

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043969.D
 Acq On : 8 Jan 2020 16:06
 Operator : JU
 Sample : PB125943BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

Manual Integrations
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mohammad
 1/9/2020 12:10:04 PM

Quant Time: Jan 09 06:42:00 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	116919	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	484554	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	317219	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	656993	20.00	ng	0.00
76) Chrysene-d12	21.58	240	566329	20.00	ng	0.00
87) Perylene-d12	24.70	264	576039	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	813592	127.77	ng	0.00
7) Phenol-d6	7.13	99	1060555	119.15	ng	0.00
23) Nitrobenzene-d5	9.11	82	656126	72.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	385240	116.05	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1424537	81.36	ng	-0.01
79) Terphenyl-d14	19.94	244	1950619	82.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	117695	42.391	ng	97
3) Pyridine	3.82	79	282445	34.436	ng	98
4) n-Nitrosodimethylamine	3.73	42	142740	39.088	ng	95
6) Aniline	7.28	93	366118	31.316	ng	98
8) 2-Chlorophenol	7.52	128	337202	45.107	ng	97
9) Benzaldehyde	7.09	77	204997	35.985	ng	98
10) Phenol	7.15	94	409960	44.703	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	320546	40.492	ng	100
12) 1,3-Dichlorobenzene	7.85	146	358997	41.038	ng	99
13) 1,4-Dichlorobenzene	7.99	146	356035	41.249	ng	98
14) 1,2-Dichlorobenzene	8.31	146	338463	40.853	ng	98
15) Benzyl Alcohol	8.19	79	286932	40.845	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	437714	35.740	ng	100
17) 2-Methylphenol	8.40	107	290781	43.815	ng	100
18) Hexachloroethane	9.05	117	133239	39.671	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	247329	37.312	ng	98
20) 3+4-Methylphenols	8.73	107	397998	42.989	ng	99
22) Acetophenone	8.78	105	457529	37.980	ng	# 98
24) Nitrobenzene	9.15	77	347606	38.748	ng	99
25) Isophorone	9.68	82	673738	39.647	ng	99
26) 2-Nitrophenol	9.87	139	192346	45.318	ng	96
27) 2,4-Dimethylphenol	9.93	122	318482	49.848	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	428784	37.848	ng	100
29) 2,4-Dichlorophenol	10.41	162	333160	43.716	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	333053	38.976	ng	97
31) Naphthalene	10.81	128	970887	41.405	ng	100
32) Benzoic acid	10.07	122	173252	35.217	ng	93
33) 4-Chloroaniline	10.91	127	248404	22.211	ng	98
34) Hexachlorobutadiene	11.10	225	191918	36.786	ng	98
35) Caprolactam	11.68	113	121154m	42.704	ng	
36) 4-Chloro-3-methylphenol	12.04	107	345563	42.594	ng	99
37) 2-Methylnaphthalene	12.42	142	717537	40.646	ng	98
38) 1-Methylnaphthalene	12.64	142	688284	41.138	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	342005	36.784	ng	99

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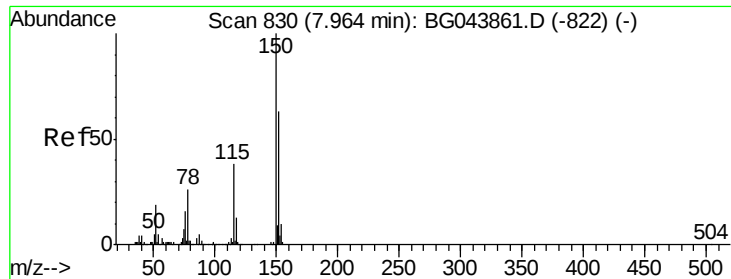
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	410683	85.199	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	262237	40.990	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	279076	42.295	nq	98
46) 1,1'-Biphenyl	13.42	154	898622	39.510	nq	99
47) 2-Chloronaphthalene	13.46	162	701839	38.188	nq	98
48) 2-Nitroaniline	13.66	65	216297	36.587	nq	95
49) Acenaphthylene	14.31	152	1108590	41.967	nq	98
50) Dimethylphthalate	14.05	163	897395	39.842	nq	99
51) 2,6-Dinitrotoluene	14.16	165	205497	40.365	nq	96
52) Acenaphthene	14.66	154	696931	37.621	nq	99
53) 3-Nitroaniline	14.49	138	152117	26.313	nq	98
54) 2,4-Dinitrophenol	14.69	184	200440	77.470	nq	97
55) Dibenzofuran	14.99	168	1051634	41.238	nq	99
56) 4-Nitrophenol	14.80	139	397943	89.826	nq	93
57) 2,4-Dinitrotoluene	14.94	165	282320	40.755	nq	98
58) Fluorene	15.64	166	825317	40.832	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	240131	42.323	nq	98
60) Diethylphthalate	15.41	149	899827	39.942	nq	98
61) 4-Chlorophenyl-phenylether	15.63	204	428651	39.055	nq	98
62) 4-Nitroaniline	15.65	138	210421	36.858	nq	94
63) Azobenzene	15.93	77	828180	39.640	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	155804	46.208	nq	98
66) n-Nitrosodiphenylamine	15.84	169	776571	40.138	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	273421	37.003	nq	98
68) Hexachlorobenzene	16.65	284	290632	36.502	nq	99
69) Atrazine	16.80	200	289118	45.972	nq	98
70) Pentachlorophenol	16.99	266	357073	81.355	nq	98
71) Phenanthrene	17.38	178	1289117	40.908	nq	99
72) Anthracene	17.46	178	1334380	42.846	nq	99
73) Carbazole	17.74	167	1224301	42.558	nq	99
74) Di-n-butylphthalate	18.30	149	1494824	40.698	nq	98
75) Fluoranthene	19.38	202	1473079	40.874	nq	99
77) Benzidine	19.56	184	619414	43.513	nq	97
78) Pyrene	19.74	202	1482590	40.106	nq	98
80) Butylbenzylphthalate	20.64	149	699426	39.741	nq	96
81) Benzo(a)anthracene	21.57	228	1417518	40.366	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	412806	29.755	nq	99
83) Chrysene	21.63	228	1363585	40.866	nq	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	983607	40.505	nq	98
85) Di-n-octyl phthalate	22.67	149	1710197	41.891	nq	98
86) Indeno(1,2,3-cd)pyrene	28.26	276	1704652	37.592	nq	99
88) Benzo(b)fluoranthene	23.72	252	1491293	43.792	nq	100
89) Benzo(k)fluoranthene	23.79	252	1433957	44.281	nq	99
90) Benzo(a)pyrene	24.56	252	1363410	42.420	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	1415986	43.867	nq	98
92) Benzo(g,h,i)perylene	29.36	276	1435180	44.761	nq	98

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



#1

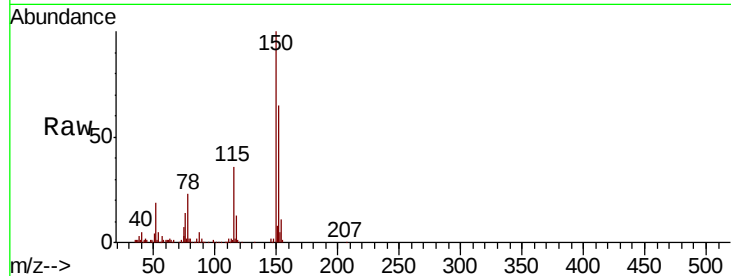
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampled :
PB125943BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	127.0	190.4
115	55.5	47.8	71.8

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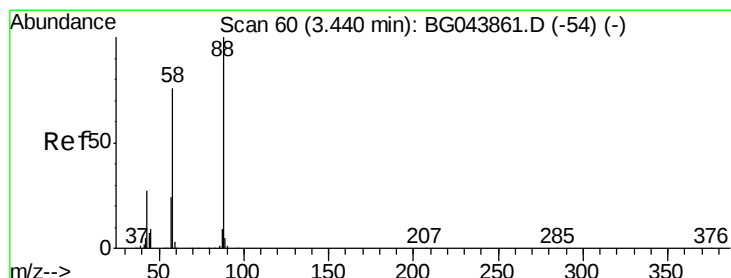
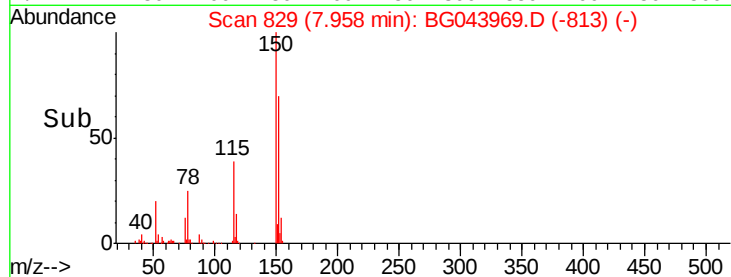
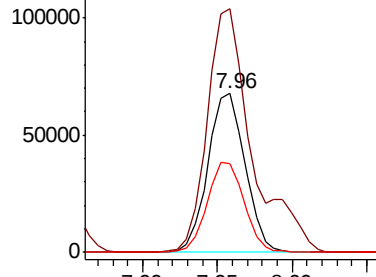


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

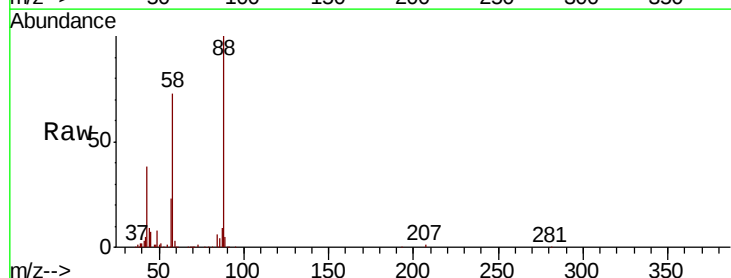
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.391 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	59.8	89.8
43	32.8	22.9	34.3

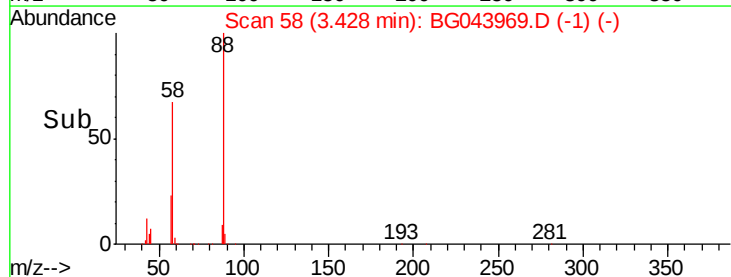
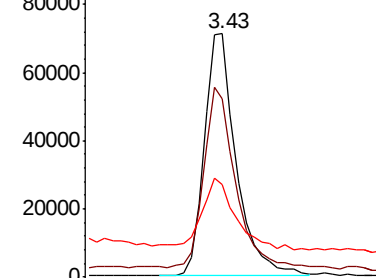


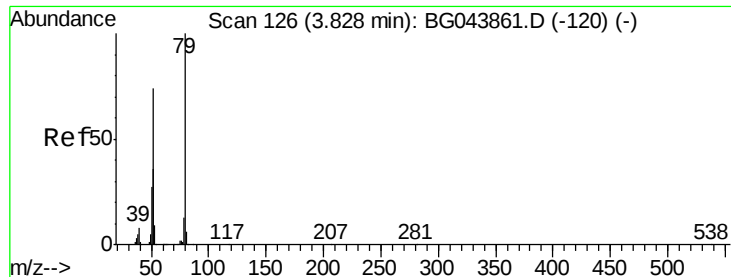
Abundance

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: 34.436 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

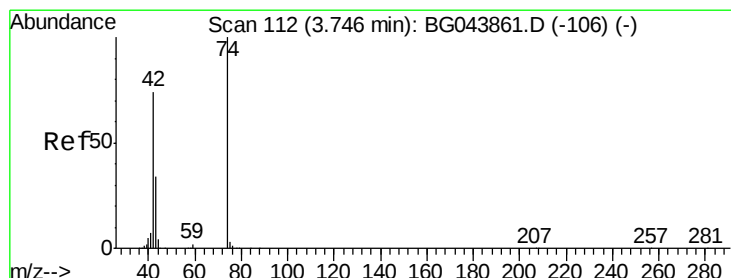
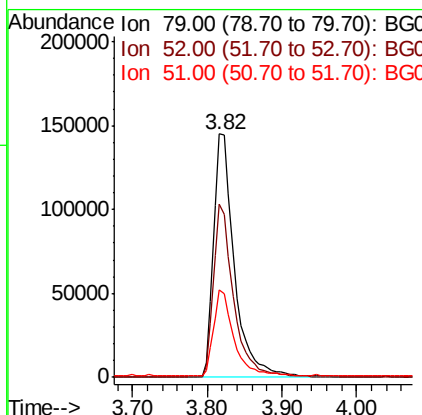
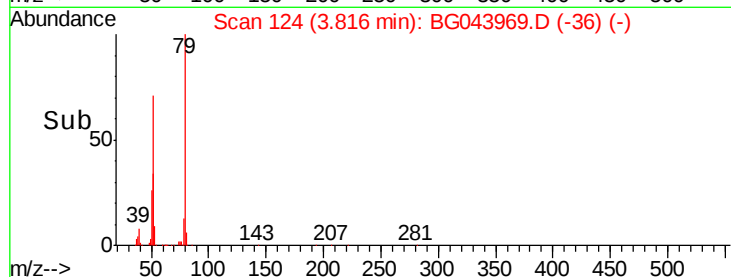
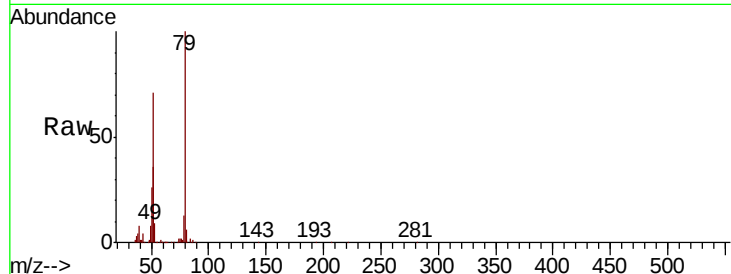
ClientSampleId :

PB125943BS

Tot Ion:	79	Resp:	282445
Ion Ratio	Lower	Upper	
79	100		
52	71.4	58.9	88.3
51	36.1	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 39.088 ng

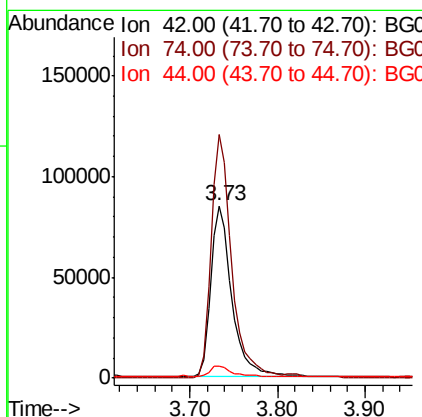
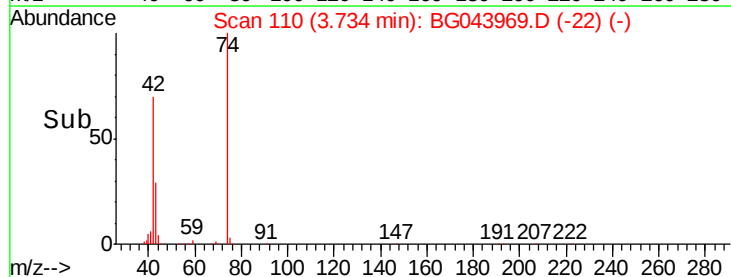
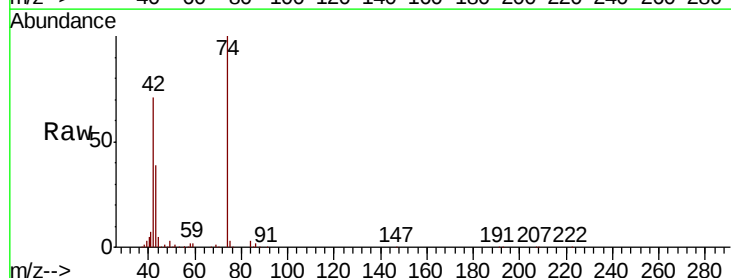
RT: 3.73 min Scan# 110

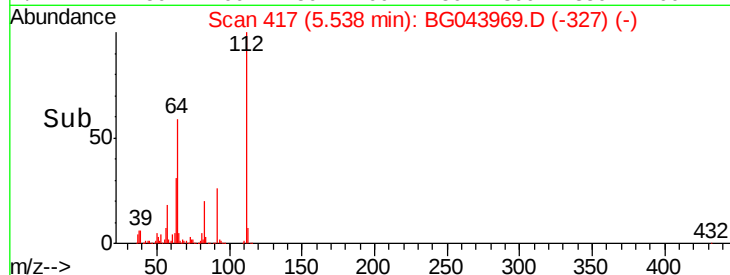
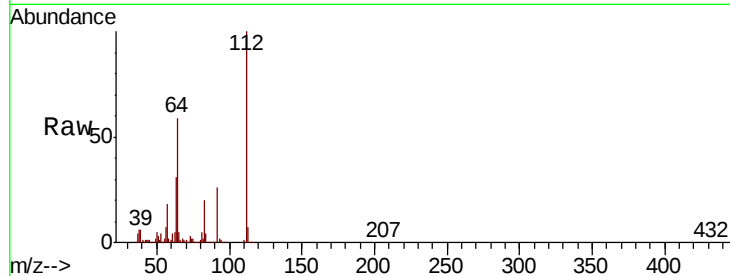
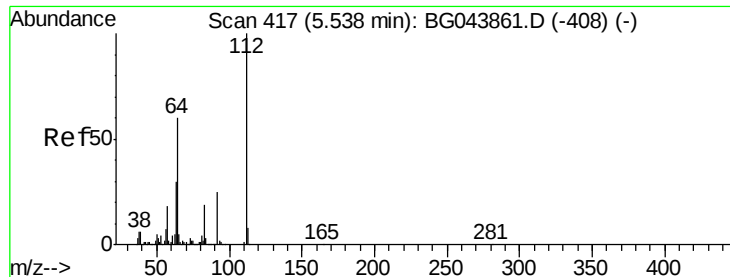
Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	42	Resp:	142740
Ion Ratio	Lower	Upper	
42	100		
74	141.3	108.6	162.8
44	7.1	5.0	7.6





#5

2-Fluorophenol

Concen: 127.768 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tot Ion:	112	Resp:	813592
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.8	71.6
63	30.9	24.3	36.5

Instrument :

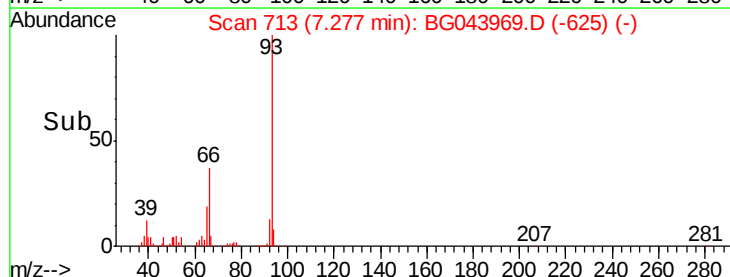
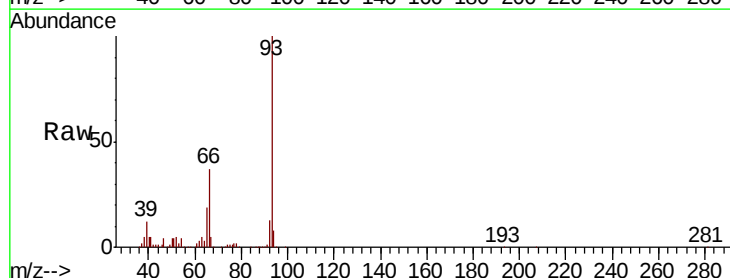
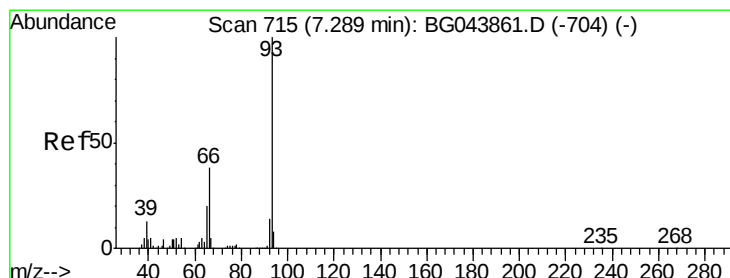
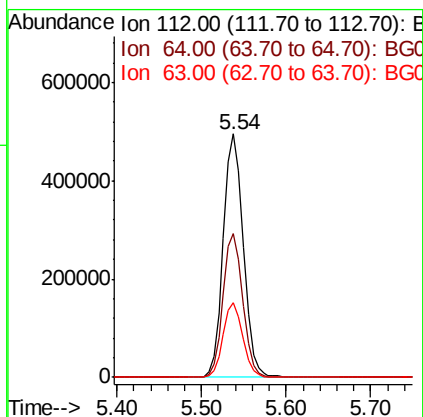
BNA_G

ClientSampleId :

PB125943BS

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#6

Aniline

Concen: 31.316 ng

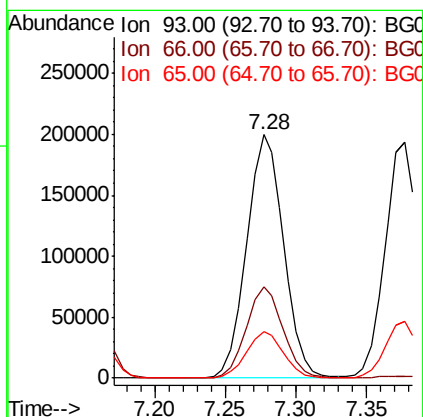
RT: 7.28 min Scan# 713

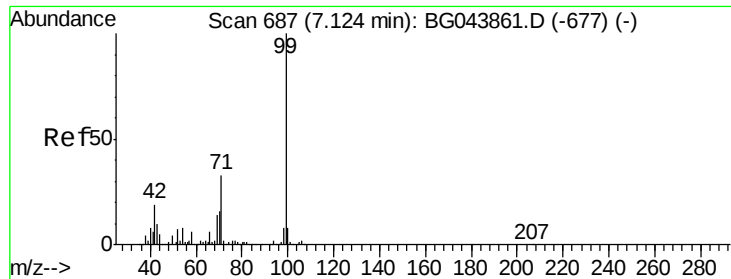
Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	93	Resp:	366118
Ion Ratio	Lower	Upper	
93	100		
66	37.3	30.8	46.2
65	19.2	16.0	24.0





#7

Phenol-d6

Concen: 119.151 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

Tot Ion: 99 Resp: 1060555

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

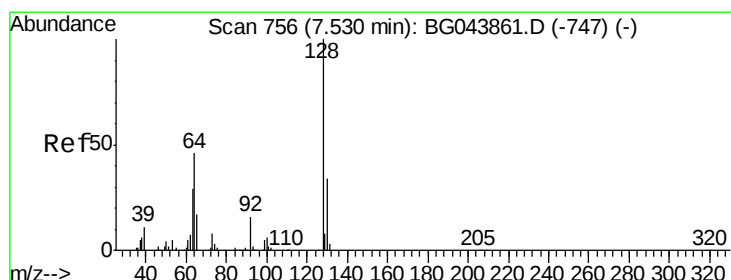
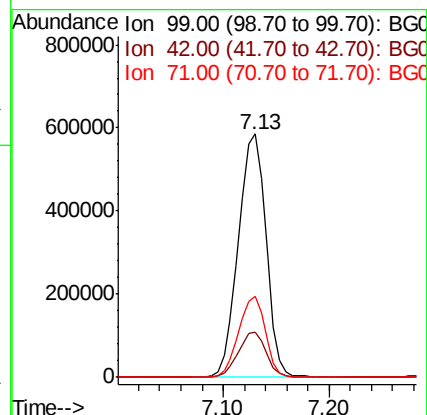
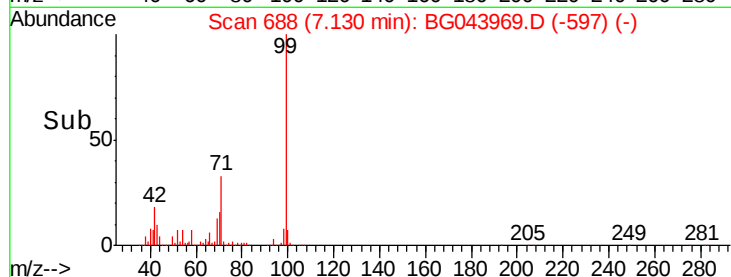
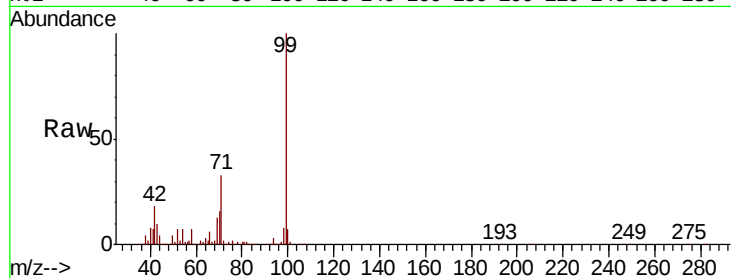
71 33.3 26.4 39.6

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#8

2-Chlorophenol

Concen: 45.107 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

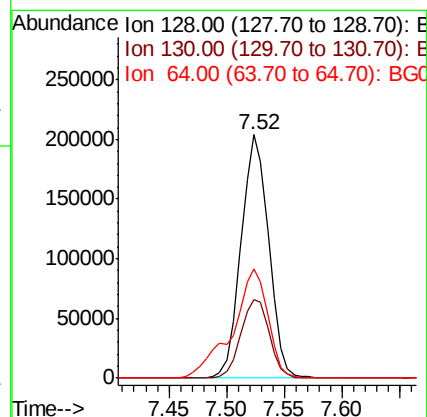
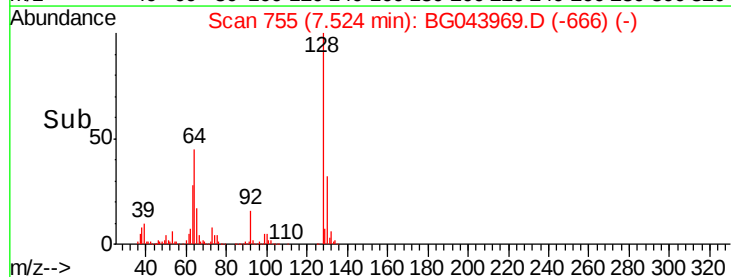
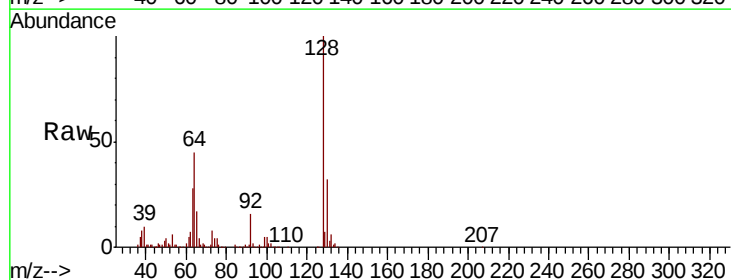
Tgt Ion: 128 Resp: 337202

Ion Ratio Lower Upper

128 100

130 32.1 13.8 53.8

64 45.1 27.6 67.6





#9

Benzaldehyde

Concen: 35.985 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

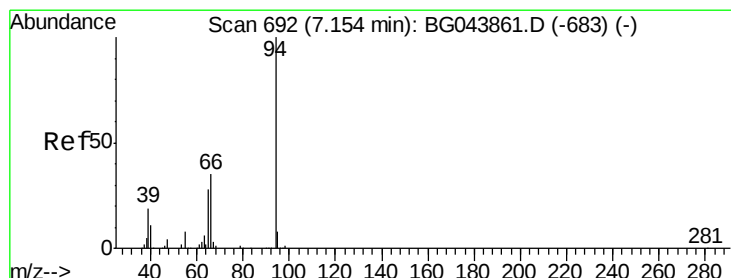
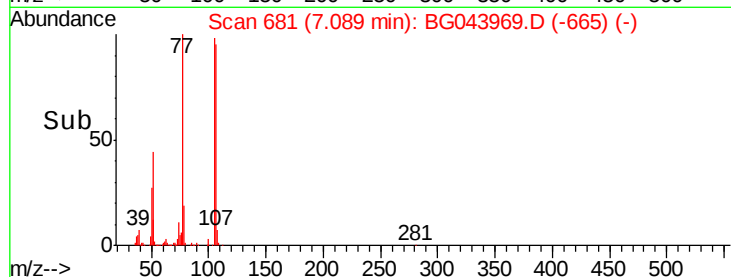
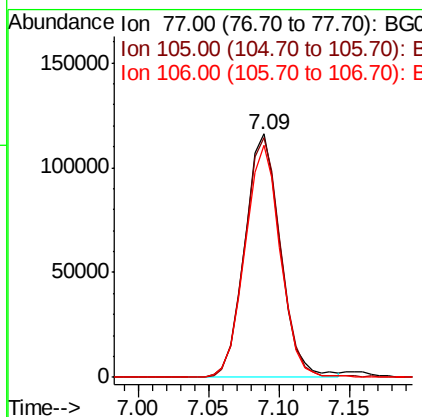
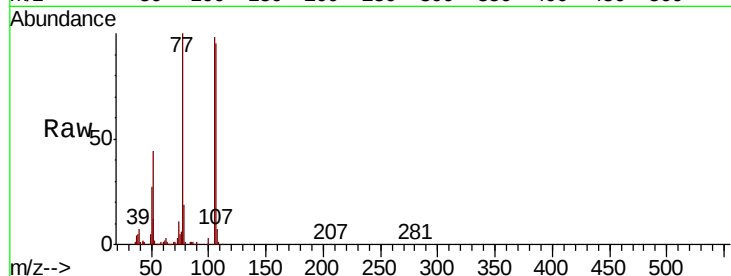
ClientSampleId :

PB125943BS

Tot Ion:	77	Resp:	204997
Ion	Ratio	Lower	Upper
77	100		
105	98.3	80.2	120.2
106	95.3	77.2	117.2

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#10

Phenol

Concen: 44.703 ng

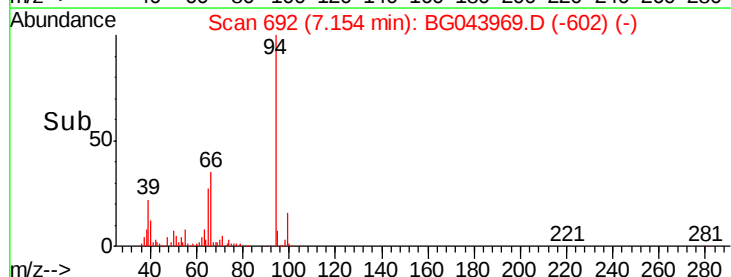
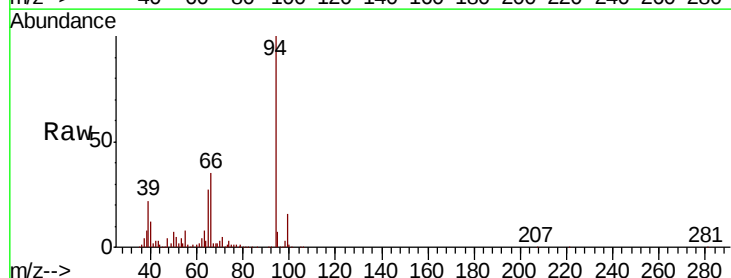
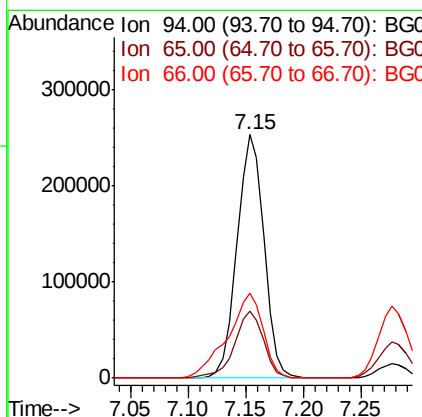
RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	94	Resp:	409960
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.1	48.1
66	34.6	15.6	55.6





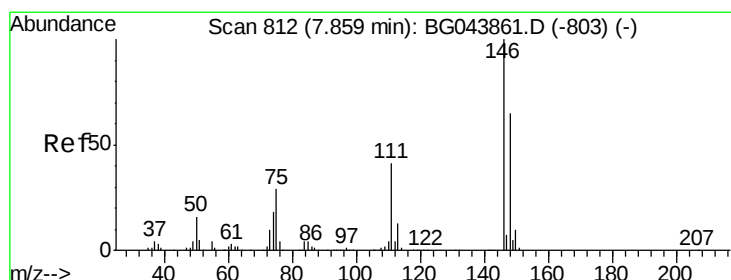
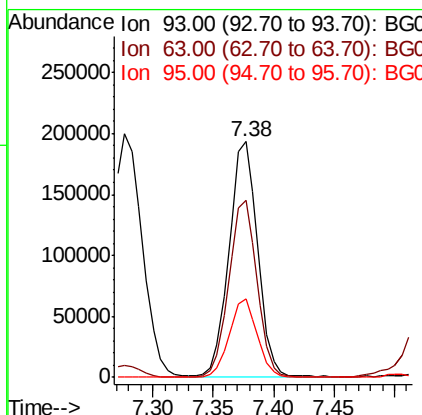
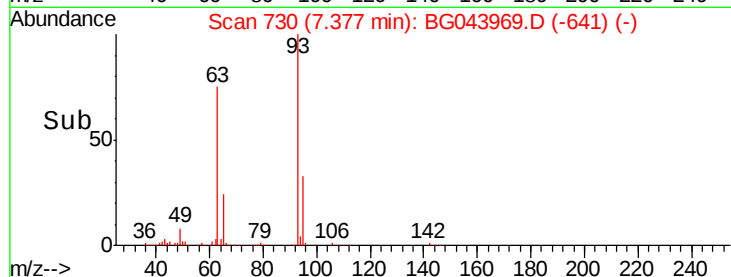
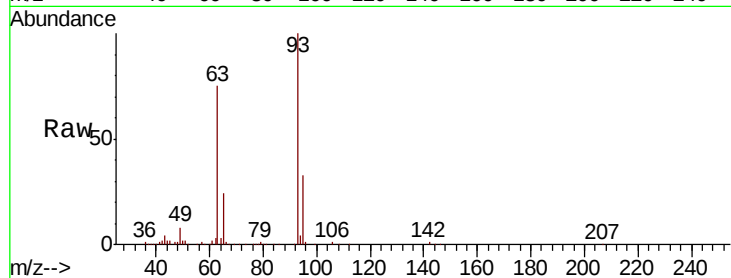
#11
bis(2-Chloroethyl)ether
Concen: 40.492 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	55.0	95.0
95	33.4	13.3	53.3

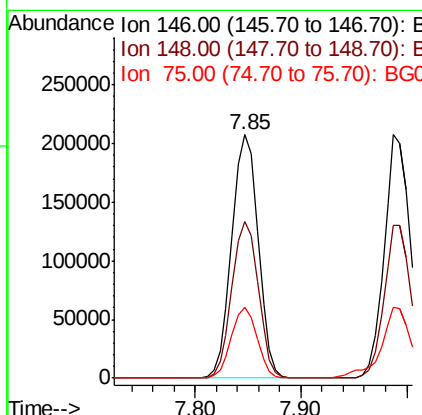
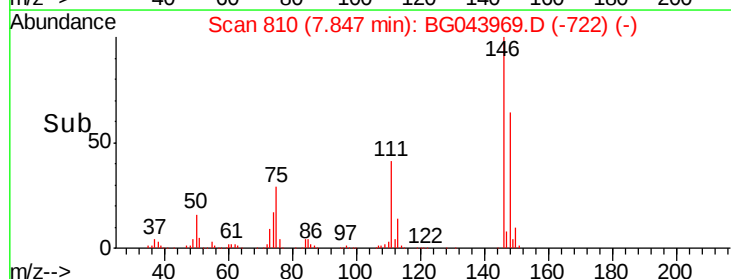
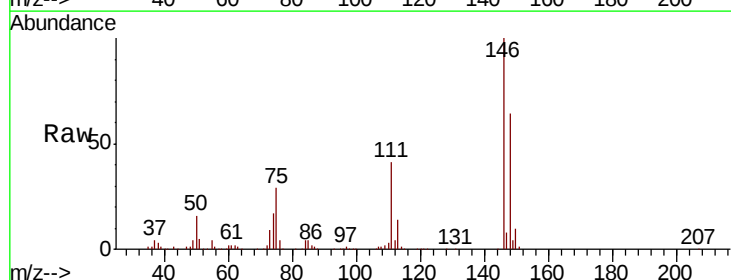
Manual Integrations
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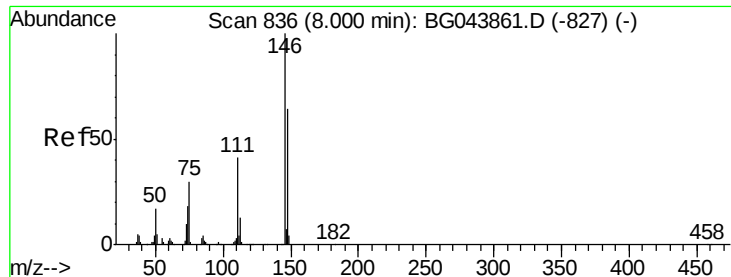
mohammad
1/9/2020 12:10:04 PM



#12
1,3-Dichlorobenzene
Concen: 41.038 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	29.0	23.0	34.4





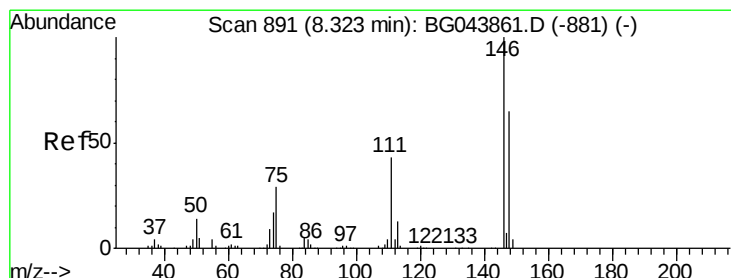
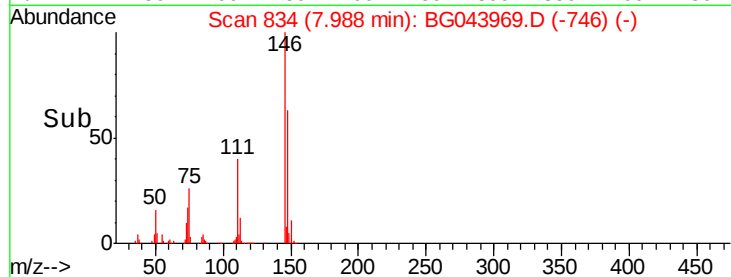
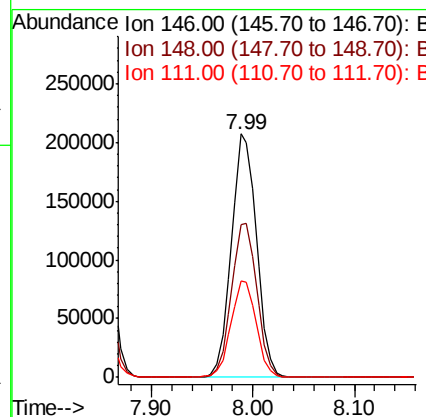
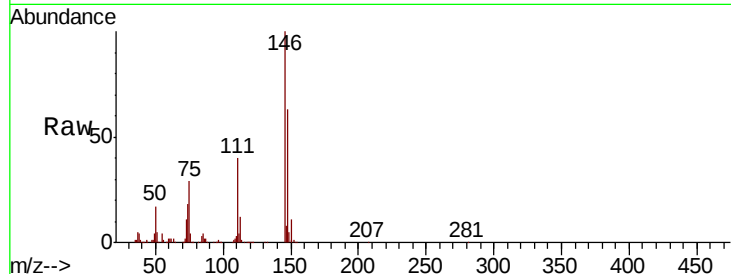
#13
 1,4-Dichlorobenzene
 Concen: 41.249 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampled :
 PB125943BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.2	76.8
111	39.8	33.1	49.7

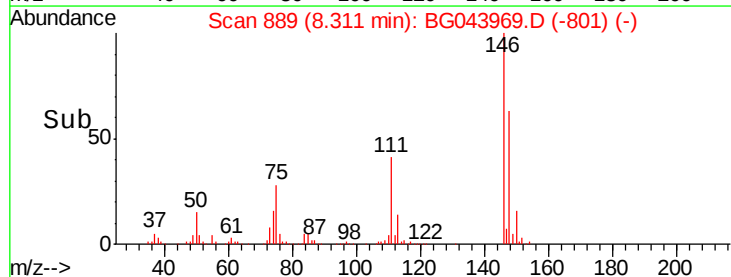
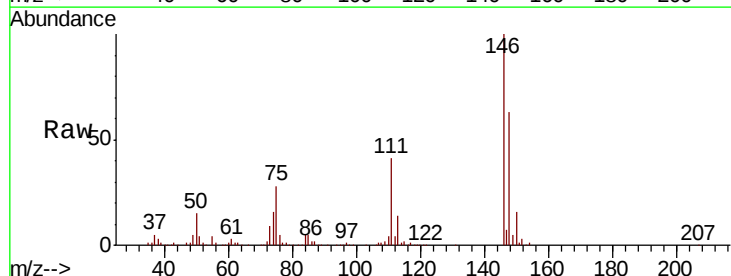
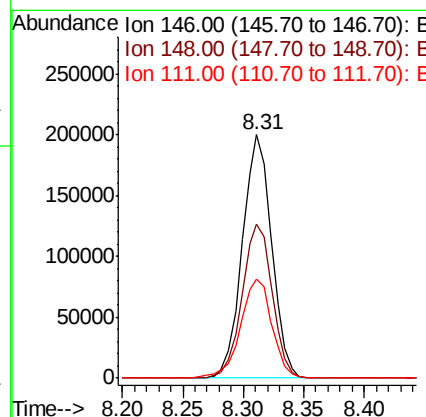
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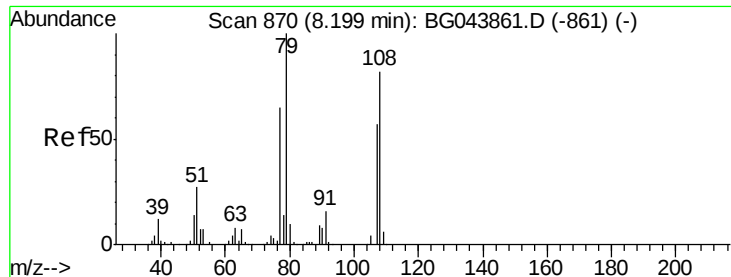
mohammad
 1/9/2020 12:10:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.853 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.7	77.5
111	40.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.845 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

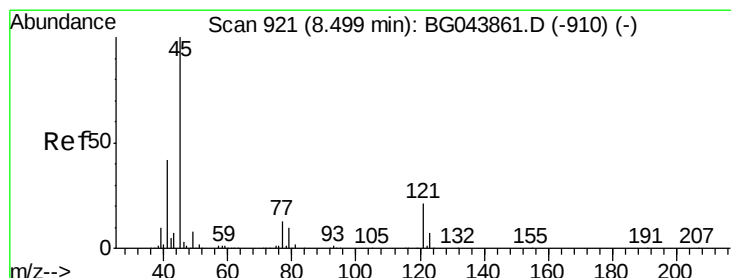
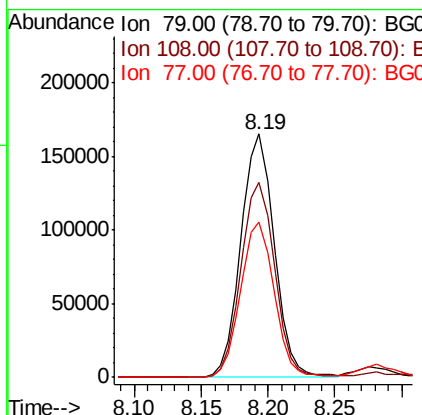
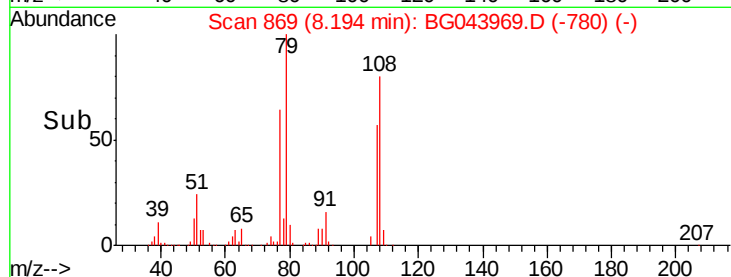
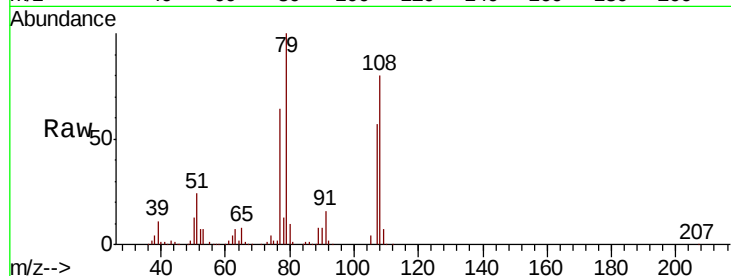
ClientSampleId :

PB125943BS

Tot Ion:	79	Resp:	286932
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.6	98.4
77	63.7	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.740 ng

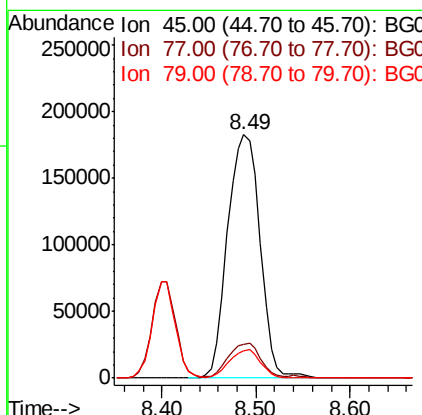
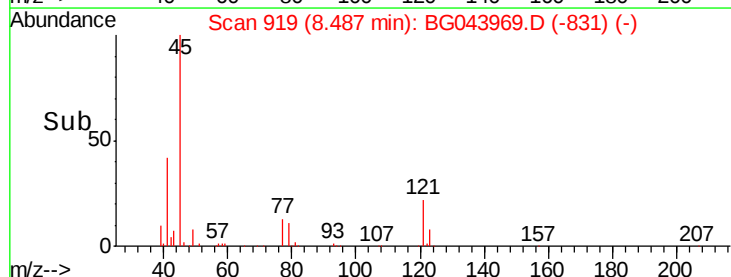
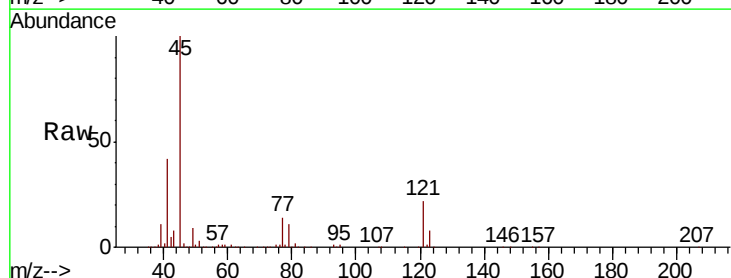
RT: 8.49 min Scan# 919

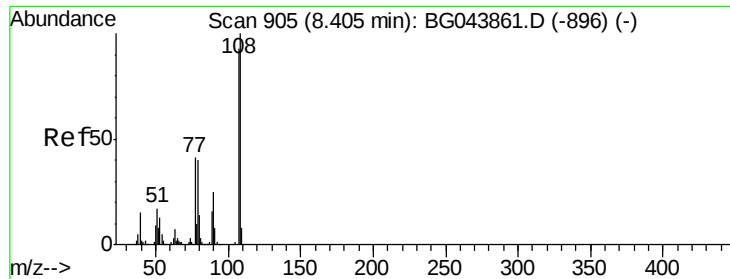
Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	45	Resp:	437714
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	33.8
79	11.0	0.0	31.0





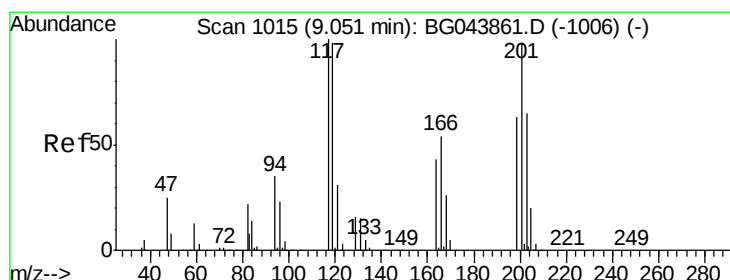
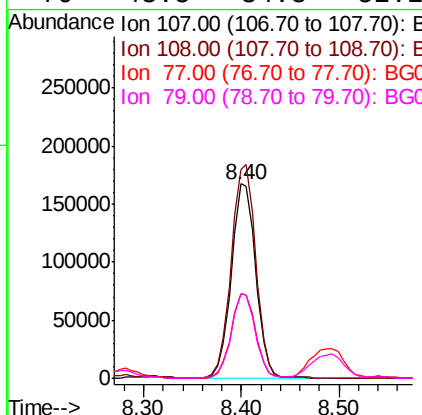
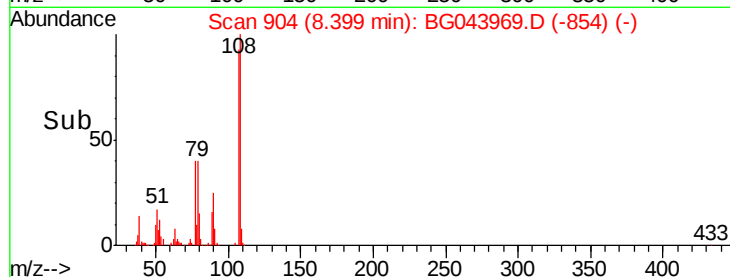
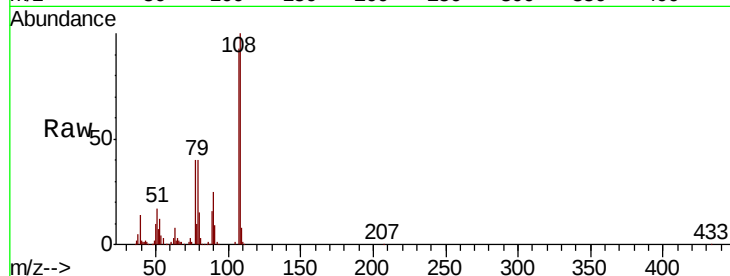
#17
2-Methylphenol
Concen: 43.815 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	86.1	129.1	
77	43.2	35.4	53.0	
79	43.5	34.8	52.2	

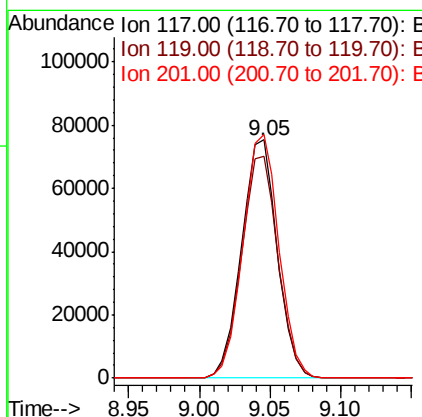
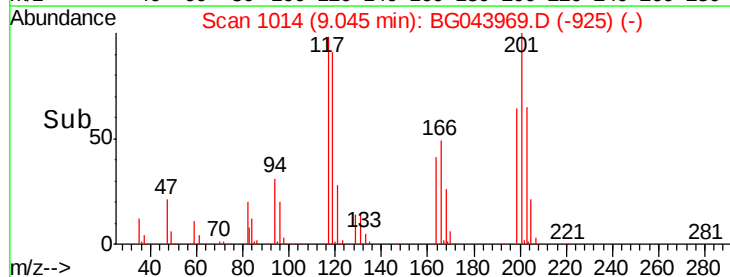
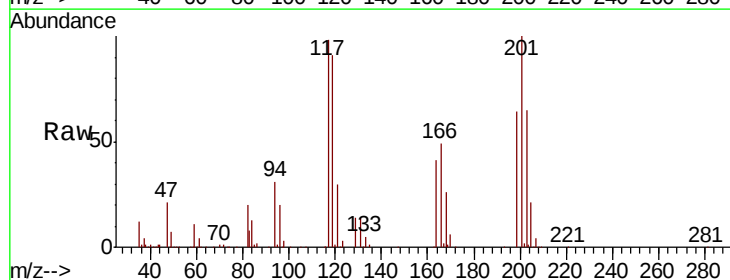
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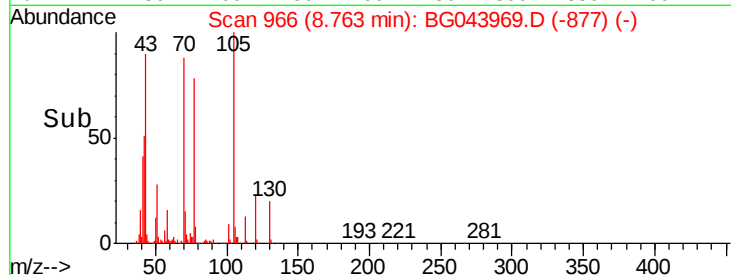
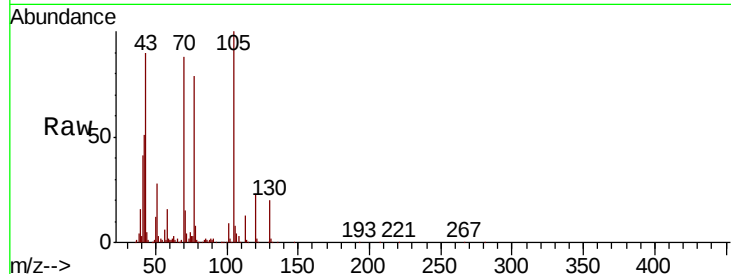
mohammad
1/9/2020 12:10:04 PM



#18
Hexachloroethane
Concen: 39.671 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	78.1	117.1	
201	102.2	78.6	117.8	





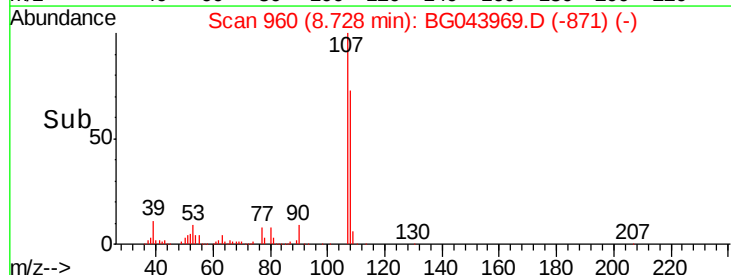
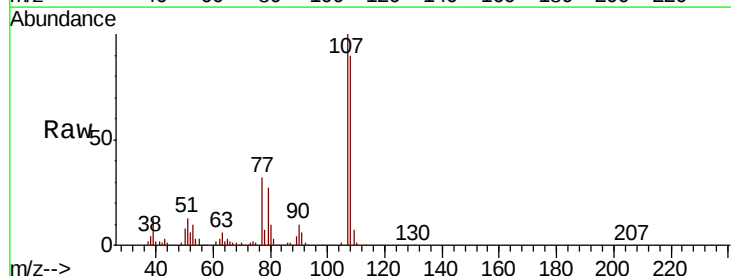
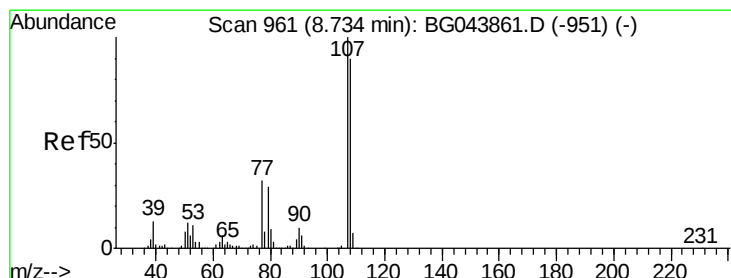
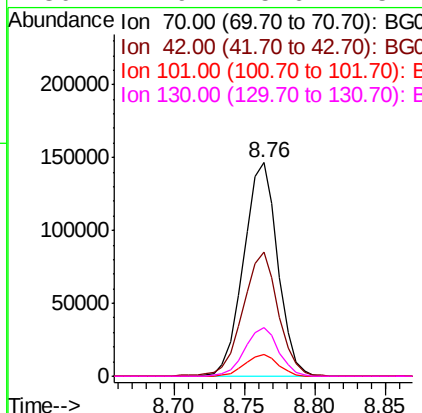
#19
n-Nitroso-di-n-propylamine
Concen: 37.312 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.3	47.0	70.4	
101	10.2	7.2	10.8	
130	22.9	15.6	23.4	

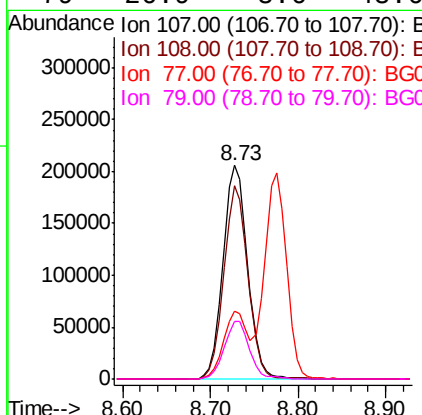
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#20
3+4-Methylphenols
Concen: 42.989 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	70.3	110.3	
77	32.1	12.4	52.4	
79	26.9	8.6	48.6	





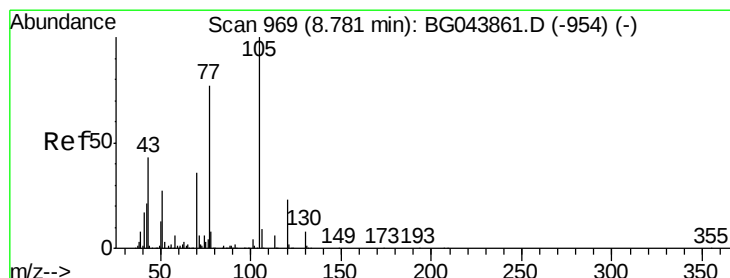
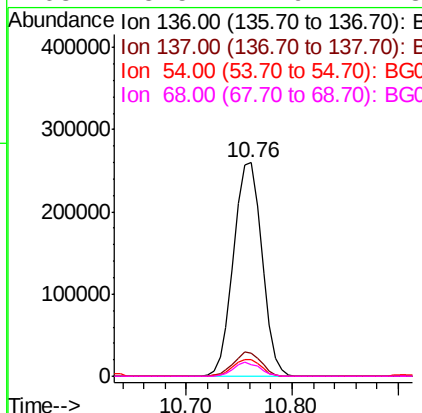
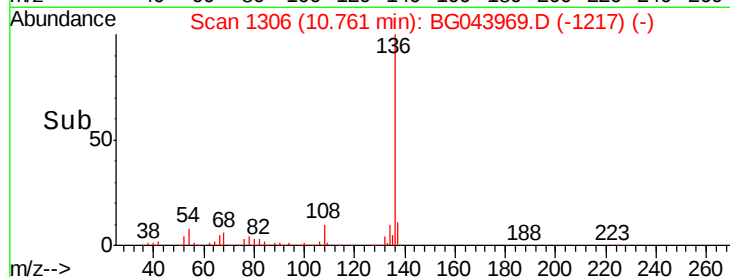
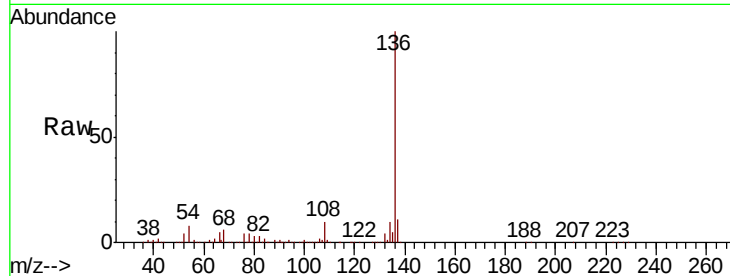
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	8.1	7.0	10.4	
68	5.5	4.9	7.3	

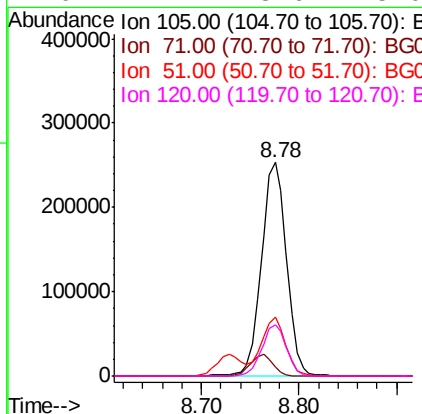
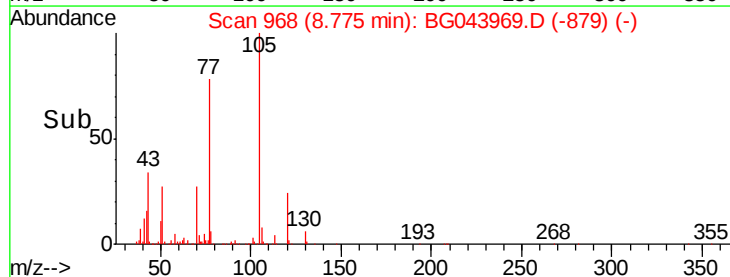
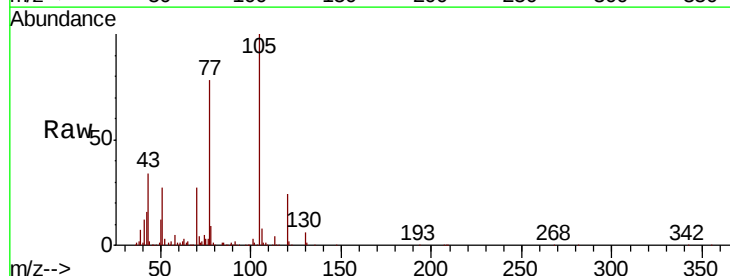
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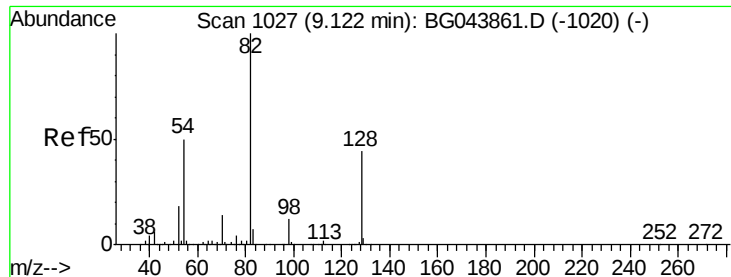
mohammad
1/9/2020 12:10:04 PM



#22
Acetophenone
Concen: 37.980 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.4	4.8	7.2#	
51	27.4	21.4	32.0	
120	24.1	18.6	28.0	





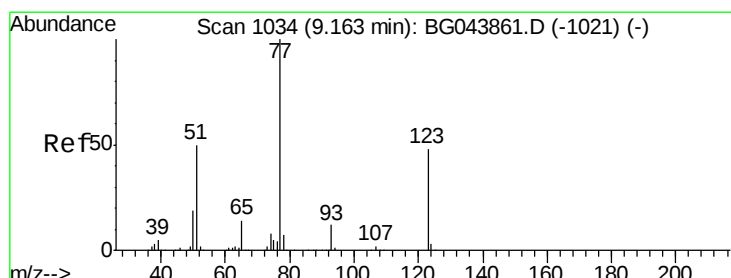
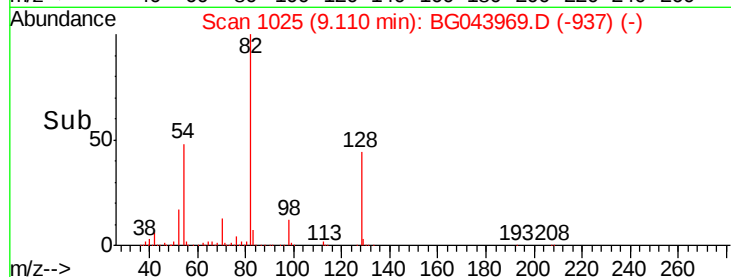
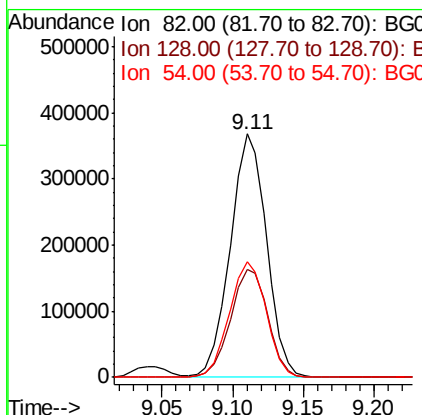
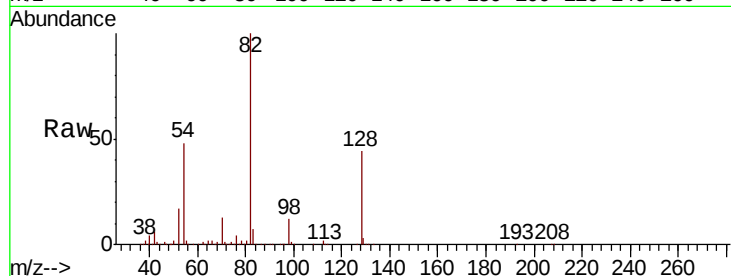
#23
 Nitrobenzene-d5
 Concen: 72.438 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampleID :
 PB125943BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.1	52.7
54	47.7	40.1	60.1

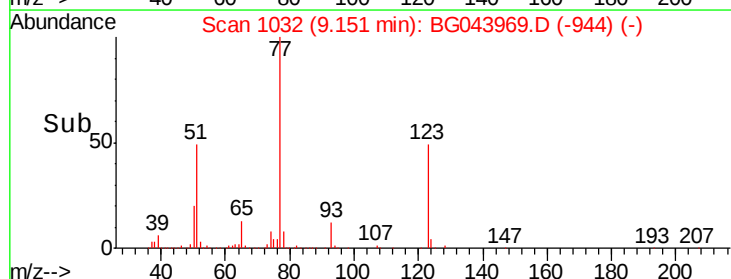
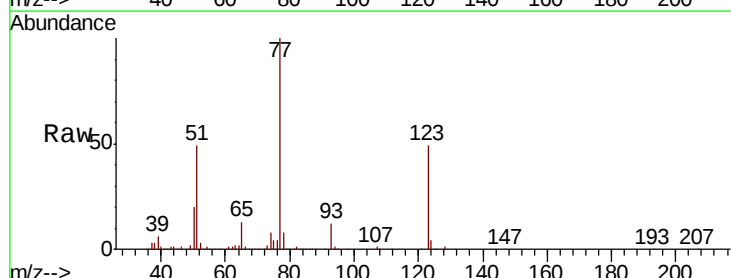
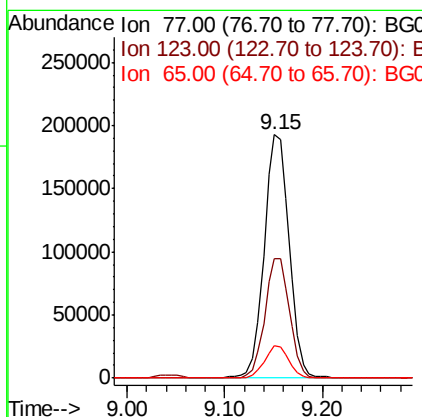
Manual Integrations
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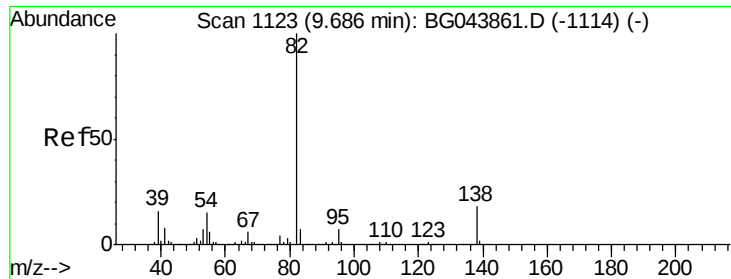
mohammad
 1/9/2020 12:10:04 PM



#24
 Nitrobenzene
 Concen: 38.748 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.7	58.1
65	13.1	11.1	16.7





#25

Isophorone

Concen: 39.647 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

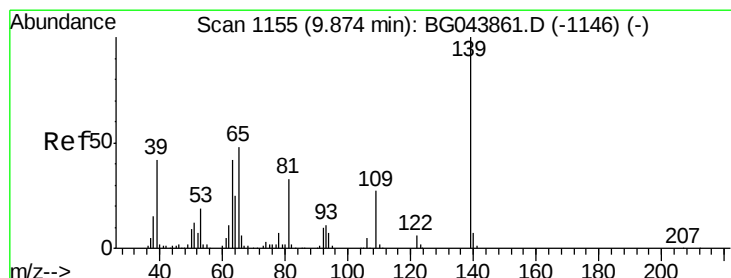
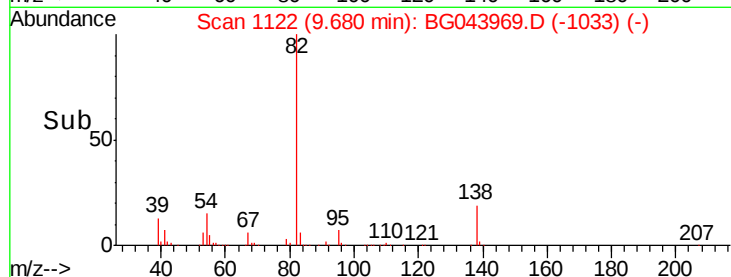
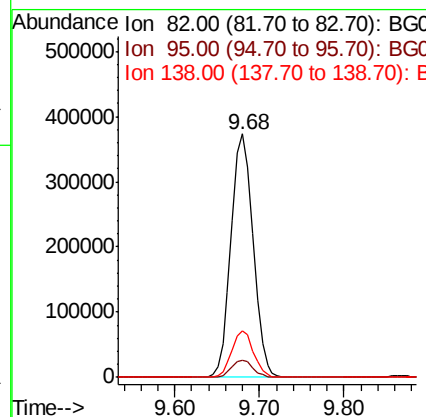
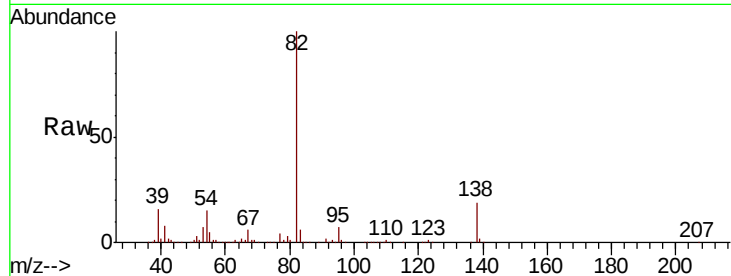
ClientSampleId :

PB125943BS

Tot Ion:	82	Resp:	673738
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	19.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 45.318 ng

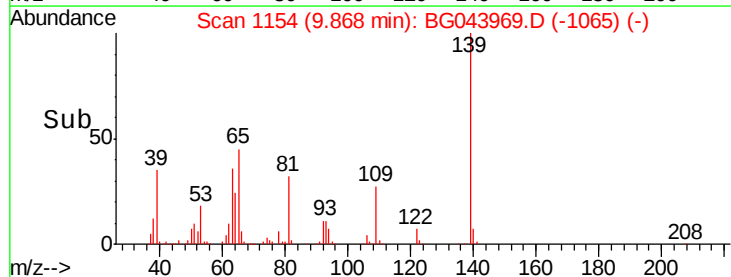
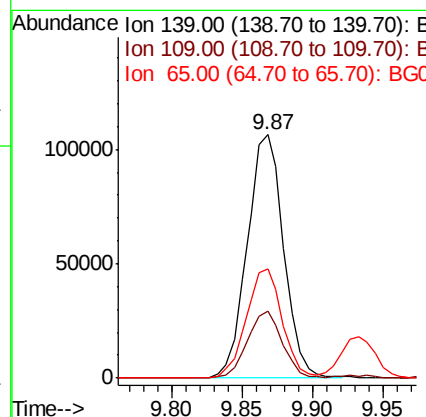
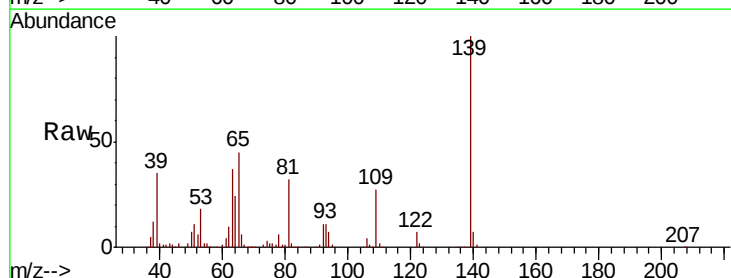
RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	139	Resp:	192346
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.3	31.9
65	44.8	38.6	57.8





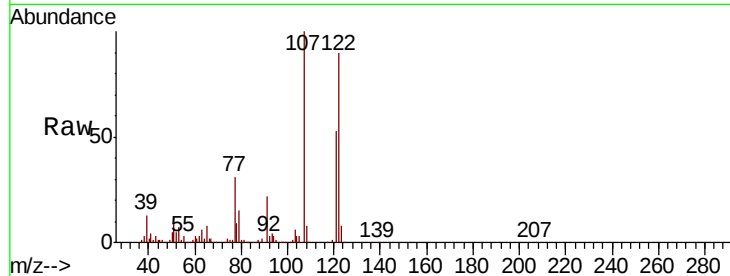
#27
 2,4-Dimethylphenol
 Concen: 49.848 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	111.6	88.0	132.0	
121	59.1	49.0	73.4	

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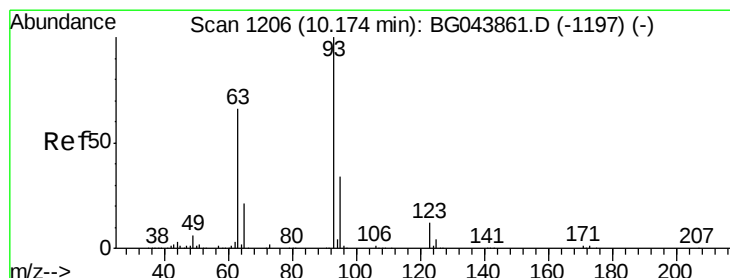
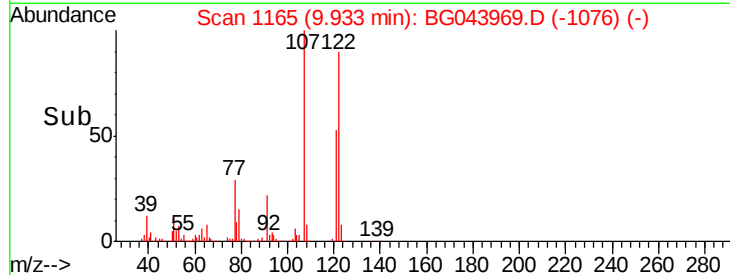
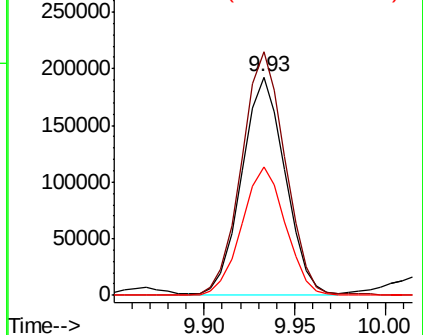


Abundance

Ion 122.00 (121.70 to 122.70): E

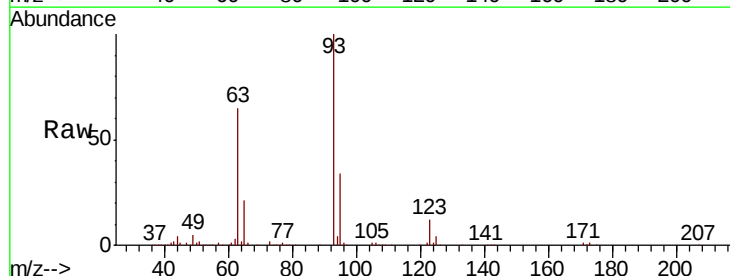
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.848 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.1	27.2	40.8	
123	11.8	9.7	14.5	

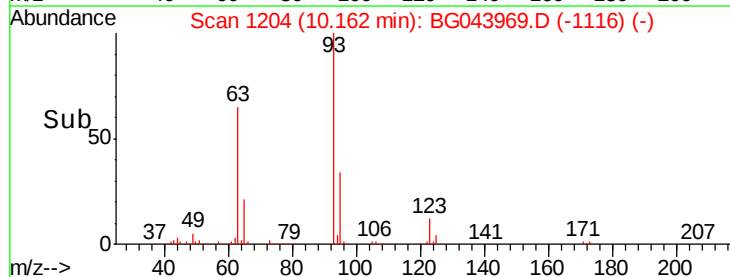
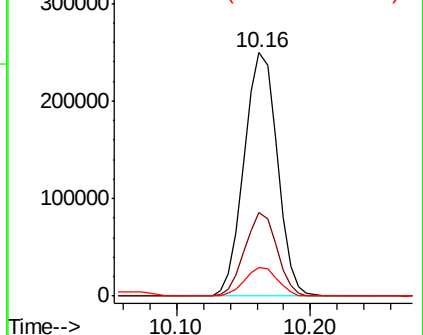


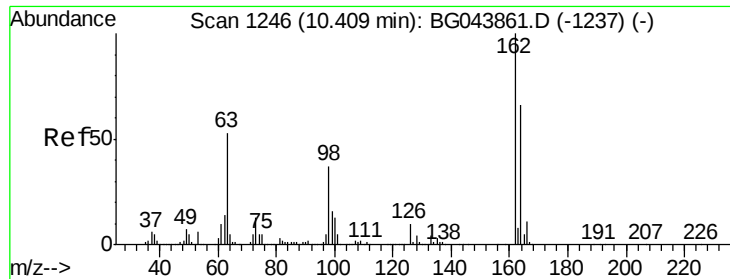
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





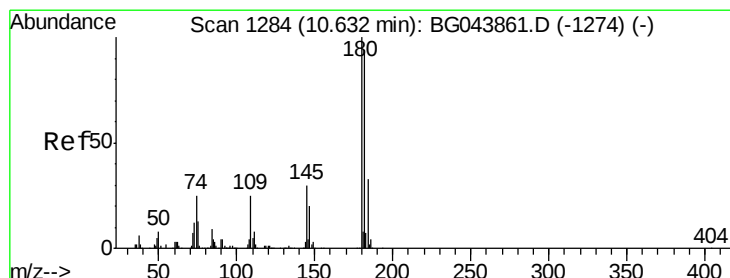
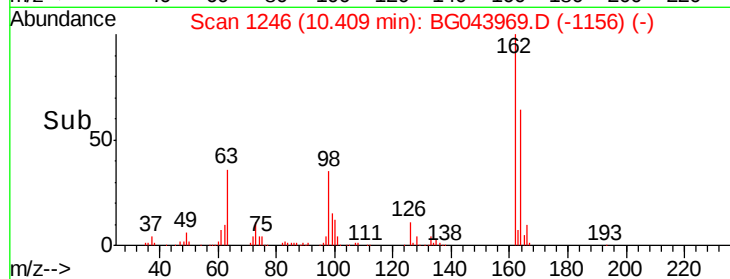
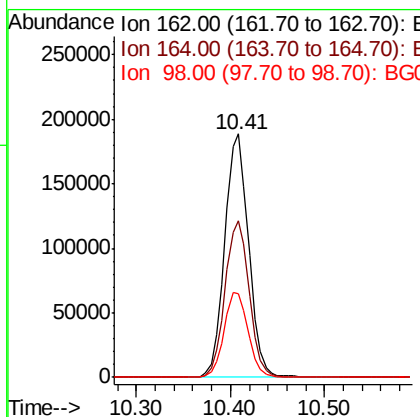
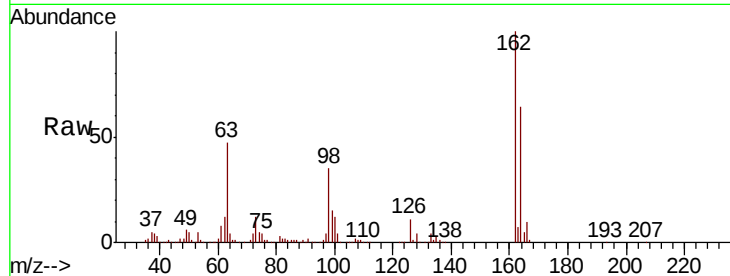
#29
 2,4-Dichlorophenol
 Concen: 43.716 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampleID :
 PB125943BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.3	86.3
98	34.6	17.3	57.3

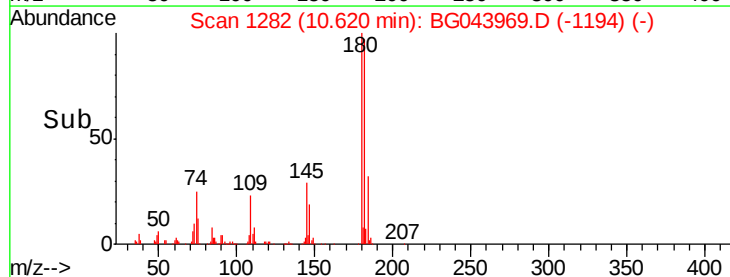
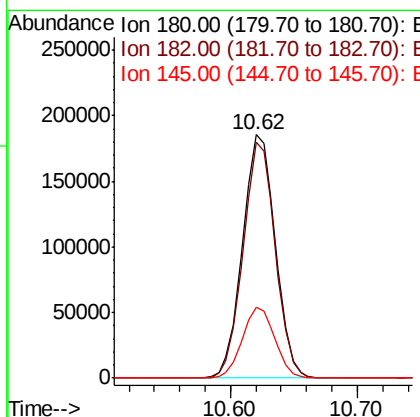
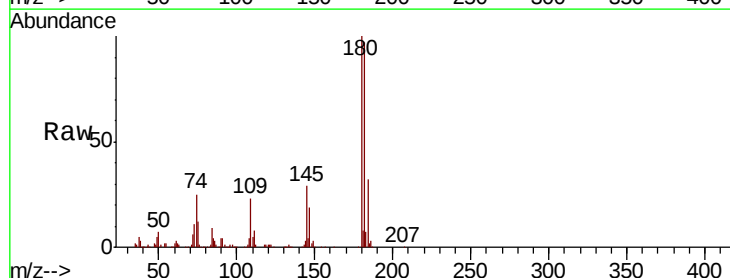
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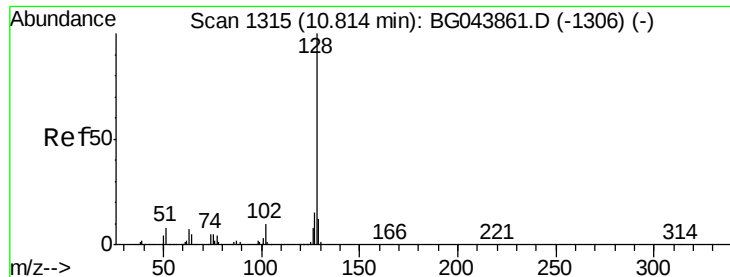
mohammad
 1/9/2020 12:10:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.976 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.0	112.4
145	29.3	24.2	36.4





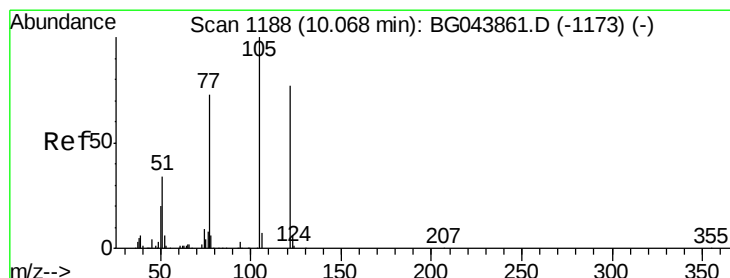
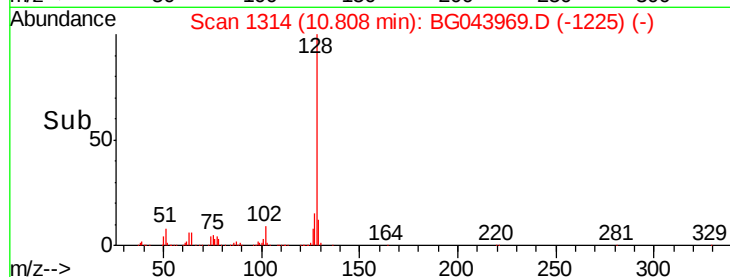
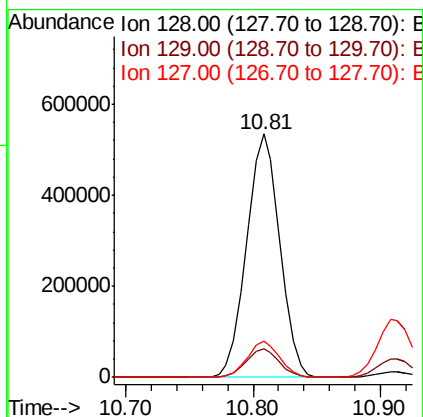
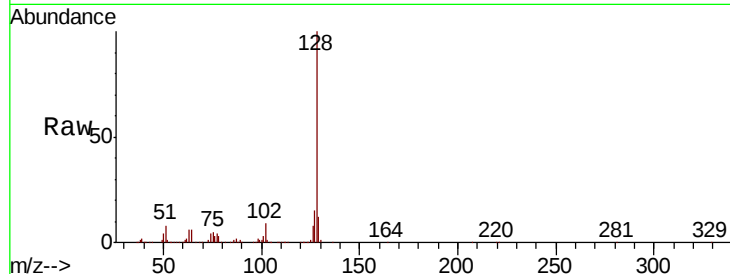
#31
Naphthalene
Concen: 41.405 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.0	9.8	14.6	
127	14.8	12.0	18.0	

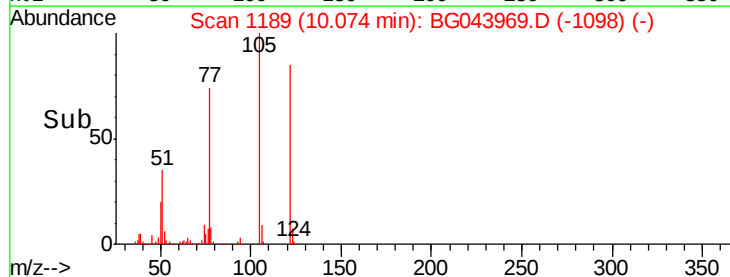
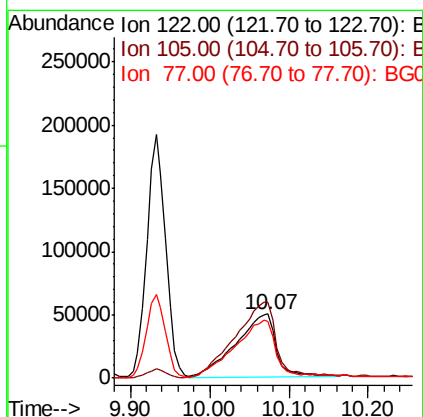
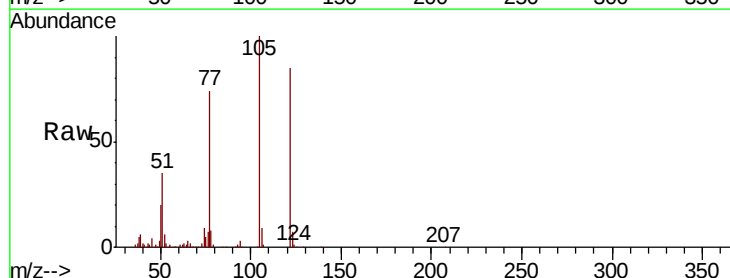
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#32
Benzoic acid
Concen: 35.217 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.7	106.4	146.4	
77	87.7	74.6	114.6	





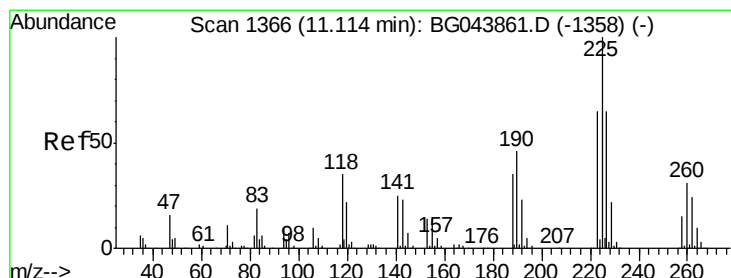
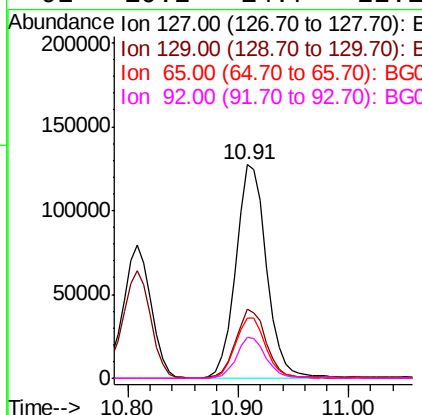
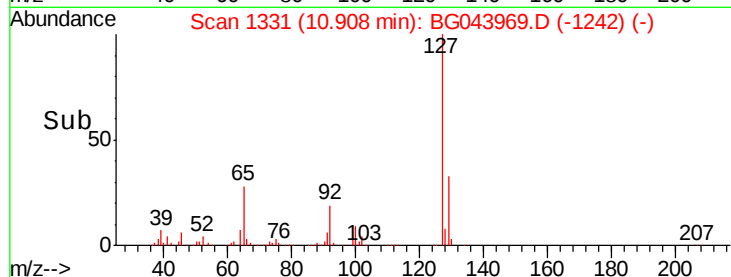
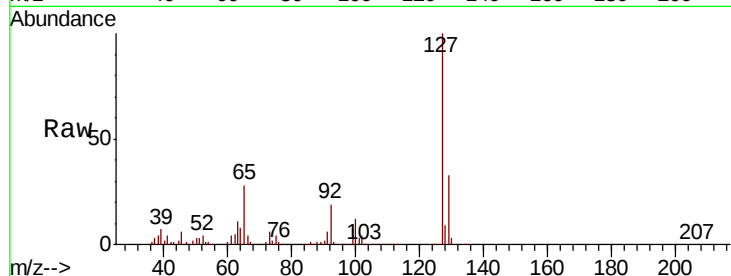
#33
4-Chloroaniline
Concen: 22.211 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	28.2	23.3	34.9
92	19.2	14.7	22.1

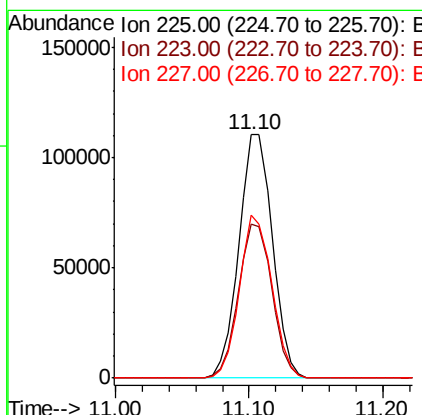
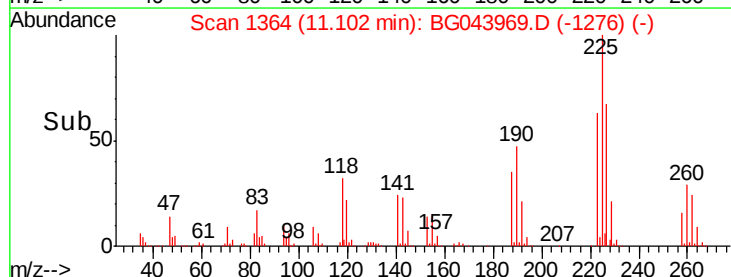
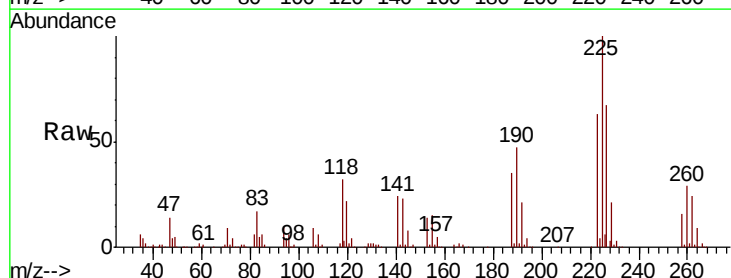
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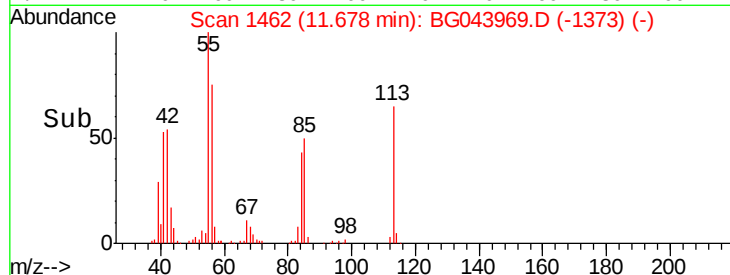
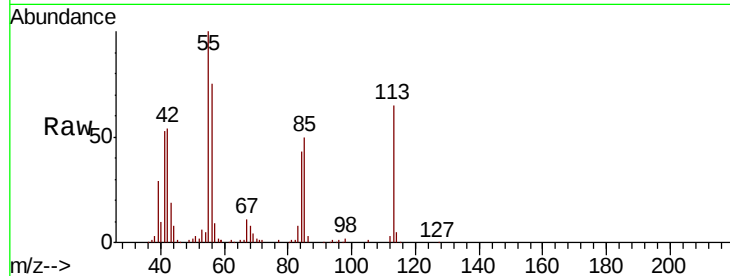
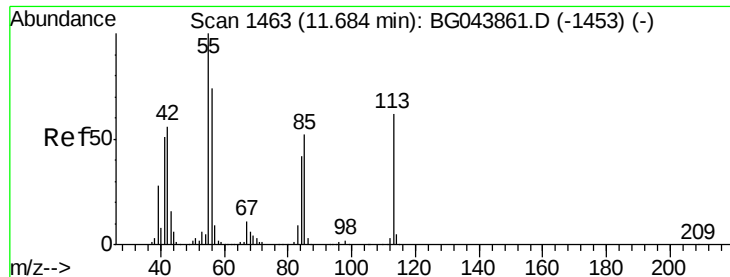
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#34
Hexachlorobutadiene
Concen: 36.786 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.2	78.4
227	66.7	52.1	78.1





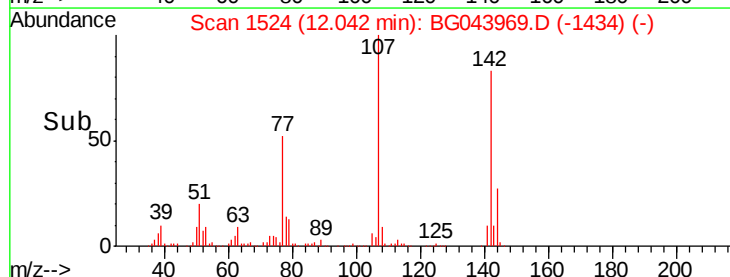
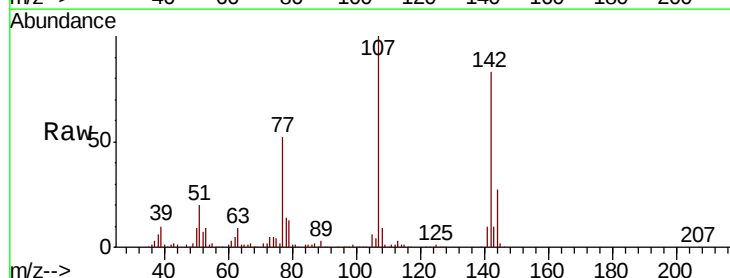
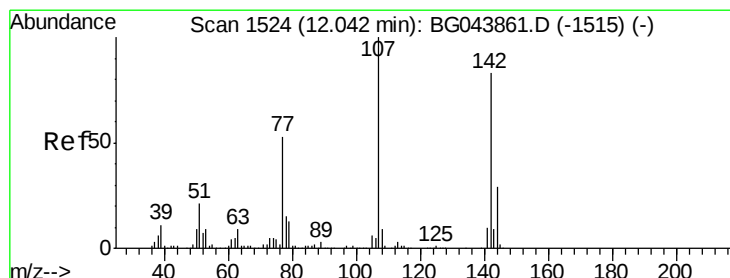
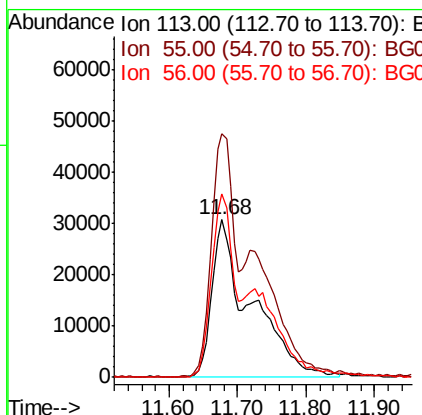
#35
Caprolactam
Concen: 42.704 ng/ml
RT: 11.68 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.8	142.5	182.5
56	116.7	101.4	141.4

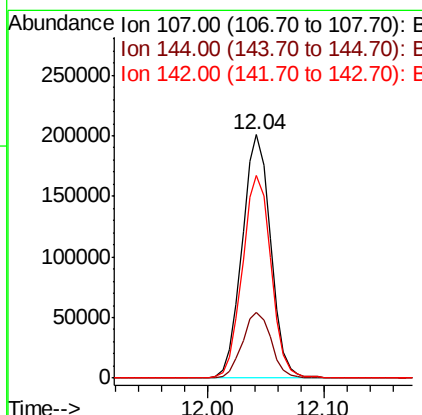
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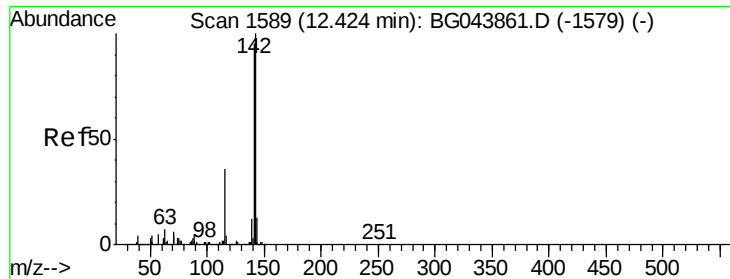
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.594 ng/ml
RT: 12.04 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	23.4	35.2
142	83.1	66.3	99.5





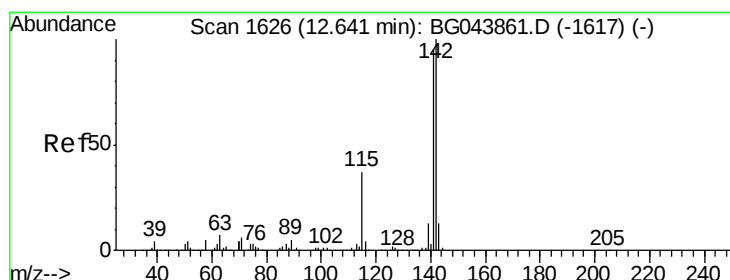
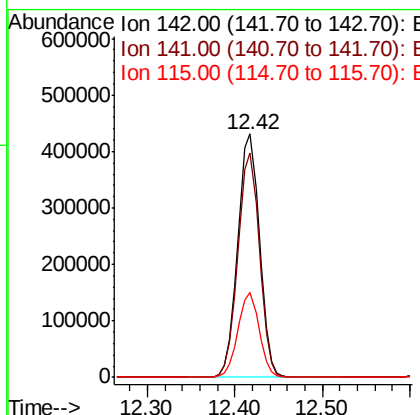
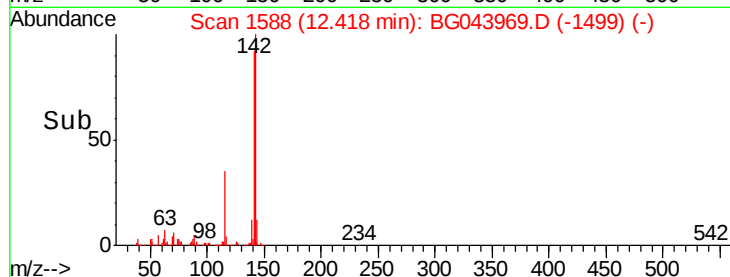
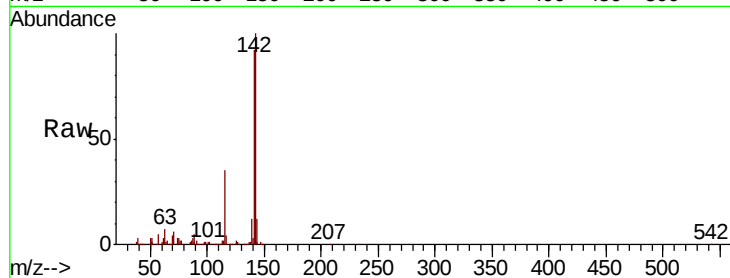
#37
2-Methylnaphthalene
Concen: 40.646 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.8	113.8
115	34.8	28.6	42.8

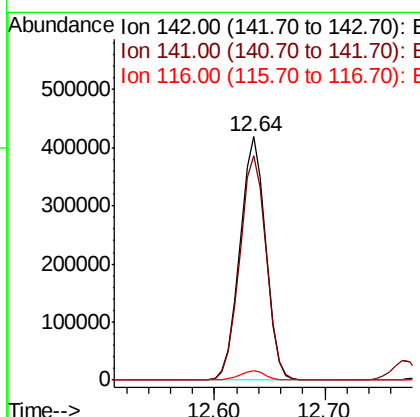
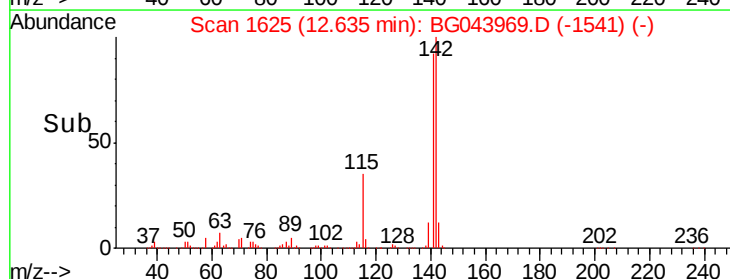
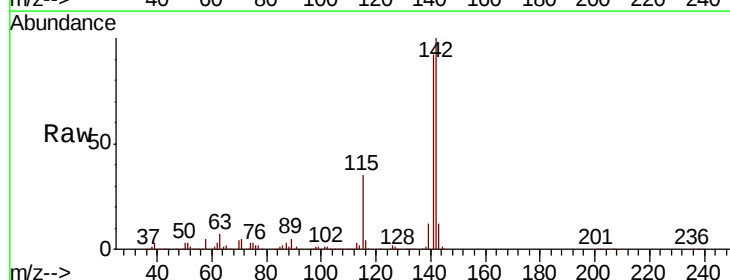
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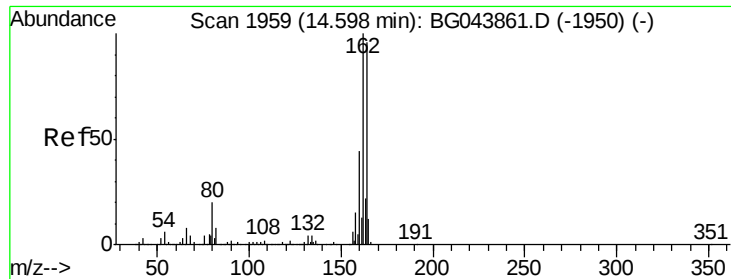
mohammad
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#38
1-Methylnaphthalene
Concen: 41.138 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	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. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

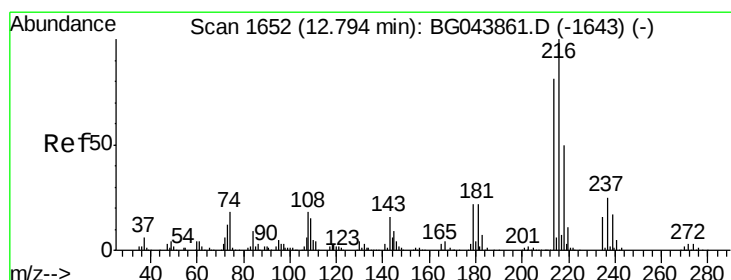
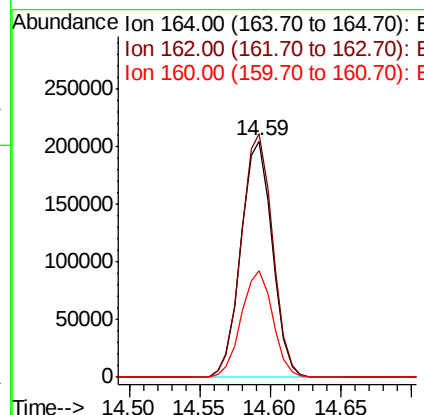
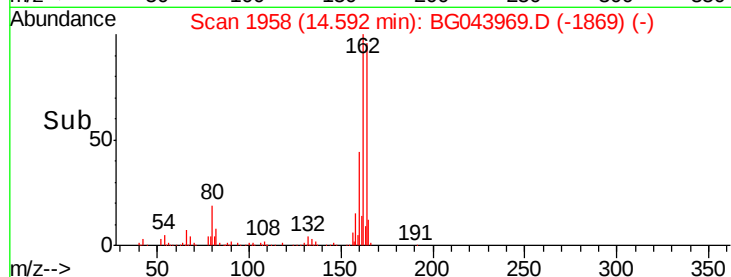
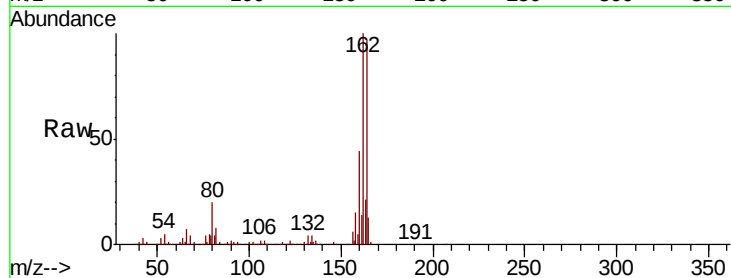
ClientSampleId :

PB125943BS

Tot Ion:	164	Resp:	317219
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.0	124.4
160	44.9	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.784 ng

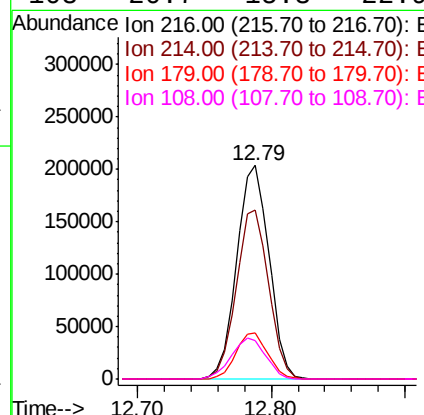
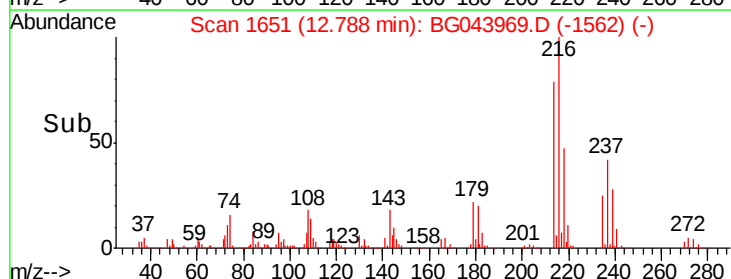
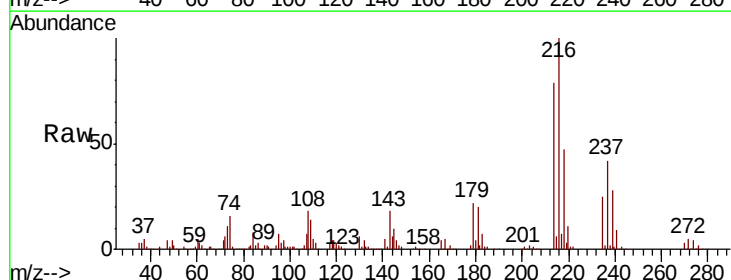
RT: 12.79 min Scan# 1651

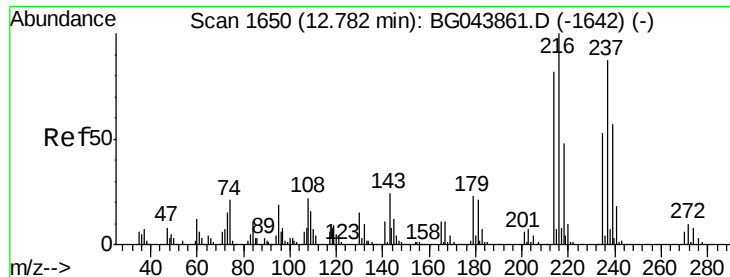
Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	216	Resp:	342005
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.8	95.8
179	21.4	17.3	25.9
108	20.7	15.3	22.9





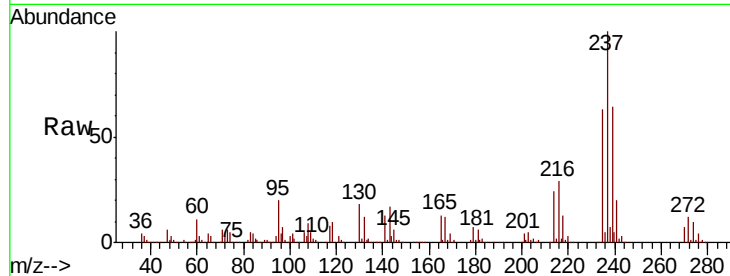
#41
Hexachlorocyclopentadiene
Concen: 85.199 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

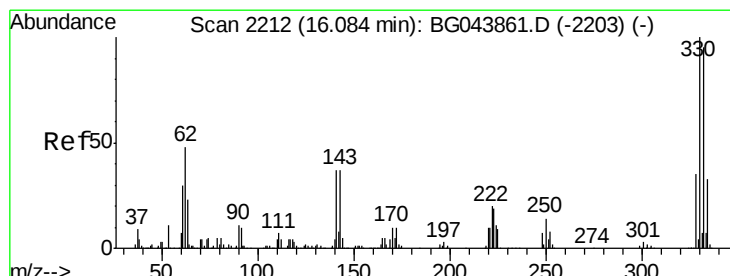
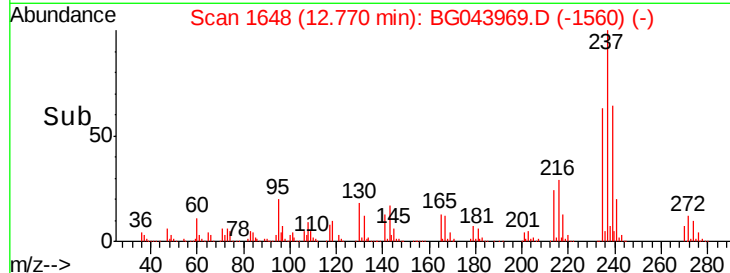
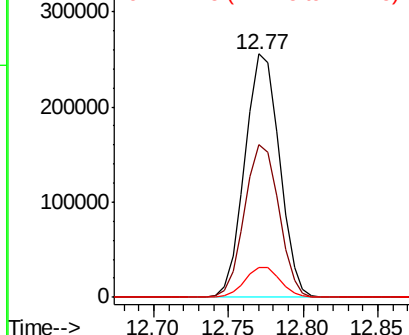
Tot Ion	Ratio	Resp	Lower	Upper
237	100	410683		
235	62.6	41.1	81.1	
272	12.1	0.0	31.7	

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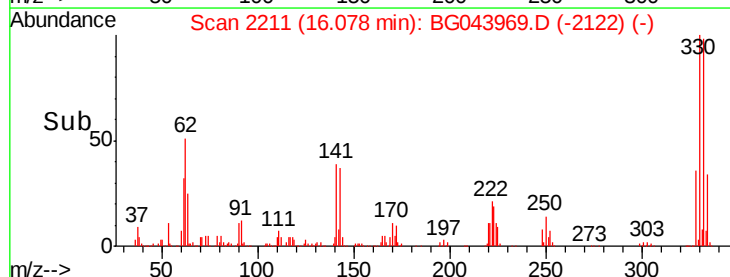
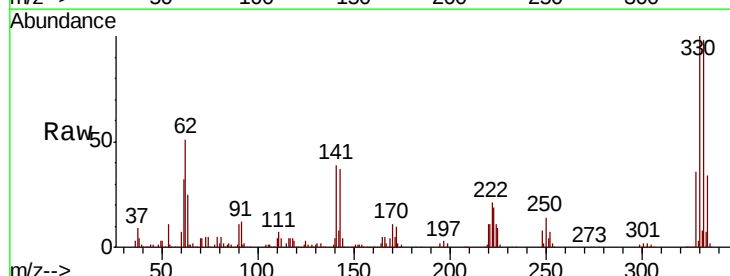
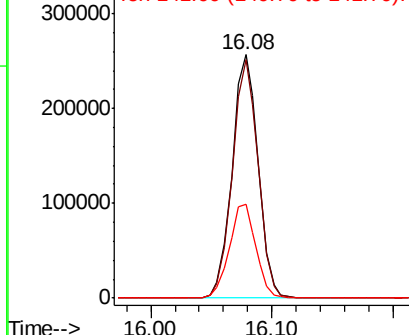
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 116.049 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	385240		
332	96.8	77.2	115.8	
141	39.5	33.1	49.7	

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





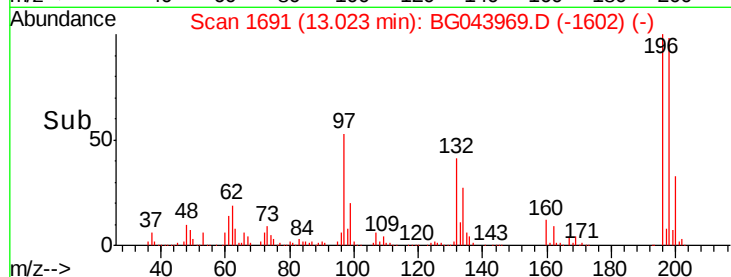
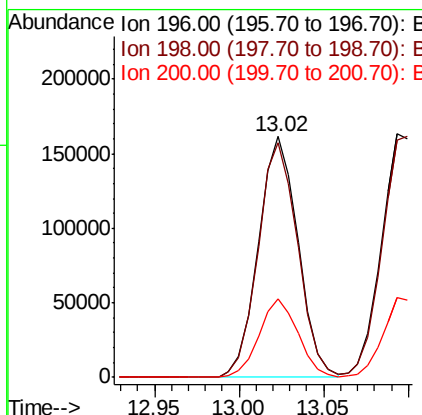
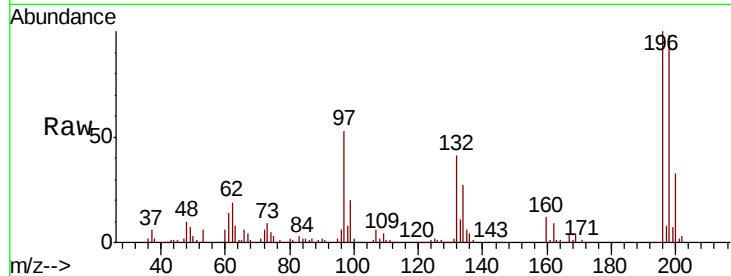
#43
 2,4,6-Trichlorophenol
 Concen: 40.990 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampleID :
 PB125943BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
200	32.8	24.6	37.0

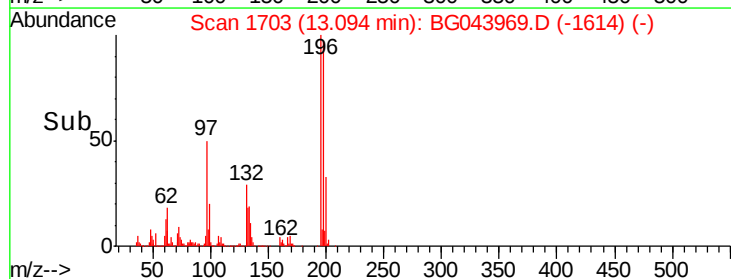
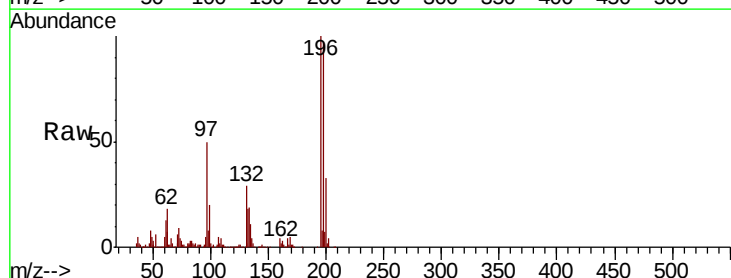
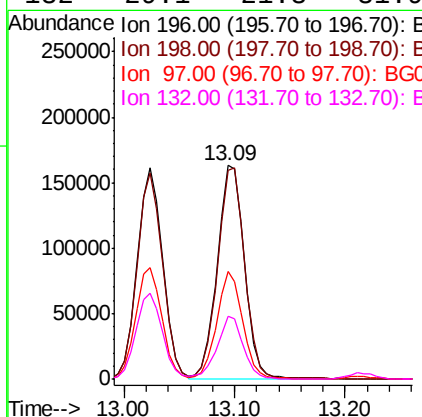
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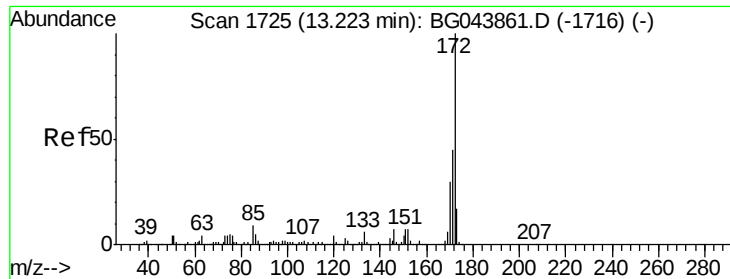
mohammad
 1/9/2020 12:10:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.295 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	78.3	117.5
97	50.2	38.8	58.2
132	29.1	21.3	31.9





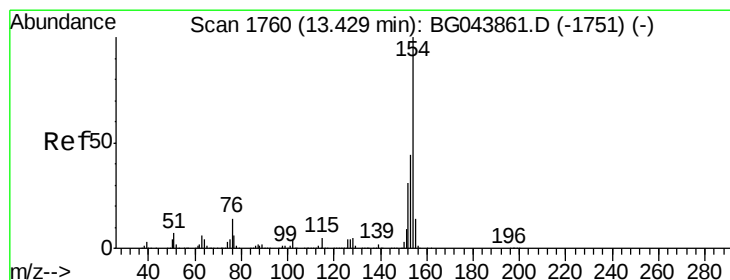
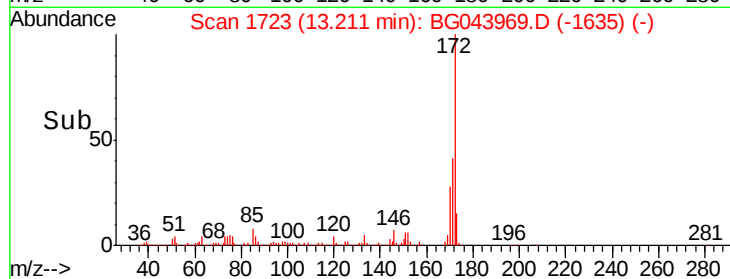
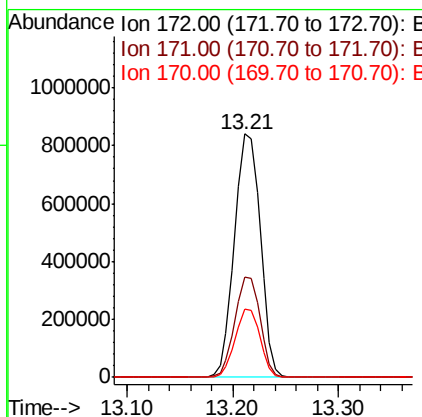
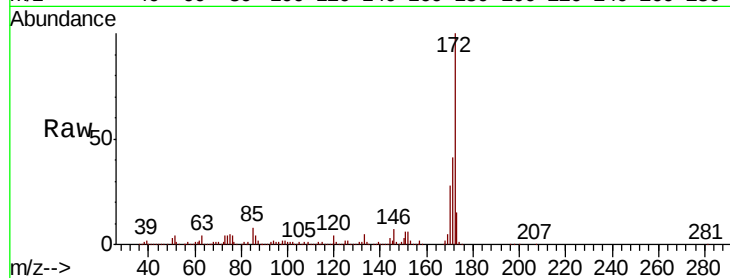
#45
2-Fluorobiphenyl
Concen: 81.361 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.3	35.8	53.8
170	28.0	24.2	36.4

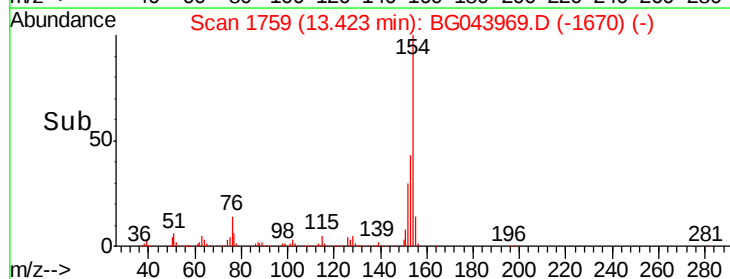
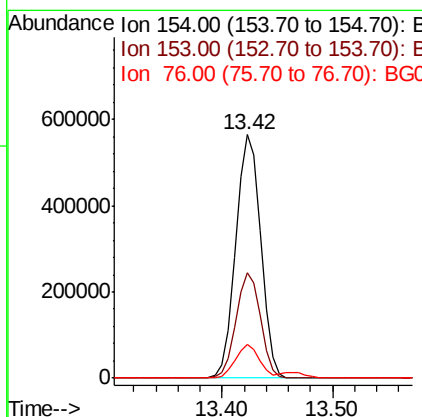
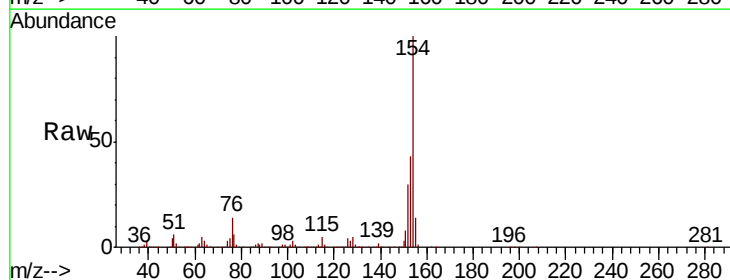
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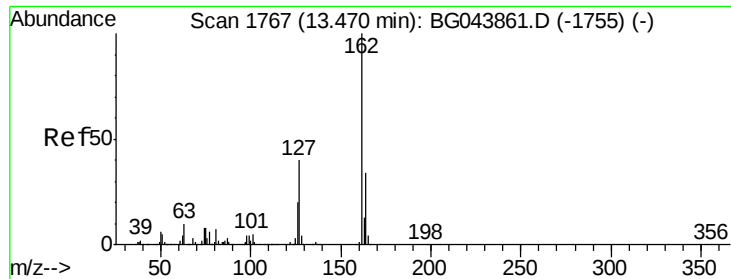
mohammad
1/9/2020 12:10:04 PM



#46
1,1'-Biphenyl
Concen: 39.510 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.6	63.6
76	14.0	0.0	34.4





#47

2-Chloronaphthalene

Concen: 38.188 ng

RT: 13.46 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

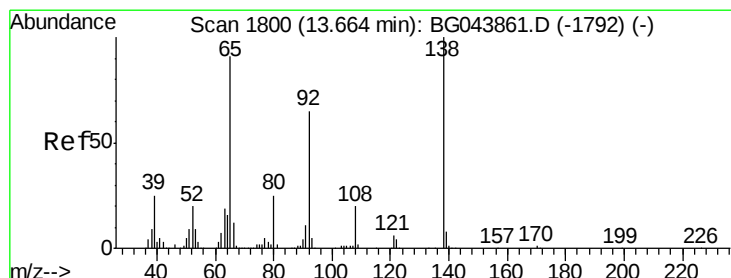
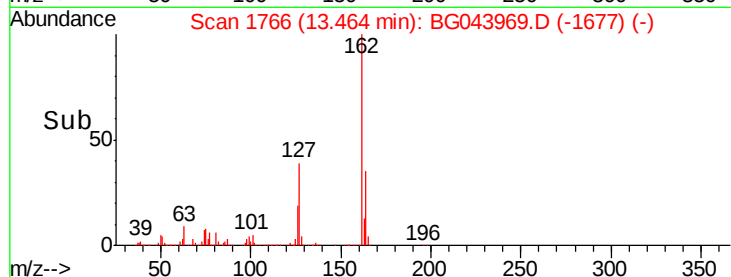
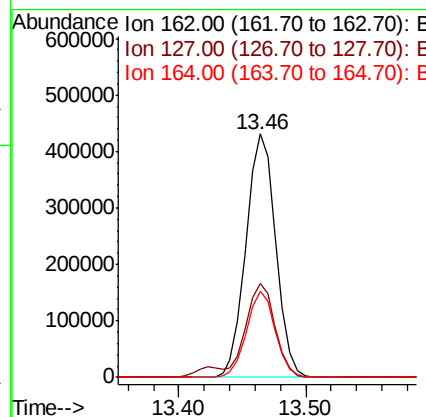
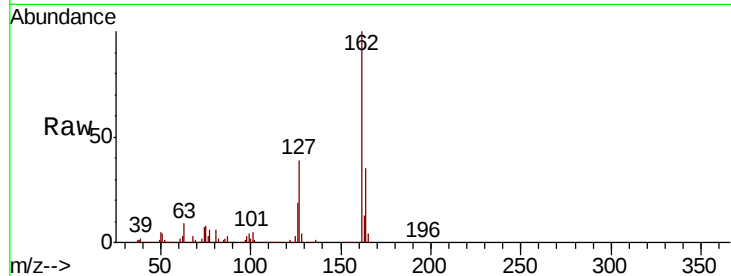
ClientSampled :

PB125943BS

Tot Ion:	162	Resp:	701839
Ion Ratio	Lower	Upper	
162	100		
127	38.8	32.1	48.1
164	35.2	27.5	41.3

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#48

2-Nitroaniline

Concen: 36.587 ng

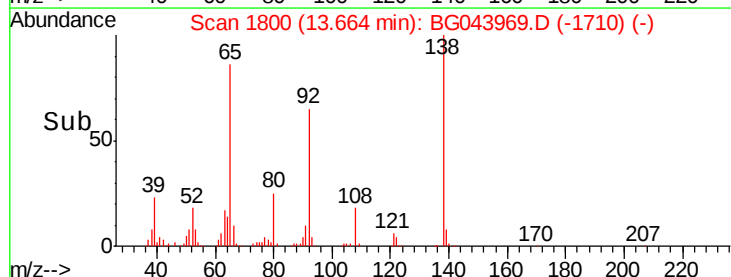
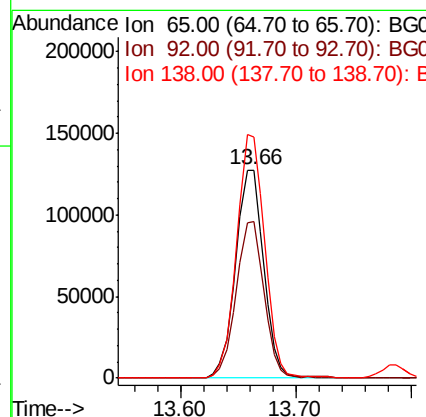
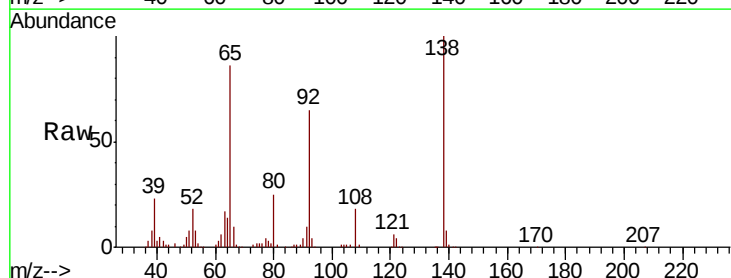
RT: 13.66 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	65	Resp:	216297
Ion Ratio	Lower	Upper	
65	100		
92	75.5	57.4	86.2
138	116.1	88.2	132.4





#49

Acenaphthylene

Concen: 41.967 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

Tot Ion:152 Resp: 1108590

Ion Ratio Lower Upper

152 100

151 23.0 19.4 29.2

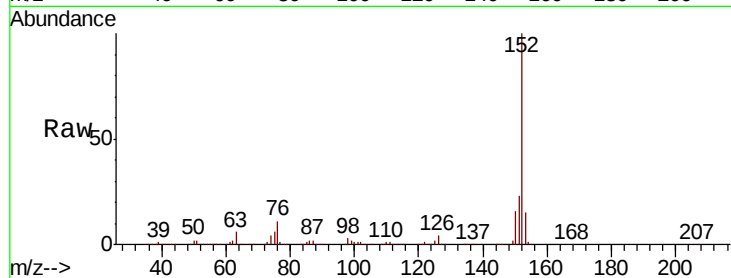
153 14.8 12.0 18.0

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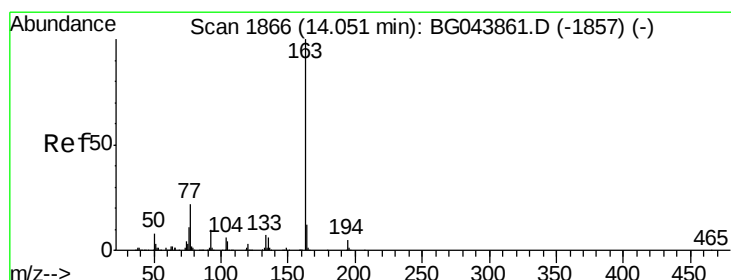
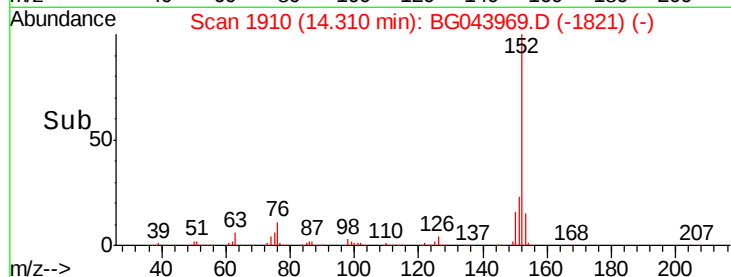
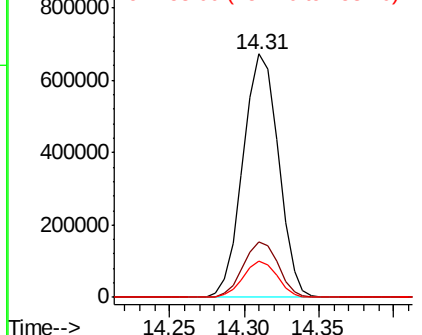


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.842 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

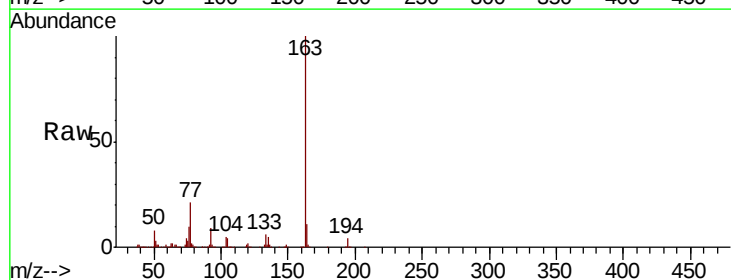
Tgt Ion:163 Resp: 897395

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

164 11.1 9.3 13.9

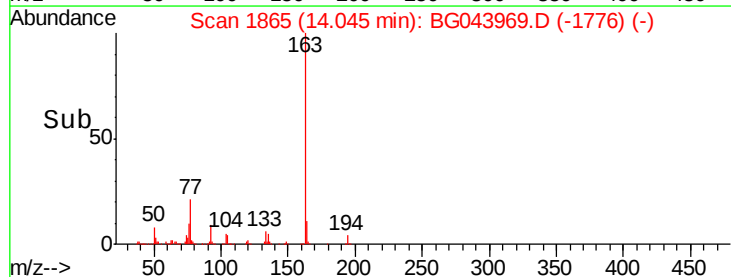
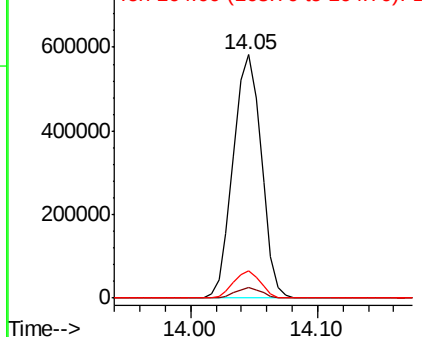


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





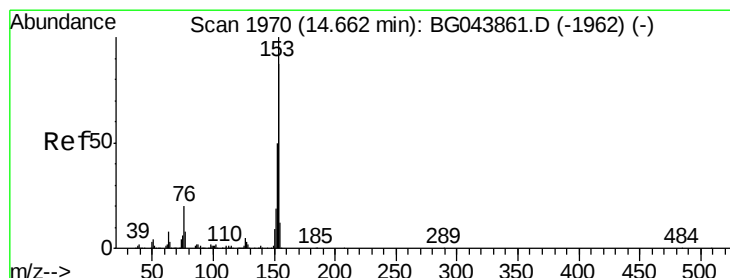
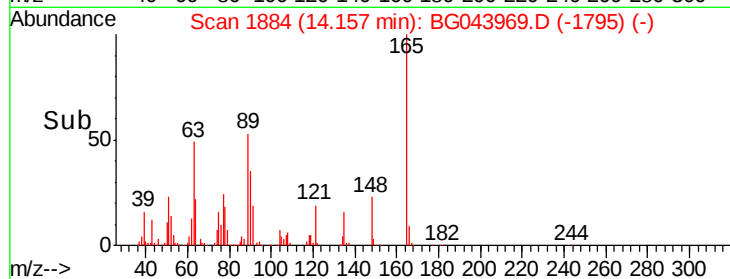
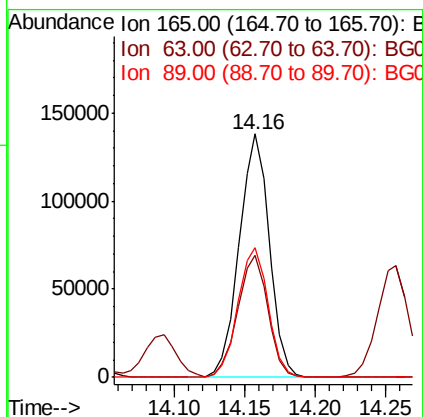
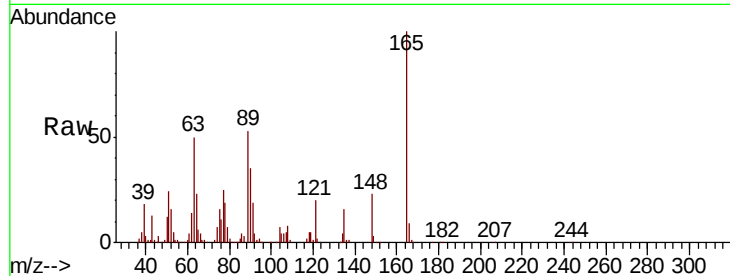
#51
2,6-Dinitrotoluene
Concen: 40.365 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	205497		
63	50.0		43.1	64.7
89	53.4		43.8	65.6

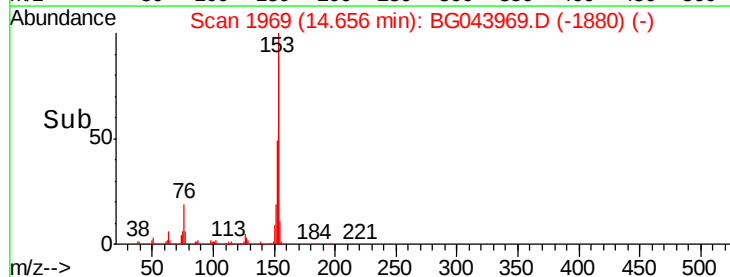
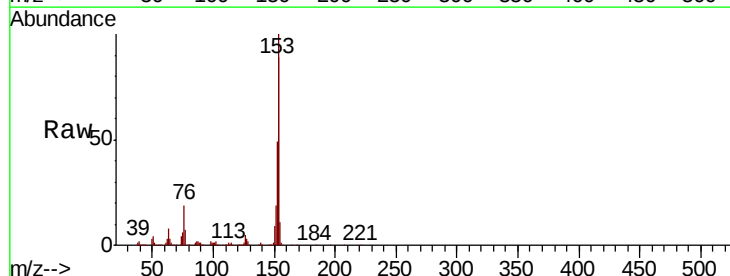
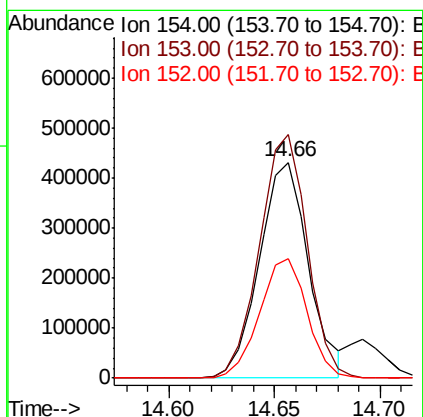
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#52
Acenaphthene
Concen: 37.621 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	696931		
153	113.0		91.6	137.4
152	55.6		45.4	68.0





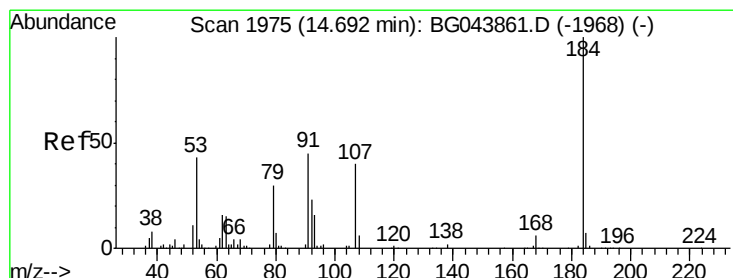
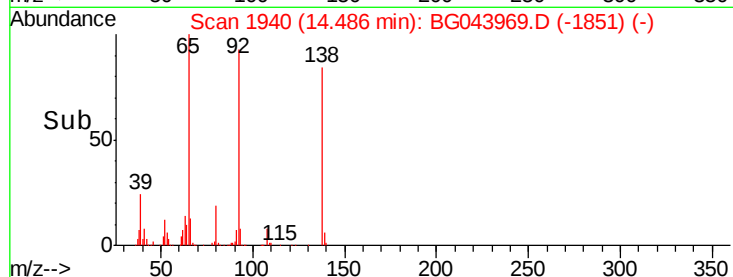
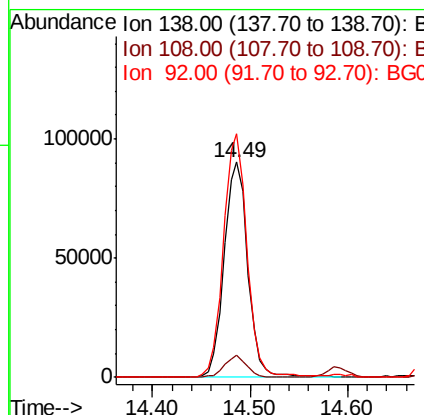
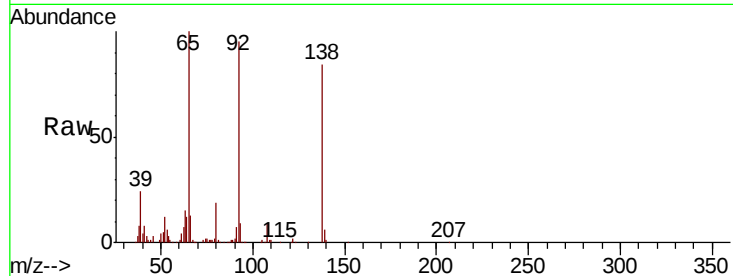
#53
3-Nitroaniline
Concen: 26.313 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	113.1	92.1	138.1

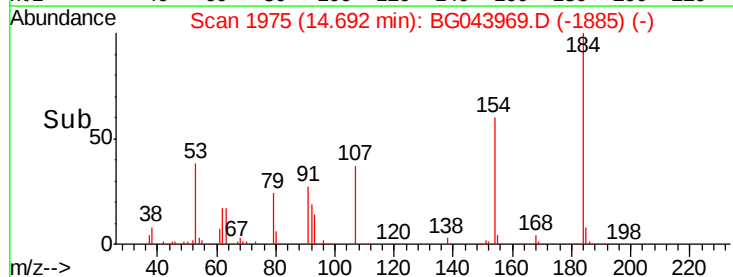
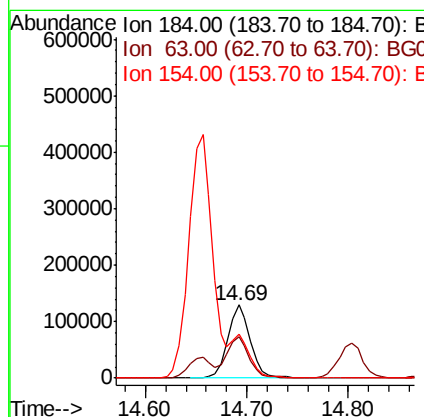
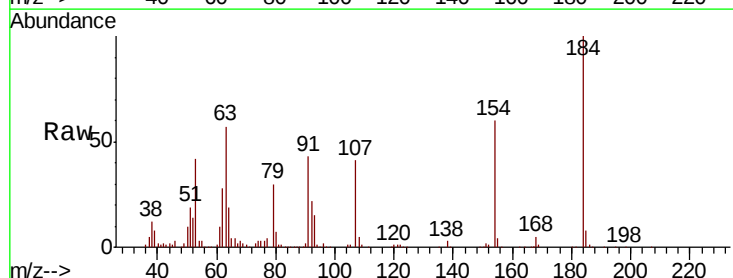
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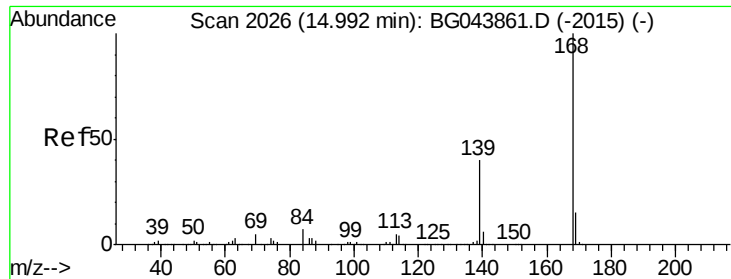
mohammad
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#54
2,4-Dinitrophenol
Concen: 77.470 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	46.6	70.0
154	59.5	50.2	75.4





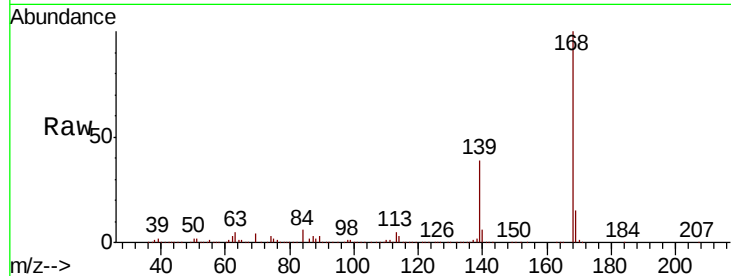
#55
Dibenzenofuran
Concen: 41.238 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.2	48.2
169	15.1	12.2	18.2

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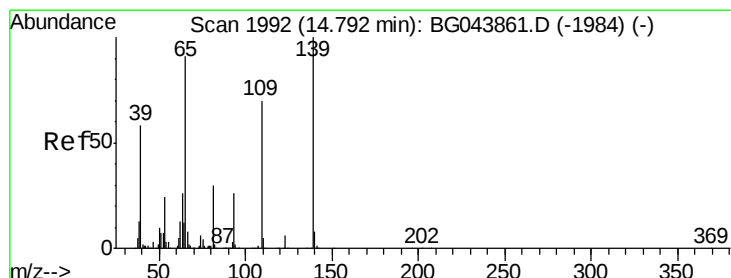
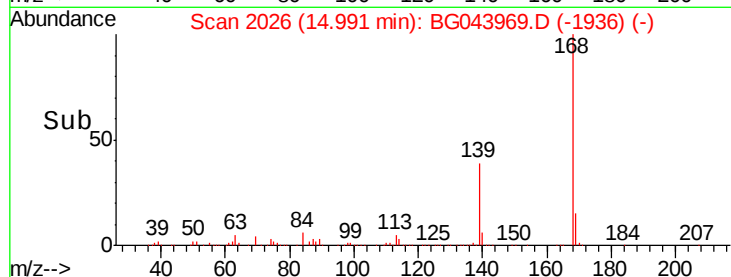
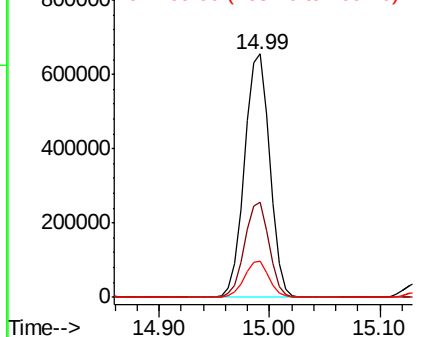


Abundance

Ion 168.00 (167.70 to 168.70): E

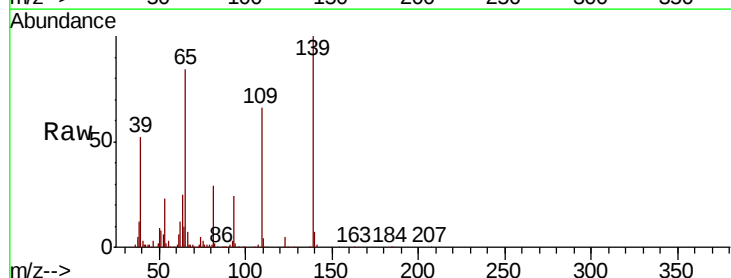
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.826 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	50.4	90.4
65	83.6	71.4	111.4

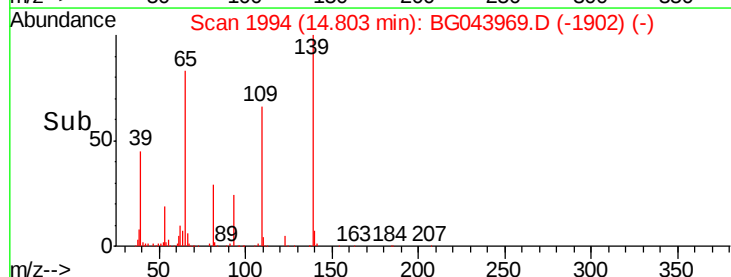
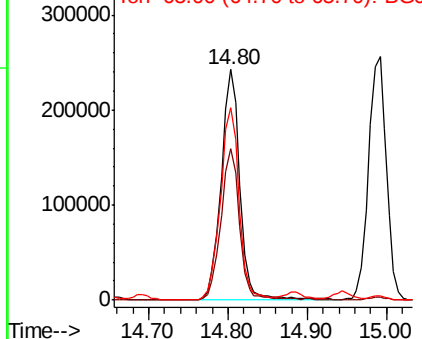


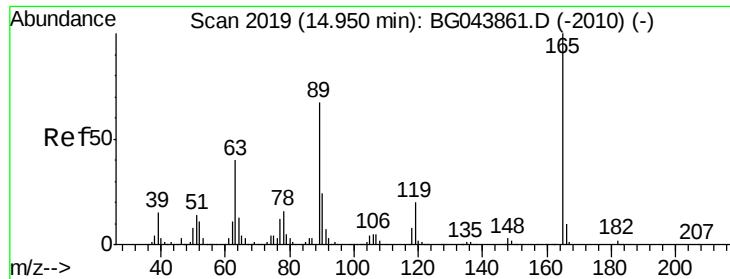
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





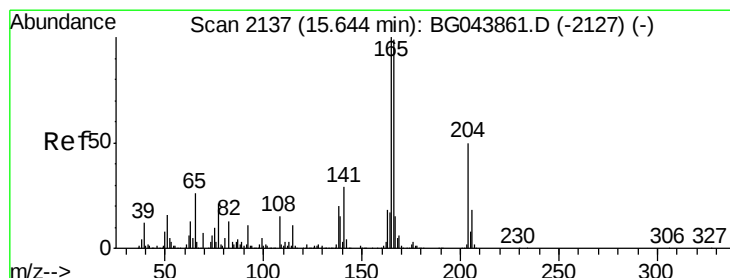
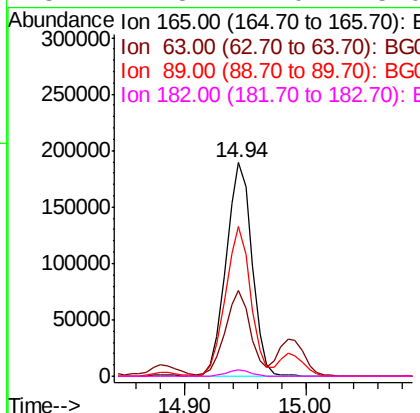
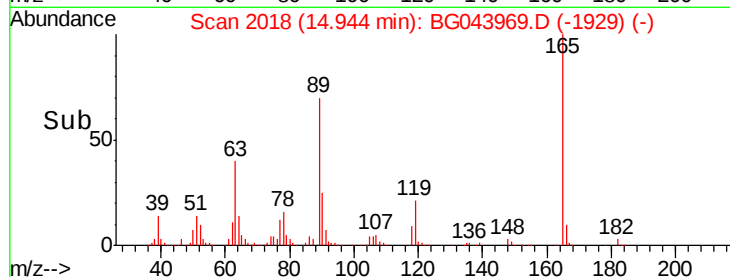
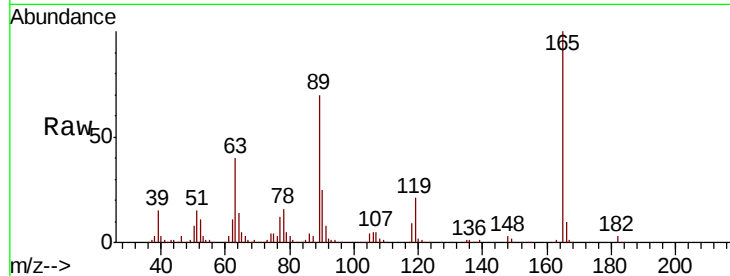
#57
2,4-Dinitrotoluene
Concen: 40.755 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	282320		
63	40.3		31.9	47.9
89	69.9		53.8	80.6
182	2.8		2.0	3.0

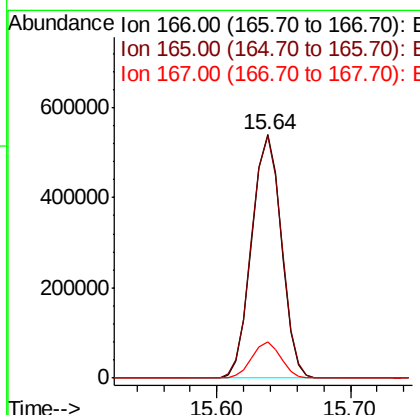
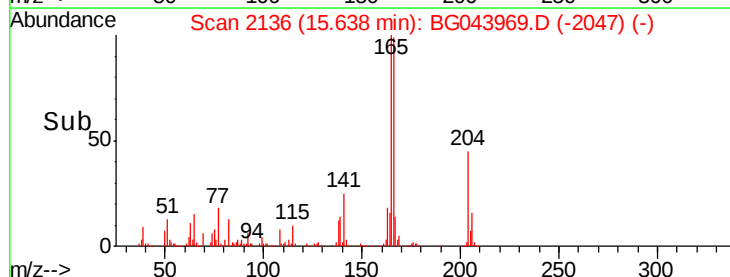
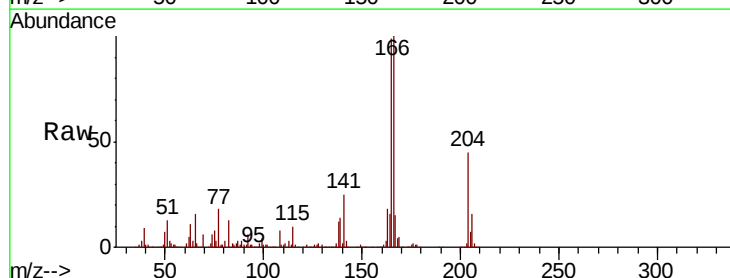
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#58
Fluorene
Concen: 40.832 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	825317		
165	99.4		80.8	121.2
167	14.6		12.1	18.1





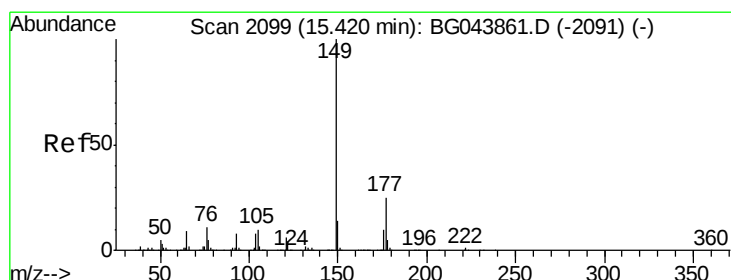
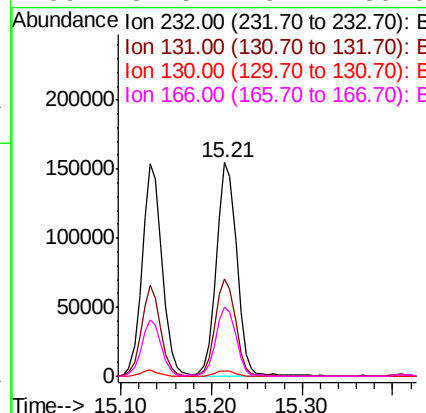
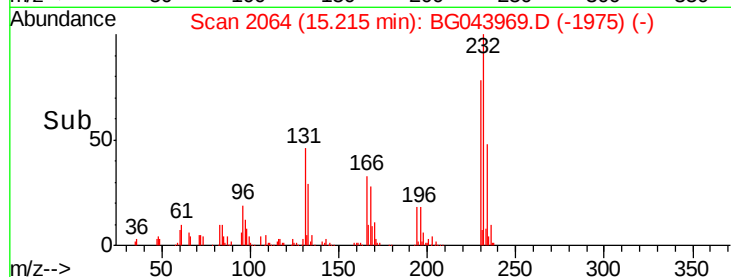
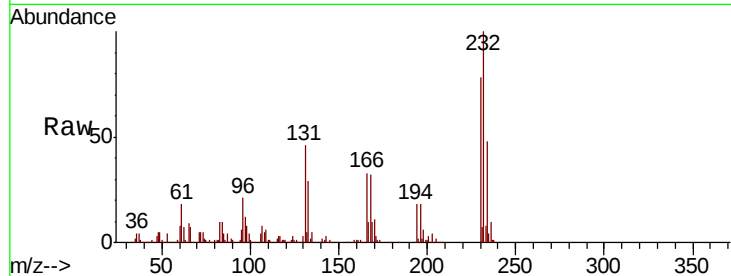
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.323 ng
RT: 15.21 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	240131		
131	45.7	38.2	57.2	
130	2.6	2.2	3.2	
166	32.5	26.4	39.6	

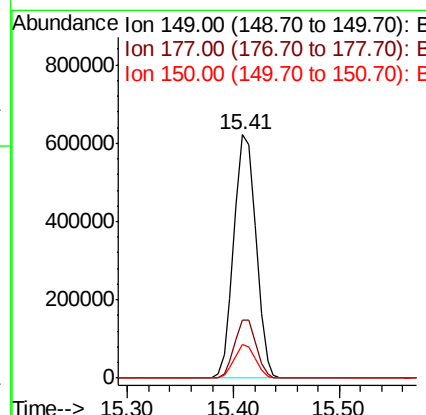
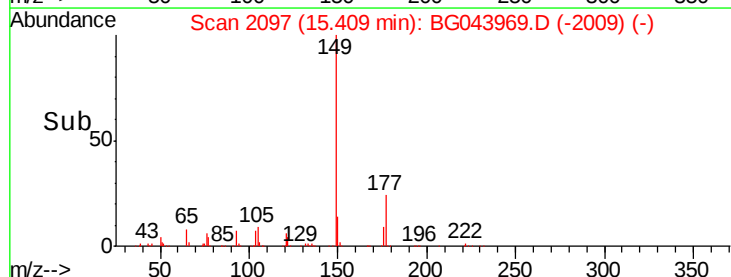
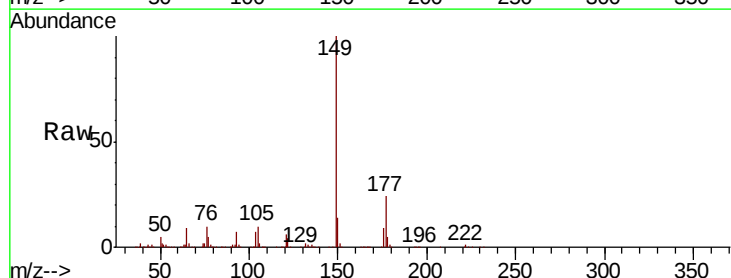
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#60
Diethylphthalate
Concen: 39.942 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	899827		
177	23.6	20.0	30.0	
150	13.8	11.1	16.7	





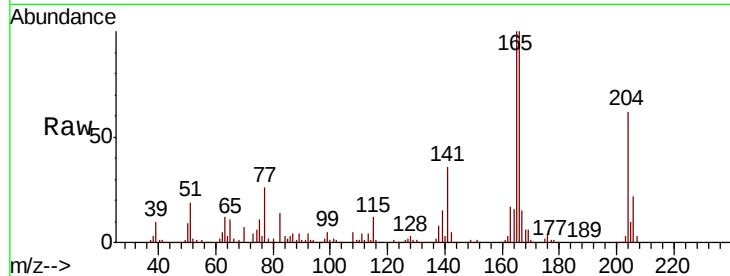
#61
4-Chlorophenyl-phenylether
Concen: 39.055 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	428651		
206	34.8	28.2	42.2	
141	57.6	48.2	72.2	

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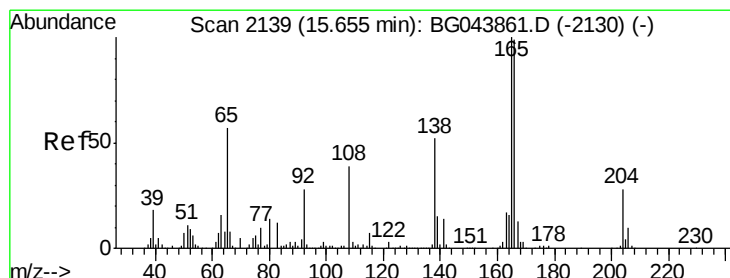
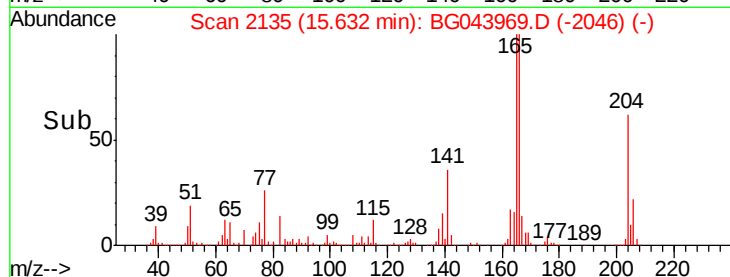
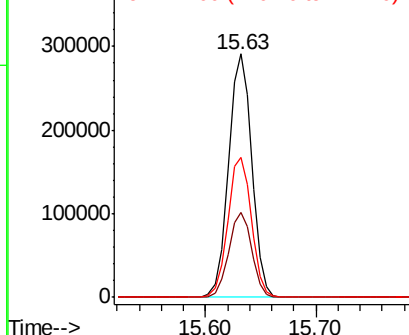


Abundance

Ion 204.00 (203.70 to 204.70): E

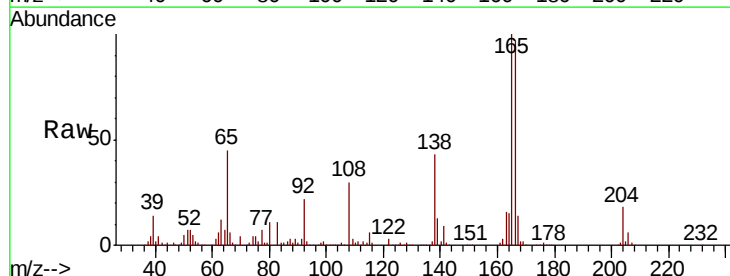
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.858 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	210421		
92	50.1	34.3	74.3	
108	69.3	55.0	95.0	

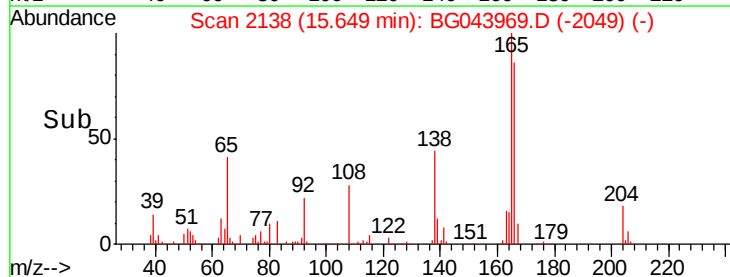
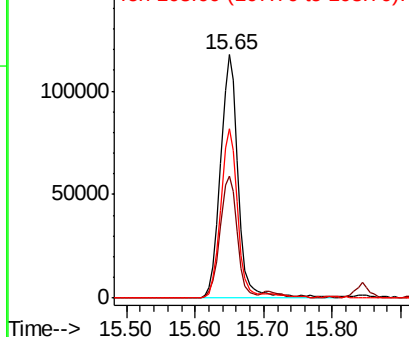


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.640 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

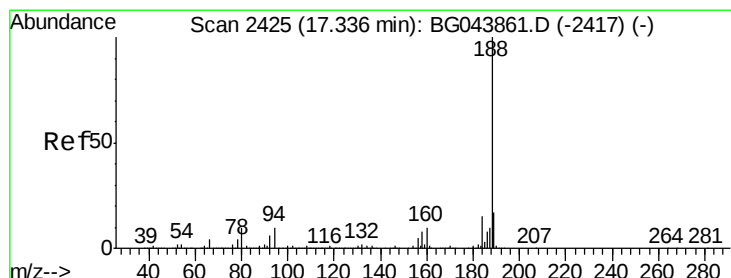
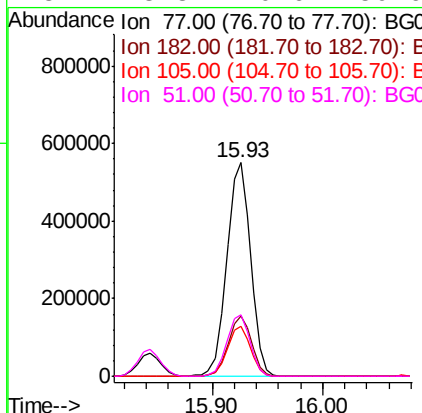
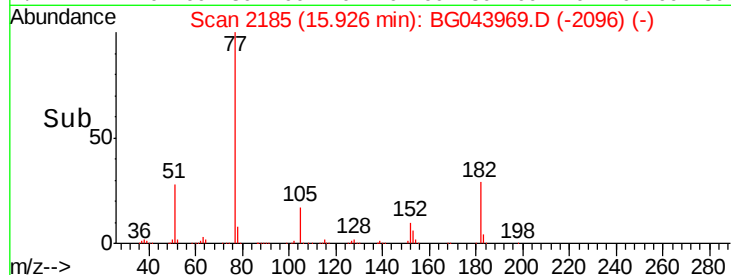
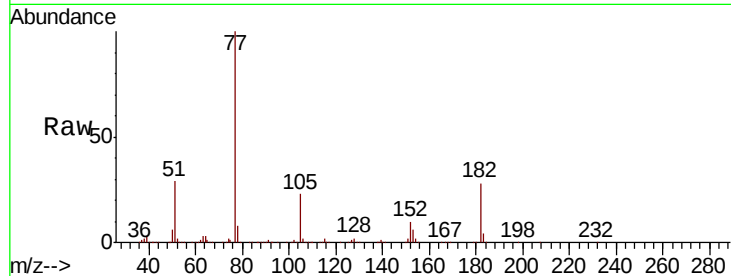
ClientSampleId :

PB125943BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	7.3	47.3	
105	23.3	3.2	43.2	
51	28.8	10.6	50.6	

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#64

Phenanthrene-d10

Concen: 20.000 ng

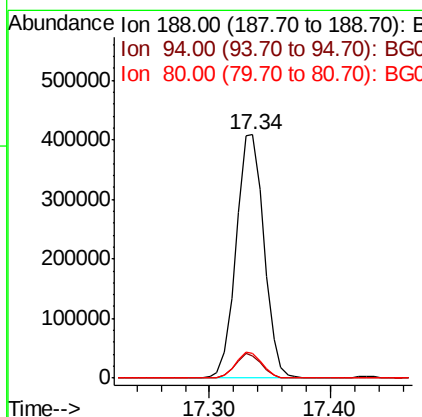
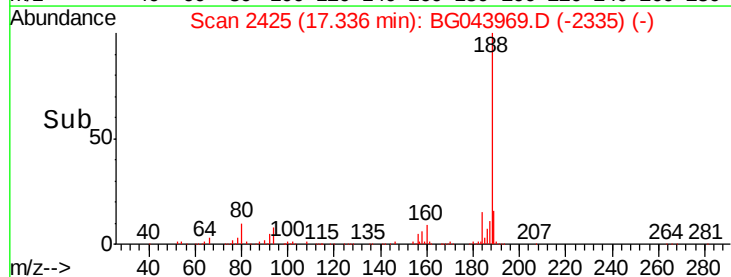
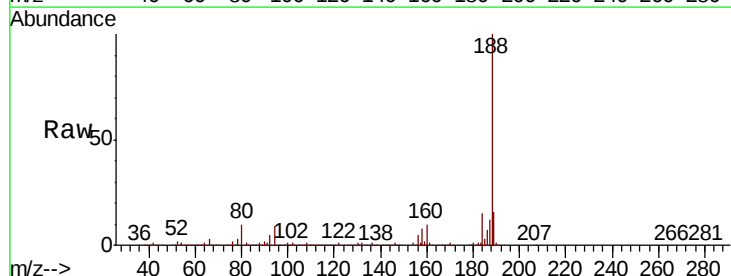
RT: 17.34 min Scan# 2425

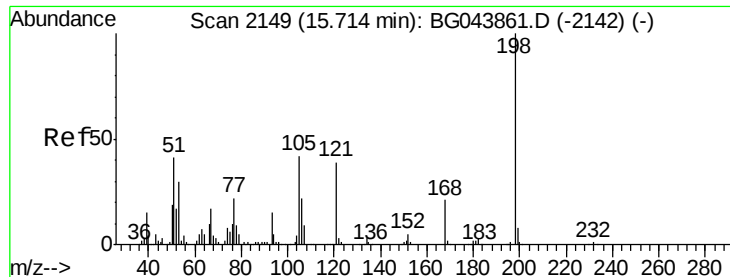
Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.9	11.9	
80	10.1	8.2	12.4	





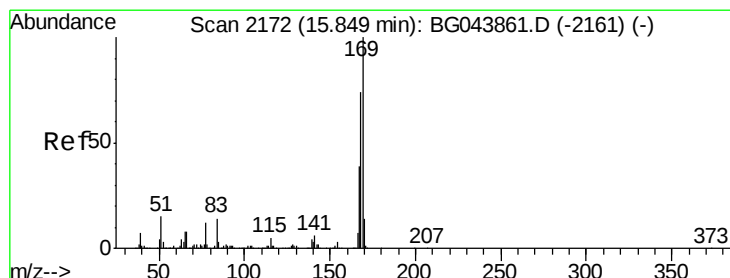
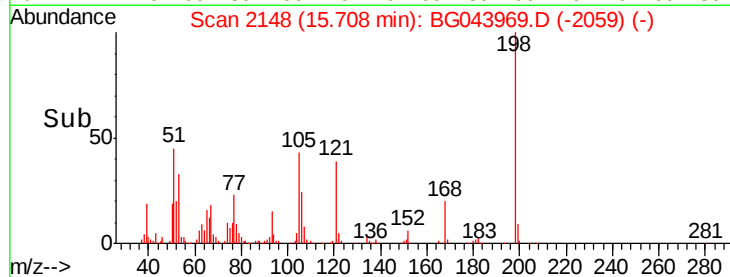
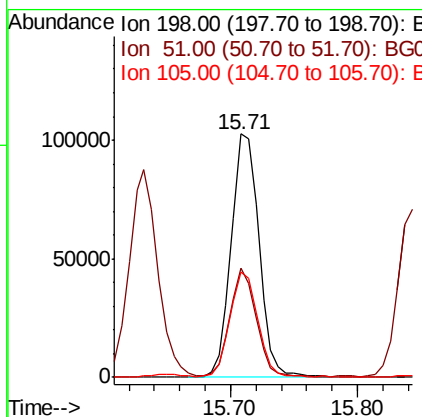
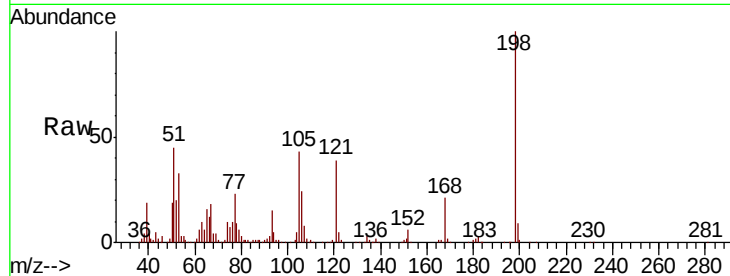
#65
4,6-Dinitro-2-methylphenol
Concen: 46.208 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	155804		
51	44.8	22.5	62.5	
105	43.1	22.3	62.3	

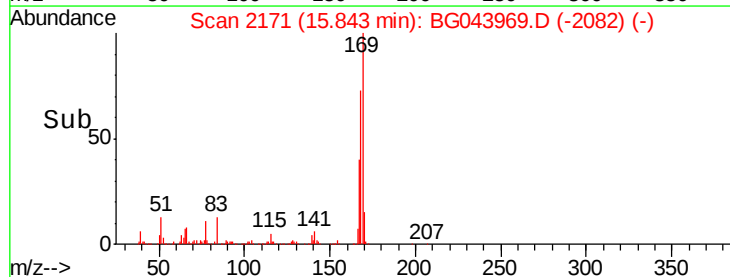
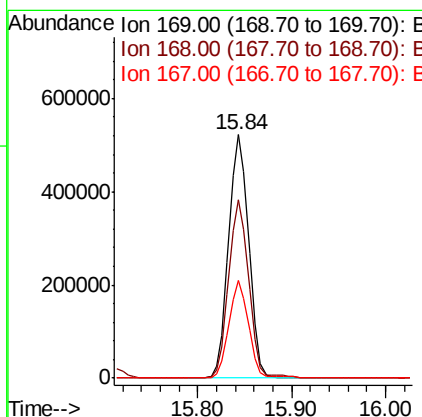
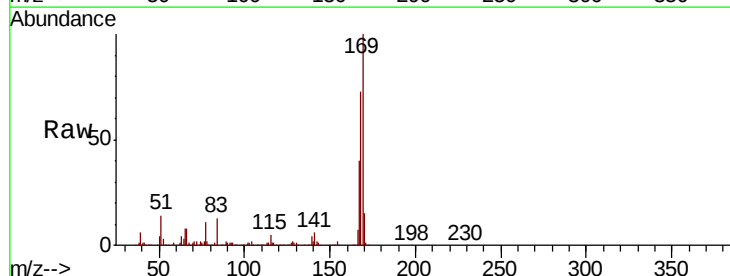
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#66
n-Nitrosodiphenylamine
Concen: 40.138 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	776571		
168	73.5	59.0	88.6	
167	39.9	31.4	47.0	





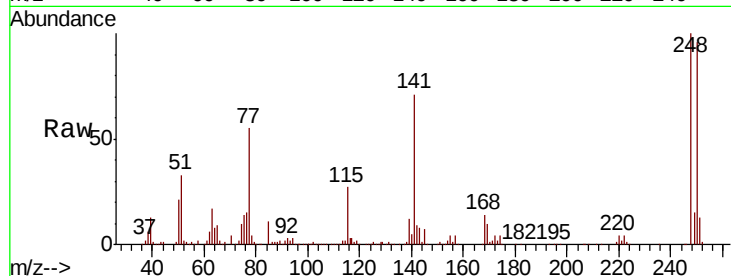
#67
 4-Bromophenyl-phenylether
 Concen: 37.003 ng
 RT: 16.52 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampled :
 PB125943BS

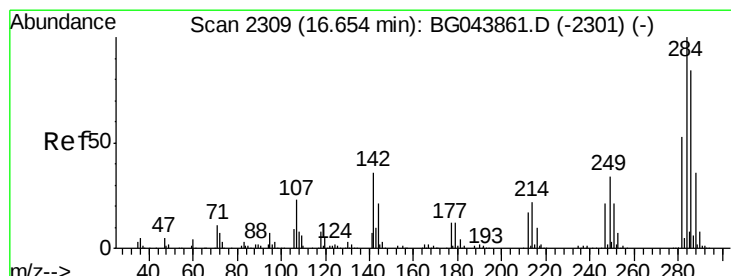
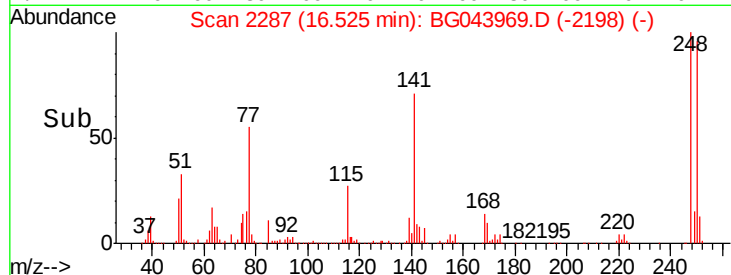
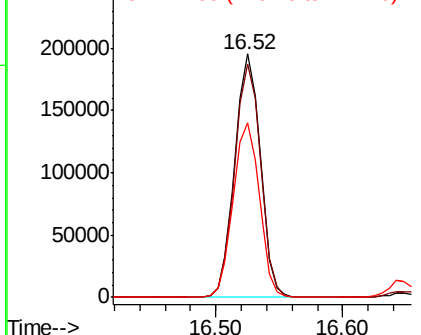
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.2	117.2
141	71.4	59.3	88.9

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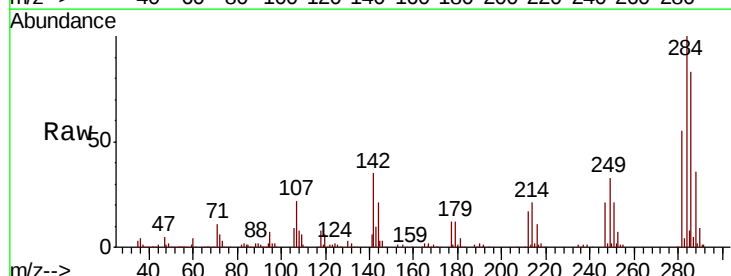


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

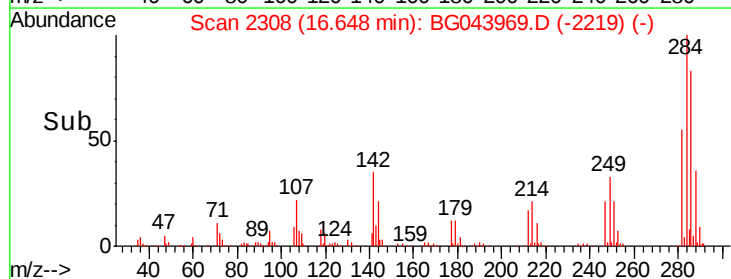
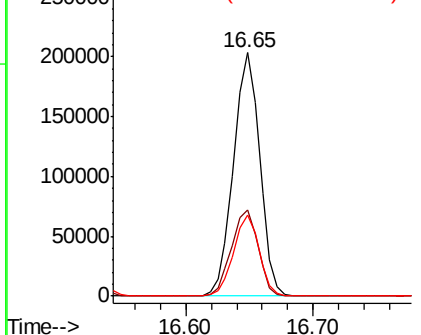


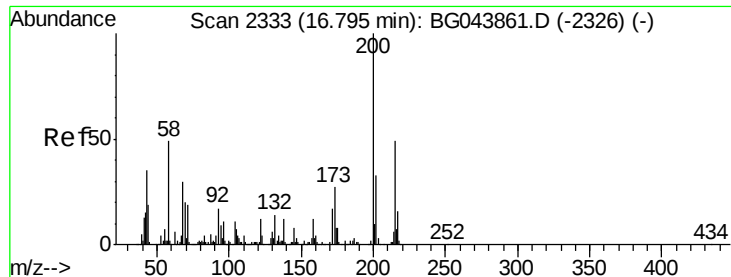
#68
 Hexachlorobenzene
 Concen: 36.502 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.6	43.0
249	33.2	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





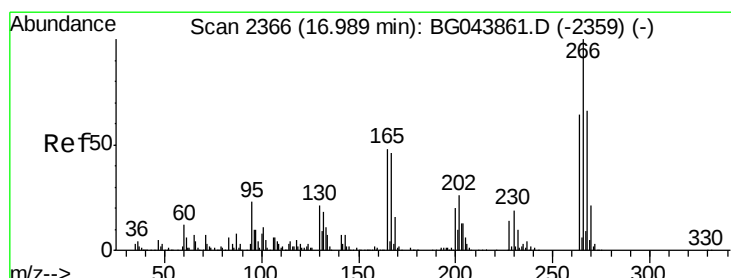
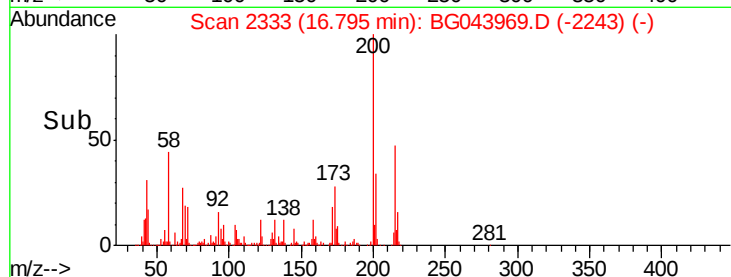
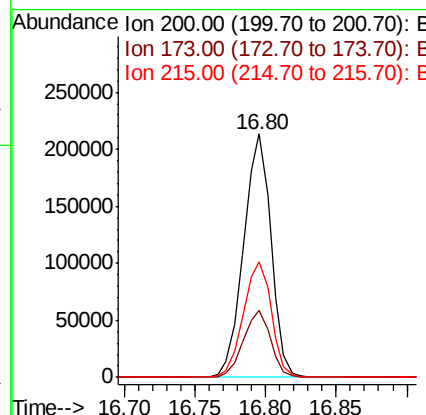
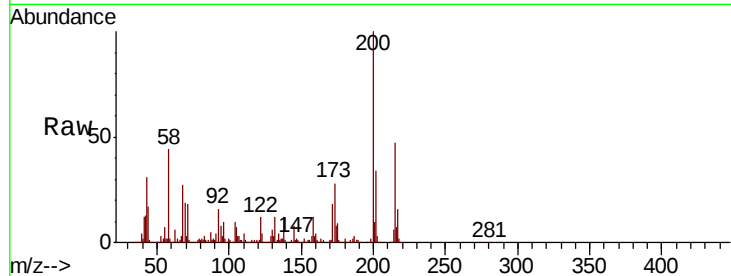
#69
Atrazine
Concen: 45.972 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	289118		
173	27.7	6.6	46.6	
215	47.4	28.6	68.6	

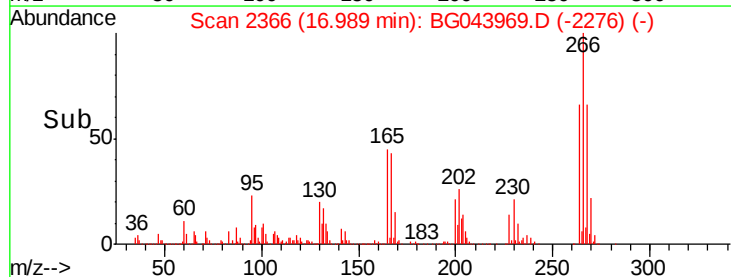
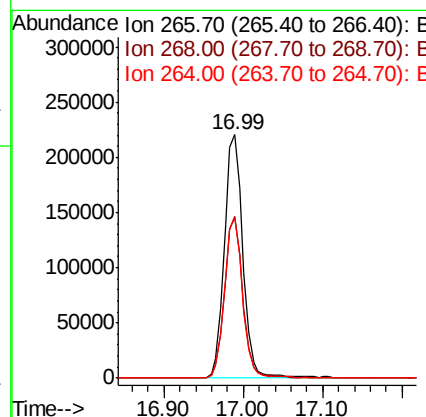
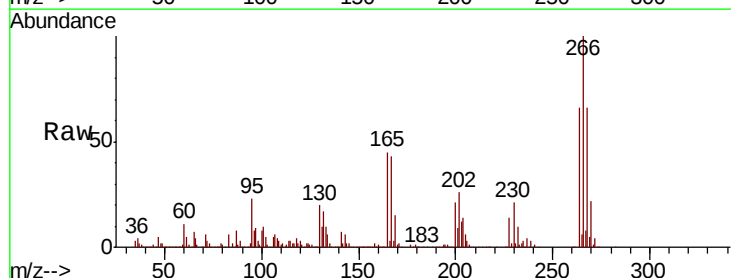
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#70
Pentachlorophenol
Concen: 81.355 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	357073		
268	66.2	52.6	79.0	
264	65.7	50.8	76.2	





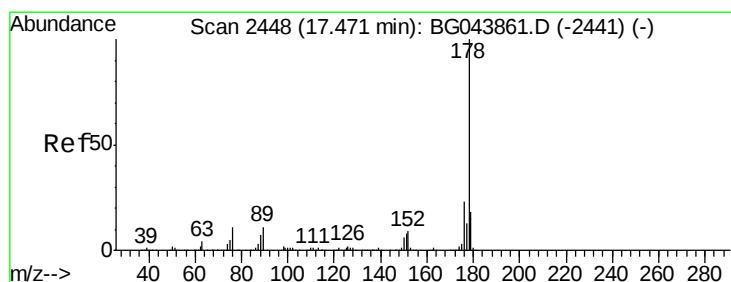
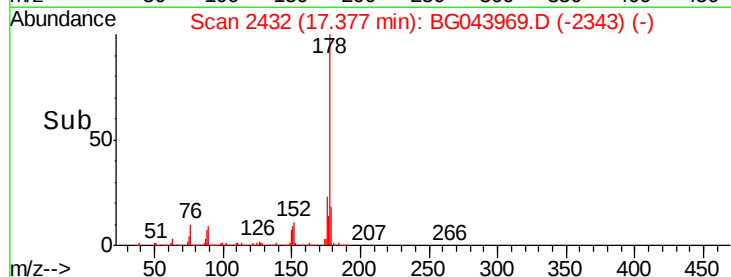
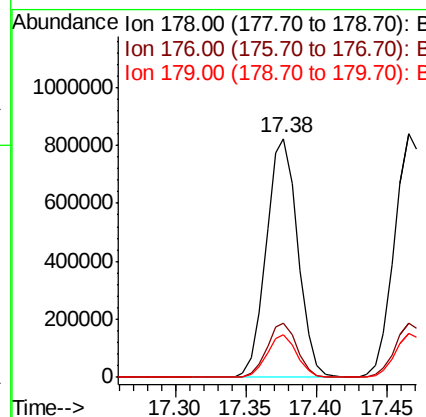
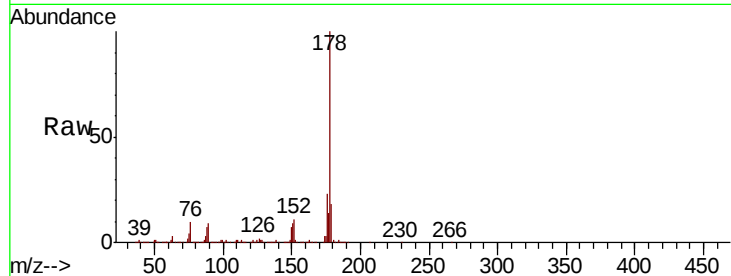
#71
Phenanthrene
Concen: 40.908 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.6	28.0
179	18.1	14.4	21.6

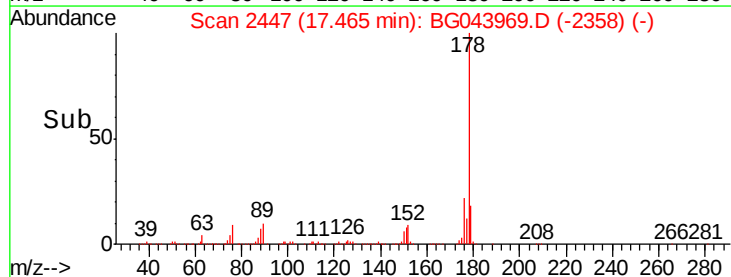
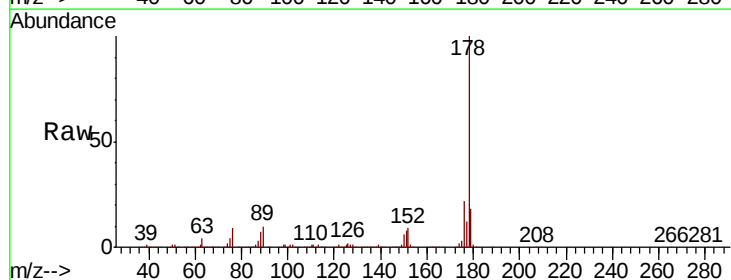
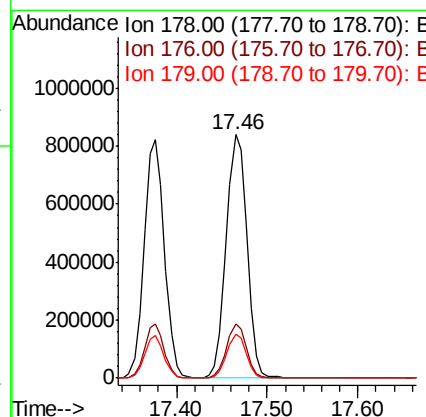
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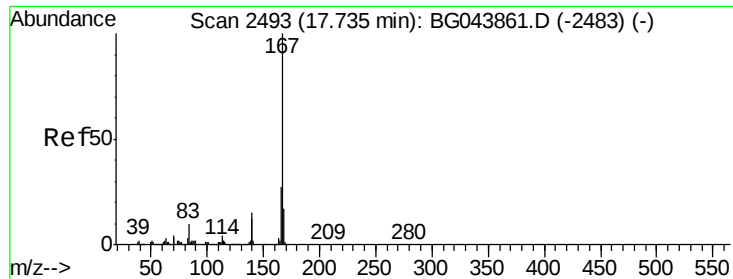
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#72
Anthracene
Concen: 42.846 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	18.3	27.5
179	17.8	14.6	22.0





#73

Carbazole

Concen: 42.558 ng

RT: 17.74 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

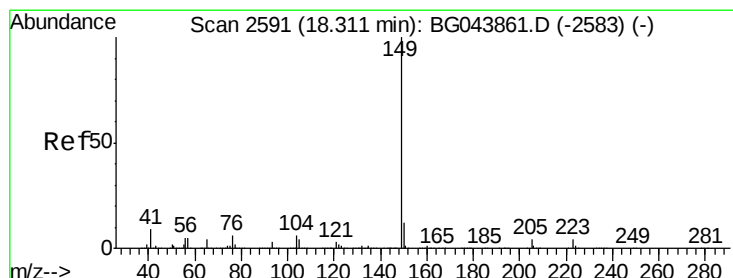
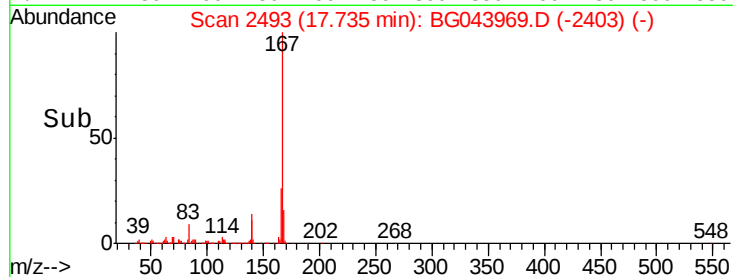
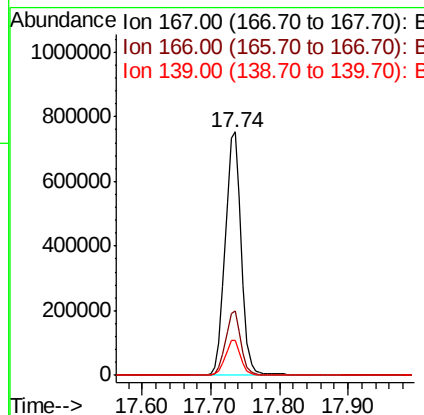
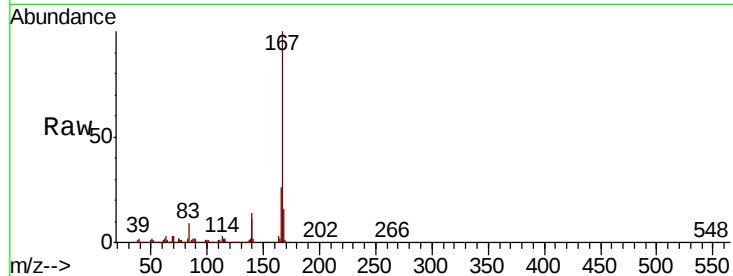
ClientSampleId :

PB125943BS

Tot Ion:	167	Resp:	1224301
Ion	Ratio	Lower	Upper
167	100		
166	26.3	21.6	32.4
139	14.5	12.1	18.1

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#74

Di-n-butylphthalate

Concen: 40.698 ng

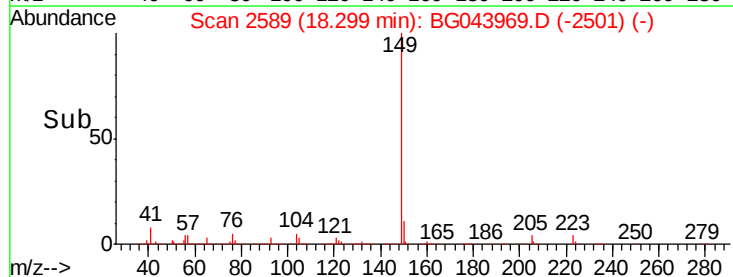
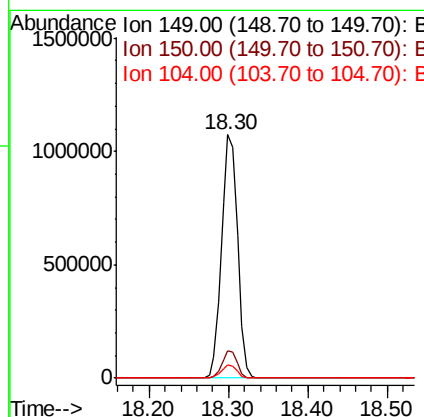
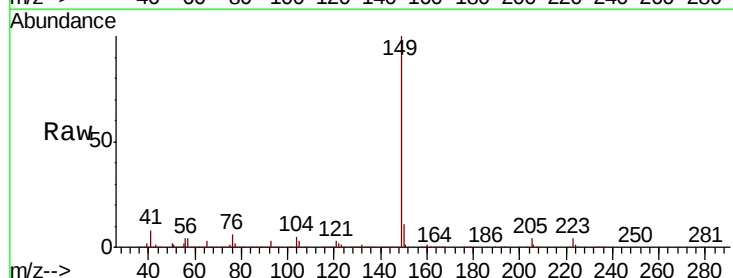
RT: 18.30 min Scan# 2589

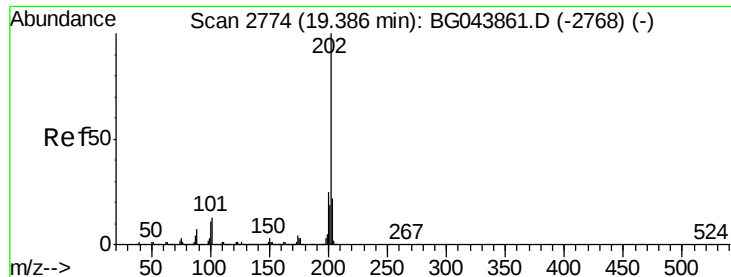
Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	149	Resp:	1494824
Ion	Ratio	Lower	Upper
149	100		
150	11.3	9.7	14.5
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 40.874 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

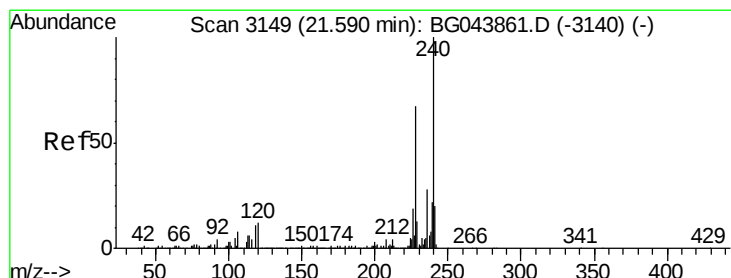
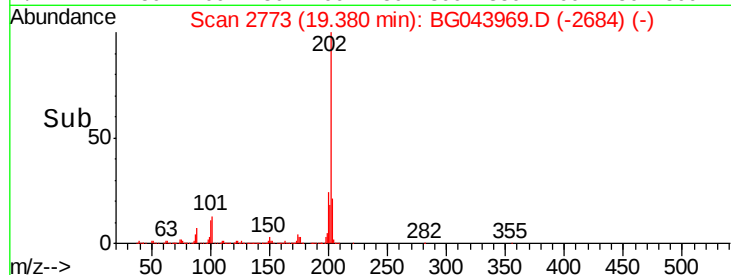
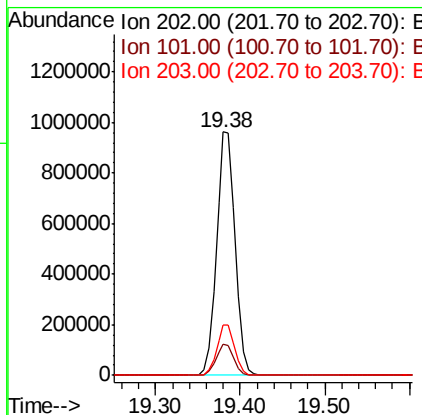
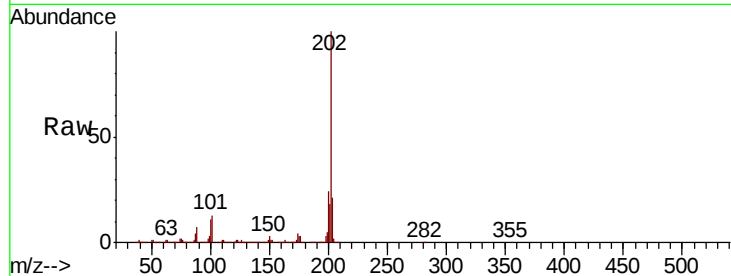
ClientSampleId :

PB125943BS

Tot Ion:	202	Resp:	1473079
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.3
203	20.9	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

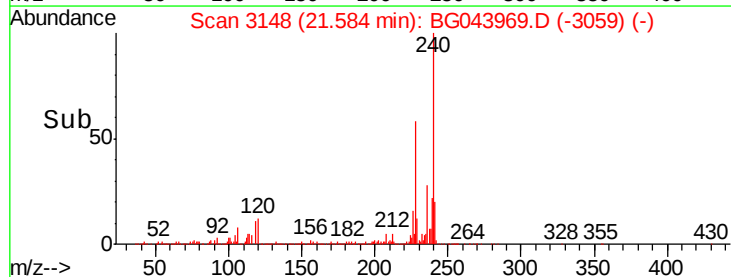
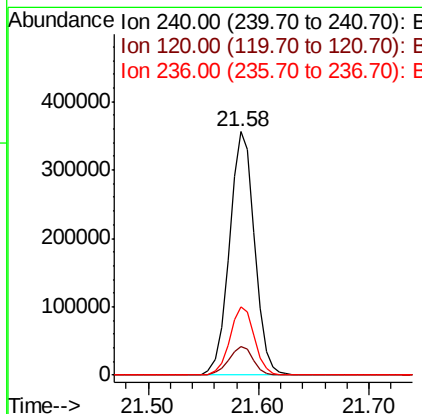
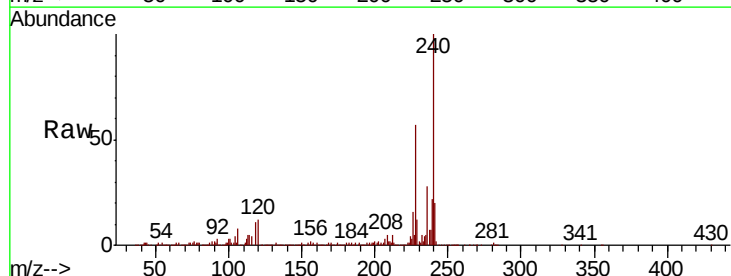
RT: 21.58 min Scan# 3148

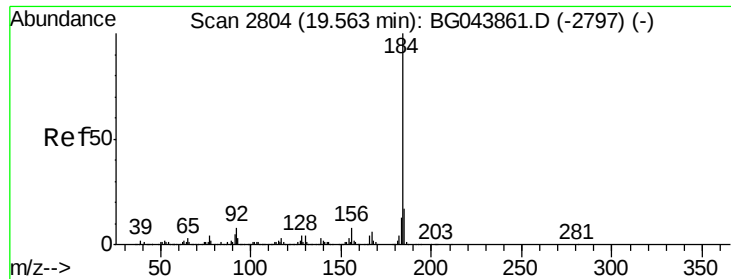
Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:	240	Resp:	566329
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	28.2	22.2	33.2





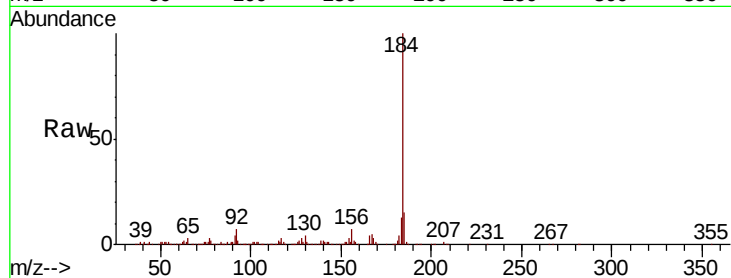
#77
Benzidine
Concen: 43.513 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.0
183	13.4	10.6	15.8

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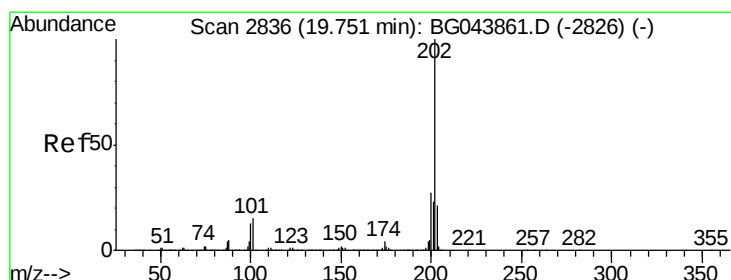
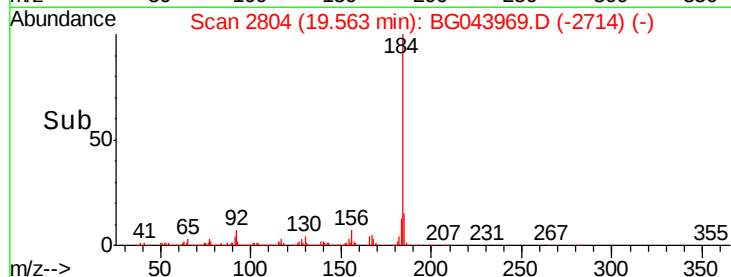
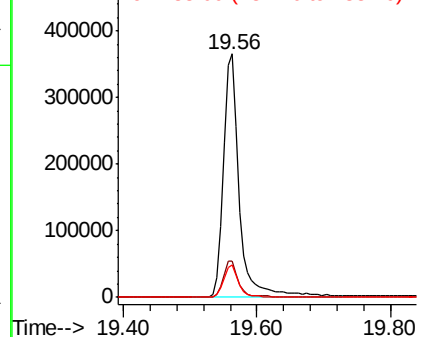


Abundance

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: 40.106 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

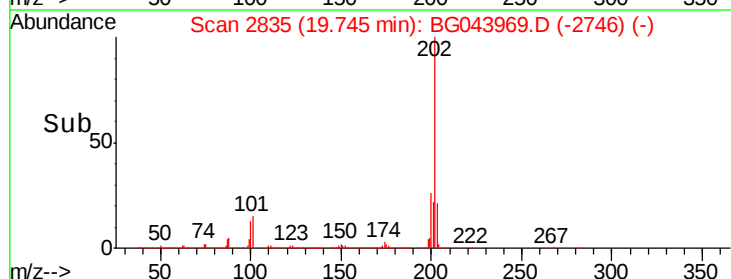
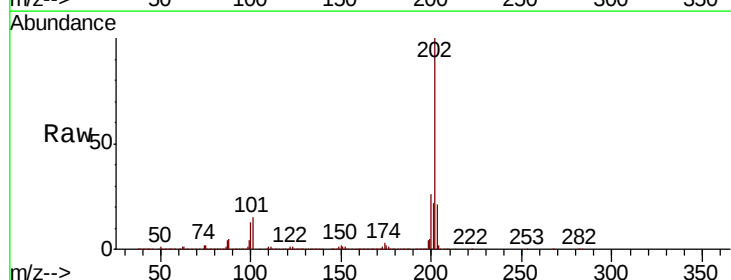
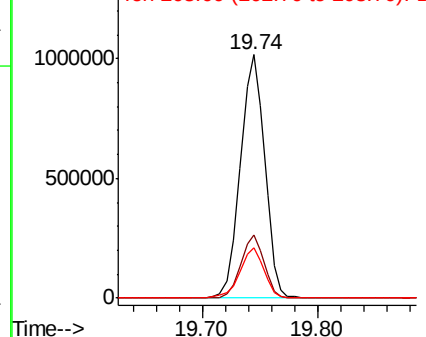
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.9	21.7	32.5
203	20.9	17.0	25.6

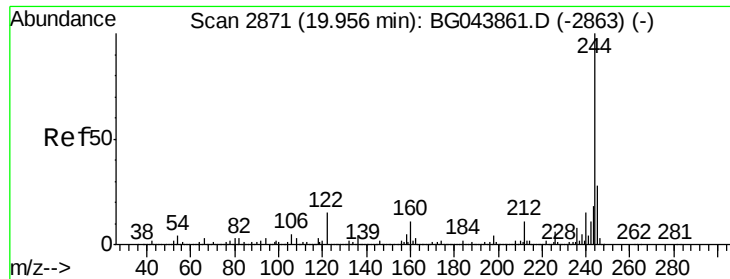
Abundance

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





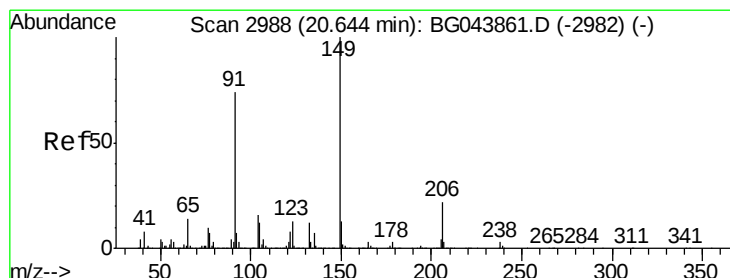
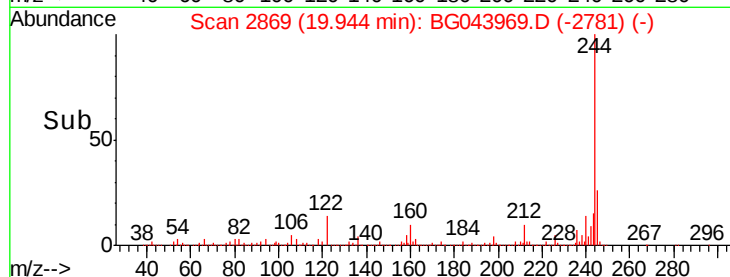
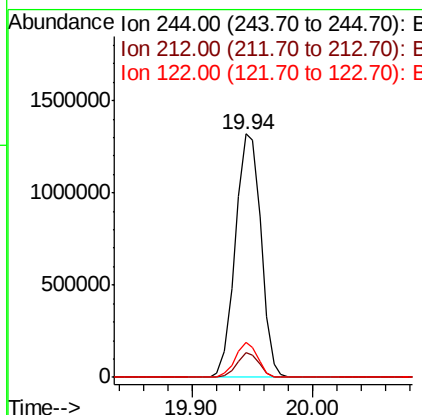
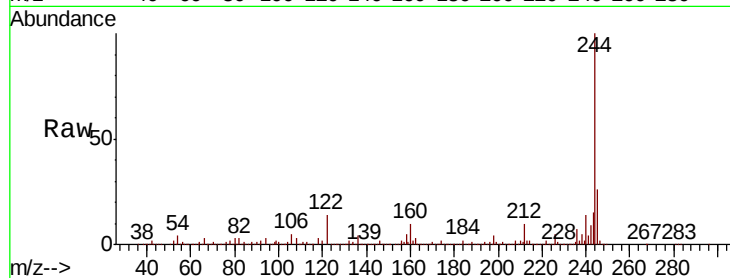
#79
 Terphenyl-d14
 Concen: 82.360 ng
 RT: 19.94 min Scan# 2869
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.6	13.0
122	14.4	11.9	17.9

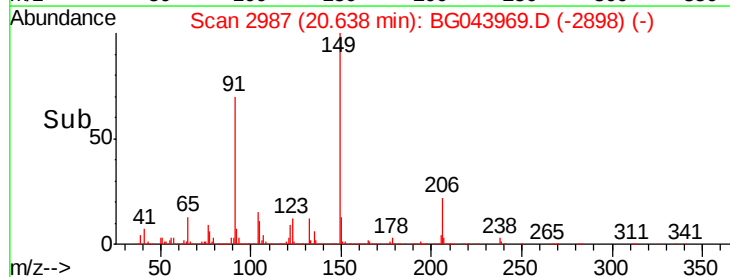
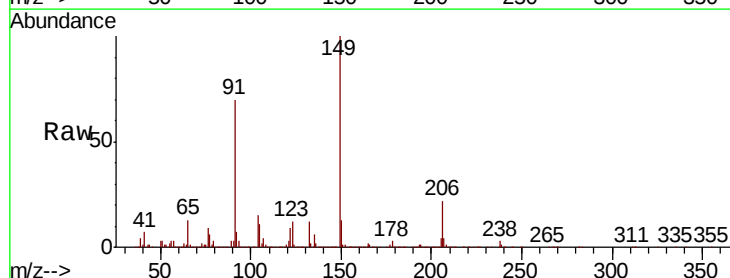
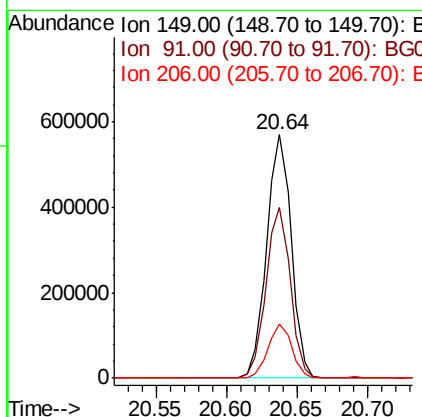
Manual Integrations
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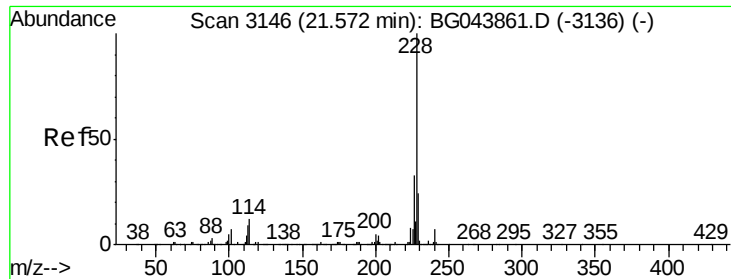
mohammad
 1/9/2020 12:10:04 PM



#80
 Butylbenzylphthalate
 Concen: 39.741 ng
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.5	89.3
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 40.366 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

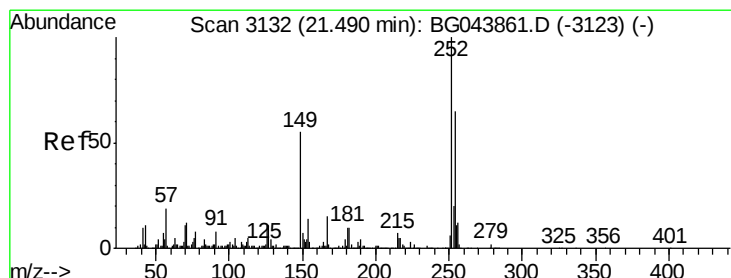
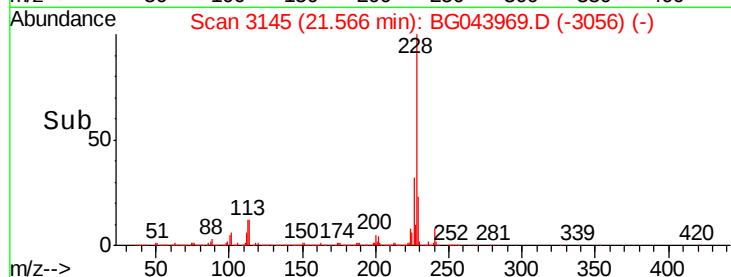
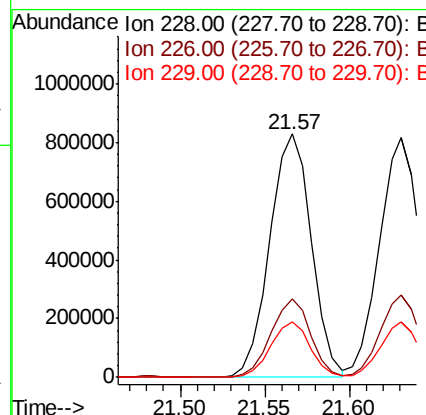
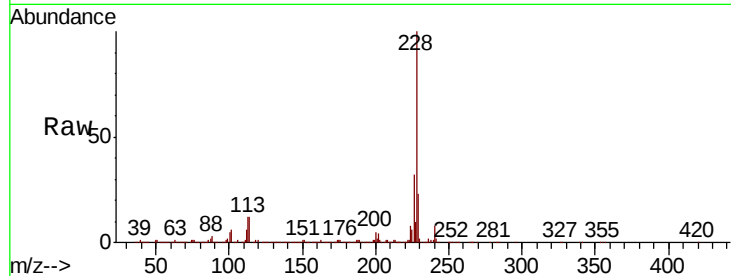
ClientSampleId :

PB125943BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	22.9	18.9	28.3

Manual Integrations
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1/9/2020 12:10:04 PM



#82

3,3'-Dichlorobenzidine

Concen: 29.755 ng

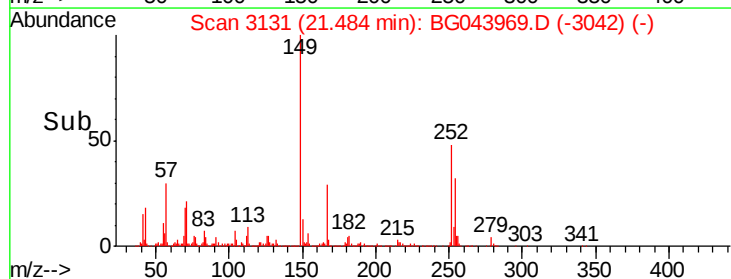
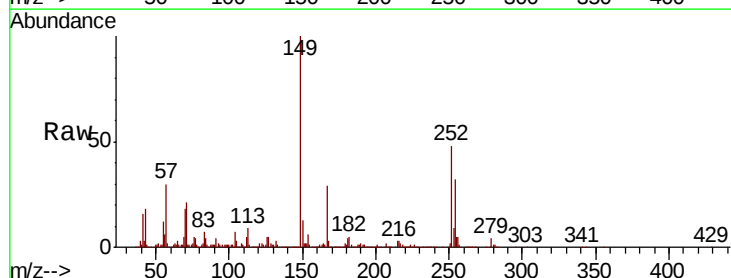
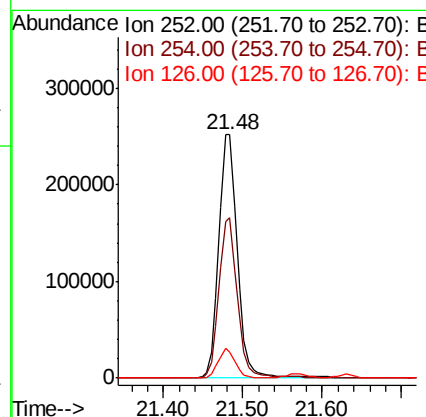
RT: 21.48 min Scan# 3131

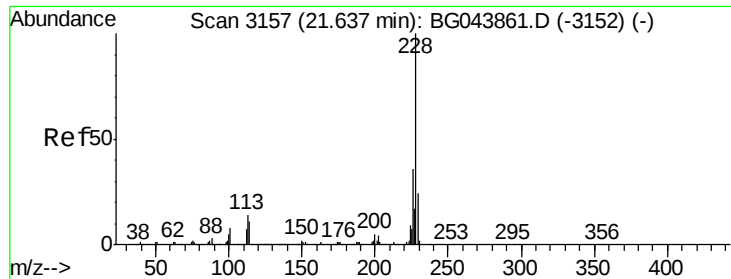
Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.1	78.1
126	10.7	9.1	13.7





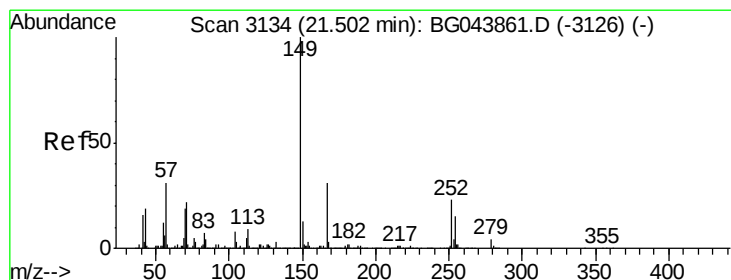
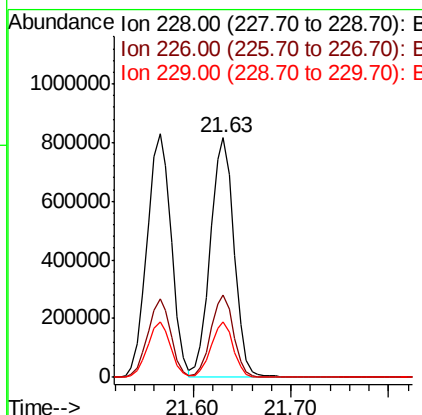
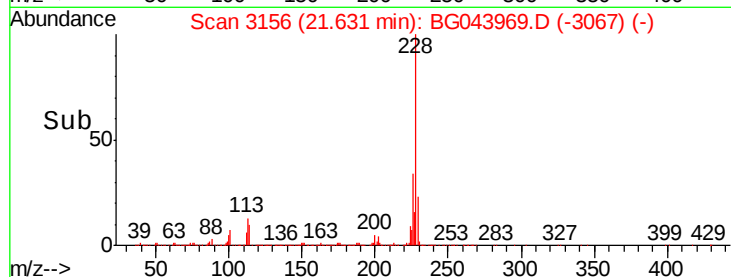
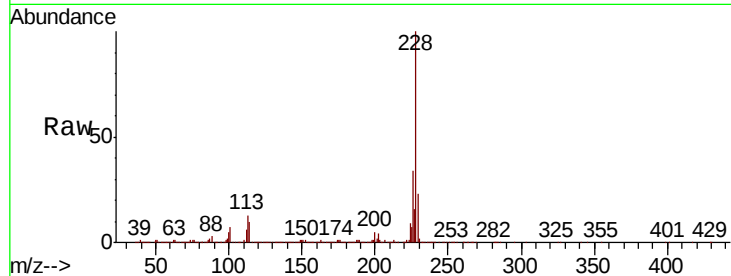
#83
Chrysene
Concen: 40.866 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion:228 Resp: 1363585
Ion Ratio Lower Upper
228 100
226 34.3 28.8 43.2
229 23.1 19.0 28.6

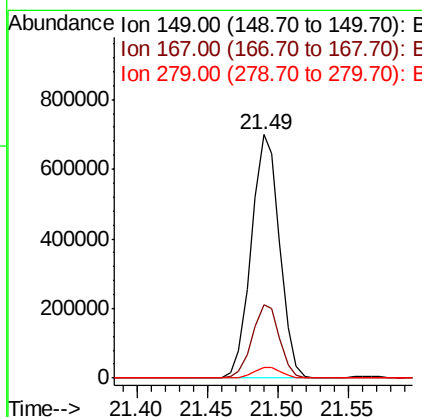
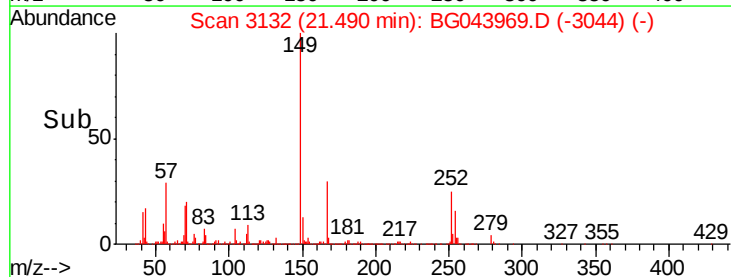
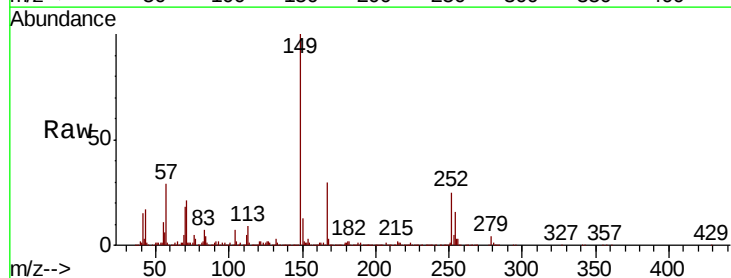
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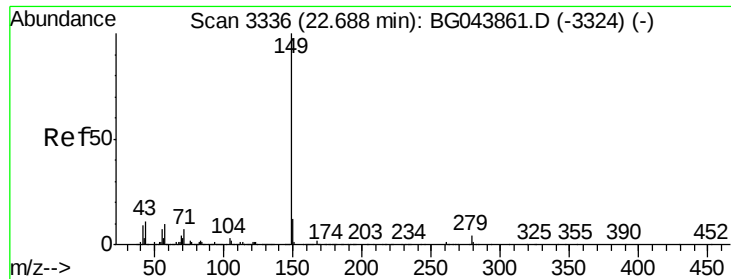
mohammad
1/9/2020 12:10:04 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.505 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:149 Resp: 983607
Ion Ratio Lower Upper
149 100
167 29.9 24.7 37.1
279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.891 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

Tot Ion:149 Resp: 1710197

Ion Ratio Lower Upper

149 100

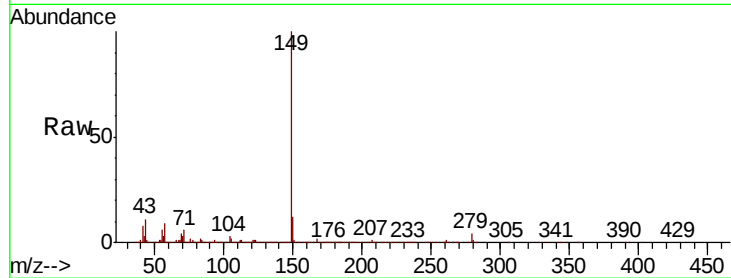
167 1.7 1.4 2.0

43 10.0 8.8 13.2

Manual Integrations
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mohammad

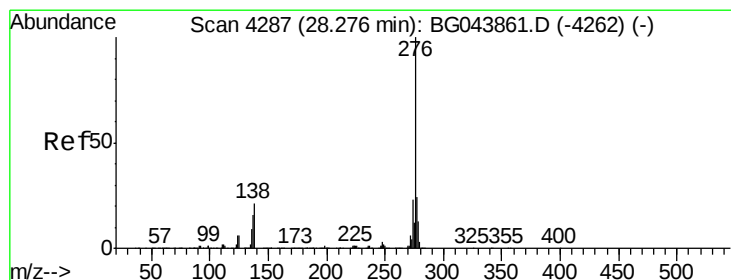
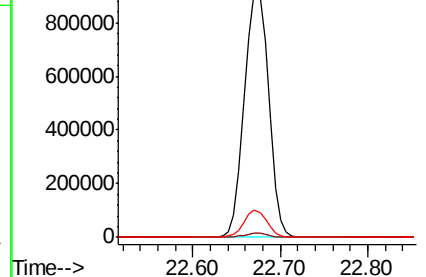
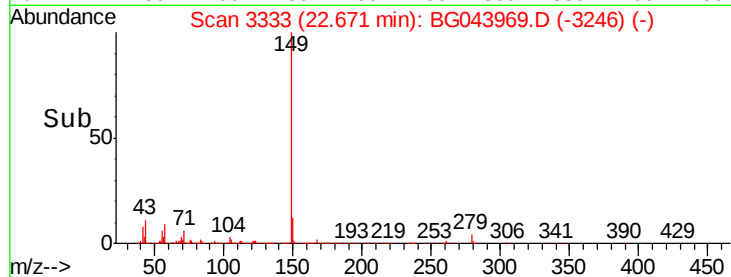
1/9/2020 12:10:04 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.592 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.02 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

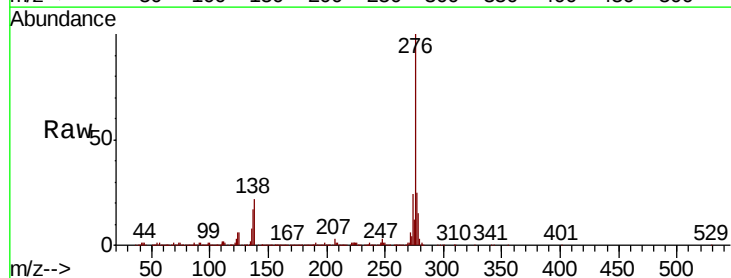
Tgt Ion:276 Resp: 1704652

Ion Ratio Lower Upper

276 100

138 27.0 21.0 31.4

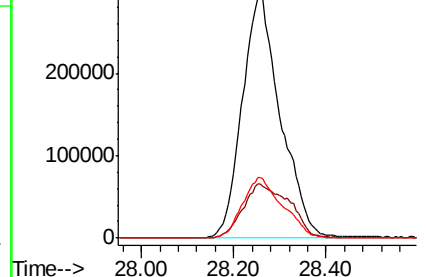
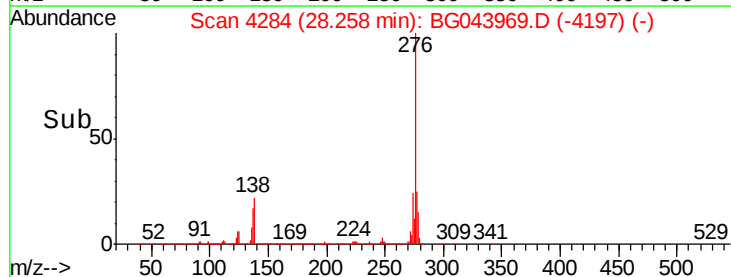
277 26.2 21.1 31.7

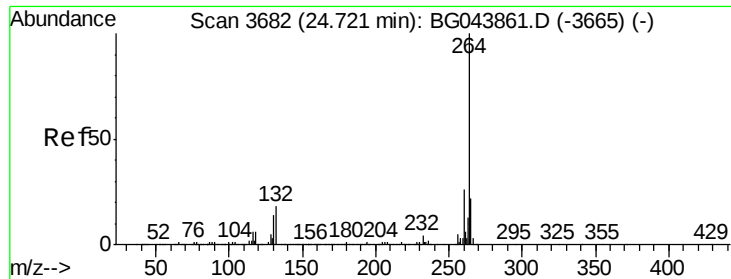


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





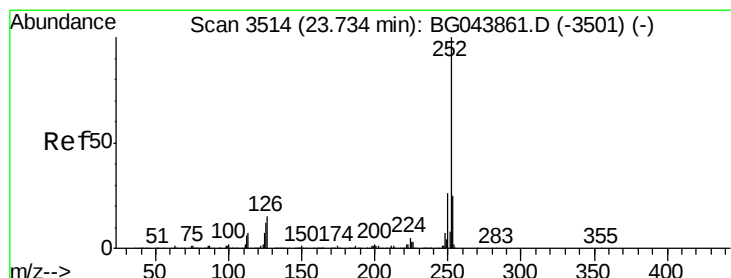
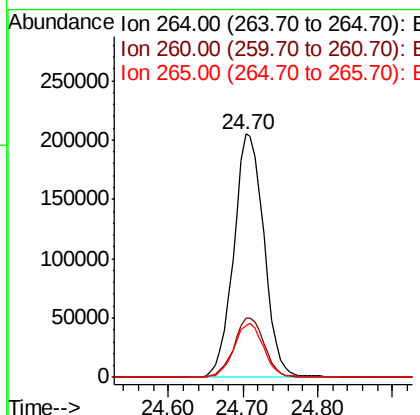
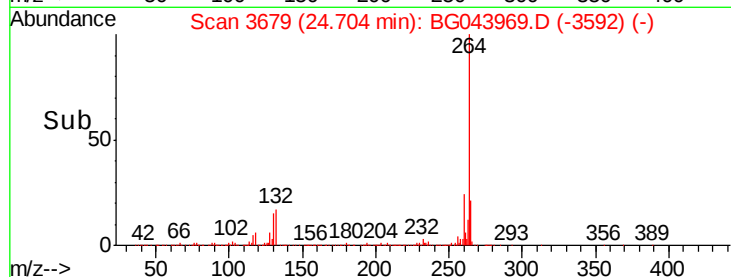
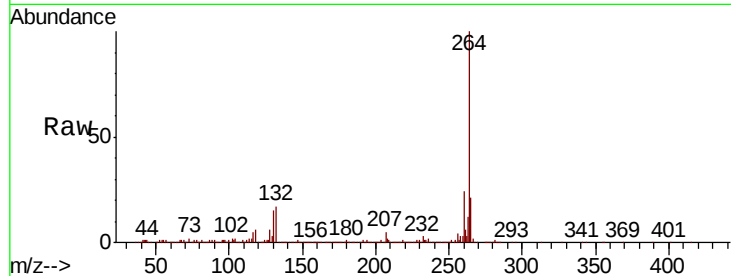
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.2	17.4	26.2

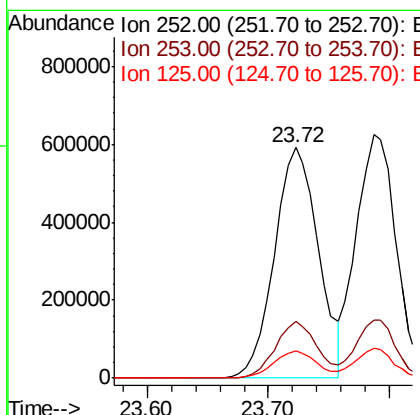
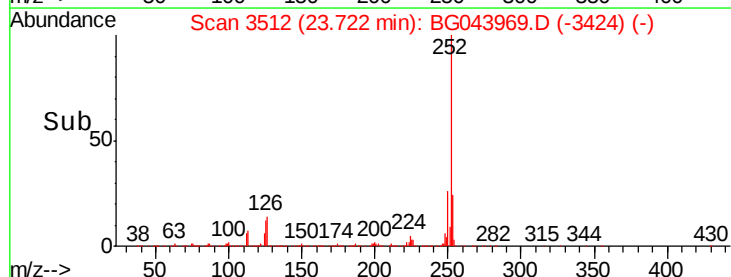
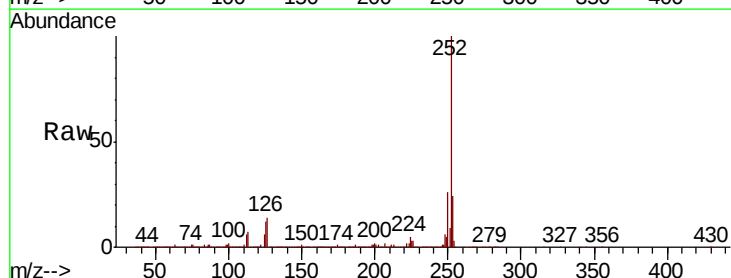
Manual Integrations
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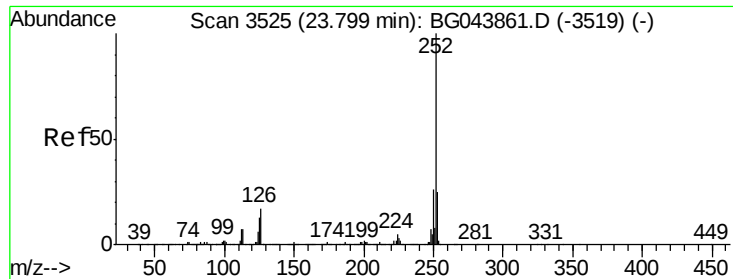
mohammad
1/9/2020 12:10:04 PM



#88
Benzo(b)fluoranthene
Concen: 43.792 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.7	29.5
125	11.9	9.4	14.2





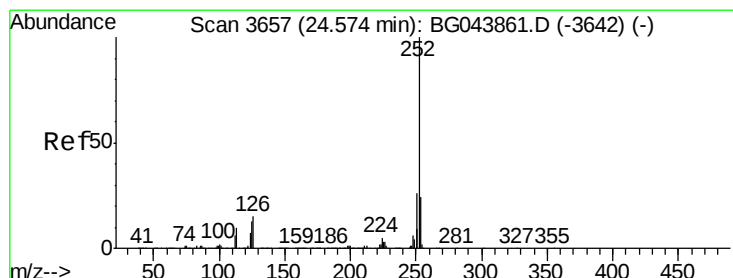
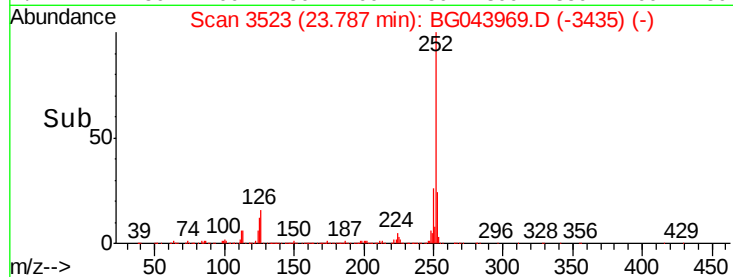
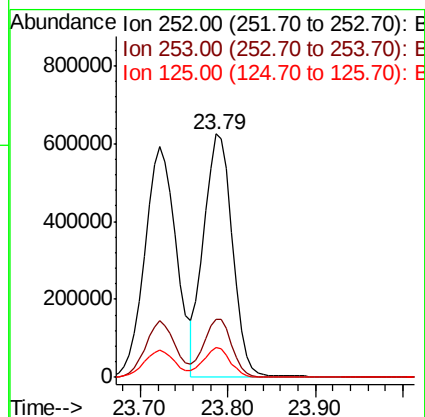
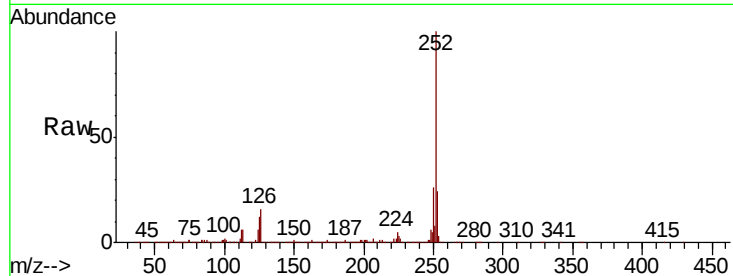
#89
Benzo(k)fluoranthene
Concen: 44.281 ng
RT: 23.79 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	12.2	9.9	14.9

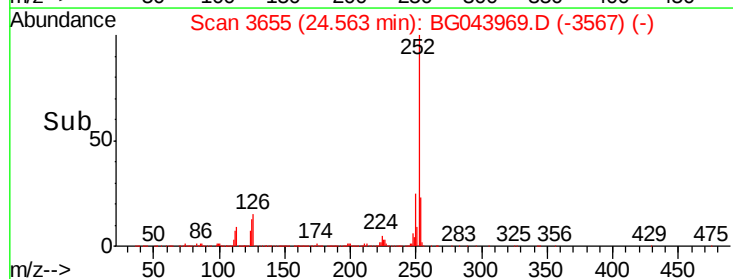
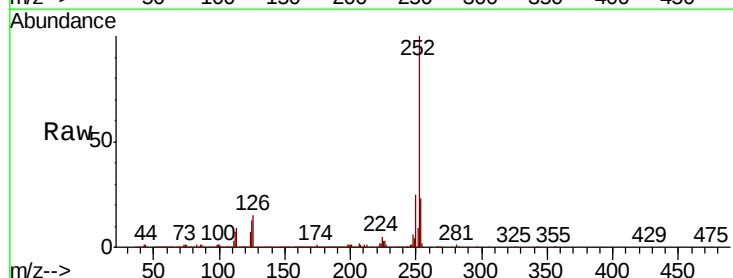
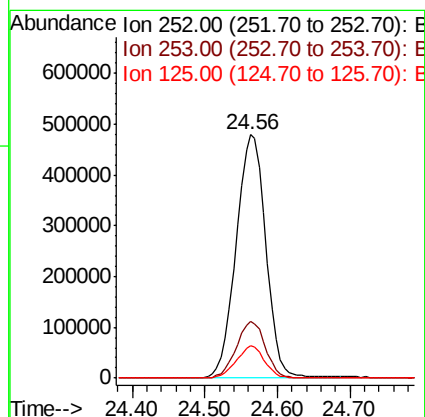
Manual Integrations
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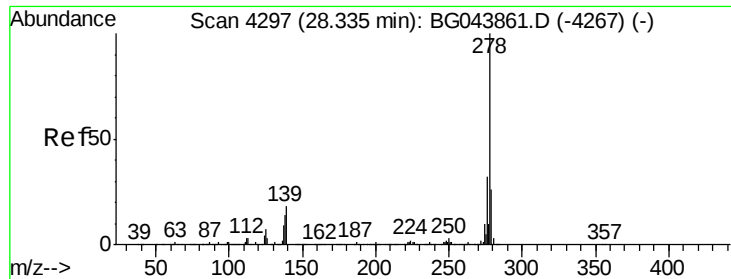
mohammad
1/9/2020 12:10:04 PM



#90
Benzo(a)pyrene
Concen: 42.420 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	13.2	10.4	15.6





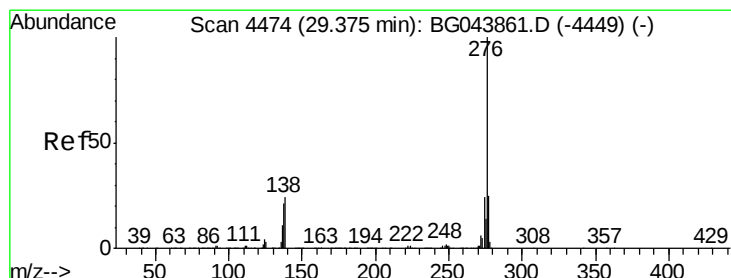
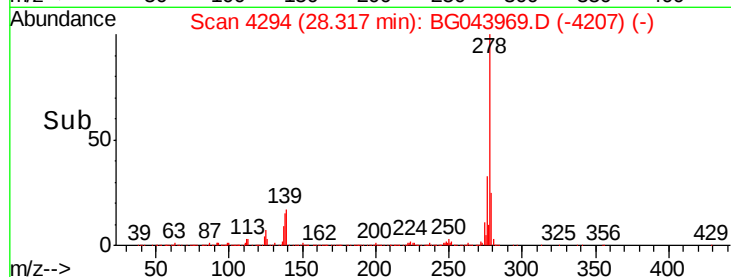
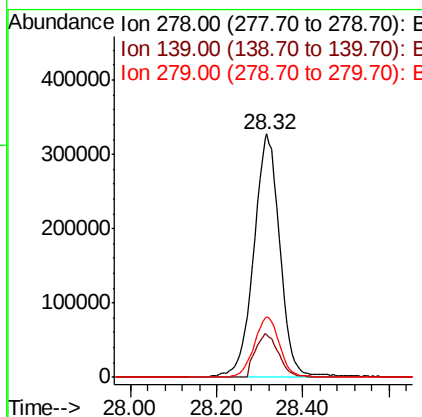
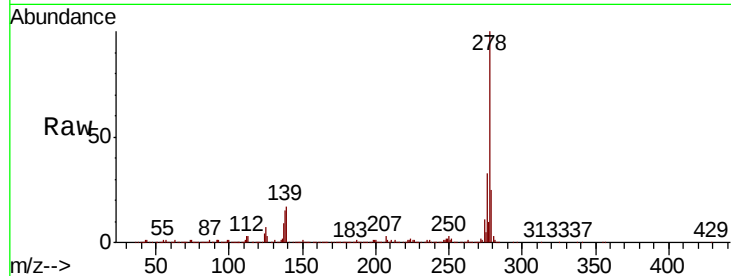
#91
Dibenzo(a,h)anthracene
Concen: 43.867 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tot Ion:278 Resp: 1415986
Ion Ratio Lower Upper
278 100
139 17.4 14.2 21.4
279 24.7 20.6 30.8

Manual Integrations
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1/9/2020 12:10:04 PM



#92
Benzo(g,h,i)perylene
Concen: 44.761 ng
RT: 29.36 min Scan# 4471
Delta R.T. -0.02 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:276 Resp: 1435180
Ion Ratio Lower Upper
276 100
277 23.9 20.2 30.4
138 23.3 19.0 28.6

