

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044172.D
 Acq On : 23 Jan 2020 18:16
 Operator : JU
 Sample : PB126290BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Manual Integrations
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mohammad
 1/24/2020 1:53:44 PM

Quant Time: Jan 24 05:43:41 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	75287	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	318910	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	217080	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	459986	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	388596	20.00	ng	-0.03
87) Perylene-d12	24.66	264	441228	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	424007	103.41	ng	-0.03
7) Phenol-d6	7.10	99	581189	101.40	ng	-0.03
23) Nitrobenzene-d5	9.08	82	464326	77.89	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	219419	96.59	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1066970	89.05	ng	-0.03
79) Terphenyl-d14	19.92	244	1531370	99.15	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	87457	48.918	ng	96
3) Pyridine	3.78	79	209790	39.721	ng	94
4) n-Nitrosodimethylamine	3.70	42	104896	44.609	ng	100
6) Aniline	7.25	93	264901	35.188	ng	96
8) 2-Chlorophenol	7.50	128	257683	53.531	ng	97
9) Benzaldehyde	7.06	77	129612	35.333	ng	98
10) Phenol	7.13	94	321956	54.520	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	232131	45.539	ng	100
12) 1,3-Dichlorobenzene	7.82	146	263175	46.720	ng	100
13) 1,4-Dichlorobenzene	7.96	146	263814	47.466	ng	98
14) 1,2-Dichlorobenzene	8.29	146	248981	46.671	ng	98
15) Benzyl Alcohol	8.17	79	212688	47.019	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	316734	40.163	ng	99
17) 2-Methylphenol	8.38	107	225130	52.682	ng	97
18) Hexachloroethane	9.01	117	99199	45.869	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	185778	43.525	ng	98
20) 3+4-Methylphenols	8.70	107	308125	51.686	ng	97
22) Acetophenone	8.75	105	350407	44.197	ng	# 98
24) Nitrobenzene	9.13	77	270364	45.791	ng	97
25) Isophorone	9.65	82	513529	45.916	ng	98
26) 2-Nitrophenol	9.84	139	144791	51.833	ng	98
27) 2,4-Dimethylphenol	9.91	122	249565	59.350	ng	96
28) bis(2-Chloroethoxy)methane	10.14	93	326765	43.824	ng	99
29) 2,4-Dichlorophenol	10.38	162	258841	51.605	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	252730	44.939	ng	99
31) Naphthalene	10.78	128	758510	49.150	ng	98
32) Benzoic acid	10.06	122	119804	36.684	ng	93
33) 4-Chloroaniline	10.89	127	188670	25.632	ng	96
34) Hexachlorobutadiene	11.08	225	146506	42.667	ng	100
35) Caprolactam	11.65	113	96240m	51.542	ng	
36) 4-Chloro-3-methylphenol	12.02	107	285411	53.452	ng	98
37) 2-Methylnaphthalene	12.39	142	576153	49.589	ng	95
38) 1-Methylnaphthalene	12.61	142	544058	49.407	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	271951	42.742	ng	98

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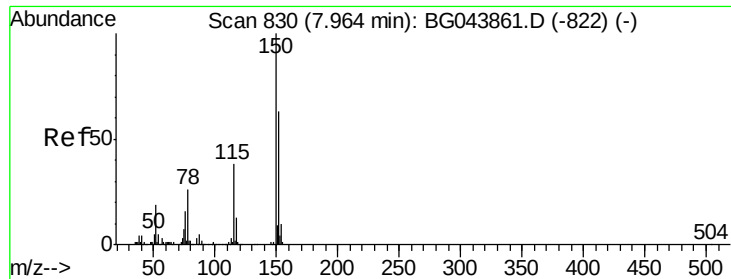
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	359467	108.975	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	208882	47.712	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	226047	50.061	ng	99
46) 1,1'-Biphenyl	13.40	154	730120	46.910	ng	97
47) 2-Chloronaphthalene	13.44	162	569680	45.296	ng	98
48) 2-Nitroaniline	13.64	65	178929	44.228	ng	98
49) Acenaphthylene	14.28	152	916655	50.709	ng	97
50) Dimethylphthalate	14.02	163	731784	47.477	ng	99
51) 2,6-Dinitrotoluene	14.13	165	169953	48.784	ng	97
52) Acenaphthene	14.63	154	564748	44.549	ng	97
53) 3-Nitroaniline	14.46	138	122055	30.852	ng	100
54) 2,4-Dinitrophenol	14.67	184	165472	92.325	ng	96
55) Dibenzofuran	14.97	168	876801	50.242	ng	97
56) 4-Nitrophenol	14.78	139	305315	100.710	ng	96
57) 2,4-Dinitrotoluene	14.92	165	234253	49.416	ng	99
58) Fluorene	15.61	166	693737	50.155	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	197449	50.853	ng	97
60) Diethylphthalate	15.39	149	752427	48.806	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	358001	47.665	ng	98
62) 4-Nitroaniline	15.63	138	170930	43.752	ng	97
63) Azobenzene	15.90	77	698026	48.823	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	132272	55.097	ng	97
66) n-Nitrosodiphenylamine	15.82	169	651522	48.097	ng	97
67) 4-Bromophenyl-phenylether	16.50	248	232241	44.891	ng	98
68) Hexachlorobenzene	16.62	284	251108	45.046	ng	100
69) Atrazine	16.77	200	235483	53.480	ng	99
70) Pentachlorophenol	16.96	266	270123	87.903	ng	99
71) Phenanthrene	17.35	178	1081676	49.026	ng	97
72) Anthracene	17.44	178	1109162	50.868	ng	97
73) Carbazole	17.71	167	988892	49.097	ng	97
74) Di-n-butylphthalate	18.28	149	1224625	47.622	ng	97
75) Fluoranthene	19.36	202	1232809	48.858	ng	97
77) Benzidine	19.54	184	511759	52.393	ng	98
78) Pyrene	19.72	202	1245511	49.103	ng	97
80) Butylbenzylphthalate	20.61	149	568630	47.087	ng	97
81) Benzo(a)anthracene	21.54	228	1176344	48.820	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	338481	35.556	ng	98
83) Chrysene	21.60	228	1136375	49.633	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	804165	48.261	ng	98
85) Di-n-octyl phthalate	22.63	149	1413243	50.450	ng	96
86) Indeno(1,2,3-cd)pyrene	28.19	276	1449240	46.576	ng	# 93
88) Benzo(b)fluoranthene	23.68	252	1251036	47.961	ng	98
89) Benzo(k)fluoranthene	23.75	252	1216828	49.057	ng	97
90) Benzo(a)pyrene	24.52	252	1158420	47.054	ng	97
91) Dibenzo(a,h)anthracene	28.24	278	1196846	48.407	ng	98
92) Benzo(g,h,i)perylene	29.28	276	1231802	50.156	ng	96

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



#1

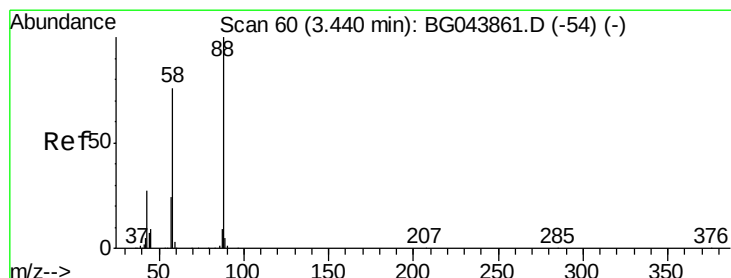
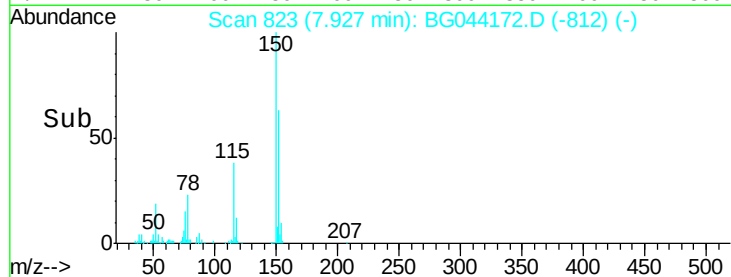
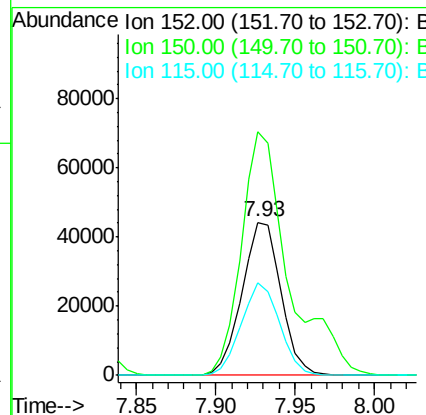
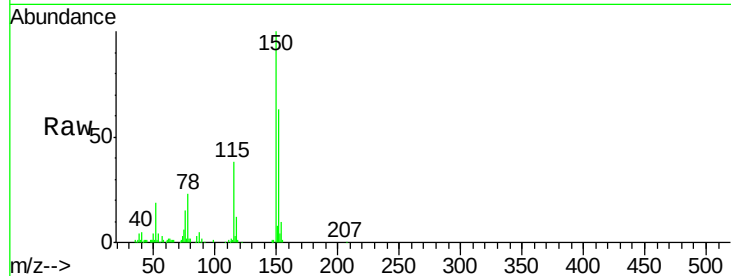
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.0	190.4
115	60.4	47.8	71.8

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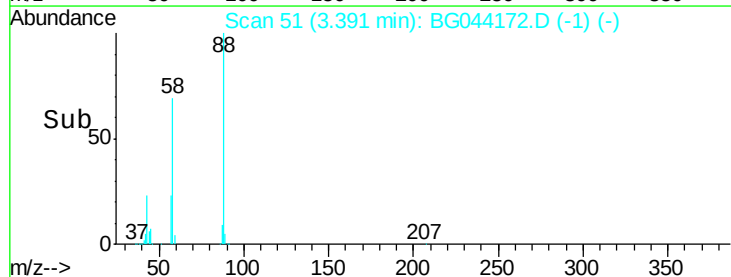
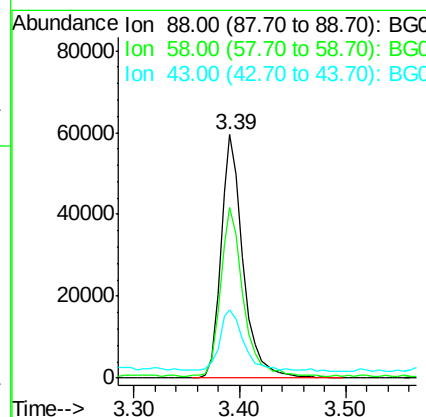
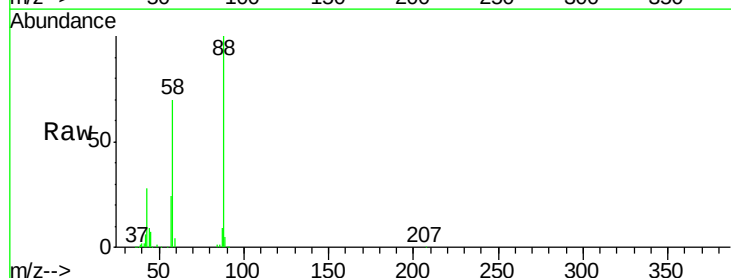
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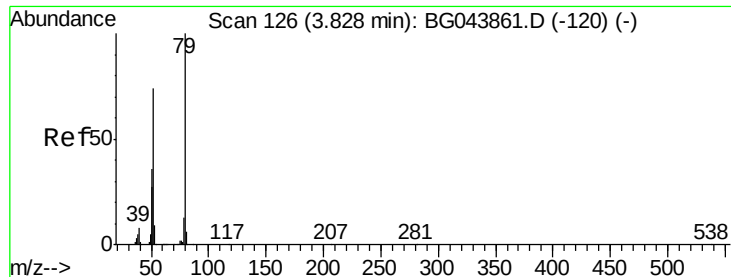


#2

1,4-Dioxane
Concen: 48.918 ng
RT: 3.39 min Scan# 51
Delta R.T. -0.05 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	59.8	89.8
43	26.8	22.9	34.3





#3

Pvridine

Concen: 39.721 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

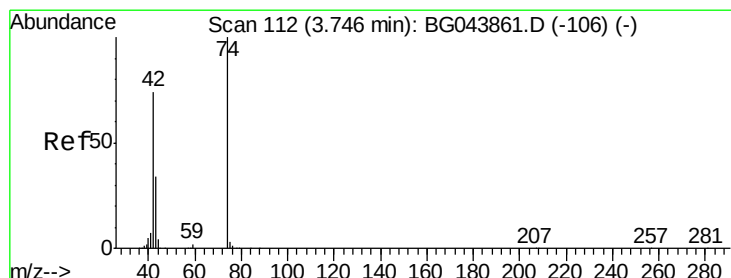
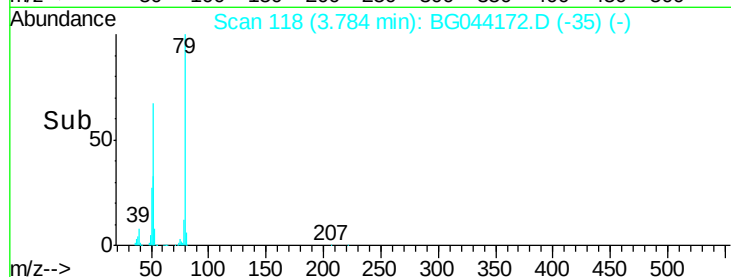
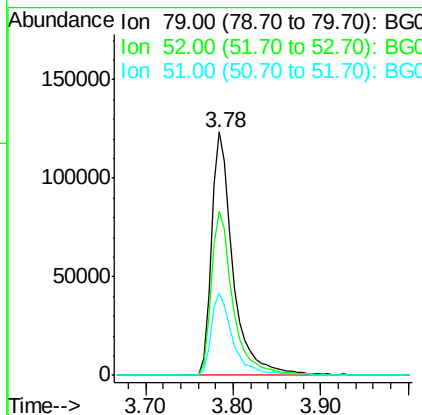
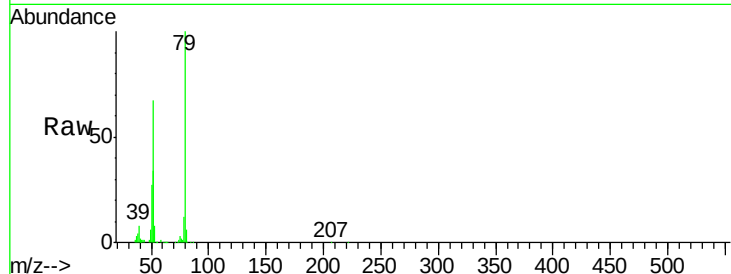
ClientSampleId :

PB126290BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	209790		
52	52	67.3		58.9	88.3
51	51	33.6		28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 44.609 ng

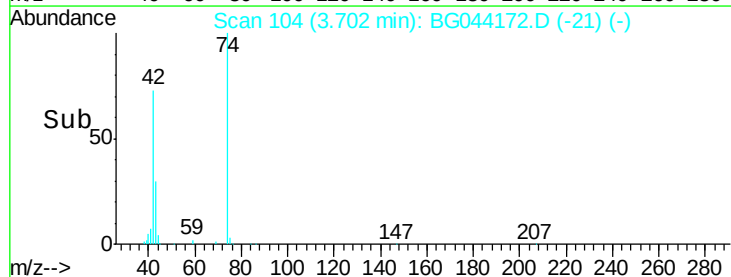
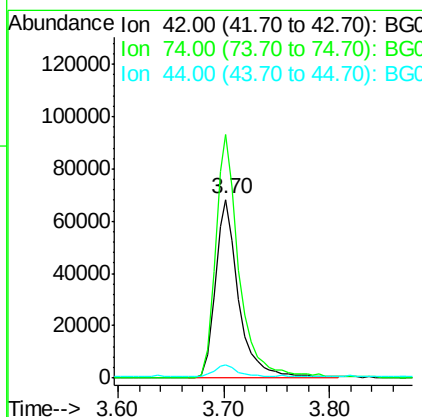
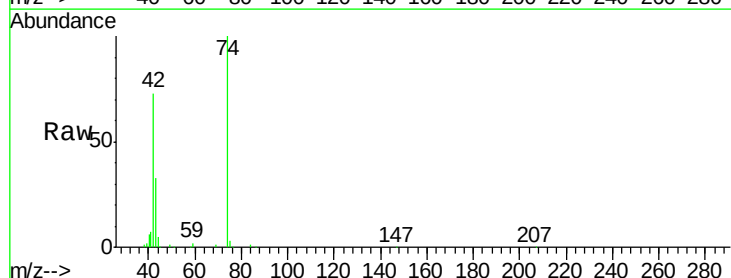
RT: 3.70 min Scan# 104

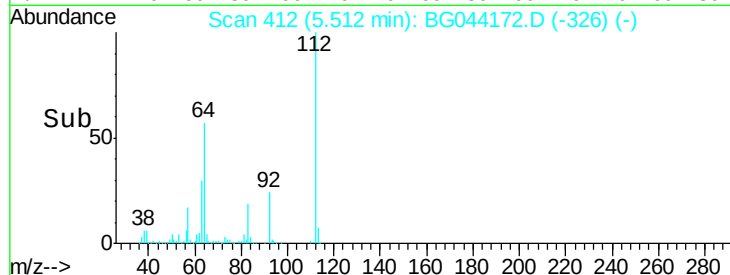
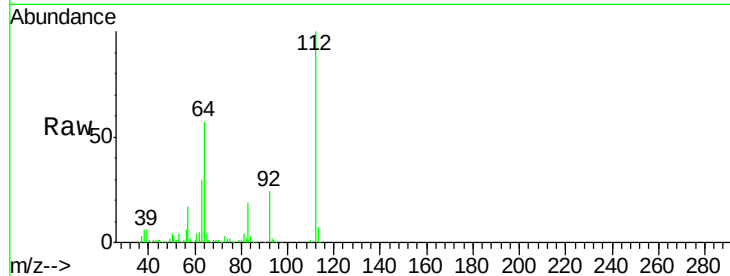
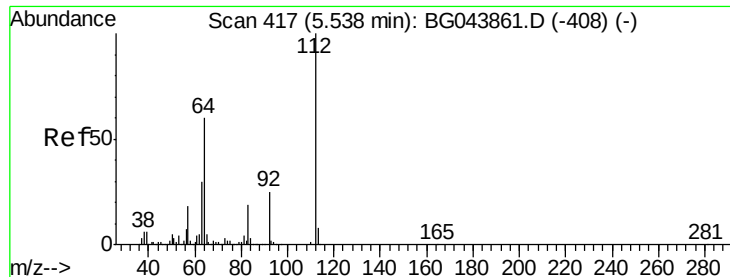
Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	104896		
74	74	136.1		108.6	162.8
44	44	7.3		5.0	7.6





#5

2-Fluorophenol

Concen: 103.408 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tot Ion:	112	Resp:	424007
Ion Ratio	Lower	Upper	
112	100		
64	57.2	47.8	71.6
63	30.0	24.3	36.5

Instrument :

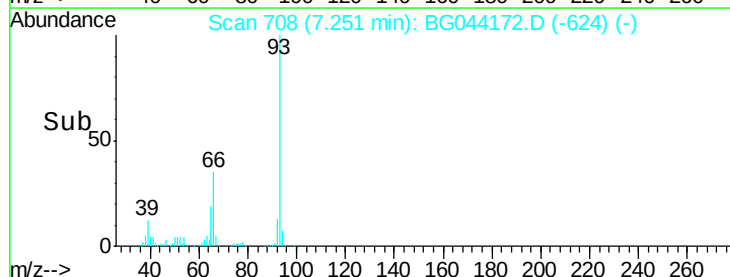
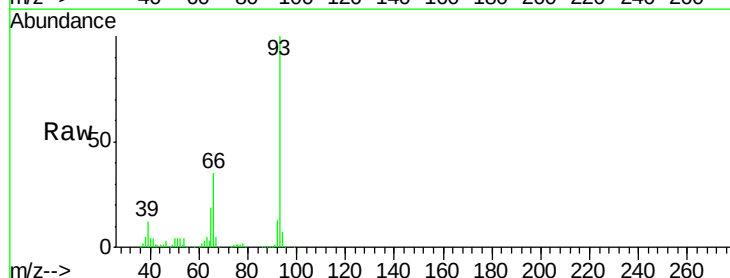
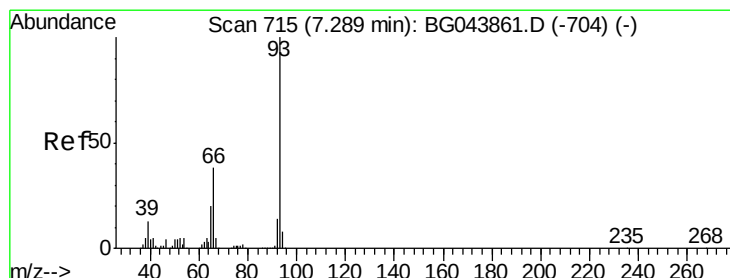
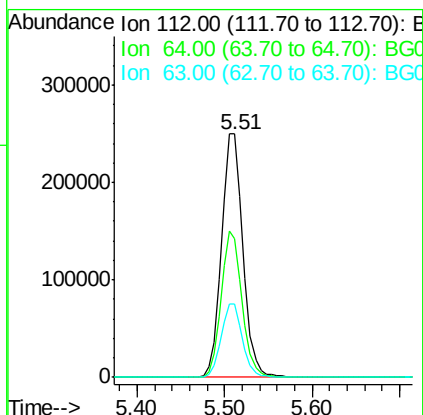
BNA_G

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PB126290BSD

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#6

Aniline

Concen: 35.188 ng

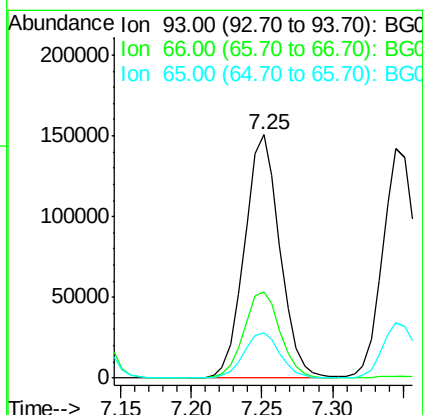
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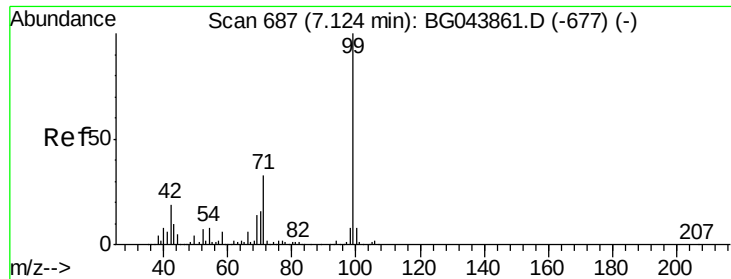
Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	93	Resp:	264901
Ion Ratio	Lower	Upper	
93	100		
66	35.4	30.8	46.2
65	18.5	16.0	24.0





#7

Phenol-d6

Concen: 101.402 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

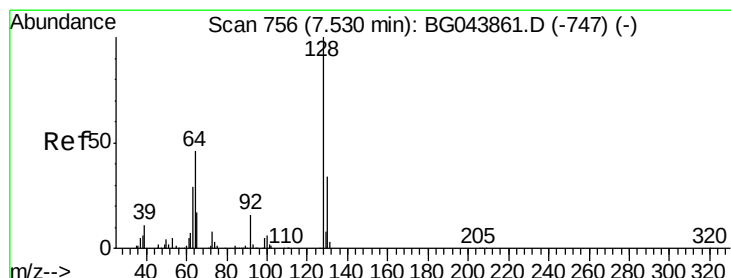
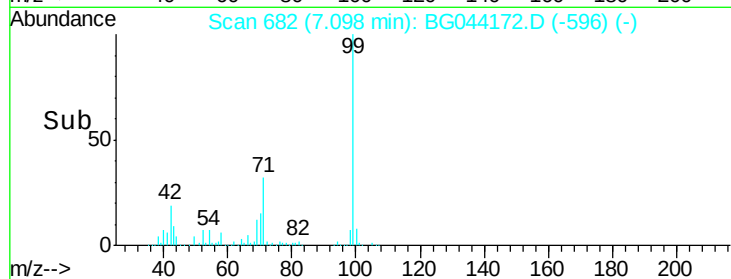
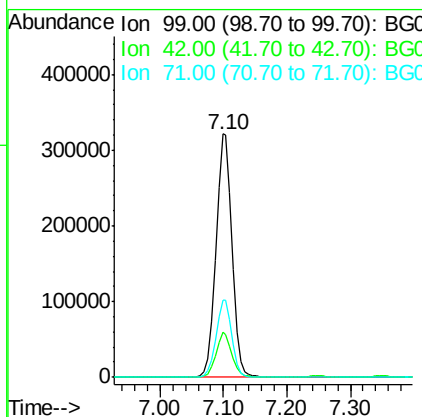
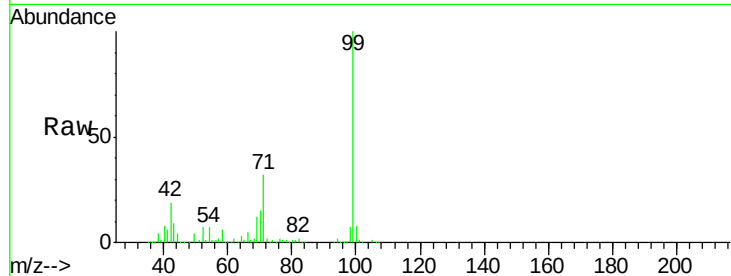
ClientSampleId :

PB126290BSD

Tot Ion:	99	Resp:	581189
Ion Ratio		Lower	Upper
99	100		
42	18.6	14.9	22.3
71	32.0	26.4	39.6

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#8

2-Chlorophenol

Concen: 53.531 ng

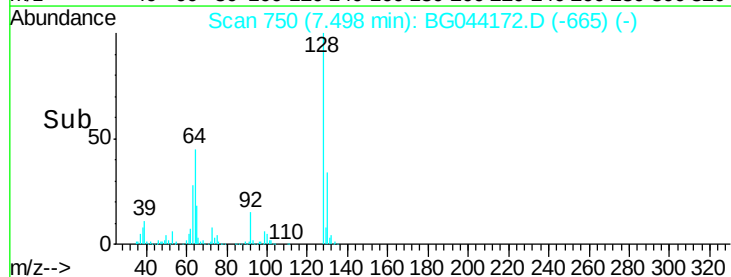
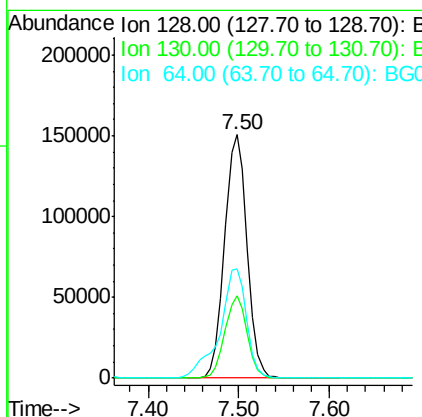
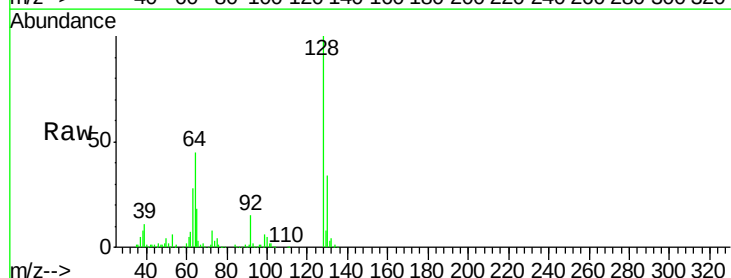
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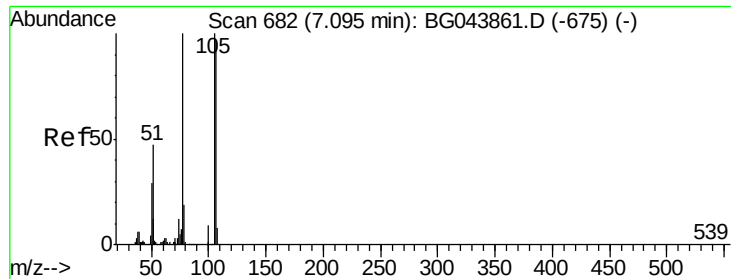
Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	128	Resp:	257683
Ion Ratio		Lower	Upper
128	100		
130	34.0	13.8	53.8
64	44.7	27.6	67.6





#9

Benzaldehyde

Concen: 35.333 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

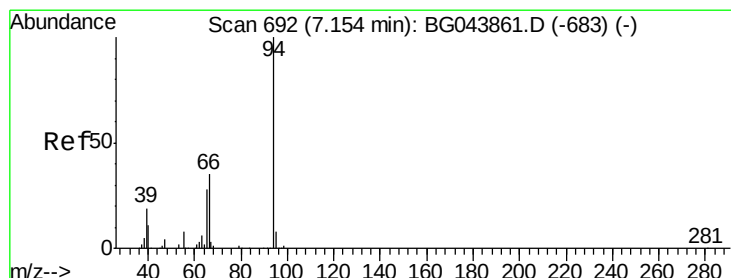
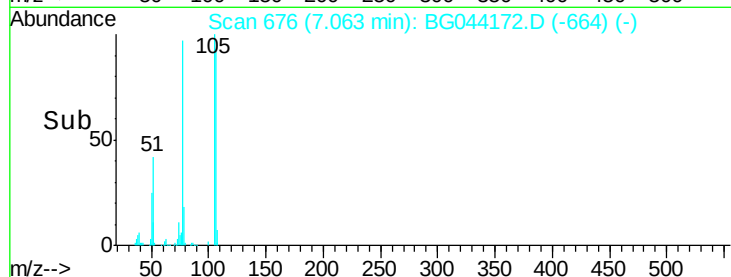
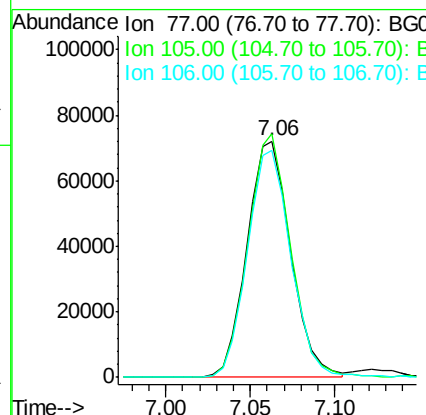
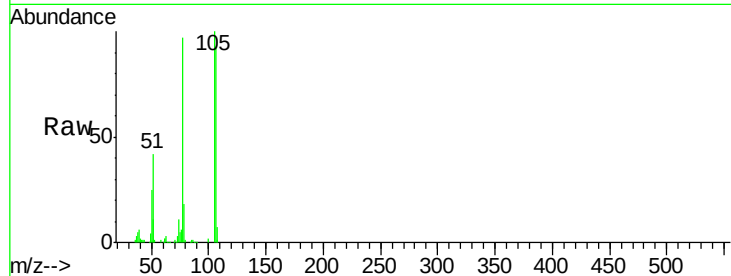
ClientSampleId :

PB126290BSD

Tot Ion:	77	Resp:	129612
Ion	Ratio	Lower	Upper
77	100		
105	103.2	80.2	120.2
106	96.1	77.2	117.2

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#10

Phenol

Concen: 54.520 ng

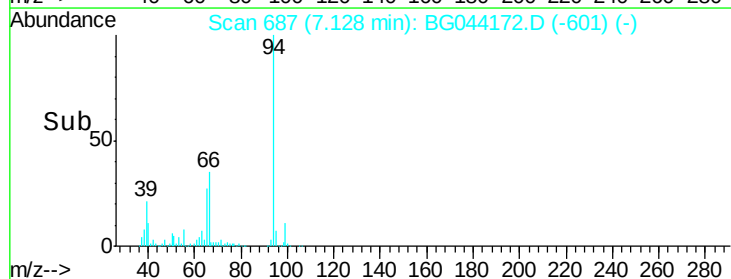
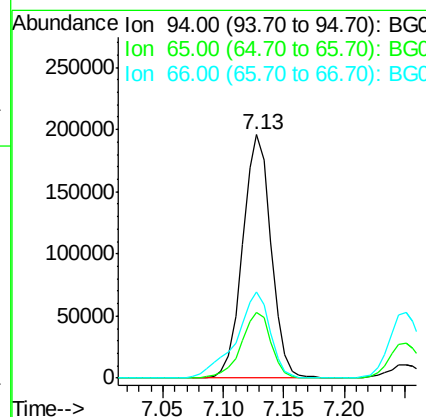
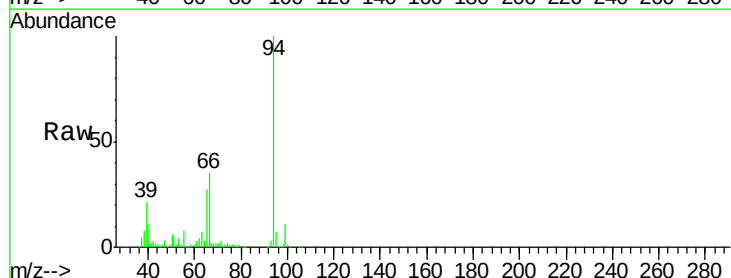
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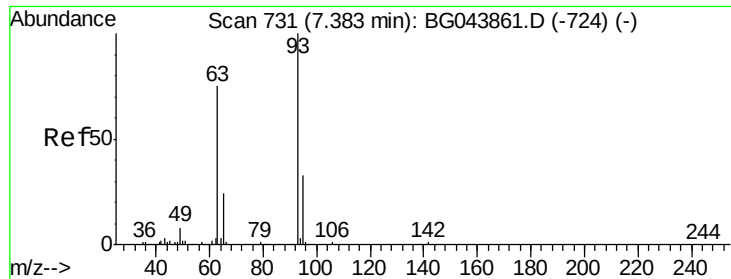
Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	94	Resp:	321956
Ion	Ratio	Lower	Upper
94	100		
65	27.1	8.1	48.1
66	35.2	15.6	55.6





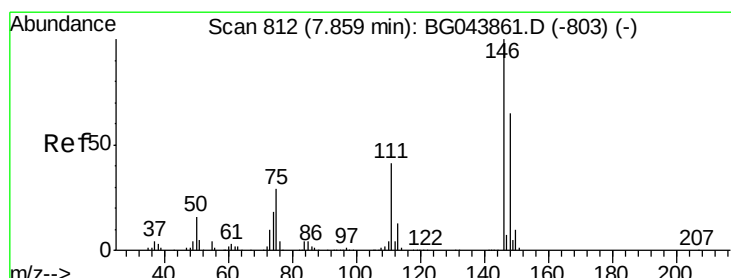
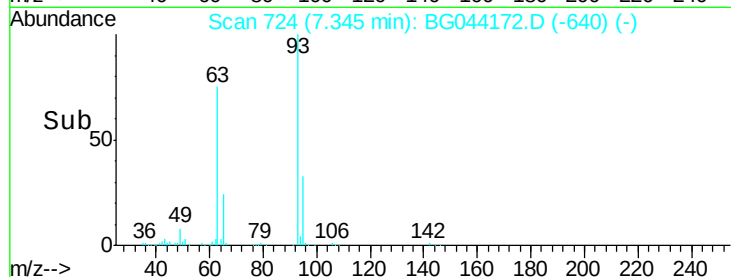
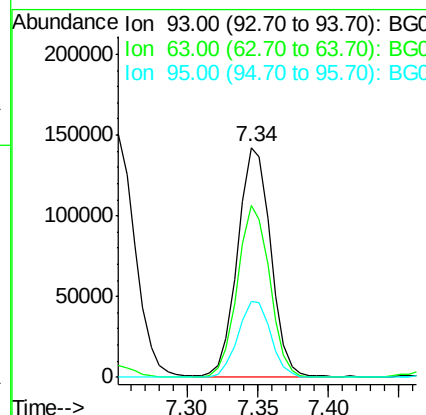
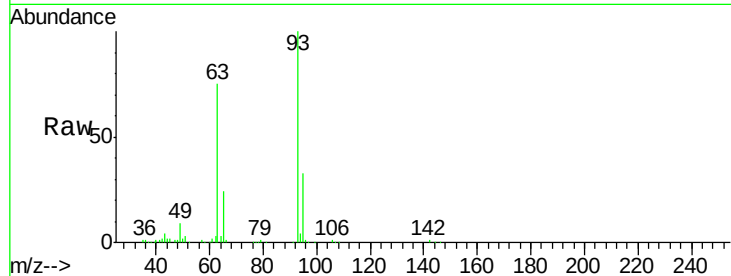
#11
bis(2-Chloroethyl)ether
Concen: 45.539 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		232131		
63	74.9	55.0	95.0		
95	33.1	13.3	53.3		

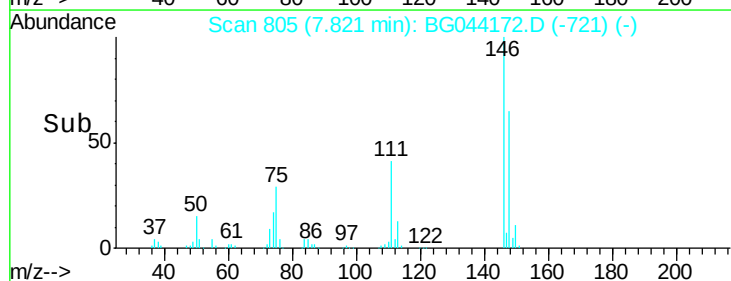
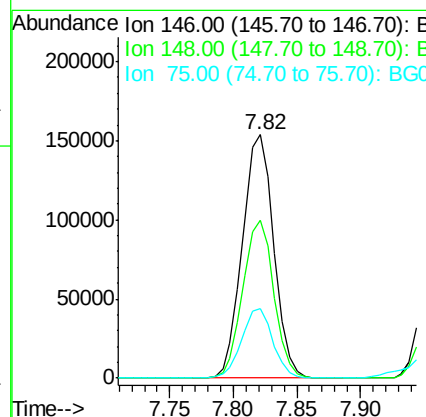
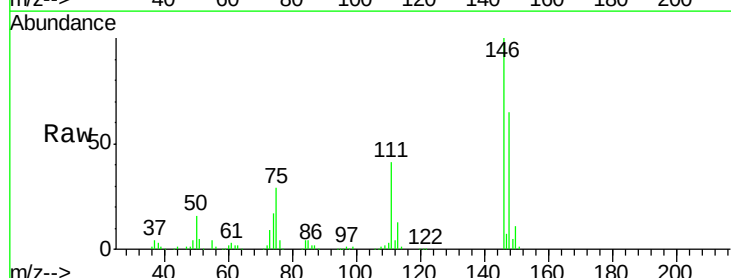
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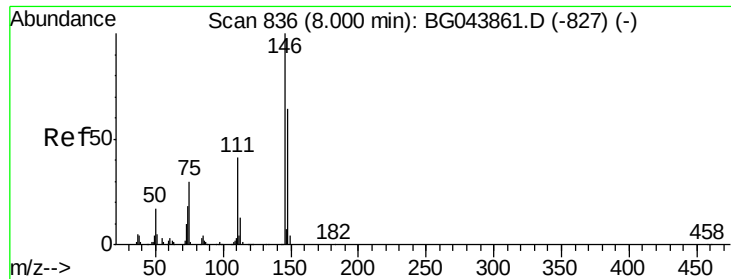
mohammad
1/24/2020 1:53:44 PM



#12
1,3-Dichlorobenzene
Concen: 46.720 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		263175		
148	64.8	52.1	78.1		
75	28.8	23.0	34.4		





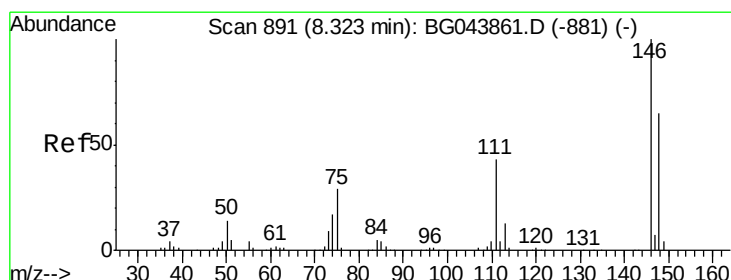
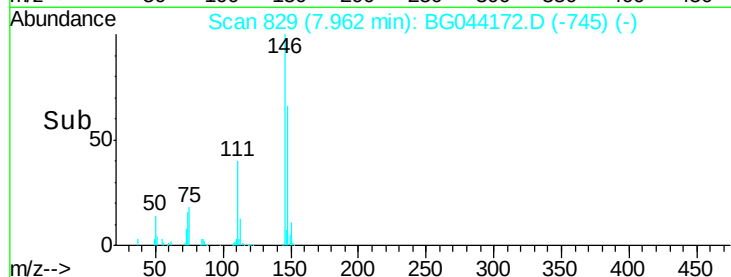
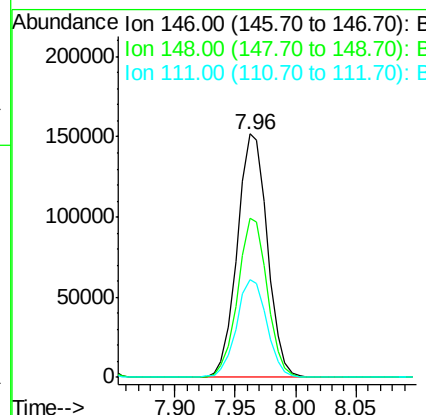
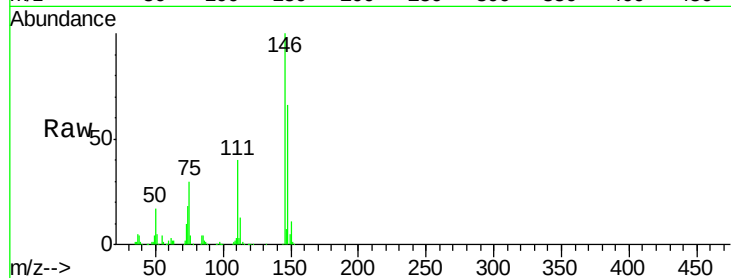
#13
 1,4-Dichlorobenzene
 Concen: 47.466 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	40.4	33.1	49.7

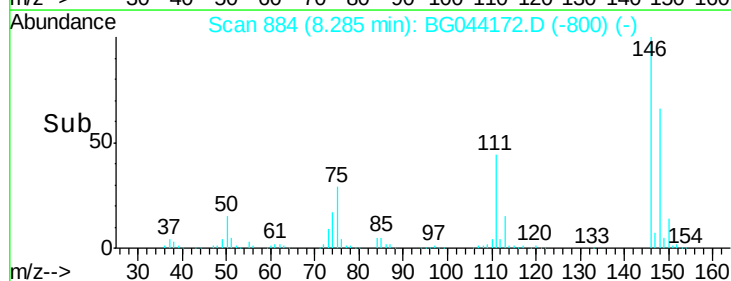
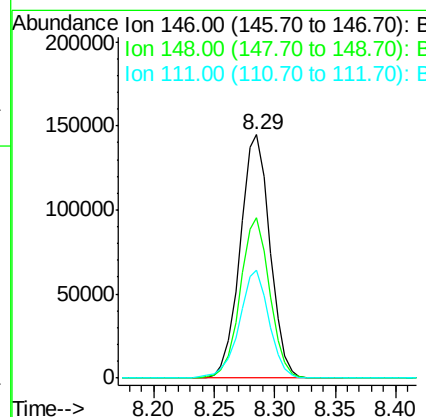
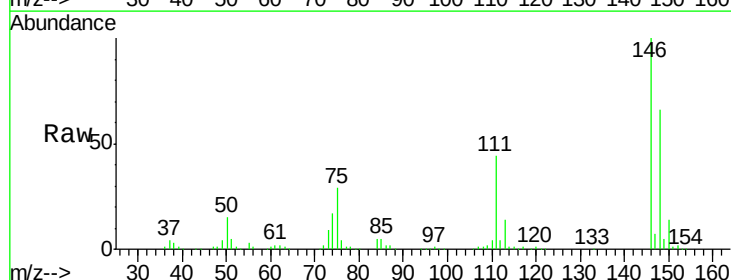
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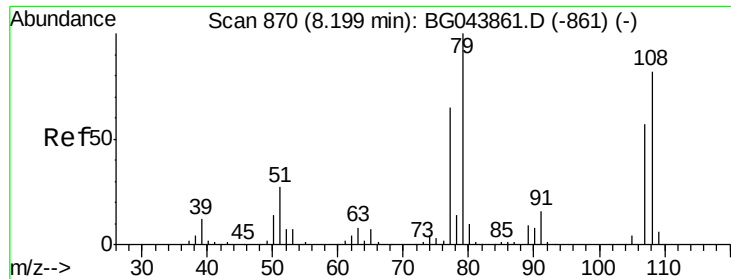
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.671 ng
 RT: 8.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.7	77.5
111	44.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 47.019 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

Tot Ion: 79 Resp: 212688

Ion Ratio Lower Upper

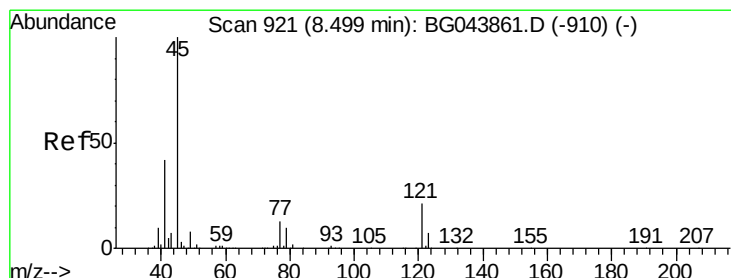
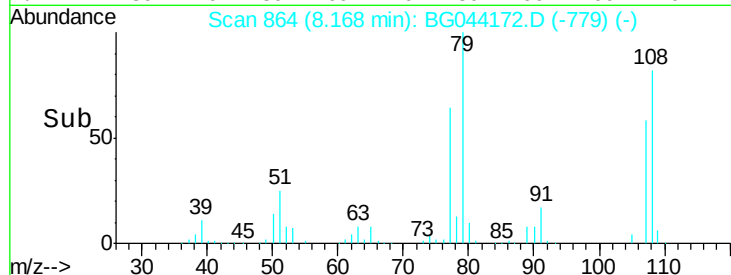
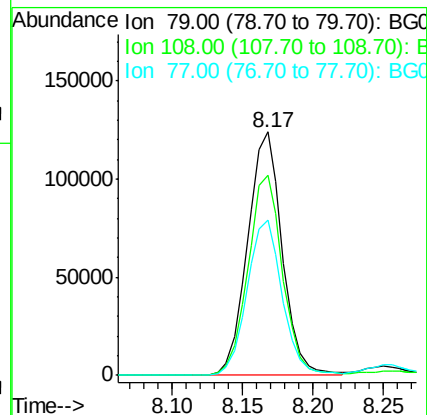
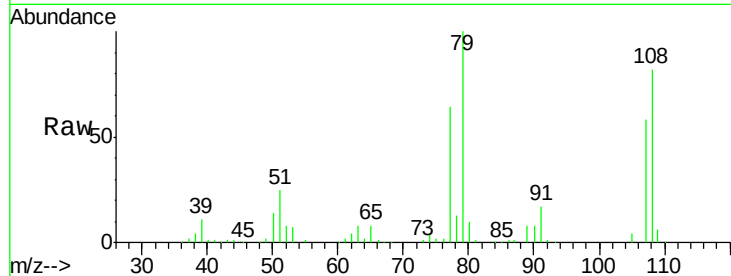
79 100

108 82.0 65.6 98.4

77 64.0 52.0 78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.163 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

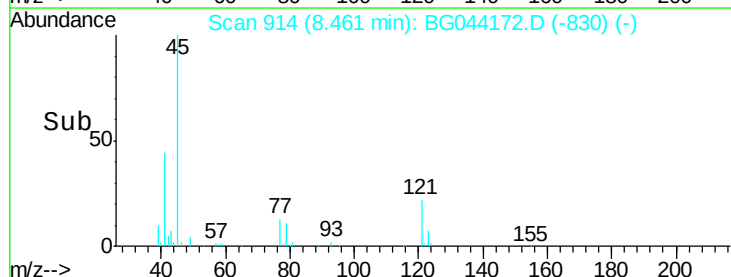
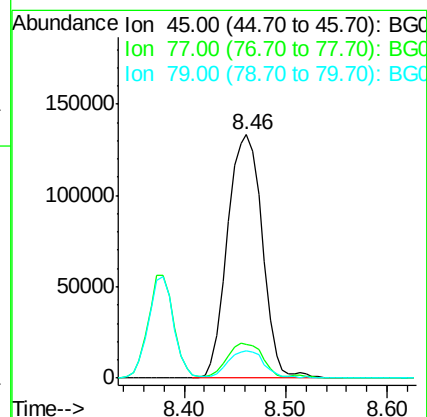
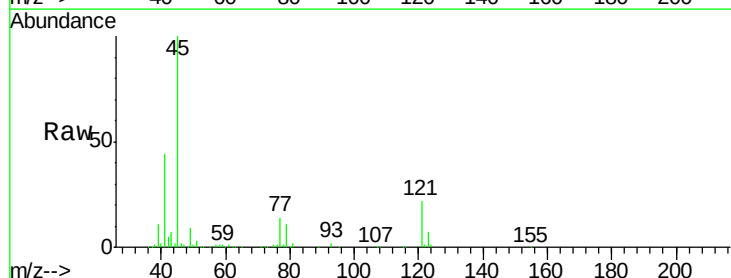
Tgt Ion: 45 Resp: 316734

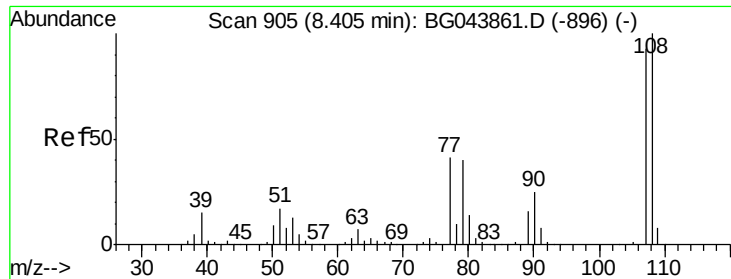
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.8

79 11.5 0.0 31.0





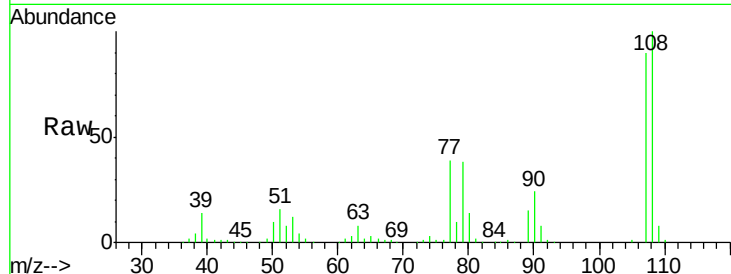
#17
2-Methylphenol
Concen: 52.682 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	225130		
108	111.4	86.1	129.1	
77	43.2	35.4	53.0	
79	42.5	34.8	52.2	

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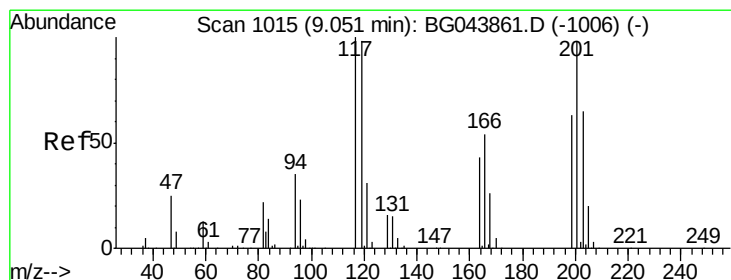
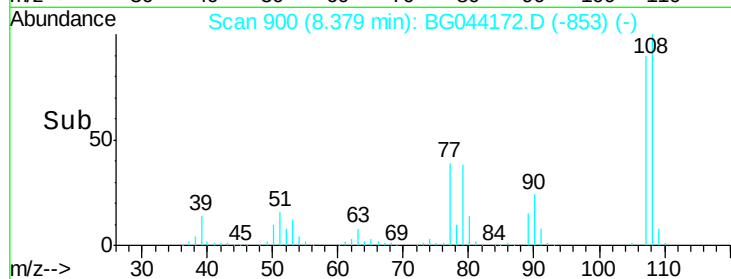
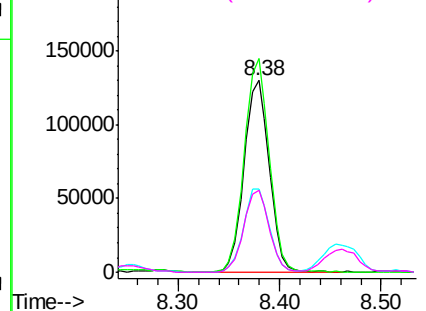
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

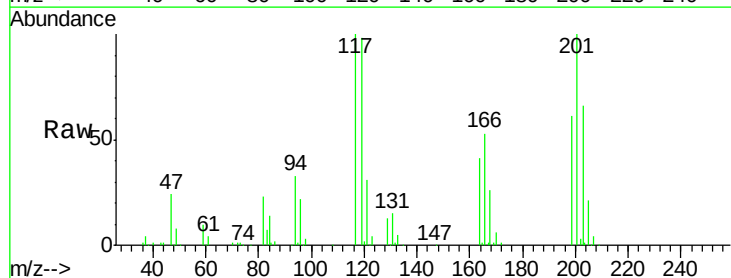
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.869 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	99199		
119	97.6	78.1	117.1	
201	99.8	78.6	117.8	

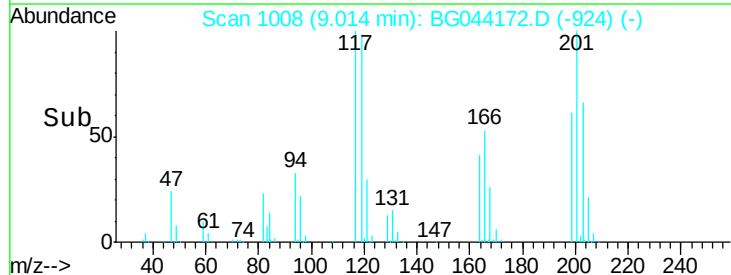
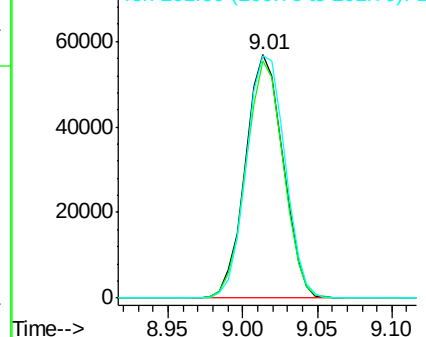


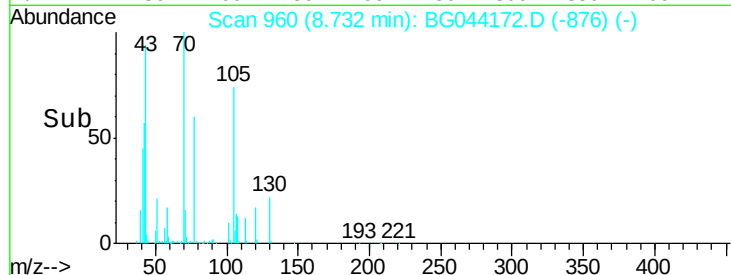
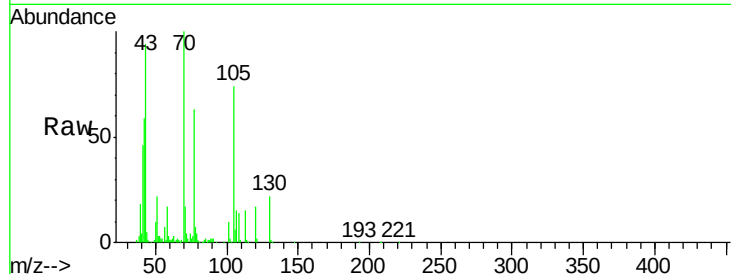
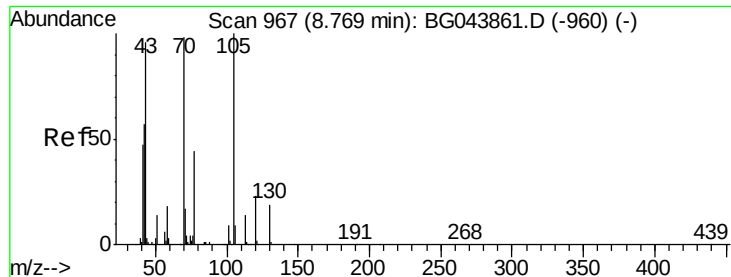
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





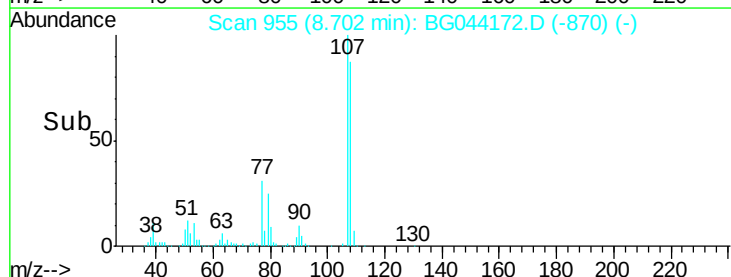
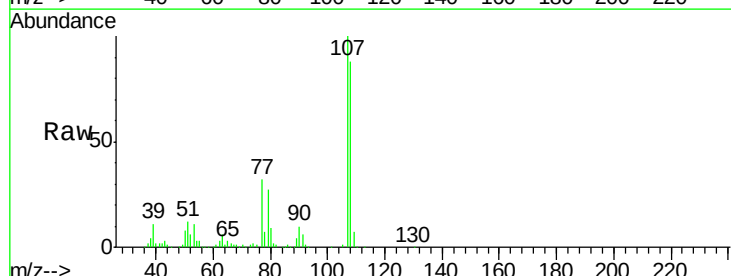
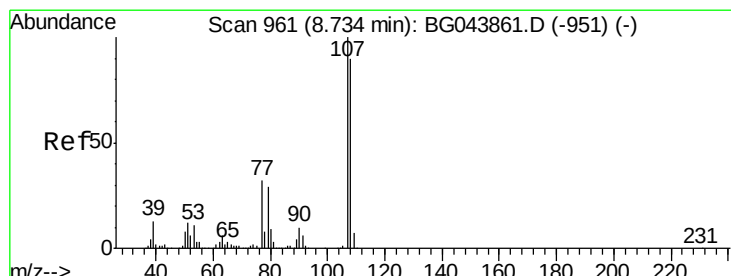
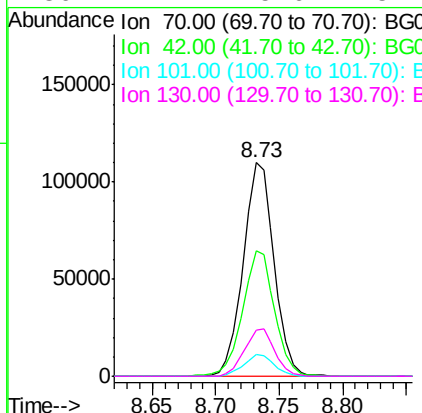
#19
n-Nitroso-di-n-propylamine
Concen: 43.525 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

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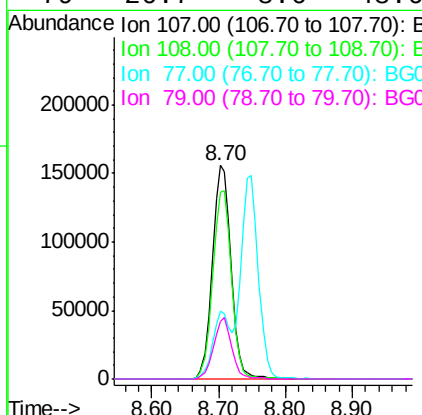
mohammad
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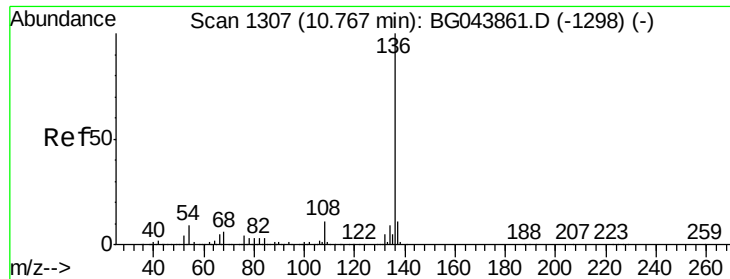
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.9	47.0	70.4	
101	10.1	7.2	10.8	
130	21.7	15.6	23.4	



#20
3+4-Methylphenols
Concen: 51.686 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	70.3	110.3	
77	31.8	12.4	52.4	
79	26.7	8.6	48.6	





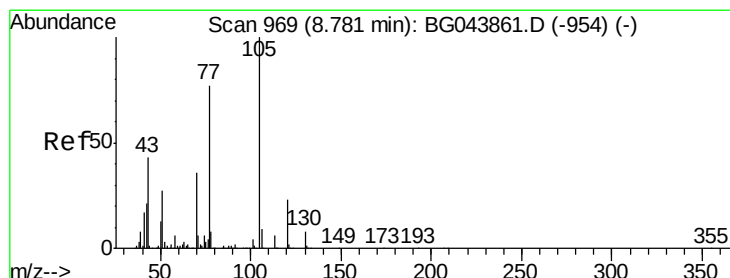
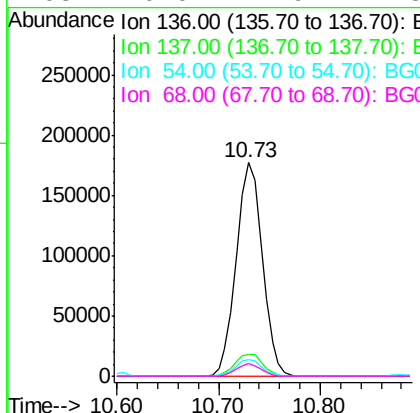
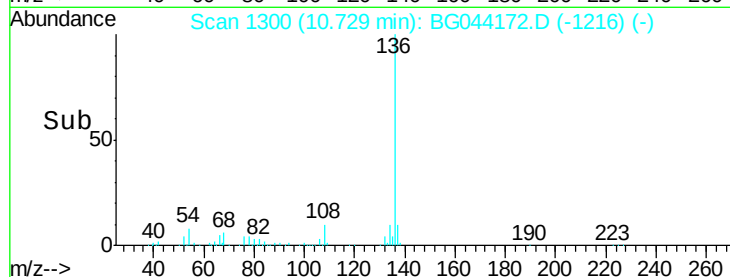
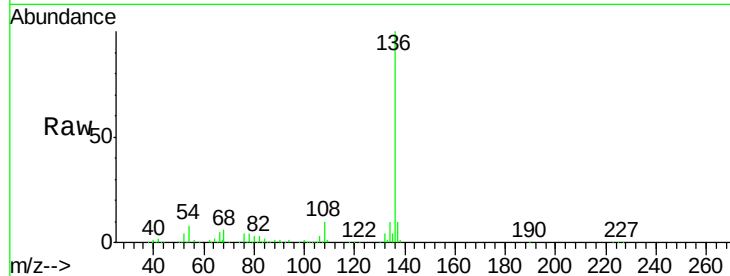
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		318910		
137	10.3		8.8	13.2	
54	7.8		7.0	10.4	
68	6.0		4.9	7.3	

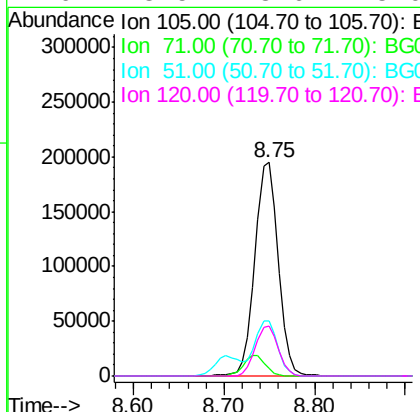
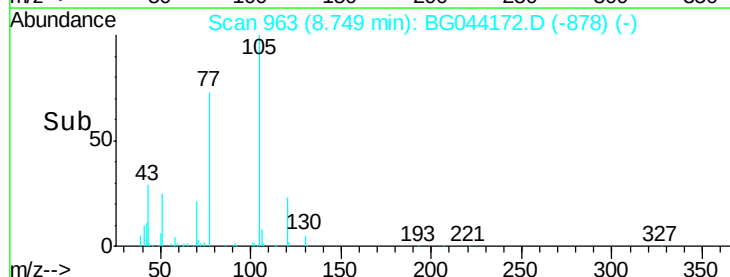
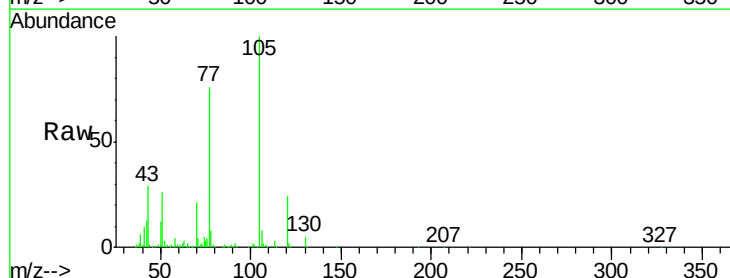
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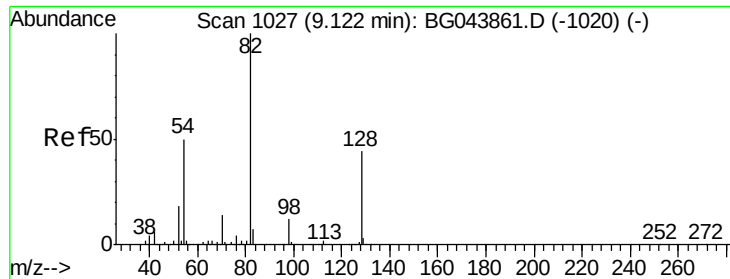
mohammad
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#22
Acetophenone
Concen: 44.197 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		350407		
71	3.6		4.8	7.2#	
51	25.8		21.4	32.0	
120	23.5		18.6	28.0	





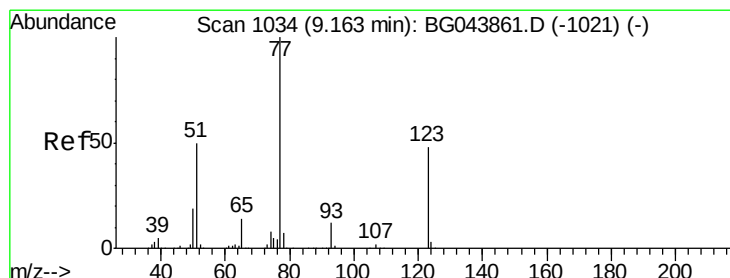
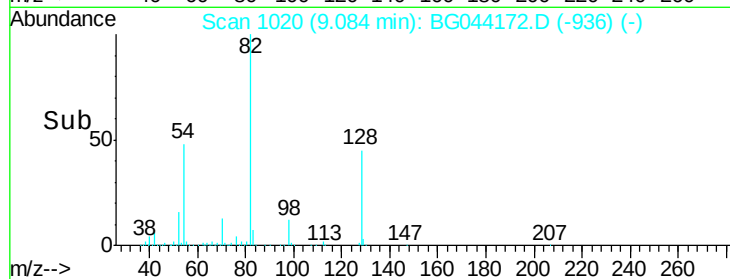
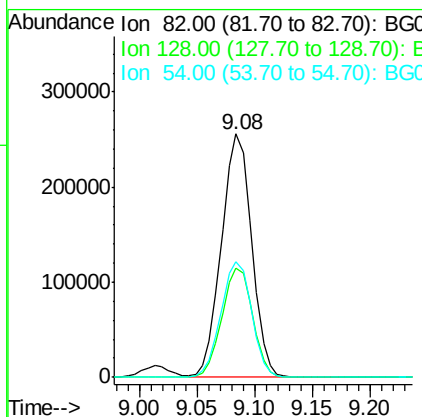
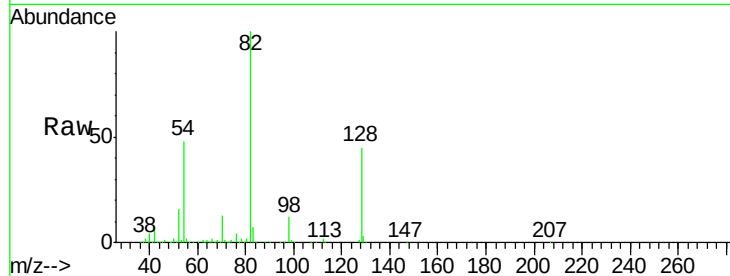
#23
 Nitrobenzene-d5
 Concen: 77.889 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	47.5	40.1	60.1

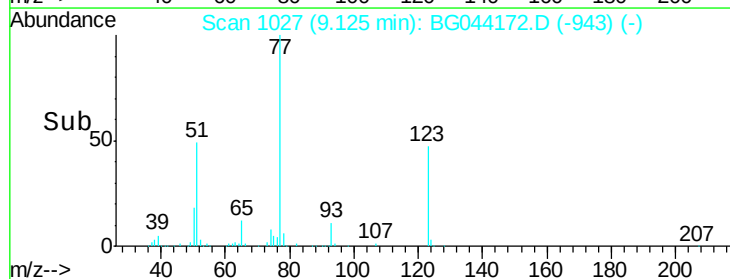
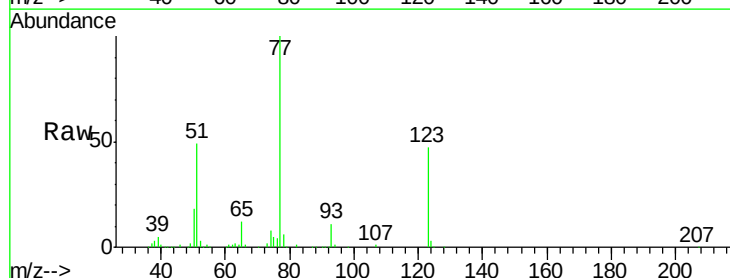
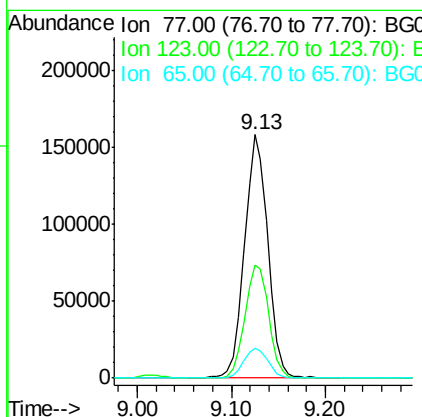
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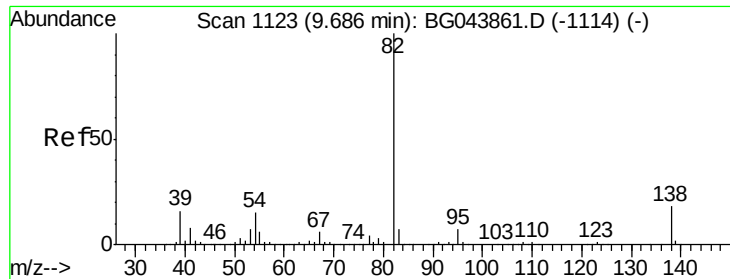
mohammad
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#24
 Nitrobenzene
 Concen: 45.791 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	38.7	58.1
65	12.3	11.1	16.7





#25

Isophorone

Concen: 45.916 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

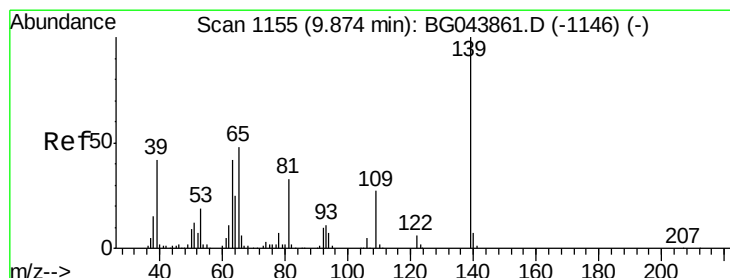
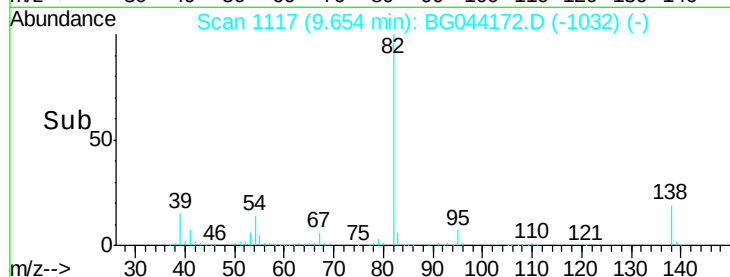
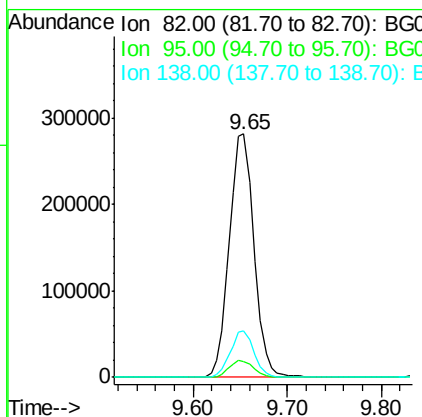
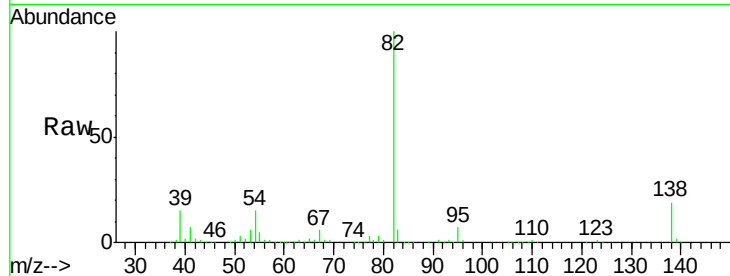
ClientSampleId :

PB126290BSD

Tot Ion:	82	Resp:	513529
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.8	8.6
138	19.2	14.6	22.0

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#26

2-Nitrophenol

Concen: 51.833 ng

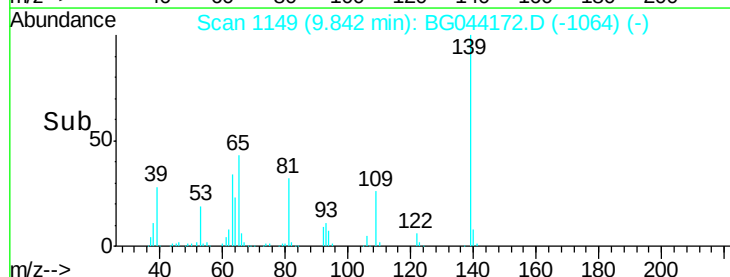
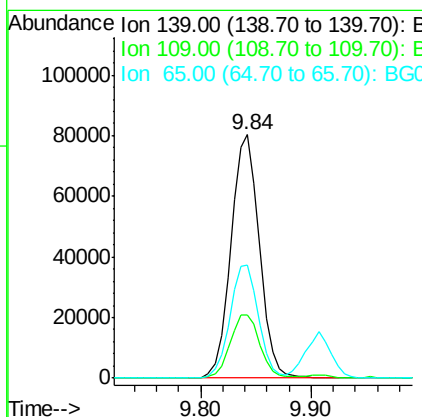
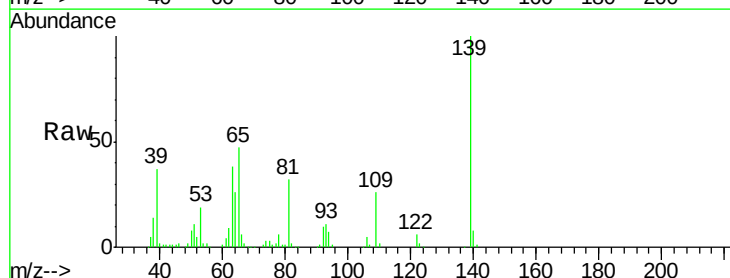
RT: 9.84 min Scan# 1149

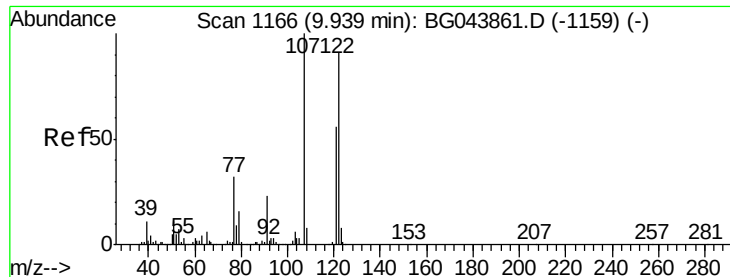
Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	139	Resp:	144791
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.3	31.9
65	46.6	38.6	57.8





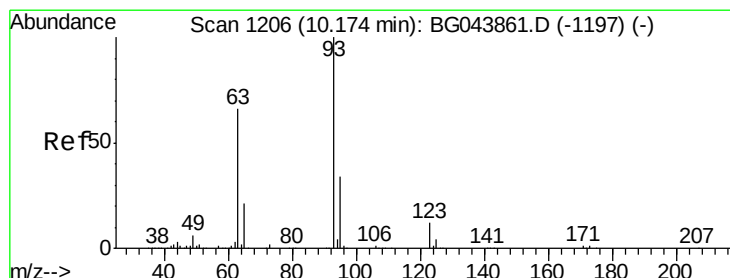
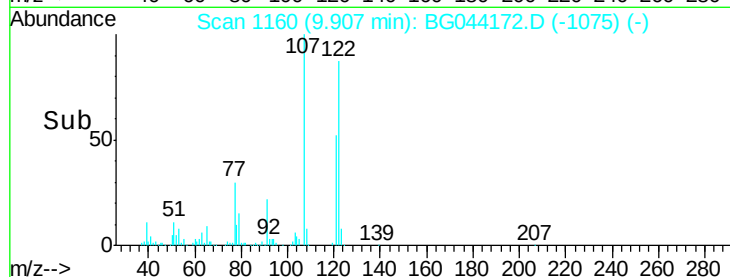
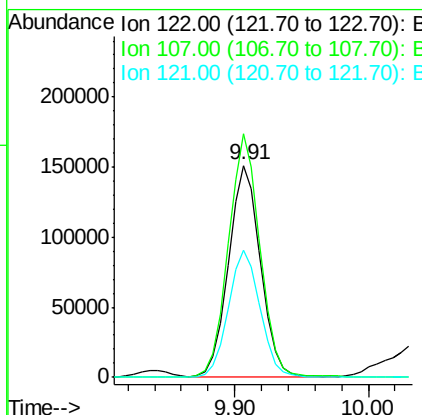
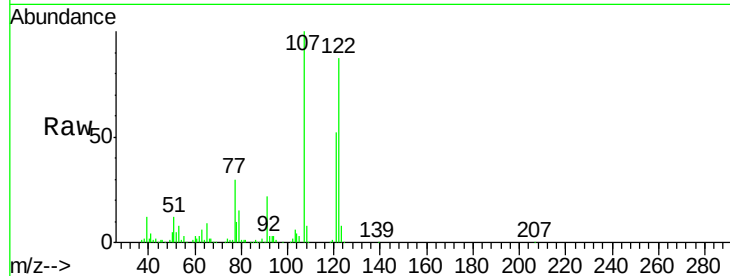
#27
2,4-Dimethylphenol
Concen: 59.350 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249565		
107	115.0	88.0	132.0	
121	60.1	49.0	73.4	

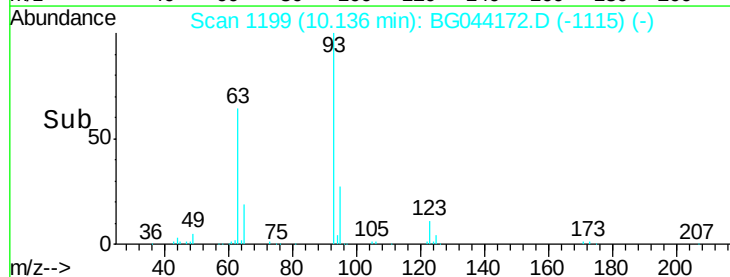
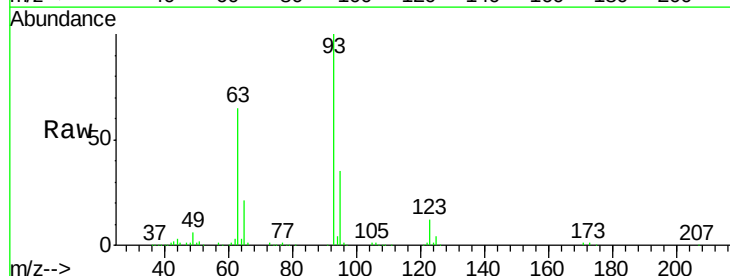
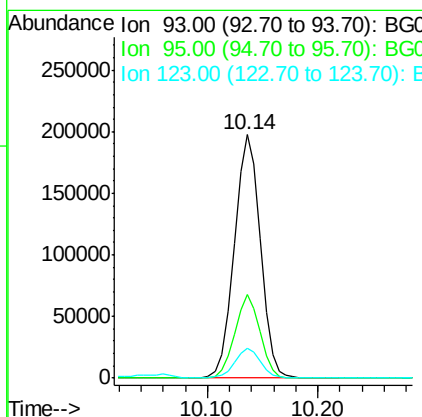
Manual Integrations
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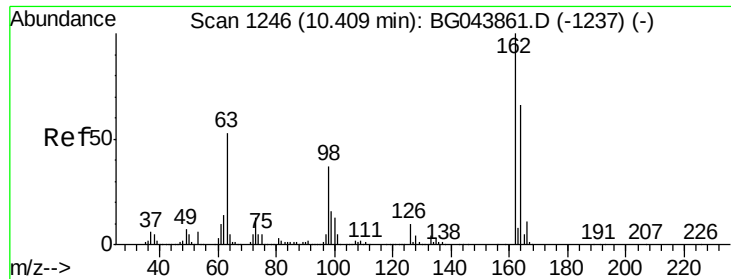
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.824 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	326765		
95	34.5	27.2	40.8	
123	12.1	9.7	14.5	





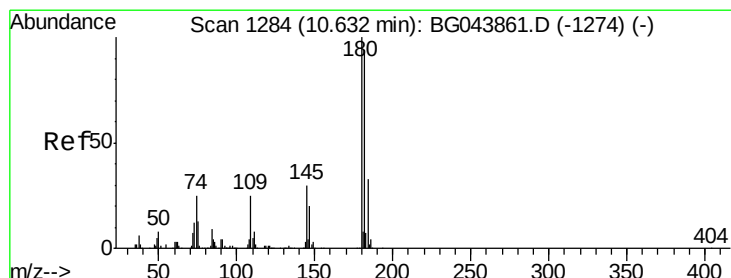
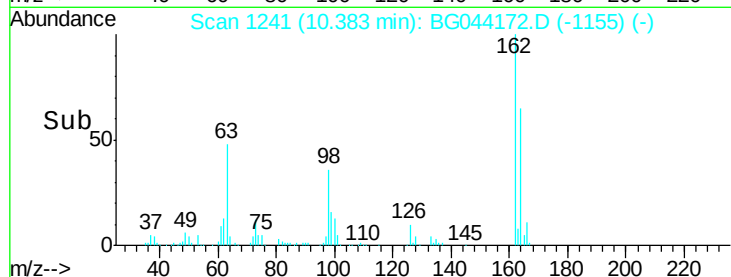
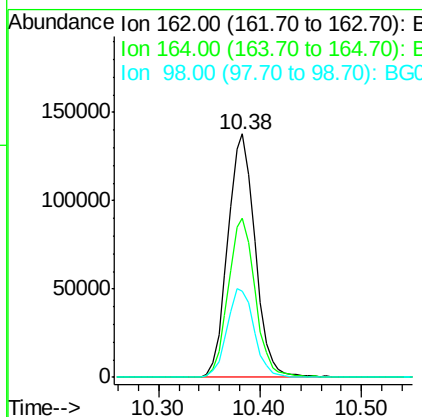
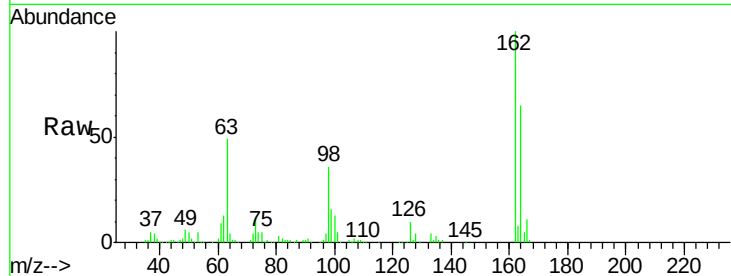
#29
 2,4-Dichlorophenol
 Concen: 51.605 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion:	162	Resp:	258841
Ion Ratio		Lower	Upper
162	100		
164	65.4	46.3	86.3
98	35.6	17.3	57.3

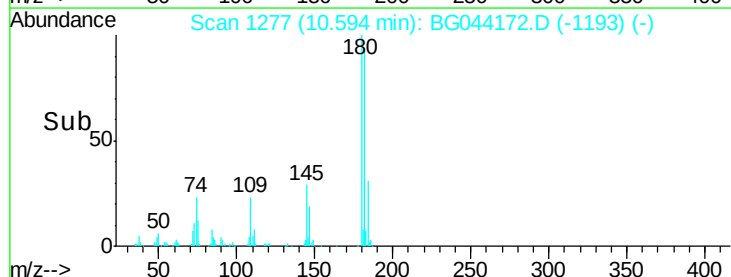
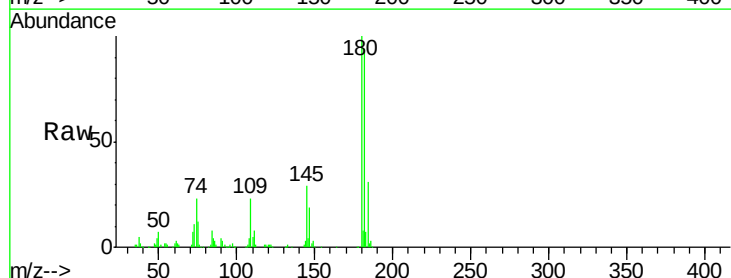
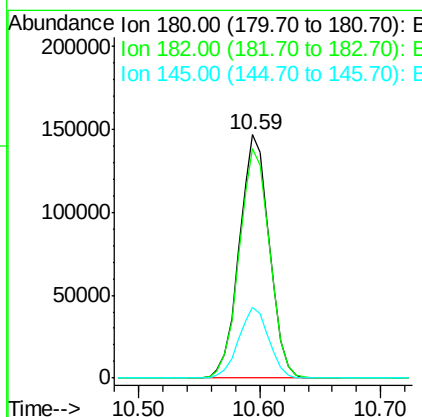
Manual Integrations
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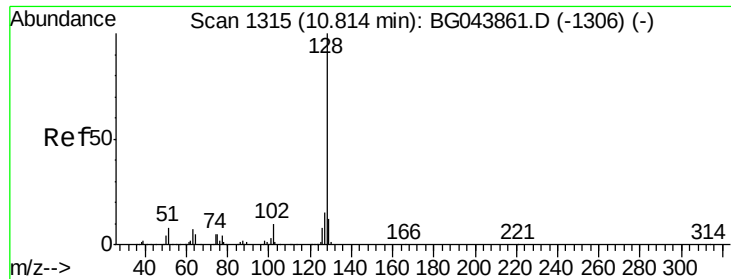
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.939 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion:	180	Resp:	252730
Ion Ratio		Lower	Upper
180	100		
182	94.2	75.0	112.4
145	29.0	24.2	36.4





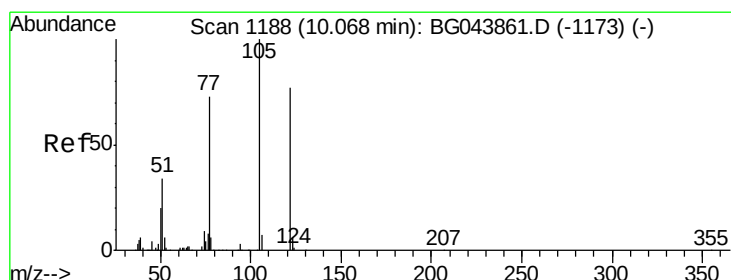
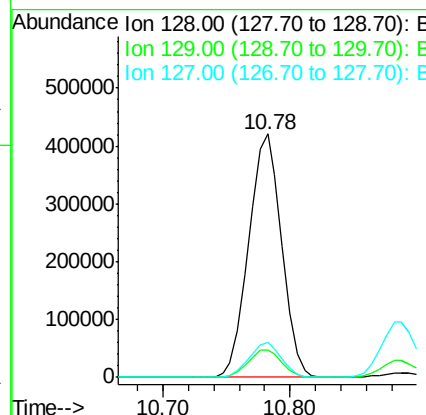
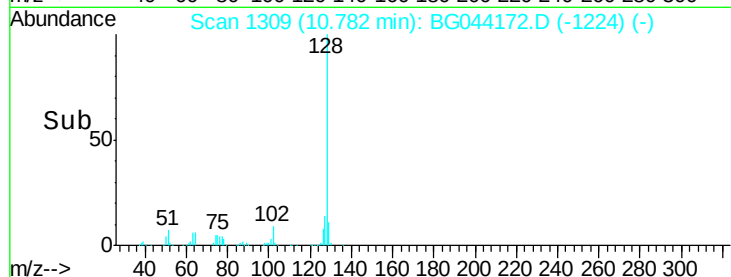
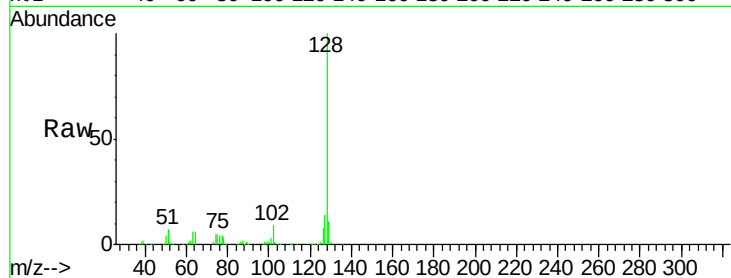
#31
Naphthalene
Concen: 49.150 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	14.2	12.0	18.0

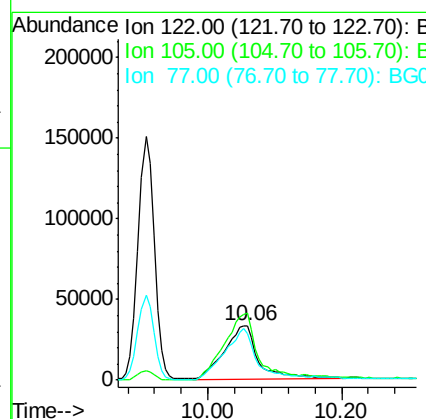
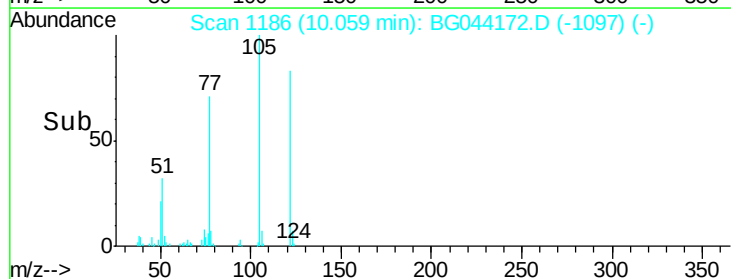
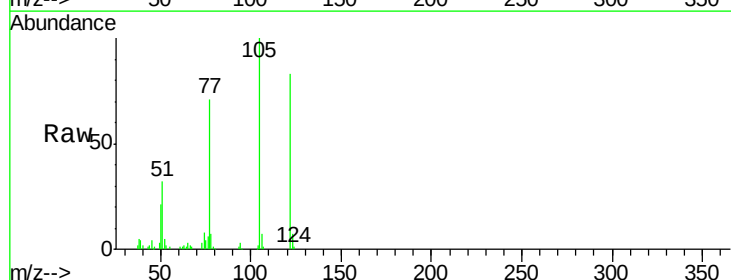
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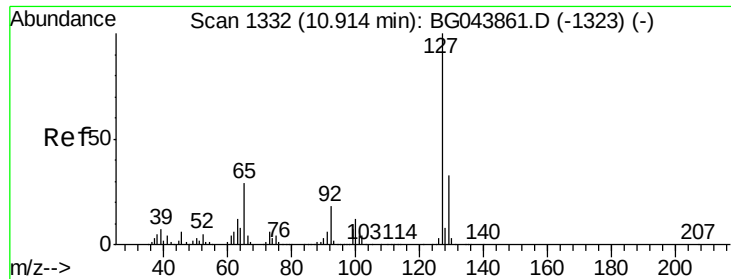
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#32
Benzoic acid
Concen: 36.684 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	106.4	146.4
77	85.5	74.6	114.6





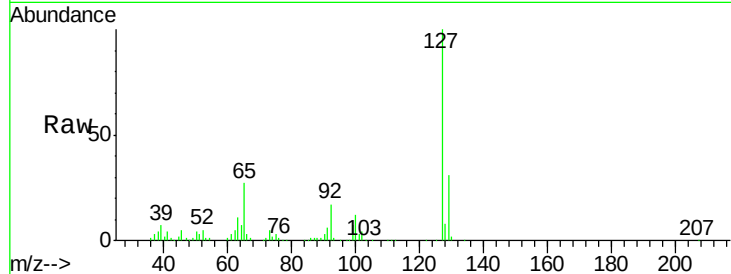
#33
4-Chloroaniline
Concen: 25.632 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

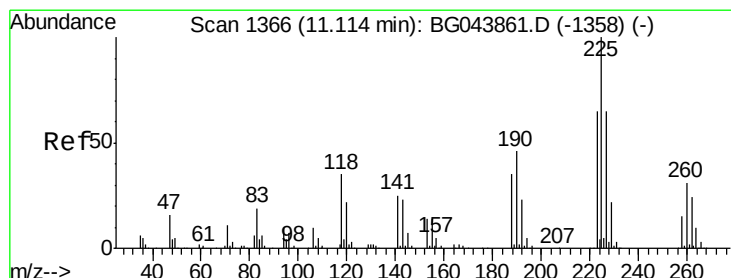
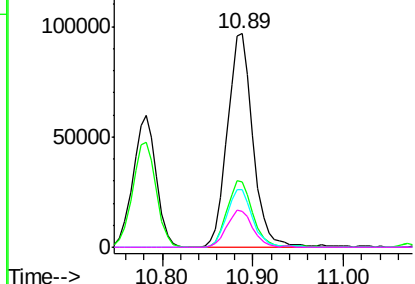
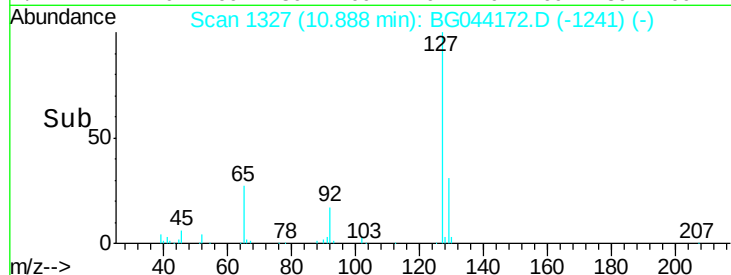
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		188670		
129	30.6	26.6	40.0		
65	26.9	23.3	34.9		
92	16.9	14.7	22.1		

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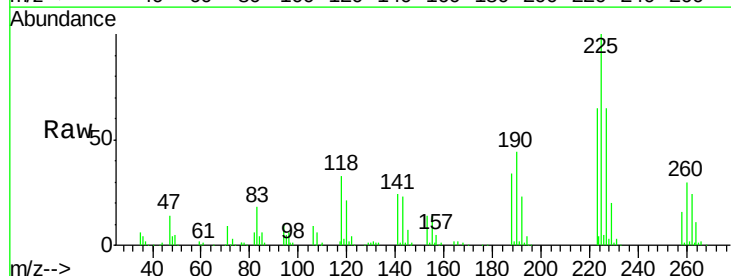


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

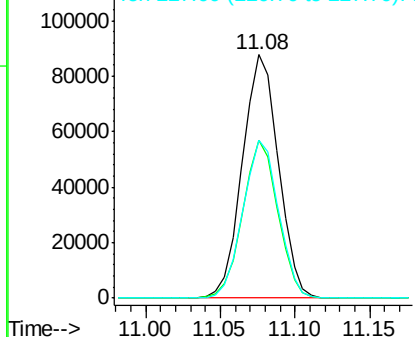
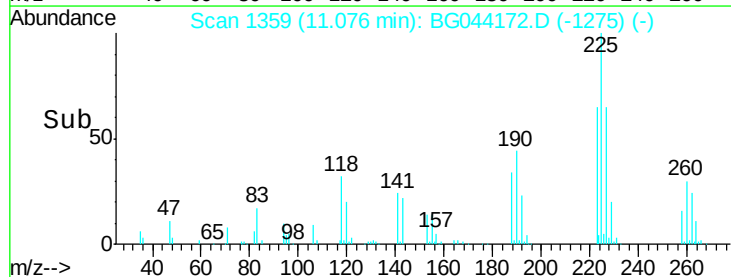


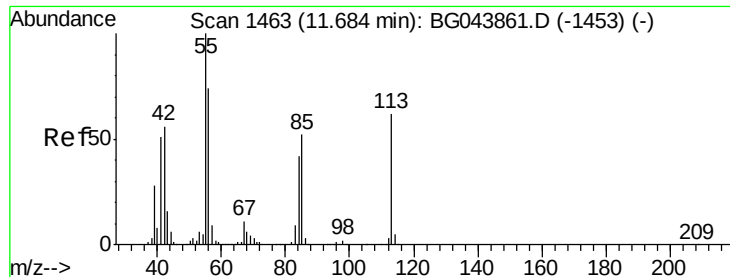
#34
Hexachlorobutadiene
Concen: 42.667 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		146506		
223	64.8	52.2	78.4		
227	64.8	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.542 ng/mL

RT: 11.65 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

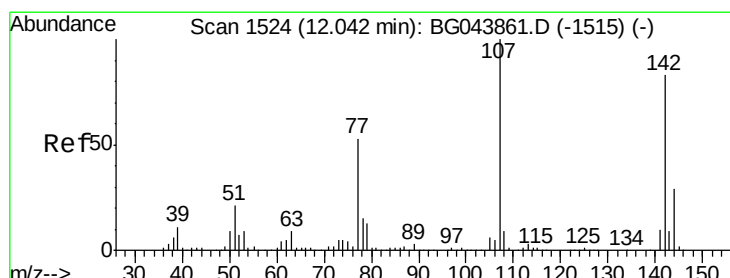
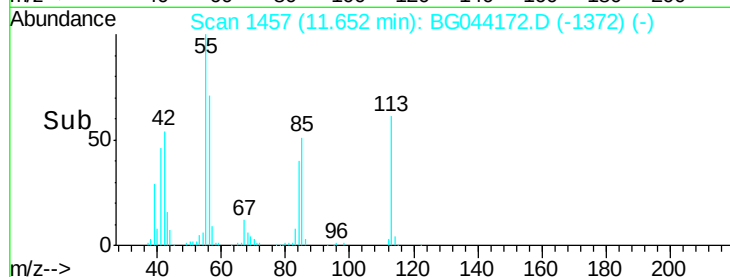
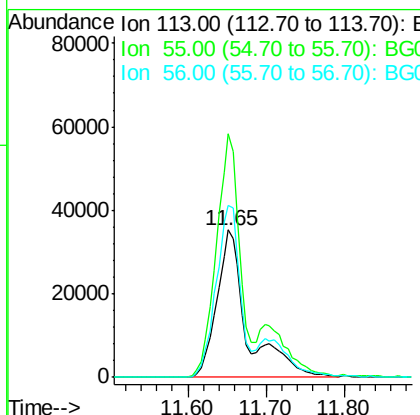
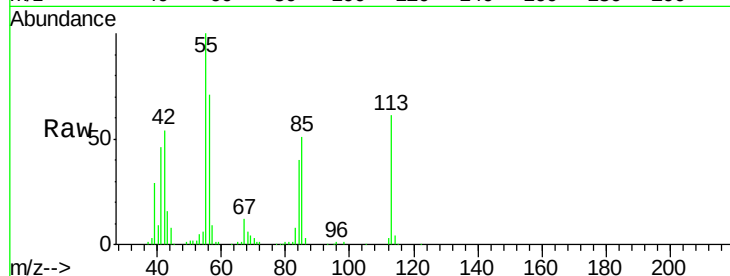
ClientSampleID :

PB126290BSD

Tot Ion:	113	Resp:	96240
Ion	Ratio	Lower	Upper
113	100		
55	165.0	142.5	182.5
56	116.6	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 53.452 ng/mL

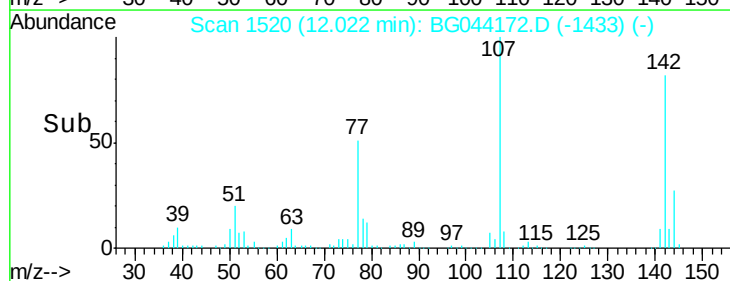
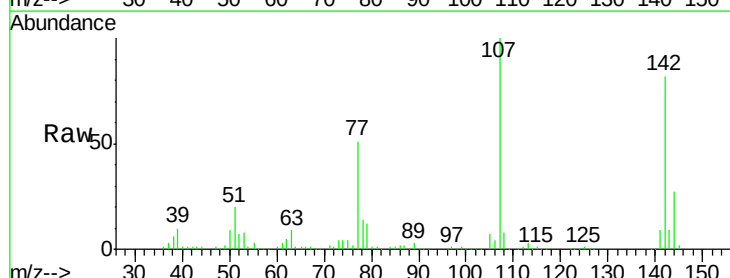
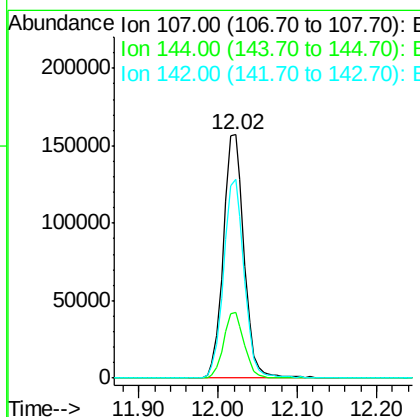
RT: 12.02 min Scan# 1520

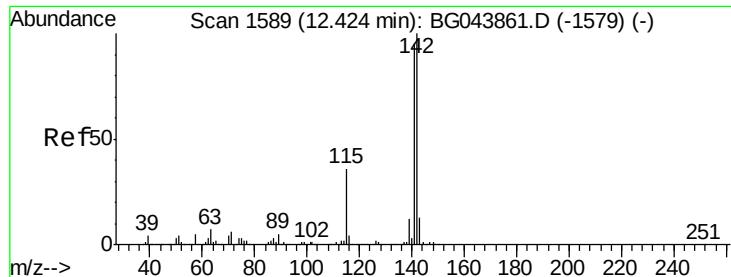
Delta R.T. -0.02 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	107	Resp:	285411
Ion	Ratio	Lower	Upper
107	100		
144	27.0	23.4	35.2
142	81.8	66.3	99.5





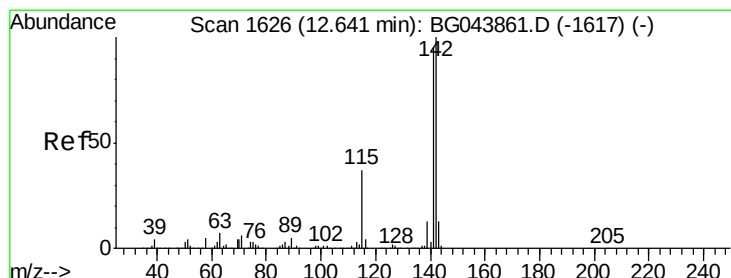
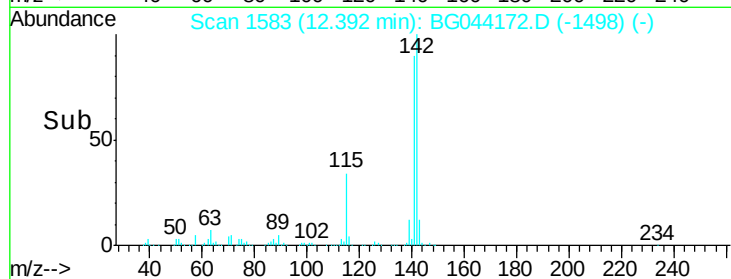
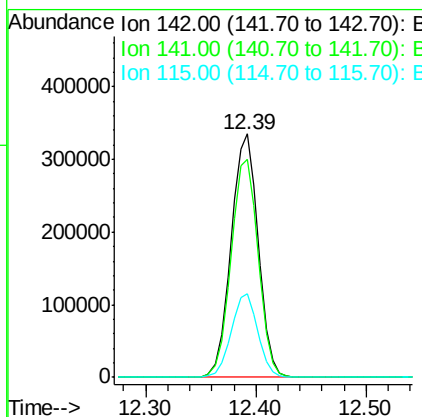
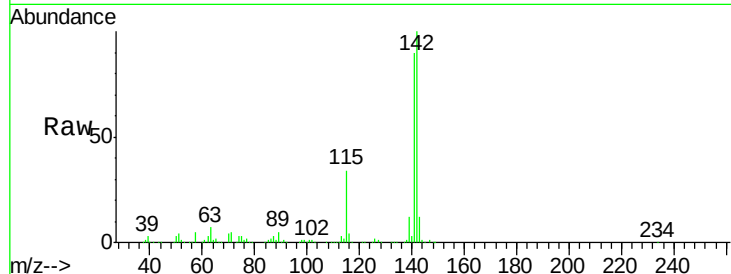
#37
2-Methylnaphthalene
Concen: 49.589 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.8	113.8
115	34.1	28.6	42.8

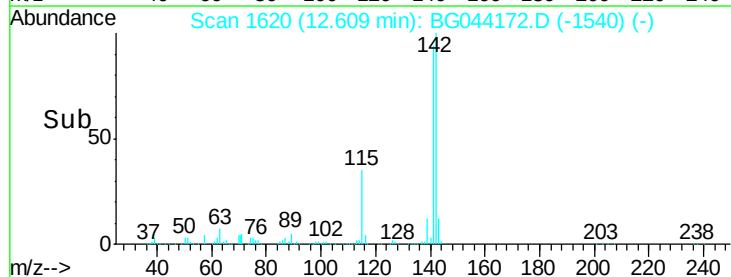
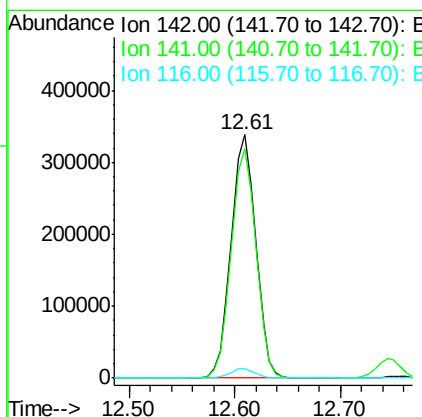
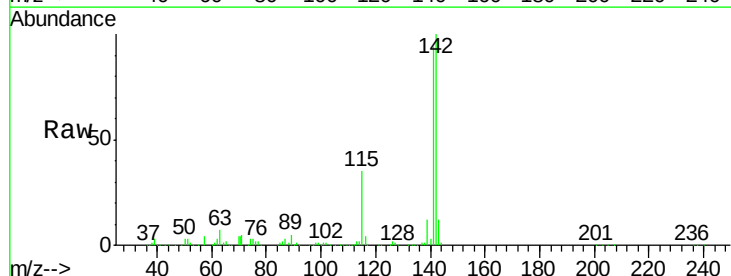
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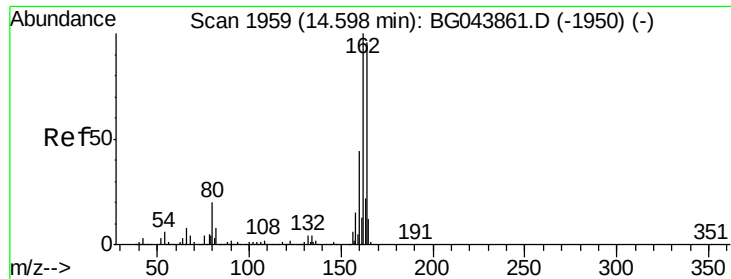
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#38
1-Methylnaphthalene
Concen: 49.407 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.0	114.0
116	3.9	3.1	4.7





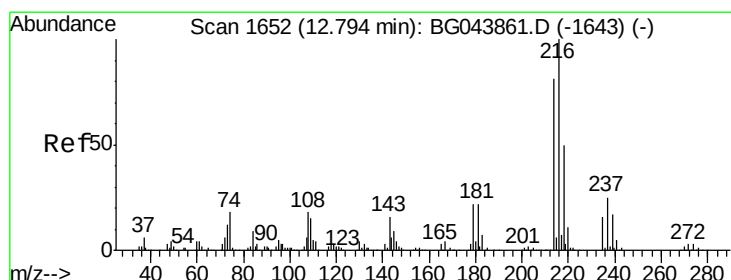
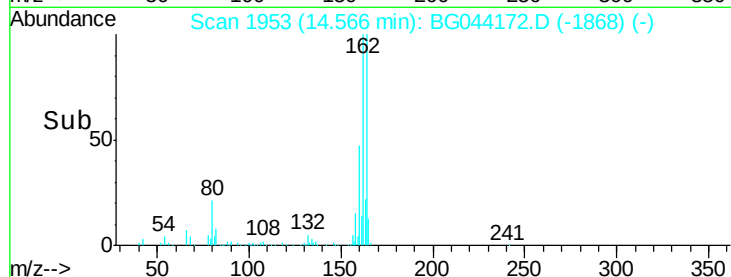
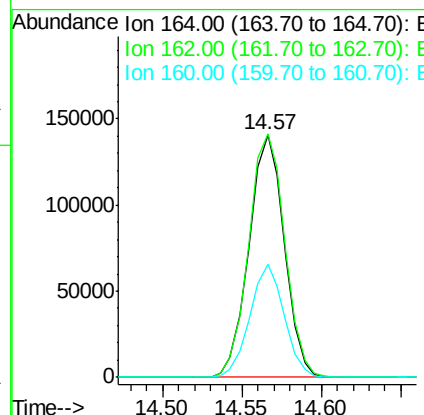
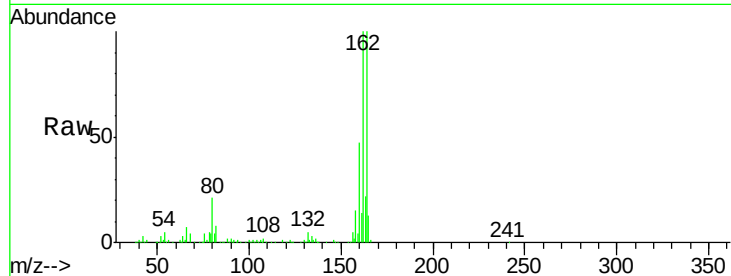
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	217080		
162	100.3	83.0	124.4	
160	46.8	36.1	54.1	

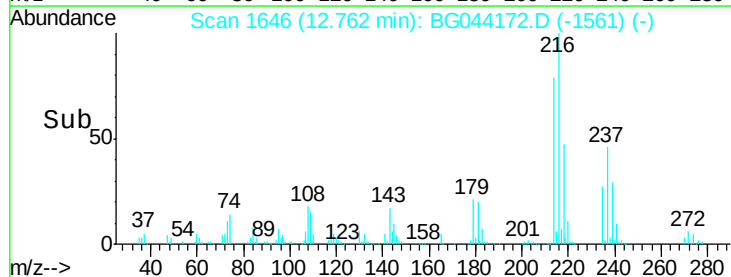
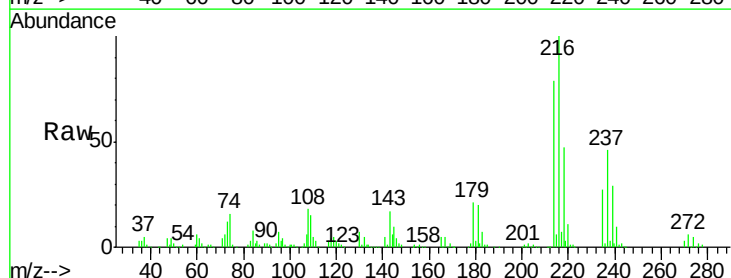
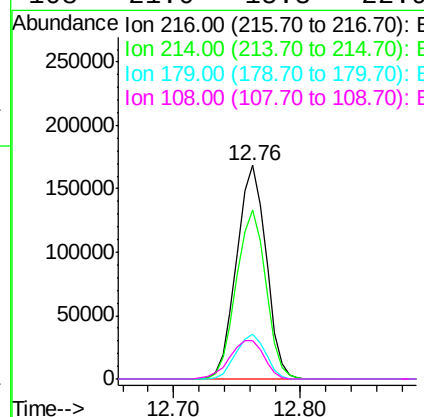
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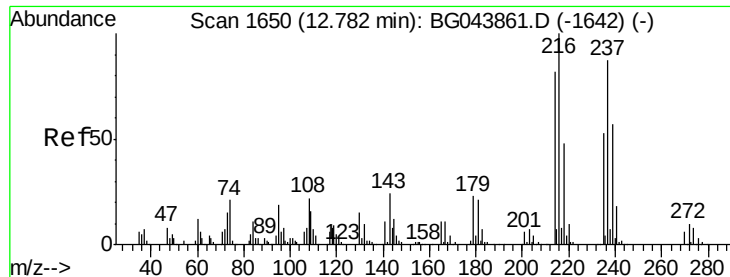
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.742 ng
 RT: 12.76 min Scan# 1646
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	271951		
214	78.9	63.8	95.8	
179	21.1	17.3	25.9	
108	21.0	15.3	22.9	





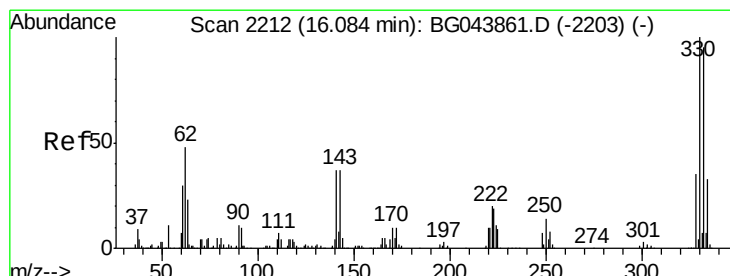
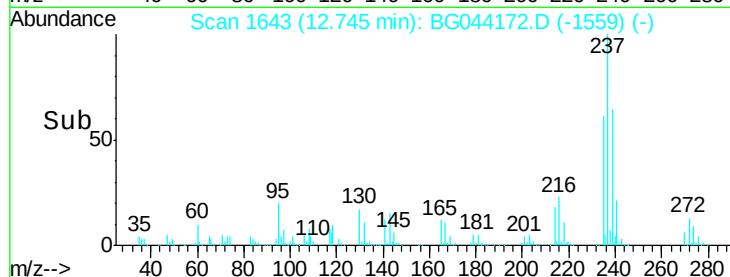
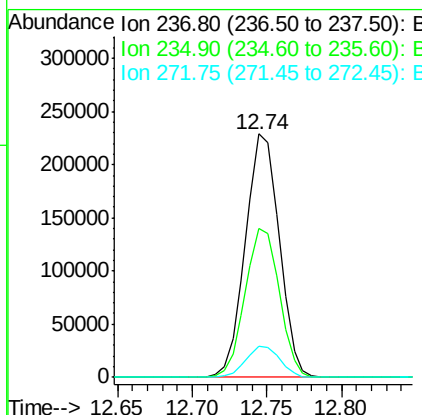
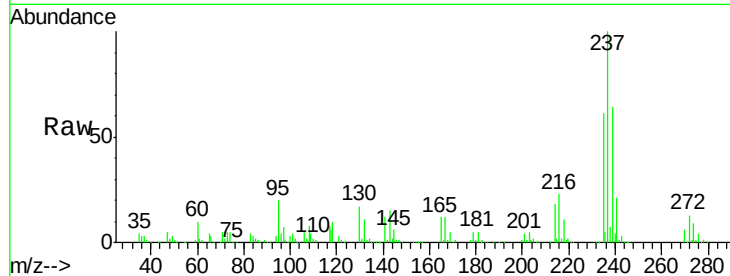
#41
Hexachlorocyclopentadiene
Concen: 108.975 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.2	41.1	81.1
272	12.7	0.0	31.7

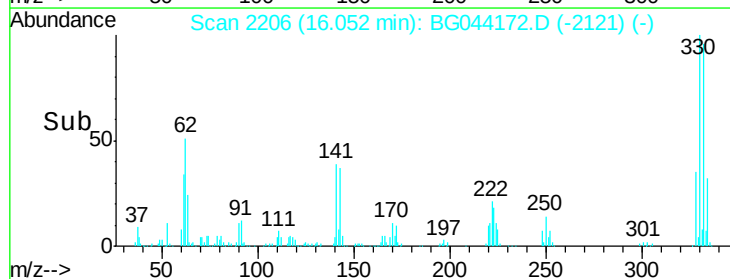
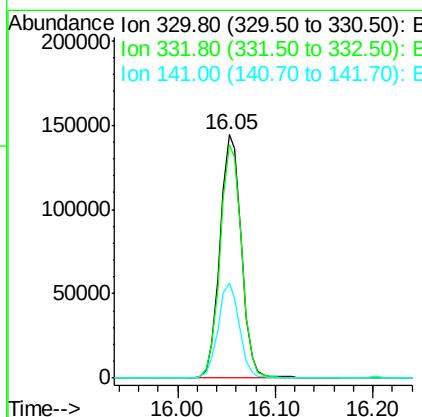
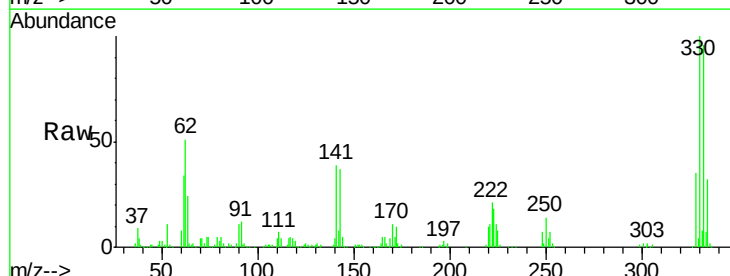
Manual Integrations
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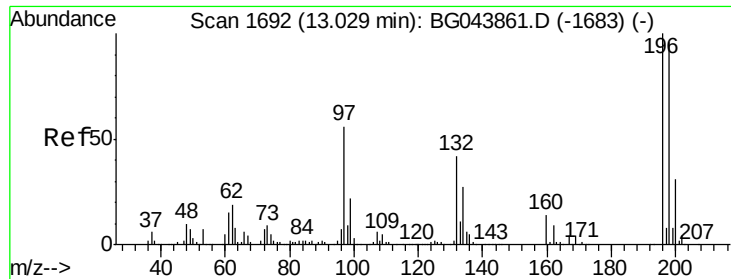
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#42
2,4,6-Tribromophenol
Concen: 96.588 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	77.2	115.8
141	38.8	33.1	49.7





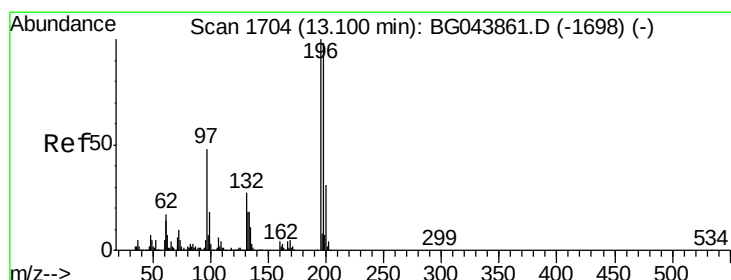
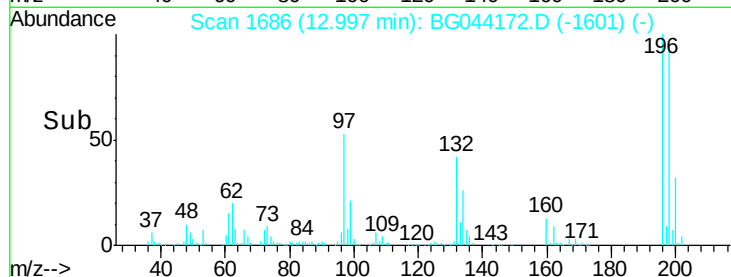
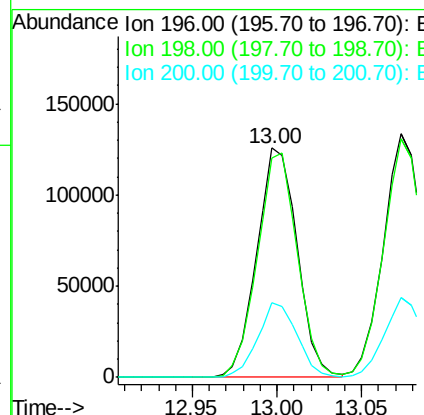
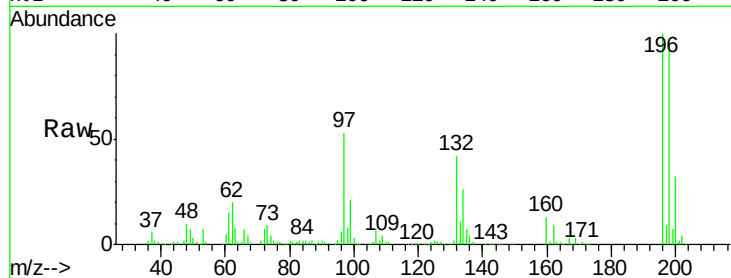
#43
 2,4,6-Trichlorophenol
 Concen: 47.712 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	115.0
200	32.4	24.6	37.0

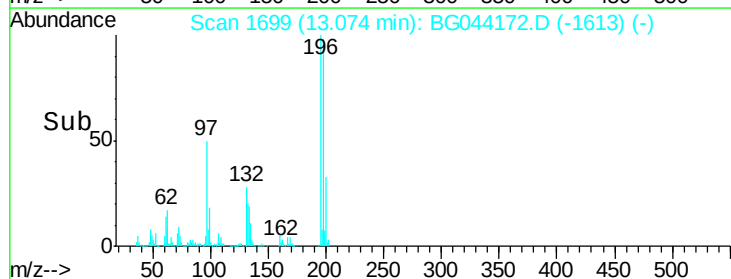
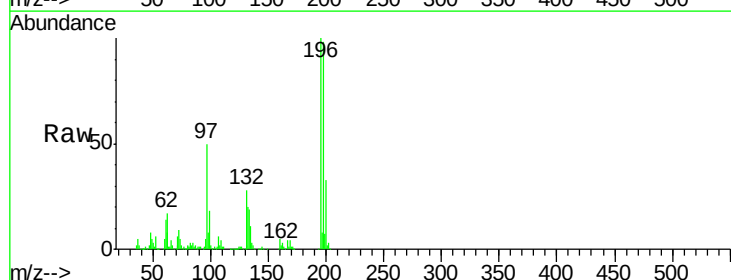
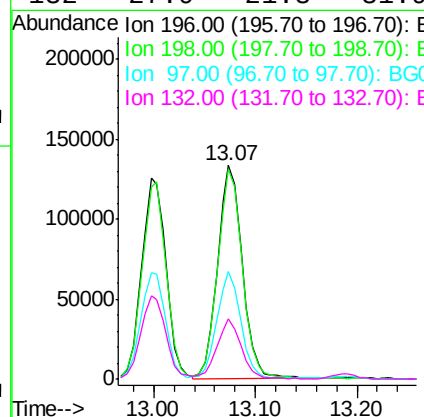
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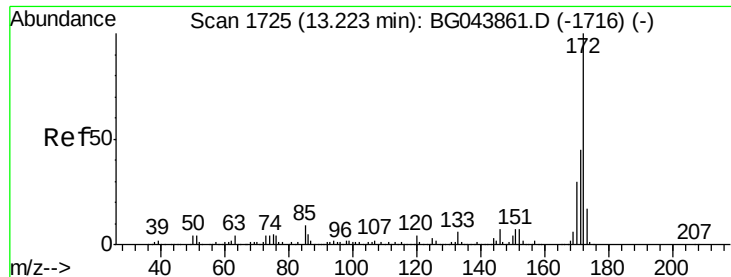
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.061 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.3	117.5
97	50.3	38.8	58.2
132	27.9	21.3	31.9





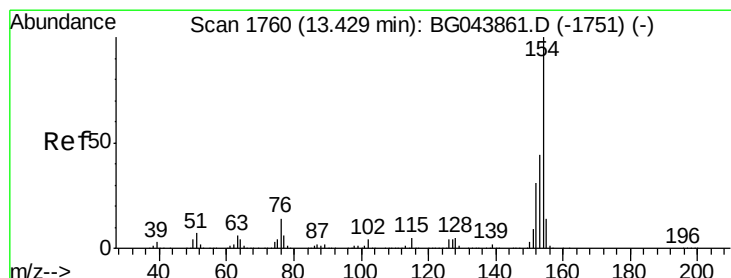
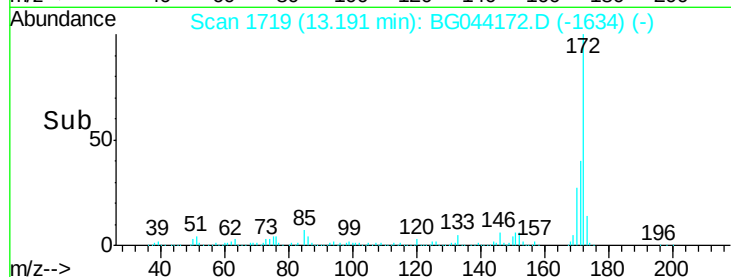
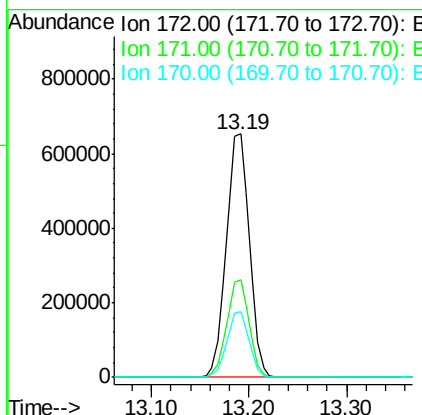
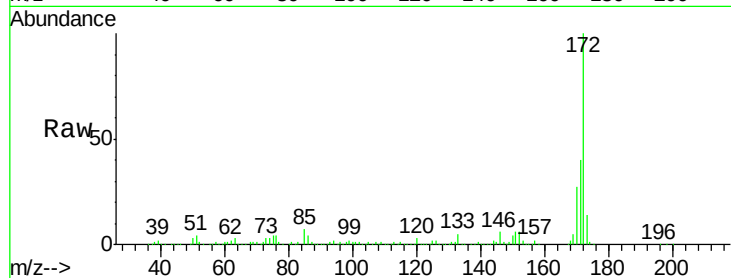
#45
2-Fluorobiphenyl
Concen: 89.050 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.8	53.8
170	27.0	24.2	36.4

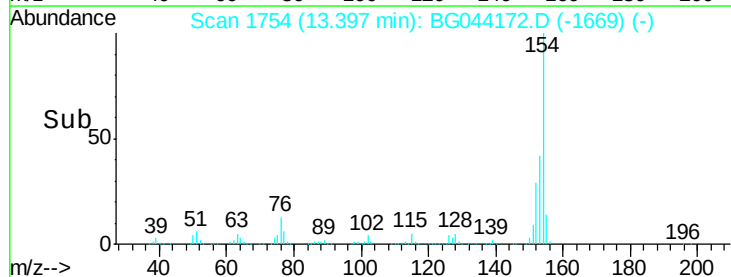
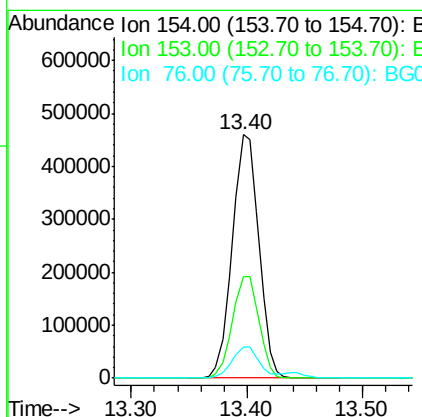
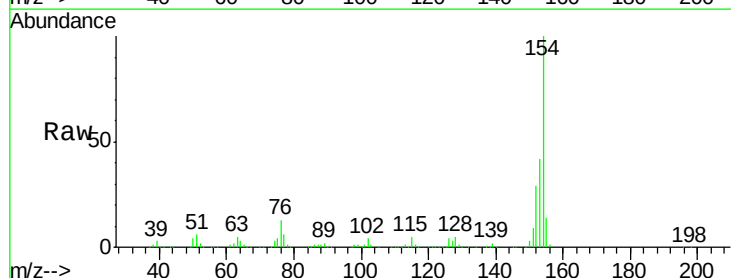
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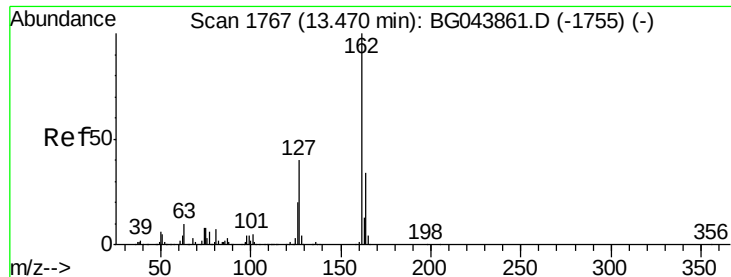
mohammad
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#46
1,1'-Biphenyl
Concen: 46.910 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.6	63.6
76	13.0	0.0	34.4





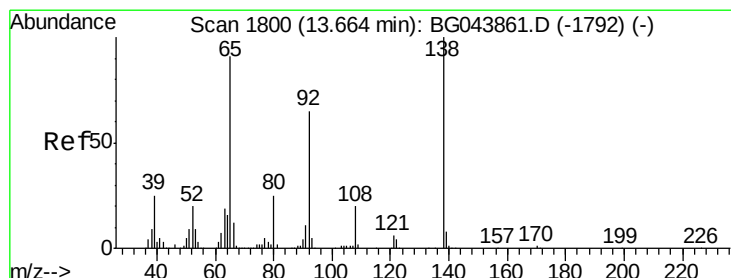
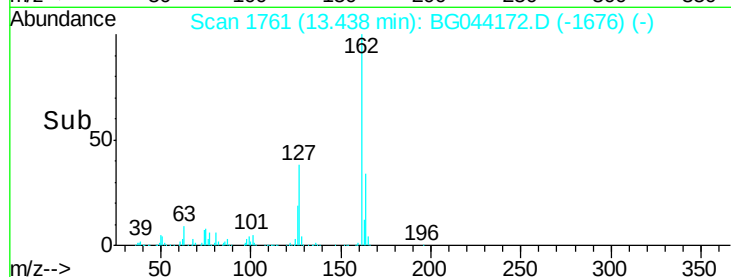
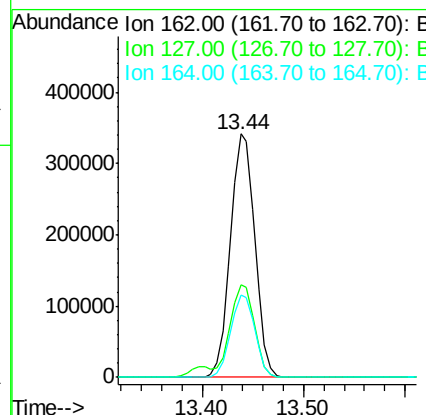
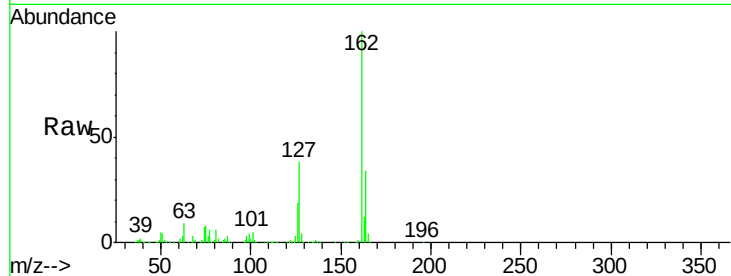
#47
 2-Chloronaphthalene
 Concen: 45.296 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.0	32.1	48.1
164	33.7	27.5	41.3

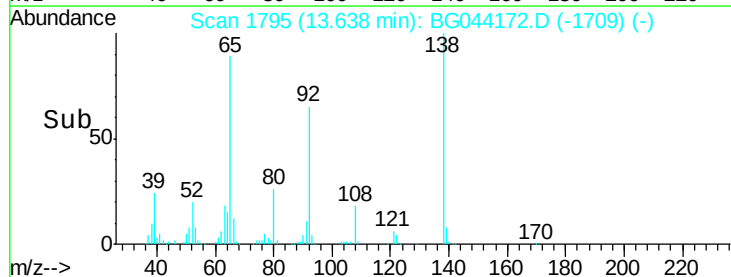
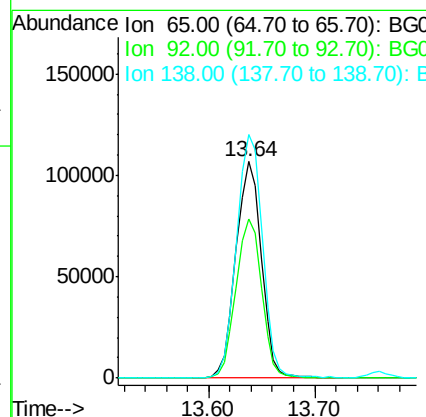
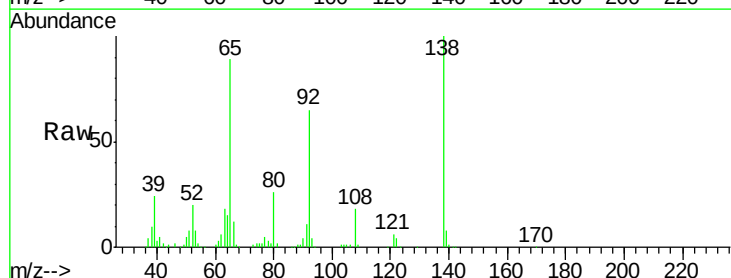
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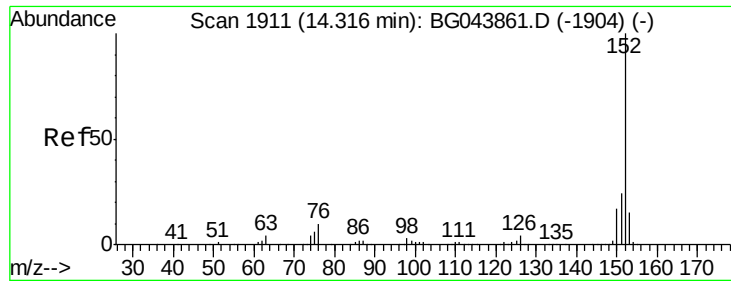
mohammad
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#48
 2-Nitroaniline
 Concen: 44.228 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.7	57.4	86.2
138	112.6	88.2	132.4





#49

Acenaphthylene

Concen: 50.709 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

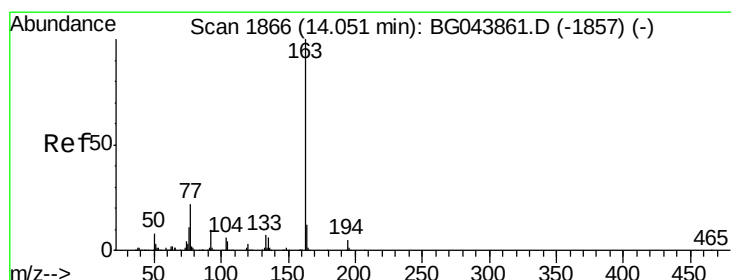
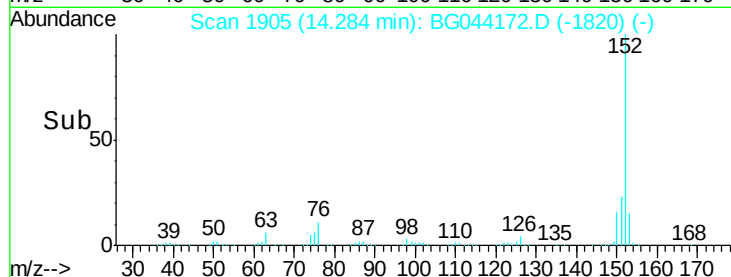
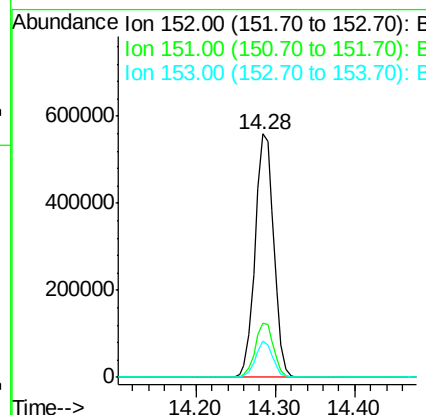
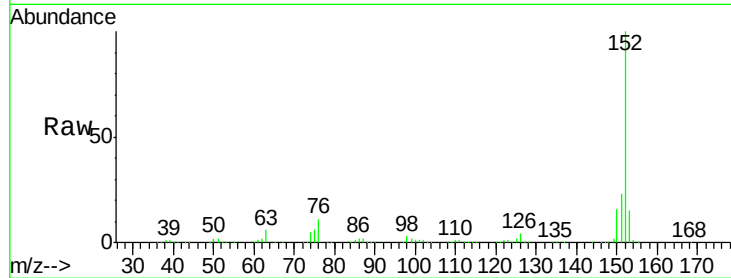
ClientSampleId :

PB126290BSD

Tot Ion:	152	Resp:	916655
Ion Ratio		Lower	Upper
152	100		
151	22.5	19.4	29.2
153	14.7	12.0	18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.477 ng

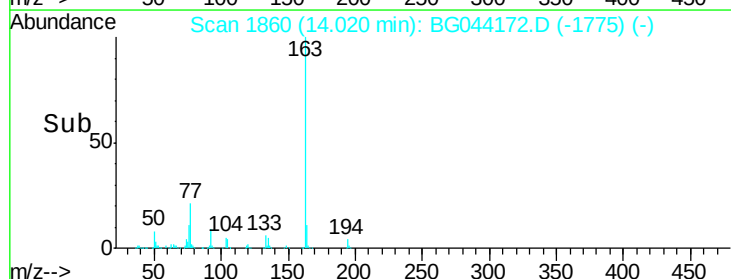
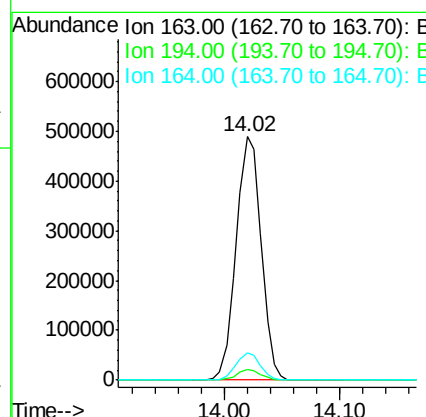
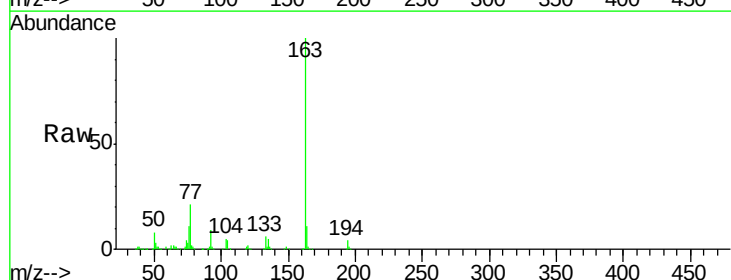
RT: 14.02 min Scan# 1860

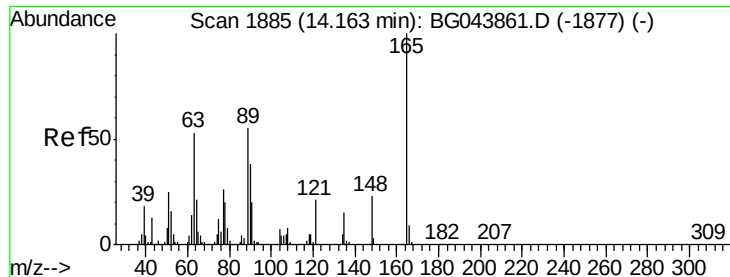
Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	163	Resp:	731784
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.0	9.3	13.9





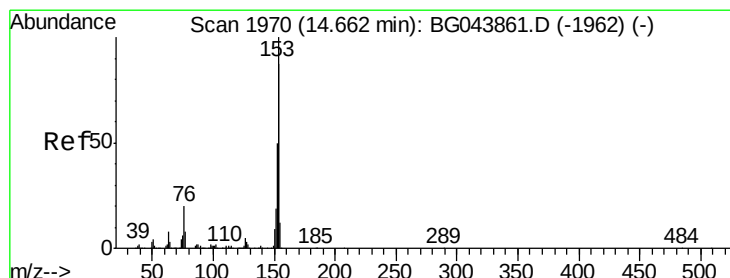
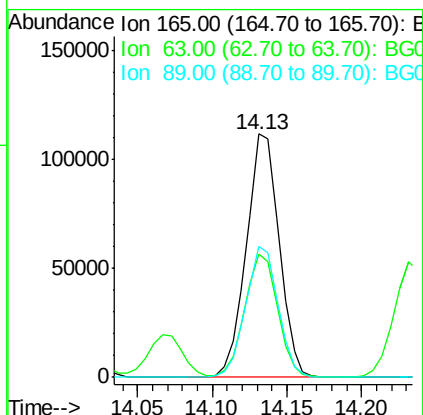
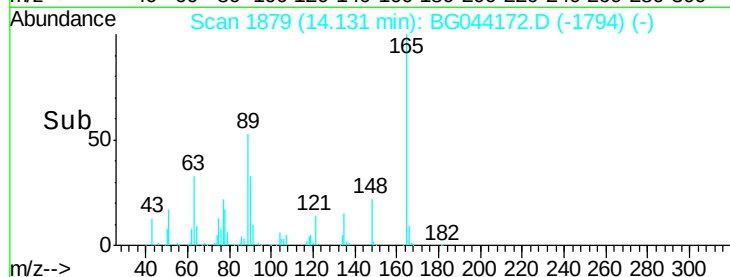
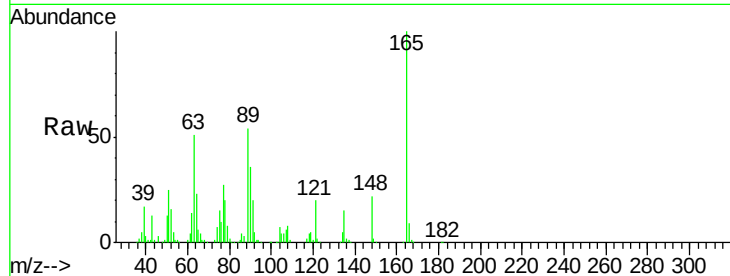
#51
 2,6-Dinitrotoluene
 Concen: 48.784 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169953		
63	50.5	43.1	64.7	
89	53.7	43.8	65.6	

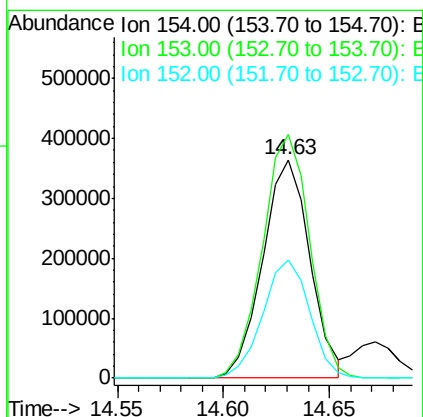
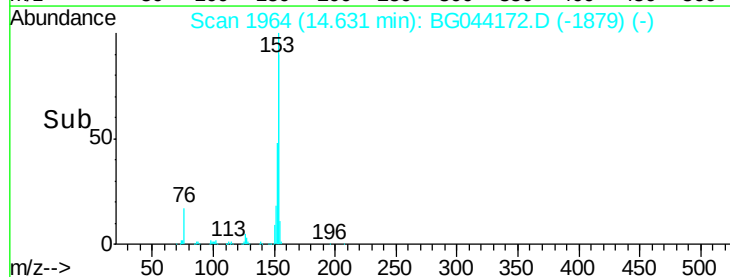
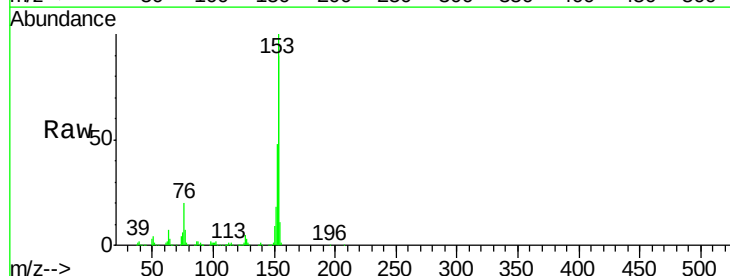
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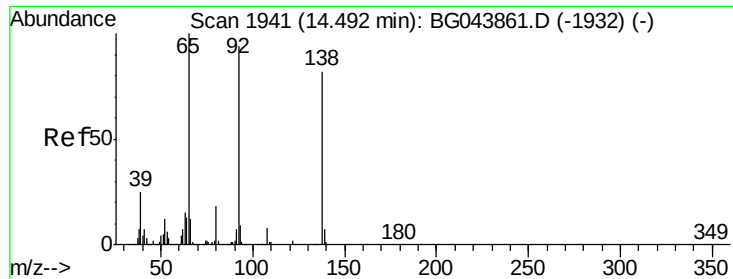
mohammad
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#52
 Acenaphthene
 Concen: 44.549 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	564748		
153	111.6	91.6	137.4	
152	54.0	45.4	68.0	





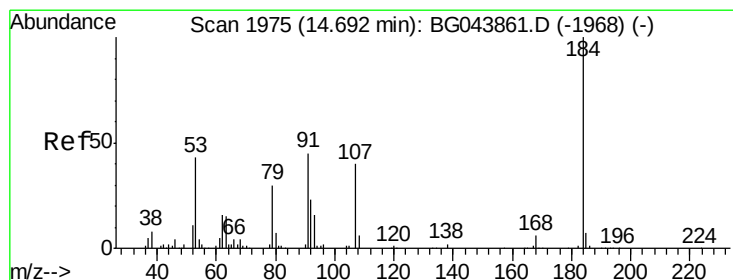
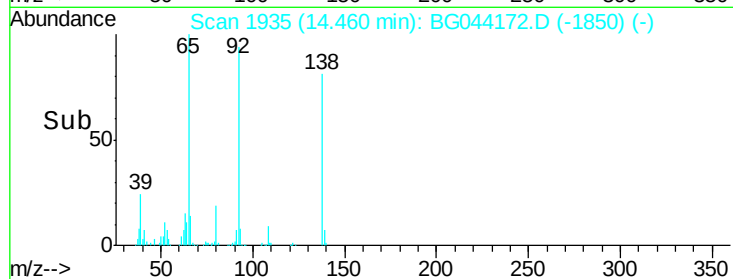
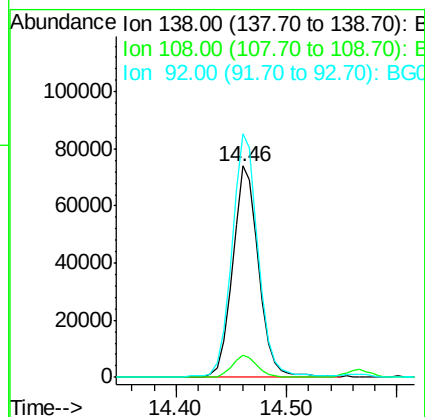
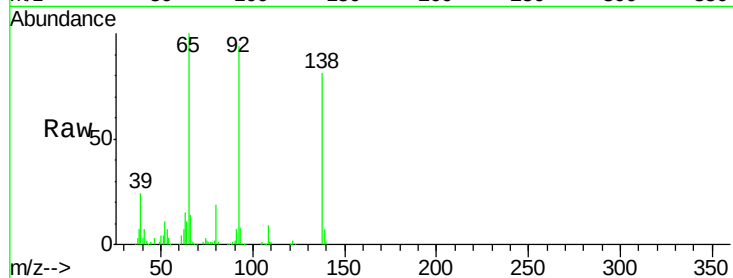
#53
3-Nitroaniline
Concen: 30.852 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.6	7.4	11.2	
92	115.3	92.1	138.1	

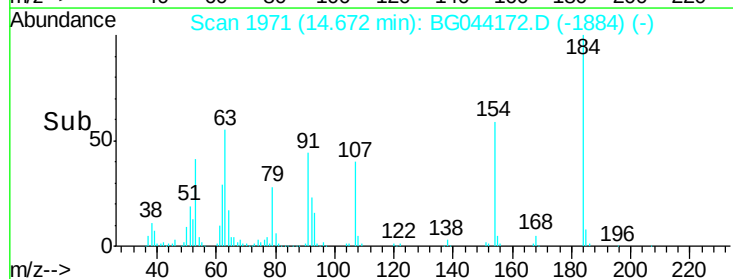
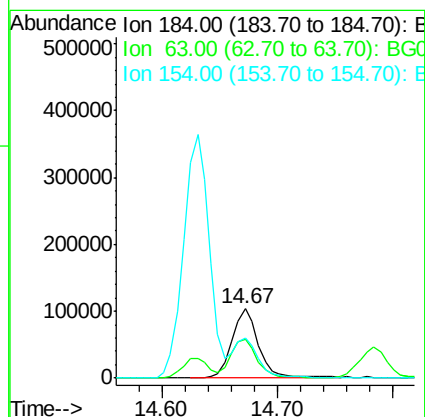
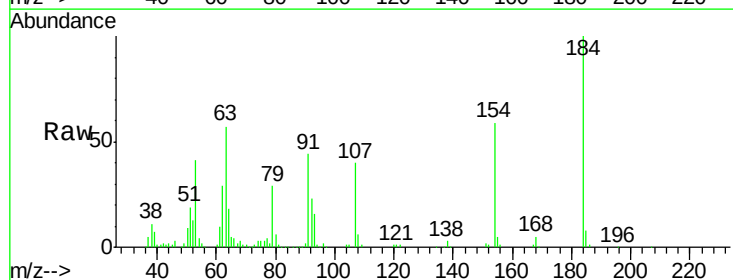
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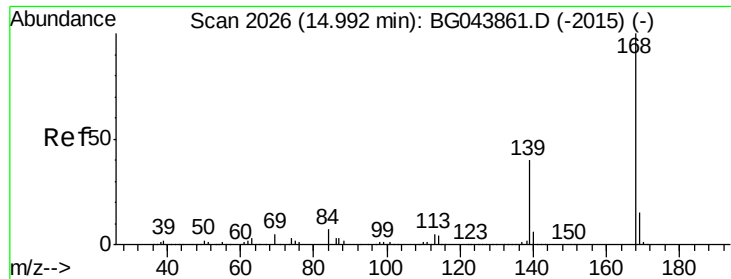
mohammad
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#54
2,4-Dinitrophenol
Concen: 92.325 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.5	46.6	70.0	
154	58.6	50.2	75.4	





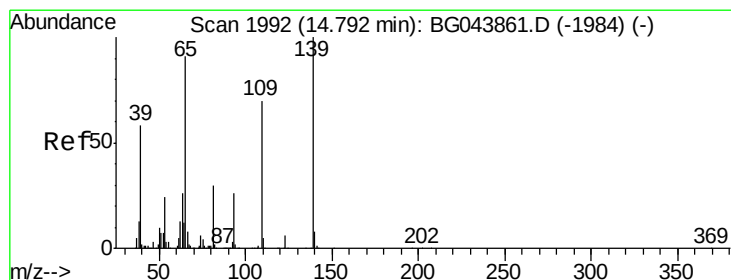
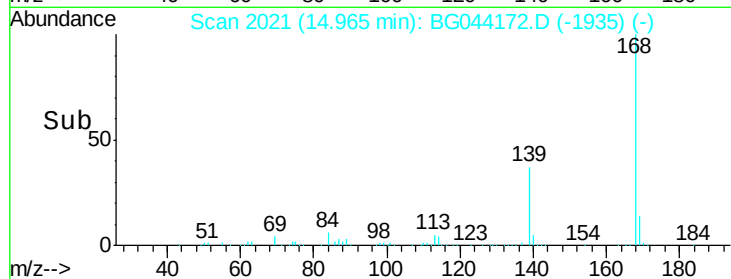
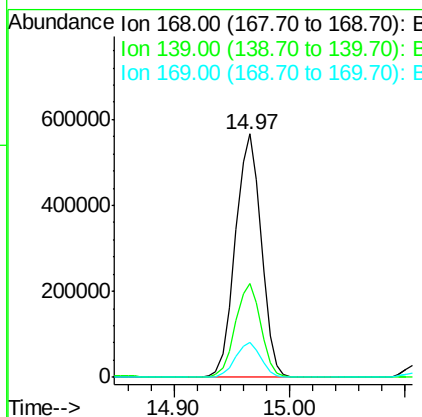
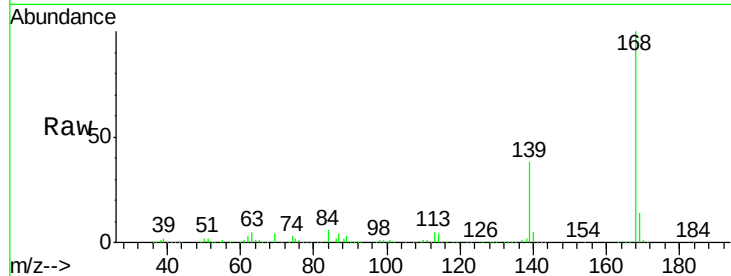
#55
Dibenzofuran
Concen: 50.242 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	876801		
139	38.4		32.2	48.2
169	14.3		12.2	18.2

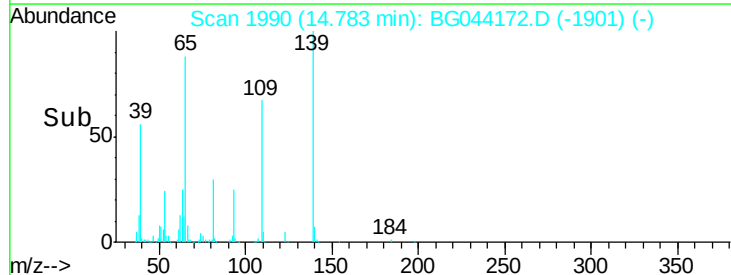
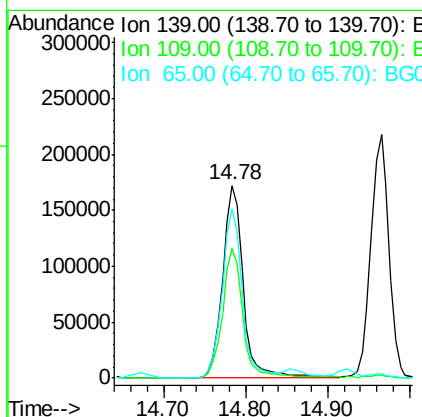
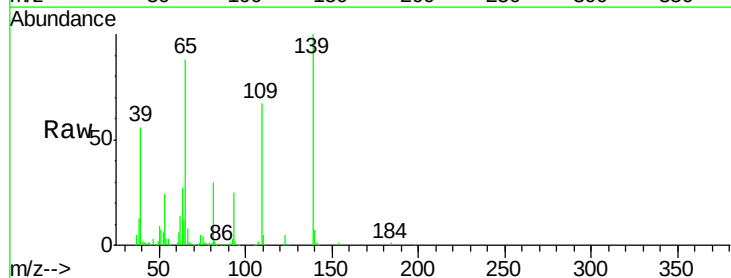
Manual Integrations
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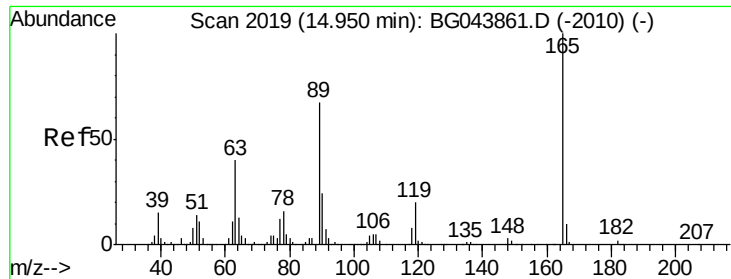
mohammad
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#56
4-Nitrophenol
Concen: 100.710 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	305315		
109	67.1		50.4	90.4
65	87.8		71.4	111.4





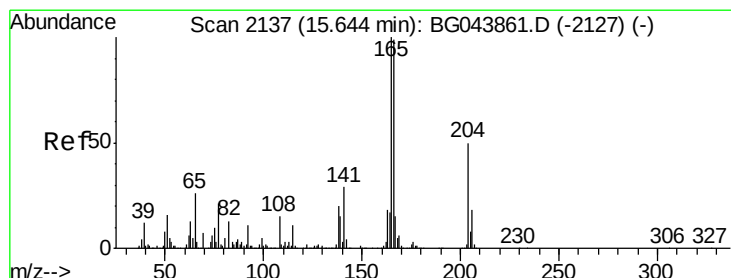
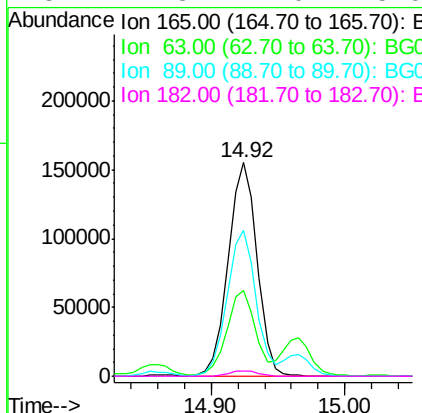
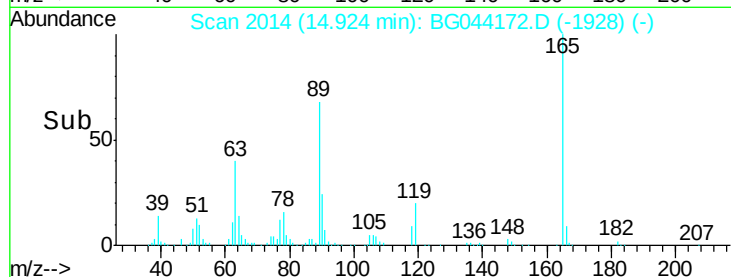
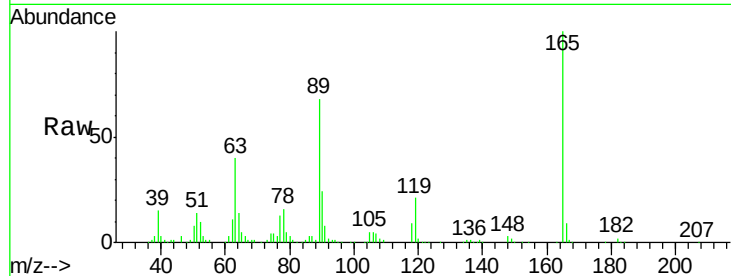
#57
 2,4-Dinitrotoluene
 Concen: 49.416 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234253		
63	40.1	31.9	47.9	
89	68.1	53.8	80.6	
182	2.3	2.0	3.0	

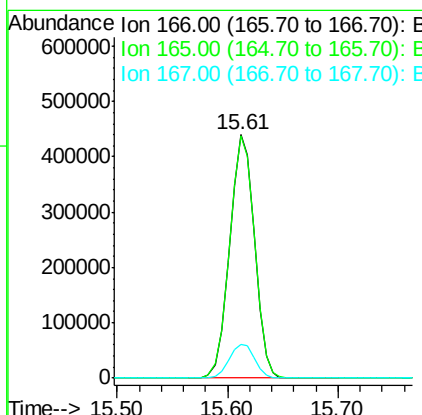
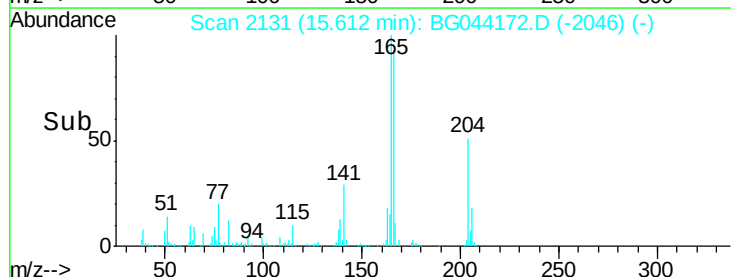
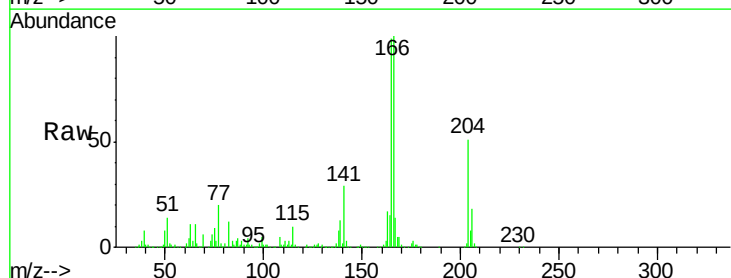
Manual Integrations
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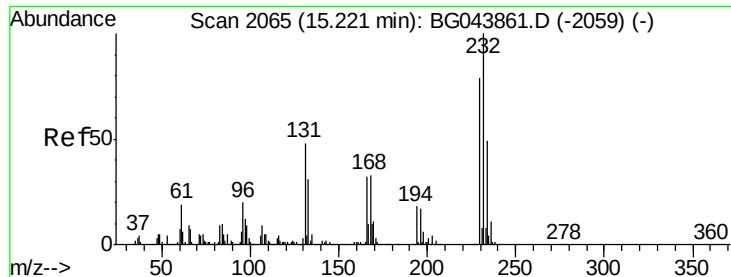
mohammad
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#58
 Fluorene
 Concen: 50.155 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	693737		
165	99.3	80.8	121.2	
167	13.7	12.1	18.1	





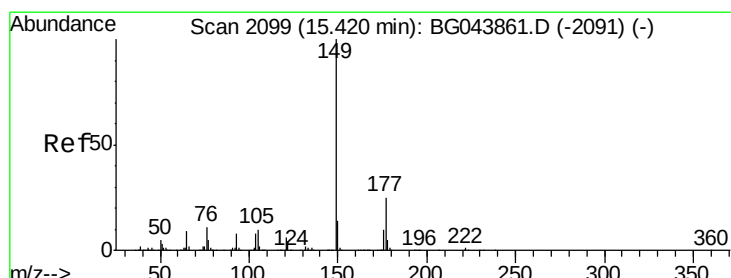
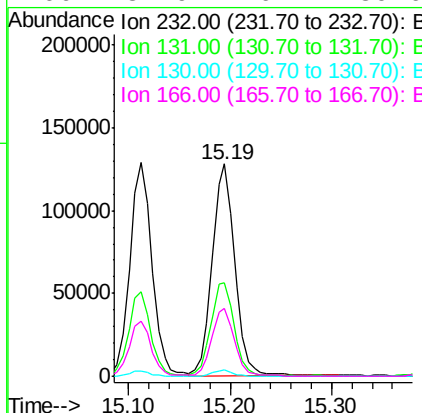
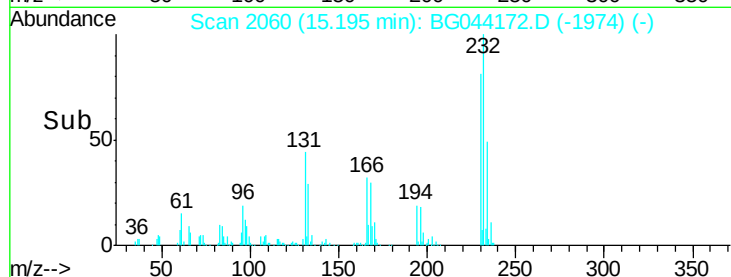
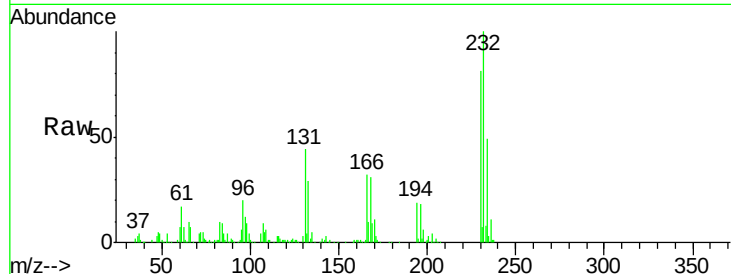
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.853 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197449		
131	45.1		38.2	57.2
130	2.6		2.2	3.2
166	31.9		26.4	39.6

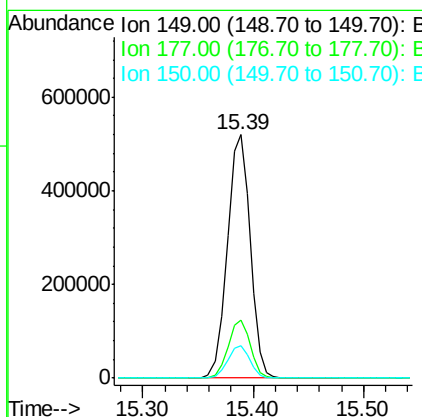
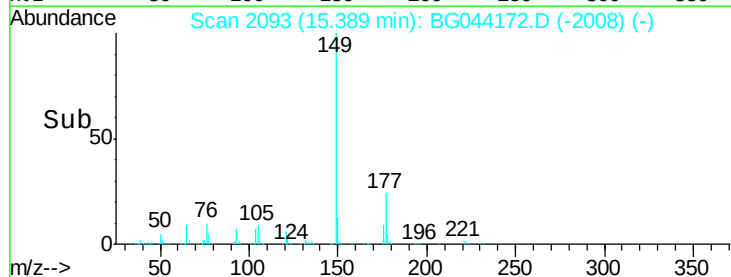
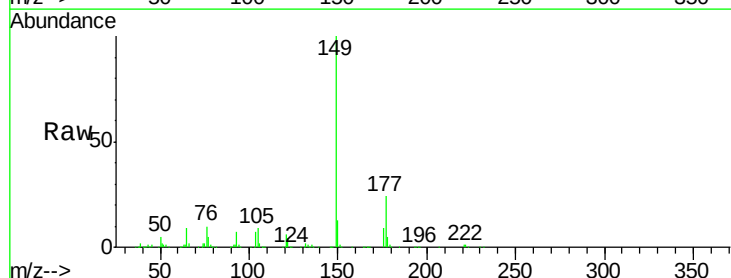
Manual Integrations
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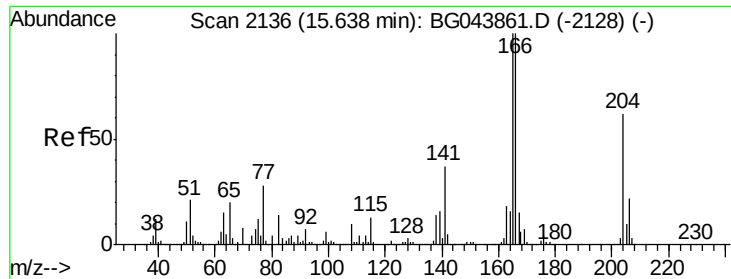
mohammad
1/24/2020 1:53:44 PM



#60
Diethylphthalate
Concen: 48.806 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	752427		
177	23.7		20.0	30.0
150	13.4		11.1	16.7





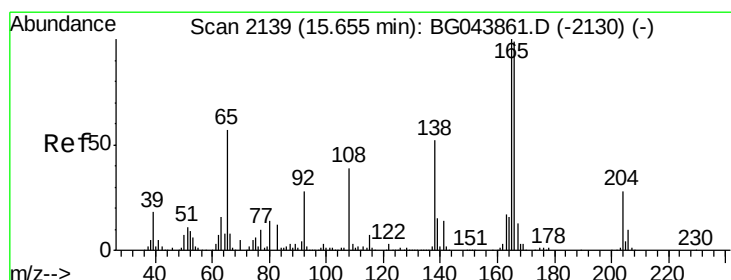
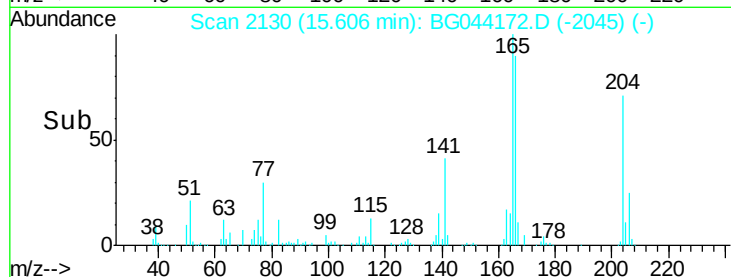
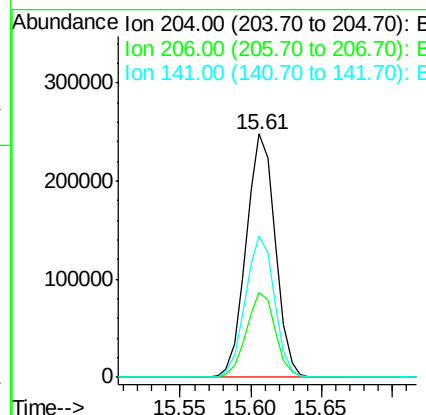
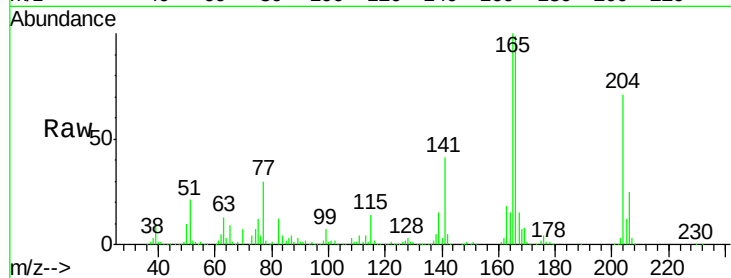
#61
4-Chlorophenyl-phenylether
Concen: 47.665 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	358001		
206	35.0		28.2	42.2
141	58.1		48.2	72.2

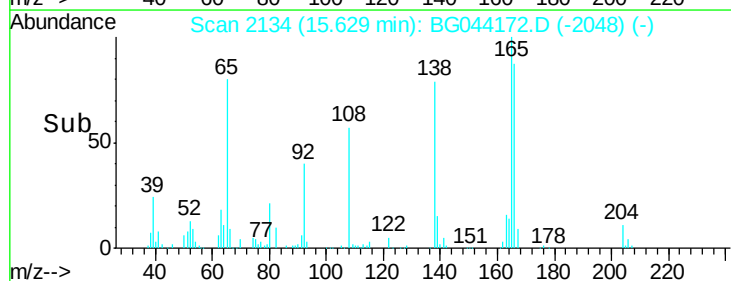
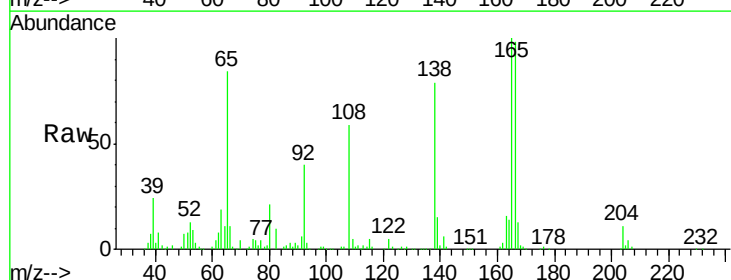
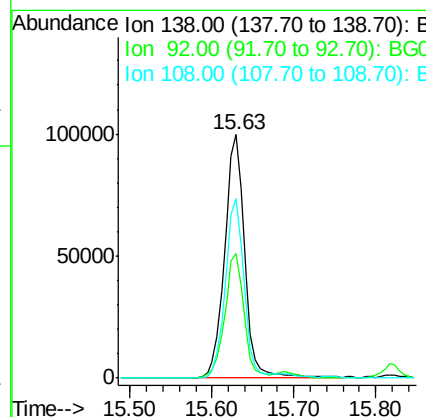
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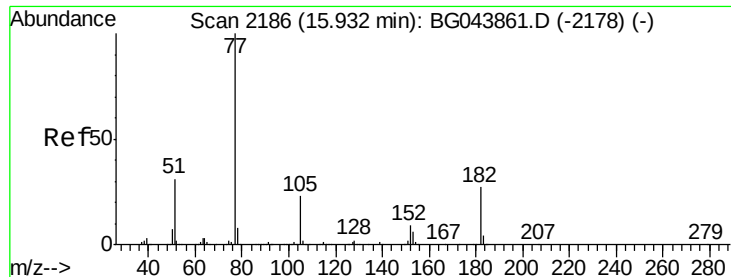
mohammad
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#62
4-Nitroaniline
Concen: 43.752 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	170930		
92	51.0		34.3	74.3
108	74.0		55.0	95.0





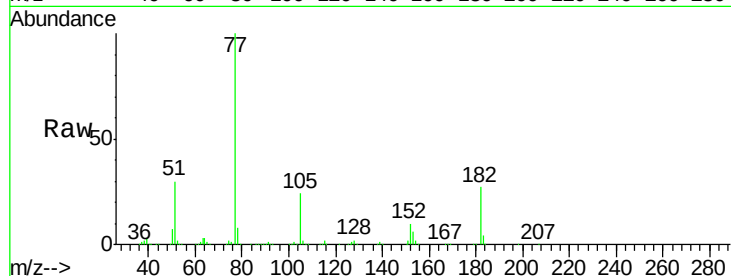
#63
Azobenzene
Concen: 48.823 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

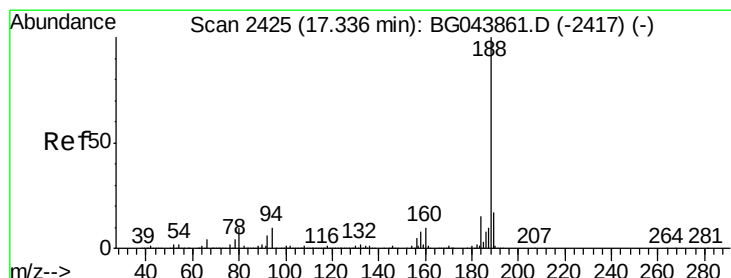
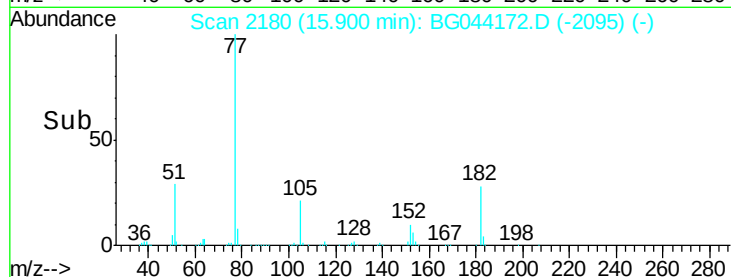
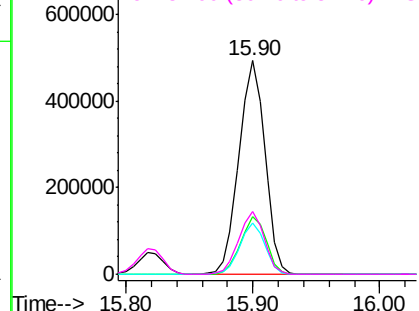
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	23.7	3.2	43.2
51	29.6	10.6	50.6

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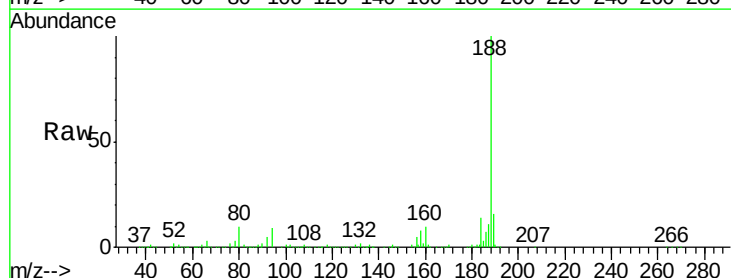


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

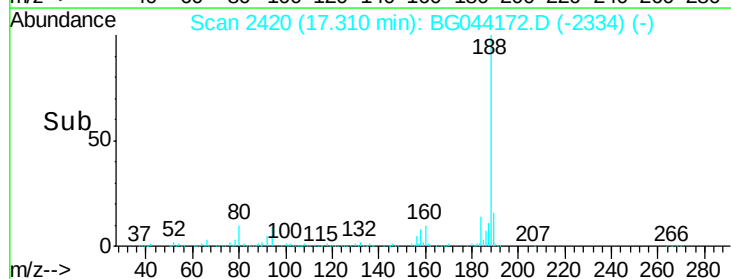
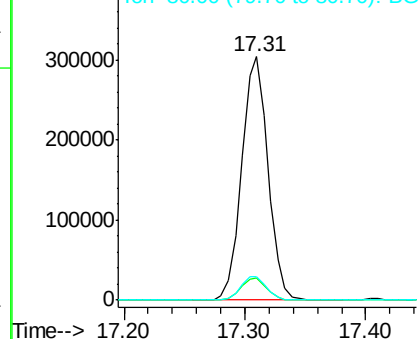


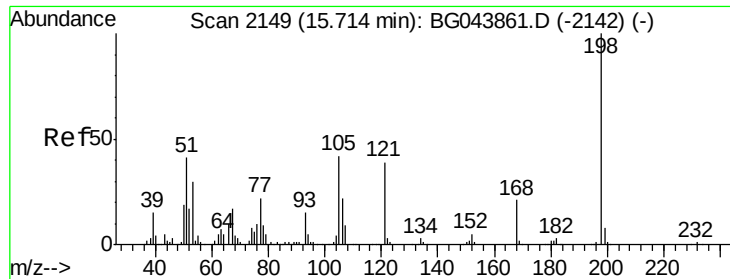
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	9.6	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





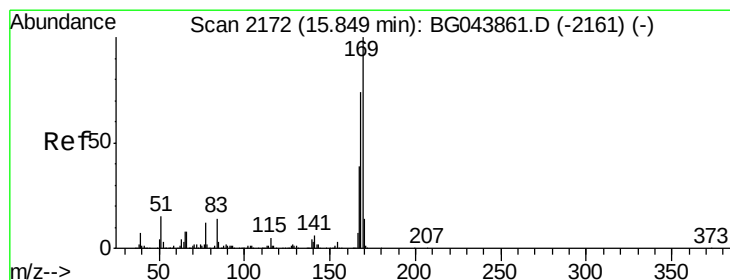
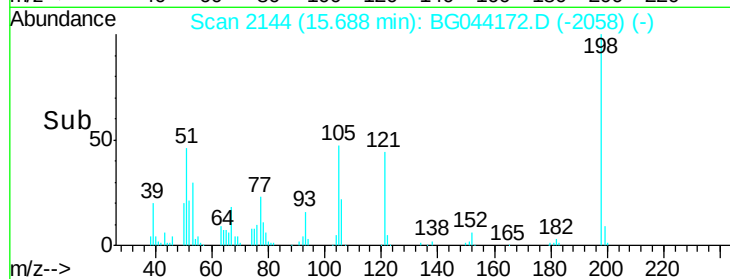
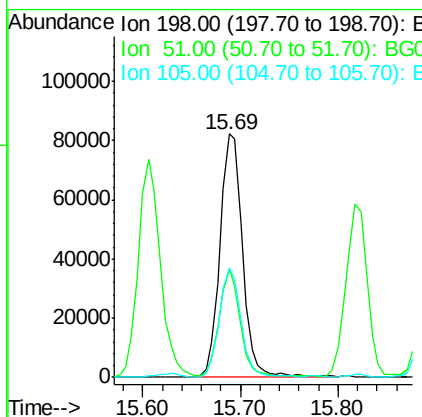
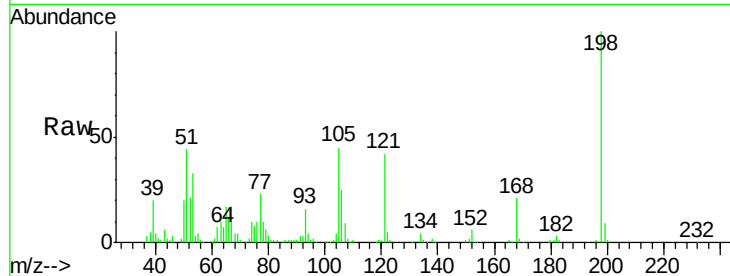
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.097 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132272		
51	44.3		22.5	62.5
105	44.9		22.3	62.3

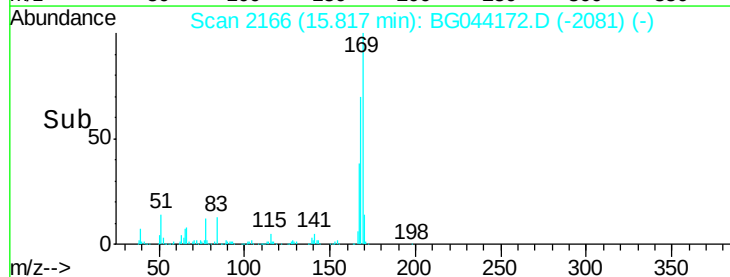
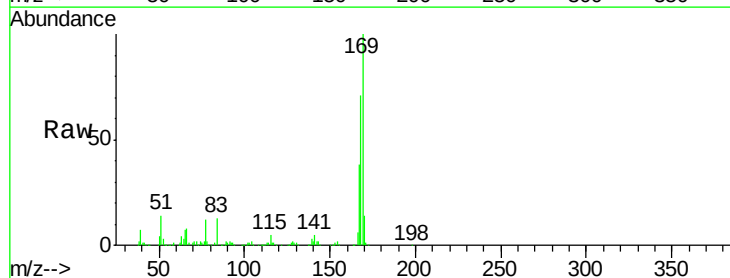
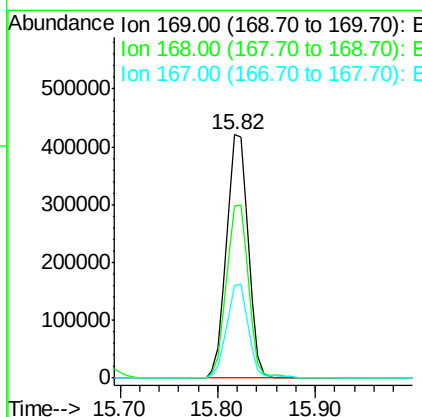
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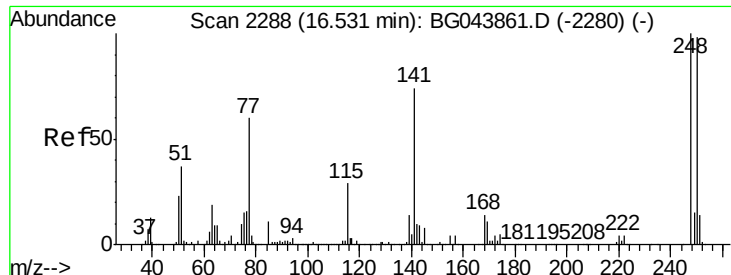
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#66
 n-Nitrosodiphenylamine
 Concen: 48.097 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	651522		
168	70.5		59.0	88.6
167	37.8		31.4	47.0





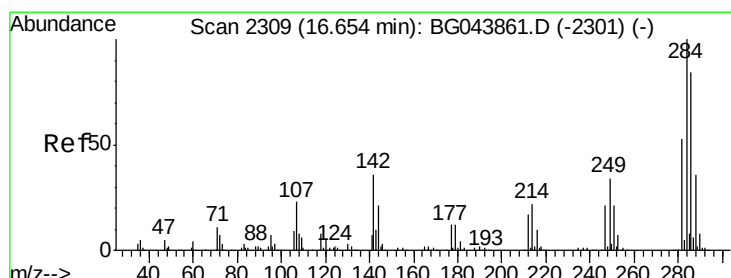
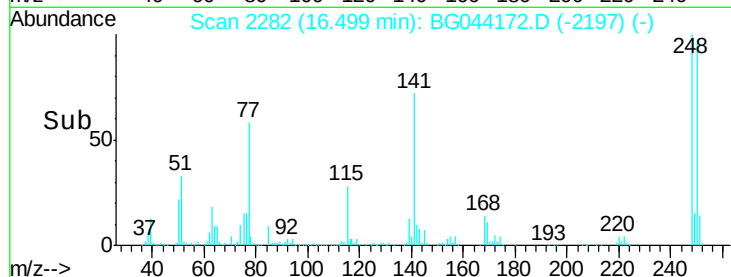
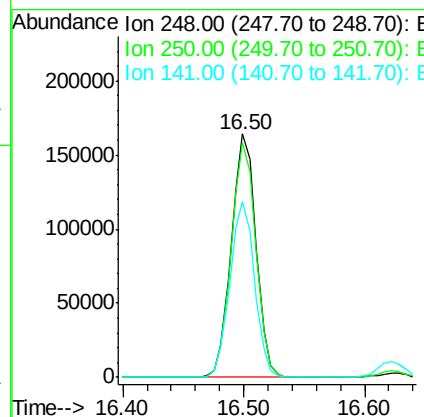
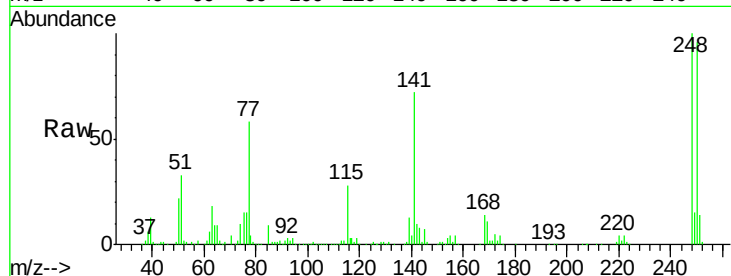
#67
 4-Bromophenyl-phenylether
 Concen: 44.891 ng
 RT: 16.50 min Scan# 2282
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.2	117.2
141	72.3	59.3	88.9

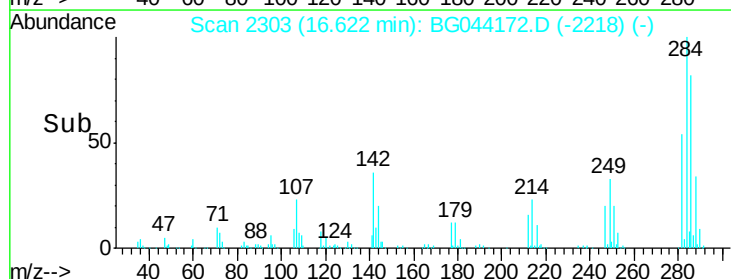
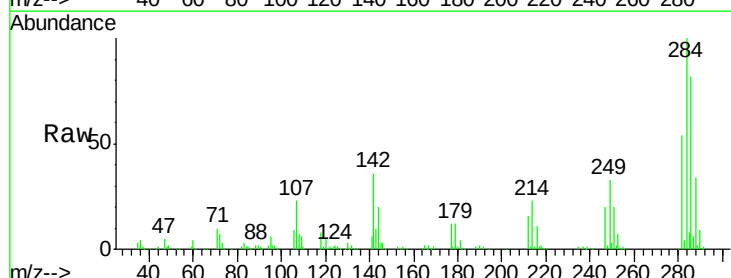
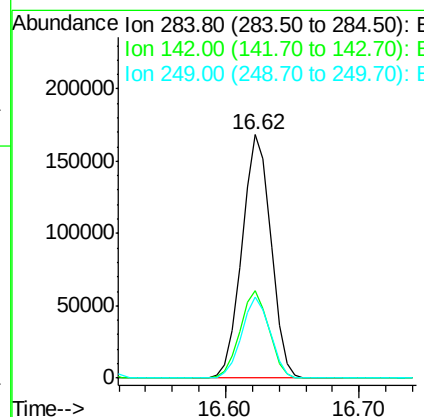
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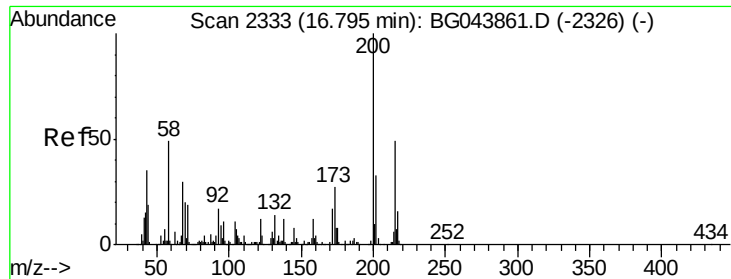
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#68
 Hexachlorobenzene
 Concen: 45.046 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.6	43.0
249	33.4	27.0	40.6





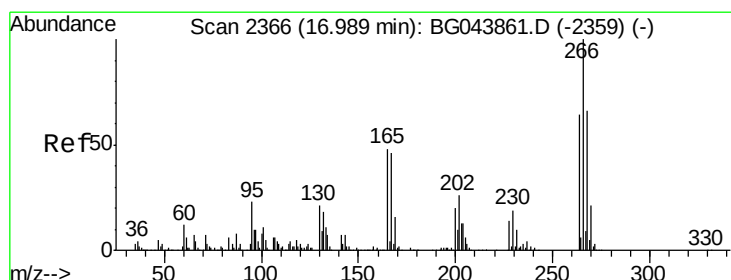
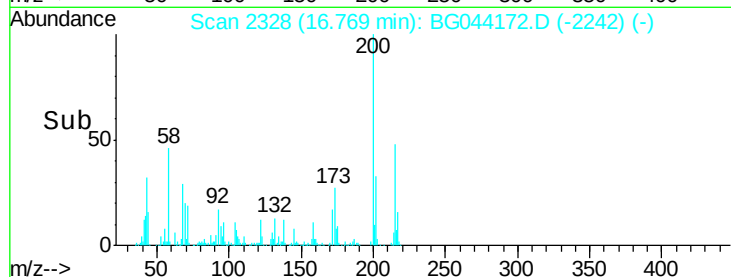
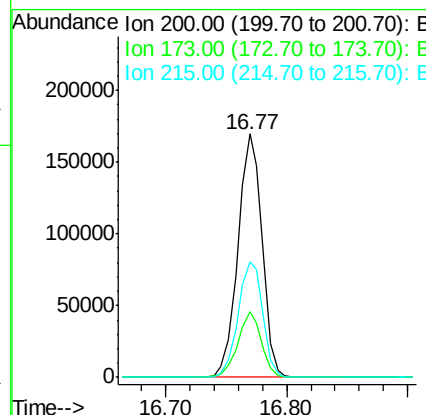
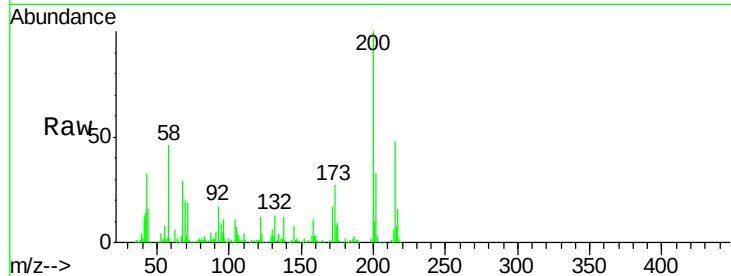
#69
Atrazine
Concen: 53.480 ng
RT: 16.77 min Scan# 2328
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	235483		
173	26.9	6.6	46.6	
215	47.6	28.6	68.6	

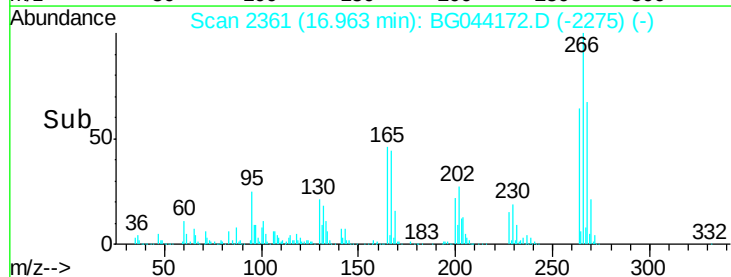
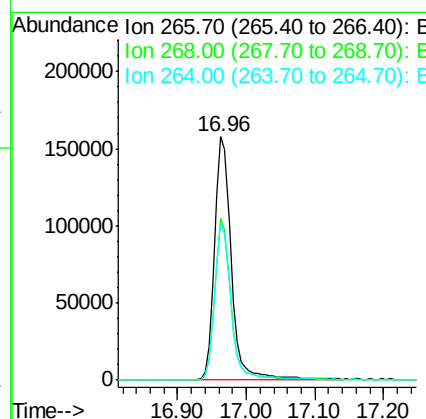
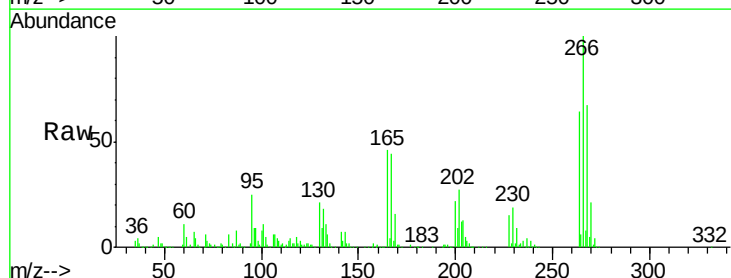
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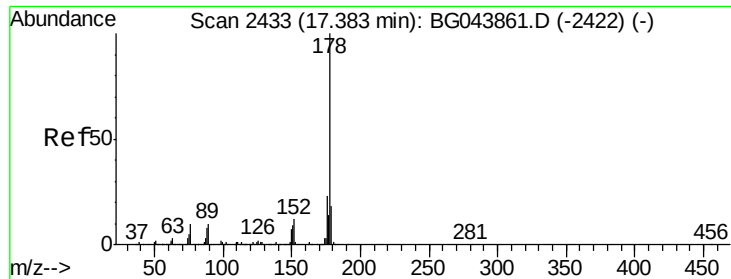
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#70
Pentachlorophenol
Concen: 87.903 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	270123		
268	66.6	52.6	79.0	
264	64.5	50.8	76.2	





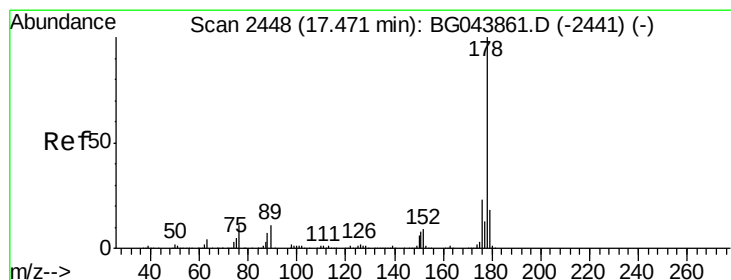
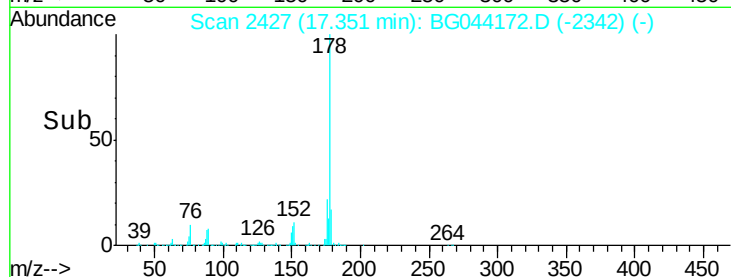
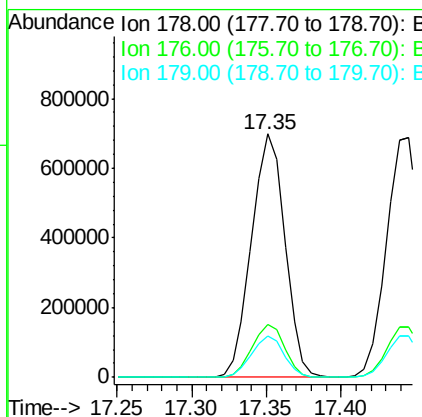
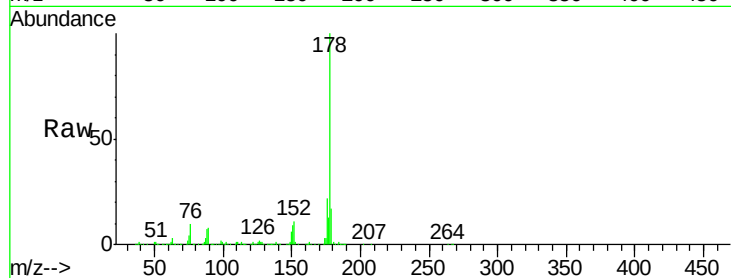
#71
Phenanthrene
Concen: 49.026 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion:178 Resp: 1081676
Ion Ratio Lower Upper
178 100
176 21.7 18.6 28.0
179 16.9 14.4 21.6

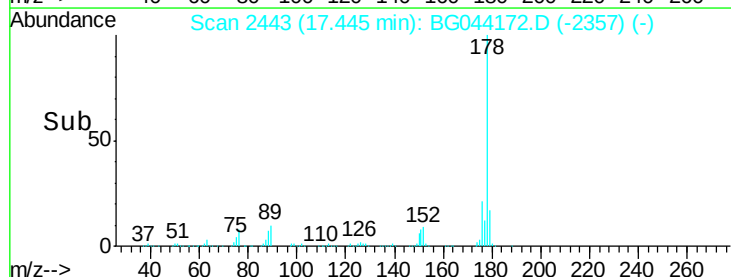
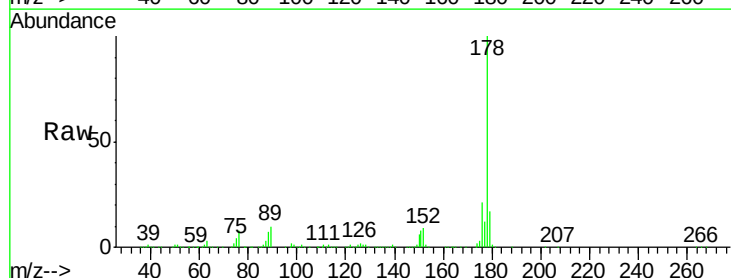
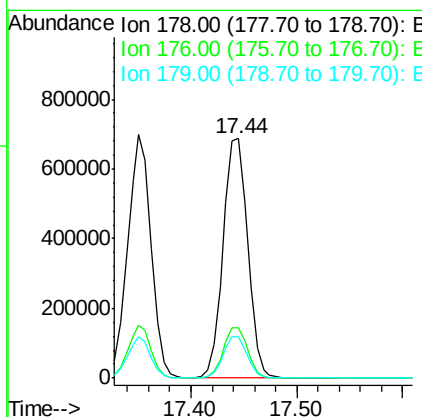
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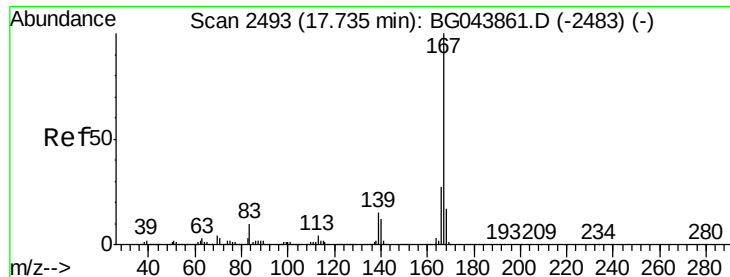
mohammad
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#72
Anthracene
Concen: 50.868 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:178 Resp: 1109162
Ion Ratio Lower Upper
178 100
176 21.1 18.3 27.5
179 17.1 14.6 22.0





#73

Carbazole

Concen: 49.097 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

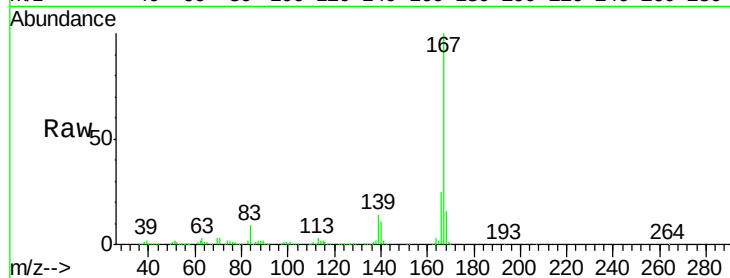
ClientSampleId :

PB126290BSD

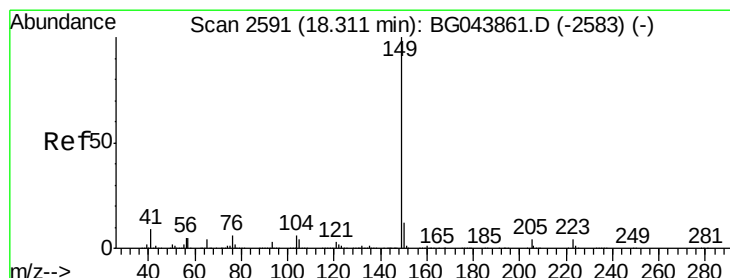
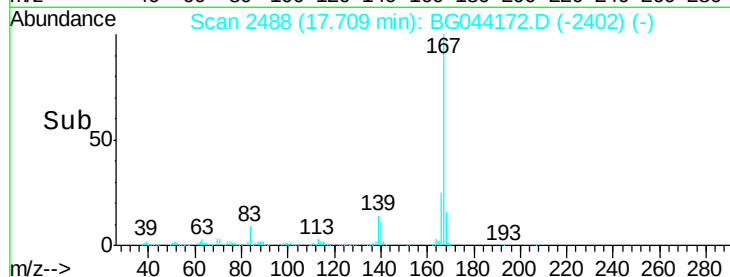
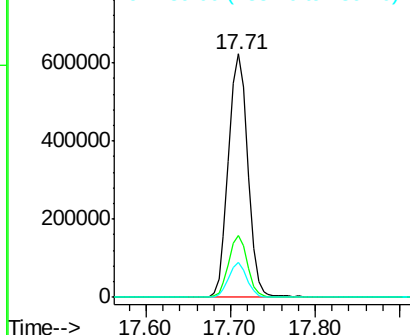
Tot Ion:	167	Resp:	988892
Ion Ratio	Lower	Upper	
167	100		
166	25.2	21.6	32.4
139	14.3	12.1	18.1

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



#74

Di-n-butylphthalate

Concen: 47.622 ng

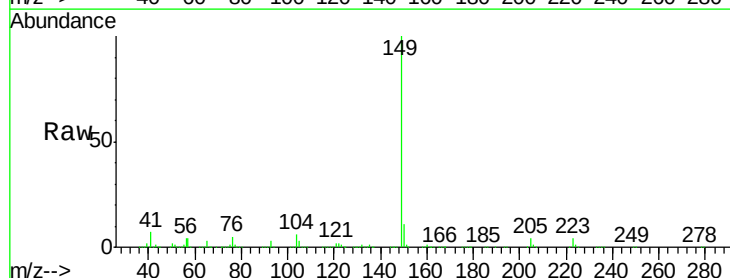
RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

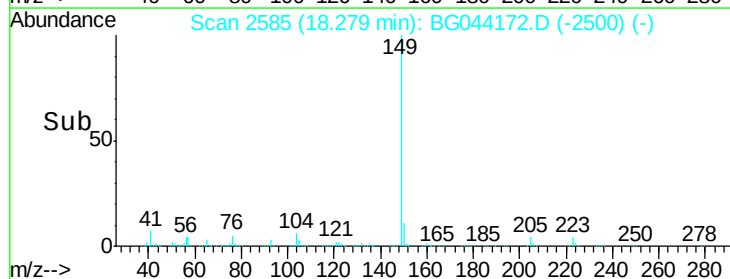
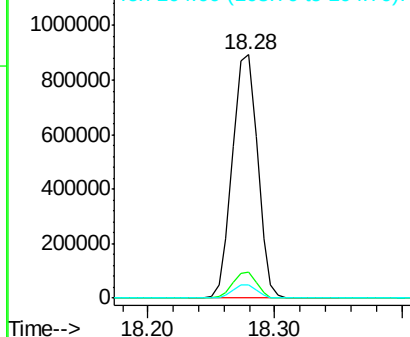
Lab File: BG044172.D

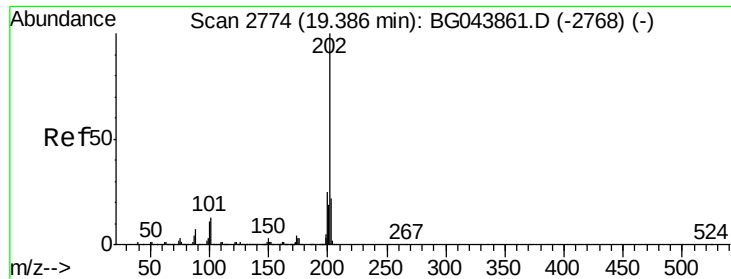
Acq: 23 Jan 2020 18:16

Tgt Ion:	149	Resp:	1224625
Ion Ratio	Lower	Upper	
149	100		
150	10.8	9.7	14.5
104	5.5	5.0	7.4



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





#75

Fluoranthene

Concen: 48.858 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

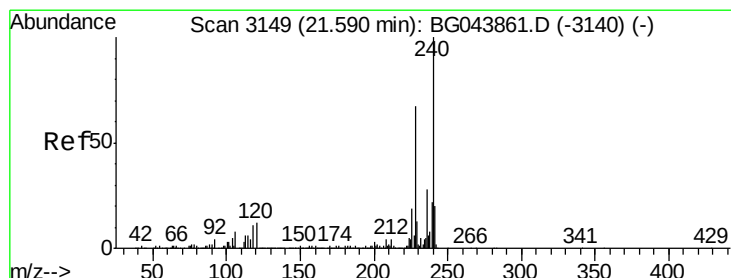
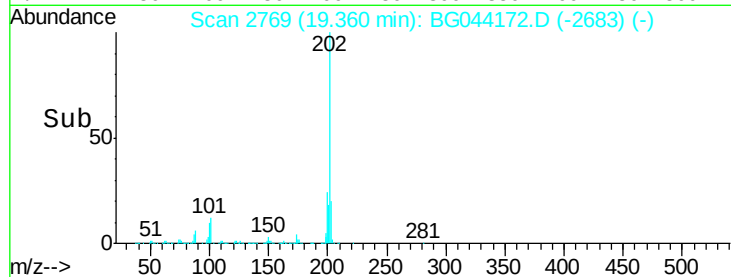
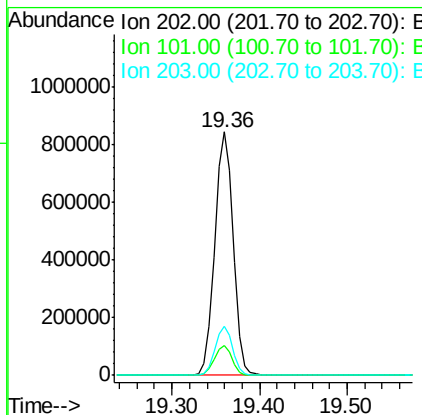
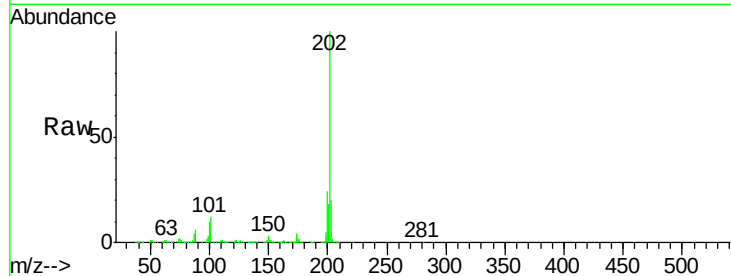
ClientSampleId :

PB126290BSD

Tot Ion:	202	Resp:	1232809
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.3
203	20.0	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

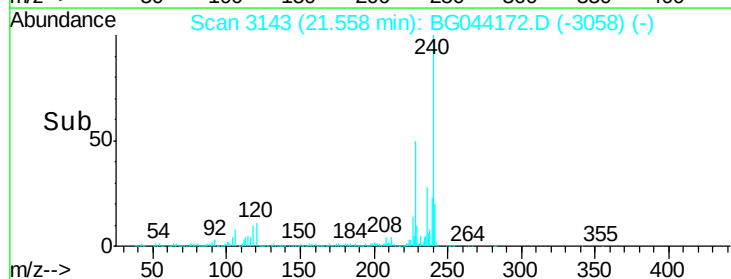
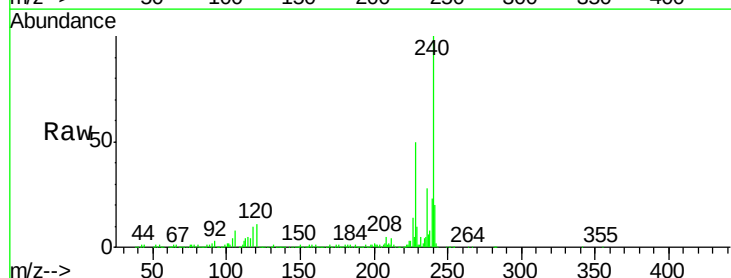
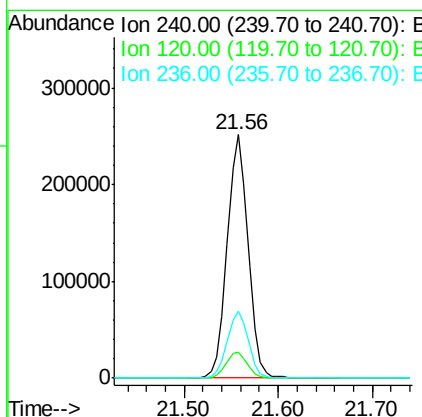
RT: 21.56 min Scan# 3143

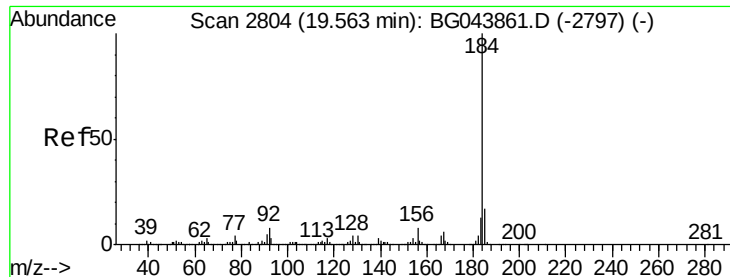
Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	240	Resp:	388596
Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.6	14.4
236	27.6	22.2	33.2





#77

Benzidine

Concen: 52.393 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

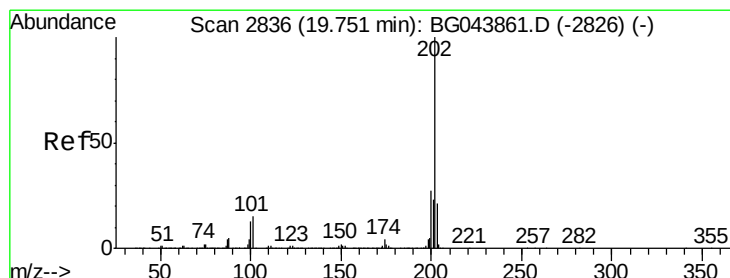
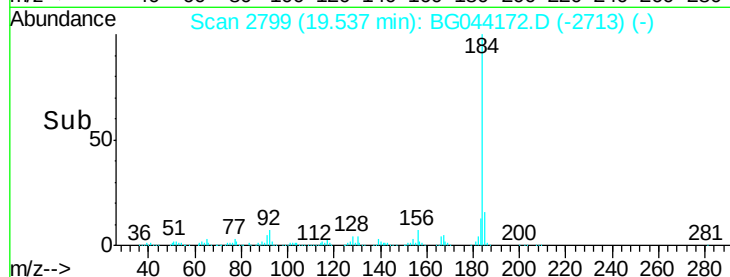
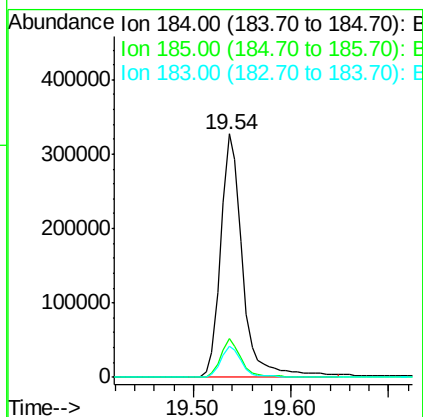
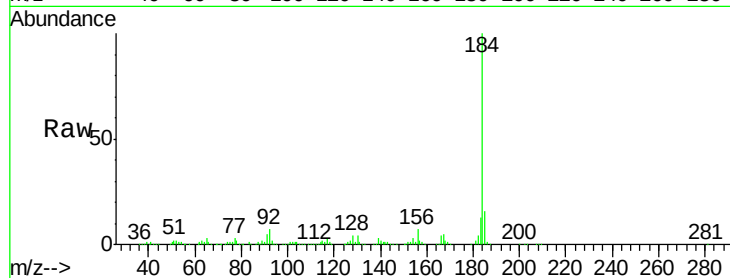
ClientSampleId :

PB126290BSD

Tot Ion:	184	Resp:	511759
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.4	20.0
183	12.7	10.6	15.8

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#78

Pyrene

Concen: 49.103 ng

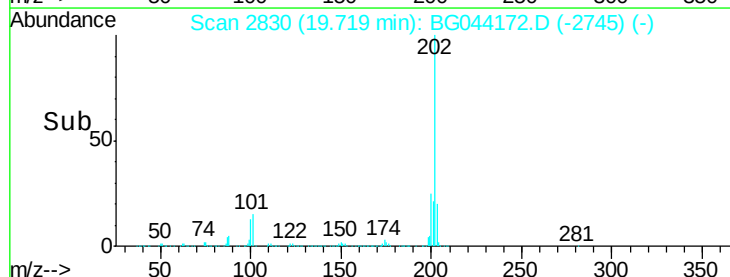
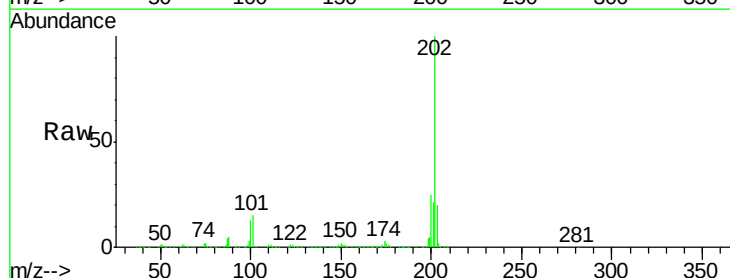
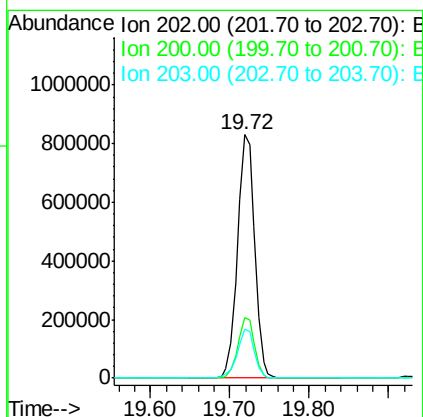
RT: 19.72 min Scan# 2830

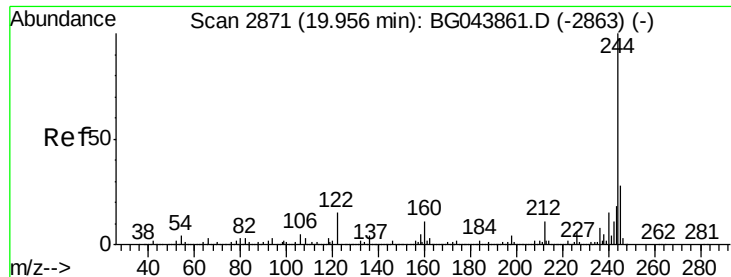
Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:	202	Resp:	1245511
Ion Ratio	Lower	Upper	
202	100		
200	24.9	21.7	32.5
203	20.2	17.0	25.6





#79

Terphenyl-d14

Concen: 99.145 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

Tot Ion:244 Resp: 1531370

Ion Ratio Lower Upper

244 100

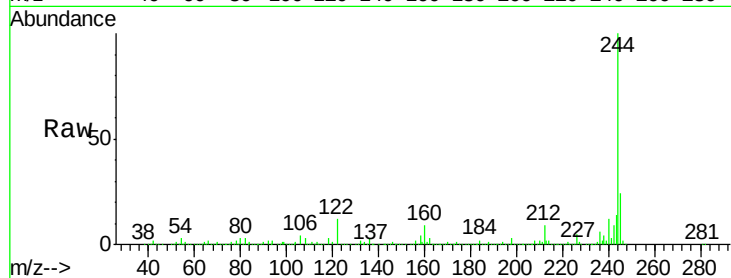
212 8.7 8.6 13.0

122 12.2 11.9 17.9

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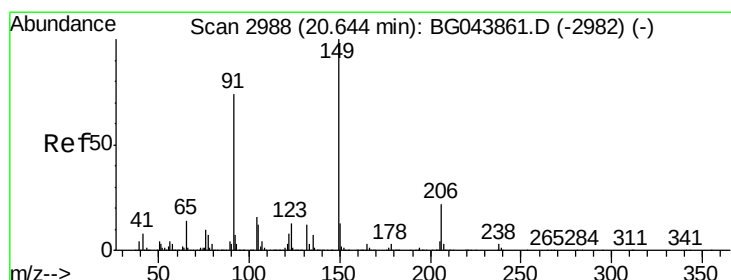
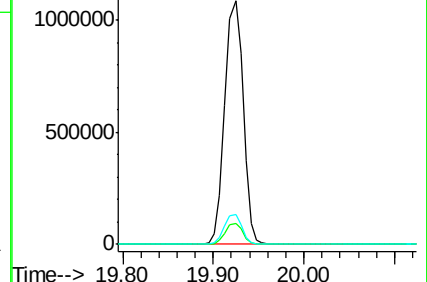
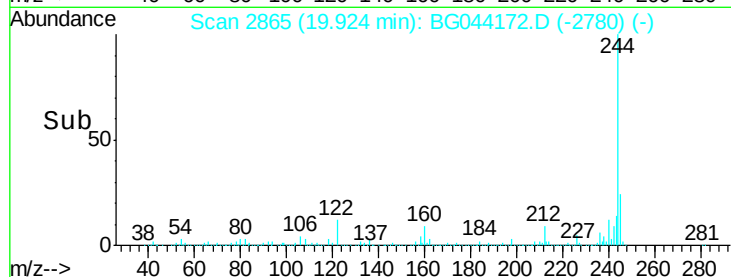
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.087 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

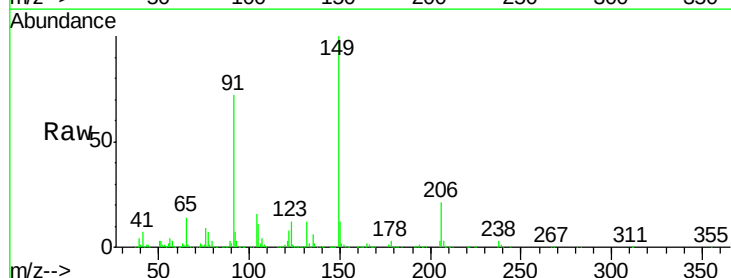
Tgt Ion:149 Resp: 568630

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

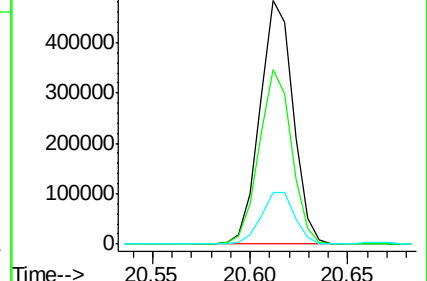
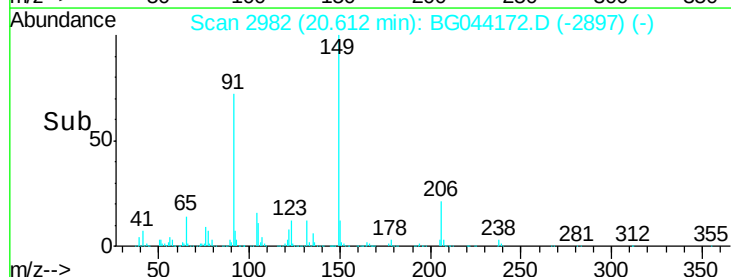
206 21.2 17.8 26.6

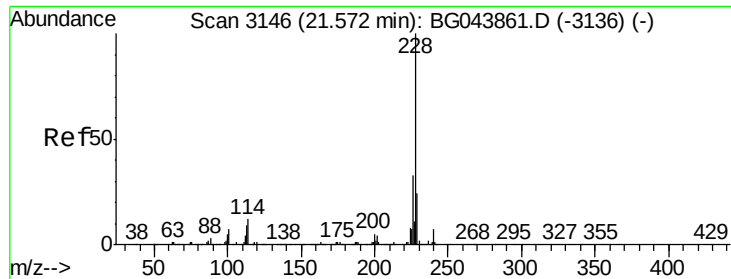


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.820 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

Tot Ion:228 Resp: 1176344

Ion Ratio Lower Upper

228 100

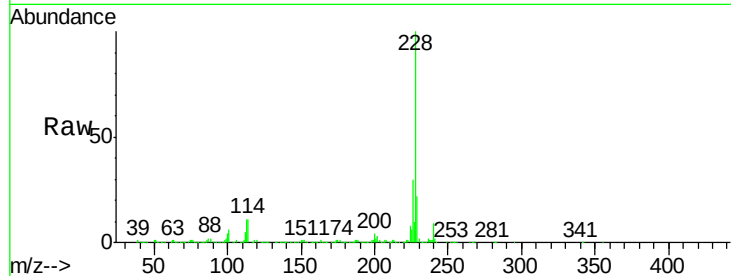
226 30.5 26.2 39.4

229 21.7 18.9 28.3

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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.54

800000

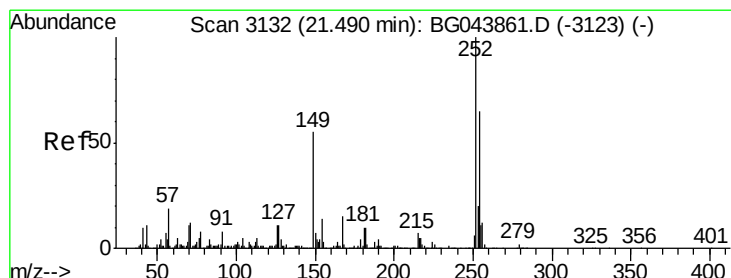
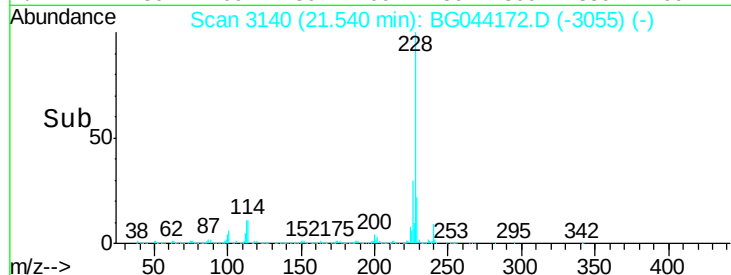
600000

400000

200000

0

Time--> 21.45 21.50 21.55



#82

3,3'-Dichlorobenzidine

Concen: 35.556 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

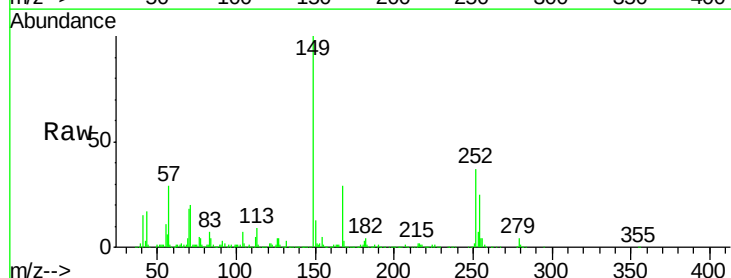
Tgt Ion:252 Resp: 338481

Ion Ratio Lower Upper

252 100

254 66.4 52.1 78.1

126 10.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.46

250000

200000

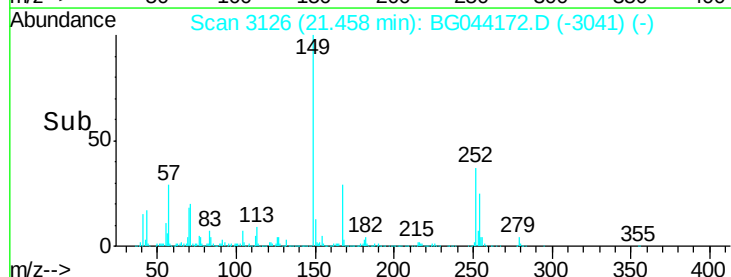
150000

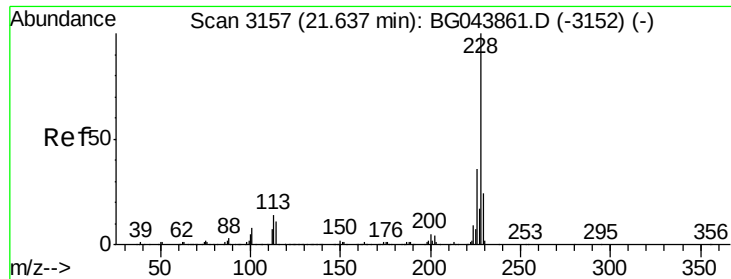
100000

50000

0

Time--> 21.40 21.50 21.60





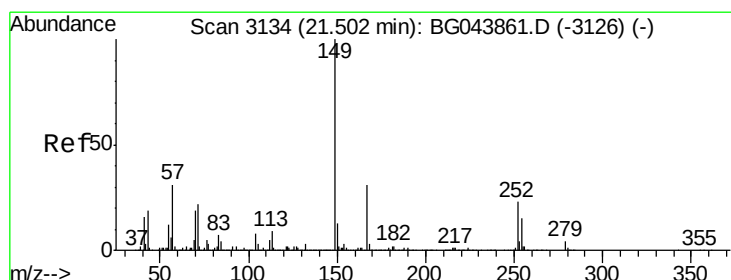
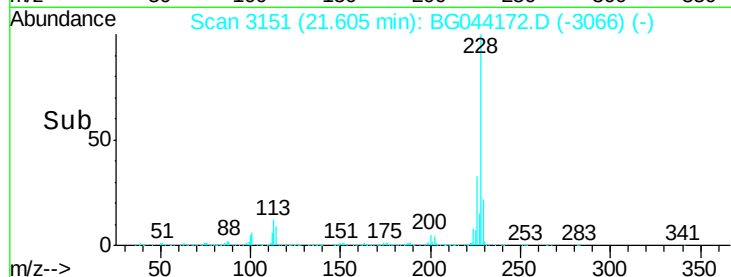
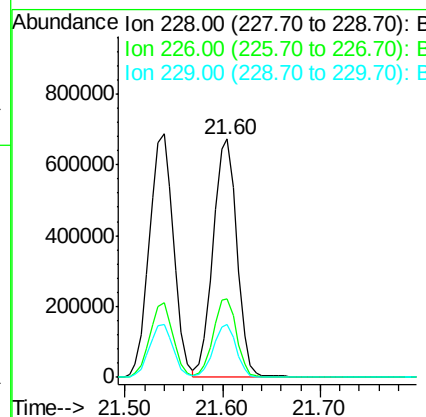
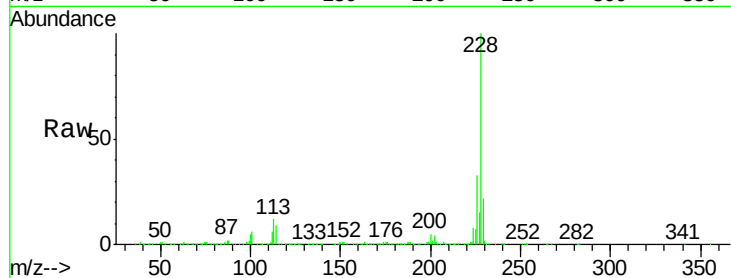
#83
Chrysene
Concen: 49.633 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion:228 Resp: 1136375
Ion Ratio Lower Upper
228 100
226 33.2 28.8 43.2
229 22.0 19.0 28.6

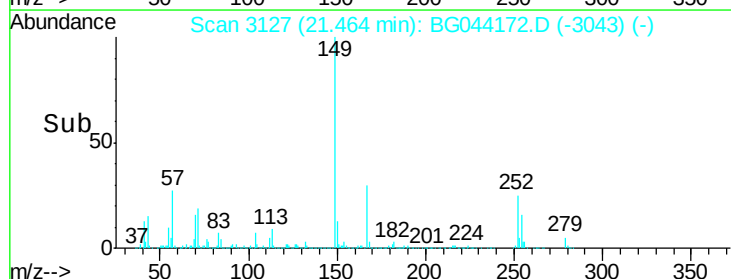
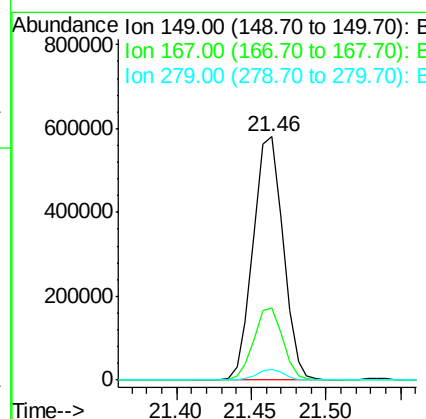
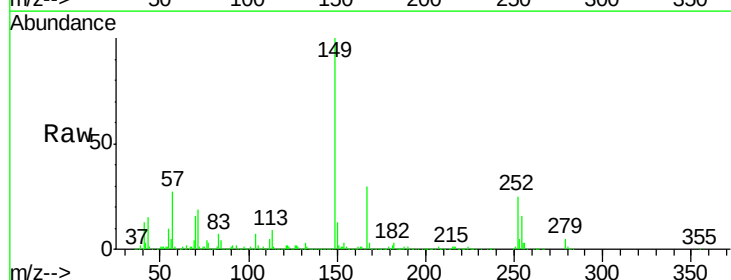
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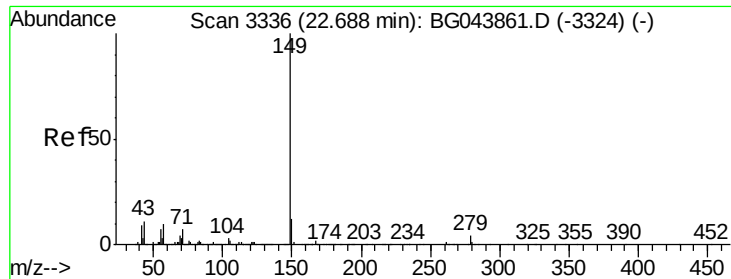
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.261 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:149 Resp: 804165
Ion Ratio Lower Upper
149 100
167 29.8 24.7 37.1
279 4.5 3.3 4.9





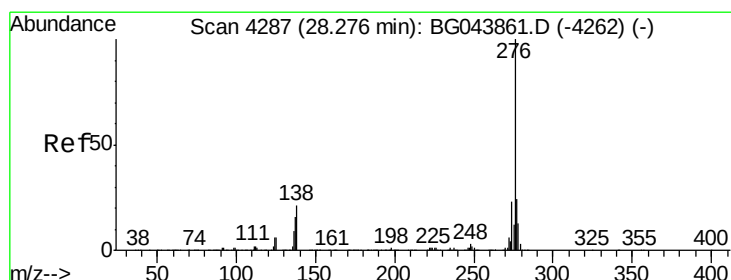
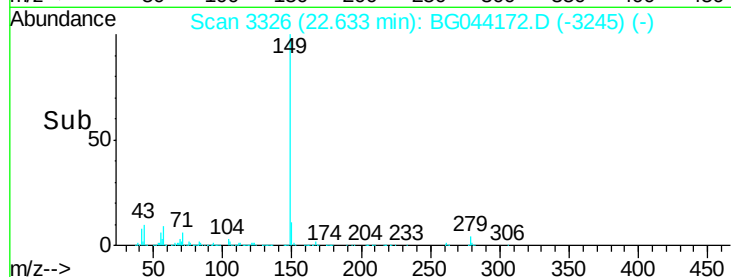
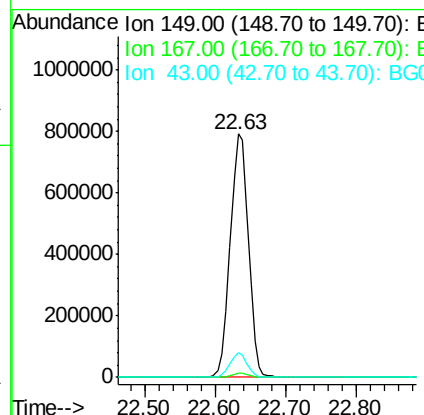
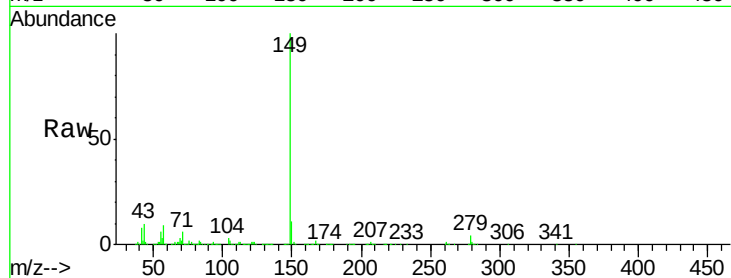
#85
Di-n-octyl phthalate
Concen: 50.450 ng
RT: 22.63 min Scan# 3326
Delta R.T. -0.06 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion:149 Resp: 1413243
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.5 8.8 13.2

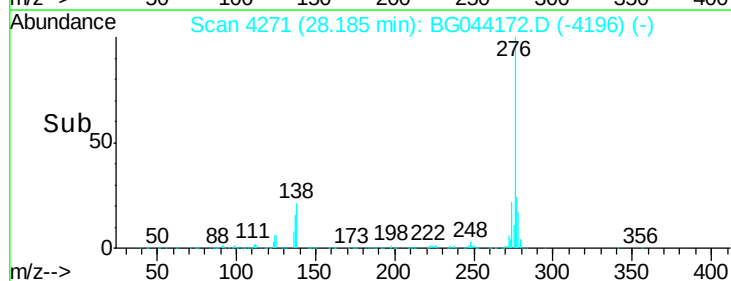
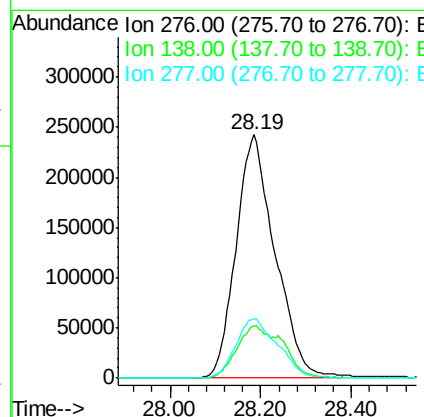
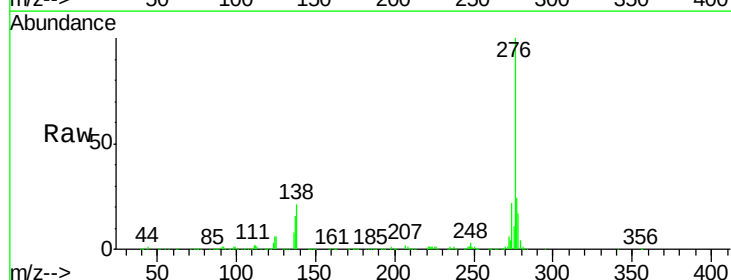
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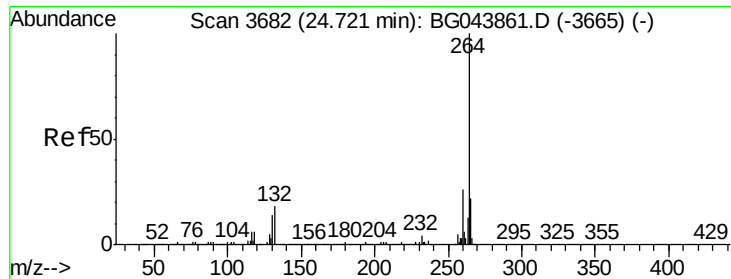
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.576 ng
RT: 28.19 min Scan# 4271
Delta R.T. -0.09 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:276 Resp: 1449240
Ion Ratio Lower Upper
276 100
138 18.9 21.0 31.4#
277 26.2 21.1 31.7





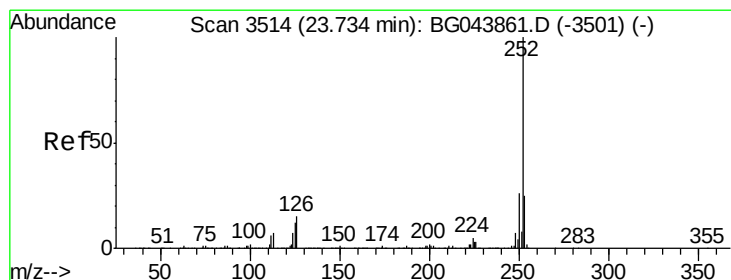
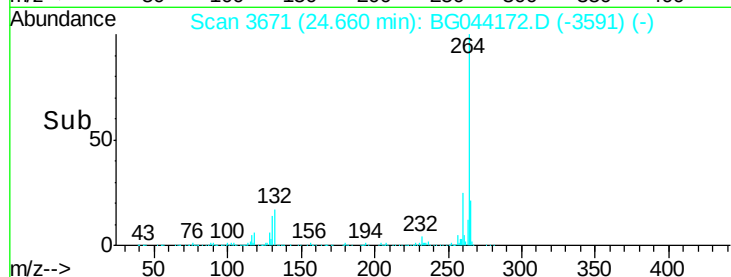
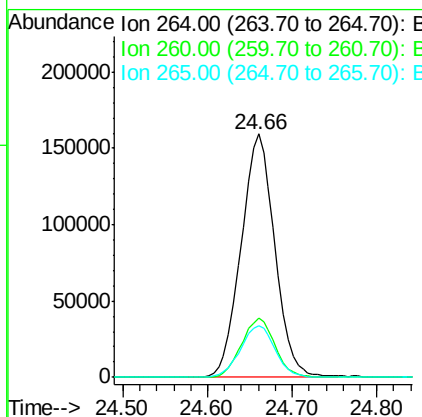
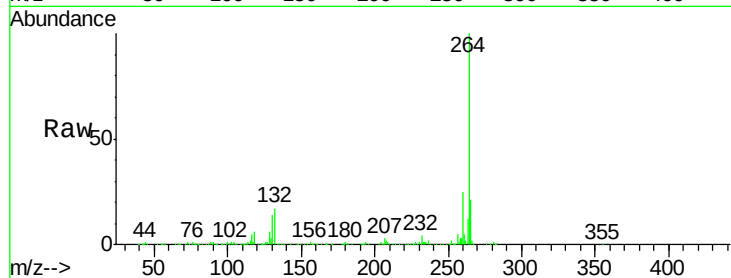
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.06 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	21.2	17.4	26.2

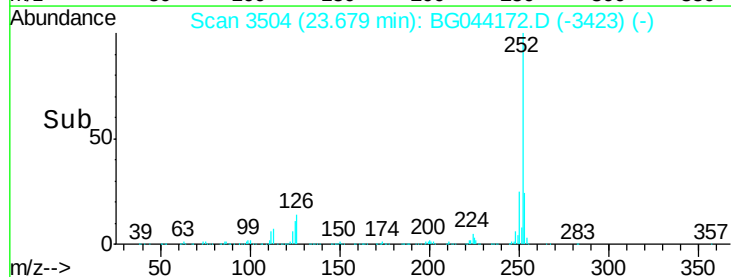
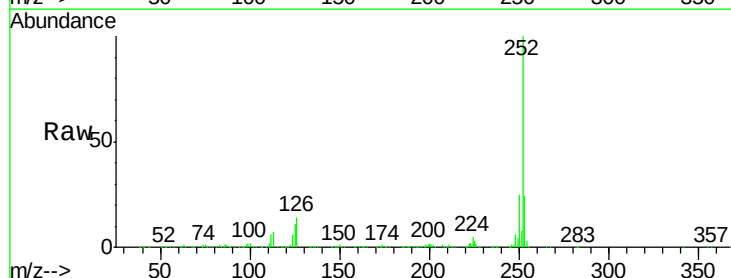
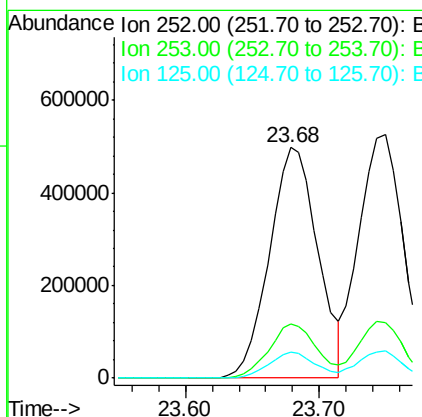
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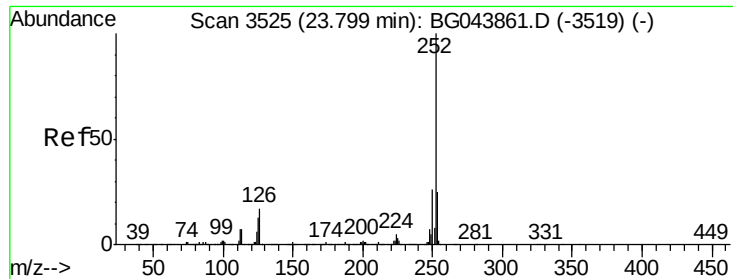
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.961 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.06 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.7	29.5
125	11.1	9.4	14.2





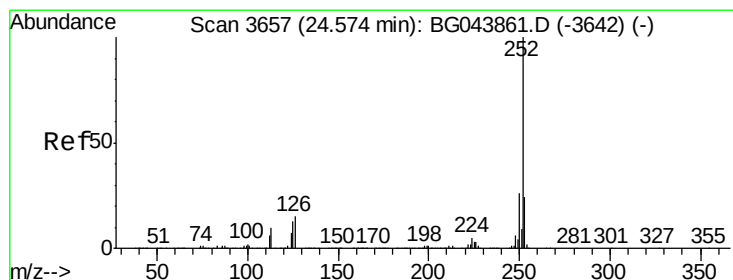
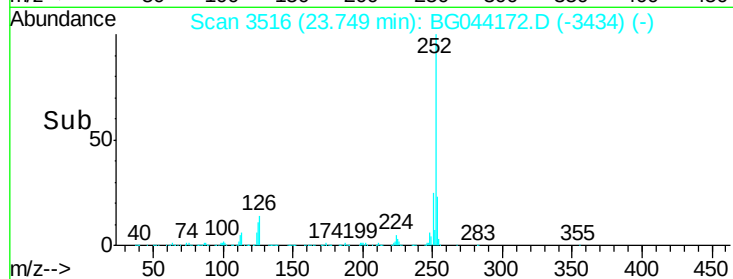
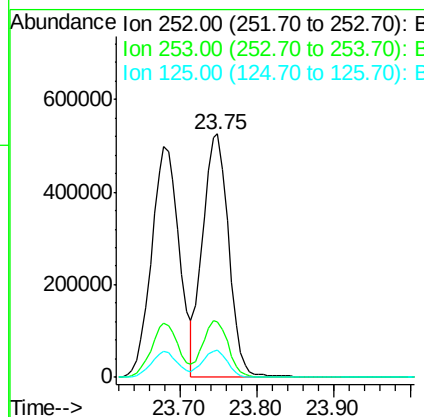
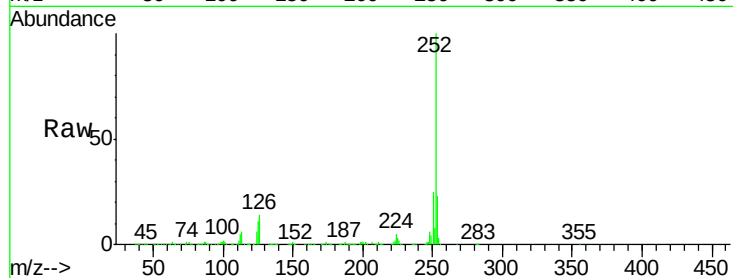
#89
Benzo(k)fluoranthene
Concen: 49.057 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.2
125	11.0	9.9	14.9

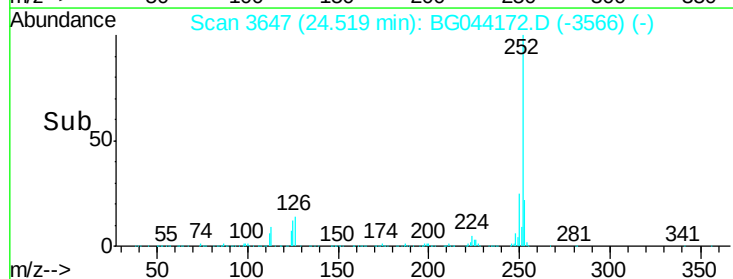
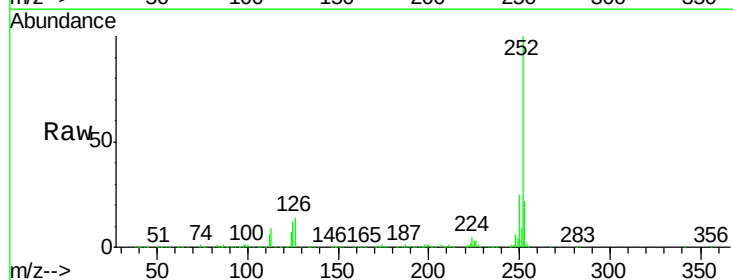
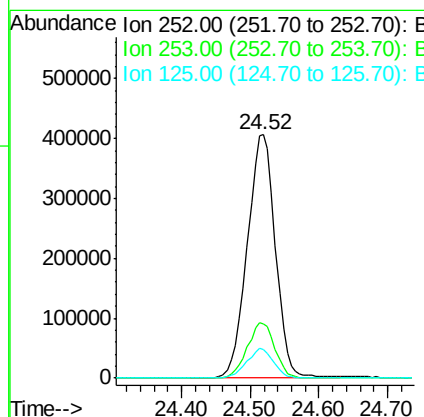
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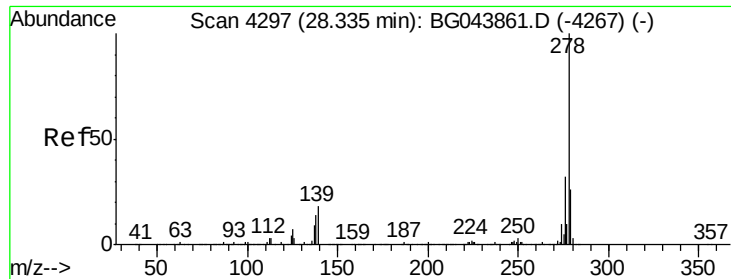
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#90
Benzo(a)pyrene
Concen: 47.054 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.3	28.9
125	11.7	10.4	15.6





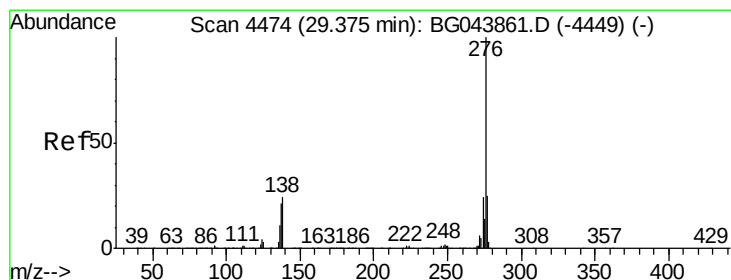
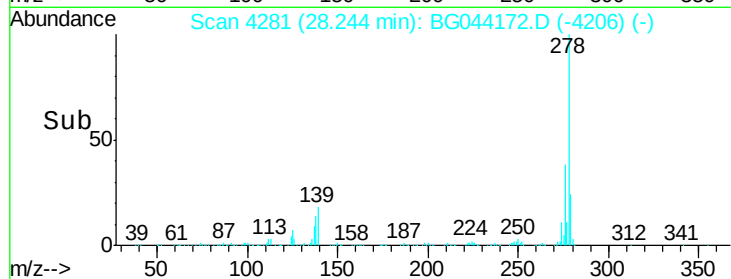
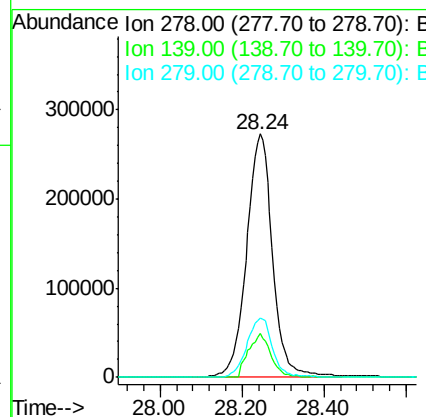
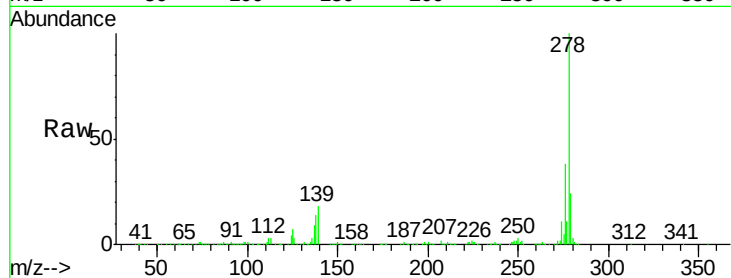
#91
Dibenzo(a,h)anthracene
Concen: 48.407 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.09 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.2	21.4
279	24.1	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 50.156 ng
RT: 29.28 min Scan# 4457
Delta R.T. -0.10 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.2	30.4
138	21.2	19.0	28.6

