

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045011.D
 Acq On : 16 Apr 2020 18:11
 Operator : CG/JU
 Sample : PB128259BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Manual Integrations
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 4/17/2020 1:51:38 PM

Quant Time: Apr 16 18:47:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66999	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	294876	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	230360	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	564766	20.00	ng	0.00
76) Chrysene-d12	21.66	240	520648	20.00	ng	0.00
87) Perylene-d12	24.85	264	589972	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	590036	145.39	ng	0.00
7) Phenol-d6	7.18	99	876018	145.29	ng	0.00
23) Nitrobenzene-d5	9.18	82	546551	84.57	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	477000	134.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1320112	84.03	ng	0.00
79) Terphenyl-d14	20.01	244	2269818	95.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	71411	39.595	ng	96
3) Pyridine	3.88	79	205504	37.008	ng	96
4) n-Nitrosodimethylamine	3.79	42	78752	46.294	ng	# 97
6) Aniline	7.34	93	264617	33.754	ng	97
8) 2-Chlorophenol	7.58	128	234797	53.834	ng	98
9) Benzaldehyde	7.15	77	116210	32.149	ng	100
10) Phenol	7.21	94	326317	54.083	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	214516	44.655	ng	99
12) 1,3-Dichlorobenzene	7.91	146	232147	45.170	ng	97
13) 1,4-Dichlorobenzene	8.06	146	235198	45.927	ng	99
14) 1,2-Dichlorobenzene	8.38	146	223462	45.611	ng	94
15) Benzyl Alcohol	8.25	79	245105	48.485	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	197940	41.976	ng	97
17) 2-Methylphenol	8.46	107	224214	48.164	ng	92
18) Hexachloroethane	9.11	117	88145	45.785	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	200013	46.907	ng	99
20) 3+4-Methylphenols	8.79	107	313846	48.166	ng	94
22) Acetophenone	8.84	105	359216	45.047	ng	99
24) Nitrobenzene	9.22	77	296165	44.709	ng	97
25) Isophorone	9.75	82	563030	42.543	ng	97
26) 2-Nitrophenol	9.93	139	137992	48.361	ng	96
27) 2,4-Dimethylphenol	10.00	122	235139	51.935	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	321466	46.231	ng	97
29) 2,4-Dichlorophenol	10.47	162	266060	50.893	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	261253	44.138	ng	99
31) Naphthalene	10.88	128	724064	44.886	ng	99
32) Benzoic acid	10.15	122	186613	50.621	ng	94
33) 4-Chloroaniline	10.98	127	140026	18.613	ng	98
34) Hexachlorobutadiene	11.17	225	171396	42.234	ng	99
35) Caprolactam	11.74	113	103290m	49.643	ng	
36) 4-Chloro-3-methylphenol	12.11	107	319119	51.962	ng	94
37) 2-Methylnaphthalene	12.49	142	578659	46.216	ng	97
38) 1-Methylnaphthalene	12.71	142	555540	47.000	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	315497	42.537	ng	99

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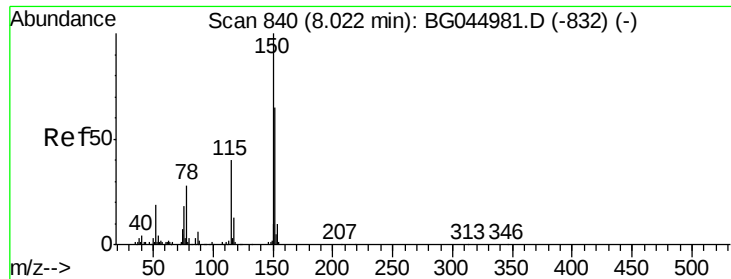
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	432585	93.315	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	255061	48.726	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	269133	45.169	ng	99
46) 1,1'-Biphenyl	13.49	154	753336	43.026	ng	99
47) 2-Chloronaphthalene	13.53	162	591662	44.224	ng	99
48) 2-Nitroaniline	13.73	65	203582	46.250	ng	98
49) Acenaphthylene	14.38	152	984731	45.188	ng	98
50) Dimethylphthalate	14.11	163	840136	44.791	ng	99
51) 2,6-Dinitrotoluene	14.22	165	198521	47.319	ng	97
52) Acenaphthene	14.72	154	704661	47.792	ng	99
53) 3-Nitroaniline	14.55	138	118688	25.794	ng	96
54) 2,4-Dinitrophenol	14.76	184	172796	69.265	ng	94
55) Dibenzofuran	15.06	168	968666	45.063	ng	98
56) 4-Nitrophenol	14.87	139	331510	92.919	ng	98
57) 2,4-Dinitrotoluene	15.01	165	281164	45.858	ng	96
58) Fluorene	15.70	166	818505	46.616	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	271911	51.288	ng	99
60) Diethylphthalate	15.48	149	862990	44.129	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	449861	44.513	ng	97
62) 4-Nitroaniline	15.72	138	206869	43.346	ng	99
63) Azobenzene	15.99	77	839664	46.571	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	160495	43.234	ng	98
66) n-Nitrosodiphenylamine	15.91	169	746585	46.009	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	314395	43.151	ng	97
68) Hexachlorobenzene	16.71	284	343784	45.496	ng	98
69) Atrazine	16.86	200	319289	55.011	ng	96
70) Pentachlorophenol	17.05	266	422991	91.249	ng	99
71) Phenanthrene	17.45	178	1323554	45.605	ng	99
72) Anthracene	17.54	178	1371400	47.108	ng	99
73) Carbazole	17.80	167	1266740	42.878	ng	99
74) Di-n-butylphthalate	18.37	149	1503900	47.040	ng	98
75) Fluoranthene	19.45	202	1654181	49.048	ng	99
77) Benzidine	19.63	184	792621	53.714	ng	98
78) Pyrene	19.81	202	1606310	44.752	ng	99
80) Butylbenzylphthalate	20.70	149	658707	44.273	ng	99
81) Benzo(a)anthracene	21.65	228	1554449	46.064	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	370319	27.571	ng	100
83) Chrysene	21.71	228	1491415	45.998	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	950776	46.463	ng	99
85) Di-n-octyl phthalate	22.77	149	1614471	45.625	ng	99
86) Indeno(1,2,3-cd)pyrene	28.47	276	2051688	47.661	ng	99
88) Benzo(b)fluoranthene	23.84	252	1732621	46.884	ng	99
89) Benzo(k)fluoranthene	23.91	252	1628481	46.336	ng	100
90) Benzo(a)pyrene	24.70	252	1587387	45.495	ng	99
91) Dibenzo(a,h)anthracene	28.54	278	1660574	47.231	ng	97
92) Benzo(g,h,i)perylene	29.60	276	1669651	47.368	ng	100

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



#1

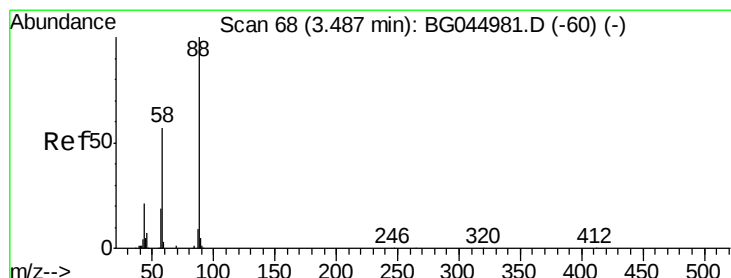
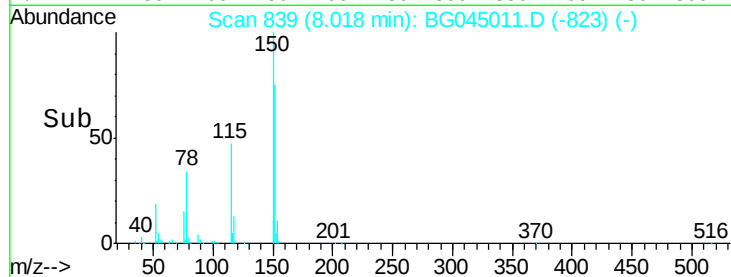
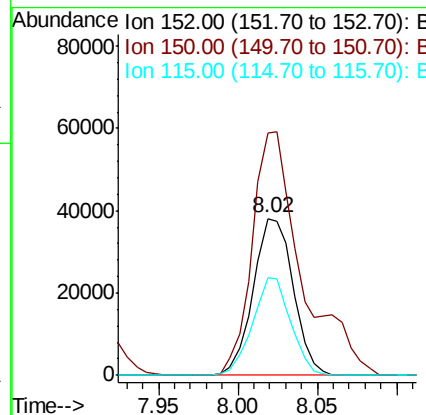
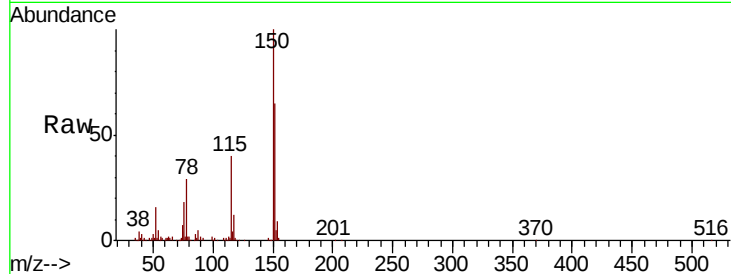
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.6	185.4
115	62.2	49.1	73.7

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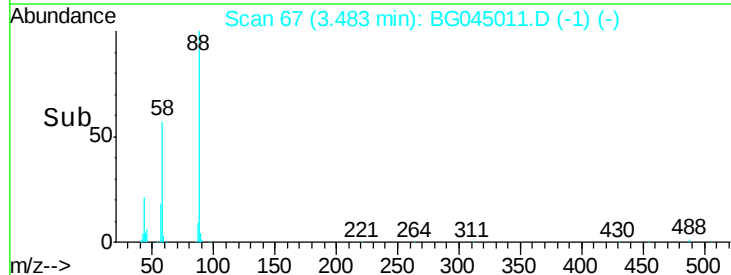
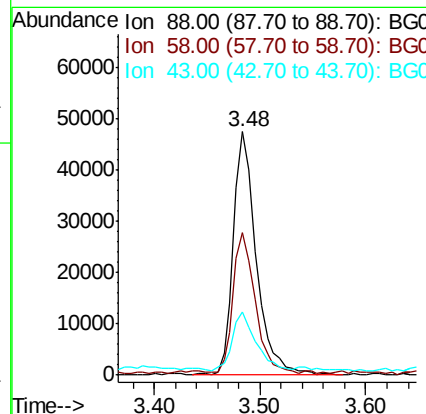
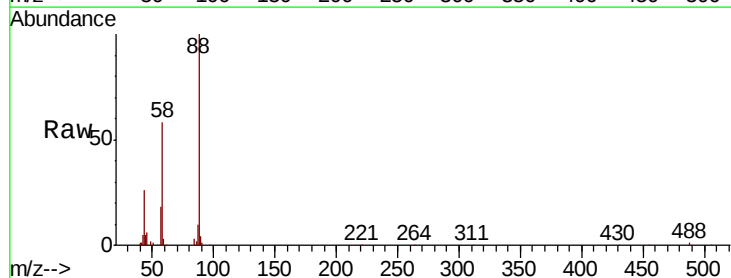
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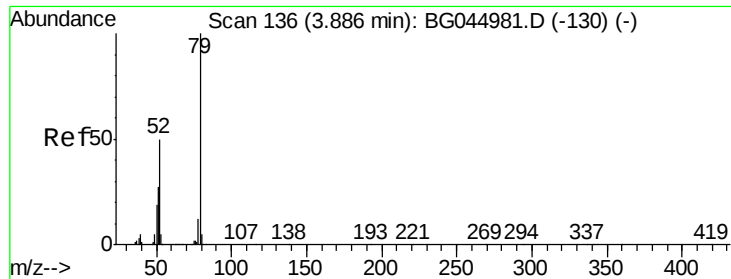


#2

1,4-Dioxane
Concen: 39.595 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.9	46.6	69.8
43	24.4	17.5	26.3





#3

Pvridine

Concen: 37.008 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

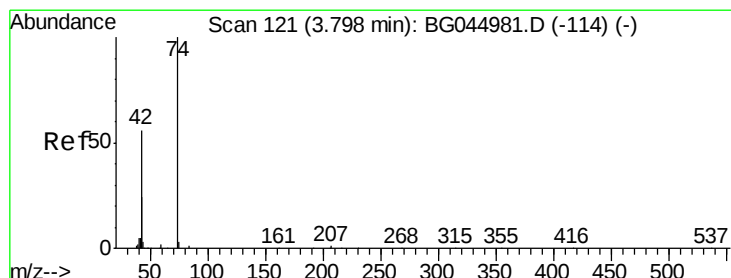
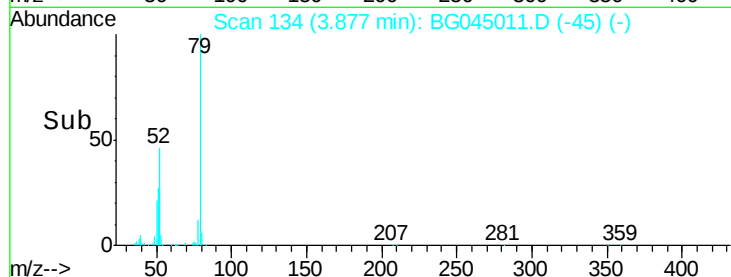
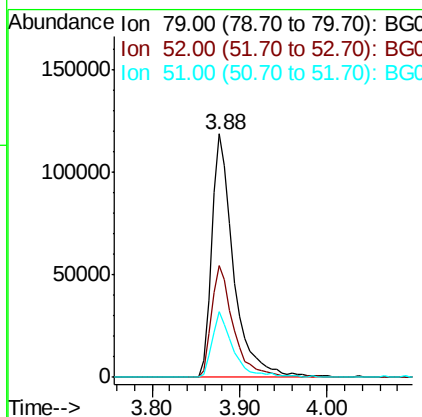
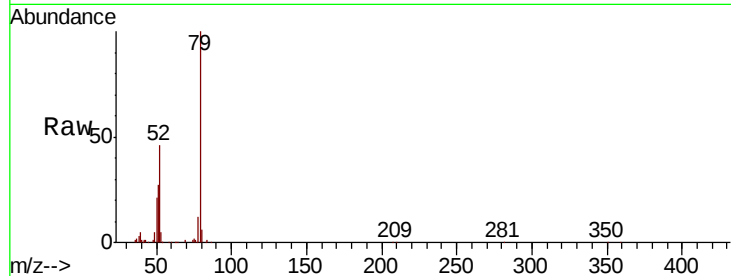
ClientSampleId :

PB128259BS

Tot Ion:	79	Resp:	205504
Ion	Ratio	Lower	Upper
79	100		
52	45.7	39.8	59.6
51	27.1	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 46.294 ng

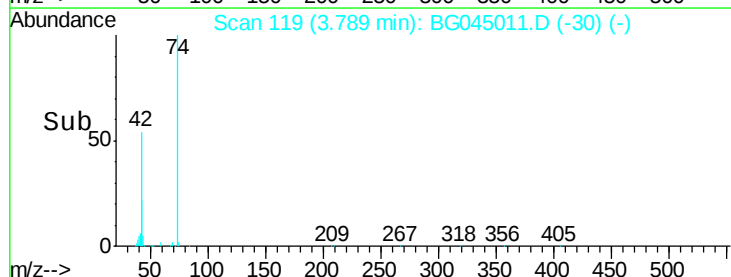
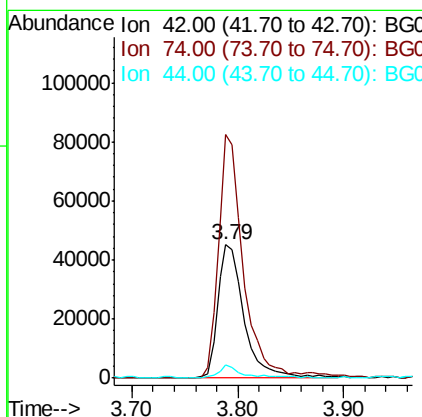
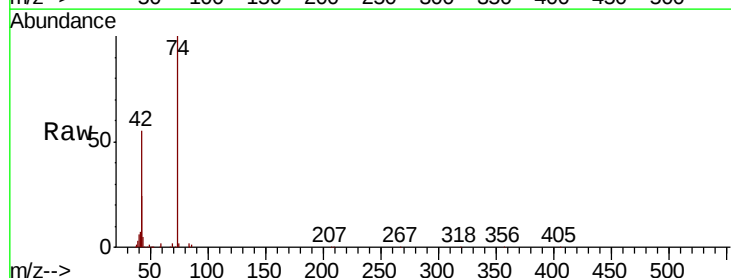
RT: 3.79 min Scan# 119

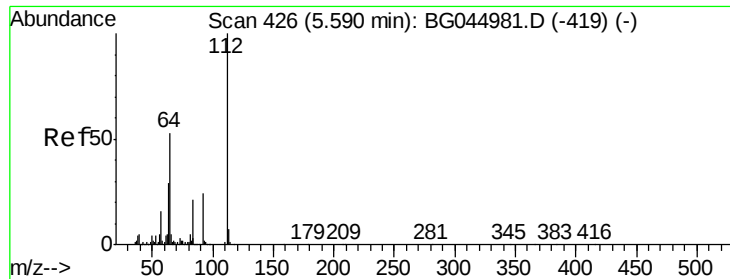
Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	42	Resp:	78752
Ion	Ratio	Lower	Upper
42	100		
74	183.1	143.0	214.6
44	10.1	4.6	6.8#





#5

2-Fluorophenol

Concen: 145.393 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

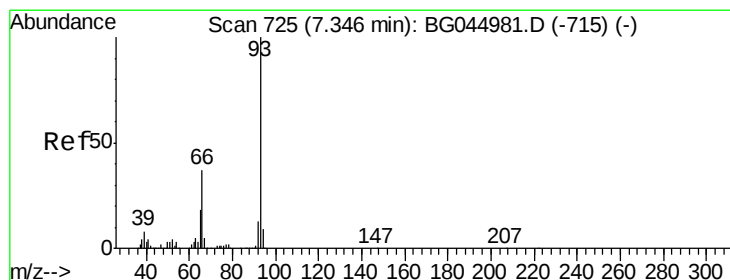
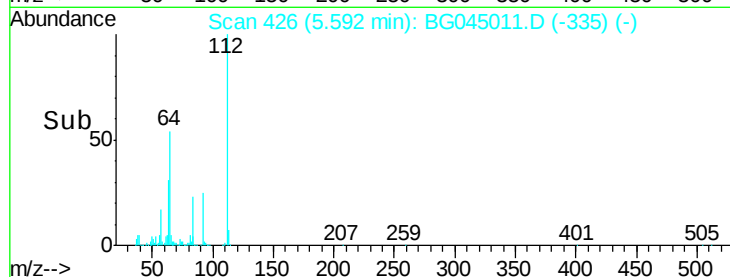
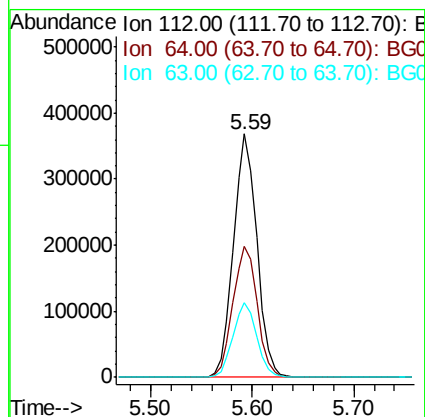
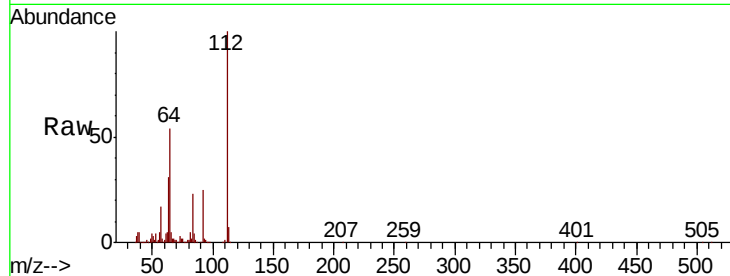
ClientSampleId :

PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	590036		
64	53.9	42.4	63.6	
63	30.6	23.1	34.7	

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#6

Aniline

Concen: 33.754 ng

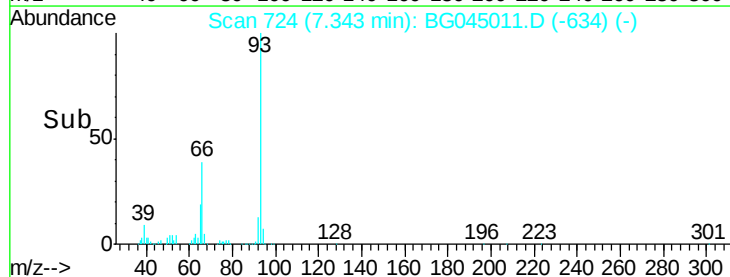
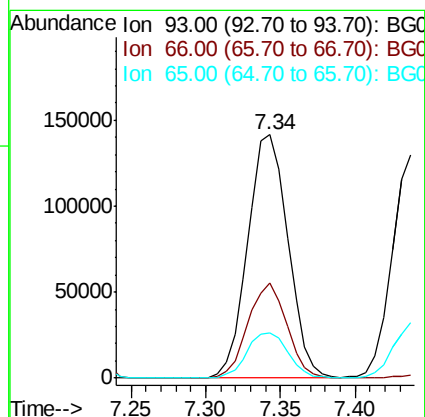
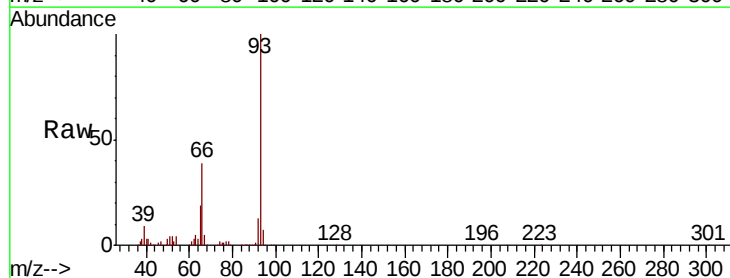
RT: 7.34 min Scan# 724

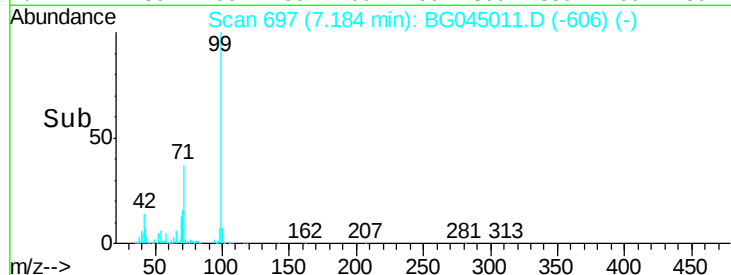
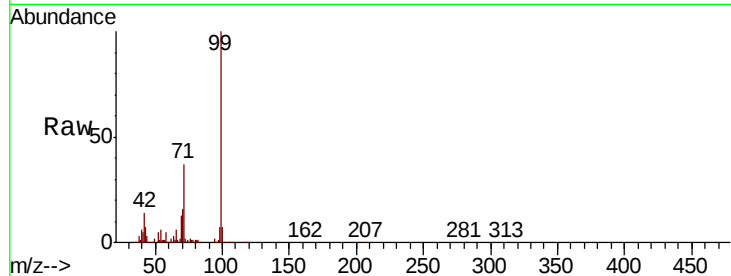
Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	264617		
66	39.3	29.8	44.8	
65	18.7	14.6	22.0	





#7

Phenol-d6

Concen: 145.289 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tot Ion:	99	Resp:	876018
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.3	16.9
71	36.8	28.3	42.5

Instrument :

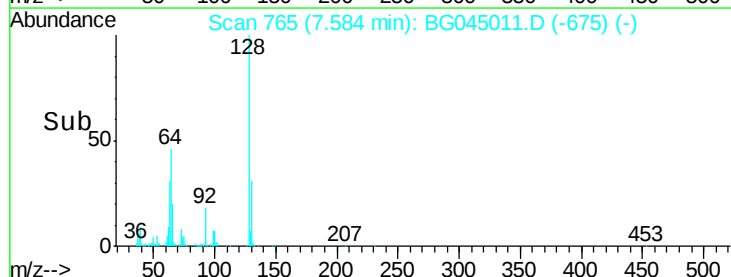
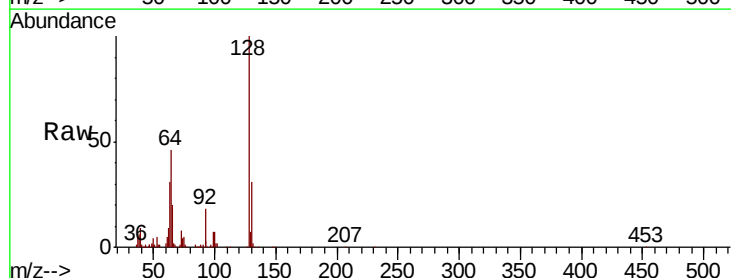
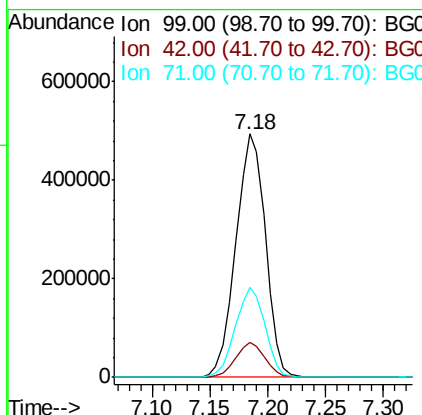
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#8

2-Chlorophenol

Concen: 53.834 ng

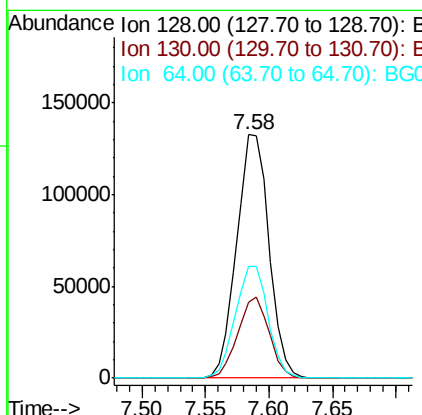
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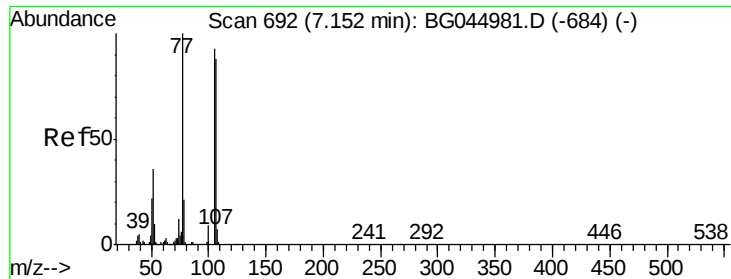
Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	128	Resp:	234797
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.3	52.3
64	45.7	24.4	64.4





#9

Benzaldehyde

Concen: 32.149 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

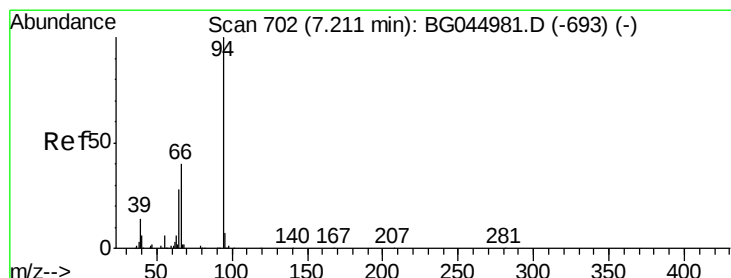
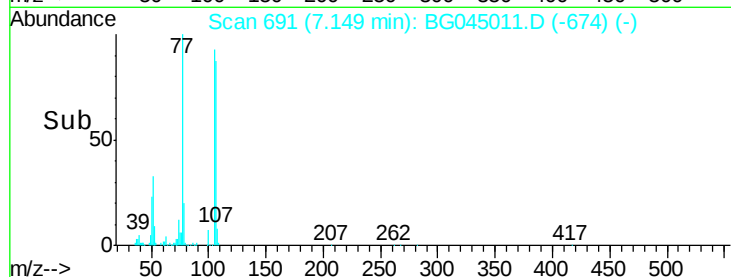
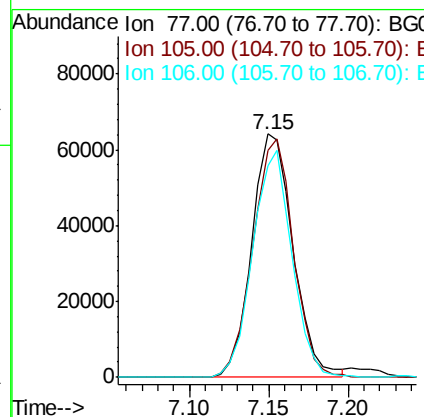
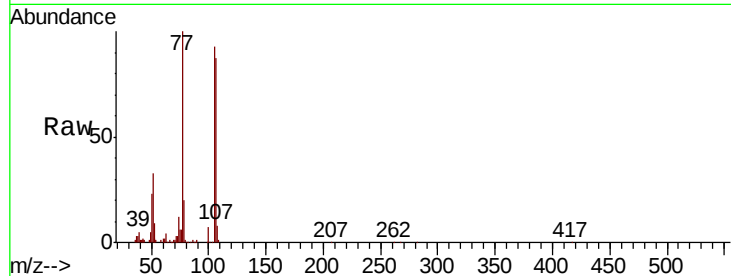
ClientSampleId :

PB128259BS

Tot Ion:	77	Resp:	116210
Ion	Ratio	Lower	Upper
77	100		
105	93.2	72.9	112.9
106	87.1	67.6	107.6

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#10

Phenol

Concen: 54.083 ng

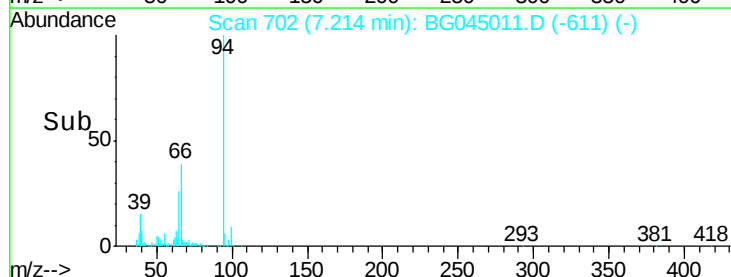
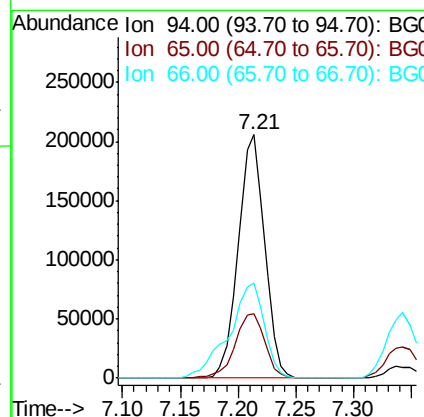
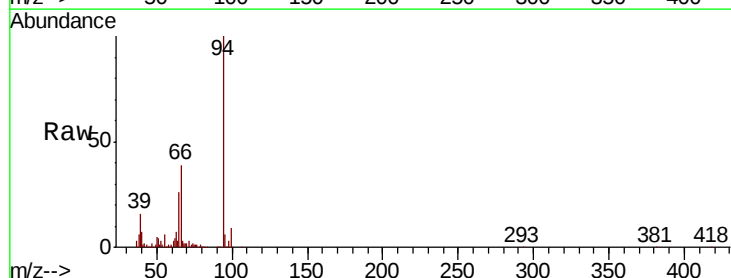
RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	94	Resp:	326317
Ion	Ratio	Lower	Upper
94	100		
65	26.4	8.2	48.2
66	39.0	20.4	60.4





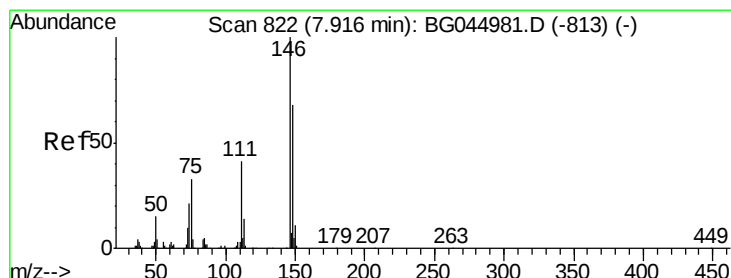
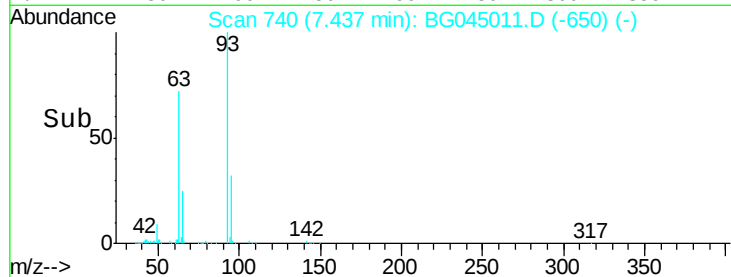
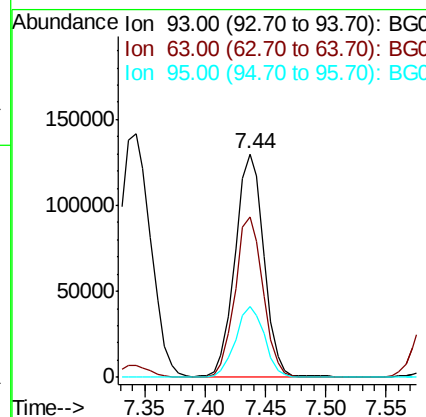
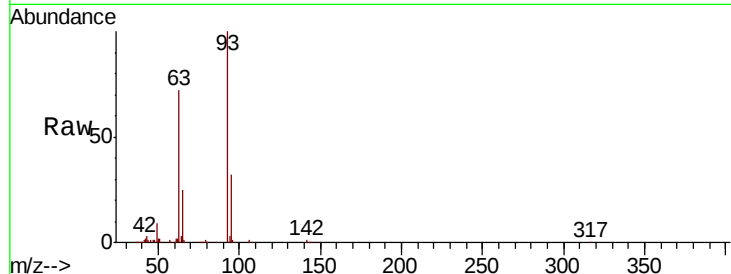
#11
bis(2-Chloroethyl)ether
Concen: 44.655 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	214516		
63	71.9	51.8	91.8	
95	31.9	13.8	53.8	

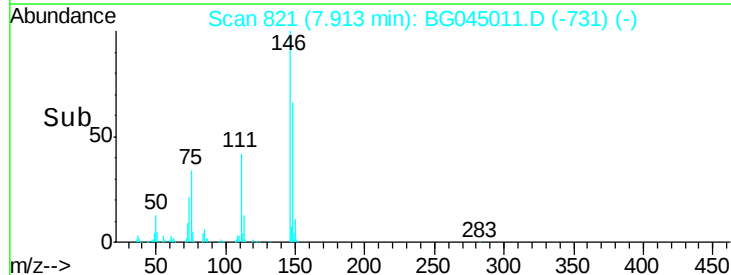
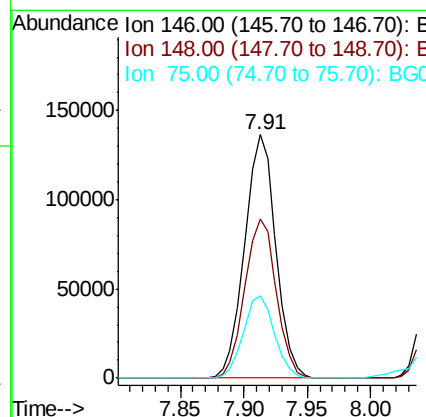
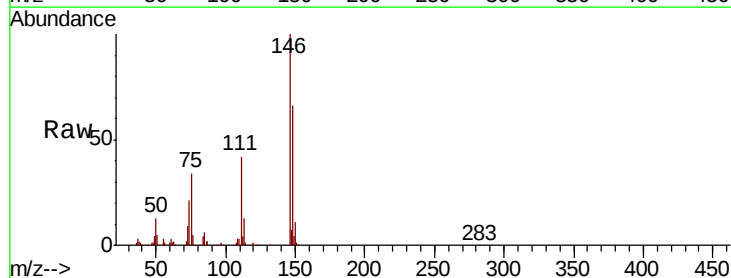
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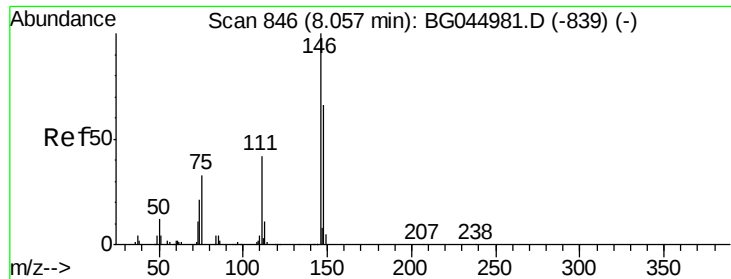
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.170 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	232147		
148	65.6	54.6	81.8	
75	33.6	26.0	39.0	





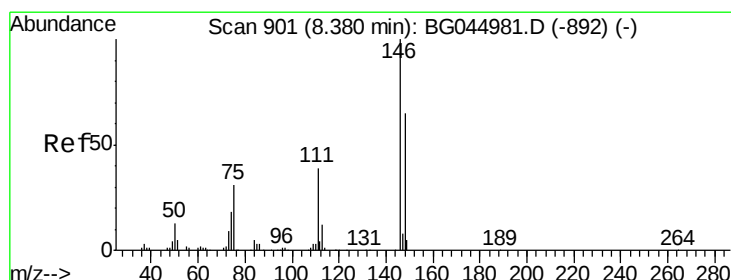
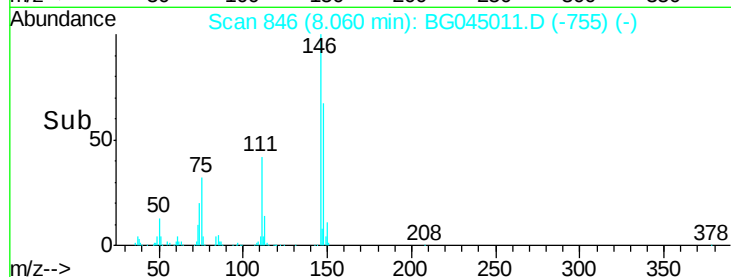
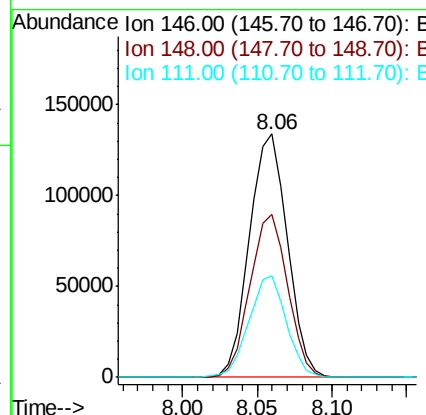
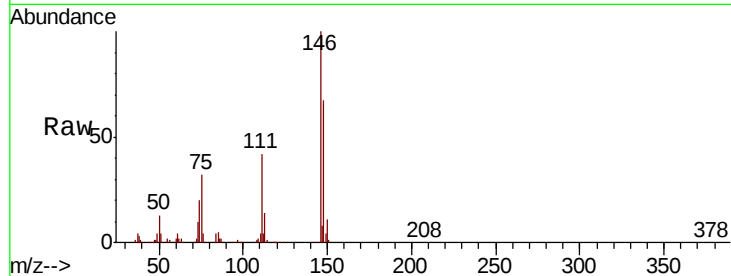
#13
 1,4-Dichlorobenzene
 Concen: 45.927 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.3	79.9
111	41.9	33.8	50.8

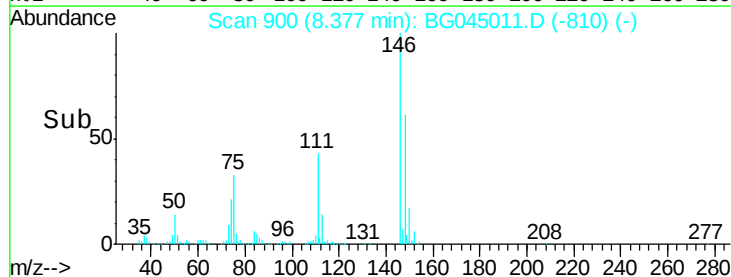
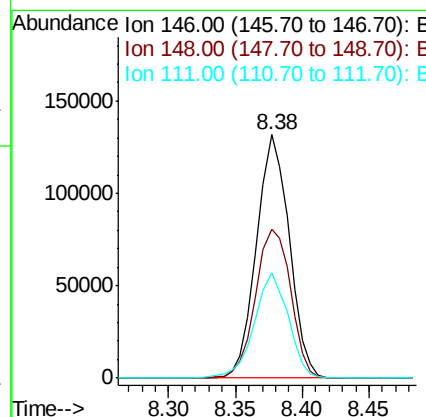
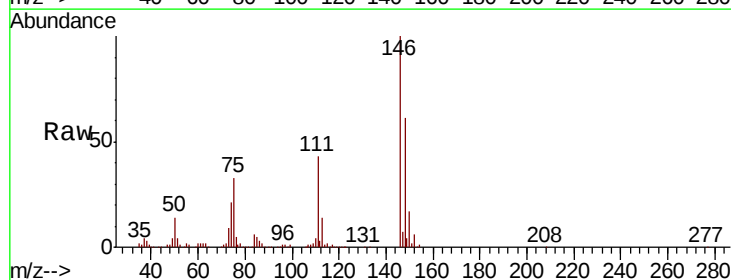
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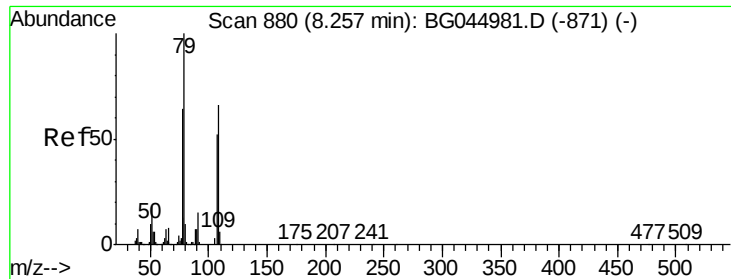
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.611 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	51.9	77.9
111	43.0	31.3	46.9





#15

Benzyl Alcohol

Concen: 48.485 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

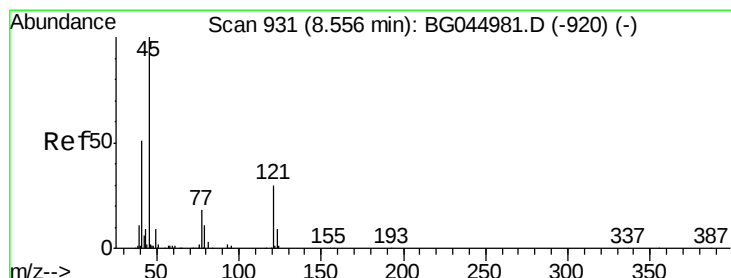
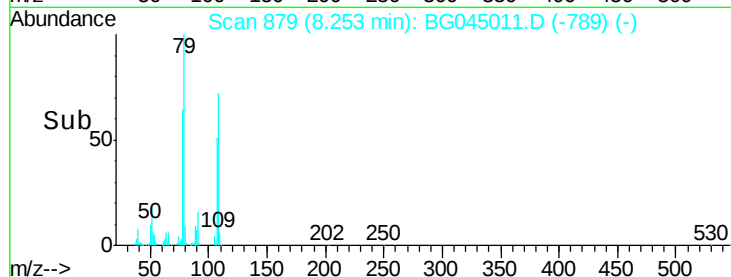
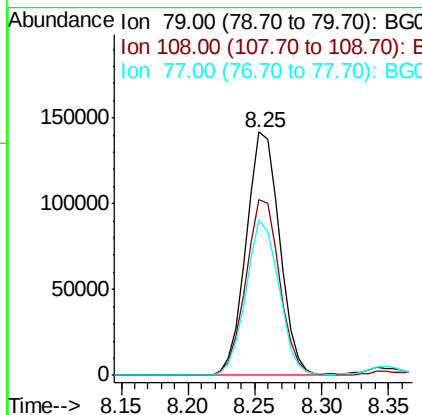
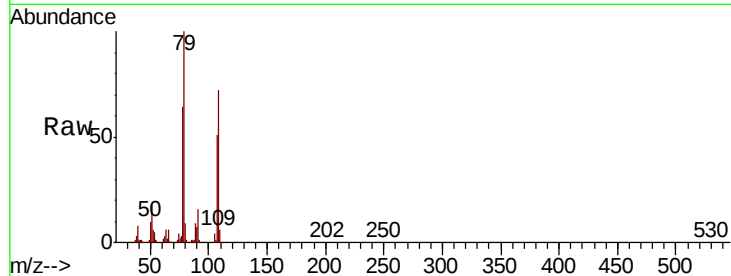
ClientSampleId :

PB128259BS

Tot Ion:	79	Resp:	245105
Ion Ratio	Lower	Upper	
79	100		
108	72.4	52.7	79.1
77	63.7	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.976 ng

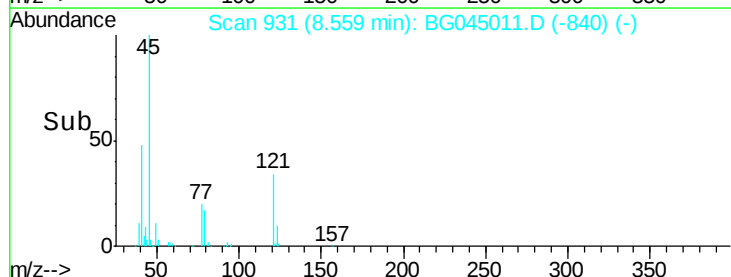
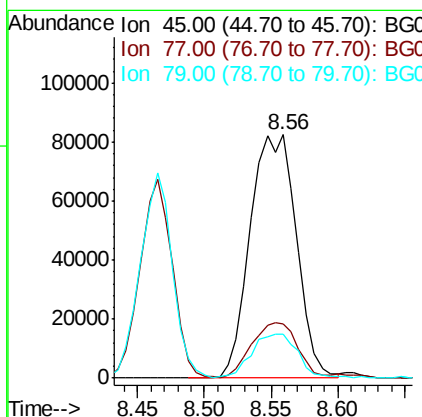
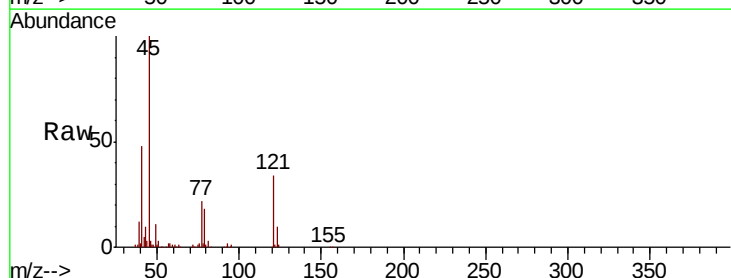
RT: 8.56 min Scan# 931

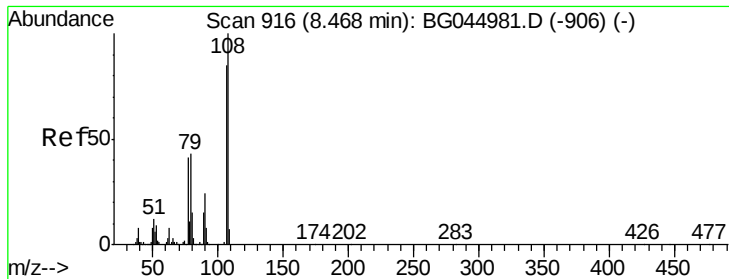
Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	45	Resp:	197940
Ion Ratio	Lower	Upper	
45	100		
77	22.1	1.9	41.9
79	18.0	0.0	35.5





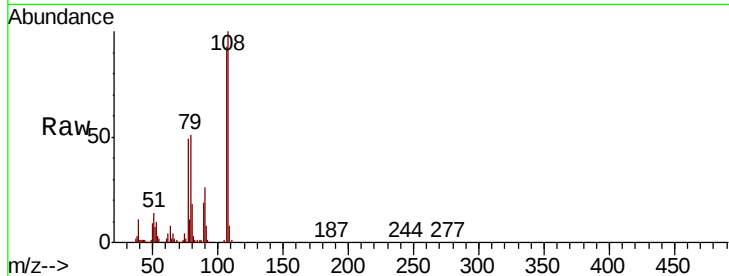
#17
2-Methylphenol
Concen: 48.164 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	93.8	140.6	
77	53.2	38.5	57.7	
79	54.9	40.1	60.1	

Manual Integrations
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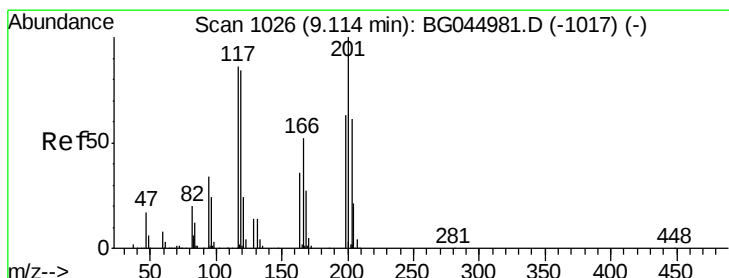
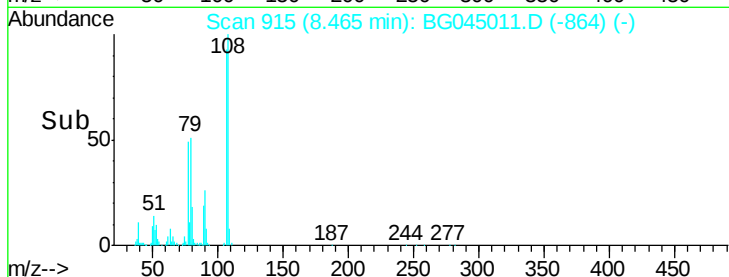
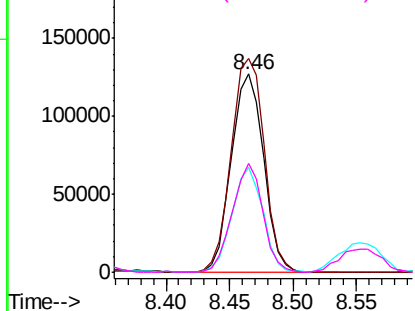
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

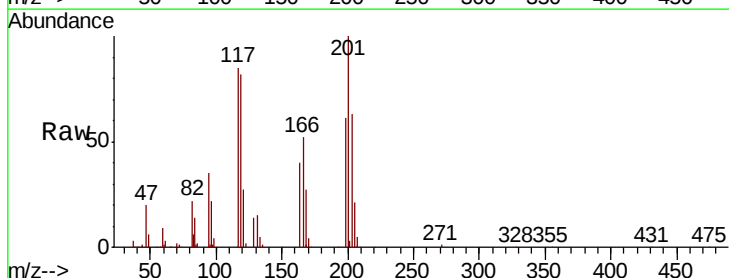
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.785 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	78.3	117.5	
201	117.5	92.9	139.3	

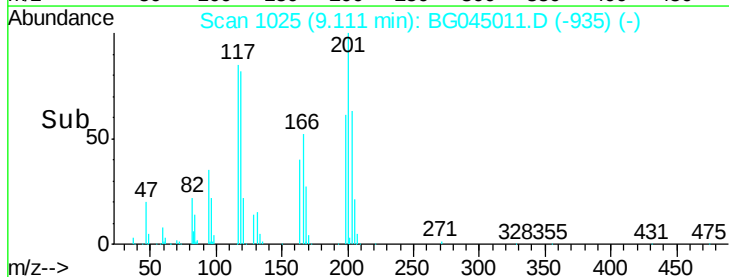
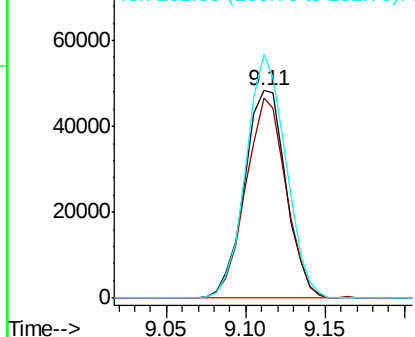


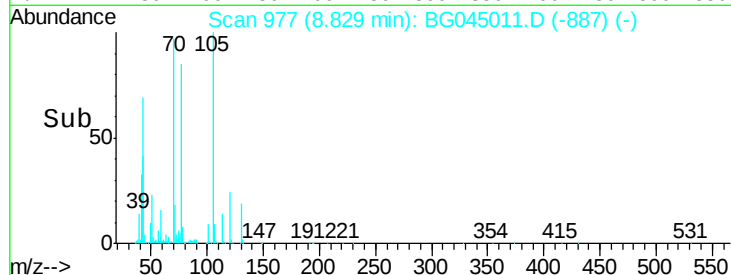
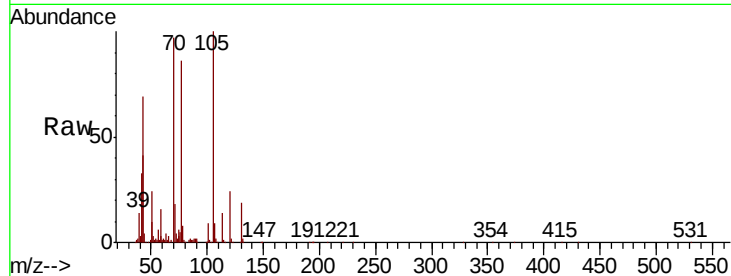
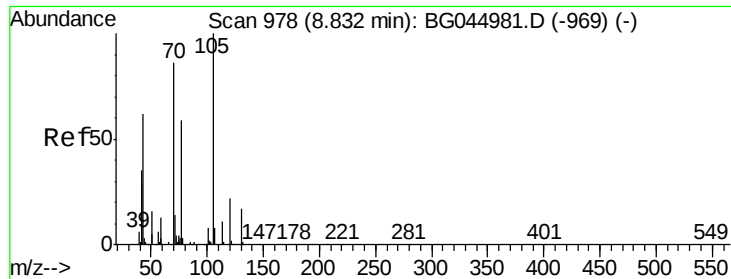
Abundance

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





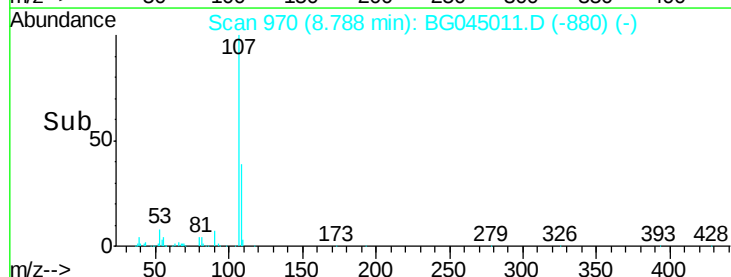
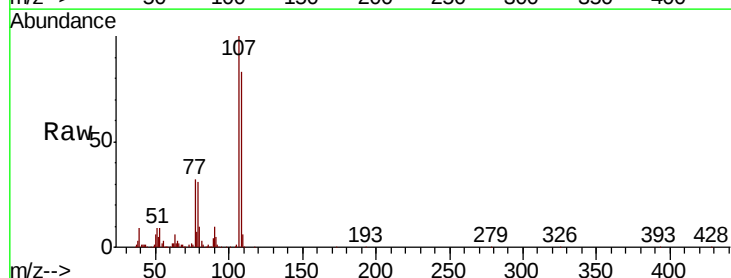
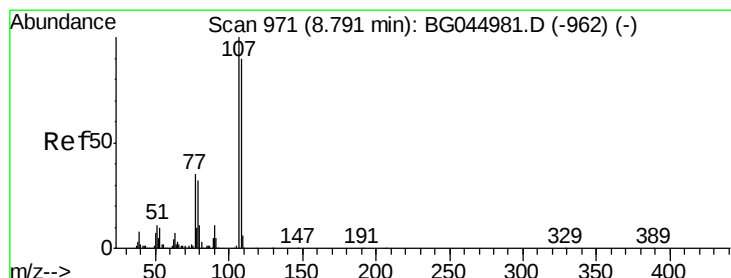
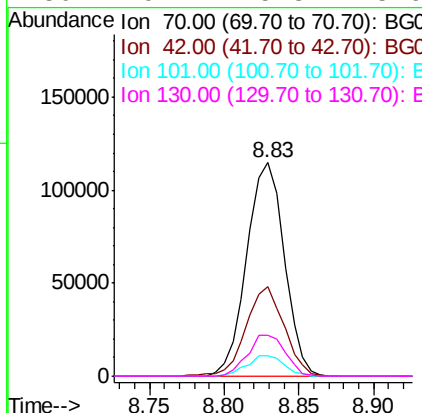
#19
n-Nitroso-di-n-propylamine
Concen: 46.907 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	42.0	33.3	49.9		
101	9.8	7.8	11.8		
130	19.4	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
PB128259BS

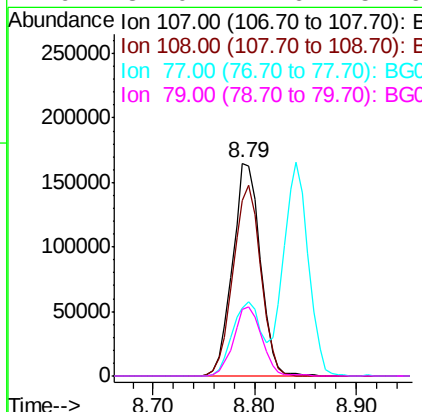
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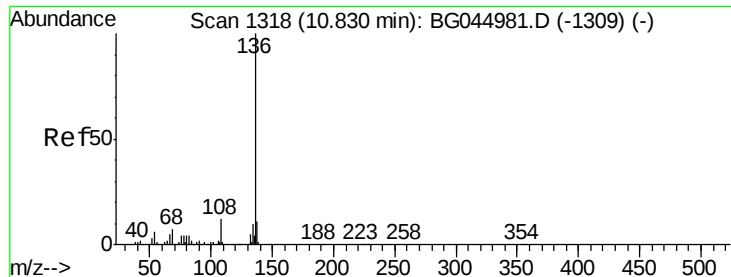
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#20
3+4-Methylphenols
Concen: 48.166 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	82.5	69.9	109.9		
77	32.1	15.2	55.2		
79	31.0	11.6	51.6		





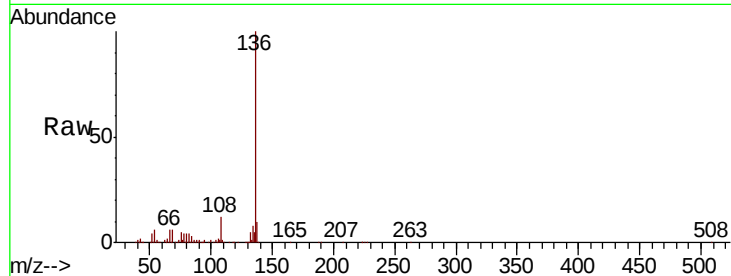
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

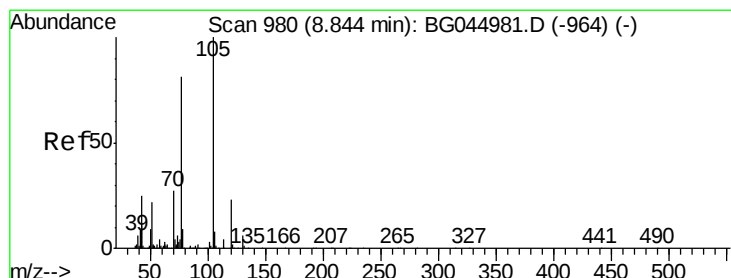
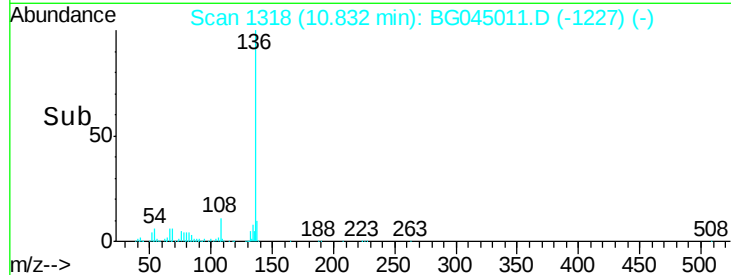
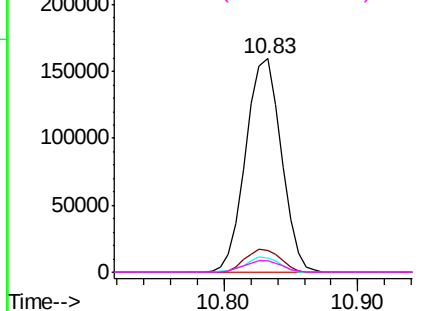
Tot Ion	Ratio	Resp	Lower	Upper
136	100	294876		
137	10.4		8.6	13.0
54	6.4		4.8	7.2
68	5.6		5.2	7.8

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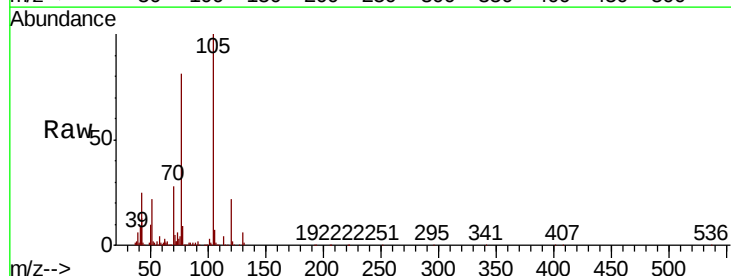


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

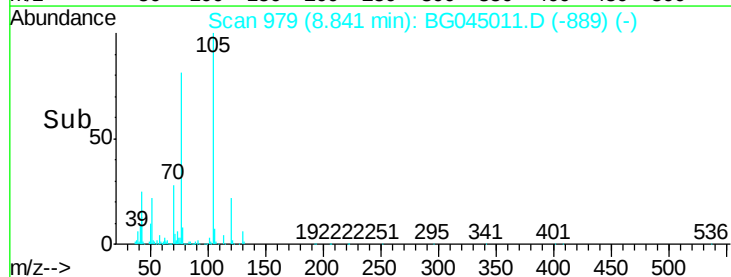
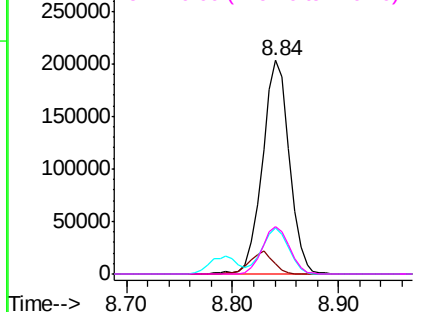


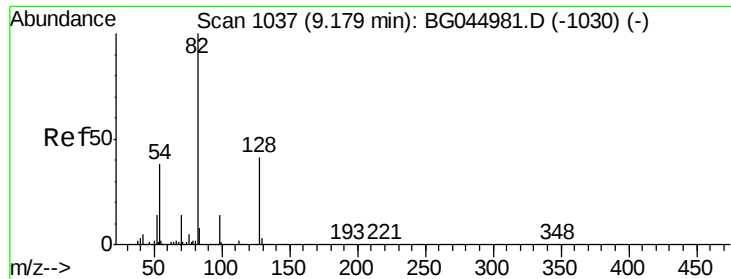
#22
Acetophenone
Concen: 45.047 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	359216		
71	4.9		3.3	4.9
51	21.9		17.3	25.9
120	22.1		18.4	27.6



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





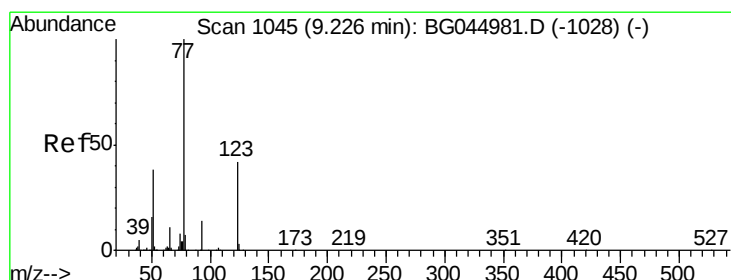
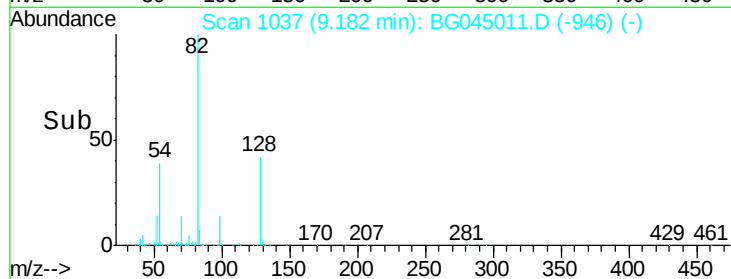
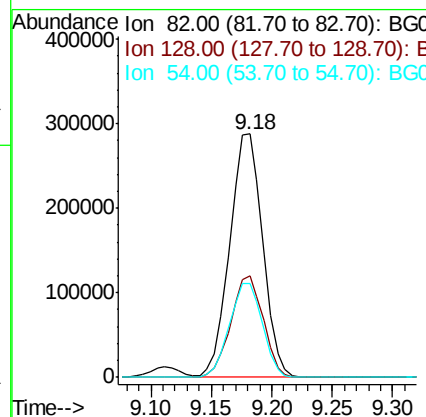
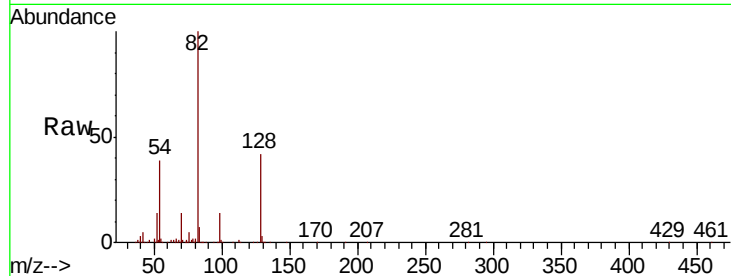
#23
 Nitrobenzene-d5
 Concen: 84.573 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	33.0	49.4	
54	38.6	30.4	45.6	

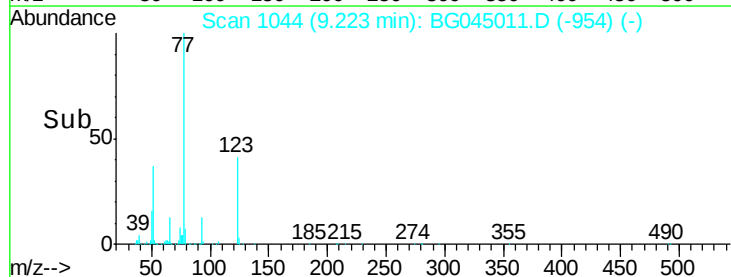
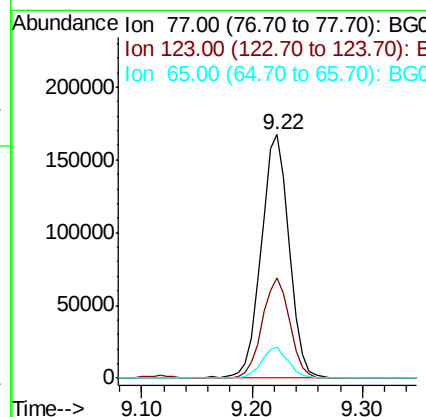
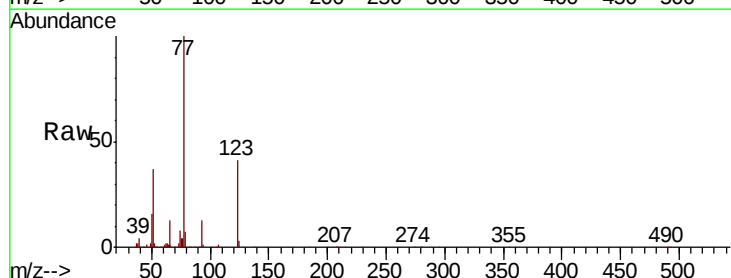
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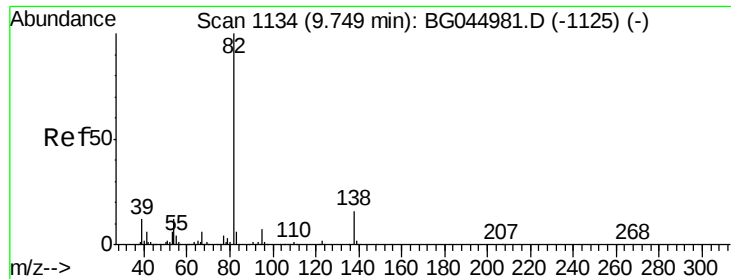
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#24
 Nitrobenzene
 Concen: 44.709 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.0	34.3	51.5	
65	13.0	8.9	13.3	





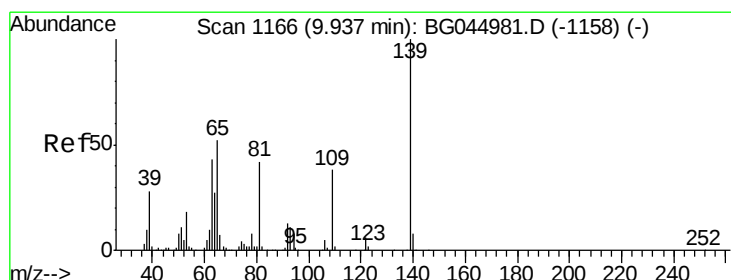
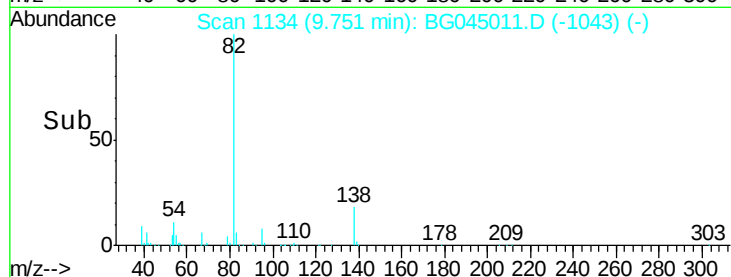
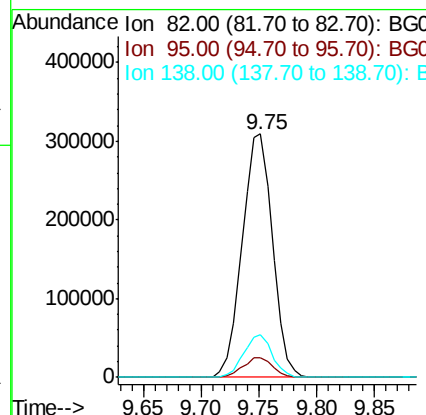
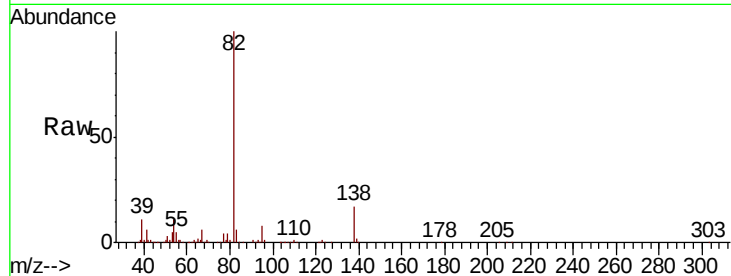
#25
Isophorone
Concen: 42.543 ng
RT: 9.75 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	6.0	9.0	
138	17.4	12.7	19.1	

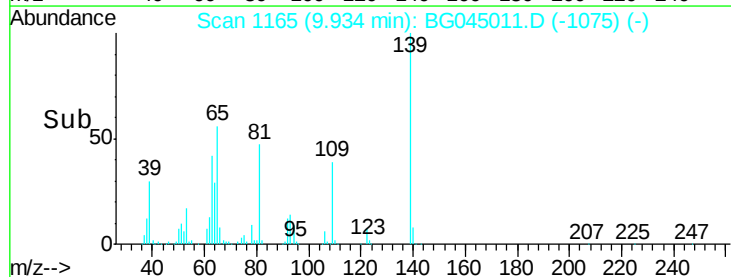
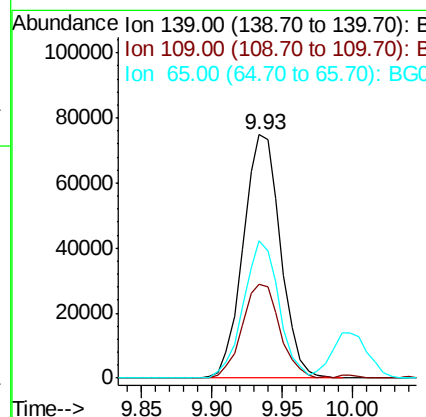
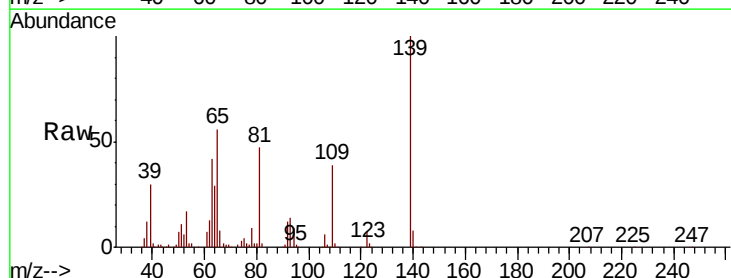
Manual Integrations
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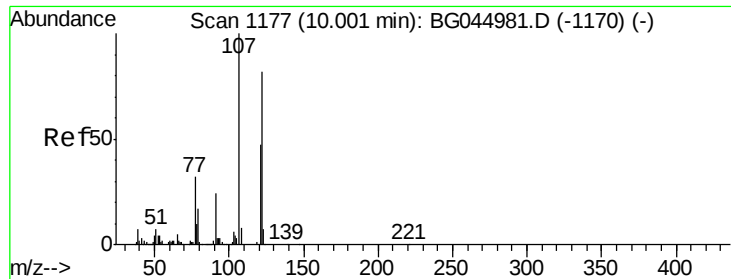
mohammad
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#26
2-Nitrophenol
Concen: 48.361 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.6	30.6	45.8	
65	56.4	41.8	62.6	





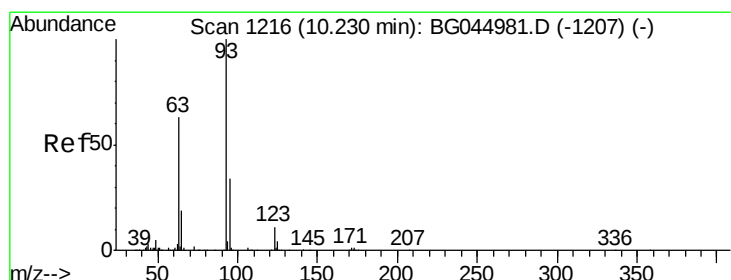
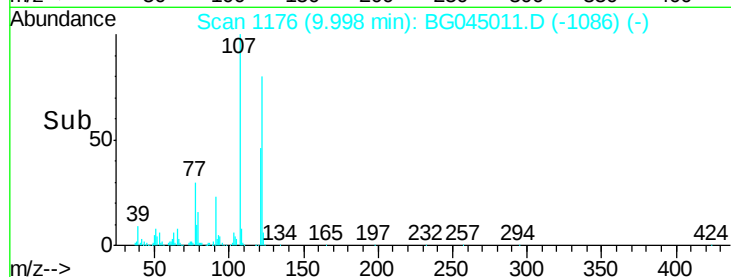
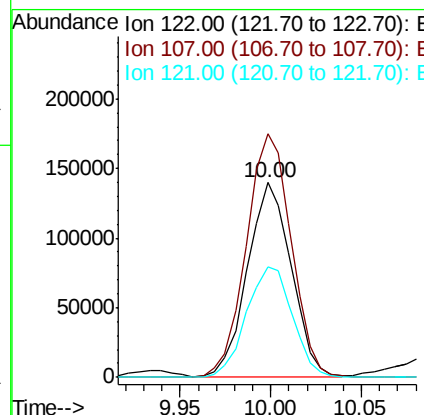
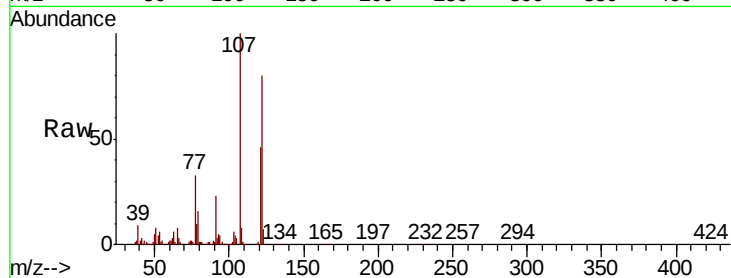
#27
2,4-Dimethylphenol
Concen: 51.935 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	235139		
107	125.1	96.8	145.2	
121	57.1	45.6	68.4	

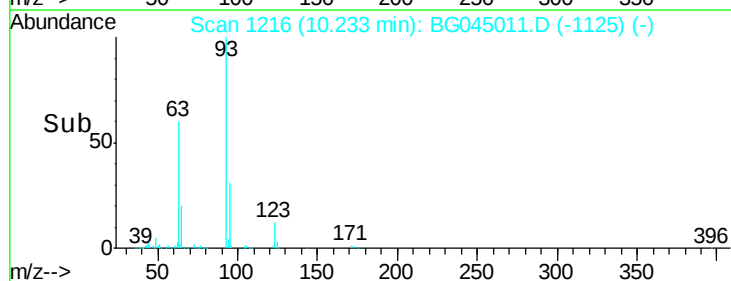
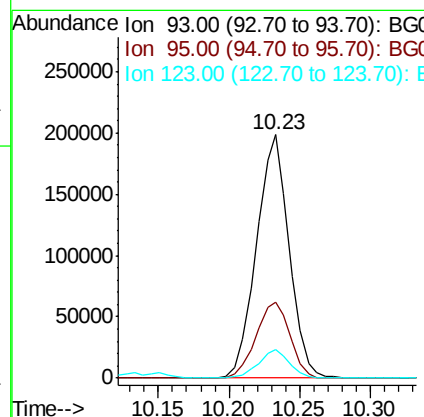
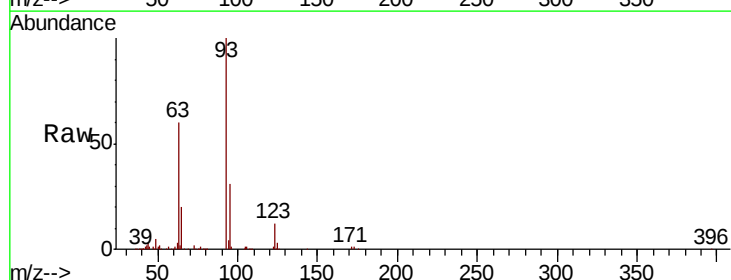
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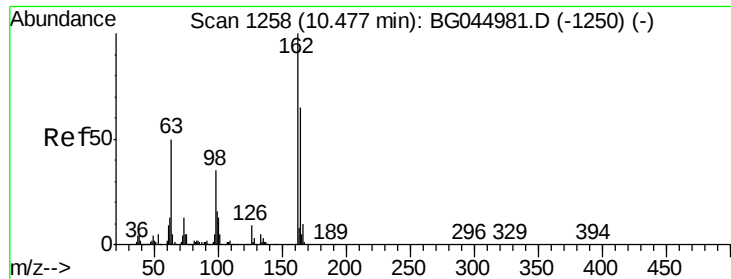
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.231 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	321466		
95	31.4	27.0	40.4	
123	11.7	8.7	13.1	





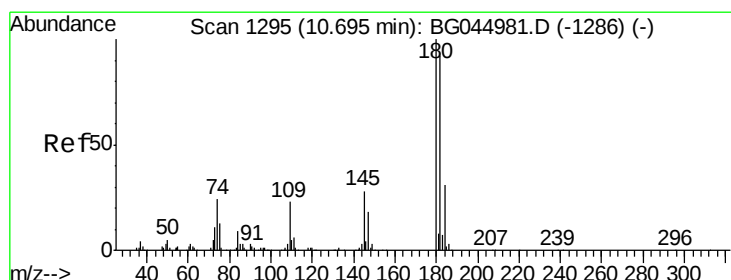
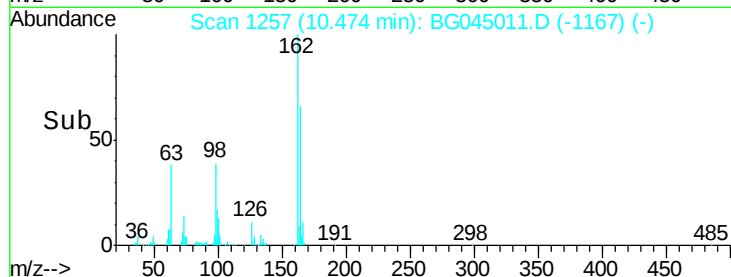
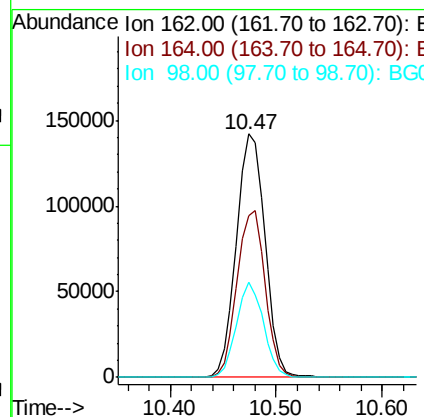
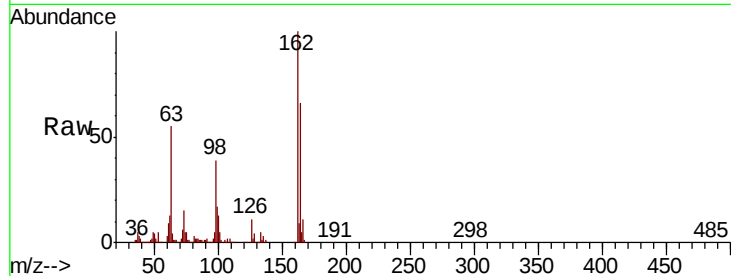
#29
2,4-Dichlorophenol
Concen: 50.893 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266060		
164	66.2	45.0	85.0	
98	38.9	15.2	55.2	

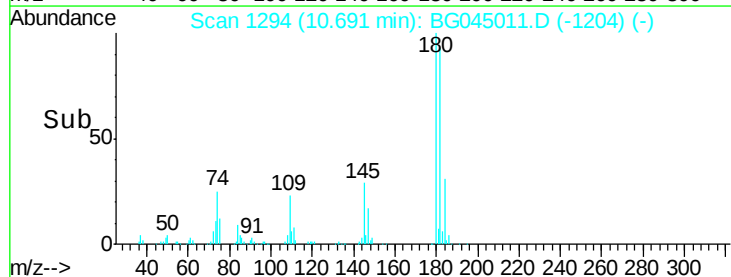
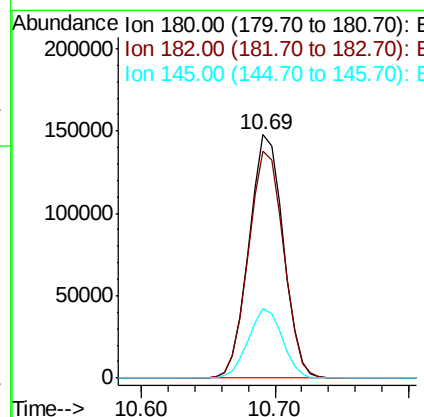
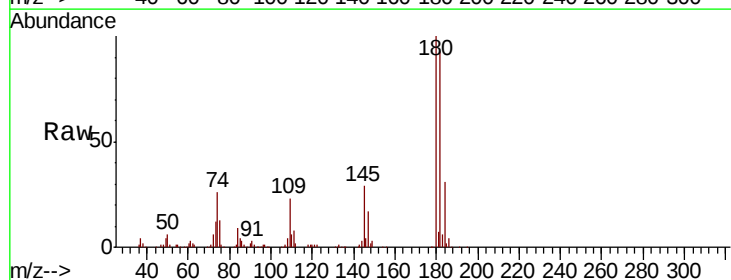
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#30
1,2,4-Trichlorobenzene
Concen: 44.138 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261253		
182	93.0	73.3	109.9	
145	28.7	22.6	33.8	





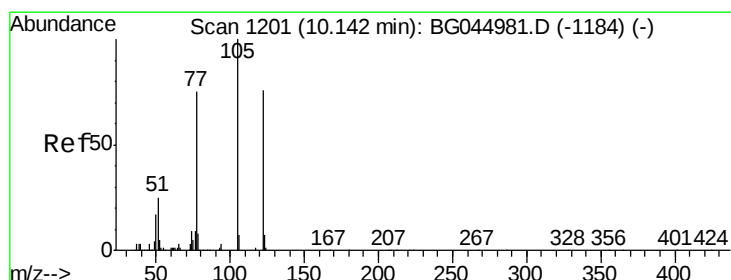
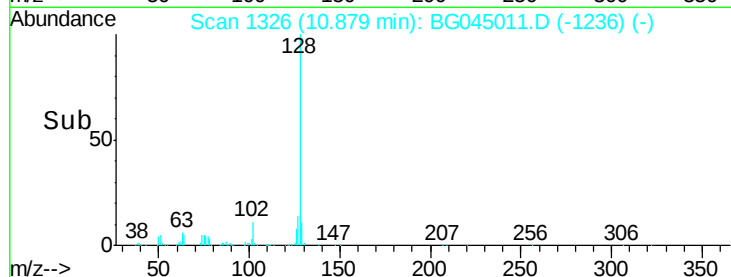
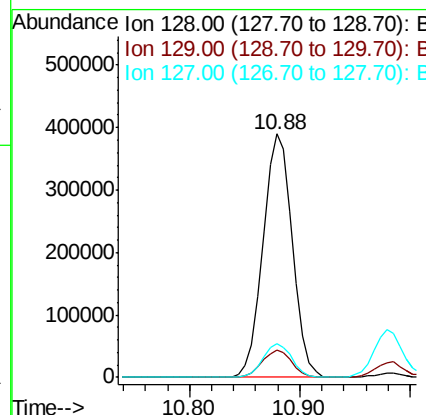
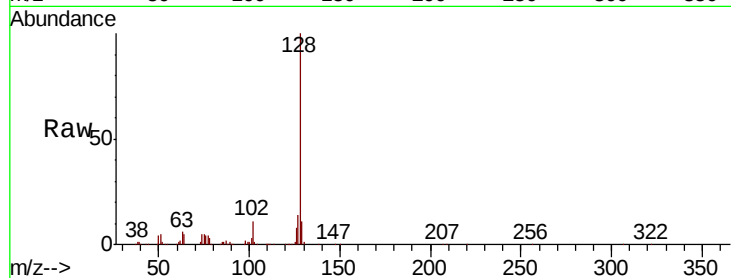
#31
Naphthalene
Concen: 44.886 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	14.0	10.8	16.2

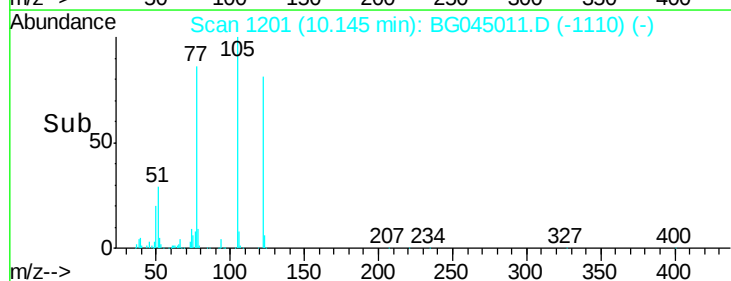
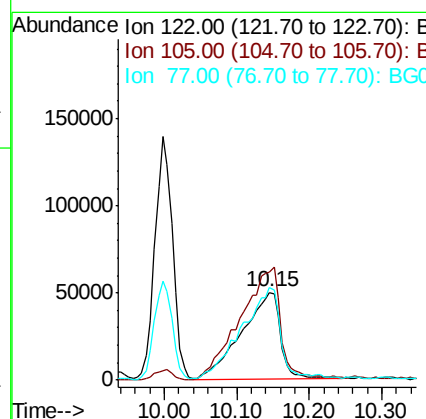
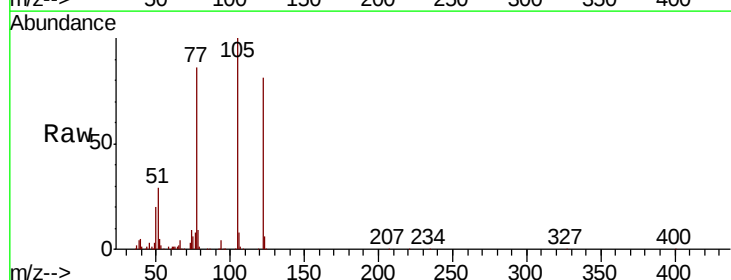
Manual Integrations
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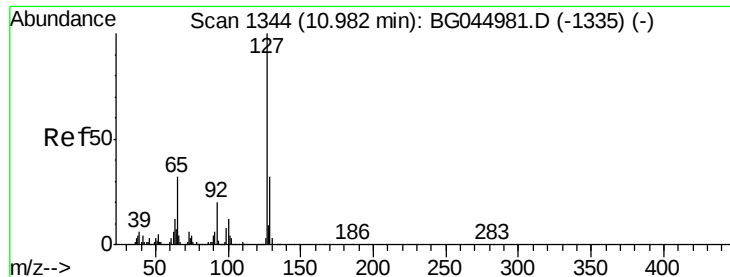
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#32
Benzoic acid
Concen: 50.621 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	108.4	148.4
77	105.6	78.8	118.8





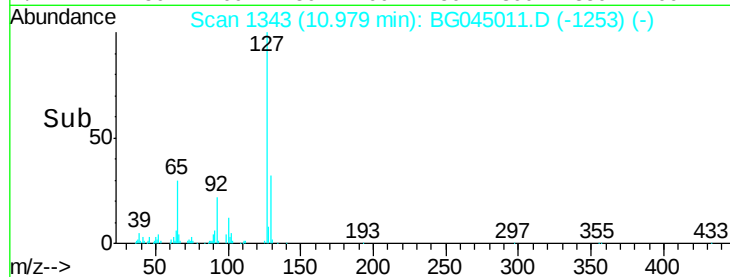
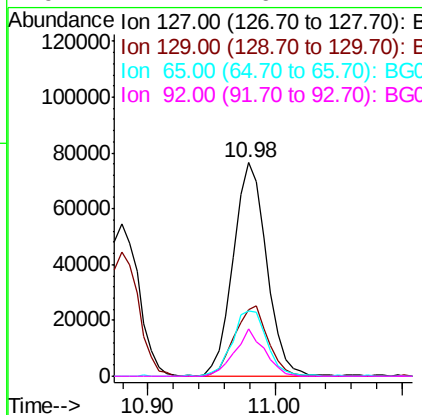
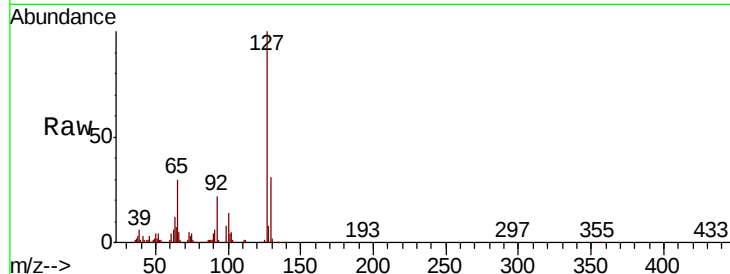
#33
4-Chloroaniline
Concen: 18.613 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	25.7	38.5	
65	30.4	25.4	38.2	
92	22.1	16.1	24.1	

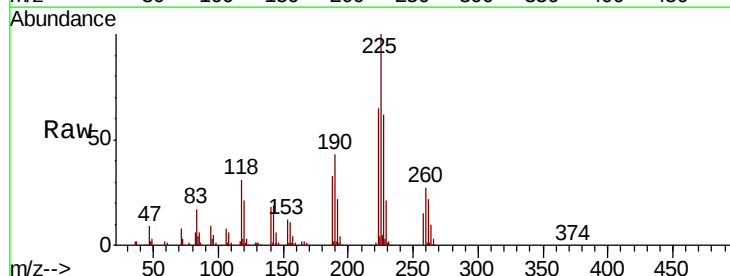
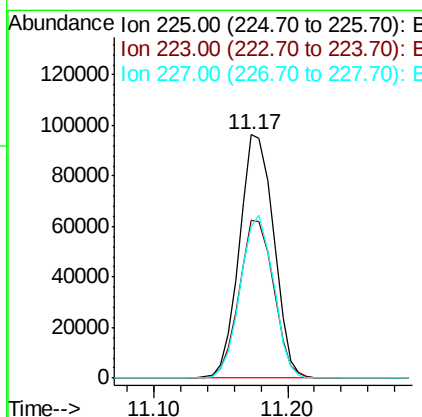
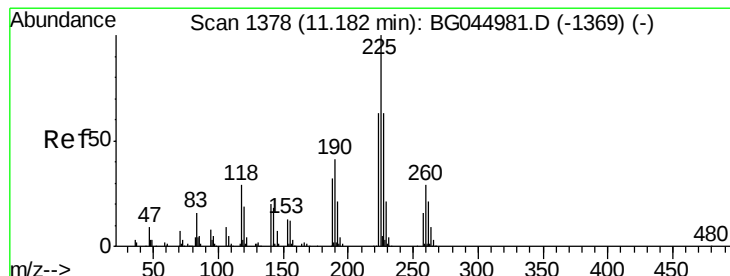
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#34
Hexachlorobutadiene
Concen: 42.234 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	50.7	76.1	
227	62.4	50.2	75.2	





#35

Caprolactam

Concen: 49.643 ng/ml

RT: 11.74 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

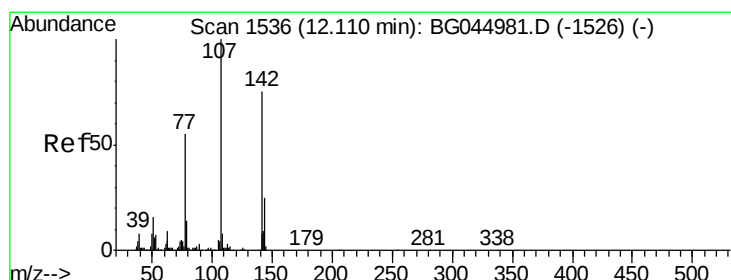
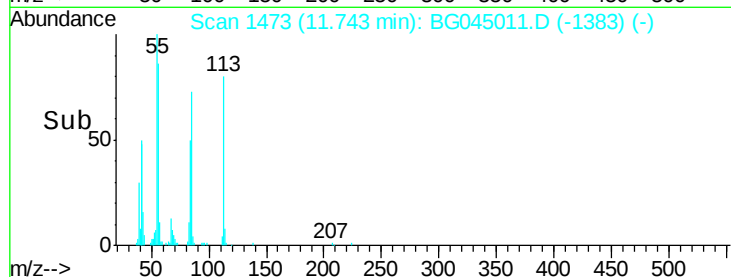
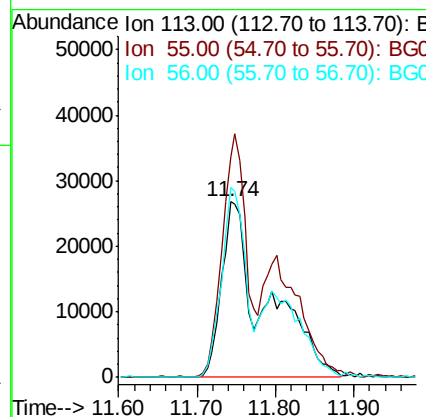
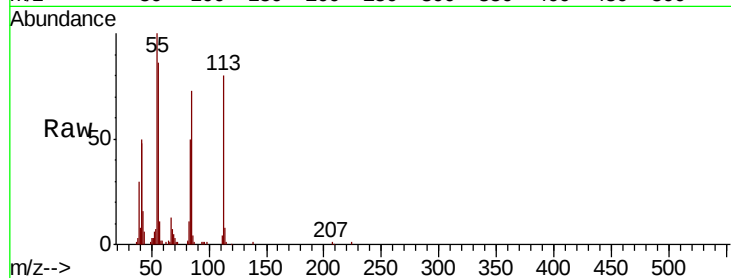
ClientSampleId :

PB128259BS

Tot Ion:	113	Resp:	103290
Ion Ratio	Lower	Upper	
113	100		
55	125.3	118.8	158.8
56	107.8	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 51.962 ng/ml

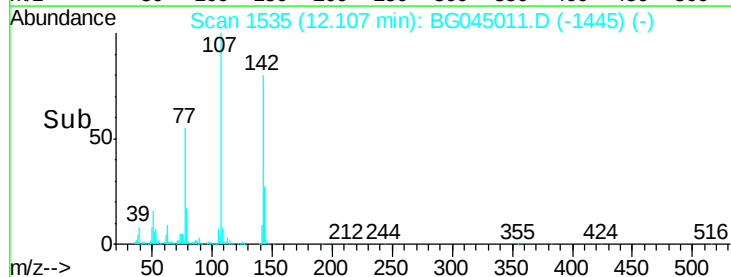
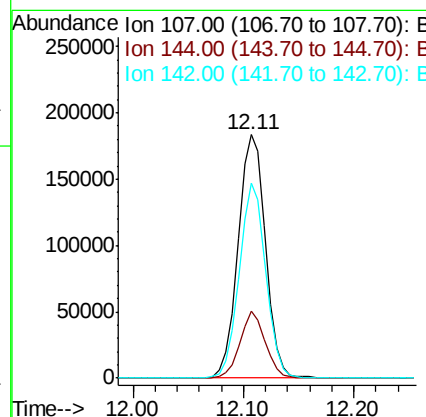
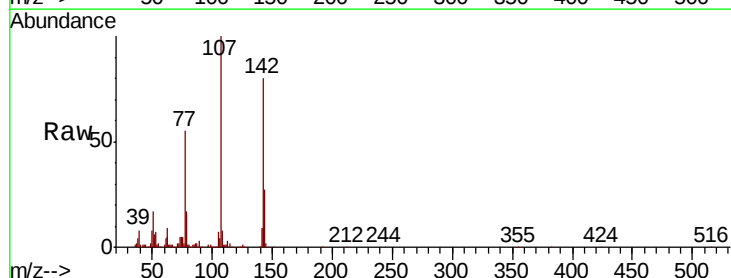
RT: 12.11 min Scan# 1535

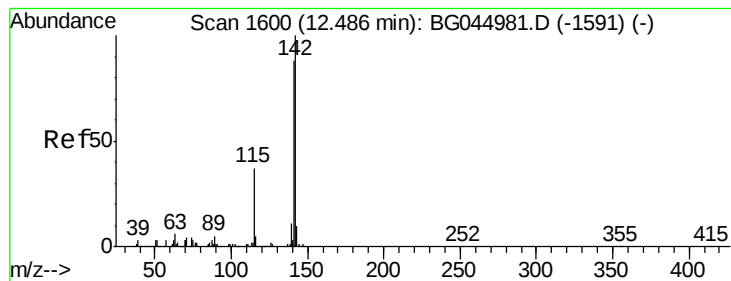
Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	107	Resp:	319119
Ion Ratio	Lower	Upper	
107	100		
144	27.4	19.8	29.6
142	80.3	59.7	89.5





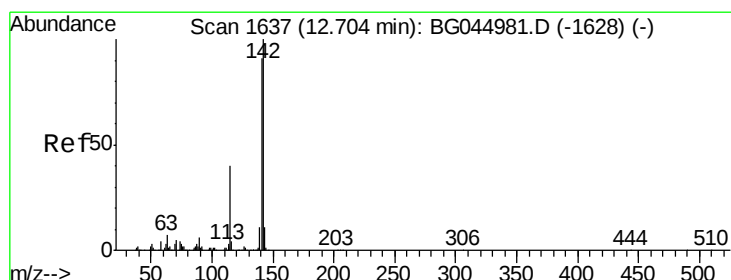
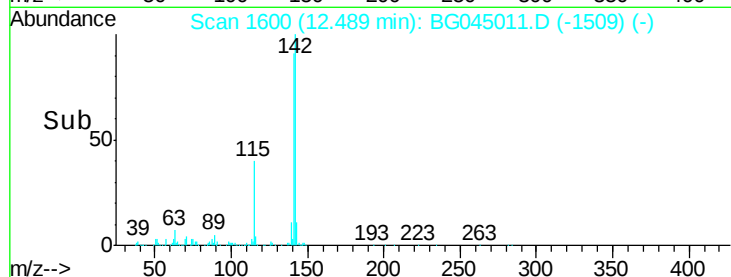
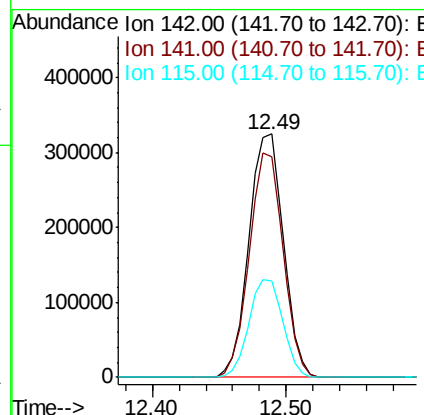
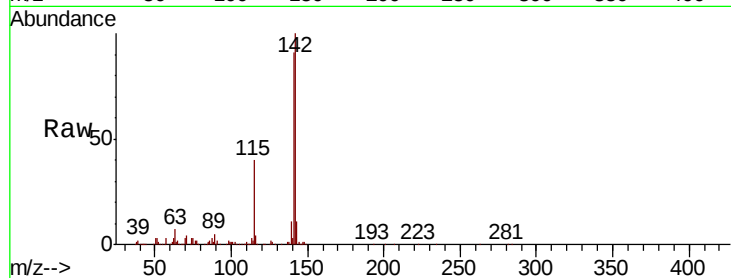
#37
 2-Methylnaphthalene
 Concen: 46.216 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.3	105.5
115	39.5	29.8	44.6

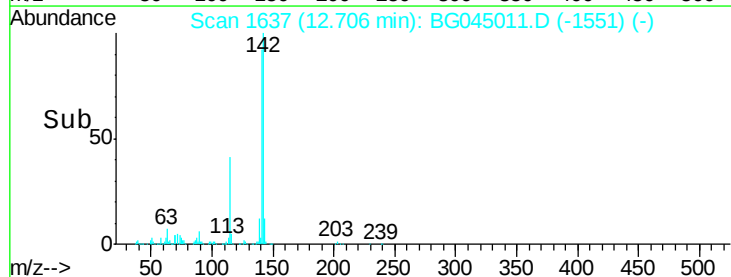
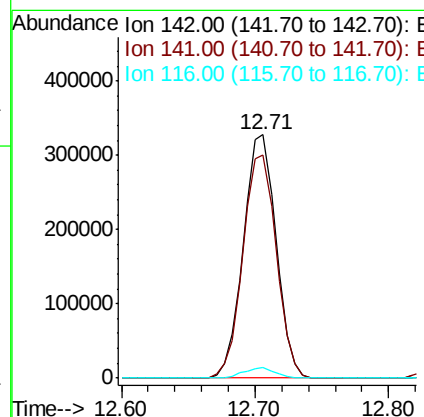
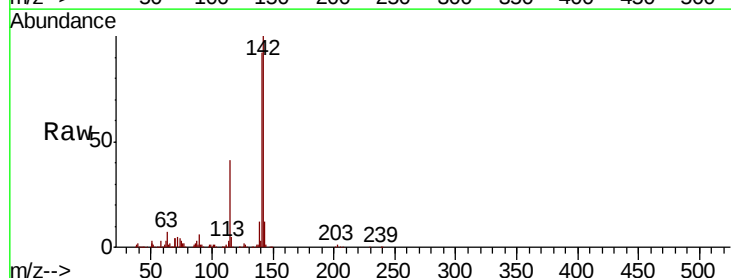
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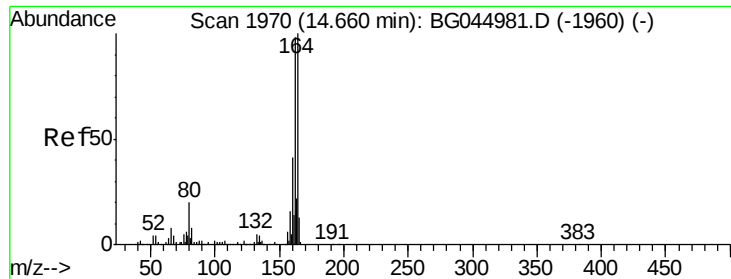
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#38
 1-Methylnaphthalene
 Concen: 47.000 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
116	4.5	3.1	4.7





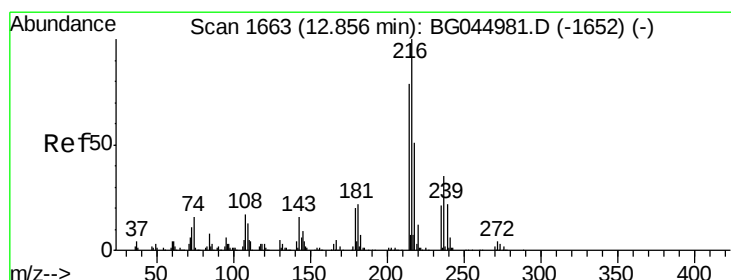
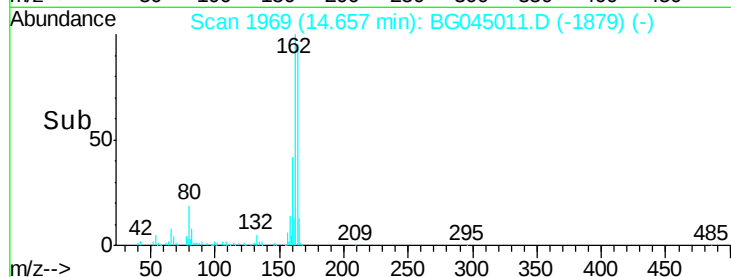
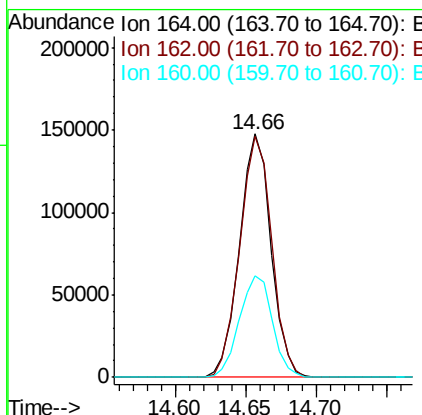
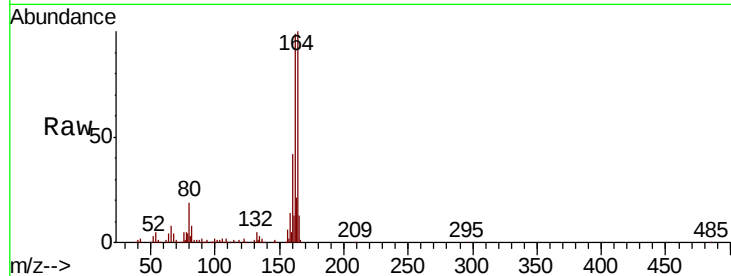
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.7	118.1
160	41.8	32.8	49.2

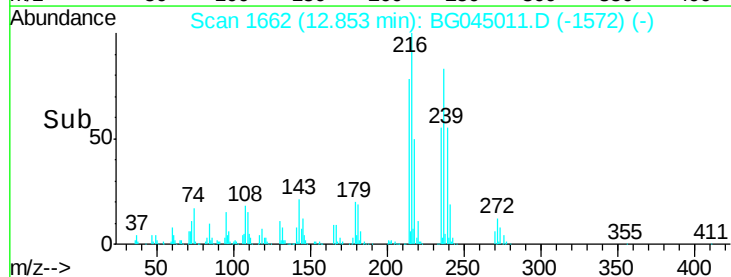
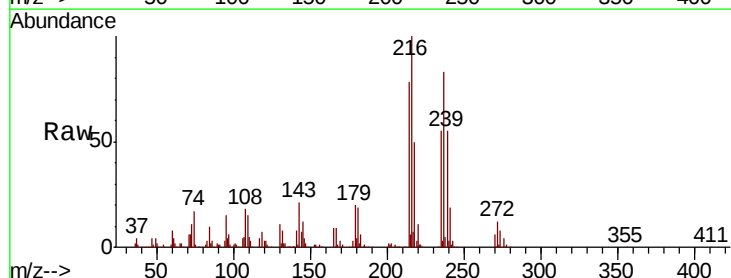
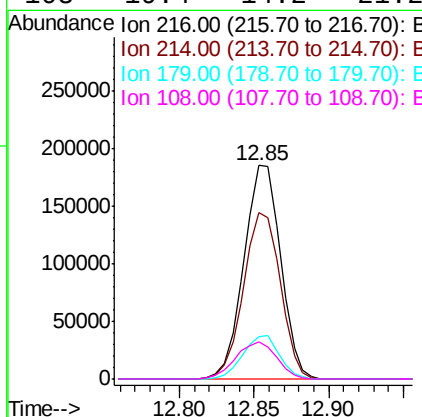
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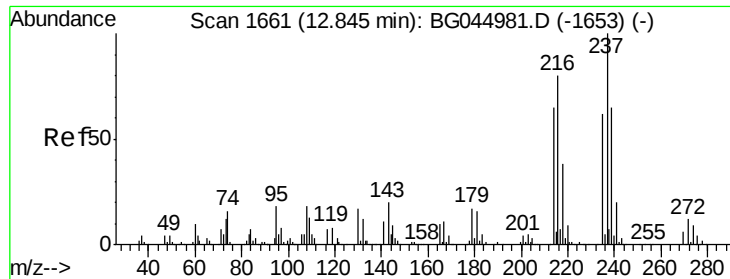
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.537 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	20.4	15.8	23.8
108	19.4	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 93.315 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

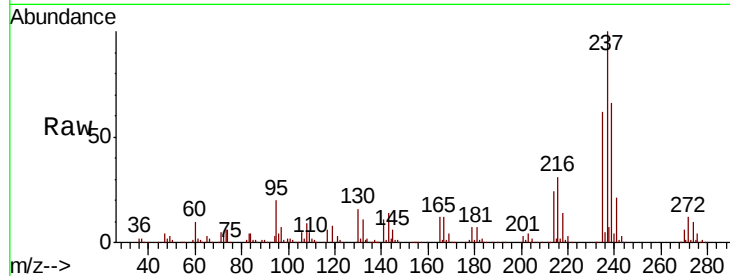
ClientSampleId :

PB128259BS

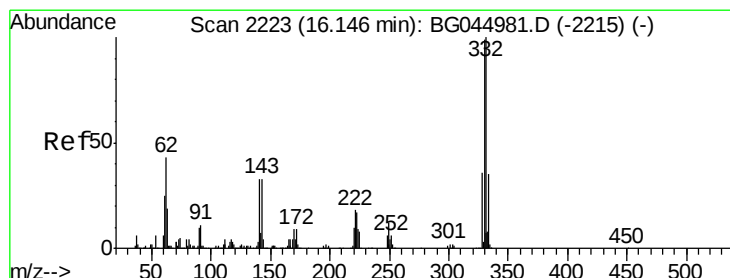
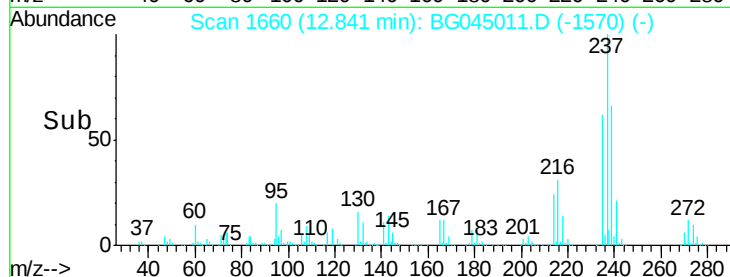
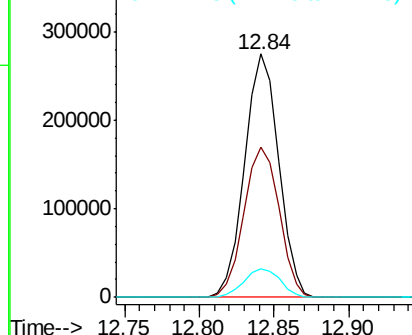
Tot Ion:	237	Resp:	432585
Ion Ratio		Lower	Upper
237	100		
235	61.9	41.6	81.6
272	11.6	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 134.035 ng

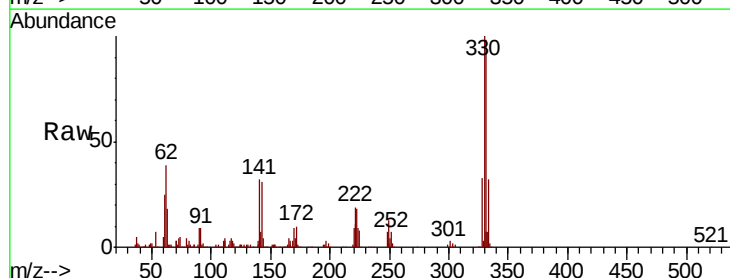
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

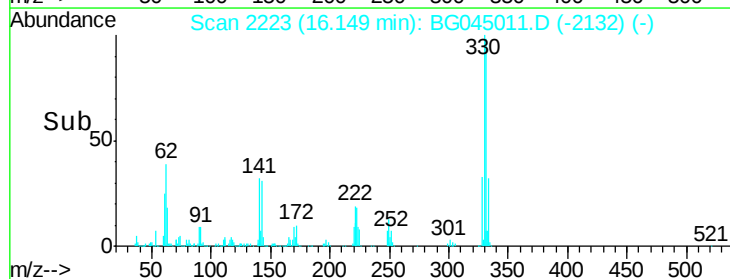
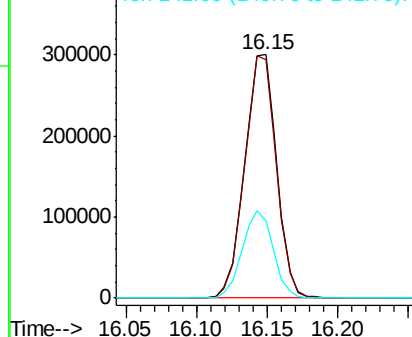
Lab File: BG045011.D

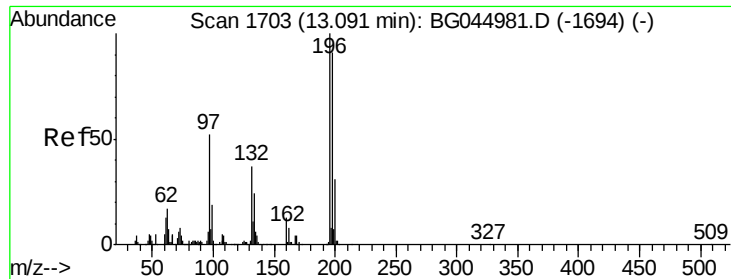
Acq: 16 Apr 2020 18:11

Tgt Ion:	330	Resp:	477000
Ion Ratio		Lower	Upper
330	100		
332	98.3	79.1	118.7
141	34.8	27.1	40.7



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





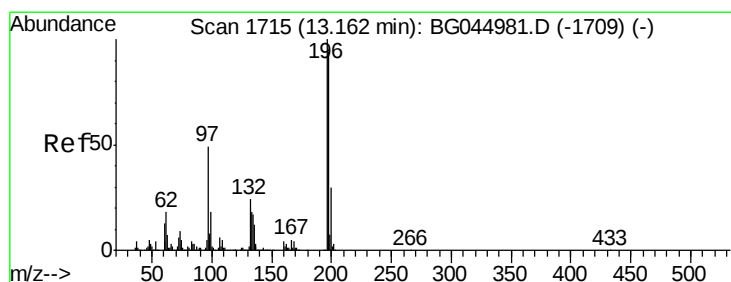
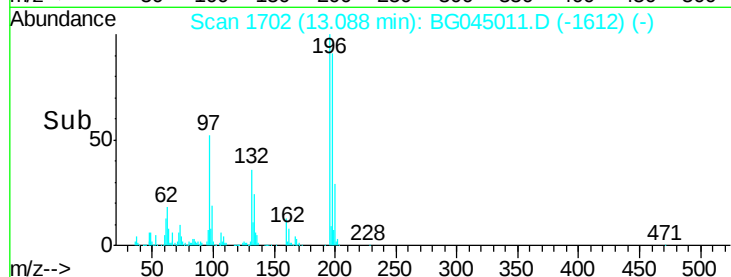
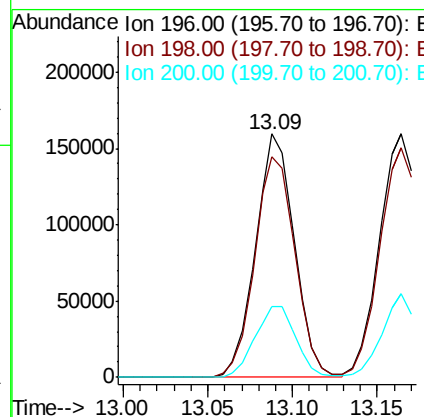
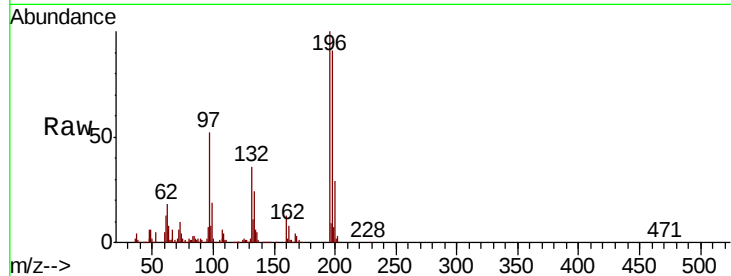
#43
 2,4,6-Trichlorophenol
 Concen: 48.726 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255061		
198	90.8	72.5	108.7	
200	29.1	24.5	36.7	

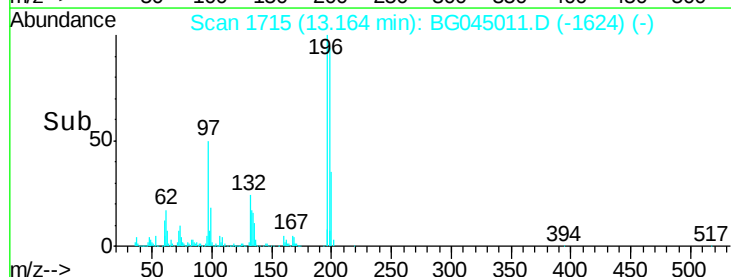
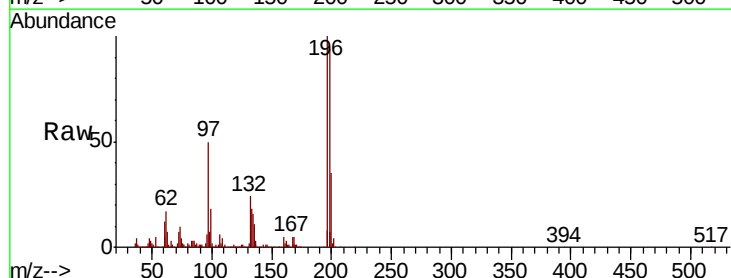
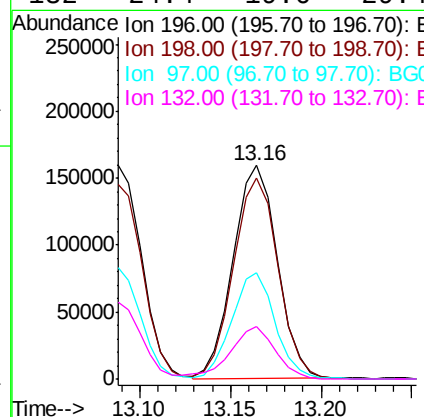
Manual Integrations
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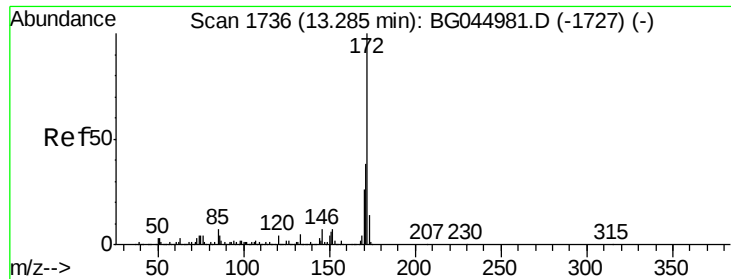
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.169 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269133		
198	94.2	75.7	113.5	
97	50.0	39.6	59.4	
132	24.4	19.6	29.4	





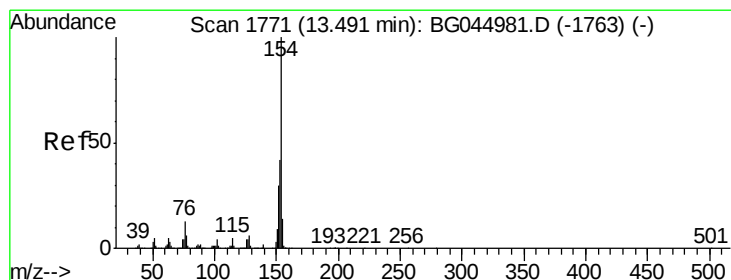
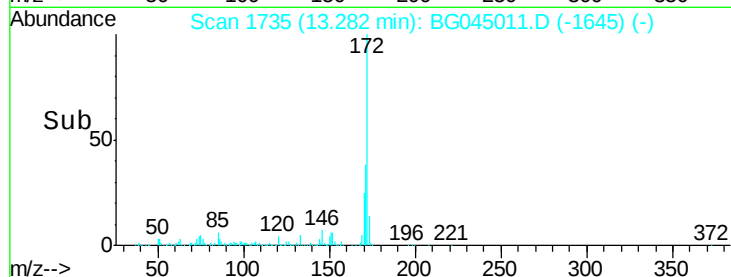
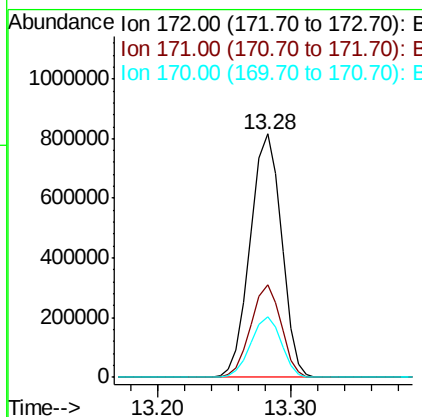
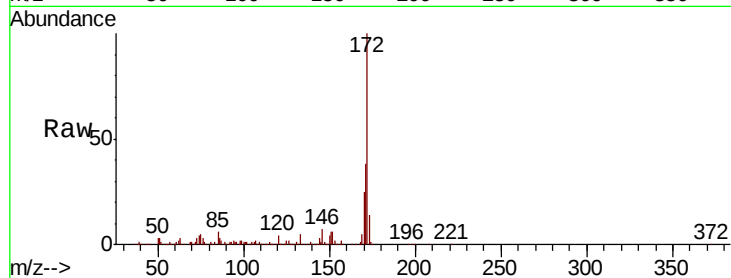
#45
2-Fluorobiphenyl
Concen: 84.030 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.7	20.5	30.7

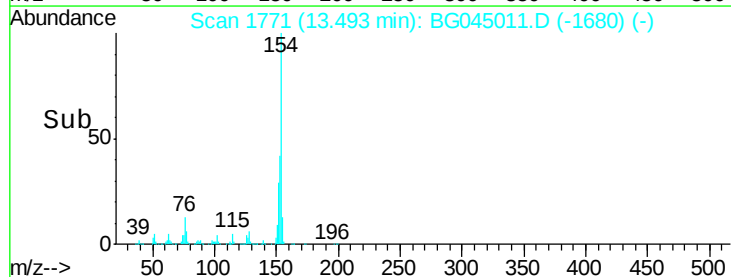
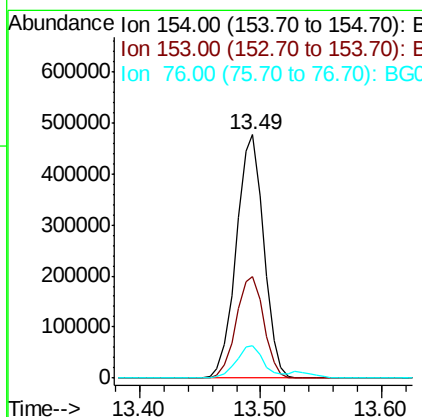
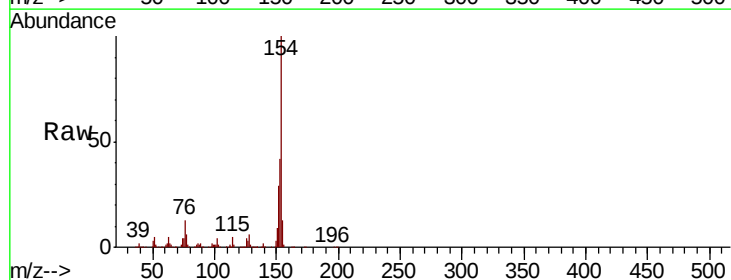
Manual Integrations
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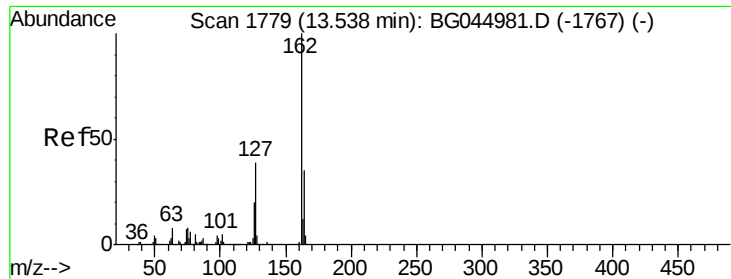
mohammad
4/17/2020 1:51:38 PM



#46
1,1'-Biphenyl
Concen: 43.026 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	13.4	0.0	33.1





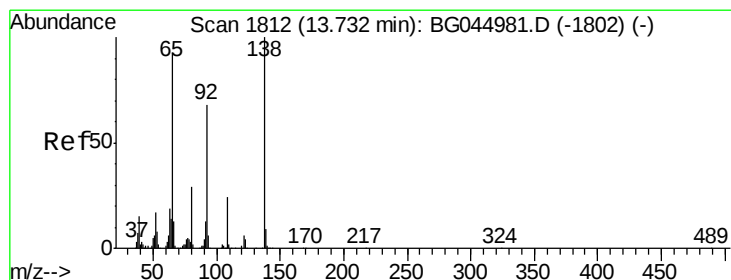
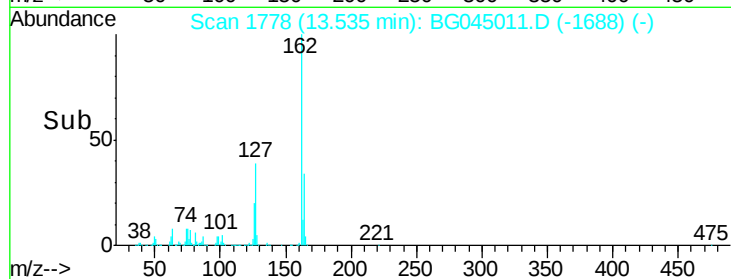
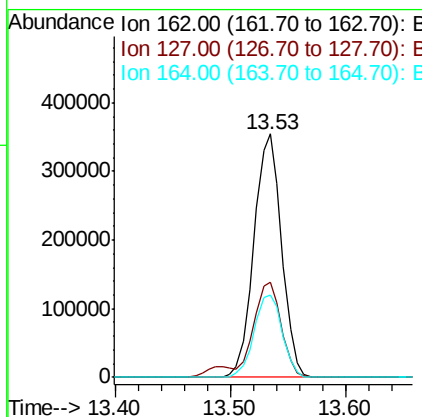
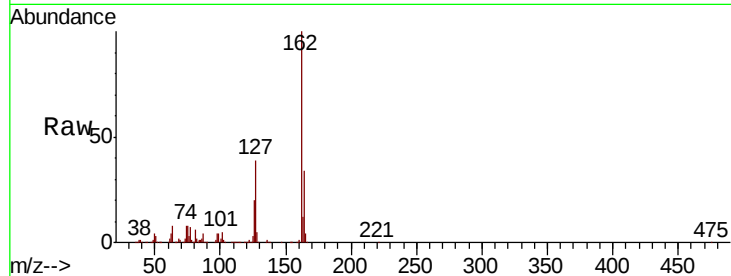
#47
 2-Chloronaphthalene
 Concen: 44.224 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.3	46.9
164	34.0	27.8	41.8

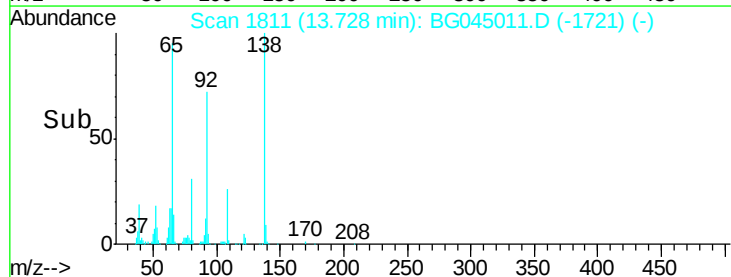
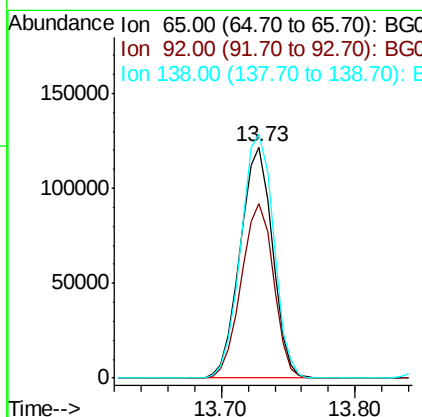
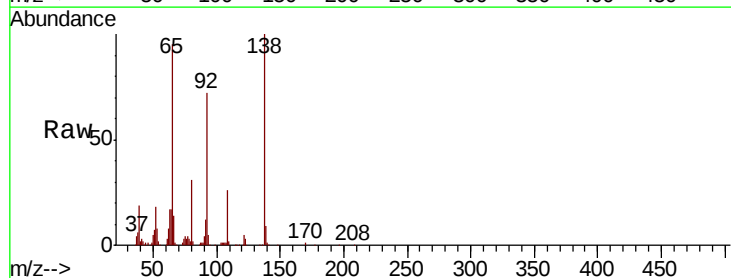
Manual Integrations
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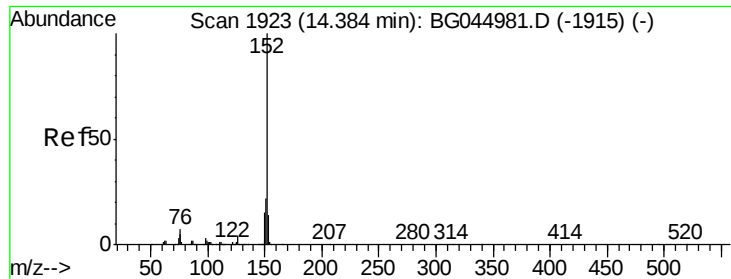
mohammad
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#48
 2-Nitroaniline
 Concen: 46.250 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	58.3	87.5
138	105.2	85.6	128.4





#49

Acenaphthylene

Concen: 45.188 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

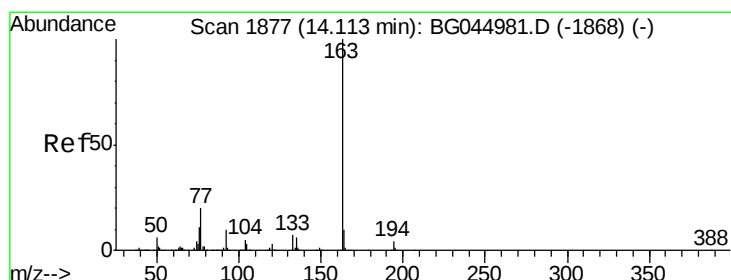
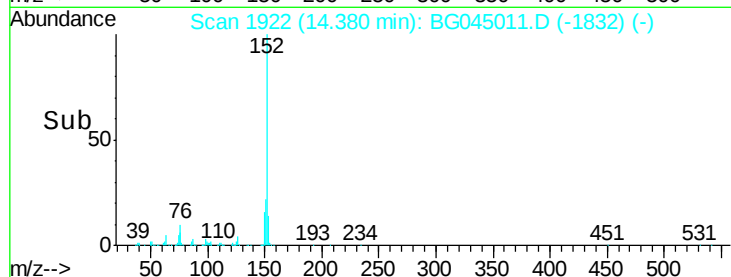
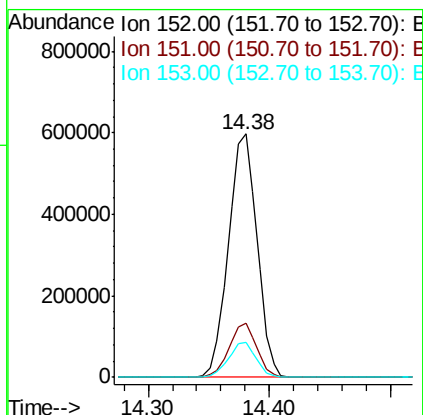
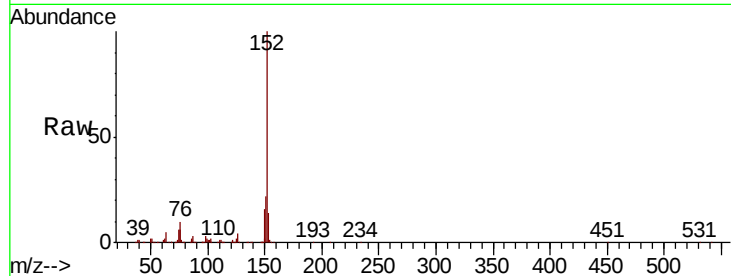
ClientSampleId :

PB128259BS

Tot Ion:	152	Resp:	984731
Ion Ratio	Lower	Upper	
152	100		
151	22.4	17.2	25.8
153	14.3	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.791 ng

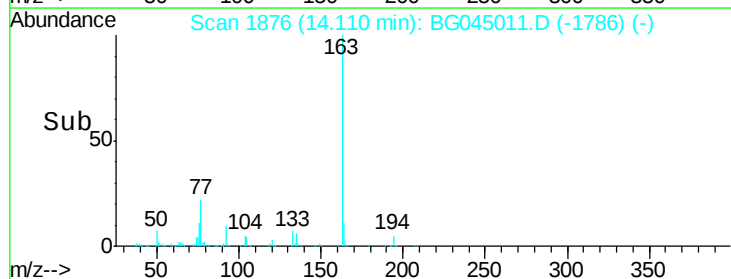
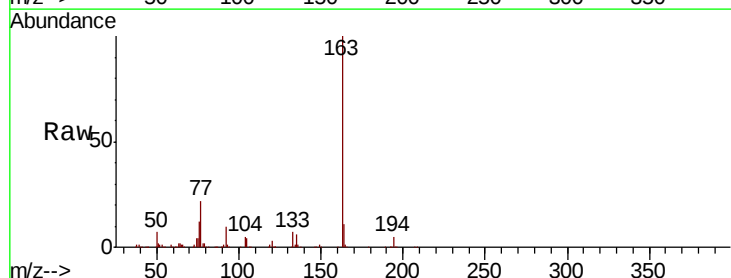
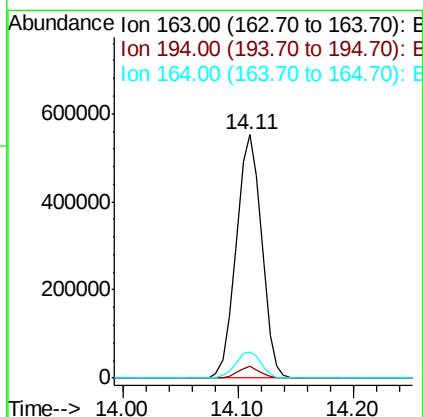
RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	163	Resp:	840136
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.5	5.3
164	10.8	8.2	12.4





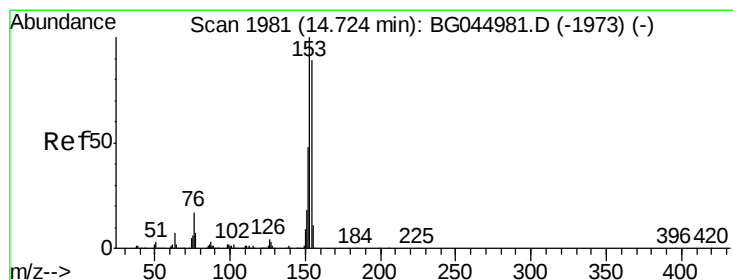
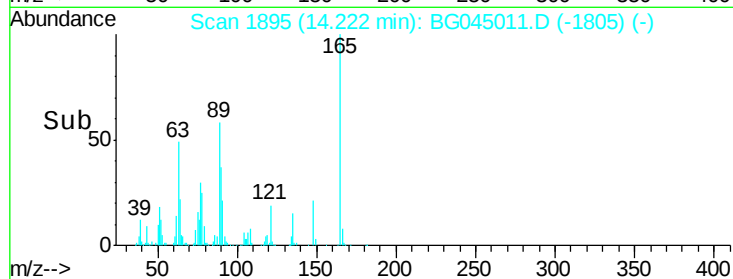
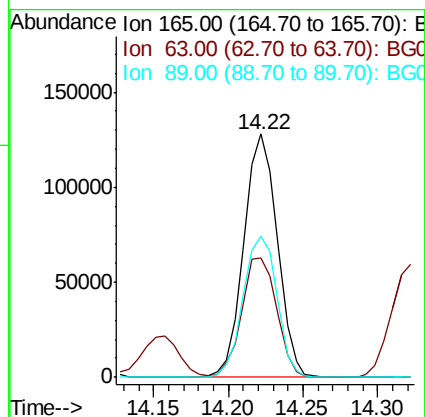
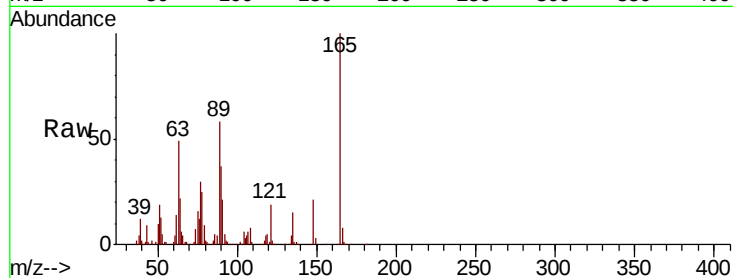
#51
 2,6-Dinitrotoluene
 Concen: 47.319 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.2	40.4	60.6
89	58.0	49.1	73.7

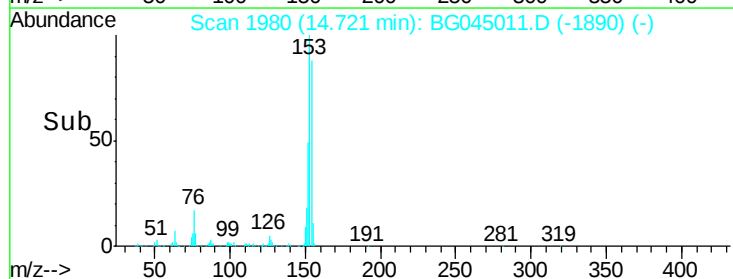
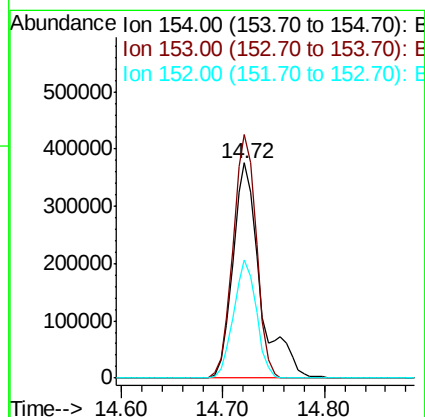
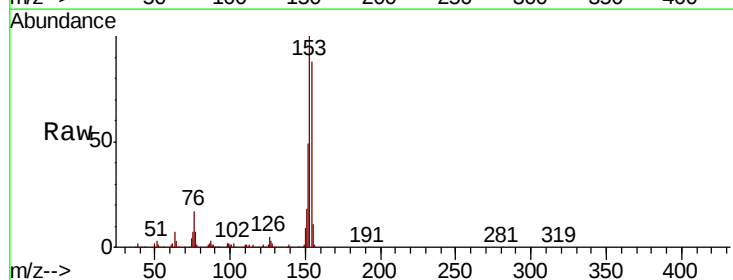
Manual Integrations
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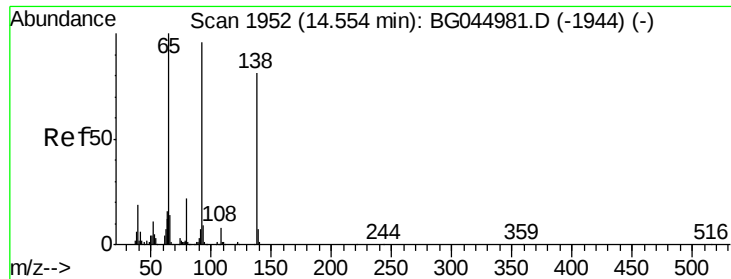
mohammad
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#52
 Acenaphthene
 Concen: 47.792 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	89.7	134.5
152	55.1	43.1	64.7





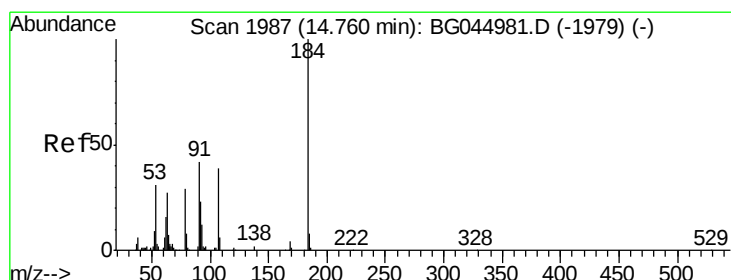
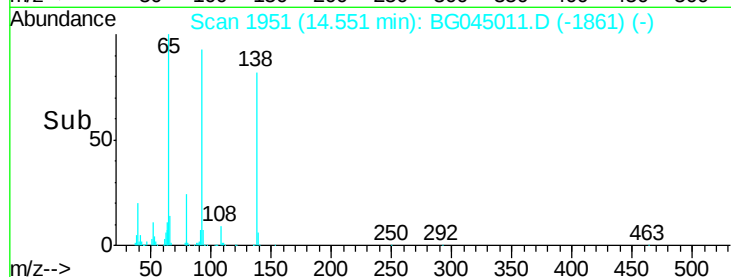
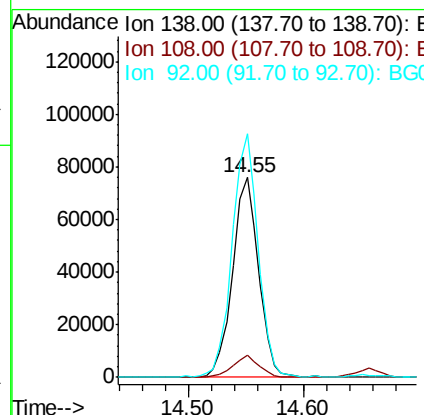
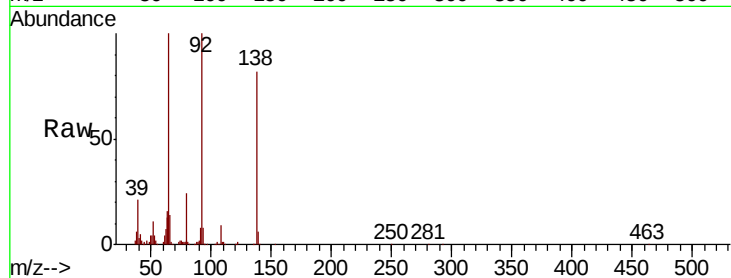
#53
3-Nitroaniline
Concen: 25.794 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.8	11.8
92	122.0	94.5	141.7

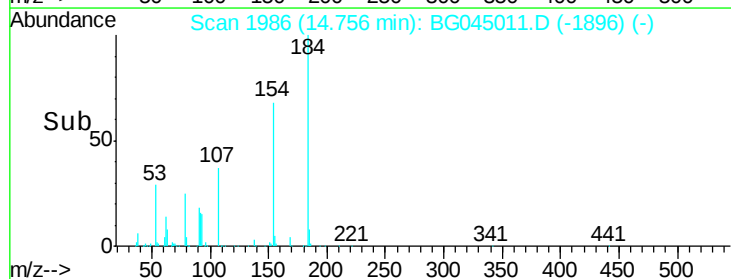
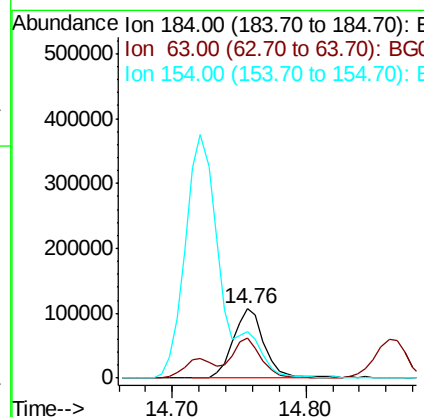
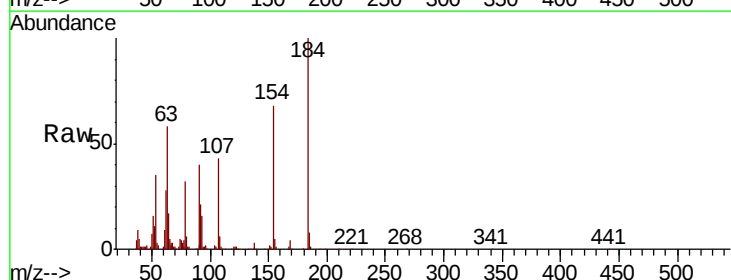
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#54
2,4-Dinitrophenol
Concen: 69.265 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	41.5	62.3
154	67.8	52.3	78.5





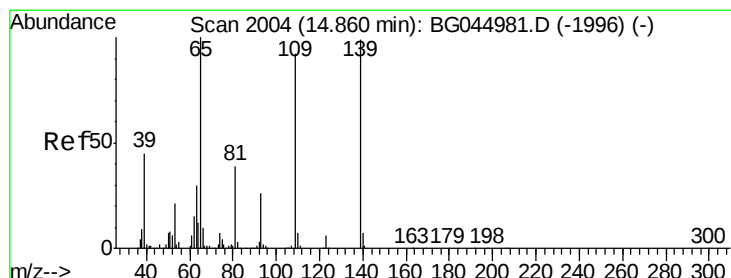
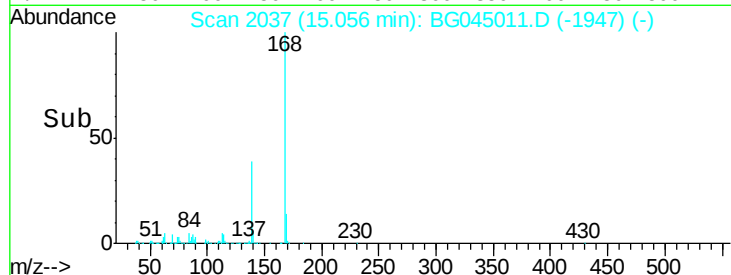
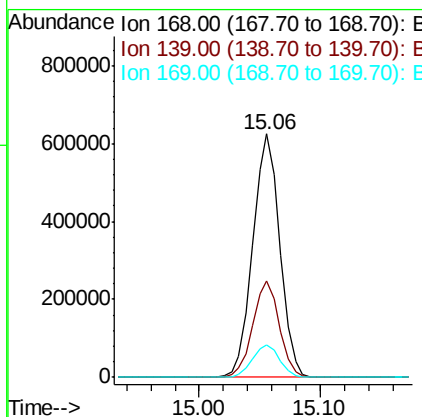
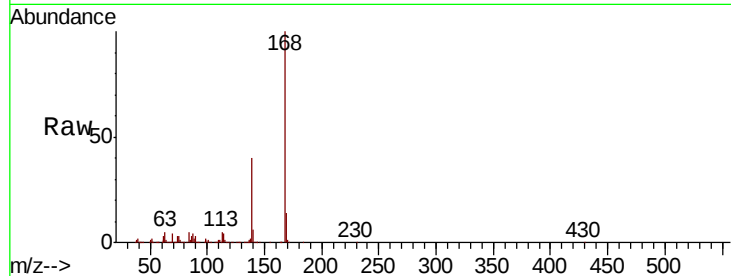
#55
Dibenzenofuran
Concen: 45.063 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.4	45.6
169	13.6	11.0	16.4

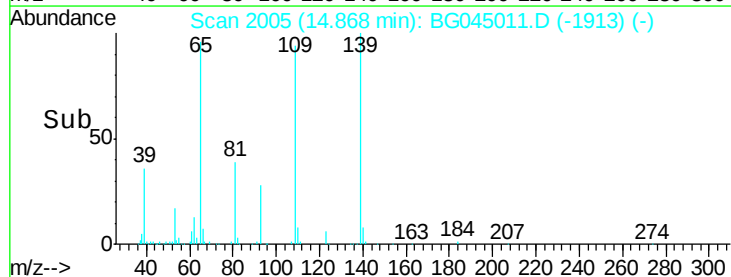
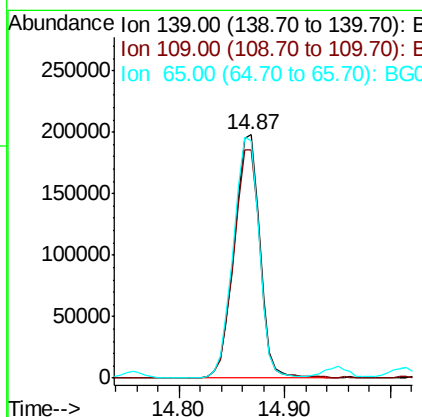
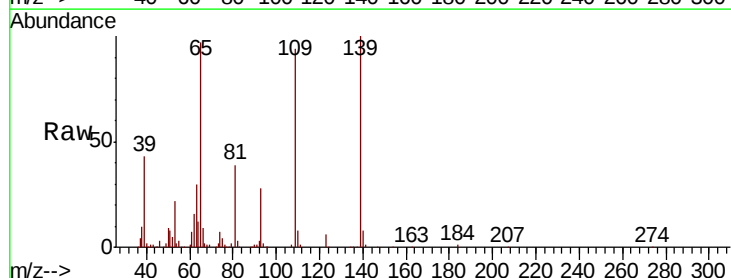
Manual Integrations
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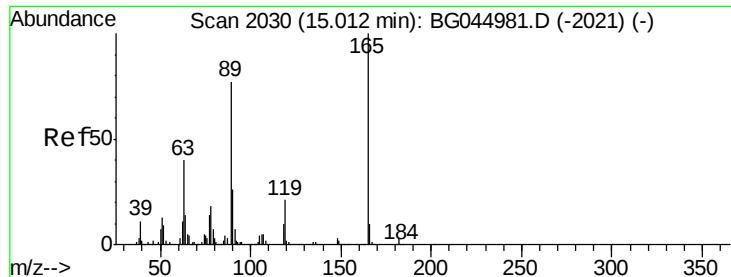
mohammad
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#56
4-Nitrophenol
Concen: 92.919 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.5	73.6	113.6
65	97.3	81.2	121.2





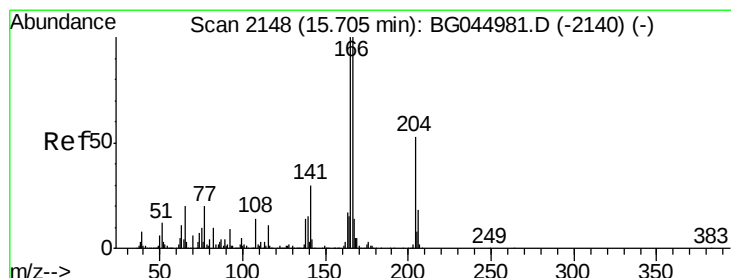
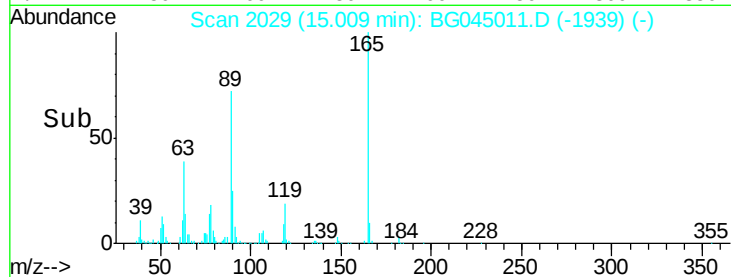
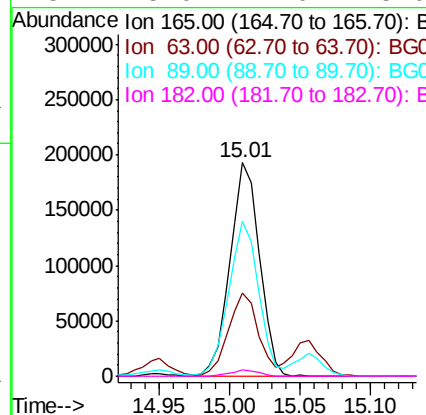
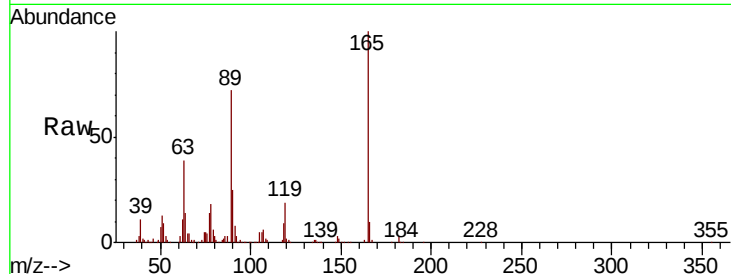
#57
2,4-Dinitrotoluene
Concen: 45.858 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.8	32.2	48.2
89	72.4	61.7	92.5
182	3.0	2.0	3.0

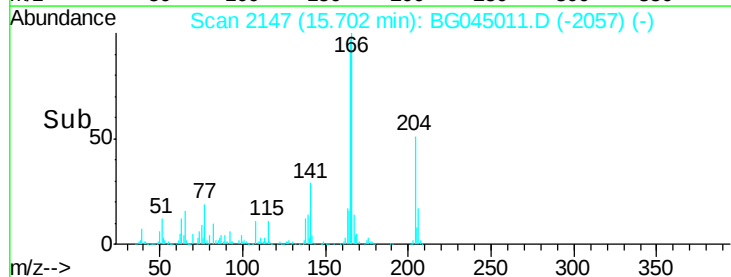
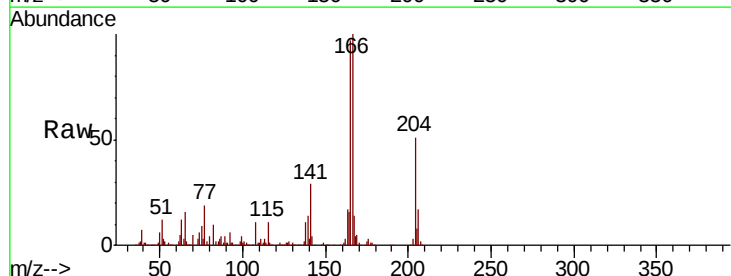
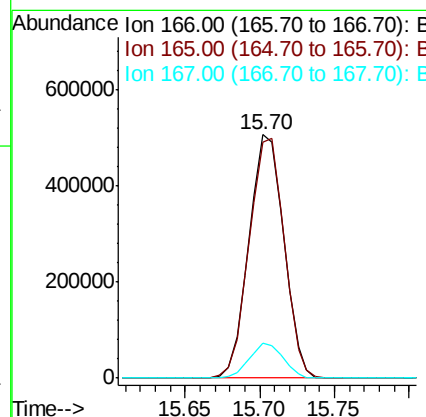
Manual Integrations
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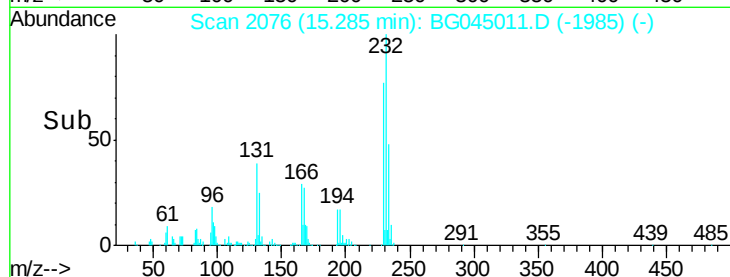
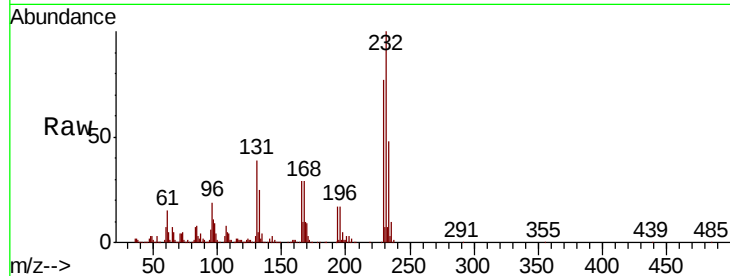
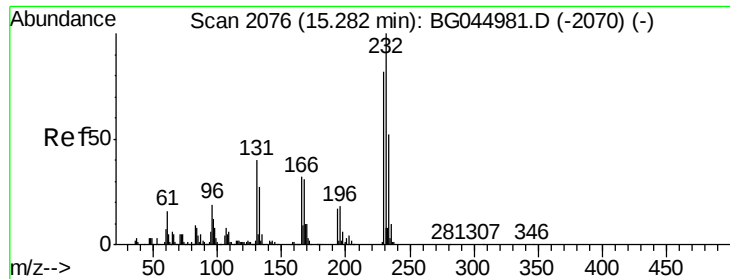
mohammad
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#58
Fluorene
Concen: 46.616 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.9	119.9
167	14.3	11.4	17.0





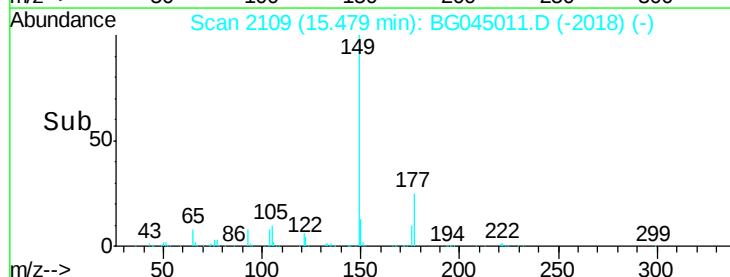
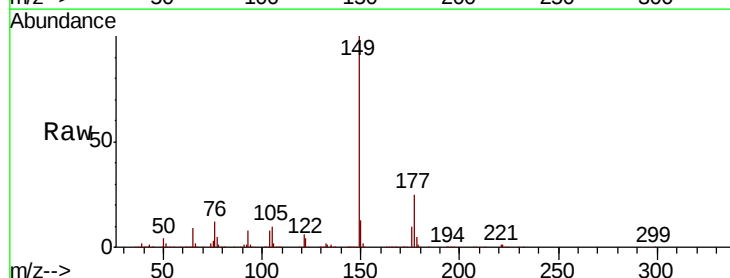
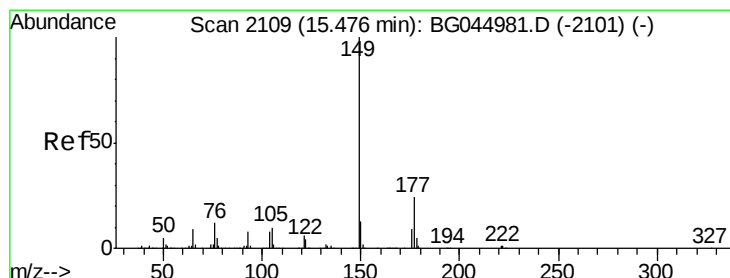
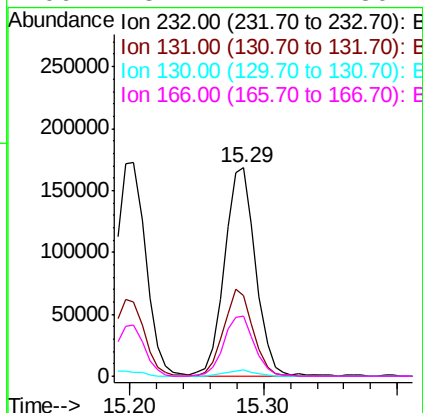
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.288 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	271911		
131	40.1	32.2	48.2	
130	2.8	2.2	3.2	
166	28.4	24.2	36.4	

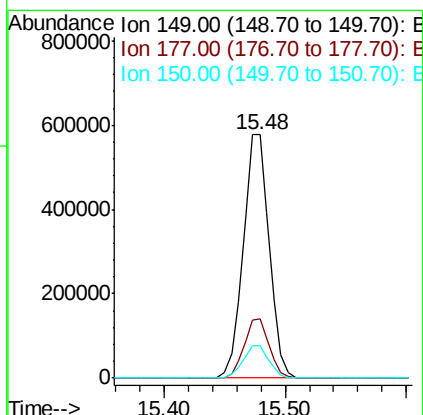
Manual Integrations
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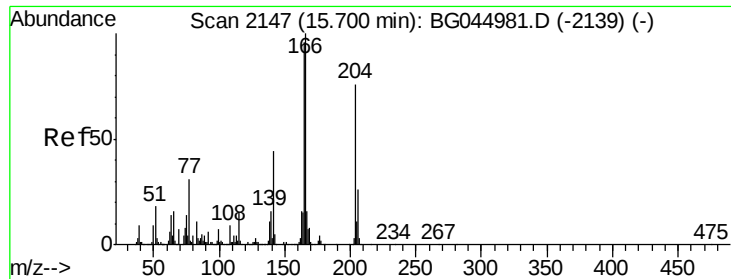
mohammad
4/17/2020 1:51:38 PM



#60
Diethylphthalate
Concen: 44.129 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	862990		
177	24.5	18.9	28.3	
150	13.2	10.6	15.8	





#61

4-Chlorophenyl-phenylether

Concen: 44.513 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

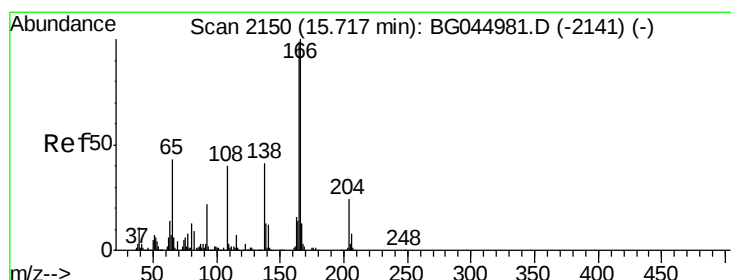
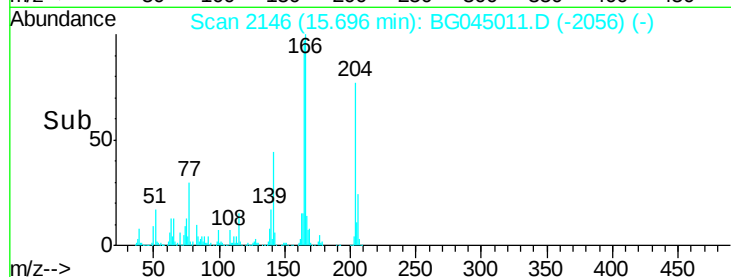
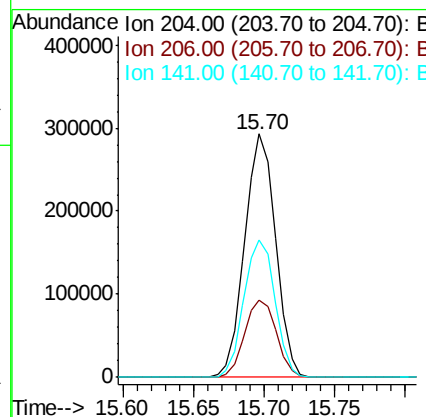
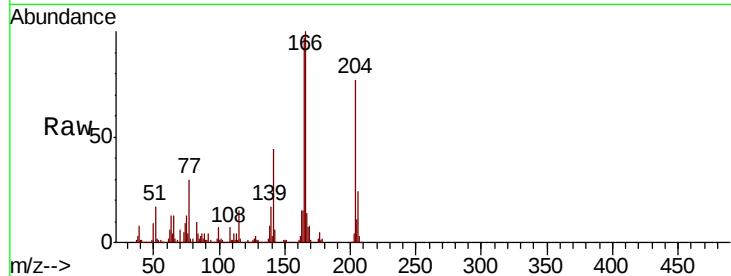
ClientSampleId :

PB128259BS

Tot Ion:	204	Resp:	449861
Ion Ratio	Lower	Upper	
204	100		
206	31.5	26.9	40.3
141	56.3	46.3	69.5

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#62

4-Nitroaniline

Concen: 43.346 ng

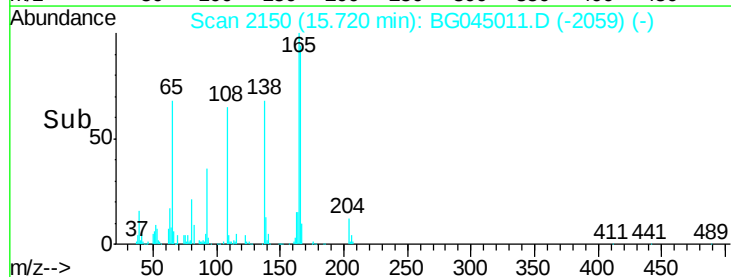
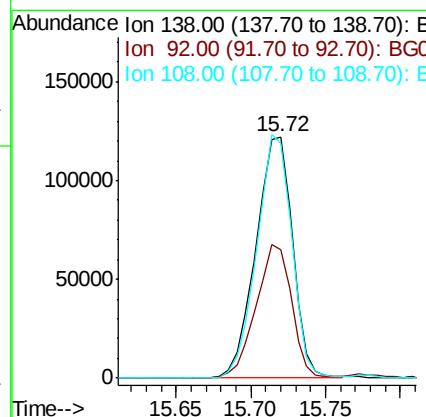
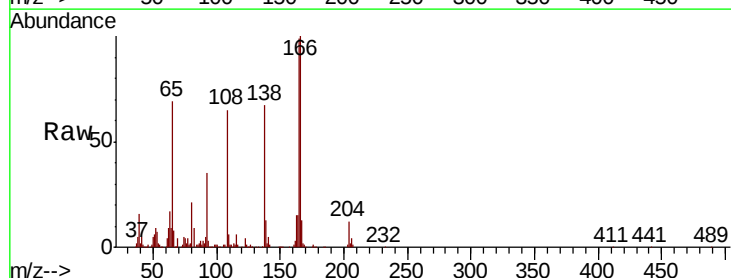
RT: 15.72 min Scan# 2150

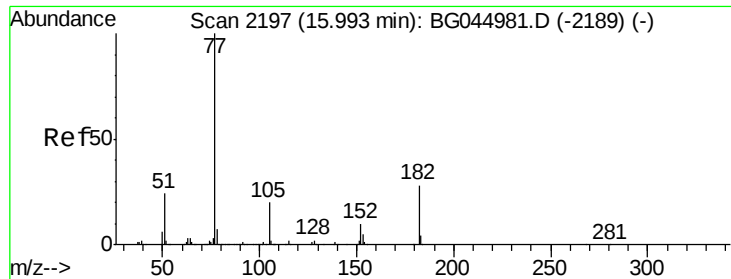
Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	138	Resp:	206869
Ion Ratio	Lower	Upper	
138	100		
92	53.1	33.6	73.6
108	97.5	78.2	118.2





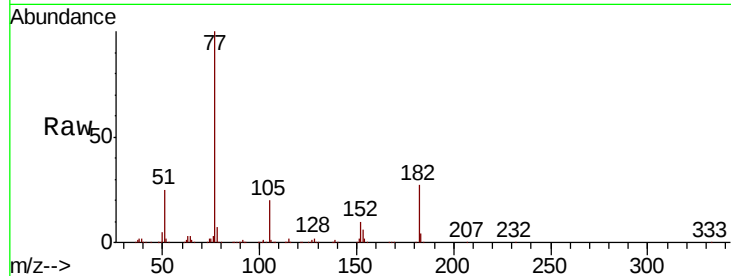
#63
Azobenzene
Concen: 46.571 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

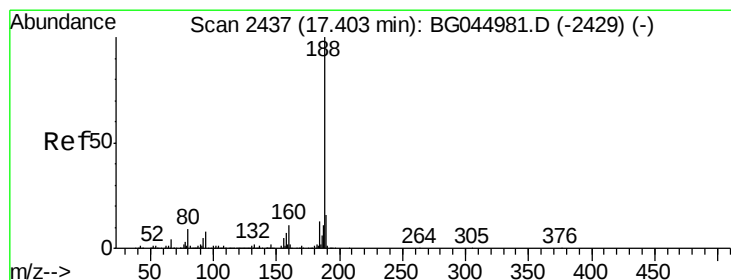
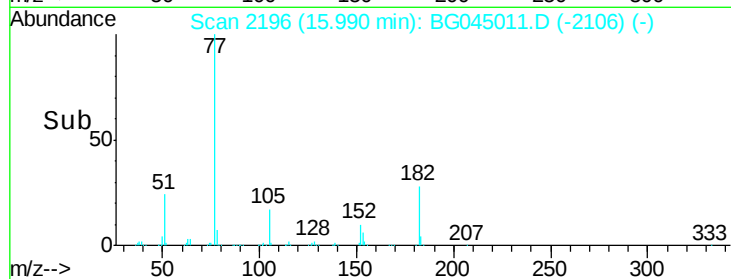
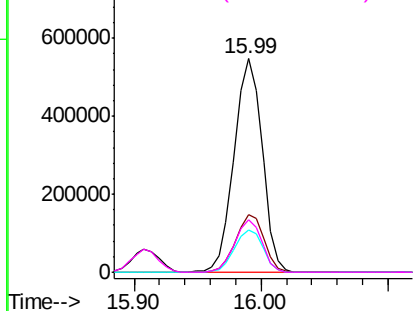
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.2	8.4	48.4		
105	19.9	0.5	40.5		
51	24.5	4.4	44.4		

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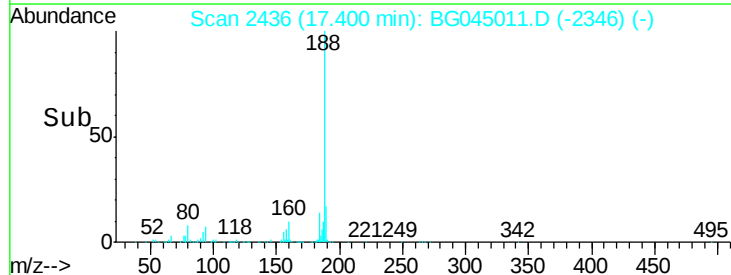
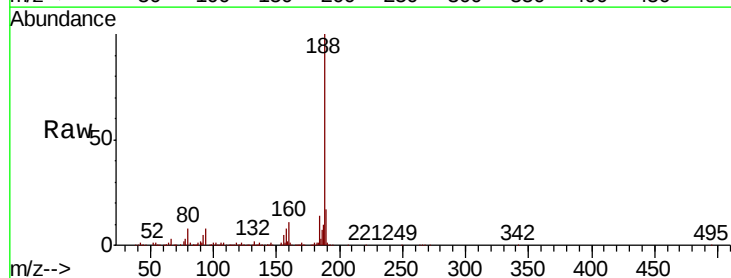
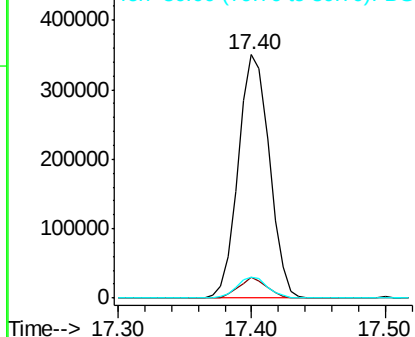
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

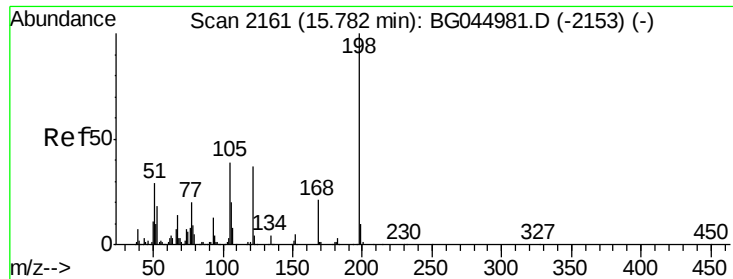


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.4	6.2	9.4		
80	8.4	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: 43.234 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

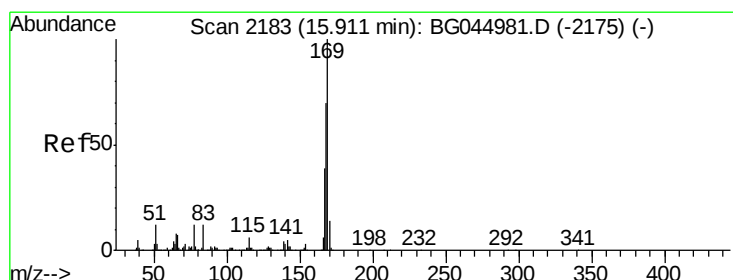
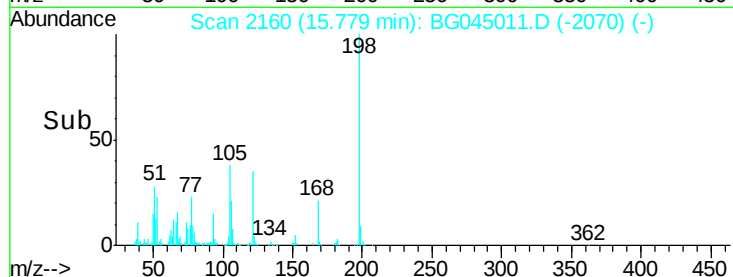
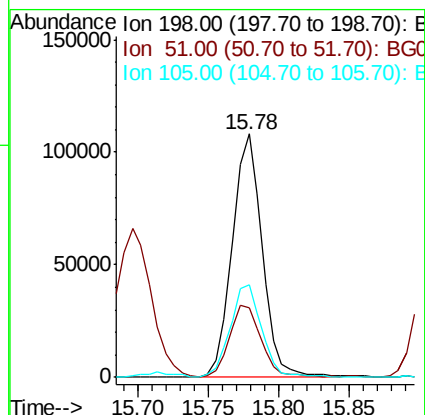
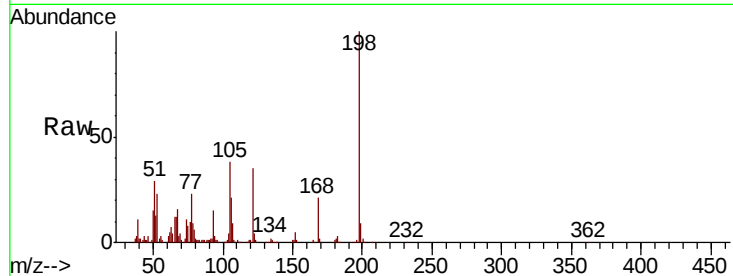
ClientSampleId :

PB128259BS

Tot Ion:	198	Resp:	160495
Ion Ratio	Lower	Upper	
198	100		
51	28.6	10.0	50.0
105	38.3	18.9	58.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.009 ng

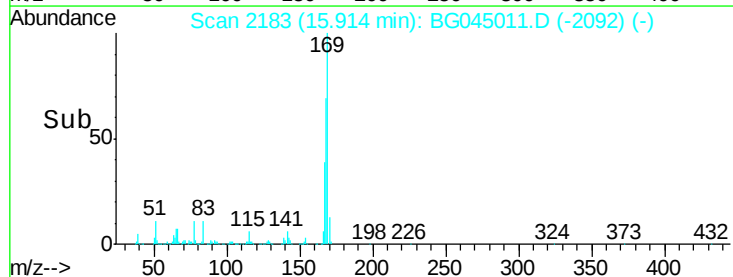
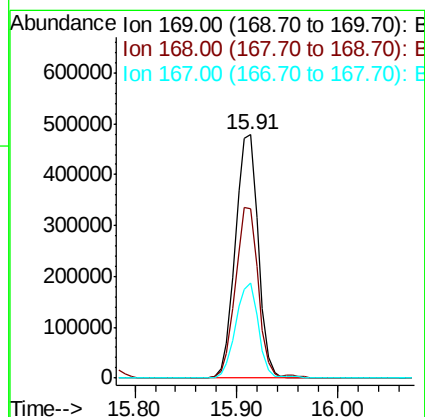
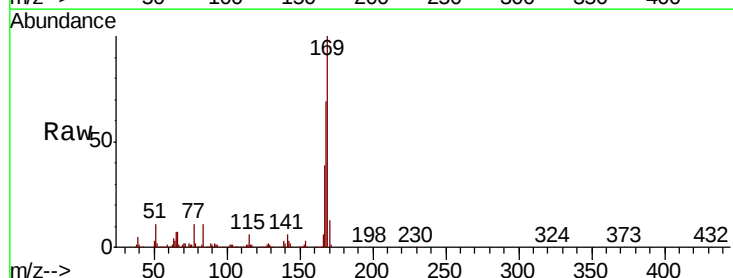
RT: 15.91 min Scan# 2183

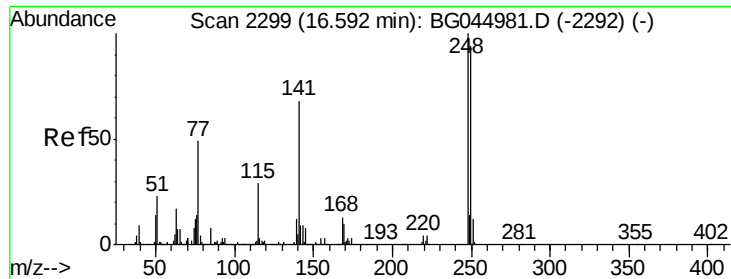
Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	169	Resp:	746585
Ion Ratio	Lower	Upper	
169	100		
168	69.3	55.8	83.8
167	39.3	30.8	46.2





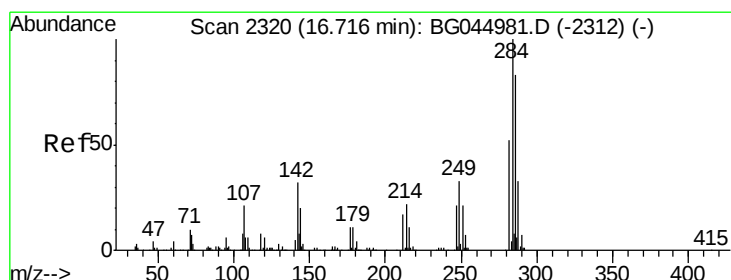
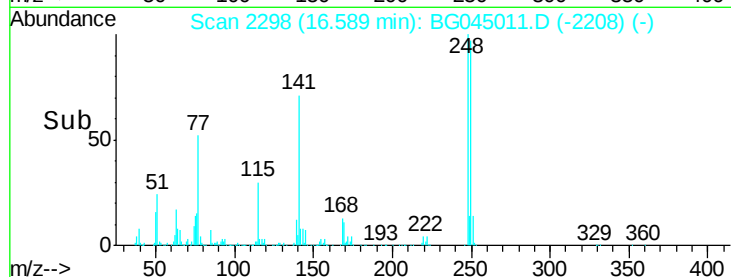
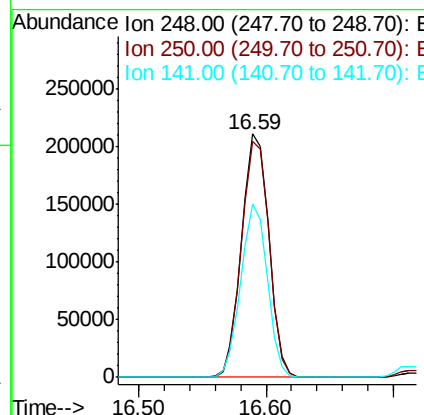
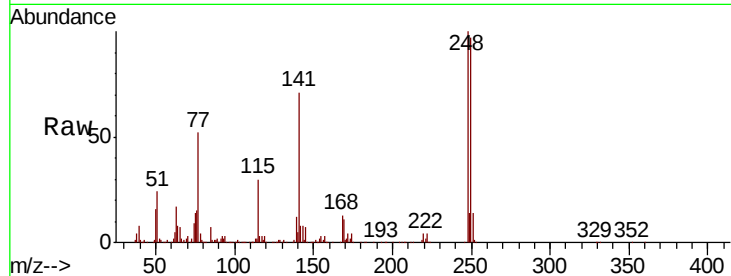
#67
4-Bromophenyl-phenylether
Concen: 43.151 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.4	113.2
141	71.1	54.4	81.6

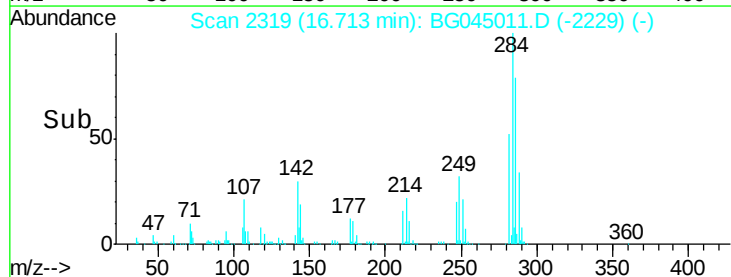
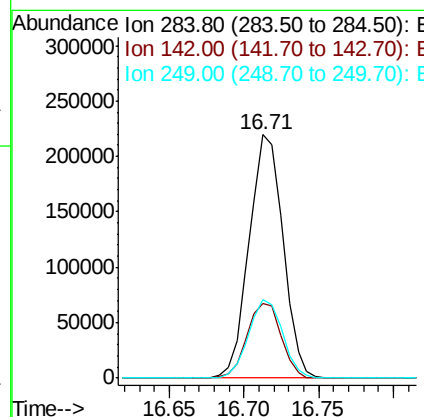
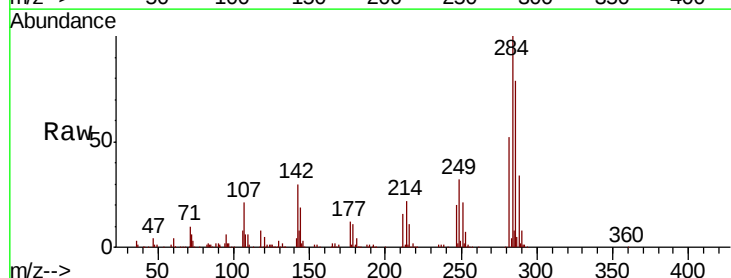
Manual Integrations
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#68
Hexachlorobenzene
Concen: 45.496 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	25.8	38.6
249	32.2	26.6	39.8





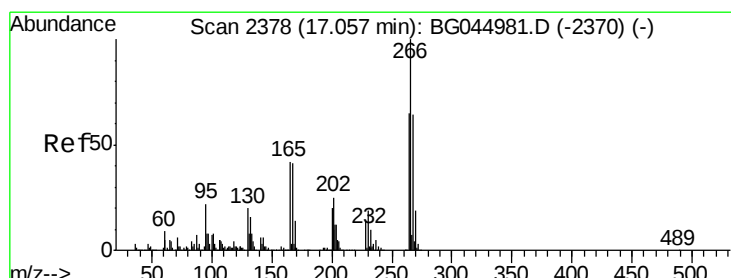
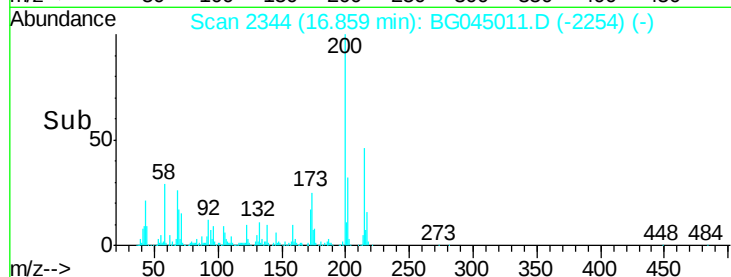
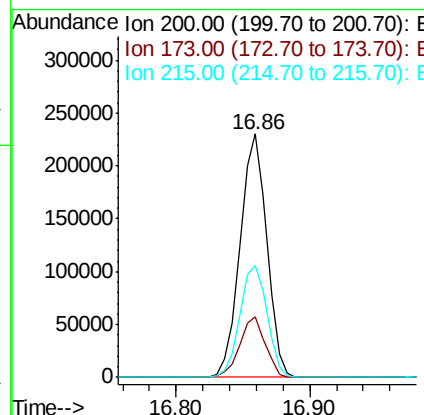
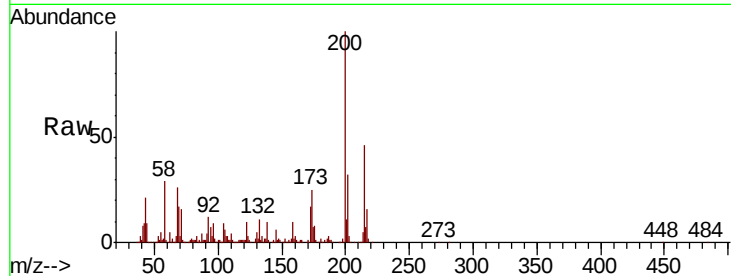
#69
Atrazine
Concen: 55.011 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.5	44.5
215	46.1	30.0	70.0

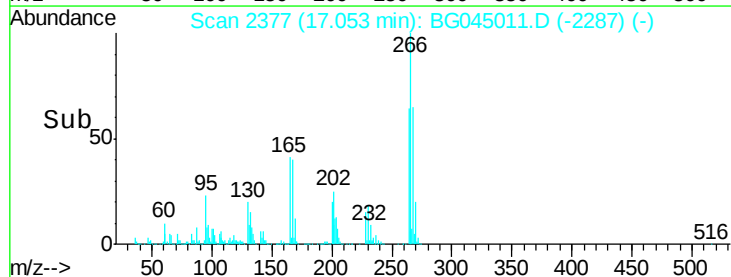
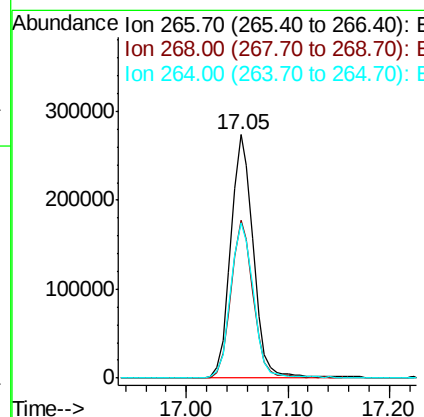
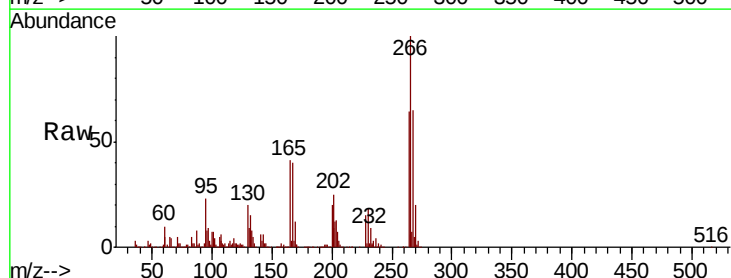
Manual Integrations
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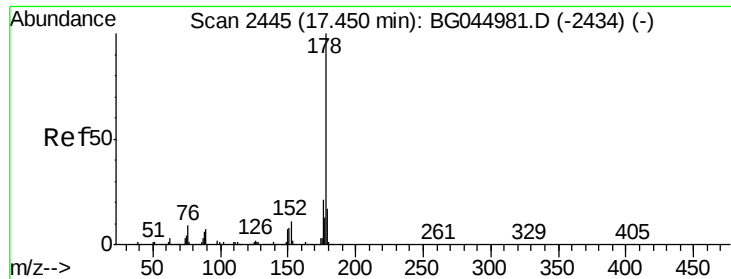
mohammad
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#70
Pentachlorophenol
Concen: 91.249 ng
RT: 17.05 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.5	77.3
264	64.0	52.2	78.4





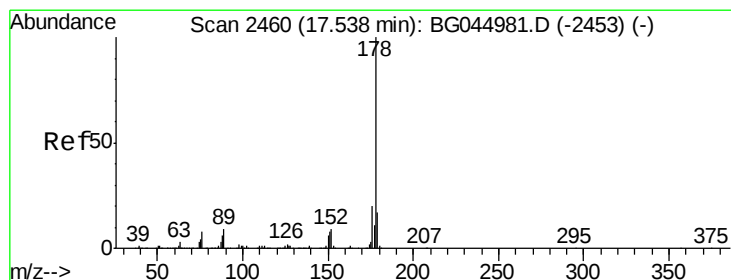
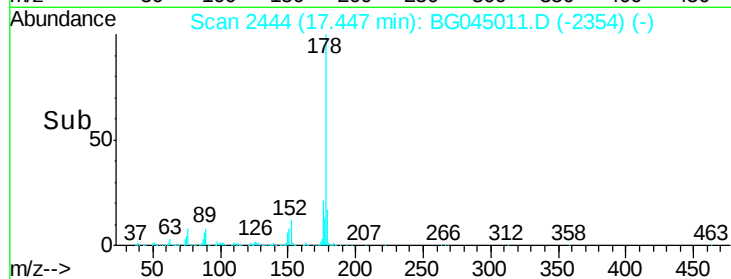
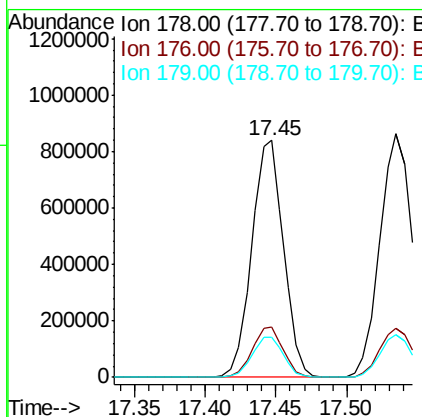
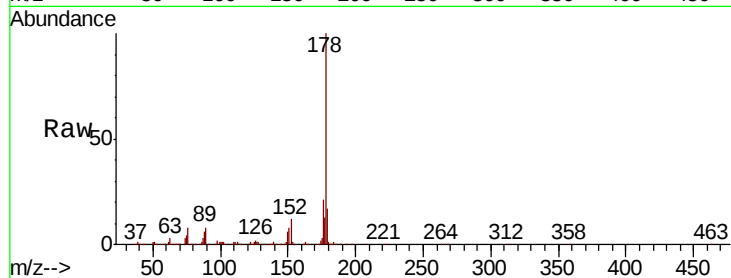
#71
Phenanthrene
Concen: 45.605 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.8	25.2
179	17.2	13.2	19.8

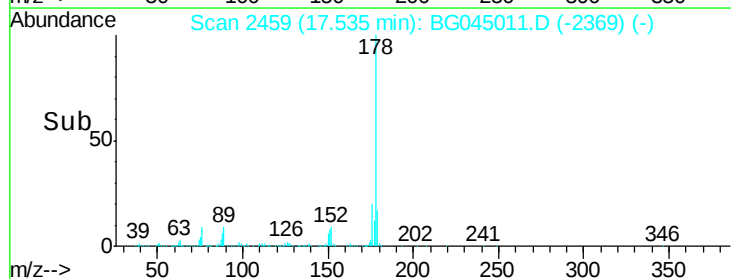
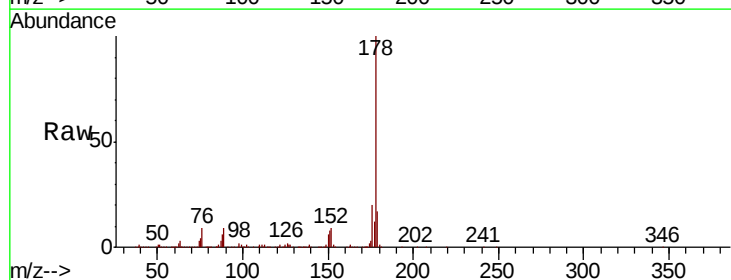
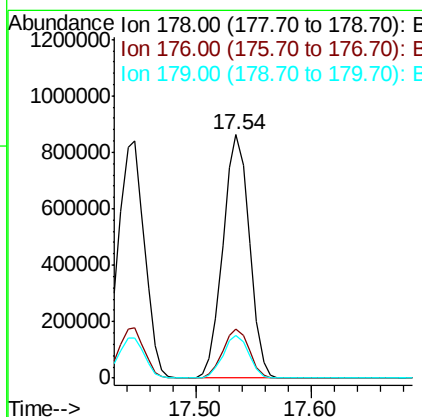
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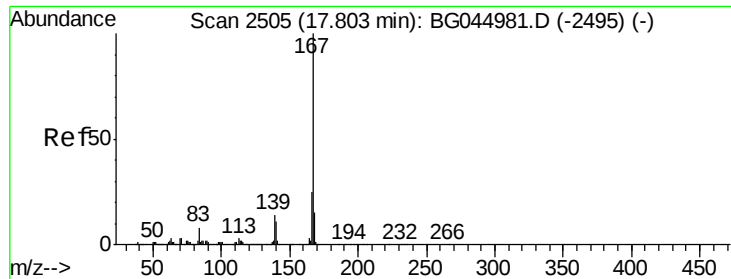
mohammad
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#72
Anthracene
Concen: 47.108 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.3	13.6	20.4





#73

Carbazole

Concen: 42.878 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

Tot Ion:167 Resp: 1266740

Ion Ratio Lower Upper

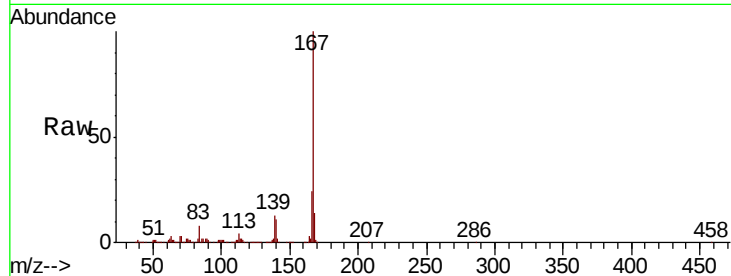
167 100

166 24.0 19.8 29.6

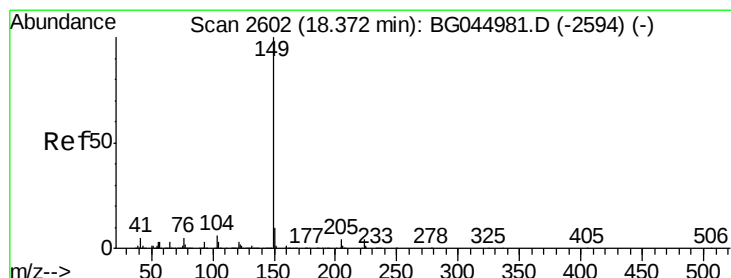
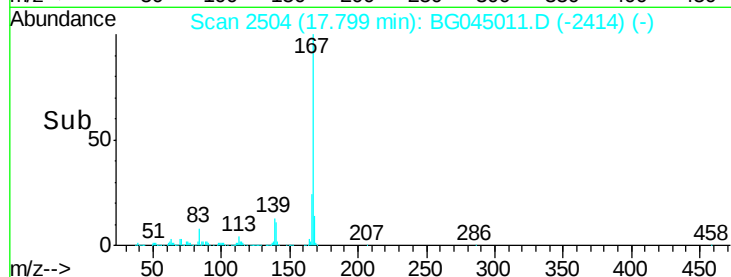
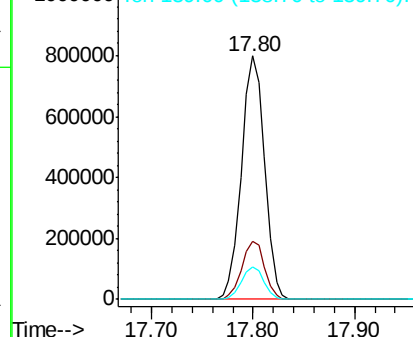
139 13.5 10.9 16.3

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.040 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

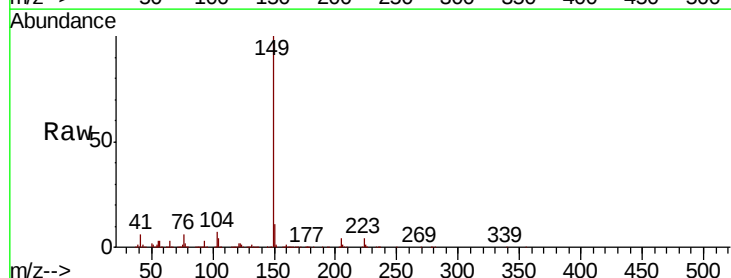
Tgt Ion:149 Resp: 1503900

Ion Ratio Lower Upper

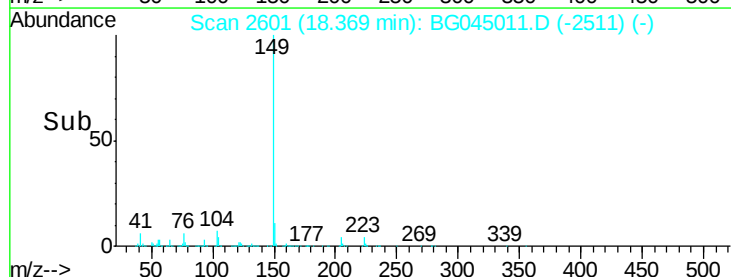
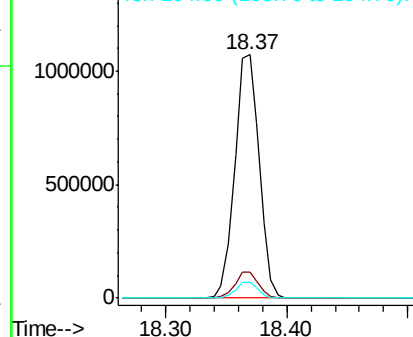
149 100

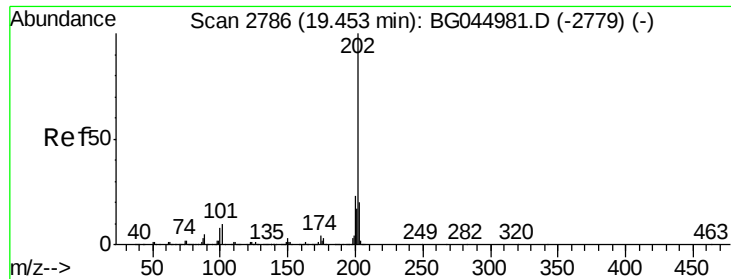
150 10.8 8.2 12.2

104 6.6 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.048 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

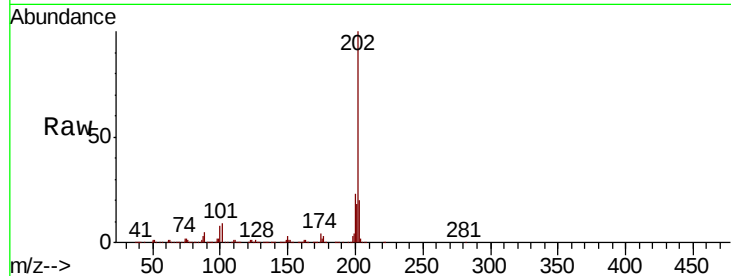
ClientSampled :

PB128259BS

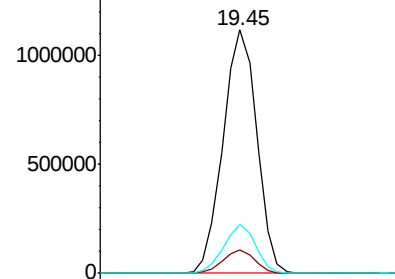
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1654181		
101	9.4		0.0	29.6
203	20.2		0.0	39.7

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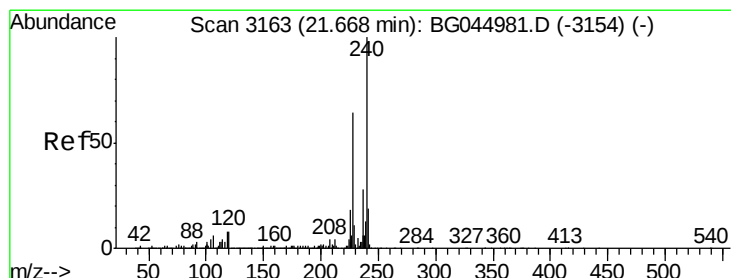
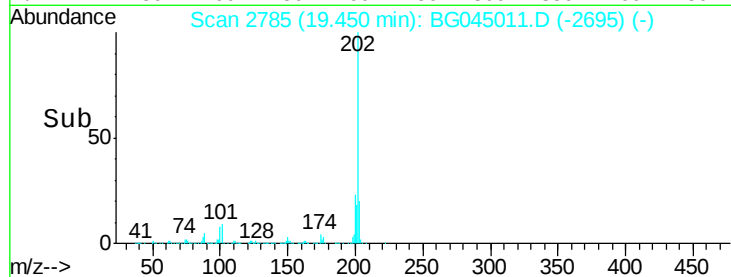
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

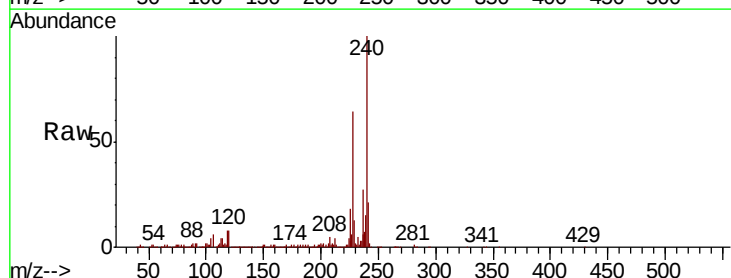
RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

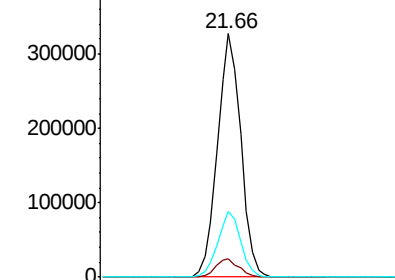
Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

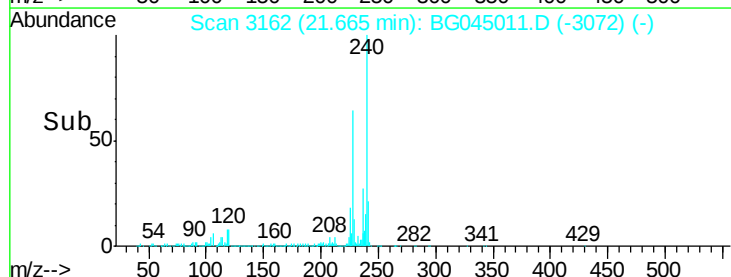
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	520648		
120	7.7		6.6	10.0
236	27.0		22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 53.714 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

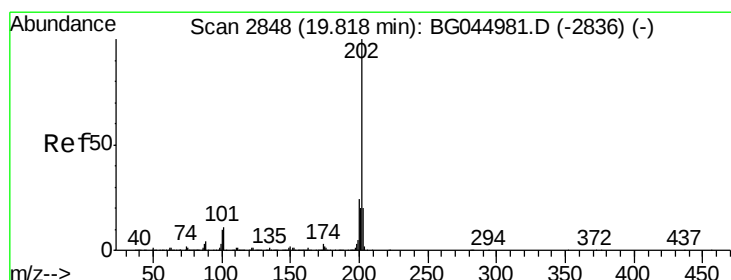
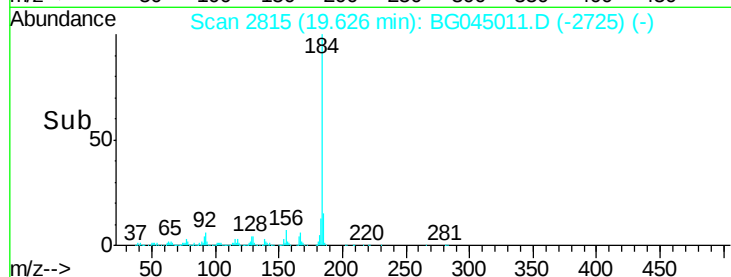
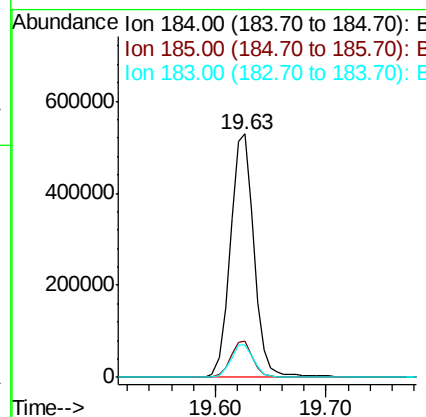
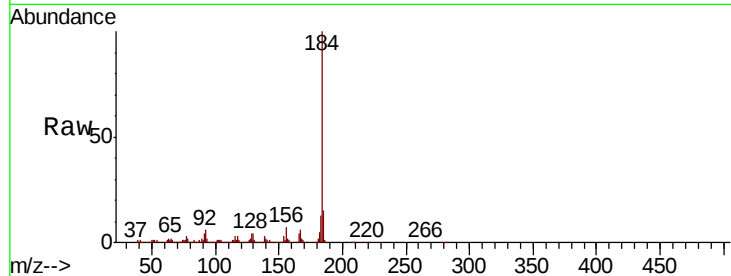
ClientSampleId :

PB128259BS

Tot Ion:	184	Resp:	792621
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	13.4	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 44.752 ng

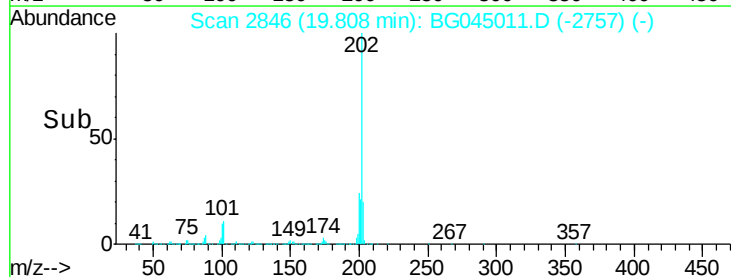
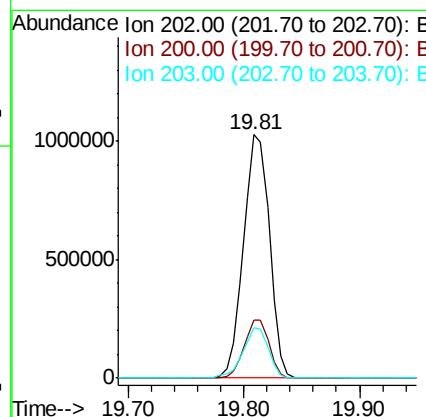
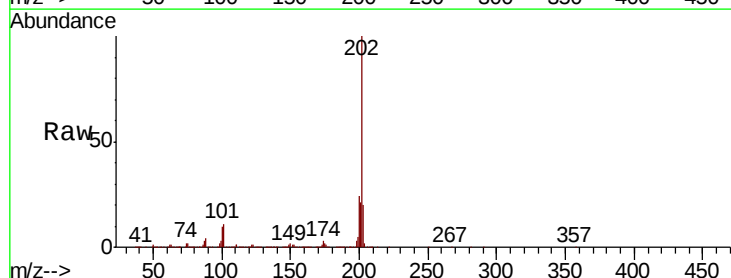
RT: 19.81 min Scan# 2846

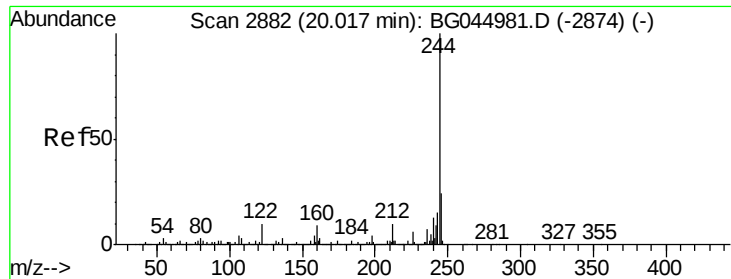
Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:	202	Resp:	1606310
Ion Ratio	Lower	Upper	
202	100		
200	23.9	19.0	28.6
203	20.5	16.1	24.1





#79

Terphenyl-d14

Concen: 95.020 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

Tot Ion:244 Resp: 2269818

Ion Ratio Lower Upper

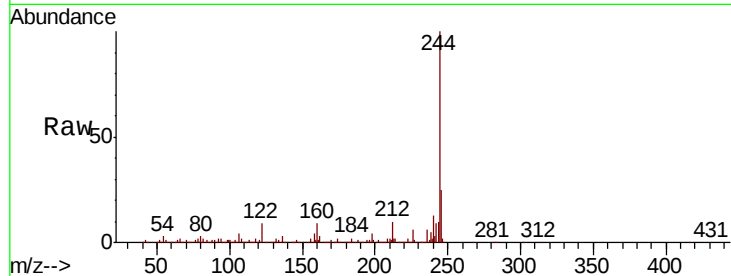
244 100

212 9.9 7.9 11.9

122 9.0 7.7 11.5

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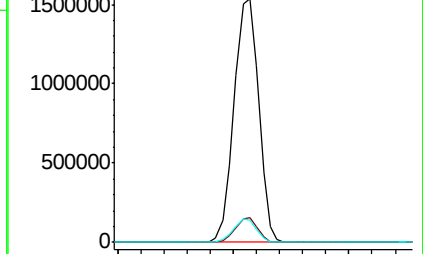
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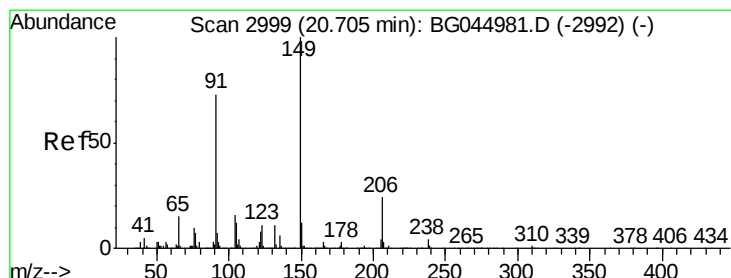
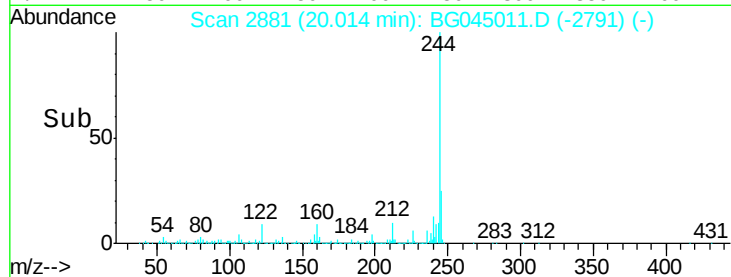
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 44.273 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

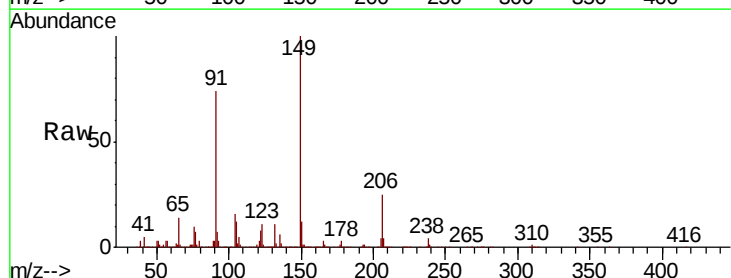
Tgt Ion:149 Resp: 658707

Ion Ratio Lower Upper

149 100

91 73.6 58.5 87.7

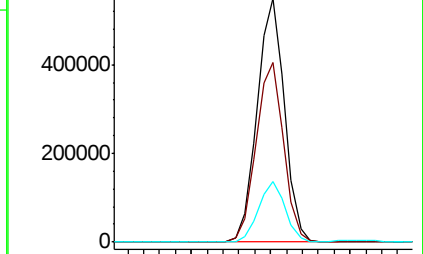
206 24.8 19.2 28.8



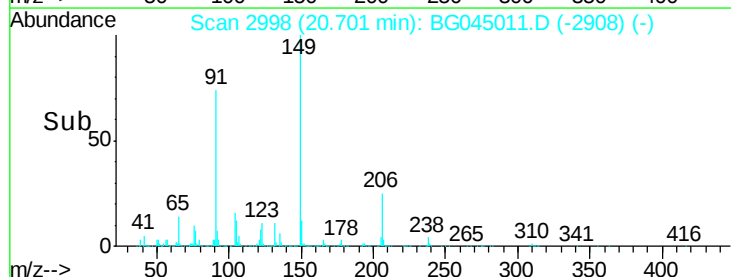
Abundance Ion 149.00 (148.70 to 149.70): E

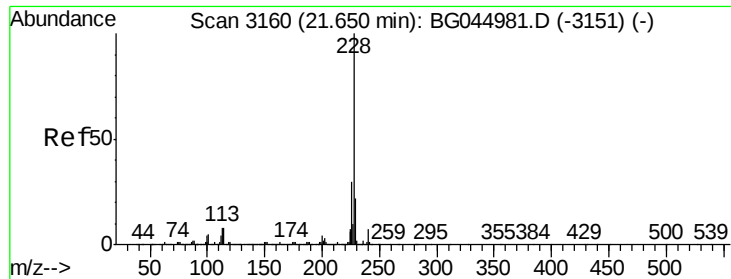
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time--> 20.65 20.70 20.75





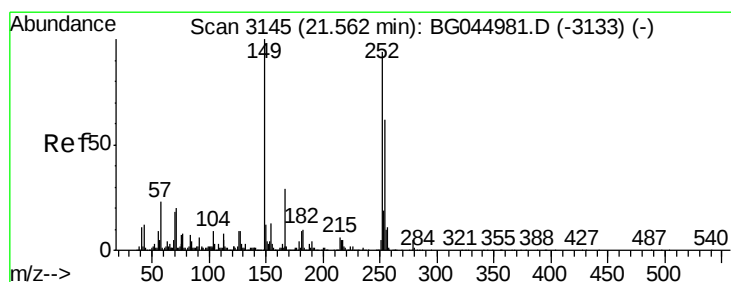
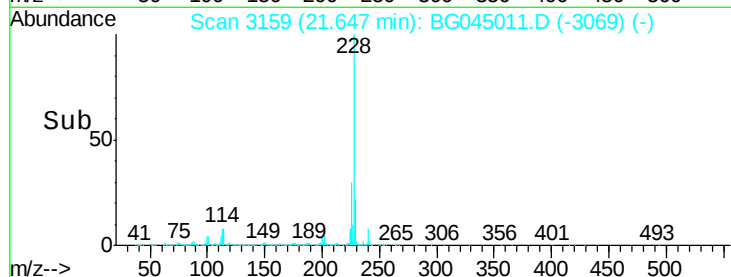
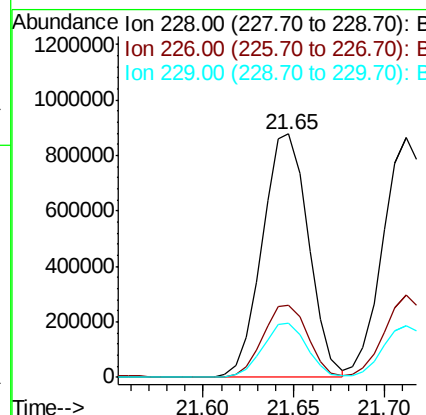
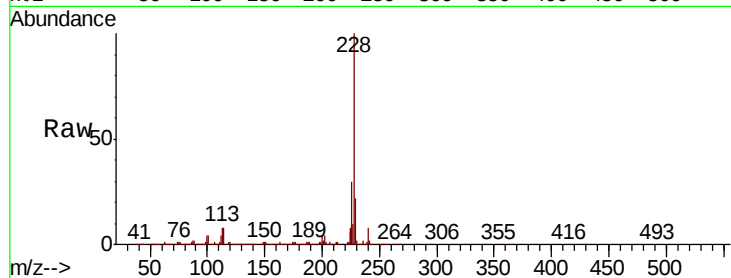
#81
Benzo(a)anthracene
Concen: 46.064 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	22.2	17.5	26.3

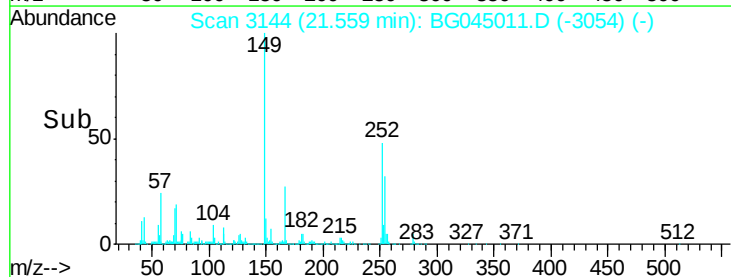
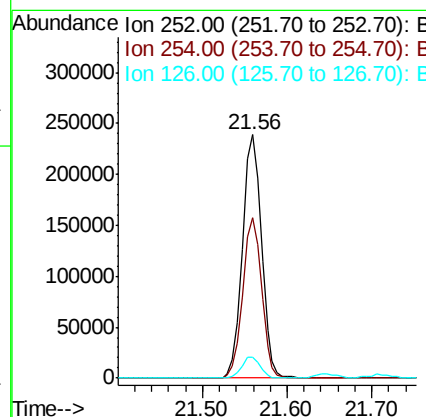
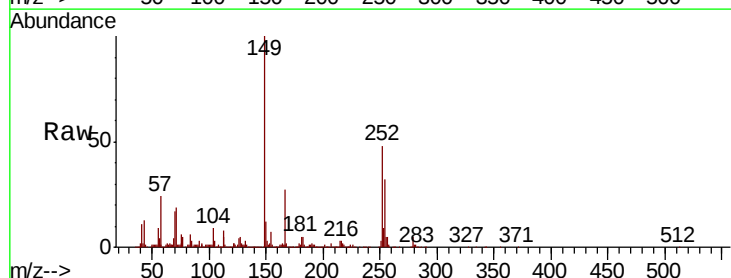
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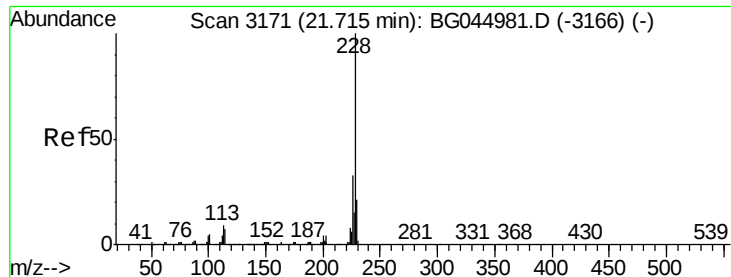
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.571 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.6	79.0
126	8.6	7.5	11.3





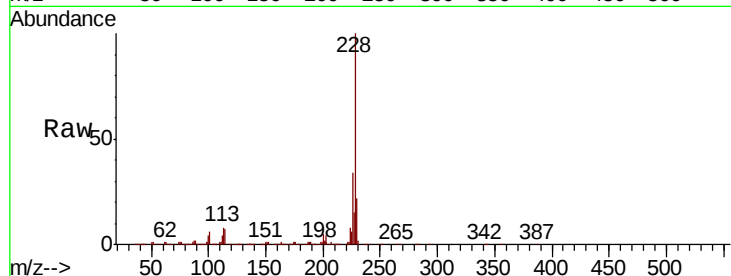
#83
Chrysene
Concen: 45.998 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.2	39.4
229	21.7	17.0	25.6

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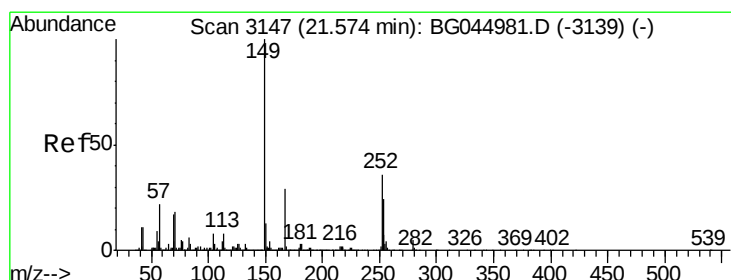
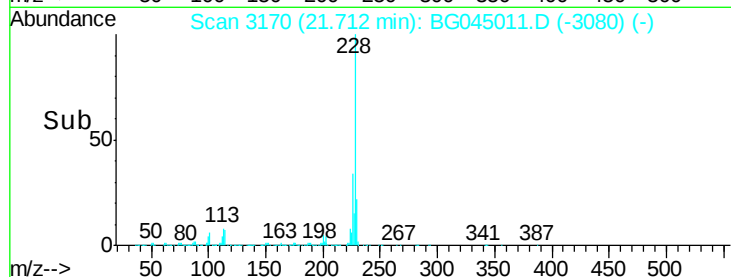
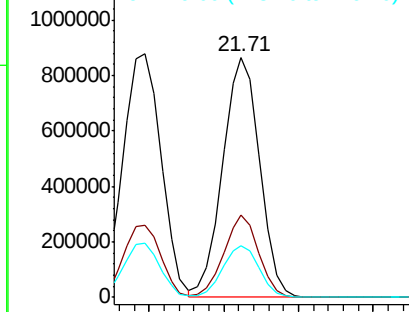


Abundance

Ion 228.00 (227.70 to 228.70): E

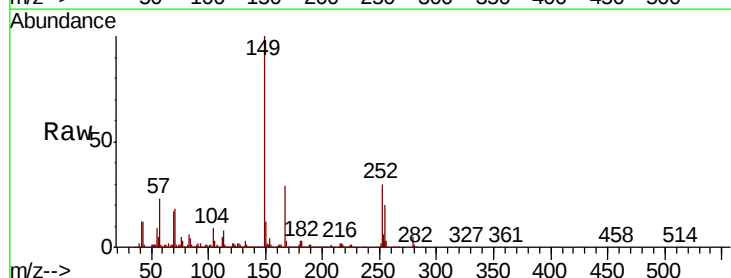
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.463 ng
RT: 21.56 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	5.1	4.3	6.5

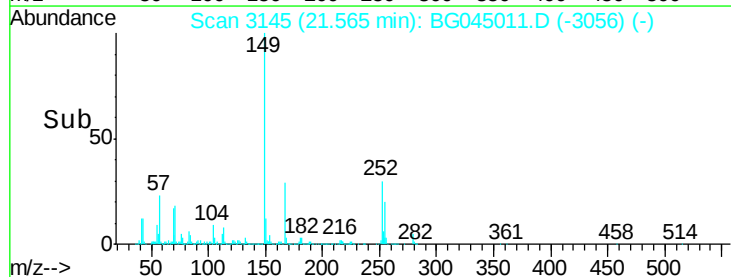
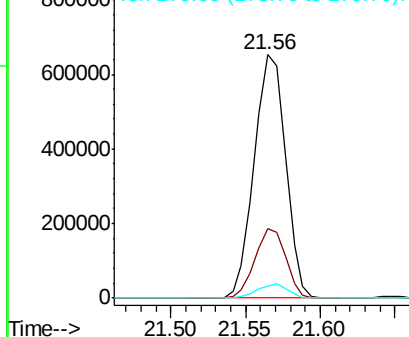


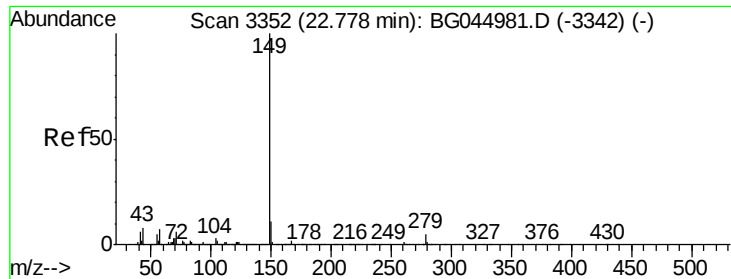
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





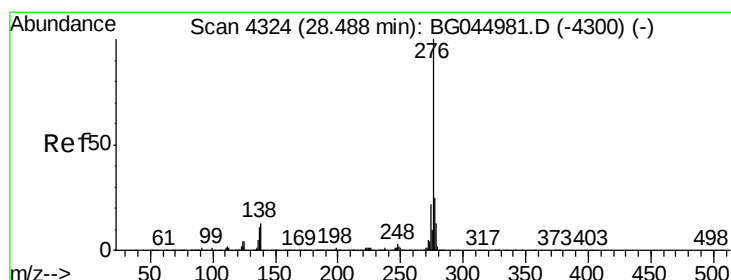
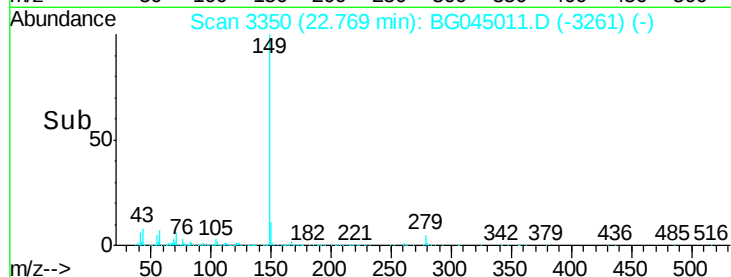
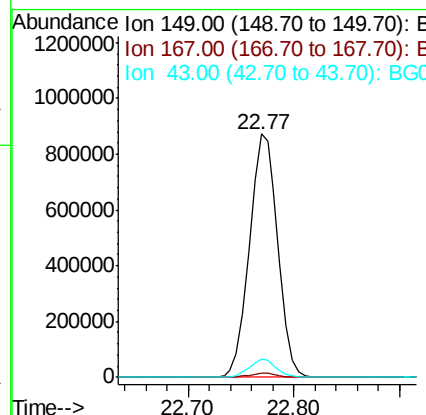
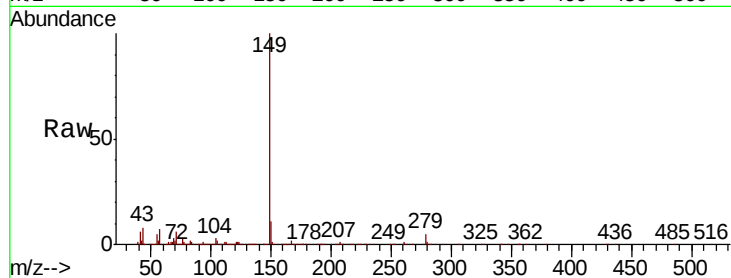
#85
Di-n-octyl phthalate
Concen: 45.625 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.4	5.7	8.5

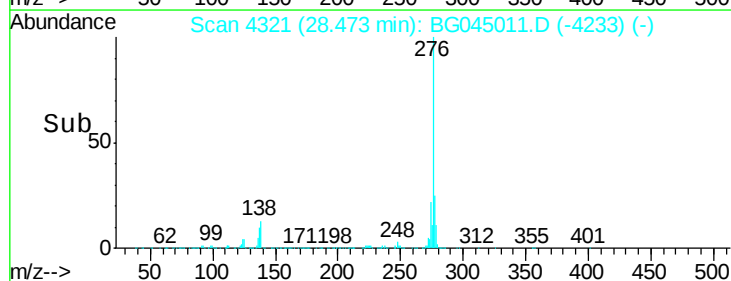
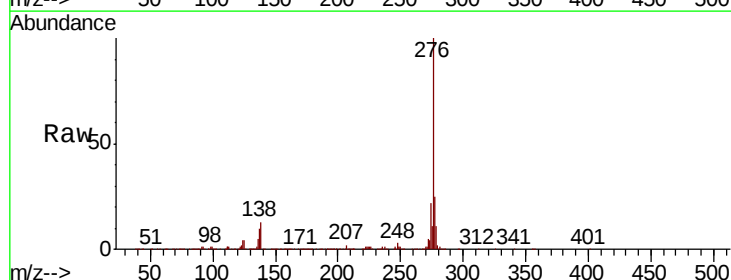
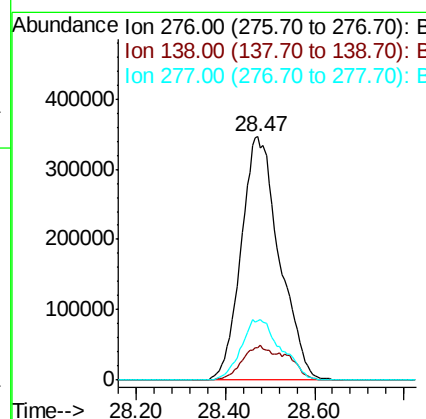
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.661 ng
RT: 28.47 min Scan# 4321
Delta R.T. -0.02 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.6	14.4
277	25.9	20.6	31.0





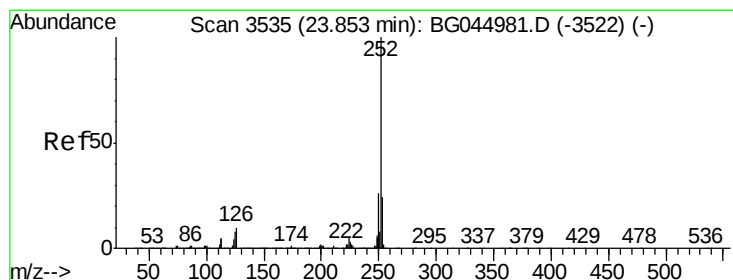
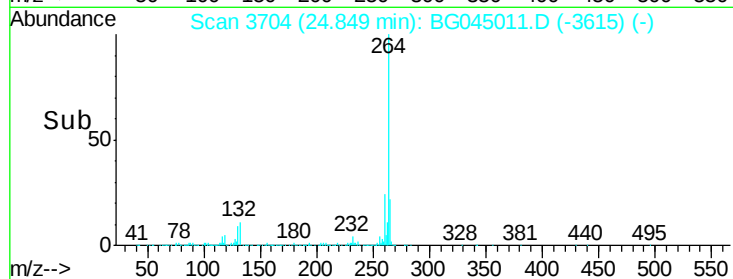
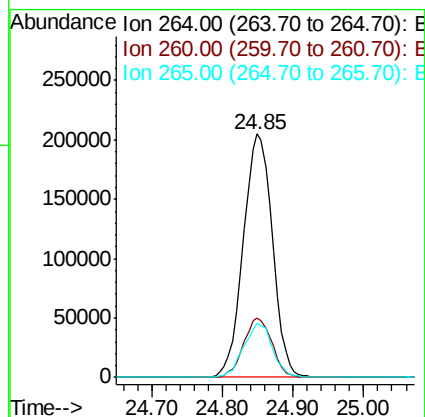
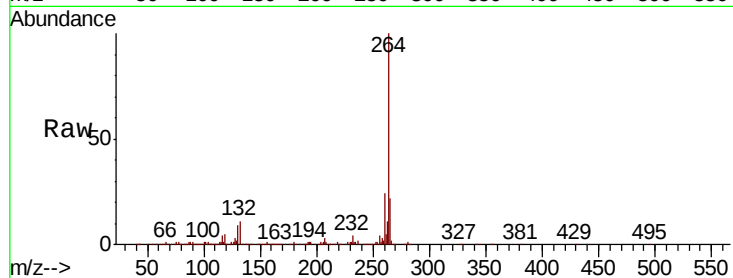
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	19.0	28.4

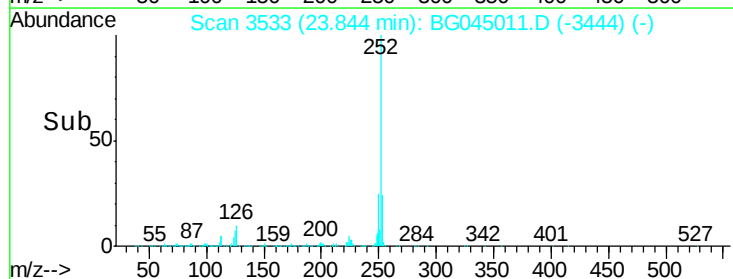
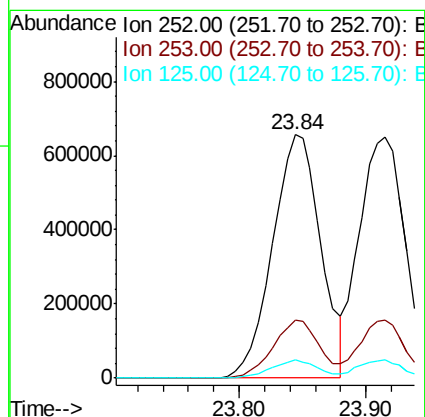
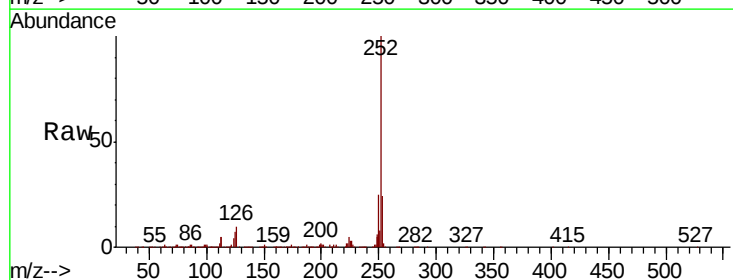
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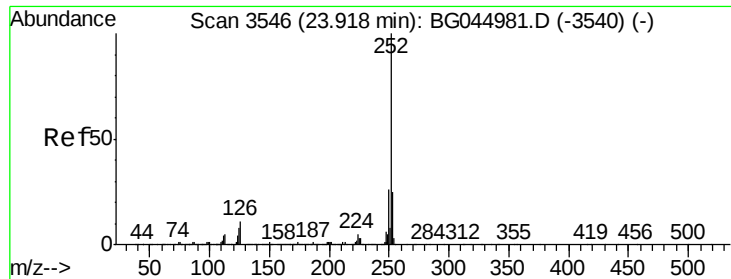
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#88
Benzo(b)fluoranthene
Concen: 46.884 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.8	28.2
125	7.3	6.2	9.4





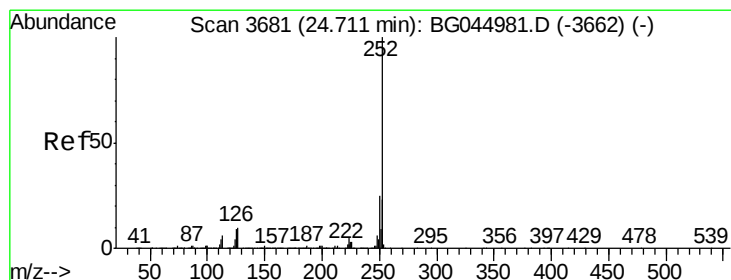
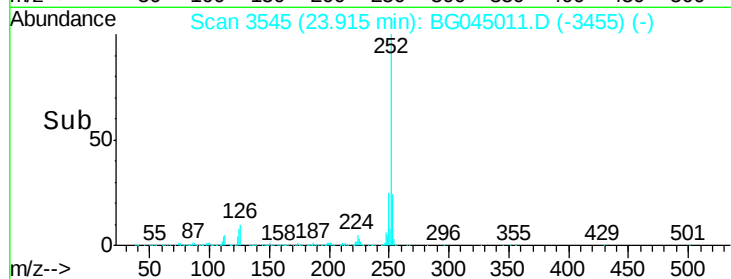
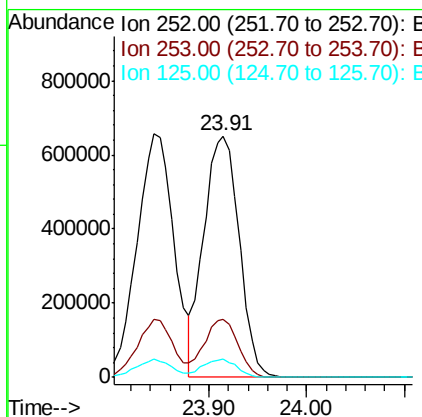
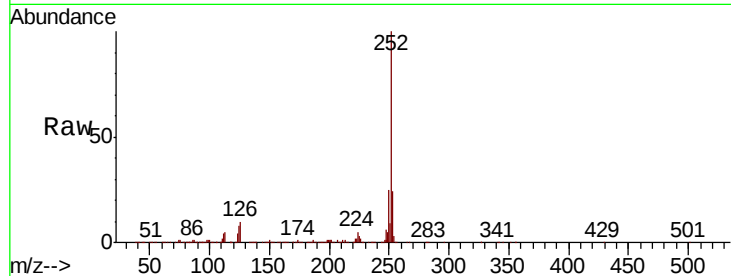
#89
Benzo(k)fluoranthene
Concen: 46.336 ng
RT: 23.91 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	7.6	5.9	8.9

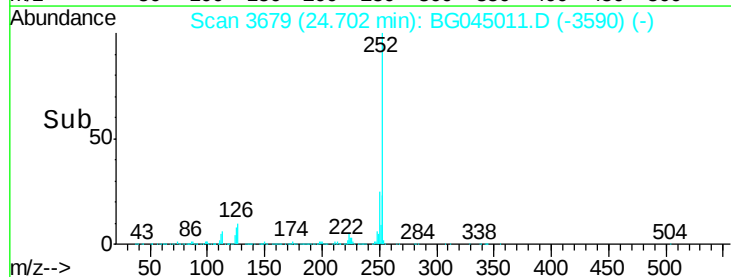
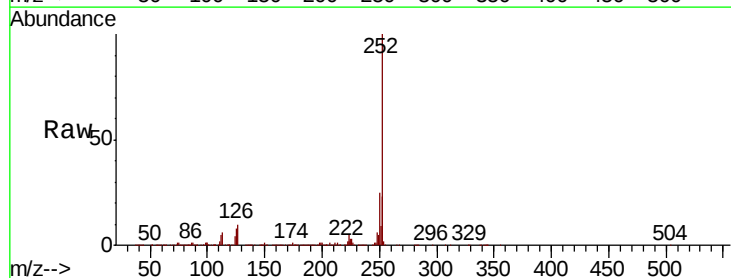
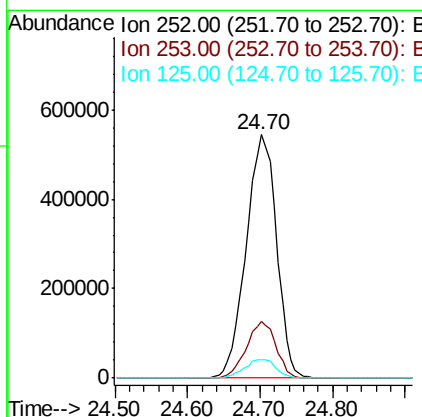
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#90
Benzo(a)pyrene
Concen: 45.495 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	7.8	7.0	10.6





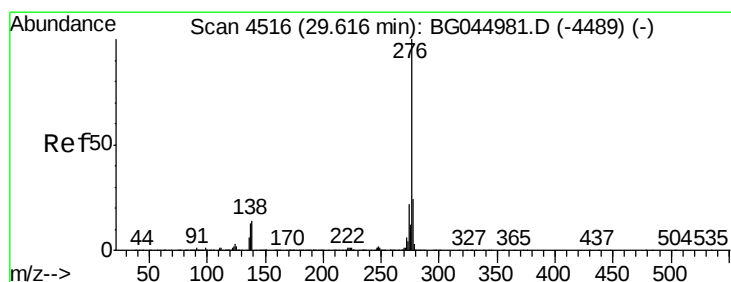
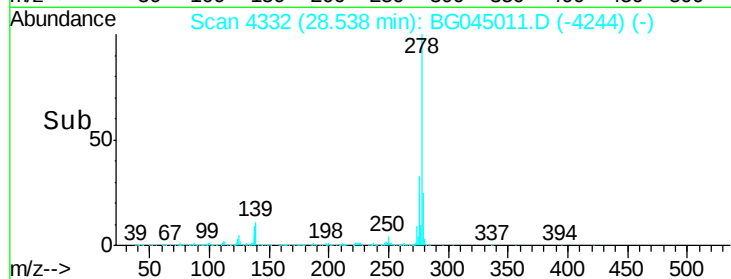
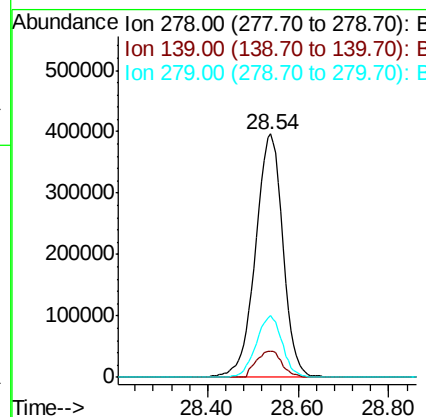
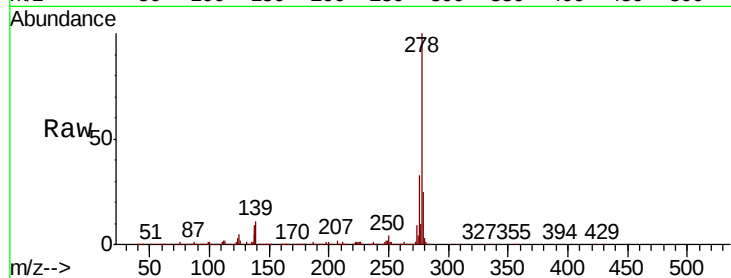
#91
Dibenzo(a,h)anthracene
Concen: 47.231 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.02 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB128259BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.0	13.6
279	25.1	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 47.368 ng
RT: 29.60 min Scan# 4513
Delta R.T. -0.02 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	14.2	11.4	17.2

