

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044096.D
 Acq On : 20 Jan 2020 13:47
 Operator : JU
 Sample : PB126166BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

Manual Integrations
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 1/21/2020 2:25:20 PM

Quant Time: Jan 21 06:21:38 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	7.93	152	81330	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	343230	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	228107	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	486147	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	410704	20.00	ng	-0.02
87) Perylene-d12	24.67	264	470513	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	658793	148.73	ng	-0.03
7) Phenol-d6	7.11	99	869048	140.36	ng	-0.02
23) Nitrobenzene-d5	9.09	82	456247	71.11	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	331603	138.91	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1021464	81.13	ng	-0.03
79) Terphenyl-d14	19.93	244	1471766	86.91	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	78464	40.627	ng	97
3) Pyridine	3.79	79	193449	33.906	ng	95
4) n-Nitrosodimethylamine	3.70	42	98921	38.943	ng	95
6) Aniline	7.25	93	255471	31.414	ng	97
8) 2-Chlorophenol	7.50	128	240556	46.260	ng	99
9) Benzaldehyde	7.07	77	123740	31.226	ng	96
10) Phenol	7.13	94	303273	47.540	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	222030	40.321	ng	95
12) 1,3-Dichlorobenzene	7.82	146	245927	40.414	ng	98
13) 1,4-Dichlorobenzene	7.96	146	244219	40.675	ng	99
14) 1,2-Dichlorobenzene	8.29	146	234740	40.732	ng	99
15) Benzyl Alcohol	8.17	79	201737	41.284	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	298164	34.999	ng	98
17) 2-Methylphenol	8.38	107	210439	45.585	ng	98
18) Hexachloroethane	9.02	117	91599	39.207	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	175925	38.154	ng	98
20) 3+4-Methylphenols	8.71	107	291801	45.311	ng	98
22) Acetophenone	8.75	105	329868	38.658	ng	# 97
24) Nitrobenzene	9.13	77	252648	39.758	ng	98
25) Isophorone	9.66	82	487018	40.460	ng	100
26) 2-Nitrophenol	9.84	139	136741	45.483	ng	94
27) 2,4-Dimethylphenol	9.92	122	234547	51.827	ng	96
28) bis(2-Chloroethoxy)methane	10.14	93	308205	38.406	ng	98
29) 2,4-Dichlorophenol	10.39	162	243089	45.031	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	238932	39.475	ng	99
31) Naphthalene	10.78	128	716223	43.122	ng	99
32) Benzoic acid	10.06	122	111828	32.646	ng	91
33) 4-Chloroaniline	10.89	127	173522	21.904	ng	99
34) Hexachlorobutadiene	11.08	225	136455	36.924	ng	98
35) Caprolactam	11.65	113	89012m	44.293	ng	
36) 4-Chloro-3-methylphenol	12.02	107	260989	45.415	ng	97
37) 2-Methylnaphthalene	12.39	142	537325	42.970	ng	96
38) 1-Methylnaphthalene	12.61	142	514072	43.376	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	251802	37.662	ng	99

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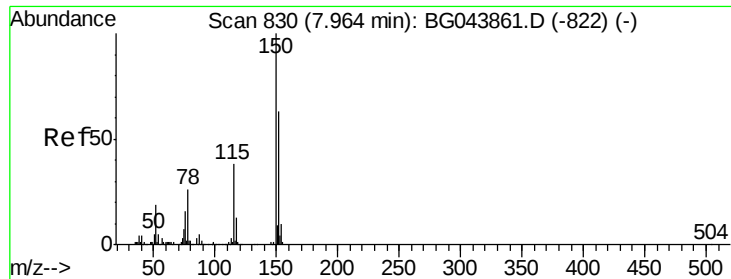
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	339470	97.938	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	195379	42.470	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	209845	44.227	nq	98
46) 1,1'-Biphenyl	13.41	154	678314	41.475	nq	98
47) 2-Chloronaphthalene	13.45	162	531161	40.191	nq	98
48) 2-Nitroaniline	13.64	65	163761	38.522	nq	99
49) Acenaphthylene	14.29	152	852469	44.878	nq	97
50) Dimethylphthalate	14.03	163	678646	41.901	nq	97
51) 2,6-Dinitrotoluene	14.14	165	154477	42.198	nq	96
52) Acenaphthene	14.63	154	531876	39.928	nq	97
53) 3-Nitroaniline	14.47	138	113147	27.218	nq	95
54) 2,4-Dinitrophenol	14.67	184	168515	89.647	nq	96
55) Dibenzofuran	14.97	168	811813	44.270	nq	97
56) 4-Nitrophenol	14.79	139	286910	90.064	nq	96
57) 2,4-Dinitrotoluene	14.93	165	217903	43.745	nq	99
58) Fluorene	15.62	166	641677	44.148	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	179647	44.032	nq	97
60) Diethylphthalate	15.39	149	690969	42.653	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	329609	41.763	nq	100
62) 4-Nitroaniline	15.63	138	156734	38.179	nq	96
63) Azobenzene	15.90	77	642446	42.763	nq	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	125349	49.857	nq	94
66) n-Nitrosodiphenylamine	15.83	169	602804	42.106	nq	98
67) 4-Bromophenyl-phenylether	16.51	248	214292	39.193	nq	97
68) Hexachlorobenzene	16.62	284	227685	38.646	nq	98
69) Atrazine	16.78	200	218417	46.935	nq	98
70) Pentachlorophenol	16.97	266	249462	76.811	nq	98
71) Phenanthrene	17.35	178	1018715	43.688	nq	97
72) Anthracene	17.45	178	1044998	45.346	nq	98
73) Carbazole	17.71	167	929779	43.678	nq	96
74) Di-n-butylphthalate	18.28	149	1147636	42.226	nq	97
75) Fluoranthene	19.36	202	1160965	43.535	nq	96
77) Benzidine	19.54	184	495500	47.998	nq	98
78) Pyrene	19.73	202	1162509	43.364	nq	96
80) Butylbenzylphthalate	20.62	149	530439	41.560	nq	94
81) Benzo(a)anthracene	21.54	228	1108272	43.519	nq	96
82) 3,3'-Dichlorobenzidine	21.46	252	312052	31.015	nq	100
83) Chrysene	21.61	228	1046501	43.247	nq	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	752500	42.730	nq	97
85) Di-n-octyl phthalate	22.65	149	1314654	44.404	nq	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1353963	41.172	nq	100
88) Benzo(b)fluoranthene	23.69	252	1141740	41.047	nq	99
89) Benzo(k)fluoranthene	23.76	252	1140338	43.112	nq	99
90) Benzo(a)pyrene	24.53	252	1076041	40.987	nq	98
91) Dibenzo(a,h)anthracene	28.26	278	1113348	42.227	nq	98
92) Benzo(g,h,i)perylene	29.30	276	1132699	43.250	nq	98

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



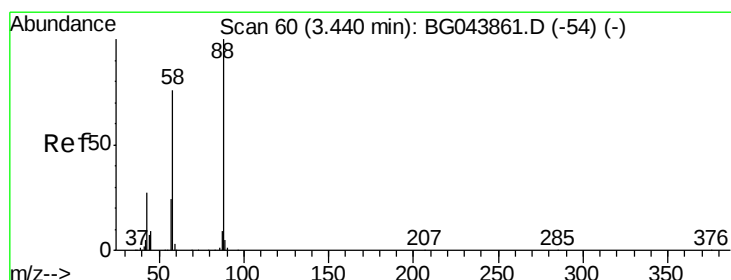
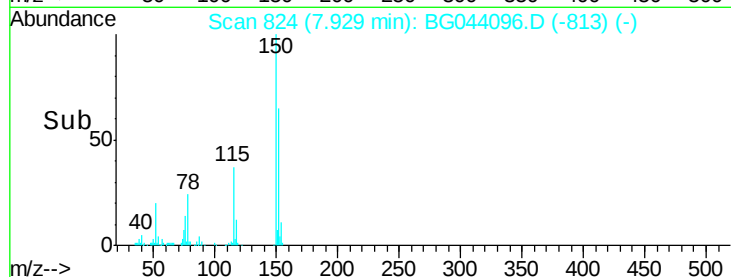
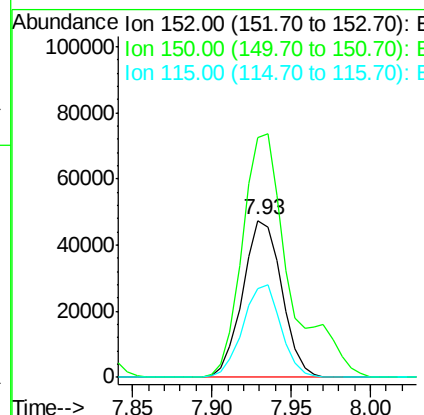
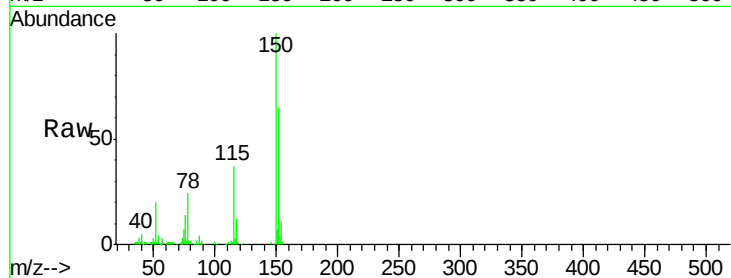
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.04 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleID :
 PB126166BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.0	190.4
115	56.8	47.8	71.8

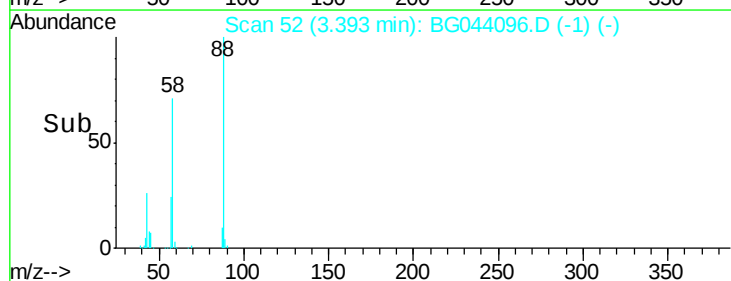
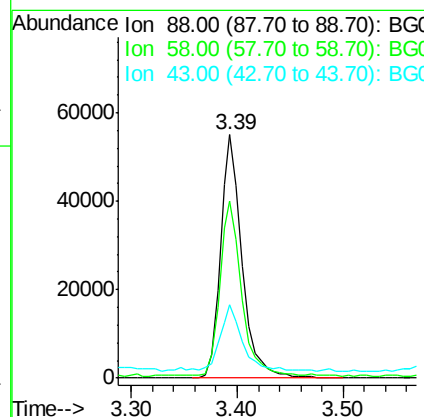
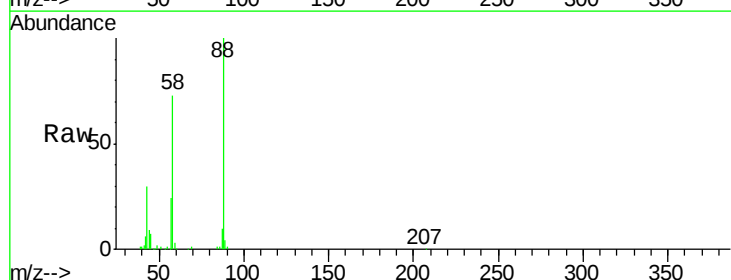
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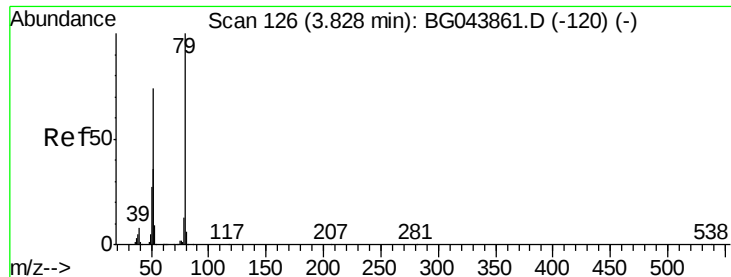
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#2
 1,4-Dioxane
 Concen: 40.627 ng
 RT: 3.39 min Scan# 52
 Delta R.T. -0.05 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	59.8	89.8
43	27.6	22.9	34.3





#3

Pvridine

Concen: 33.906 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

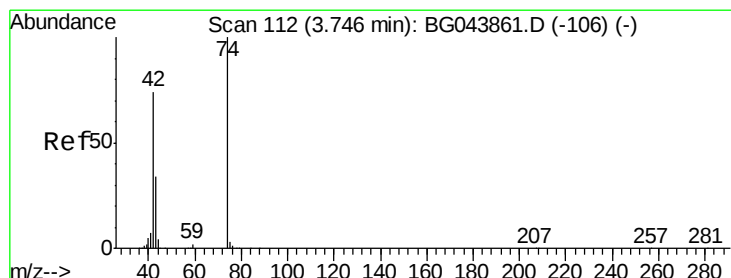
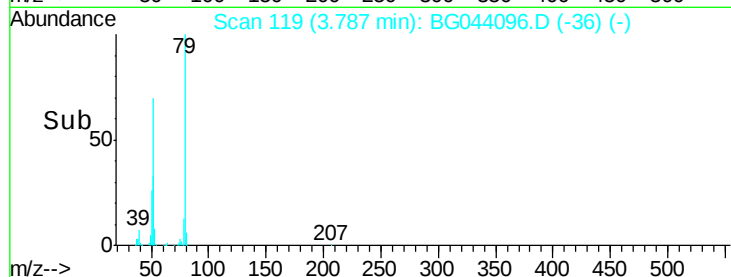
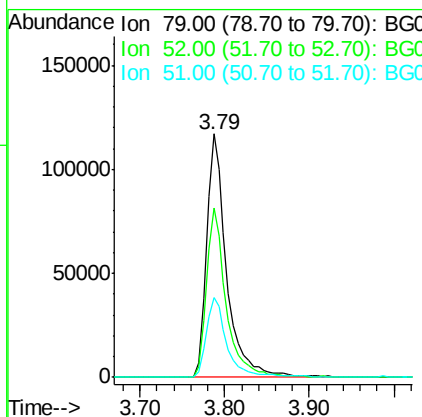
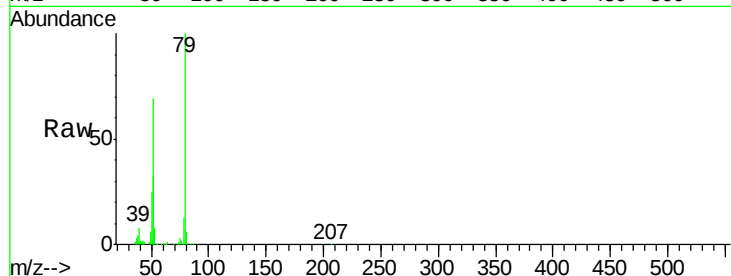
ClientSampleId :

PB126166BS

Tot Ion:	79	Resp:	193449
Ion	Ratio	Lower	Upper
79	100		
52	69.3	58.9	88.3
51	33.0	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 38.943 ng

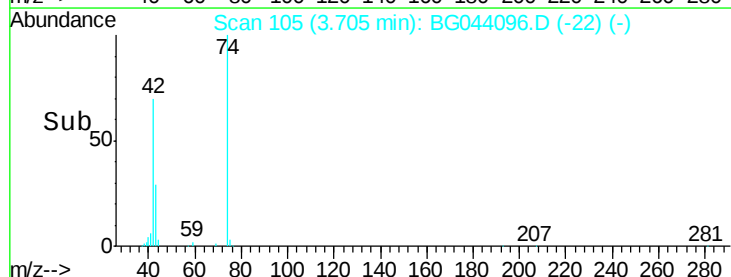
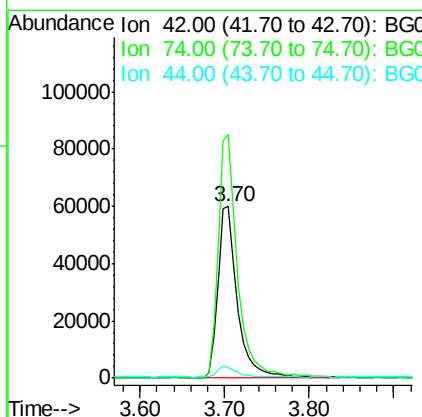
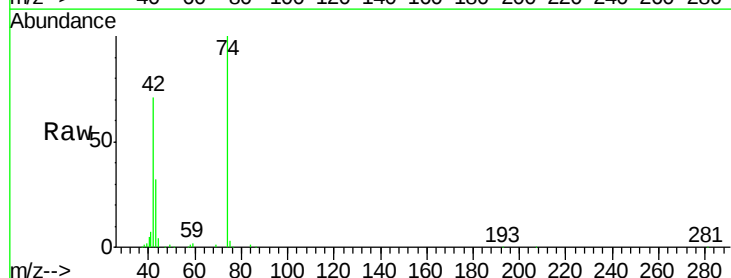
RT: 3.70 min Scan# 105

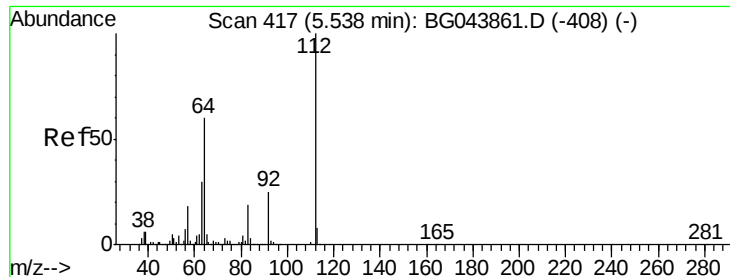
Delta R.T. -0.04 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	42	Resp:	98921
Ion	Ratio	Lower	Upper
42	100		
74	141.8	108.6	162.8
44	6.1	5.0	7.6





#5

2-Fluorophenol

Concen: 148.730 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

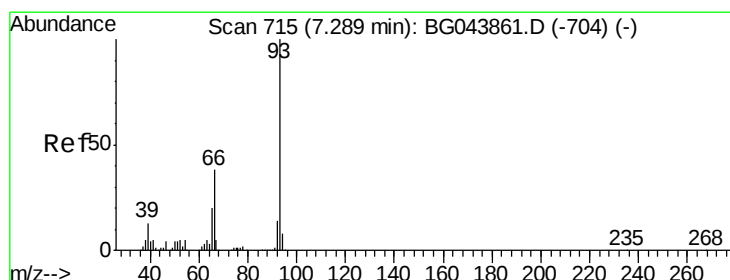
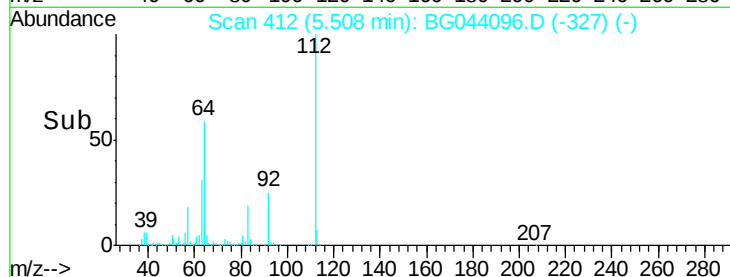
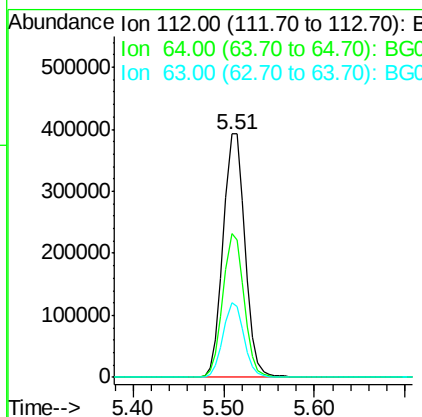
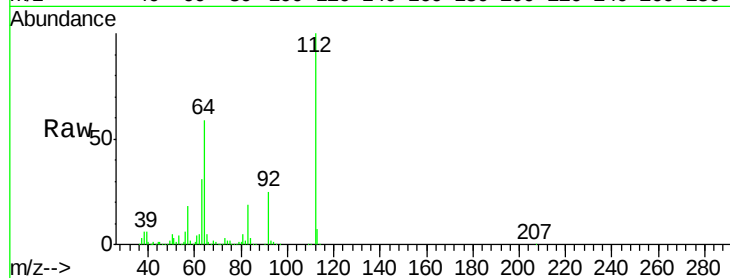
ClientSampleId :

PB126166BS

Tot Ion:	112	Resp:	658793
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.8	71.6
63	30.6	24.3	36.5

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#6

Aniline

Concen: 31.414 ng

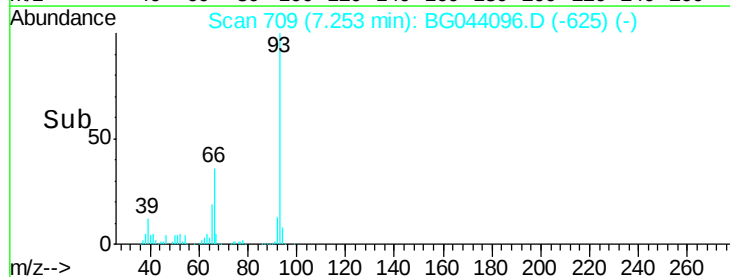
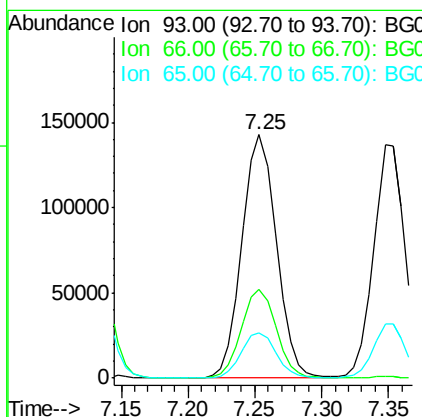
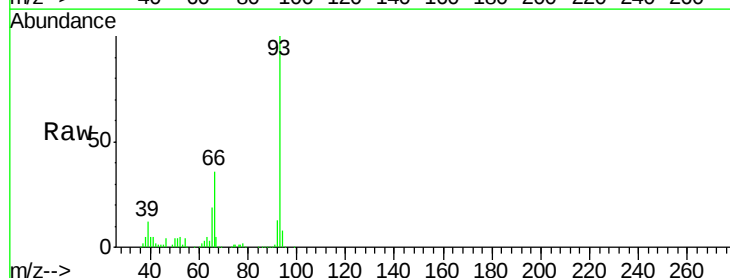
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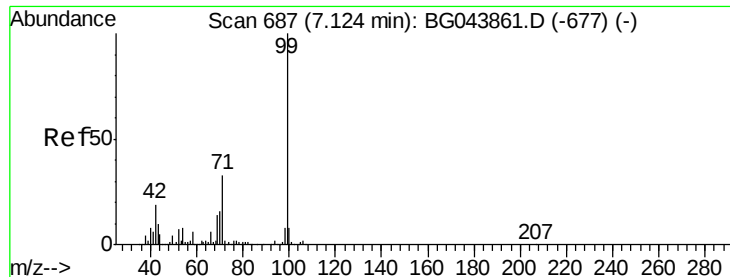
Delta R.T. -0.04 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	93	Resp:	255471
Ion Ratio	Lower	Upper	
93	100		
66	36.5	30.8	46.2
65	18.6	16.0	24.0





#7

Phenol-d6

Concen: 140.360 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

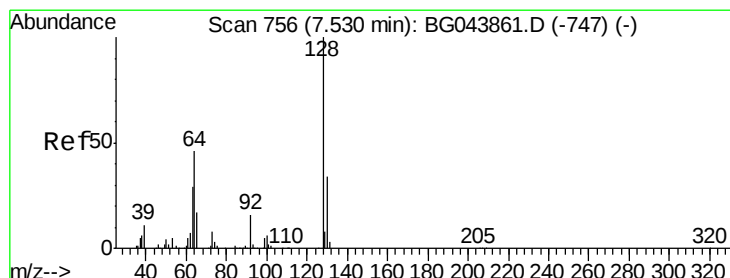
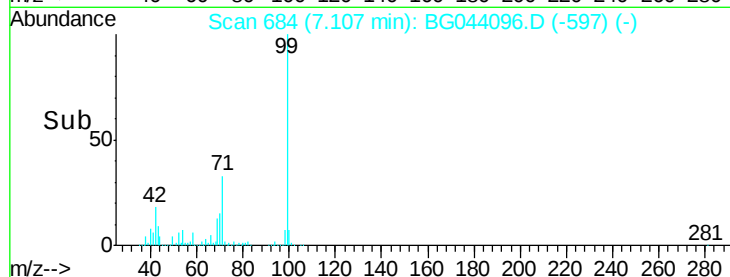
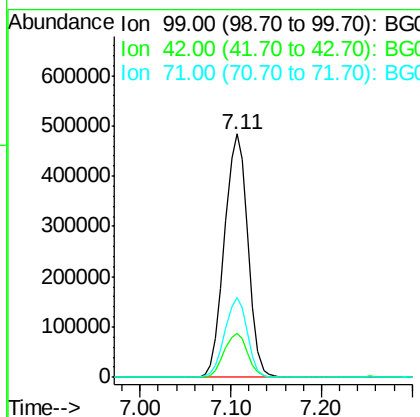
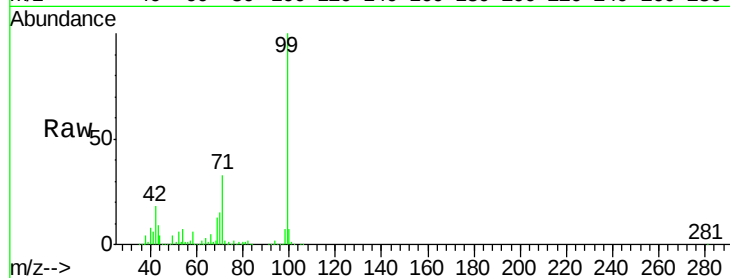
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Tot Ion:	99	Resp:	869048
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.9	22.3
71	32.6	26.4	39.6

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#8

2-Chlorophenol

Concen: 46.260 ng

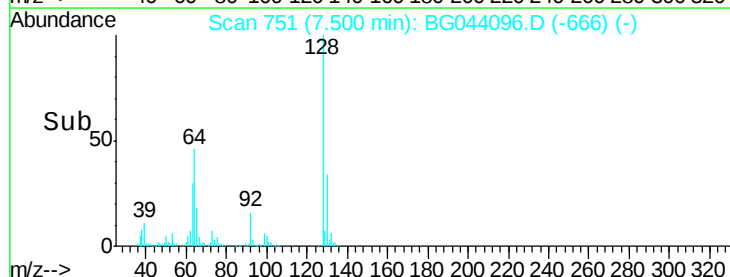
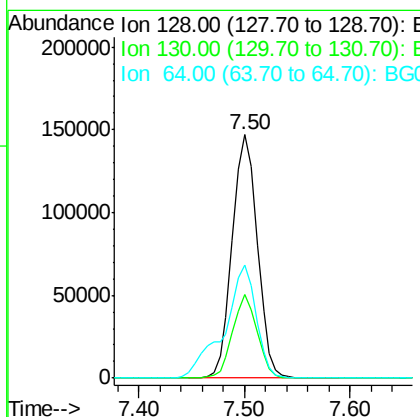
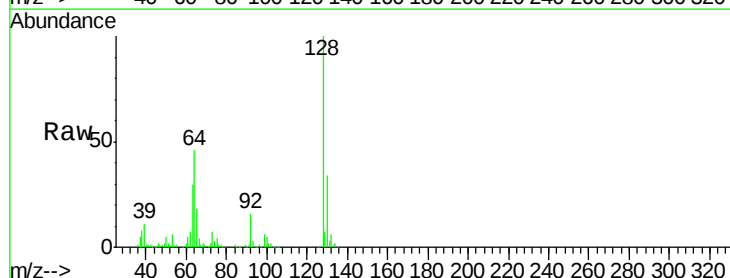
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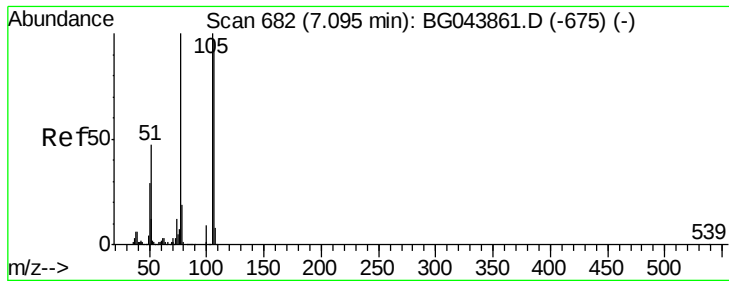
Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	128	Resp:	240556
Ion Ratio	Lower	Upper	
128	100		
130	34.1	13.8	53.8
64	46.3	27.6	67.6





#9

Benzaldehyde

Concen: 31.226 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

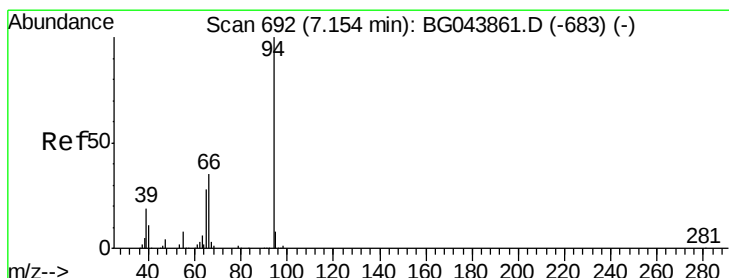
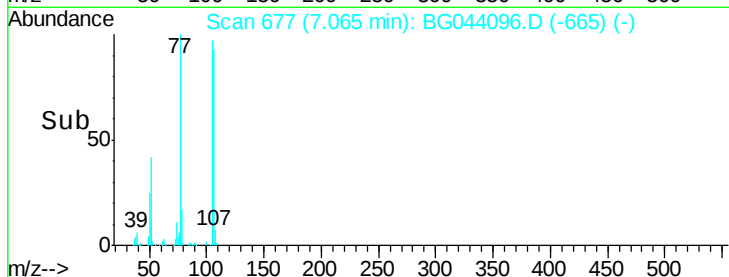
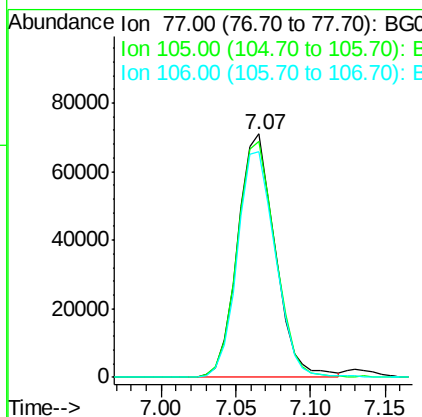
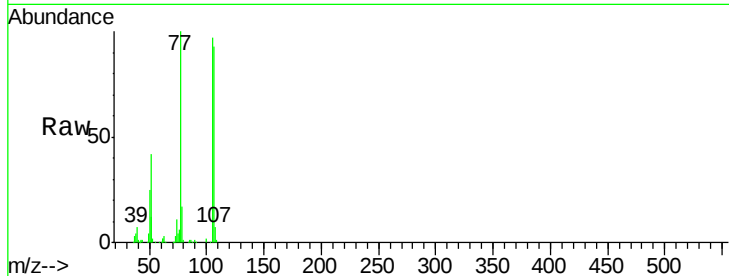
ClientSampleId :

PB126166BS

Tot Ion:	77	Resp:	123740
Ion	Ratio	Lower	Upper
77	100		
105	97.0	80.2	120.2
106	92.6	77.2	117.2

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#10

Phenol

Concen: 47.540 ng

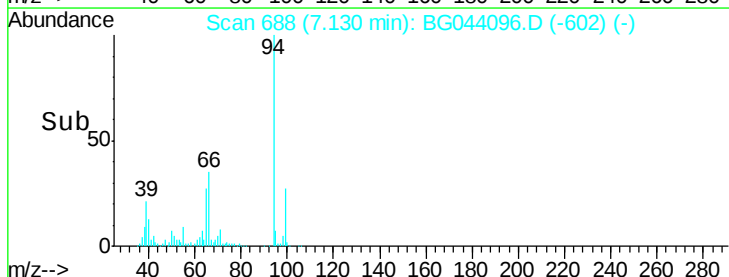
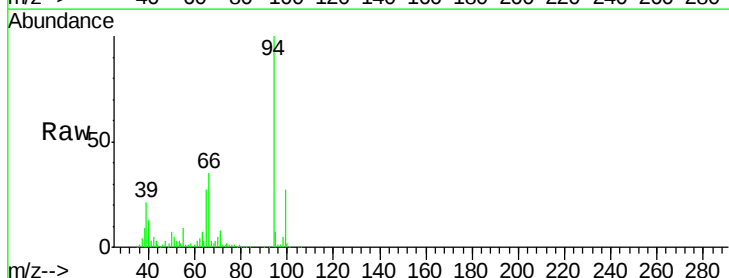
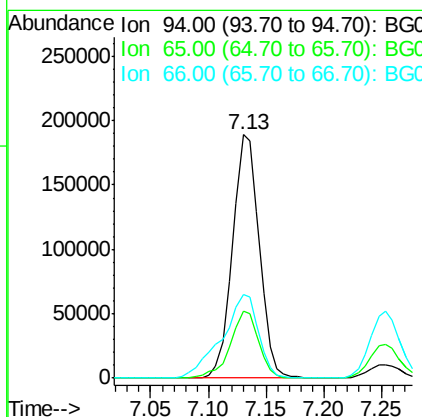
RT: 7.13 min Scan# 688

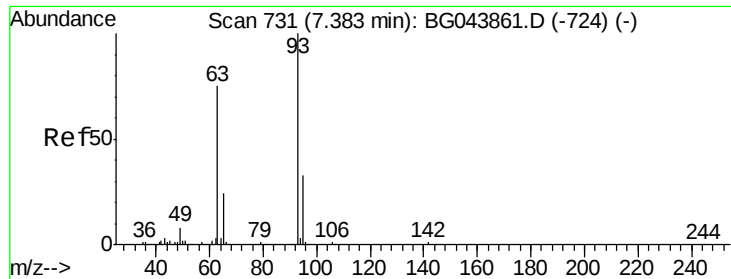
Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	94	Resp:	303273
Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	34.5	15.6	55.6





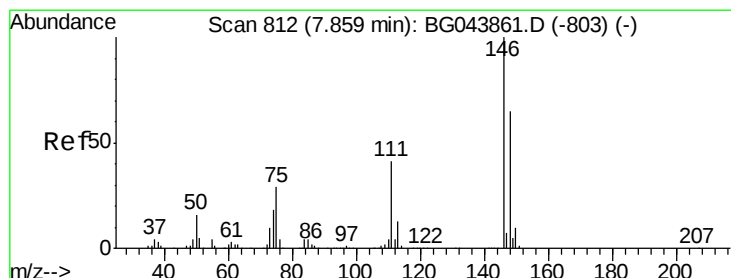
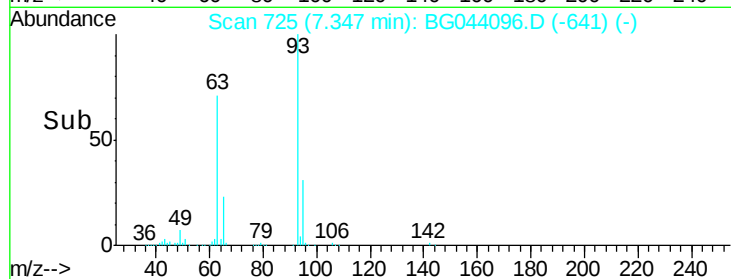
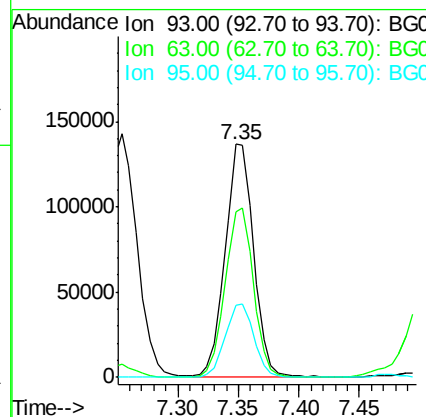
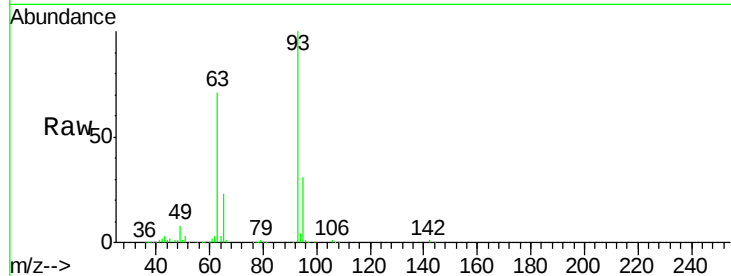
#11
bis(2-Chloroethyl)ether
Concen: 40.321 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	222030		
63	70.9		55.0	95.0
95	31.0		13.3	53.3

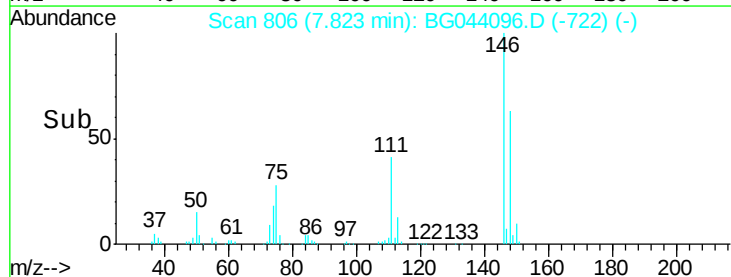
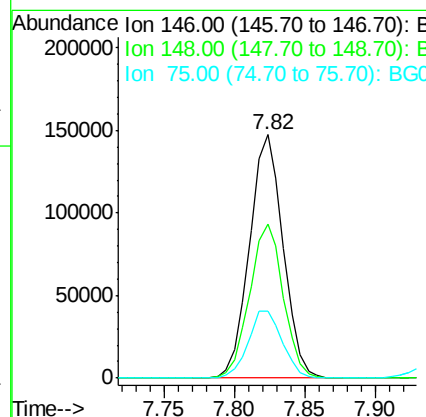
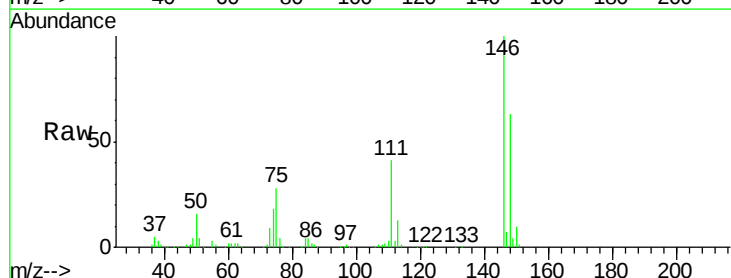
Manual Integrations
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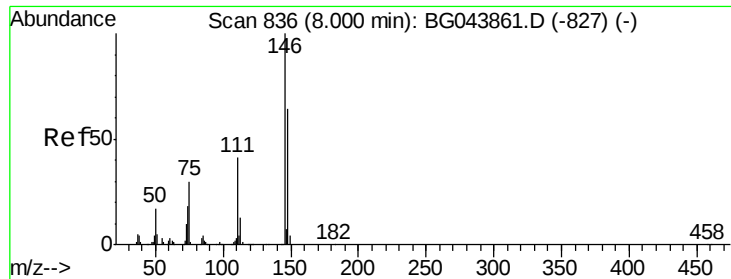
mohammad
1/21/2020 2:25:20 PM



#12
1,3-Dichlorobenzene
Concen: 40.414 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	245927		
148	63.2		52.1	78.1
75	27.7		23.0	34.4





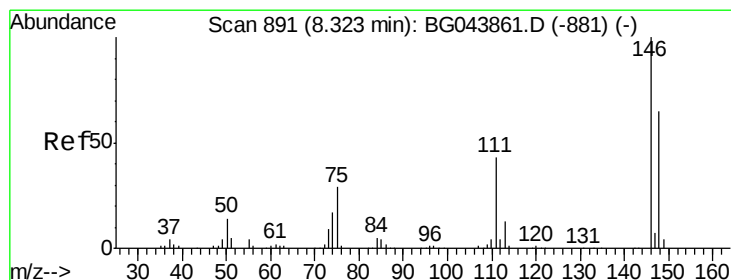
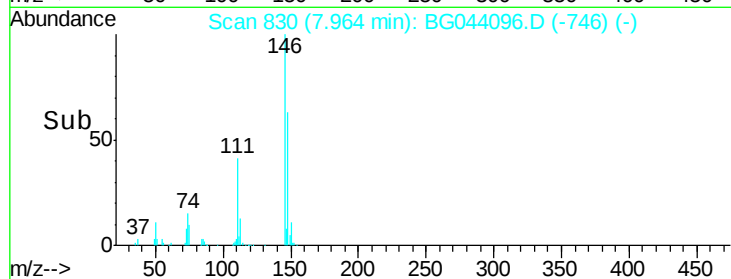
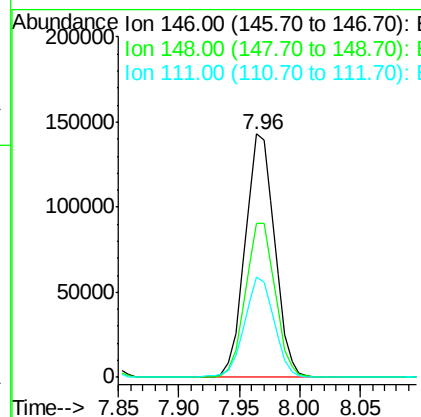
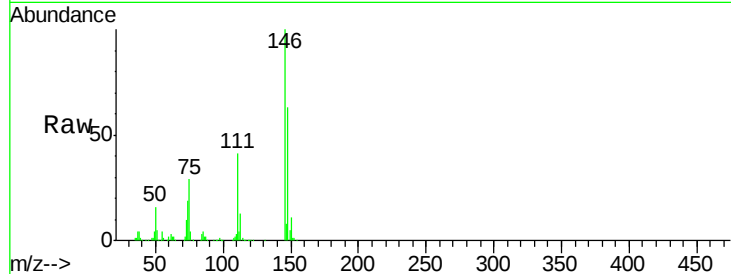
#13
 1,4-Dichlorobenzene
 Concen: 40.675 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	41.1	33.1	49.7

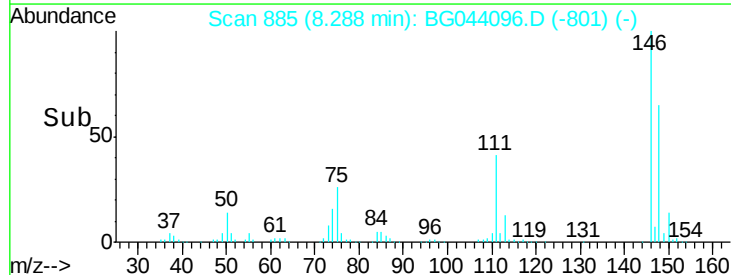
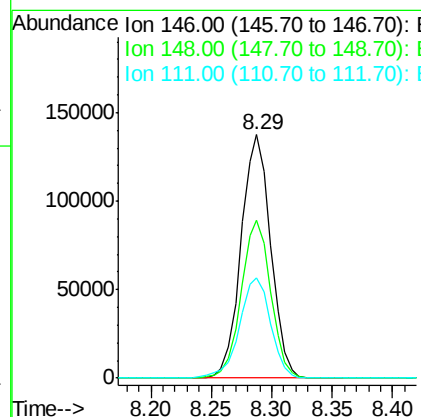
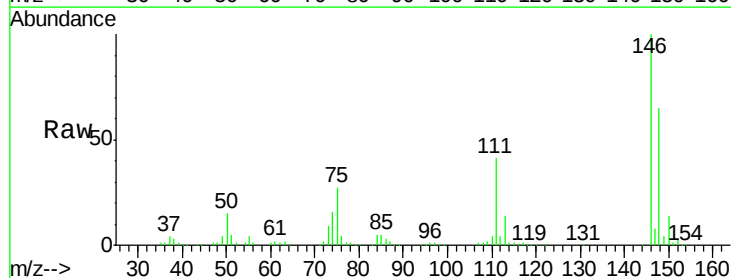
Manual Integrations
 APPROVED

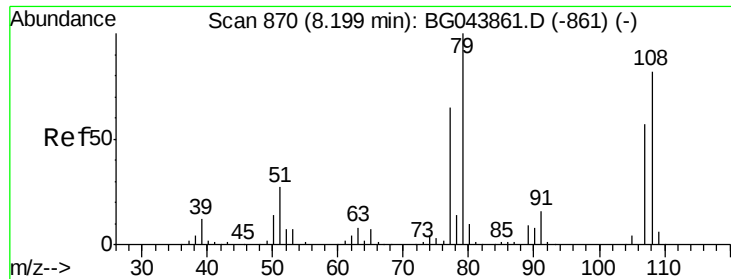
mohammad
 1/21/2020 2:25:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.732 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
111	41.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 41.284 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

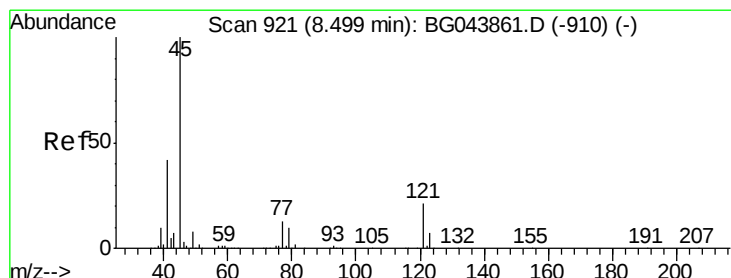
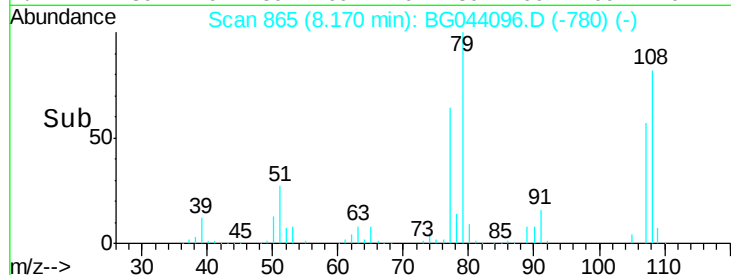
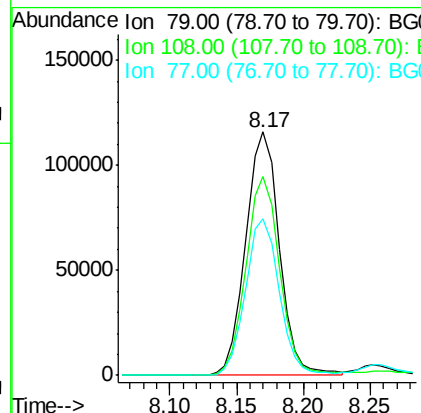
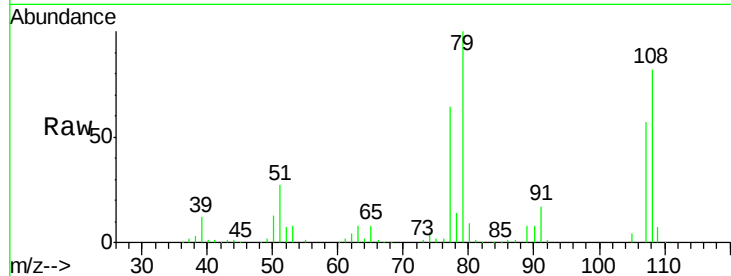
ClientSampleId :

PB126166BS

Tot Ion:	79	Resp:	201737
Ion Ratio	Lower	Upper	
79	100		
108	81.6	65.6	98.4
77	64.1	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.999 ng

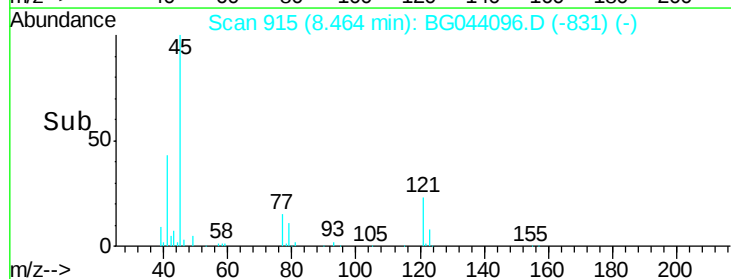
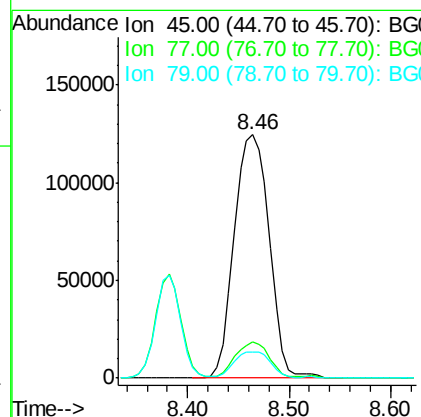
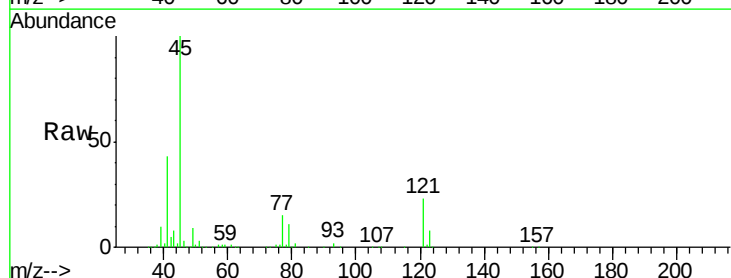
RT: 8.46 min Scan# 915

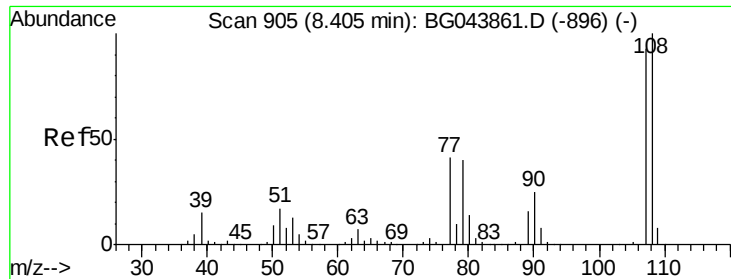
Delta R.T. -0.04 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	45	Resp:	298164
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.8
79	10.9	0.0	31.0





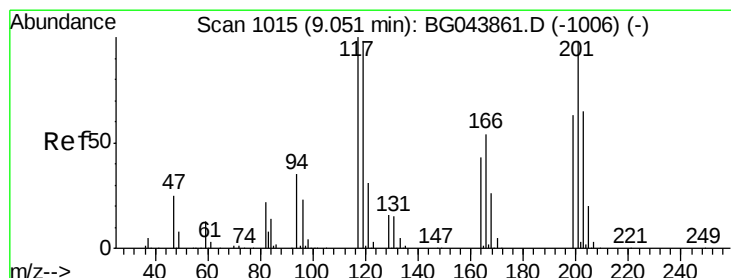
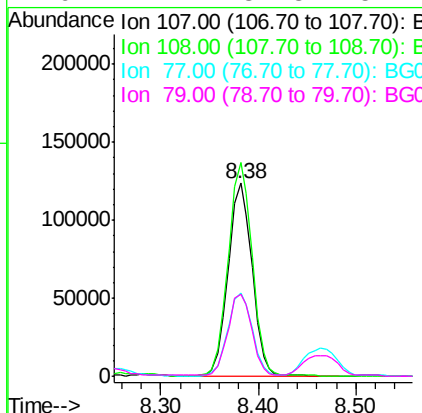
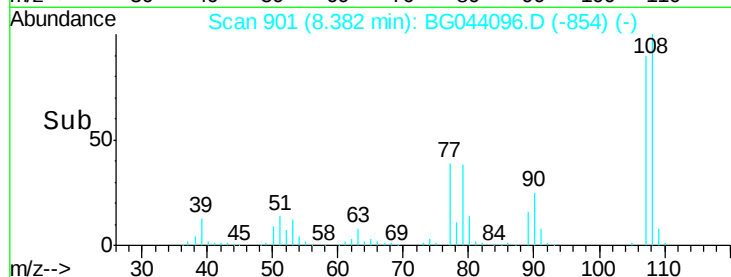
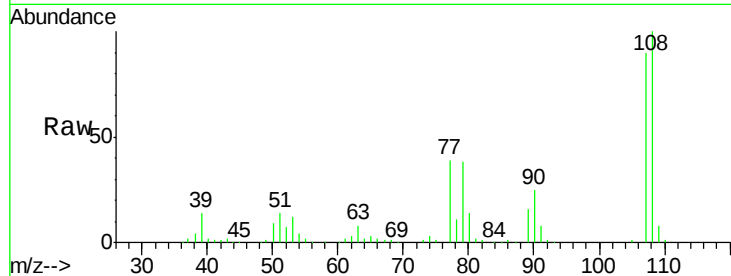
#17
2-Methylphenol
Concen: 45.585 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	86.1	129.1	
77	42.8	35.4	53.0	
79	42.4	34.8	52.2	

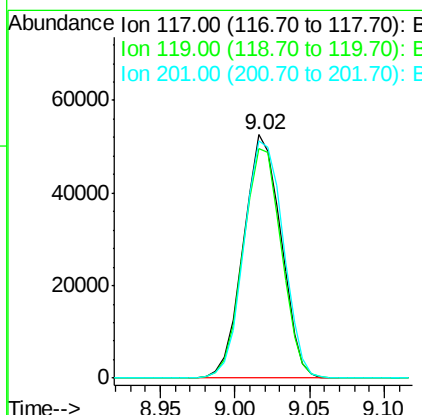
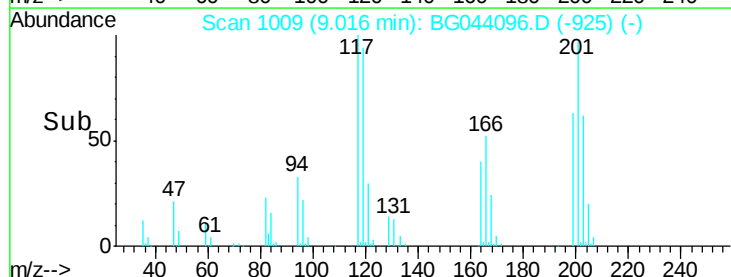
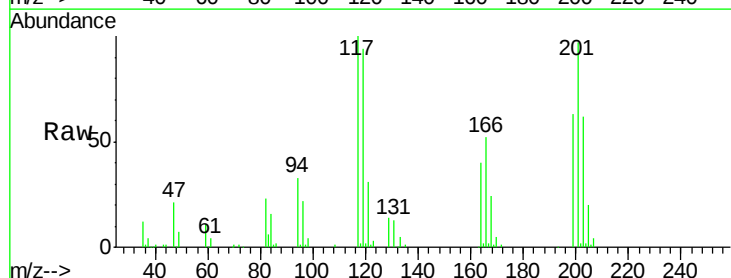
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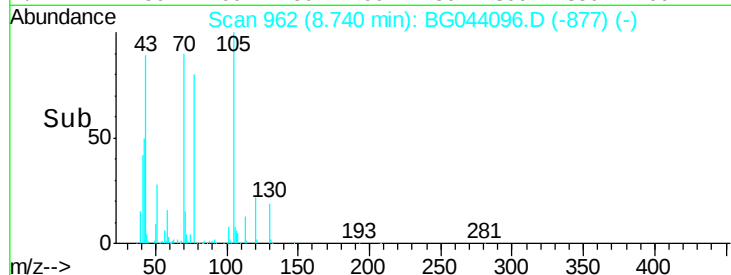
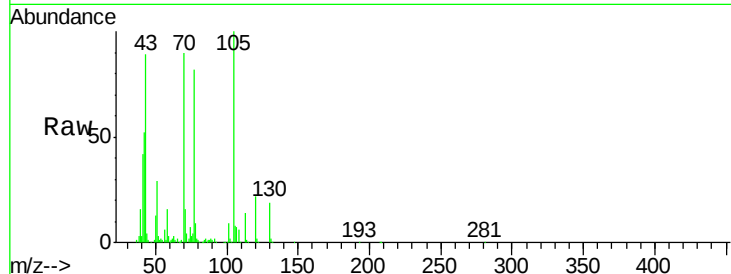
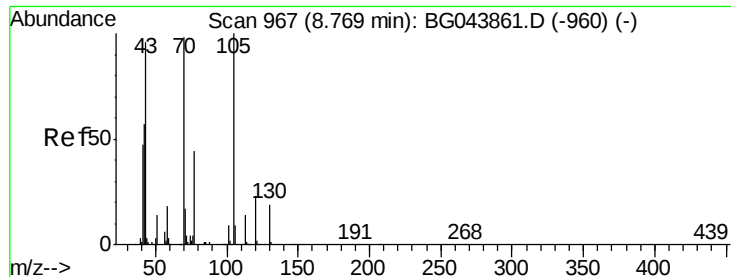
mohammad
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#18
Hexachloroethane
Concen: 39.207 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	78.1	117.1	
201	97.4	78.6	117.8	





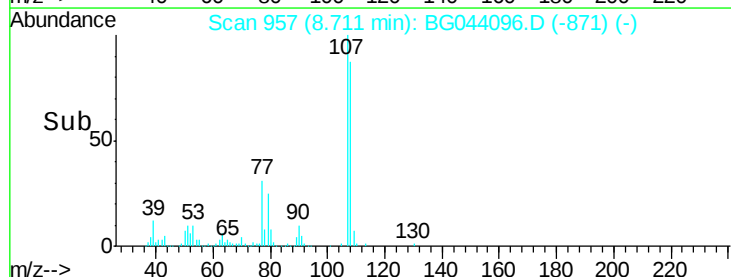
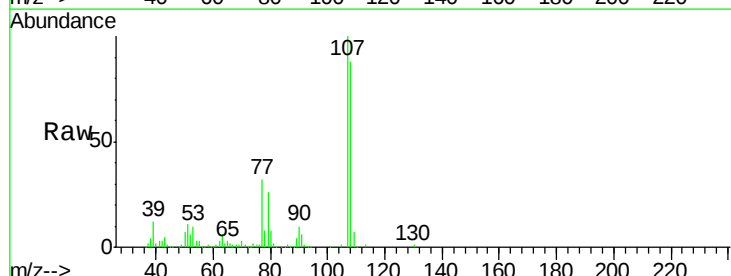
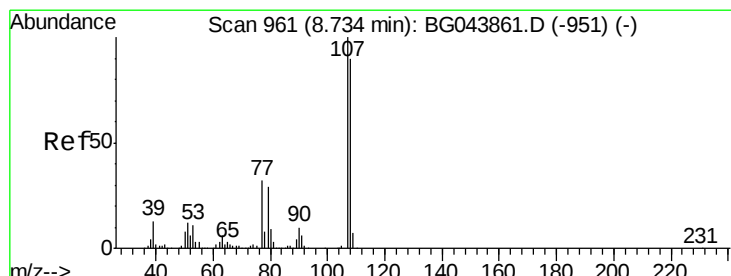
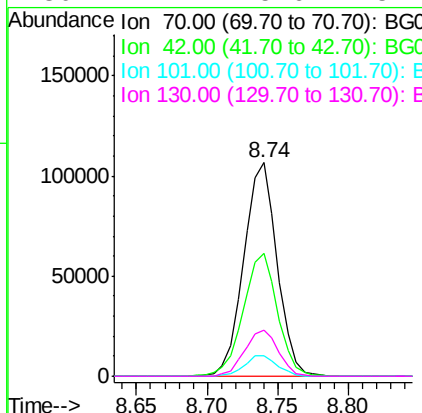
#19
n-Nitroso-di-n-propylamine
Concen: 38.154 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	47.0	70.4	
101	9.5	7.2	10.8	
130	21.4	15.6	23.4	

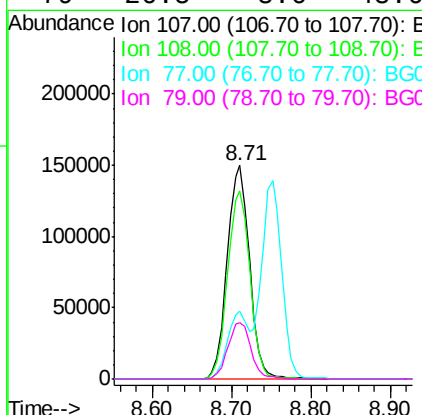
Manual Integrations
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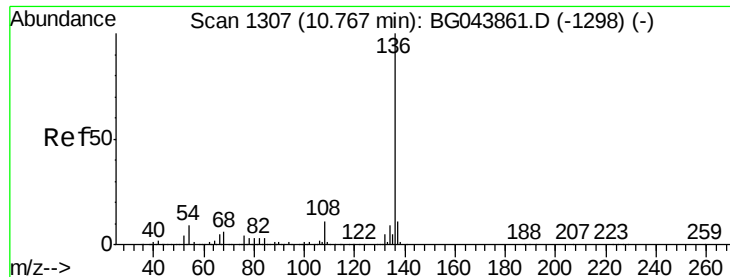
mohammad
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#20
3+4-Methylphenols
Concen: 45.311 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	70.3	110.3	
77	31.9	12.4	52.4	
79	26.5	8.6	48.6	





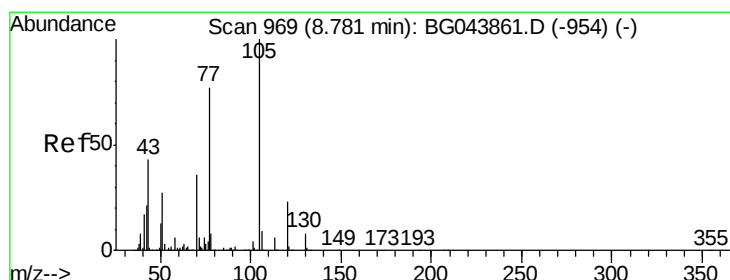
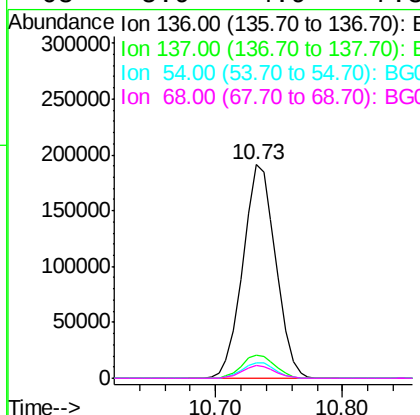
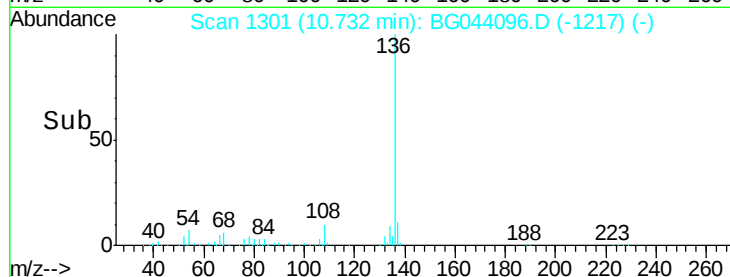
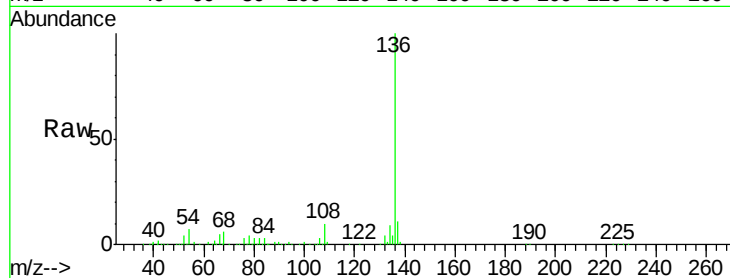
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.8	13.2	
54	7.4	7.0	10.4	
68	5.9	4.9	7.3	

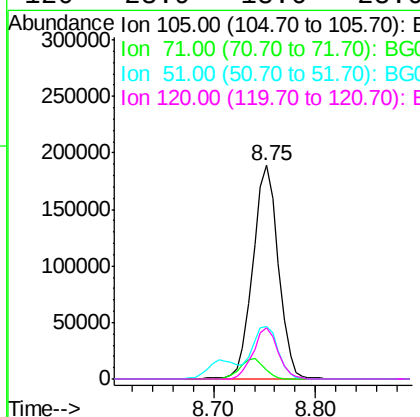
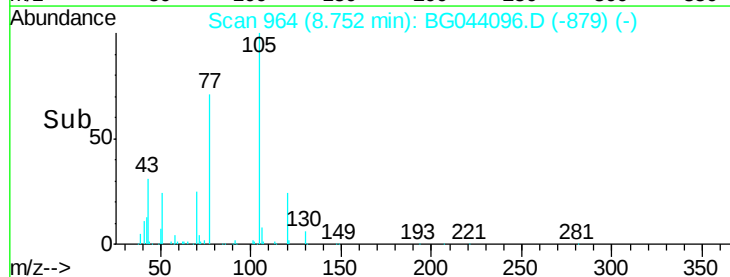
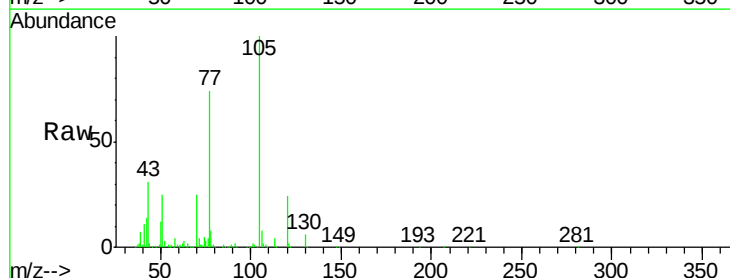
Manual Integrations
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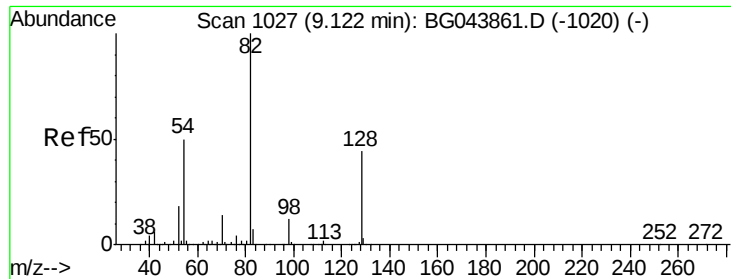
mohammad
1/21/2020 2:25:20 PM



#22
Acetophenone
Concen: 38.658 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	4.8	7.2#	
51	24.5	21.4	32.0	
120	23.9	18.6	28.0	





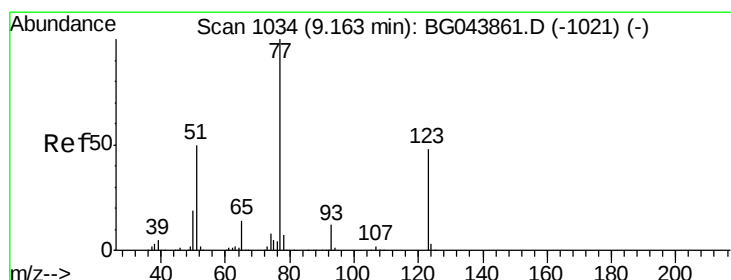
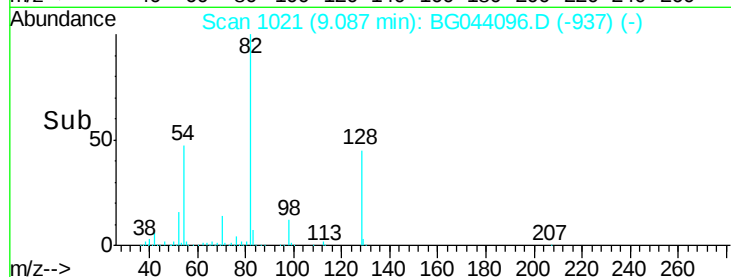
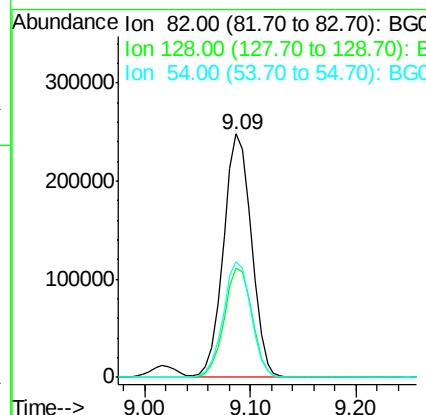
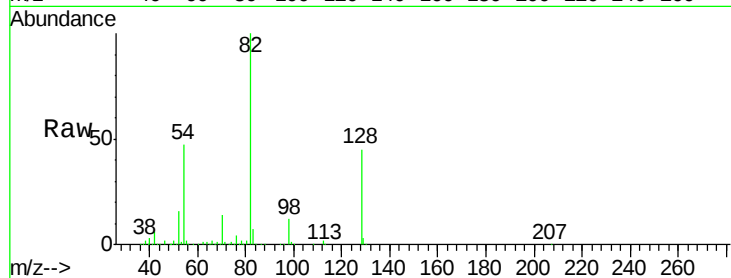
#23
Nitrobenzene-d5
Concen: 71.111 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	47.2	40.1	60.1

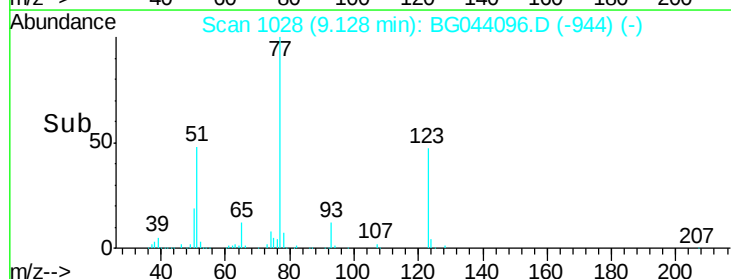
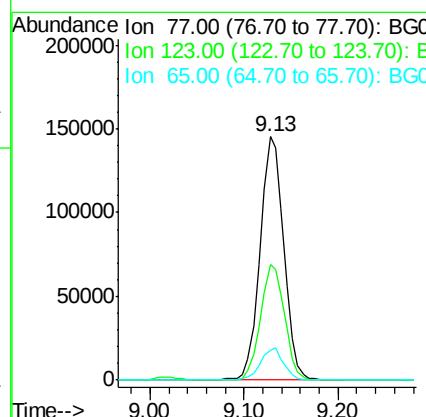
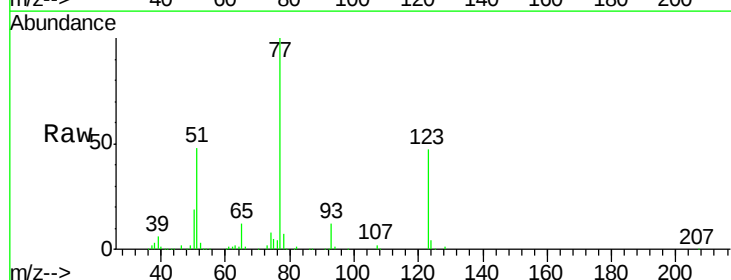
Manual Integrations
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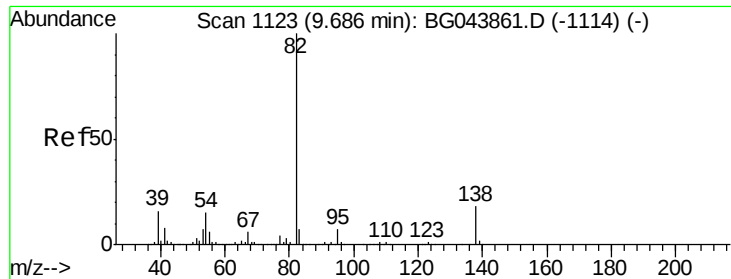
mohammad
1/21/2020 2:25:20 PM



#24
Nitrobenzene
Concen: 39.758 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	38.7	58.1
65	12.4	11.1	16.7





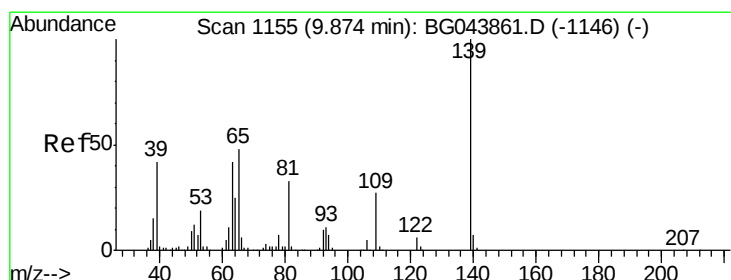
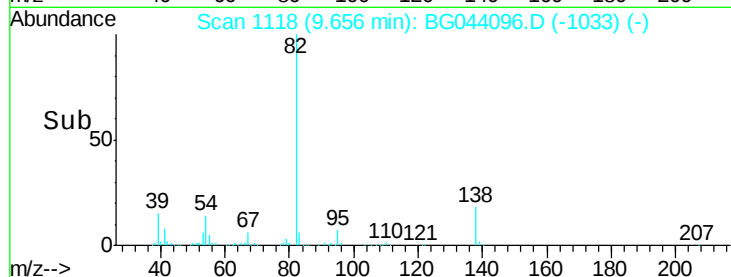
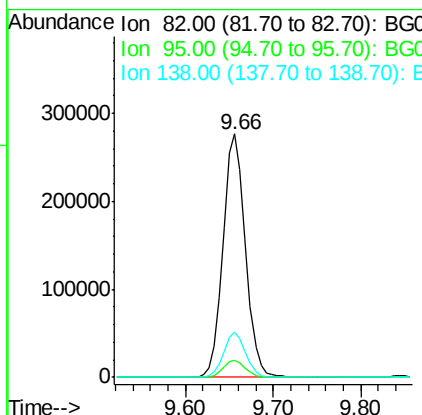
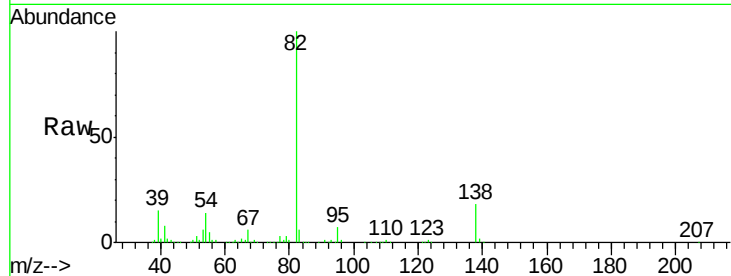
#25
Isophorone
Concen: 40.460 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	82	Resp	487018
Ion Ratio	100	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.4	14.6	22.0

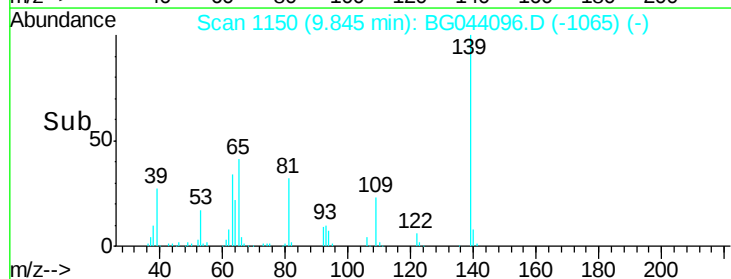
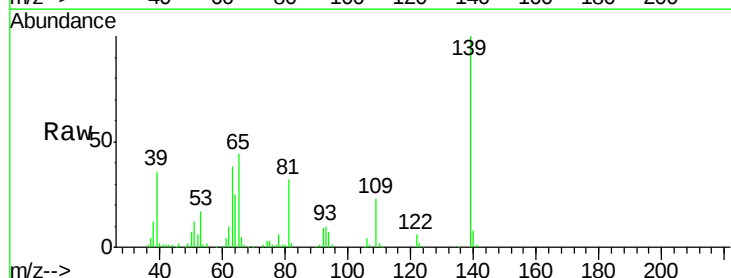
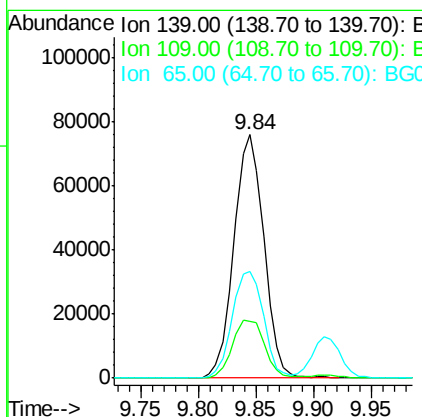
Manual Integrations
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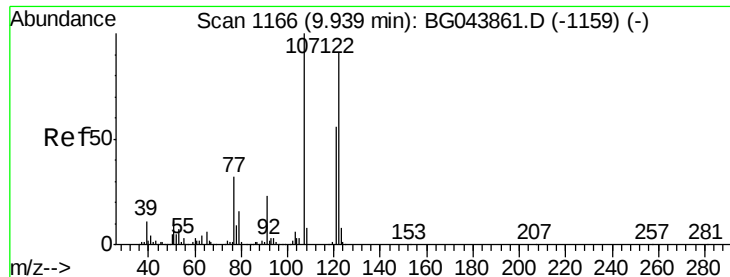
mohammad
1/21/2020 2:25:20 PM



#26
2-Nitrophenol
Concen: 45.483 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	139	Resp	136741
Ion Ratio	100	Lower	Upper
139	100		
109	23.5	21.3	31.9
65	43.7	38.6	57.8





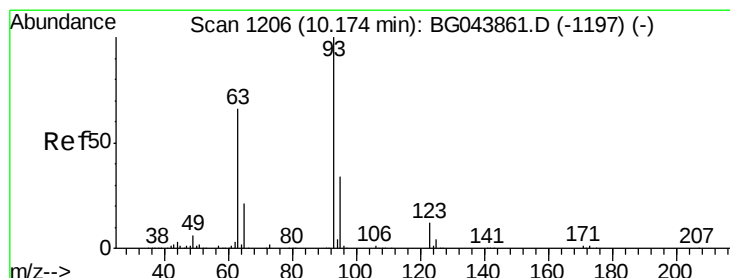
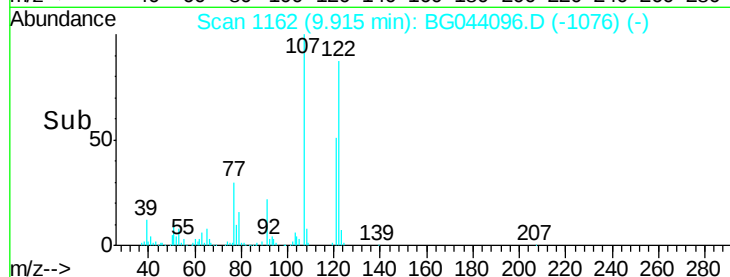
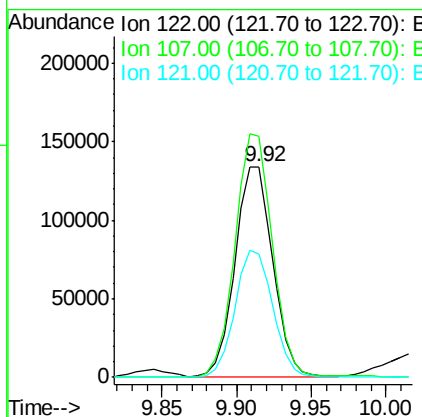
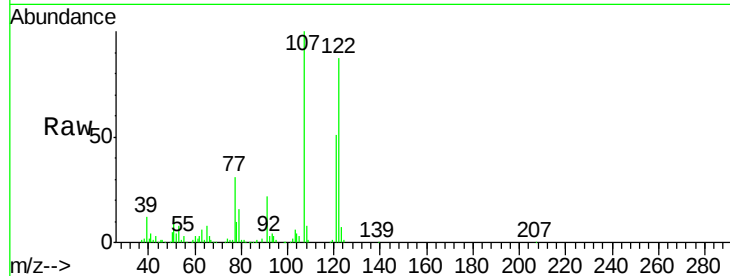
#27
 2,4-Dimethylphenol
 Concen: 51.827 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	234547		
107	114.7	88.0	132.0	
121	58.6	49.0	73.4	

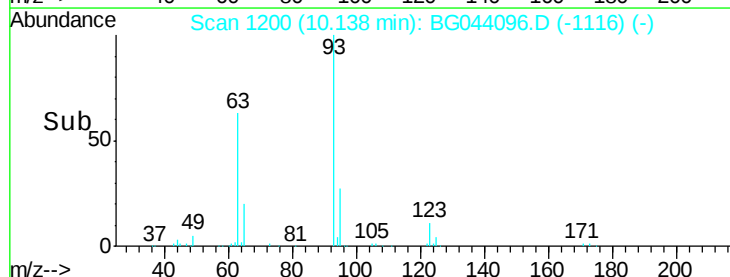
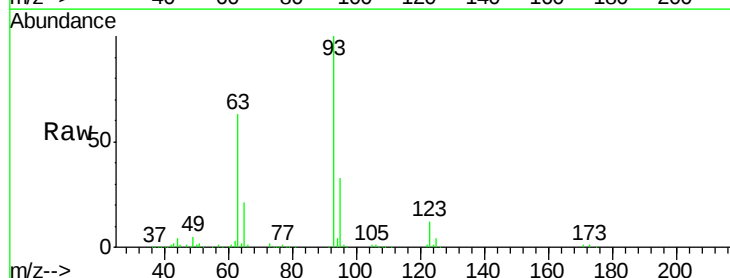
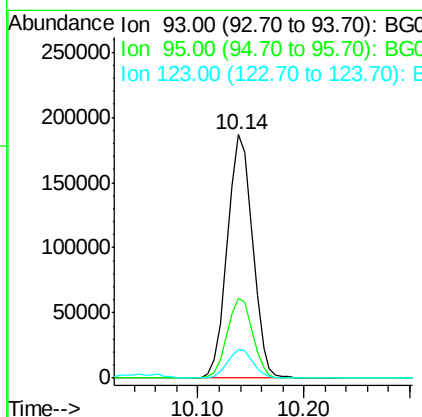
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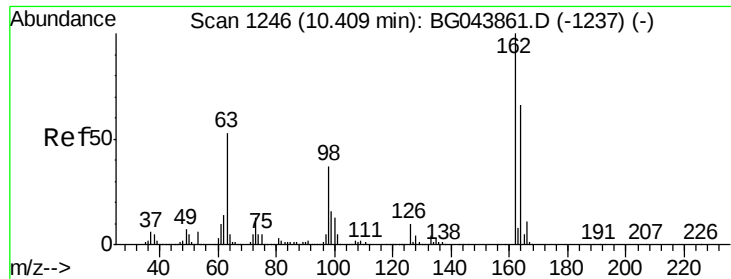
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.406 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	308205		
95	32.8	27.2	40.8	
123	11.9	9.7	14.5	





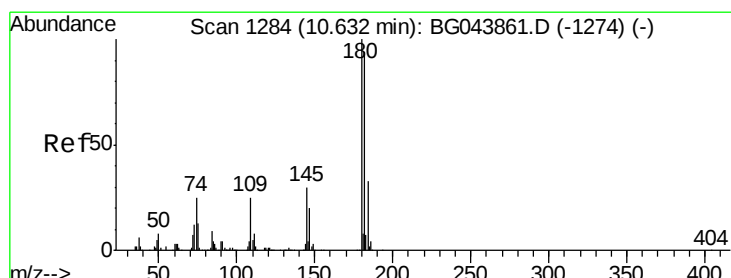
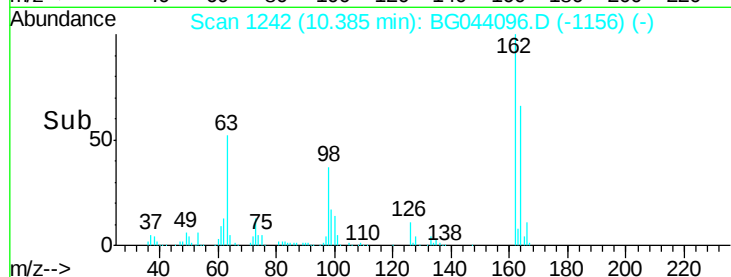
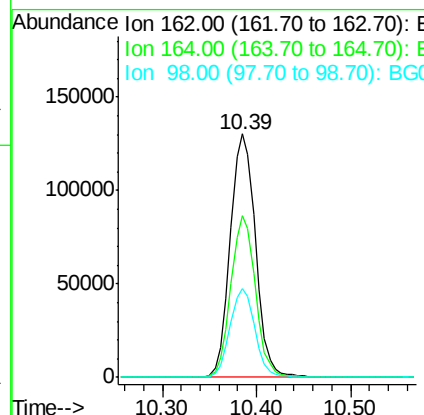
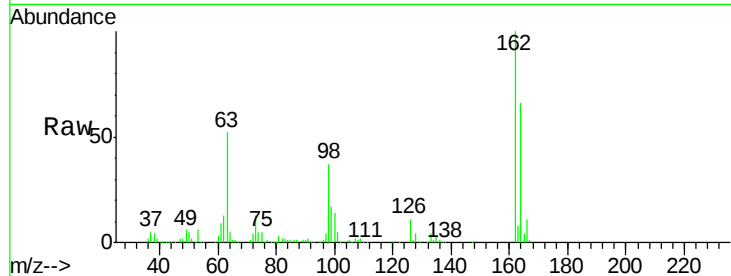
#29
2,4-Dichlorophenol
Concen: 45.031 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	243089		
164	66.4	46.3	86.3	
98	36.6	17.3	57.3	

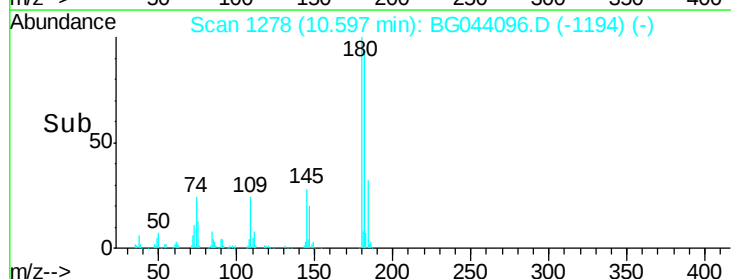
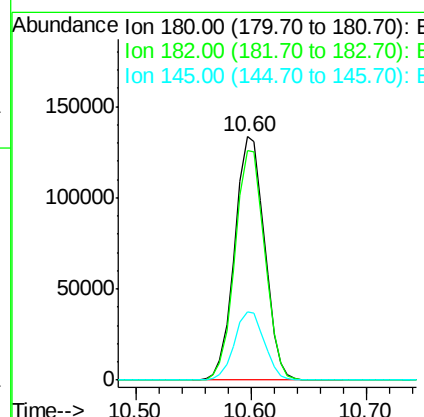
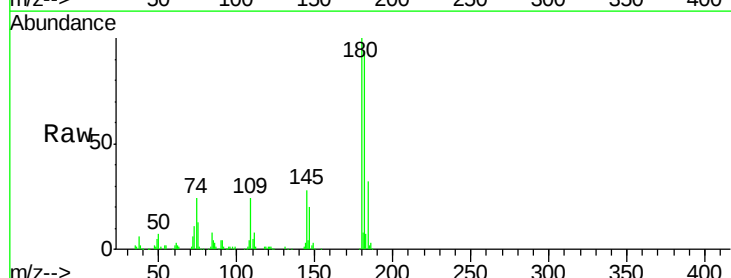
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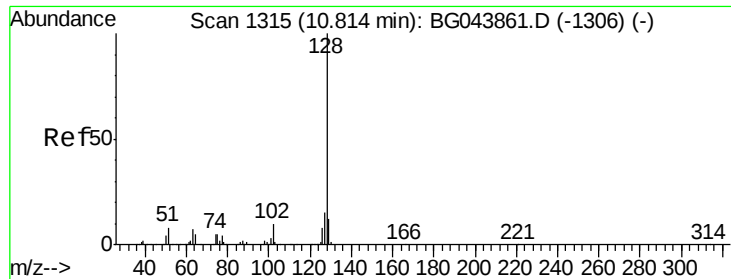
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#30
1,2,4-Trichlorobenzene
Concen: 39.475 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238932		
182	94.3	75.0	112.4	
145	28.2	24.2	36.4	





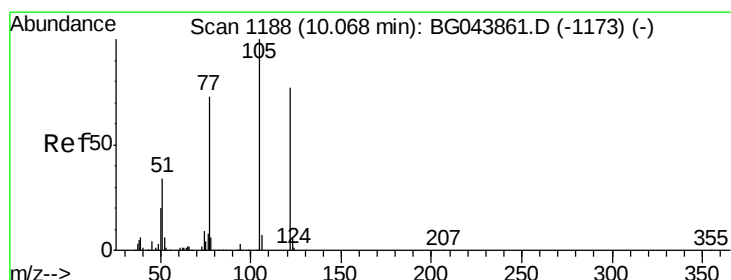
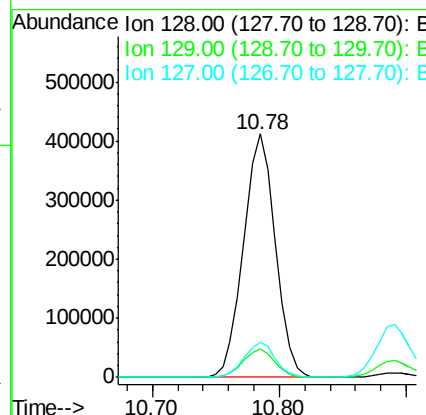
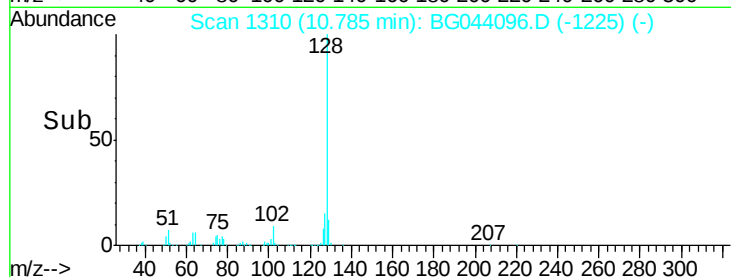
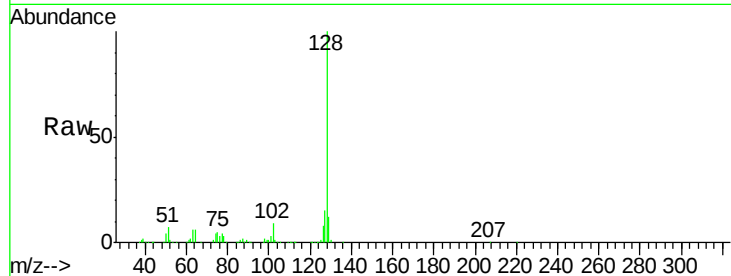
#31
Naphthalene
Concen: 43.122 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampled :
PB126166BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.6	12.0	18.0

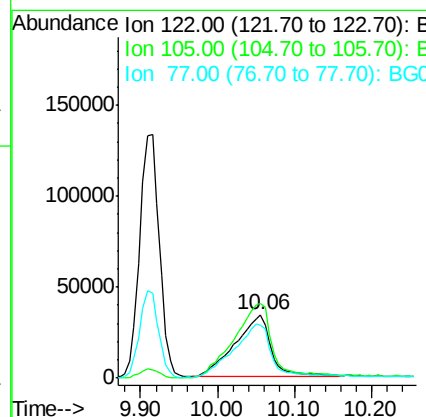
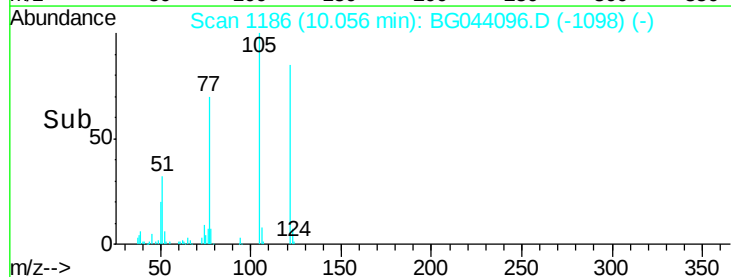
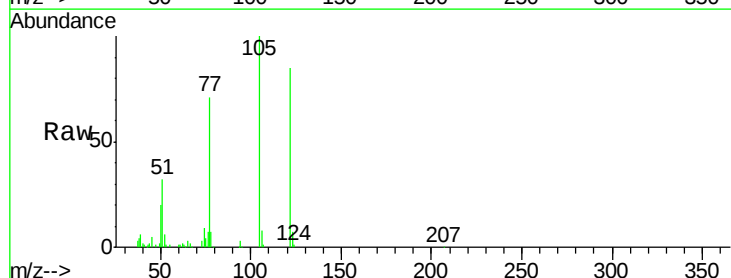
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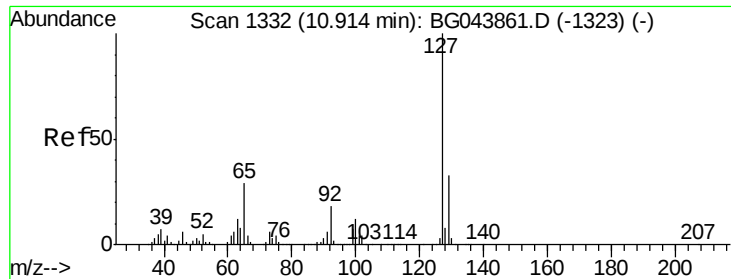
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#32
Benzoic acid
Concen: 32.646 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	106.4	146.4
77	83.6	74.6	114.6





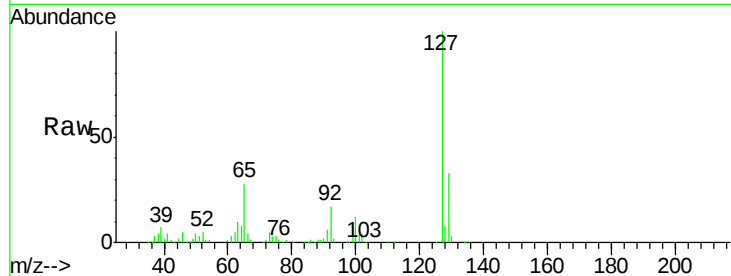
#33
4-Chloroaniline
Concen: 21.904 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

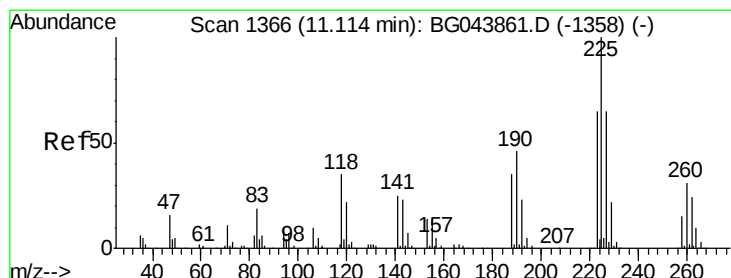
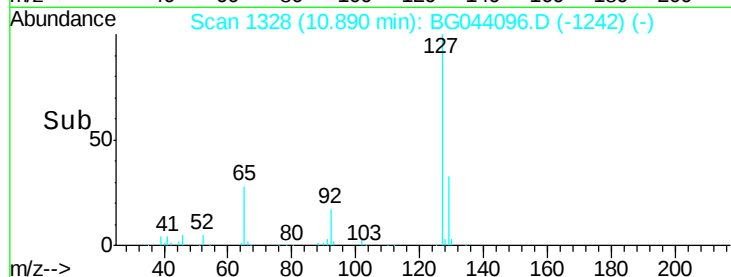
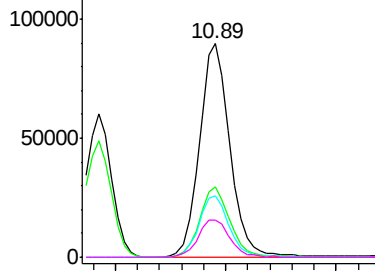
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	40.0
65	28.5	23.3	34.9
92	17.3	14.7	22.1

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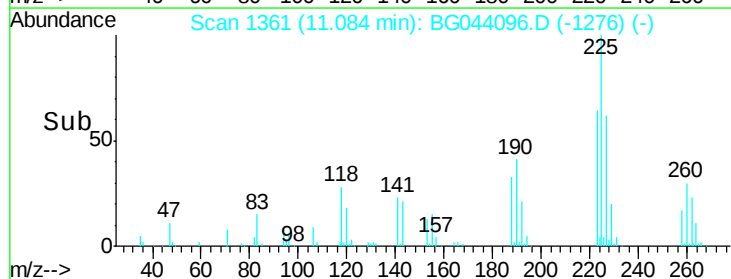
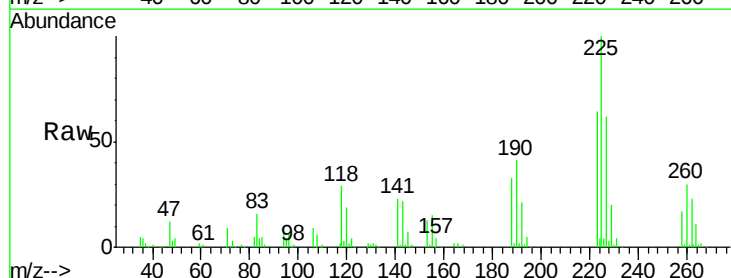
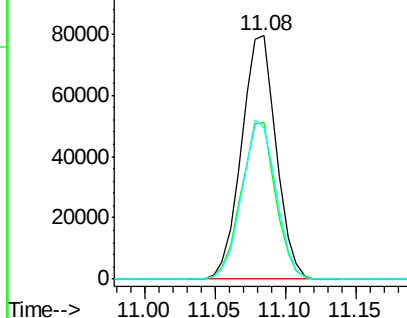
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

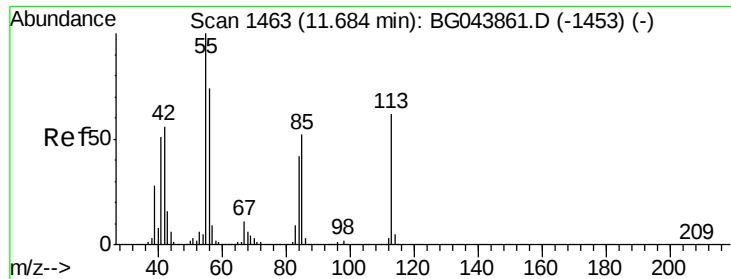


#34
Hexachlorobutadiene
Concen: 36.924 ng
RT: 11.08 min Scan# 1361
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.2	78.4
227	62.5	52.1	78.1

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.293 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

ClientSampleID :

PB126166BS

Tot Ion:113 Resp: 89012

Ion Ratio Lower Upper

113 100

55 157.0 142.5 182.5

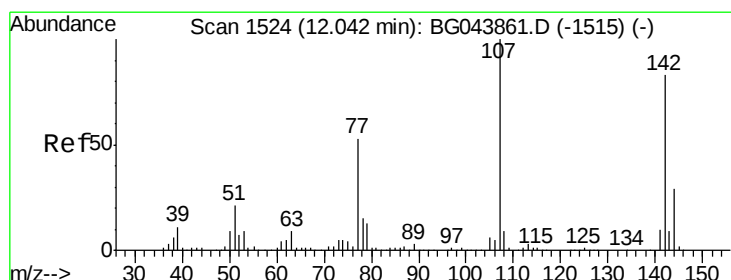
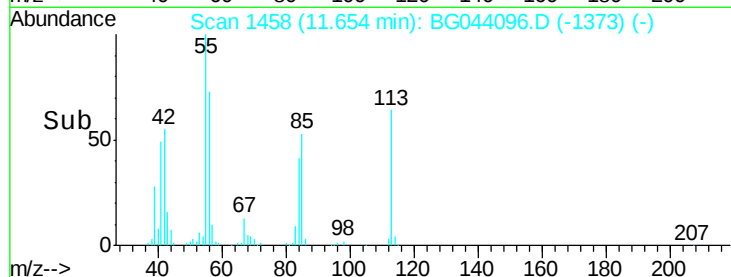
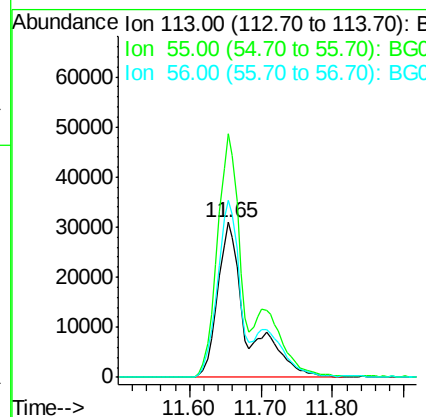
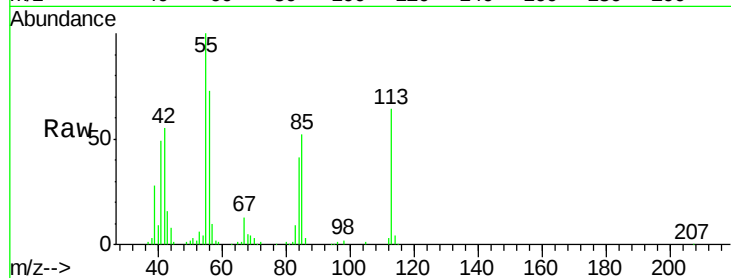
56 114.5 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 45.415 ng/mL

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

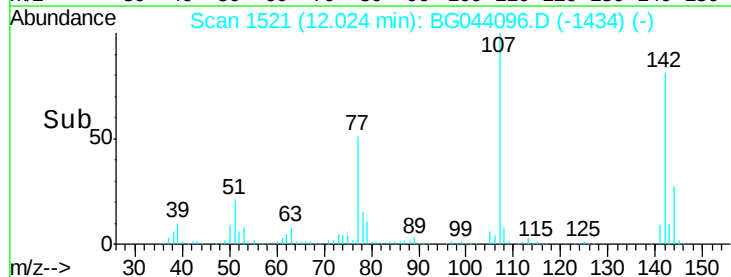
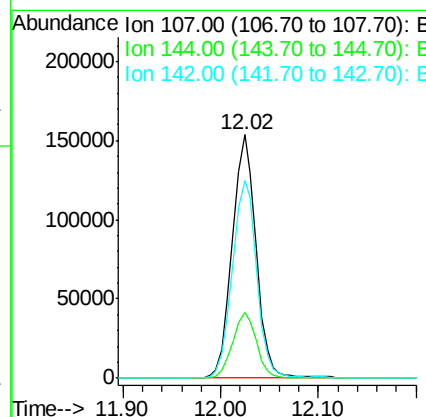
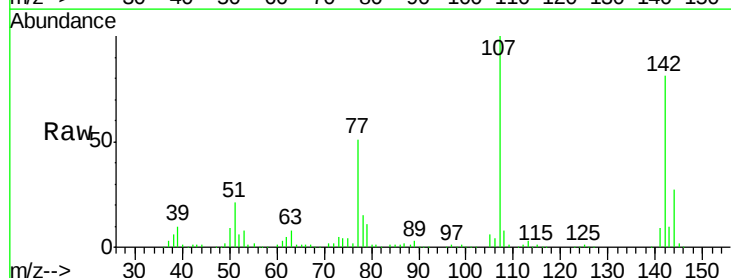
Tgt Ion:107 Resp: 260989

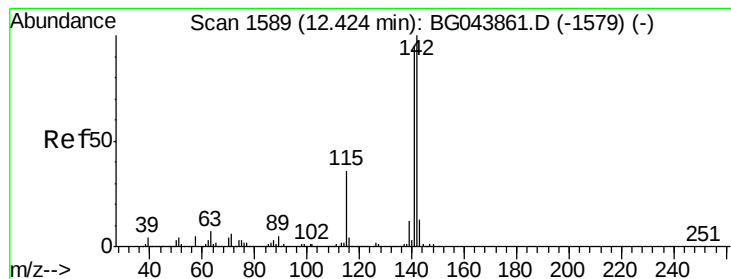
Ion Ratio Lower Upper

107 100

144 26.8 23.4 35.2

142 80.9 66.3 99.5





#37

2-Methylnaphthalene

Concen: 42.970 ng

RT: 12.39 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

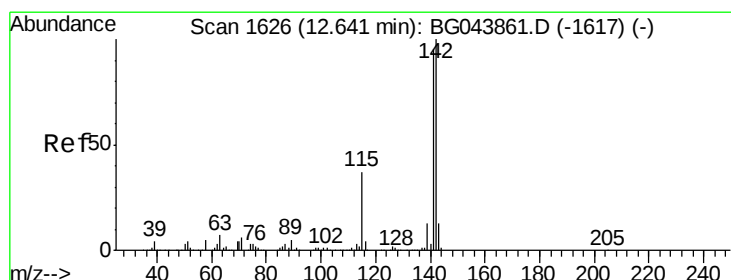
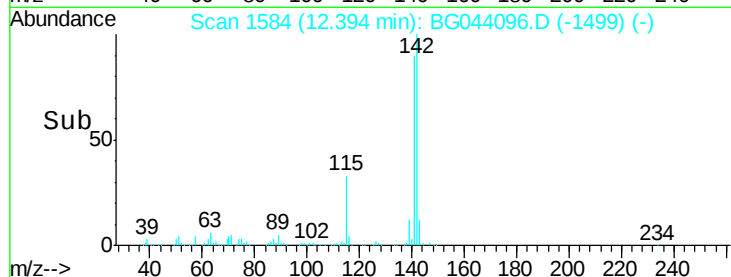
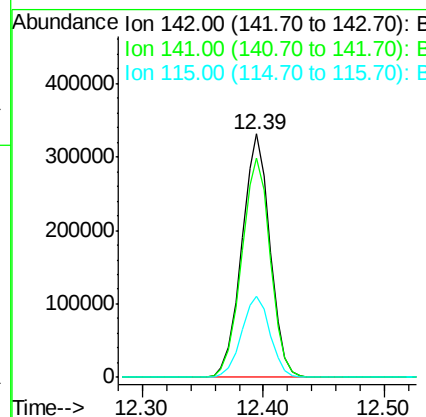
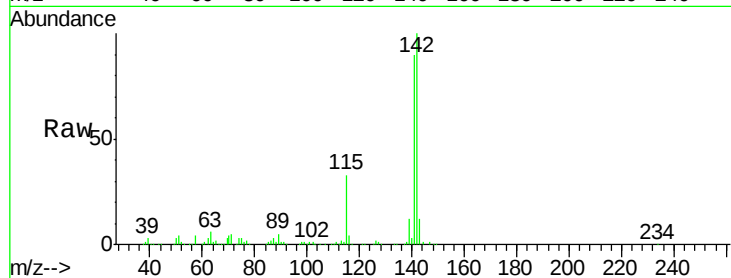
ClientSampleId :

PB126166BS

Tot Ion:	142	Resp:	537325
Ion Ratio	Lower	Upper	
142	100		
141	90.3	75.8	113.8
115	33.4	28.6	42.8

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#38

1-Methylnaphthalene

Concen: 43.376 ng

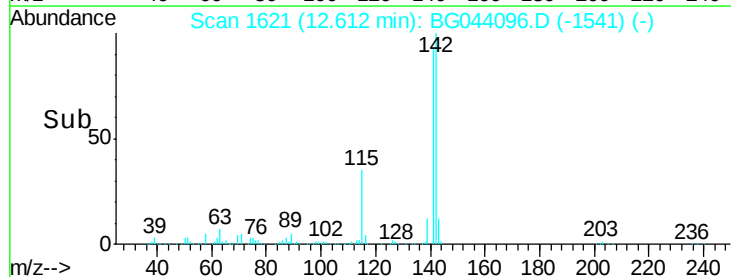
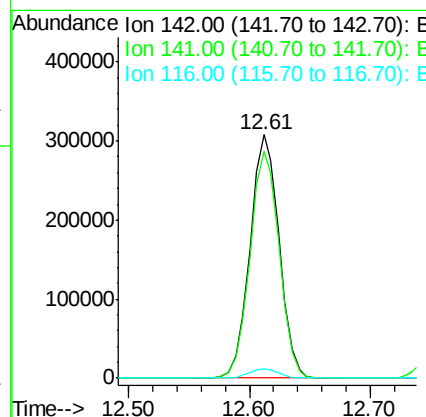
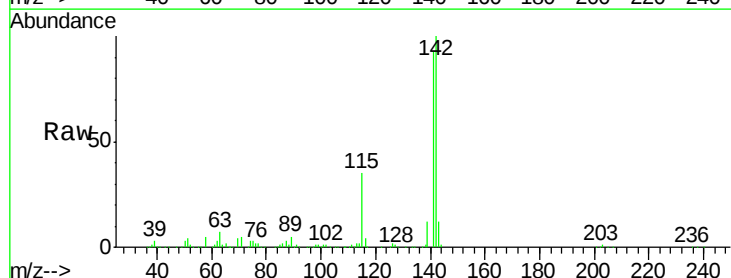
RT: 12.61 min Scan# 1621

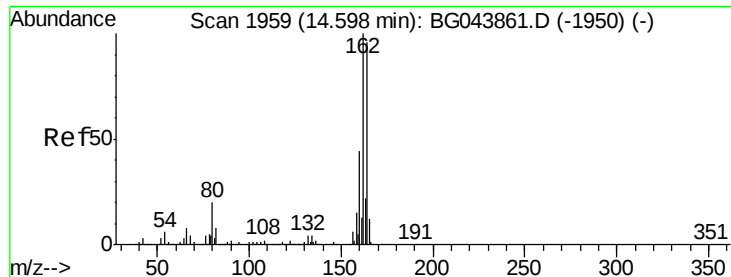
Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	142	Resp:	514072
Ion Ratio	Lower	Upper	
142	100		
141	93.4	76.0	114.0
116	3.9	3.1	4.7





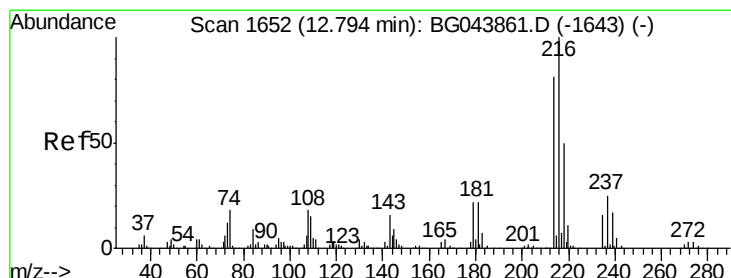
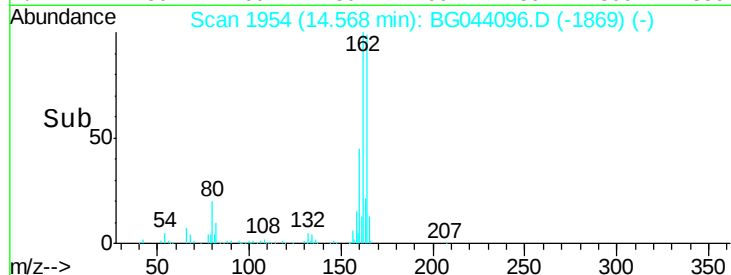
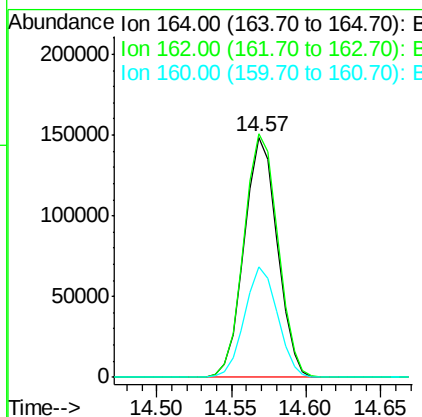
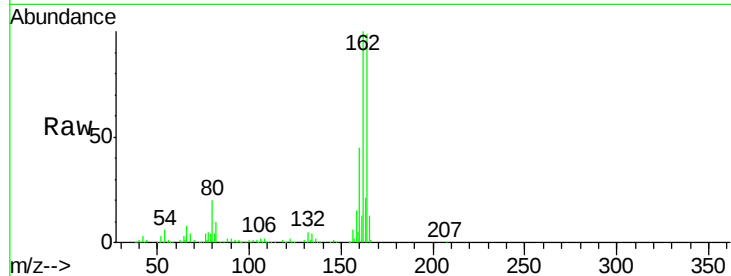
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.0	124.4
160	46.0	36.1	54.1

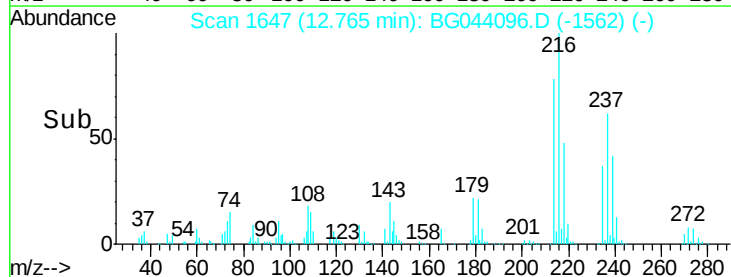
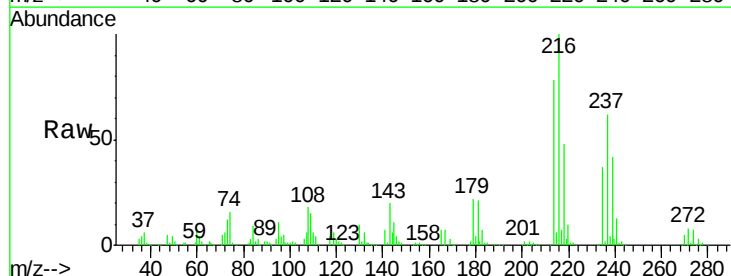
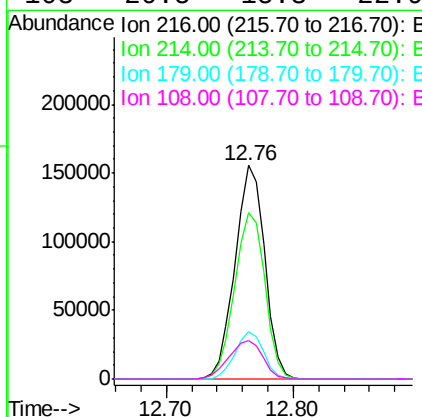
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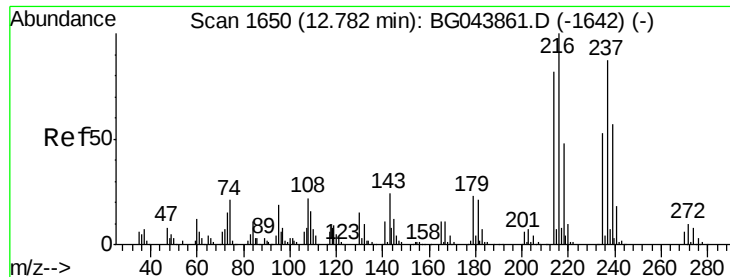
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.662 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	21.1	17.3	25.9
108	20.5	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 97.938 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

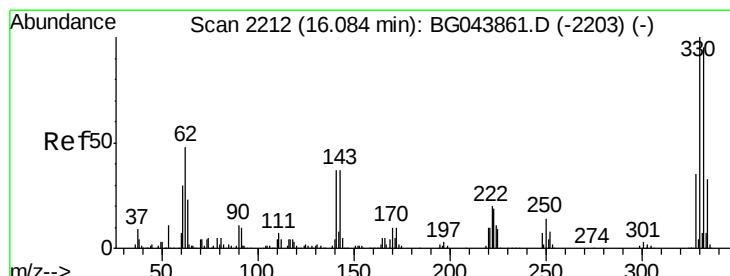
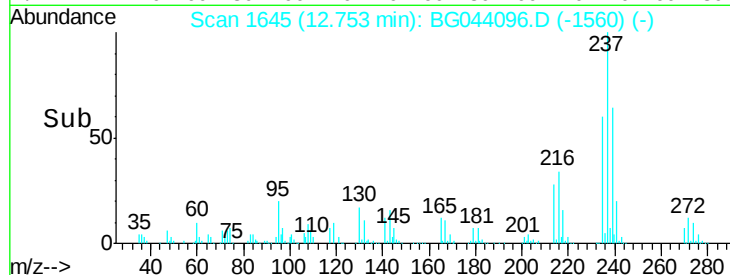
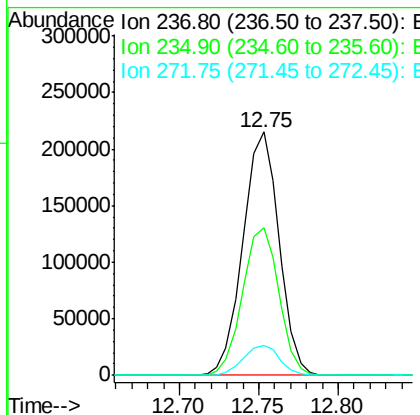
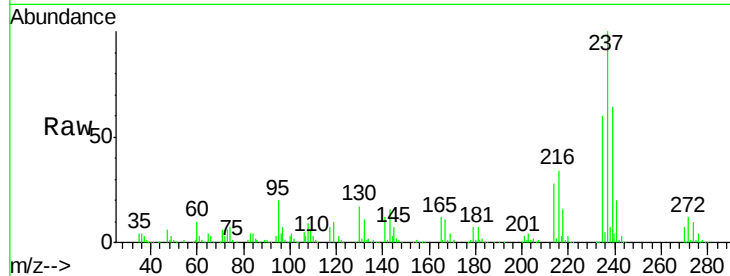
ClientSampleId :

PB126166BS

Tot Ion:	237	Resp:	339470
Ion Ratio	Lower	Upper	
237	100		
235	60.5	41.1	81.1
272	12.2	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 138.915 ng

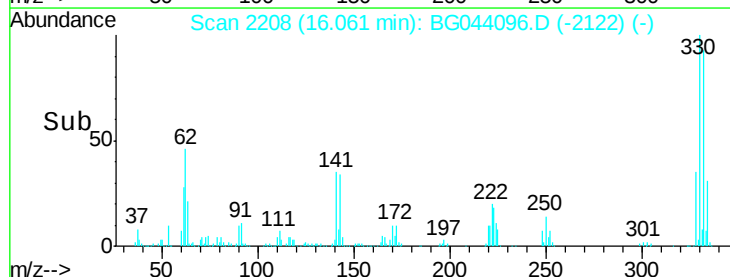
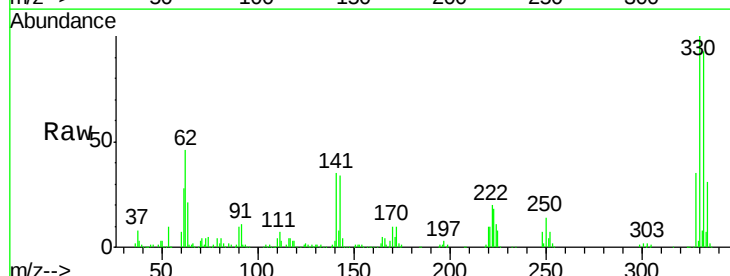
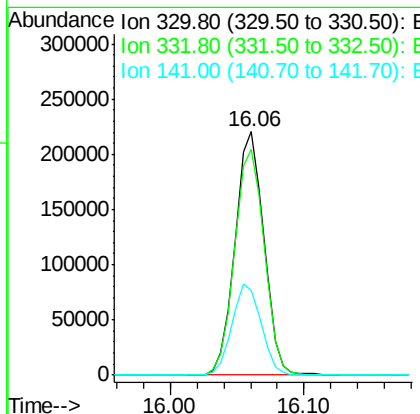
RT: 16.06 min Scan# 2208

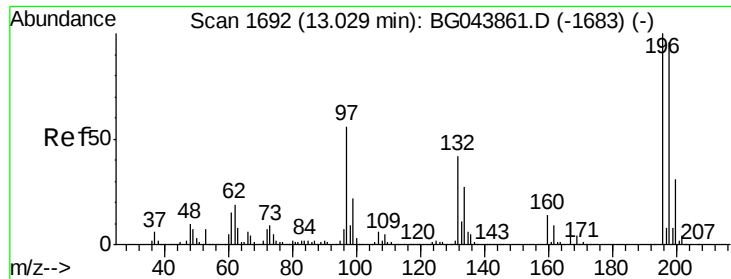
Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	330	Resp:	331603
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	38.2	33.1	49.7





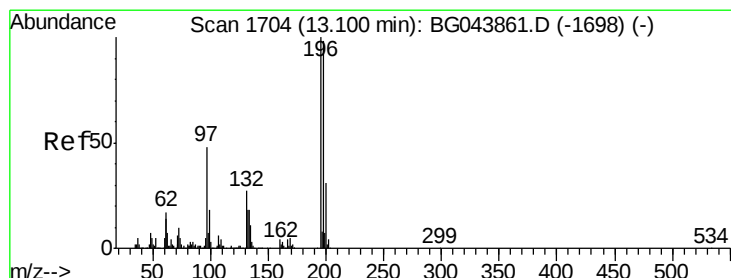
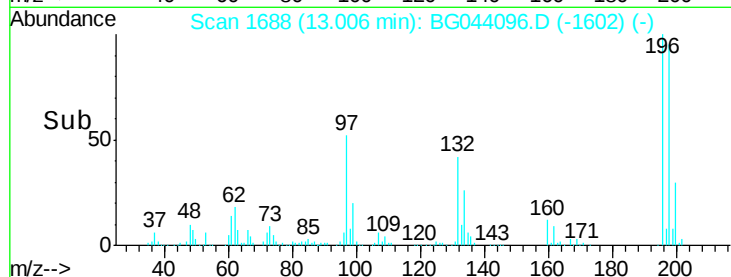
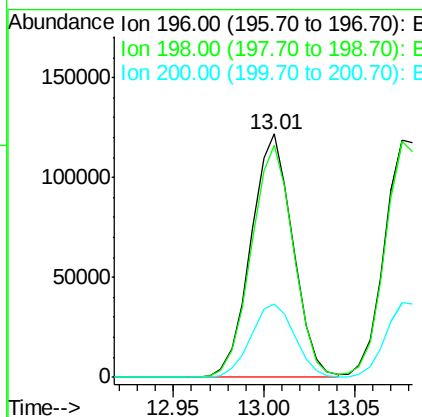
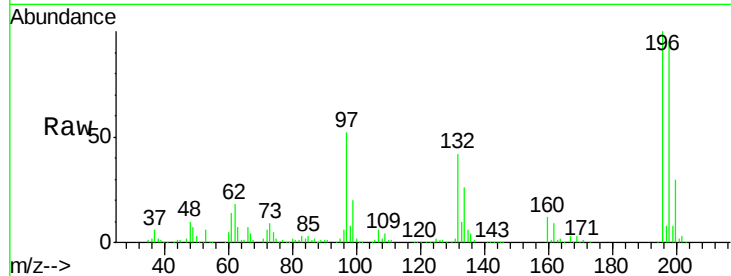
#43
 2,4,6-Trichlorophenol
 Concen: 42.470 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195379		
198	95.2	76.6	115.0	
200	30.0	24.6	37.0	

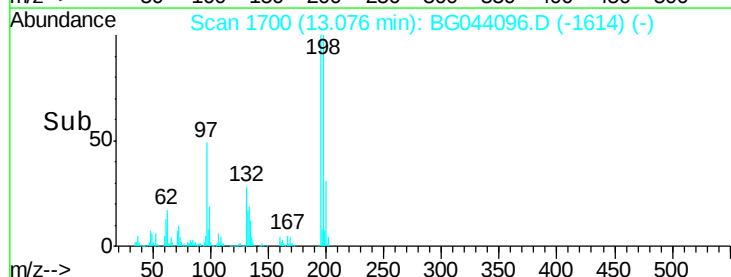
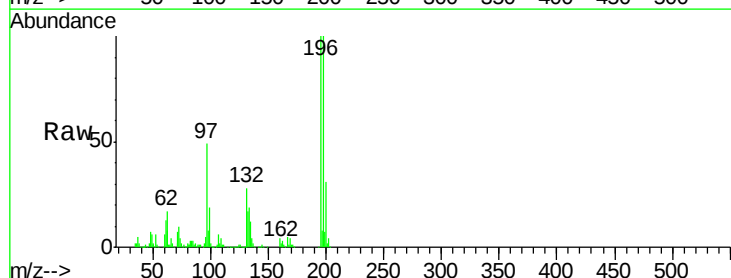
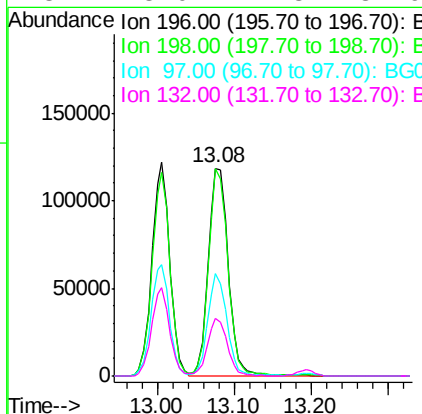
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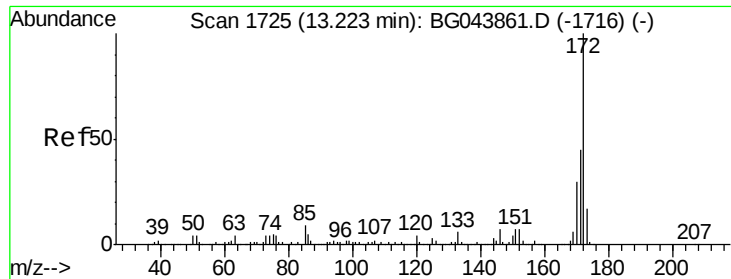
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.227 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209845		
198	99.9	78.3	117.5	
97	49.0	38.8	58.2	
132	28.0	21.3	31.9	





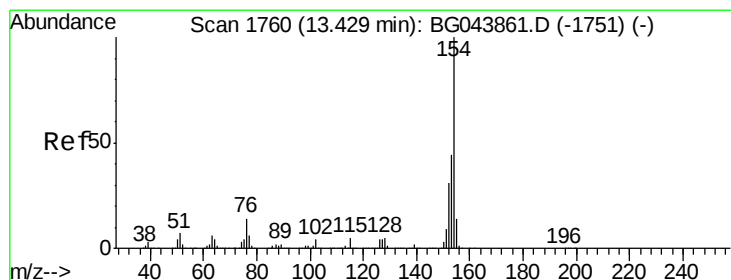
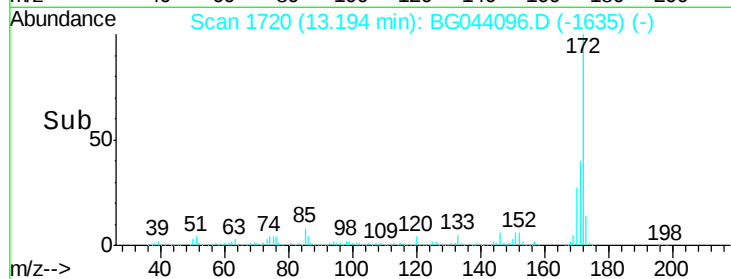
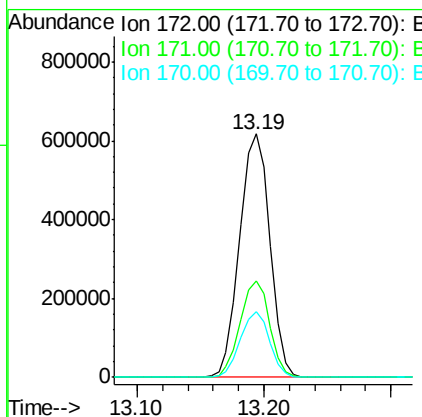
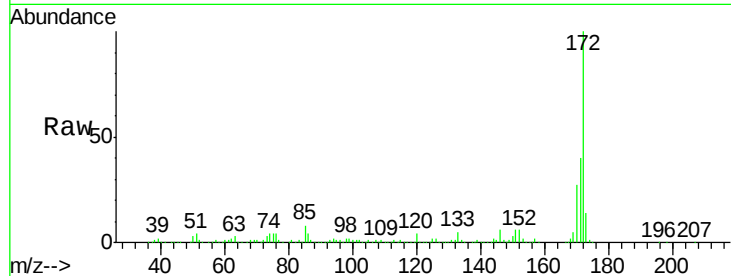
#45
2-Fluorobiphenyl
Concen: 81.131 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.8	53.8
170	26.8	24.2	36.4

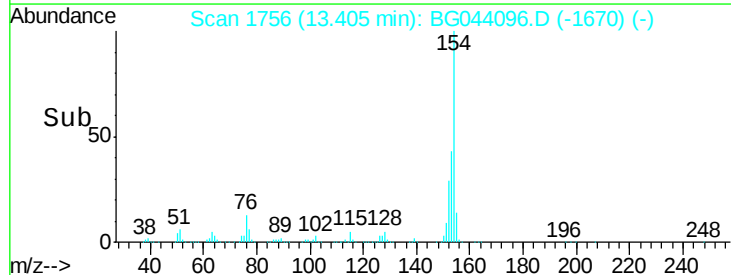
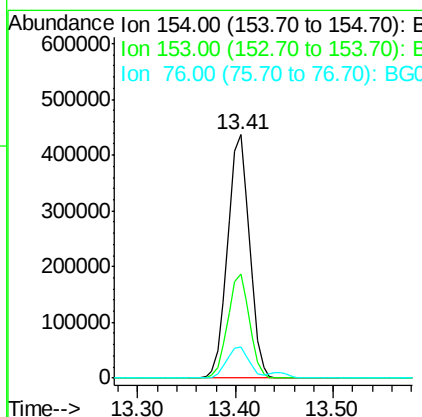
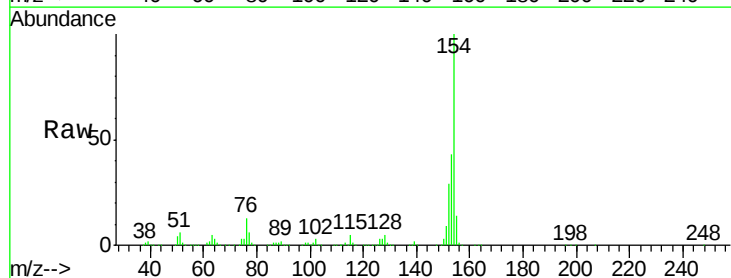
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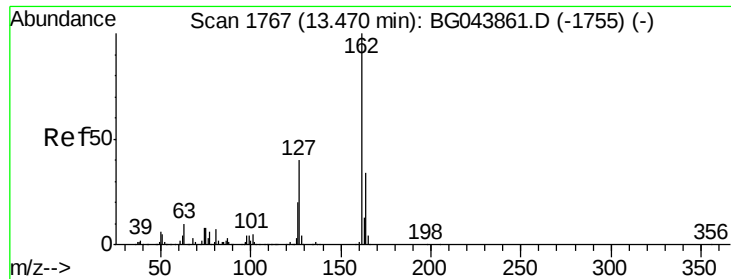
mohammad
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#46
1,1'-Biphenyl
Concen: 41.475 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.6	63.6
76	12.7	0.0	34.4





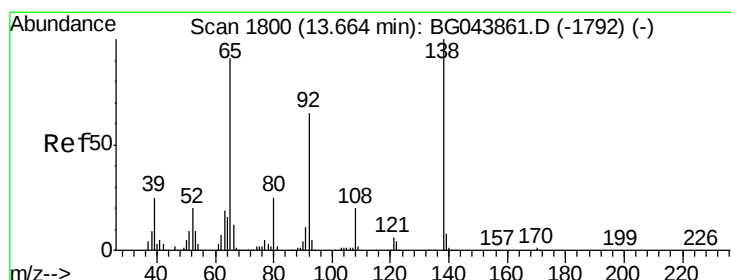
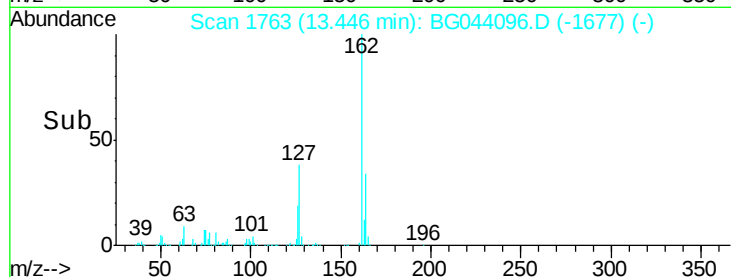
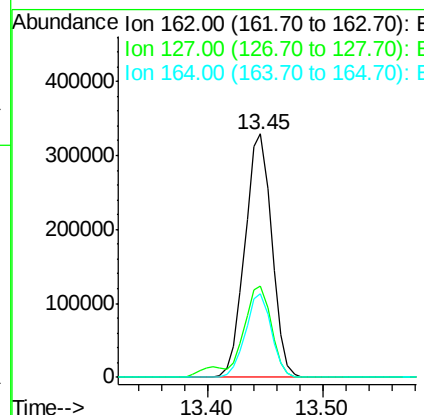
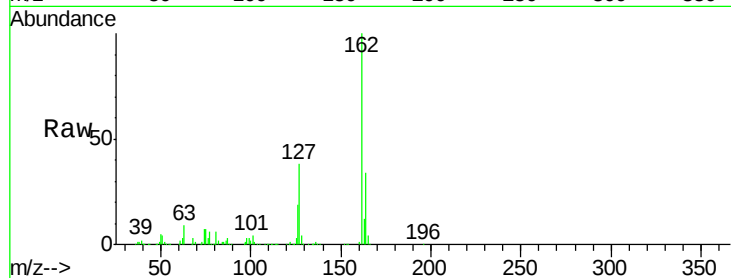
#47
2-Chloronaphthalene
Concen: 40.191 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	32.1	48.1	
164	34.1	27.5	41.3	

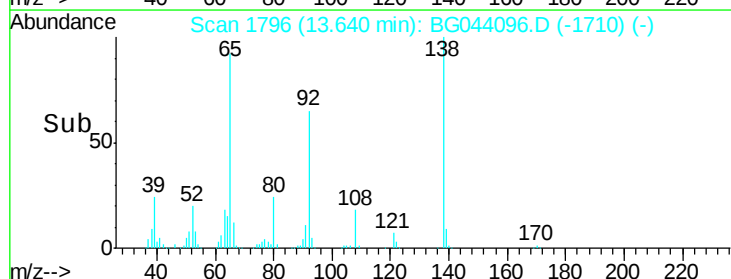
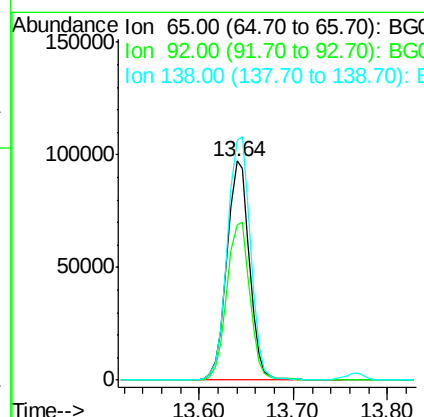
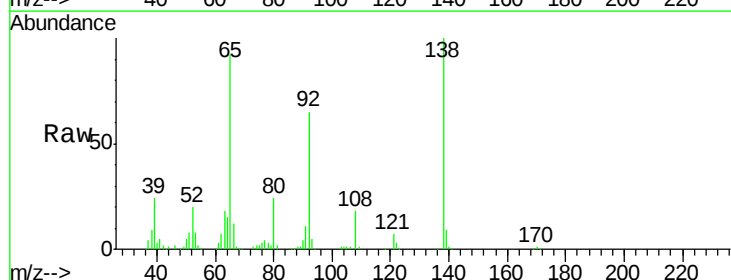
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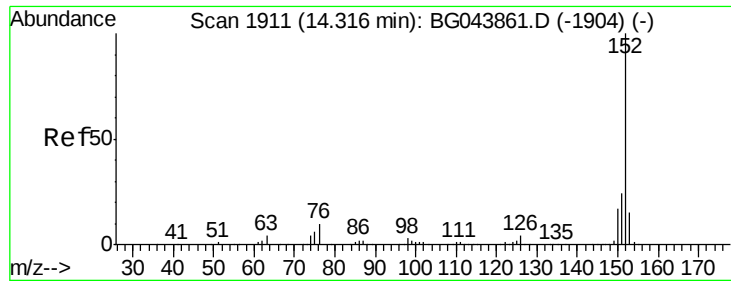
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#48
2-Nitroaniline
Concen: 38.522 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.1	57.4	86.2	
138	109.3	88.2	132.4	





#49

Acenaphthylene

Concen: 44.878 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

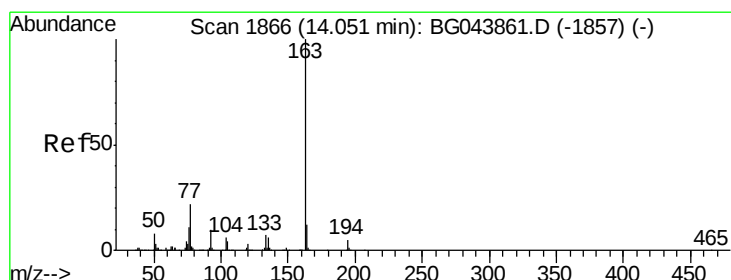
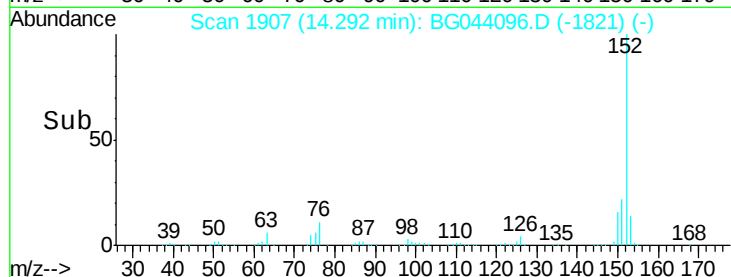
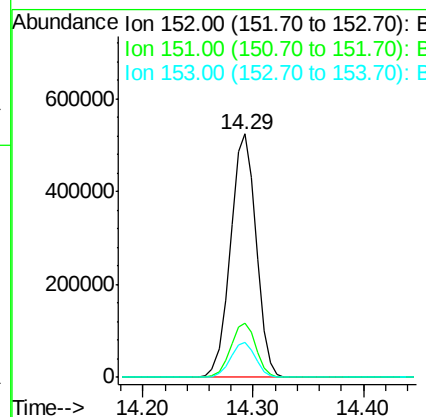
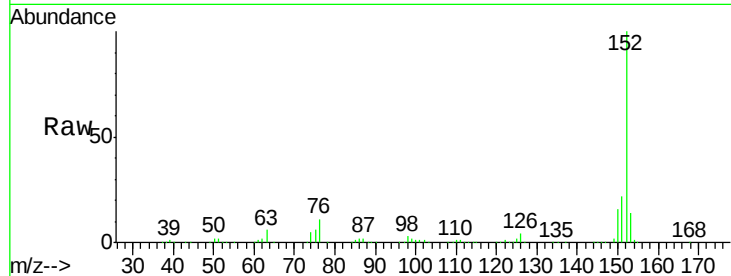
ClientSampleId :

PB126166BS

Tot Ion:	152	Resp:	852469
Ion Ratio	Lower	Upper	
152	100		
151	22.2	19.4	29.2
153	14.4	12.0	18.0

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#50

Dimethylphthalate

Concen: 41.901 ng

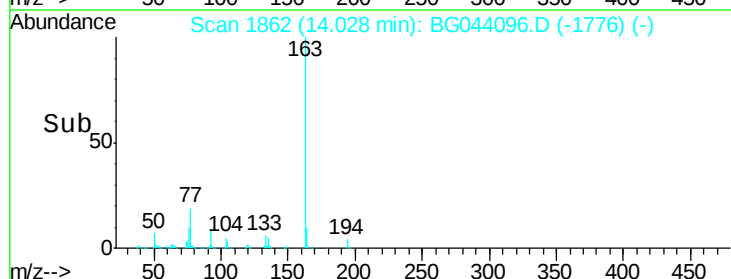
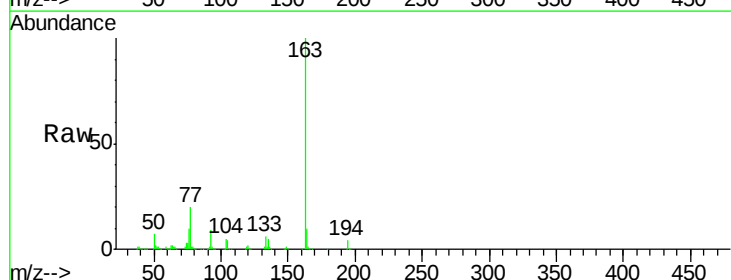
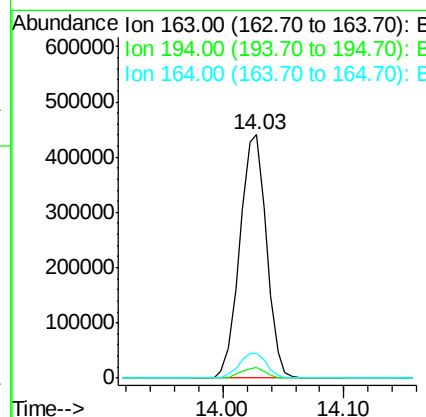
RT: 14.03 min Scan# 1862

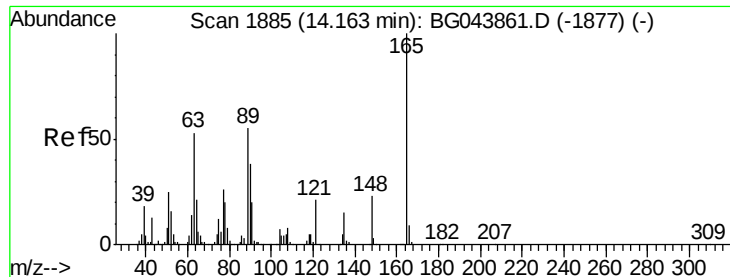
Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	163	Resp:	678646
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	10.1	9.3	13.9





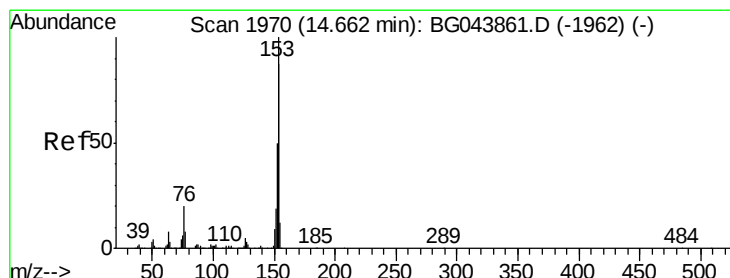
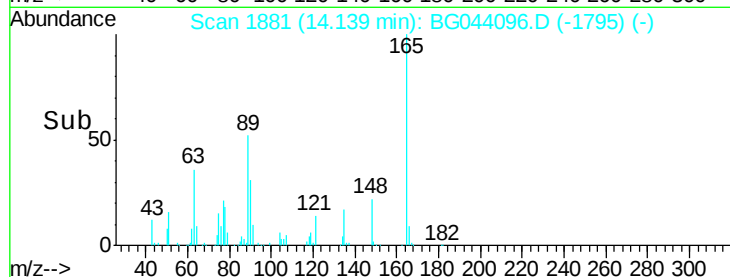
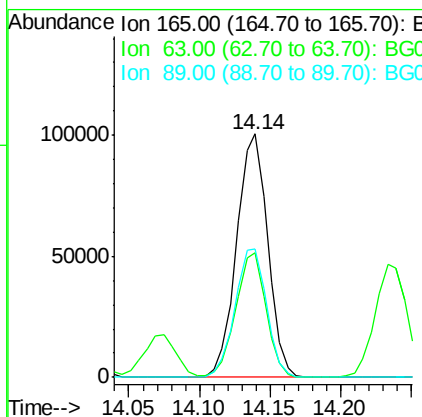
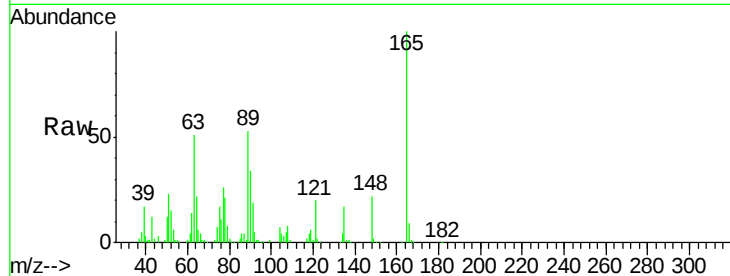
#51
 2,6-Dinitrotoluene
 Concen: 42.198 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampled :
 PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	154477		
63	51.0		43.1	64.7
89	52.5		43.8	65.6

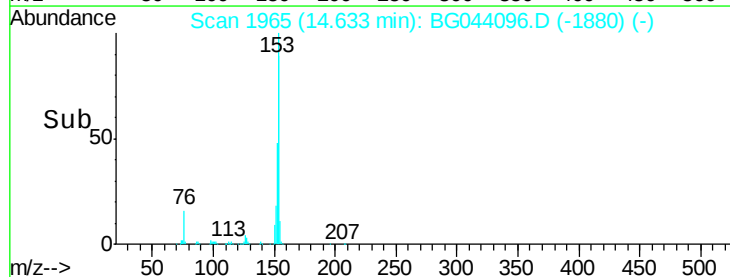
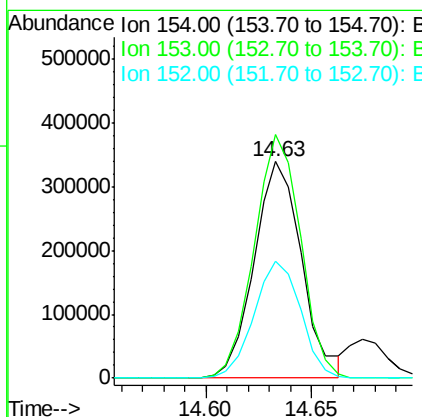
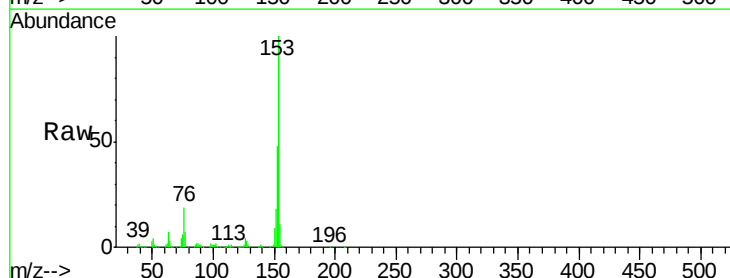
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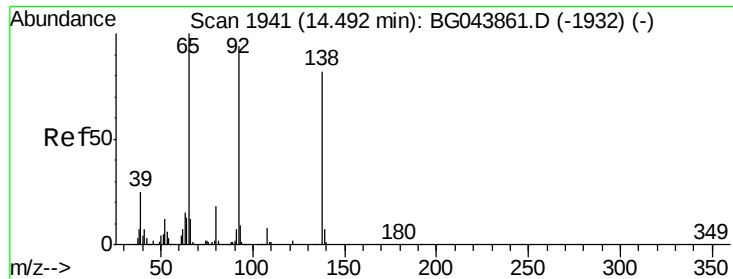
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#52
 Acenaphthene
 Concen: 39.928 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	531876		
153	112.4		91.6	137.4
152	54.1		45.4	68.0





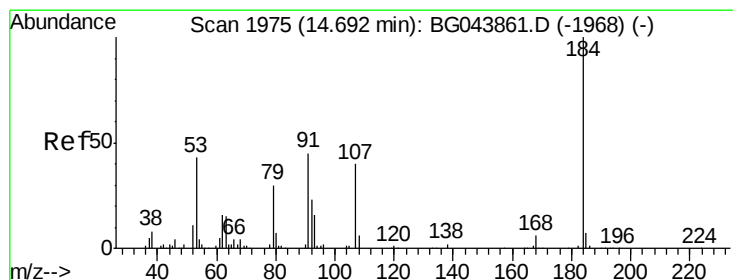
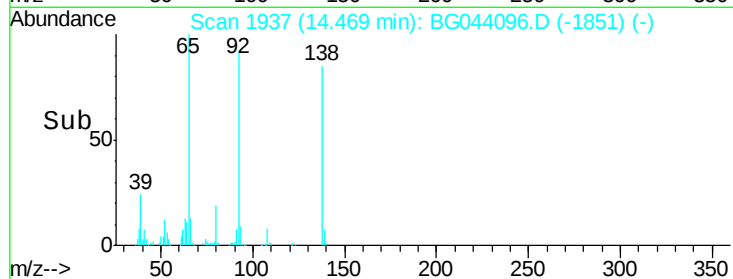
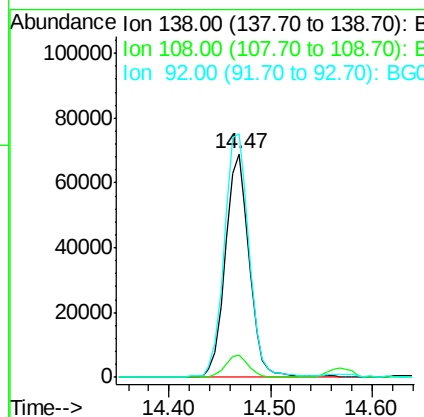
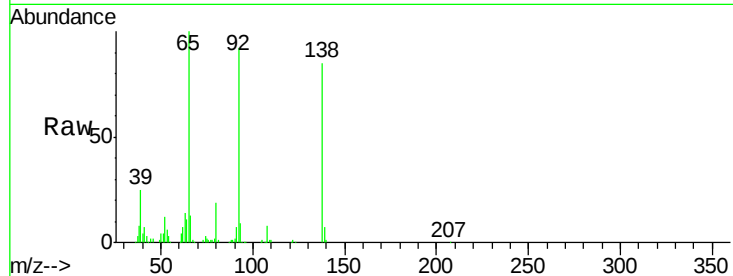
#53
3-Nitroaniline
Concen: 27.218 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.2
92	108.9	92.1	138.1

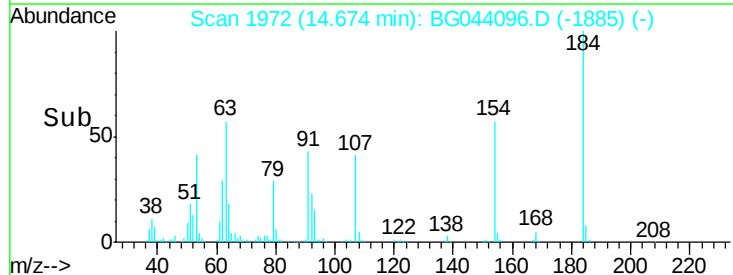
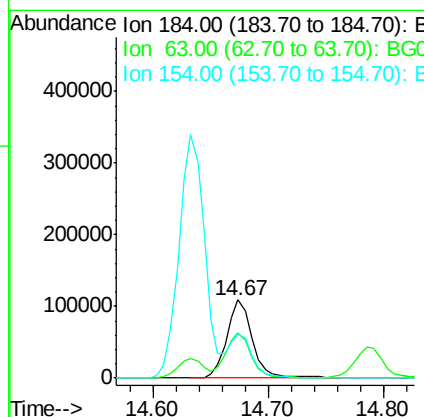
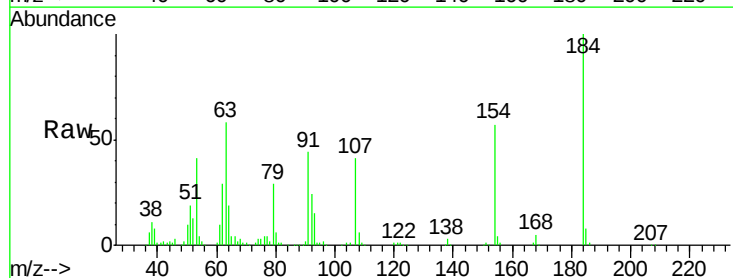
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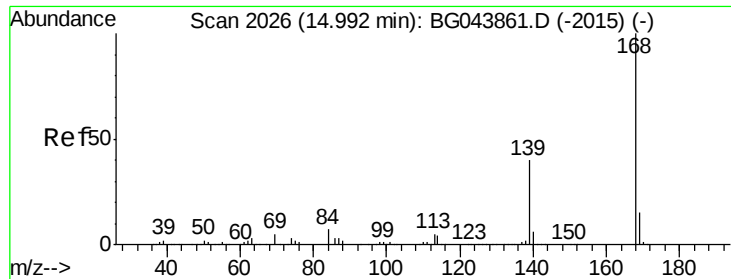
mohammad
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#54
2,4-Dinitrophenol
Concen: 89.647 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	46.6	70.0
154	56.7	50.2	75.4





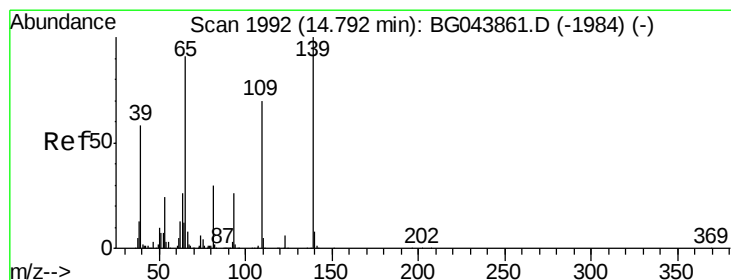
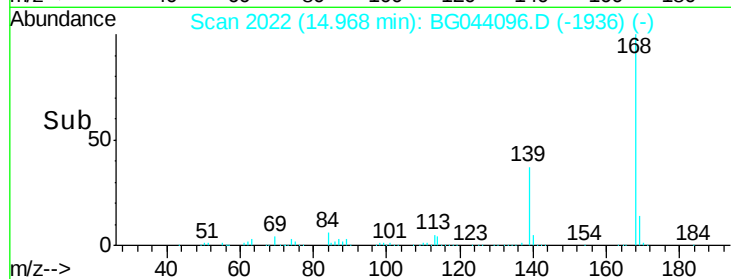
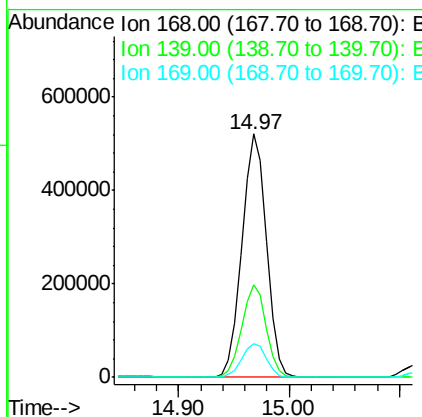
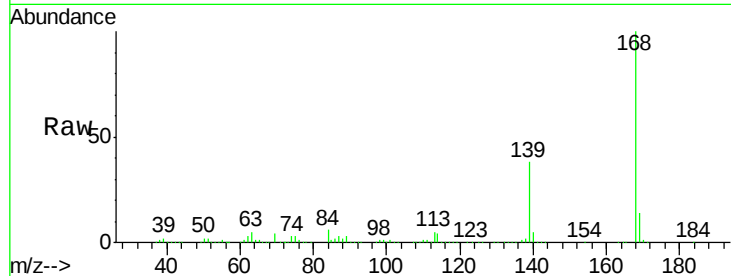
#55
Dibenzofuran
Concen: 44.270 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	32.2	48.2
169	14.1	12.2	18.2

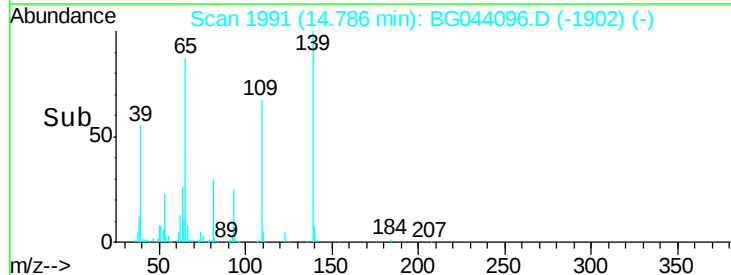
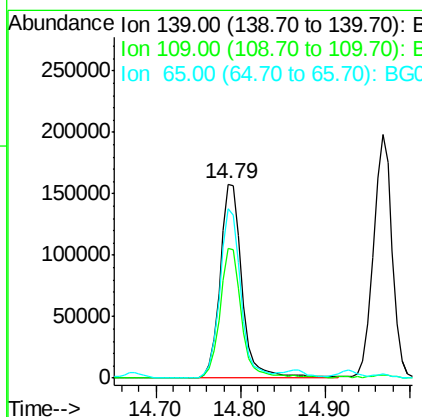
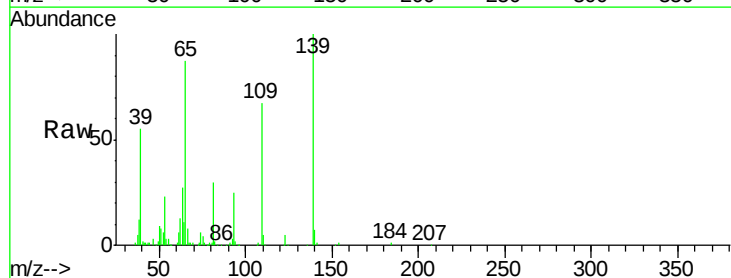
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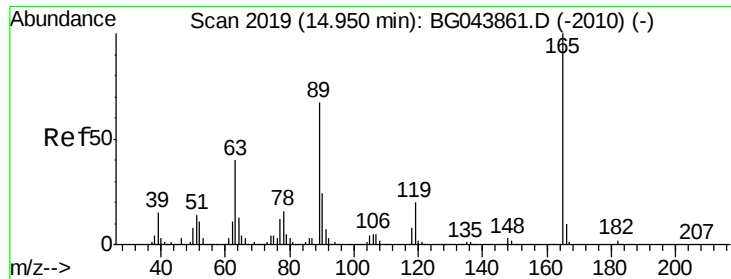
mohammad
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#56
4-Nitrophenol
Concen: 90.064 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	50.4	90.4
65	87.3	71.4	111.4





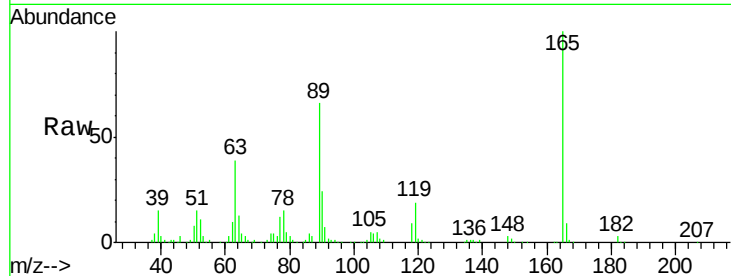
#57
2,4-Dinitrotoluene
Concen: 43.745 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	217903		
63	39.0		31.9	47.9
89	66.3		53.8	80.6
182	2.6		2.0	3.0

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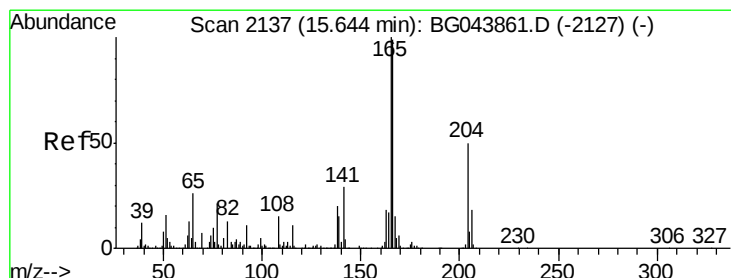
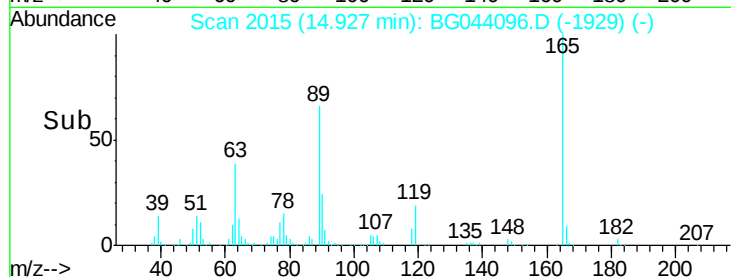
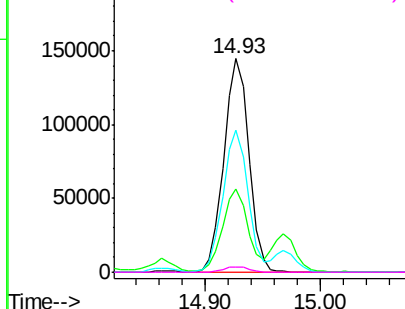


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

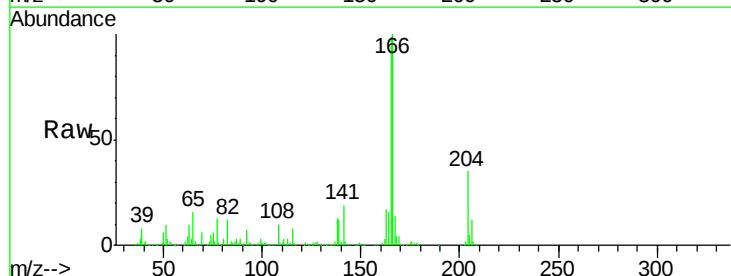
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.148 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

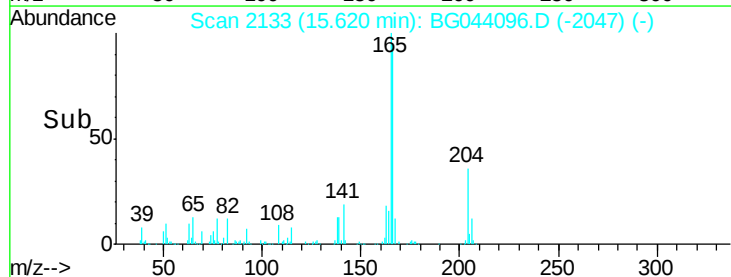
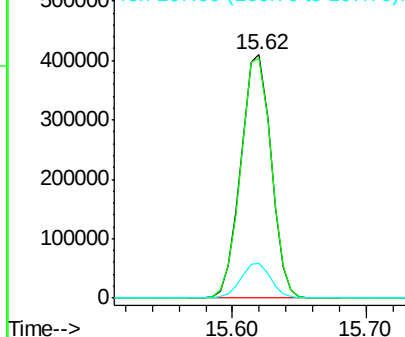
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	641677		
165	98.6		80.8	121.2
167	14.3		12.1	18.1

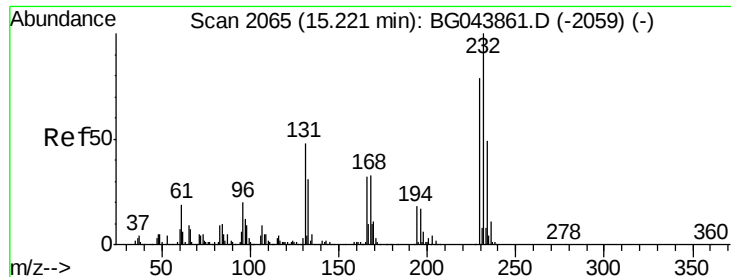


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





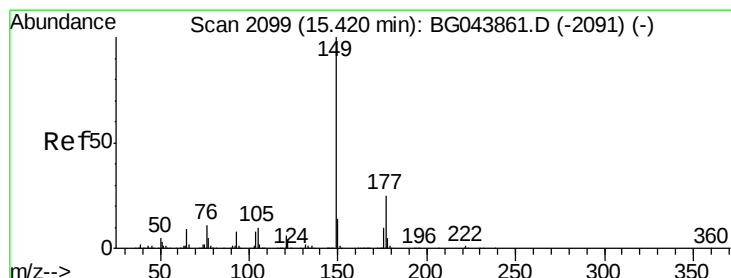
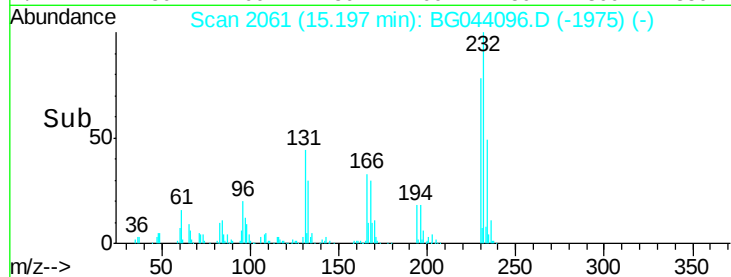
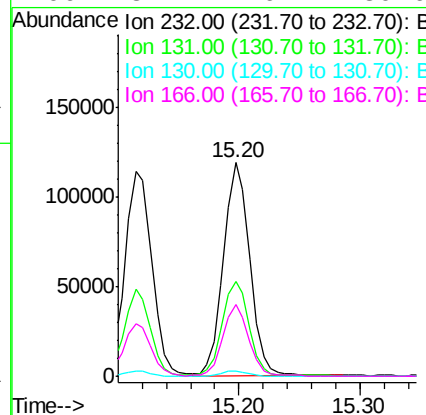
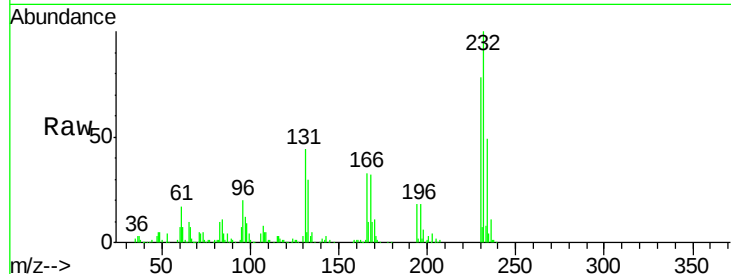
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.032 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	179647		
131	44.6	38.2	57.2	
130	2.6	2.2	3.2	
166	32.7	26.4	39.6	

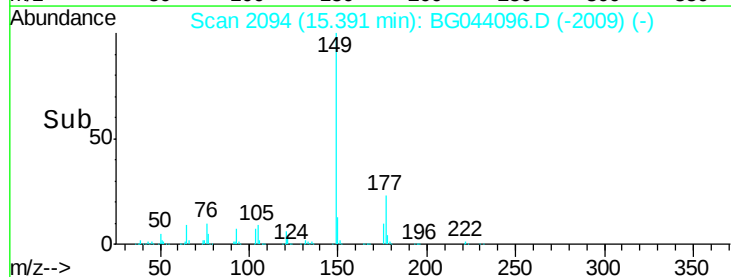
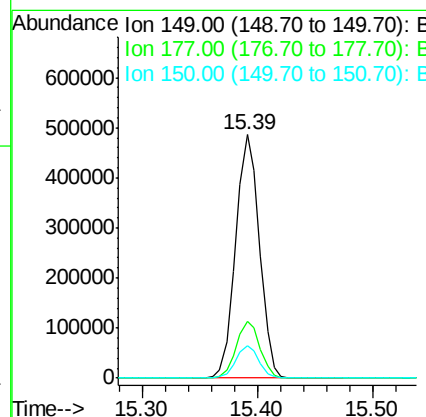
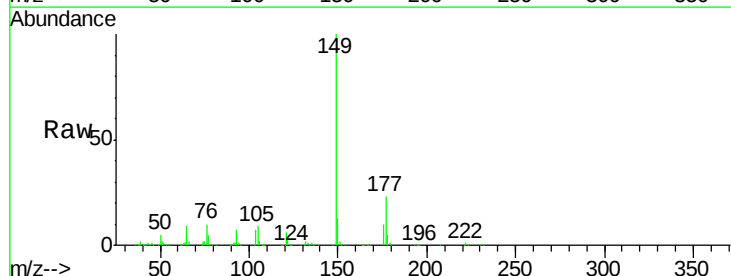
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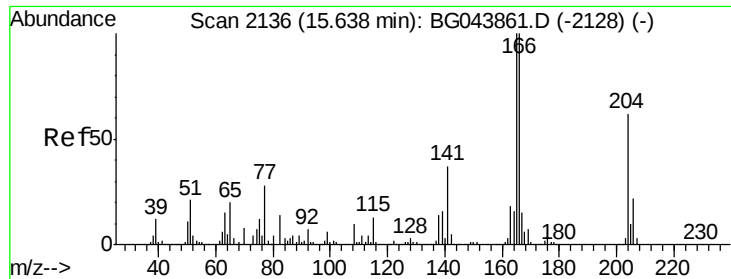
mohammad
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#60
 Diethylphthalate
 Concen: 42.653 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	690969		
177	23.3	20.0	30.0	
150	13.3	11.1	16.7	





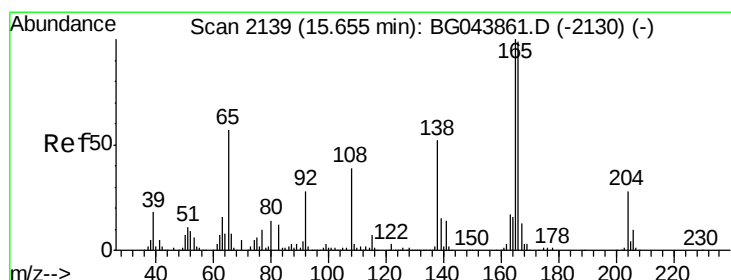
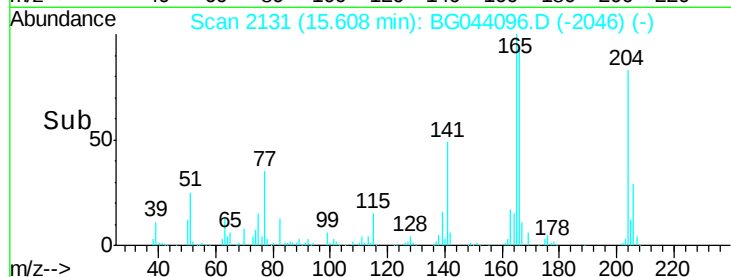
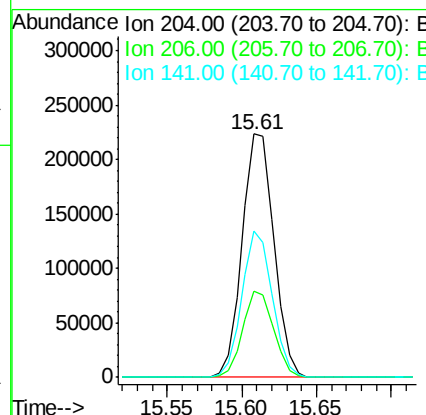
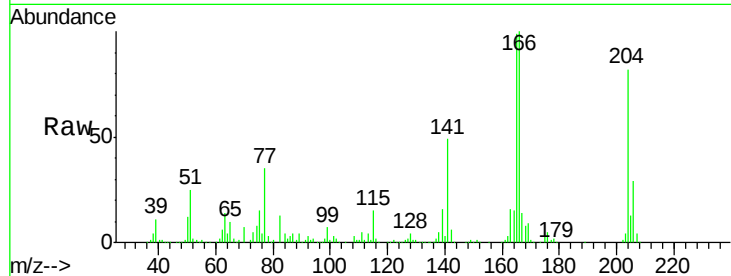
#61
4-Chlorophenyl-phenylether
Concen: 41.763 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.2	42.2
141	59.9	48.2	72.2

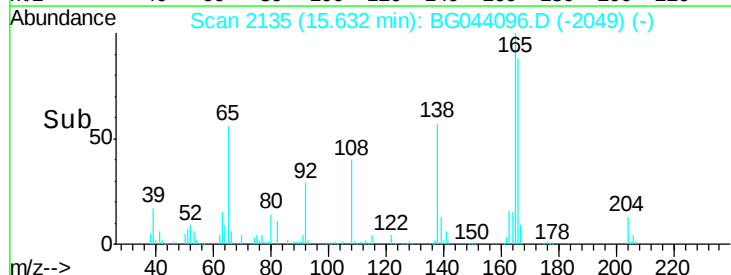
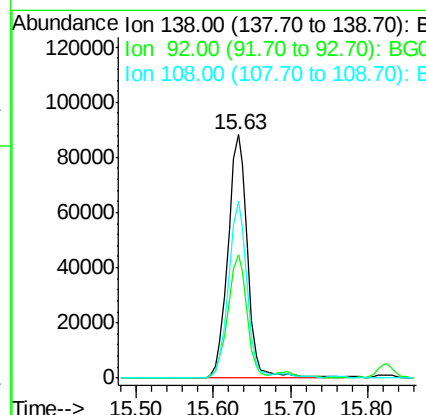
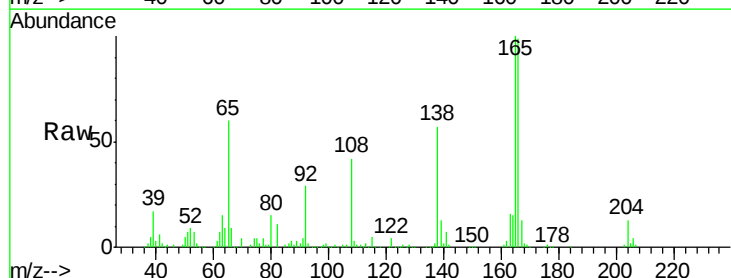
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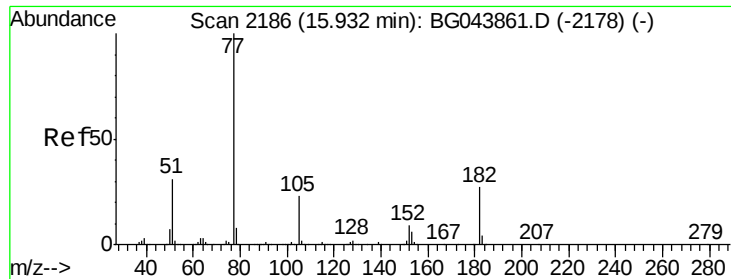
mohammad
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#62
4-Nitroaniline
Concen: 38.179 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	34.3	74.3
108	72.8	55.0	95.0





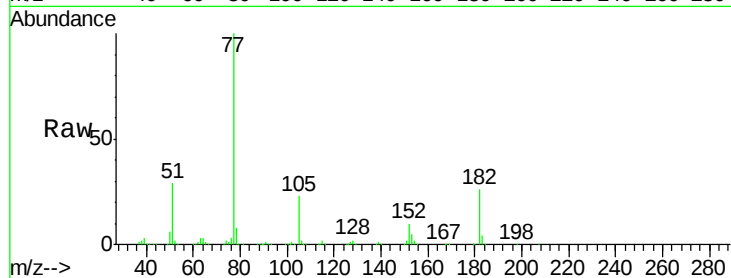
#63
Azobenzene
Concen: 42.763 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

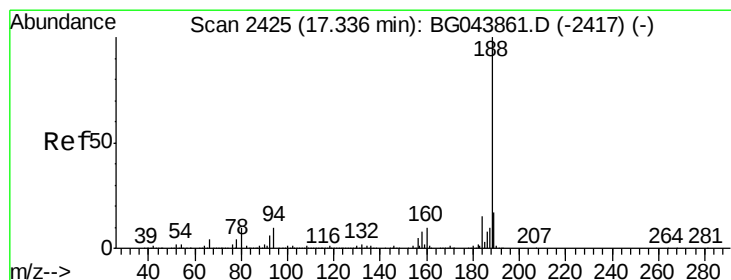
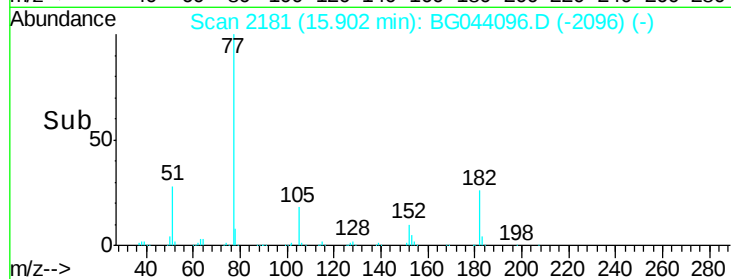
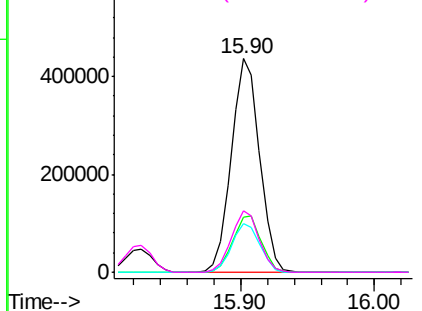
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		642446		
182	25.8	7.3	47.3		
105	22.8	3.2	43.2		
51	28.5	10.6	50.6		

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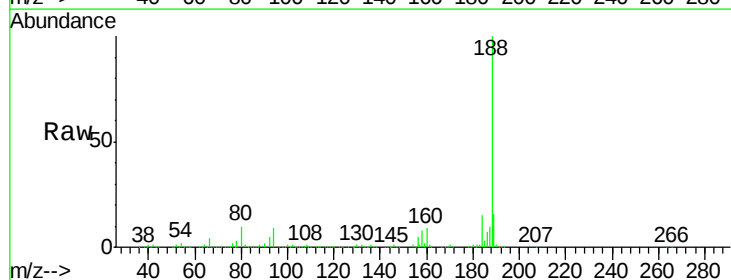


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

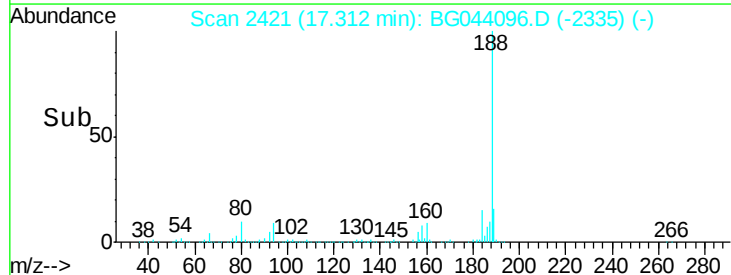
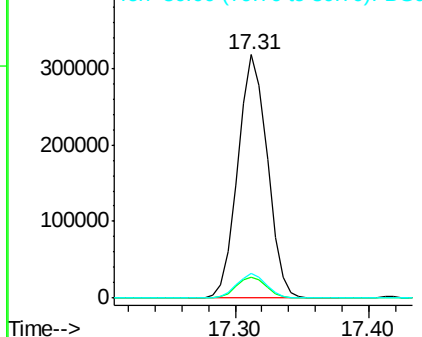


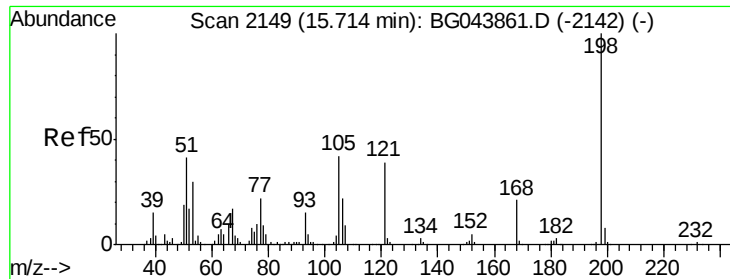
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		486147		
94	8.8	7.9	11.9		
80	10.4	8.2	12.4		



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





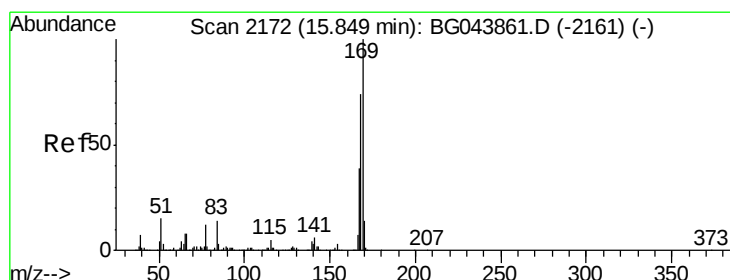
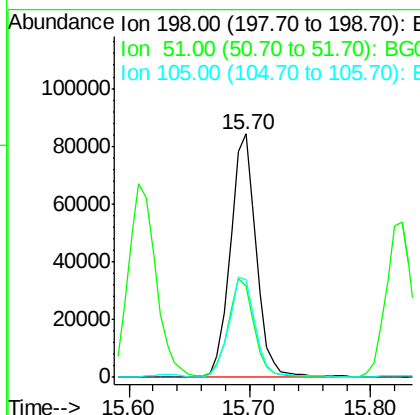
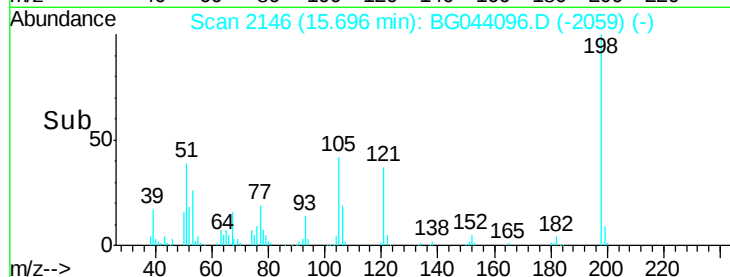
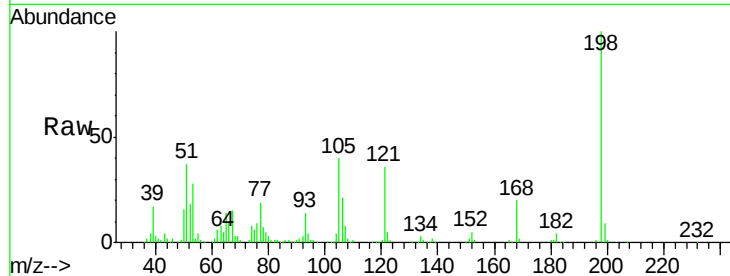
#65
4,6-Dinitro-2-methylphenol
Concen: 49.857 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125349		
51	37.2		22.5	62.5
105	40.4		22.3	62.3

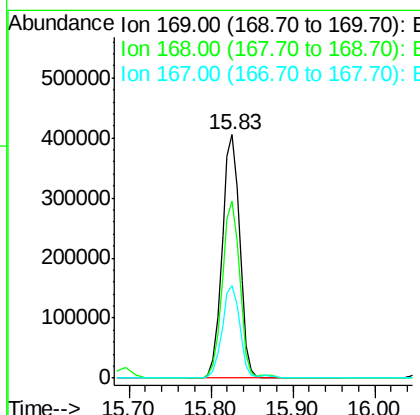
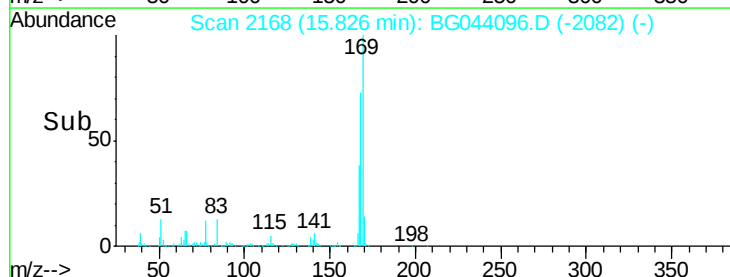
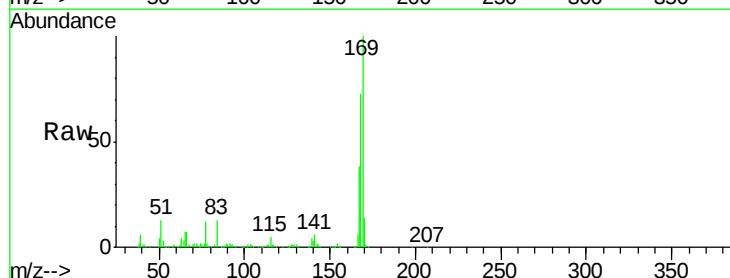
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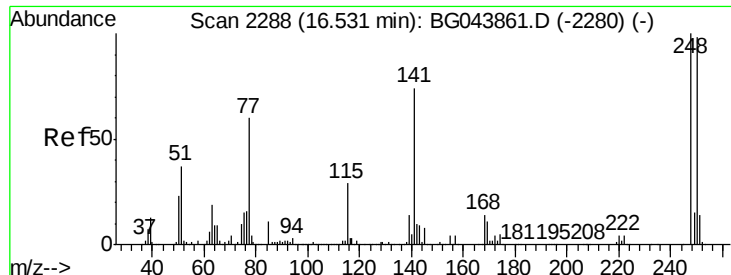
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#66
n-Nitrosodiphenylamine
Concen: 42.106 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	602804		
168	72.5		59.0	88.6
167	38.2		31.4	47.0





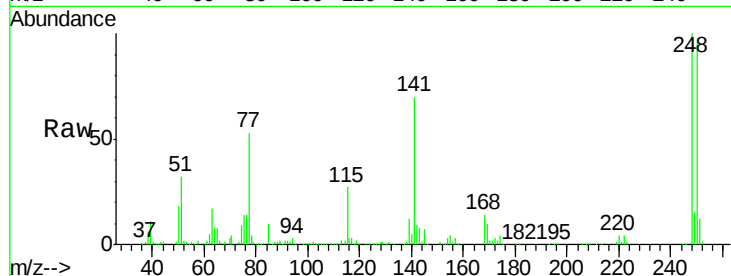
#67
 4-Bromophenyl-phenylether
 Concen: 39.193 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

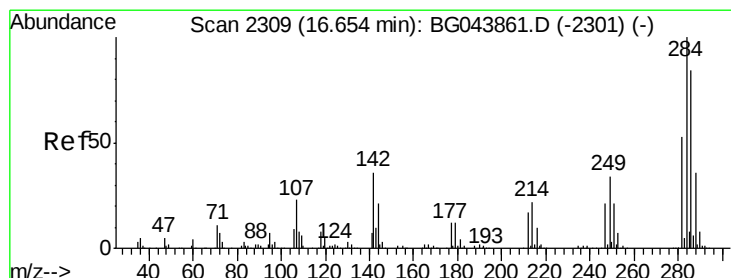
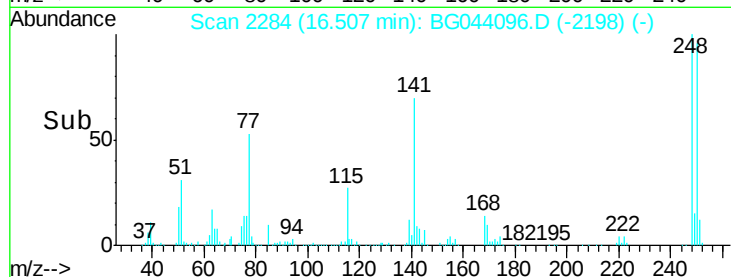
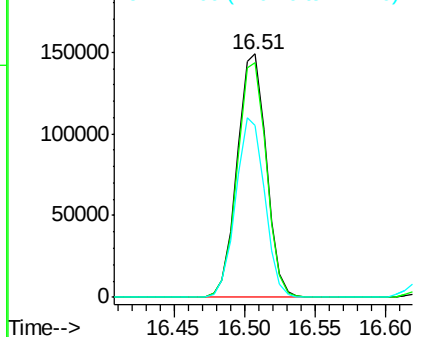
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.2	117.2
141	70.4	59.3	88.9

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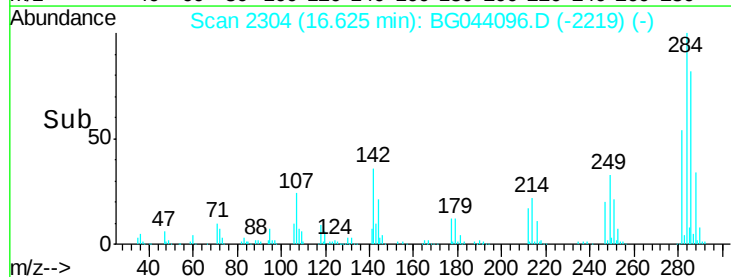
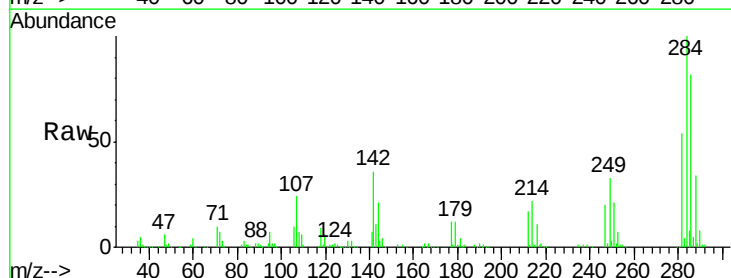
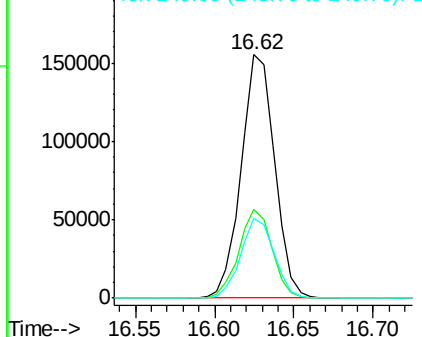
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

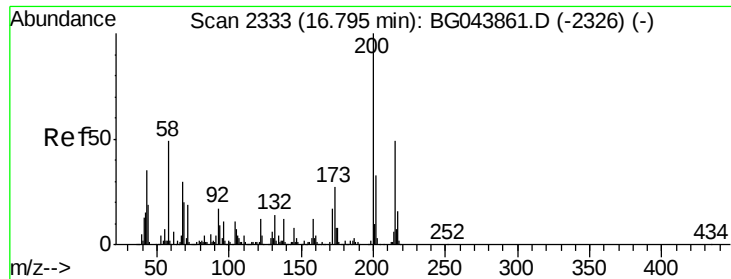


#68
 Hexachlorobenzene
 Concen: 38.646 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.03 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.6	43.0
249	32.7	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: 46.935 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

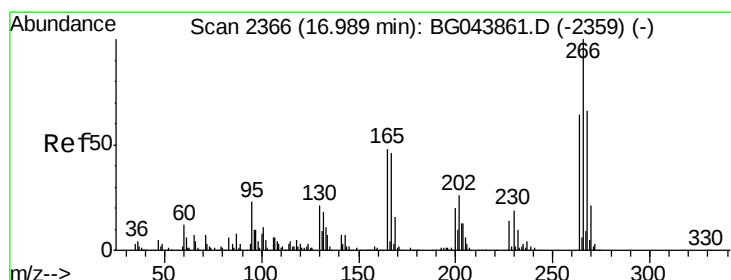
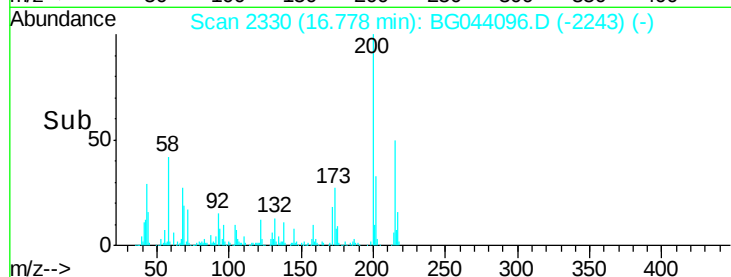
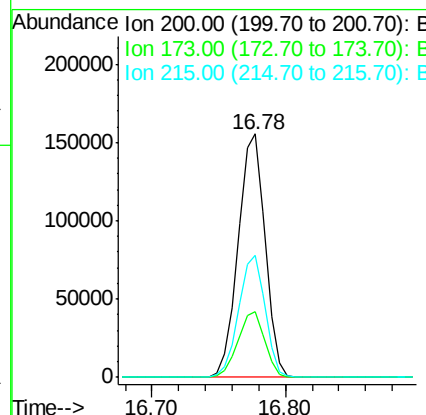
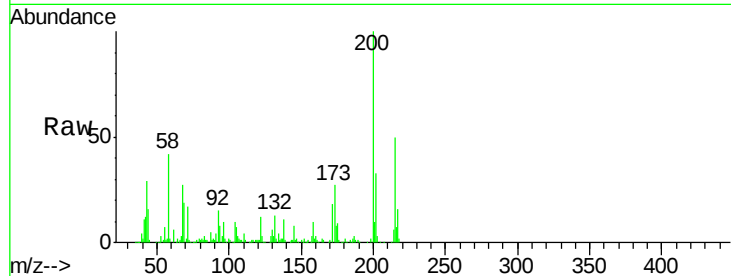
ClientSampleId :

PB126166BS

Tot Ion:	200	Resp:	218417
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.6	46.6
215	50.2	28.6	68.6

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#70

Pentachlorophenol

Concen: 76.811 ng

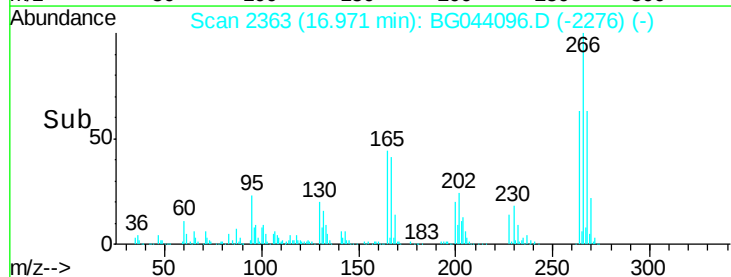
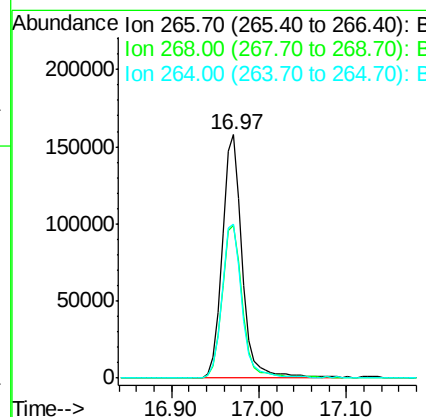
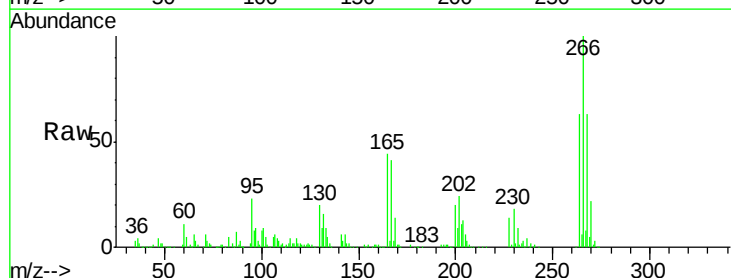
RT: 16.97 min Scan# 2363

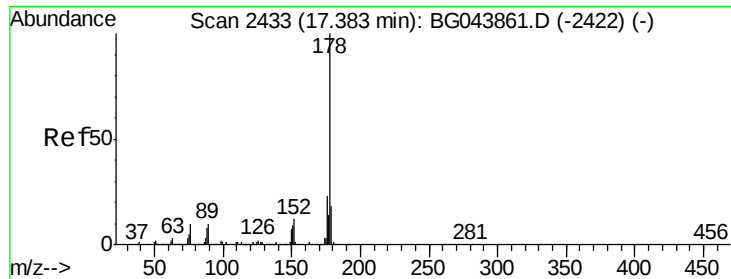
Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	266	Resp:	249462
Ion Ratio	Lower	Upper	
266	100		
268	62.9	52.6	79.0
264	63.1	50.8	76.2





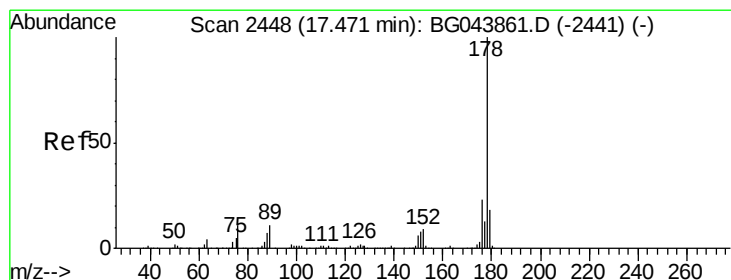
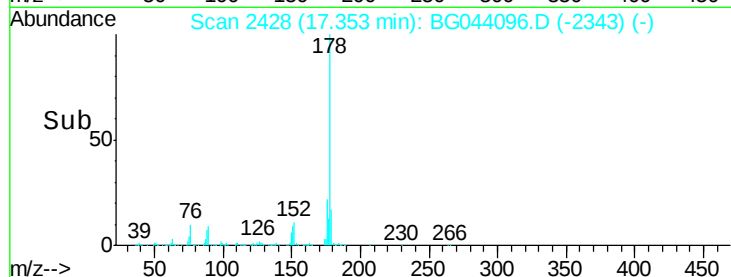
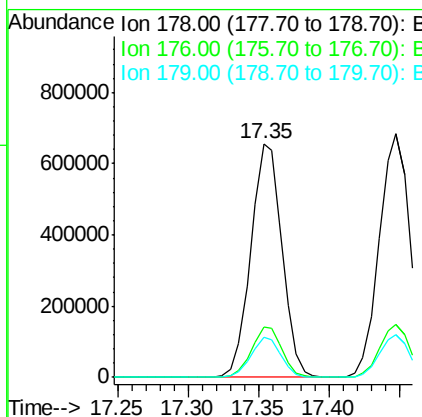
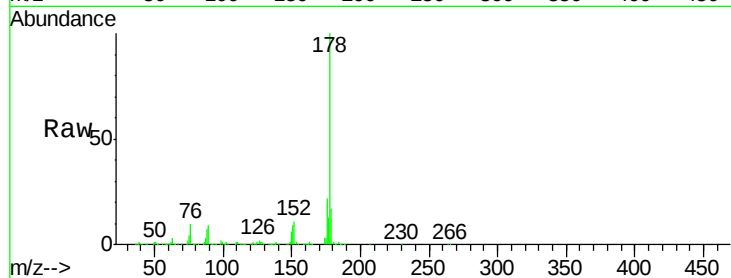
#71
Phenanthrene
Concen: 43.688 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion:178 Resp: 1018715
Ion Ratio Lower Upper
178 100
176 21.8 18.6 28.0
179 17.1 14.4 21.6

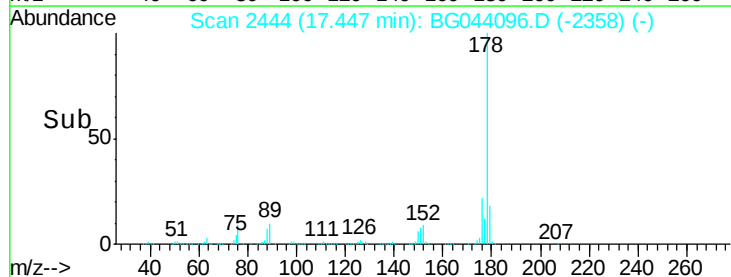
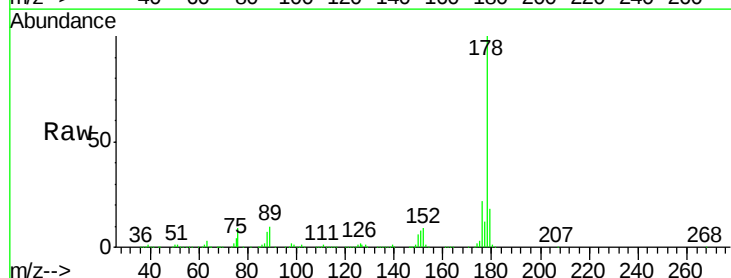
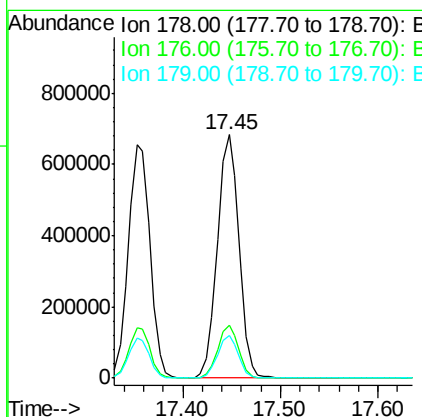
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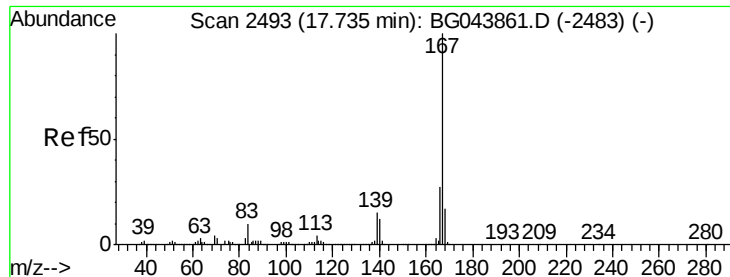
mohammad
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#72
Anthracene
Concen: 45.346 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion:178 Resp: 1044998
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.7 14.6 22.0





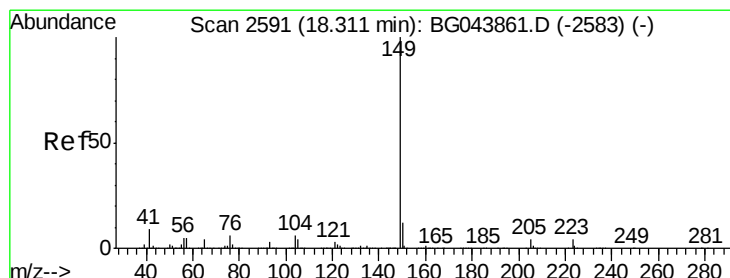
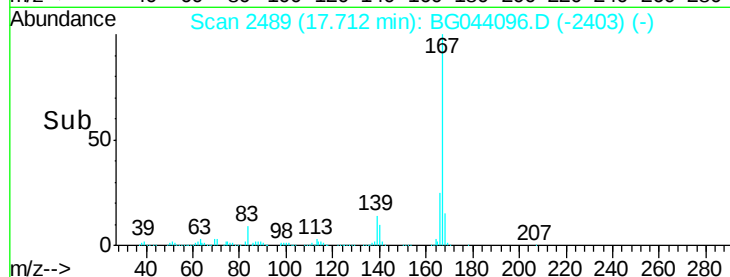
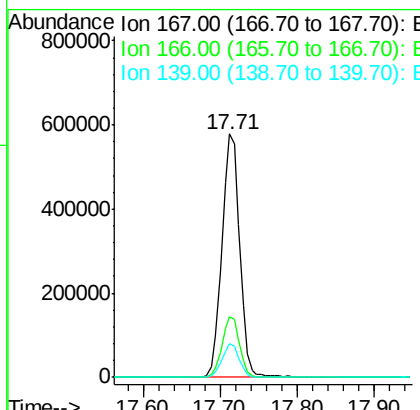
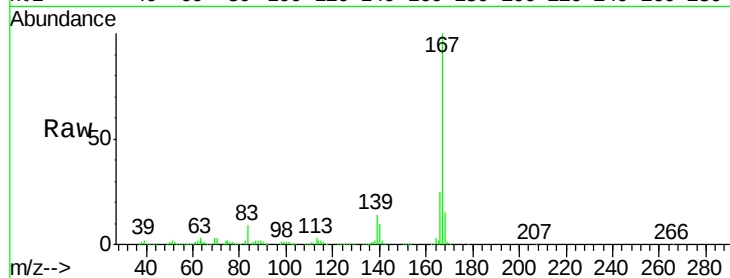
#73
 Carbazole
 Concen: 43.678 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	21.6	32.4
139	13.9	12.1	18.1

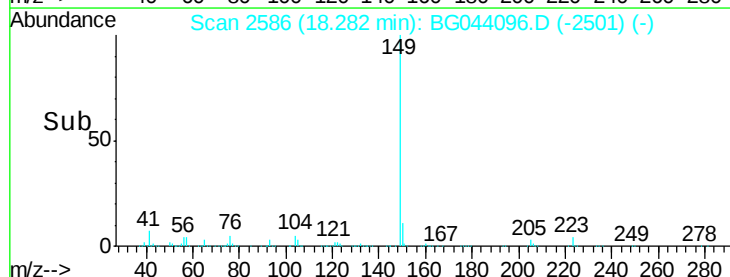
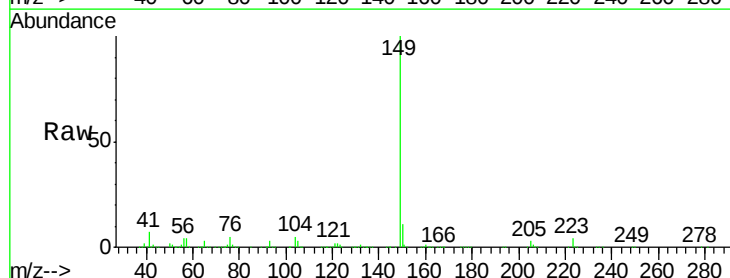
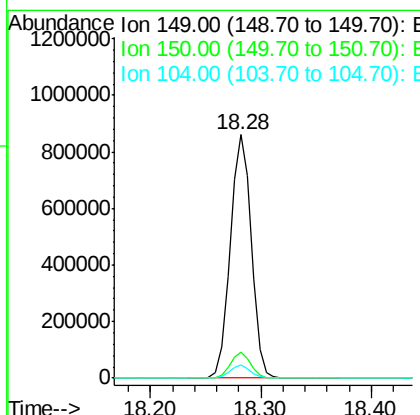
Manual Integrations
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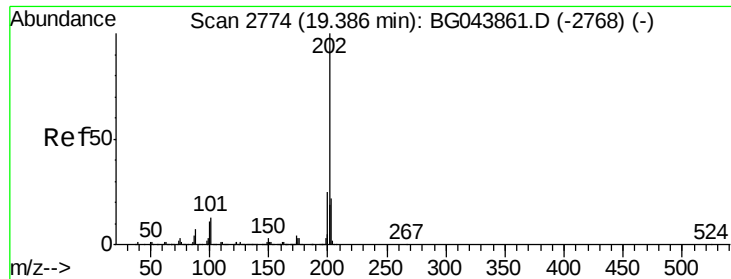
mohammad
 1/21/2020 2:25:20 PM



#74
 Di-n-butylphthalate
 Concen: 42.226 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.7	14.5
104	5.4	5.0	7.4





#75

Fluoranthene

Concen: 43.535 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

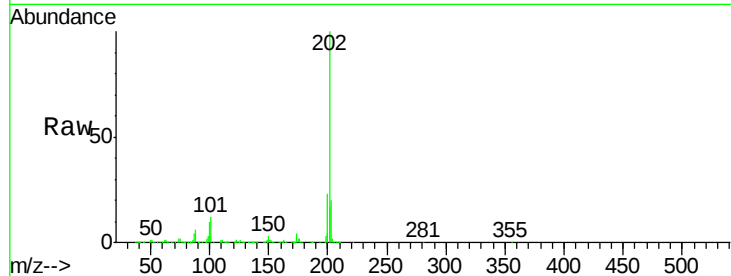
ClientSampleId :

PB126166BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1160965		
101	12.1		0.0	33.3
203	19.6		1.6	41.6

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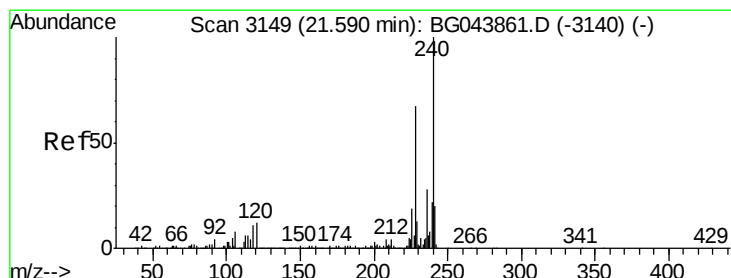
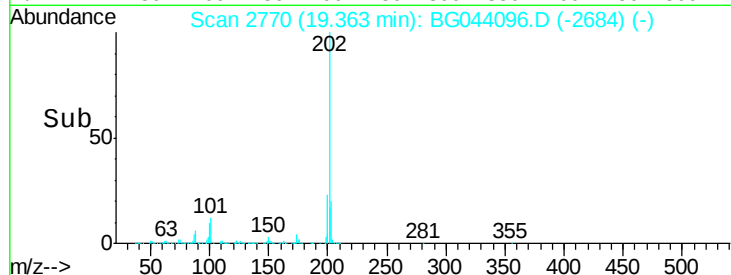
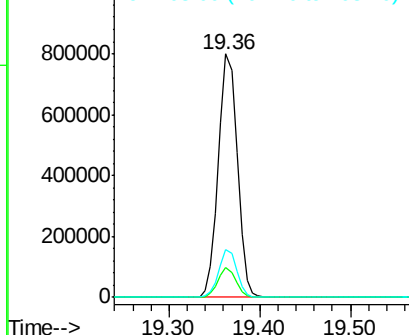


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

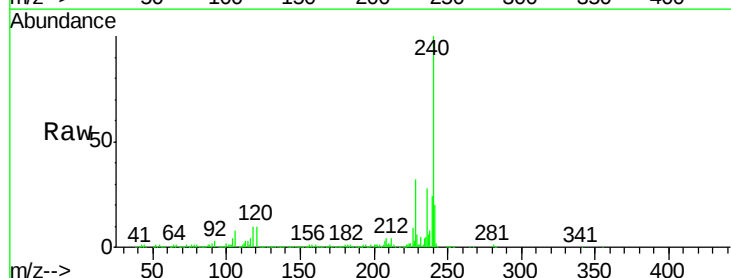
RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	410704		
120	10.4		9.6	14.4
236	27.6		22.2	33.2

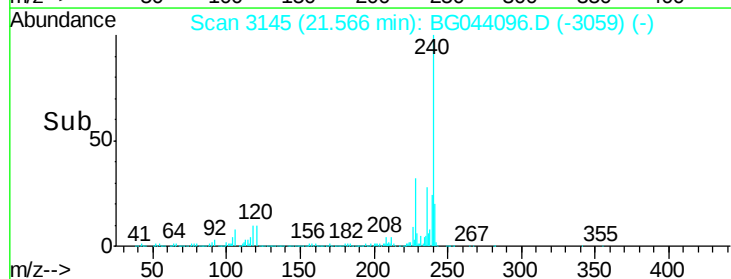
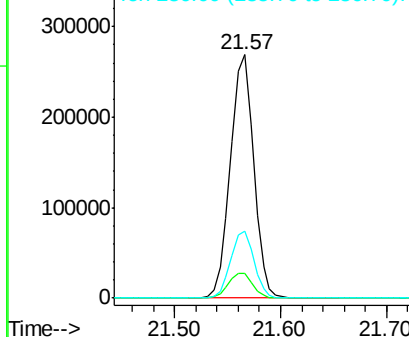


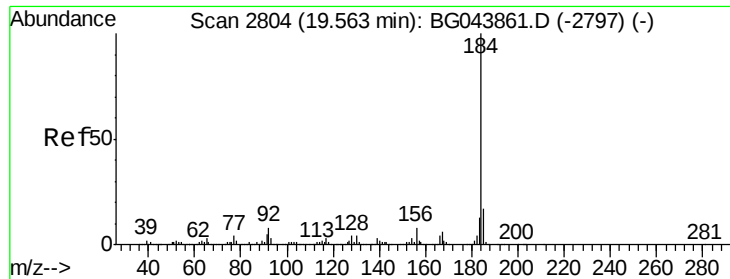
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.998 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

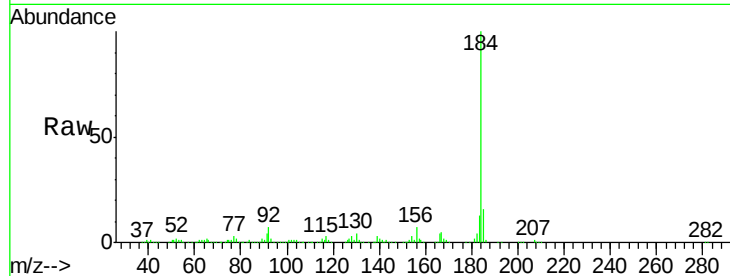
ClientSampleId :

PB126166BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.4	20.0
183	13.1	10.6	15.8

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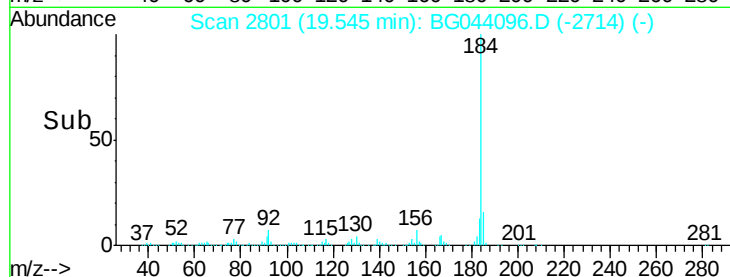


Abundance Ion 184.00 (183.70 to 184.70): E

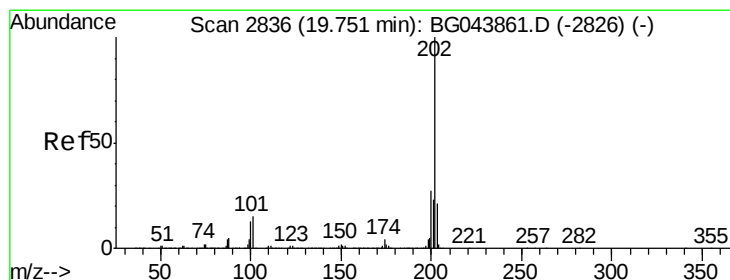
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.54



Time--> 19.40 19.60



#78

Pyrene

Concen: 43.364 ng

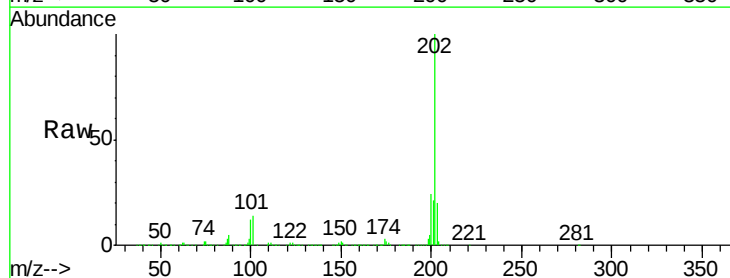
RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.4	21.7	32.5
203	19.7	17.0	25.6

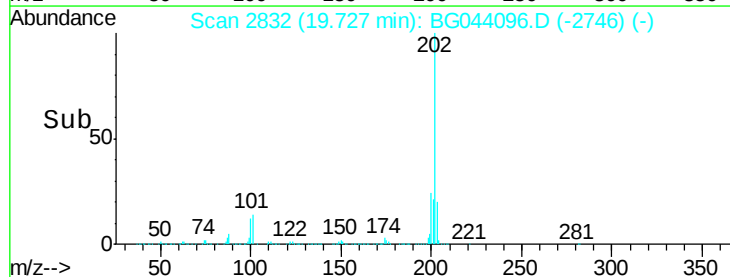


Abundance Ion 202.00 (201.70 to 202.70): E

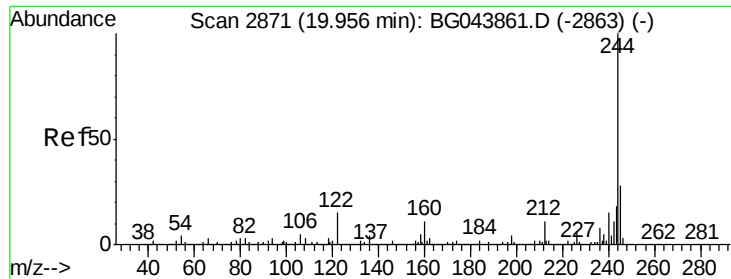
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.73



Time--> 19.60 19.70 19.80



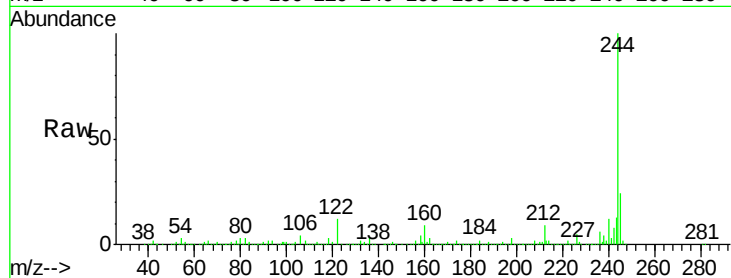
#79
 Terphenyl-d14
 Concen: 86.914 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	8.6	13.0#
122	12.4	11.9	17.9

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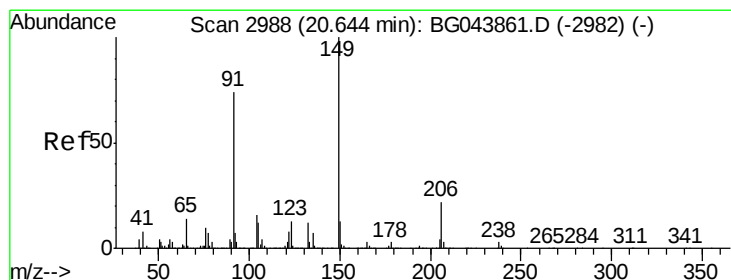
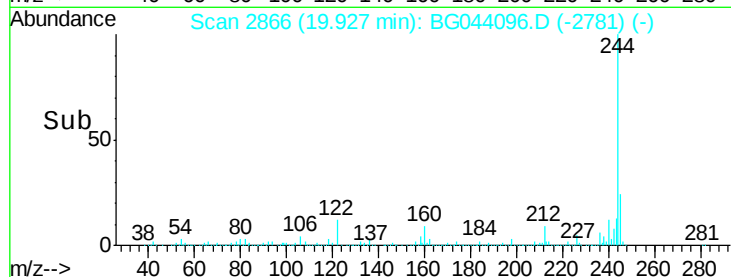
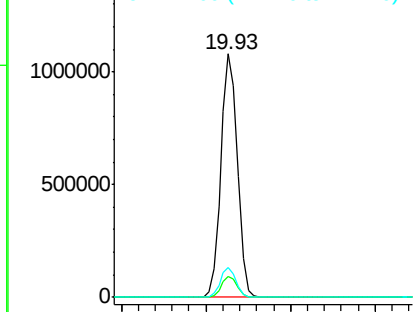


Abundance

Ion 244.00 (243.70 to 244.70): E

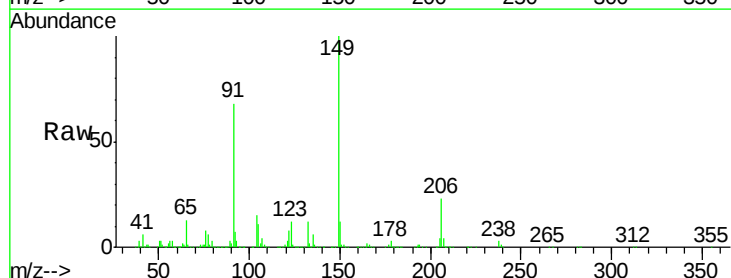
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 41.560 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044096.D
 Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	59.5	89.3
206	22.7	17.8	26.6

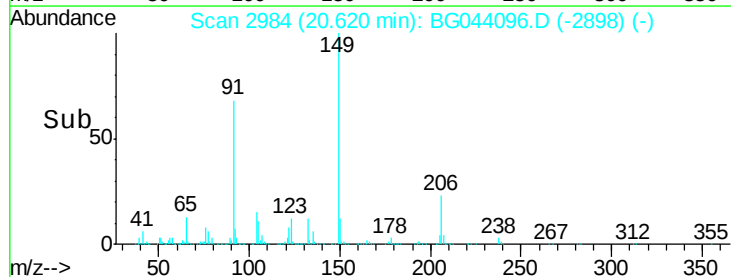
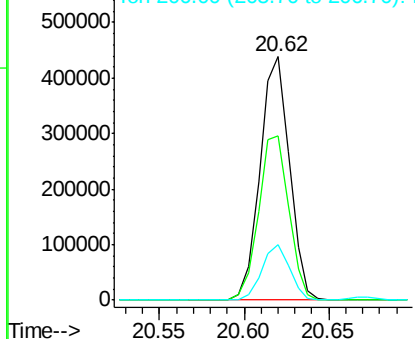


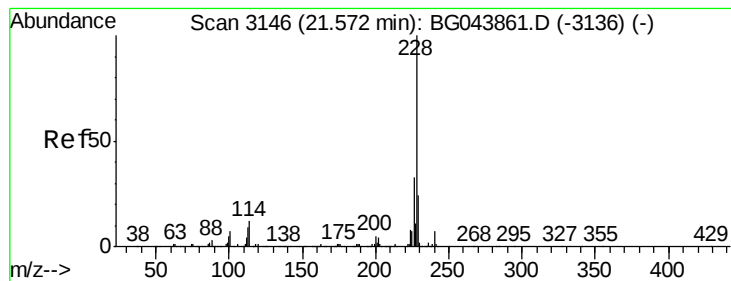
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.519 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

ClientSampleId :

PB126166BS

Tot Ion:228 Resp: 1108272

Ion Ratio Lower Upper

228 100

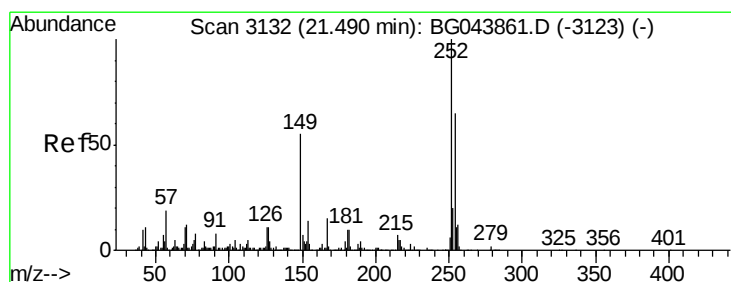
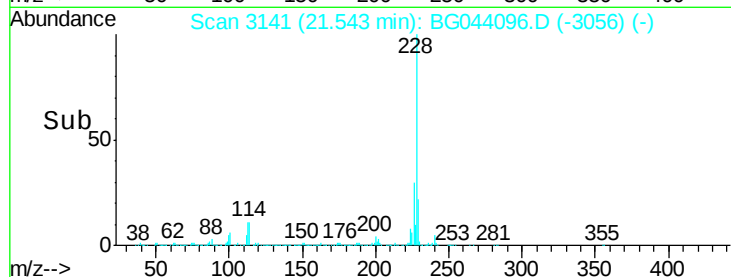
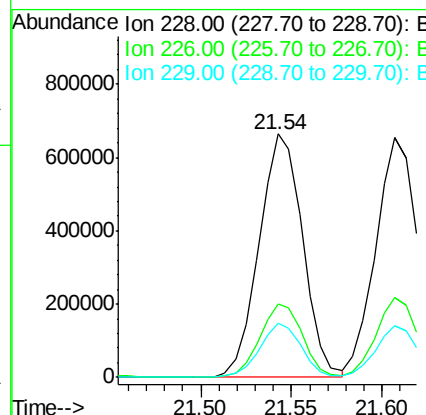
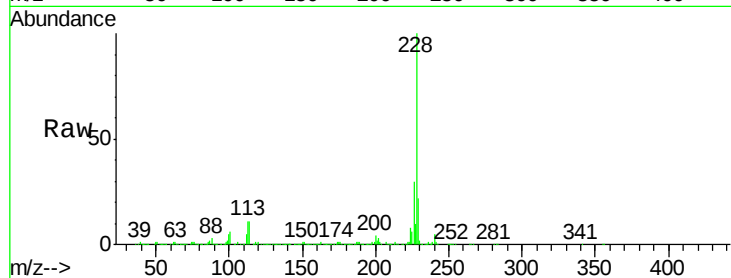
226 29.9 26.2 39.4

229 22.1 18.9 28.3

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#82

3,3'-Dichlorobenzidine

Concen: 31.015 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

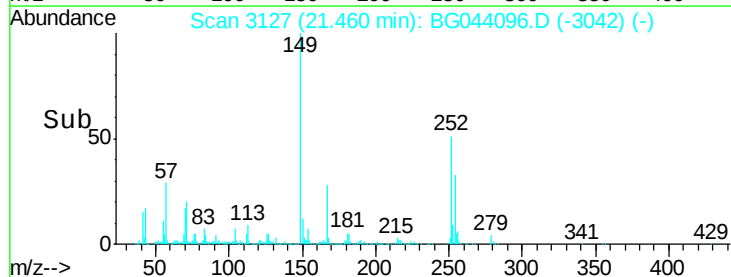
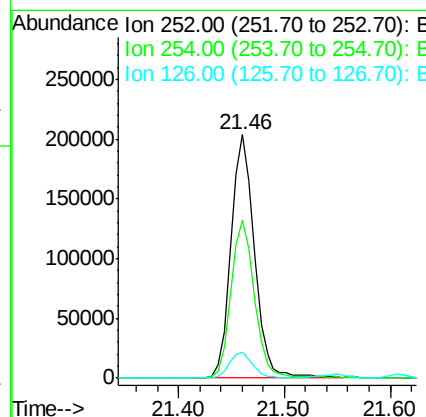
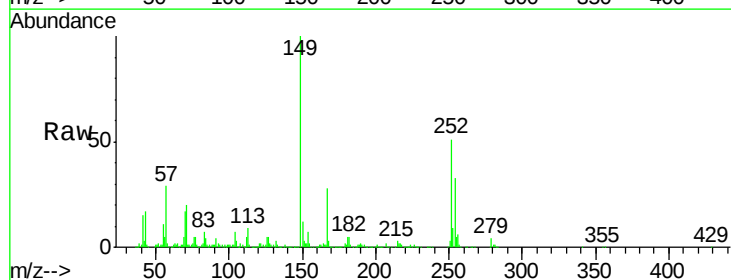
Tgt Ion:252 Resp: 312052

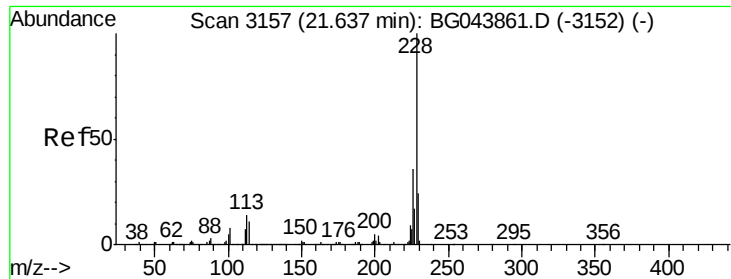
Ion Ratio Lower Upper

252 100

254 64.9 52.1 78.1

126 10.8 9.1 13.7





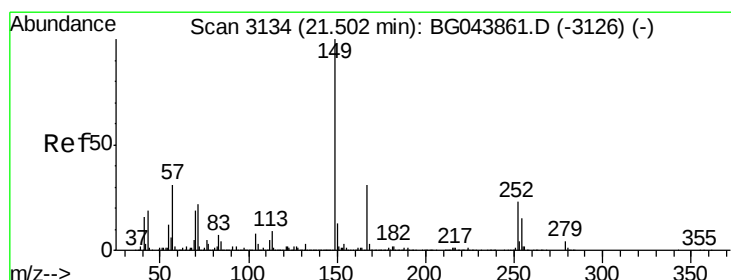
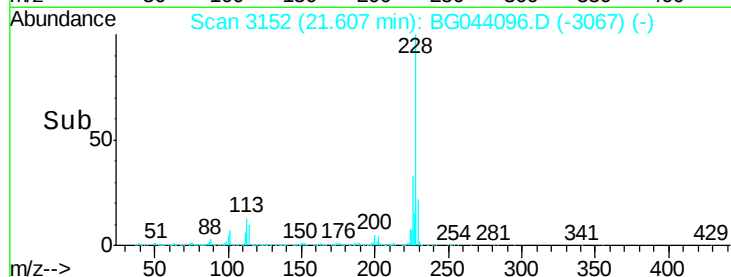
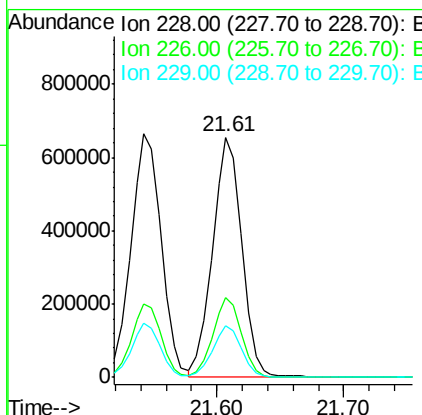
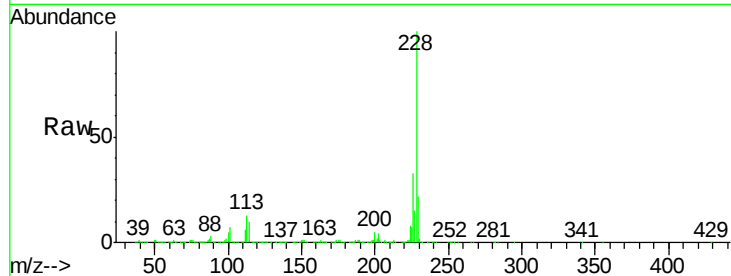
#83
Chrysene
Concen: 43.247 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.03 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion:228 Resp: 1046501
Ion Ratio Lower Upper
228 100
226 33.1 28.8 43.2
229 21.6 19.0 28.6

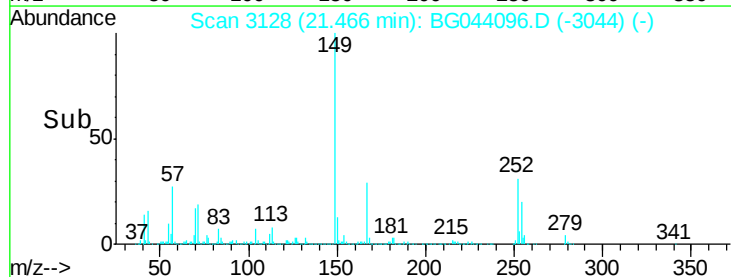
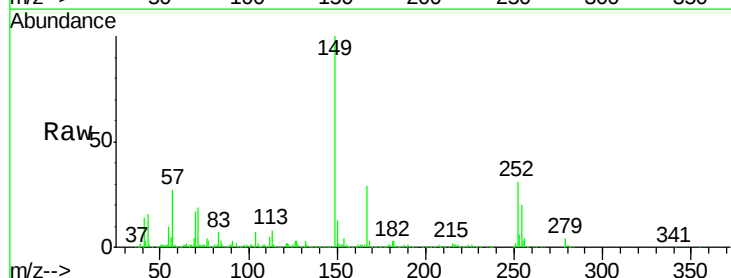
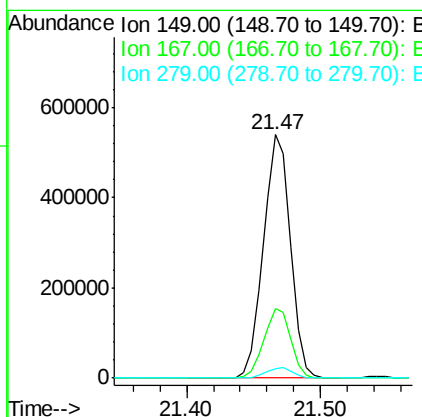
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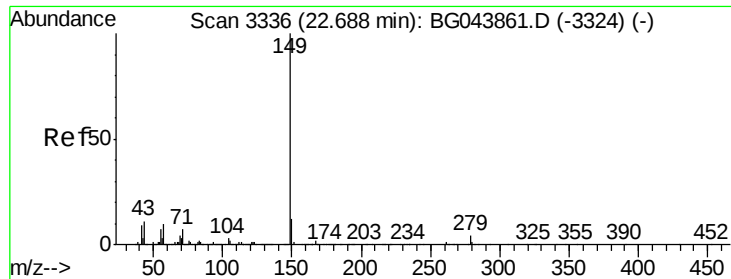
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.730 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion:149 Resp: 752500
Ion Ratio Lower Upper
149 100
167 28.8 24.7 37.1
279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.404 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Instrument :

BNA_G

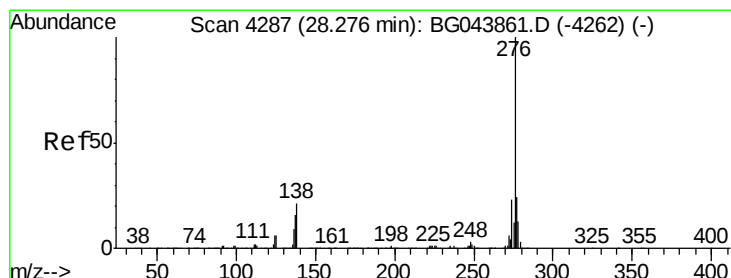
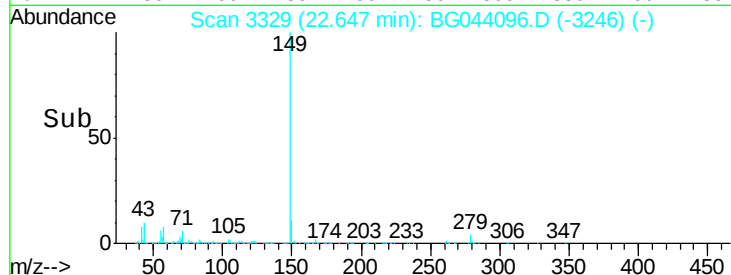
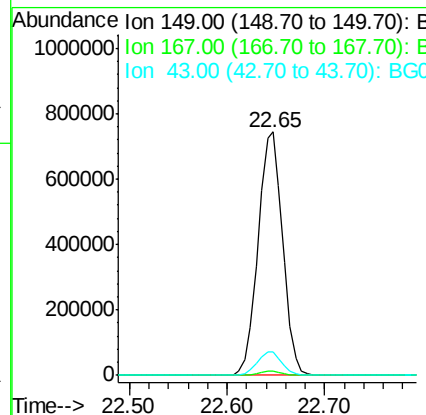
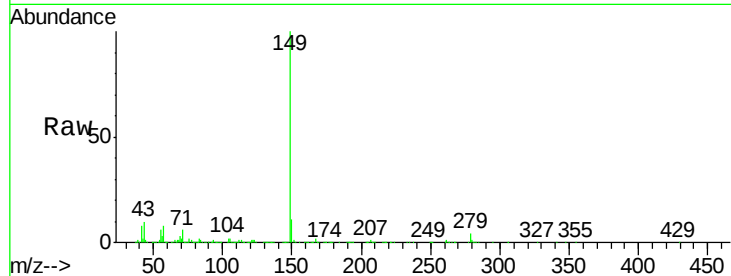
ClientSampleId :

PB126166BS

Tot Ion:	149	Resp:	1314654
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.7	8.8	13.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.172 ng

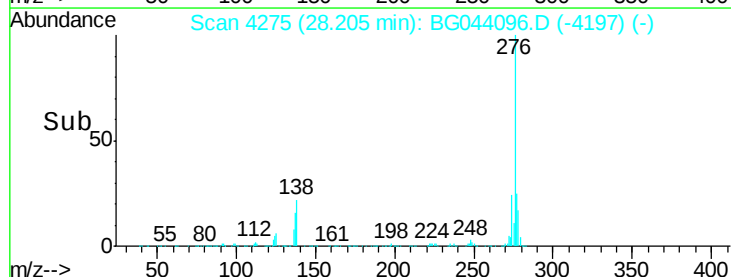
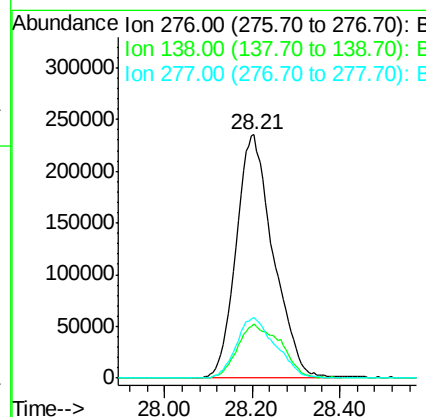
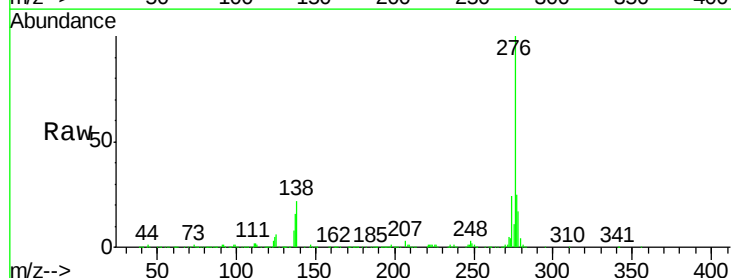
RT: 28.21 min Scan# 4275

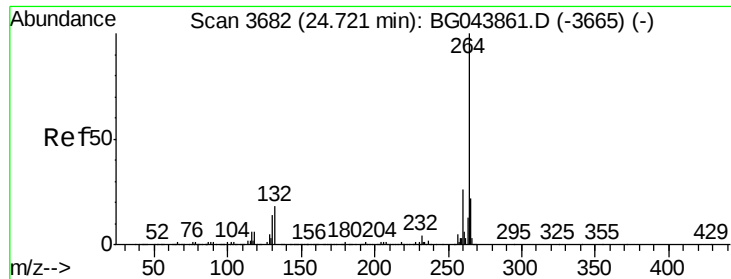
Delta R.T. -0.07 min

Lab File: BG044096.D

Acq: 20 Jan 2020 13:47

Tgt Ion:	276	Resp:	1353963
Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.0	31.4
277	26.4	21.1	31.7





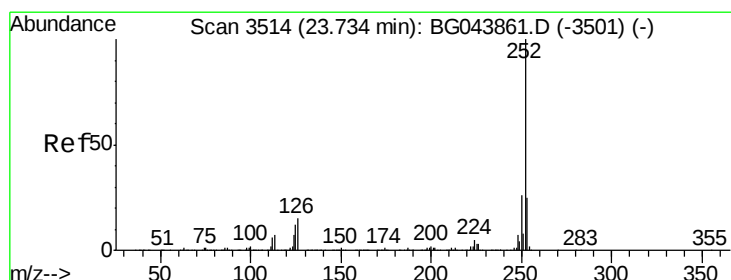
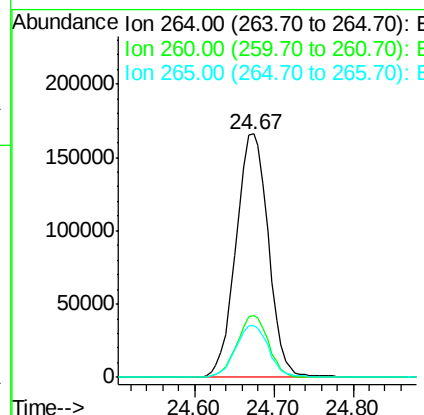
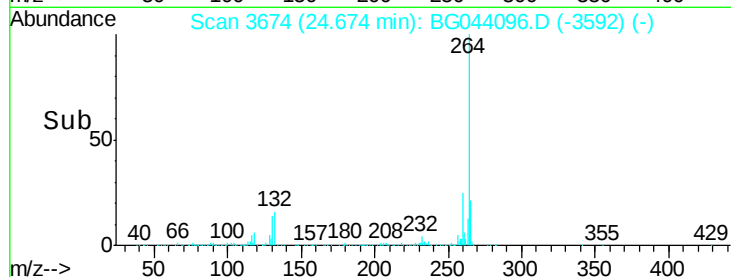
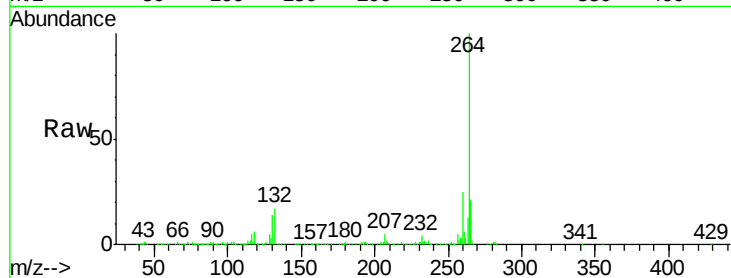
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	21.4	17.4	26.2

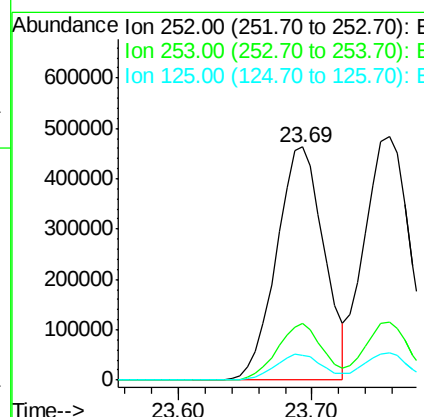
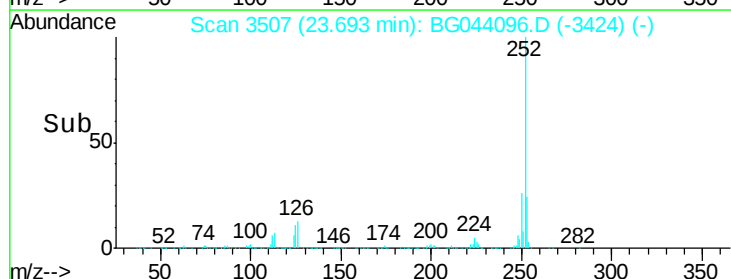
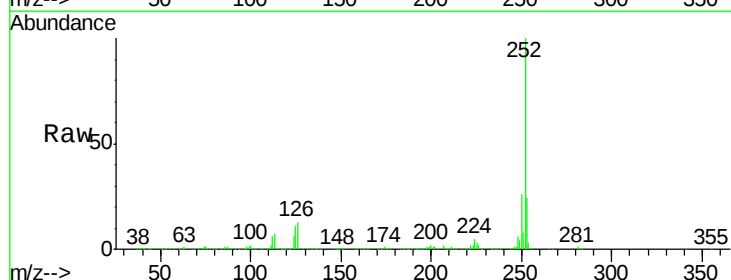
Manual Integrations
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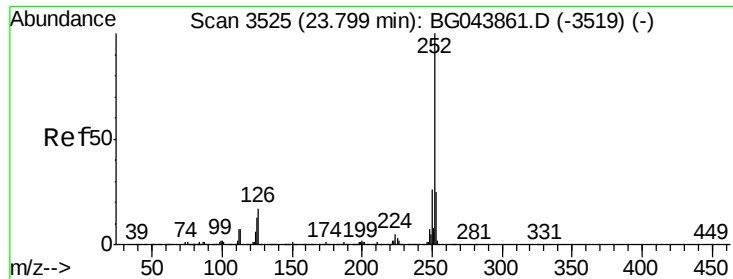
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#88
Benzo(b)fluoranthene
Concen: 41.047 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.7	29.5
125	10.8	9.4	14.2





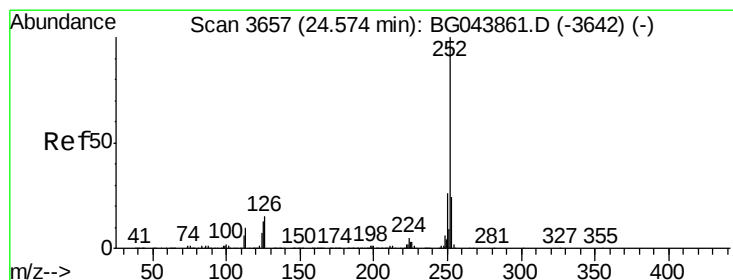
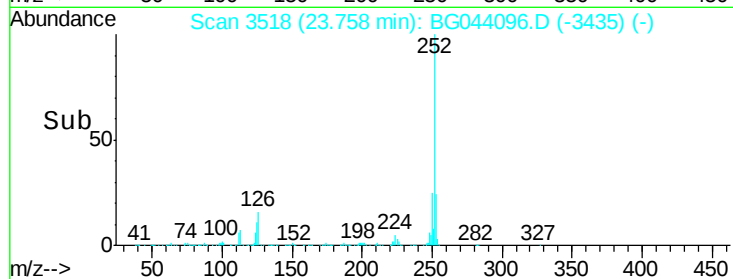
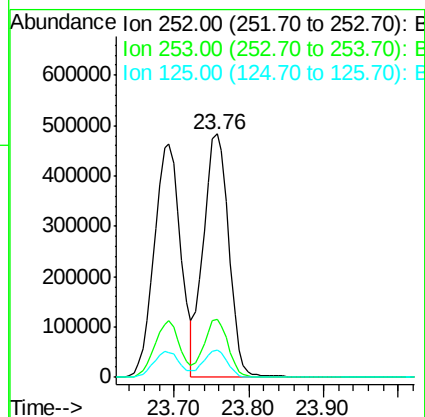
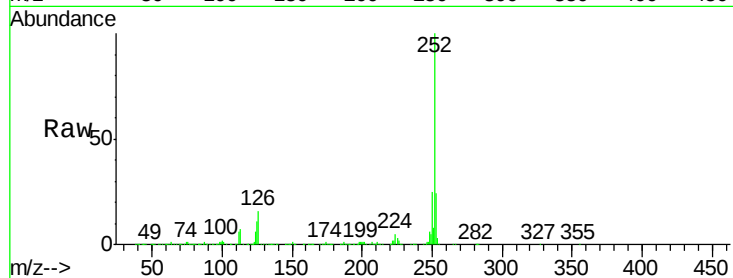
#89
Benzo(k)fluoranthene
Concen: 43.112 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion:252 Resp: 1140338
Ion Ratio Lower Upper
252 100
253 24.0 19.4 29.2
125 11.5 9.9 14.9

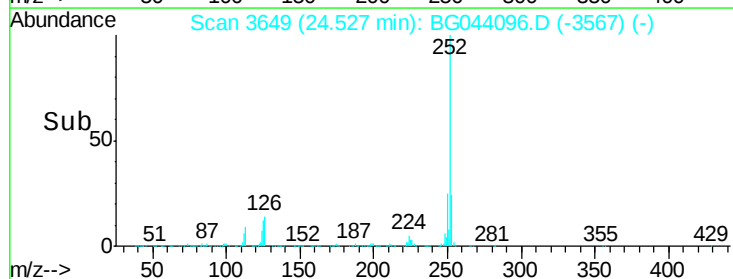
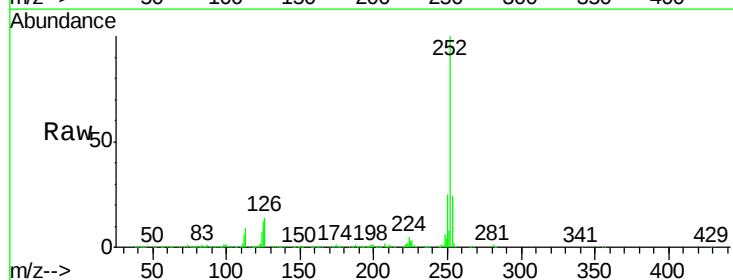
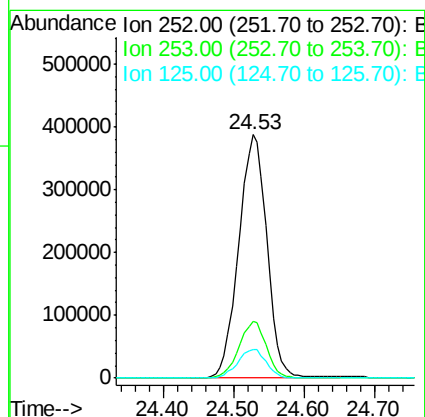
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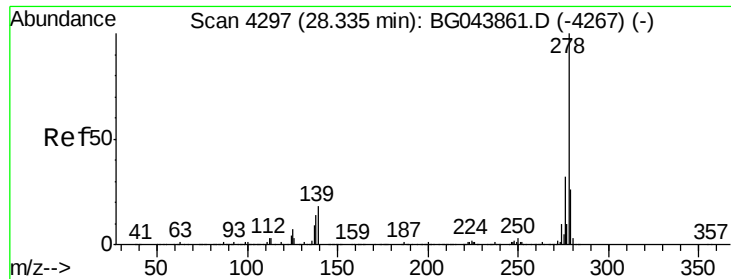
mohammad
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#90
Benzo(a)pyrene
Concen: 40.987 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion:252 Resp: 1076041
Ion Ratio Lower Upper
252 100
253 23.5 19.3 28.9
125 11.6 10.4 15.6





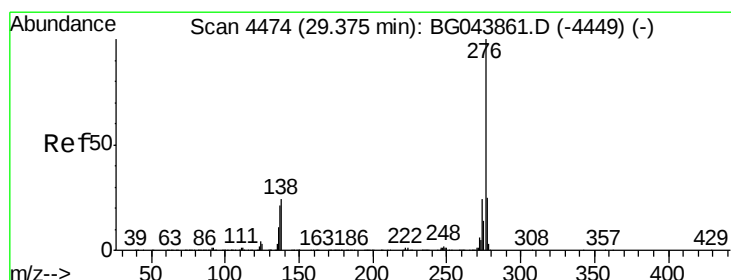
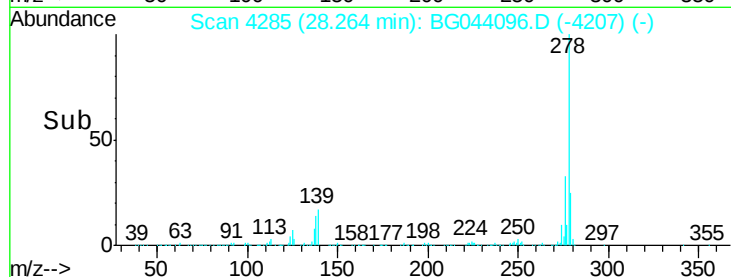
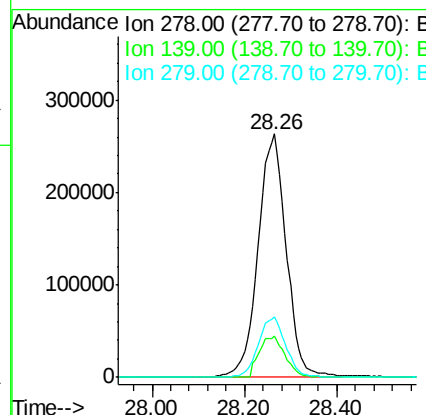
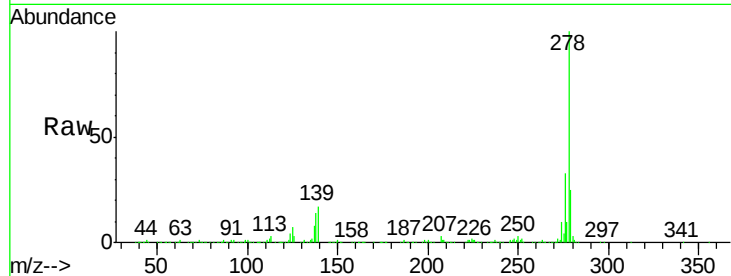
#91
Dibenzo(a,h)anthracene
Concen: 42.227 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.07 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Instrument :
BNA_G
ClientSampleId :
PB126166BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.4
279	24.6	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:20 PM



#92
Benzo(g,h,i)perylene
Concen: 43.250 ng
RT: 29.30 min Scan# 4462
Delta R.T. -0.07 min
Lab File: BG044096.D
Acq: 20 Jan 2020 13:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.2	30.4
138	22.6	19.0	28.6

