

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043929.D
 Acq On : 6 Jan 2020 13:26
 Operator : JU
 Sample : PB125878BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BS

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:30:35 PM

Quant Time: Jan 07 05:42:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	128821	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	607115	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	412569	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	885048	20.00	ng	0.00
76) Chrysene-d12	21.59	240	779528	20.00	ng	0.00
87) Perylene-d12	24.72	264	606857	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	879269	125.32	ng	0.00
7) Phenol-d6	7.13	99	1175012	119.81	ng	0.00
23) Nitrobenzene-d5	9.12	82	752606	66.32	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	454357	105.24	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1629291	71.55	ng	0.00
79) Terphenyl-d14	19.95	244	2283842	66.39	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.43	88	106580	34.841	ng	96
3) Pyridine	3.82	79	250621	27.733	ng	96
4) n-Nitrosodimethylamine	3.74	42	143329	35.623	ng	99
6) Aniline	7.28	93	301821	23.431	ng	99
8) 2-Chlorophenol	7.53	128	380869	46.241	ng	99
9) Benzaldehyde	7.10	77	233729	37.238	ng	99
10) Phenol	7.16	94	480280	47.532	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	352059	40.364	ng	98
12) 1,3-Dichlorobenzene	7.85	146	359857	37.335	ng	99
13) 1,4-Dichlorobenzene	8.00	146	369431	38.846	ng	99
14) 1,2-Dichlorobenzene	8.32	146	354529	38.839	ng	99
15) Benzyl Alcohol	8.20	79	327571	42.322	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	501916	37.196	ng	99
17) 2-Methylphenol	8.41	107	337691	46.183	ng	97
18) Hexachloroethane	9.05	117	136714	36.945	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	287675	39.389	ng	96
20) 3+4-Methylphenols	8.74	107	469862	46.062	ng	98
22) Acetophenone	8.78	105	527196	34.929	ng	# 99
24) Nitrobenzene	9.16	77	408061	36.304	ng	98
25) Isophorone	9.69	82	785438	36.890	ng	100
26) 2-Nitrophenol	9.88	139	213431	40.135	ng	97
27) 2,4-Dimethylphenol	9.94	122	373146	46.614	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	502396	35.393	ng	99
29) 2,4-Dichlorophenol	10.41	162	390276	40.873	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	381993	35.679	ng	99
31) Naphthalene	10.82	128	1119726	38.113	ng	99
32) Benzoic acid	10.08	122	226111	36.422	ng	92
33) 4-Chloroaniline	10.92	127	273107	19.490	ng	99
34) Hexachlorobutadiene	11.12	225	217561	33.282	ng	100
35) Caprolactam	11.69	113	150371m	42.303	ng	
36) 4-Chloro-3-methylphenol	12.04	107	421923	41.507	ng	99
37) 2-Methylnaphthalene	12.42	142	855914	38.697	ng	99
38) 1-Methylnaphthalene	12.64	142	815857	38.919	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	406721	33.634	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	312684	49.876	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	311262	37.409	nq	96
44) 2,4,5-Trichlorophenol	13.10	196	336962	39.265	nq	98
46) 1,1'-Biphenyl	13.43	154	1074991	36.341	nq	99
47) 2-Chloronaphthalene	13.47	162	841952	35.224	nq	99
48) 2-Nitroaniline	13.67	65	277795	36.129	nq	99
49) Acenaphthylene	14.32	152	1323716	38.530	nq	100
50) Dimethylphthalate	14.05	163	1095396	37.393	nq	99
51) 2,6-Dinitrotoluene	14.16	165	255800	38.634	nq	98
52) Acenaphthene	14.66	154	864635	35.887	nq	99
53) 3-Nitroaniline	14.49	138	206129	27.415	nq	98
54) 2,4-Dinitrophenol	14.69	184	265802	78.882	nq	98
55) Dibenzofuran	14.99	168	1282614	38.671	nq	99
56) 4-Nitrophenol	14.81	139	491107	85.236	nq	99
57) 2,4-Dinitrotoluene	14.95	165	353175	39.201	nq	100
58) Fluorene	15.64	166	1010767	38.449	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	295697	40.071	nq	99
60) Diethylphthalate	15.42	149	1108621	37.837	nq	100
61) 4-Chlorophenyl-phenylether	15.63	204	526352	36.874	nq	100
62) 4-Nitroaniline	15.66	138	265285	35.729	nq	95
63) Azobenzene	15.93	77	1048621	38.591	nq	99
65) 4,6-Dinitro-2-methylphenol	15.72	198	195348	43.311	nq	98
66) n-Nitrosodiphenylamine	15.85	169	962764	36.939	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	343458	34.504	nq	98
68) Hexachlorobenzene	16.65	284	369230	34.424	nq	98
69) Atrazine	16.80	200	321807	37.985	nq	99
70) Pentachlorophenol	16.99	266	448495	75.854	nq	98
71) Phenanthrene	17.38	178	1590213	37.460	nq	99
72) Anthracene	17.47	178	1607619	38.319	nq	99
73) Carbazole	17.74	167	1489283	38.429	nq	100
74) Di-n-butylphthalate	18.31	149	1813676	36.655	nq	99
75) Fluoranthene	19.39	202	1811655	37.316	nq	99
77) Benzidine	19.56	184	318332	16.246	nq	97
78) Pyrene	19.75	202	1824290	35.853	nq	99
80) Butylbenzylphthalate	20.64	149	877649	36.229	nq	99
81) Benzo(a)anthracene	21.57	228	1778574	36.796	nq	100
82) 3,3'-Dichlorobenzidine	21.49	252	608997	31.891	nq	99
83) Chrysene	21.64	228	1703443	37.089	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1232271	36.866	nq	100
85) Di-n-octyl phthalate	22.68	149	2127828	37.866	nq	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2183241	34.978	nq	100
88) Benzo(b)fluoranthene	23.73	252	1932209	53.858	nq	100
89) Benzo(k)fluoranthene	23.79	252	1819223	53.325	nq	99
90) Benzo(a)pyrene	24.57	252	1737415	51.311	nq	99
91) Dibenzo(a,h)anthracene	28.34	278	1834837	53.956	nq	98
92) Benzo(g,h,i)perylene	29.38	276	1793468	53.095	nq	97

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



#1

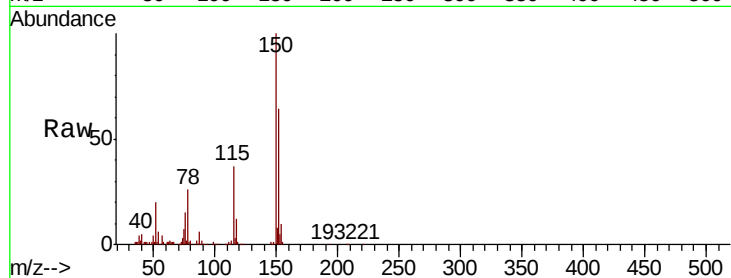
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.0	190.4
115	57.9	47.8	71.8

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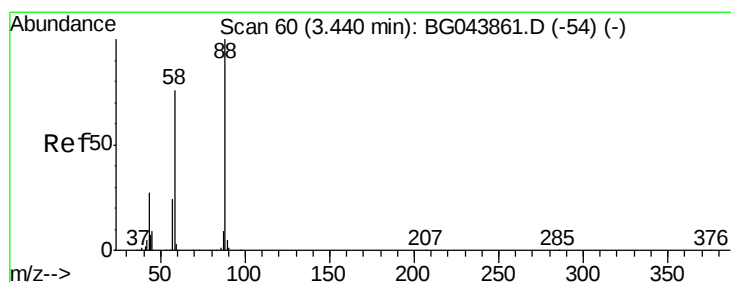
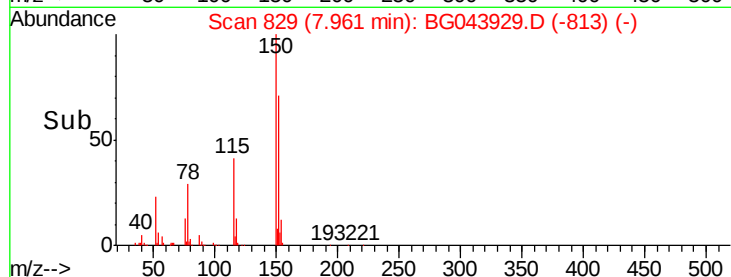
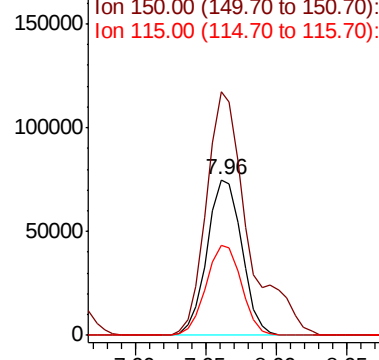


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

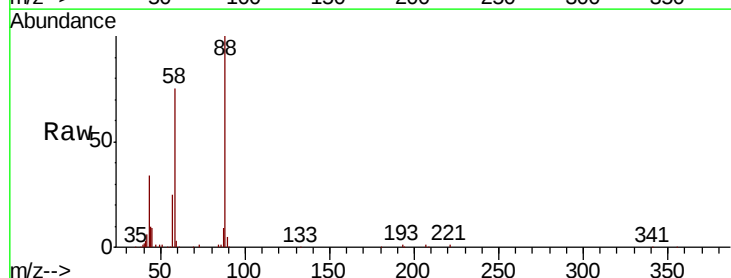
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.841 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	59.8	89.8
43	27.3	22.9	34.3

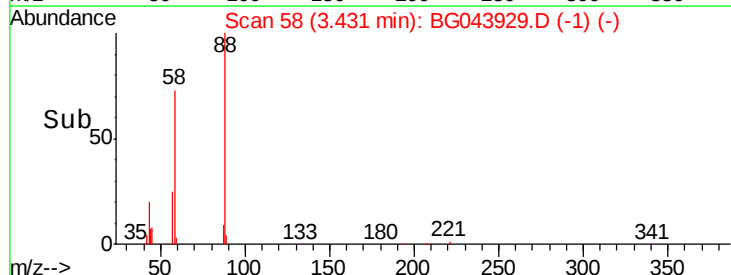
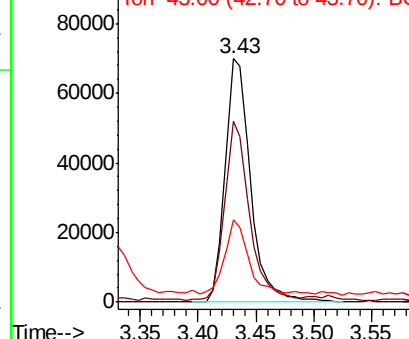


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.733 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

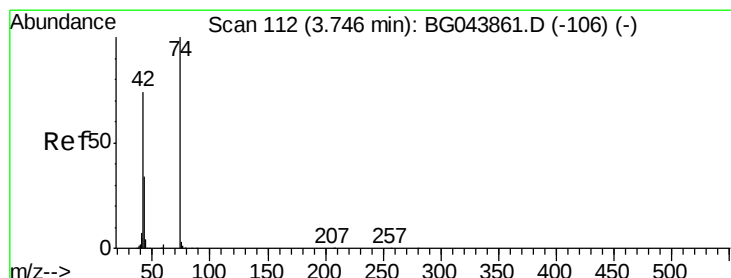
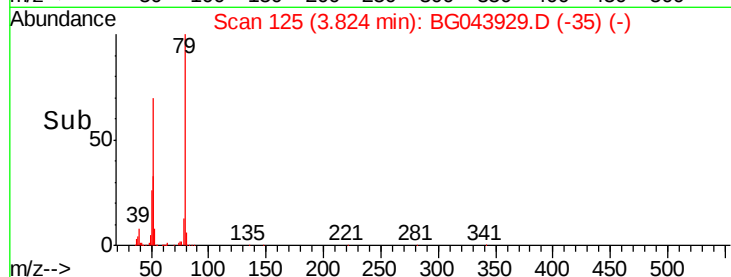
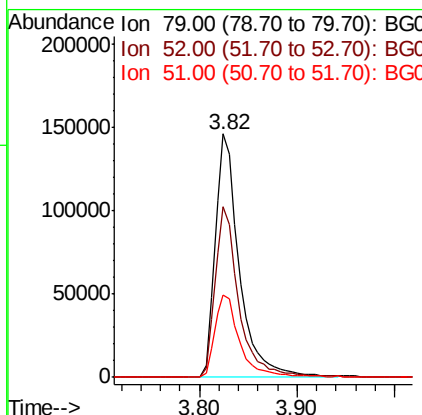
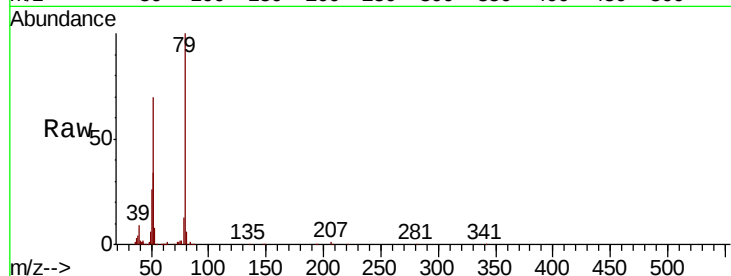
ClientSampleId :

PB125878BS

Tot Ion:	79	Resp:	250621
Ion	Ratio	Lower	Upper
79	100		
52	70.0	58.9	88.3
51	33.7	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 35.623 ng

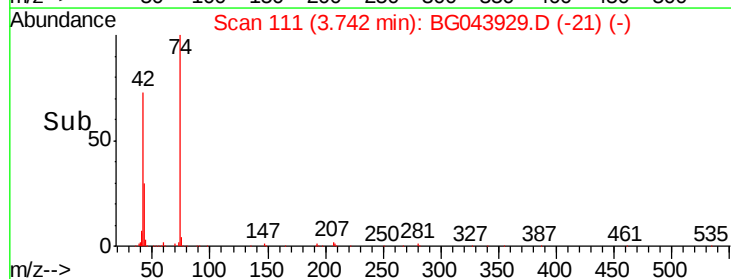
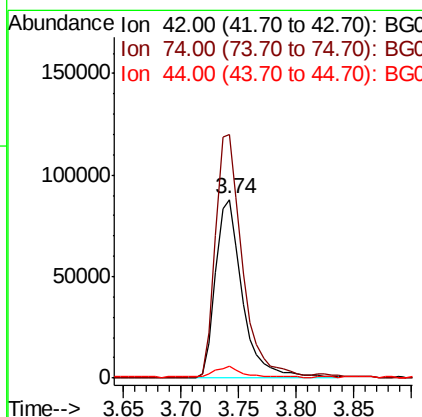
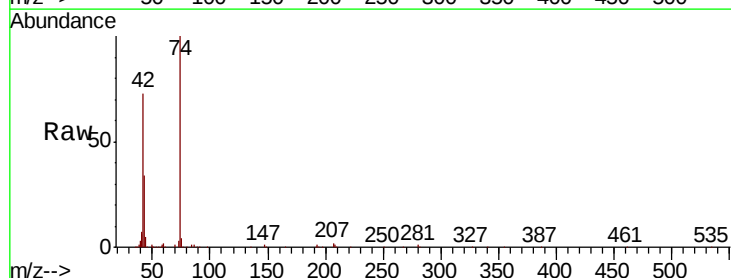
RT: 3.74 min Scan# 111

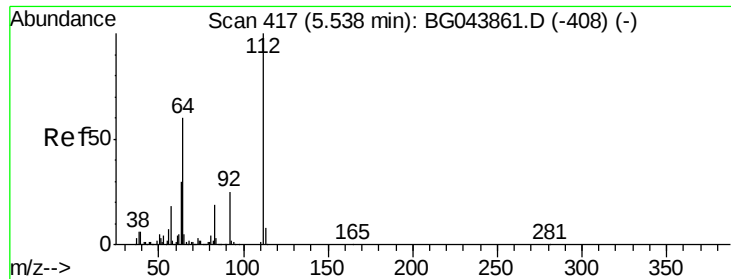
Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion:	42	Resp:	143329
Ion	Ratio	Lower	Upper
42	100		
74	136.5	108.6	162.8
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 125.325 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

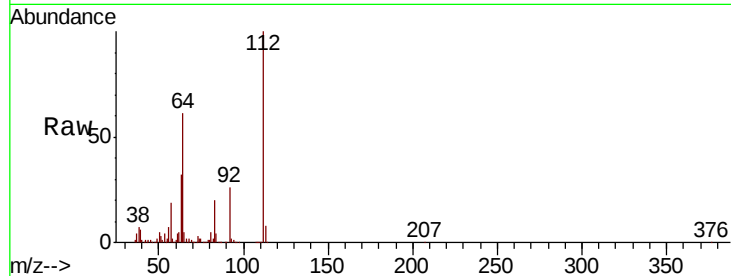
ClientSampleId :

PB125878BS

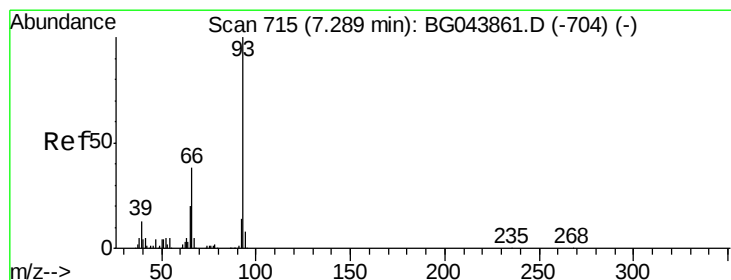
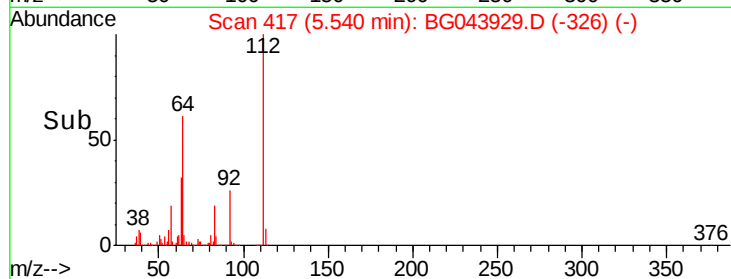
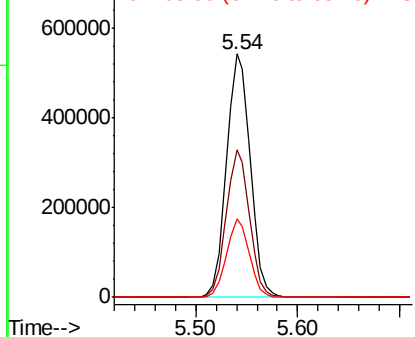
Tot Ion:	112	Resp:	879269
Ion Ratio	Lower	Upper	
112	100		
64	60.5	47.8	71.6
63	32.3	24.3	36.5

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.431 ng

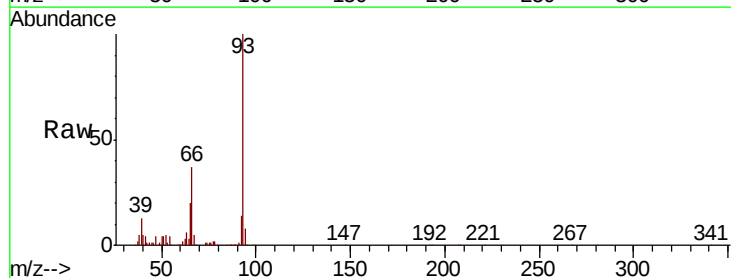
RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

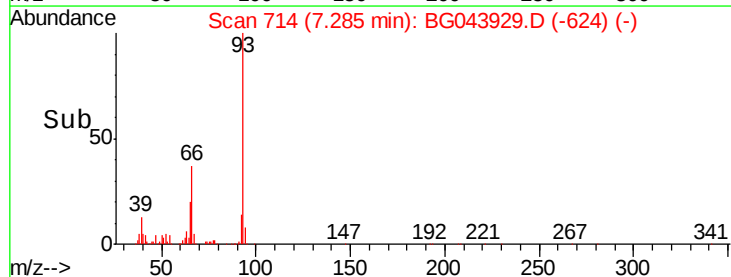
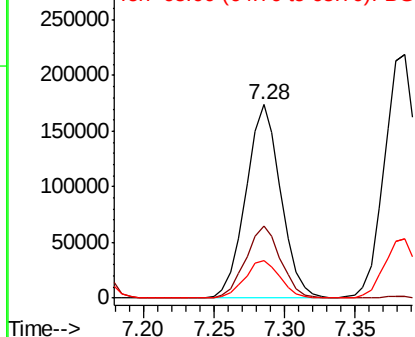
Lab File: BG043929.D

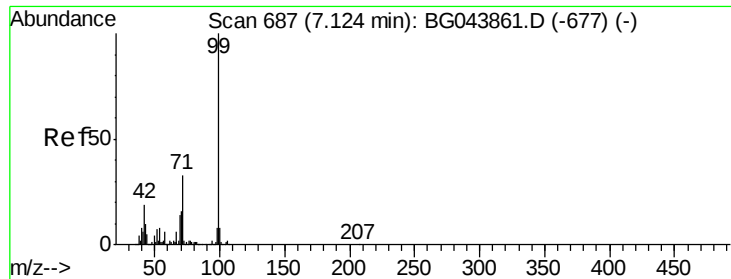
Acq: 6 Jan 2020 13:26

Tgt Ion:	93	Resp:	301821
Ion Ratio	Lower	Upper	
93	100		
66	37.3	30.8	46.2
65	19.7	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.814 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

ClientSampleId :

PB125878BS

Tot Ion: 99 Resp: 1175012

Ion Ratio Lower Upper

99 100

42 19.7 14.9 22.3

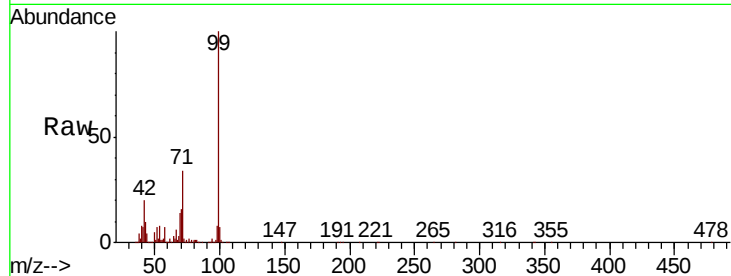
71 33.9 26.4 39.6

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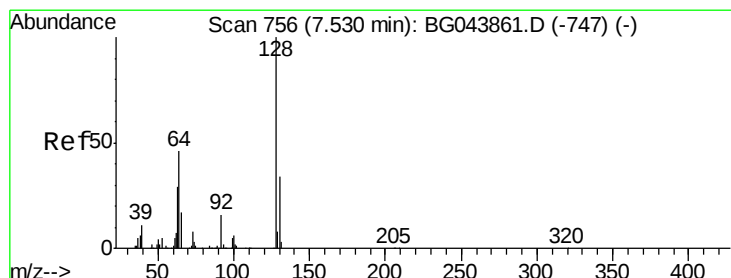
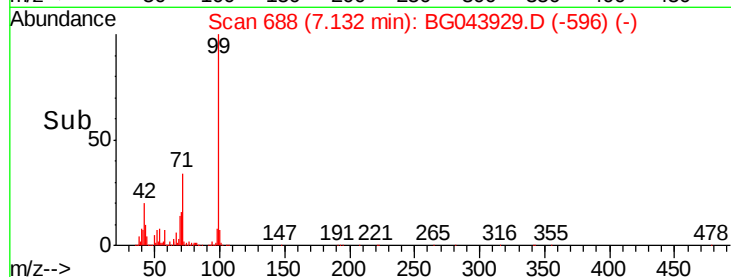
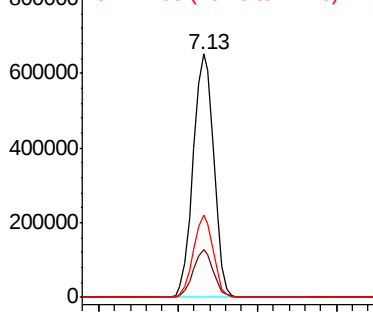
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.241 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

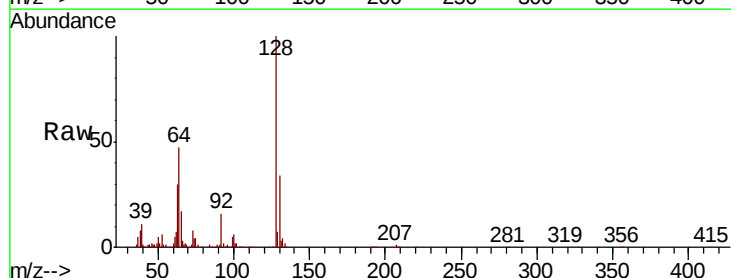
Tgt Ion:128 Resp: 380869

Ion Ratio Lower Upper

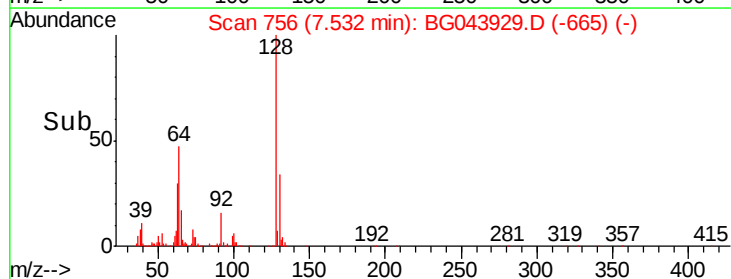
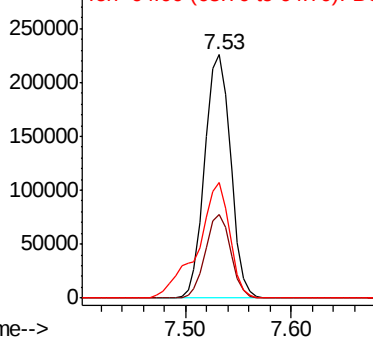
128 100

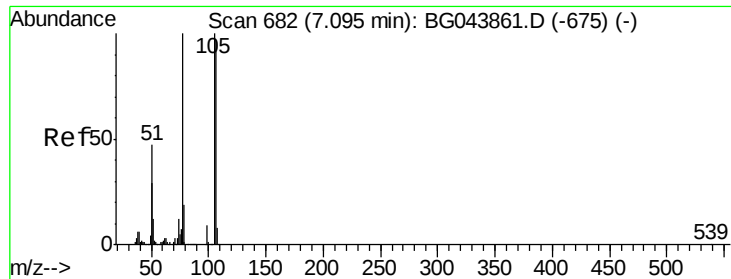
130 34.5 13.8 53.8

64 47.3 27.6 67.6



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





#9

Benzaldehyde

Concen: 37.238 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

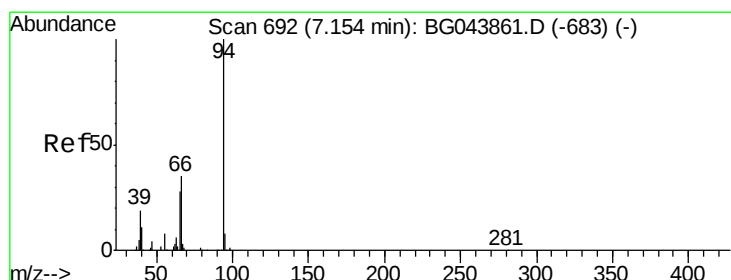
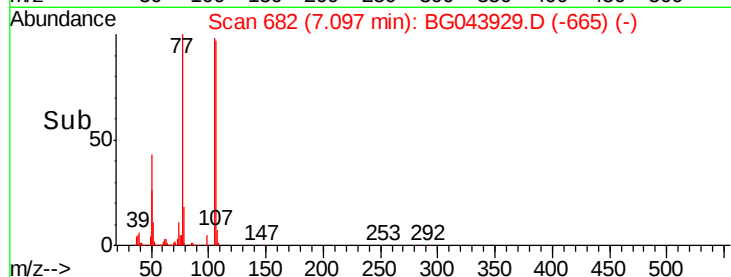
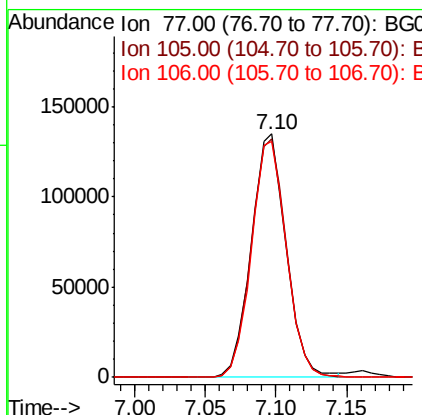
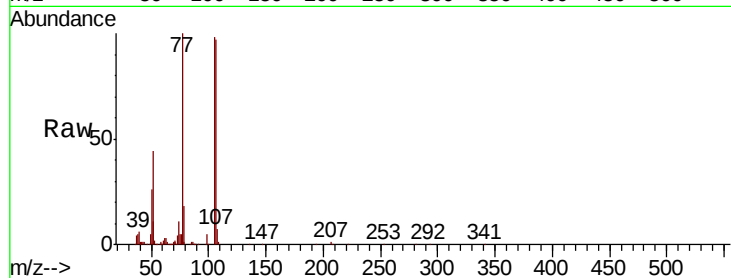
ClientSampleId :

PB125878BS

Tot Ion:	77	Resp:	233729
Ion	Ratio	Lower	Upper
77	100		
105	98.1	80.2	120.2
106	96.8	77.2	117.2

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#10

Phenol

Concen: 47.532 ng

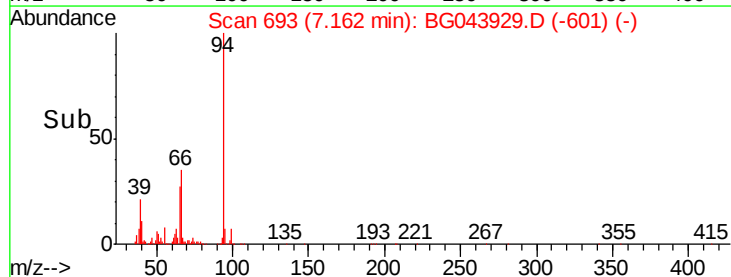
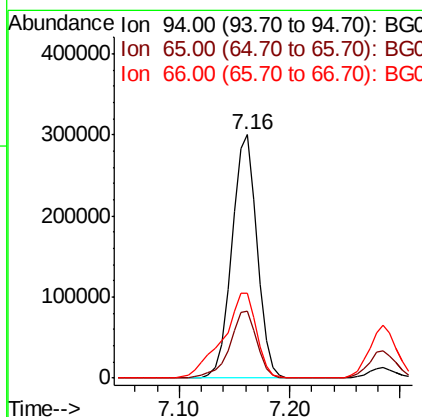
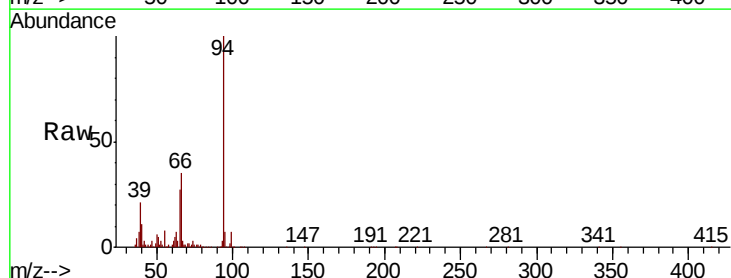
RT: 7.16 min Scan# 693

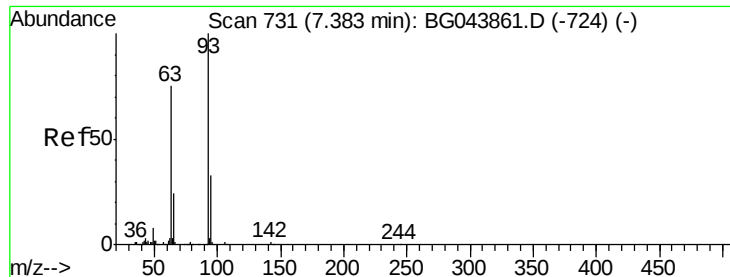
Delta R.T. 0.01 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion:	94	Resp:	480280
Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	34.7	15.6	55.6





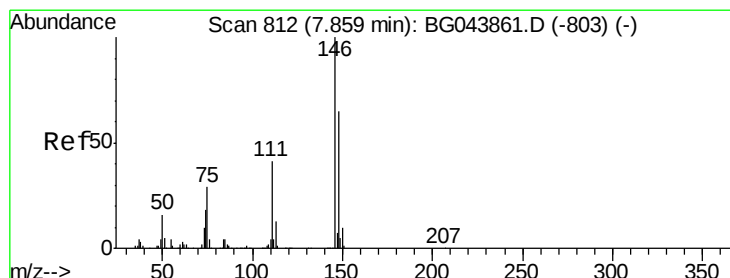
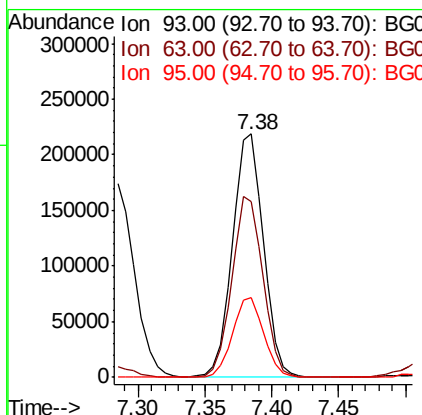
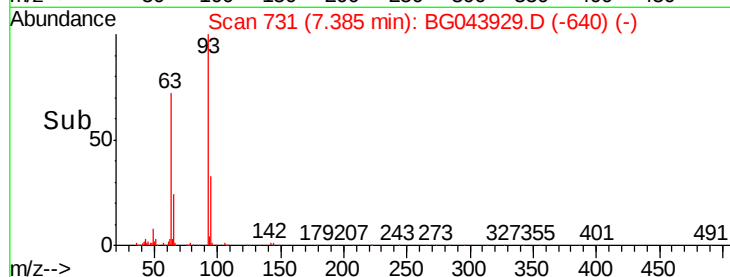
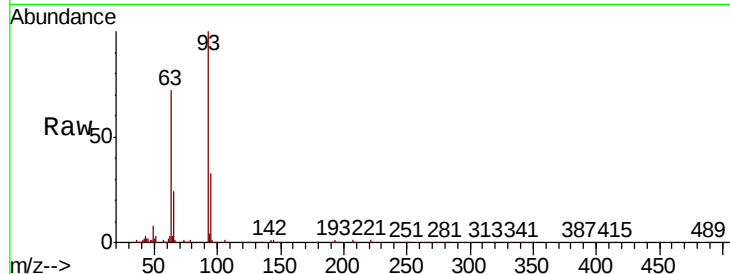
#11
bis(2-Chloroethyl)ether
Concen: 40.364 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.4	55.0	95.0	
95	32.9	13.3	53.3	

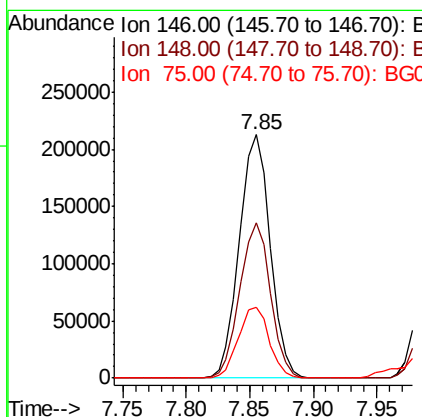
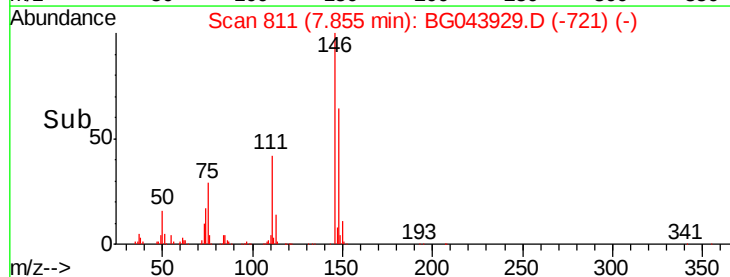
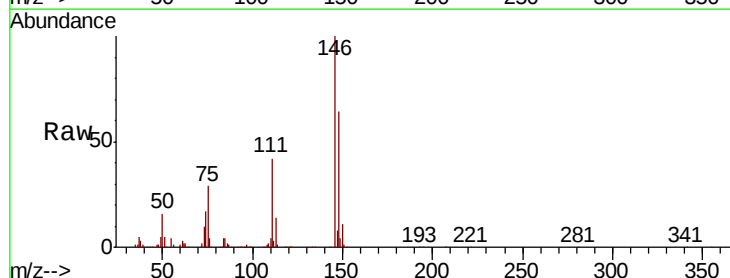
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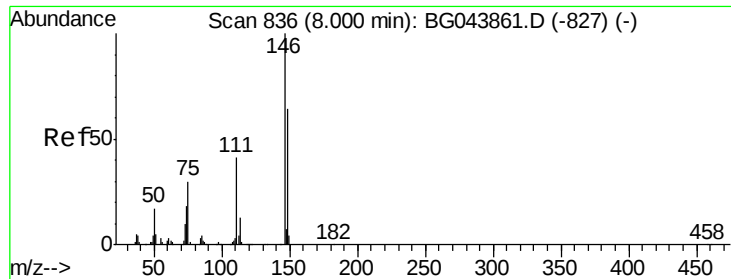
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.335 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.0	52.1	78.1	
75	28.9	23.0	34.4	





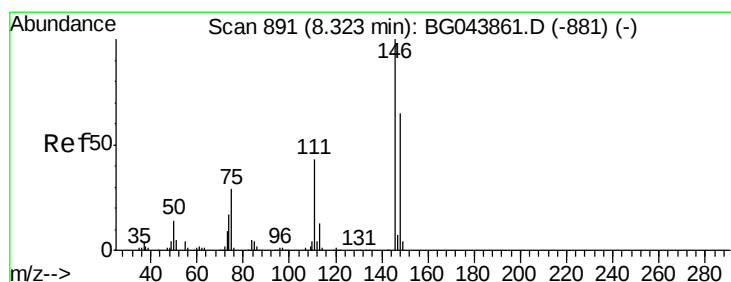
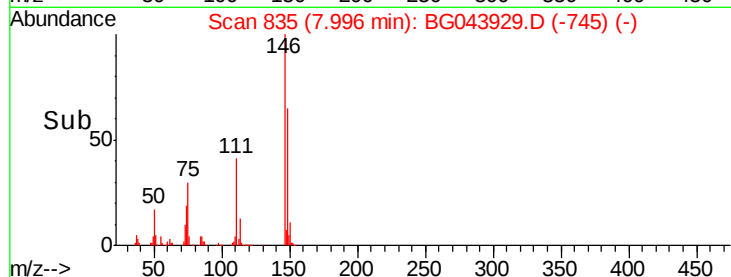
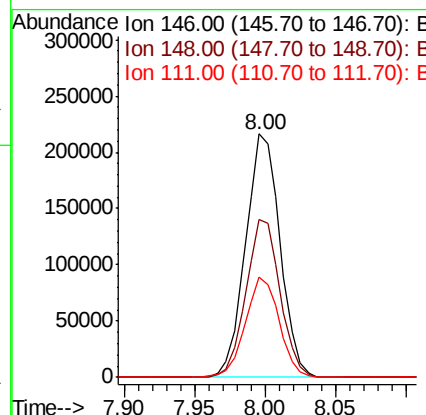
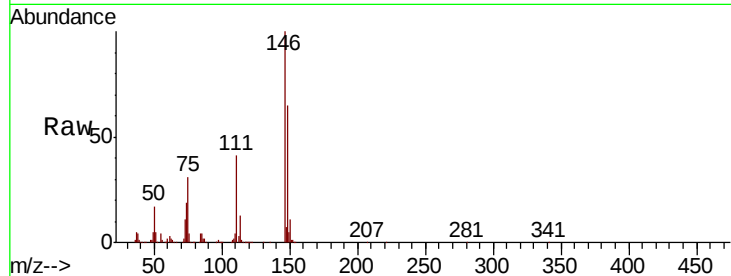
#13
 1,4-Dichlorobenzene
 Concen: 38.846 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Instrument :
 BNA_G
 ClientSampleID :
 PB125878BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	41.1	33.1	49.7

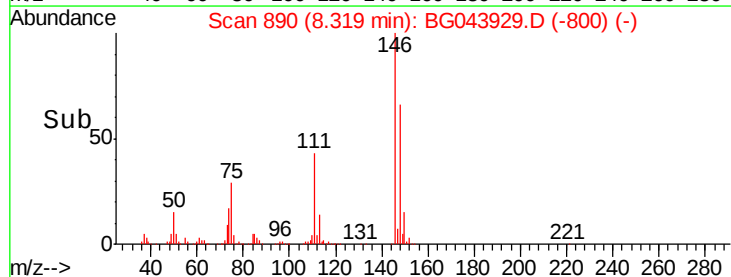
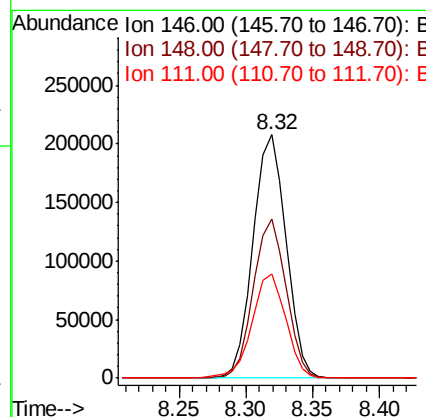
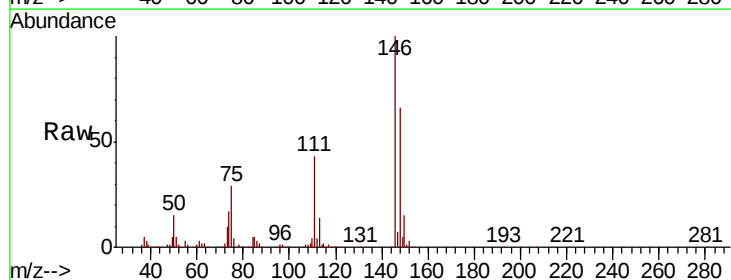
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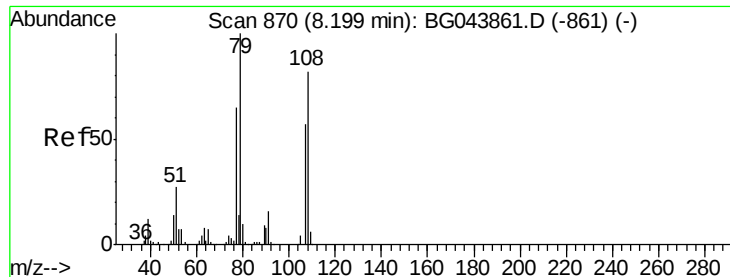
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.839 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.7	77.5
111	42.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.322 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

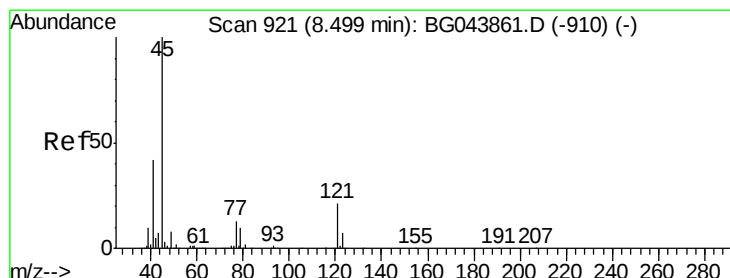
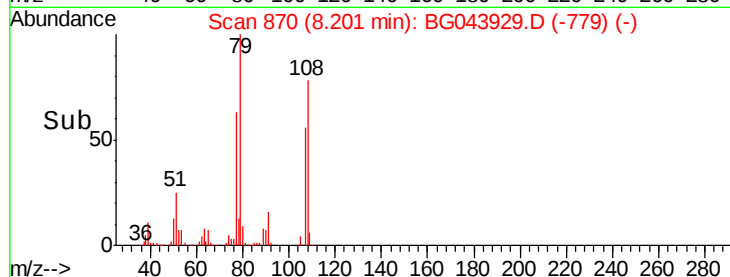
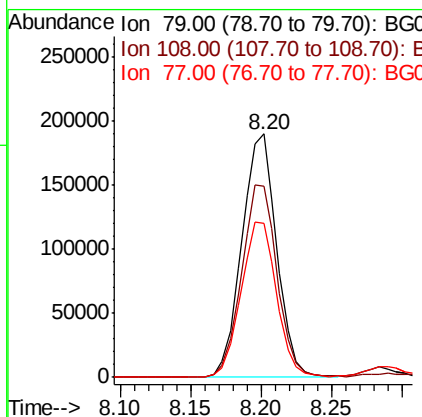
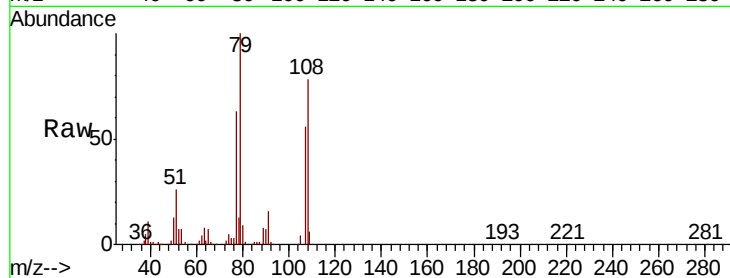
ClientSampleId :

PB125878BS

Tot Ion:	79	Resp:	327571
Ion	Ratio	Lower	Upper
79	100		
108	78.3	65.6	98.4
77	63.0	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.196 ng

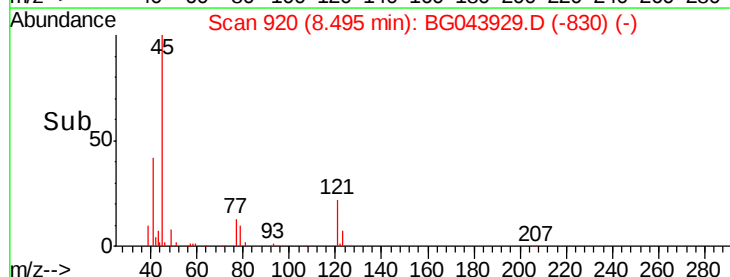
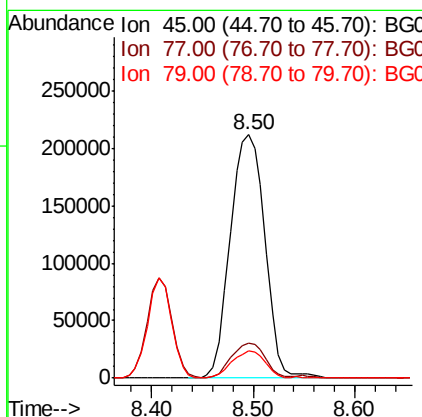
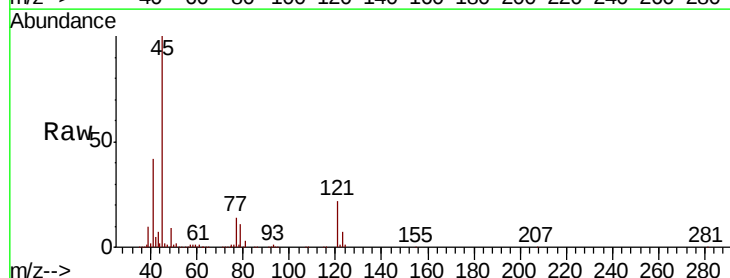
RT: 8.50 min Scan# 920

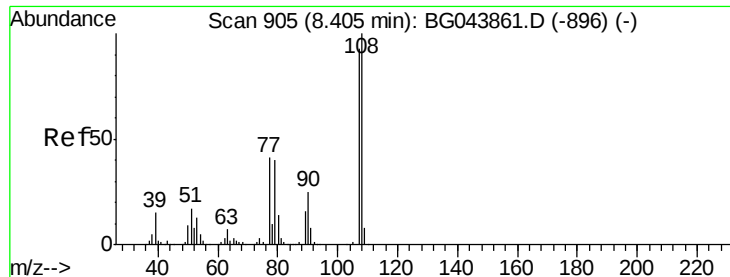
Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion:	45	Resp:	501916
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.8
79	11.2	0.0	31.0





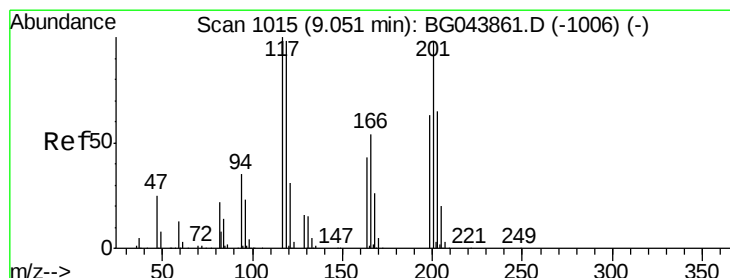
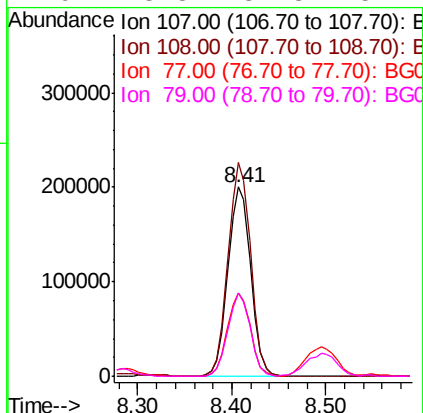
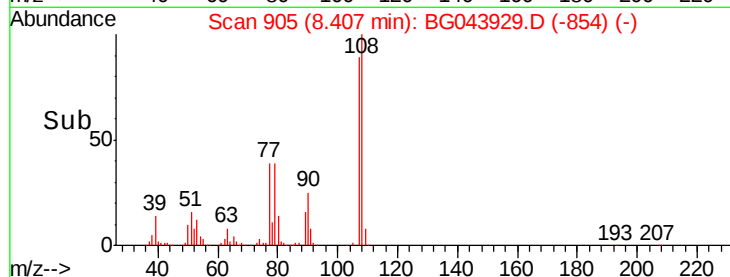
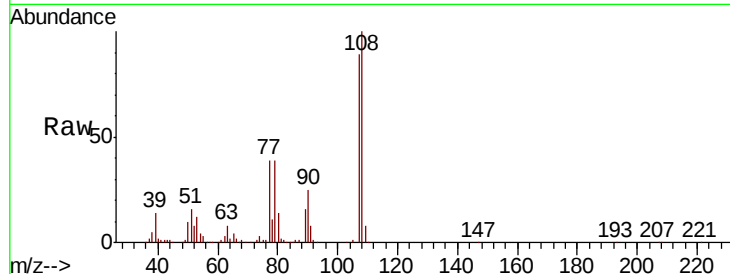
#17
2-Methylphenol
Concen: 46.183 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	86.1	129.1	
77	43.7	35.4	53.0	
79	43.8	34.8	52.2	

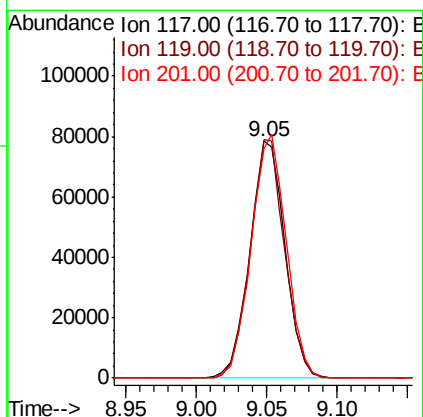
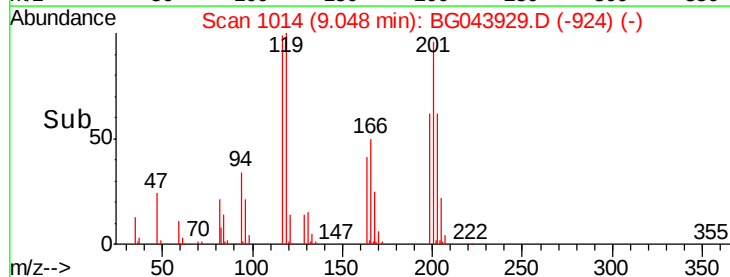
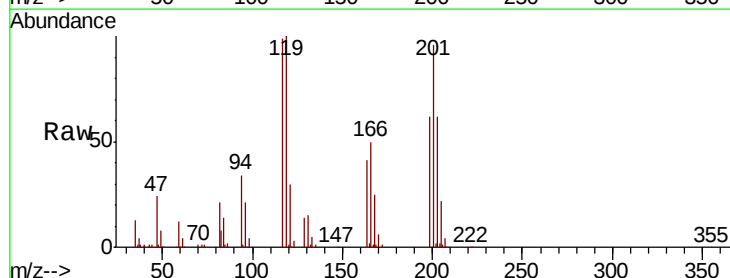
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#18
Hexachloroethane
Concen: 36.945 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.7	78.1	117.1	
201	96.6	78.6	117.8	





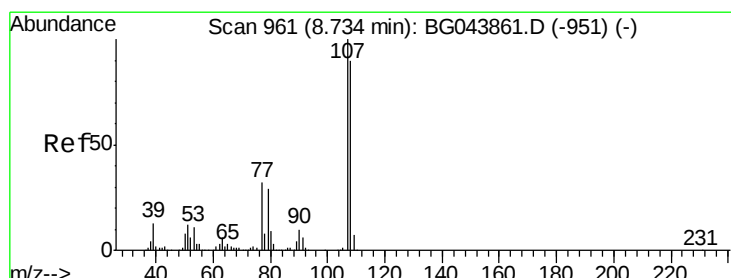
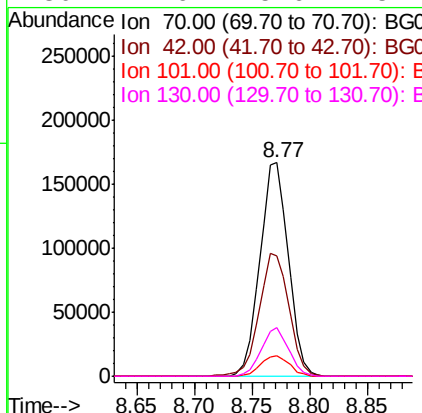
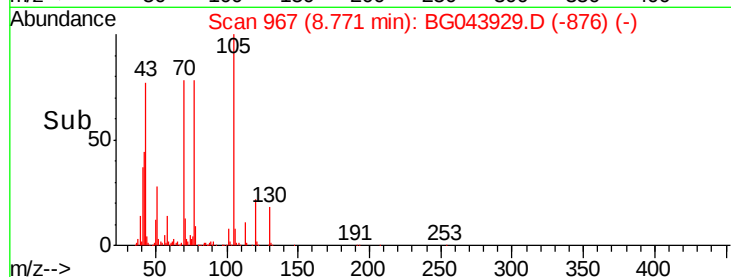
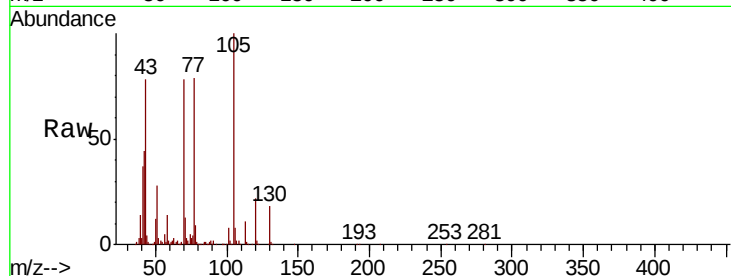
#19
n-Nitroso-di-n-propylamine
Concen: 39.389 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	47.0	70.4	
101	9.6	7.2	10.8	
130	22.6	15.6	23.4	

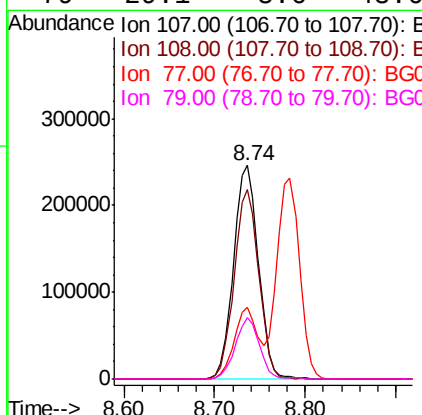
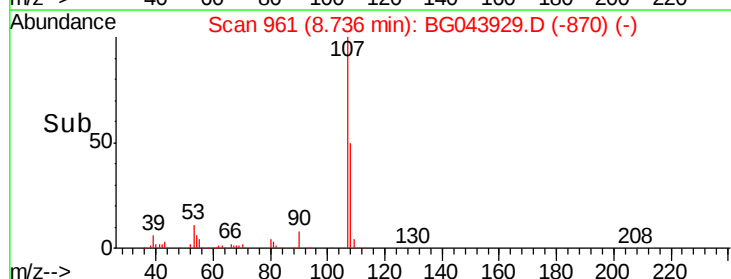
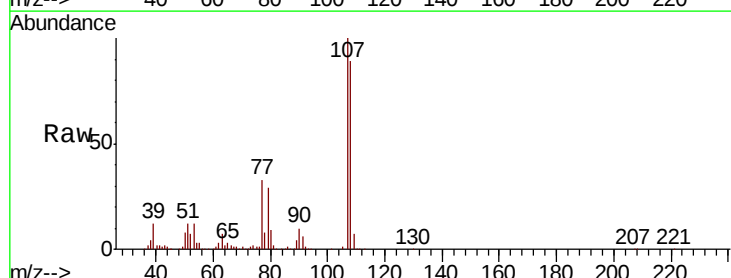
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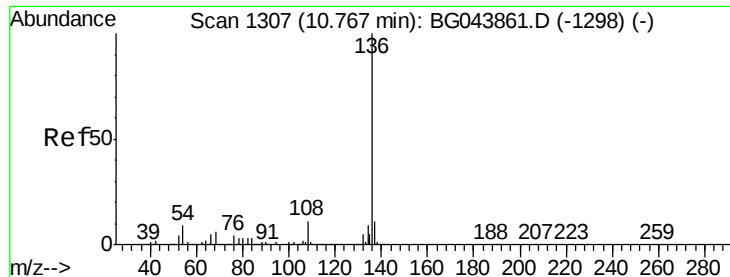
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#20
3+4-Methylphenols
Concen: 46.062 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	70.3	110.3	
77	33.5	12.4	52.4	
79	29.1	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

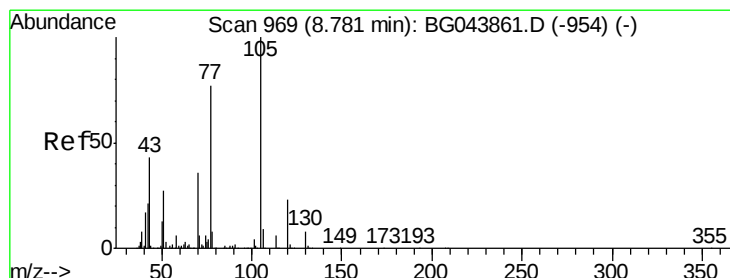
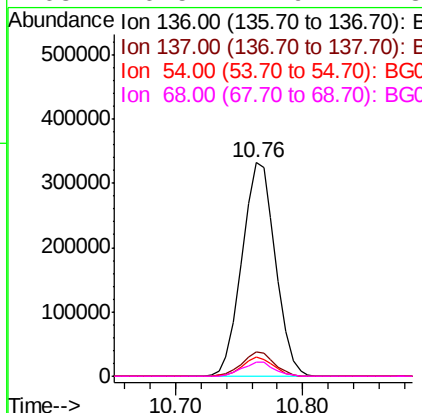
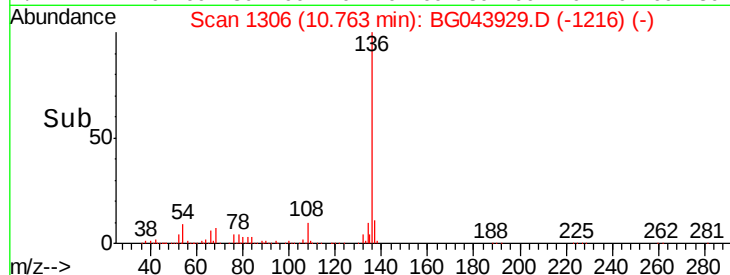
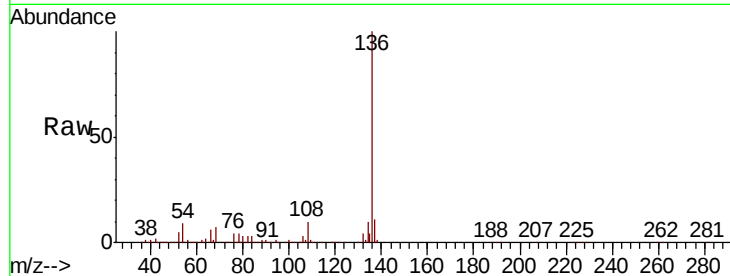
ClientSampleId :

PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	607115		
137	11.3	8.8	13.2	
54	8.8	7.0	10.4	
68	6.5	4.9	7.3	

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#22

Acetophenone

Concen: 34.929 ng

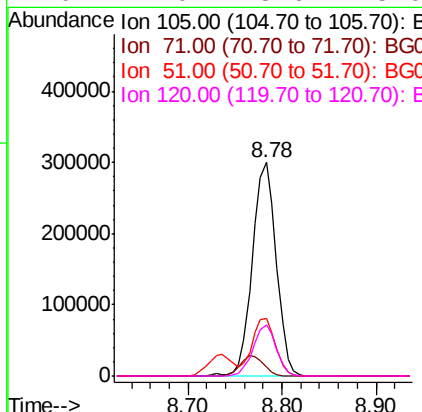
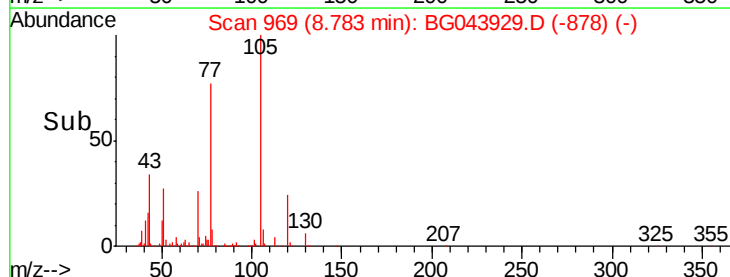
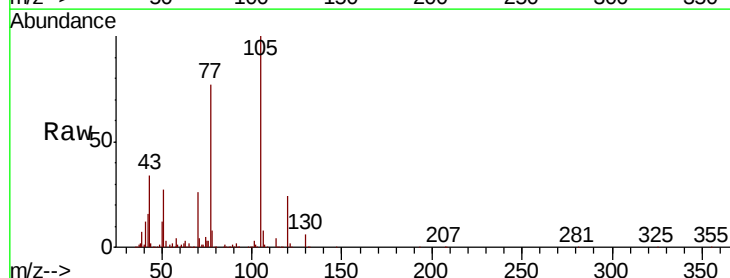
RT: 8.78 min Scan# 969

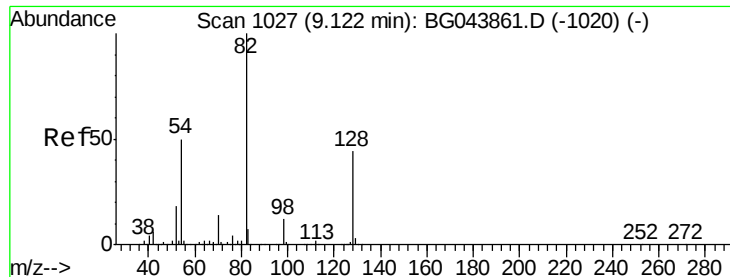
Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	527196		
71	4.5	4.8	7.2#	
51	26.8	21.4	32.0	
120	24.0	18.6	28.0	





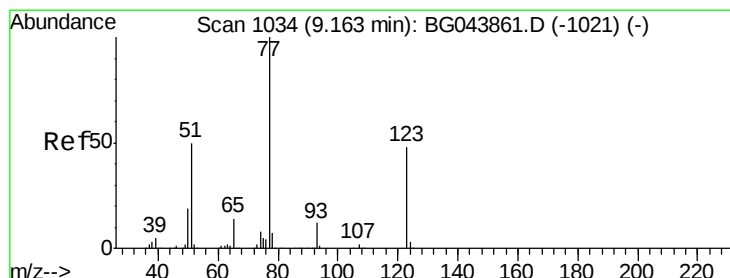
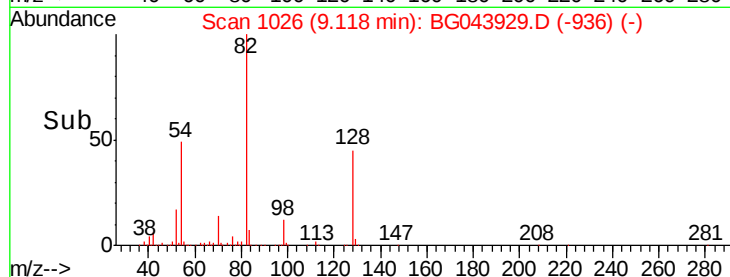
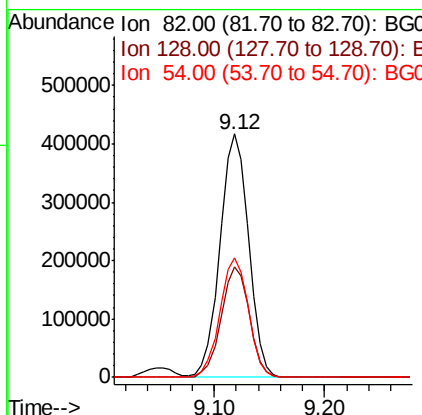
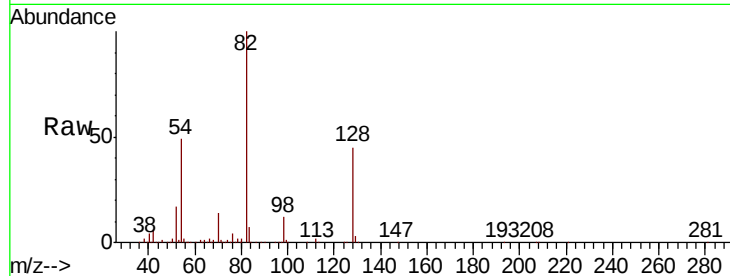
#23
Nitrobenzene-d5
Concen: 66.316 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	49.3	40.1	60.1

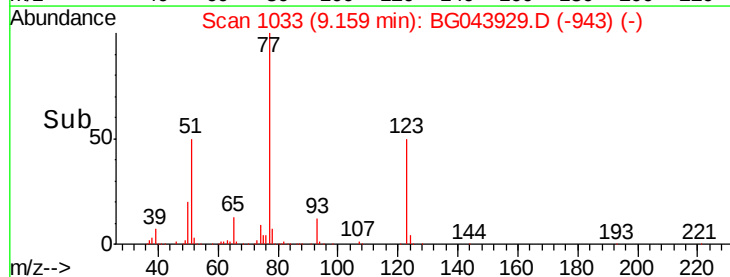
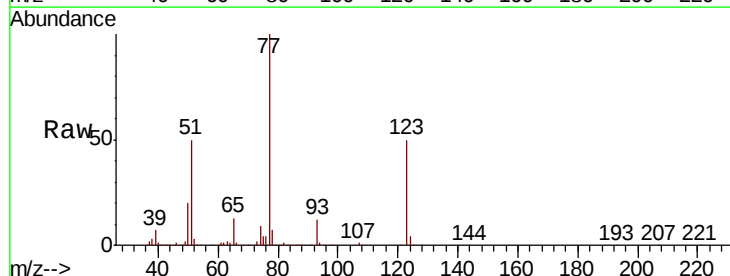
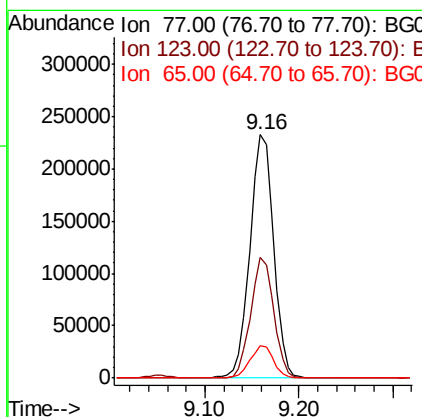
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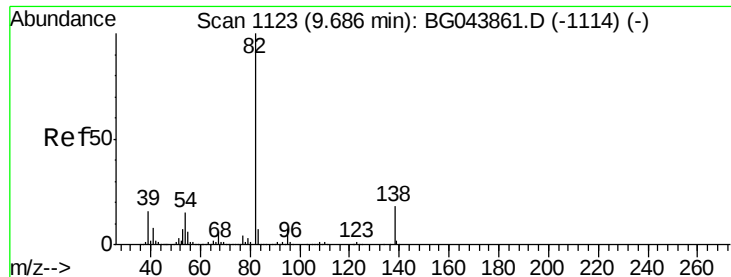
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#24
Nitrobenzene
Concen: 36.304 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	38.7	58.1
65	13.2	11.1	16.7





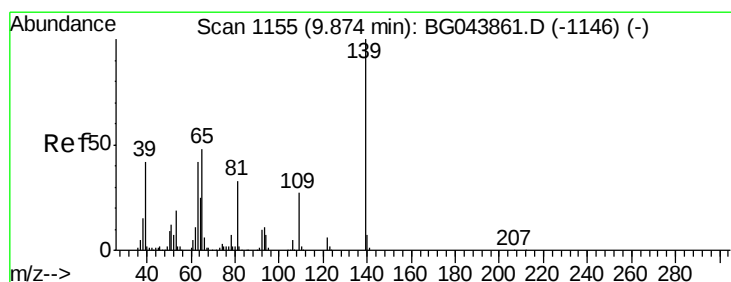
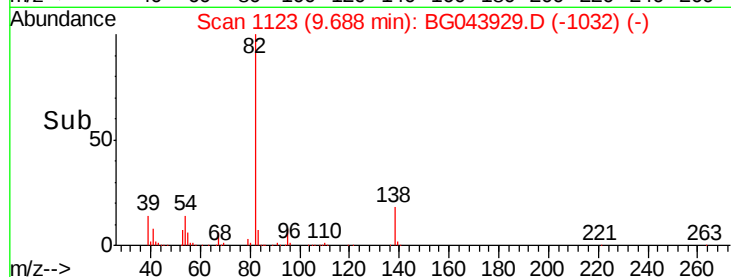
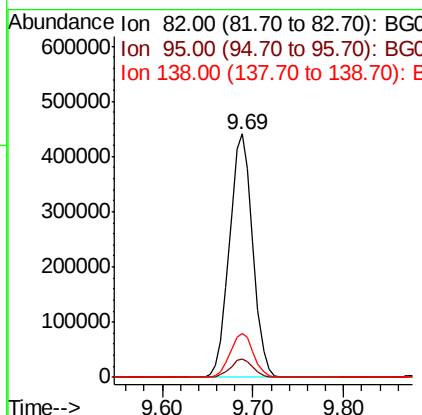
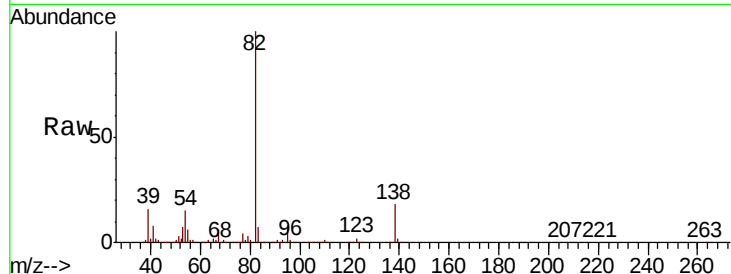
#25
Isophorone
Concen: 36.890 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	5.8	8.6	
138	18.3	14.6	22.0	

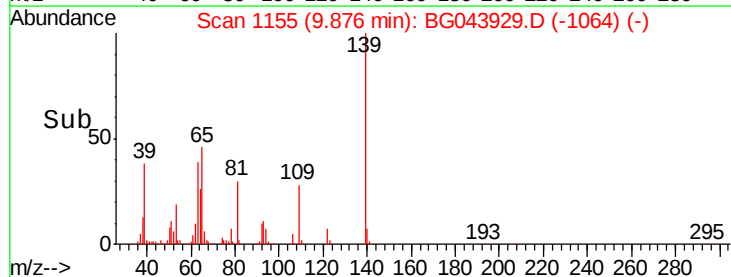
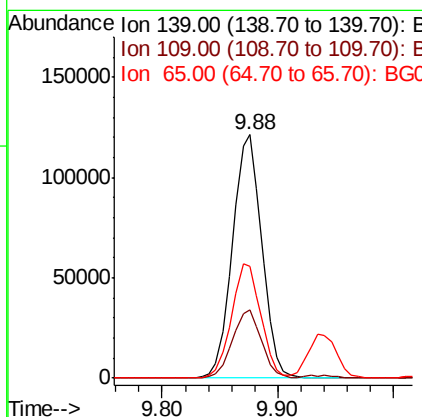
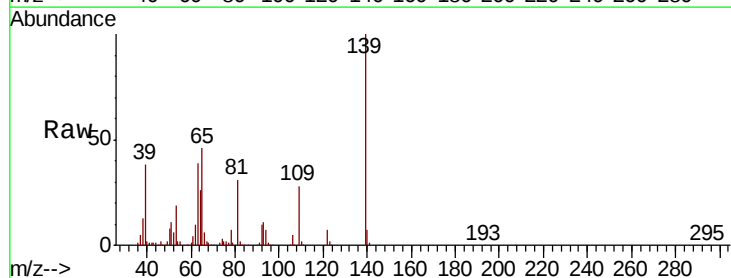
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#26
2-Nitrophenol
Concen: 40.135 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.8	21.3	31.9	
65	46.1	38.6	57.8	





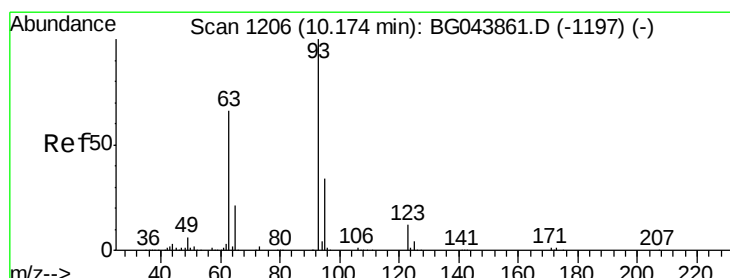
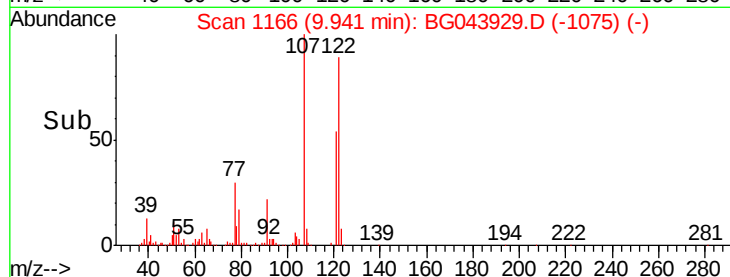
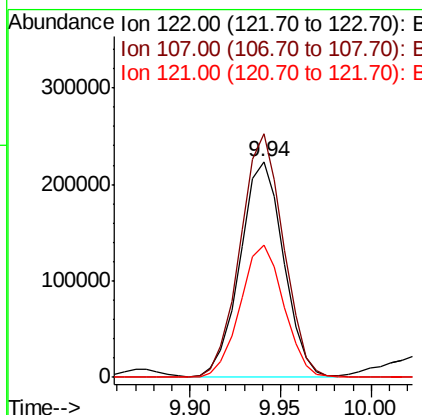
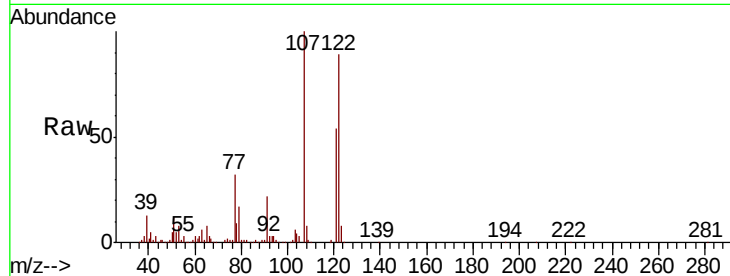
#27
2,4-Dimethylphenol
Concen: 46.614 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	88.0	132.0
121	61.0	49.0	73.4

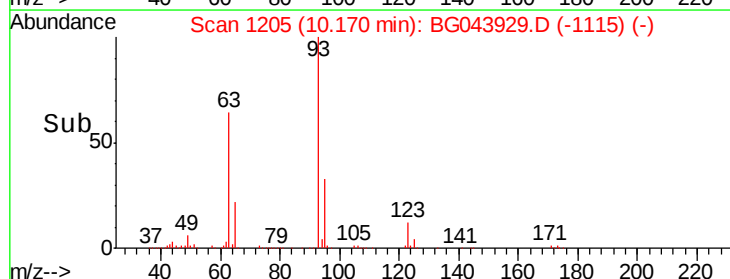
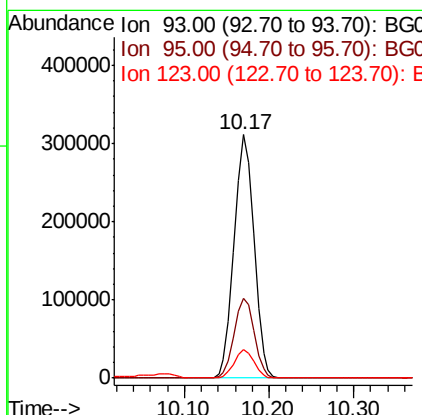
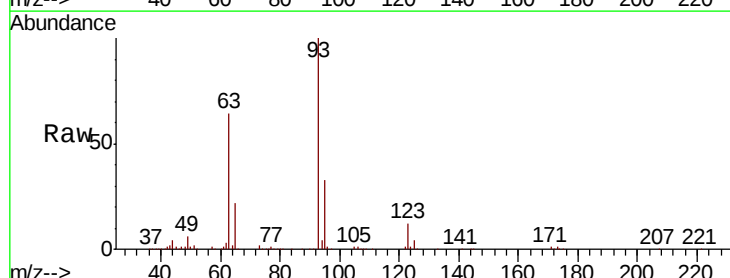
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#28
bis(2-Chloroethoxy)methane
Concen: 35.393 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.2	40.8
123	11.9	9.7	14.5





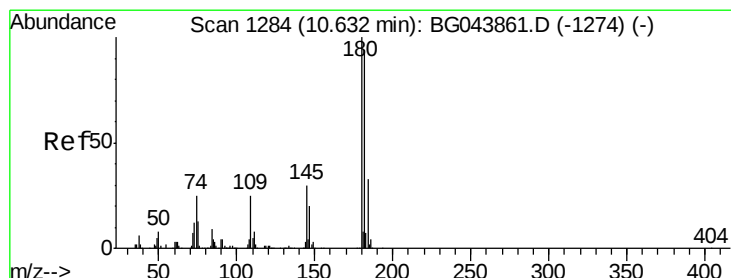
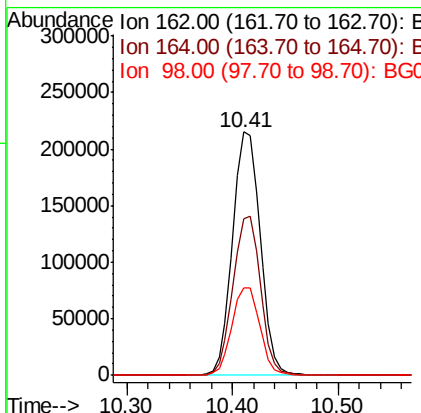
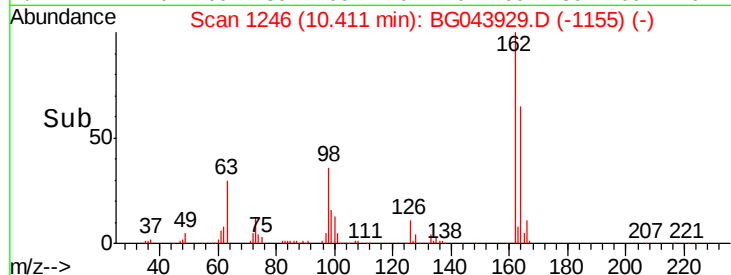
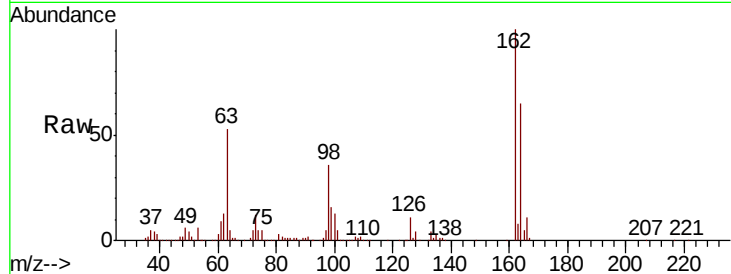
#29
 2,4-Dichlorophenol
 Concen: 40.873 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	390276		
164	64.5	46.3	86.3	
98	36.0	17.3	57.3	

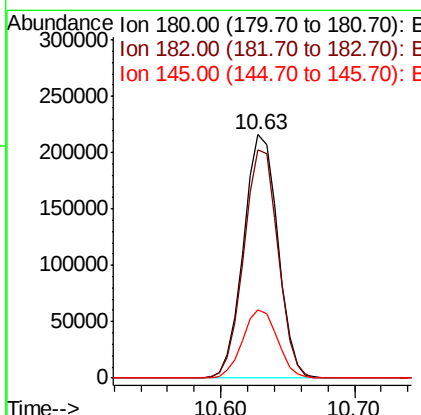
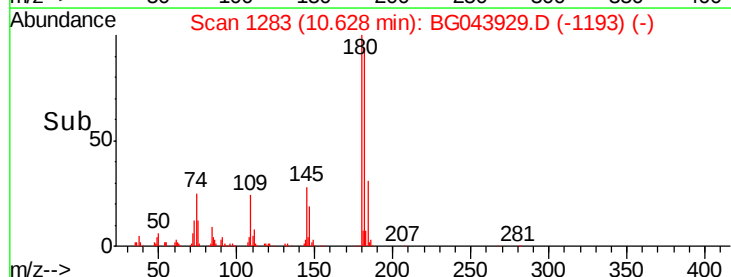
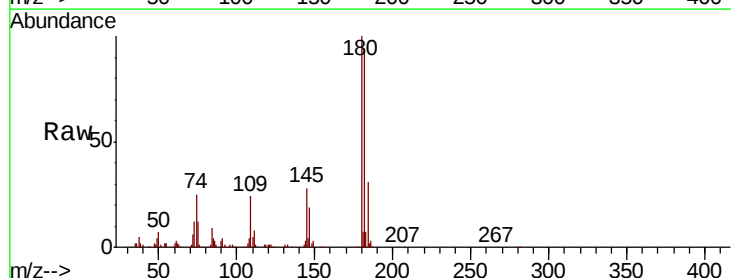
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.679 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	381993		
182	93.8	75.0	112.4	
145	28.2	24.2	36.4	





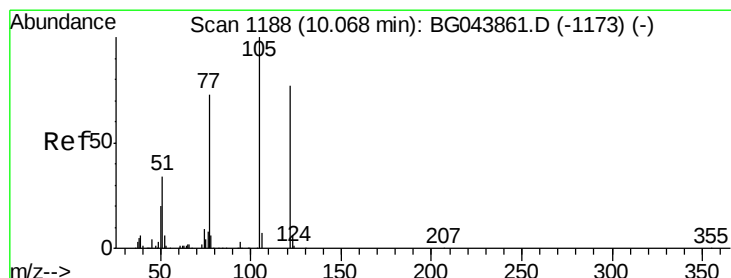
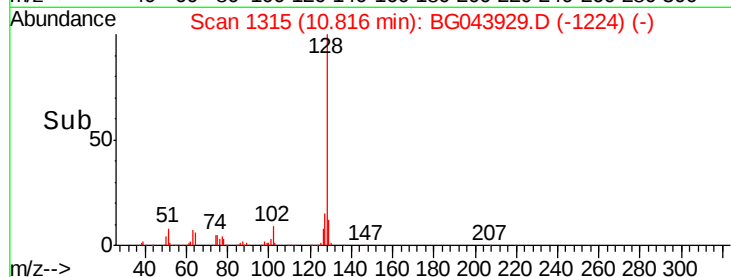
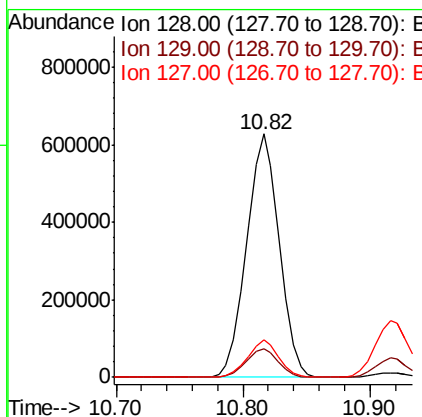
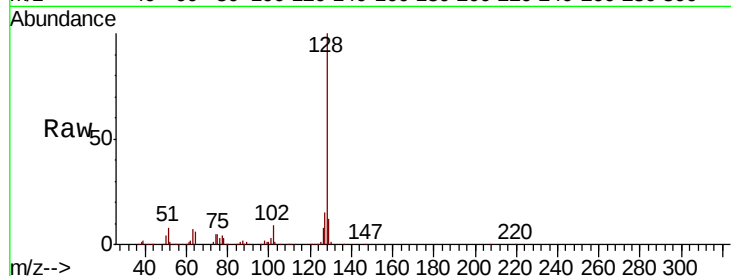
#31
Naphthalene
Concen: 38.113 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	15.2	12.0	18.0

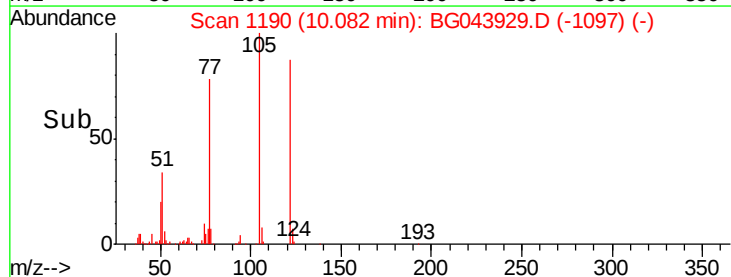
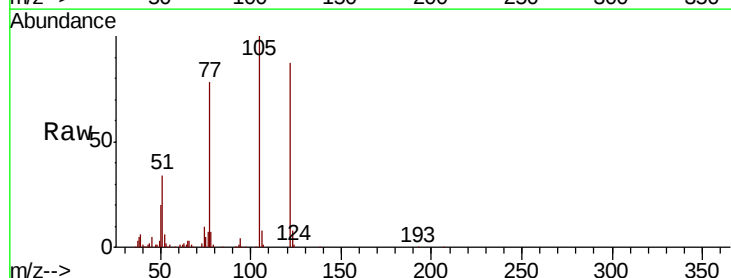
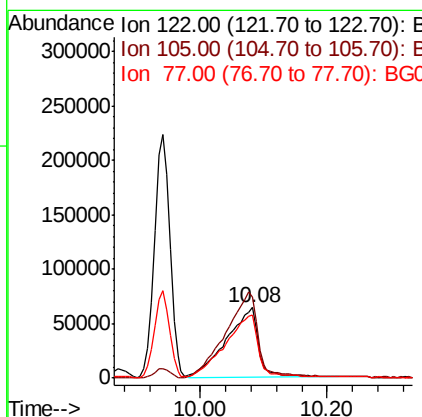
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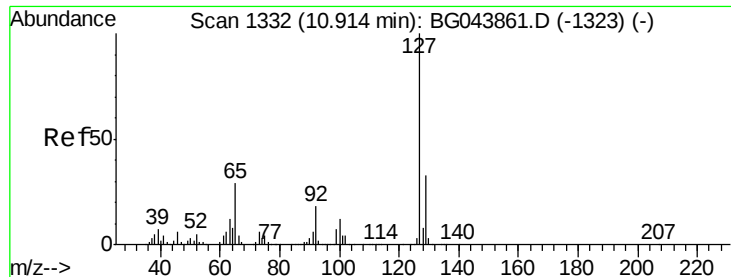
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#32
Benzoic acid
Concen: 36.422 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.6	106.4	146.4
77	89.1	74.6	114.6





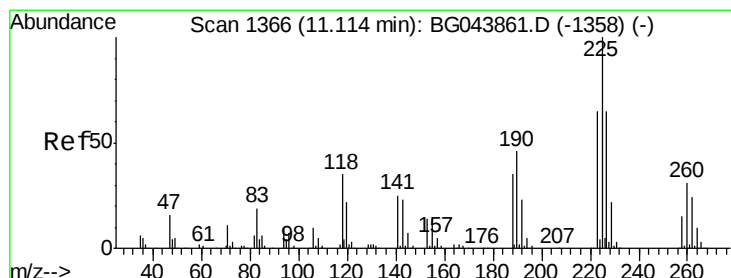
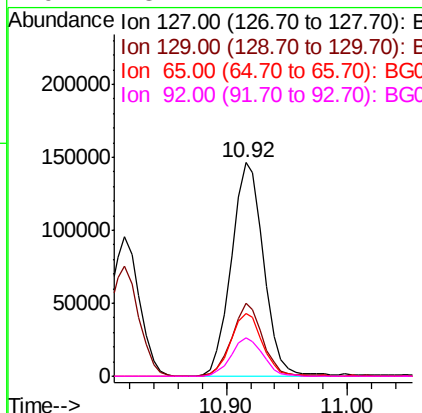
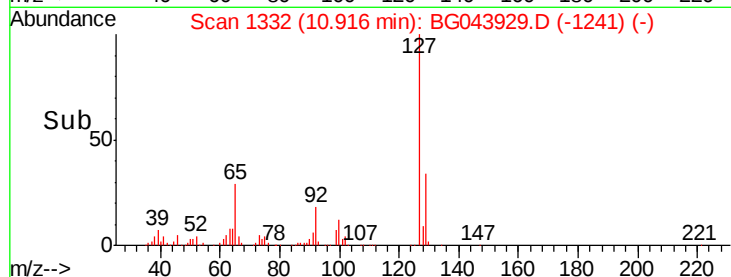
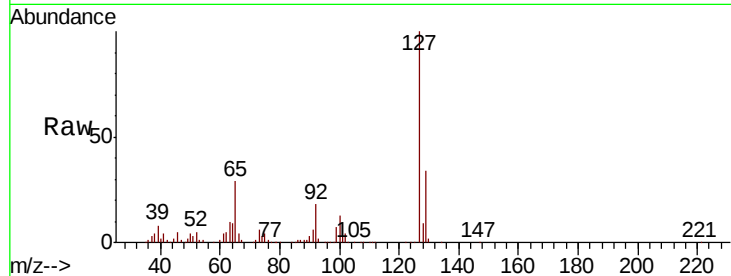
#33
4-Chloroaniline
Concen: 19.490 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	29.1	23.3	34.9
92	18.1	14.7	22.1

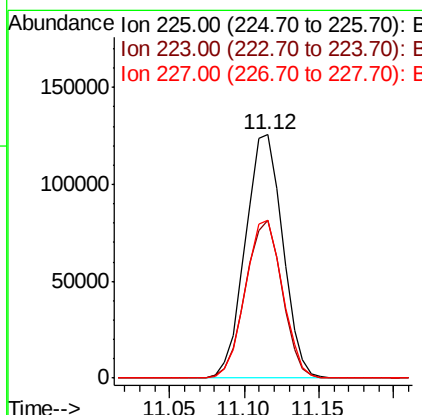
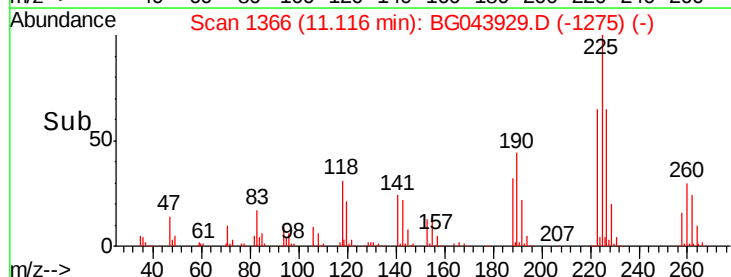
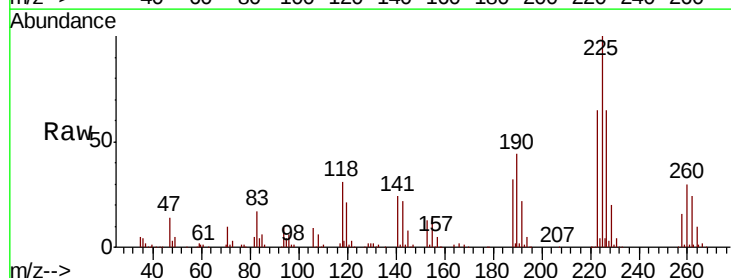
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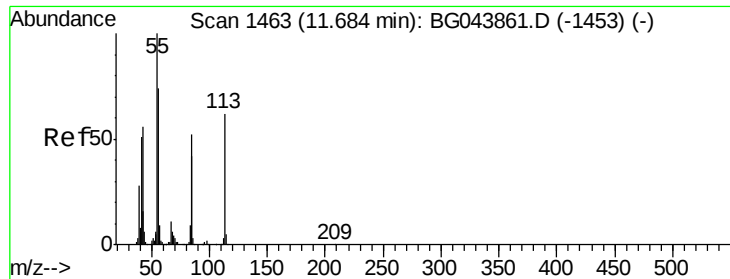
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#34
Hexachlorobutadiene
Concen: 33.282 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.2	78.4
227	64.9	52.1	78.1





#35

Caprolactam

Concen: 42.303 ng/ml

RT: 11.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

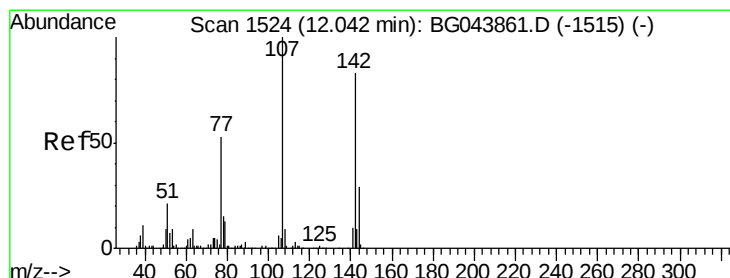
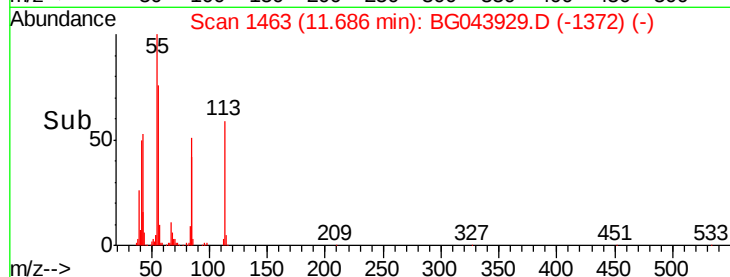
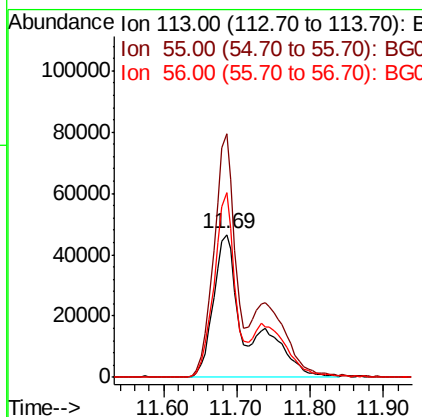
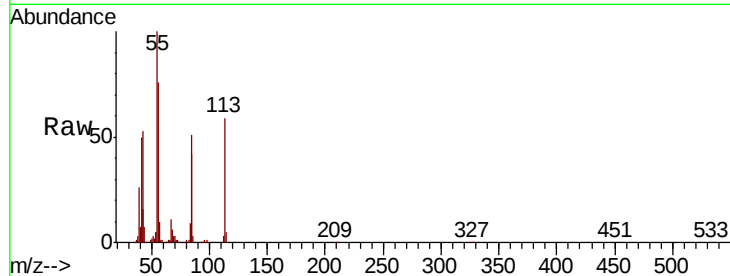
ClientSampleId :

PB125878BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		150371		
55	170.7	142.5	182.5		
56	129.7	101.4	141.4		

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#36

4-Chloro-3-methylphenol

Concen: 41.507 ng/ml

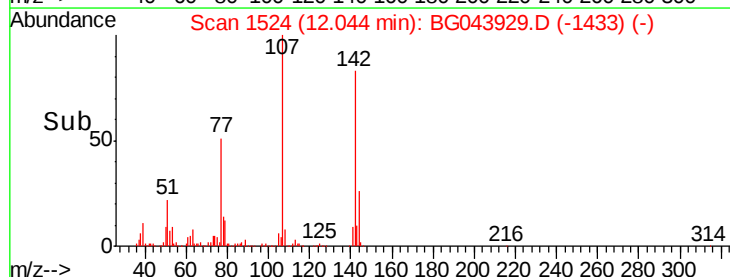
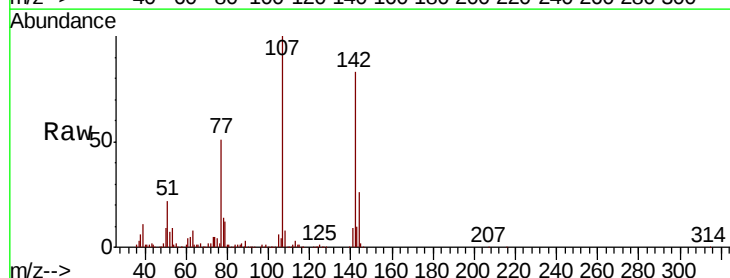
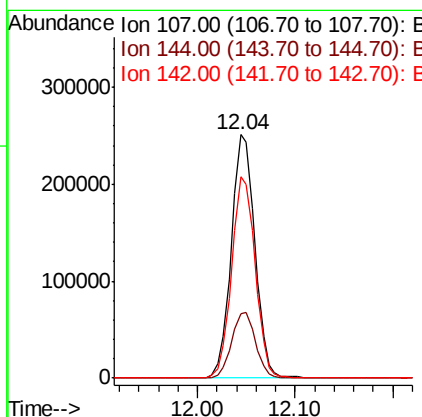
RT: 12.04 min Scan# 1524

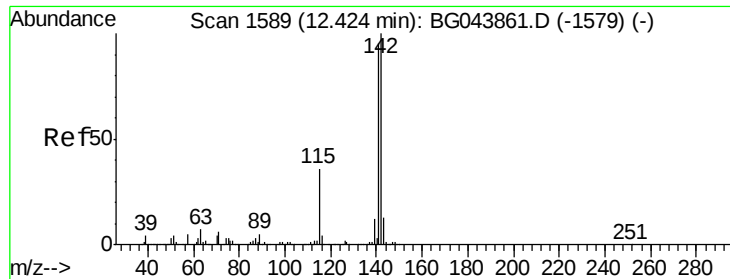
Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		421923		
144	26.4	23.4	35.2		
142	82.8	66.3	99.5		





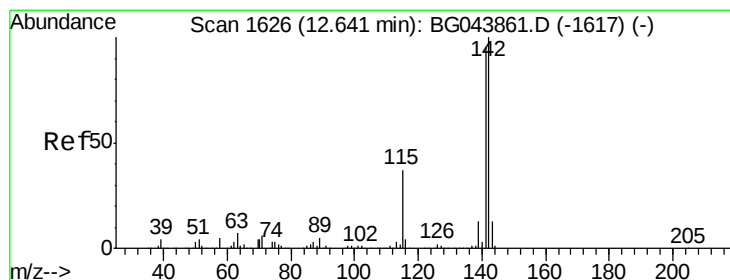
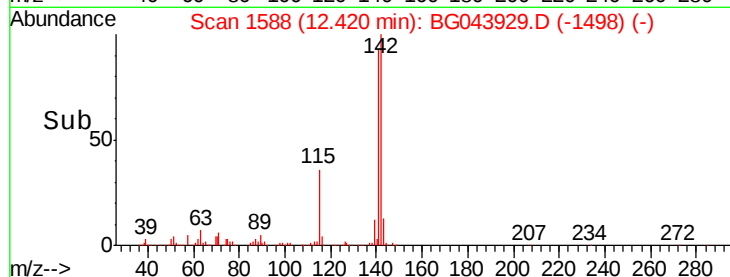
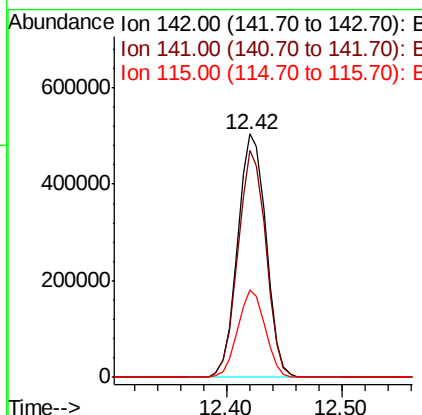
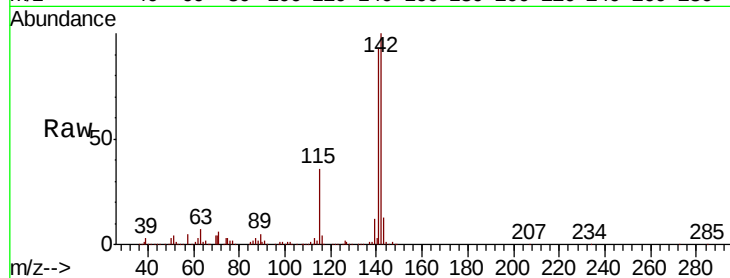
#37
2-Methylnaphthalene
Concen: 38.697 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.8	113.8
115	35.8	28.6	42.8

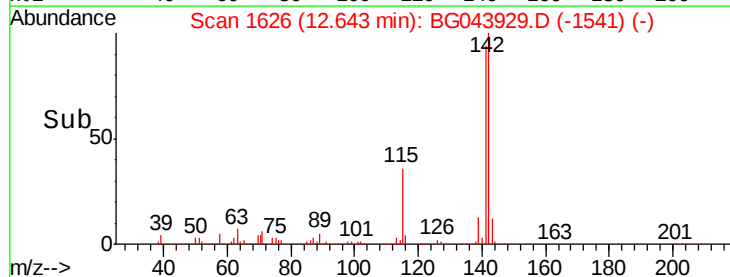
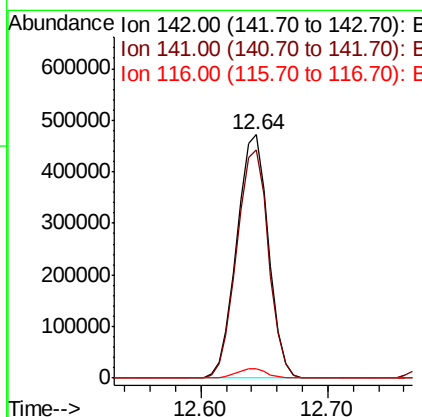
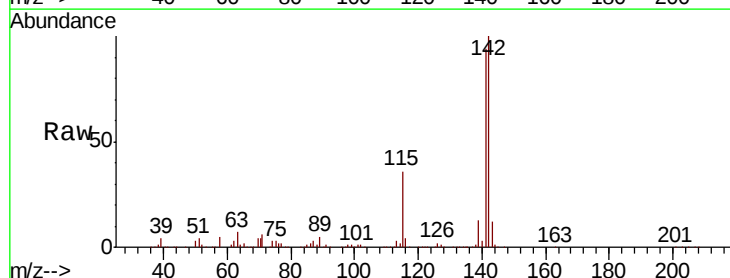
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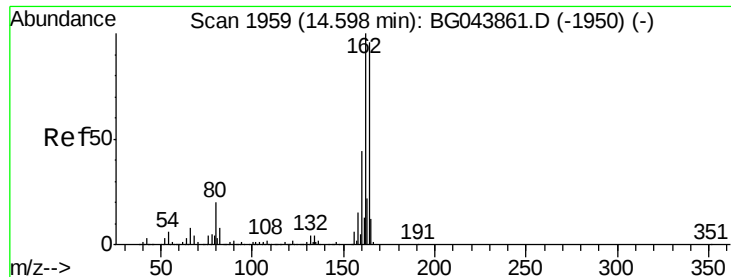
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#38
1-Methylnaphthalene
Concen: 38.919 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

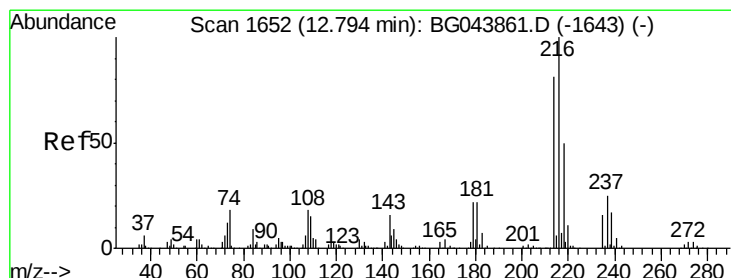
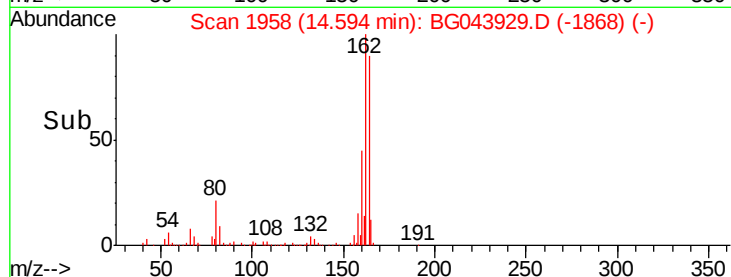
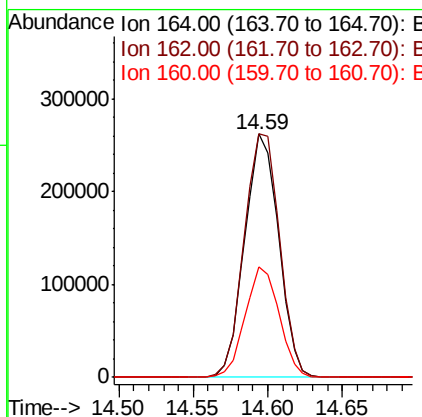
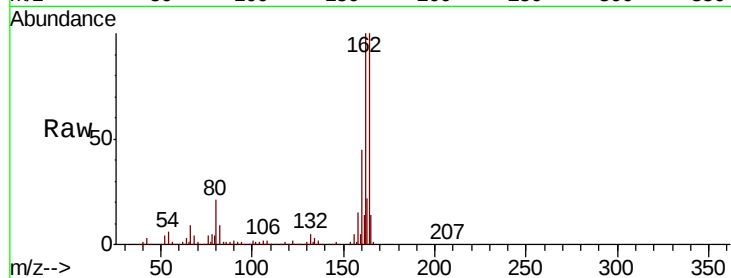
ClientSampleId :

PB125878BS

Tot Ion:	164	Resp:	412569
Ion Ratio	Lower	Upper	
164	100		
162	99.8	83.0	124.4
160	45.2	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.634 ng

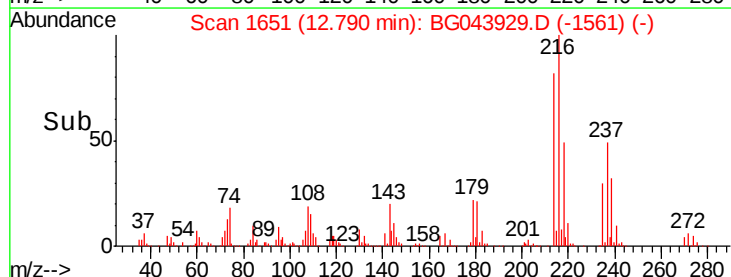
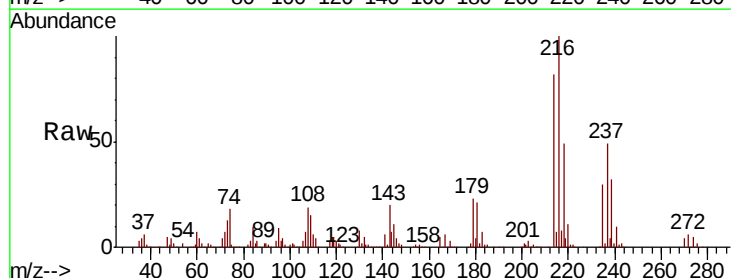
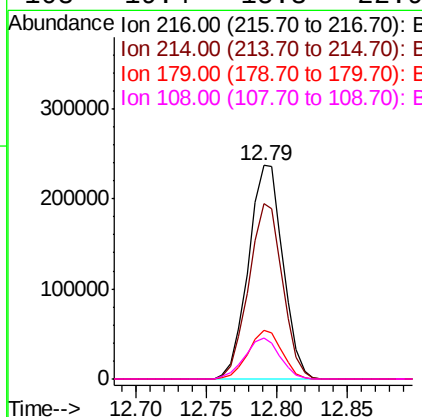
RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion:	216	Resp:	406721
Ion Ratio	Lower	Upper	
216	100		
214	80.5	63.8	95.8
179	22.2	17.3	25.9
108	19.4	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 49.876 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

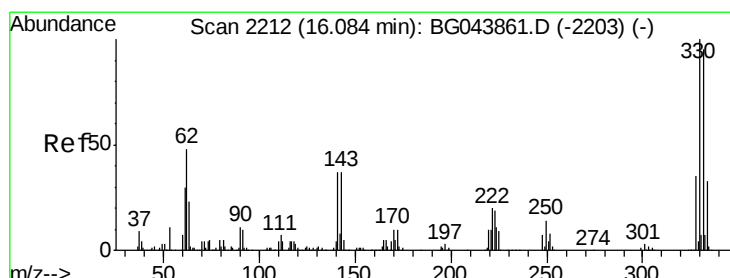
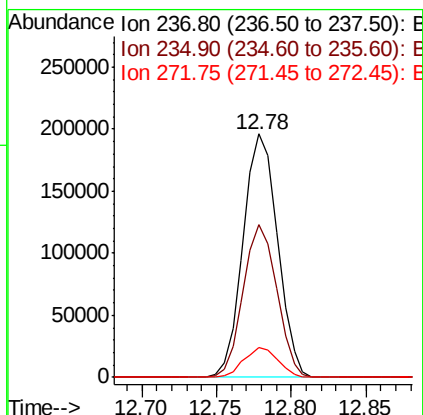
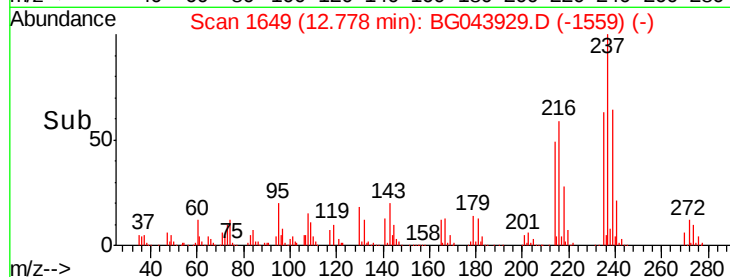
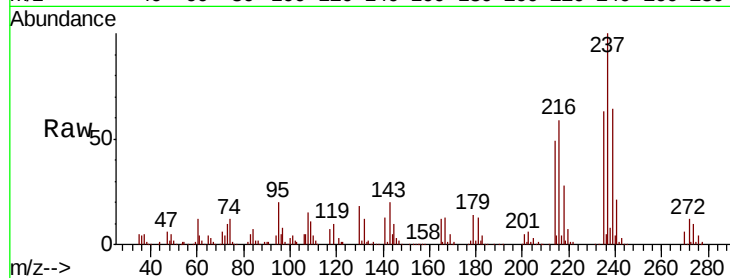
ClientSampleId :

PB125878BS

Tot Ion:	237	Resp:	312684
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.1	81.1
272	12.2	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 105.237 ng

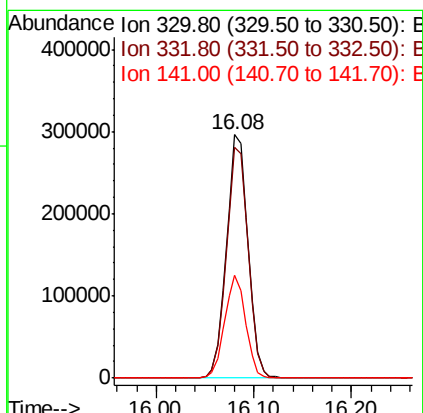
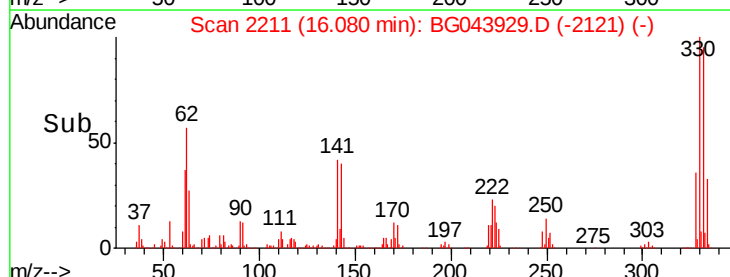
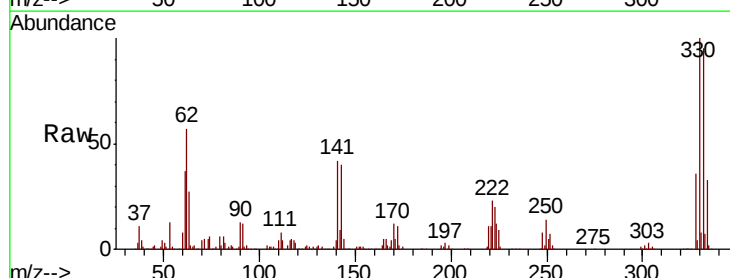
RT: 16.08 min Scan# 2211

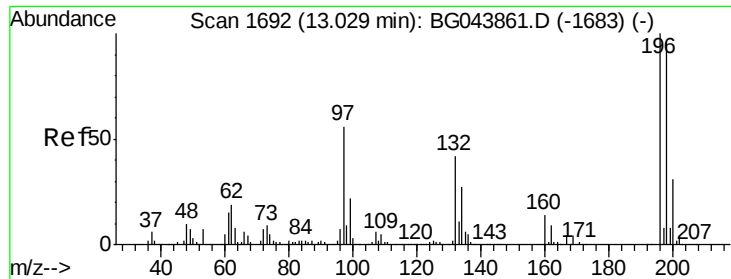
Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion:	330	Resp:	454357
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.2	115.8
141	41.0	33.1	49.7





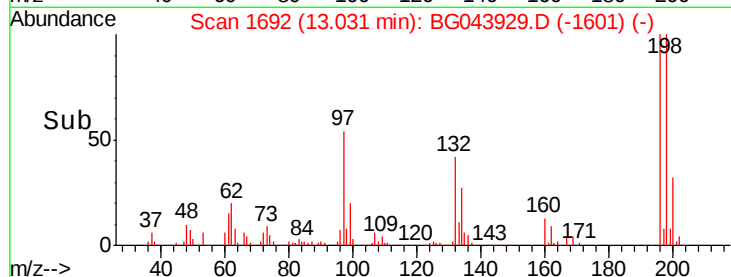
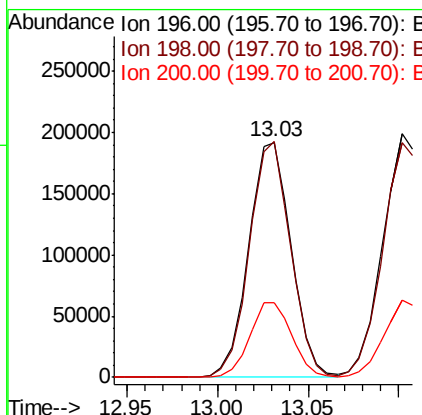
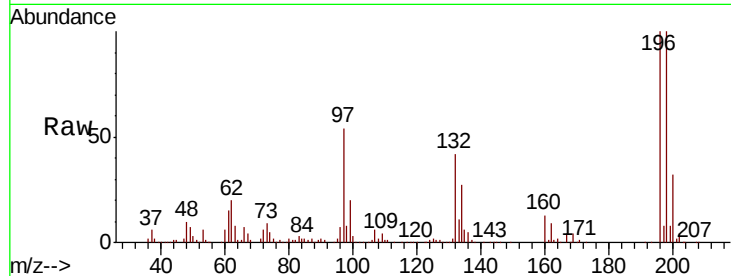
#43
 2,4,6-Trichlorophenol
 Concen: 37.409 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Instrument :
 BNA_G
 ClientSampleID :
 PB125878BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.4	76.6	115.0
200	31.6	24.6	37.0

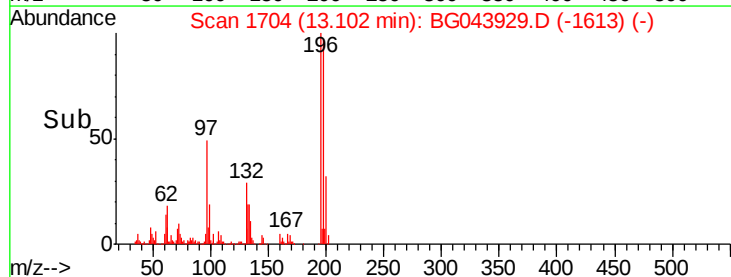
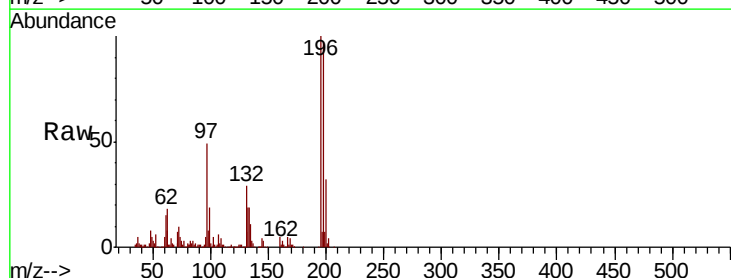
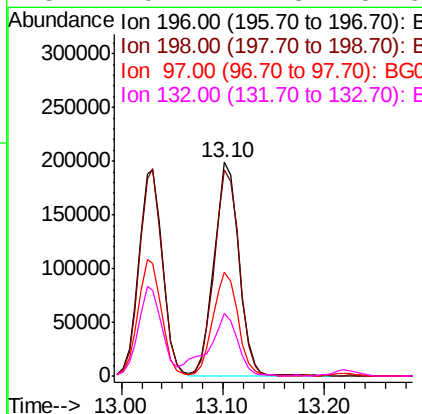
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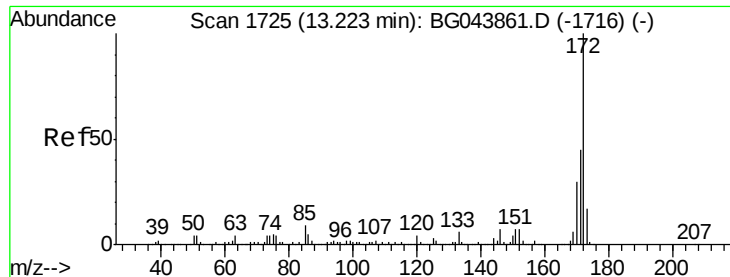
mohammad
 1/7/2020 12:30:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.265 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.3	117.5
97	48.8	38.8	58.2
132	29.2	21.3	31.9





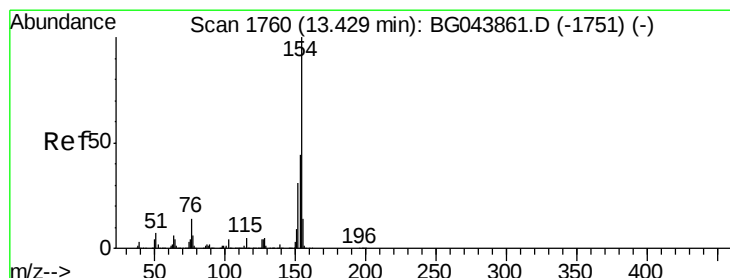
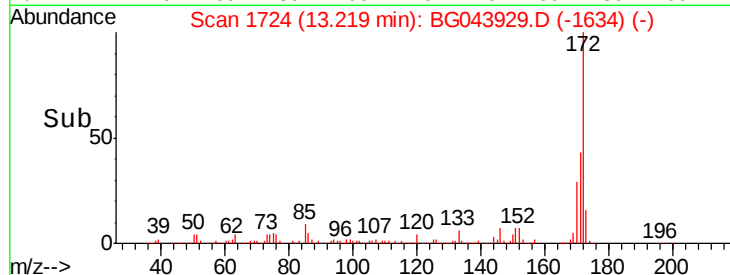
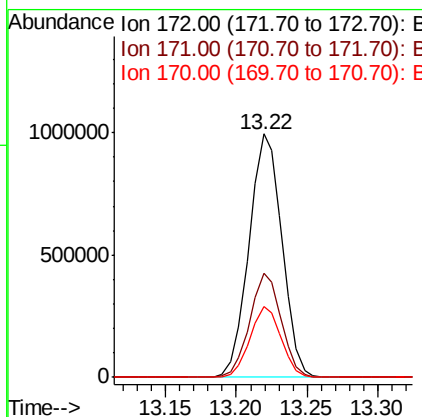
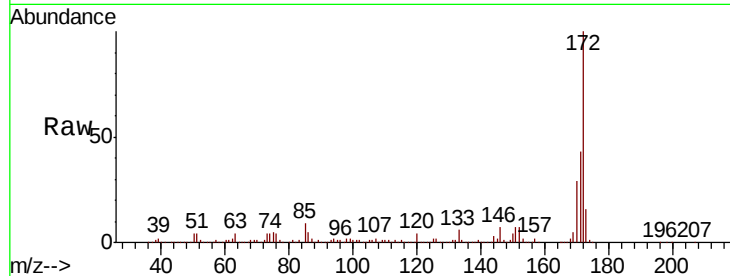
#45
2-Fluorobiphenyl
Concen: 71.549 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.8	35.8	53.8
170	29.3	24.2	36.4

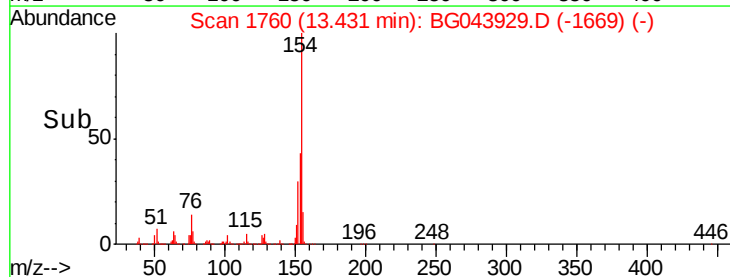
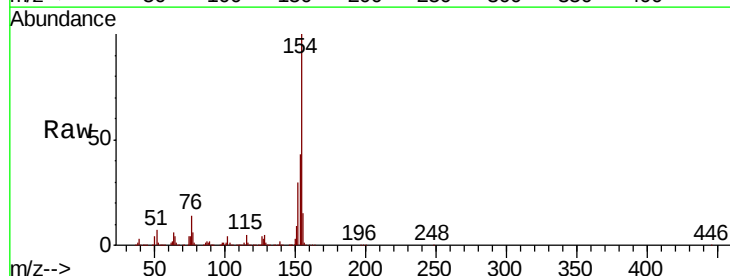
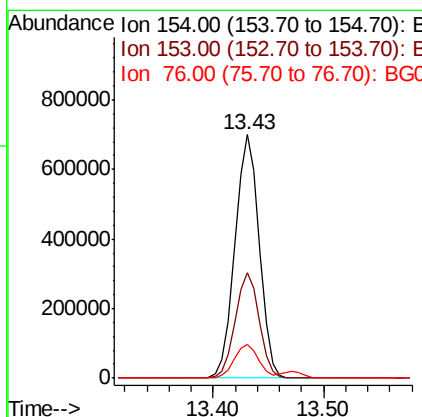
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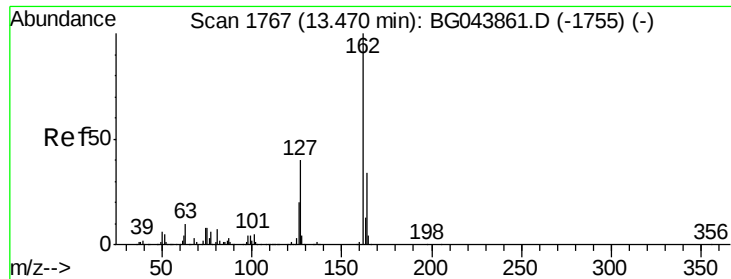
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#46
1,1'-Biphenyl
Concen: 36.341 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.6	63.6
76	14.0	0.0	34.4





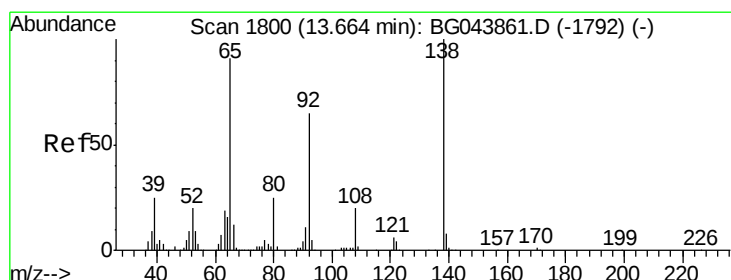
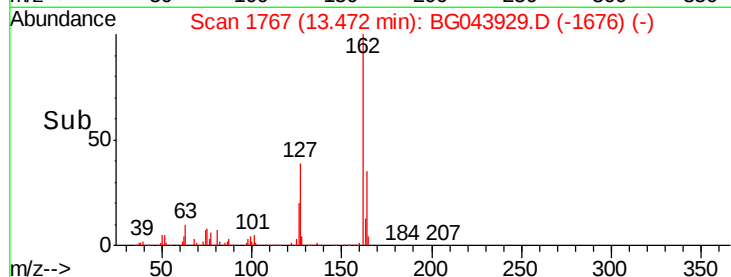
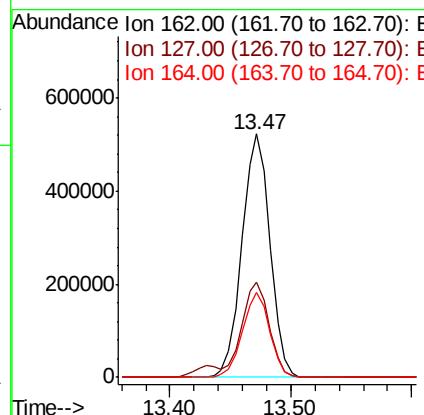
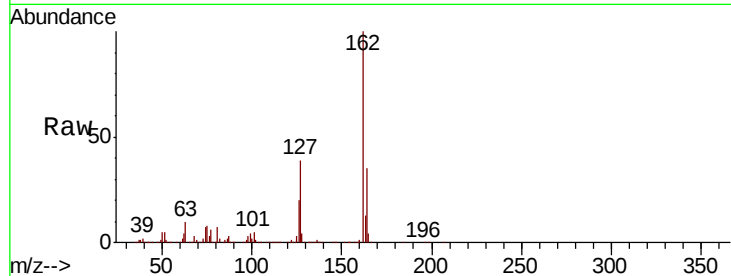
#47
2-Chloronaphthalene
Concen: 35.224 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.3	32.1	48.1
164	34.7	27.5	41.3

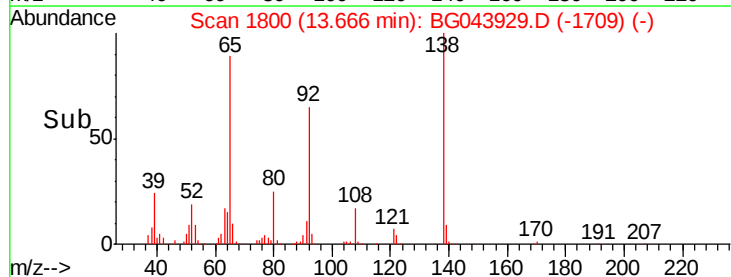
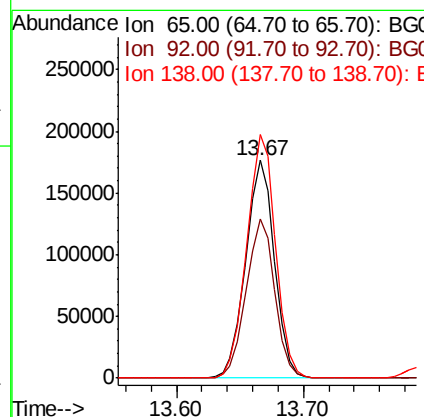
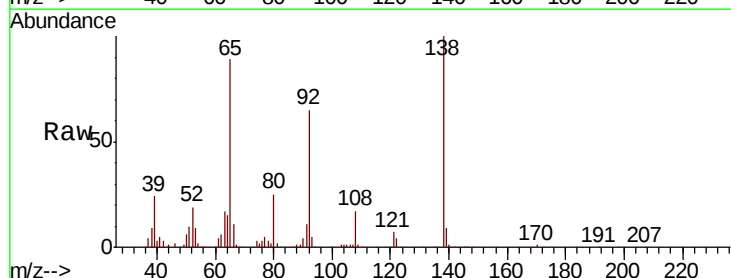
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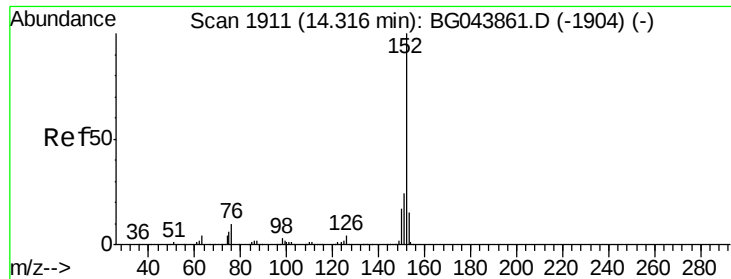
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#48
2-Nitroaniline
Concen: 36.129 ng
RT: 13.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.9	57.4	86.2
138	111.7	88.2	132.4





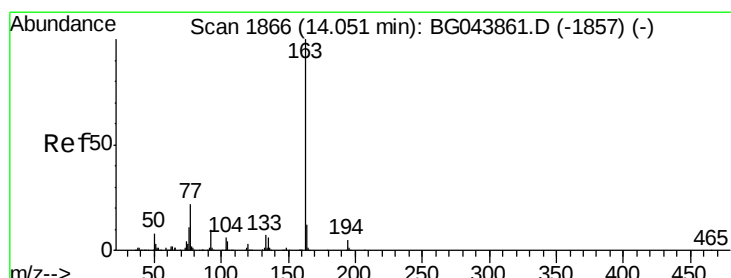
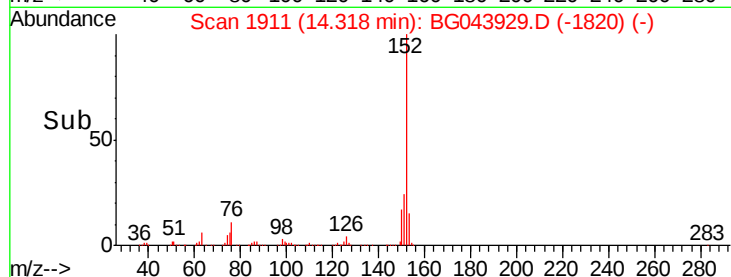
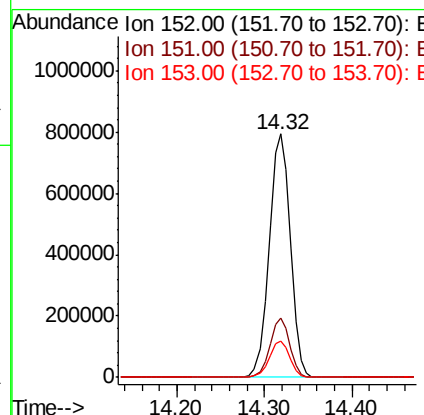
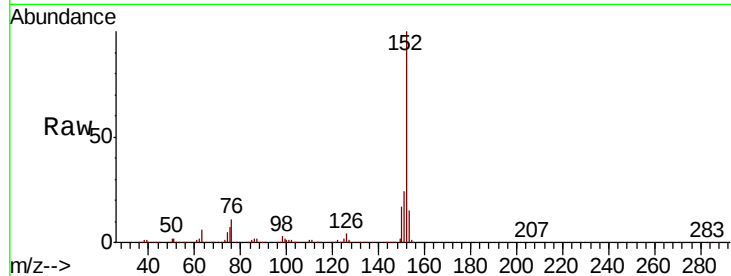
#49
Acenaphthylene
Concen: 38.530 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.3	19.4	29.2
153	14.7	12.0	18.0

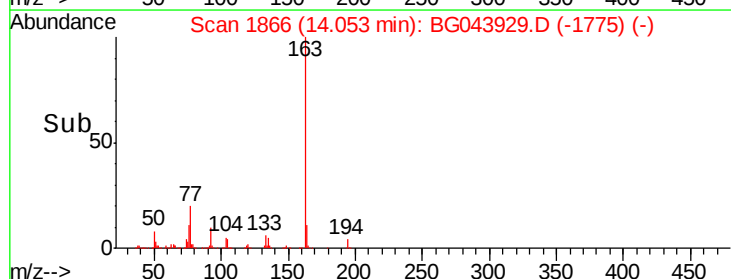
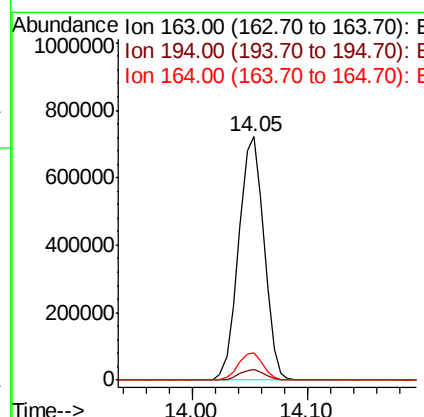
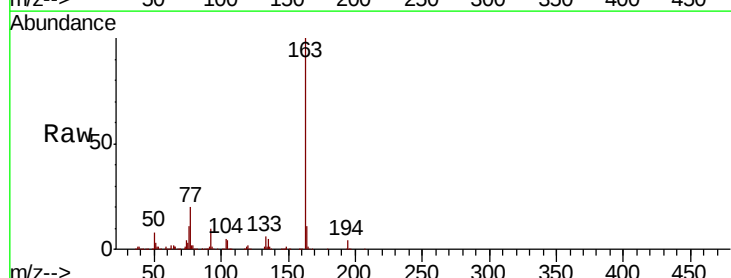
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#50
Dimethylphthalate
Concen: 37.393 ng
RT: 14.05 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	11.0	9.3	13.9





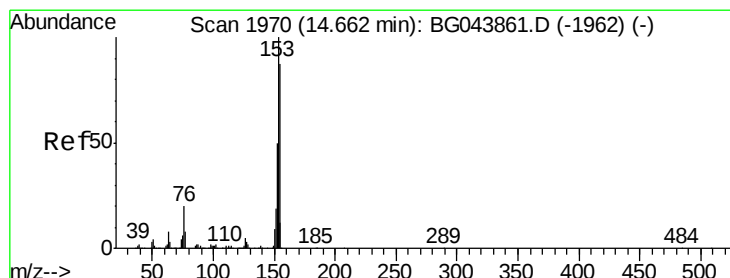
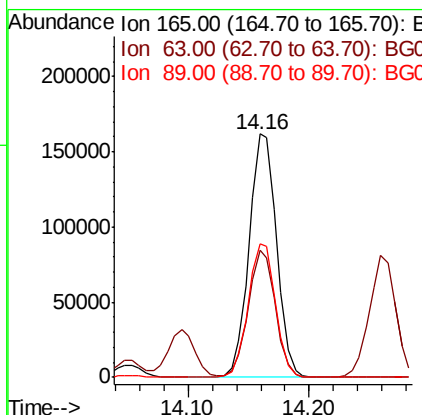
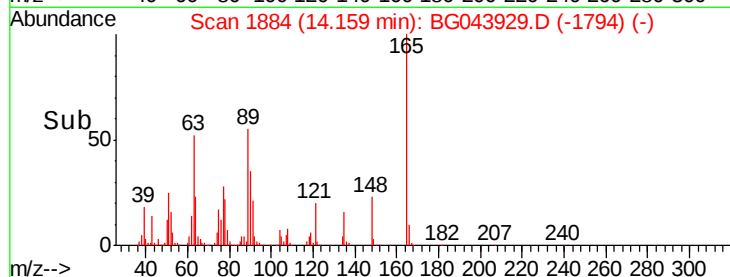
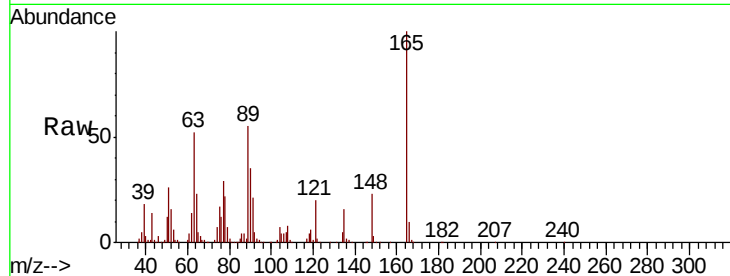
#51
2,6-Dinitrotoluene
Concen: 38.634 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	255800		
63	52.1		43.1	64.7
89	55.1		43.8	65.6

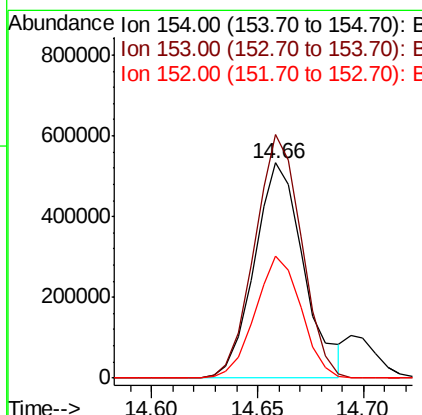
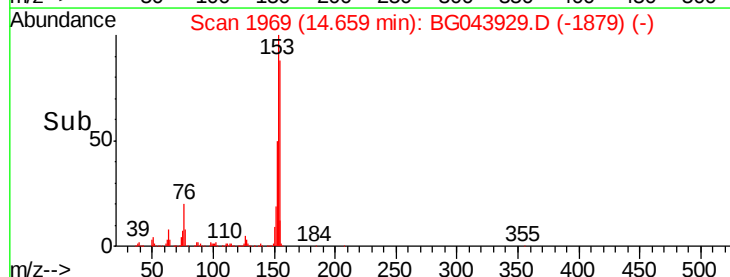
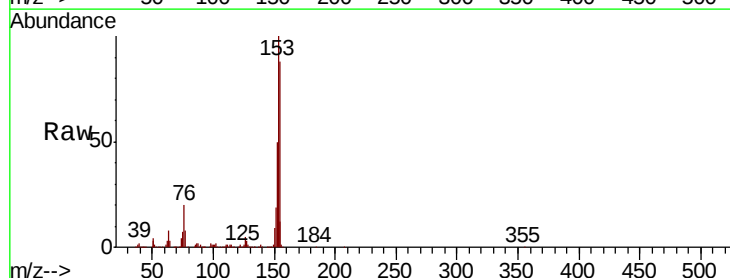
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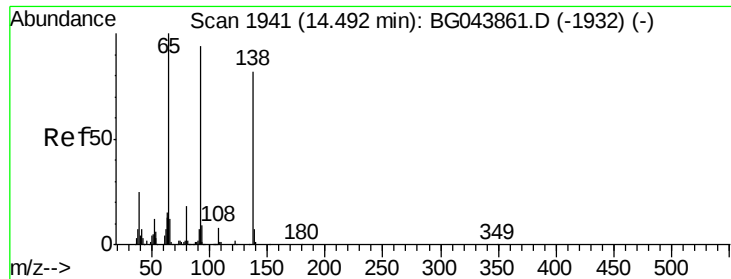
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#52
Acenaphthene
Concen: 35.887 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	864635		
153	113.2		91.6	137.4
152	56.5		45.4	68.0





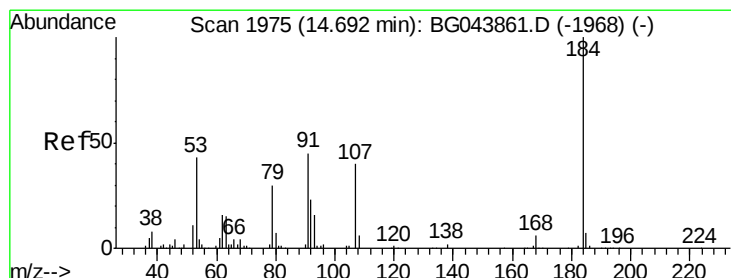
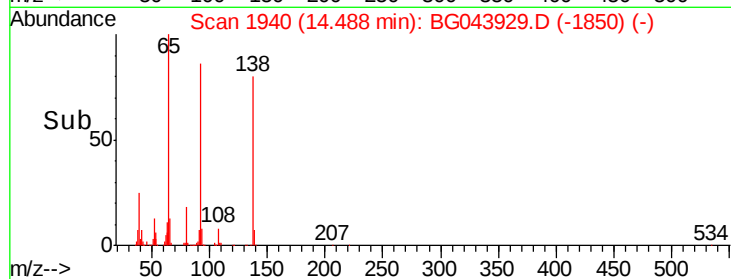
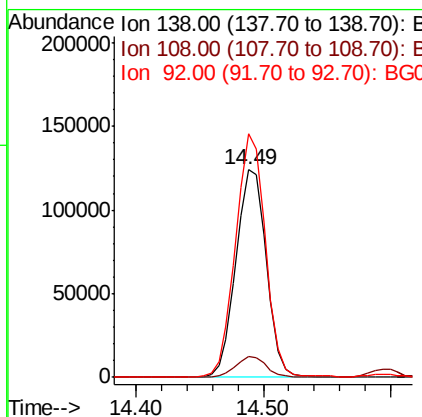
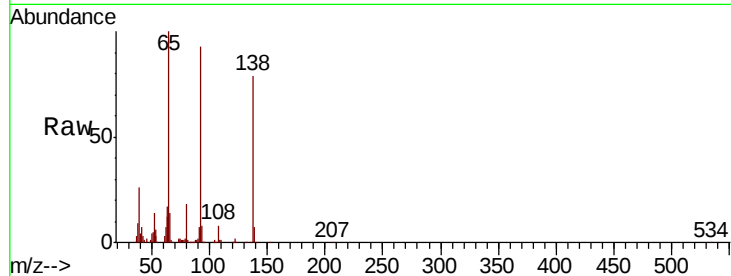
#53
3-Nitroaniline
Concen: 27.415 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.2
92	117.3	92.1	138.1

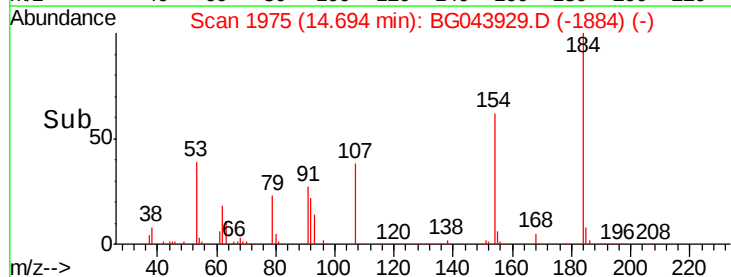
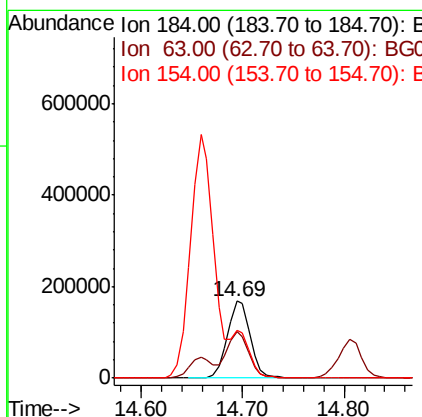
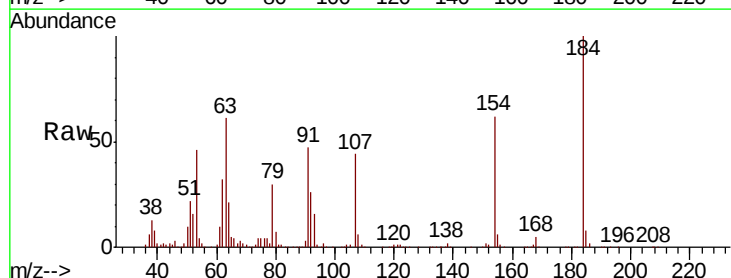
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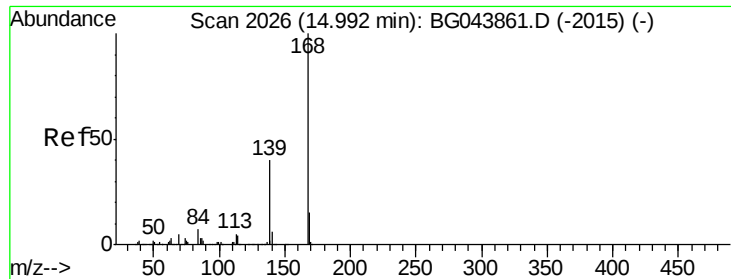
mohammad
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#54
2,4-Dinitrophenol
Concen: 78.882 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	46.6	70.0
154	62.3	50.2	75.4





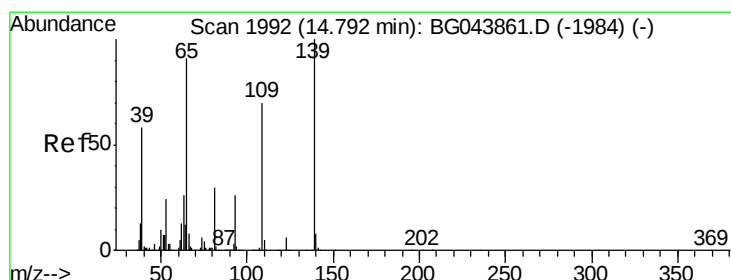
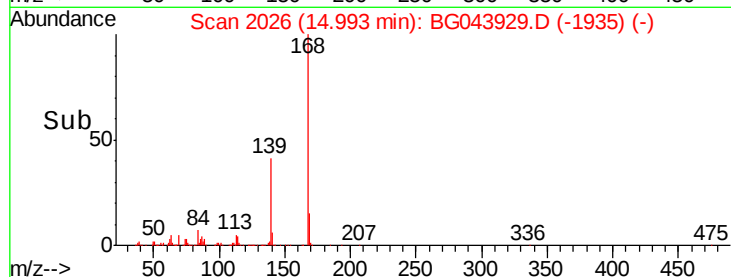
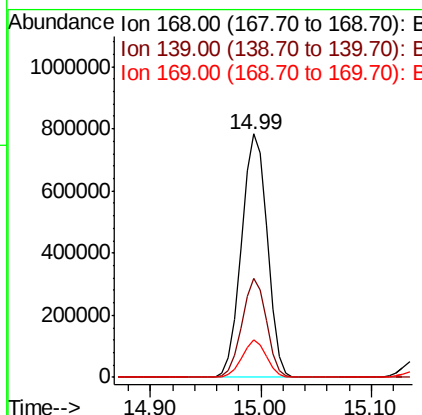
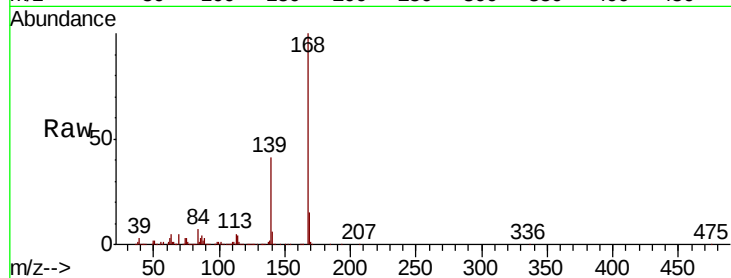
#55
Dibenzenofuran
Concen: 38.671 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.2	48.2
169	15.3	12.2	18.2

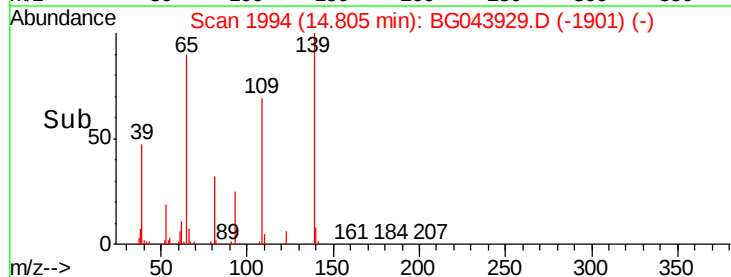
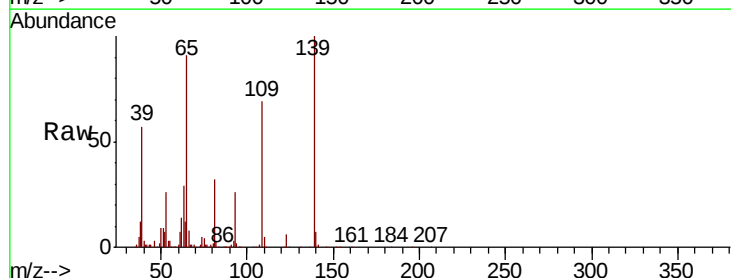
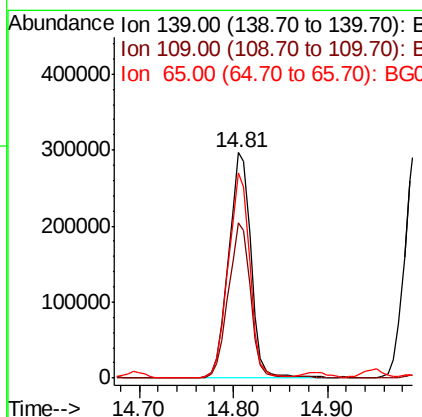
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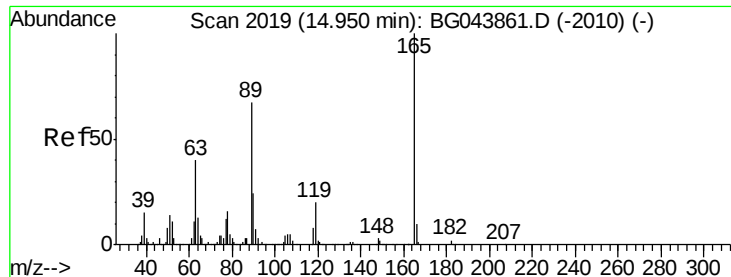
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#56
4-Nitrophenol
Concen: 85.236 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	50.4	90.4
65	90.9	71.4	111.4





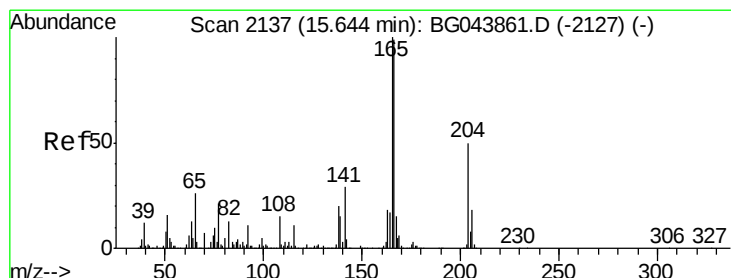
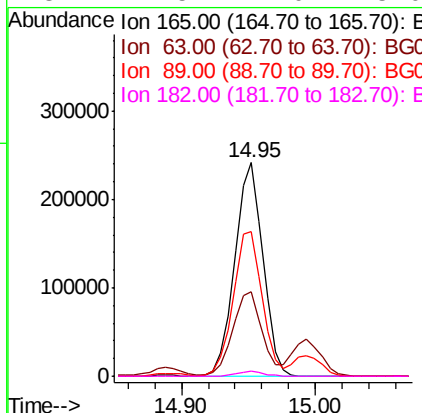
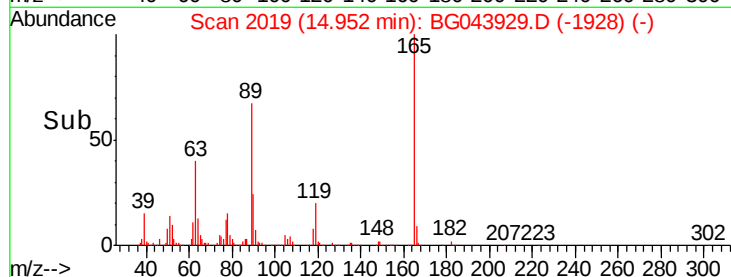
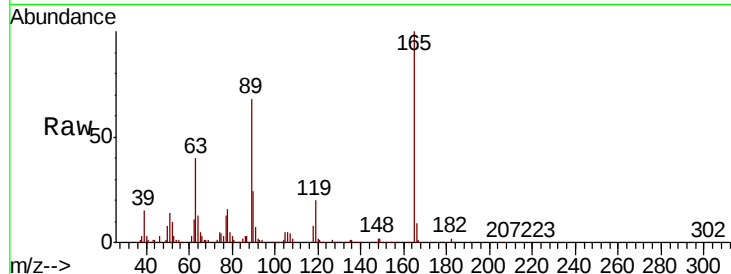
#57
2,4-Dinitrotoluene
Concen: 39.201 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		353175		
63	39.7		31.9	47.9	
89	67.5		53.8	80.6	
182	2.5		2.0	3.0	

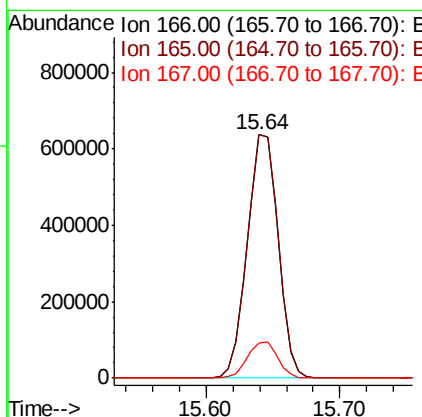
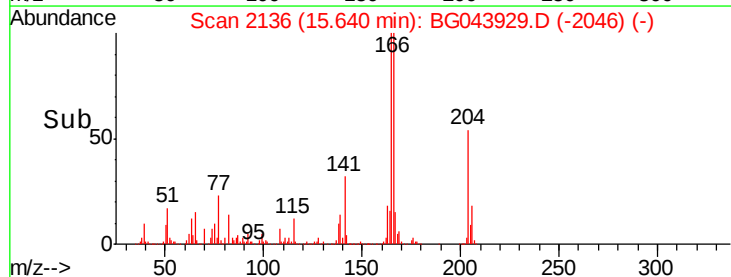
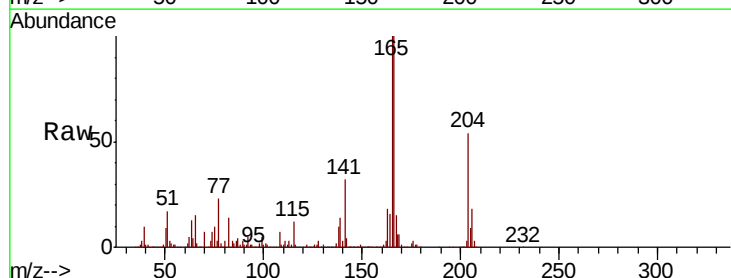
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#58
Fluorene
Concen: 38.449 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1010767		
165	100.1		80.8	121.2	
167	14.6		12.1	18.1	





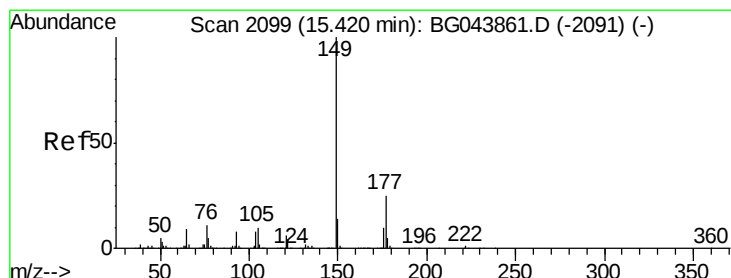
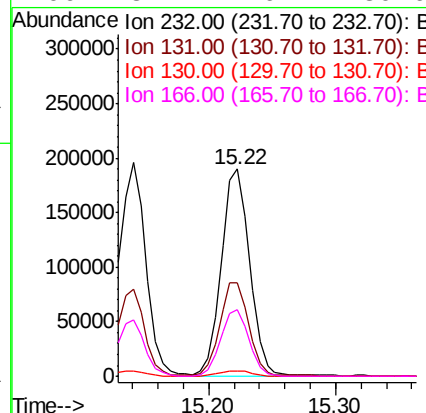
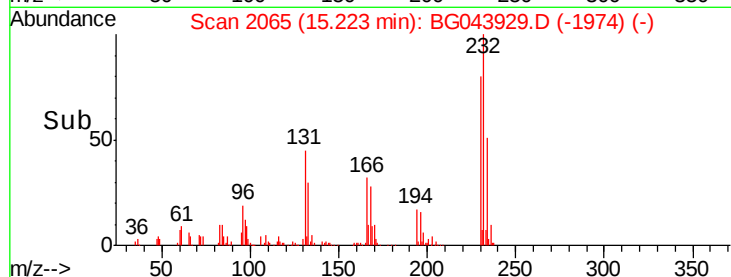
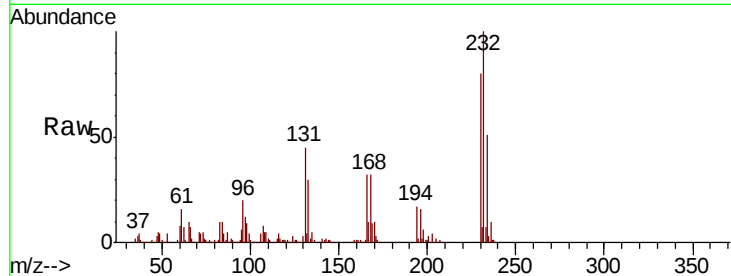
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.071 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	295697		
131	46.8		38.2	57.2
130	2.8		2.2	3.2
166	32.4		26.4	39.6

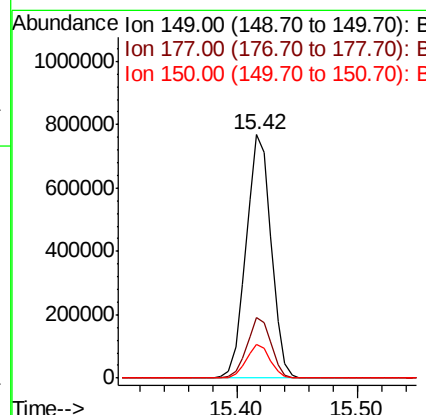
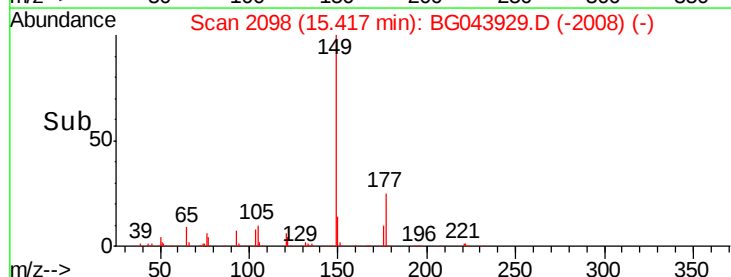
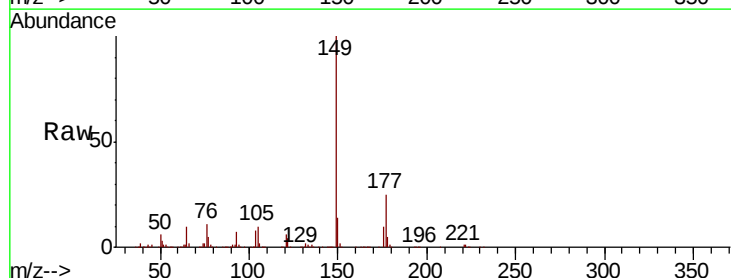
Manual Integrations
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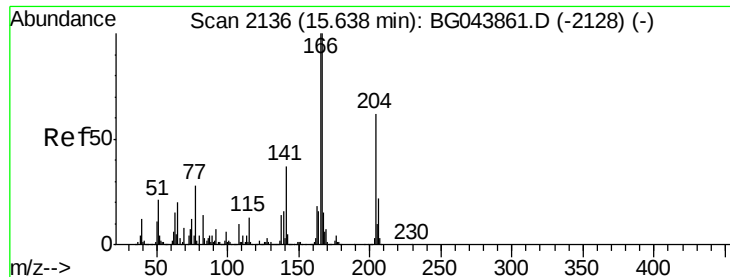
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 1/7/2020 12:30:35 PM



#60
 Diethylphthalate
 Concen: 37.837 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1108621		
177	25.0		20.0	30.0
150	14.0		11.1	16.7





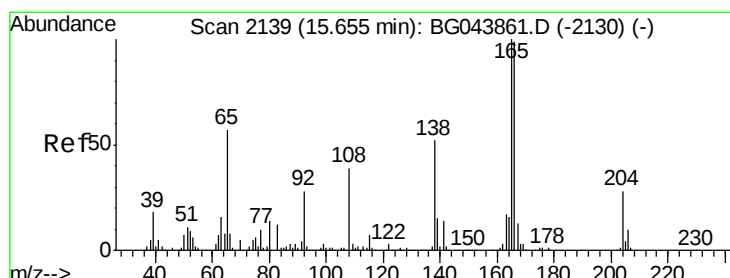
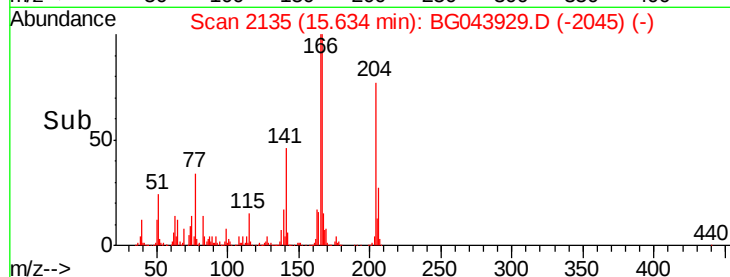
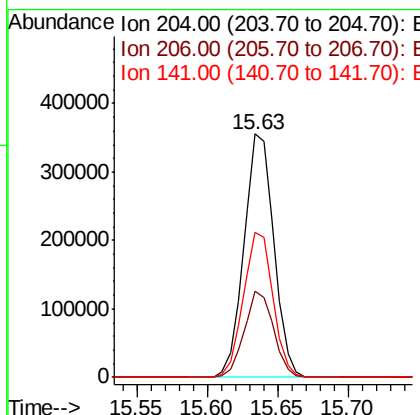
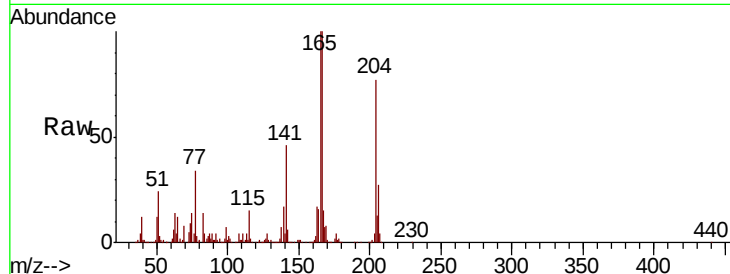
#61
4-Chlorophenyl-phenylether
Concen: 36.874 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.2	42.2
141	59.7	48.2	72.2

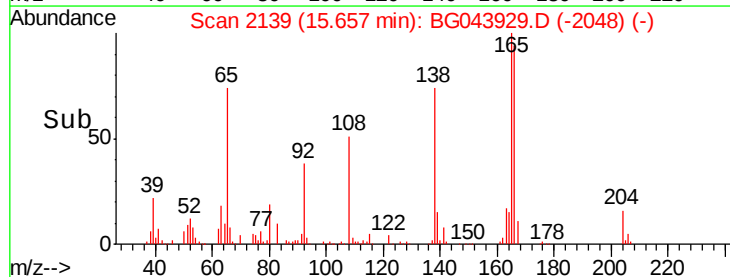
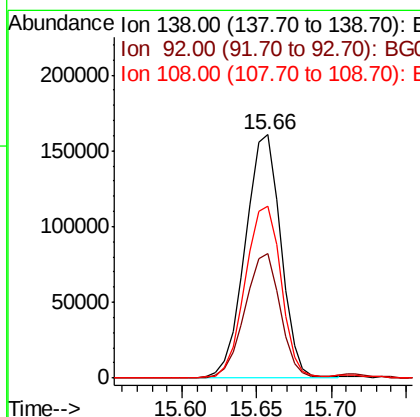
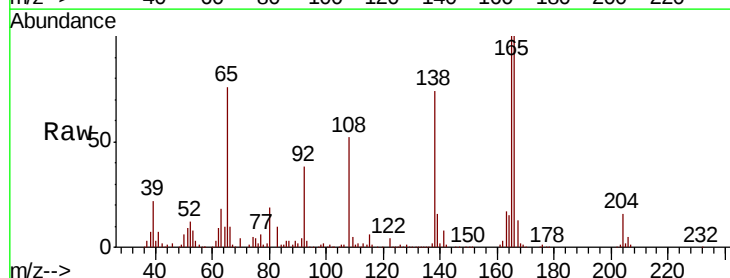
Manual Integrations
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#62
4-Nitroaniline
Concen: 35.729 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	34.3	74.3
108	70.7	55.0	95.0





#63

Azobenzene

Concen: 38.591 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

ClientSampleId :

PB125878BS

Tot Ion: 77 Resp: 1048621

Ion Ratio Lower Upper

77 100

182 26.8 7.3 47.3

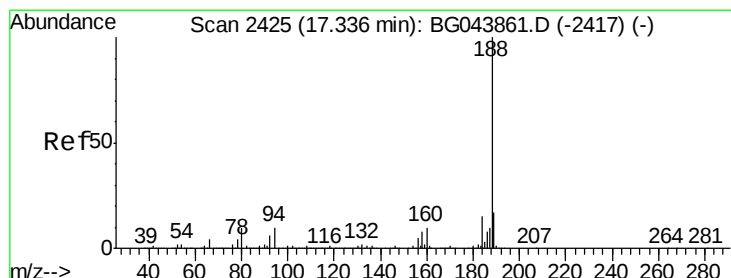
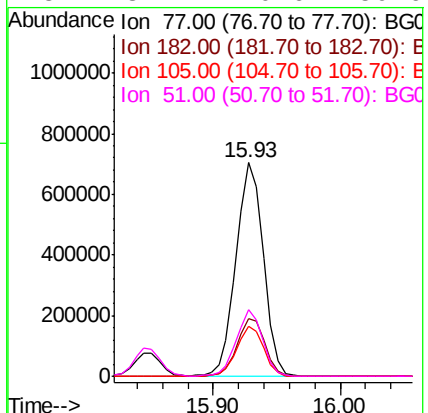
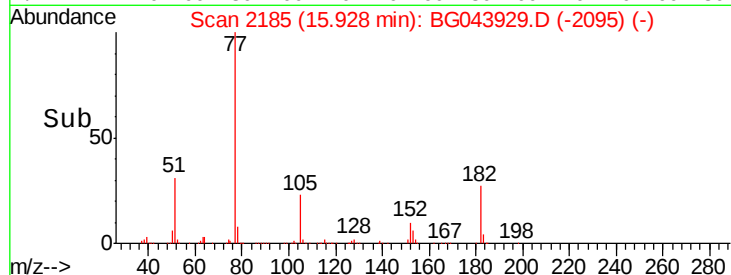
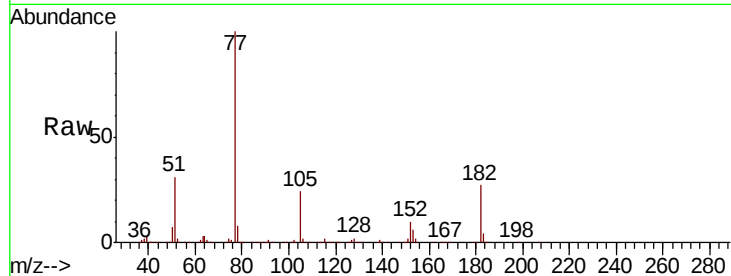
105 23.7 3.2 43.2

51 31.1 10.6 50.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

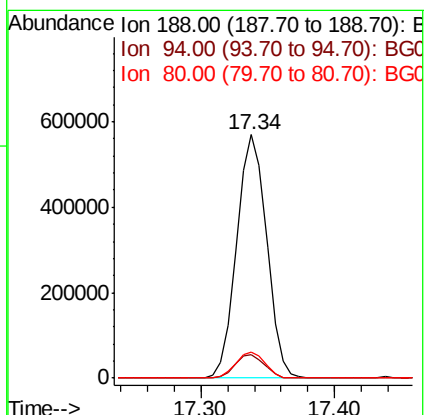
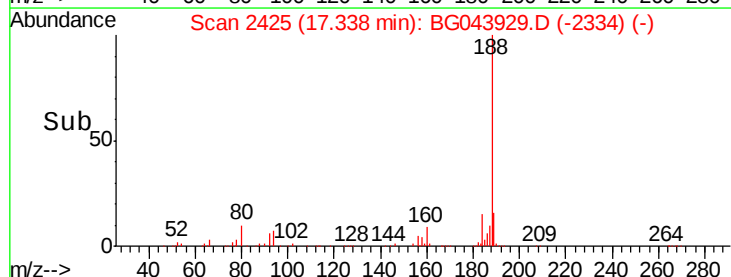
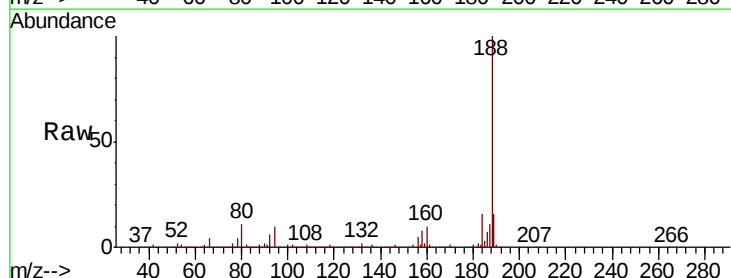
Tgt Ion: 188 Resp: 885048

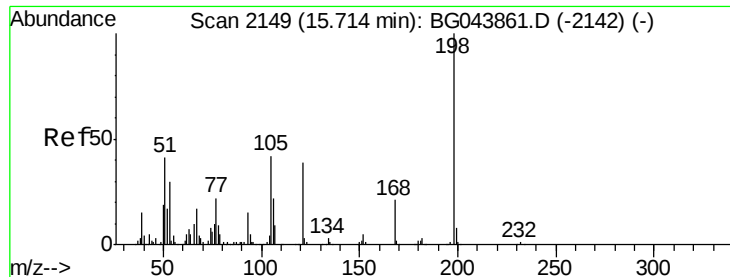
Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.6 8.2 12.4





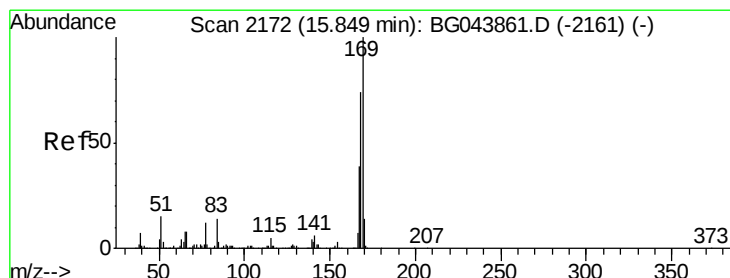
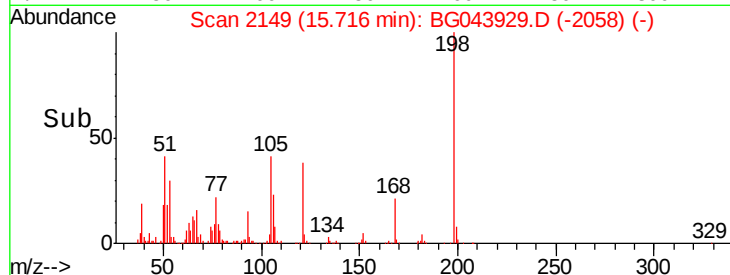
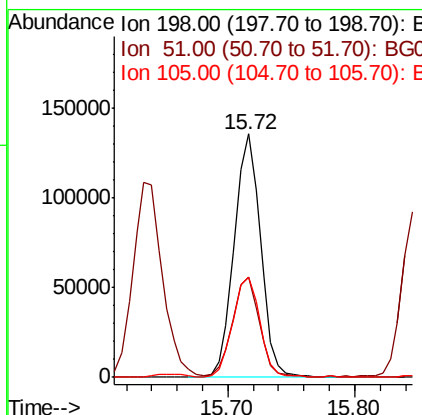
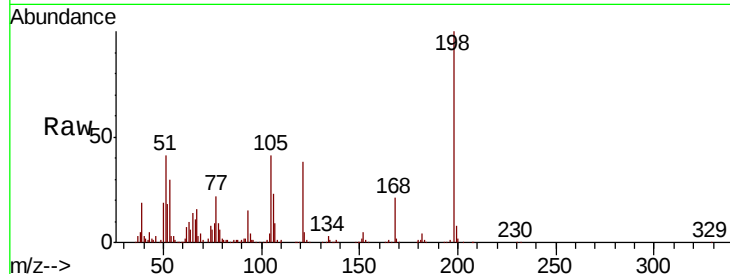
#65
4,6-Dinitro-2-methylphenol
Concen: 43.311 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	195348		
51	41.2		22.5	62.5
105	41.4		22.3	62.3

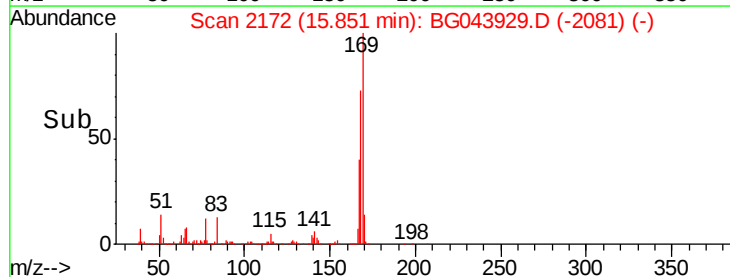
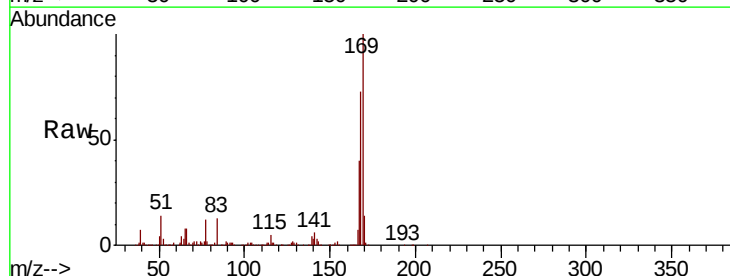
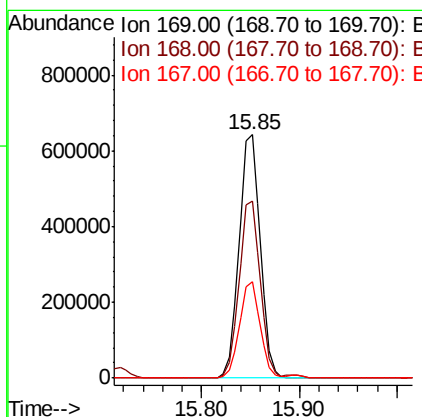
Manual Integrations
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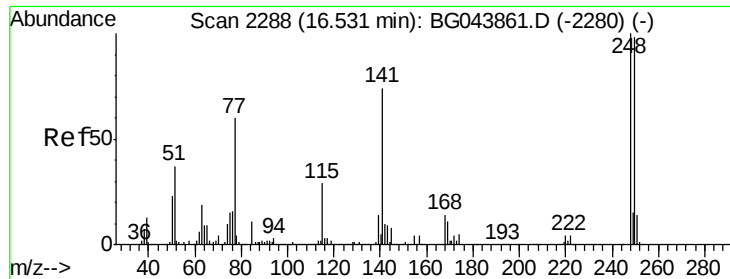
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.939 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	962764		
168	72.8		59.0	88.6
167	39.7		31.4	47.0





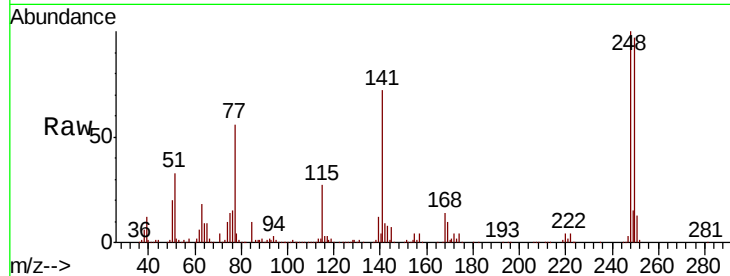
#67
4-Bromophenyl-phenylether
Concen: 34.504 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.2	117.2
141	72.1	59.3	88.9

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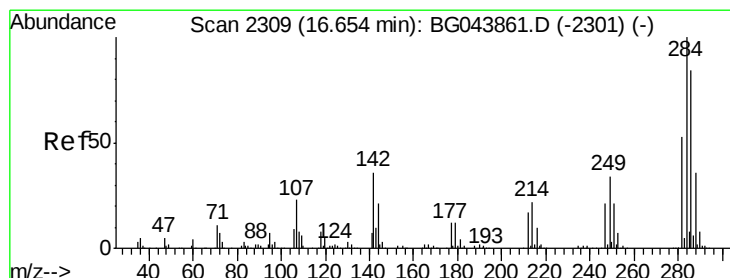
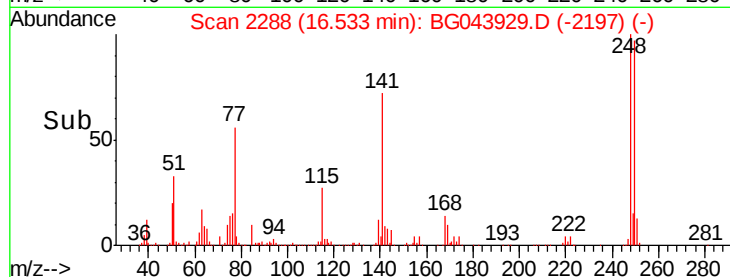
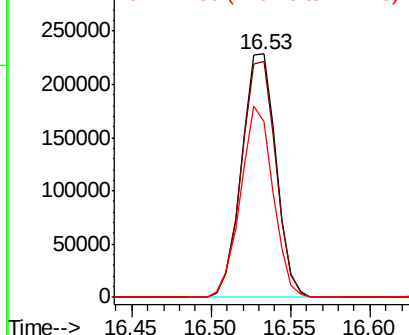


Abundance

Ion 248.00 (247.70 to 248.70): E

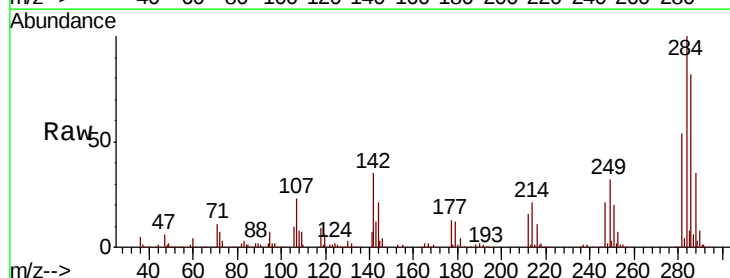
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.424 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.6	43.0
249	32.0	27.0	40.6

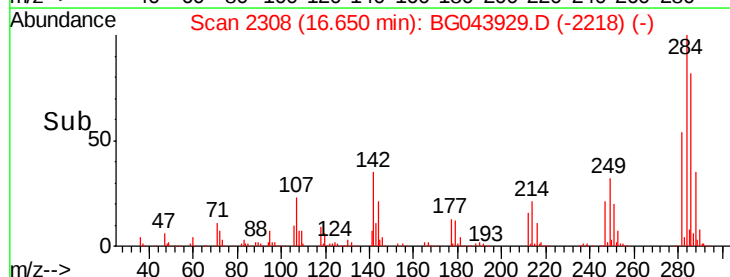
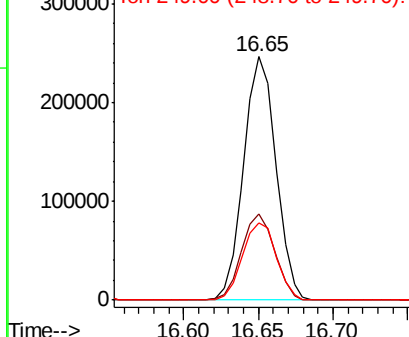


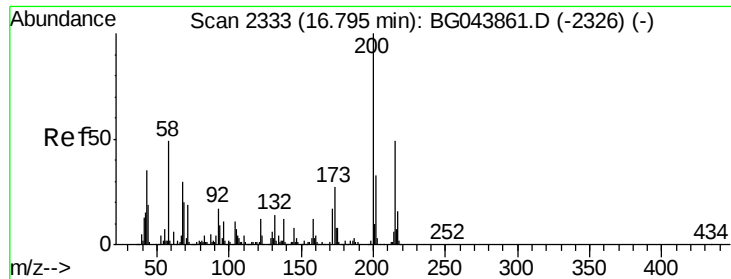
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





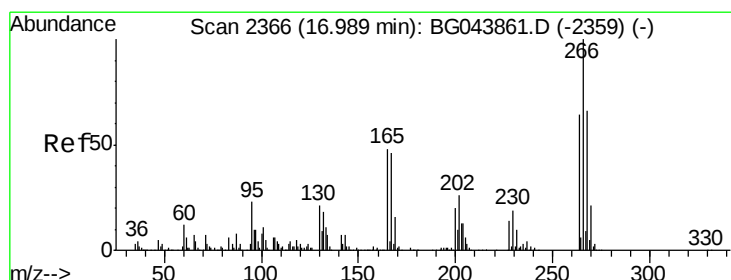
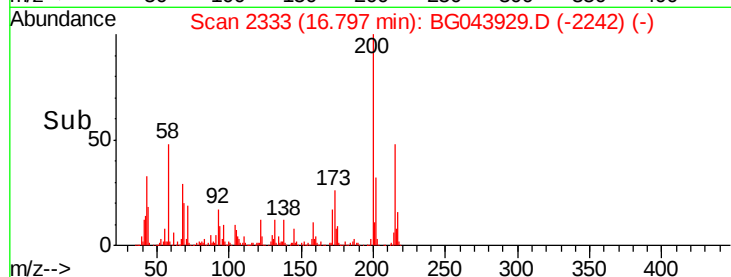
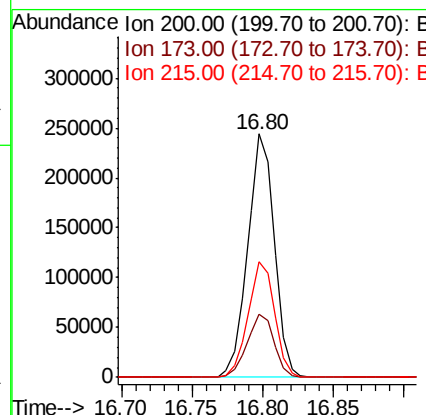
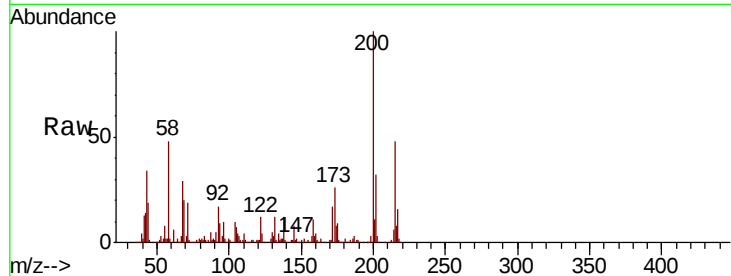
#69
Atrazine
Concen: 37.985 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.6	46.6
215	47.5	28.6	68.6

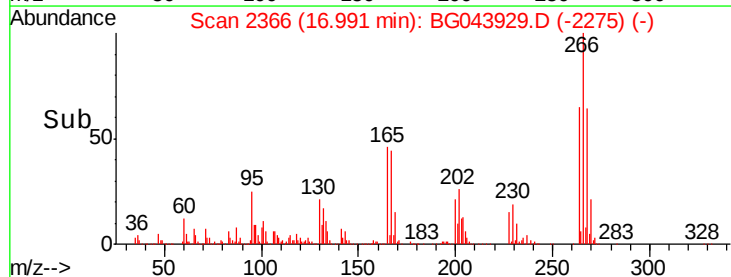
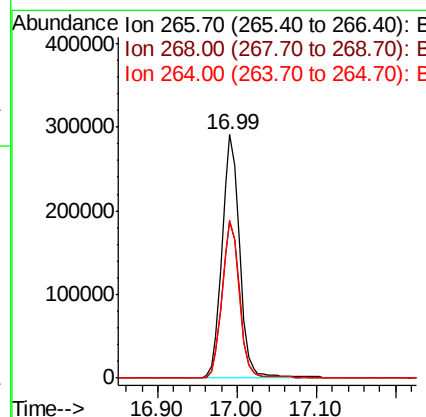
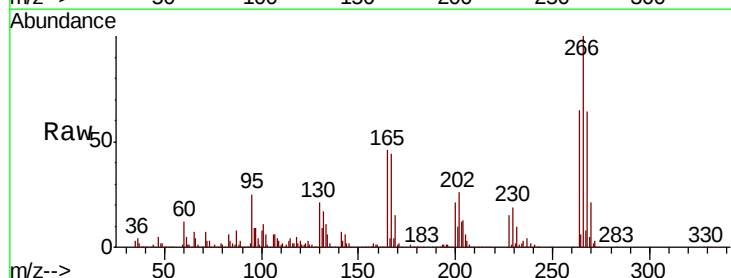
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#70
Pentachlorophenol
Concen: 75.854 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	52.6	79.0
264	64.7	50.8	76.2





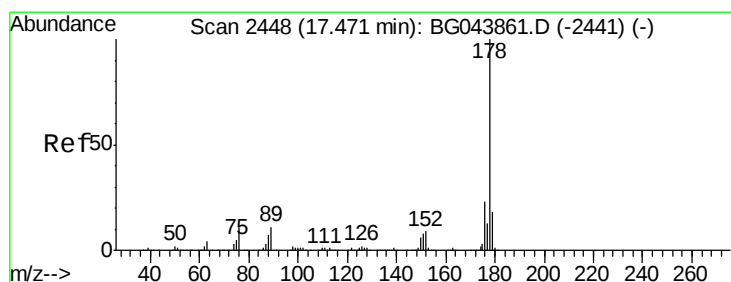
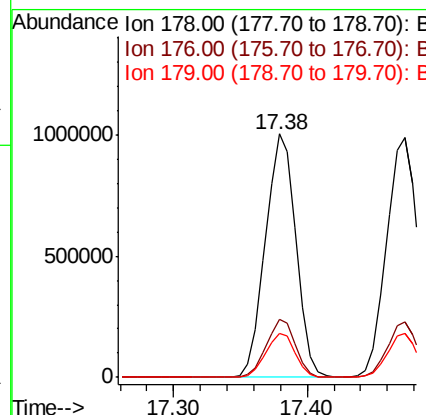
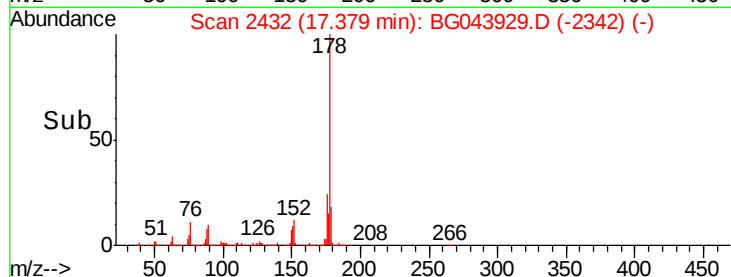
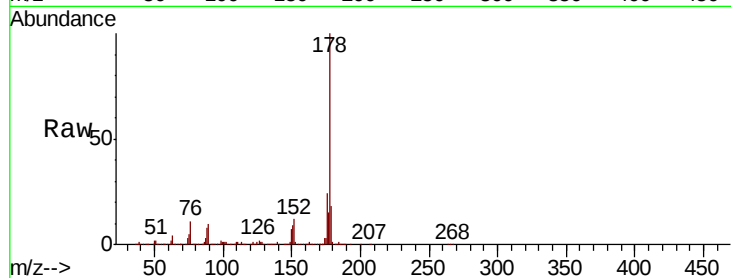
#71
Phenanthrene
Concen: 37.460 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampled :
PB125878BS

Tot Ion:178 Resp: 1590213
Ion Ratio Lower Upper
178 100
176 23.7 18.6 28.0
179 18.2 14.4 21.6

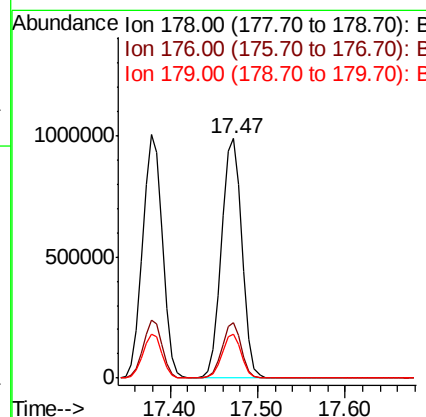
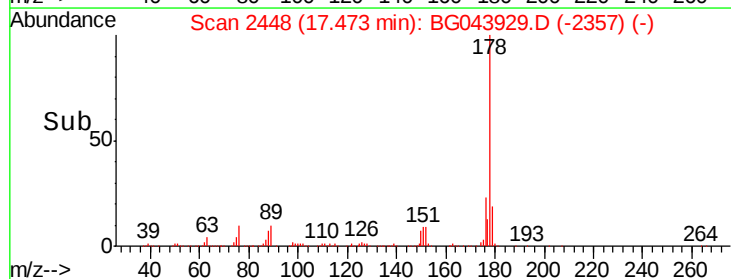
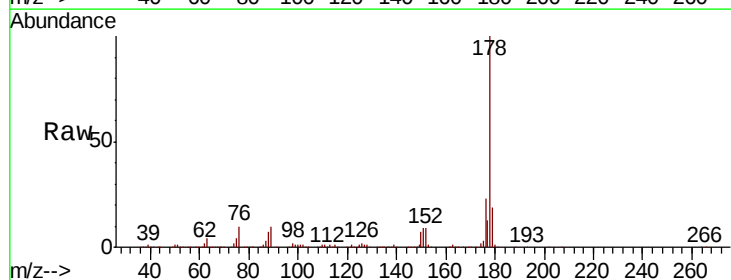
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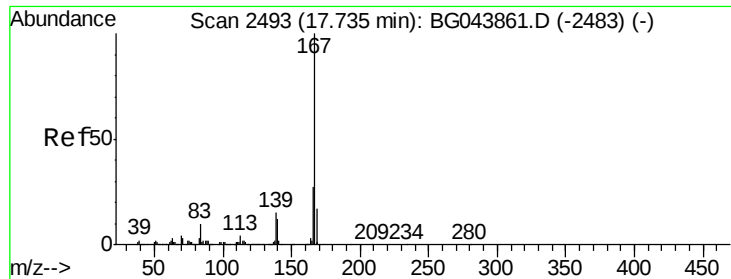
mohammad
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#72
Anthracene
Concen: 38.319 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion:178 Resp: 1607619
Ion Ratio Lower Upper
178 100
176 23.1 18.3 27.5
179 18.6 14.6 22.0





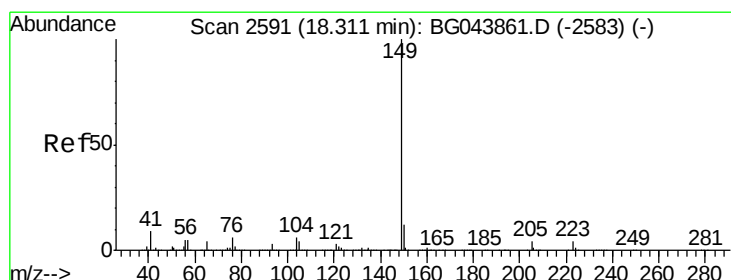
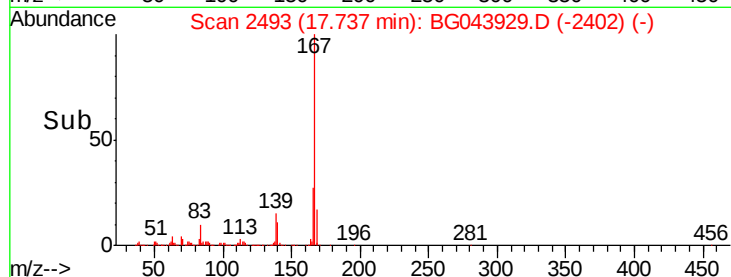
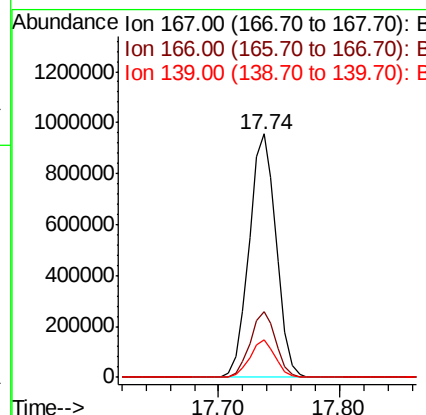
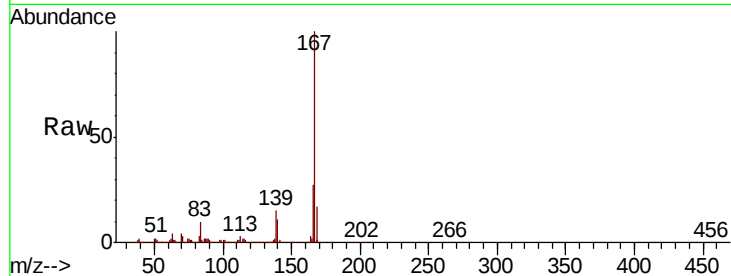
#73
 Carbazole
 Concen: 38.429 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.8	21.6	32.4
139	15.2	12.1	18.1

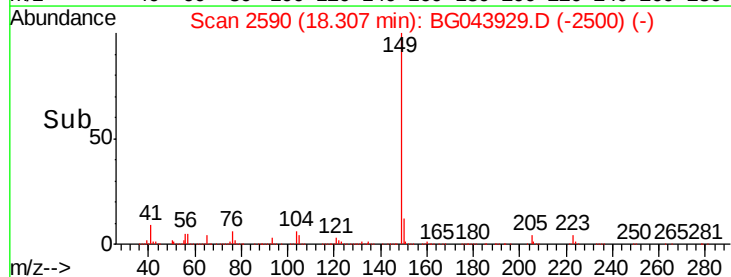
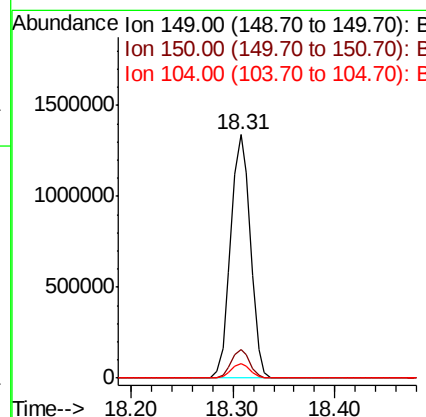
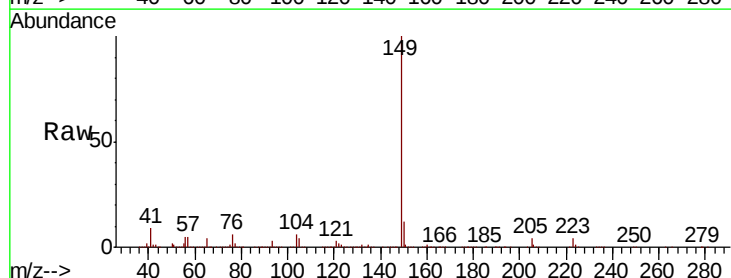
Manual Integrations
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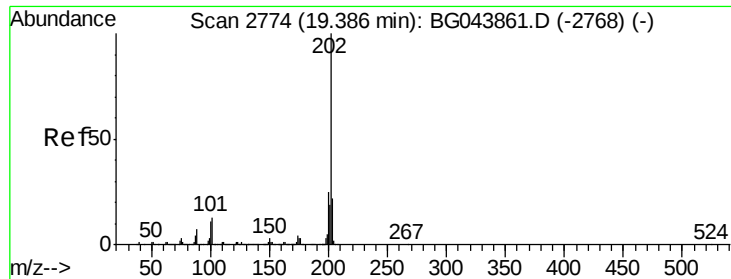
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.655 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.7	14.5
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 37.316 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

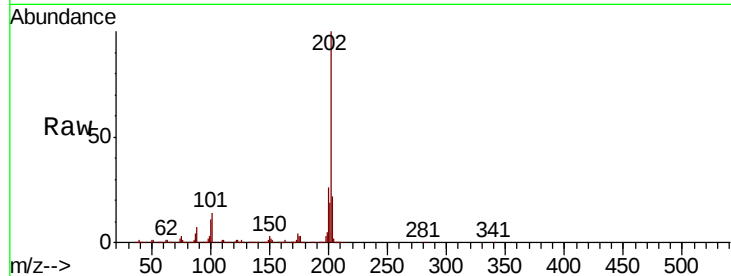
ClientSampleId :

PB125878BS

Tot Ion:	202	Resp:	1811655
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.3
203	21.7	1.6	41.6

Manual Integrations
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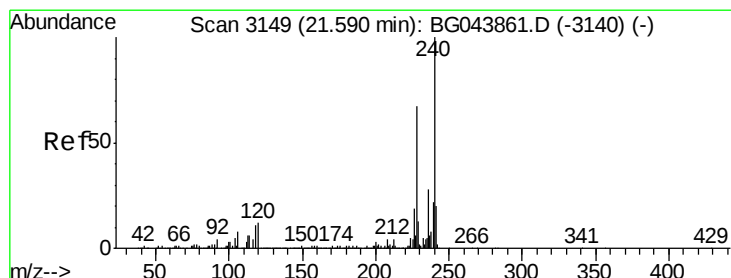
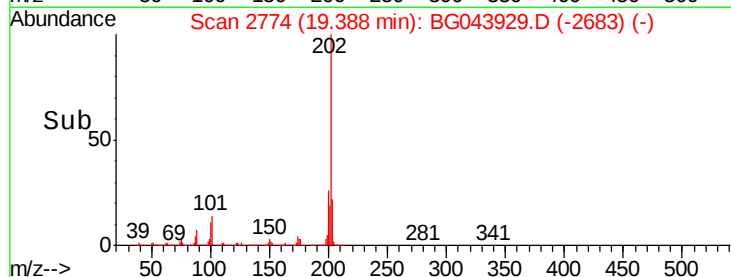
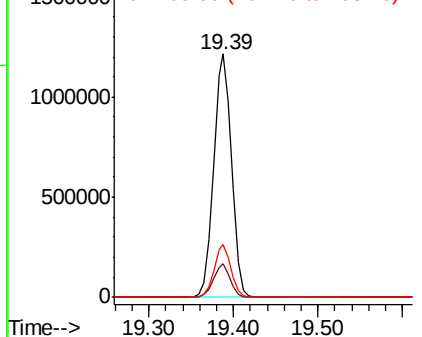


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

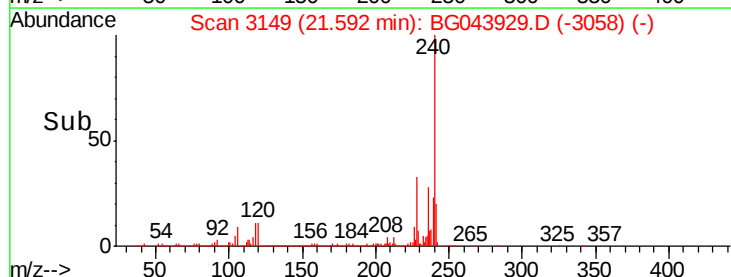
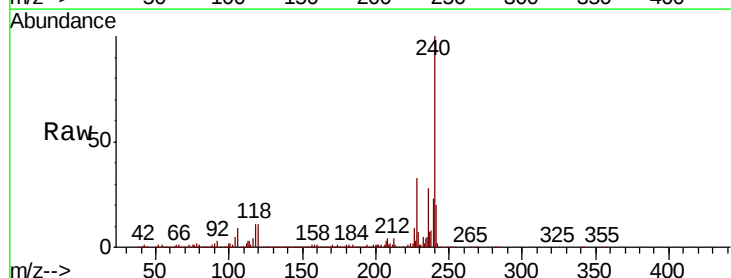
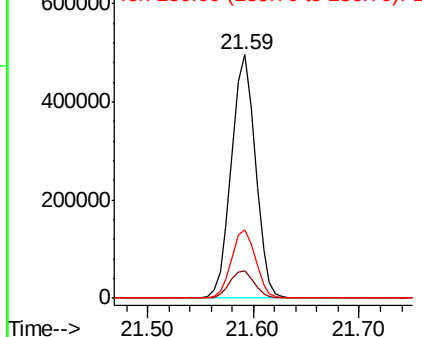
Tgt Ion:	240	Resp:	779528
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	28.1	22.2	33.2

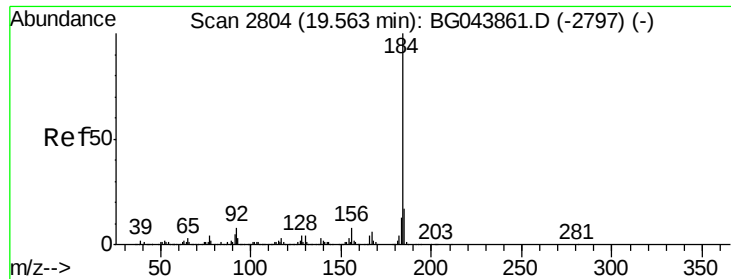
Abundance

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





#77

Benzidine

Concen: 16.246 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

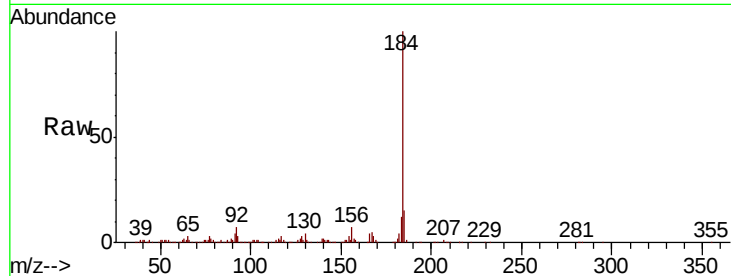
ClientSampleId :

PB125878BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	12.2	10.6	15.8

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1/7/2020 12:30:35 PM

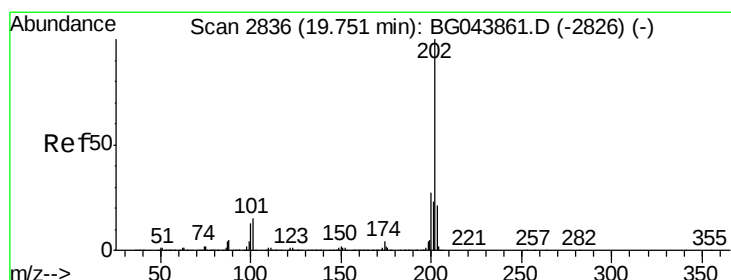
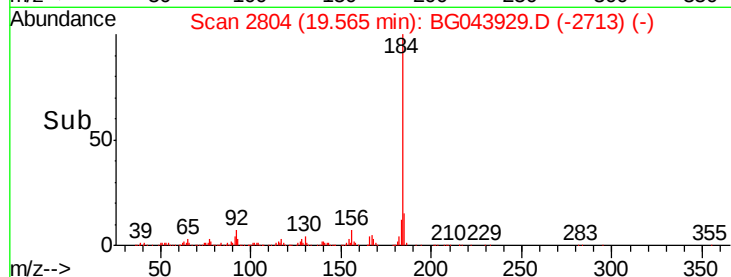
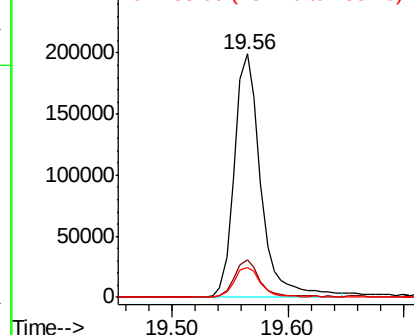


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.853 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

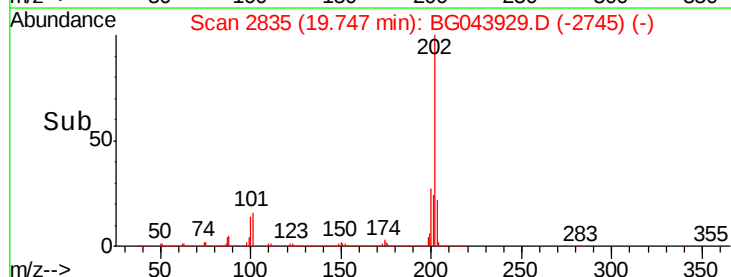
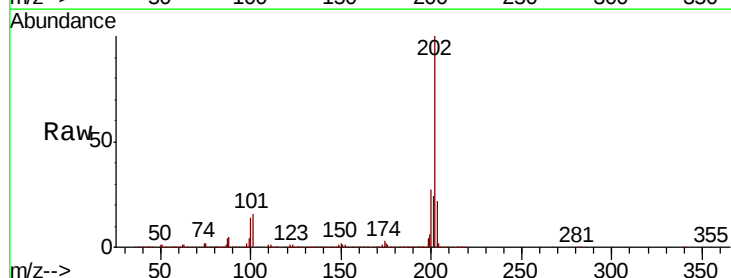
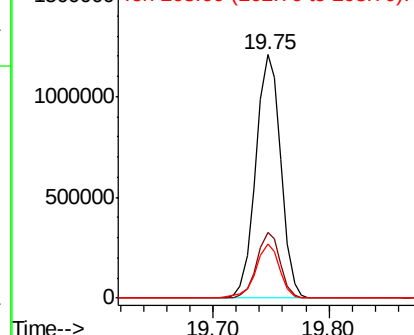
Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.9	21.7	32.5
203	22.4	17.0	25.6

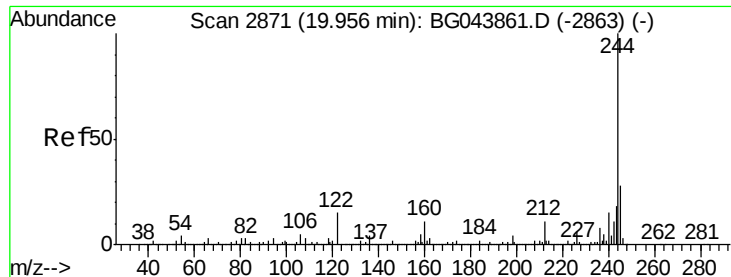
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





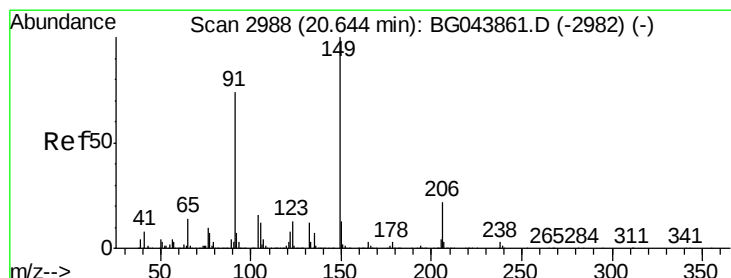
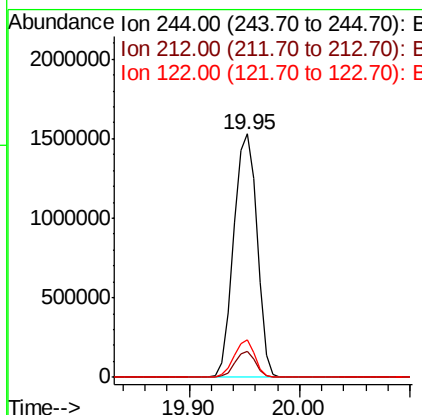
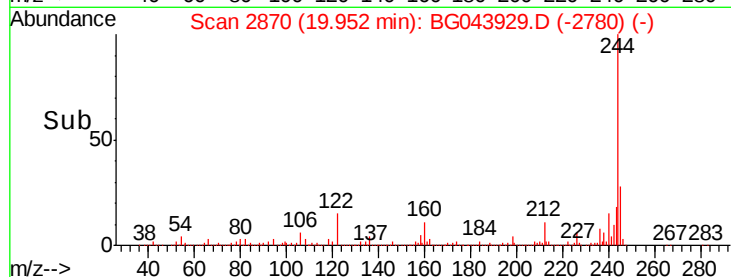
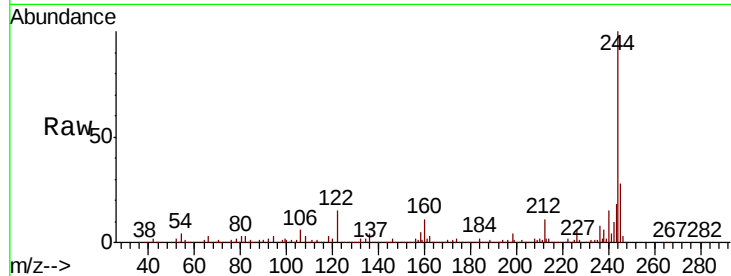
#79
 Terphenyl-d14
 Concen: 66.387 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.6	13.0
122	15.2	11.9	17.9

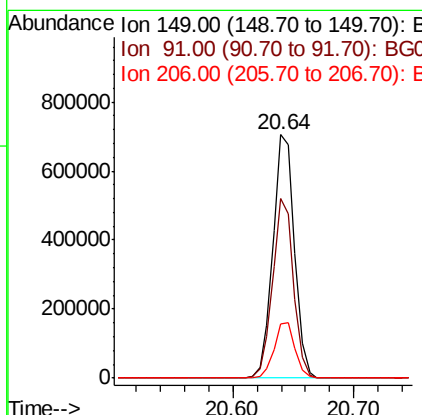
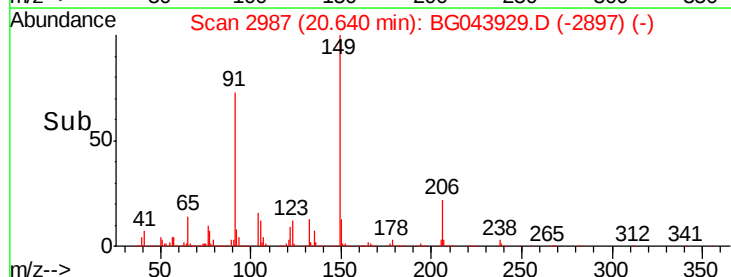
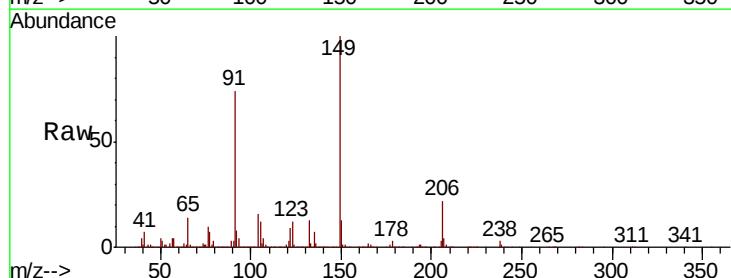
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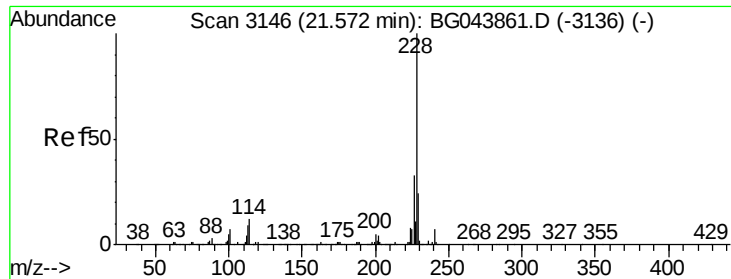
mohammad
 1/7/2020 12:30:35 PM



#80
 Butylbenzylphthalate
 Concen: 36.229 ng
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.00 min
 Lab File: BG043929.D
 Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	59.5	89.3
206	22.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 36.796 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

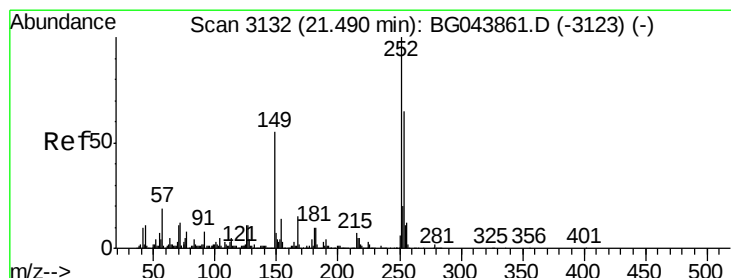
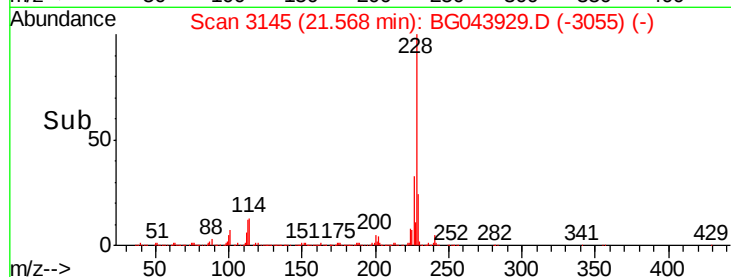
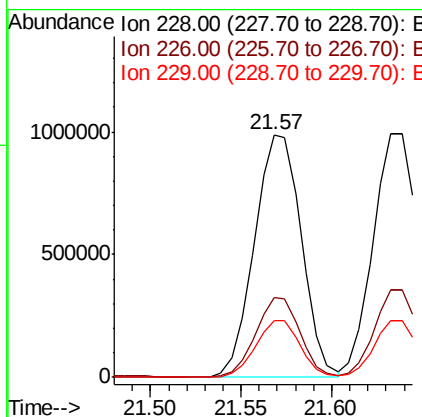
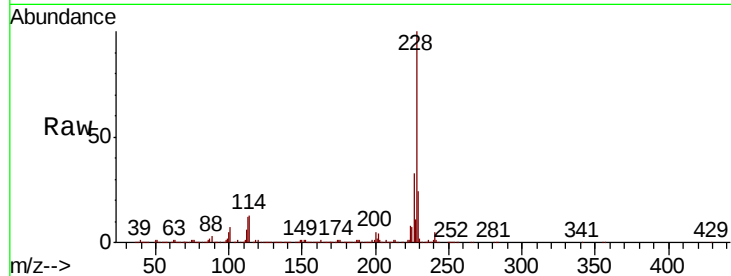
ClientSampleId :

PB125878BS

Tot Ion:	228	Resp:	1778574
Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	23.6	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 31.891 ng

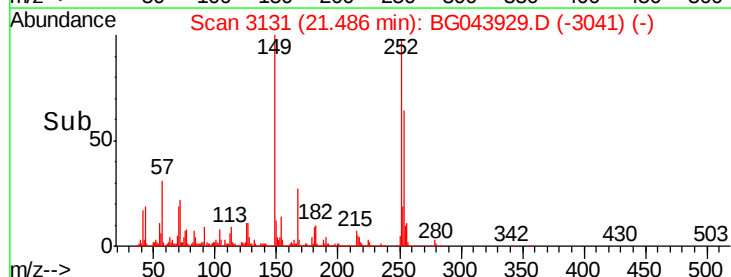
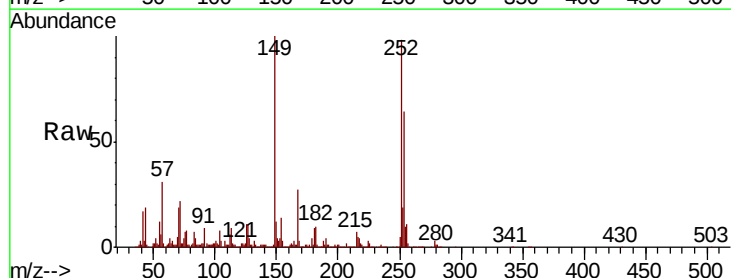
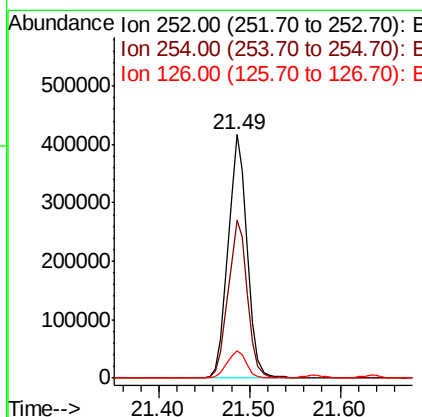
RT: 21.49 min Scan# 3131

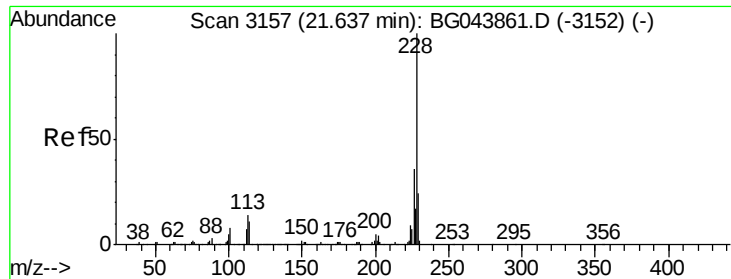
Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion:	252	Resp:	608997
Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	11.0	9.1	13.7





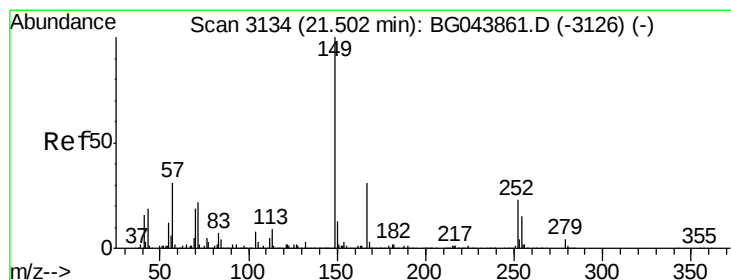
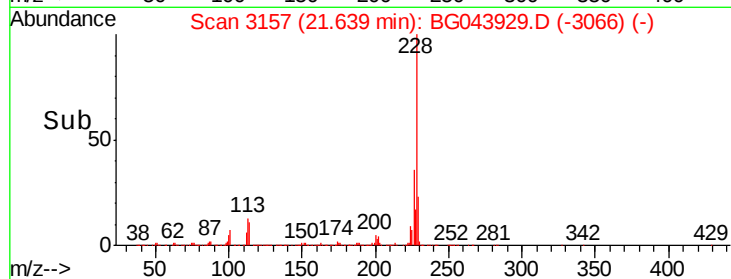
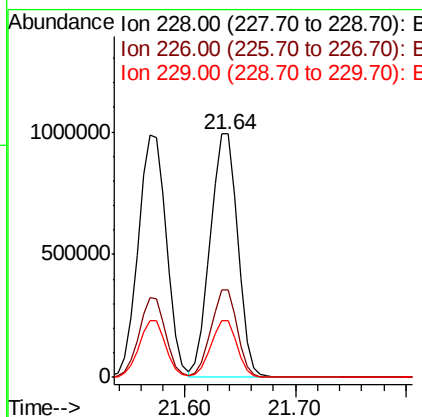
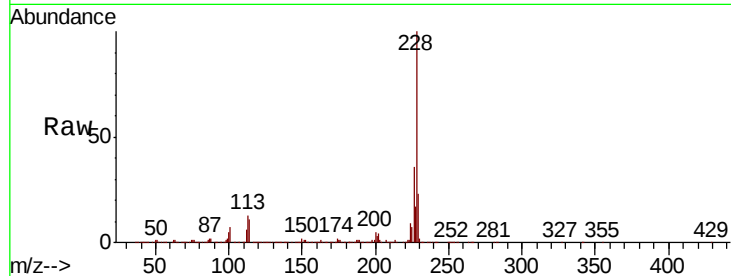
#83
Chrysene
Concen: 37.089 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion:228 Resp: 1703443
Ion Ratio Lower Upper
228 100
226 35.7 28.8 43.2
229 23.3 19.0 28.6

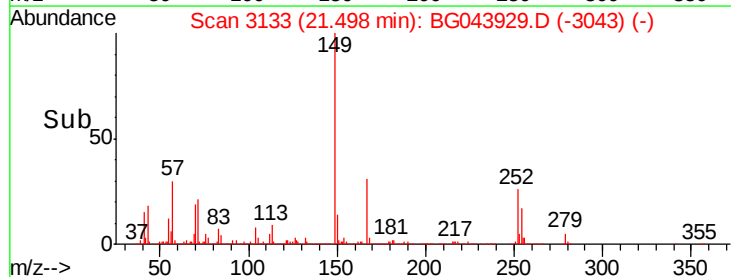
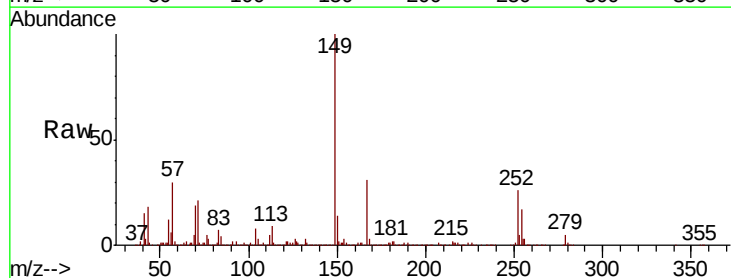
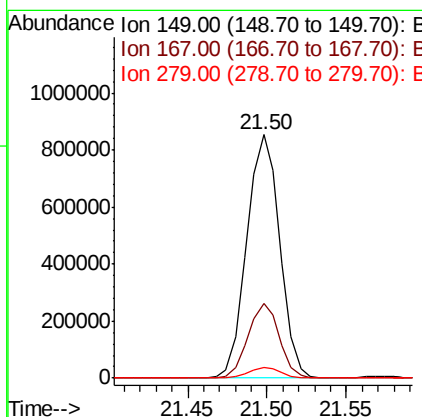
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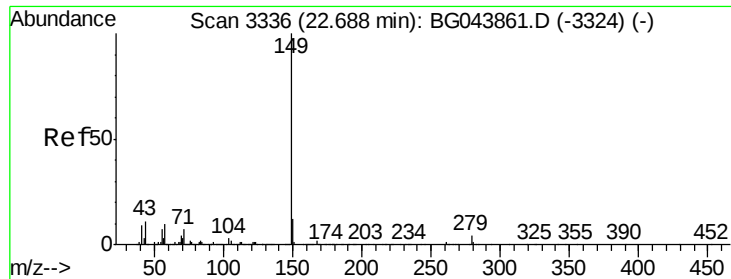
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.866 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion:149 Resp: 1232271
Ion Ratio Lower Upper
149 100
167 30.8 24.7 37.1
279 4.6 3.3 4.9





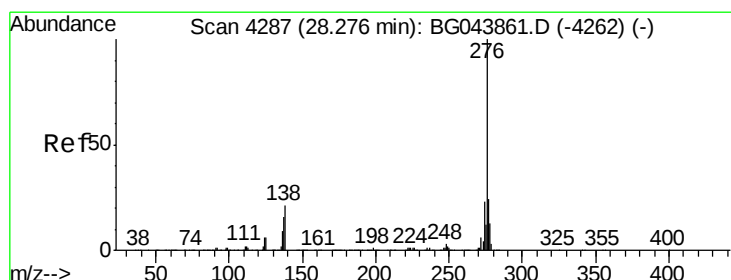
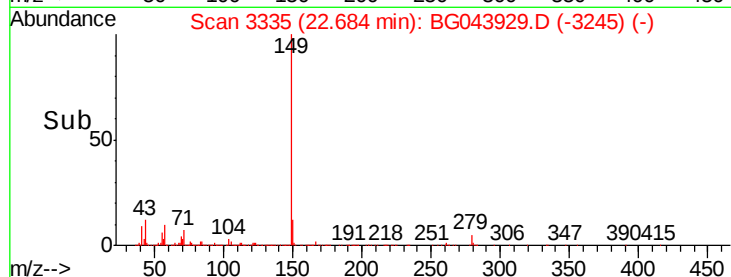
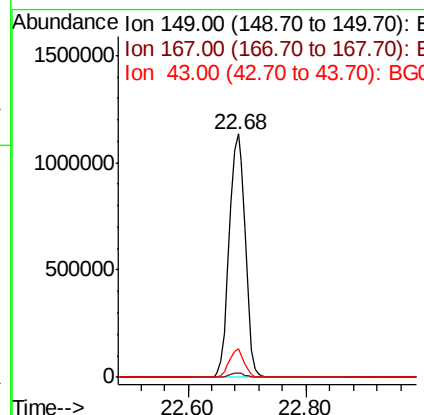
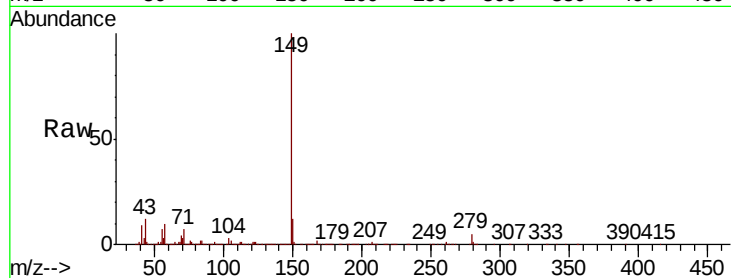
#85
Di-n-octyl phthalate
Concen: 37.866 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampled :
PB125878BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.9	8.8	13.2

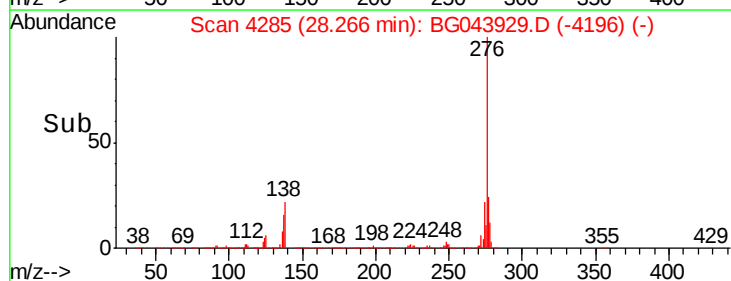
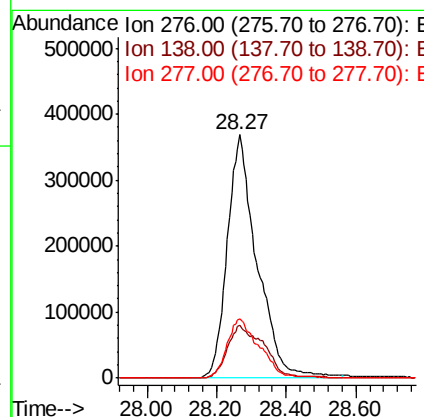
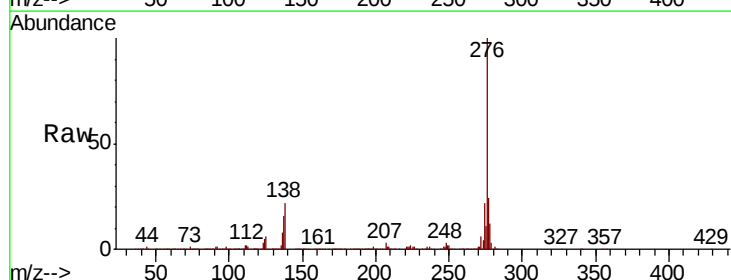
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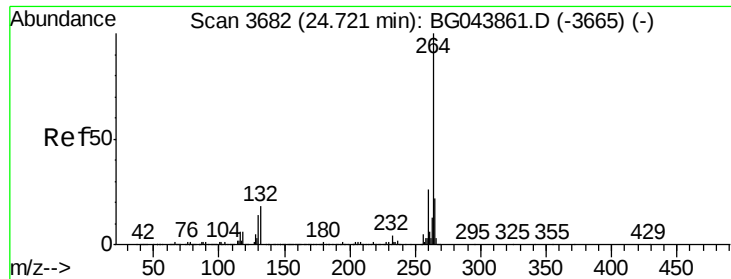
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.978 ng
RT: 28.27 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.0	31.4
277	26.1	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Instrument :

BNA_G

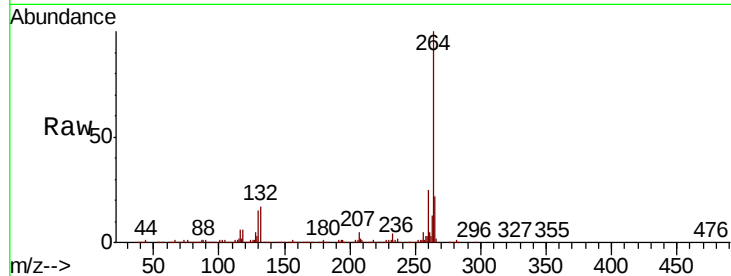
ClientSampleId :

PB125878BS

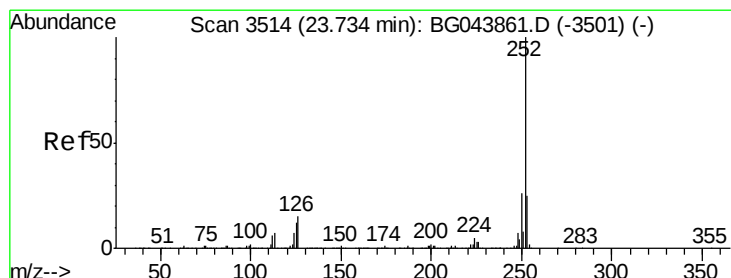
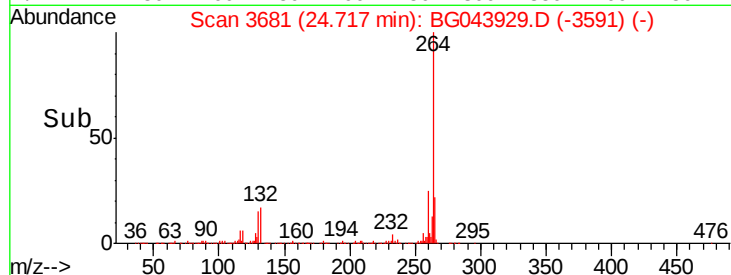
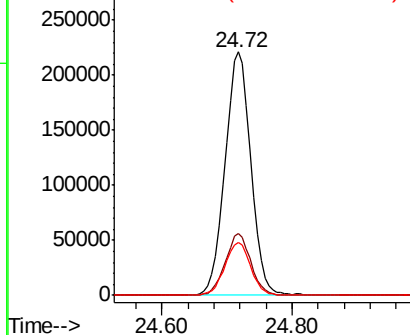
Tot Ion:	264	Resp:	606857
Ion Ratio		Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.0	17.4	26.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.858 ng

RT: 23.73 min Scan# 3513

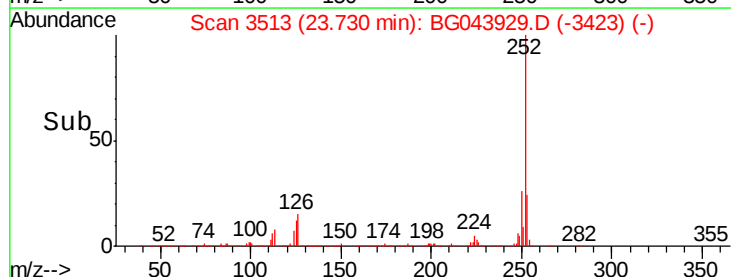
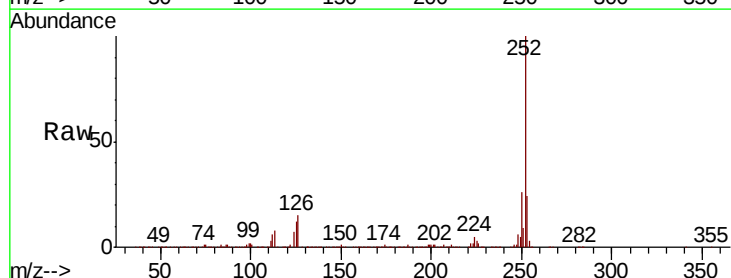
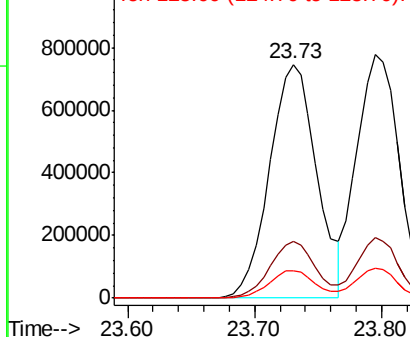
Delta R.T. -0.00 min

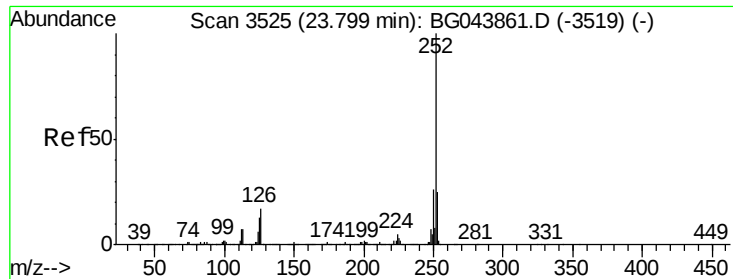
Lab File: BG043929.D

Acq: 6 Jan 2020 13:26

Tgt Ion:	252	Resp:	1932209
Ion Ratio		Lower	Upper
252	100		
253	24.4	19.7	29.5
125	11.8	9.4	14.2

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





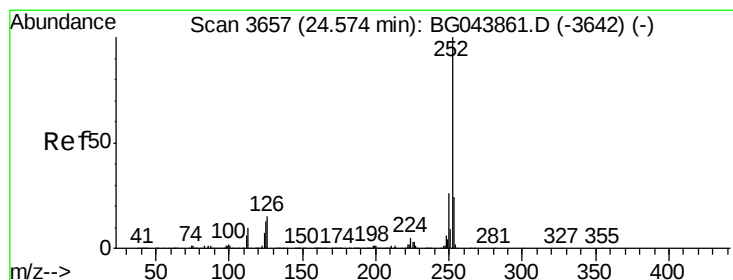
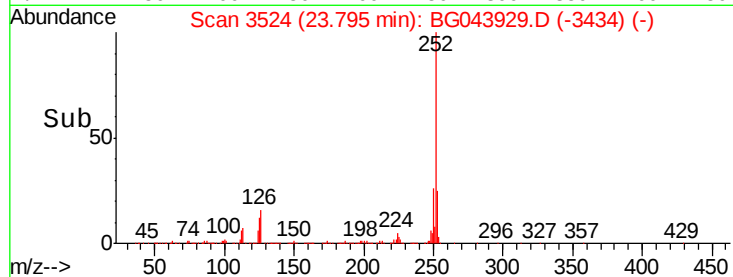
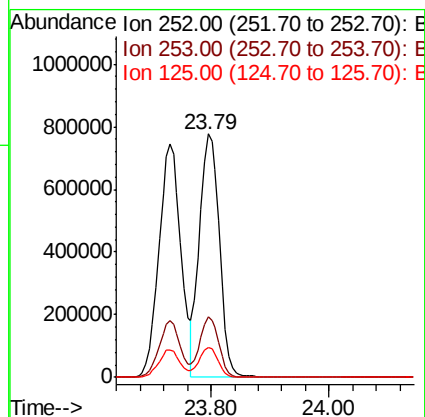
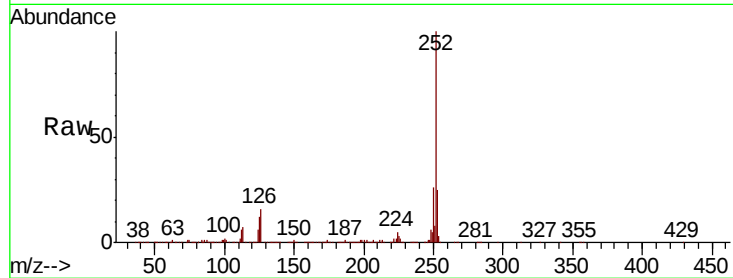
#89
Benzo(k)fluoranthene
Concen: 53.325 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.2
125	12.0	9.9	14.9

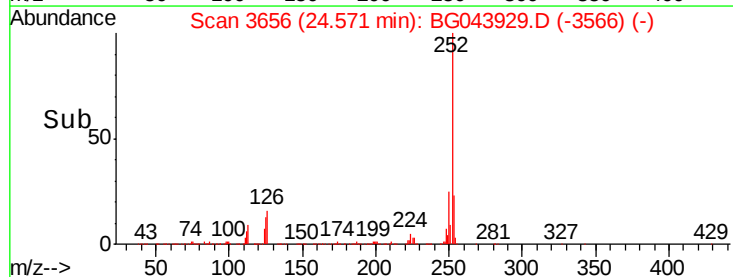
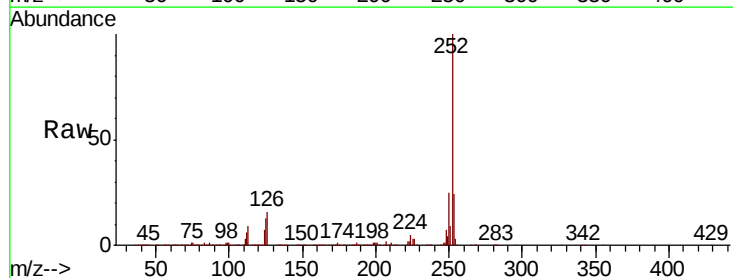
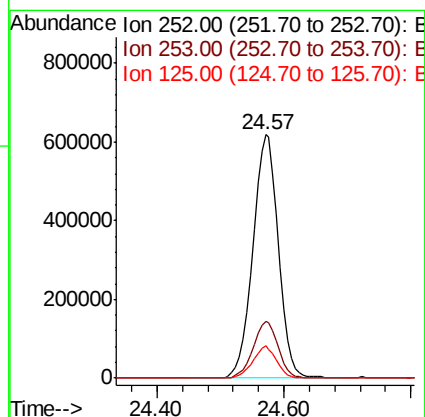
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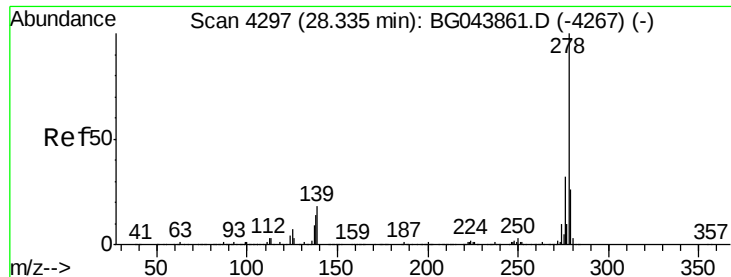
mohammad
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#90
Benzo(a)pyrene
Concen: 51.311 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	13.3	10.4	15.6





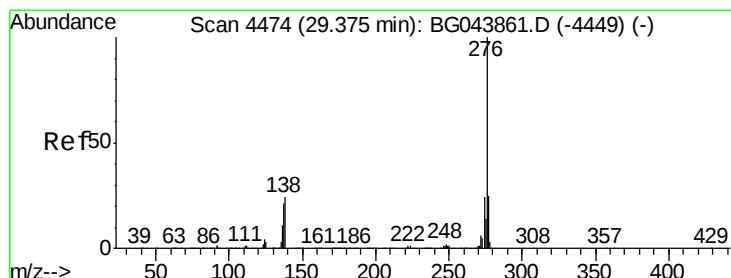
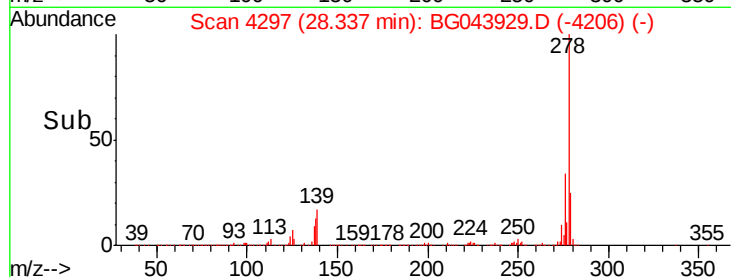
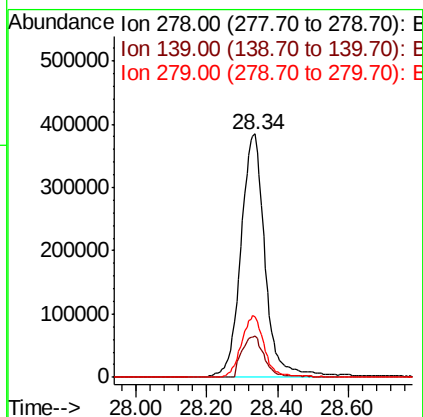
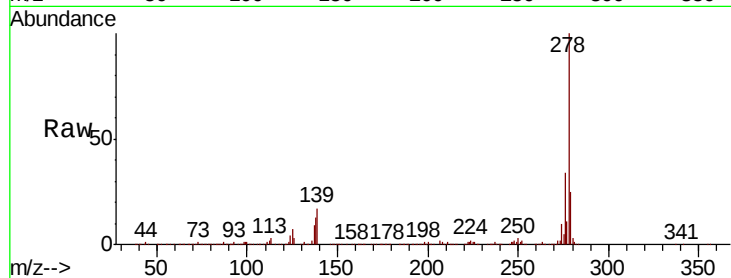
#91
Dibenzo(a,h)anthracene
Concen: 53.956 ng
RT: 28.34 min Scan# 4297
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Instrument :
BNA_G
ClientSampleId :
PB125878BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.4
279	24.8	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 53.095 ng
RT: 29.38 min Scan# 4474
Delta R.T. 0.00 min
Lab File: BG043929.D
Acq: 6 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.2	30.4
138	22.1	19.0	28.6

