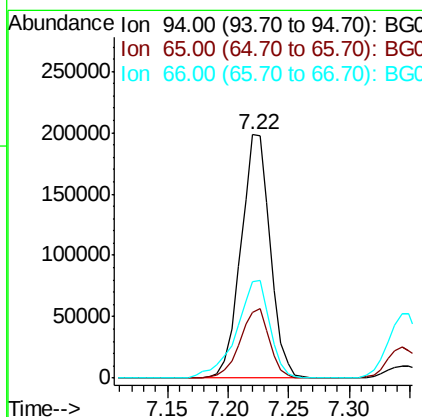
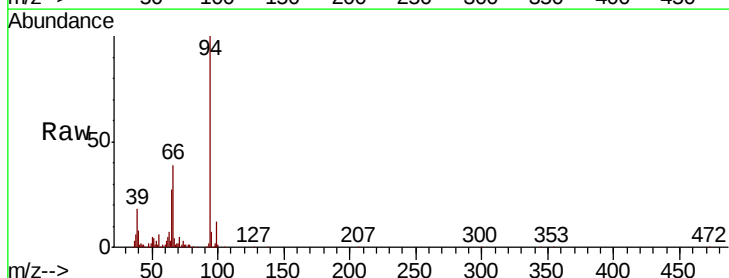
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Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	94	Resp:	335276
Ion	Ratio	Lower	Upper
94	100		
65	27.2	8.2	48.2
66	39.4	20.4	60.4





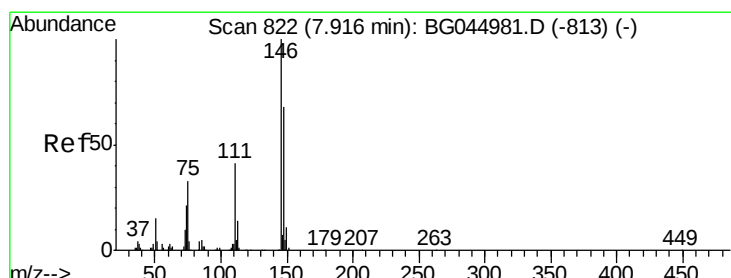
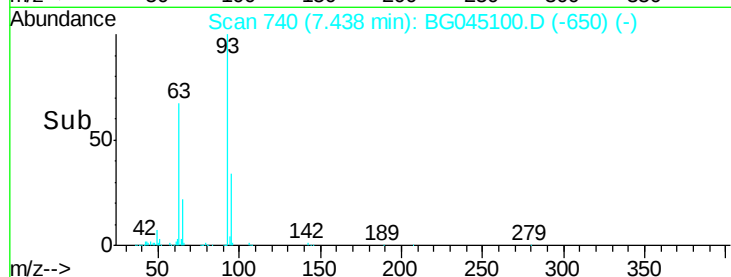
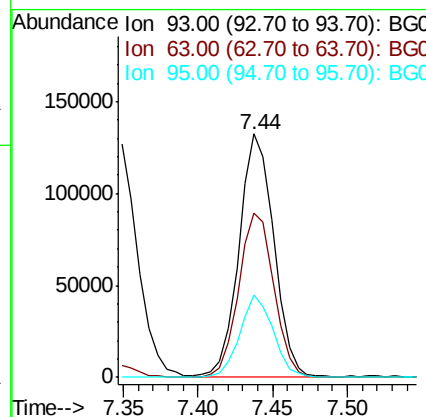
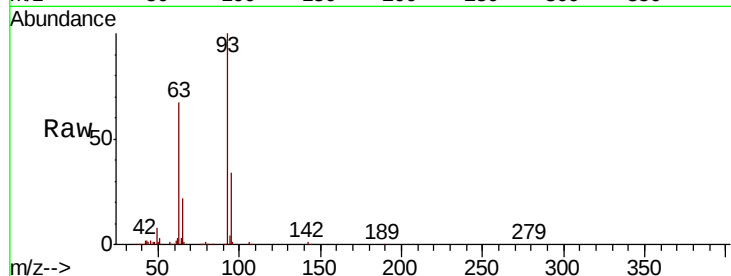
#11
bis(2-Chloroethyl)ether
Concen: 45.117 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	213135		
63	67.5	51.8	91.8	
95	34.1	13.8	53.8	

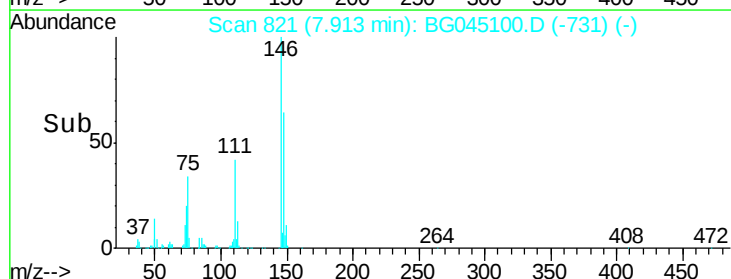
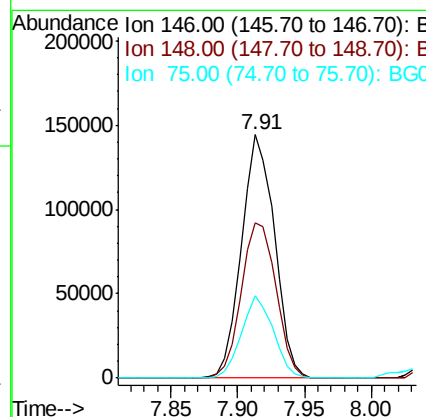
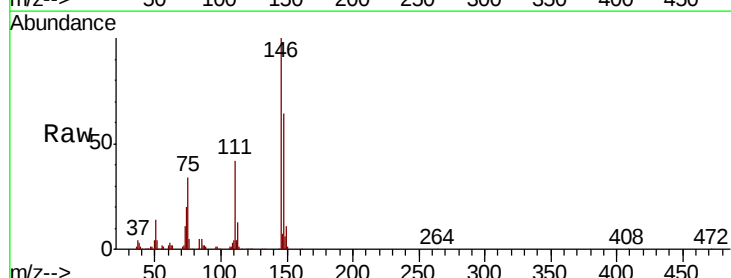
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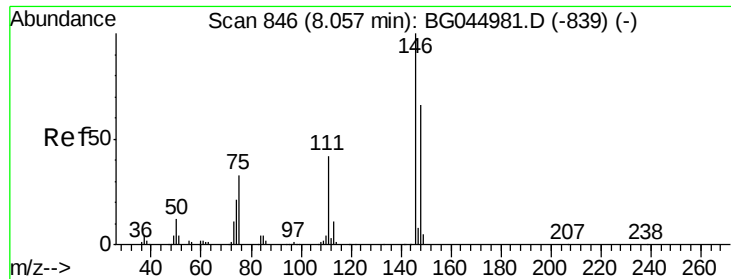
mohammad
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#12
1,3-Dichlorobenzene
Concen: 48.890 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	247094		
148	63.7	54.6	81.8	
75	33.8	26.0	39.0	





#13

1,4-Dichlorobenzene

Concen: 48.232 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

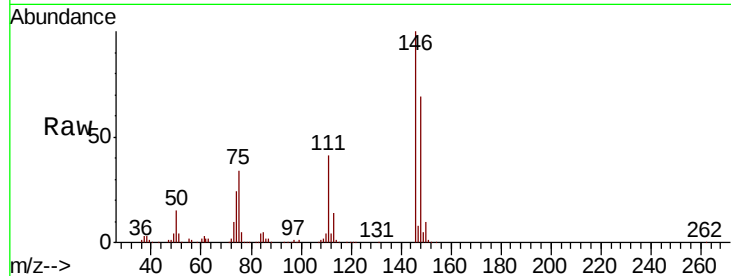
ClientSampleId :

S-2MSD

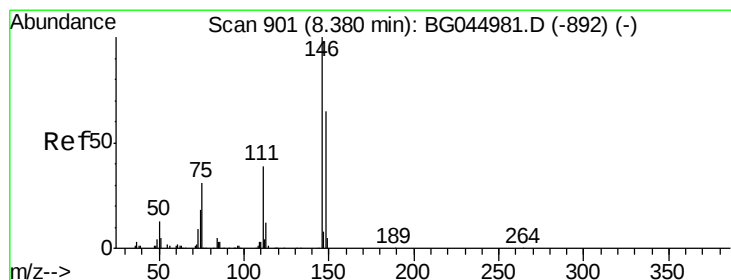
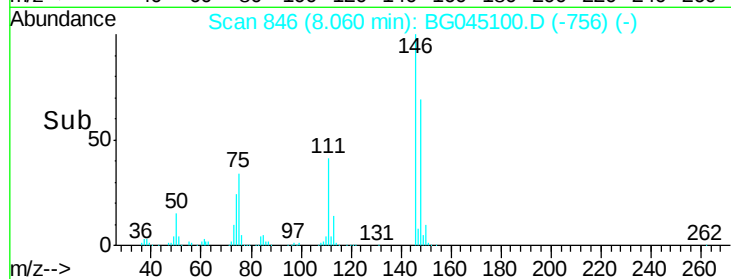
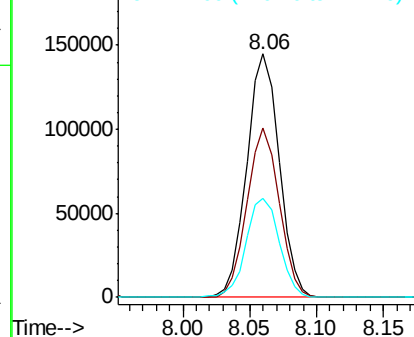
Tot Ion:	146	Resp:	242900
Ion Ratio	Lower	Upper	
146	100		
148	69.4	53.3	79.9
111	40.8	33.8	50.8

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



#14

1,2-Dichlorobenzene

Concen: 49.362 ng

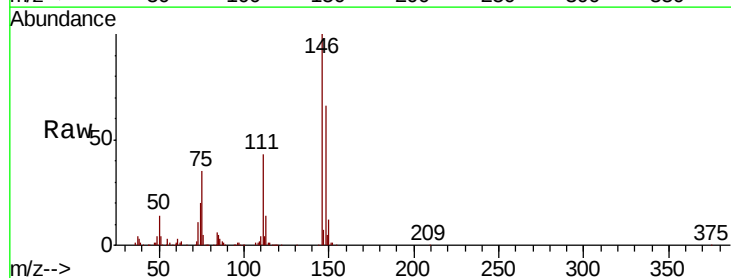
RT: 8.38 min Scan# 901

Delta R.T. 0.00 min

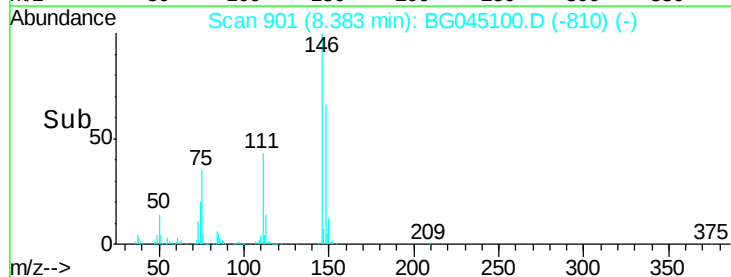
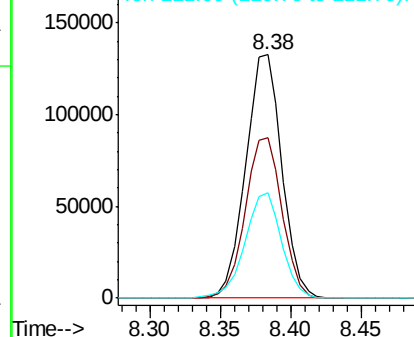
Lab File: BG045100.D

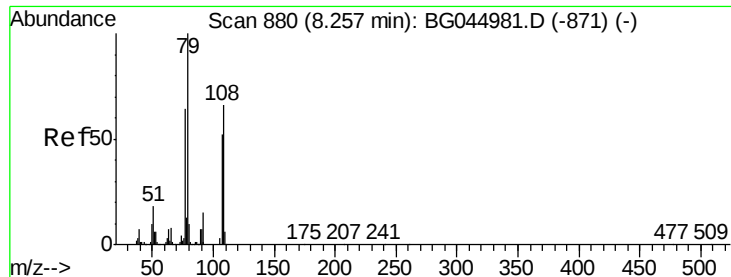
Acq: 20 Apr 2020 17:43

Tgt Ion:	146	Resp:	237825
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.9	77.9
111	43.1	31.3	46.9



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





#15

Benzyl Alcohol

Concen: 50.134 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

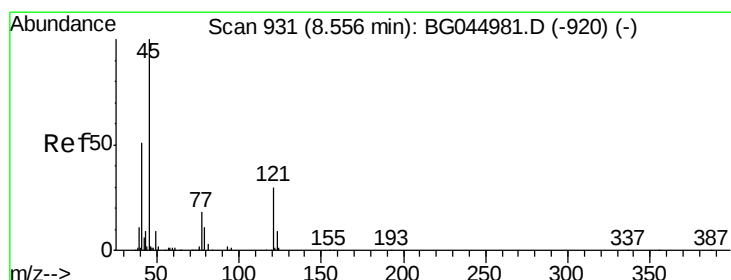
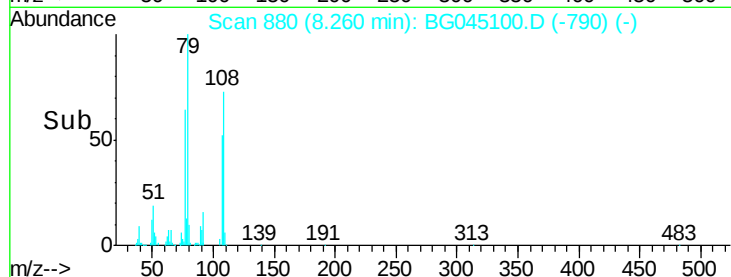
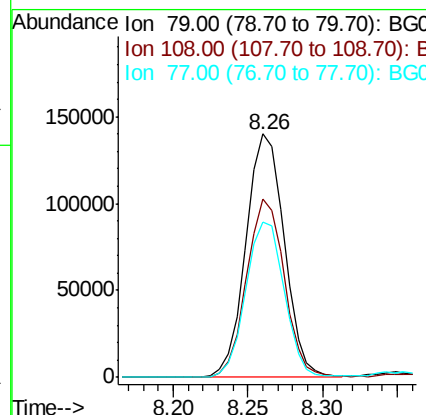
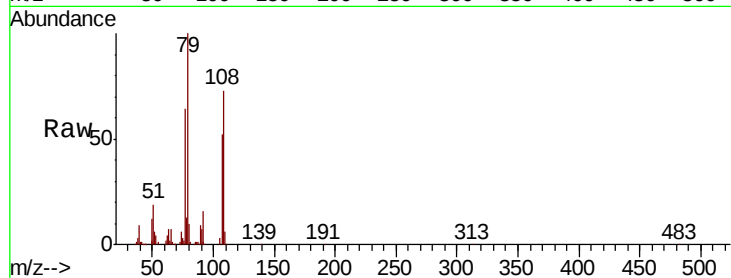
ClientSampleId :

S-2MSD

Tot Ion:	79	Resp:	249227
Ion	Ratio	Lower	Upper
79	100		
108	73.1	52.7	79.1
77	64.0	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.067 ng

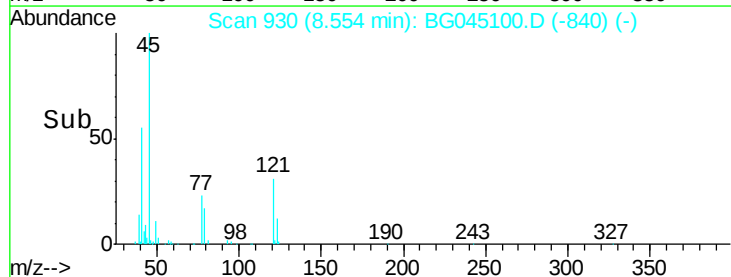
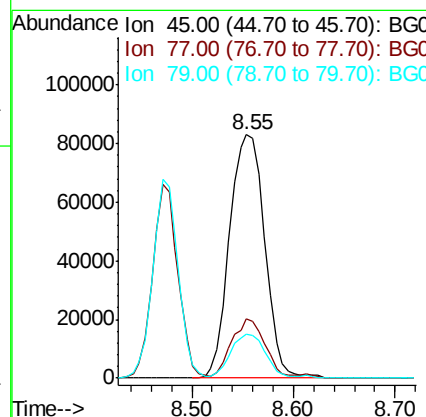
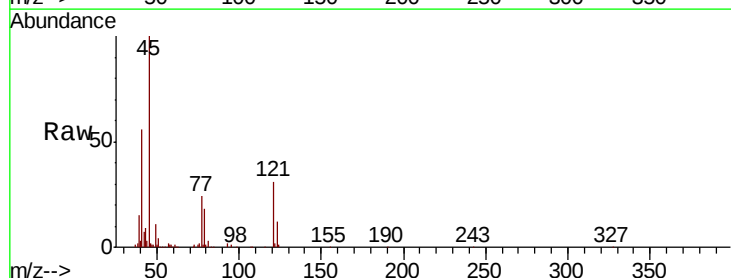
RT: 8.55 min Scan# 930

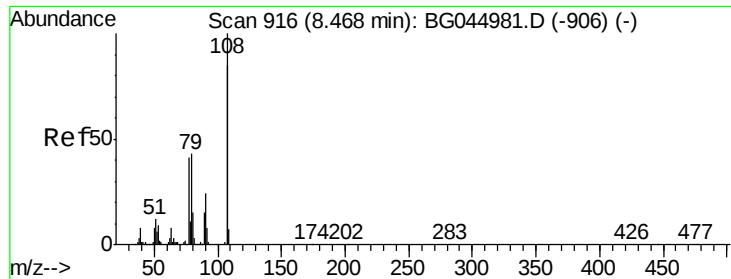
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	45	Resp:	199711
Ion	Ratio	Lower	Upper
45	100		
77	24.2	1.9	41.9
79	18.1	0.0	35.5





#17

2-Methylphenol

Concen: 48.948 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

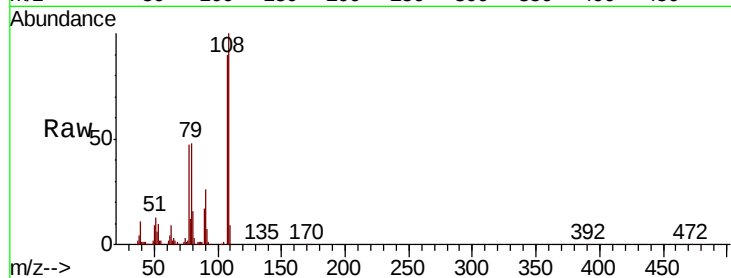
ClientSampleId :

S-2MSD

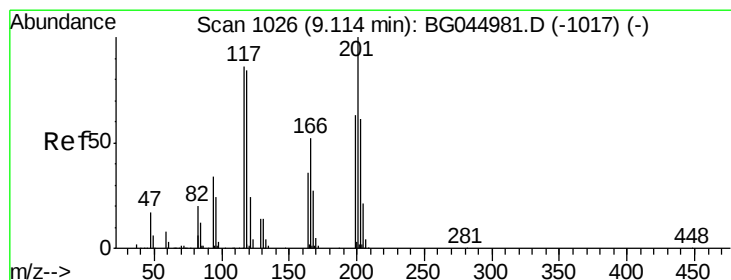
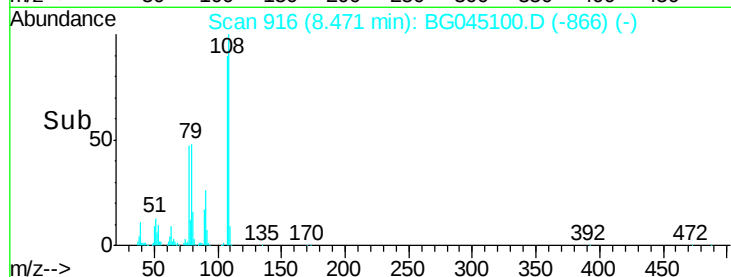
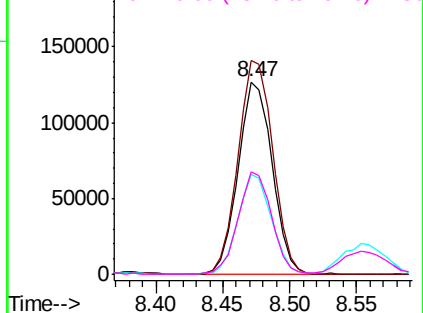
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	93.8	140.6	
77	52.0	38.5	57.7	
79	53.5	40.1	60.1	

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



#18

Hexachloroethane

Concen: 49.722 ng

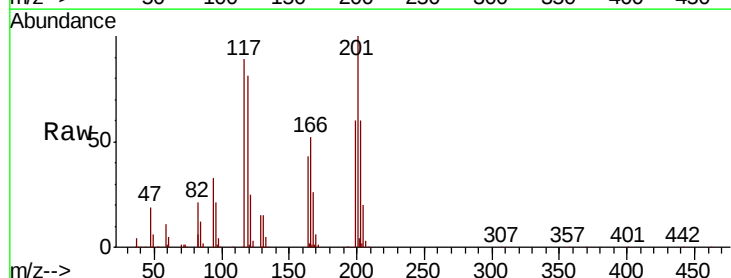
RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

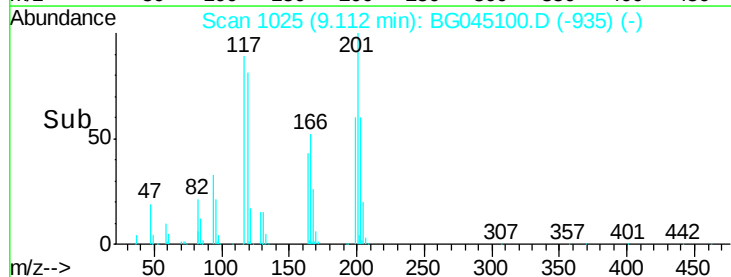
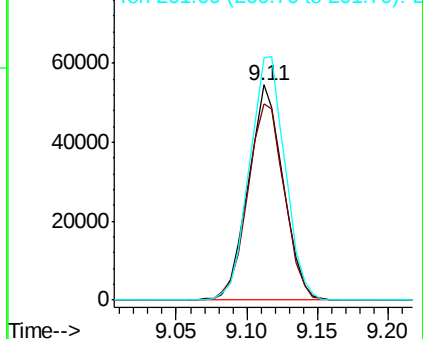
Lab File: BG045100.D

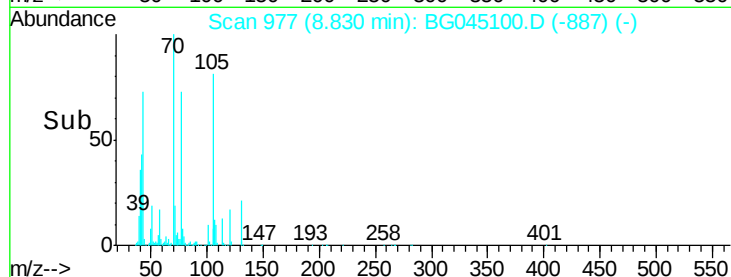
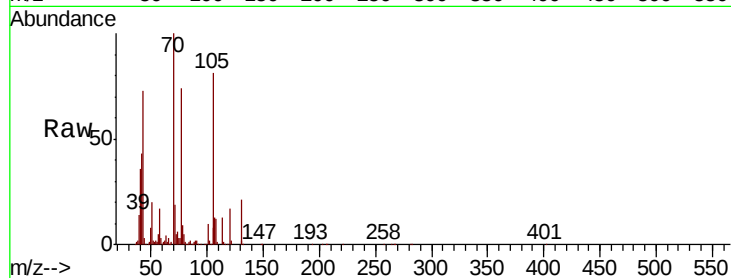
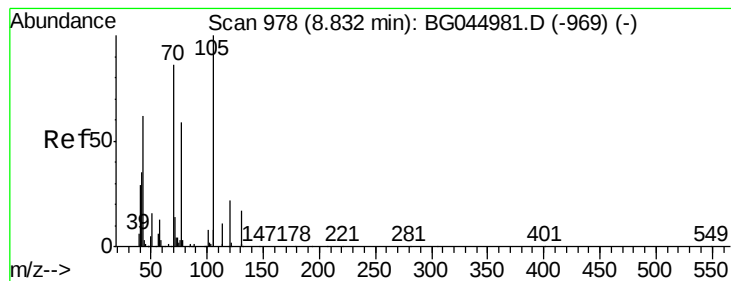
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	78.3	117.5	
201	112.5	92.9	139.3	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.786 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

Tot Ion: 70 Resp: 196183

Ion Ratio Lower Upper

70 100

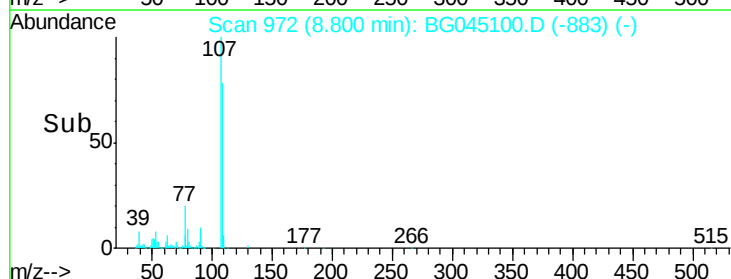
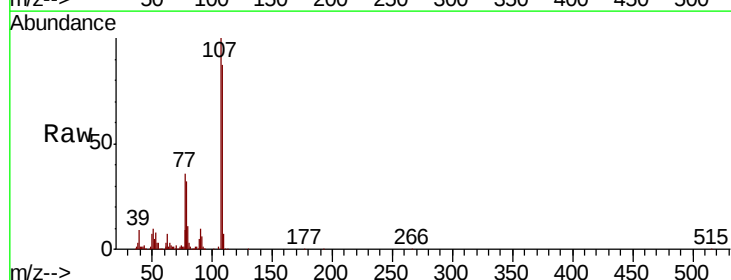
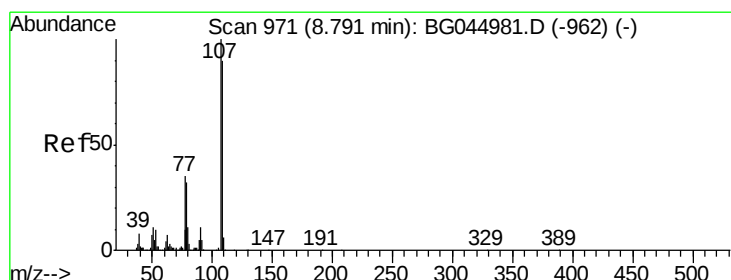
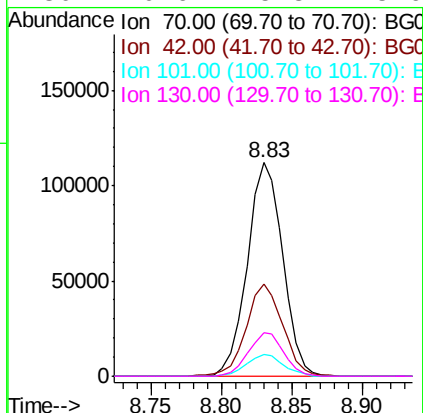
42 43.0 33.3 49.9

101 9.9 7.8 11.8

130 20.6 15.8 23.6

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#20

3+4-Methylphenols

Concen: 50.294 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion: 107 Resp: 322266

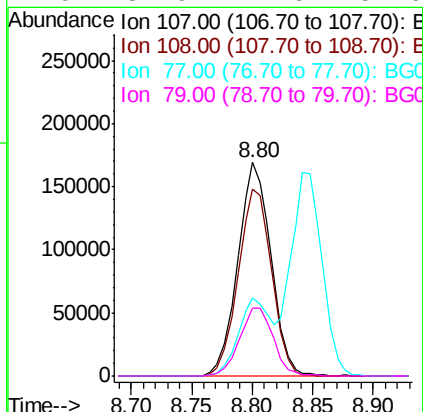
Ion Ratio Lower Upper

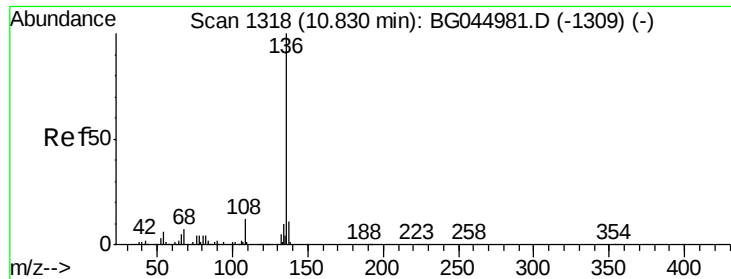
107 100

108 87.3 69.9 109.9

77 36.3 15.2 55.2

79 31.9 11.6 51.6





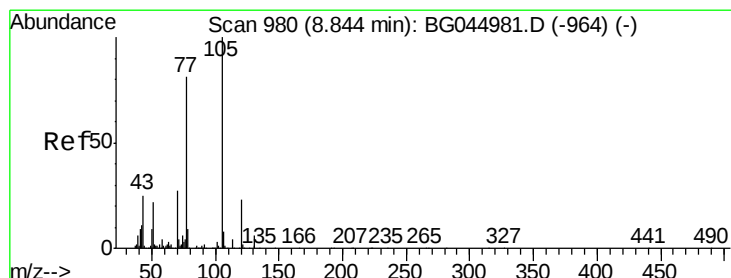
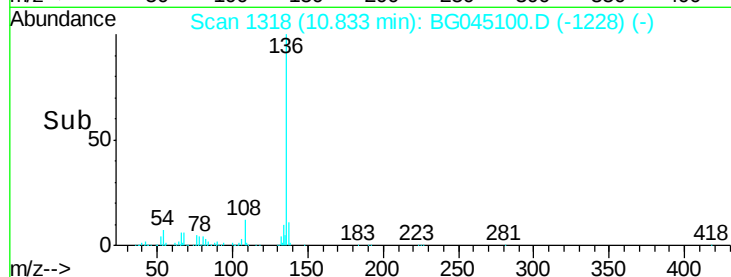
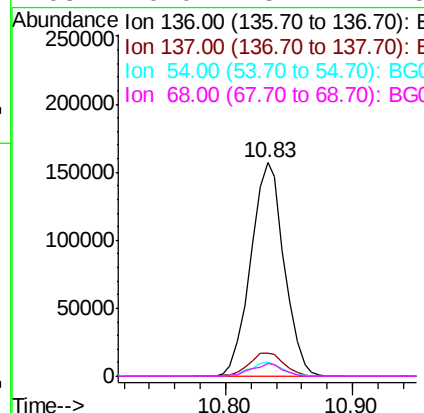
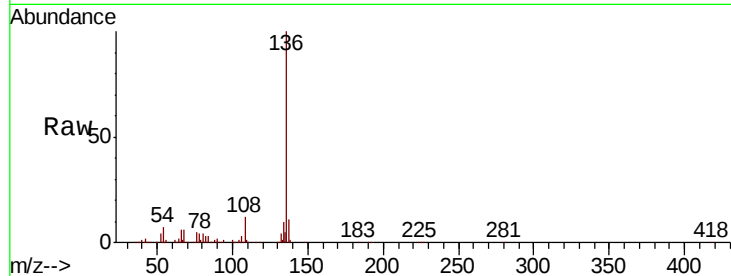
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	286585		
137	10.9		8.6	13.0
54	6.8		4.8	7.2
68	6.0		5.2	7.8

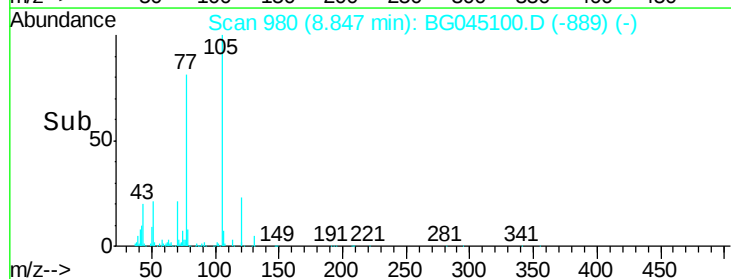
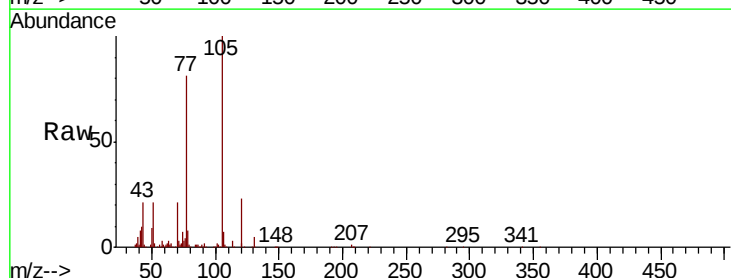
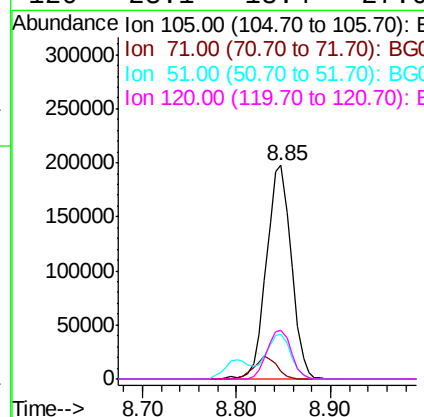
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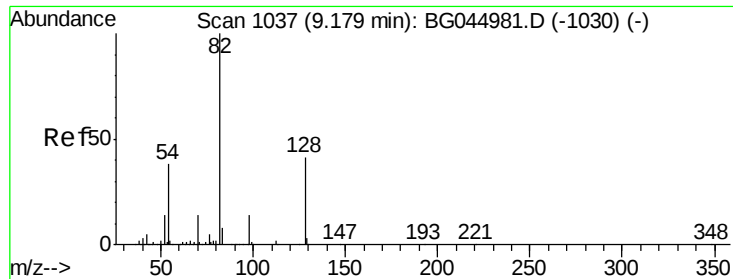
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#22
Acetophenone
Concen: 46.769 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	362460		
71	3.3		3.3	4.9
51	21.2		17.3	25.9
120	23.1		18.4	27.6





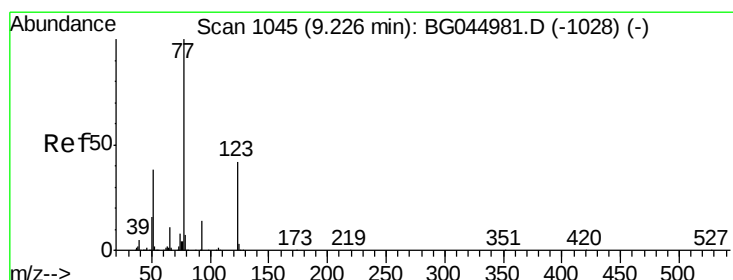
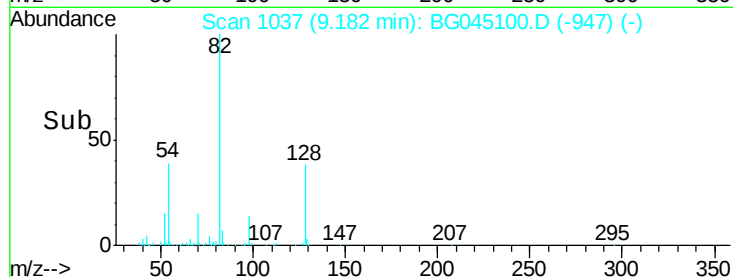
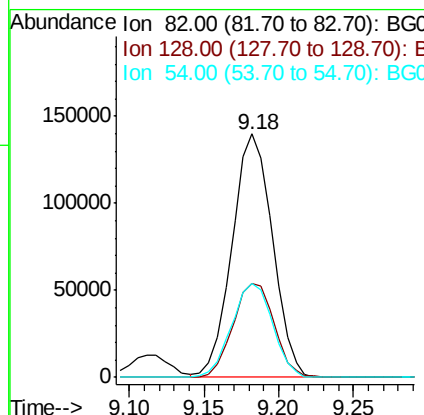
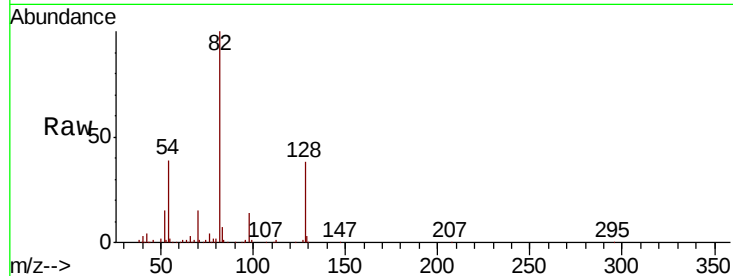
#23
 Nitrobenzene-d5
 Concen: 42.001 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	263800		
128	38.4		33.0	49.4
54	38.7		30.4	45.6

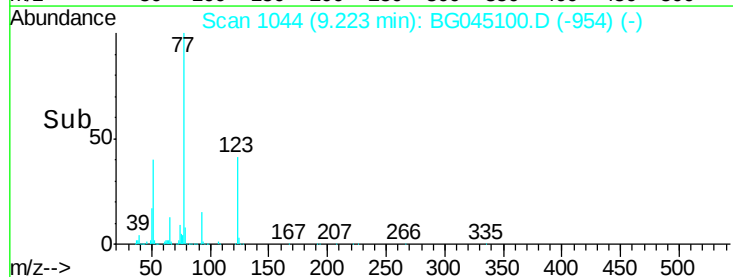
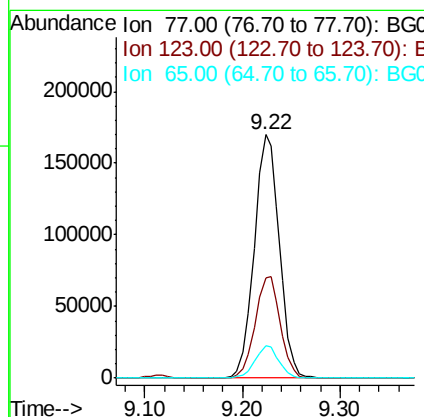
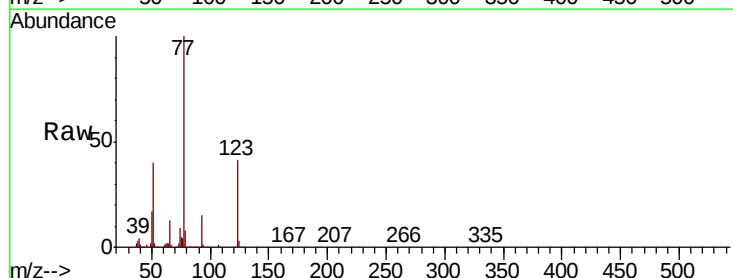
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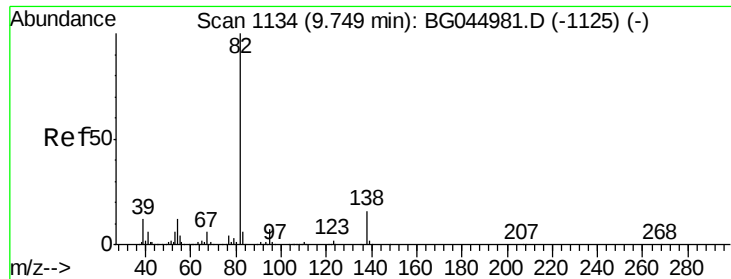
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#24
 Nitrobenzene
 Concen: 47.615 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	306549		
123	41.3		34.3	51.5
65	13.3		8.9	13.3





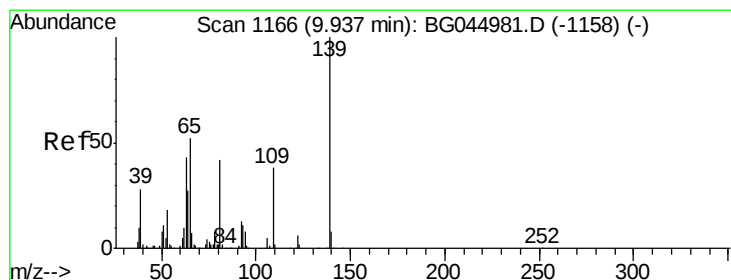
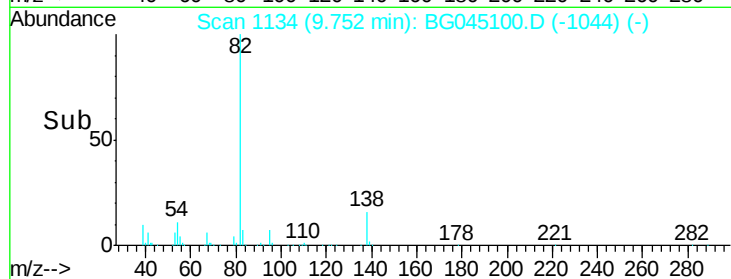
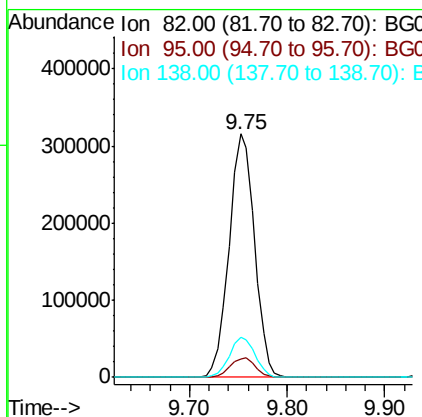
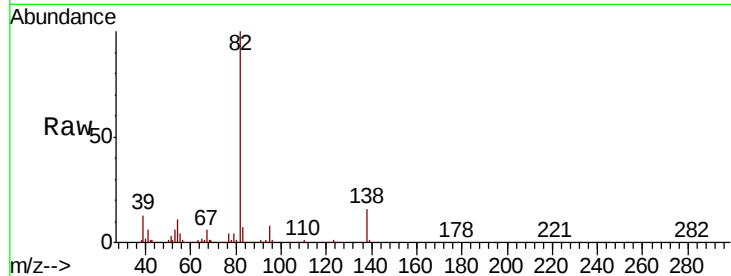
#25
Isophorone
Concen: 44.239 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	16.5	12.7	19.1

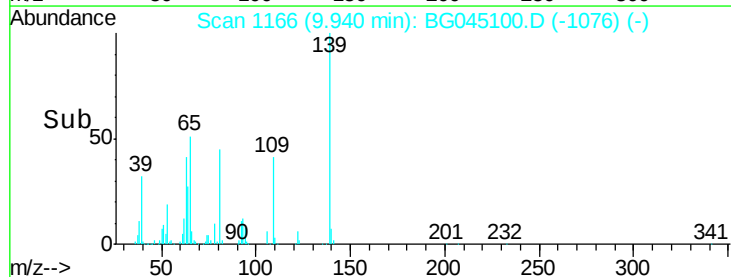
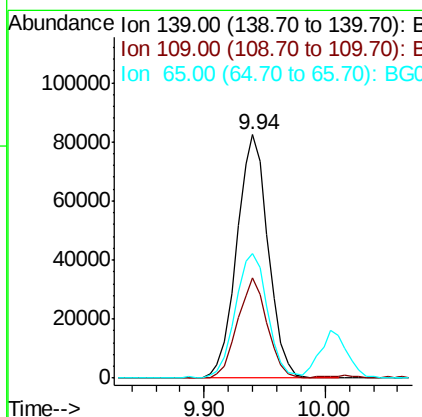
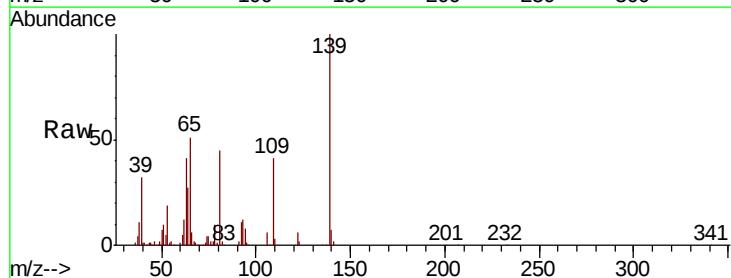
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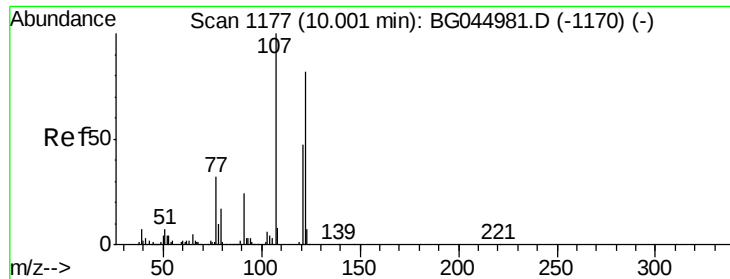
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#26
2-Nitrophenol
Concen: 53.642 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.0	30.6	45.8
65	51.0	41.8	62.6





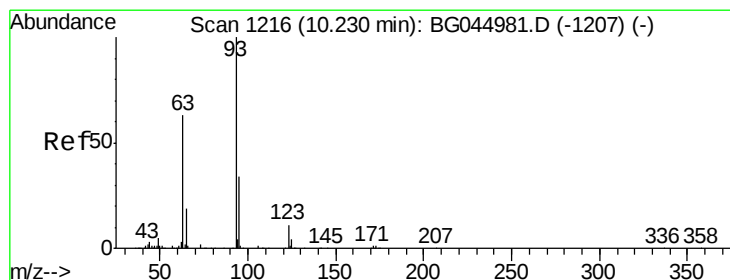
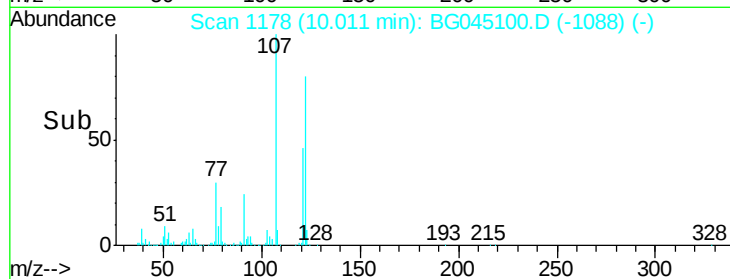
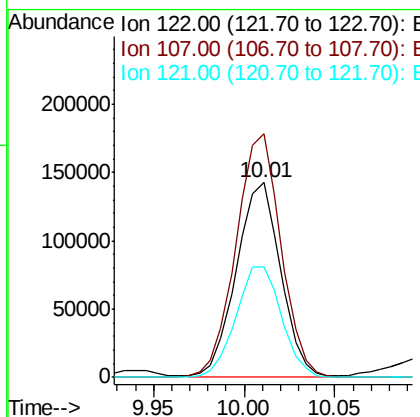
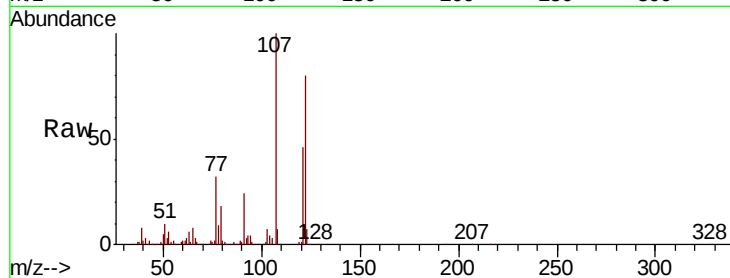
#27
2,4-Dimethylphenol
Concen: 54.932 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	241713		
107	124.9	96.8	145.2	
121	56.9	45.6	68.4	

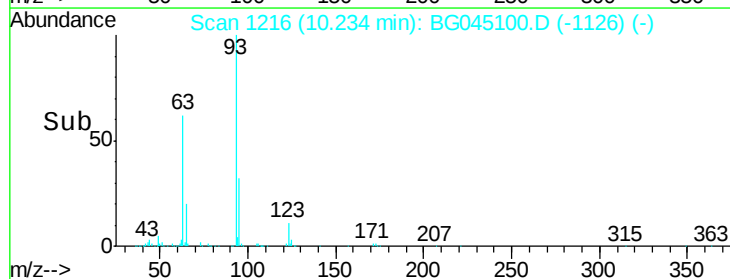
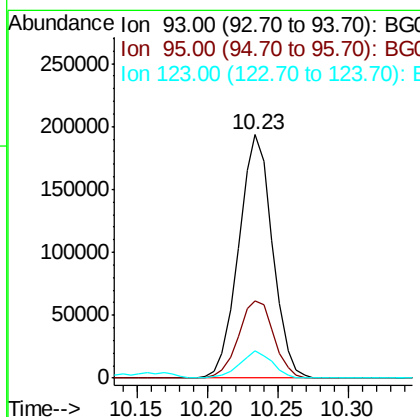
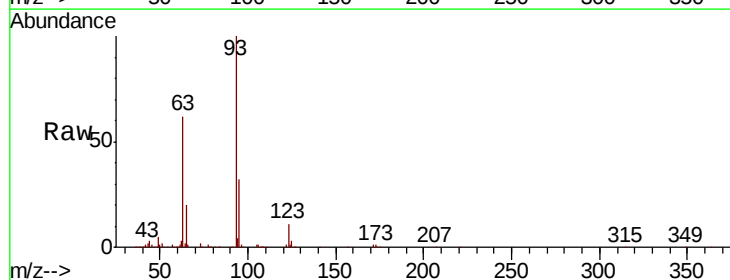
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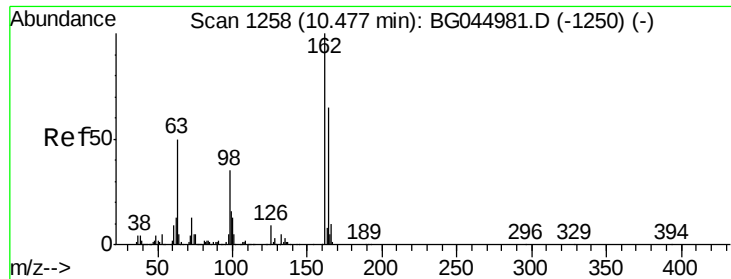
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.710 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	322424		
95	31.6	27.0	40.4	
123	11.0	8.7	13.1	





#29

2,4-Dichlorophenol

Concen: 54.900 ng

RT: 10.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

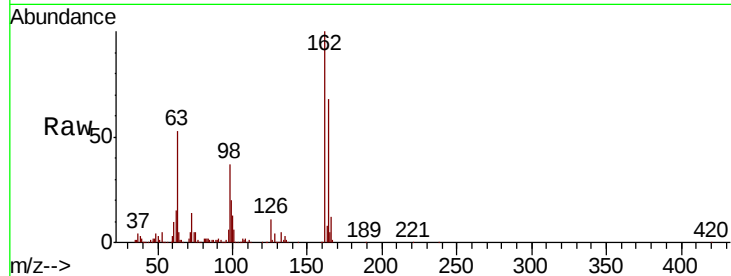
ClientSampleId :

S-2MSD

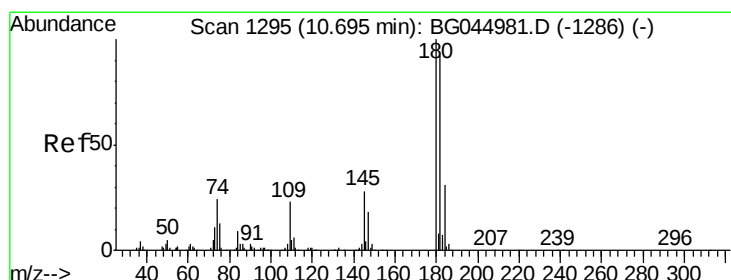
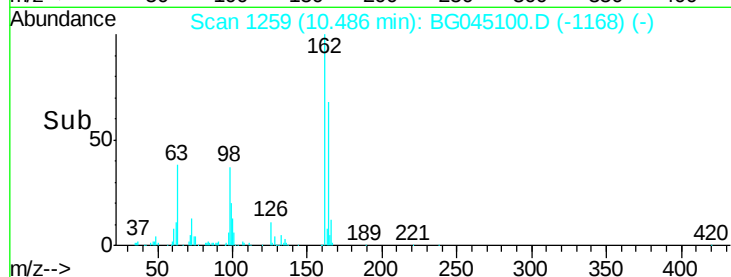
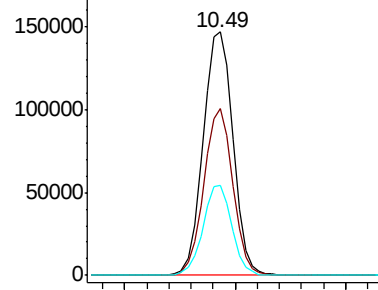
Tot Ion:	162	Resp:	278940
Ion Ratio	Lower	Upper	
162	100		
164	68.3	45.0	85.0
98	37.1	15.2	55.2

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Abundance Ion 162.00 (161.70 to 162.70): E
200000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 49.986 ng

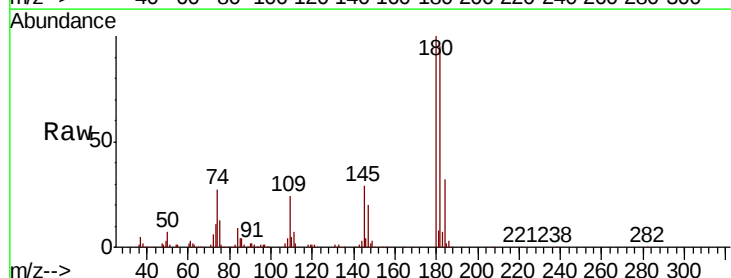
RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

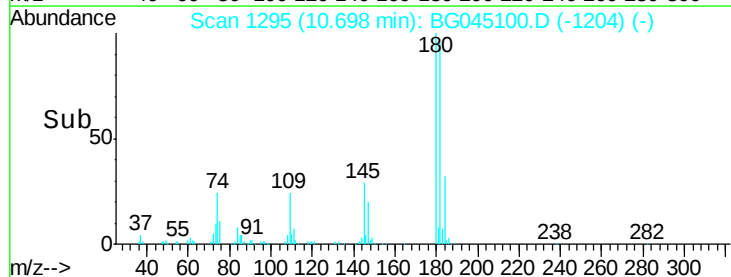
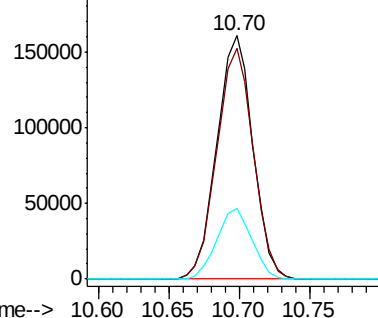
Lab File: BG045100.D

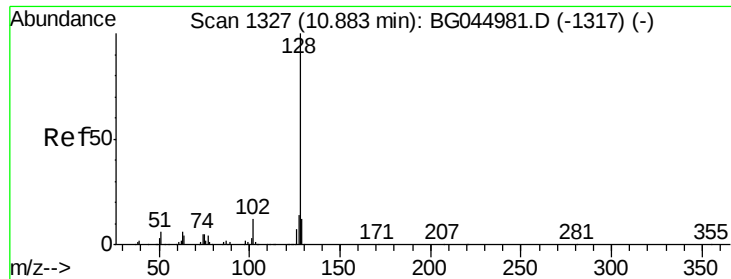
Acq: 20 Apr 2020 17:43

Tgt Ion:	180	Resp:	287552
Ion Ratio	Lower	Upper	
180	100		
182	94.7	73.3	109.9
145	28.9	22.6	33.8



Abundance Ion 180.00 (179.70 to 180.70): E
200000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





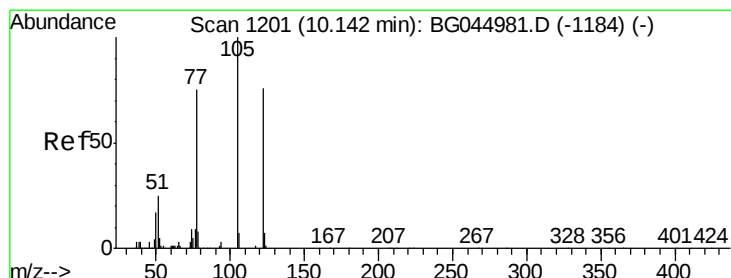
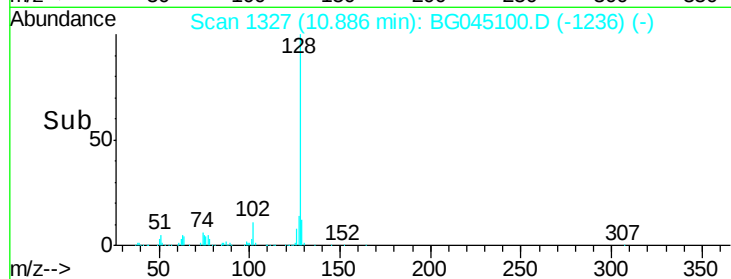
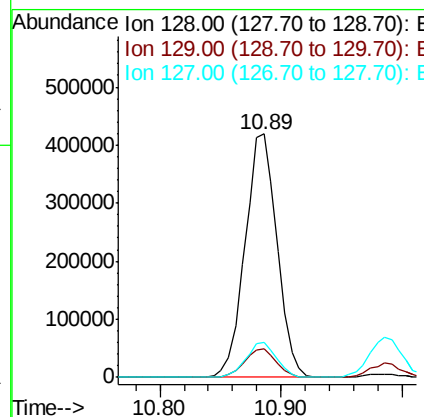
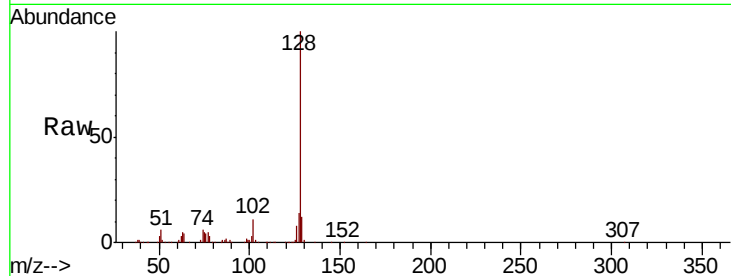
#31
Naphthalene
Concen: 49.361 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	14.2	10.8	16.2

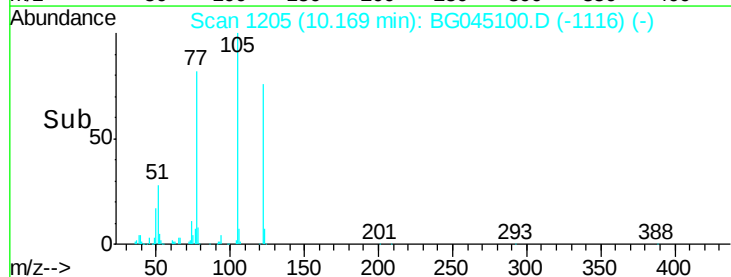
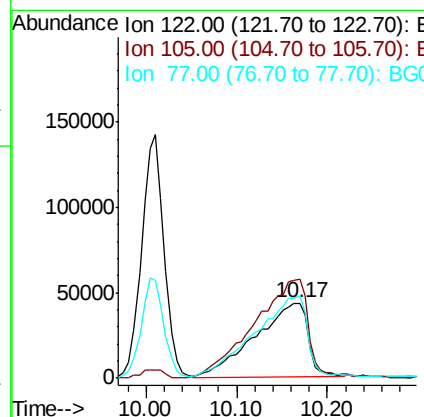
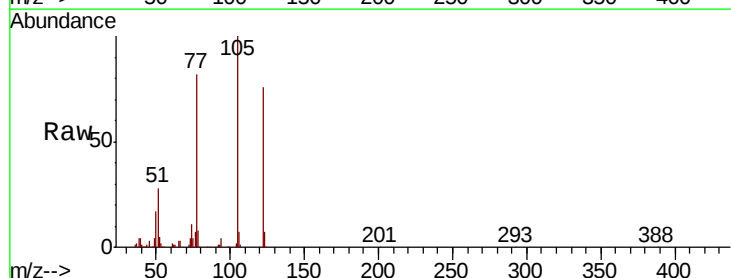
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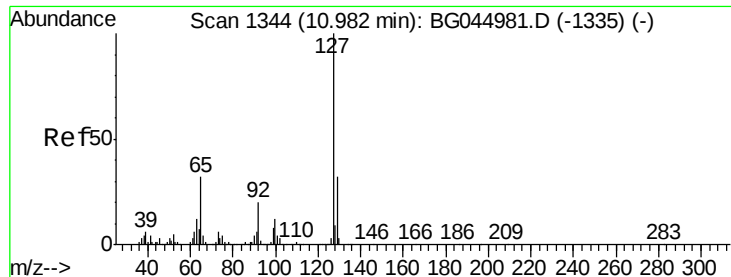
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#32
Benzoic acid
Concen: 48.569 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.4	108.4	148.4
77	109.2	78.8	118.8





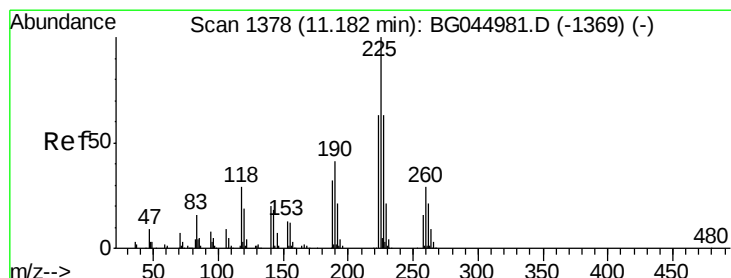
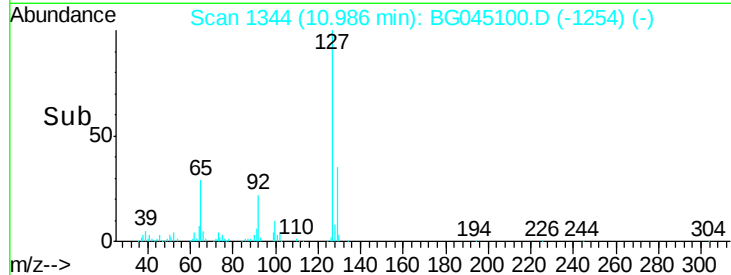
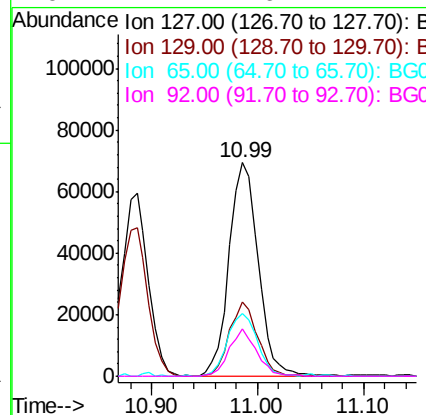
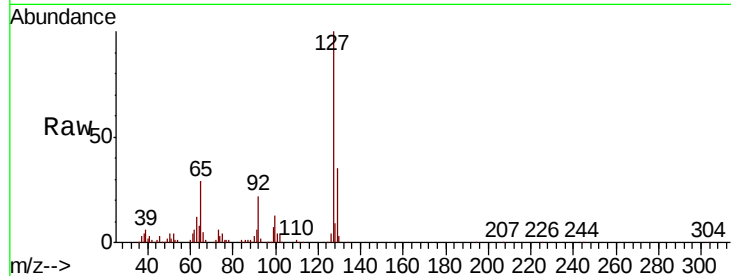
#33
4-Chloroaniline
Concen: 18.210 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampled :
S-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	25.7	38.5		
65	29.3	25.4	38.2		
92	22.2	16.1	24.1		

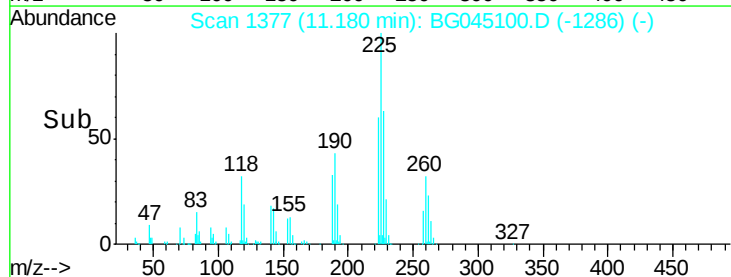
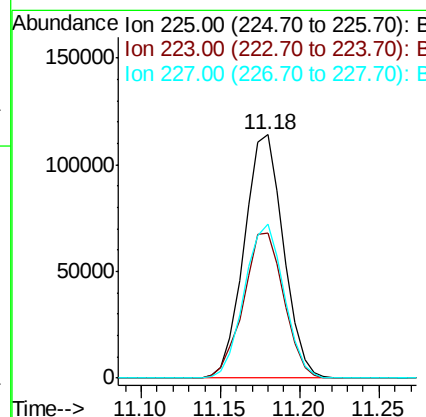
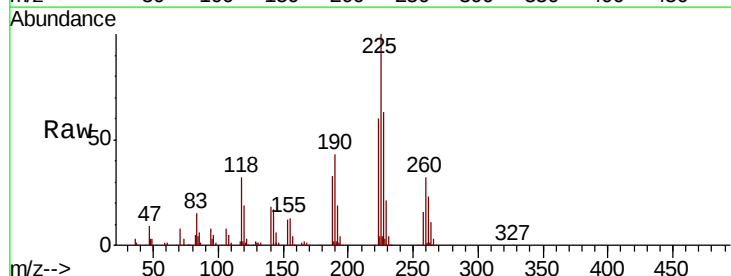
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#34
Hexachlorobutadiene
Concen: 49.616 ng
RT: 11.18 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.7	50.7	76.1		
227	63.2	50.2	75.2		





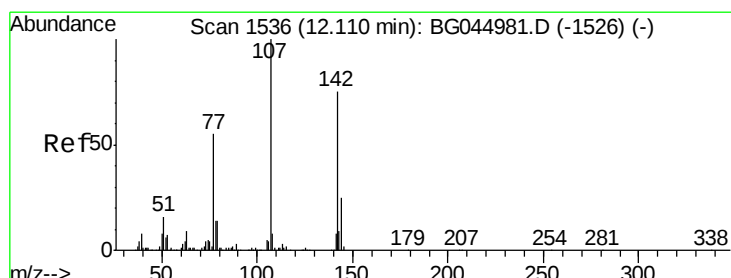
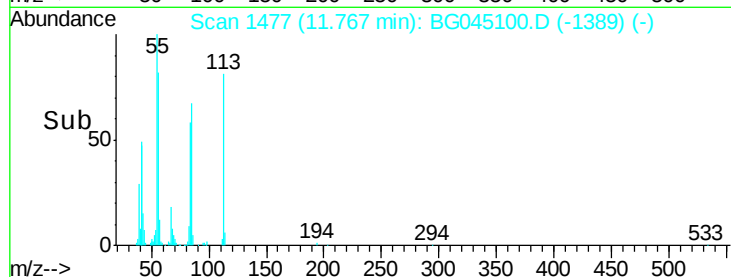
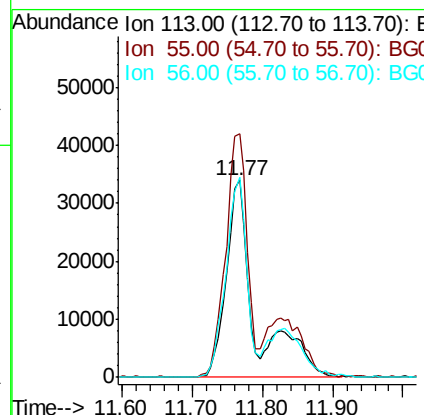
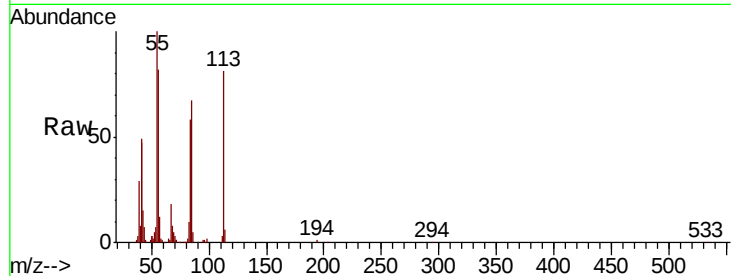
#35
 Caprolactam
 Concen: 47.845 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	123.4	118.8	158.8	
56	101.2	82.6	122.6	

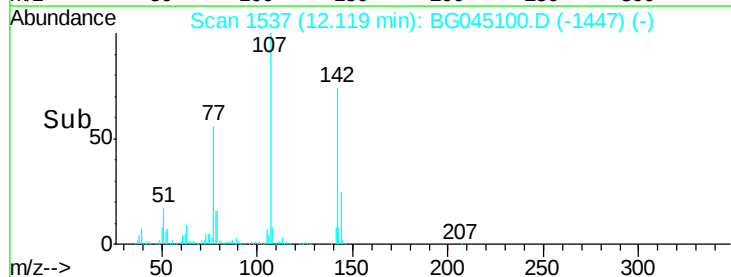
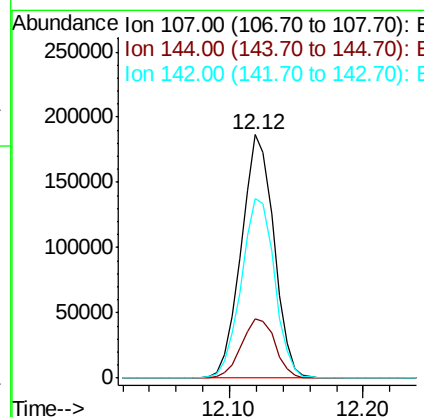
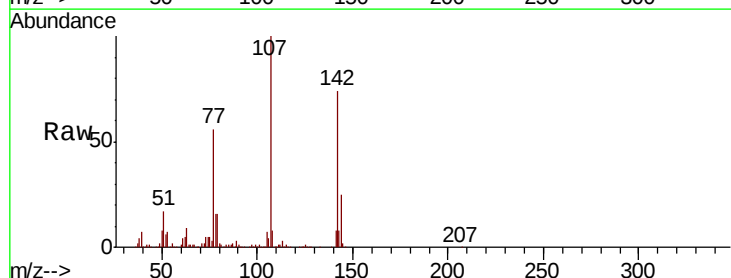
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#36
 4-Chloro-3-methylphenol
 Concen: 52.818 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.5	19.8	29.6	
142	73.5	59.7	89.5	





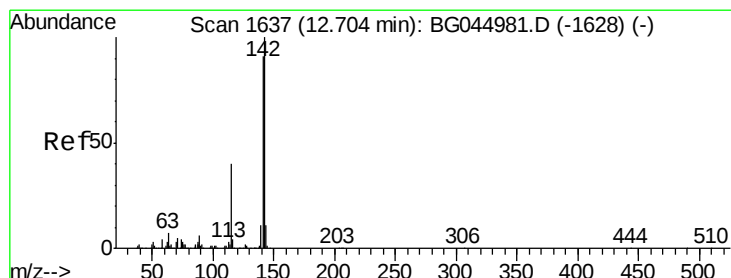
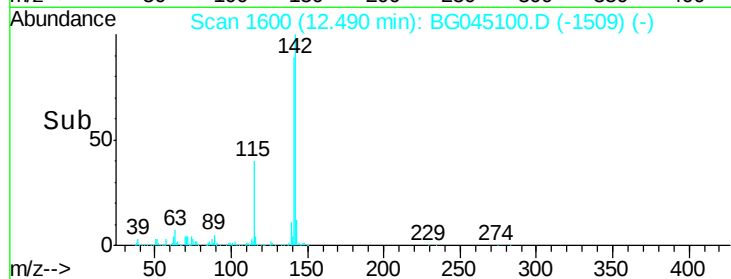
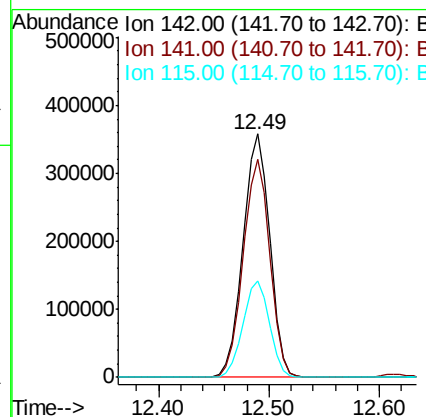
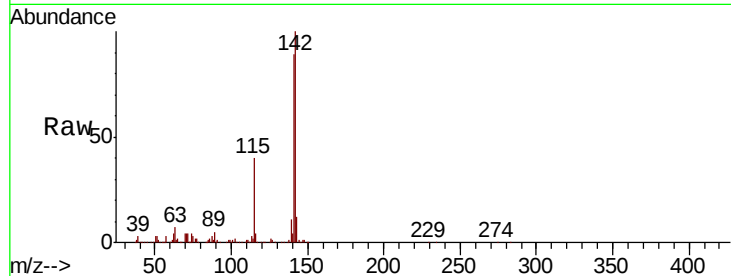
#37
2-Methylnaphthalene
Concen: 50.153 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	39.6	29.8	44.6

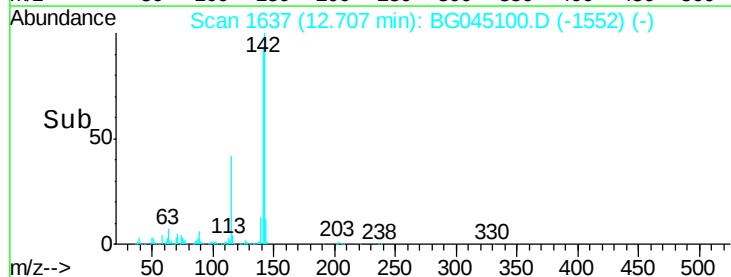
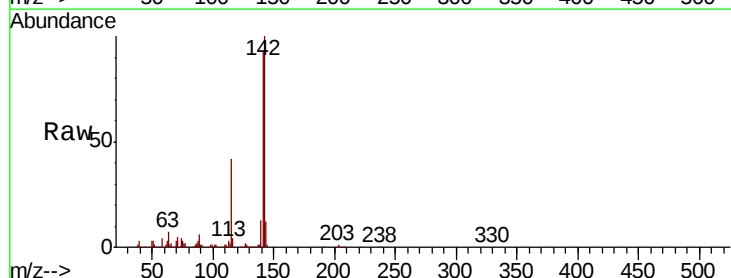
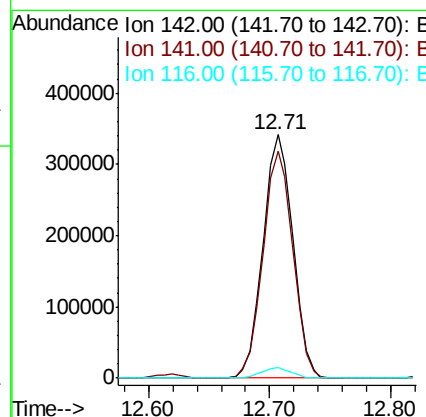
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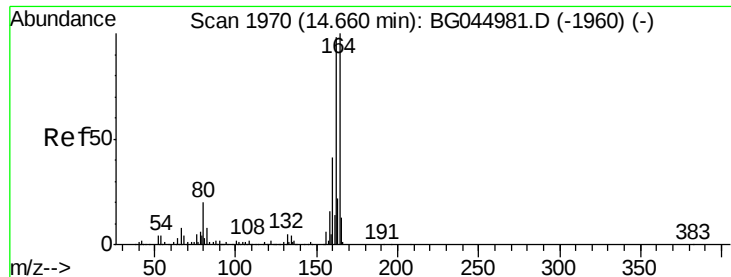
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#38
1-Methylnaphthalene
Concen: 50.800 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.7	109.1
116	4.4	3.1	4.7





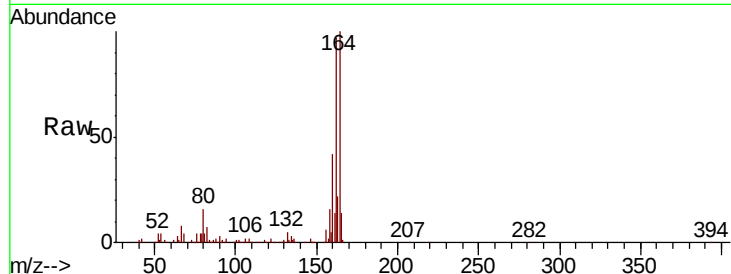
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.3	78.7	118.1
160	42.0	32.8	49.2

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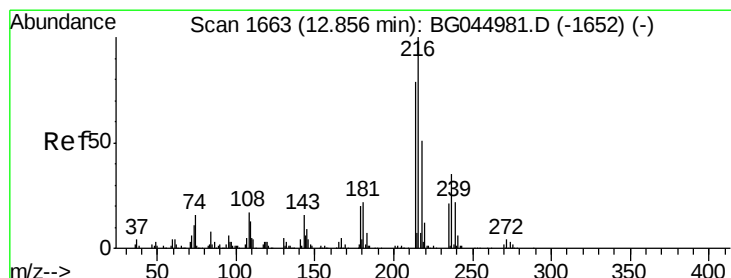
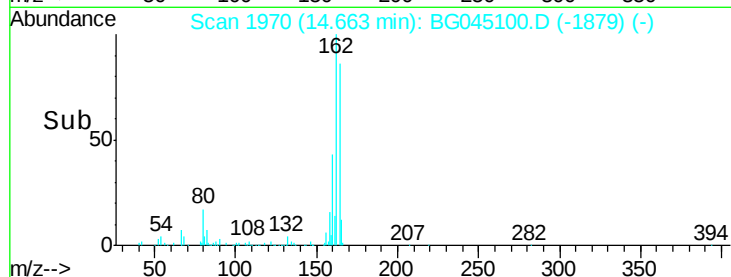
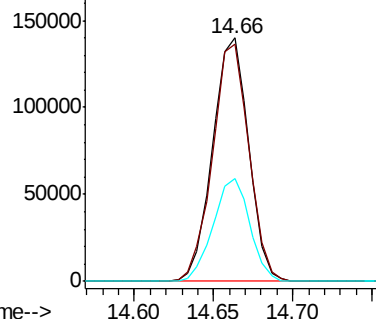


Abundance

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: 49.493 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.6
179	19.9	15.8	23.8
108	17.9	14.2	21.2

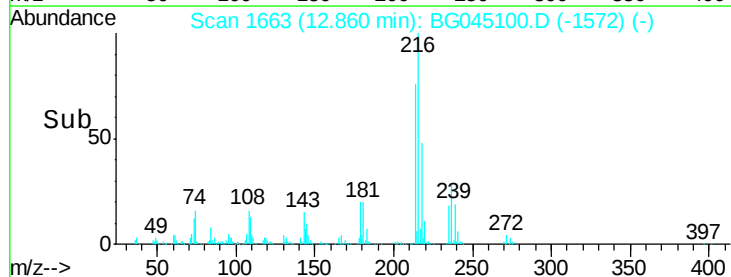
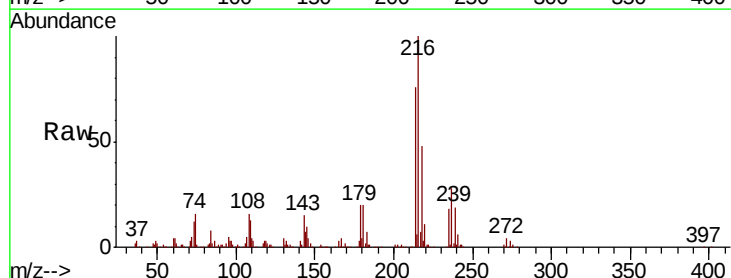
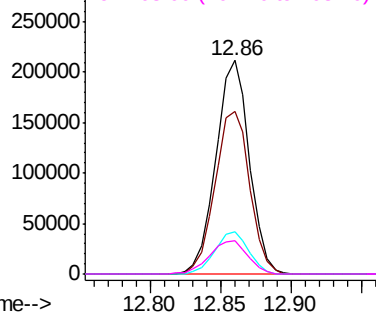
Abundance

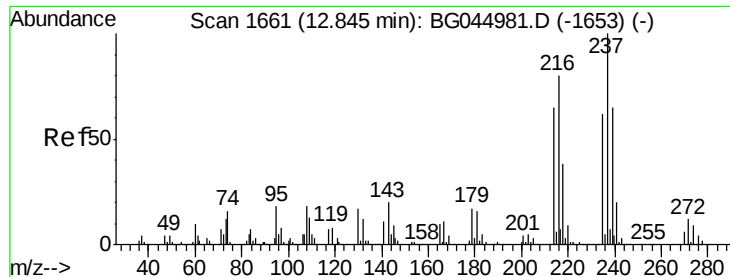
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.392 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

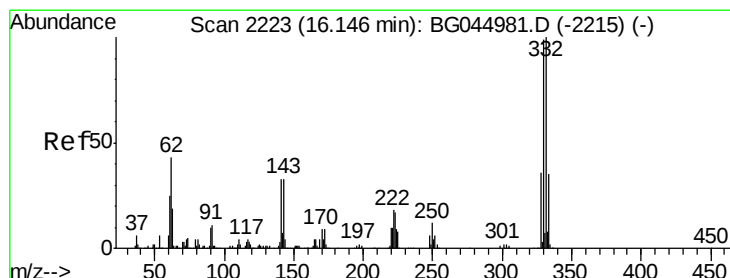
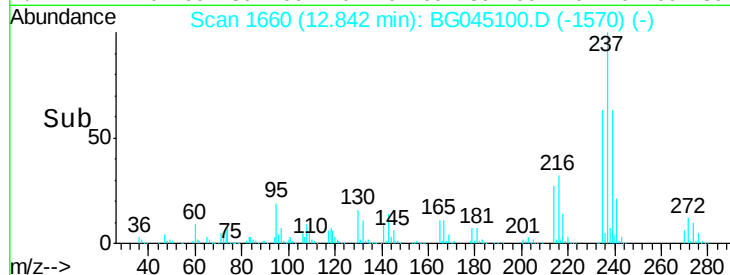
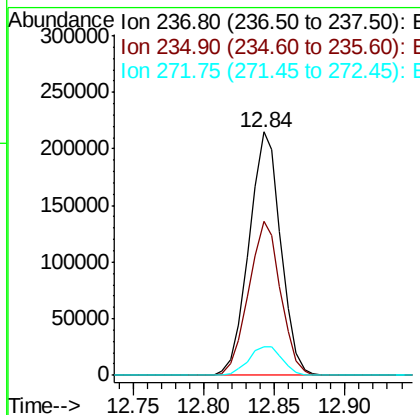
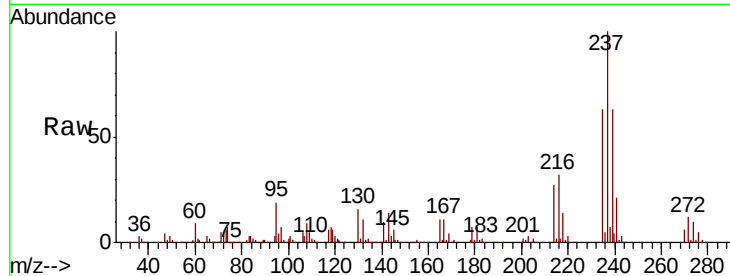
ClientSampleId :

S-2MSD

Tot Ion:	237	Resp:	338574
Ion Ratio	Lower	Upper	
237	100		
235	63.1	41.6	81.6
272	12.0	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 62.976 ng

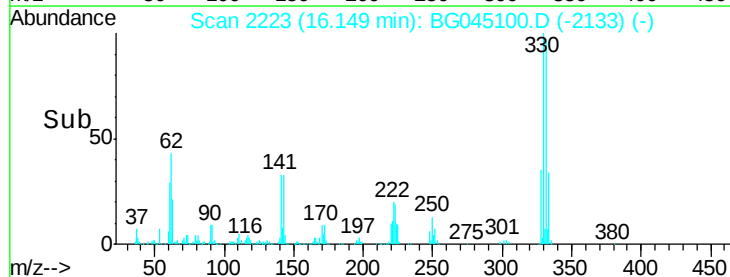
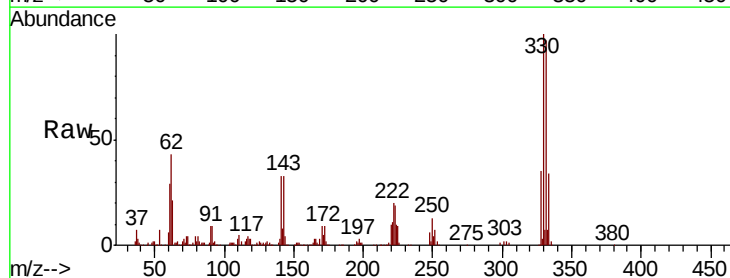
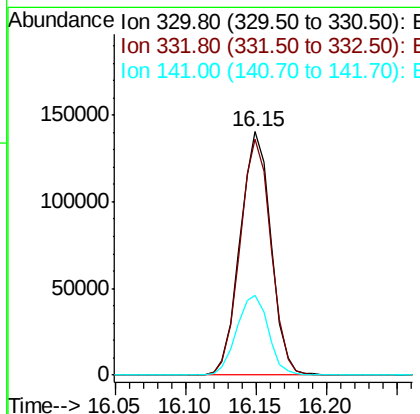
RT: 16.15 min Scan# 2223

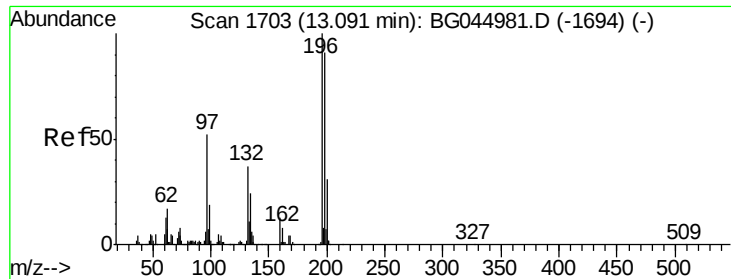
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	330	Resp:	214270
Ion Ratio	Lower	Upper	
330	100		
332	97.3	79.1	118.7
141	33.7	27.1	40.7





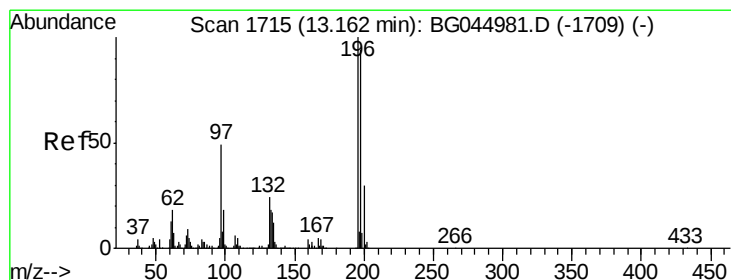
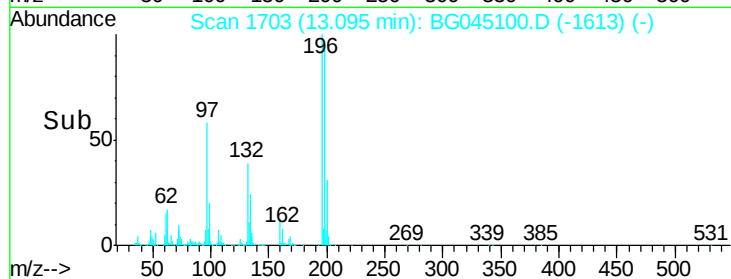
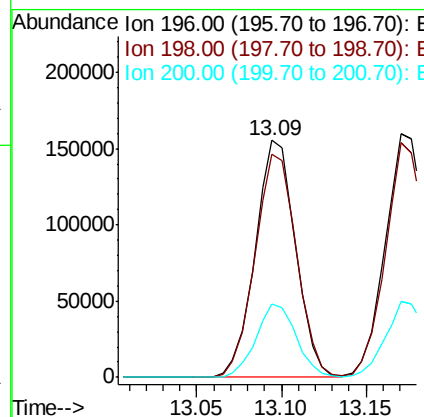
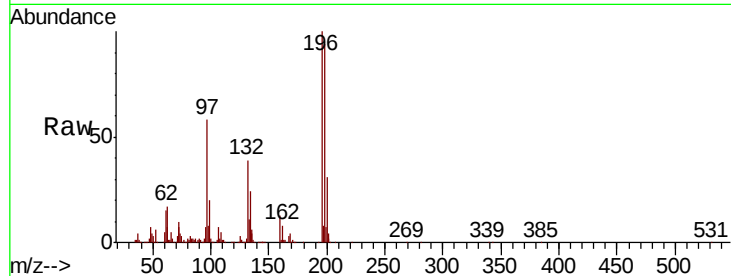
#43
 2,4,6-Trichlorophenol
 Concen: 51.266 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256565		
198	94.1	72.5	108.7	
200	31.2	24.5	36.7	

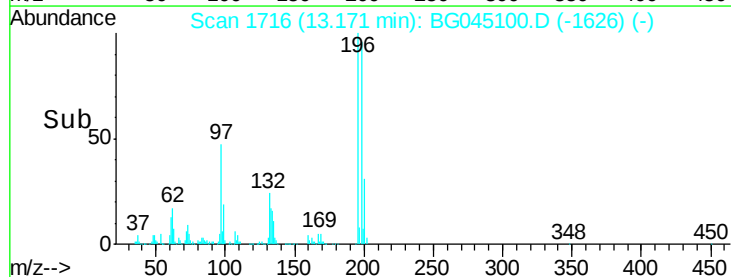
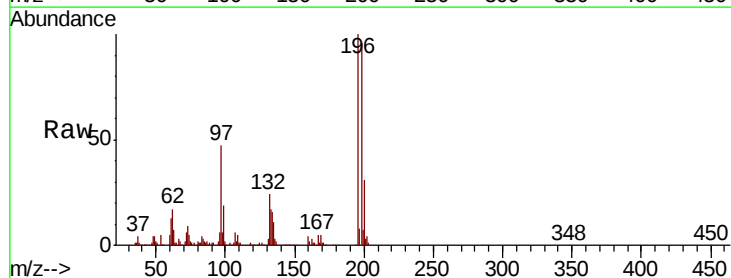
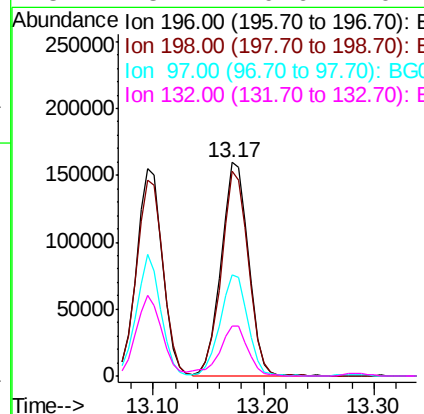
Manual Integrations
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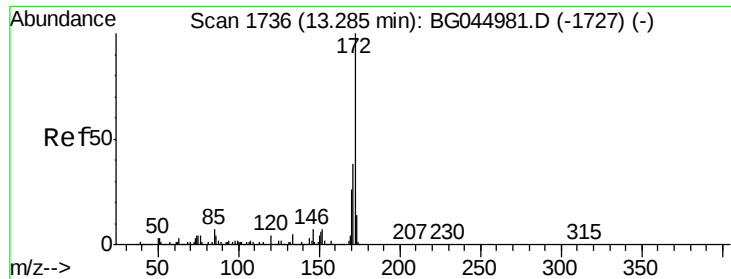
mohammad
 4/21/2020 2:53:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.233 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274765		
198	96.2	75.7	113.5	
97	47.4	39.6	59.4	
132	23.7	19.6	29.4	





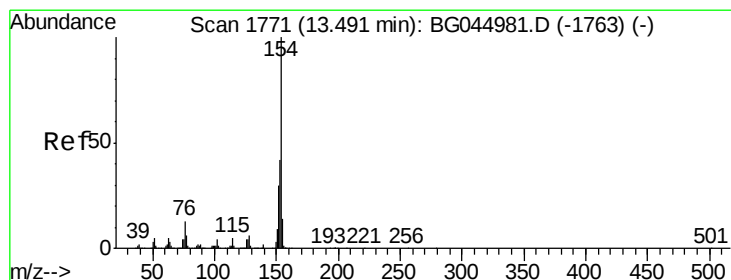
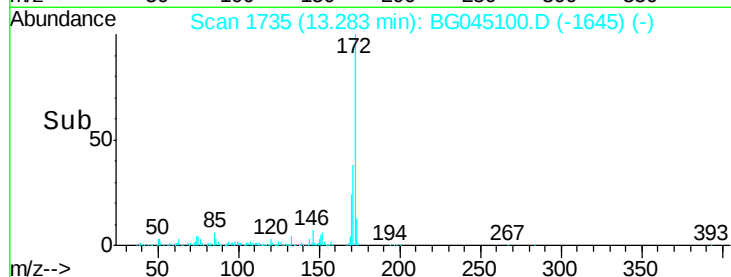
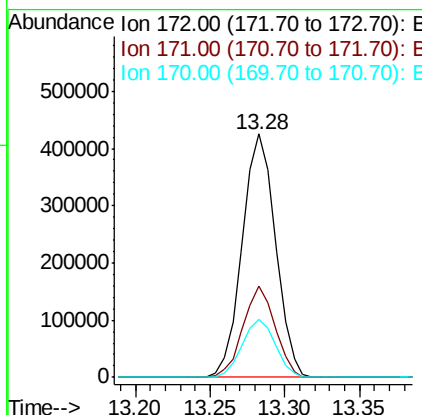
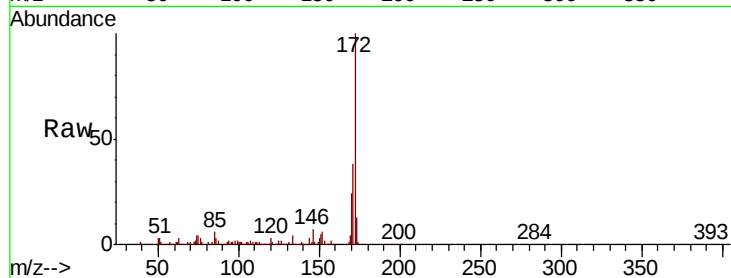
#45
2-Fluorobiphenyl
Concen: 43.695 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.6	46.0
170	23.7	20.5	30.7

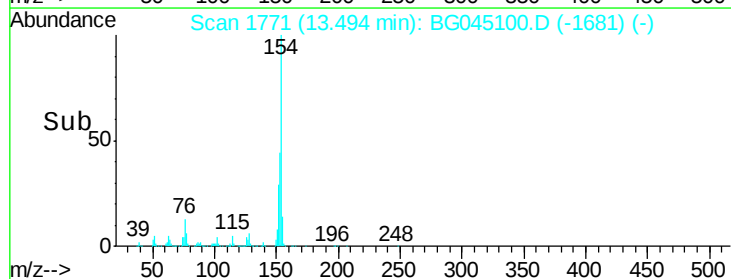
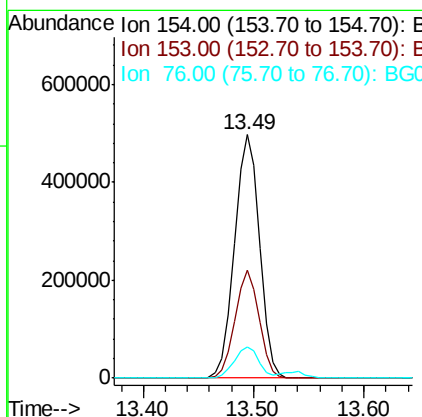
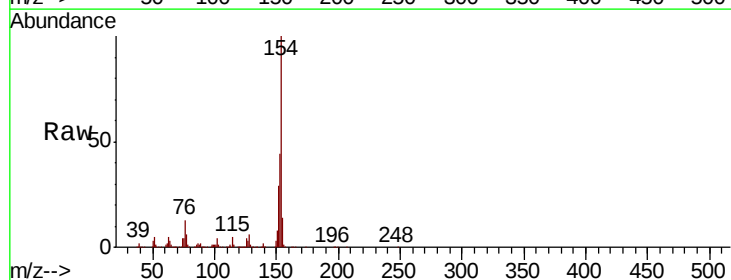
Manual Integrations
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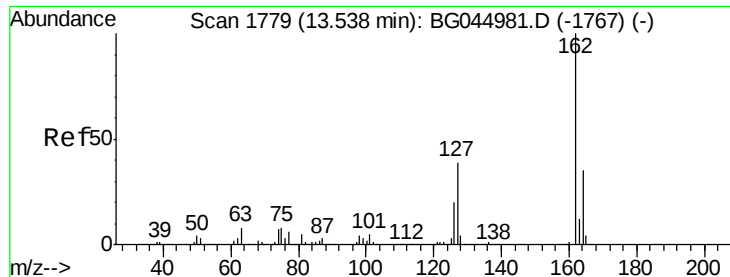
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#46
1,1'-Biphenyl
Concen: 47.125 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	21.9	61.9
76	13.0	0.0	33.1





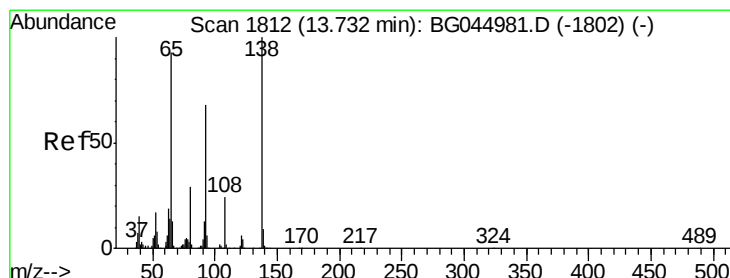
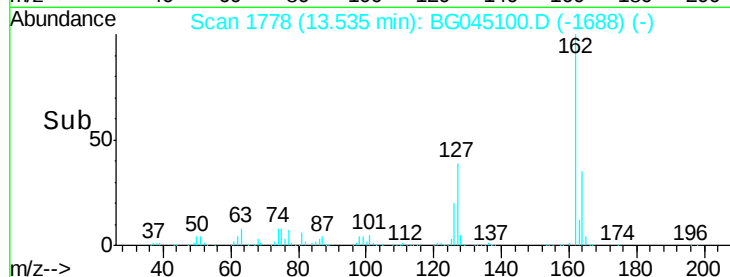
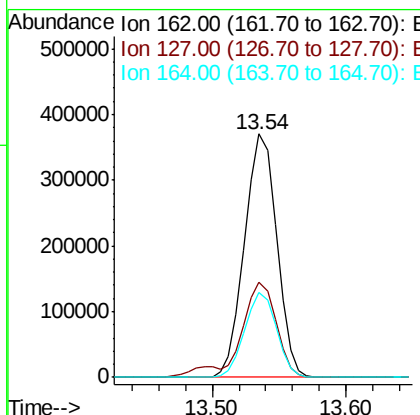
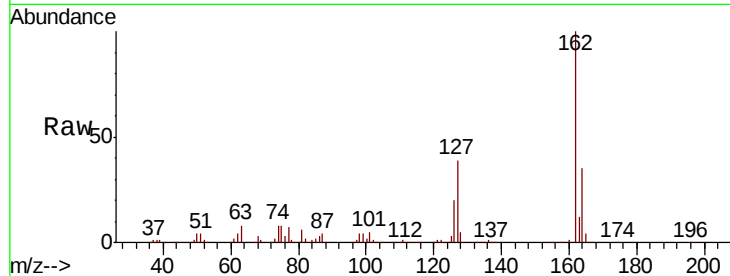
#47
2-Chloronaphthalene
Concen: 48.257 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	34.7	27.8	41.8

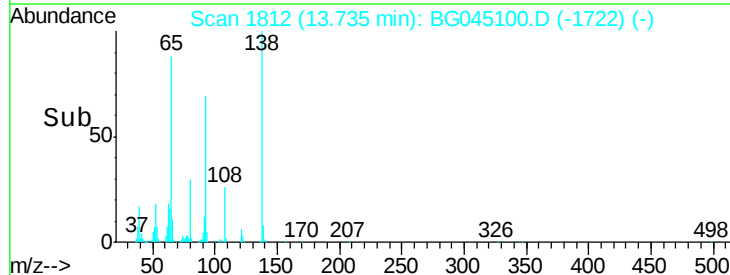
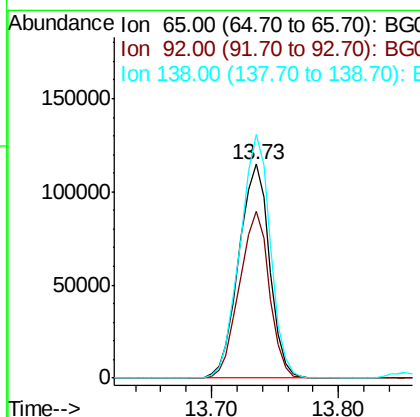
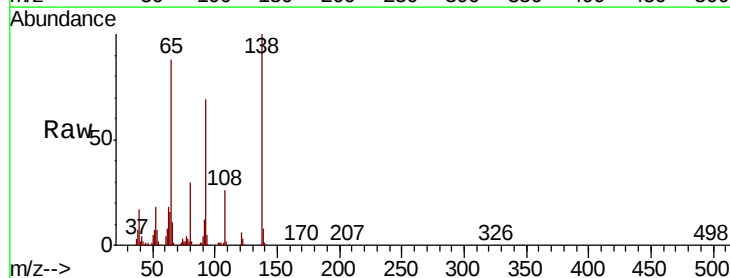
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#48
2-Nitroaniline
Concen: 45.886 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.1	58.3	87.5
138	113.9	85.6	128.4





#49

Acenaphthylene

Concen: 47.844 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

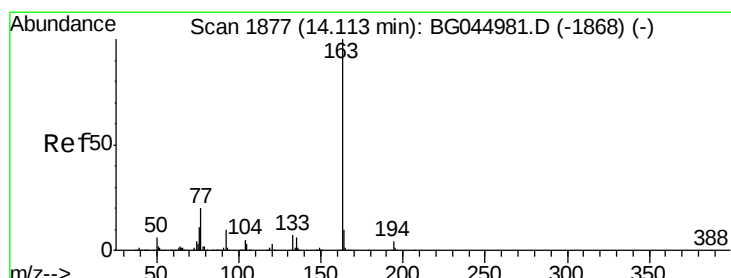
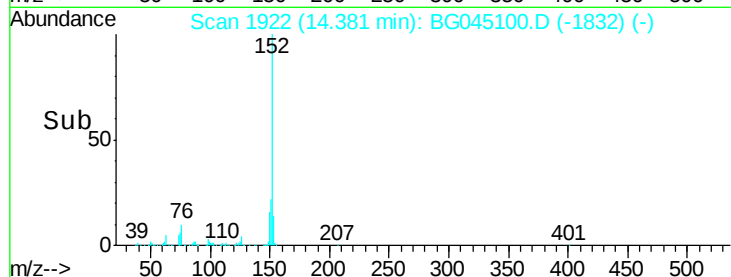
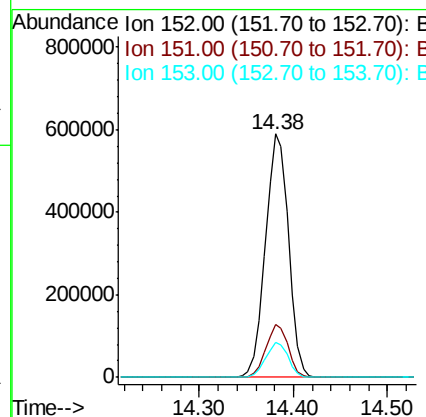
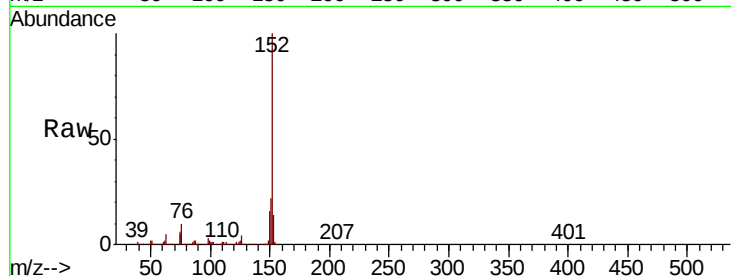
ClientSampleId :

S-2MSD

Tot Ion:	152	Resp:	996802
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.2	25.8
153	14.3	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.128 ng

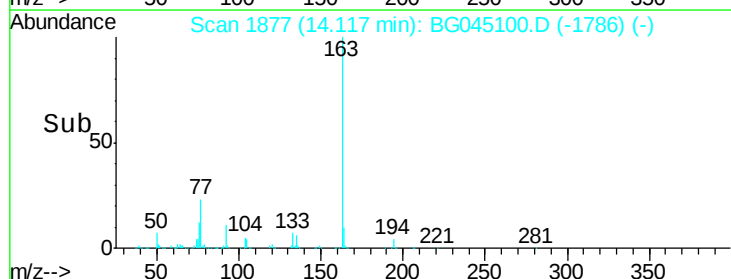
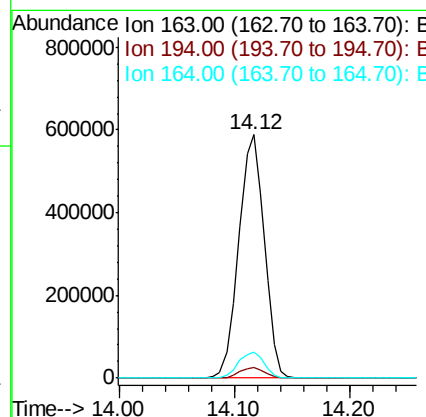
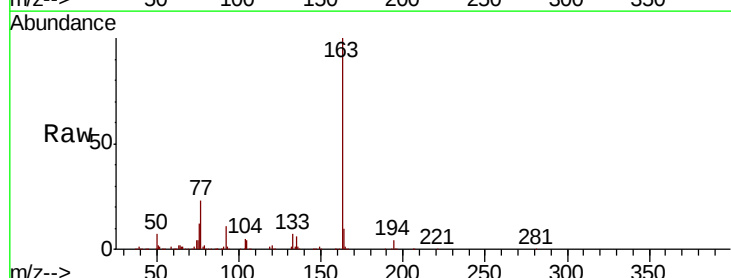
RT: 14.12 min Scan# 1877

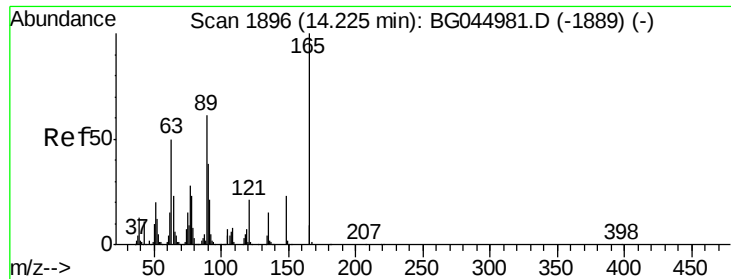
Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	163	Resp:	898941
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.5	8.2	12.4





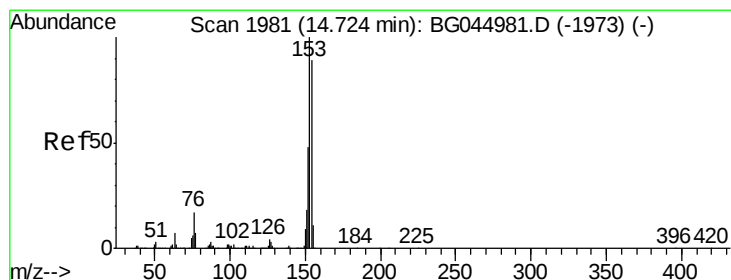
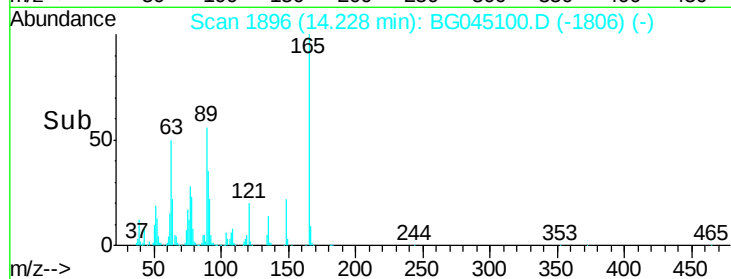
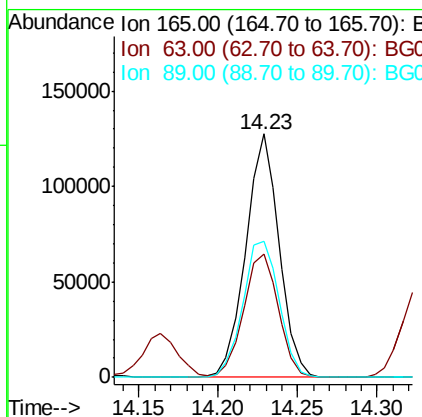
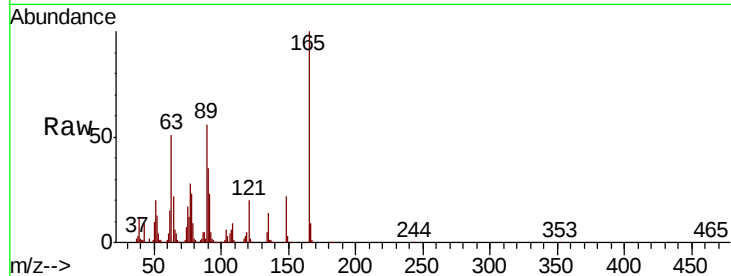
#51
 2,6-Dinitrotoluene
 Concen: 46.356 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion:	165	Resp:	185934
Ion Ratio	Lower	Upper	
165	100		
63	50.7	40.4	60.6
89	55.8	49.1	73.7

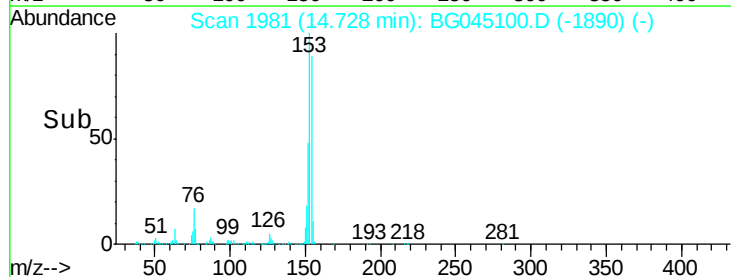
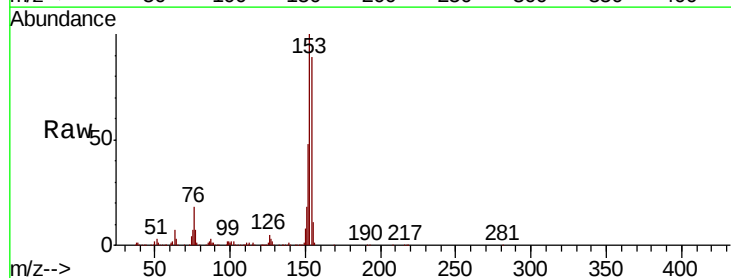
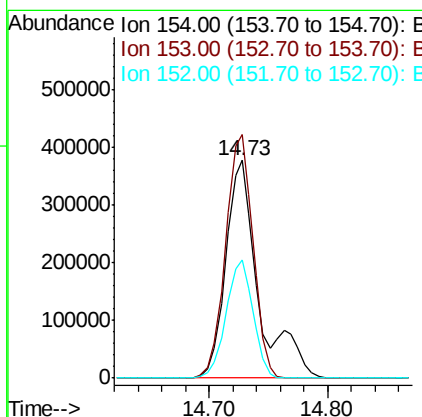
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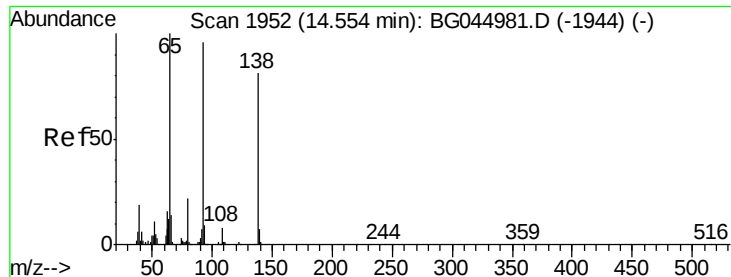
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#52
 Acenaphthene
 Concen: 51.993 ng m
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion:	154	Resp:	732914
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.7	134.5
152	54.1	43.1	64.7





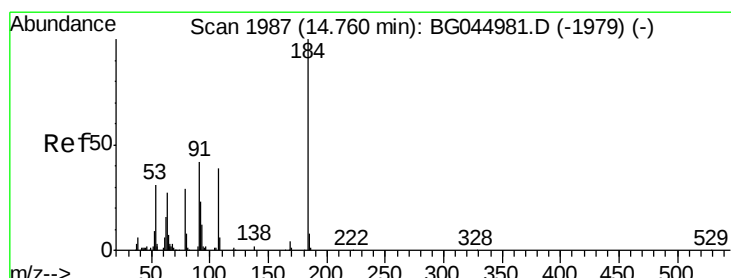
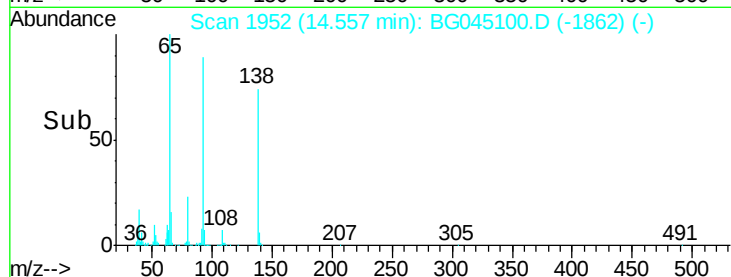
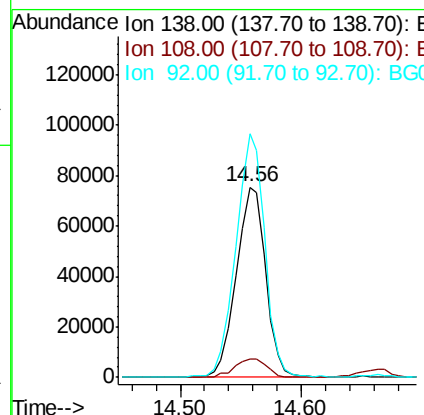
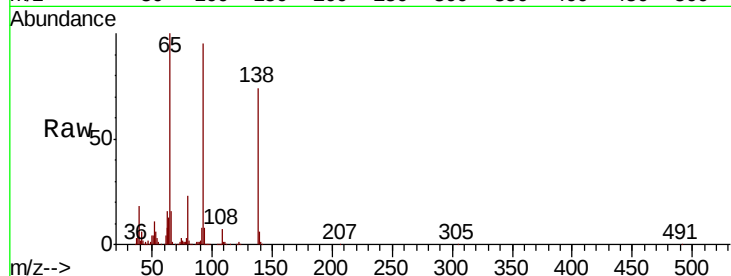
#53
 3-Nitroaniline
 Concen: 29.130 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.8
92	128.2	94.5	141.7

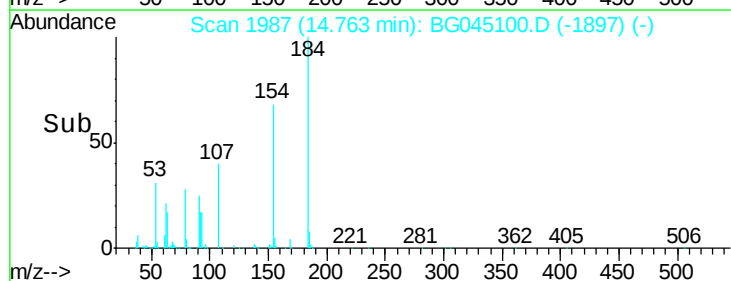
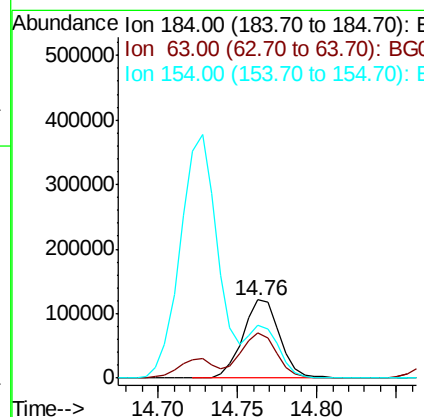
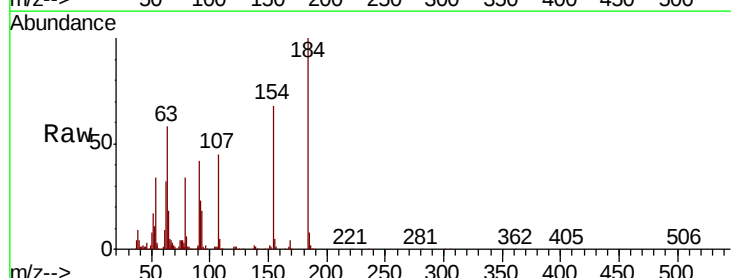
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#54
 2,4-Dinitrophenol
 Concen: 81.570 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	41.5	62.3
154	67.6	52.3	78.5





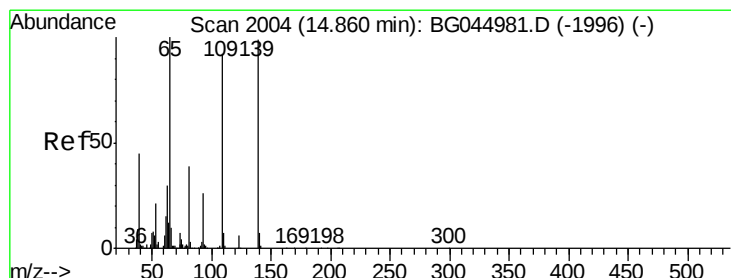
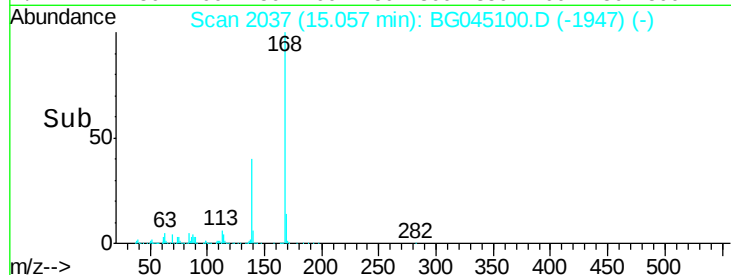
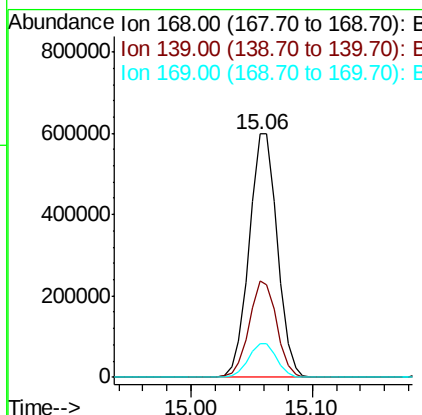
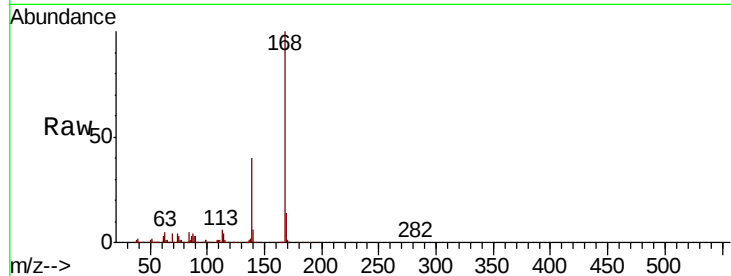
#55
Dibenzenofuran
Concen: 47.226 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.4	45.6
169	13.9	11.0	16.4

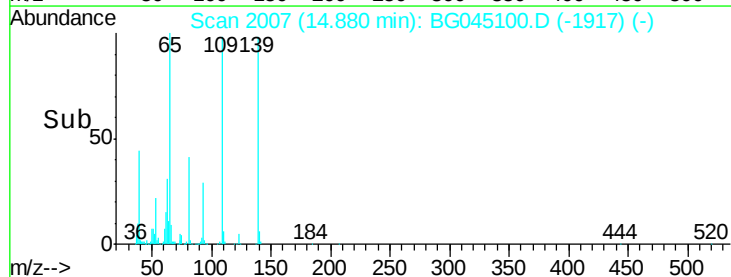
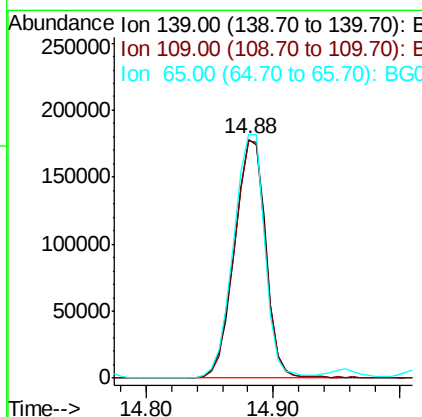
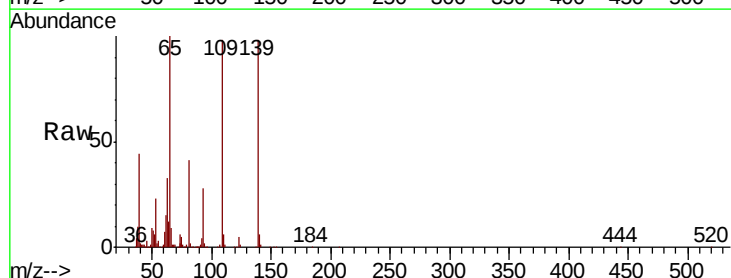
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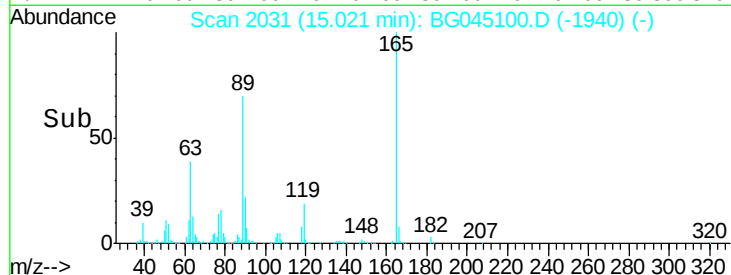
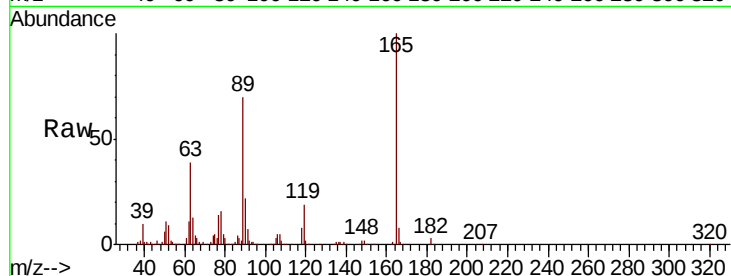
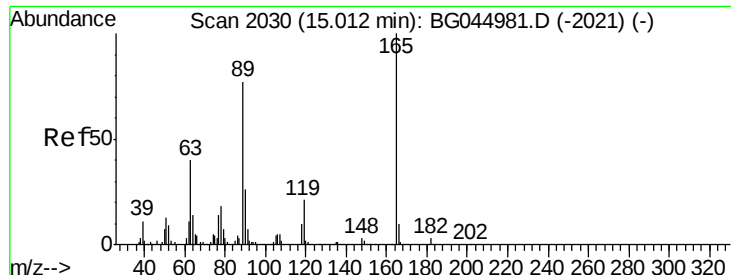
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#56
4-Nitrophenol
Concen: 88.919 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.6	73.6	113.6
65	102.0	81.2	121.2





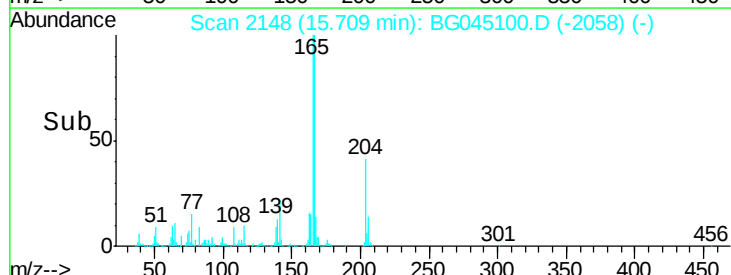
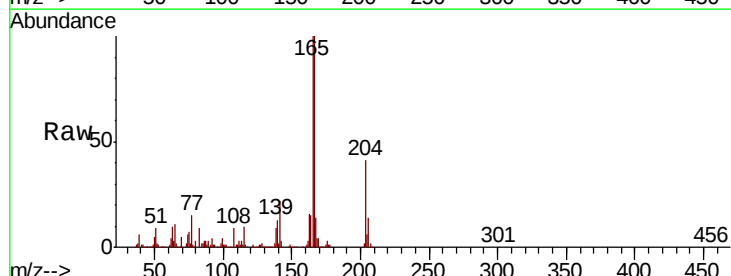
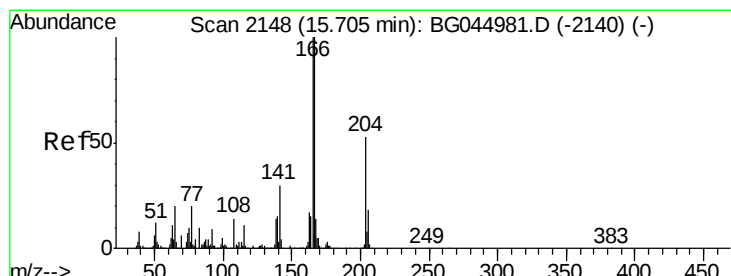
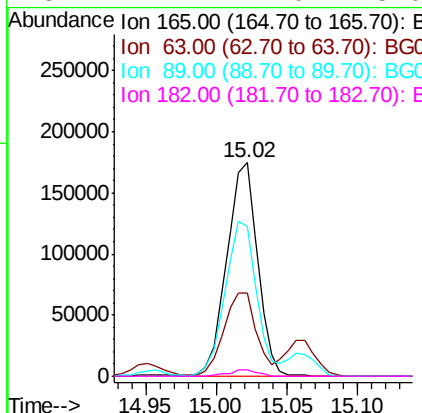
#57
2,4-Dinitrotoluene
Concen: 45.343 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		265791		
63	38.8	32.2	48.2		
89	70.3	61.7	92.5		
182	2.7	2.0	3.0		

Instrument :
BNA_G
ClientSampleId :
S-2MSD

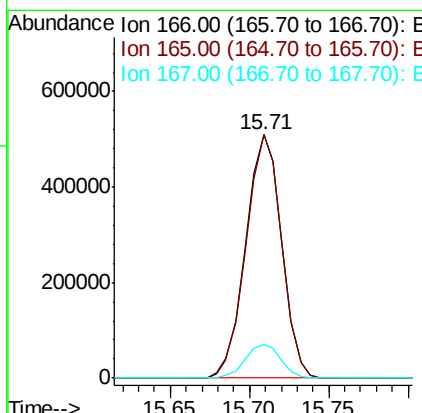
Manual Integrations
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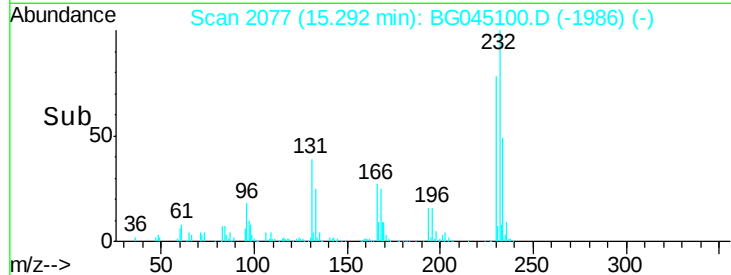
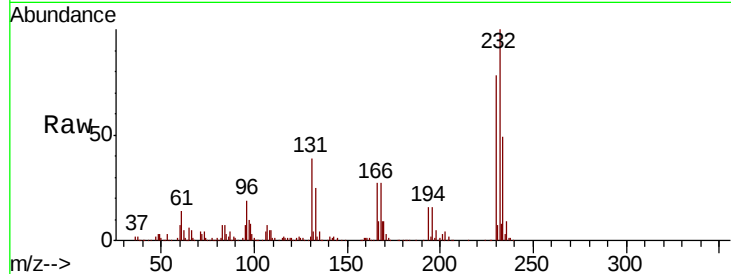
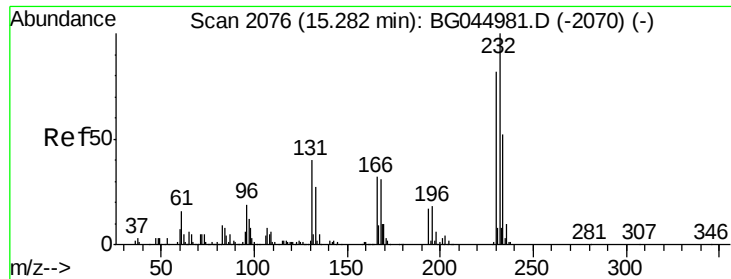
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#58
Fluorene
Concen: 47.614 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		799294		
165	99.9	79.9	119.9		
167	13.6	11.4	17.0		





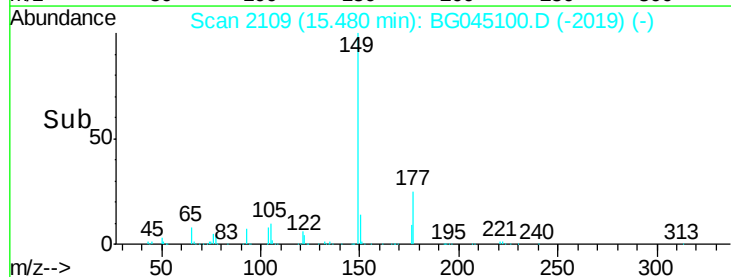
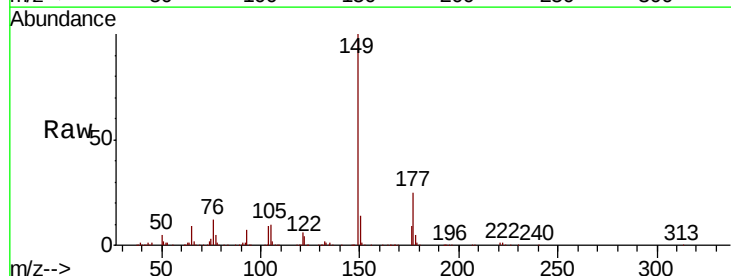
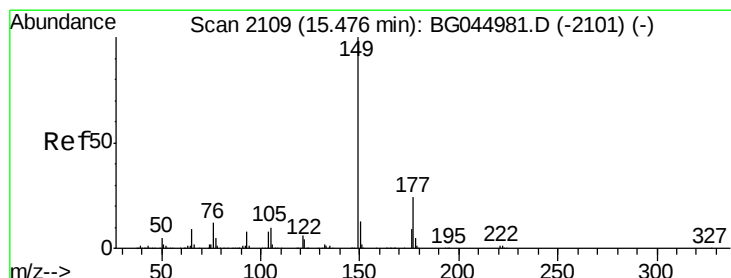
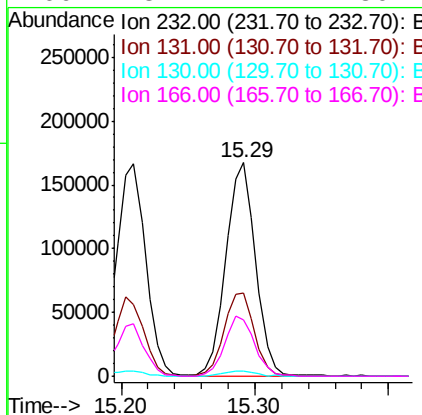
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.203 ng
RT: 15.29 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	259531		
131	40.1		32.2	48.2
130	2.6		2.2	3.2
166	28.4		24.2	36.4

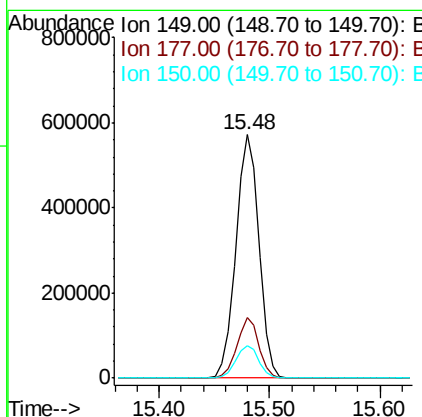
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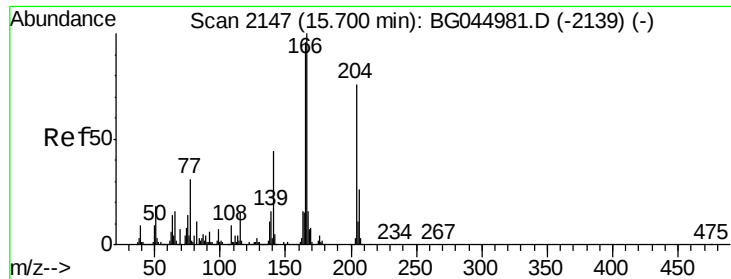
mohammad
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#60
Diethylphthalate
Concen: 44.693 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835619		
177	24.7		18.9	28.3
150	13.5		10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 46.061 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

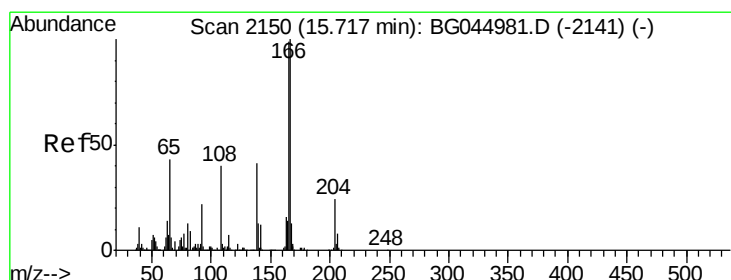
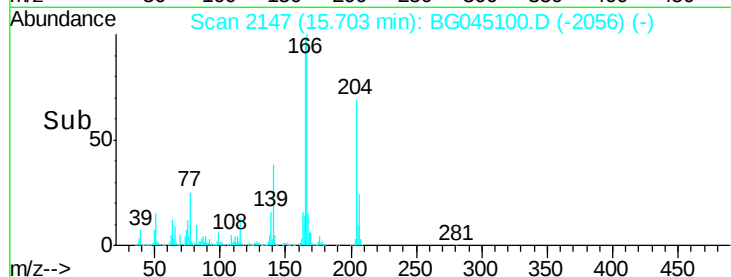
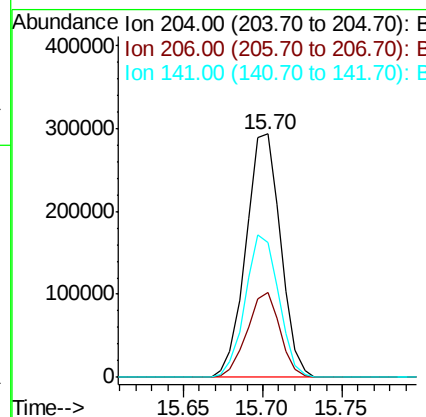
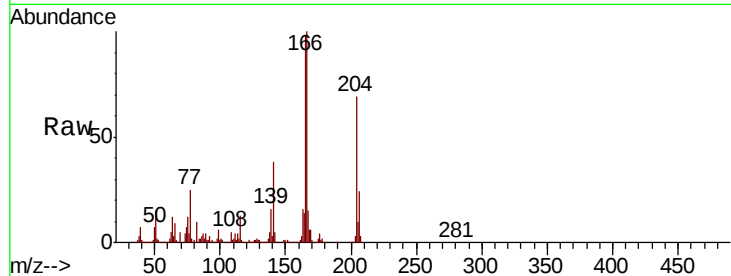
ClientSampleId :

S-2MSD

Tot Ion:	204	Resp:	445054
Ion Ratio	Lower	Upper	
204	100		
206	34.7	26.9	40.3
141	55.5	46.3	69.5

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#62

4-Nitroaniline

Concen: 36.768 ng

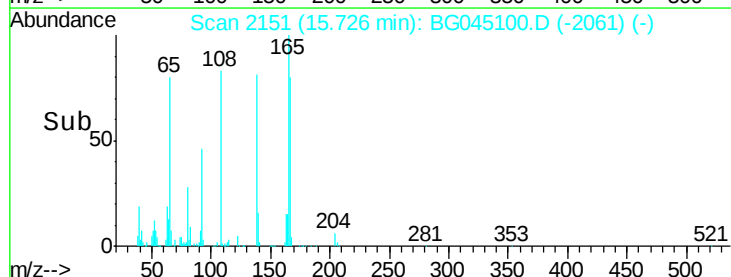
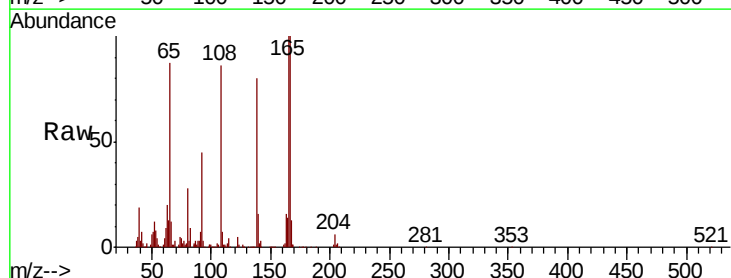
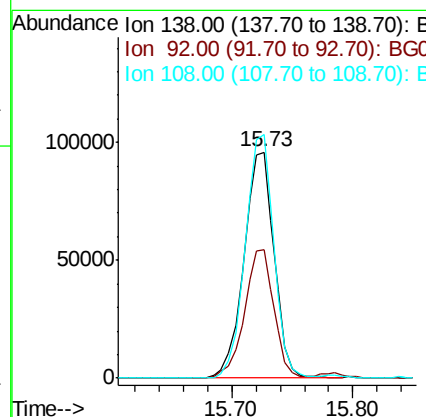
RT: 15.73 min Scan# 2151

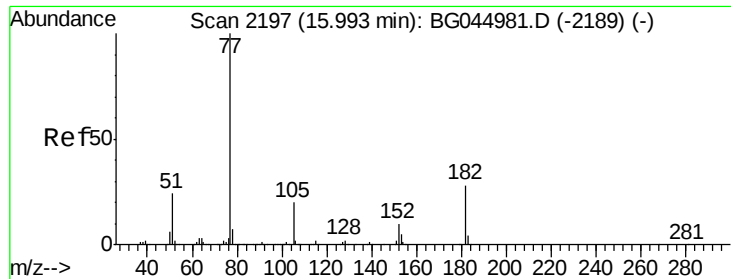
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	138	Resp:	167767
Ion Ratio	Lower	Upper	
138	100		
92	56.6	33.6	73.6
108	107.6	78.2	118.2





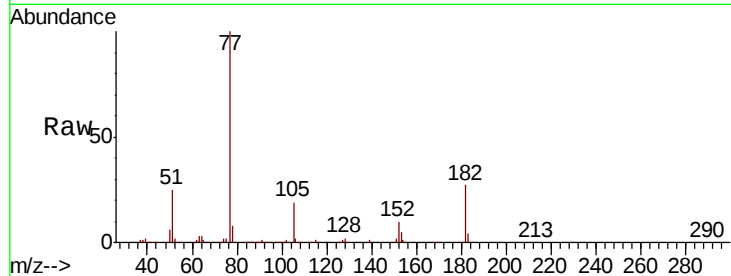
#63
Azobenzene
Concen: 46.157 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

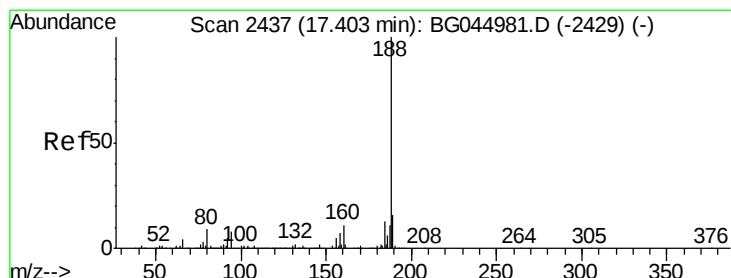
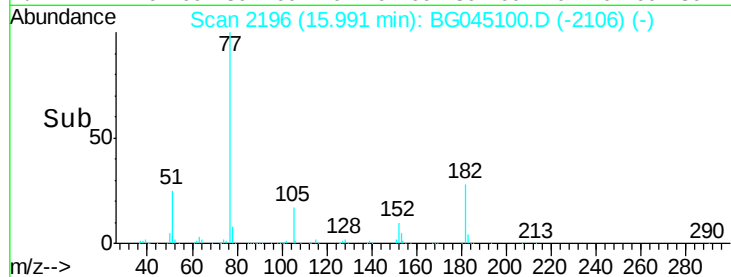
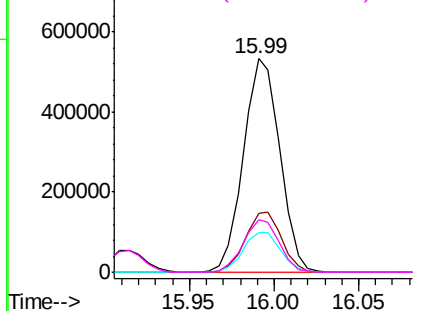
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		795633		
182	27.4	8.4	48.4		
105	18.9	0.5	40.5		
51	24.8	4.4	44.4		

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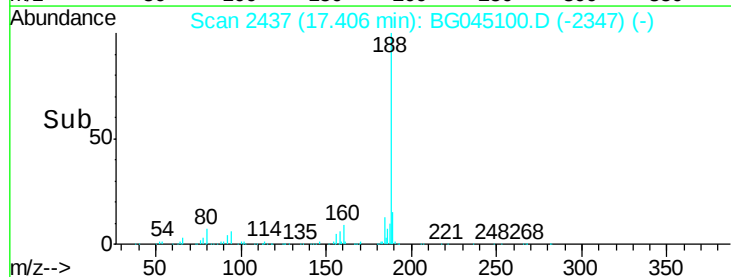
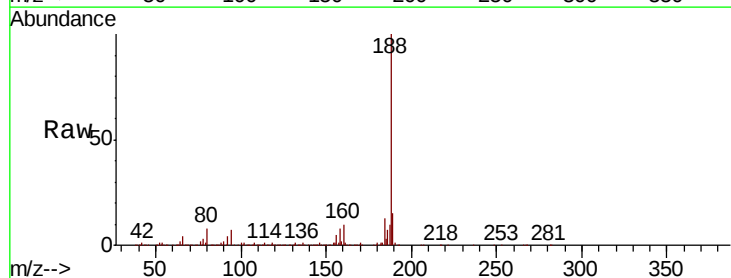
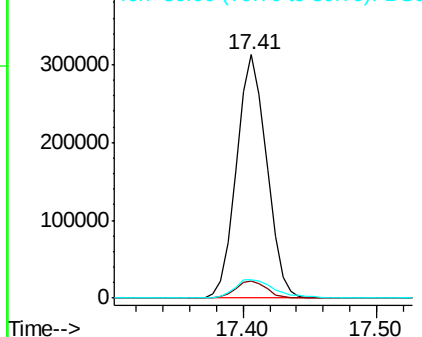
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

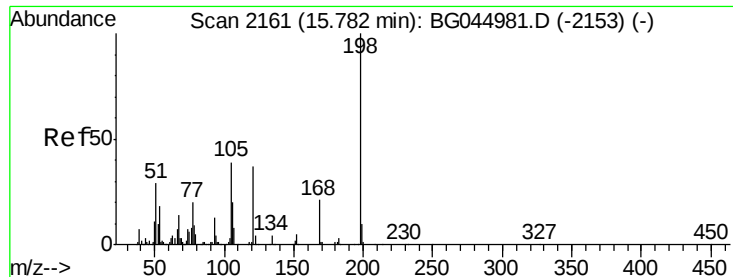


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		489592		
94	6.9	6.2	9.4		
80	7.7	7.0	10.6		

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





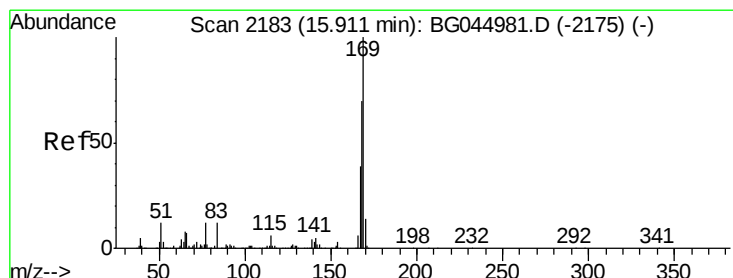
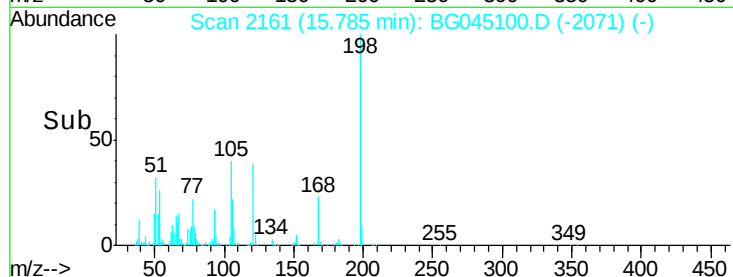
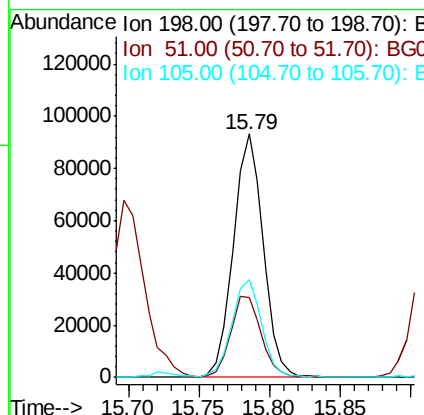
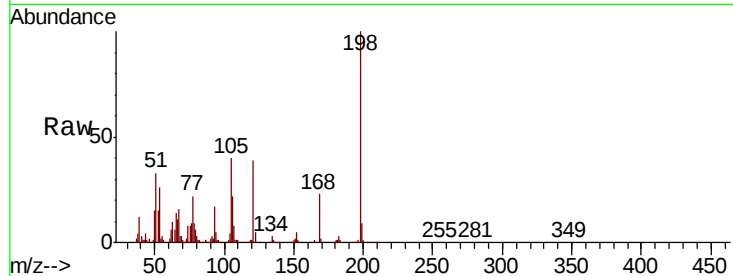
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.714 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	137457		
51	32.6	10.0	50.0	
105	40.2	18.9	58.9	

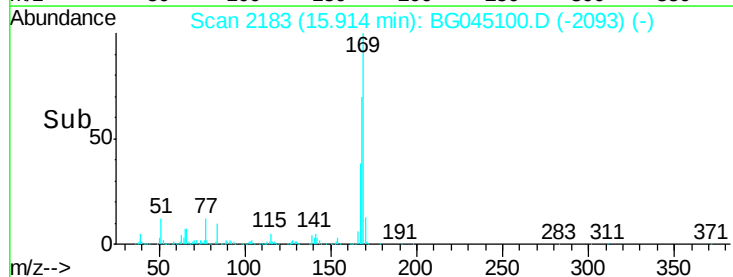
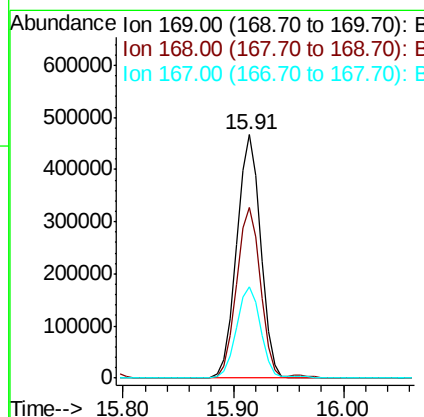
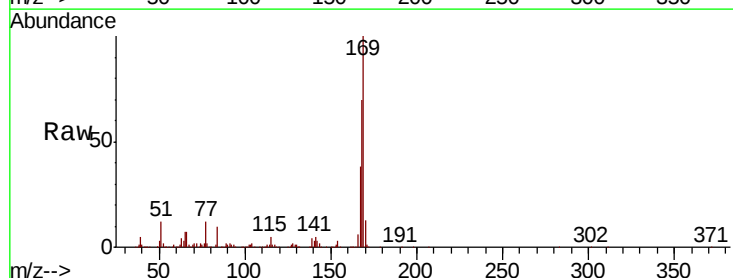
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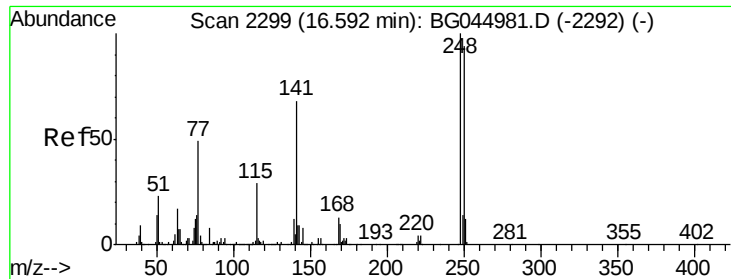
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#66
 n-Nitrosodiphenylamine
 Concen: 50.455 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	709751		
168	70.1	55.8	83.8	
167	37.7	30.8	46.2	





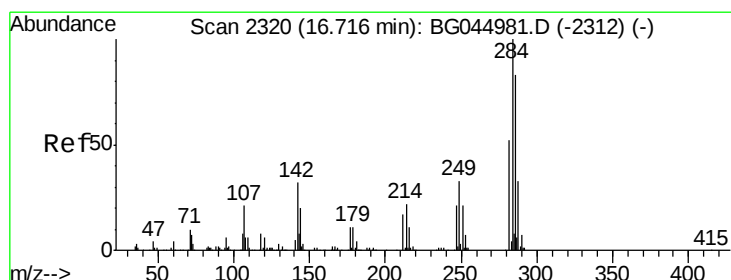
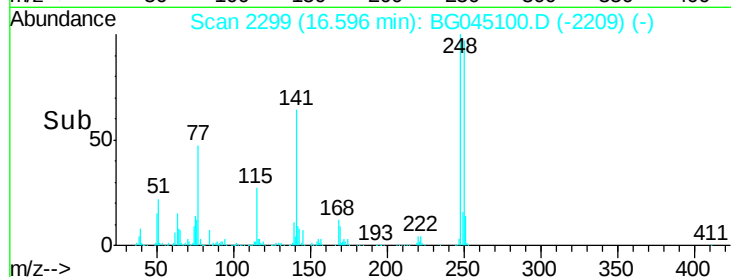
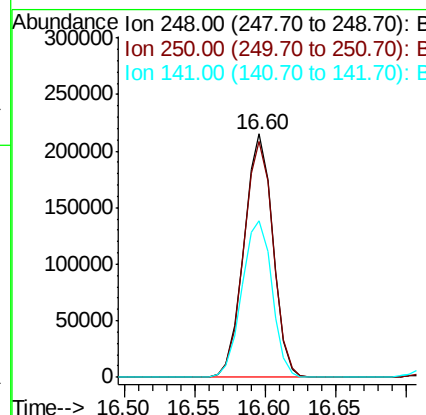
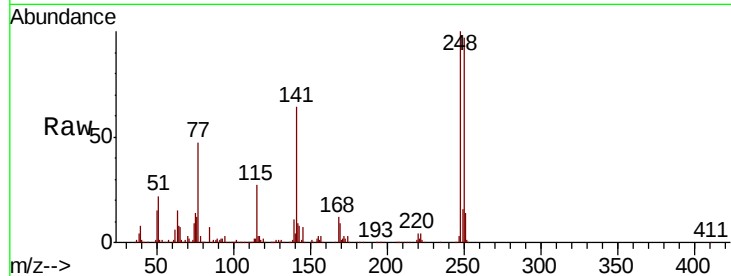
#67
4-Bromophenyl-phenylether
Concen: 48.700 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.4	113.2
141	64.3	54.4	81.6

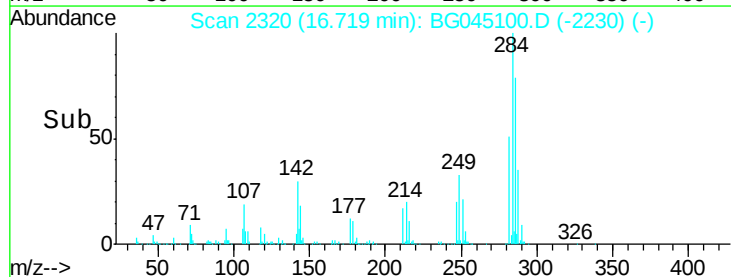
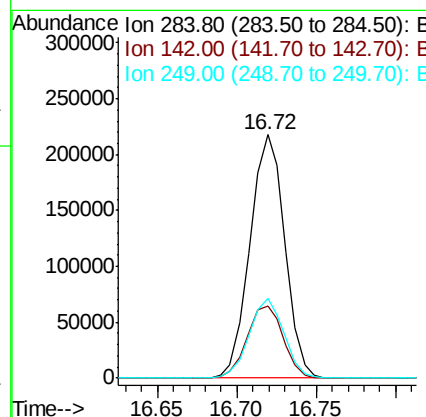
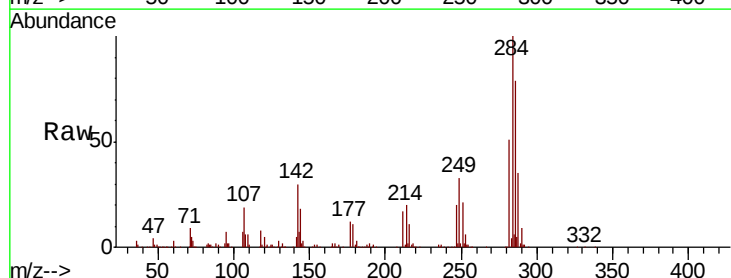
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#68
Hexachlorobenzene
Concen: 50.670 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.8	38.6
249	32.6	26.6	39.8





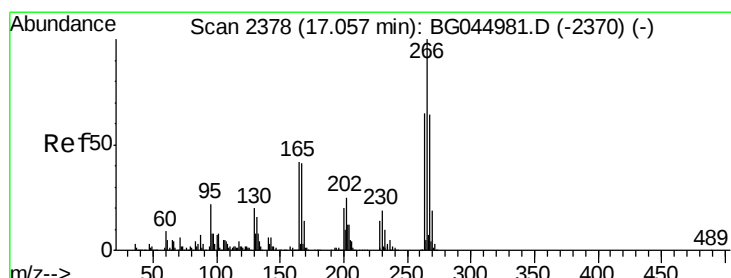
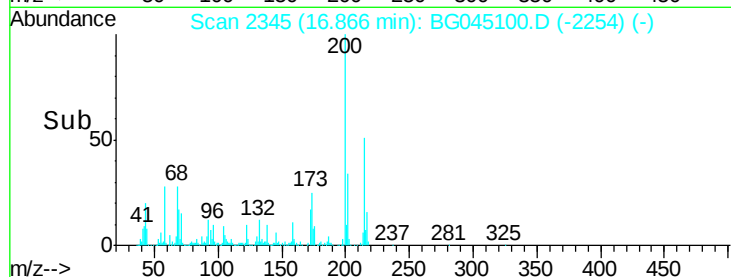
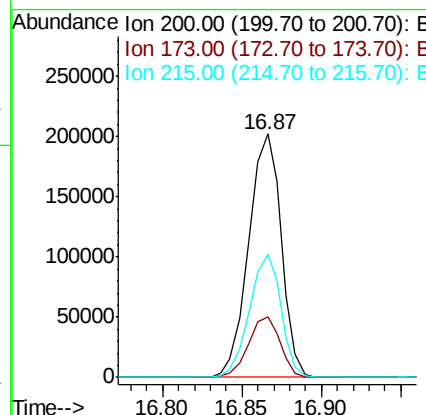
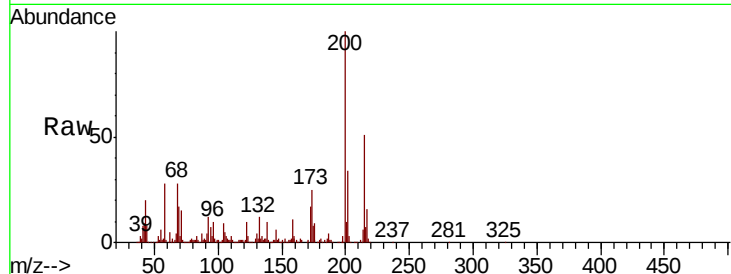
#69
Atrazine
Concen: 57.587 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampled :
S-2MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.5	44.5
215	50.5	30.0	70.0

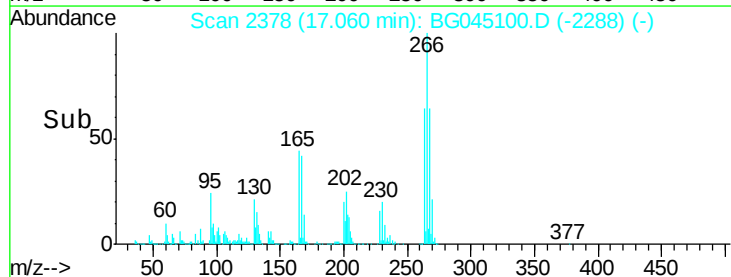
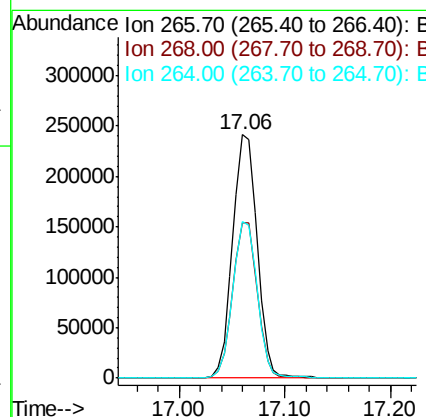
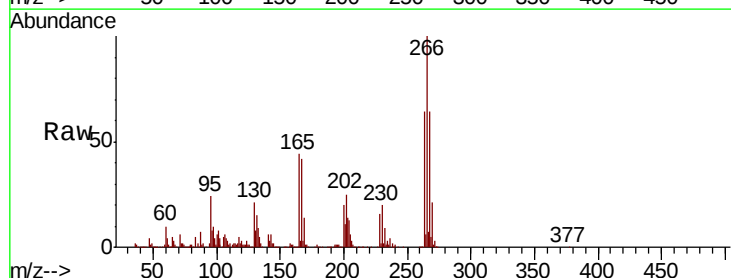
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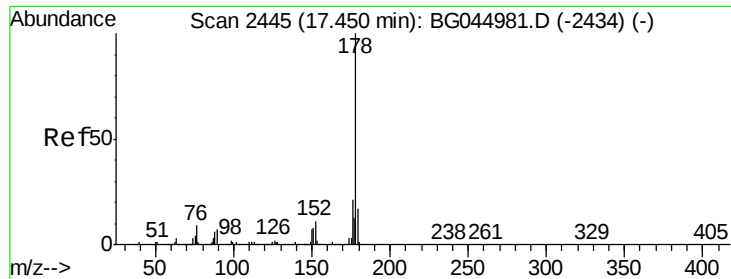
mohammad
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#70
Pentachlorophenol
Concen: 96.787 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.5	77.3
264	64.1	52.2	78.4





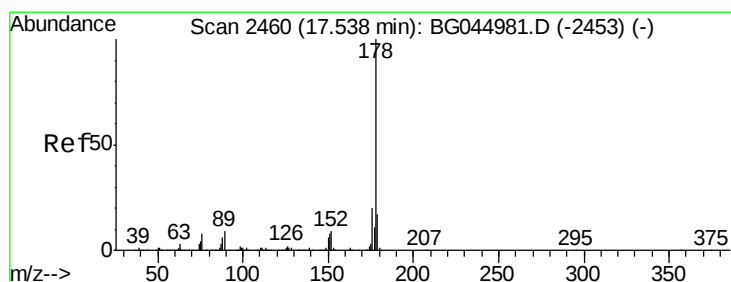
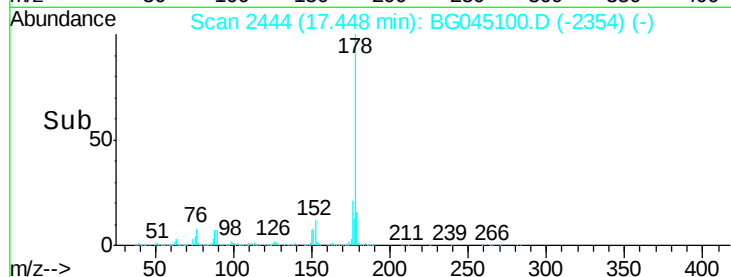
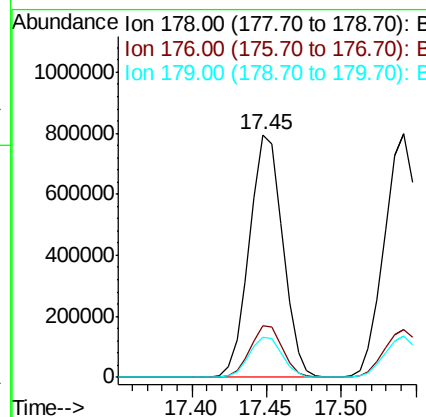
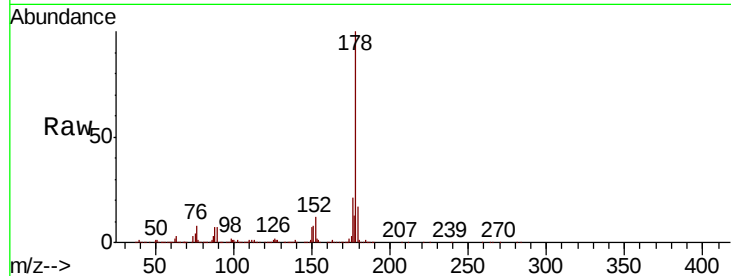
#71
Phenanthrene
Concen: 48.838 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	16.6	13.2	19.8

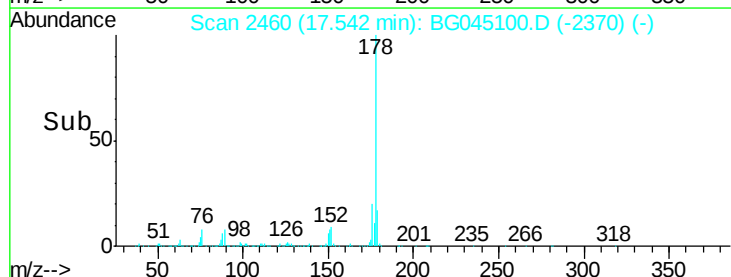
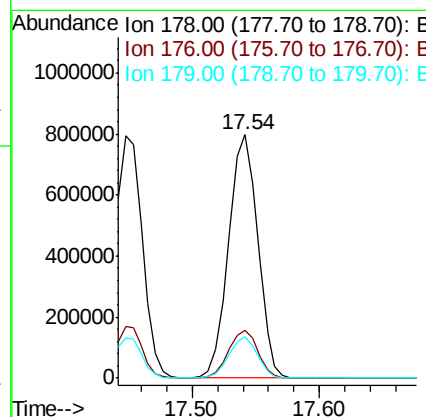
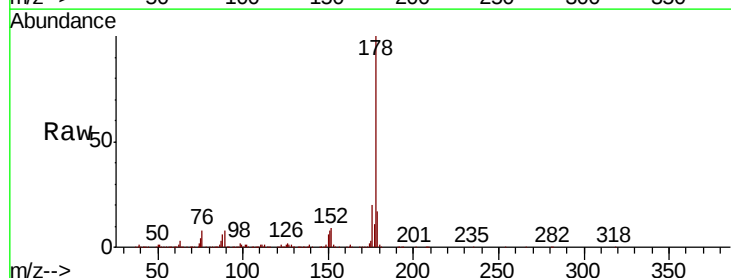
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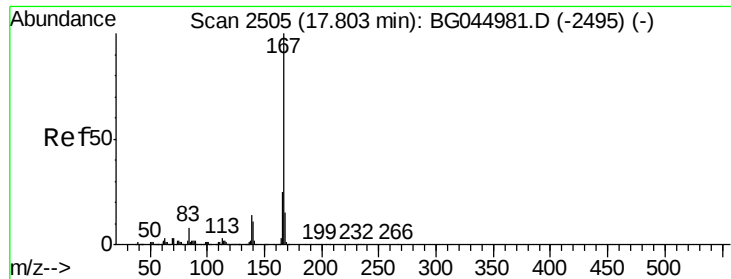
mohammad
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#72
Anthracene
Concen: 50.227 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.9	13.6	20.4





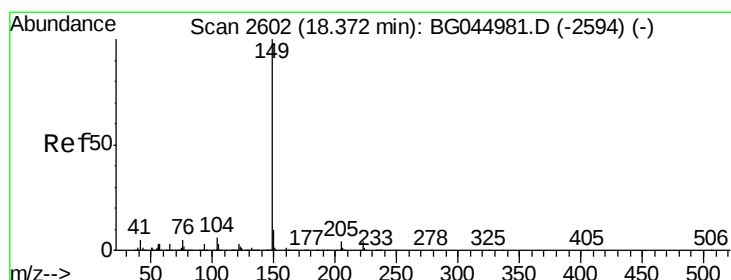
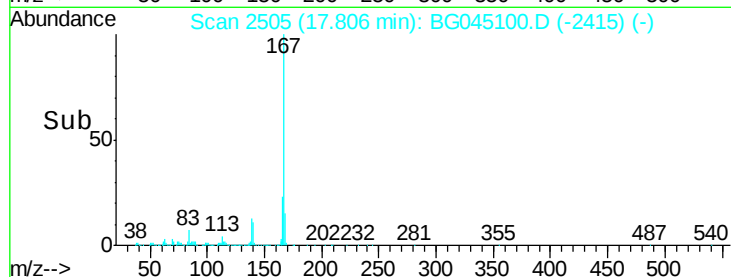
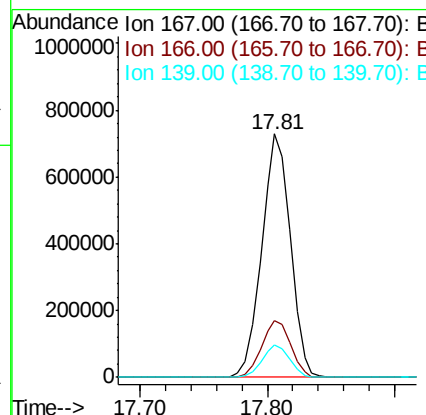
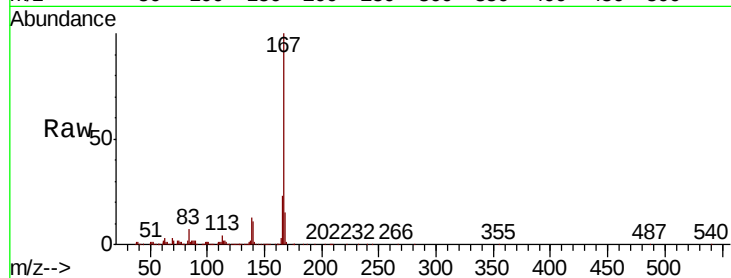
#73
 Carbazole
 Concen: 44.566 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.8	29.6
139	13.3	10.9	16.3

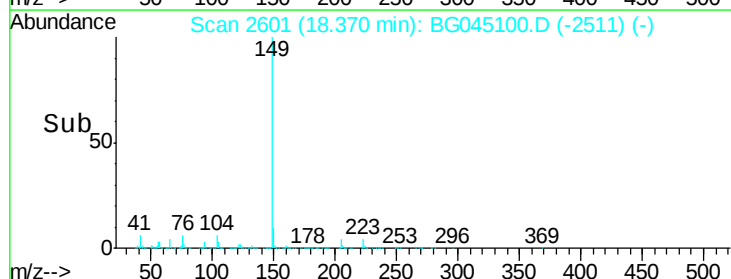
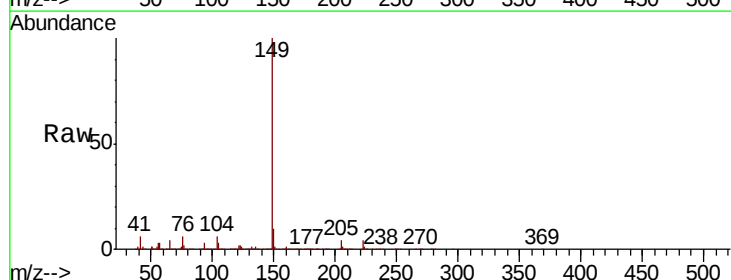
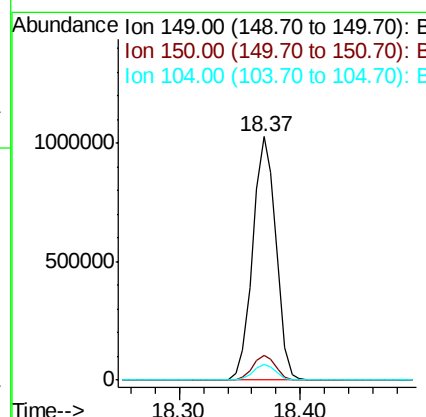
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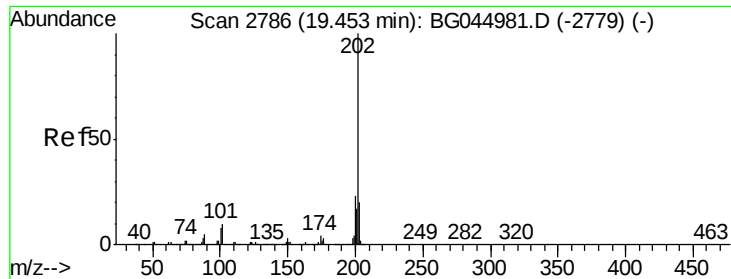
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#74
 Di-n-butylphthalate
 Concen: 50.039 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 46.317 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

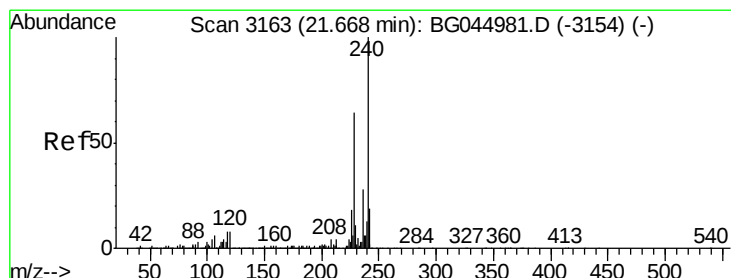
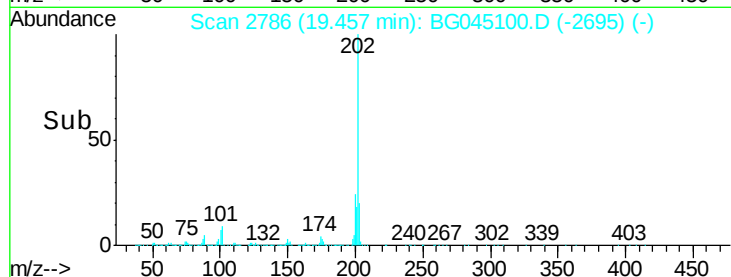
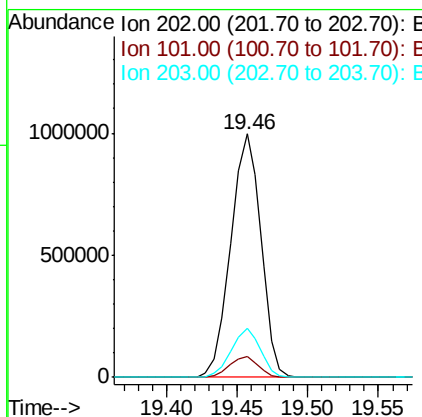
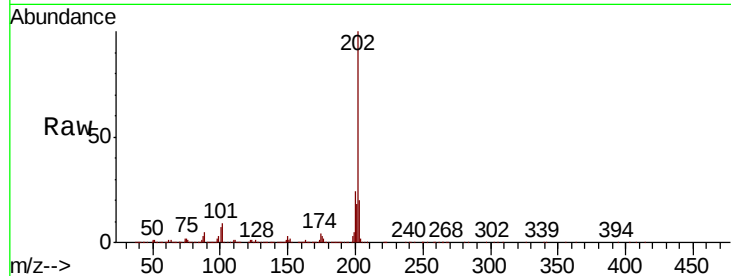
ClientSampled :

S-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.6
203	20.3	0.0	39.7

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#76

Chrysene-d12

Concen: 20.000 ng

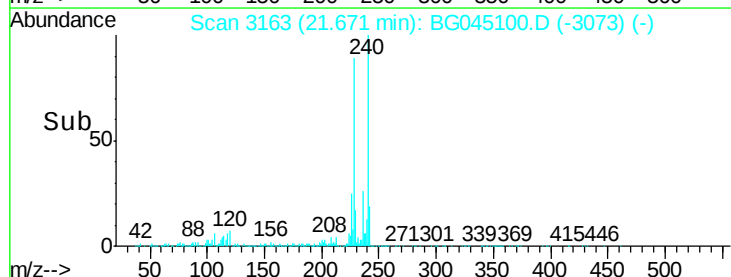
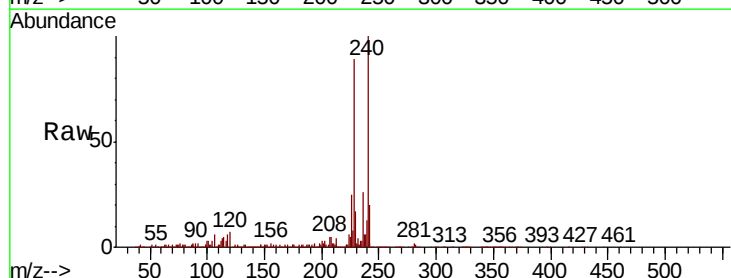
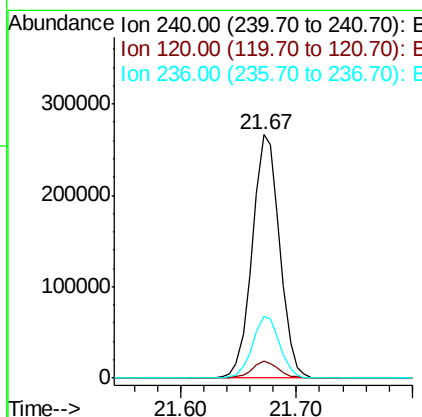
RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.6	10.0
236	25.6	22.2	33.2





#77

Benzidine

Concen: 72.078 ng

RT: 19.63 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

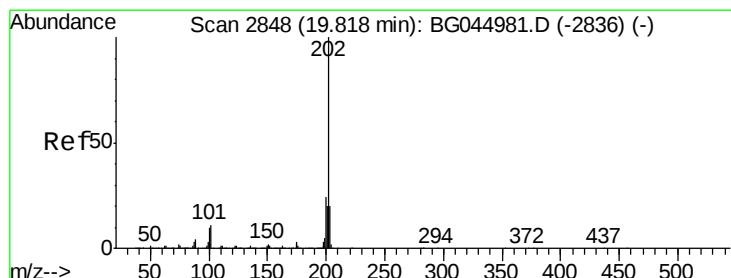
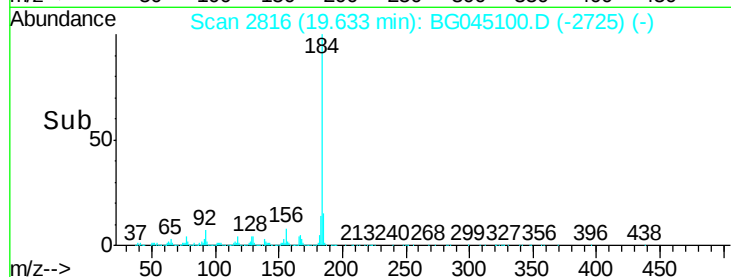
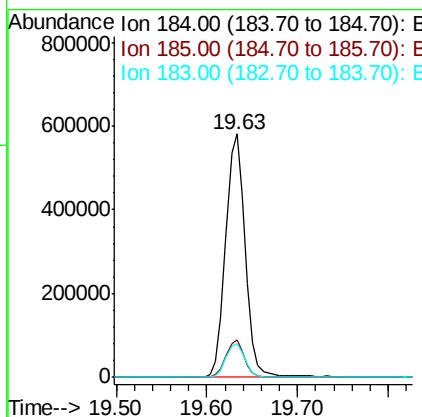
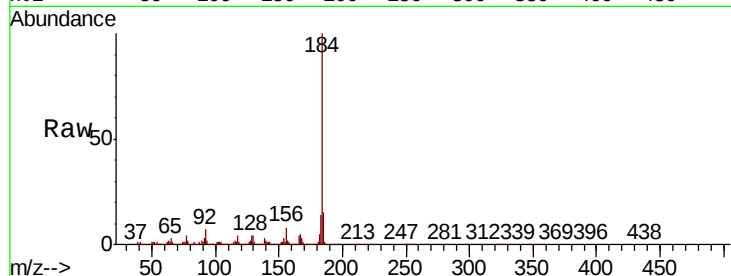
ClientSampleId :

S-2MSD

Tot Ion:	184	Resp:	872094
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	19.0
183	13.7	11.3	16.9

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#78

Pyrene

Concen: 48.164 ng

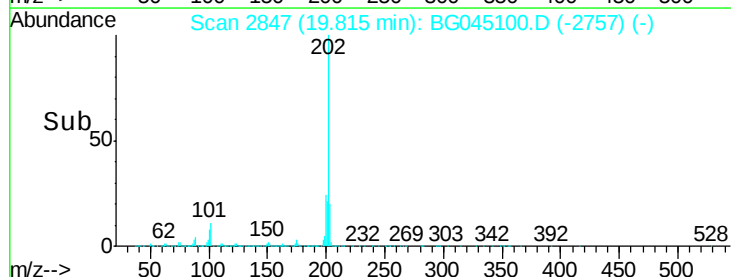
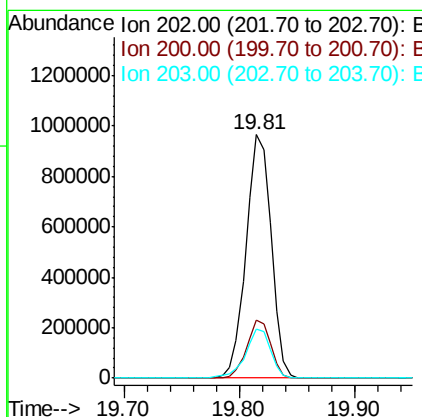
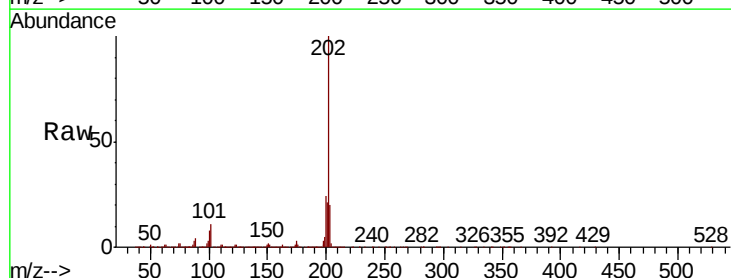
RT: 19.81 min Scan# 2847

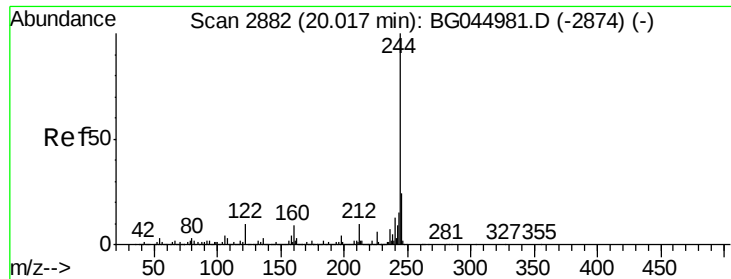
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	202	Resp:	1459651
Ion Ratio	Lower	Upper	
202	100		
200	23.9	19.0	28.6
203	20.0	16.1	24.1





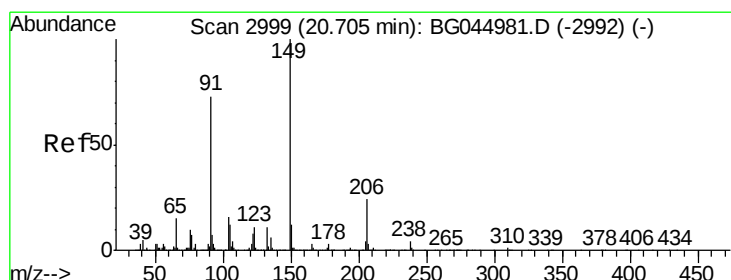
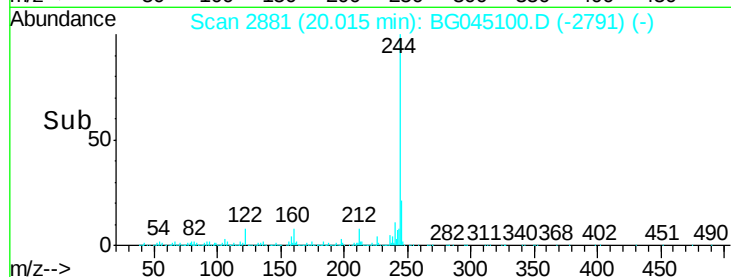
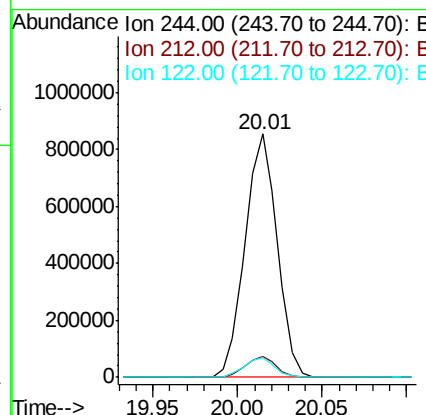
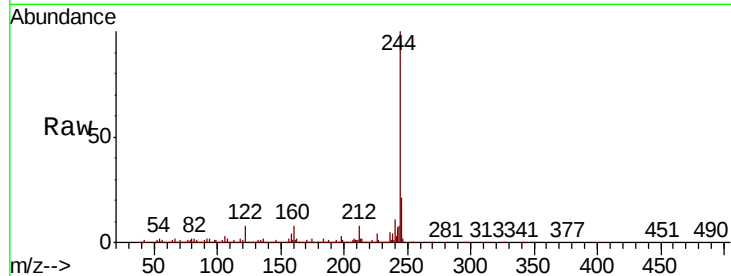
#79
 Terphenyl-d14
 Concen: 56.030 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.9	11.9
122	7.9	7.7	11.5

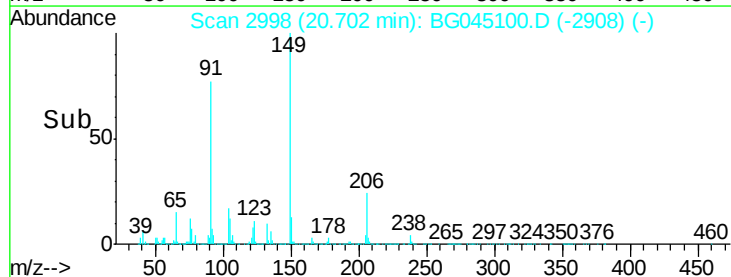
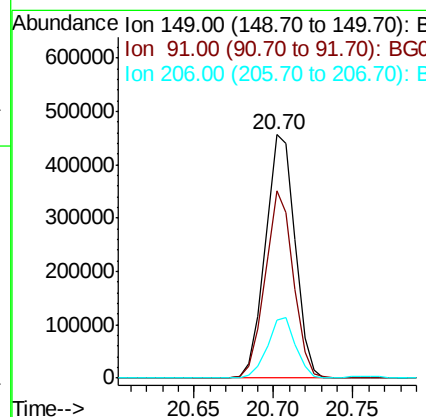
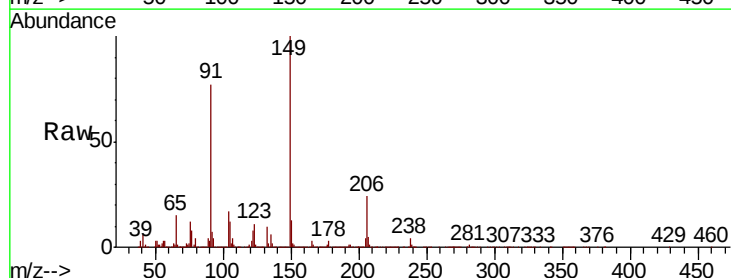
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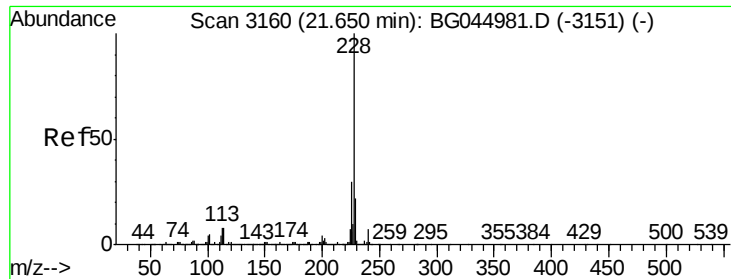
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#80
 Butylbenzylphthalate
 Concen: 47.418 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.9	58.5	87.7
206	23.9	19.2	28.8





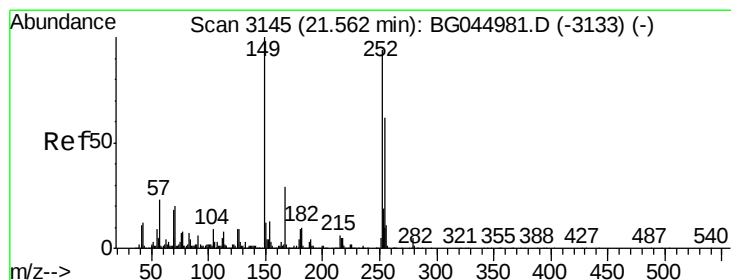
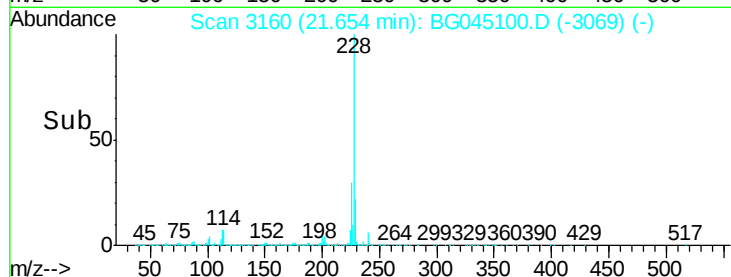
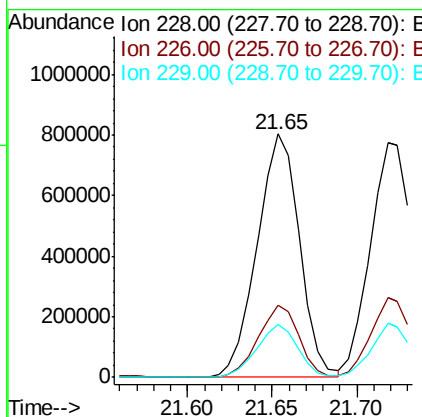
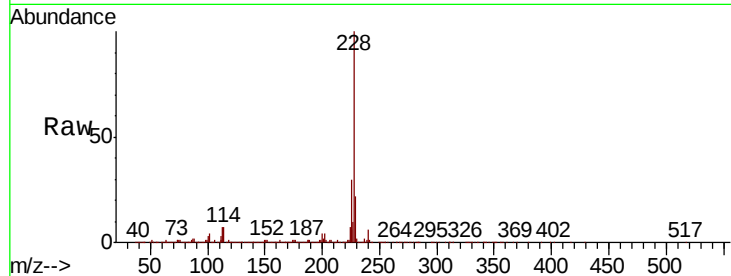
#81
Benzo(a)anthracene
Concen: 49.076 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.8	17.5	26.3

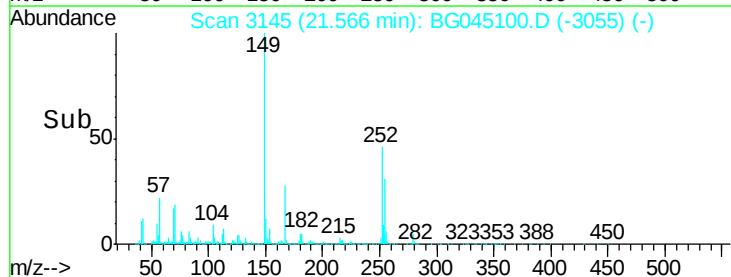
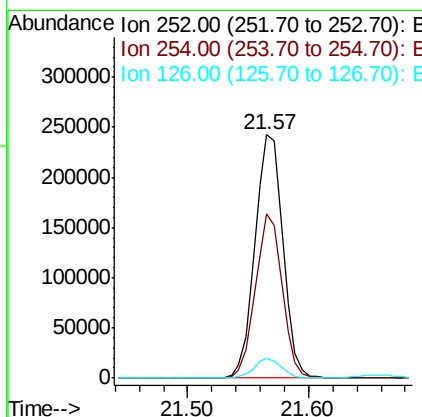
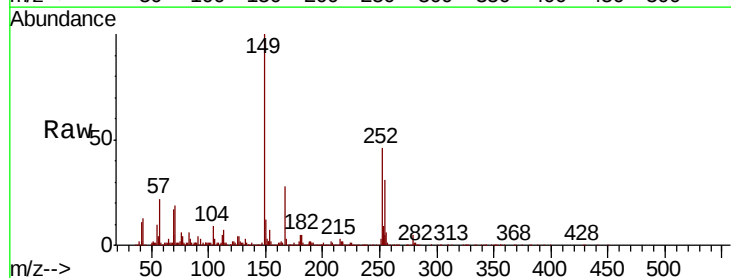
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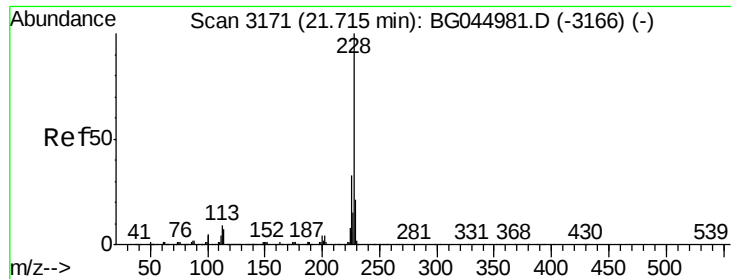
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#82
3,3'-Dichlorobenzidine
Concen: 34.716 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.7	52.6	79.0
126	8.3	7.5	11.3





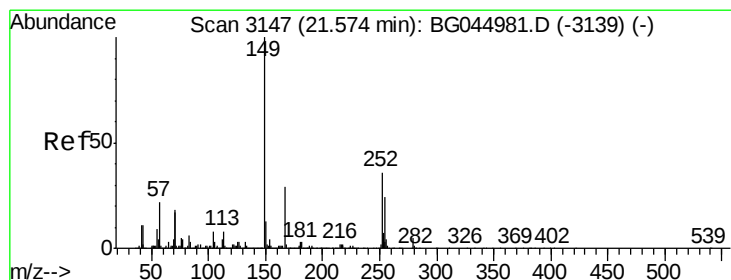
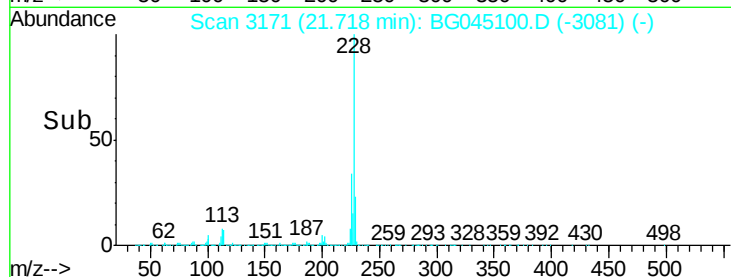
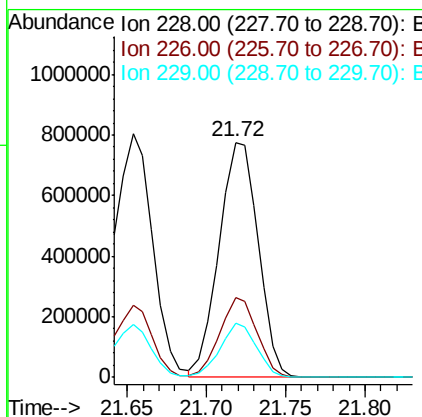
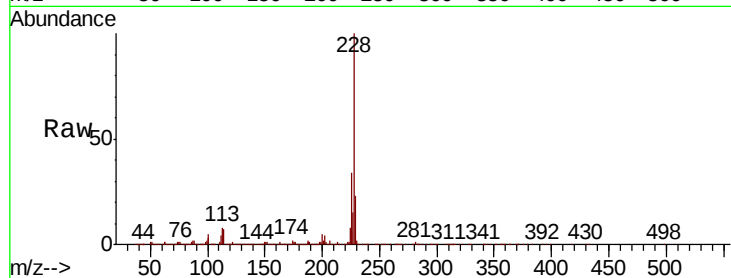
#83
 Chrysene
 Concen: 48.464 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleID :
 S-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.2	39.4
229	22.9	17.0	25.6

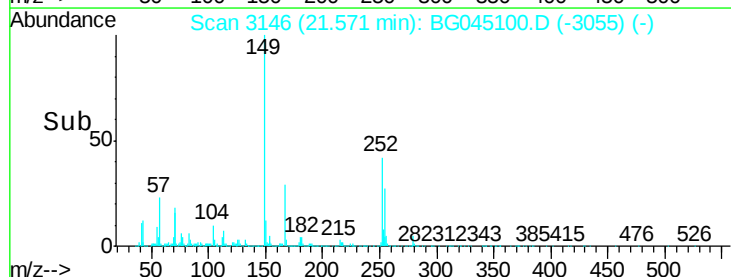
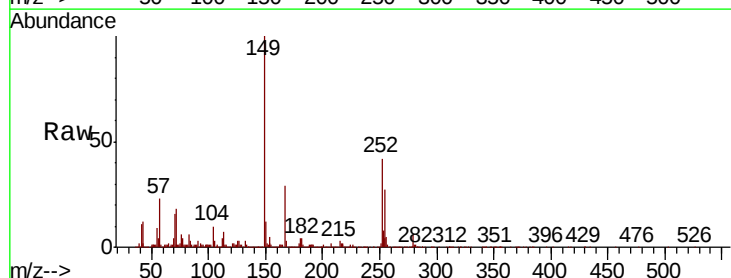
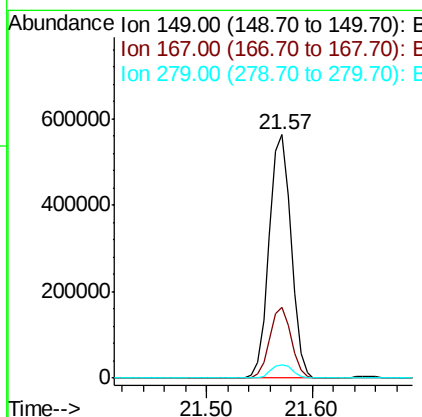
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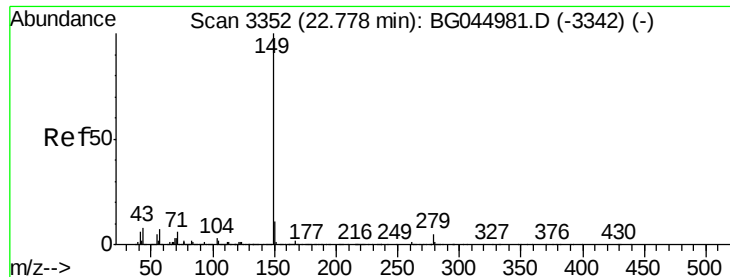
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.652 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	5.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 46.470 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampled :

S-2MSD

Tot Ion:149 Resp: 1388366

Ion Ratio Lower Upper

149 100

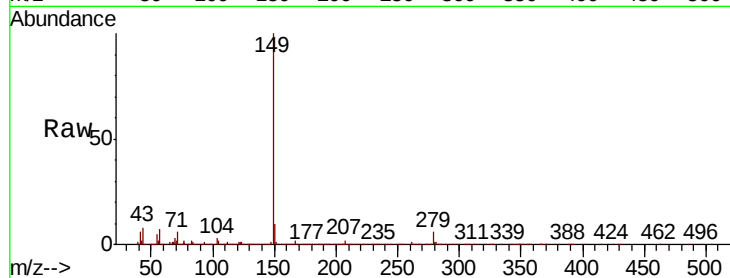
167 1.8 1.4 2.2

43 7.2 5.7 8.5

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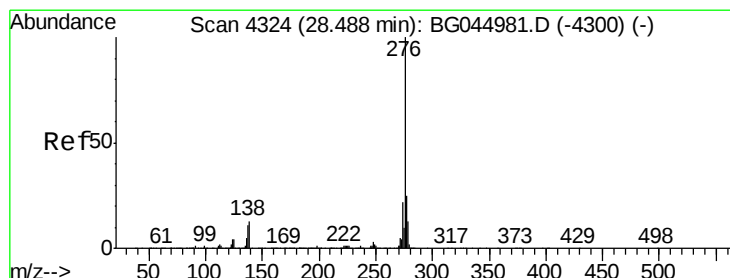
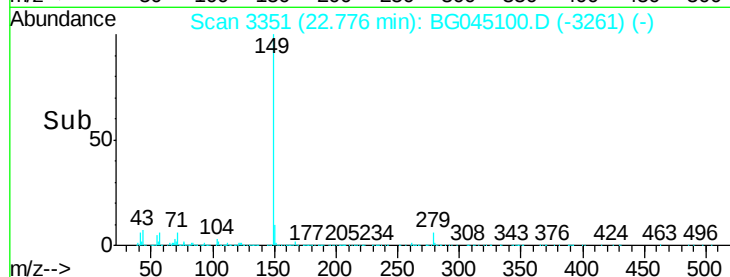
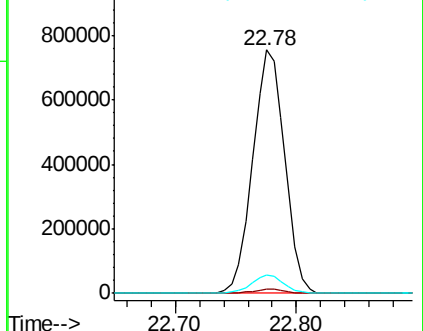
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.712 ng

RT: 28.51 min Scan# 4327

Delta R.T. 0.01 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

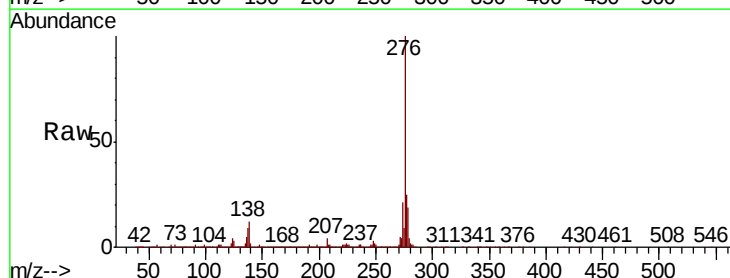
Tgt Ion:276 Resp: 1770496

Ion Ratio Lower Upper

276 100

138 9.0 9.6 14.4#

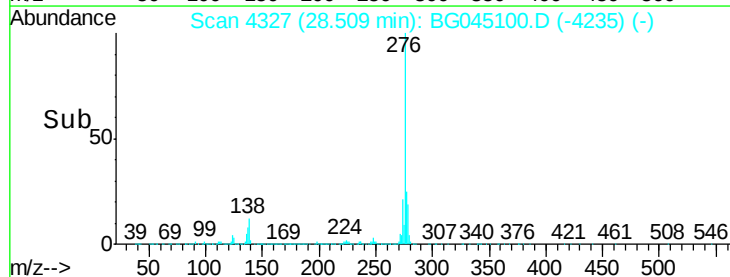
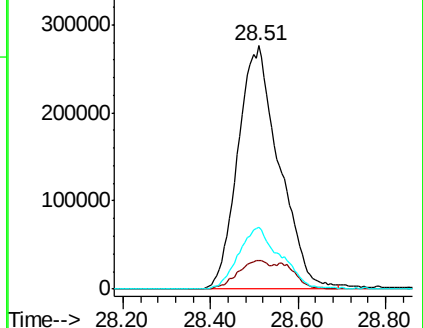
277 25.8 20.6 31.0

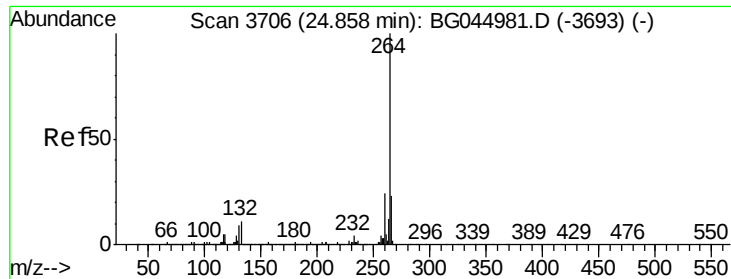


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

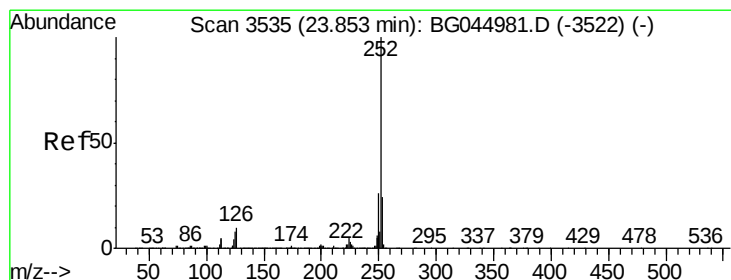
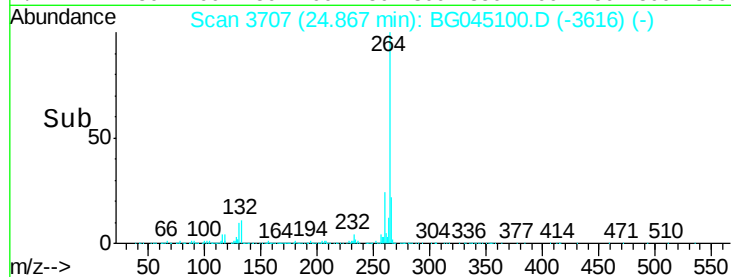
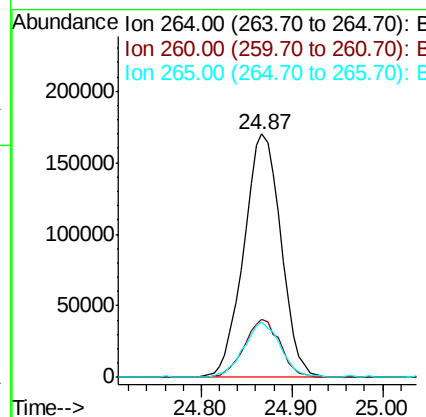
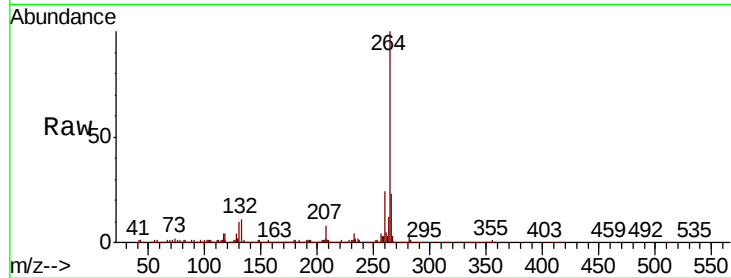
ClientSampleId :

S-2MSD

Tot Ion:	264	Resp:	484920
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.7	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 48.327 ng

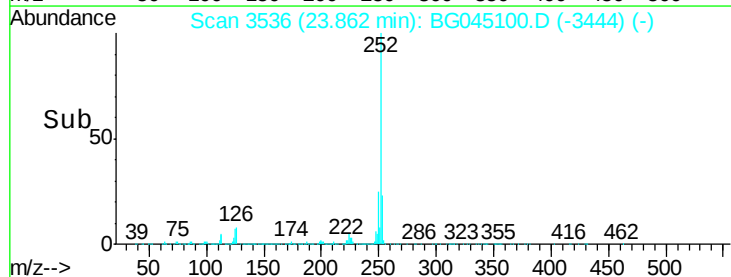
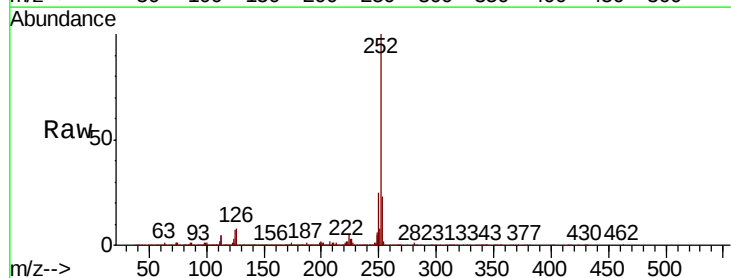
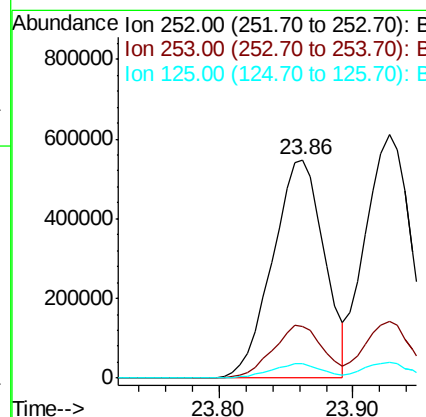
RT: 23.86 min Scan# 3536

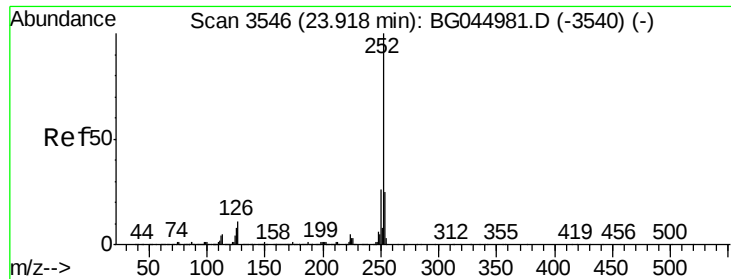
Delta R.T. 0.01 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:	252	Resp:	1467954
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.8	28.2
125	6.9	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 49.677 ng

RT: 23.93 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

Tot Ion:252 Resp: 1434996

Ion Ratio Lower Upper

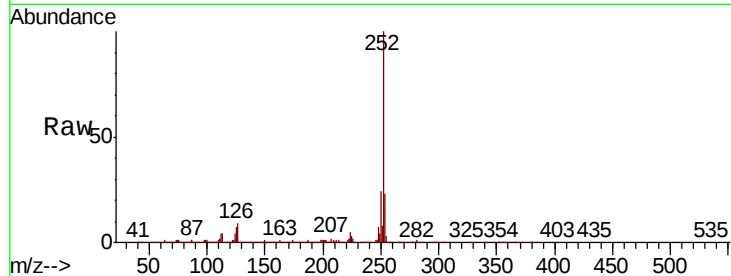
252 100

253 23.2 19.2 28.8

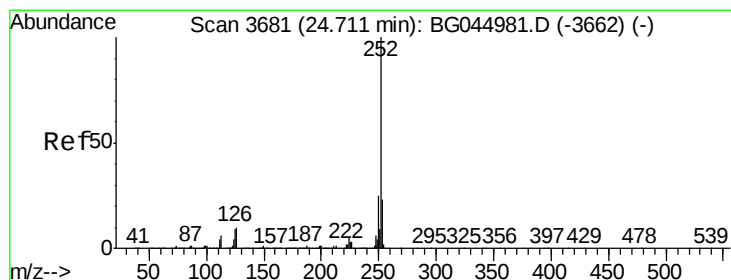
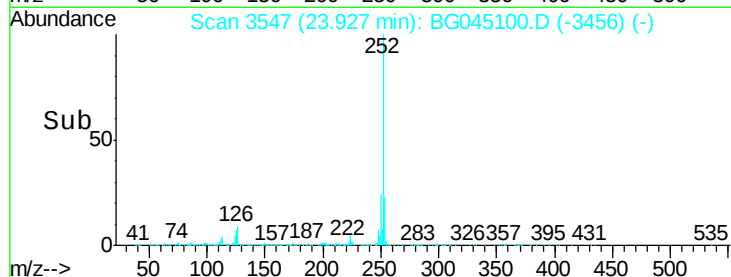
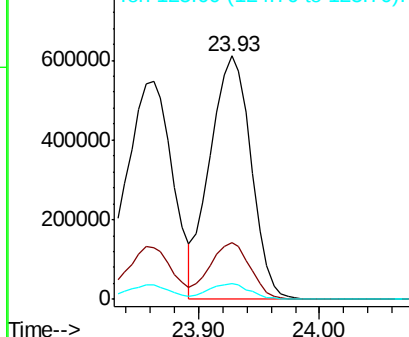
125 6.6 5.9 8.9

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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: 48.369 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

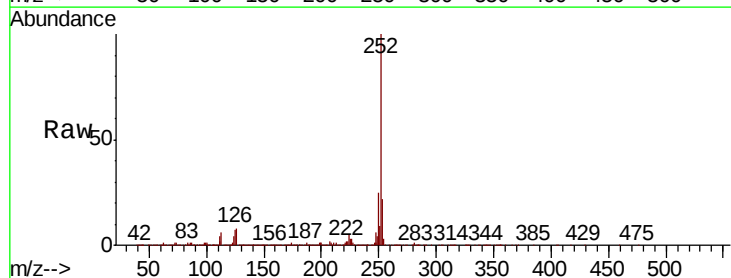
Tgt Ion:252 Resp: 1387168

Ion Ratio Lower Upper

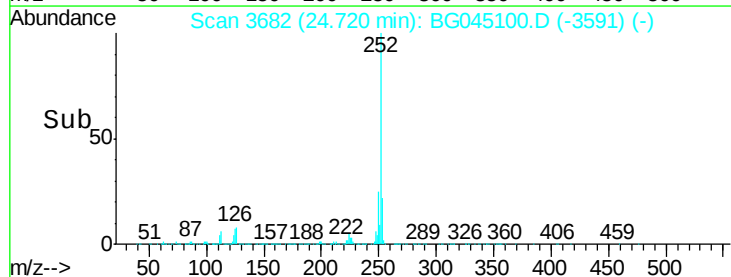
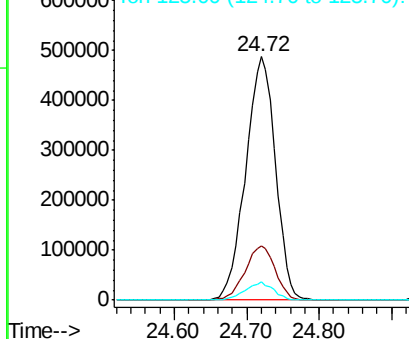
252 100

253 22.0 18.3 27.5

125 7.3 7.0 10.6



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





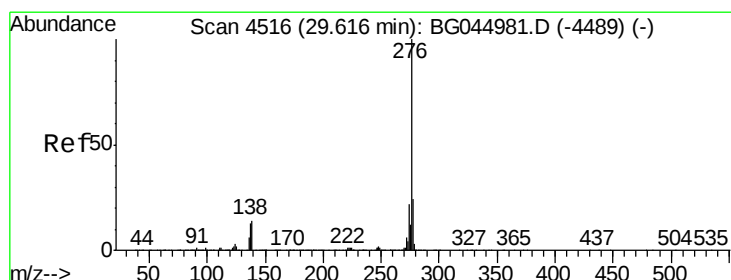
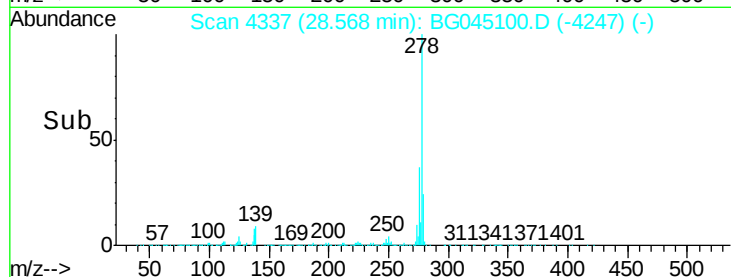
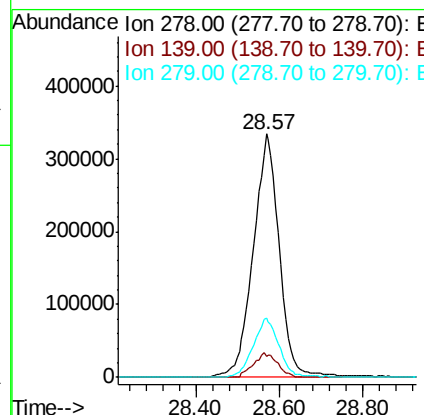
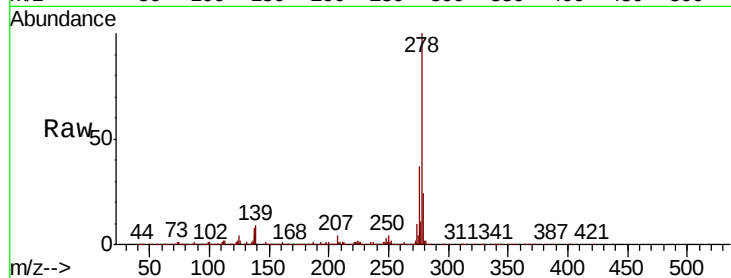
#91
Dibenzo(a,h)anthracene
Concen: 50.404 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion:278 Resp: 1456590
Ion Ratio Lower Upper
278 100
139 8.8 9.0 13.6#
279 24.3 18.4 27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.044 ng
RT: 29.64 min Scan# 4520
Delta R.T. 0.01 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:276 Resp: 1391922
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 11.7 11.4 17.2

