

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024660.D
 Acq On : 30 Jan 2020 16:10
 Operator : CG/JU
 Sample : PB126393BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Manual Integrations
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mohammad
 2/3/2020 7:55:29 AM

Quant Time: Jan 30 23:39:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	162819	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	559847	20.00	ng	-0.01
39) Acenaphthene-d10	14.08	164	363917	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	813980	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	952956	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1191825	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	741298	86.59	ng	0.00
7) Phenol-d6	6.63	99	911003	77.24	ng	-0.01
23) Nitrobenzene-d5	8.57	82	811967	71.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.58	330	517106	87.35	ng	-0.01
45) 2-Fluorobiphenyl	12.70	172	2153459	80.45	ng	-0.01
79) Terphenyl-d14	19.49	244	3898354	76.37	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	146269	43.189	ng	90
3) Pyridine	3.44	79	355295	36.189	ng	95
4) n-Nitrosodimethylamine	3.35	42	152822	35.068	ng	87
6) Aniline	6.77	93	469114	32.674	ng	96
8) 2-Chlorophenol	7.01	128	467099	47.926	ng	92
9) Benzaldehyde	6.59	77	218248	31.318	ng	91
10) Phenol	6.66	94	515158	43.819	ng	93
11) bis(2-Chloroethyl)ether	6.88	93	380903	40.471	ng	94
12) 1,3-Dichlorobenzene	7.32	146	552654	46.157	ng	96
13) 1,4-Dichlorobenzene	7.47	146	557372	45.886	ng	98
14) 1,2-Dichlorobenzene	7.78	146	530404	45.237	ng	97
15) Benzyl Alcohol	7.67	79	370078	38.058	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.97	45	279077	32.391	ng	96
17) 2-Methylphenol	7.89	107	350626	42.322	ng	96
18) Hexachloroethane	8.49	117	192635	41.069	ng	98
19) n-Nitroso-di-n-propylamine	8.24	70	297260	33.569	ng	94
20) 3+4-Methylphenols	8.21	107	464176	40.475	ng	95
22) Acetophenone	8.25	105	613308	42.485	ng	95
24) Nitrobenzene	8.61	77	463725	42.389	ng	95
25) Isophorone	9.15	82	781801	40.305	ng	97
26) 2-Nitrophenol	9.32	139	255469	50.432	ng	89
27) 2,4-Dimethylphenol	9.40	122	386805	56.192	ng	94
28) bis(2-Chloroethoxy)methane	9.63	93	480234	40.528	ng	99
29) 2,4-Dichlorophenol	9.85	162	462343	49.714	ng	98
30) 1,2,4-Trichlorobenzene	10.06	180	548725	48.922	ng	99
31) Naphthalene	10.24	128	1334864	47.208	ng	100
32) Benzoic acid	9.54	122	281442m	44.695	ng	
33) 4-Chloroaniline	10.36	127	298085	24.050	ng	95
34) Hexachlorobutadiene	10.55	225	360271	46.465	ng	98
35) Caprolactam	11.13	113	131717m	44.145	ng	
36) 4-Chloro-3-methylphenol	11.50	107	421539	42.627	ng	91
37) 2-Methylnaphthalene	11.86	142	994370	45.569	ng	98
38) 1-Methylnaphthalene	12.09	142	947523	45.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	615517	47.390	ng	99

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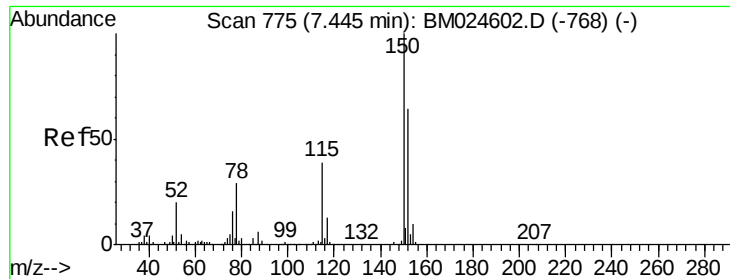
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.24	237	808218	111.017	nq	99
43) 2,4,6-Trichlorophenol	12.50	196	405234	49.029	nq	99
44) 2,4,5-Trichlorophenol	12.57	196	426520	50.530	nq	96
46) 1,1'-Biphenyl	12.90	154	1273483	46.241	nq	99
47) 2-Chloronaphthalene	12.94	162	1030778	46.362	nq	97
48) 2-Nitroaniline	13.15	65	241329	35.589	nq	84
49) Acenaphthylene	13.80	152	1609862	48.368	nq	100
50) Dimethylphthalate	13.56	163	1273923	43.291	nq	100
51) 2,6-Dinitrotoluene	13.66	165	288689	46.143	nq #	83
52) Acenaphthene	14.15	154	946819	45.843	nq	99
53) 3-Nitroaniline	13.99	138	182139	28.069	nq	89
54) 2,4-Dinitrophenol	14.20	184	360165	96.267	nq #	84
55) Dibenzofuran	14.49	168	1572542	46.686	nq	97
56) 4-Nitrophenol	14.33	139	505837	99.724	nq #	83
57) 2,4-Dinitrotoluene	14.46	165	400043	44.615	nq #	84
58) Fluorene	15.14	166	1258513	44.460	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	406579	47.498	nq #	94
60) Diethylphthalate	14.94	149	1211834	40.563	nq	99
61) 4-Chlorophenyl-phenylether	15.15	204	696891	42.703	nq	97
62) 4-Nitroaniline	15.16	138	272152	37.996	nq	89
63) Azobenzene	15.44	77	946173	37.129	nq	93
65) 4,6-Dinitro-2-methylphenol	15.23	198	254848	53.248	nq	91
66) n-Nitrosodiphenylamine	15.36	169	1121067	47.947	nq	99
67) 4-Bromophenyl-phenylether	16.04	248	455382	44.987	nq	96
68) Hexachlorobenzene	16.15	284	539357	46.432	nq	97
69) Atrazine	16.33	200	438486	48.856	nq	98
70) Pentachlorophenol	16.50	266	711326	100.533	nq	98
71) Phenanthrene	16.88	178	2043003	46.349	nq	99
72) Anthracene	16.97	178	2114998	49.038	nq	99
73) Carbazole	17.24	167	1869330	47.611	nq	99
74) Di-n-butylphthalate	17.83	149	2066195	41.164	nq	99
75) Fluoranthene	18.90	202	2626663	47.745	nq	99
77) Benzidine	19.10	184	1804584	81.313	nq	99
78) Pyrene	19.27	202	2742817	43.660	nq	100
80) Butylbenzylphthalate	20.21	149	1015126	38.509	nq	90
81) Benzo(a)anthracene	21.03	228	3062348	46.301	nq	99
82) 3,3'-Dichlorobenzidine	20.97	252	981734	41.262	nq	99
83) Chrysene	21.08	228	2942312	46.621	nq	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1480472	38.062	nq	97
85) Di-n-octyl phthalate	21.86	149	2691963	41.891	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4176336	60.713	nq	98
88) Benzo(b)fluoranthene	22.54	252	3530127	45.668	nq	99
89) Benzo(k)fluoranthene	22.58	252	3217283	42.641	nq	99
90) Benzo(a)pyrene	23.07	252	3186087	45.335	nq	99
91) Dibenzo(a,h)anthracene	25.24	278	3542343	53.106	nq	99
92) Benzo(g,h,i)perylene	25.86	276	3513671	58.012	nq	98

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



#1

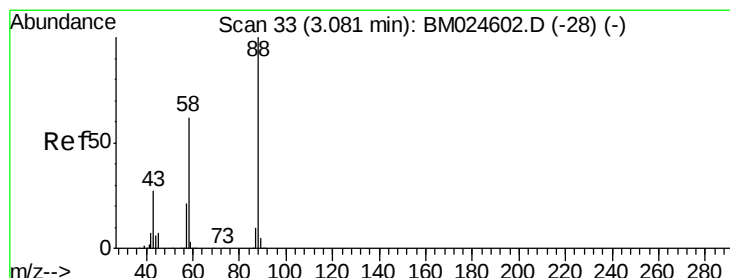
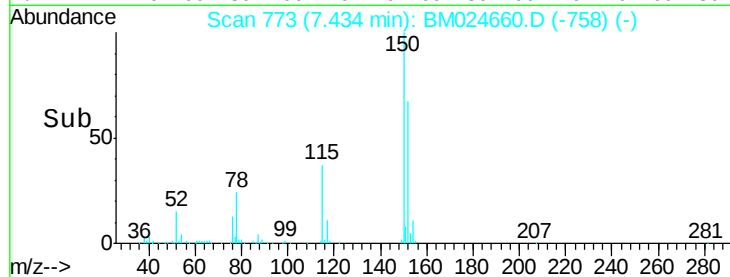
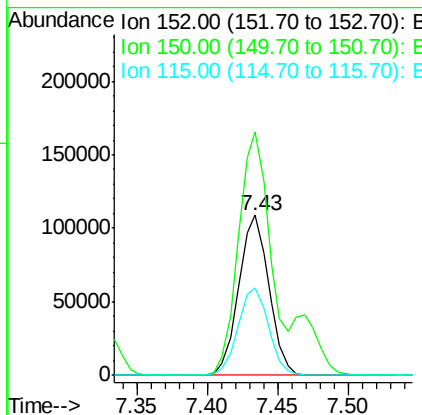
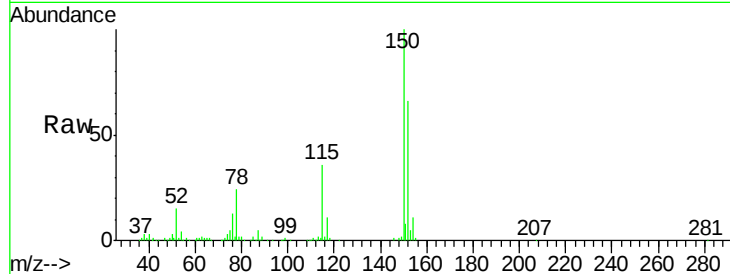
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.43 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.4
115	54.5	48.6	72.8

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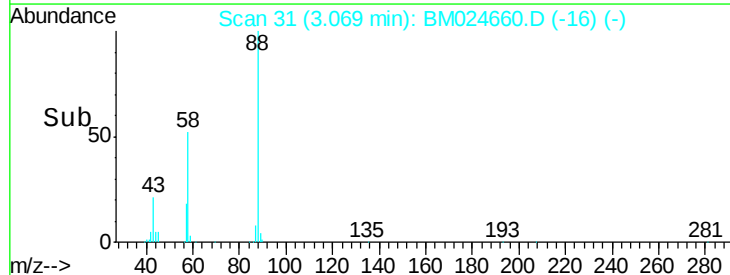
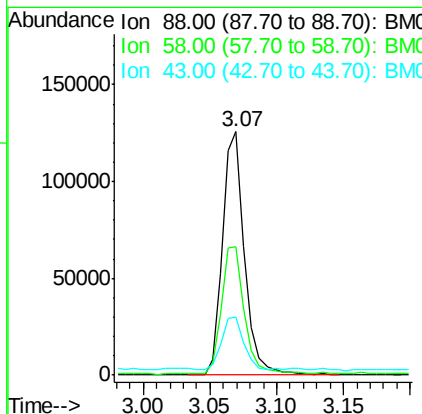
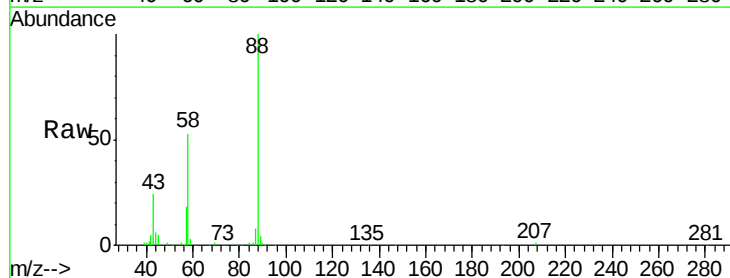
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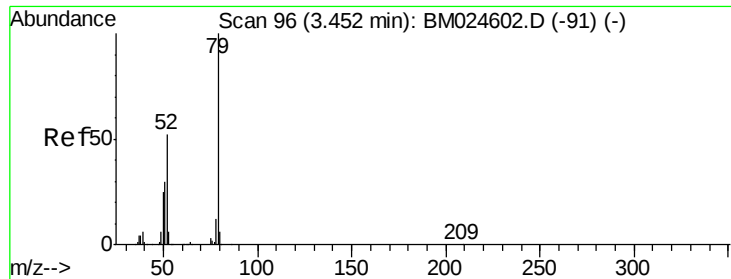


#2

1,4-Dioxane
 Concen: 43.189 ng
 RT: 3.07 min Scan# 31
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.2	50.0	75.0
43	22.7	21.6	32.4





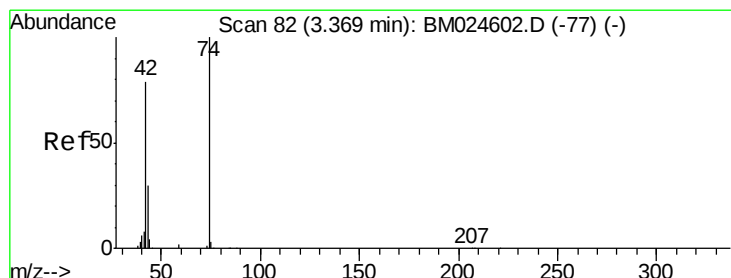
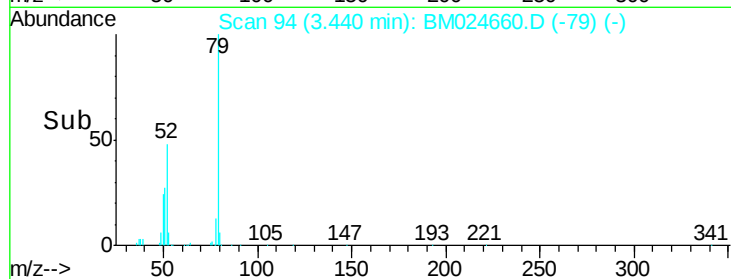
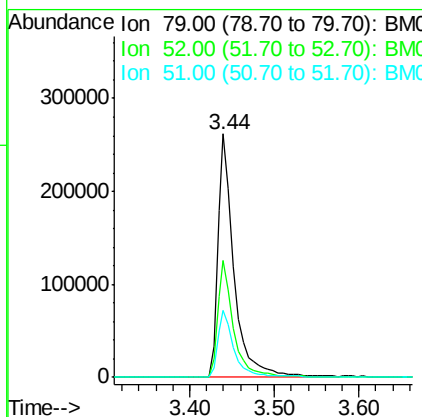
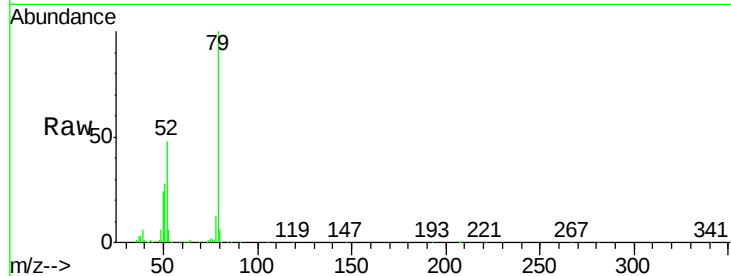
#3
 Pvridine
 Concen: 36.189 ng
 RT: 3.44 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.9	41.4	62.2
51	27.6	23.8	35.8

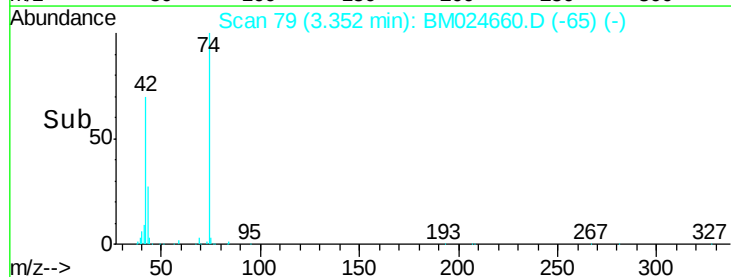
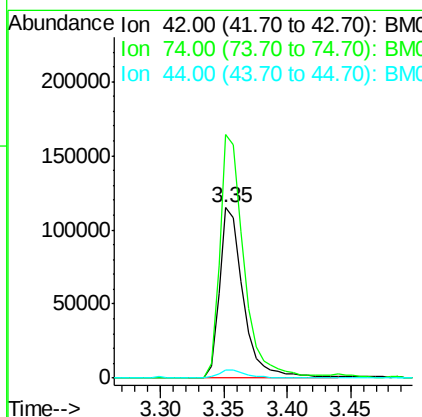
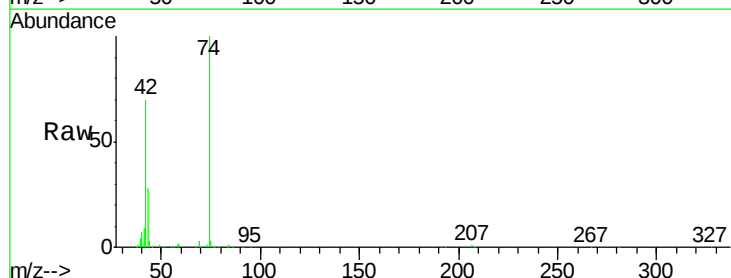
Manual Integrations
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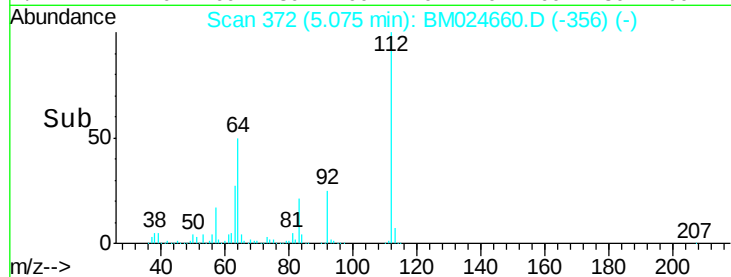
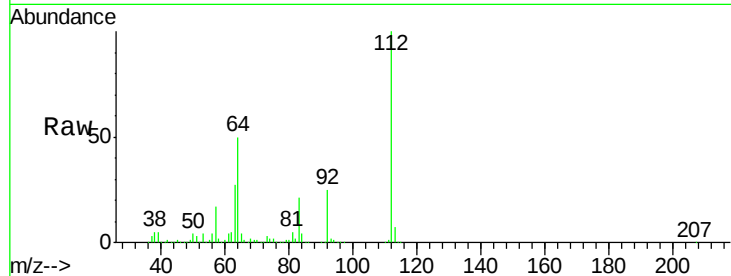
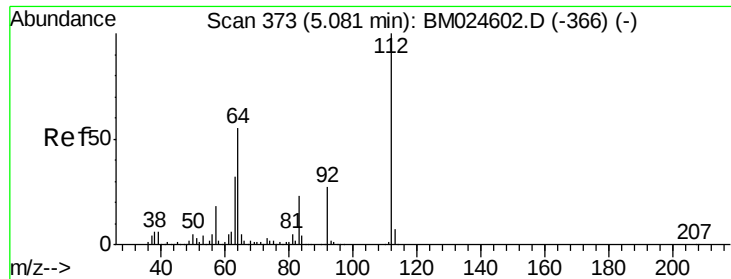
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#4
 n-Nitrosodimethylamine
 Concen: 35.068 ng
 RT: 3.35 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.8	101.4	152.2
44	5.0	4.6	6.8





#5

2-Fluorophenol

Concen: 86.585 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tot Ion:	112	Resp:	741298
Ion Ratio	Lower	Upper	
112	100		
64	49.8	44.2	66.4
63	27.4	25.9	38.9

Instrument :

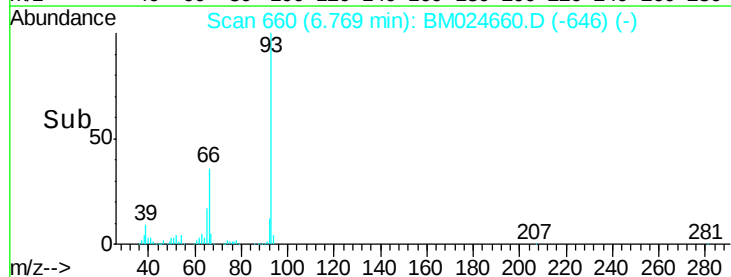
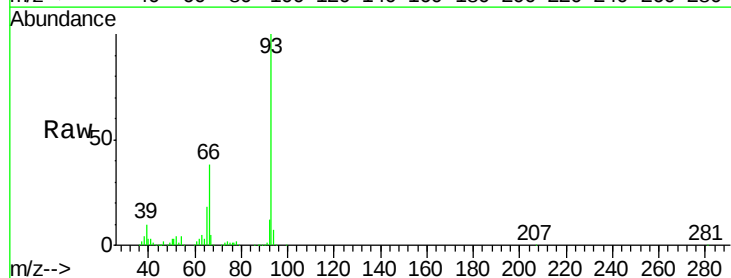
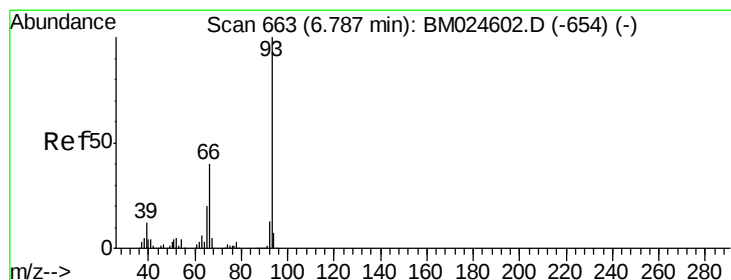
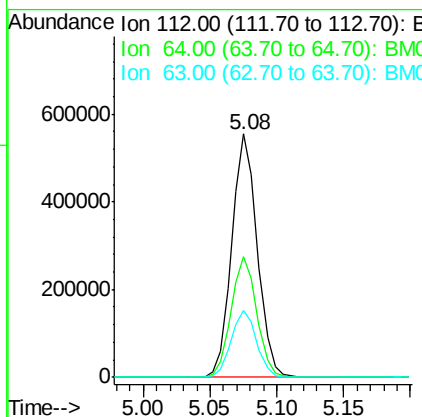
BNA_M

ClientSampleId :

PB126393BSD

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#6

Aniline

Concen: 32.674 ng

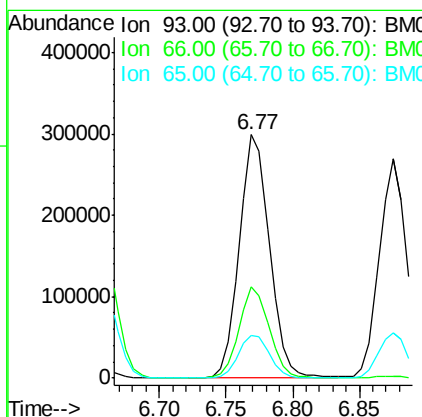
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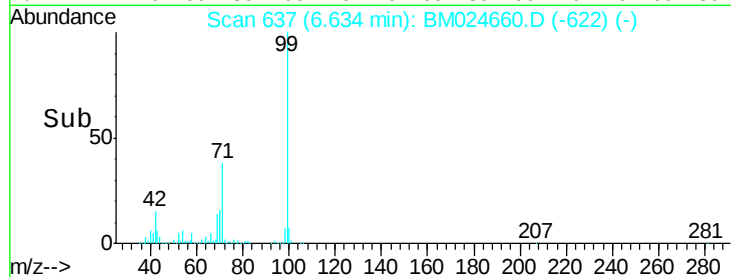
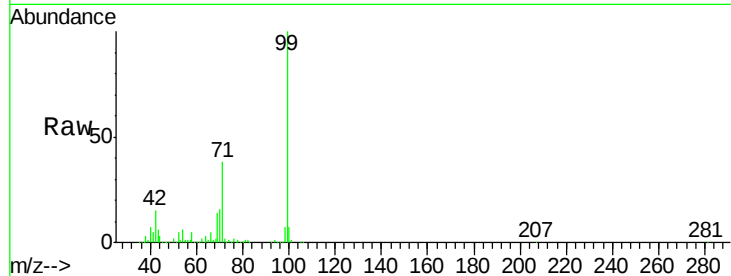
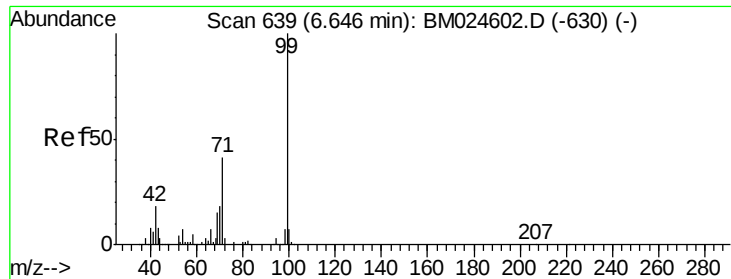
Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:	93	Resp:	469114
Ion Ratio	Lower	Upper	
93	100		
66	37.5	31.8	47.8
65	17.7	15.8	23.6





#7

Phenol-d6

Concen: 77.243 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tot Ion	99	Resp	911003
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.1	21.1
71	38.3	33.0	49.6

Instrument :

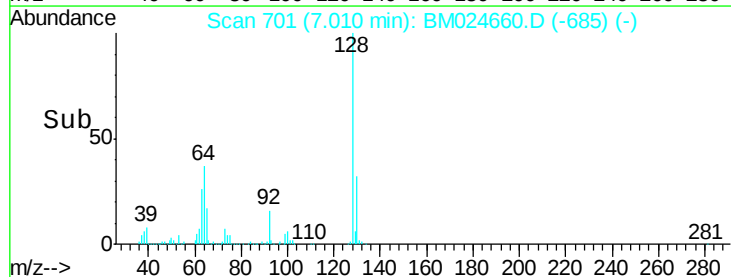
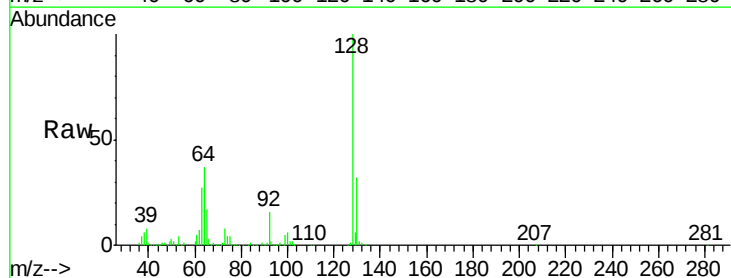
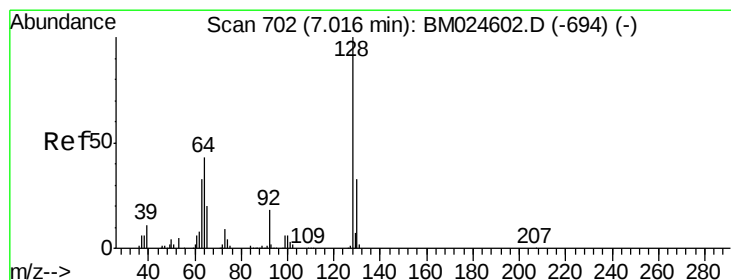
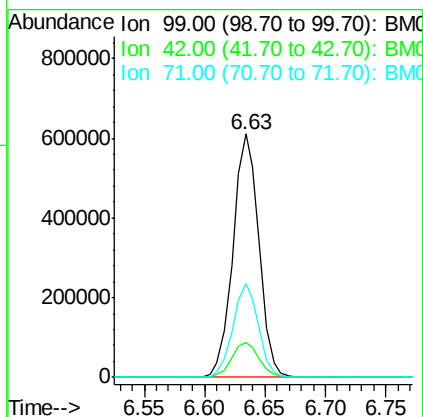
BNA_M

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#8

2-Chlorophenol

Concen: 47.926 ng

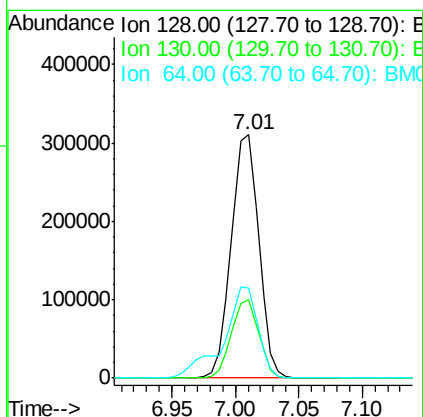
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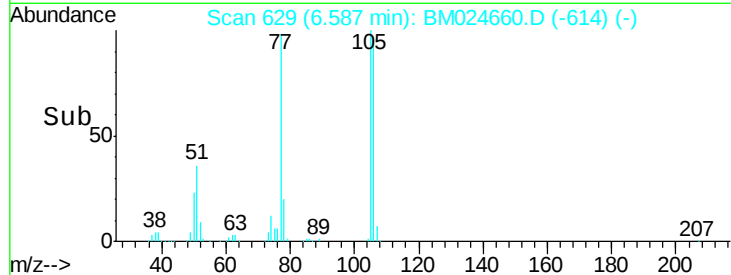
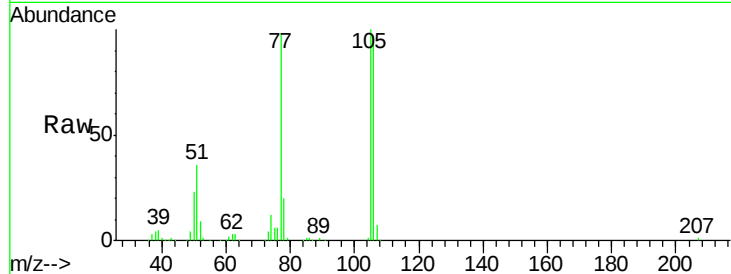
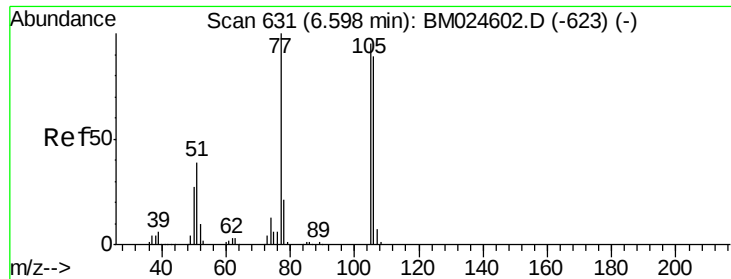
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion	128	Resp	467099
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.5	52.5
64	37.1	26.1	66.1





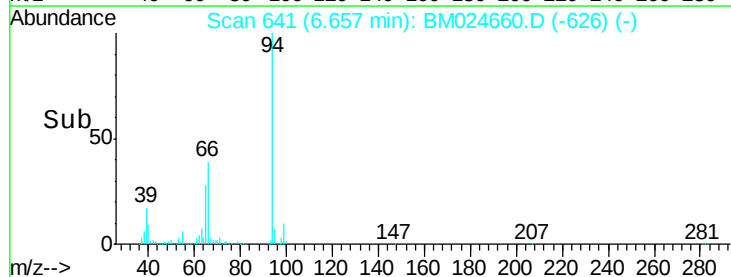
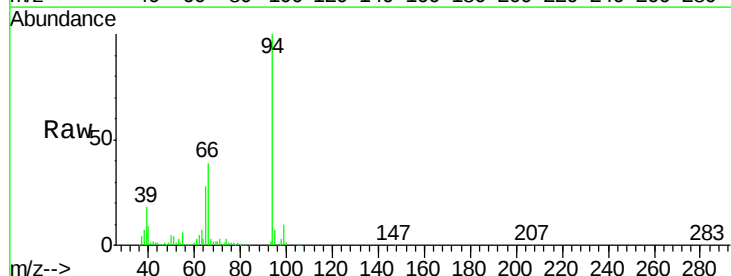
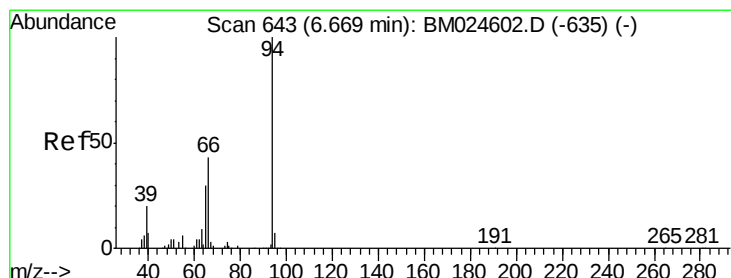
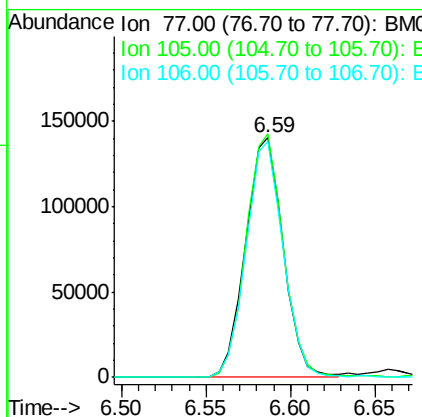
#9
Benzaldehyde
Concen: 31.318 ng
RT: 6.59 min Scan# 629
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
105	101.6	75.2	115.2	
106	98.7	68.6	108.6	

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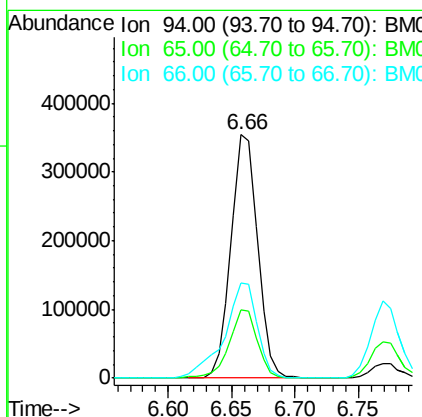
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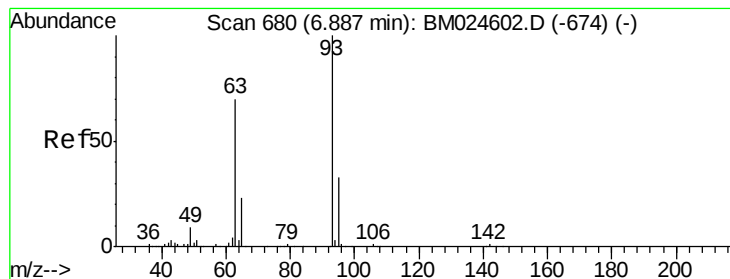
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#10
Phenol
Concen: 43.819 ng
RT: 6.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
94	100			
65	28.0	10.3	50.3	
66	39.2	24.8	64.8	





#11

bis(2-Chloroethyl)ether

Concen: 40.471 ng

RT: 6.88 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

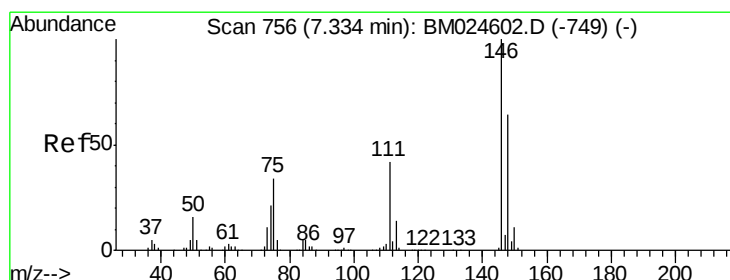
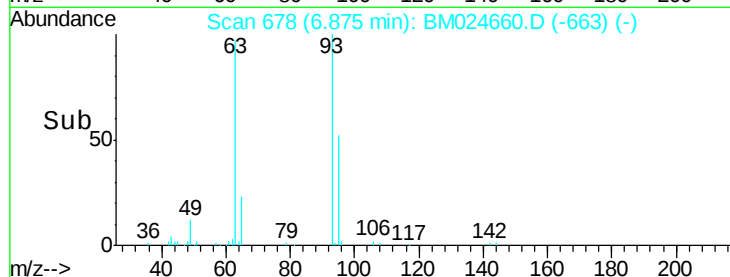
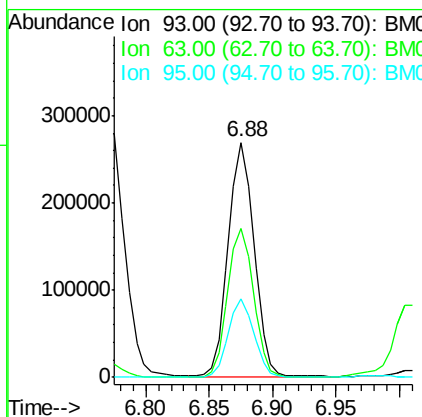
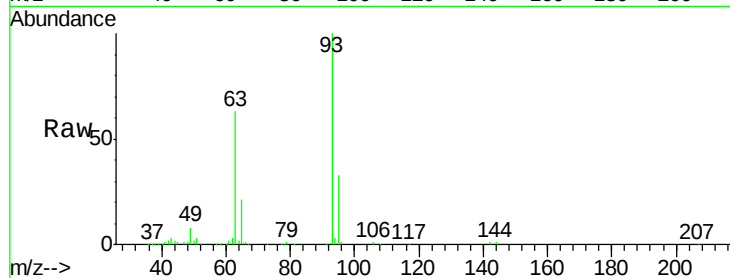
ClientSampleId :

PB126393BSD

Tot Ion:	93	Resp:	380903
Ion Ratio	Lower	Upper	
93	100		
63	63.4	49.6	89.6
95	33.2	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 46.157 ng

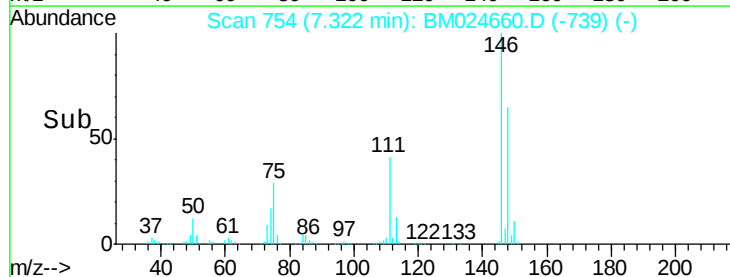
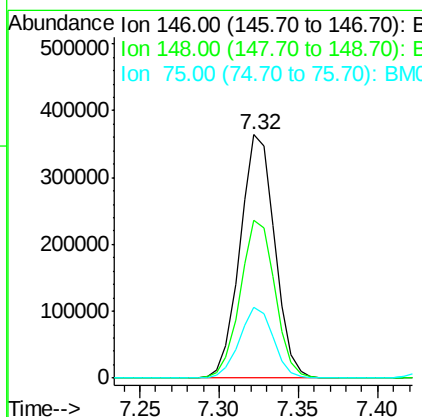
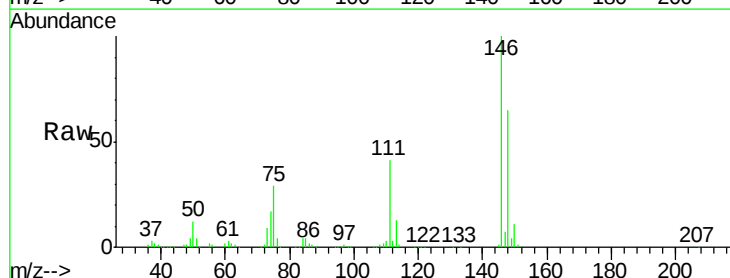
RT: 7.32 min Scan# 754

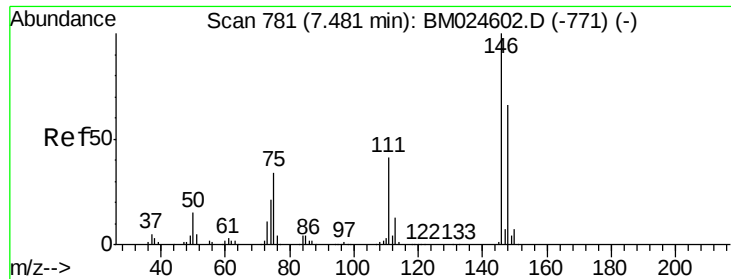
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:	146	Resp:	552654
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.6
75	29.0	27.0	40.4





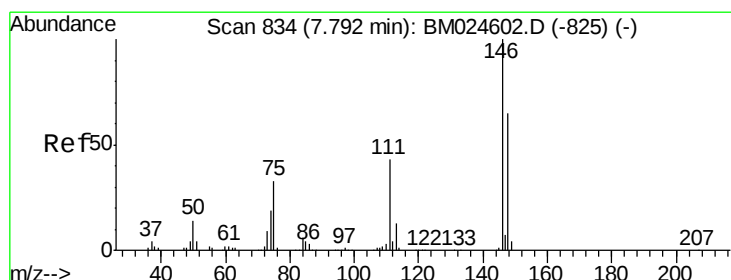
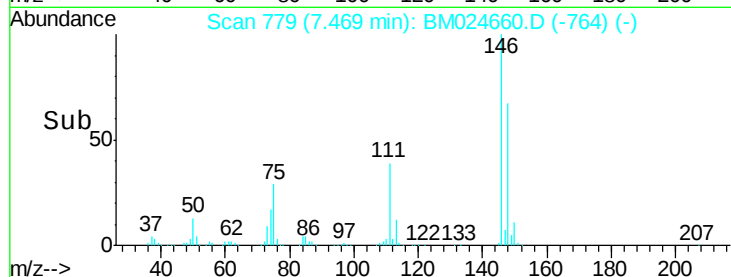
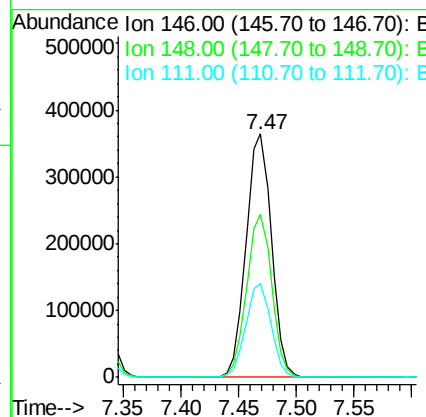
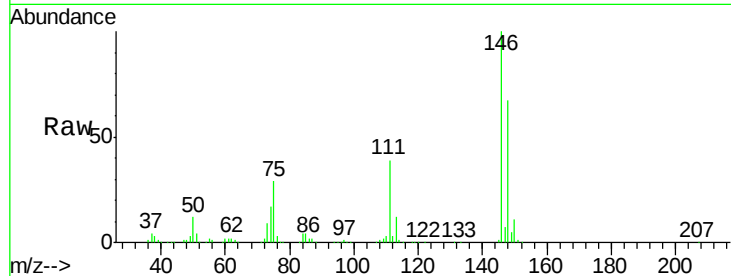
#13
1,4-Dichlorobenzene
Concen: 45.886 ng
RT: 7.47 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.5	78.7
111	38.8	33.0	49.4

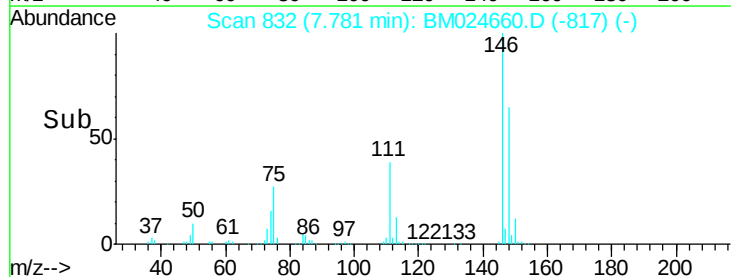
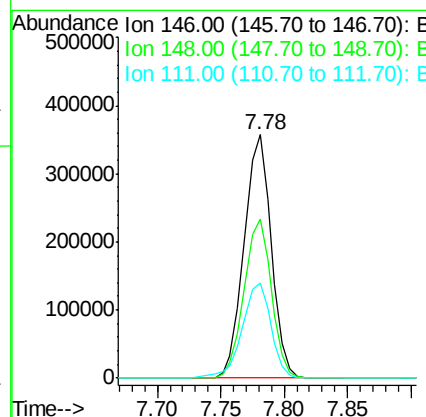
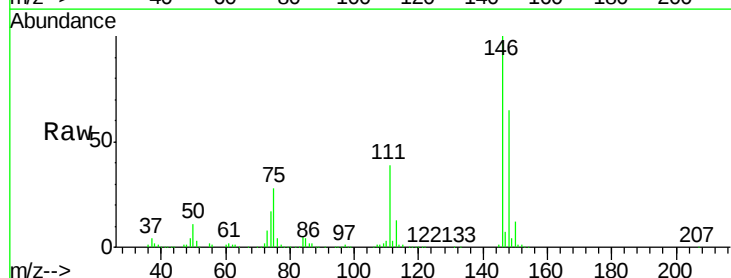
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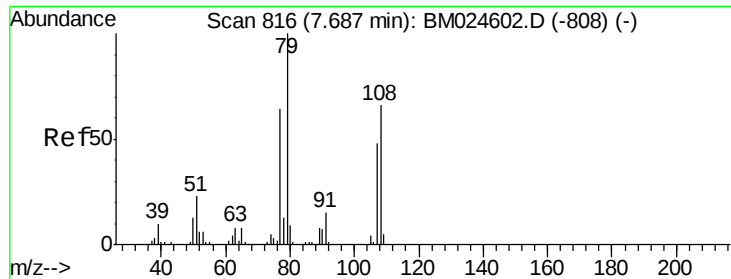
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.237 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	39.1	34.5	51.7





#15

Benzyl Alcohol

Concen: 38.058 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

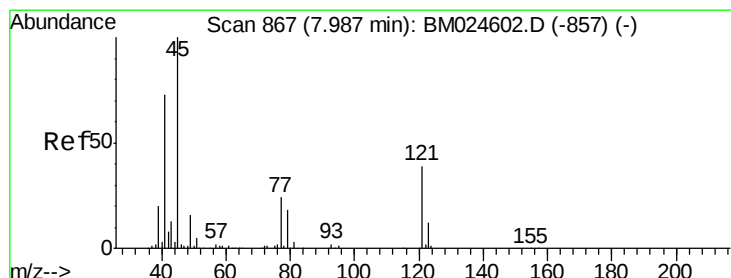
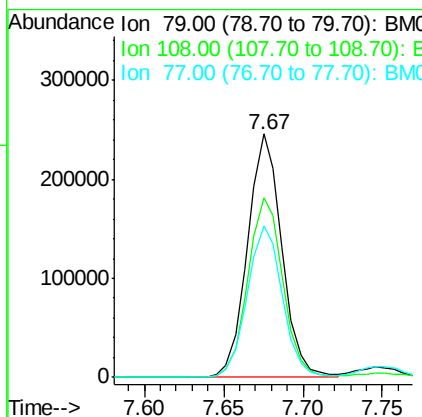
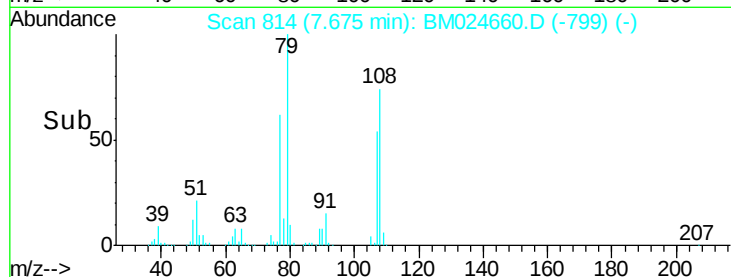
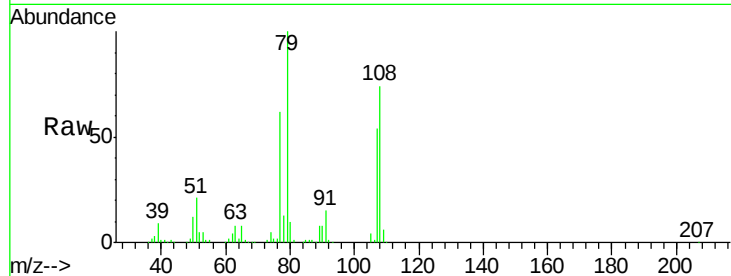
ClientSampleId :

PB126393BSD

Tot Ion:	79	Resp:	370078
Ion	Ratio	Lower	Upper
79	100		
108	74.0	53.0	79.4
77	62.4	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.391 ng

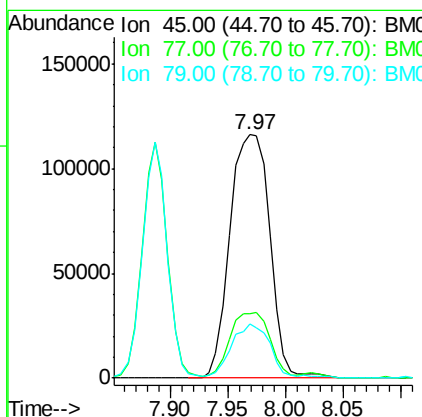
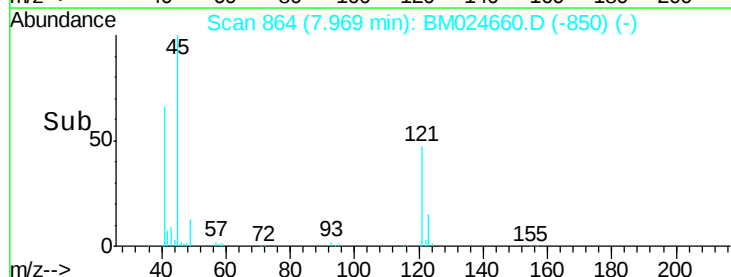
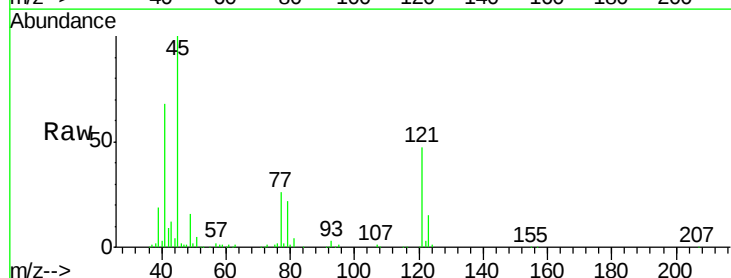
RT: 7.97 min Scan# 864

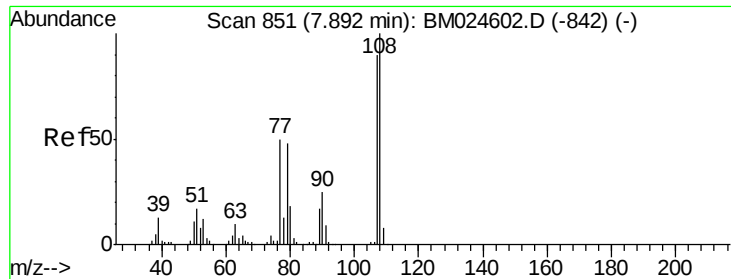
Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:	45	Resp:	279077
Ion	Ratio	Lower	Upper
45	100		
77	26.4	5.2	45.2
79	22.1	0.0	39.4





#17

2-Methylphenol

Concen: 42.322 ng

RT: 7.89 min Scan# 850

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

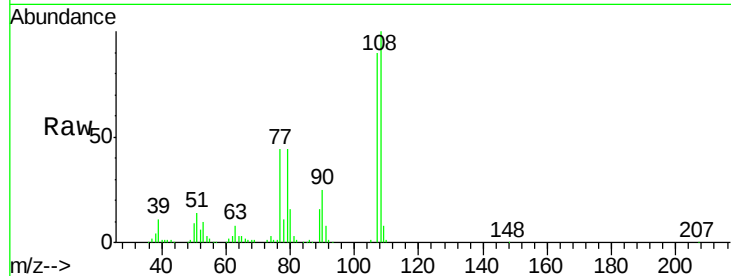
ClientSampleId :

PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	88.9	133.3	
77	48.7	44.5	66.7	
79	48.6	42.9	64.3	

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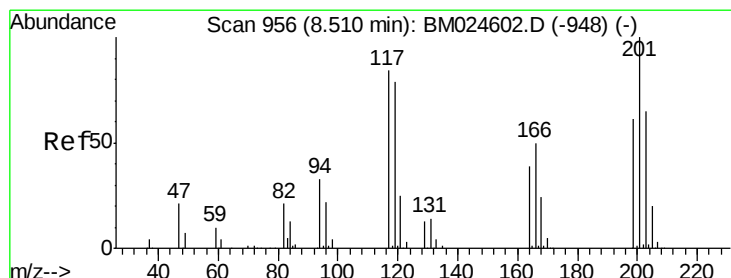
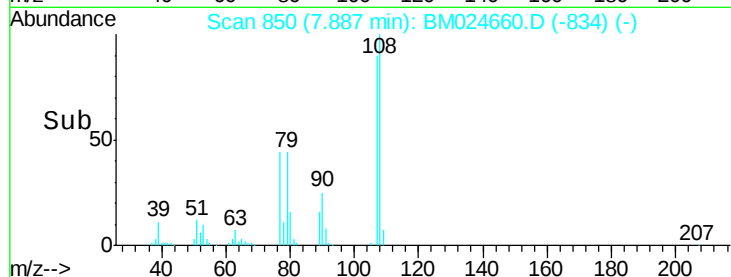
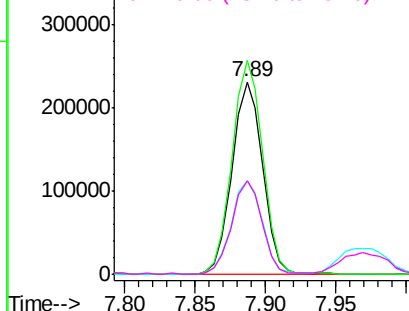


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 41.069 ng

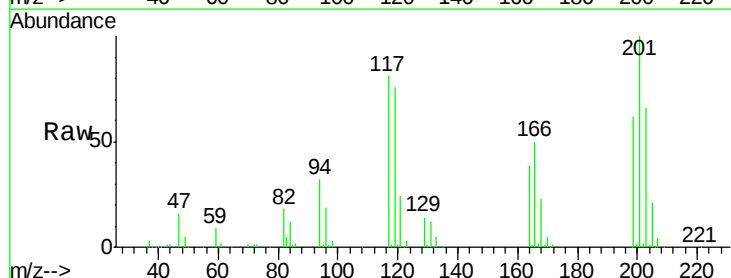
RT: 8.49 min Scan# 953

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

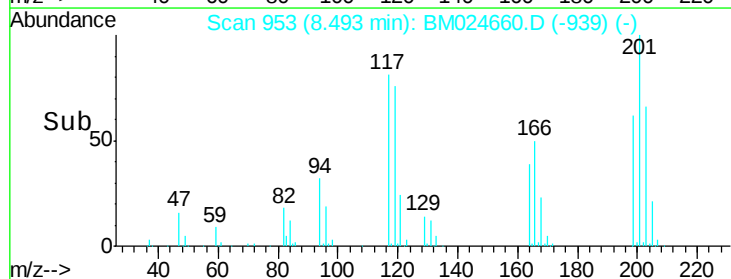
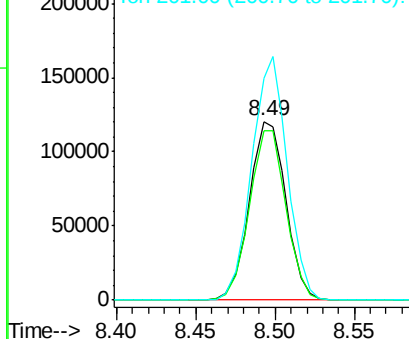
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	75.4	113.2	
201	124.1	95.8	143.6	

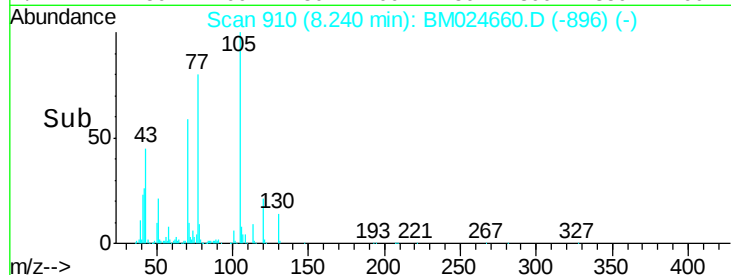
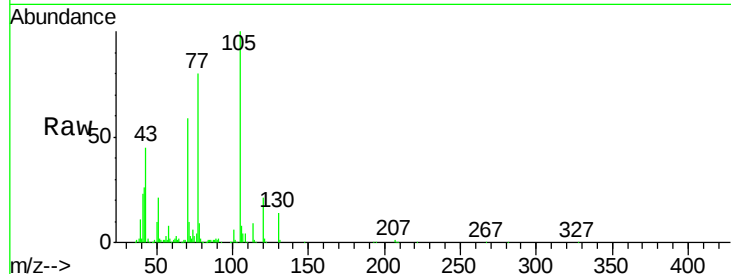
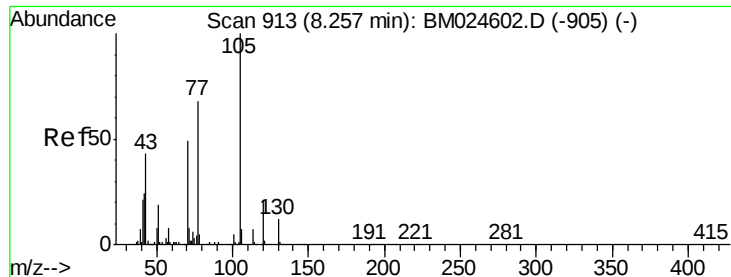


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





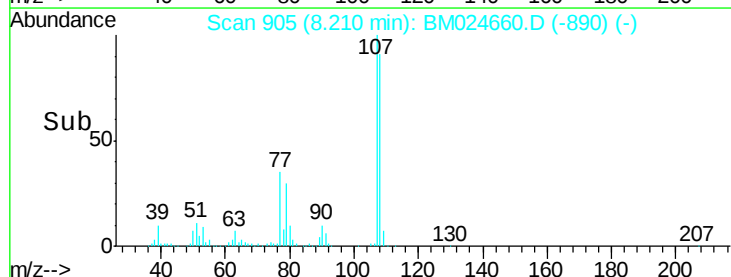
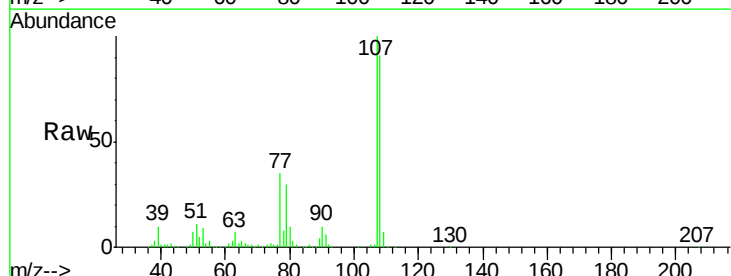
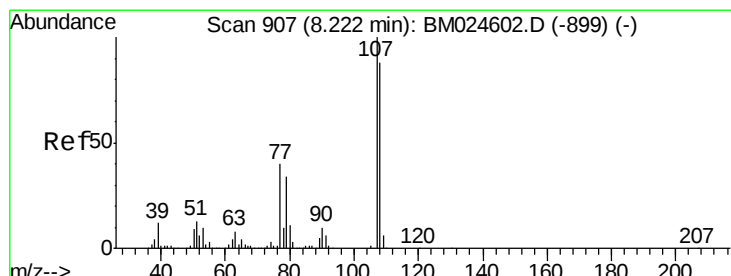
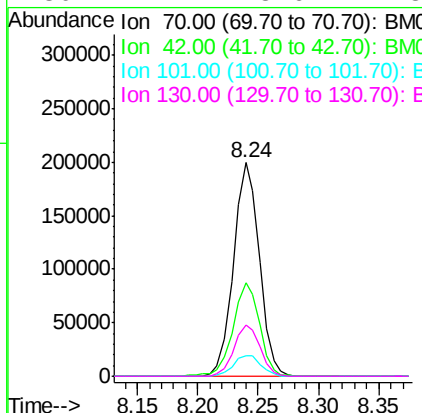
#19
n-Nitroso-di-n-propylamine
Concen: 33.569 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		297260		
42	43.7		40.0	60.0	
101	9.9		8.2	12.2	
130	24.2		18.6	27.8	

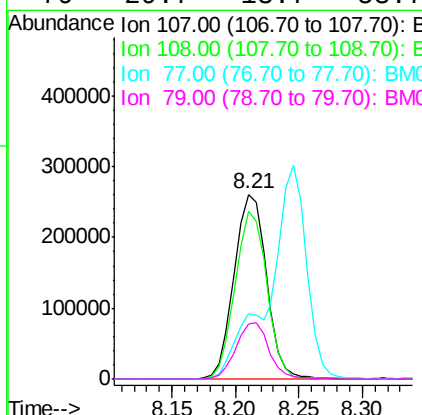
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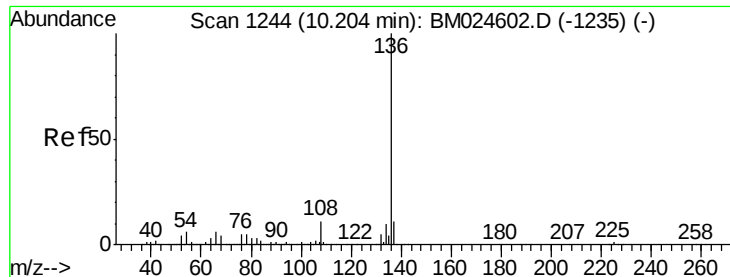
mohammad
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#20
3+4-Methylphenols
Concen: 40.475 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		464176		
108	90.8		68.0	108.0	
77	35.4		19.9	59.9	
79	29.7		13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

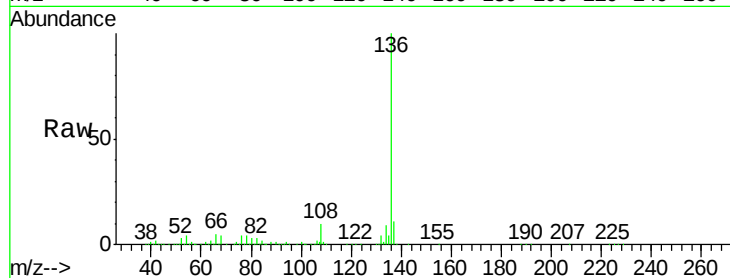
ClientSampleId :

PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.6	13.0	
54	4.4	4.5	6.7#	
68	4.3	3.4	5.0	

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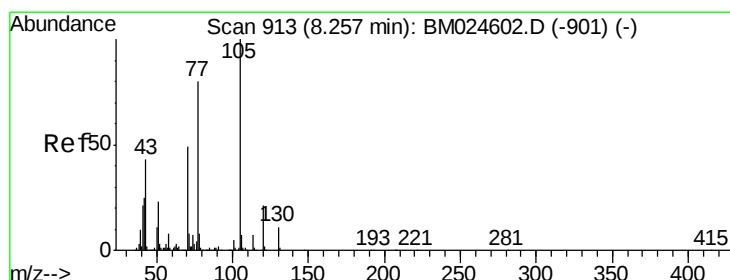
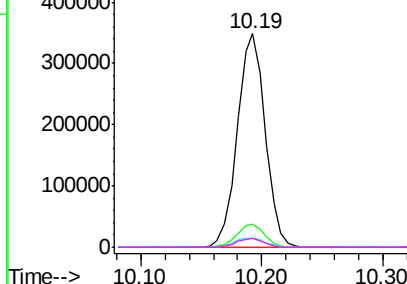
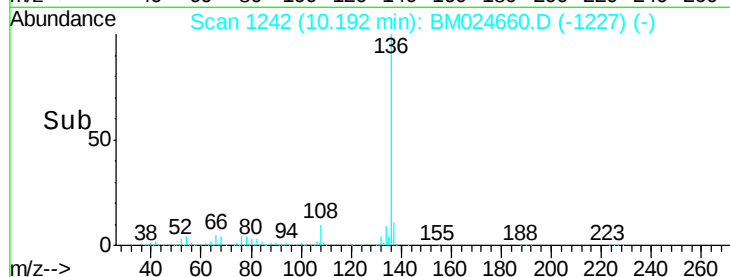
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.485 ng

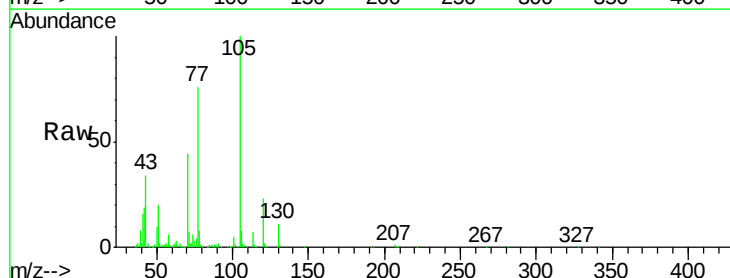
RT: 8.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	6.7	10.1	
51	20.0	18.5	27.7	
120	23.0	16.6	25.0	



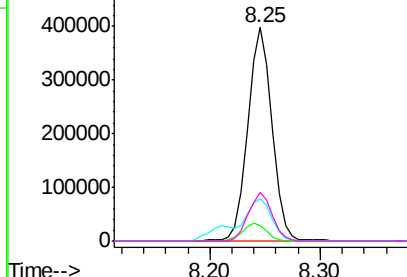
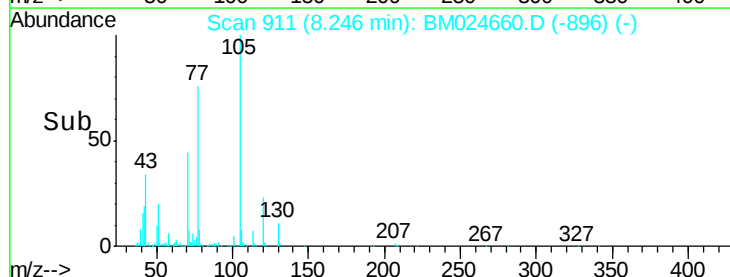
Abundance

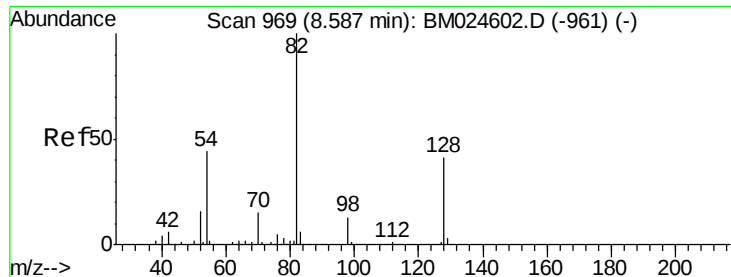
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





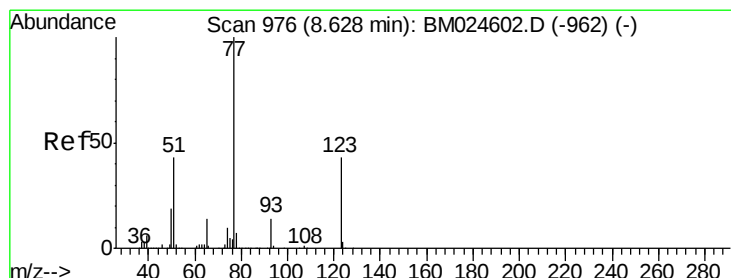
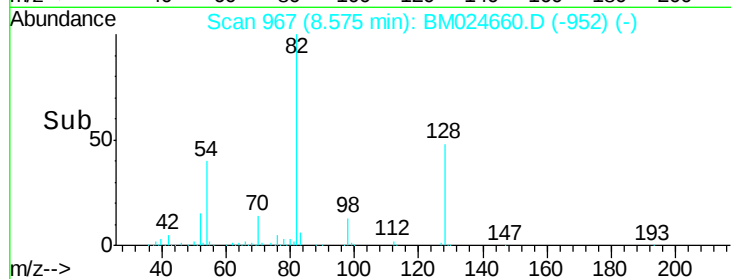
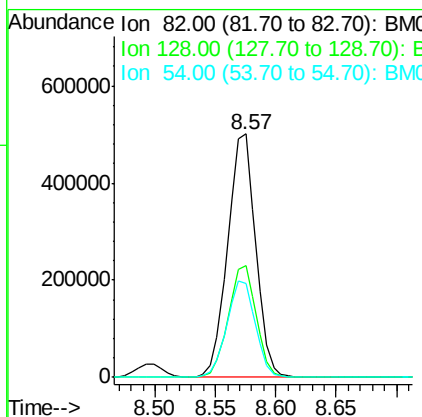
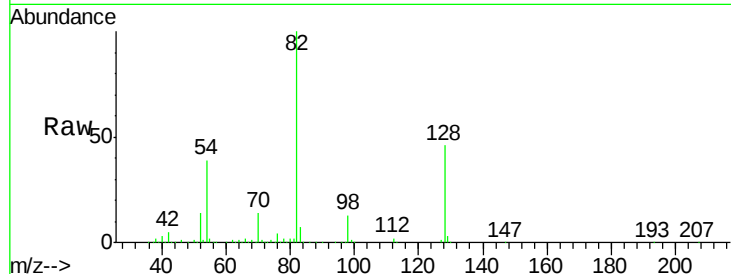
#23
 Nitrobenzene-d5
 Concen: 71.127 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	82	Resp	811967
Ion Ratio	100	Lower	Upper
128	46.0	32.6	48.8
54	38.7	34.8	52.2

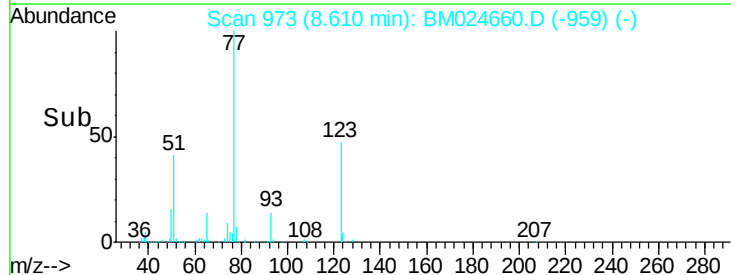
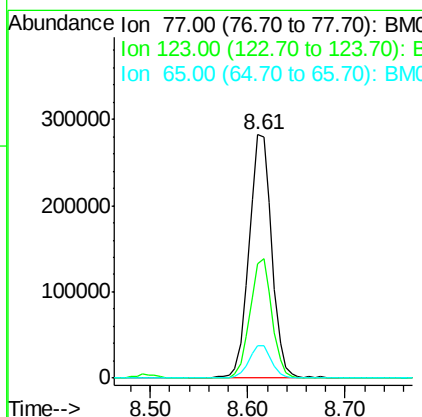
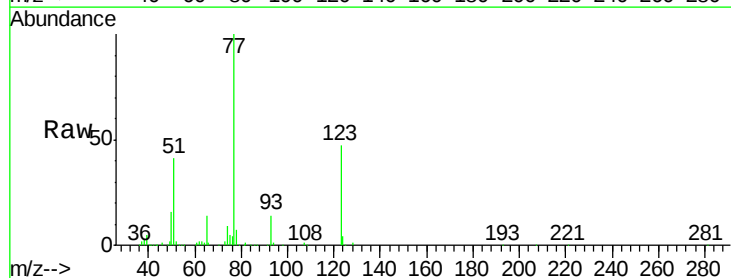
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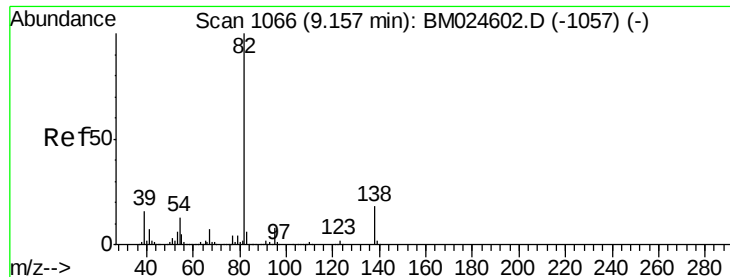
mohammad
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#24
 Nitrobenzene
 Concen: 42.389 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	77	Resp	463725
Ion Ratio	100	Lower	Upper
123	47.1	34.6	52.0
65	13.5	11.0	16.4





#25

Isophorone

Concen: 40.305 ng

RT: 9.15 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

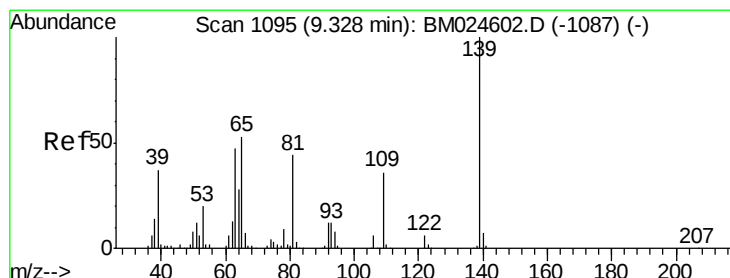
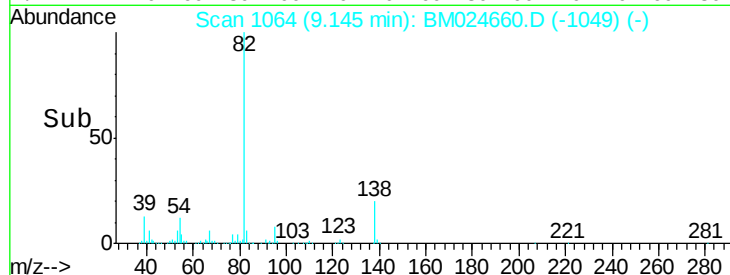
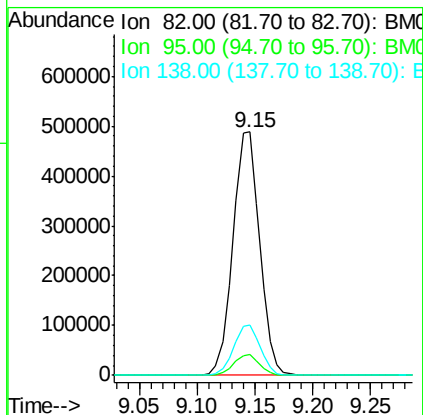
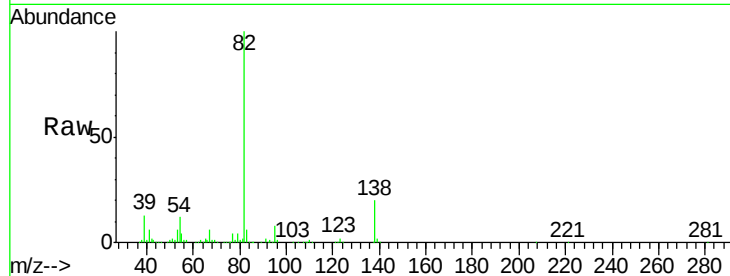
ClientSampleId :

PB126393BSD

Tot Ion:	82	Resp:	781801
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.7	10.1
138	20.4	14.7	22.1

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#26

2-Nitrophenol

Concen: 50.432 ng

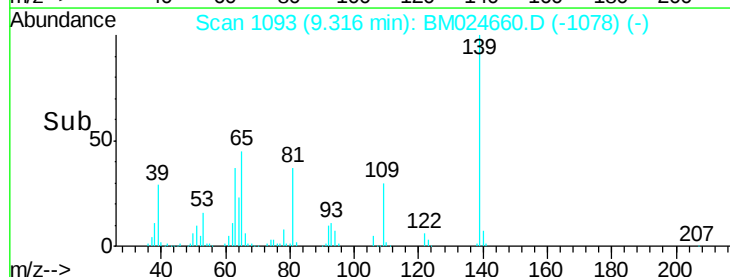
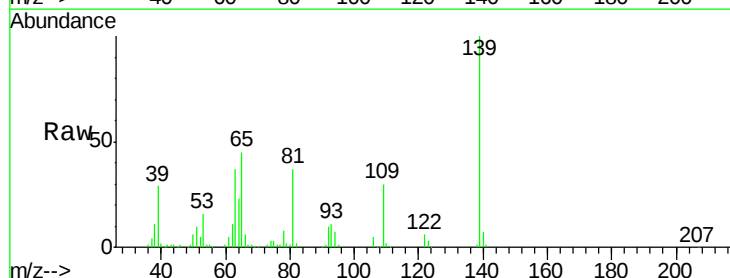
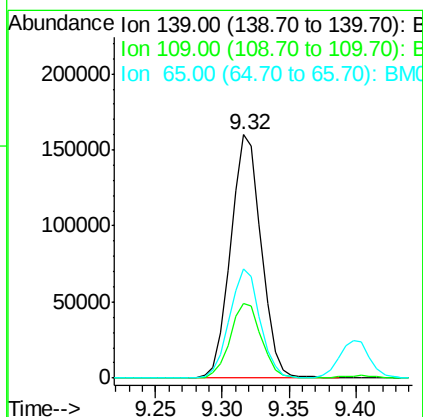
RT: 9.32 min Scan# 1093

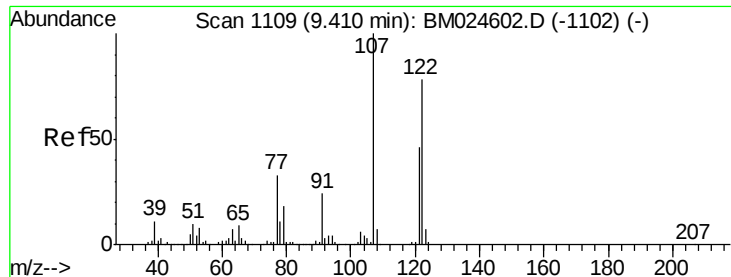
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:	139	Resp:	255469
Ion Ratio	Lower	Upper	
139	100		
109	30.4	28.8	43.2
65	44.7	42.6	63.8





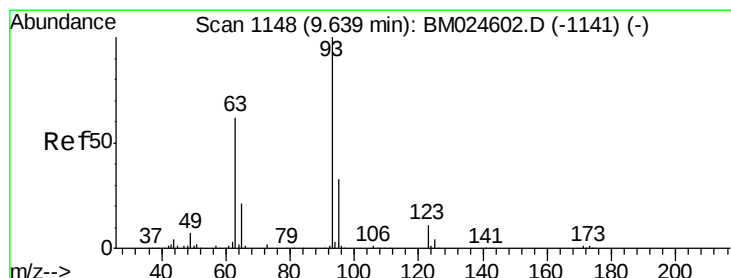
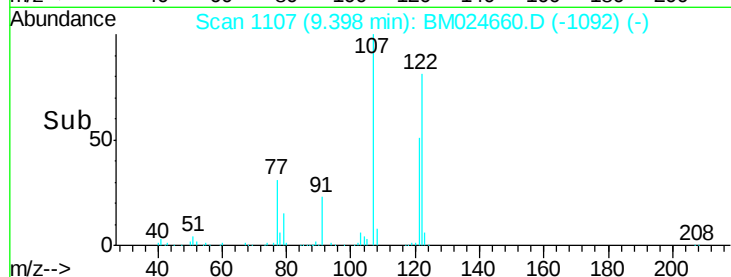
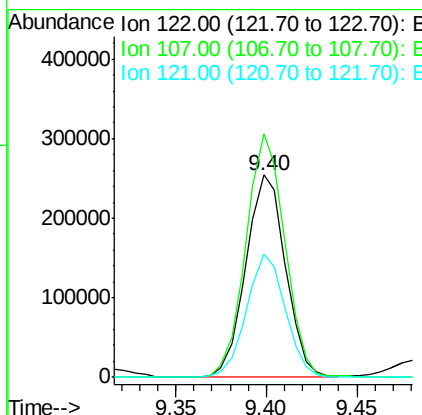
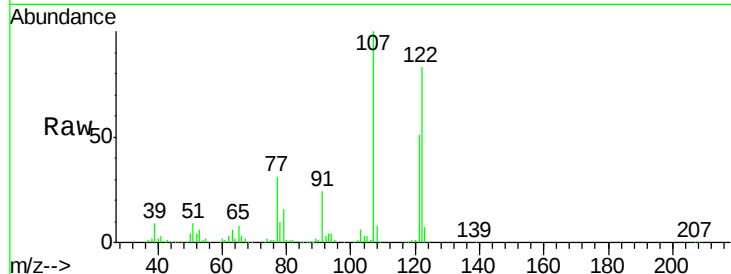
#27
2,4-Dimethylphenol
Concen: 56.192 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	102.5	153.7
121	61.2	47.0	70.4

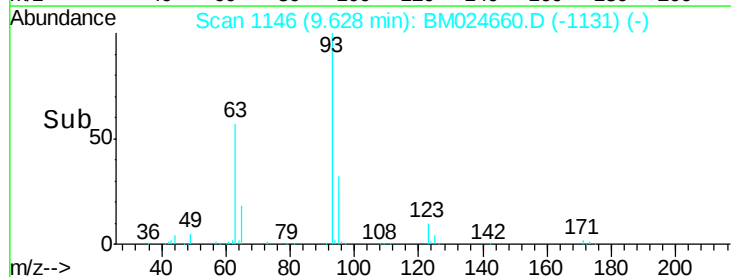
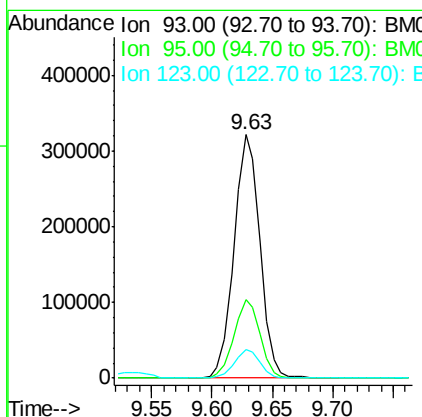
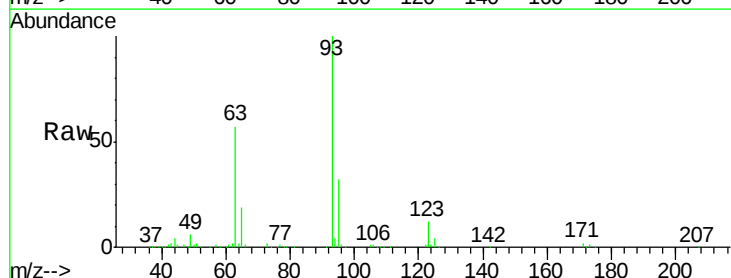
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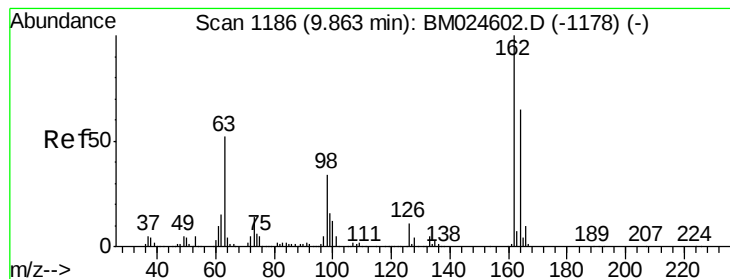
mohammad
2/3/2020 7:55:29 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.528 ng
RT: 9.63 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	11.9	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 49.714 ng

RT: 9.85 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

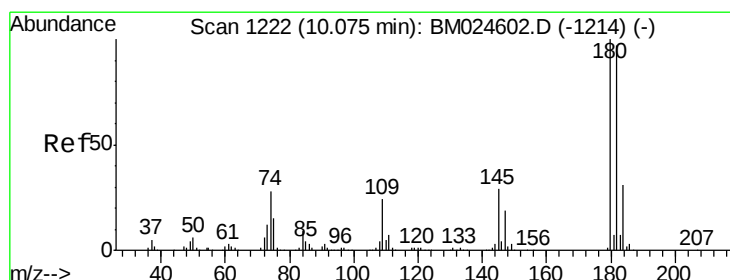
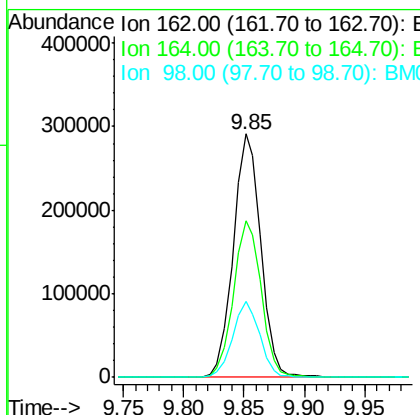
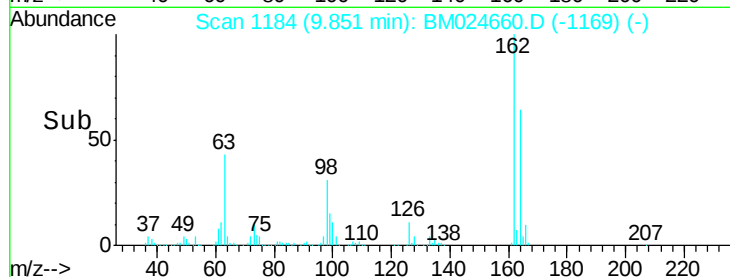
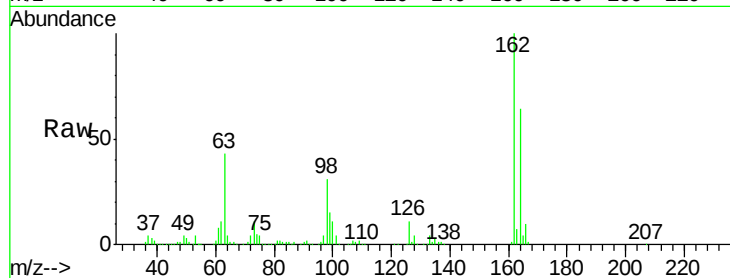
ClientSampleId :

PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	462343		
164	64.3		44.5	84.5
98	31.1		14.2	54.2

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#30

1,2,4-Trichlorobenzene

Concen: 48.922 ng

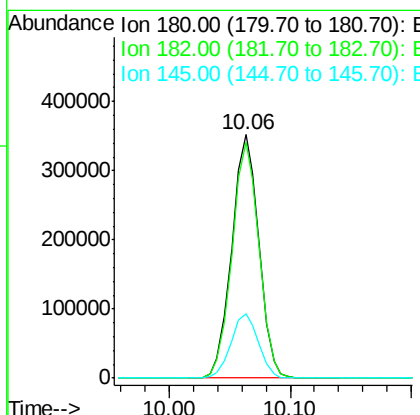
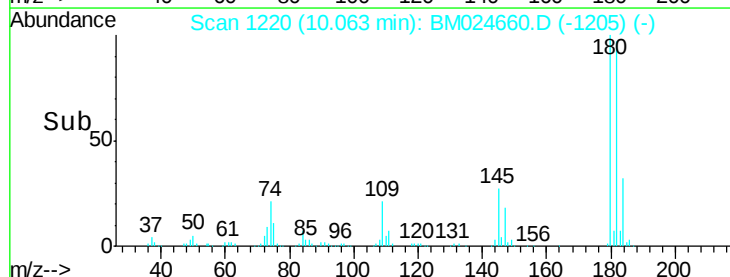
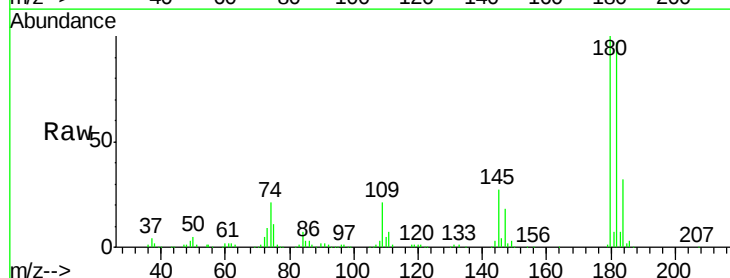
RT: 10.06 min Scan# 1220

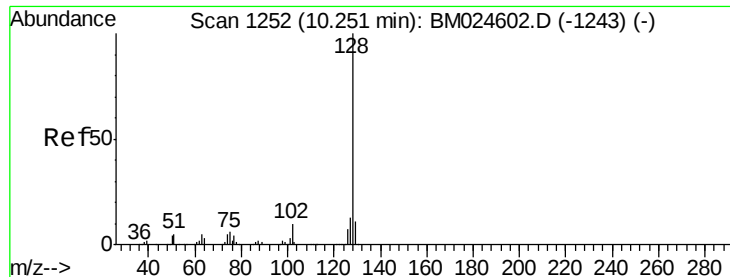
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	548725		
182	96.7		77.8	116.6
145	26.6		22.9	34.3





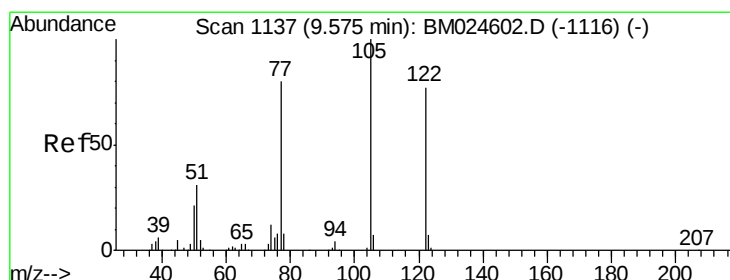
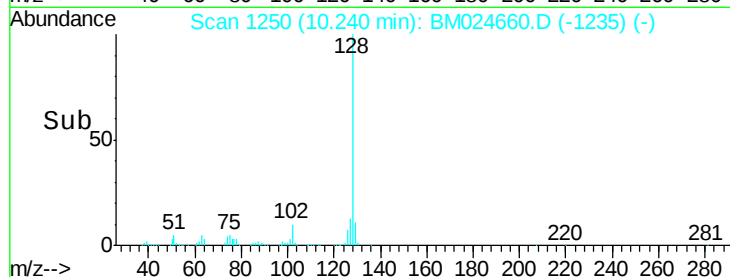
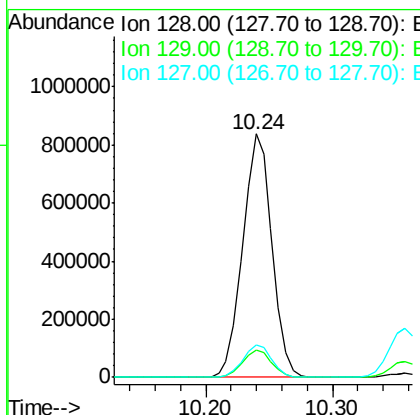
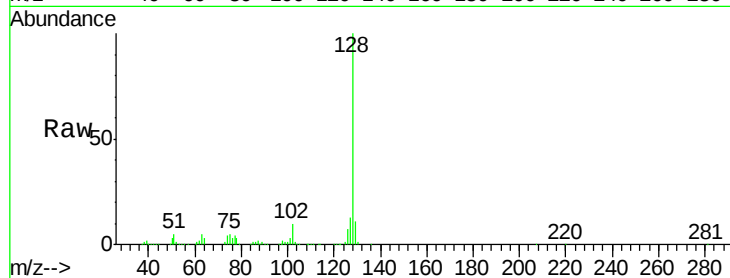
#31
Naphthalene
Concen: 47.208 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.6	15.8

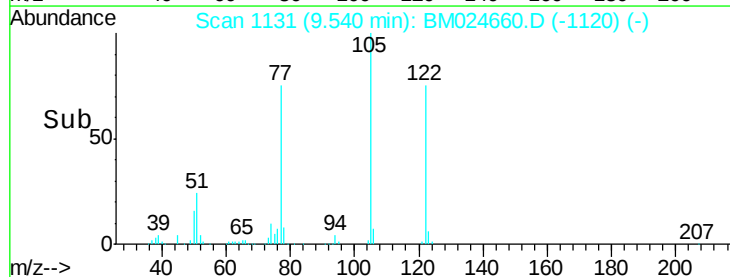
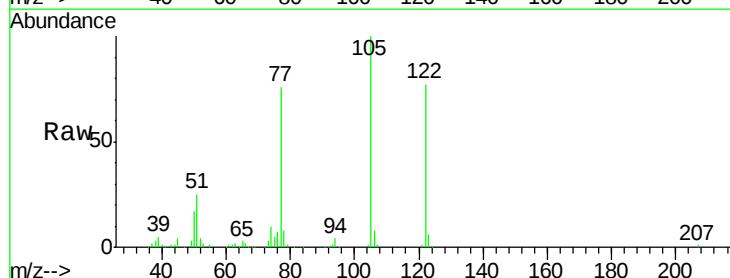
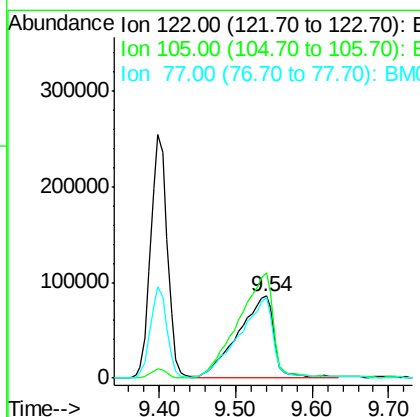
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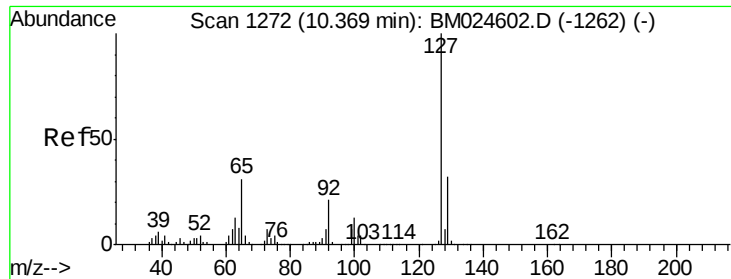
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#32
Benzoic acid
Concen: 44.695 ng m
RT: 9.54 min Scan# 1131
Delta R.T. -0.04 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	107.7	147.7
77	98.6	83.8	123.8





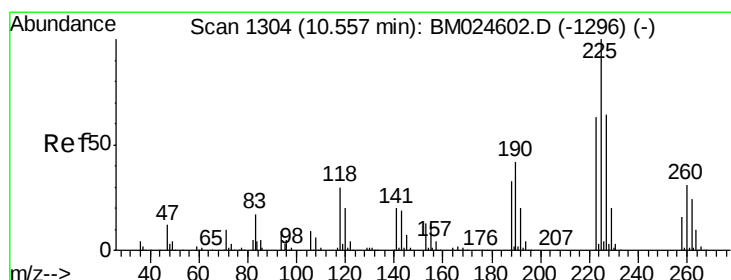
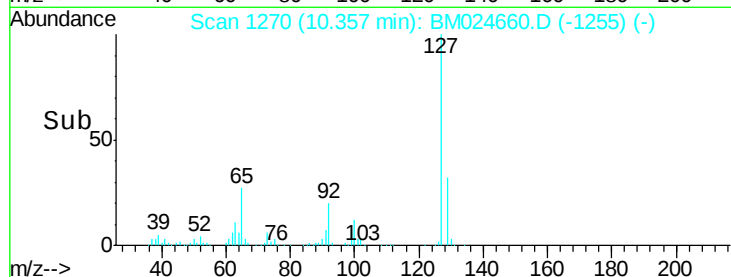
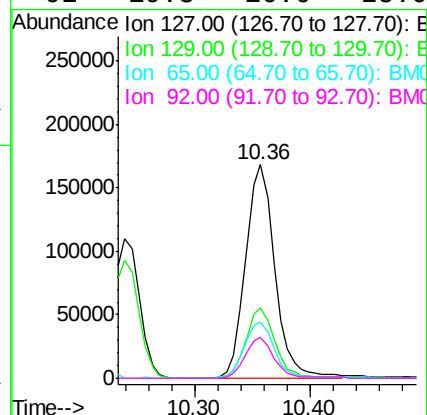
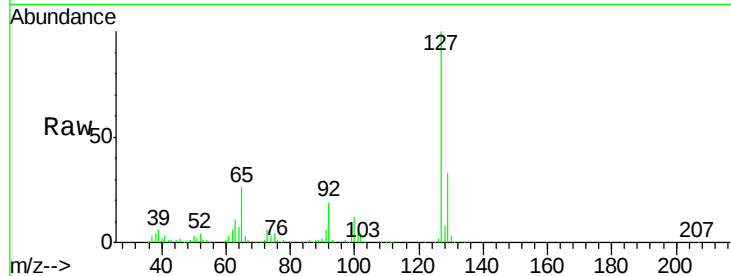
#33
4-Chloroaniline
Concen: 24.050 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	298085		
129	32.9		25.9	38.9
65	26.2		25.1	37.7
92	19.3		16.6	25.0

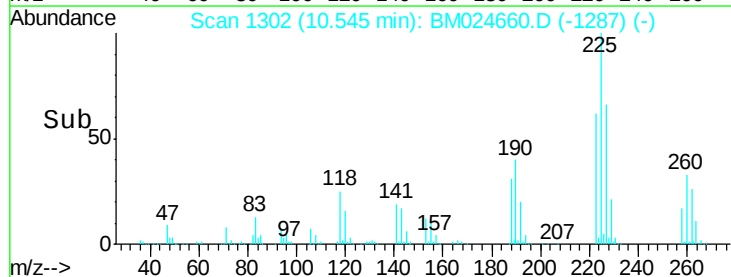
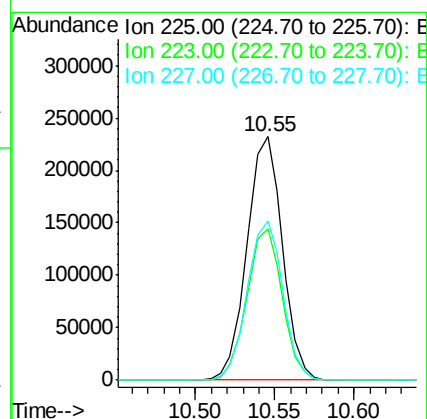
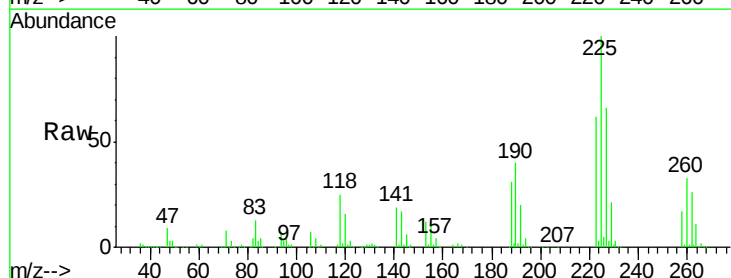
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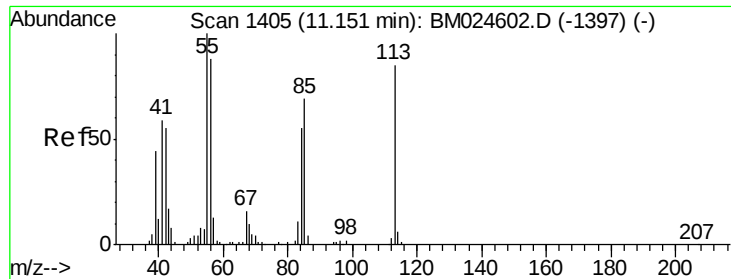
mohammad
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#34
Hexachlorobutadiene
Concen: 46.465 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	360271		
223	62.3		50.7	76.1
227	65.5		51.4	77.0





#35

Caprolactam

Concen: 44.145 ng/mL

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

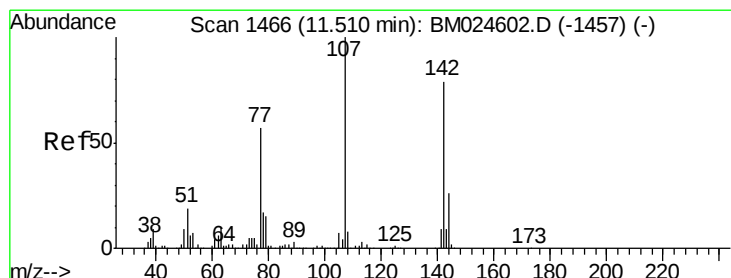
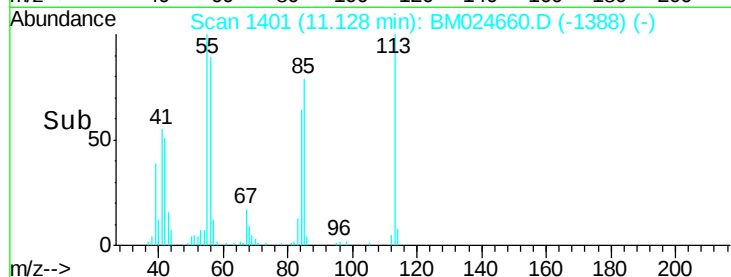
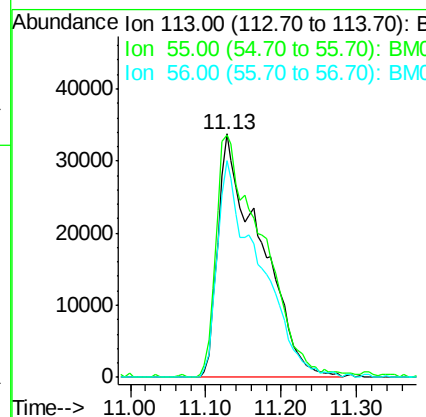
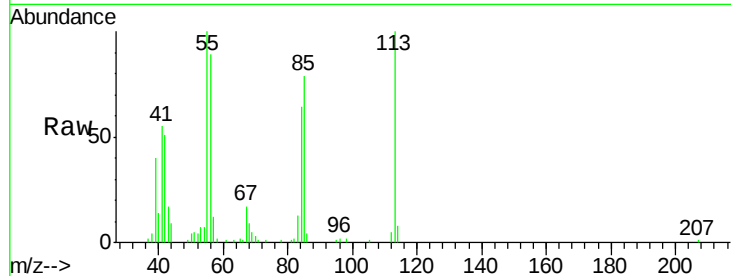
ClientSampleId :

PB126393BSD

Tot Ion:	113	Resp:	131717
Ion Ratio	Lower	Upper	
113	100		
55	99.5	97.5	137.5
56	89.0	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 42.627 ng/mL

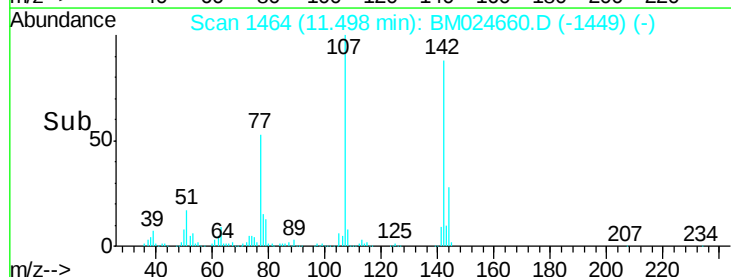
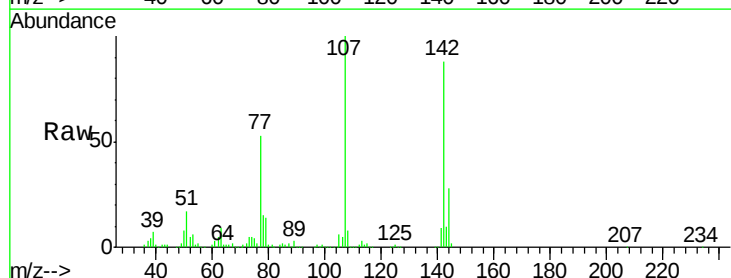
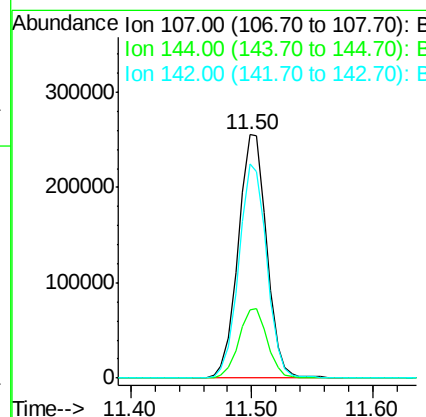
RT: 11.50 min Scan# 1464

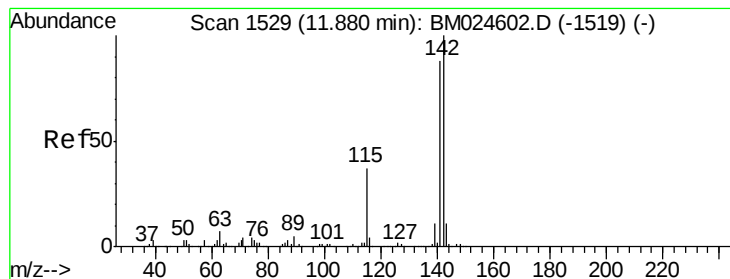
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:	107	Resp:	421539
Ion Ratio	Lower	Upper	
107	100		
144	27.8	20.5	30.7
142	88.2	62.8	94.2





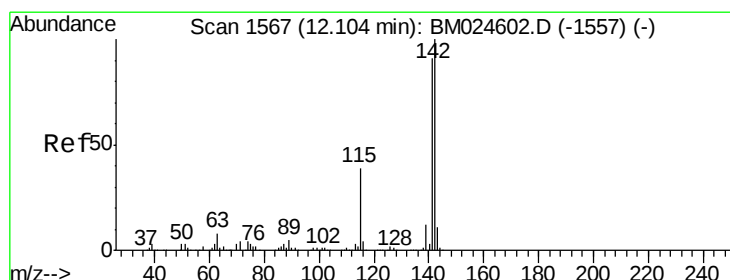
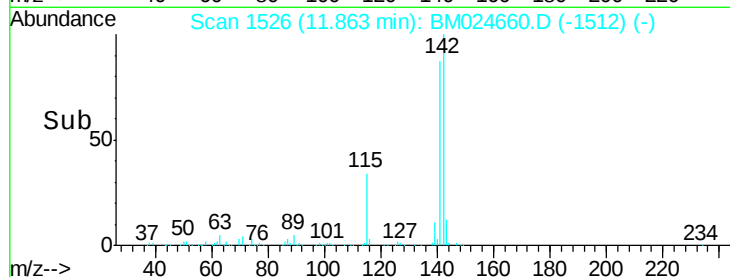
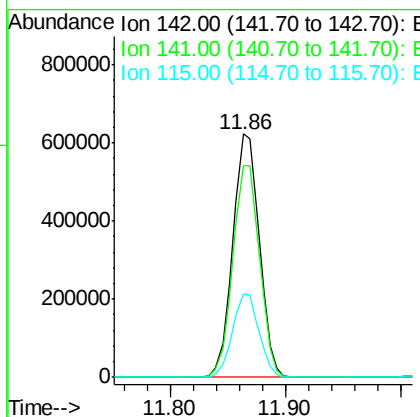
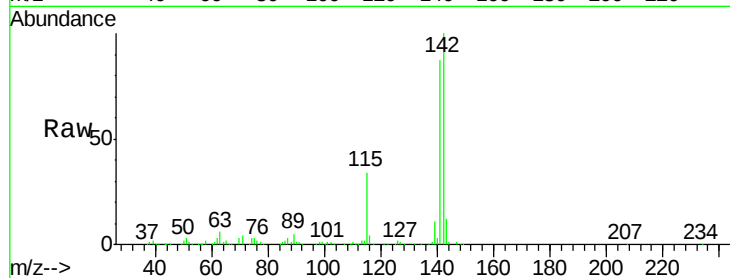
#37
2-Methylnaphthalene
Concen: 45.569 ng
RT: 11.86 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.2	105.2
115	34.2	29.7	44.5

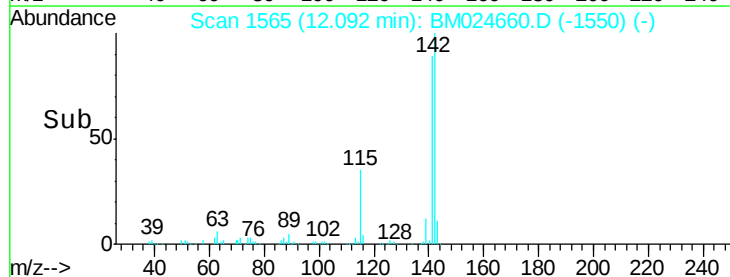
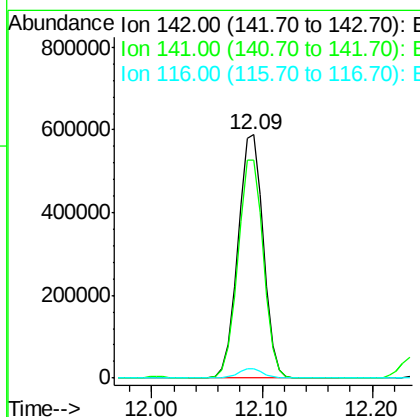
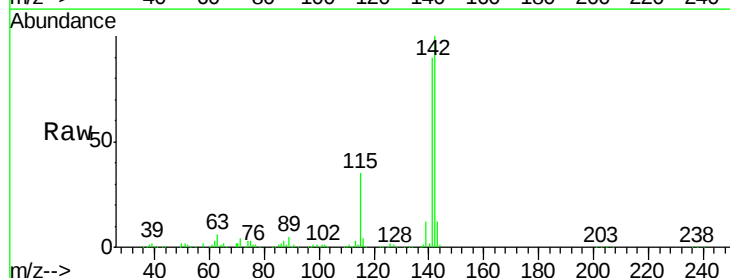
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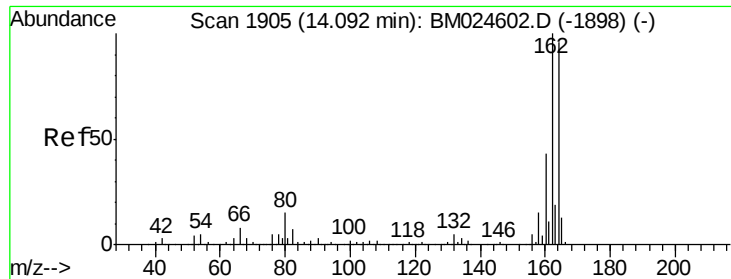
mohammad
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#38
1-Methylnaphthalene
Concen: 45.648 ng
RT: 12.09 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.8	109.2
116	3.6	3.2	4.8





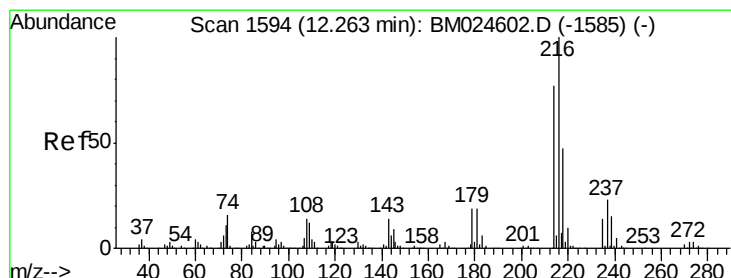
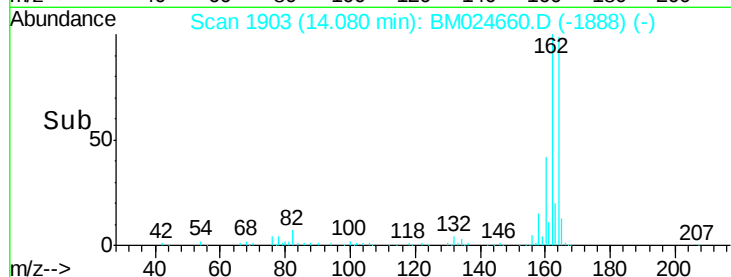
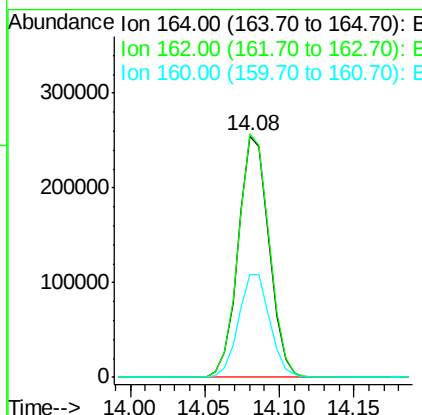
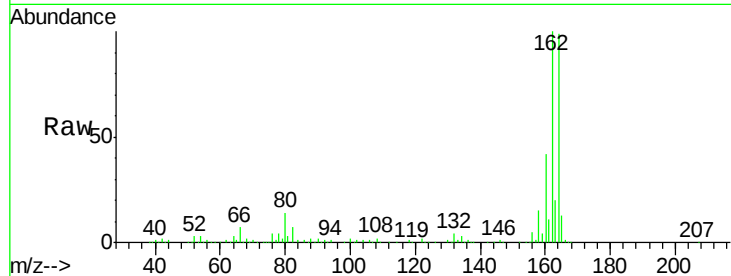
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.9	124.3
160	42.6	35.5	53.3

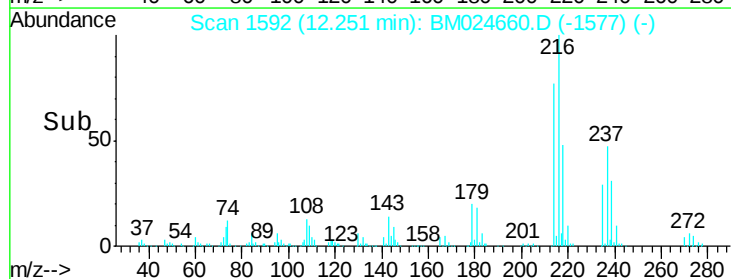
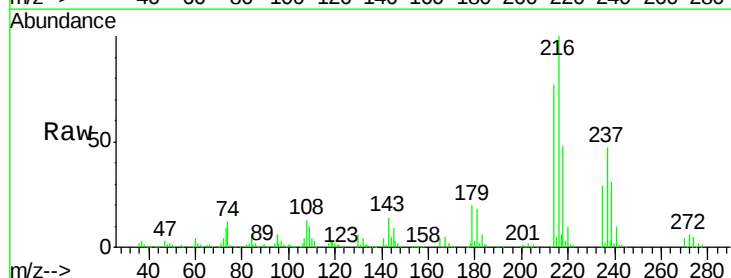
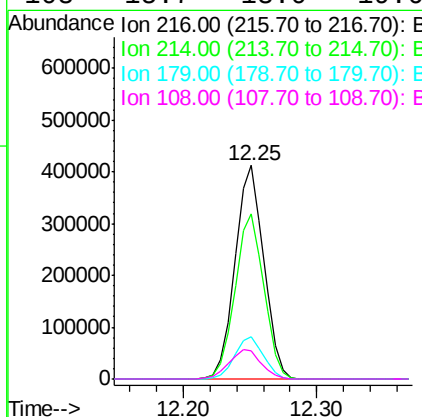
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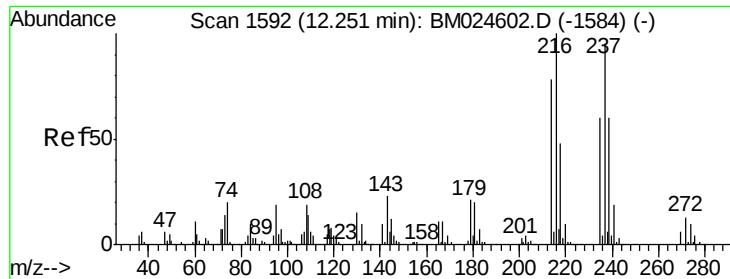
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.390 ng
RT: 12.25 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.3	93.5
179	19.8	16.1	24.1
108	15.7	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 111.017 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

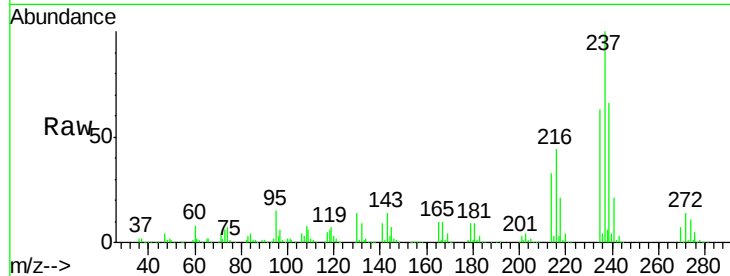
ClientSampleId :

PB126393BSD

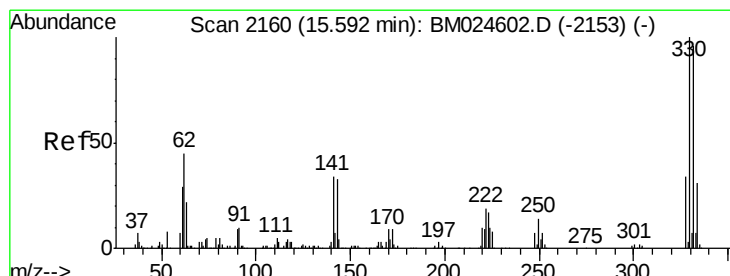
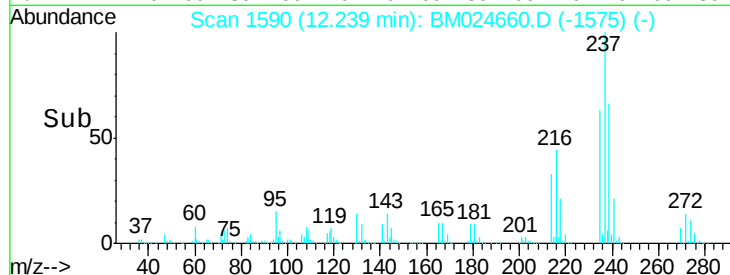
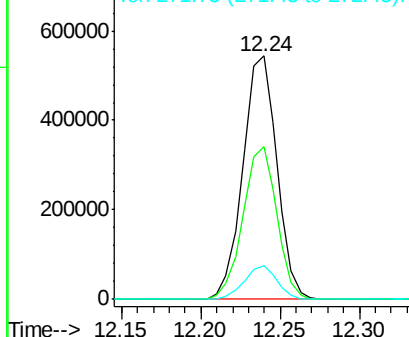
Tot Ion:	237	Resp:	808218
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	13.9	0.0	33.4

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



#42

2,4,6-Tribromophenol

Concen: 87.354 ng

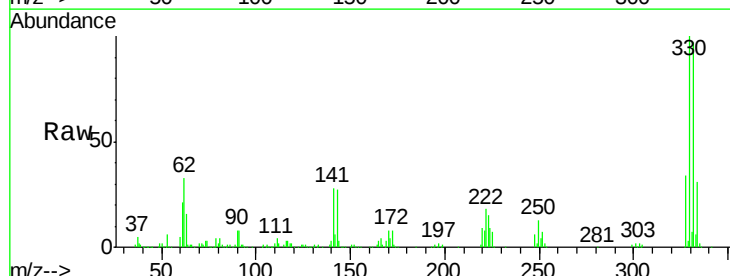
RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

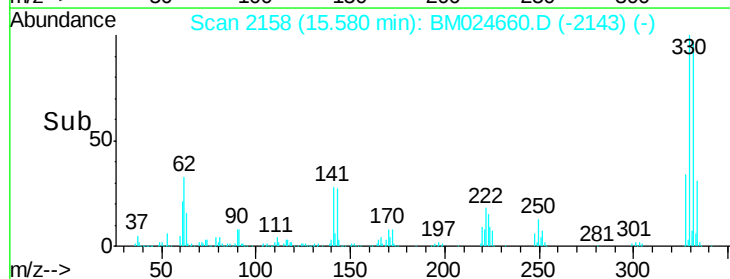
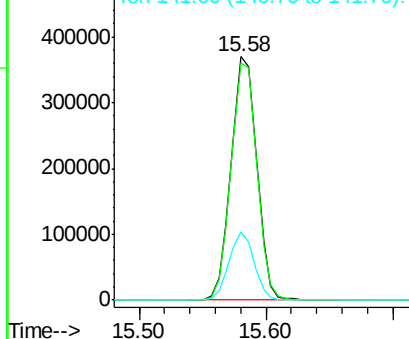
Lab File: BM024660.D

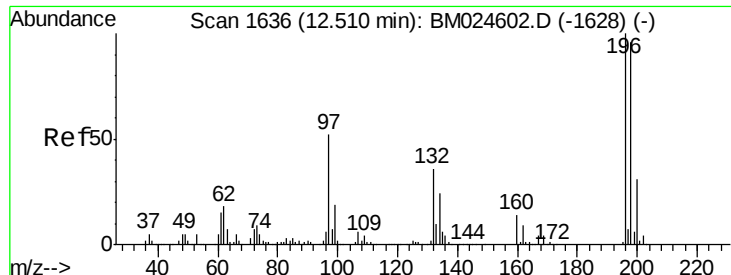
Acq: 30 Jan 2020 16:10

Tgt Ion:	330	Resp:	517106
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.2	115.8
141	27.4	26.9	40.3



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





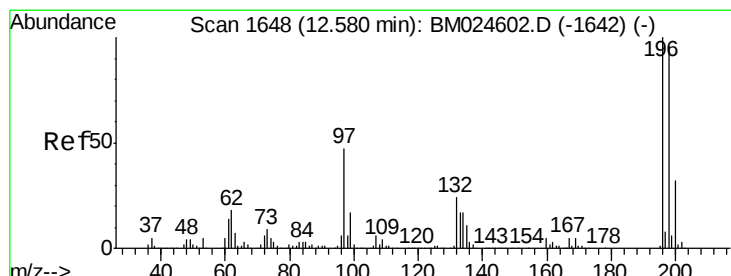
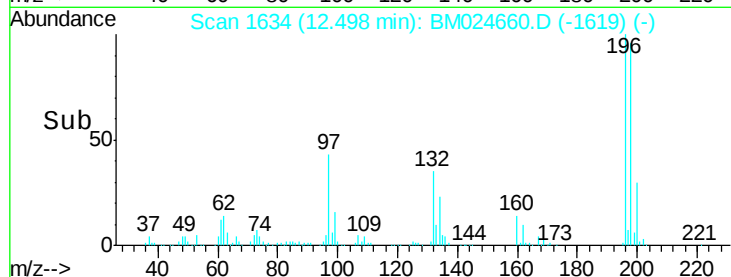
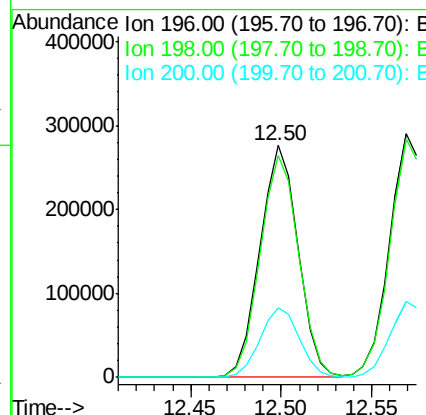
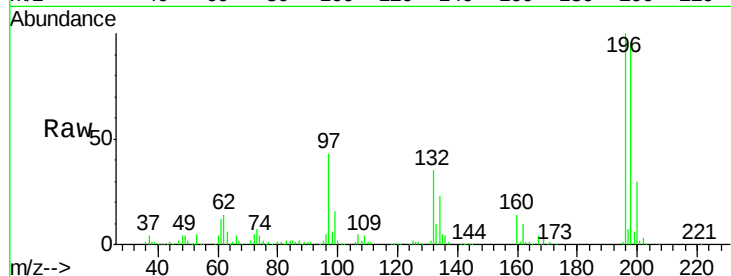
#43
 2,4,6-Trichlorophenol
 Concen: 49.029 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	405234		
198	95.8	76.5	114.7	
200	29.8	25.0	37.6	

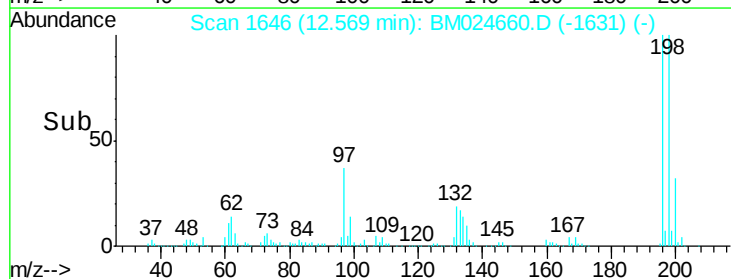
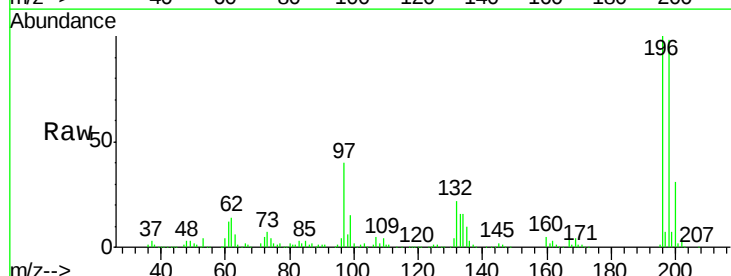
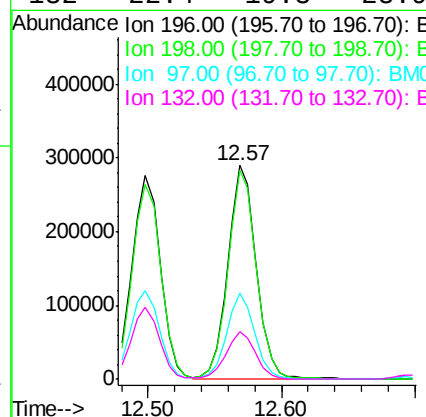
Manual Integrations
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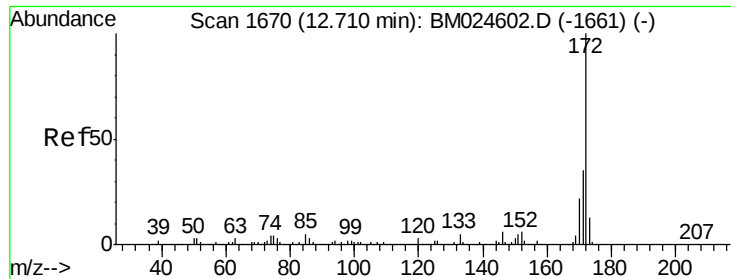
mohammad
 2/3/2020 7:55:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.530 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	426520		
198	97.8	77.2	115.8	
97	39.9	37.4	56.0	
132	22.4	19.3	28.9	





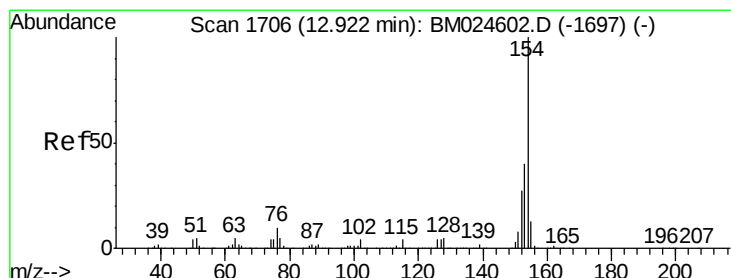
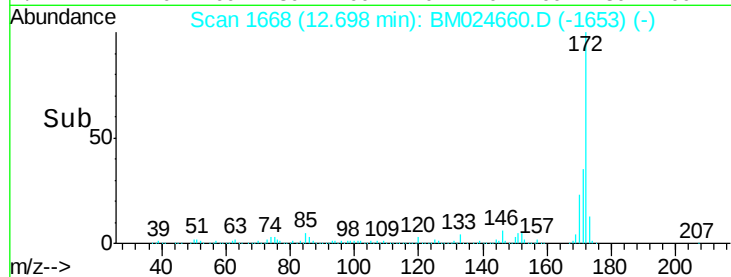
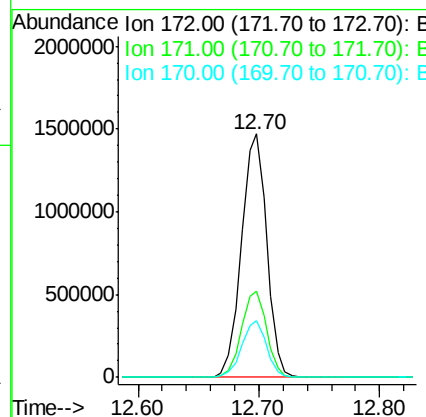
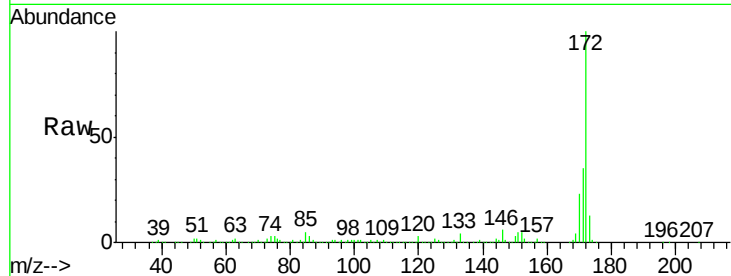
#45
 2-Fluorobiphenyl
 Concen: 80.448 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.1	17.9	26.9

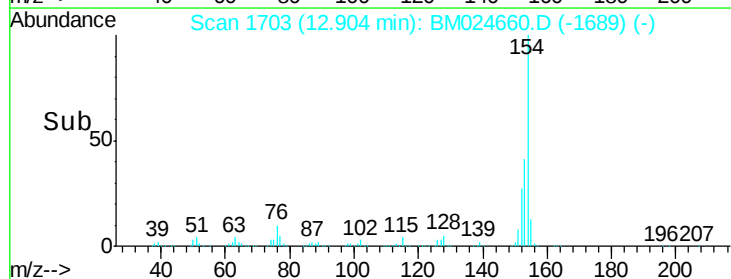
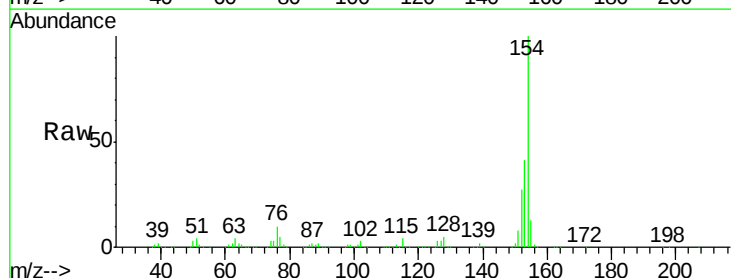
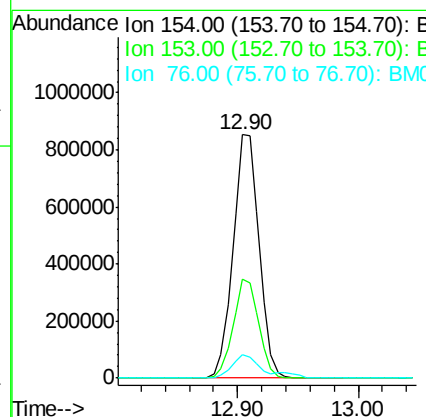
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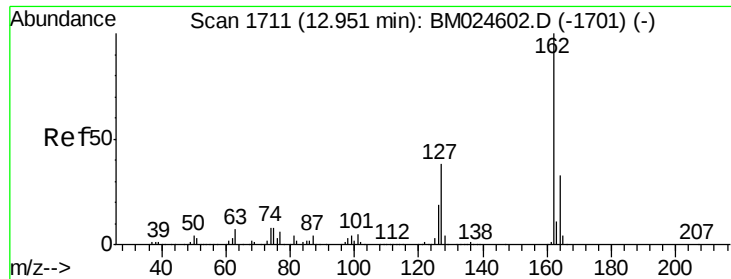
mohammad
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#46
 1,1'-Biphenyl
 Concen: 46.241 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	9.5	0.0	30.5





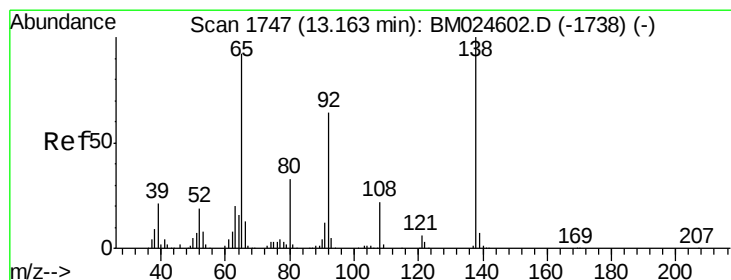
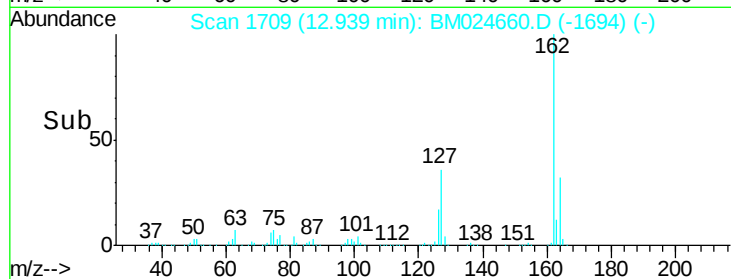
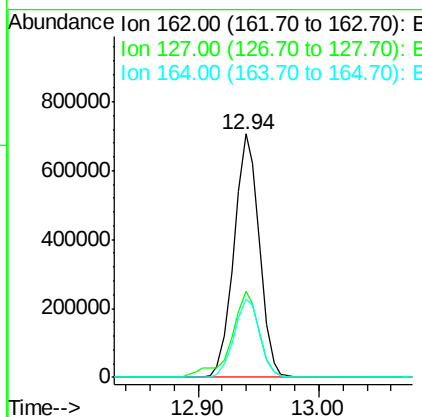
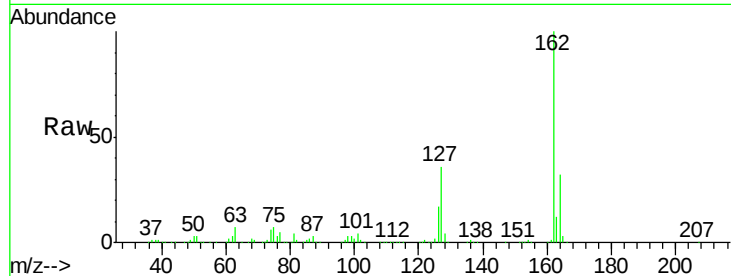
#47
2-Chloronaphthalene
Concen: 46.362 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.4	45.6
164	32.5	26.5	39.7

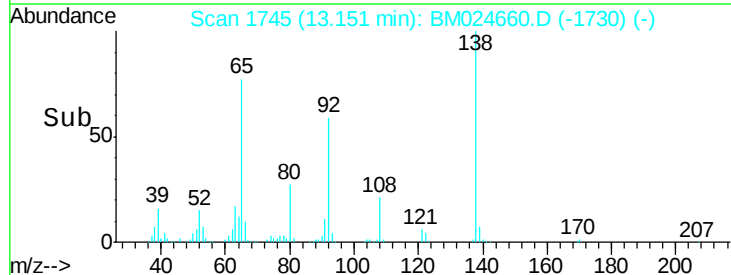
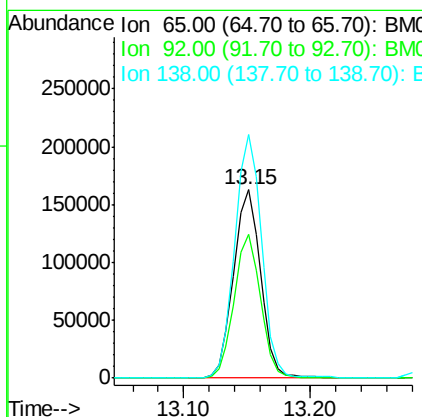
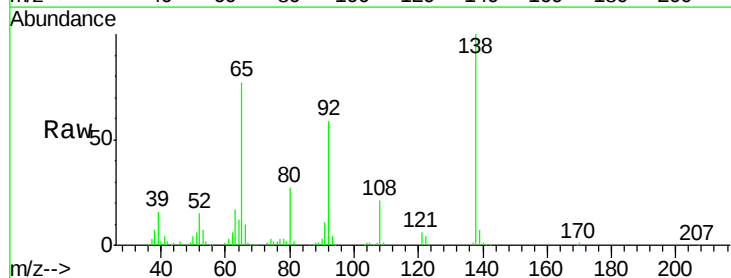
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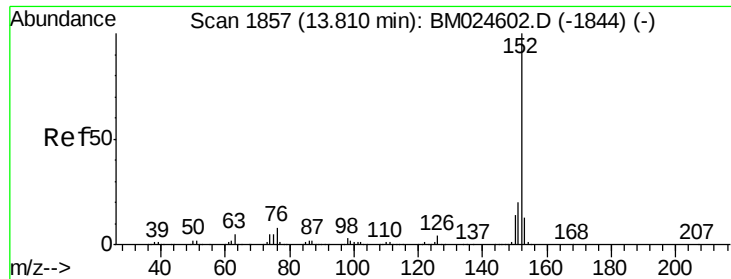
mohammad
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#48
2-Nitroaniline
Concen: 35.589 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	55.4	83.2
138	129.2	86.6	129.8





#49

Acenaphthylene

Concen: 48.368 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:152 Resp: 1609862

Ion Ratio Lower Upper

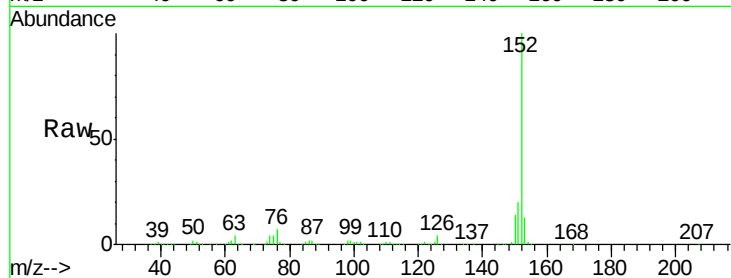
152 100

151 19.9 15.8 23.6

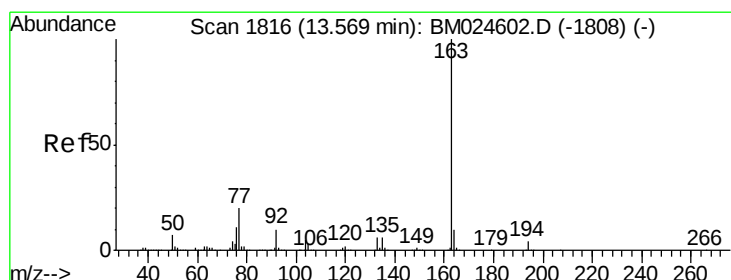
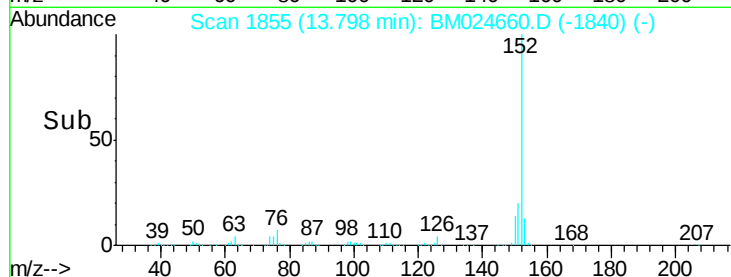
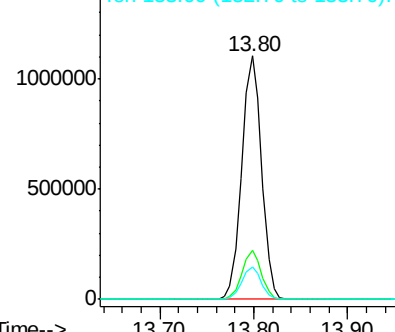
153 13.2 10.4 15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.291 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

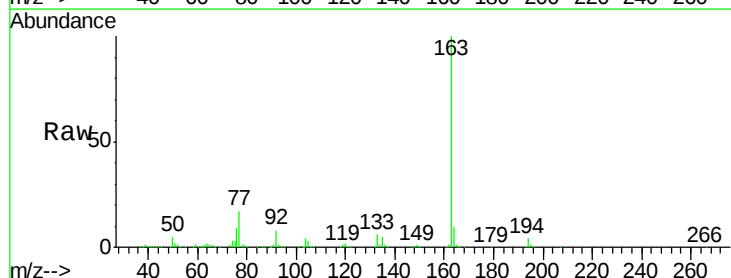
Tgt Ion:163 Resp: 1273923

Ion Ratio Lower Upper

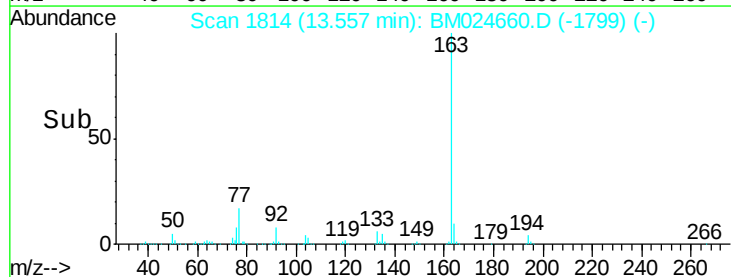
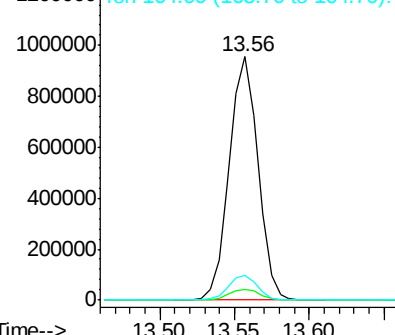
163 100

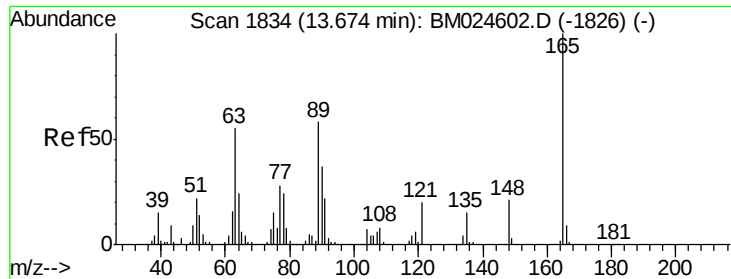
194 4.5 3.4 5.0

164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.143 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:165 Resp: 288689

Ion Ratio Lower Upper

165 100

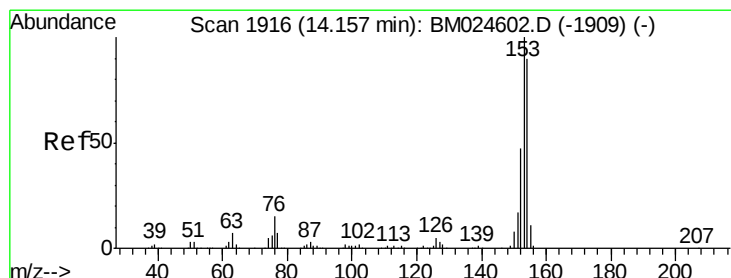
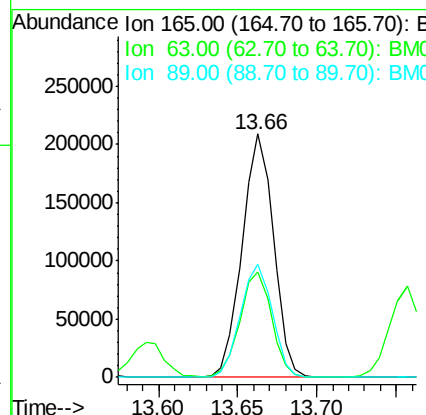
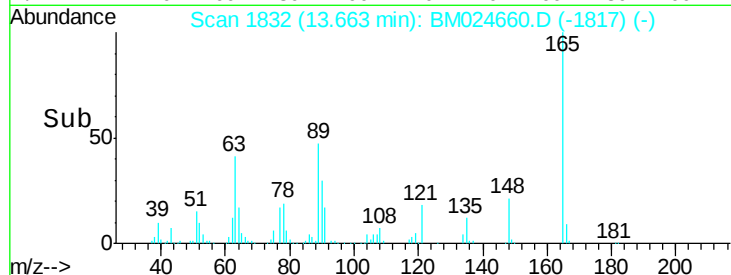
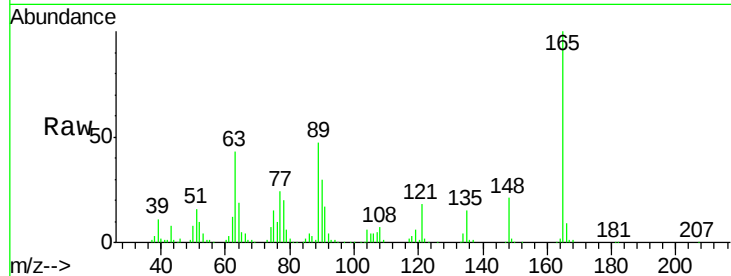
63 43.2 45.4 68.0#

89 46.7 46.6 69.8

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#52

Acenaphthene

Concen: 45.843 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

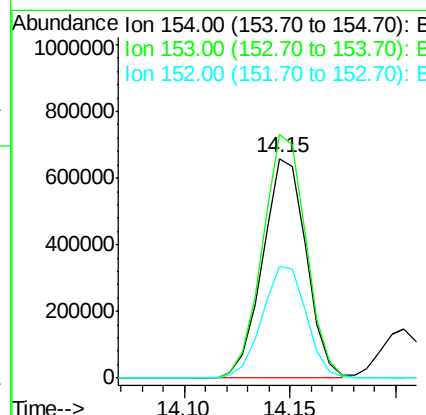
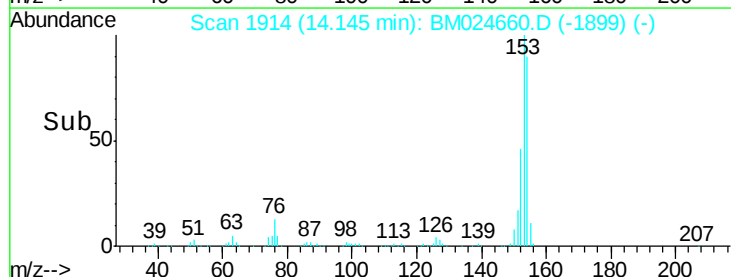
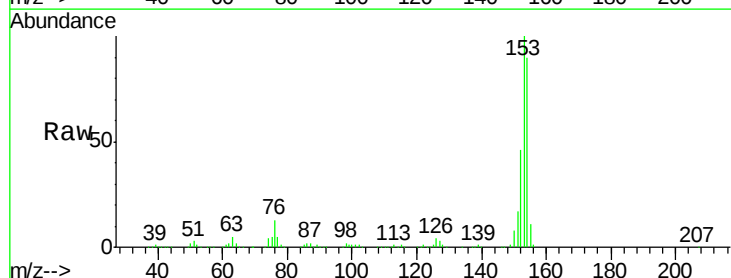
Tgt Ion:154 Resp: 946819

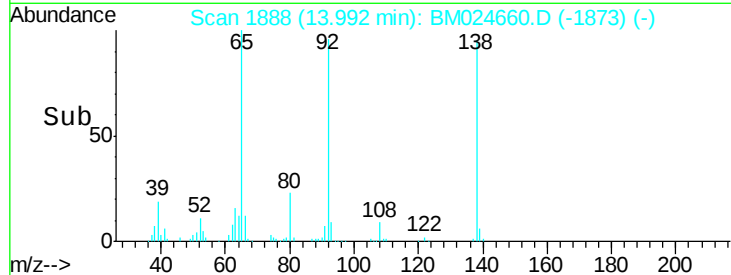
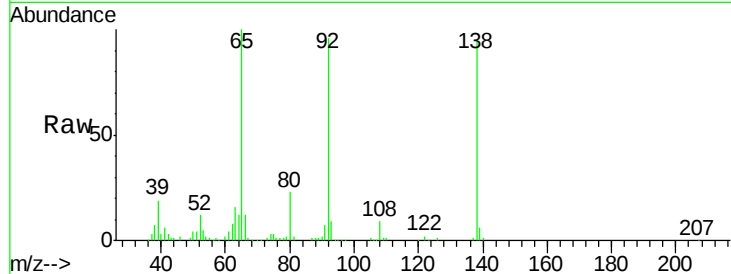
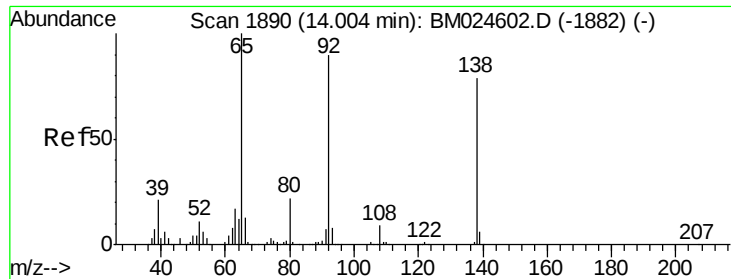
Ion Ratio Lower Upper

154 100

153 110.9 89.1 133.7

152 50.7 41.9 62.9





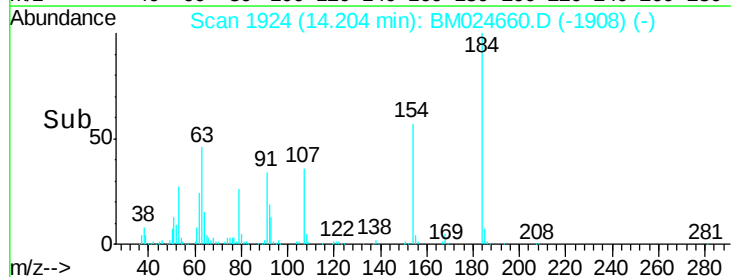
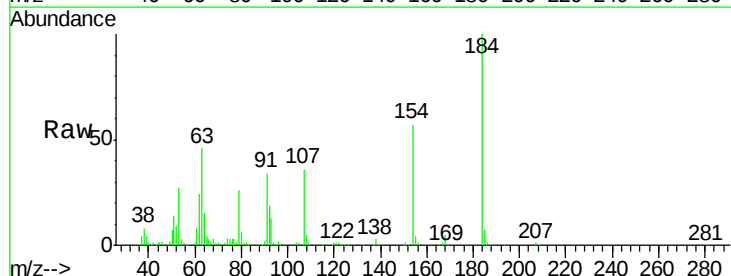
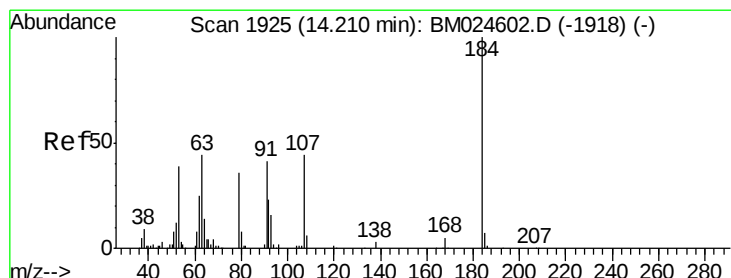
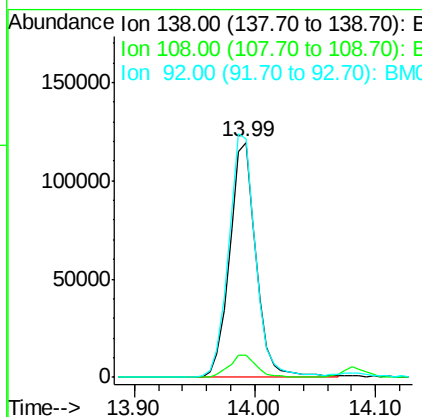
#53
3-Nitroaniline
Concen: 28.069 ng
RT: 13.99 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.7	13.1
92	101.4	91.0	136.4

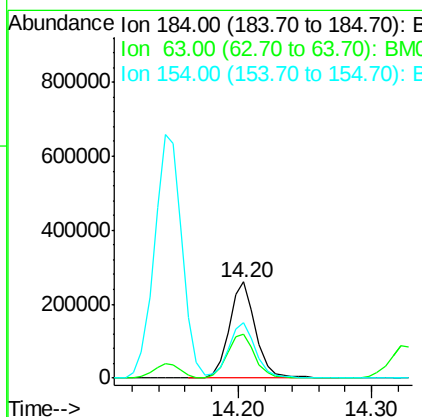
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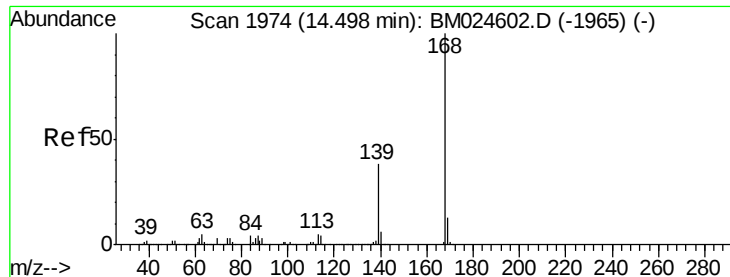
mohammad
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#54
2,4-Dinitrophenol
Concen: 96.267 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.2	51.8	77.8#
154	57.2	50.2	75.4





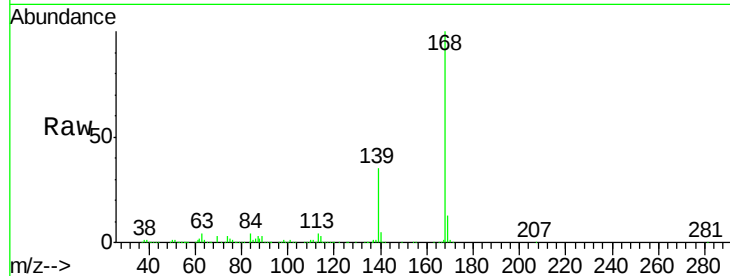
#55
Dibenzofuran
Concen: 46.686 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampled :
PB126393BSD

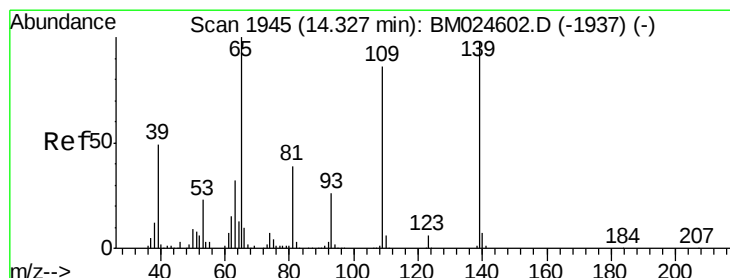
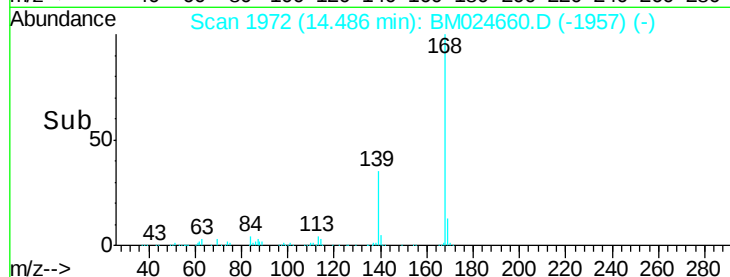
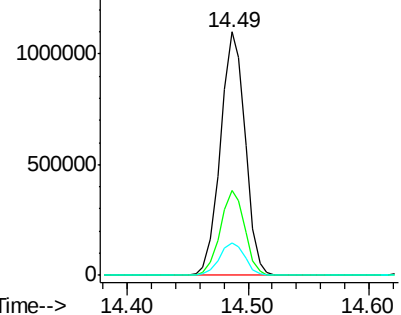
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.2	45.4
169	13.5	10.7	16.1

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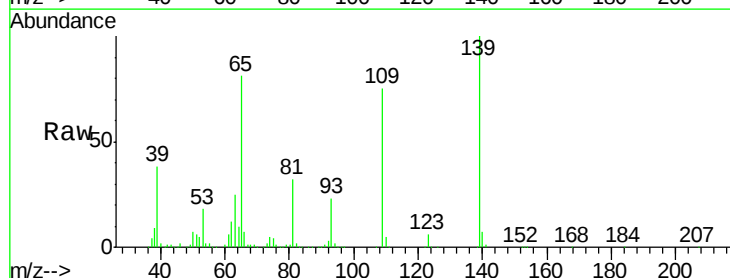


Abundance Ion 168.00 (167.70 to 168.70): E
1500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

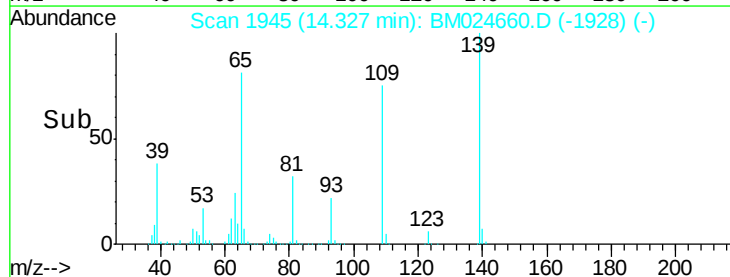
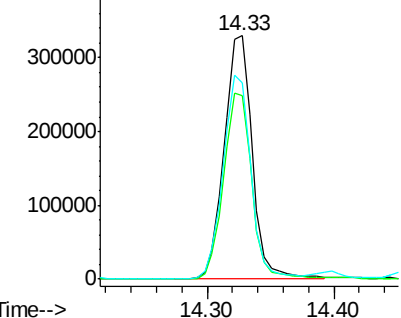


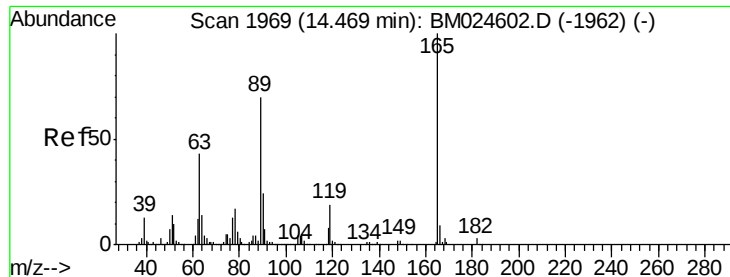
#56
4-Nitrophenol
Concen: 99.724 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	67.4	107.4
65	80.8	82.1	122.1#



Abundance Ion 139.00 (138.70 to 139.70): E
400000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





#57

2,4-Dinitrotoluene

Concen: 44.615 ng

RT: 14.46 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

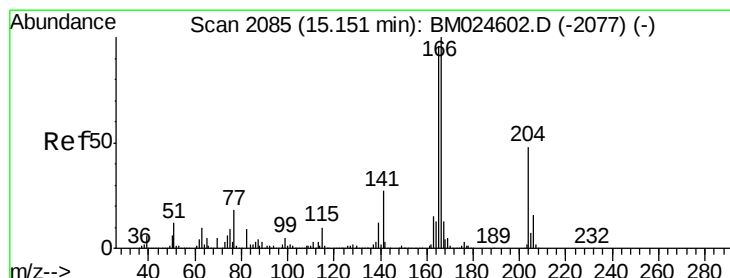
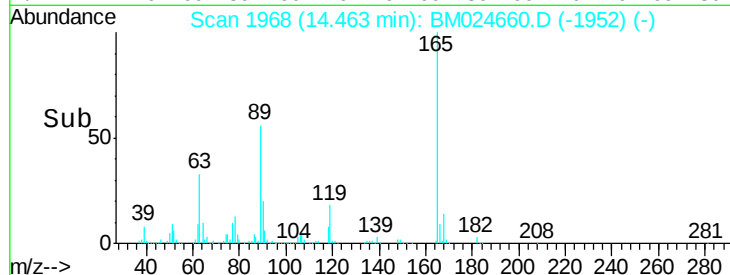
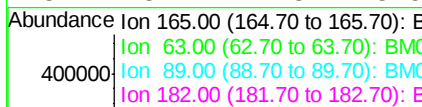
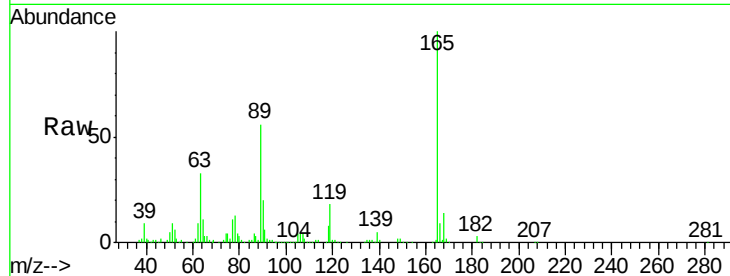
ClientSampleId :

PB126393BSD

Tot Ion:	165	Resp:	400043
Ion Ratio	Lower	Upper	
165	100		
63	33.5	34.5	51.7#
89	56.3	55.8	83.8
182	3.2	2.3	3.5

Manual Integrations
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#58

Fluorene

Concen: 44.460 ng

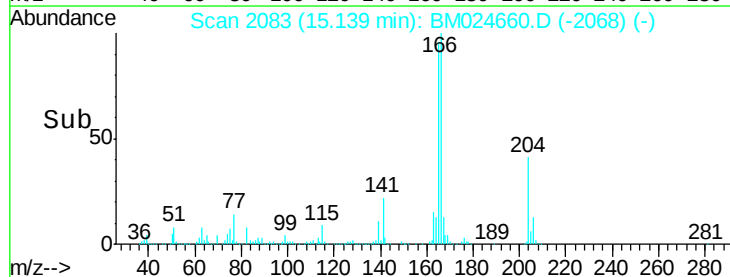
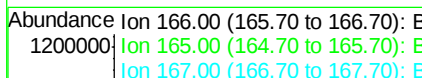
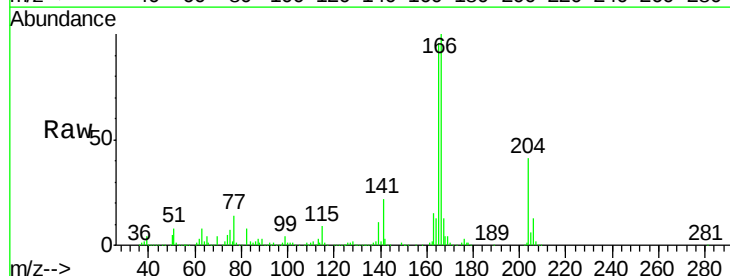
RT: 15.14 min Scan# 2083

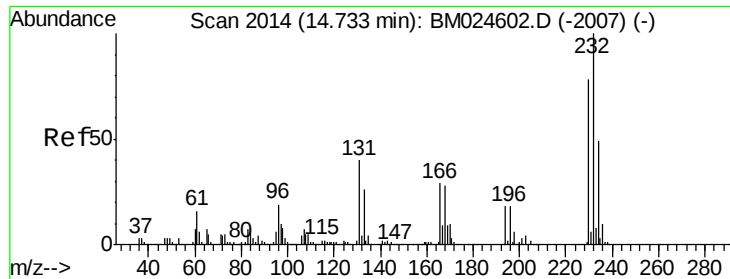
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:	166	Resp:	1258513
Ion Ratio	Lower	Upper	
166	100		
165	96.3	76.6	114.8
167	13.4	10.8	16.2





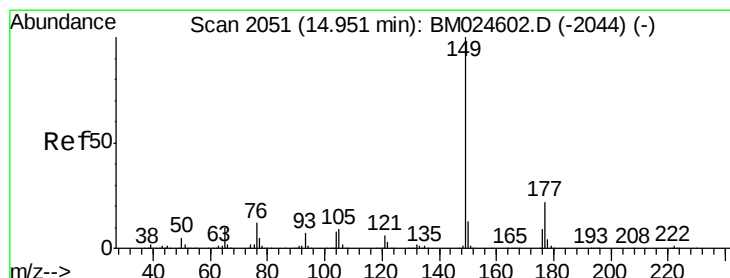
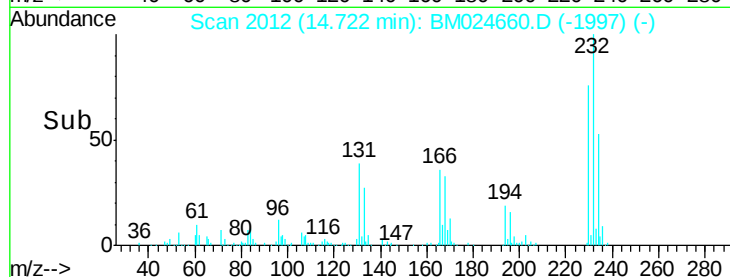
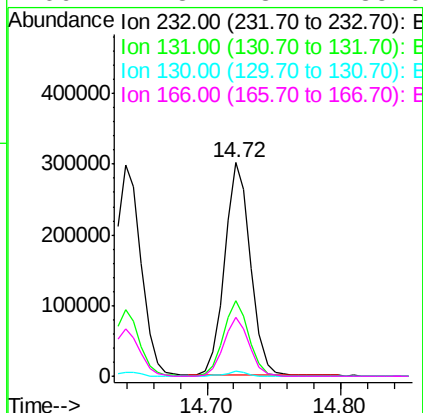
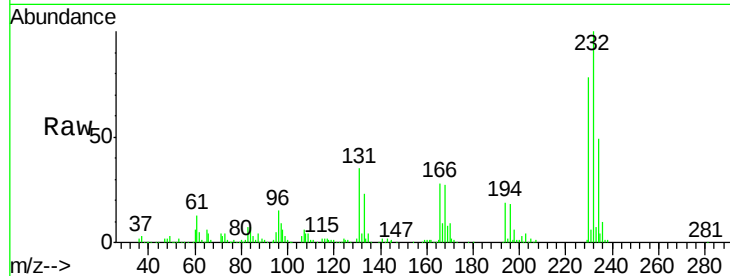
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.498 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion:	232	Resp:	406579
Ion Ratio	Lower	Upper	
232	100		
131	34.9	32.2	48.4
130	1.9	1.9	2.9
166	27.8	23.4	35.0

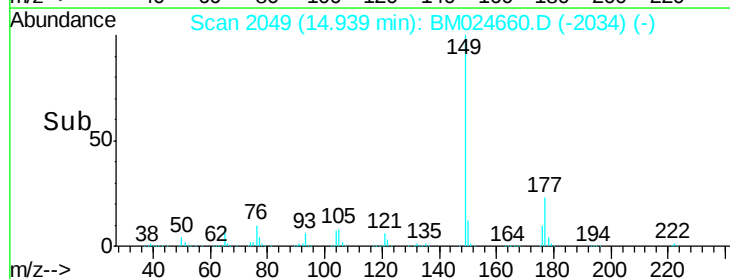
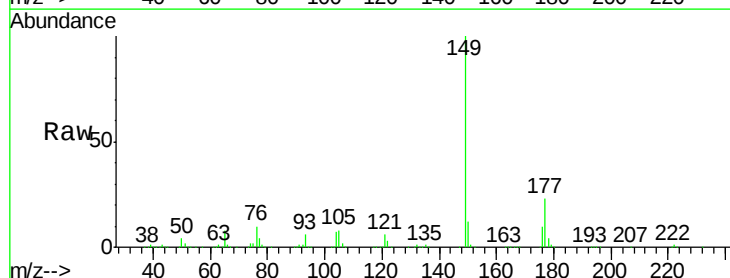
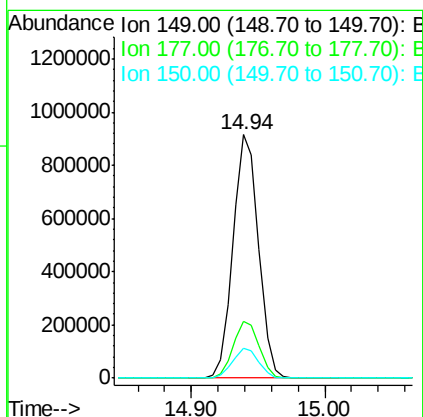
Manual Integrations
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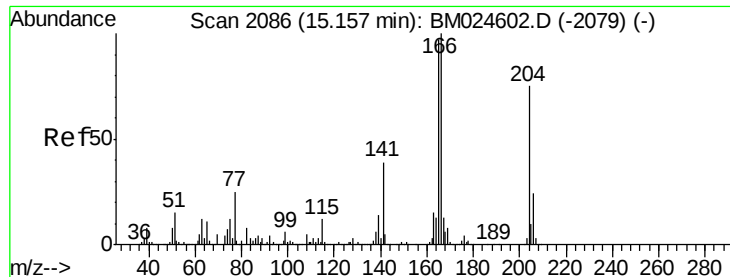
mohammad
2/3/2020 7:55:29 AM



#60
Diethylphthalate
Concen: 40.563 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:	149	Resp:	1211834
Ion Ratio	Lower	Upper	
149	100		
177	23.2	18.0	27.0
150	12.4	10.2	15.4





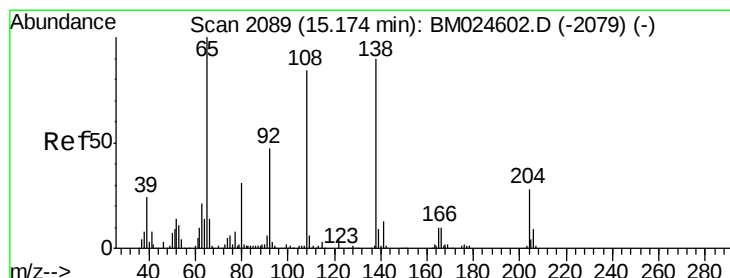
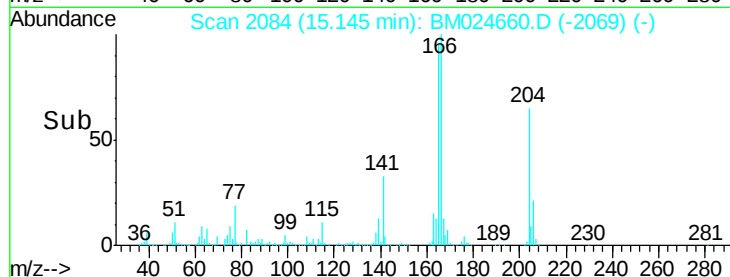
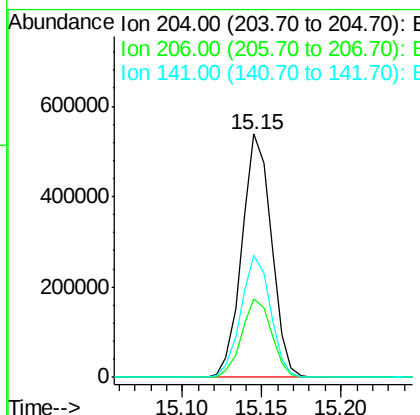
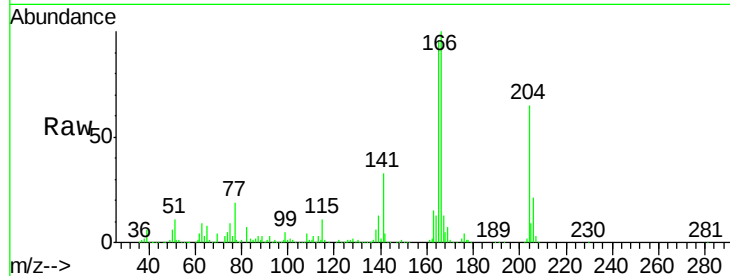
#61
4-Chlorophenyl-phenylether
Concen: 42.703 ng
RT: 15.15 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	49.9	42.2	63.2

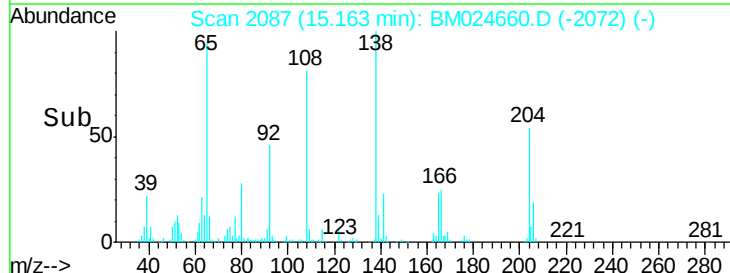
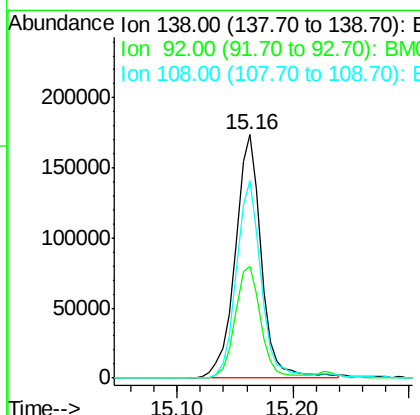
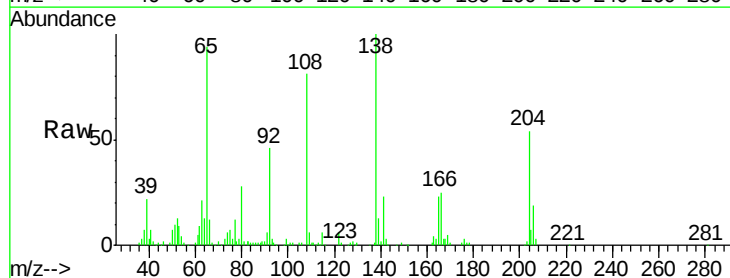
Manual Integrations
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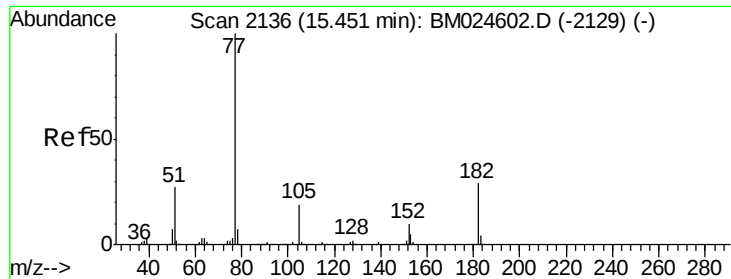
mohammad
2/3/2020 7:55:29 AM



#62
4-Nitroaniline
Concen: 37.996 ng
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	32.4	72.4
108	81.3	73.3	113.3





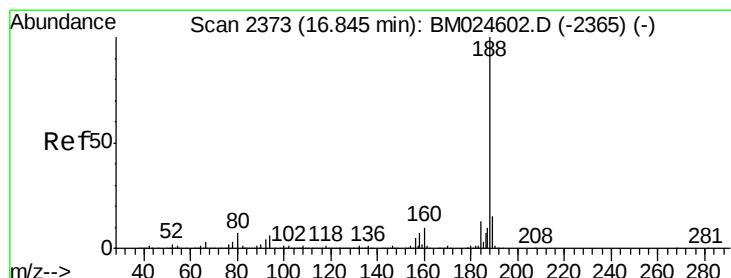
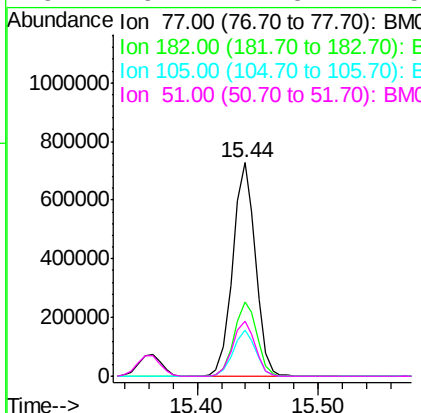
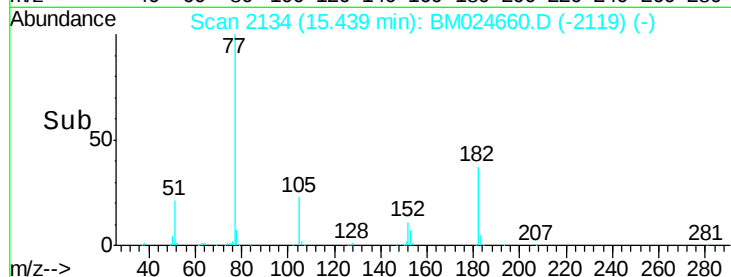
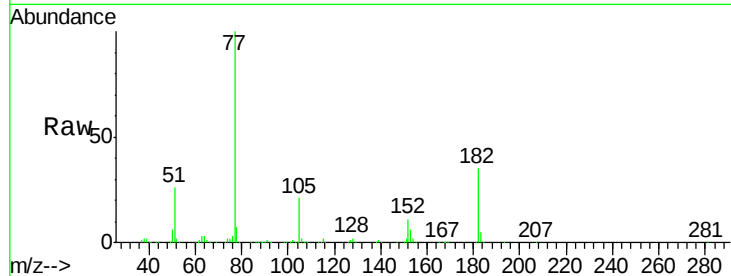
#63
Azobenzene
Concen: 37.129 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		946173		
182	34.6	8.7	48.7		
105	21.4	0.0	39.2		
51	25.7	7.5	47.5		

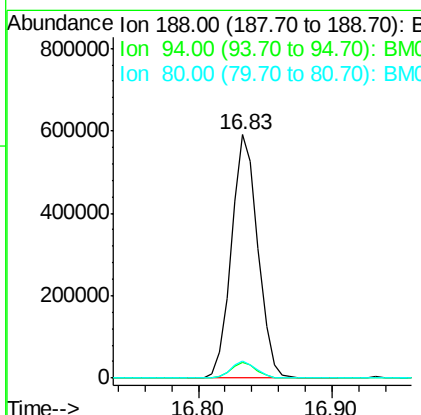
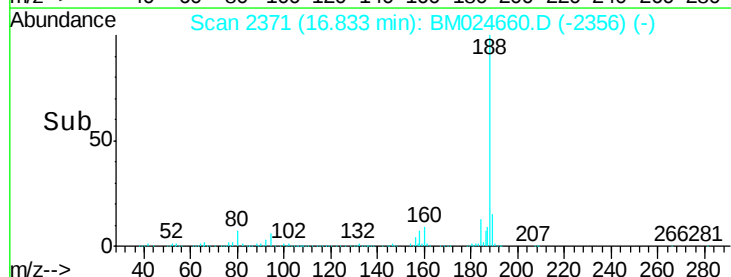
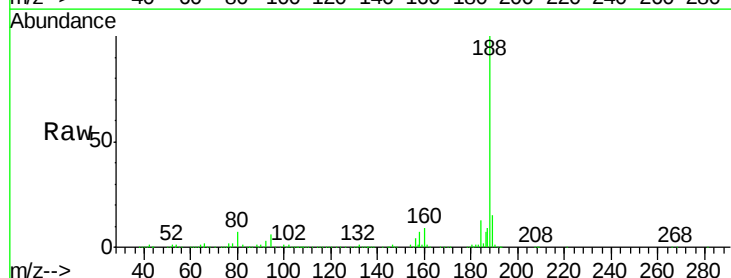
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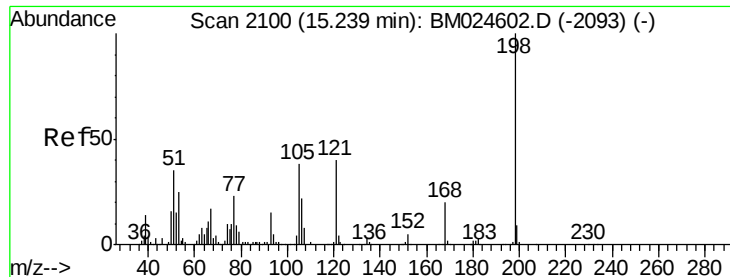
mohammad
2/3/2020 7:55:29 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		813980		
94	6.2	5.0	7.6		
80	7.2	5.8	8.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 53.248 ng

RT: 15.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:198 Resp: 254848

Ion Ratio Lower Upper

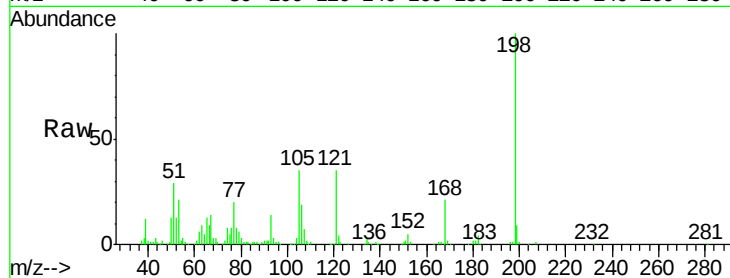
198 100

51 28.9 15.8 55.8

105 34.6 18.5 58.5

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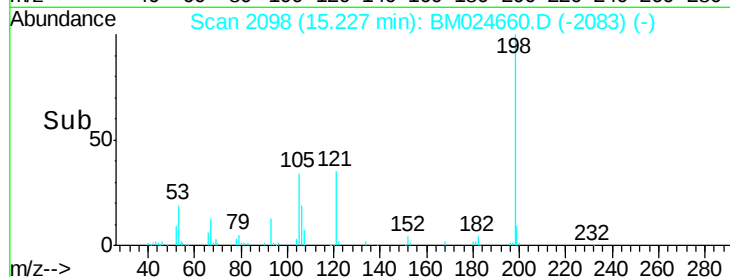


Abundance Ion 198.00 (197.70 to 198.70): E

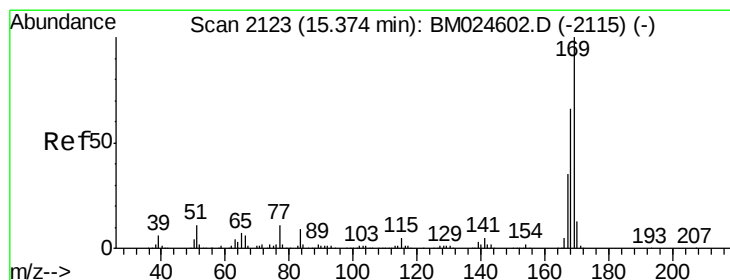
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

15.23



Time-->



#66

n-Nitrosodiphenylamine

Concen: 47.947 ng

RT: 15.36 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

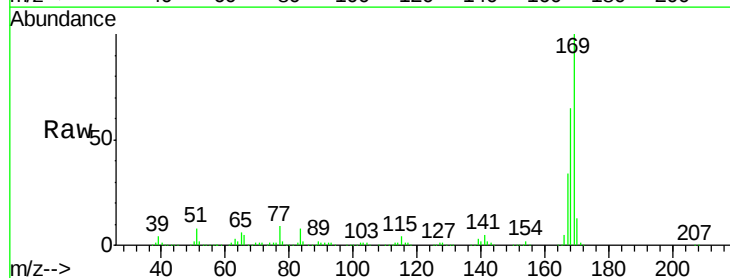
Tgt Ion:169 Resp: 1121067

Ion Ratio Lower Upper

169 100

168 65.0 52.8 79.2

167 34.5 28.2 42.2

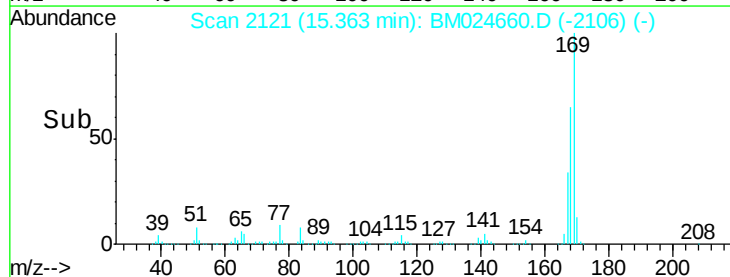


Abundance Ion 169.00 (168.70 to 169.70): E

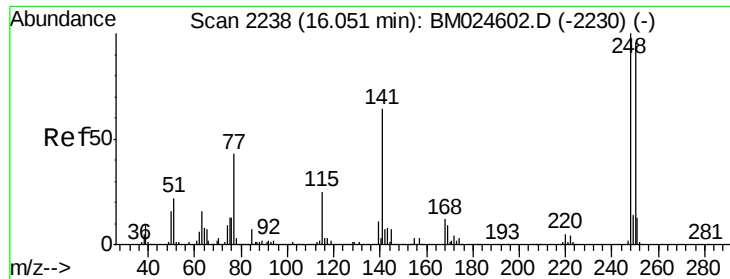
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.36



Time-->



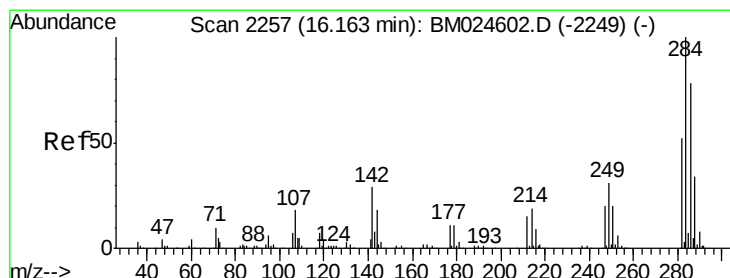
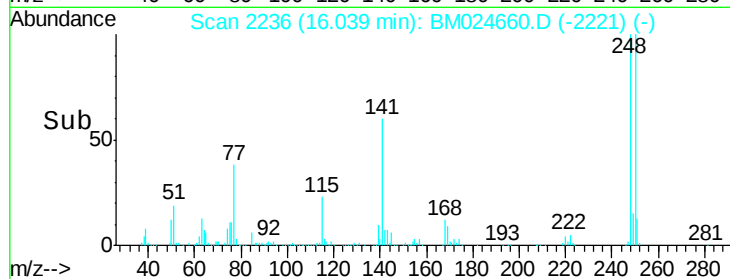
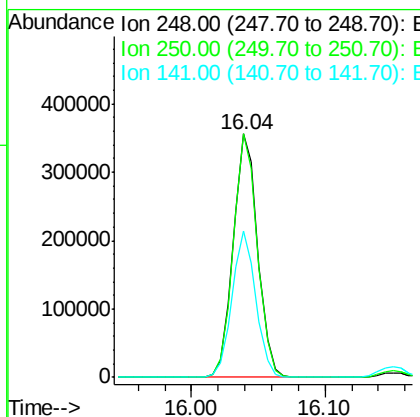
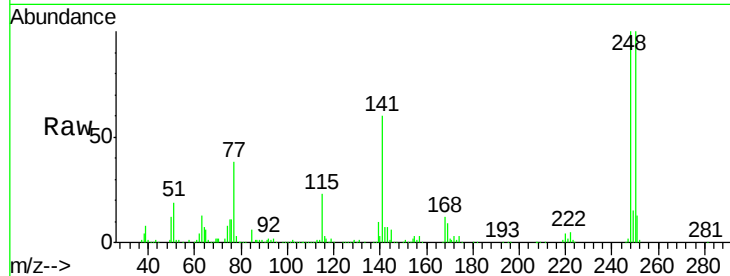
#67
 4-Bromophenyl-phenylether
 Concen: 44.987 ng
 RT: 16.04 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.0	115.6
141	60.0	50.9	76.3

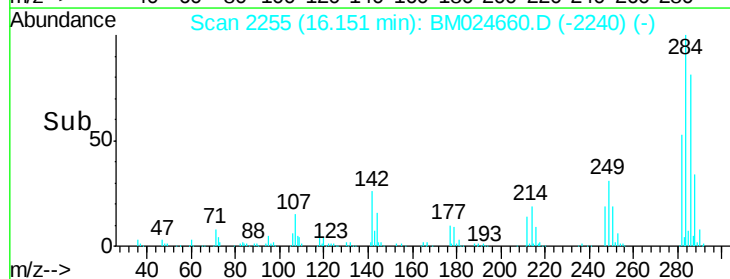
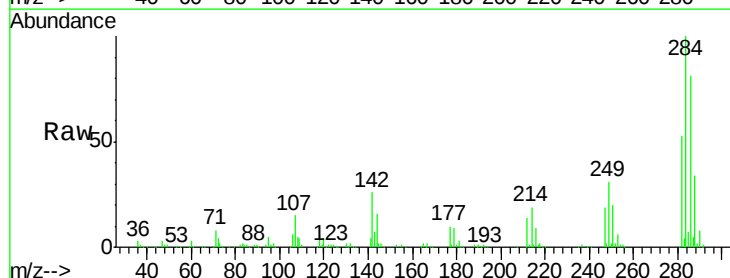
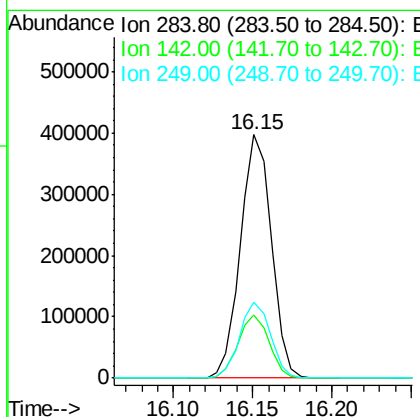
Manual Integrations
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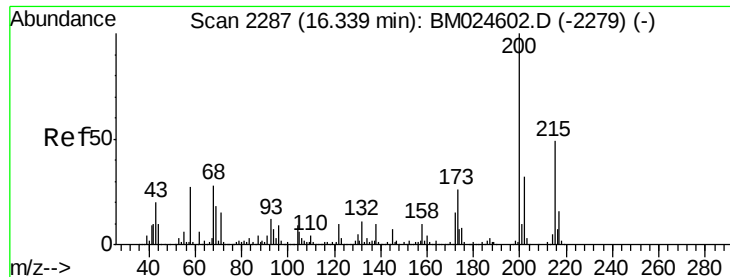
mohammad
 2/3/2020 7:55:29 AM



#68
 Hexachlorobenzene
 Concen: 46.432 ng
 RT: 16.15 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	23.5	35.3
249	31.1	24.6	36.8





#69

Atrazine

Concen: 48.856 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

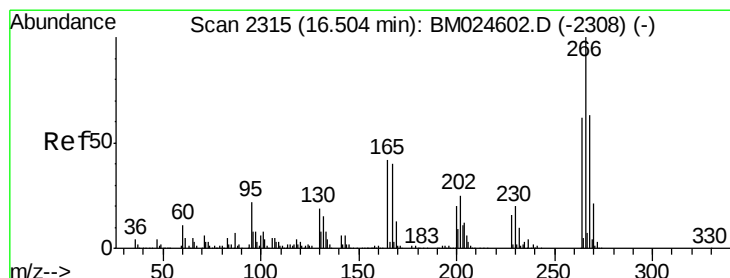
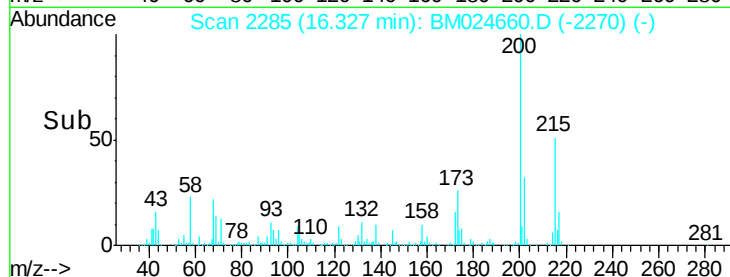
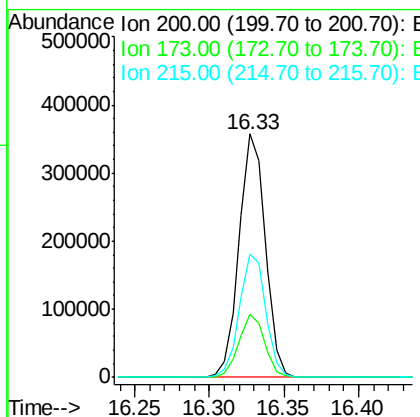
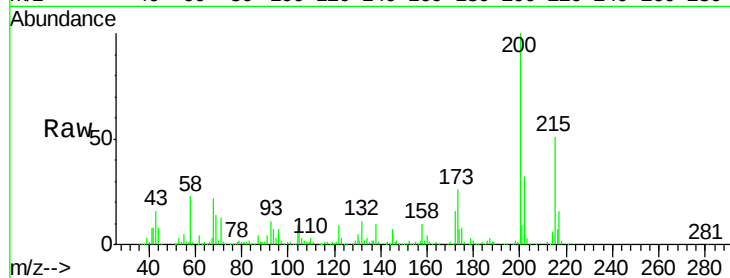
ClientSampleId :

PB126393BSD

Tot Ion:	200	Resp:	438486
Ion Ratio	Lower	Upper	
200	100		
173	26.1	5.5	45.5
215	50.6	29.4	69.4

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#70

Pentachlorophenol

Concen: 100.533 ng

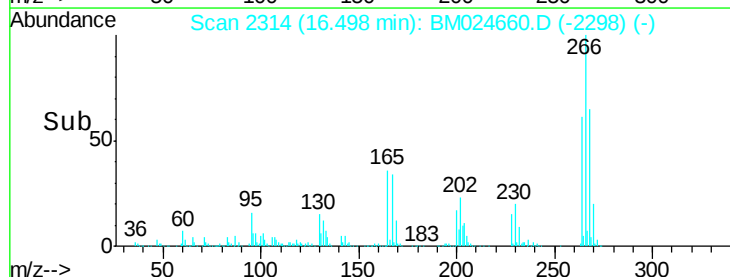
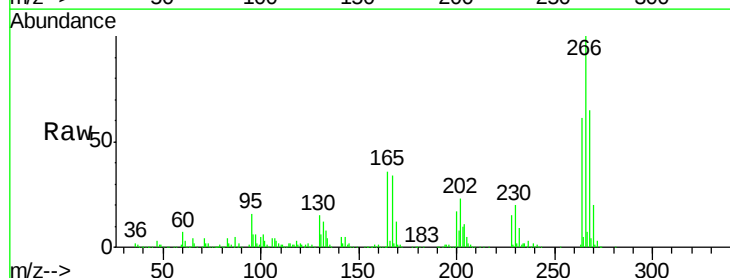
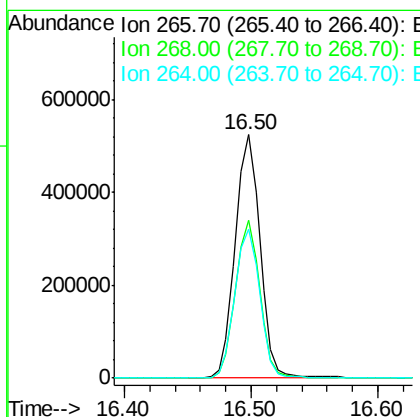
RT: 16.50 min Scan# 2314

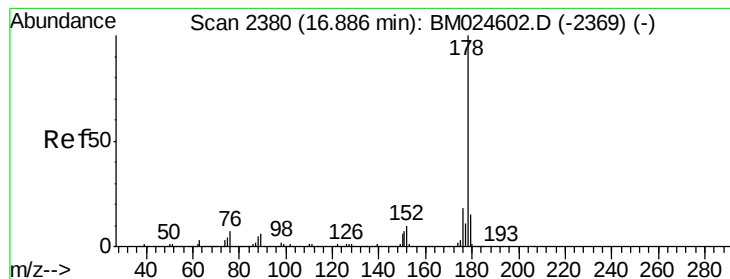
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:	266	Resp:	711326
Ion Ratio	Lower	Upper	
266	100		
268	64.8	50.4	75.6
264	61.4	49.9	74.9





#71

Phenanthrene

Concen: 46.349 ng

RT: 16.88 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:178 Resp: 2043003

Ion Ratio Lower Upper

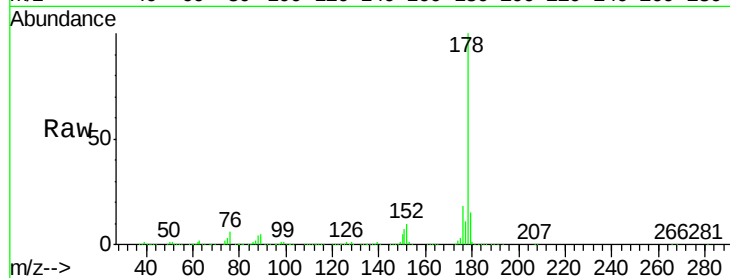
178 100

176 18.3 14.5 21.7

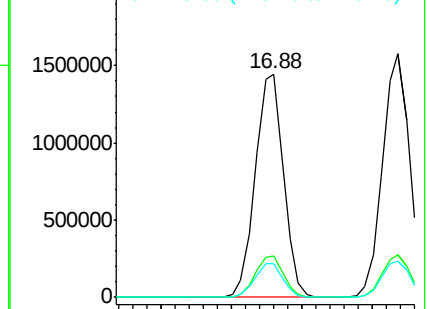
179 15.1 11.9 17.9

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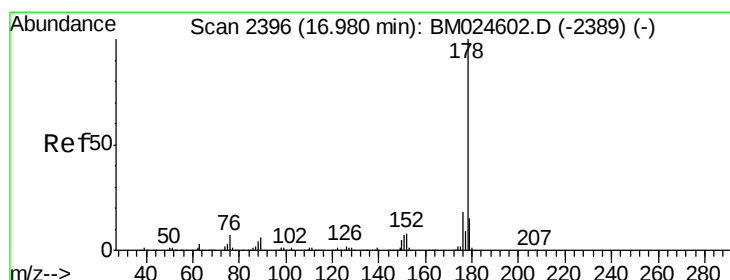
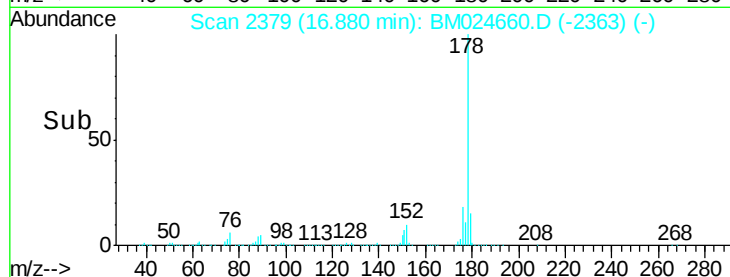
mohammad
2/3/2020 7:55:29 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 49.038 ng

RT: 16.97 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

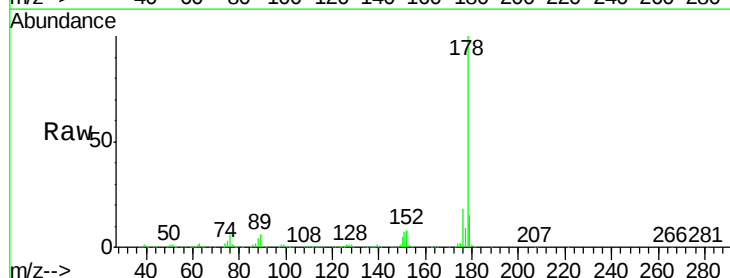
Tgt Ion:178 Resp: 2114998

Ion Ratio Lower Upper

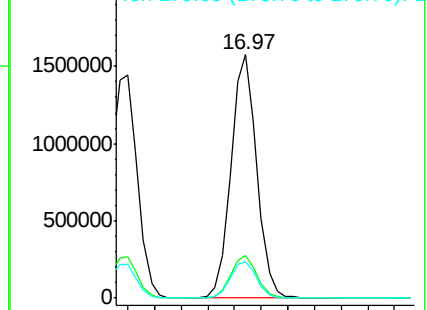
178 100

176 17.8 14.3 21.5

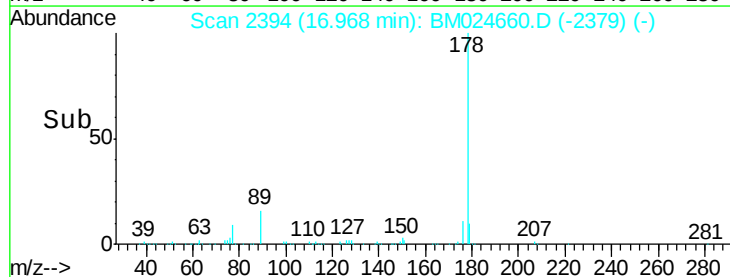
179 14.7 12.1 18.1

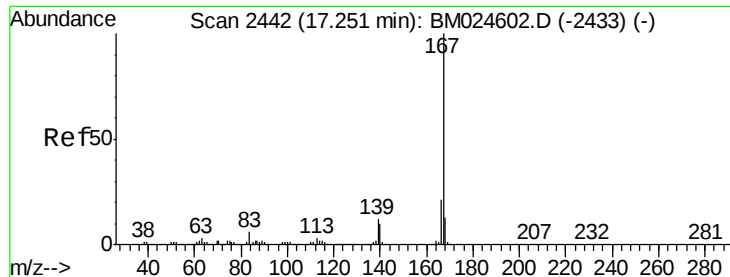


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#73

Carbazole

Concen: 47.611 ng

RT: 17.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:167 Resp: 1869330

Ion Ratio Lower Upper

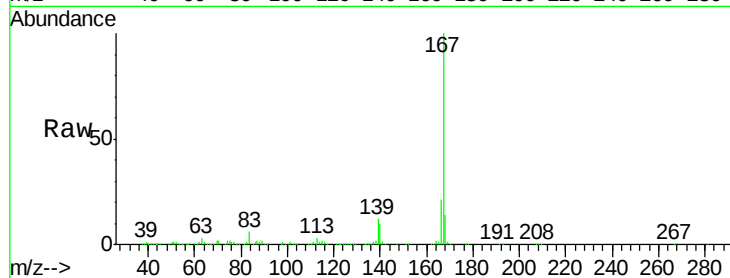
167 100

166 21.1 17.1 25.7

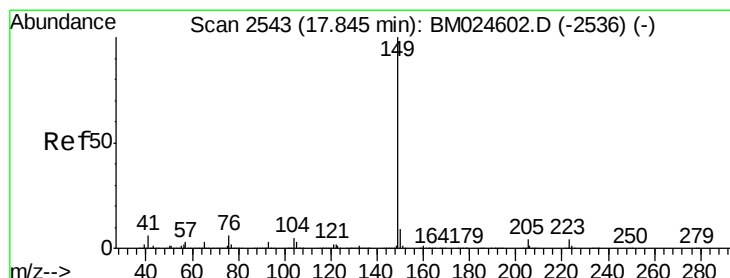
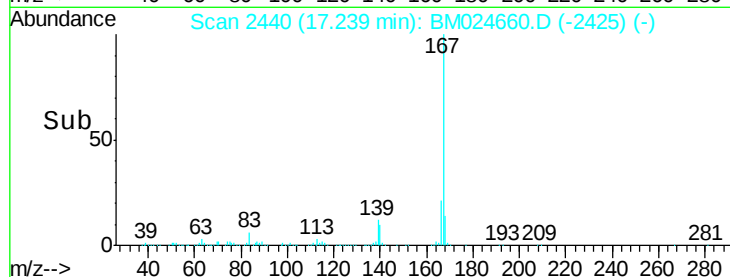
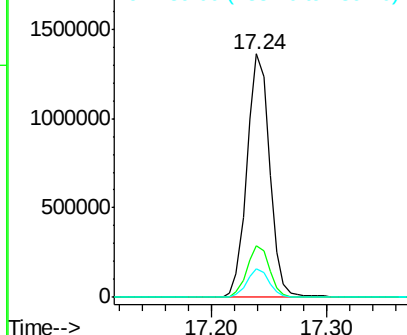
139 11.8 9.8 14.8

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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: 41.164 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

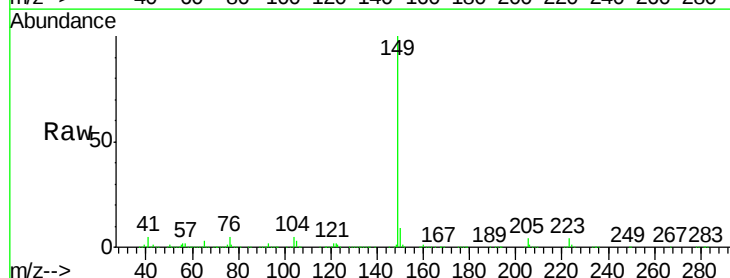
Tgt Ion:149 Resp: 2066195

Ion Ratio Lower Upper

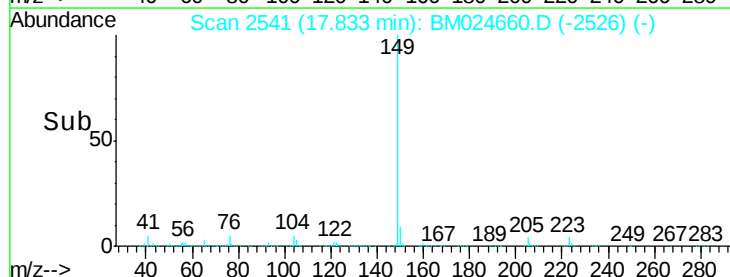
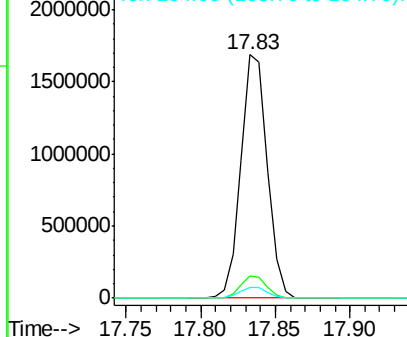
149 100

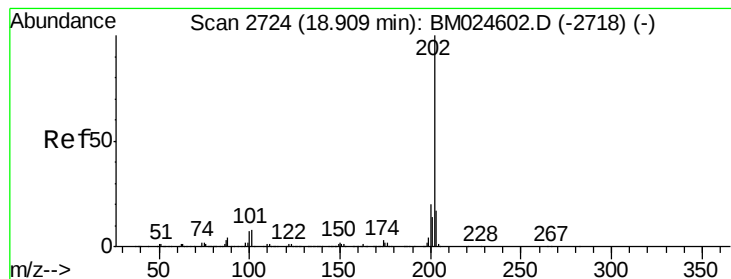
150 9.1 7.4 11.0

104 4.6 4.3 6.5



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





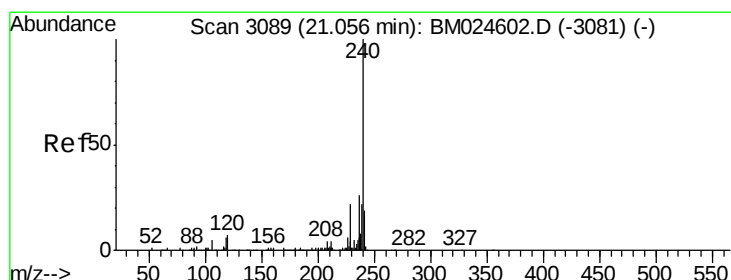
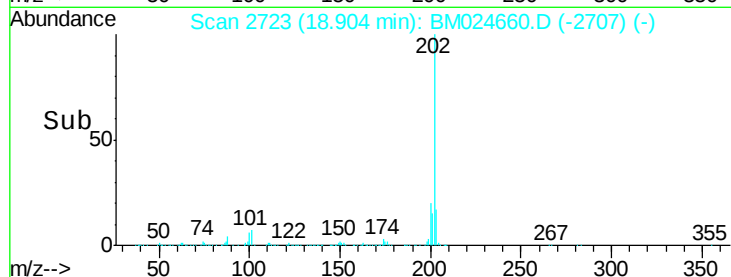
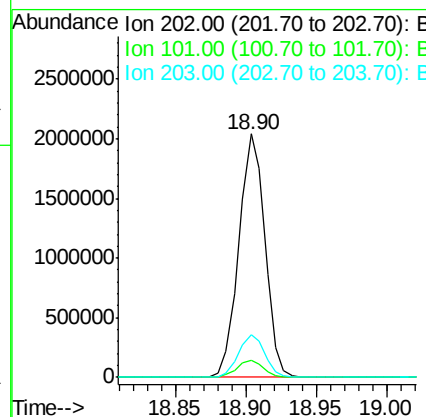
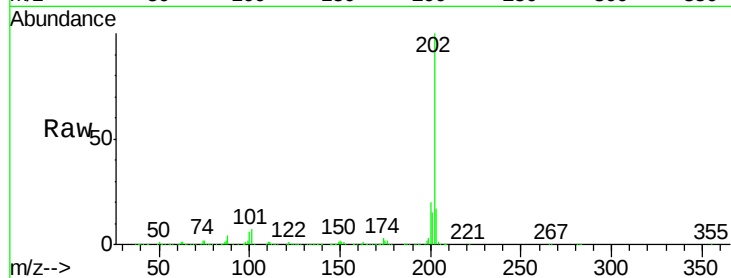
#75
 Fluoranthene
 Concen: 47.745 ng
 RT: 18.90 min Scan# 2723
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.4
203	17.3	0.0	37.5

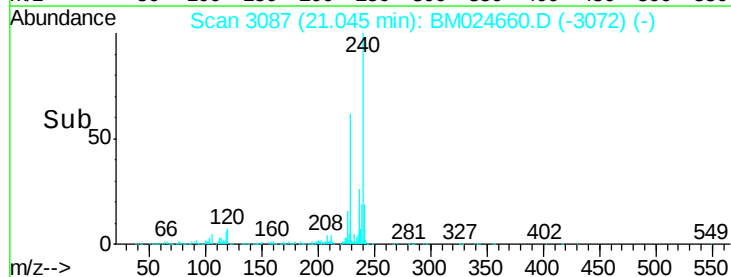
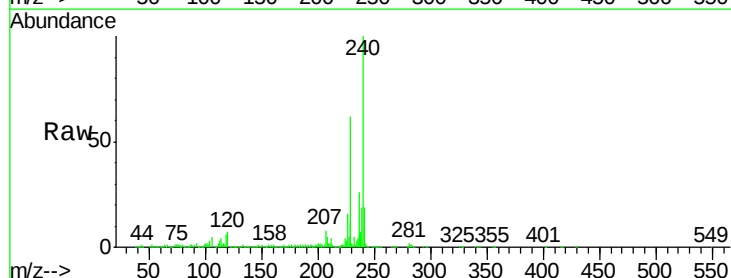
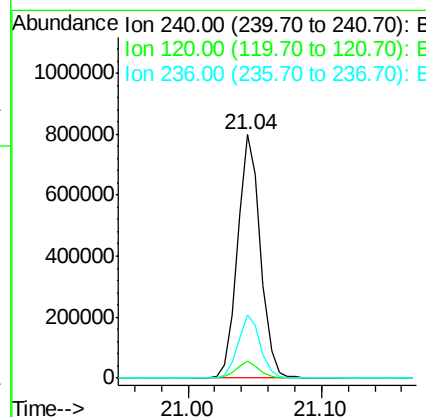
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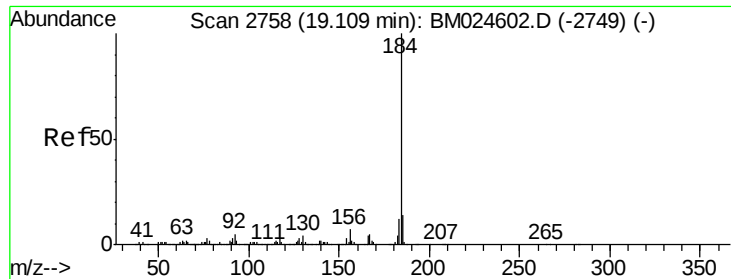
mohammad
 2/3/2020 7:55:29 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	25.9	20.6	31.0





#77

Benzidine

Concen: 81.313 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:184 Resp: 1804584

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

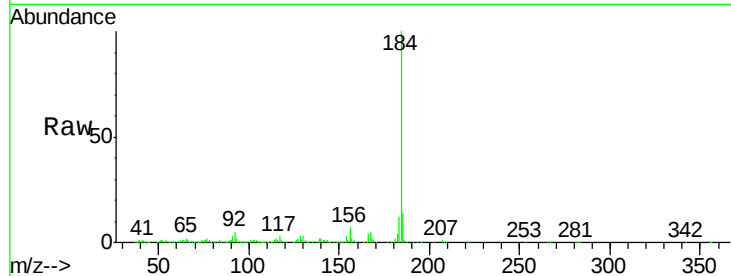
183 11.7 9.6 14.4

Manual Integrations

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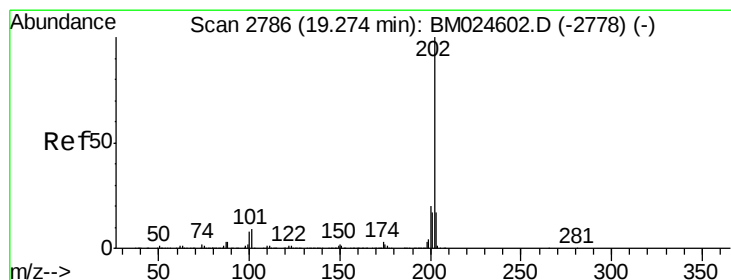
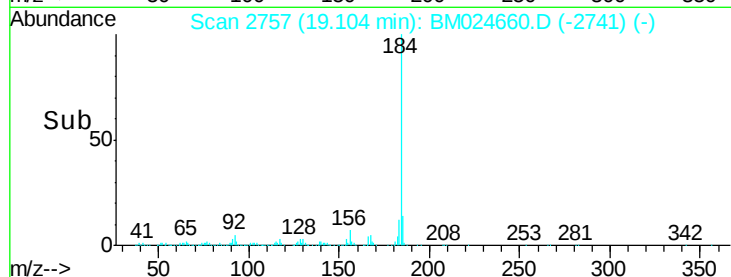
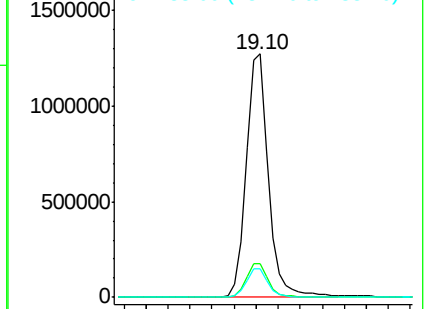
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.660 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

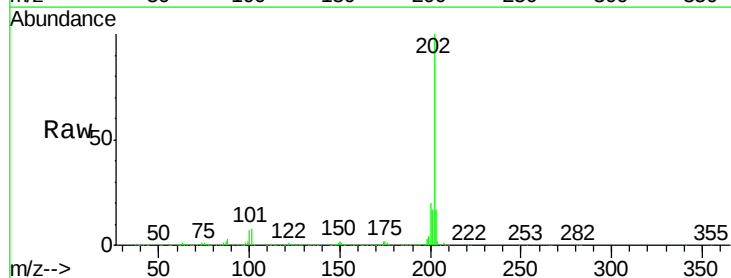
Tgt Ion:202 Resp: 2742817

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

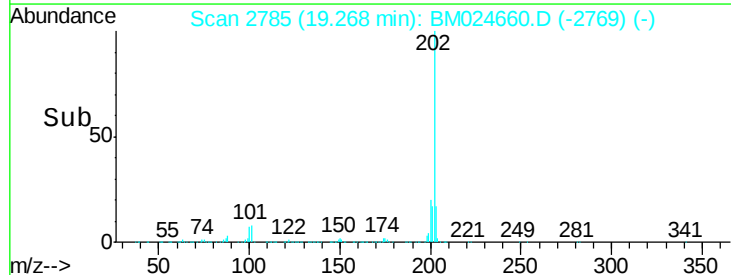
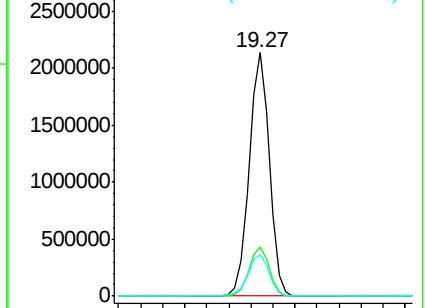
203 17.2 14.0 21.0

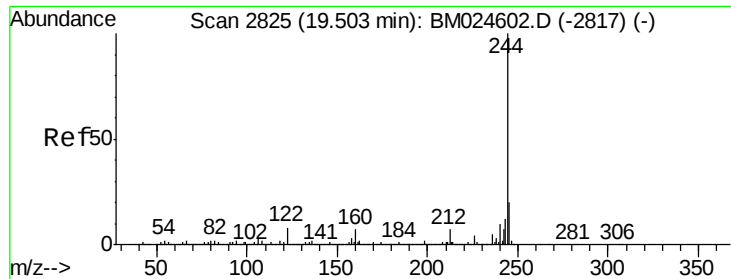


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





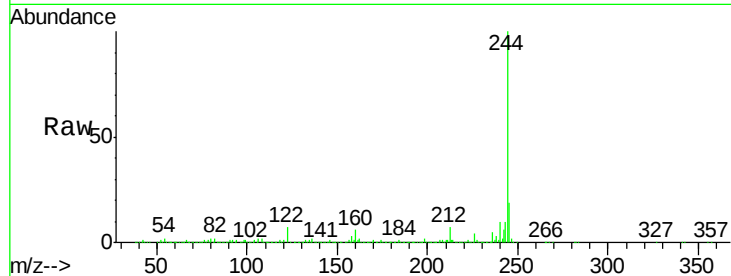
#79
 Terphenyl-d14
 Concen: 76.371 ng
 RT: 19.49 min Scan# 2823
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

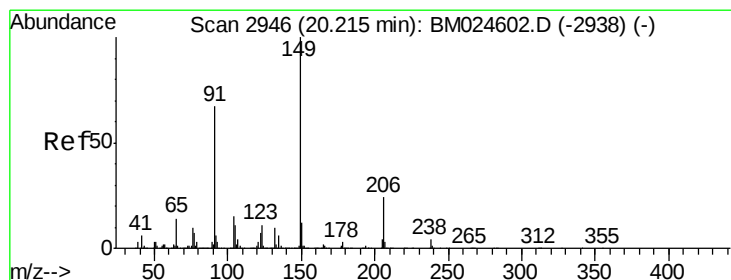
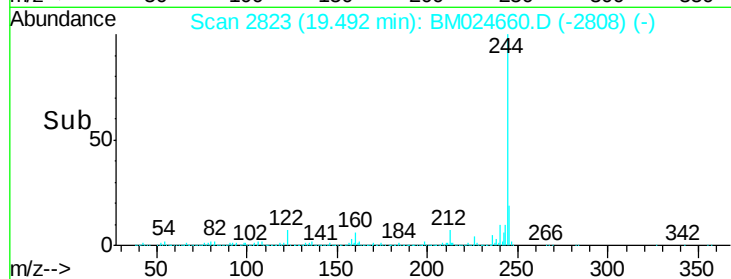
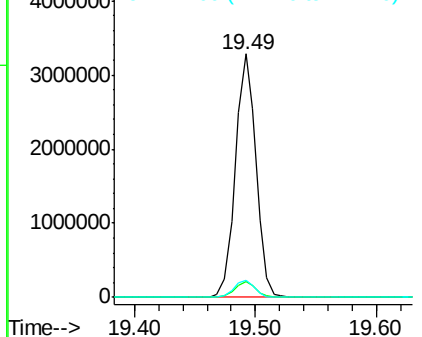
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	7.0	6.2	9.4

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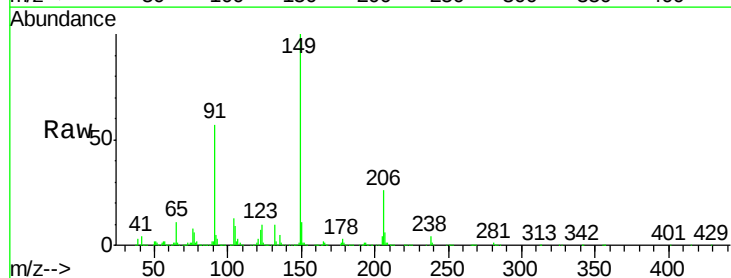


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

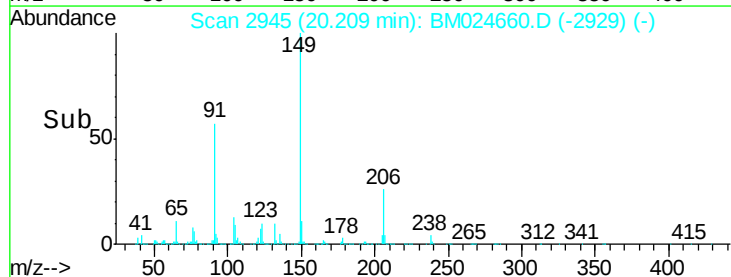
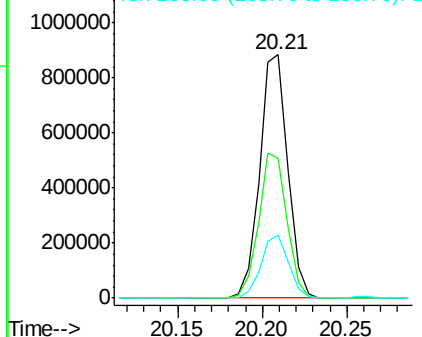


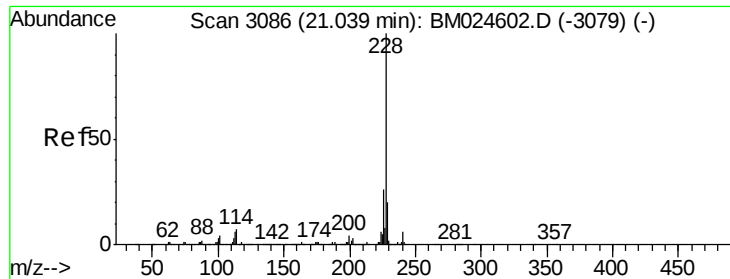
#80
 Butylbenzylphthalate
 Concen: 38.509 ng
 RT: 20.21 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.3	53.9	80.9
206	26.1	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.301 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:228 Resp: 3062348

Ion Ratio Lower Upper

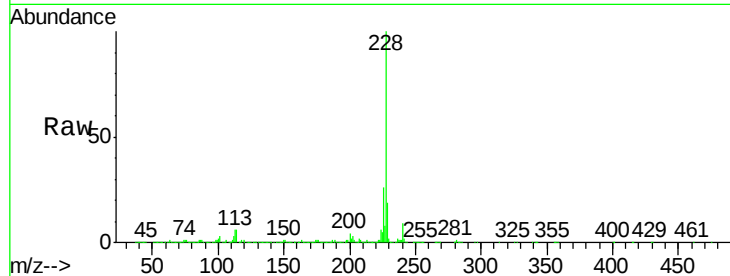
228 100

226 26.0 21.1 31.7

229 19.2 15.8 23.6

Manual Integrations
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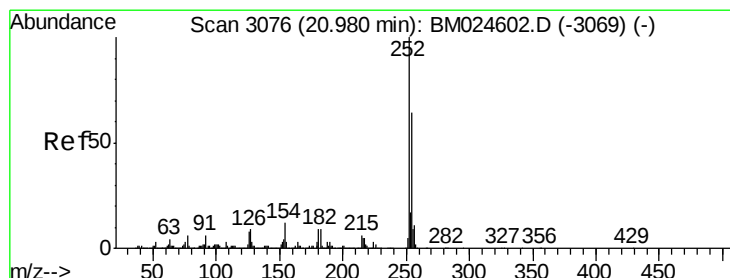
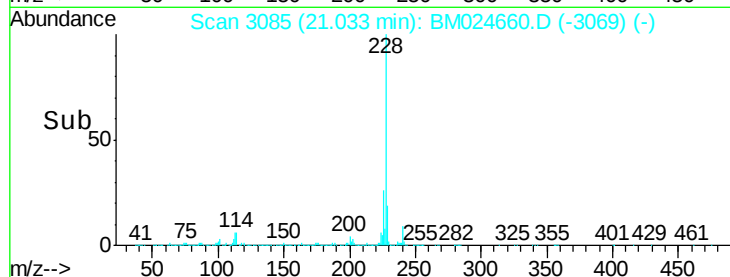
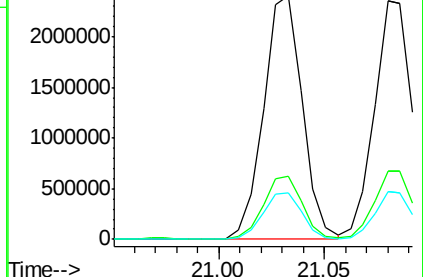
mohammad
2/3/2020 7:55:29 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 41.262 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

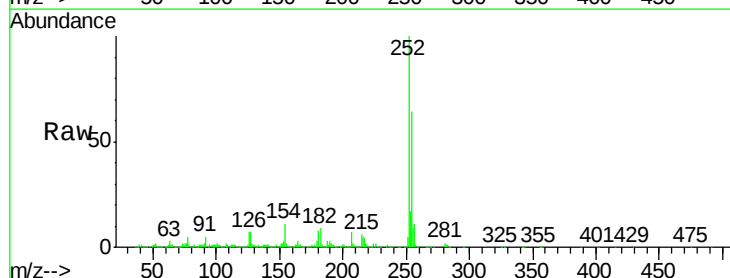
Tgt Ion:252 Resp: 981734

Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

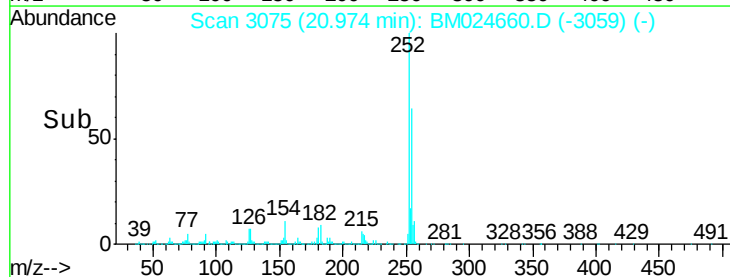
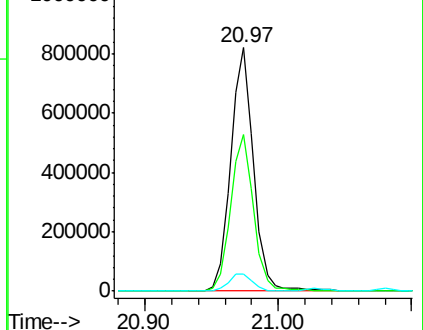
126 7.0 6.7 10.1

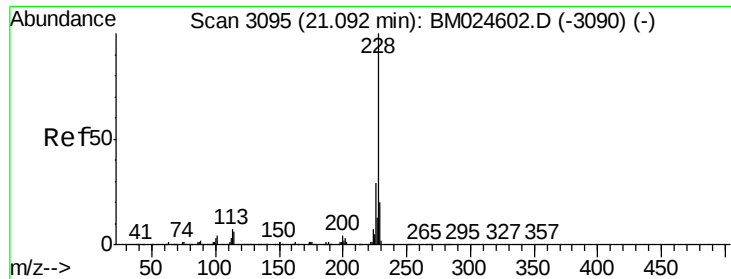


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





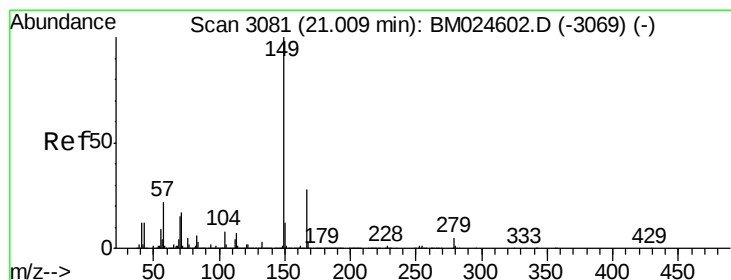
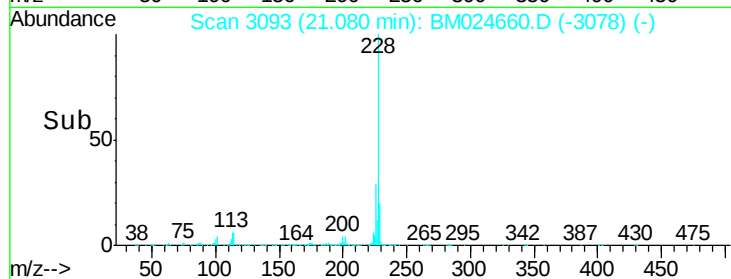
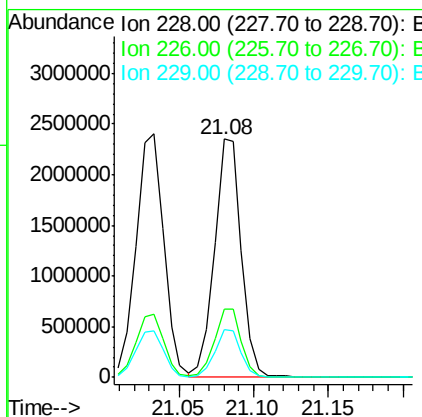
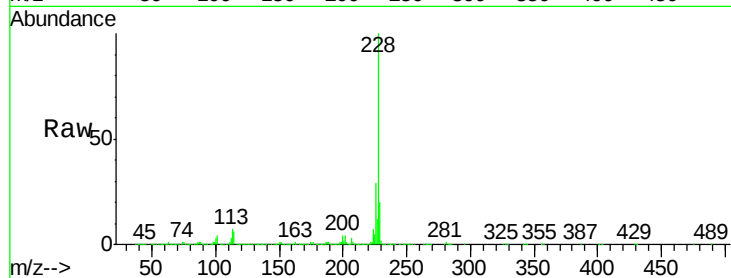
#83
 Chrysene
 Concen: 46.621 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	20.0	15.7	23.5

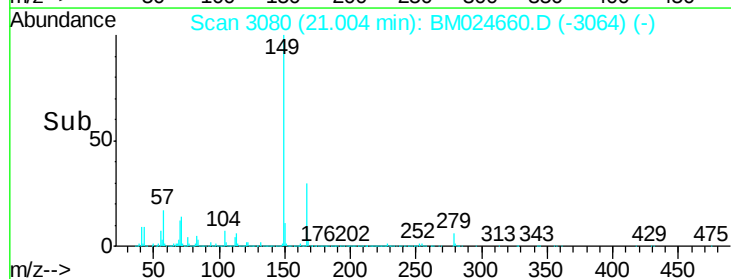
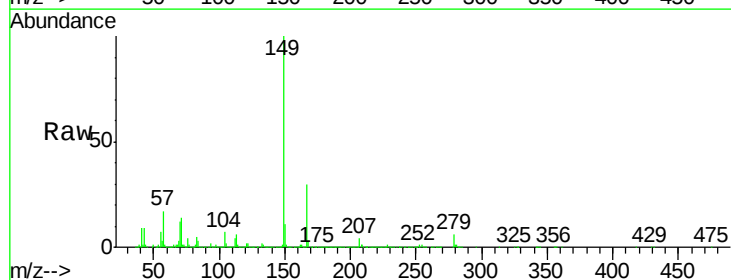
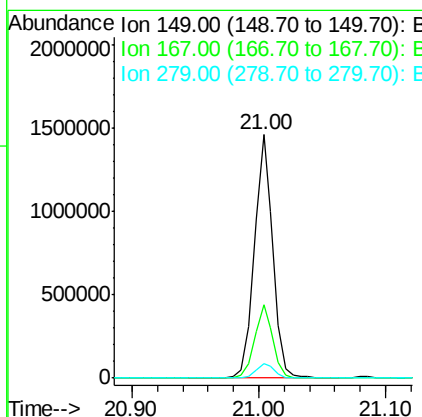
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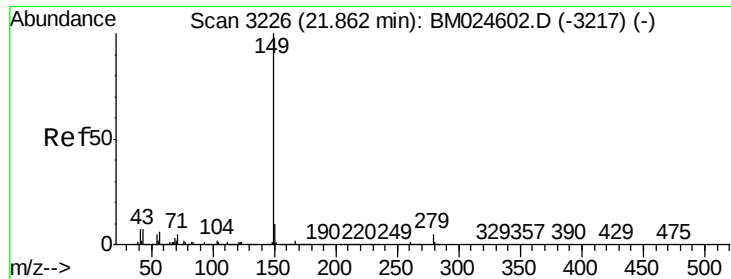
mohammad
 2/3/2020 7:55:29 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.062 ng
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.5	33.7
279	5.8	4.0	6.0





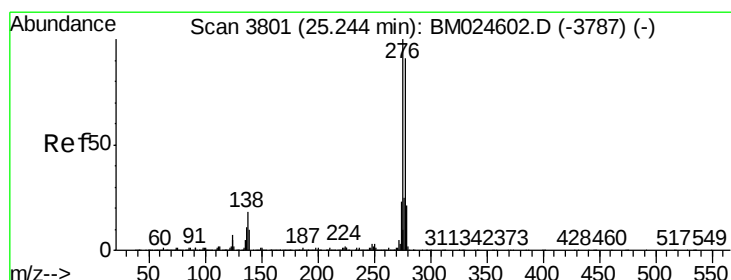
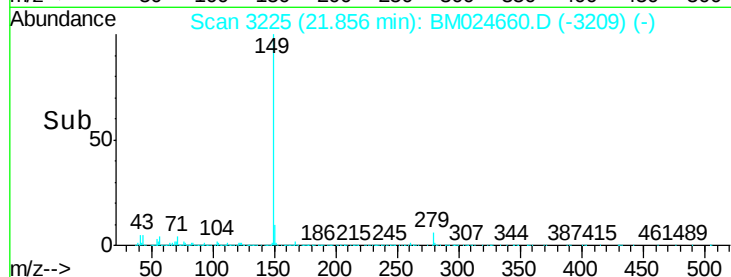
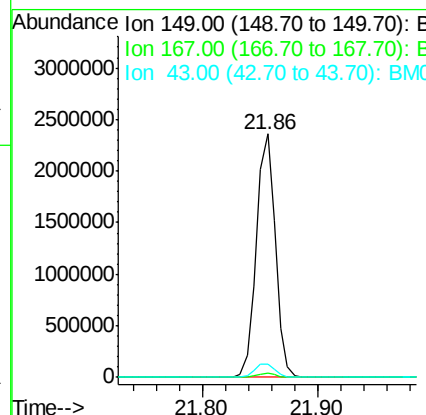
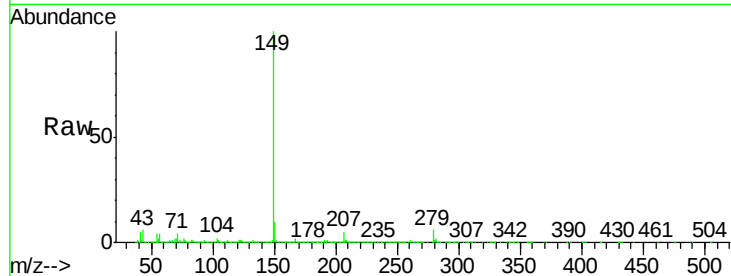
#85
Di-n-octyl phthalate
Concen: 41.891 ng
RT: 21.86 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.6	5.8	8.6

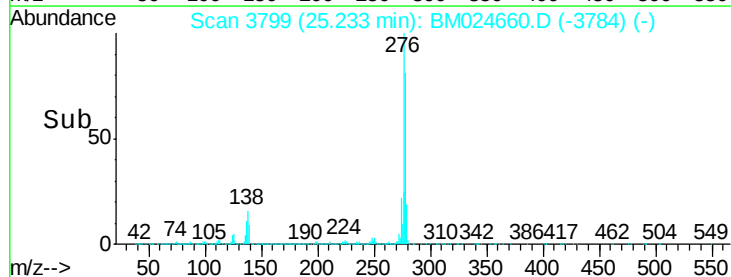
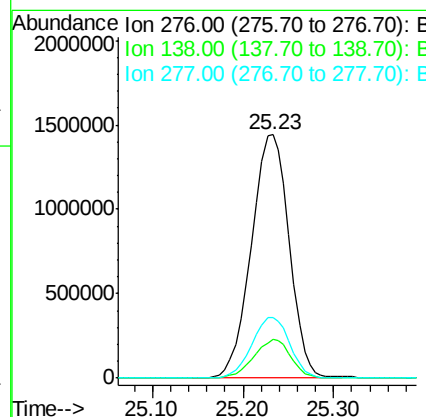
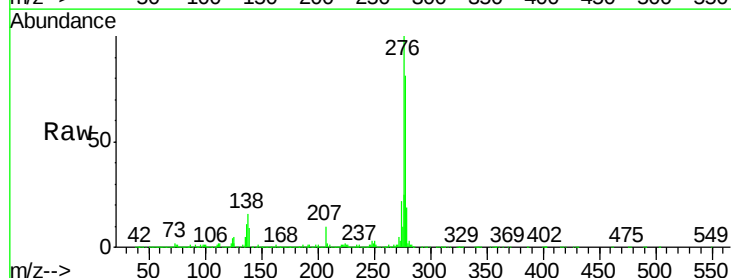
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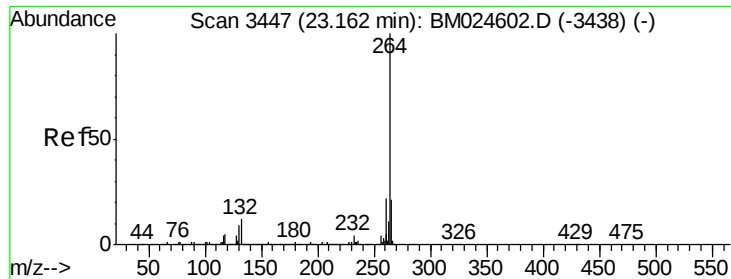
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 60.713 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.4	20.0
277	25.1	19.6	29.4





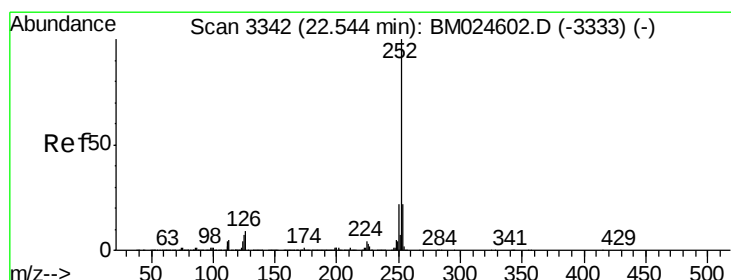
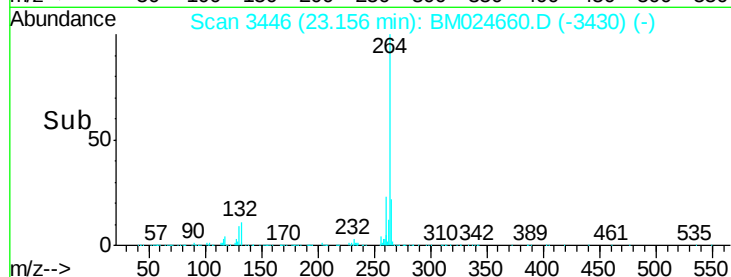
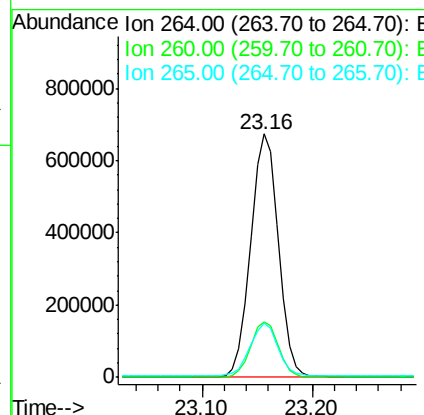
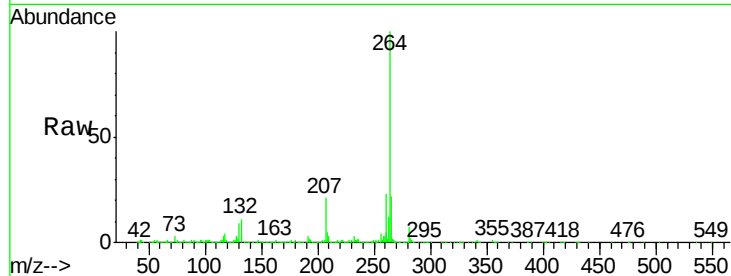
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion:264 Resp: 1191825
Ion Ratio Lower Upper
264 100
260 22.8 17.9 26.9
265 22.4 17.3 25.9

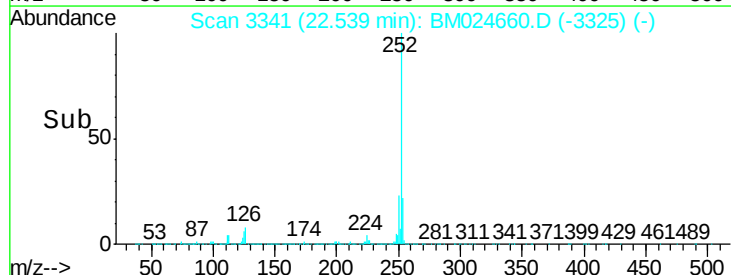
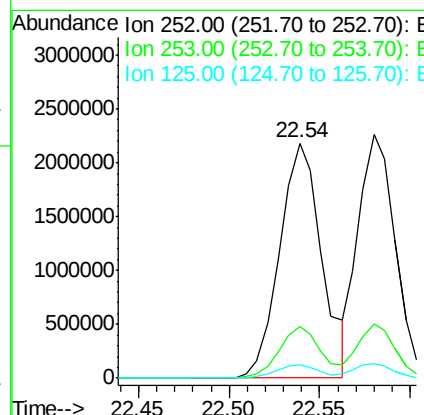
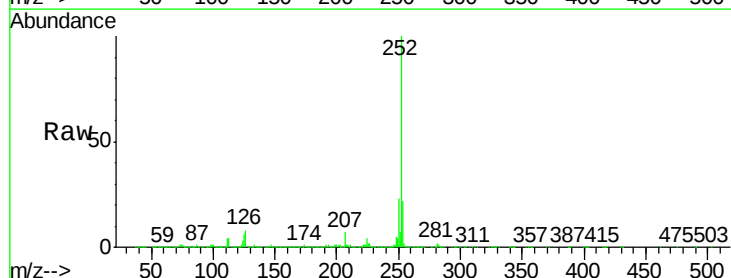
Manual Integrations
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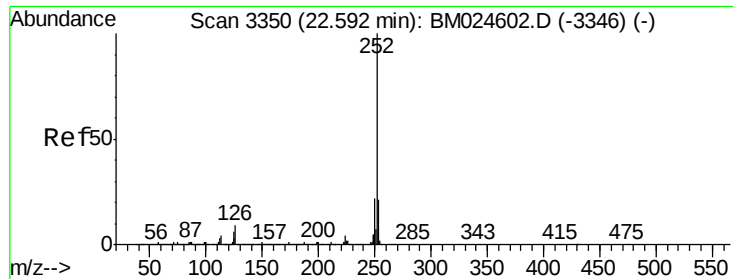
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.668 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:252 Resp: 3530127
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 5.8 5.7 8.5





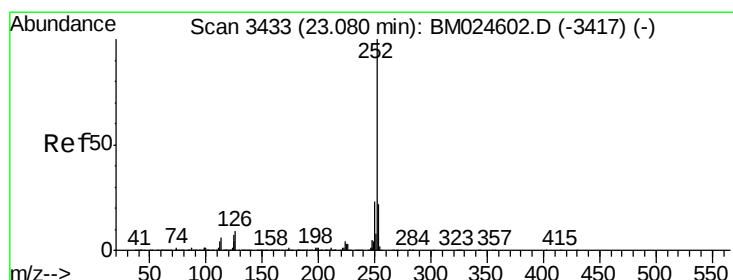
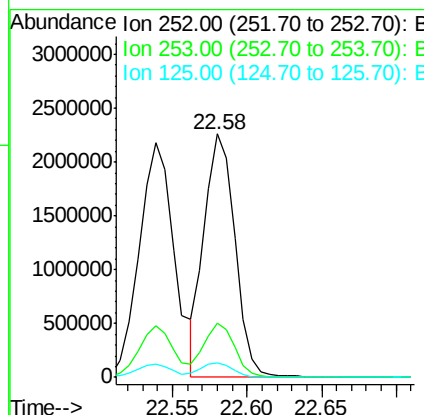
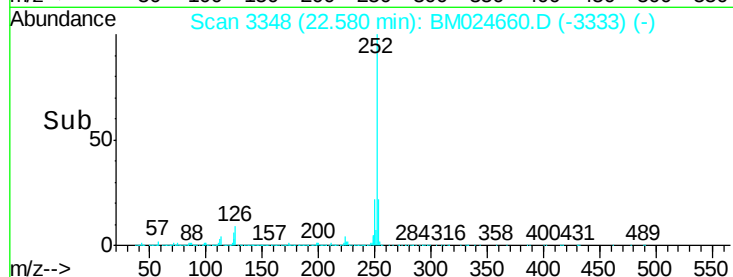
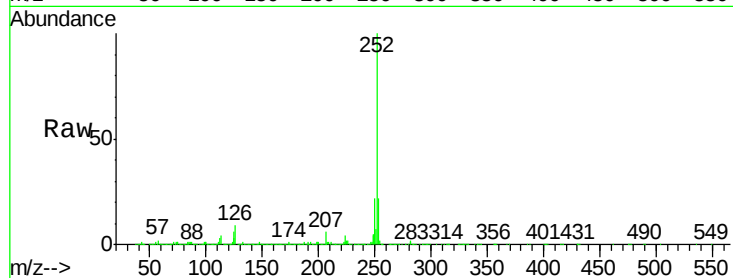
#89
Benzo(k)fluoranthene
Concen: 42.641 ng
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion:252 Resp: 3217283
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 6.2 5.2 7.8

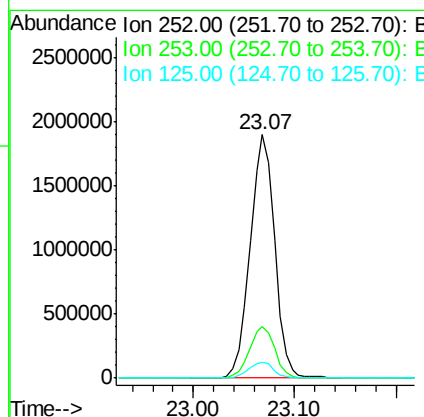
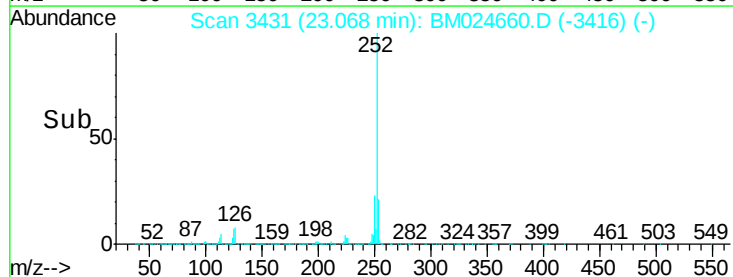
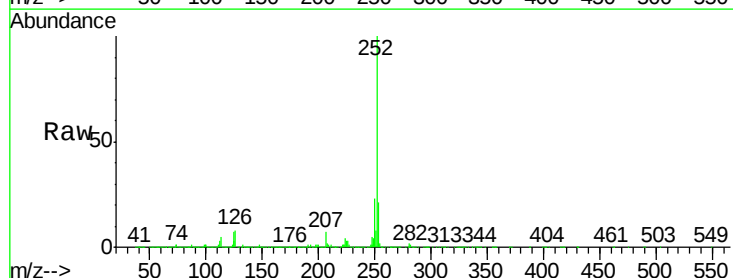
Manual Integrations
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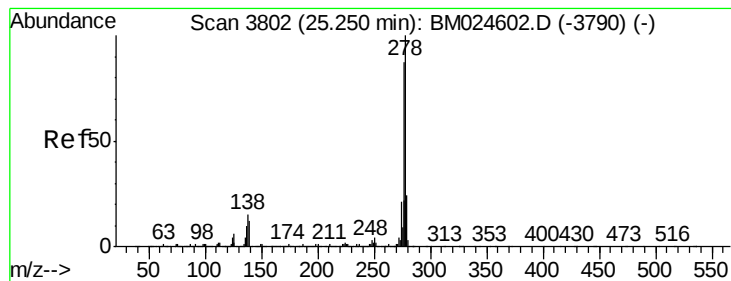
mohammad
2/3/2020 7:55:29 AM



#90
Benzo(a)pyrene
Concen: 45.335 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:252 Resp: 3186087
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 6.6 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 53.106 ng

RT: 25.24 min Scan# 3801

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:278 Resp: 3542343

Ion Ratio Lower Upper

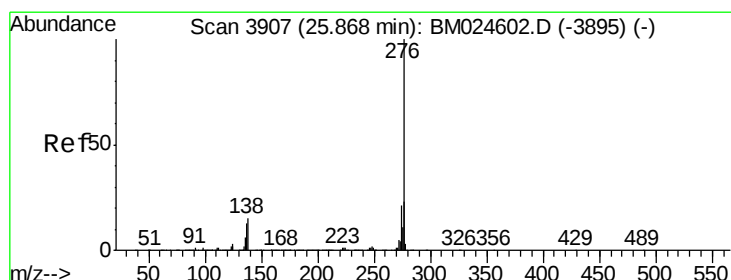
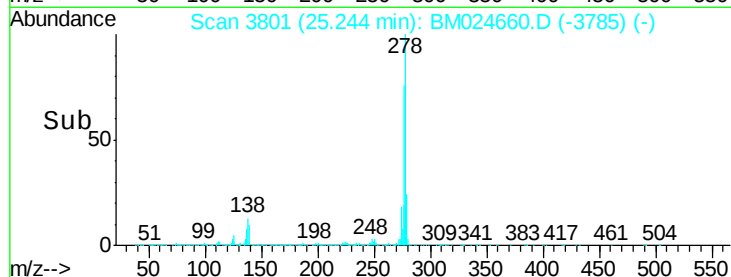
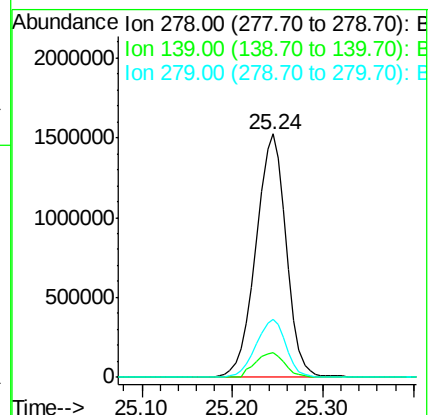
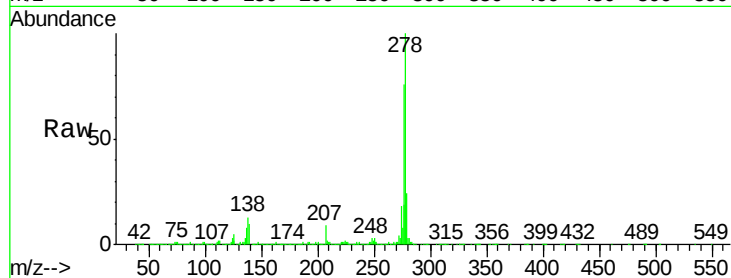
278 100

139 10.1 9.3 13.9

279 23.7 18.9 28.3

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:29 AM



#92

Benzo(g,h,i)perylene

Concen: 58.012 ng

RT: 25.86 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:276 Resp: 3513671

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 13.4 11.9 17.9

