

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024650.D
 Acq On : 29 Jan 2020 15:05
 Operator : CG/JU
 Sample : PB126427BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:55 AM

Quant Time: Jan 30 03:33:49 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	7.44	152	354566	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1323075	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	869205	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1739009	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1131252	20.00	ng	0.00
87) Perylene-d12	23.16	264	1129273	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2519393	135.13	ng	0.00
7) Phenol-d6	6.65	99	3135725	122.09	ng	0.00
23) Nitrobenzene-d5	8.59	82	1706944	63.27	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1680962	118.89	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4716996	73.78	ng	0.00
79) Terphenyl-d14	19.50	244	5801417	95.74	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.09	88	248847	33.742	ng 91
3) Pyridine	3.46	79	620884	29.041	ng 96
4) n-Nitrosodimethylamine	3.37	42	290882	30.652	ng 85
6) Aniline	6.79	93	1069115	34.194	ng 96
8) 2-Chlorophenol	7.02	128	937155	44.155	ng 92
9) Benzaldehyde	6.59	77	428736	28.252	ng 92
10) Phenol	6.67	94	1047170	40.902	ng 95
11) bis(2-Chloroethyl)ether	6.89	93	784967	38.300	ng 95
12) 1,3-Dichlorobenzene	7.33	146	1042027	39.964	ng 96
13) 1,4-Dichlorobenzene	7.47	146	1059853	40.068	ng 99
14) 1,2-Dichlorobenzene	7.79	146	1004307	39.334	ng 98
15) Benzyl Alcohol	7.69	79	769093	36.320	ng 95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	589321	31.409	ng 97
17) 2-Methylphenol	7.90	107	743366	41.203	ng 94
18) Hexachloroethane	8.50	117	369727	36.197	ng 96
19) n-Nitroso-di-n-propylamine	8.26	70	611151	31.693	ng 94
20) 3+4-Methylphenols	8.23	107	997226	39.930	ng 96
22) Acetophenone	8.26	105	1252807	36.722	ng 96
24) Nitrobenzene	8.63	77	954688	36.927	ng 94
25) Isophorone	9.16	82	1678609	36.618	ng 97
26) 2-Nitrophenol	9.33	139	542773	45.339	ng 89
27) 2,4-Dimethylphenol	9.41	122	840384	51.659	ng 95
28) bis(2-Chloroethoxy)methane	9.64	93	1054369	37.652	ng 99
29) 2,4-Dichlorophenol	9.86	162	1004944	45.724	ng 97
30) 1,2,4-Trichlorobenzene	10.07	180	1123349	42.379	ng 99
31) Naphthalene	10.25	128	2715254	40.632	ng 100
32) Benzoic acid	9.58	122	552175m	37.105	ng
33) 4-Chloroaniline	10.36	127	439977	15.021	ng 97
34) Hexachlorobutadiene	10.55	225	741567	40.470	ng 99
35) Caprolactam	11.16	113	257591m	36.531	ng
36) 4-Chloro-3-methylphenol	11.52	107	892496	38.189	ng 93
37) 2-Methylnaphthalene	11.87	142	2110018	40.916	ng 98
38) 1-Methylnaphthalene	12.10	142	1977544	40.313	ng 100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1284892	41.419	ng 99

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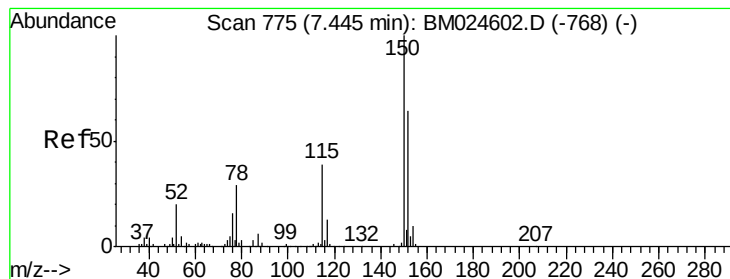
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1897816	109.143	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	865629	43.849	ng	98
44) 2,4,5-Trichlorophenol	12.58	196	907553	45.015	ng	96
46) 1,1'-Biphenyl	12.92	154	2722492	41.388	ng	98
47) 2-Chloronaphthalene	12.95	162	2178539	41.024	ng	96
48) 2-Nitroaniline	13.16	65	488866	30.184	ng	# 82
49) Acenaphthylene	13.81	152	3332659	41.922	ng	99
50) Dimethylphthalate	13.57	163	2667771	37.956	ng	99
51) 2,6-Dinitrotoluene	13.67	165	602949	40.349	ng	# 83
52) Acenaphthene	14.16	154	1973429	40.004	ng	99
53) 3-Nitroaniline	14.00	138	341001	22.002	ng	96
54) 2,4-Dinitrophenol	14.21	184	487074	54.507	ng	# 87
55) Dibenzofuran	14.50	168	3240175	40.275	ng	96
56) 4-Nitrophenol	14.34	139	858823	70.888	ng	85
57) 2,4-Dinitrotoluene	14.47	165	784413	36.627	ng	# 87
58) Fluorene	15.15	166	2561198	37.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	810570	39.646	ng	94
60) Diethylphthalate	14.95	149	2520469	35.322	ng	98
61) 4-Chlorophenyl-phenylether	15.16	204	1470167	37.717	ng	96
62) 4-Nitroaniline	15.17	138	482330	28.193	ng	91
63) Azobenzene	15.44	77	1966015	32.301	ng	95
65) 4,6-Dinitro-2-methylphenol	15.24	198	394591	38.591	ng	86
66) n-Nitrosodiphenylamine	15.37	169	2237878	44.800	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	963133	44.536	ng	94
68) Hexachlorobenzene	16.16	284	1077805	43.430	ng	98
69) Atrazine	16.34	200	832500	43.417	ng	99
70) Pentachlorophenol	16.50	266	1192707	78.901	ng	99
71) Phenanthrene	16.89	178	3775846	40.096	ng	99
72) Anthracene	16.97	178	3863877	41.933	ng	100
73) Carbazole	17.25	167	3108882	37.063	ng	99
74) Di-n-butylphthalate	17.84	149	3821876	35.640	ng	99
75) Fluoranthene	18.91	202	4042425	34.394	ng	99
77) Benzidine	19.10	184	2188550	83.072	ng	99
78) Pyrene	19.27	202	3951917	52.992	ng	100
80) Butylbenzylphthalate	20.21	149	1325875	42.369	ng	94
81) Benzo(a)anthracene	21.03	228	3209988	40.884	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	850262	30.104	ng	98
83) Chrysene	21.09	228	3034101	40.498	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1757384	38.060	ng	# 97
85) Di-n-octyl phthalate	21.86	149	2644577	34.667	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3475910	42.567	ng	98
88) Benzo(b)fluoranthene	22.54	252	2909734	39.728	ng	98
89) Benzo(k)fluoranthene	22.59	252	2853771	39.918	ng	100
90) Benzo(a)pyrene	23.07	252	2614009	39.255	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	2935217	46.441	ng	98
92) Benzo(g,h,i)perylene	25.86	276	2983024	51.979	ng	99

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



#1

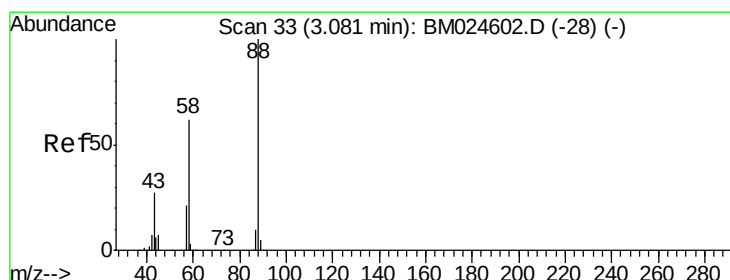
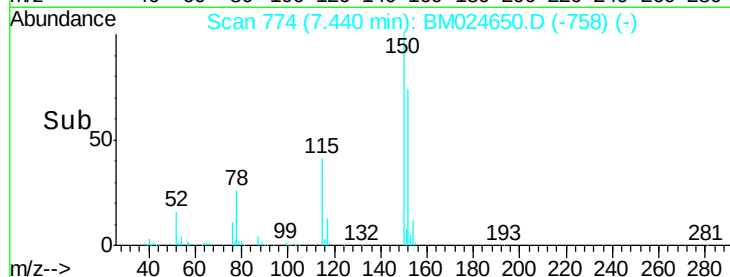
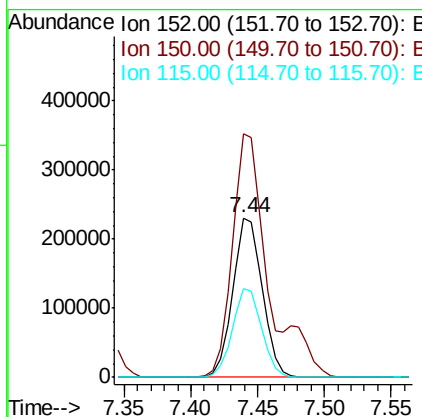
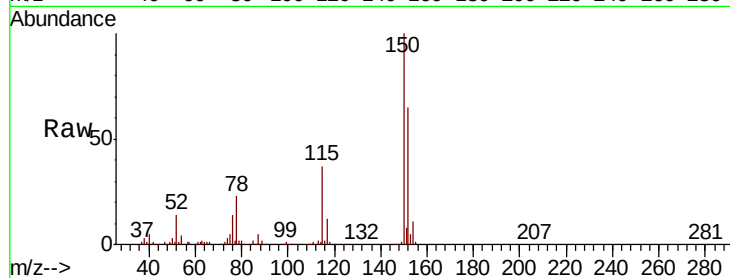
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.4
115	56.0	48.6	72.8

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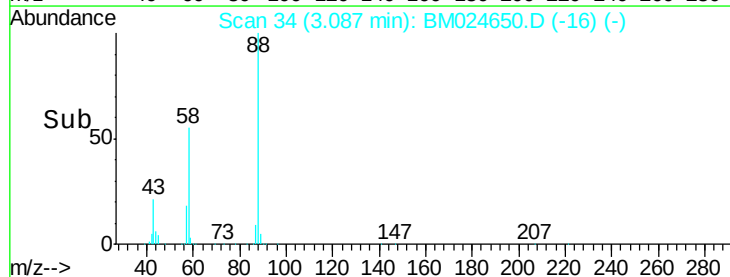
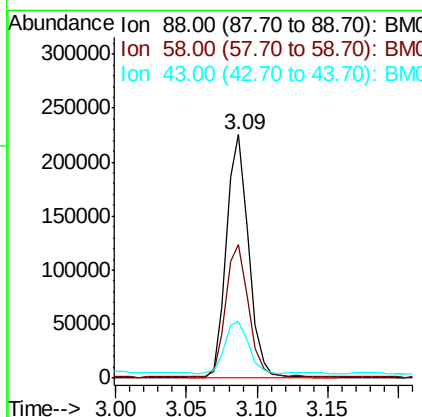
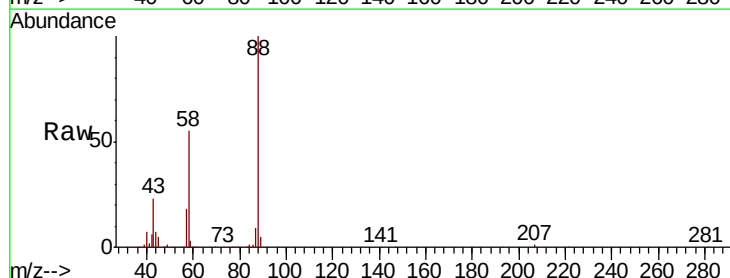
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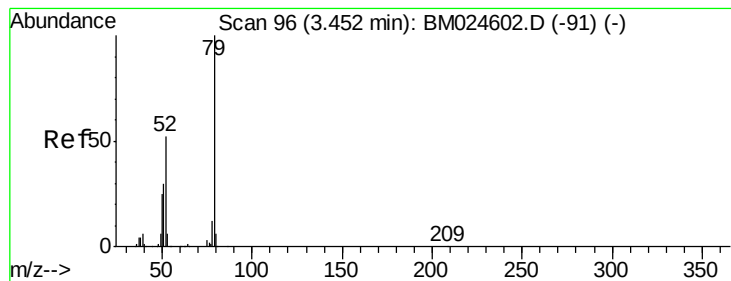


#2

1,4-Dioxane
Concen: 33.742 ng
RT: 3.09 min Scan# 34
Delta R.T. 0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	50.0	75.0
43	22.3	21.6	32.4





#3

Pvridine

Concen: 29.041 ng

RT: 3.46 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

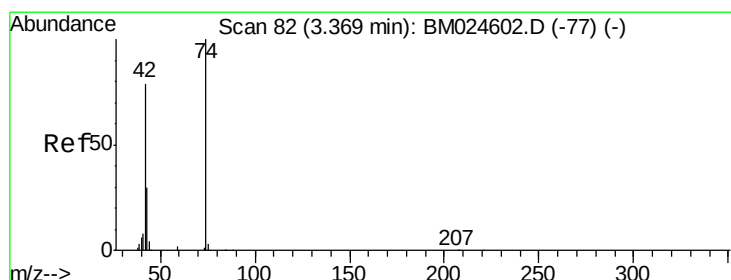
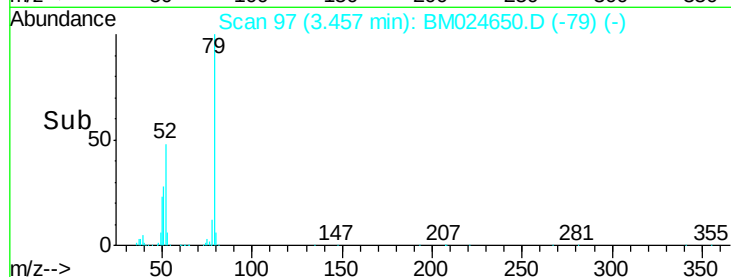
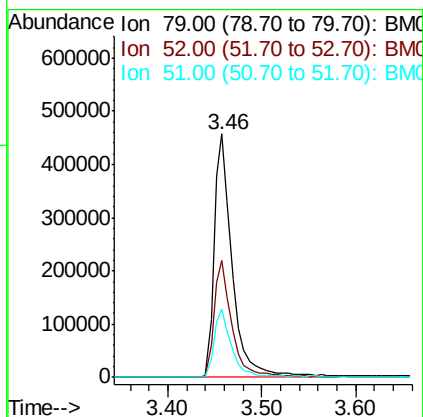
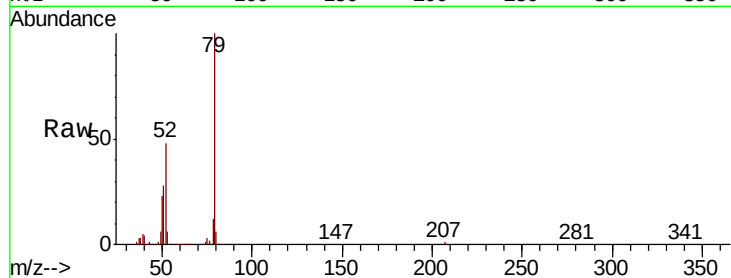
ClientSampleId :

PB126427BS

Tot Ion:	79	Resp:	620884
Ion Ratio	Lower	Upper	
79	100		
52	48.3	41.4	62.2
51	28.0	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 30.652 ng

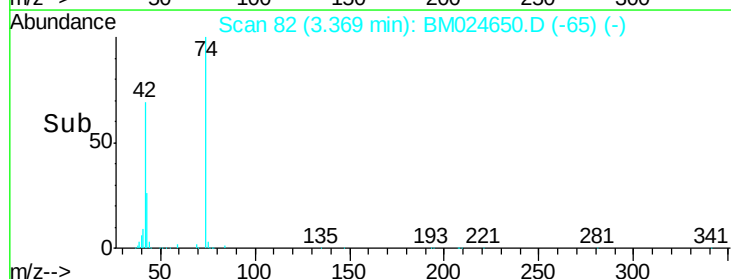
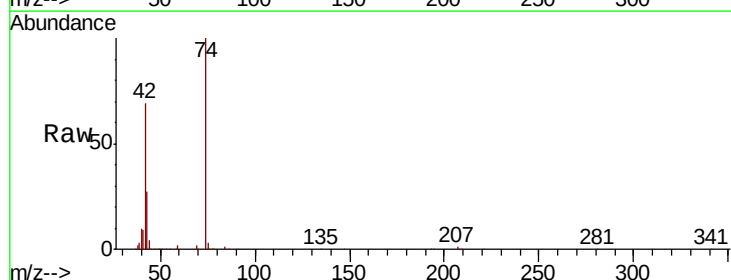
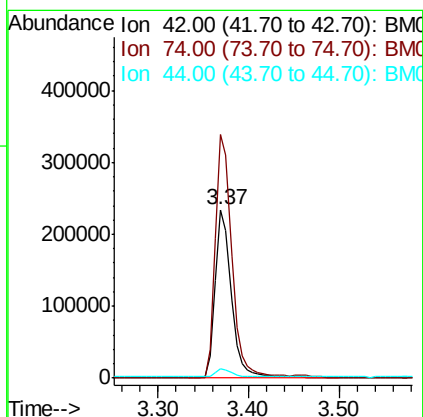
RT: 3.37 min Scan# 82

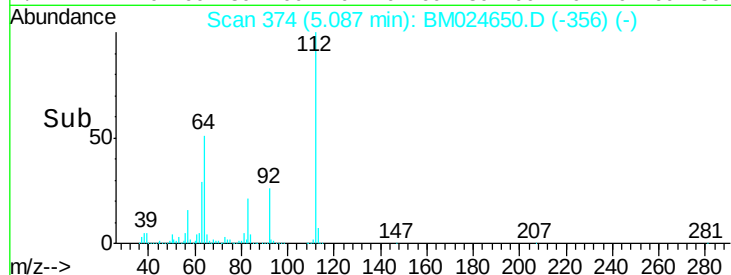
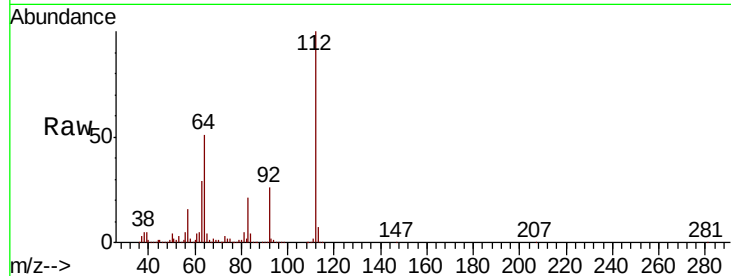
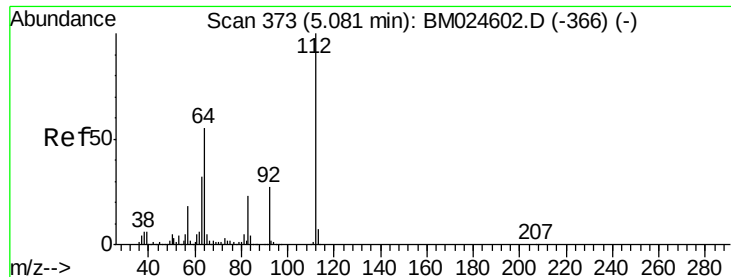
Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tgt Ion:	42	Resp:	290882
Ion Ratio	Lower	Upper	
42	100		
74	144.6	101.4	152.2
44	5.6	4.6	6.8





#5

2-Fluorophenol

Concen: 135.131 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tot Ion:	112	Resp:	2519393
Ion	Ratio	Lower	Upper
112	100		
64	51.1	44.2	66.4
63	28.6	25.9	38.9

Instrument :

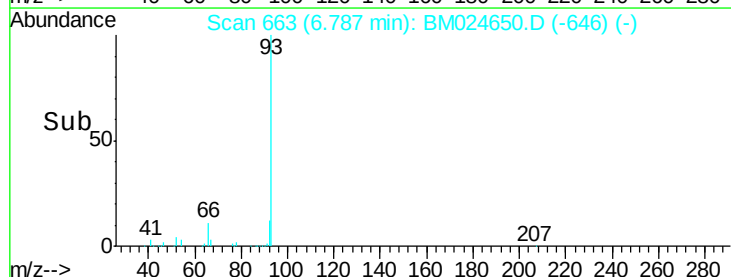
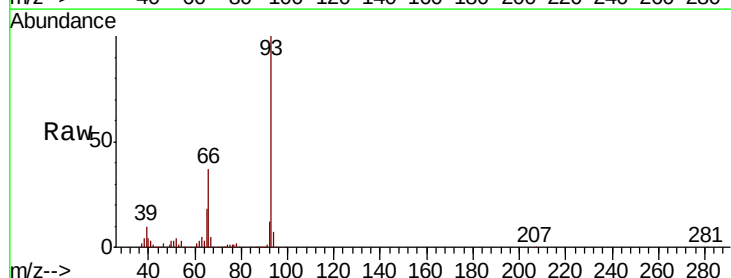
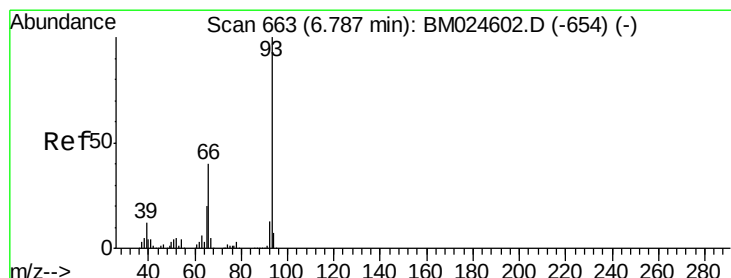
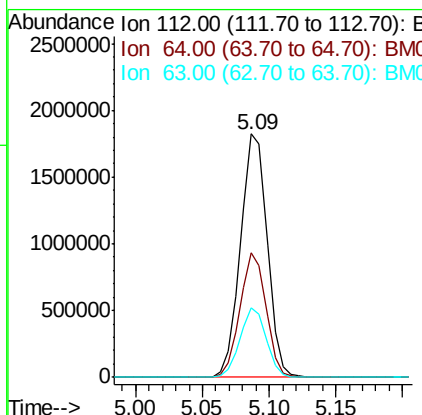
BNA_M

ClientSampleId :

PB126427BS

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#6

Aniline

Concen: 34.194 ng

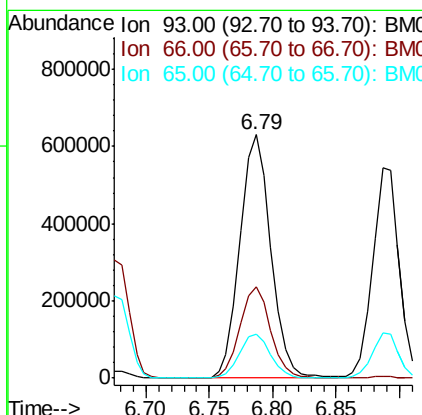
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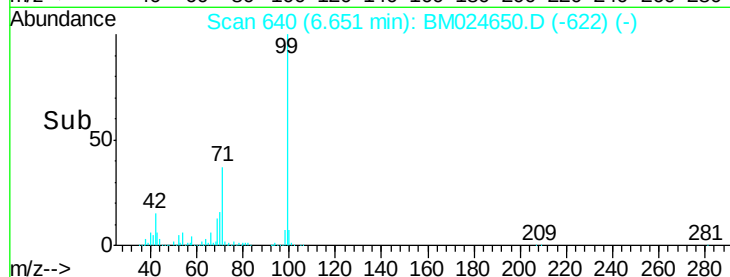
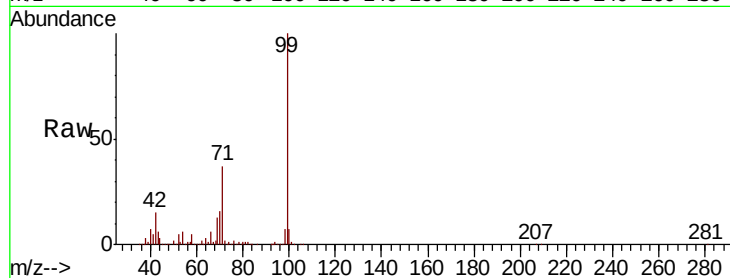
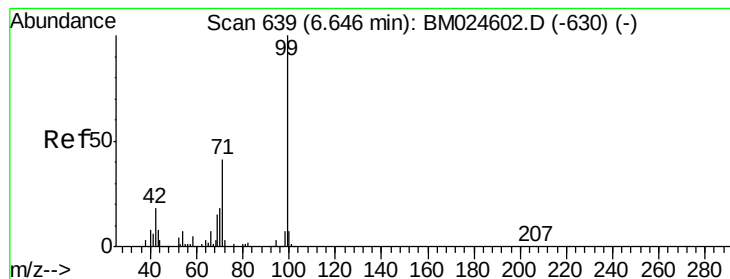
Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tgt Ion:	93	Resp:	1069115
Ion	Ratio	Lower	Upper
93	100		
66	37.5	31.8	47.8
65	18.1	15.8	23.6





#7

Phenol-d6

Concen: 122.091 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tot Ion: 99 Resp: 3135725

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 37.1 33.0 49.6

Instrument :

BNA_M

ClientSampled :

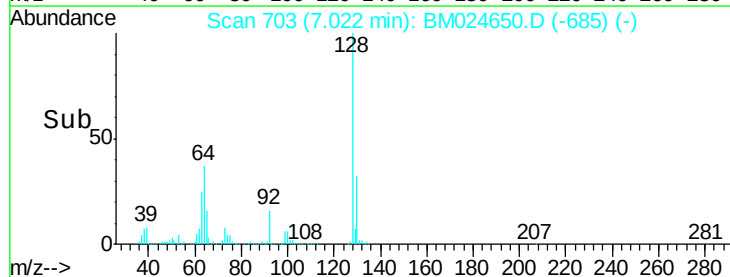
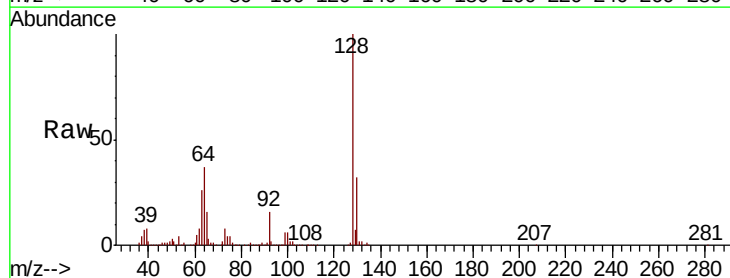
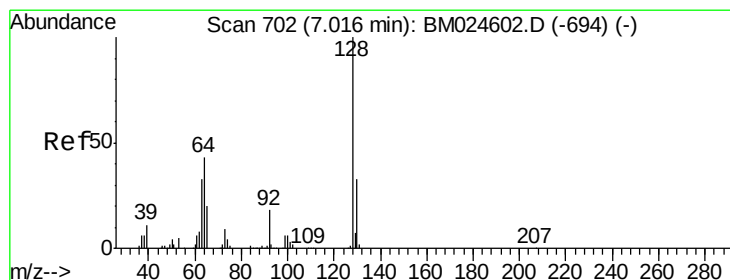
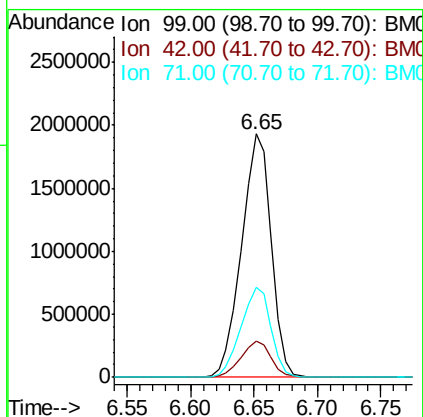
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#8

2-Chlorophenol

Concen: 44.155 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

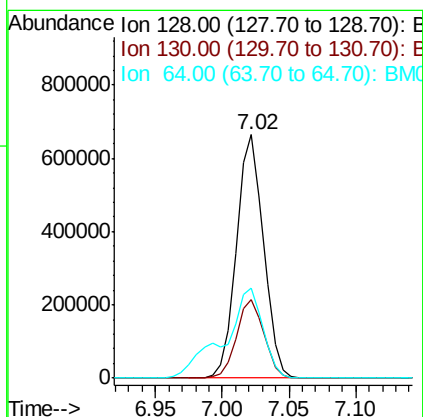
Tgt Ion: 128 Resp: 937155

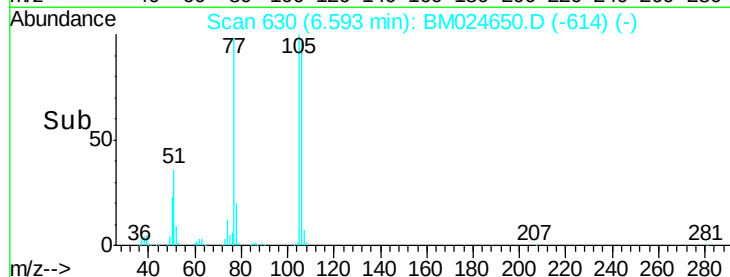
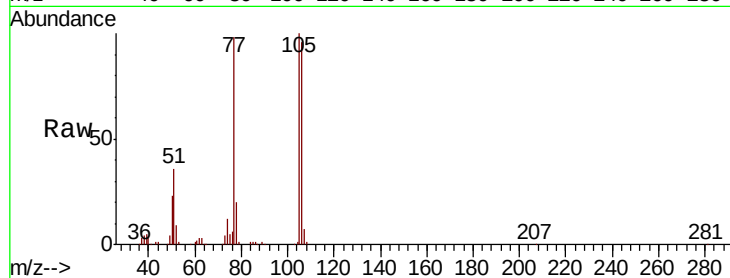
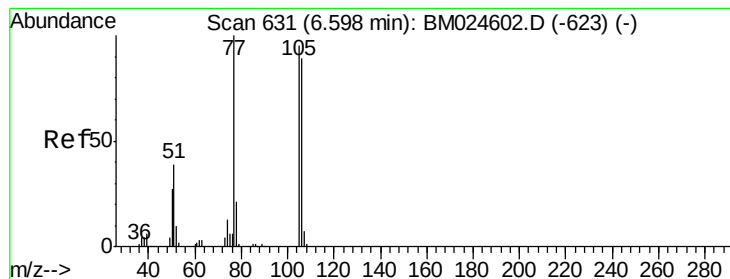
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 37.1 26.1 66.1





#9

Benzaldehyde

Concen: 28.252 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tot Ion:	77	Resp:	428736
Ion	Ratio	Lower	Upper
77	100		
105	102.1	75.2	115.2
106	97.9	68.6	108.6

Instrument :

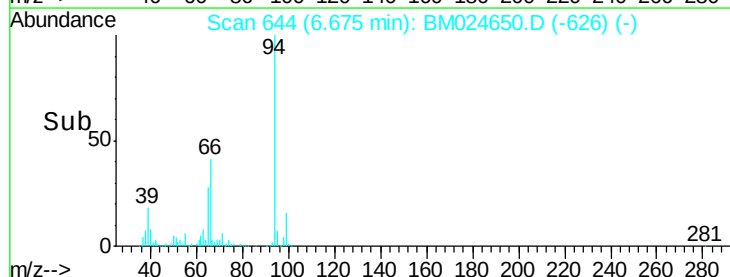
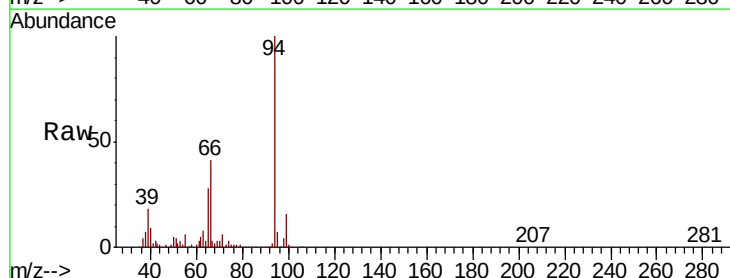
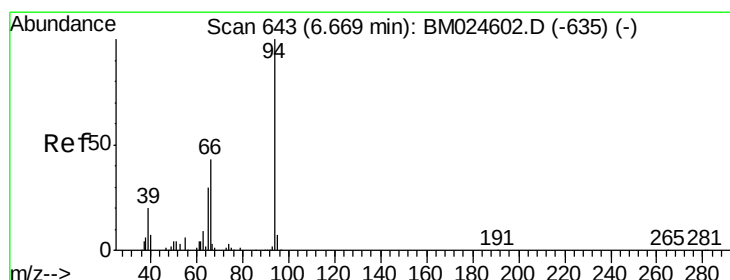
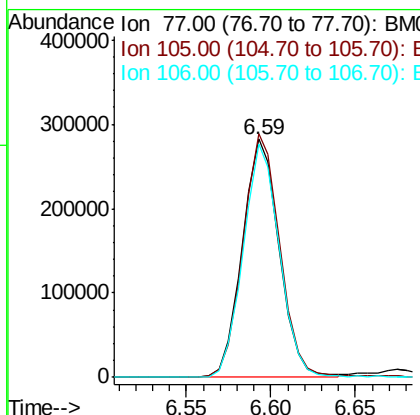
BNA_M

ClientSampleId :

PB126427BS

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#10

Phenol

Concen: 40.902 ng

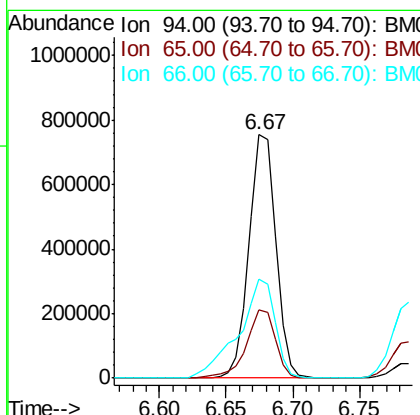
RT: 6.67 min Scan# 644

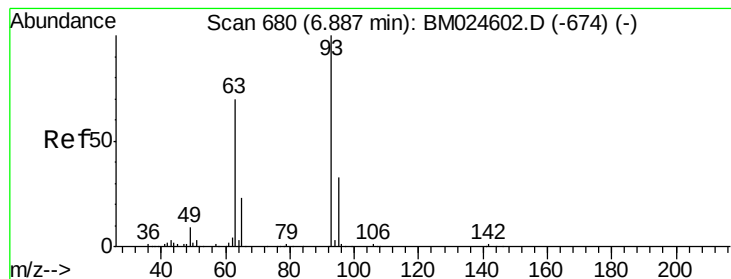
Delta R.T. 0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tgt Ion:	94	Resp:	1047170
Ion	Ratio	Lower	Upper
94	100		
65	28.1	10.3	50.3
66	40.7	24.8	64.8





#11

bis(2-Chloroethyl)ether

Concen: 38.300 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

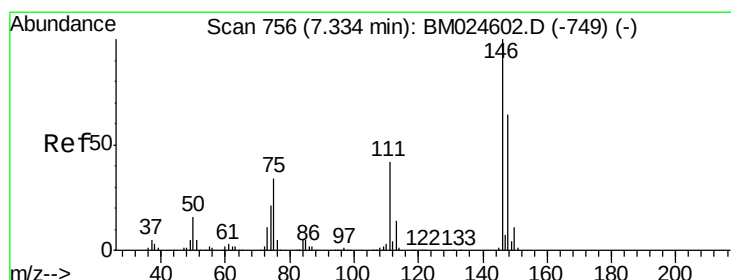
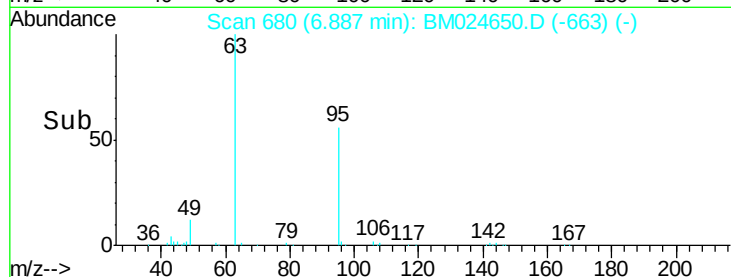
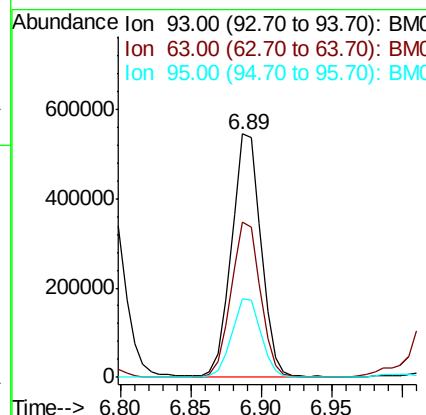
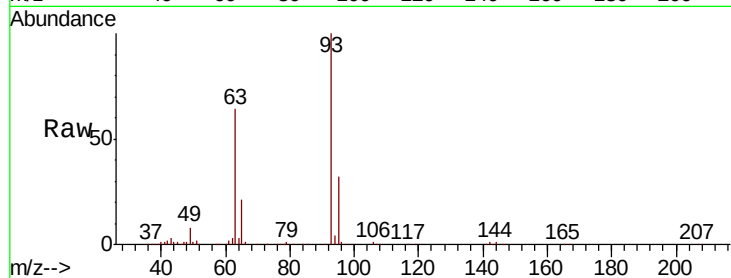
ClientSampleId :

PB126427BS

Tot Ion:	93	Resp:	784967
Ion	Ratio	Lower	Upper
93	100		
63	64.0	49.6	89.6
95	32.3	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 39.964 ng

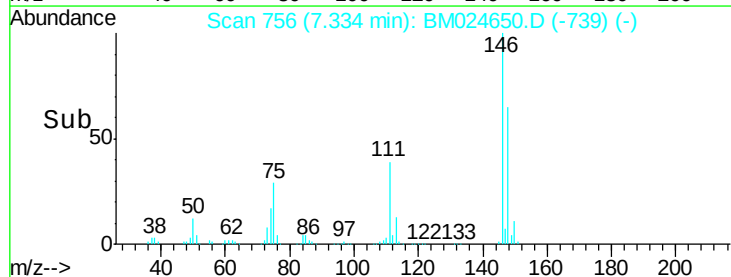
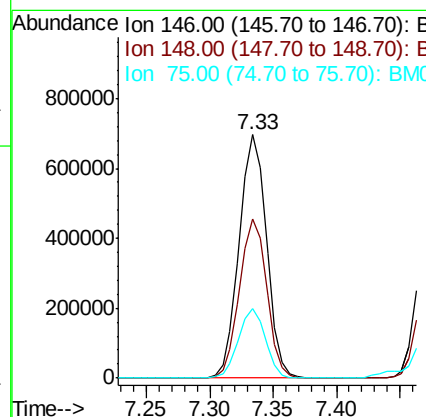
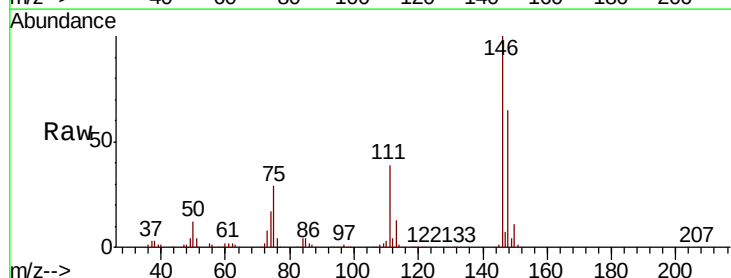
RT: 7.33 min Scan# 756

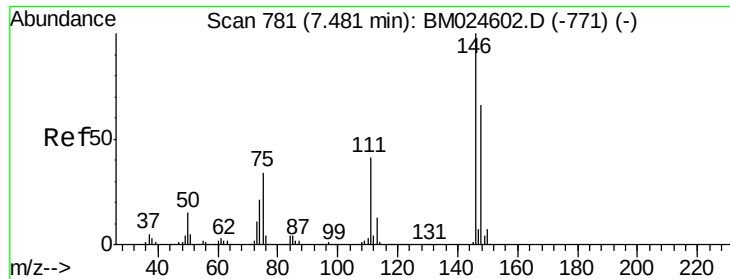
Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tgt Ion:	146	Resp:	1042027
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
75	28.6	27.0	40.4





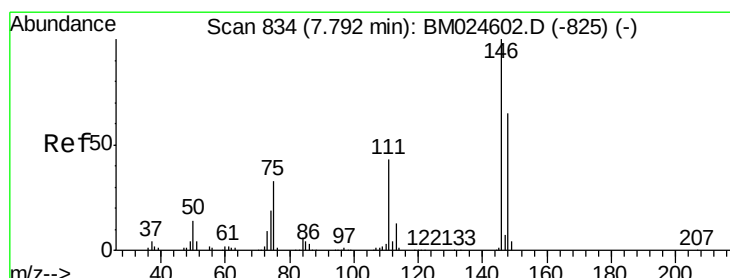
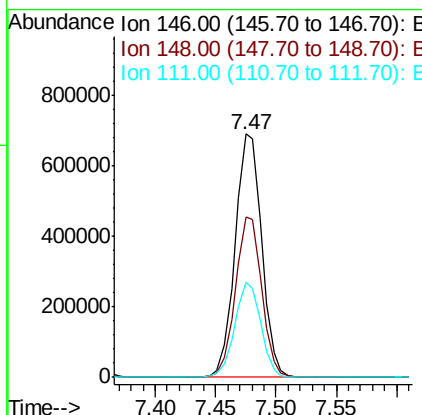
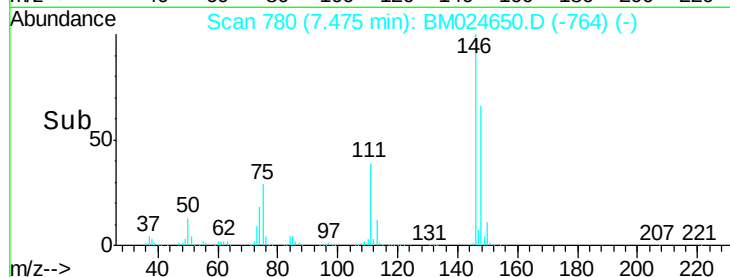
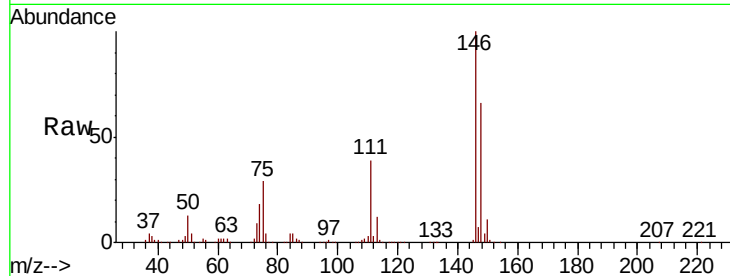
#13
1,4-Dichlorobenzene
Concen: 40.068 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion:146 Resp: 1059853
Ion Ratio Lower Upper
146 100
148 65.6 52.5 78.7
111 39.2 33.0 49.4

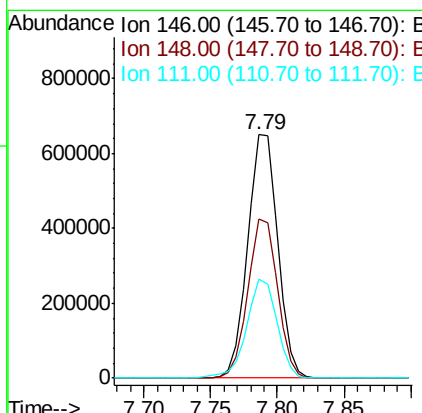
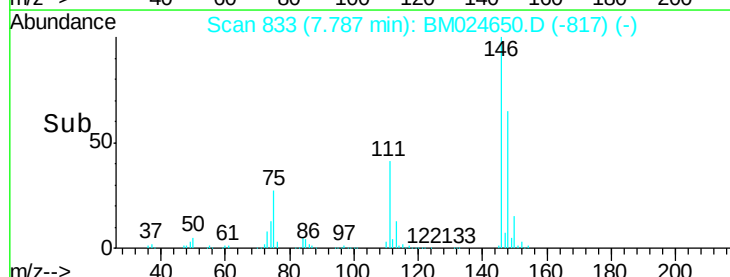
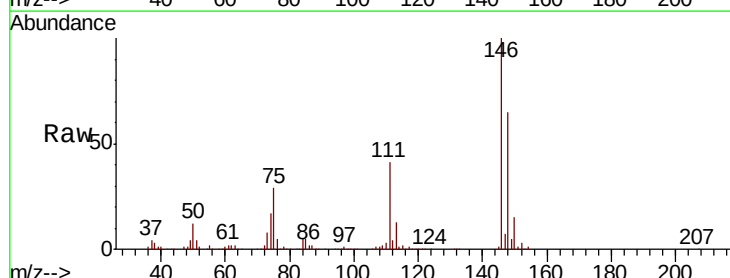
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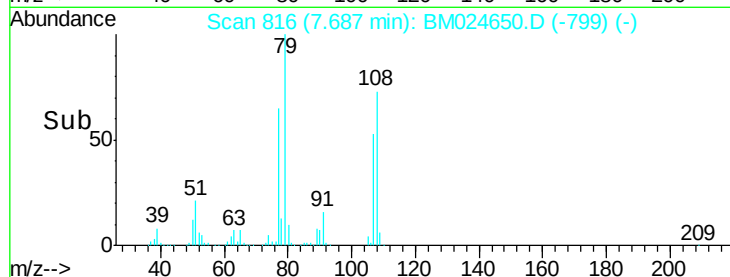
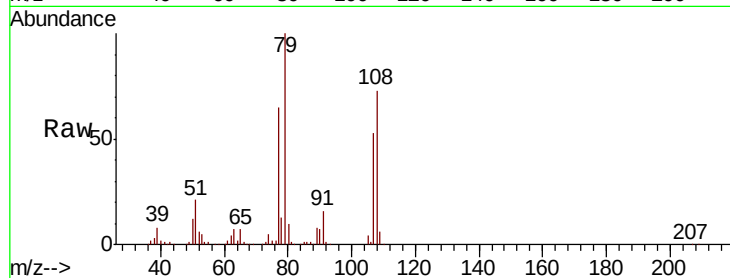
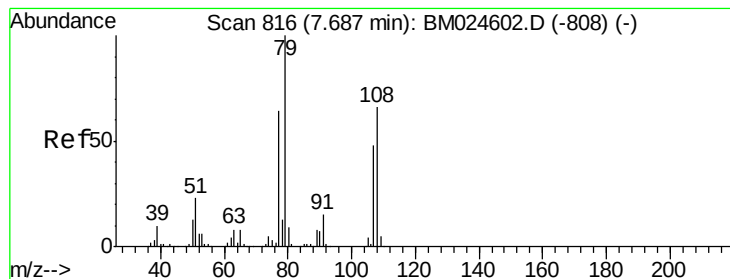
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.334 ng
RT: 7.79 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion:146 Resp: 1004307
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
111 40.7 34.5 51.7





#15

Benzyl Alcohol

Concen: 36.320 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tot Ion	79	Resp	769093
Ion Ratio	Lower	Upper	
79	100		
108	73.1	53.0	79.4
77	64.8	50.8	76.2

Instrument :

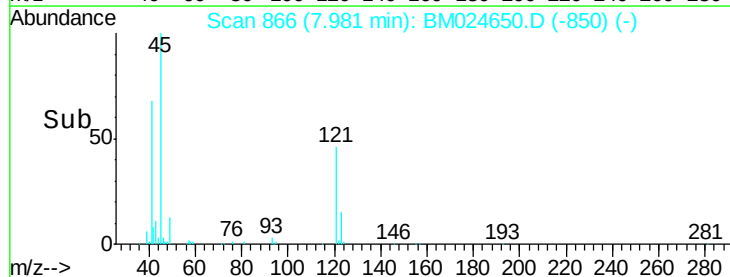
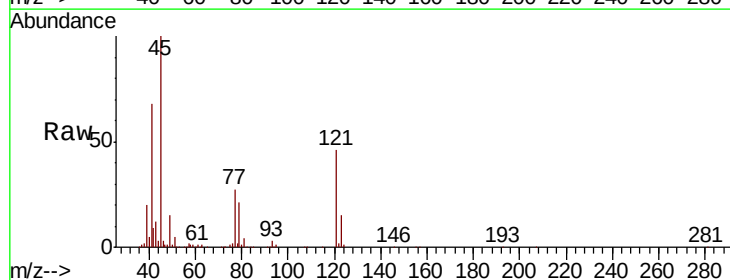
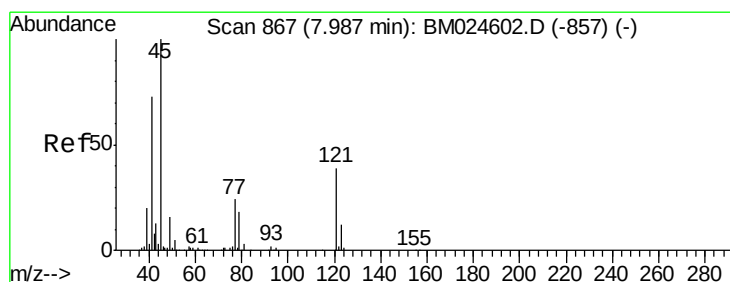
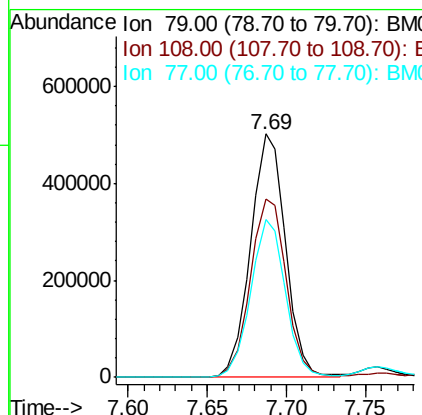
BNA_M

ClientSampleId :

PB126427BS

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.409 ng

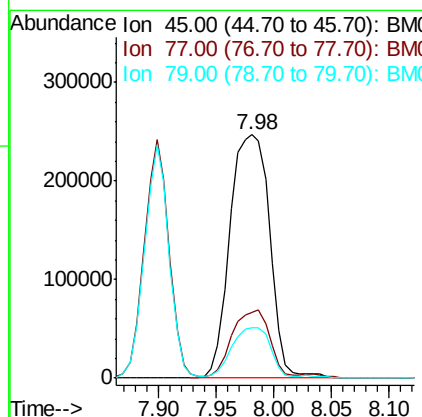
RT: 7.98 min Scan# 866

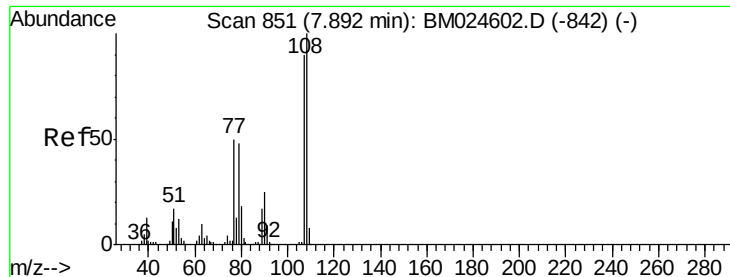
Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tgt Ion	45	Resp	589321
Ion Ratio	Lower	Upper	
45	100		
77	27.1	5.2	45.2
79	20.7	0.0	39.4





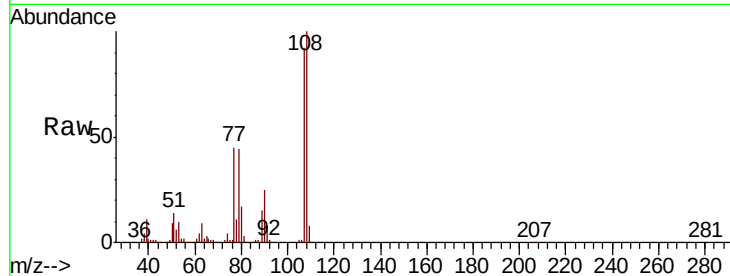
#17
2-Methylphenol
Concen: 41.203 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	88.9	133.3	
77	48.5	44.5	66.7	
79	47.5	42.9	64.3	

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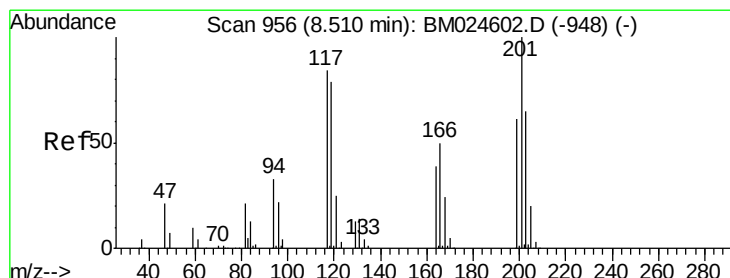
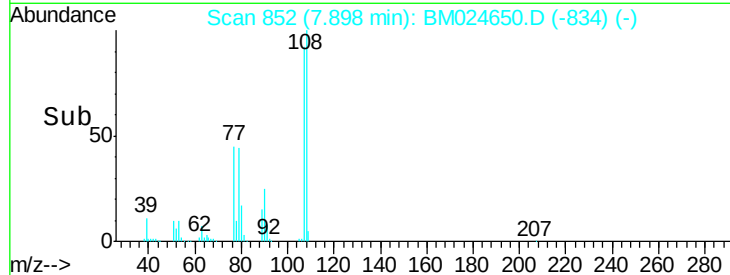
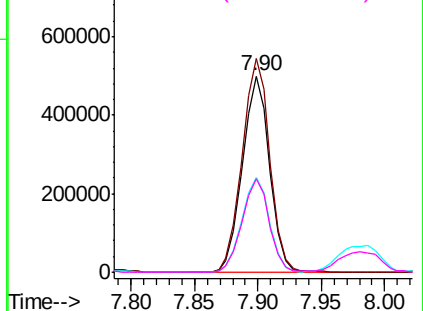
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

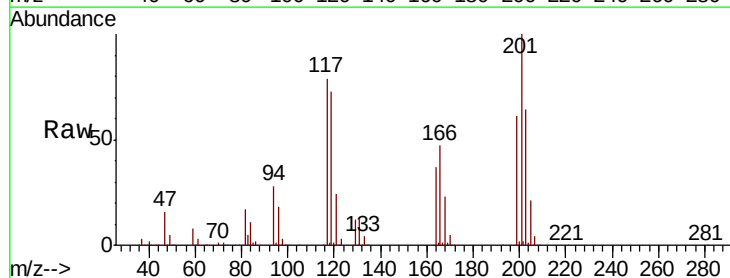
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 36.197 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	75.4	113.2	
201	126.4	95.8	143.6	

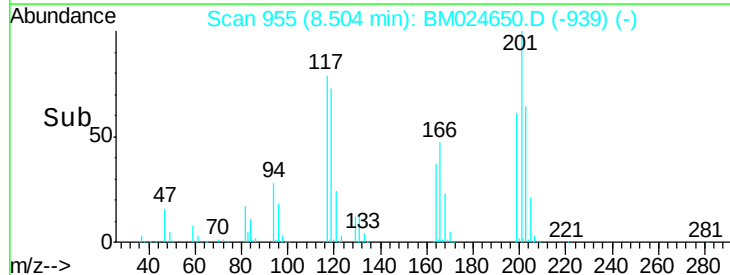
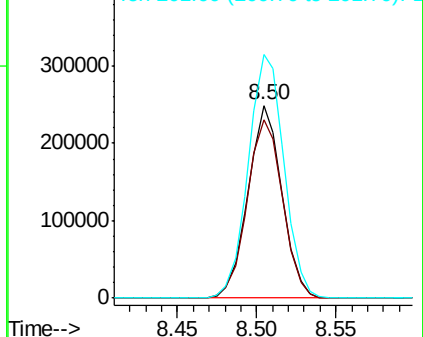


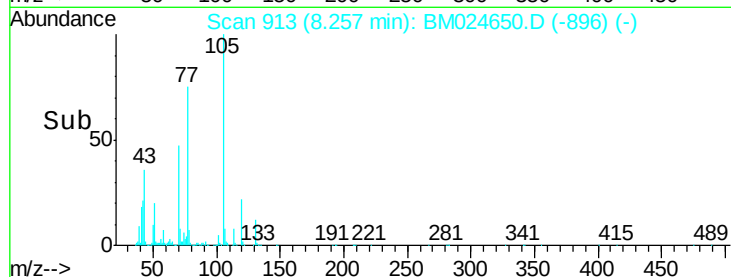
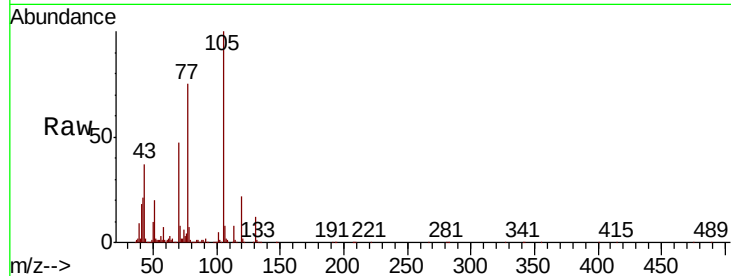
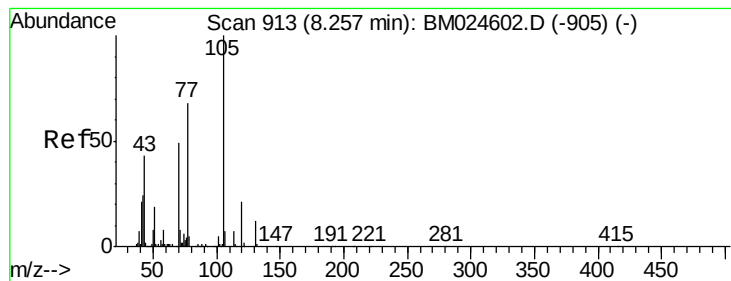
Abundance

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: 31.693 ng

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion: 70 Resp: 611151

Ion Ratio Lower Upper

70 100

42 44.2 40.0 60.0

101 10.9 8.2 12.2

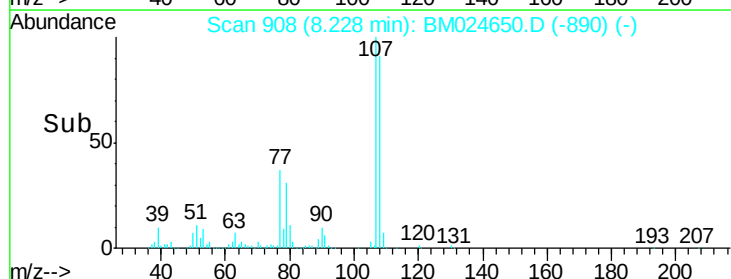
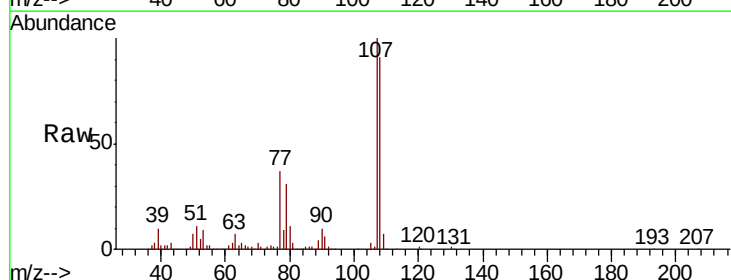
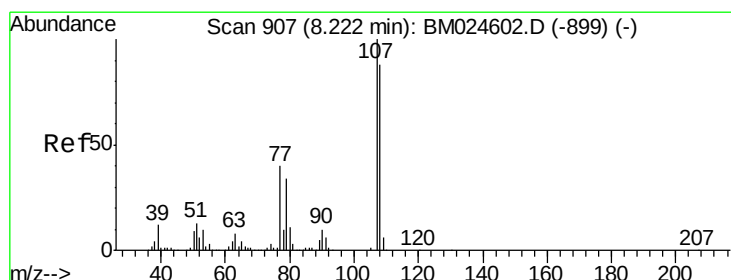
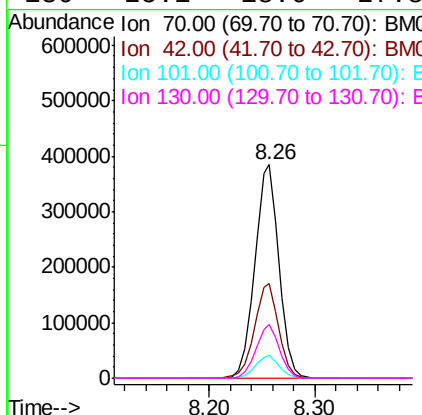
130 25.1 18.6 27.8

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#20

3+4-Methylphenols

Concen: 39.930 ng

RT: 8.23 min Scan# 908

Delta R.T. 0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tgt Ion: 107 Resp: 997226

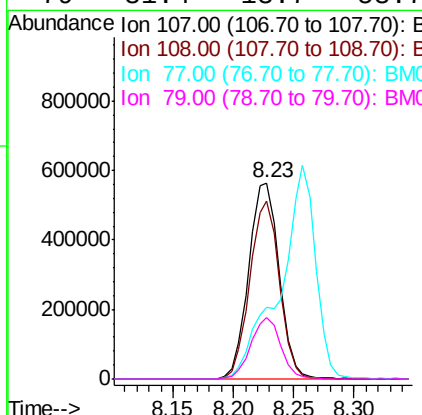
Ion Ratio Lower Upper

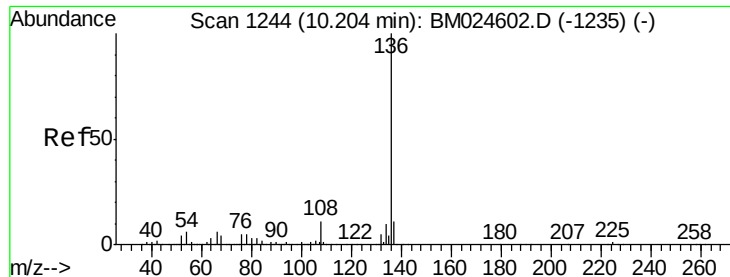
107 100

108 91.0 68.0 108.0

77 36.8 19.9 59.9

79 31.4 13.7 53.7





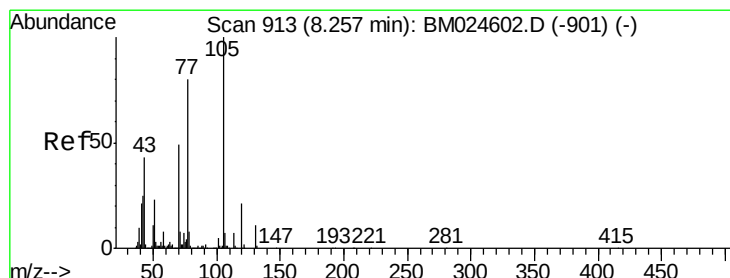
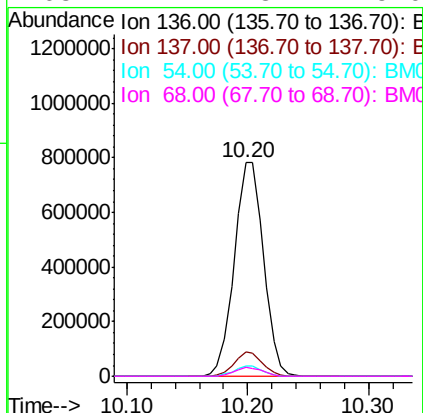
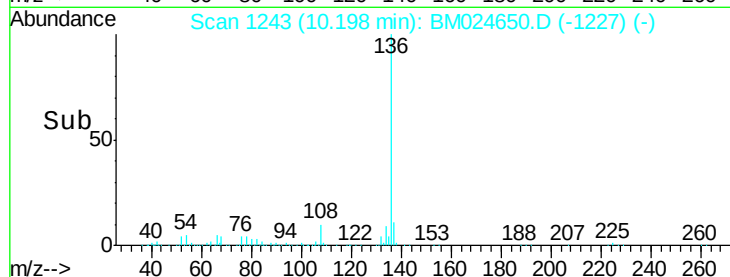
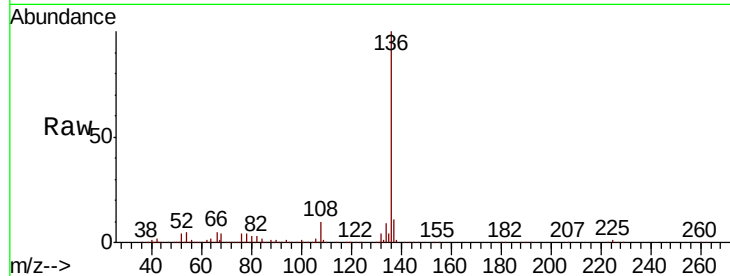
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	4.6	4.5	6.7
68	4.4	3.4	5.0

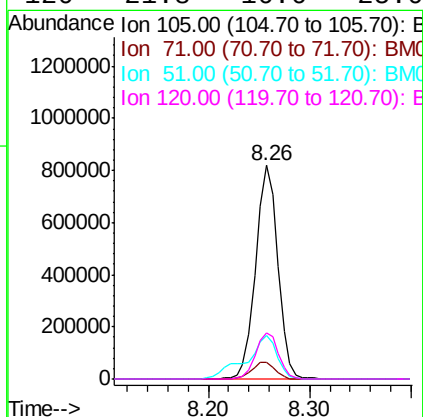
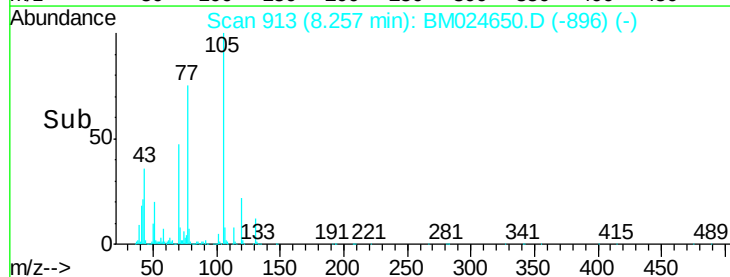
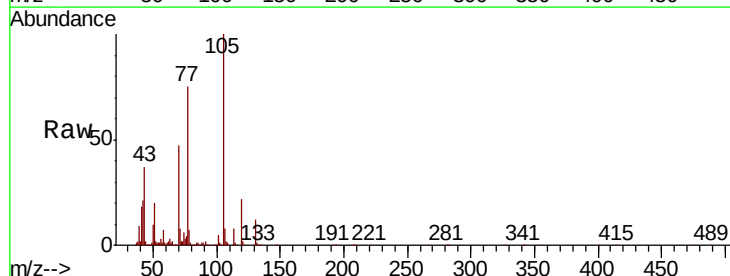
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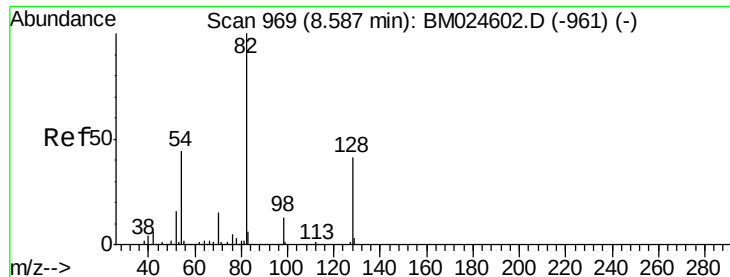
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#22
Acetophenone
Concen: 36.722 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.7	10.1
51	20.3	18.5	27.7
120	21.8	16.6	25.0





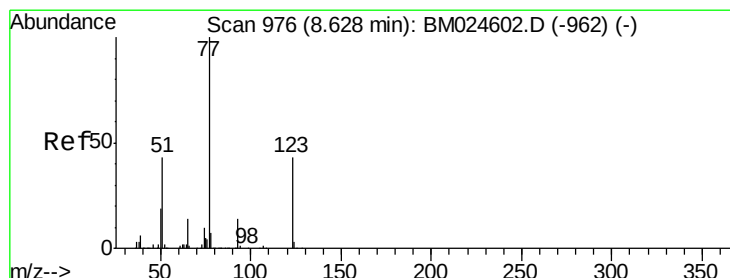
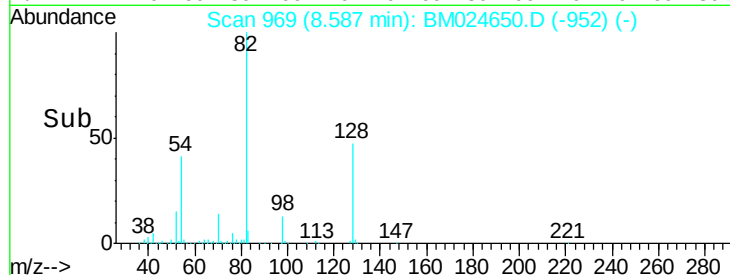
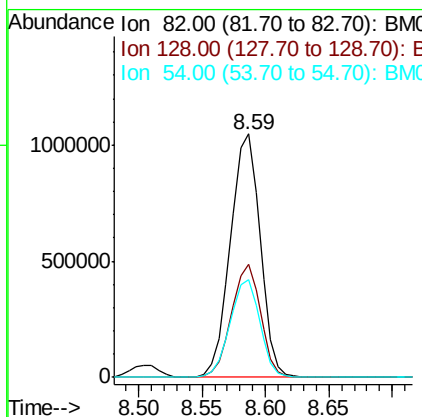
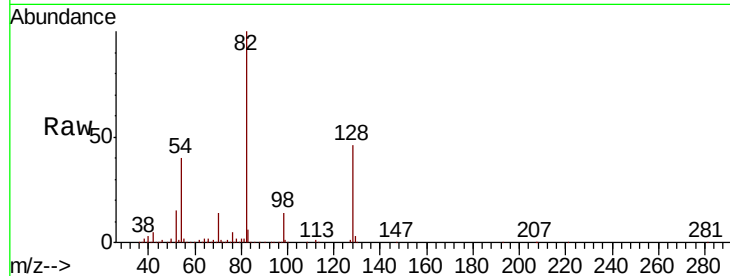
#23
 Nitrobenzene-d5
 Concen: 63.270 ng
 RT: 8.59 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Instrument :
 BNA_M
 ClientSampled :
 PB126427BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	32.6	48.8
54	40.1	34.8	52.2

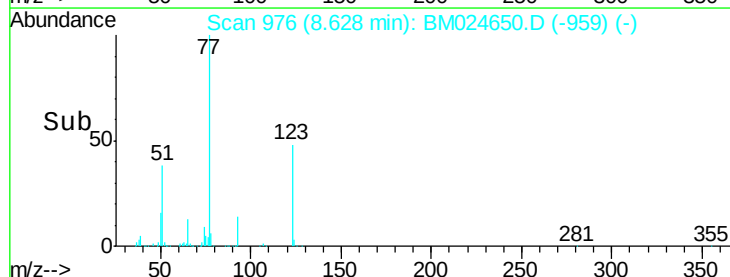
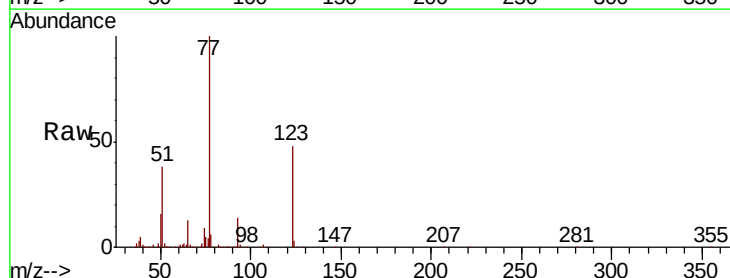
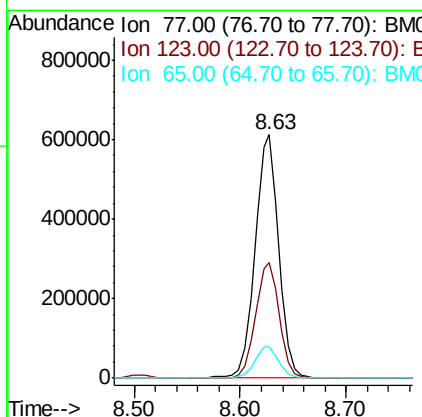
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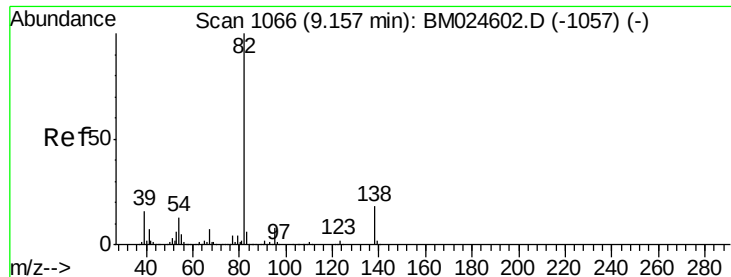
mohammad
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#24
 Nitrobenzene
 Concen: 36.927 ng
 RT: 8.63 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	34.6	52.0
65	12.9	11.0	16.4





#25

Isophorone

Concen: 36.618 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion: 82 Resp: 1678609

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

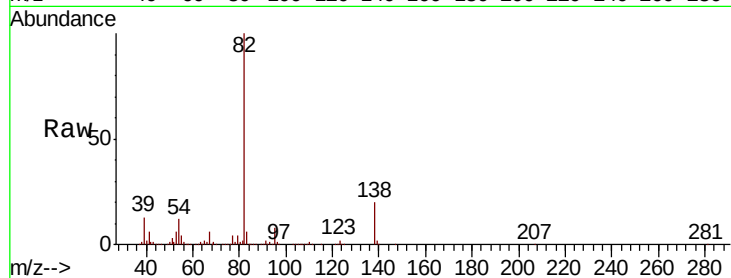
138 20.4 14.7 22.1

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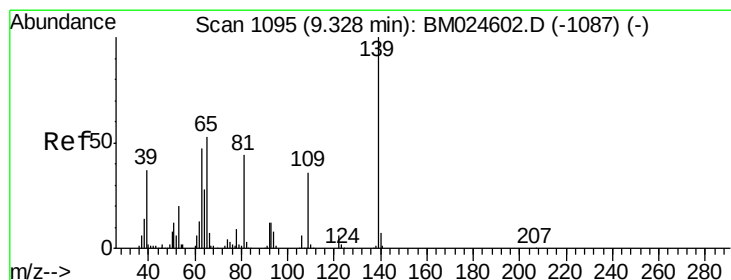
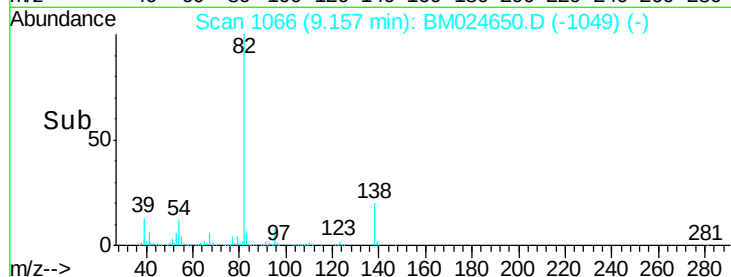
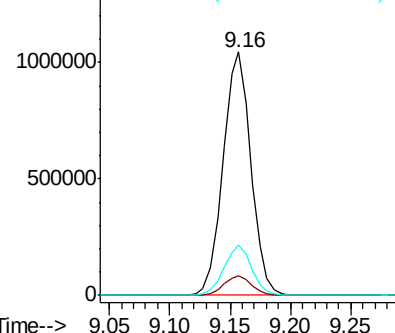
1/30/2020 10:18:55 AM



Abundance Ion 82.00 (81.70 to 82.70): BM024650.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024650.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024650.D (-1049) (-)



#26

2-Nitrophenol

Concen: 45.339 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

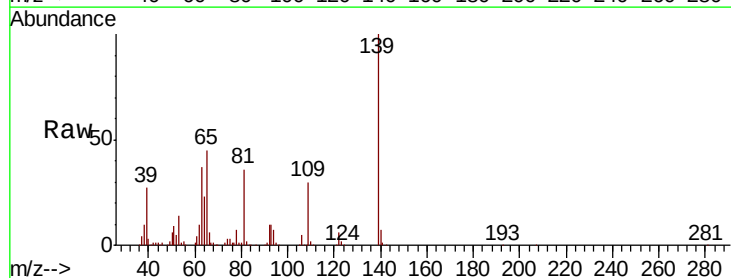
Tgt Ion: 139 Resp: 542773

Ion Ratio Lower Upper

139 100

109 30.4 28.8 43.2

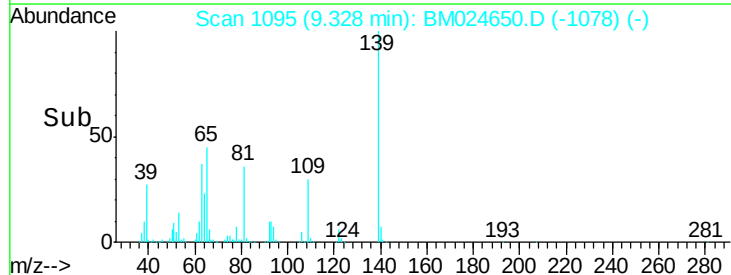
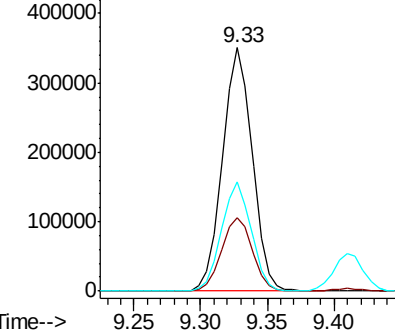
65 44.8 42.6 63.8

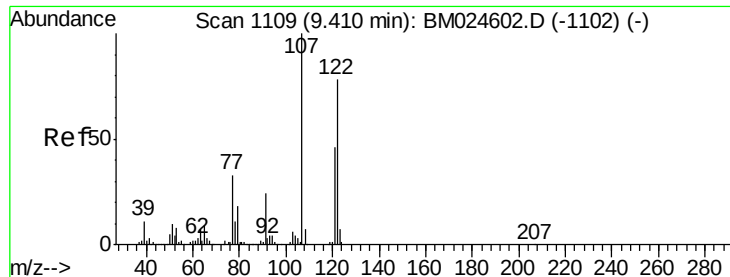


Abundance Ion 139.00 (138.70 to 139.70): BM024650.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024650.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024650.D (-1078) (-)





#27

2,4-Dimethylphenol

Concen: 51.659 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

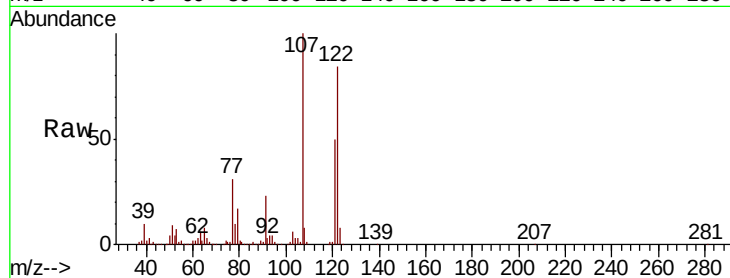
ClientSampleId :

PB126427BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	102.5	153.7
121	59.1	47.0	70.4

Manual Integrations
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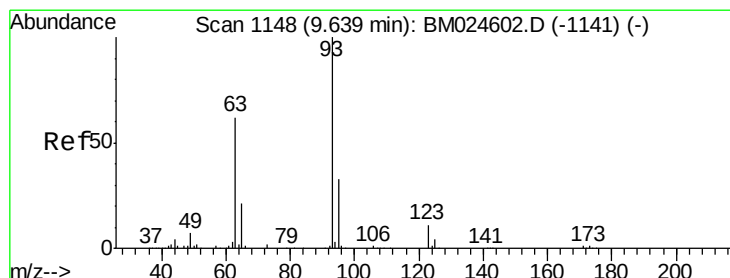
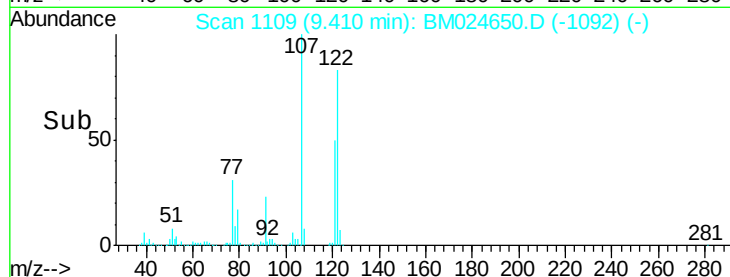
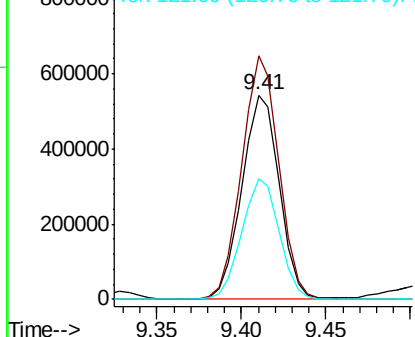


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.652 ng

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

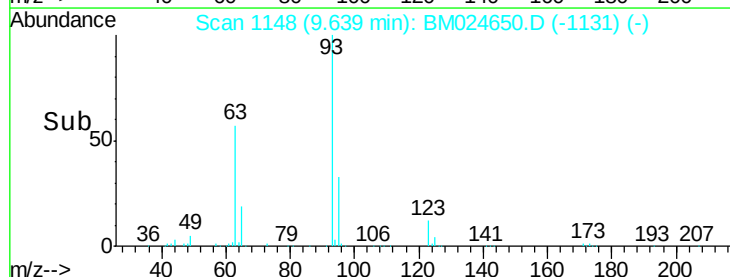
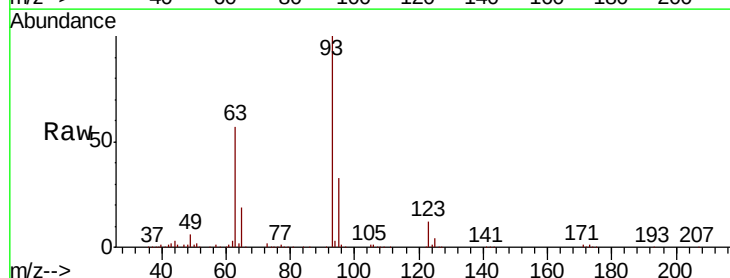
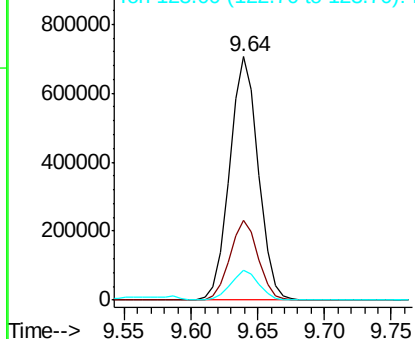
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	12.5	8.7	13.1

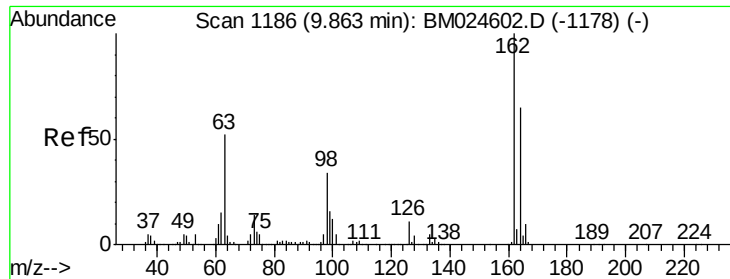
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





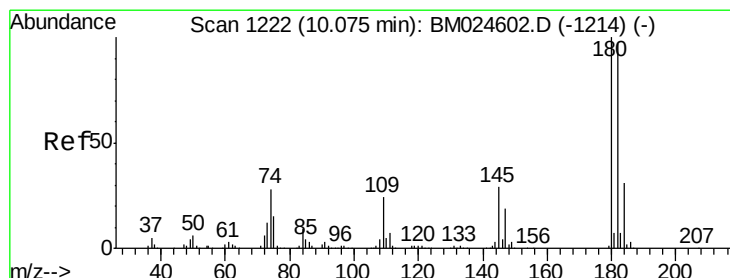
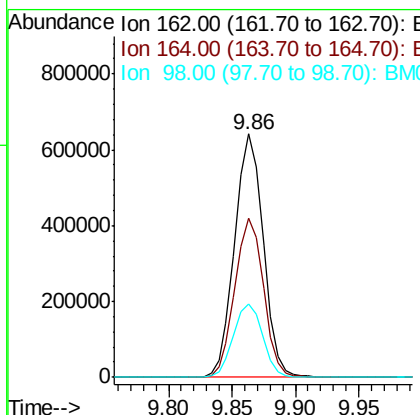
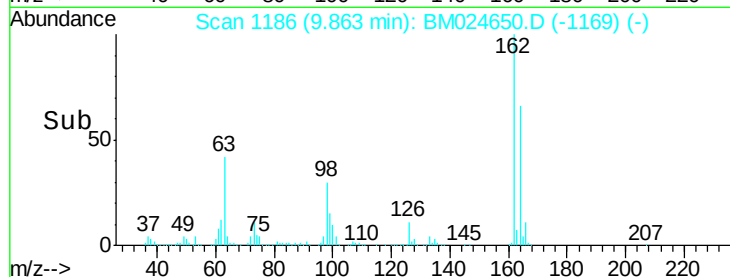
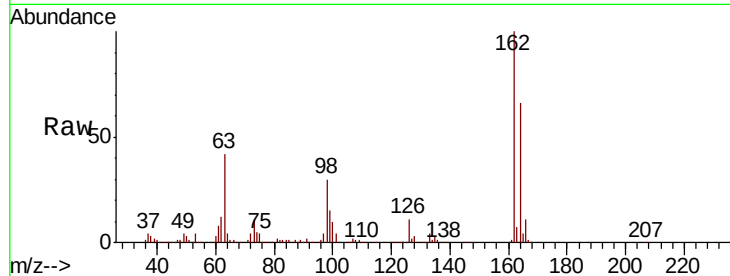
#29
2,4-Dichlorophenol
Concen: 45.724 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.5	84.5
98	30.0	14.2	54.2

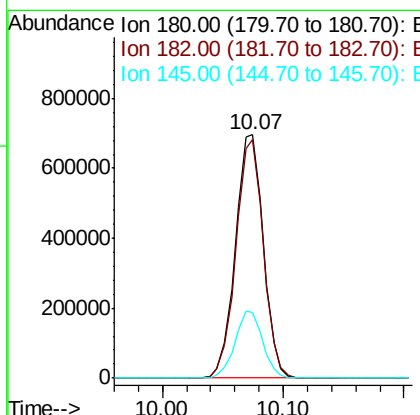
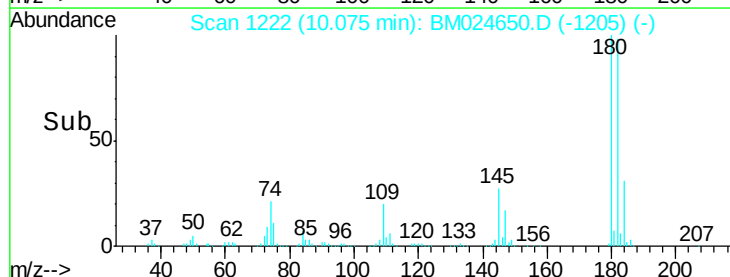
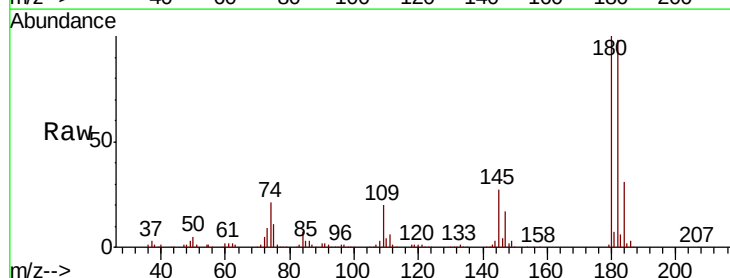
Manual Integrations
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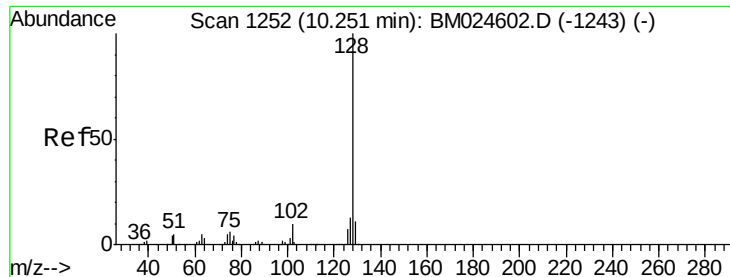
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.379 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.8	116.6
145	27.0	22.9	34.3





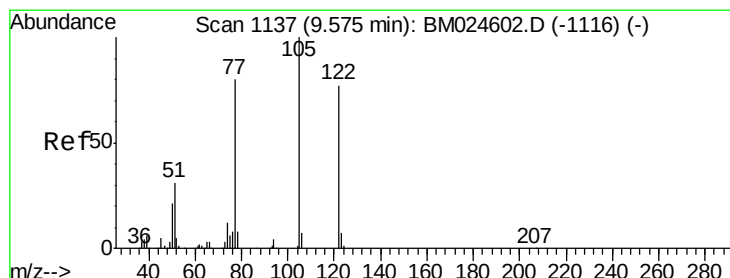
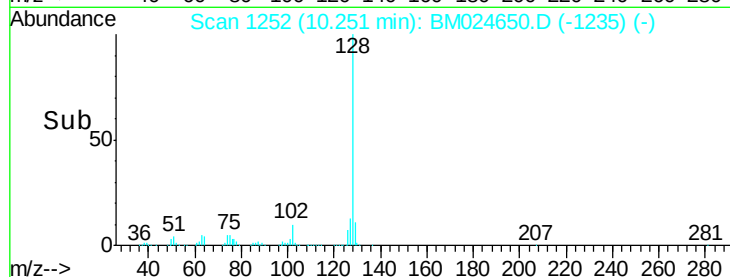
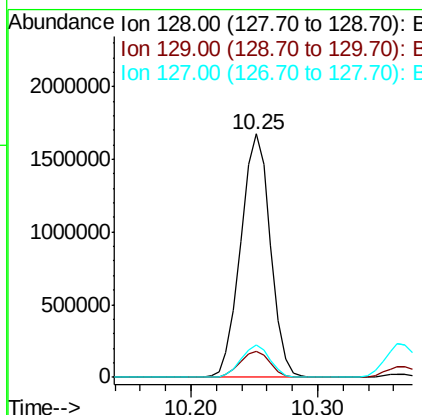
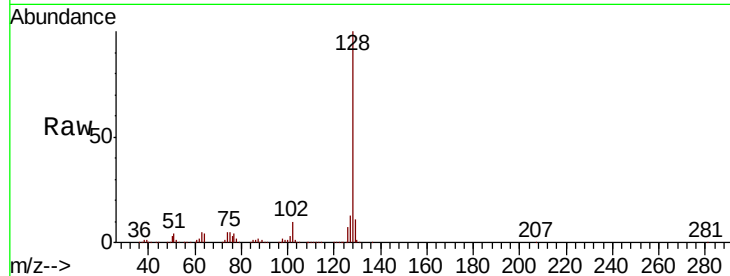
#31
Naphthalene
Concen: 40.632 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.6	15.8

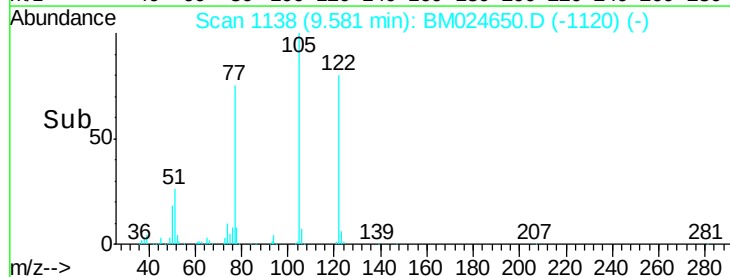
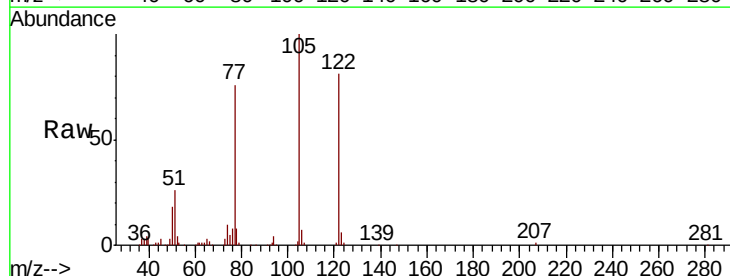
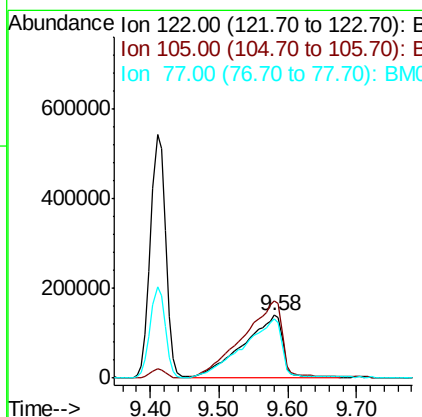
Manual Integrations
APPROVED

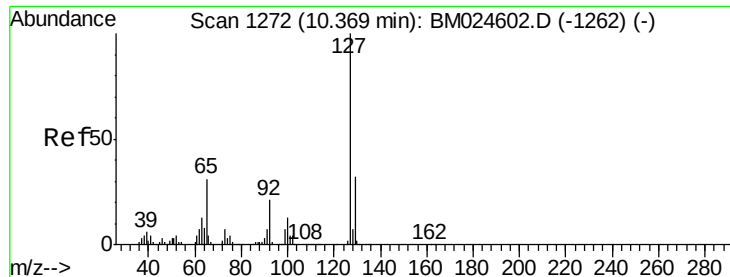
mohammad
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#32
Benzoic acid
Concen: 37.105 ng m
RT: 9.58 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	107.7	147.7
77	93.0	83.8	123.8





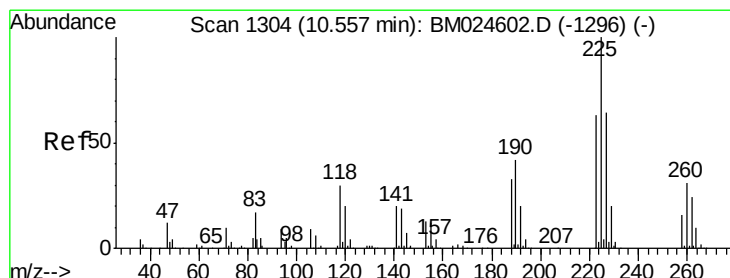
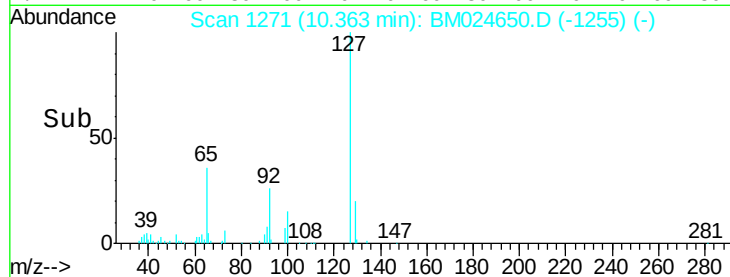
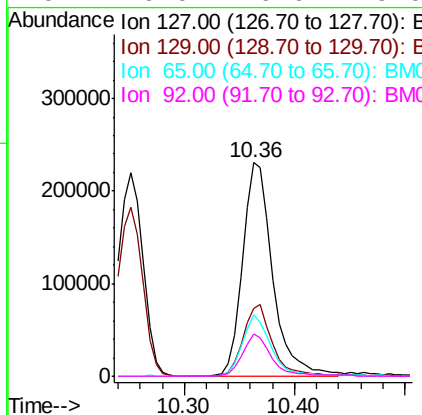
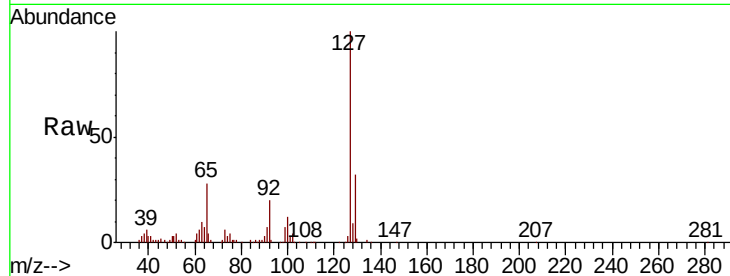
#33
4-Chloroaniline
Concen: 15.021 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		439977		
129	32.0	25.9		38.9	
65	28.5	25.1		37.7	
92	20.0	16.6		25.0	

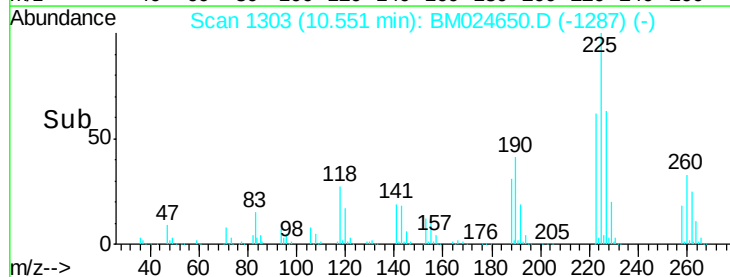
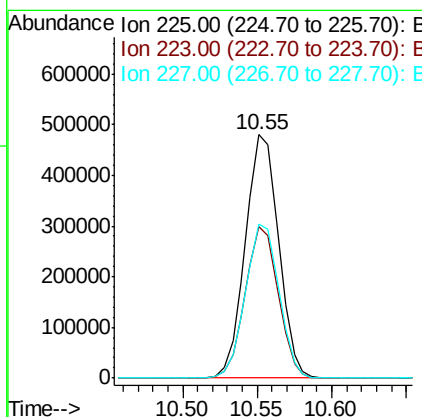
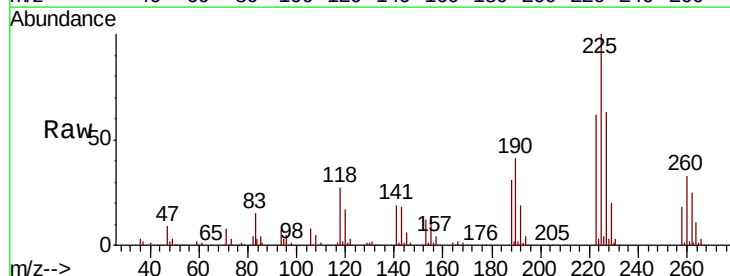
Manual Integrations
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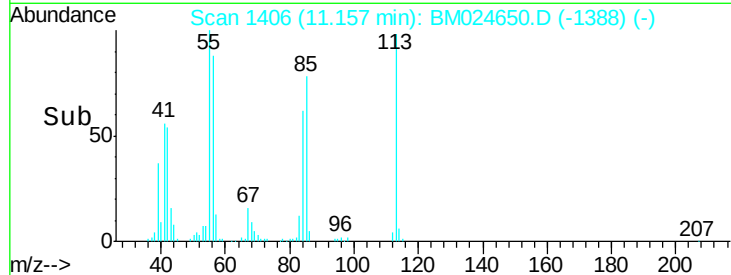
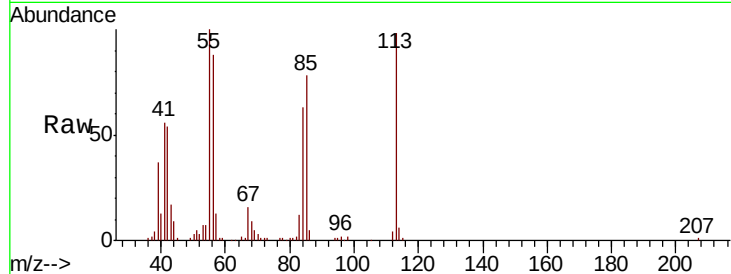
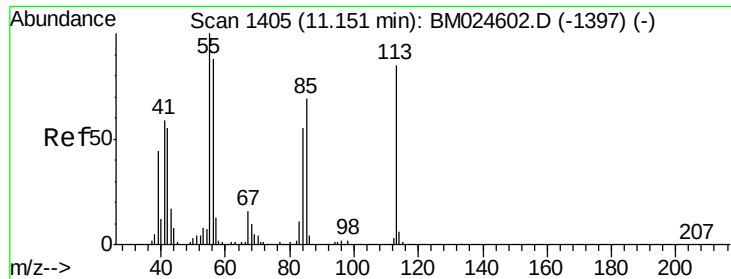
mohammad
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#34
Hexachlorobutadiene
Concen: 40.470 ng
RT: 10.55 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		741567		
223	62.4	50.7		76.1	
227	63.4	51.4		77.0	





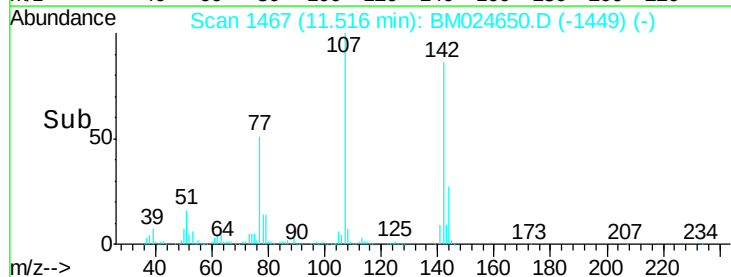
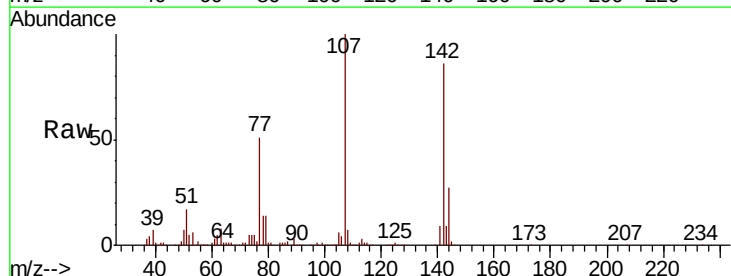
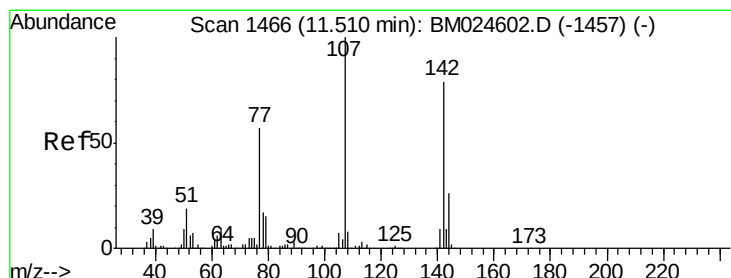
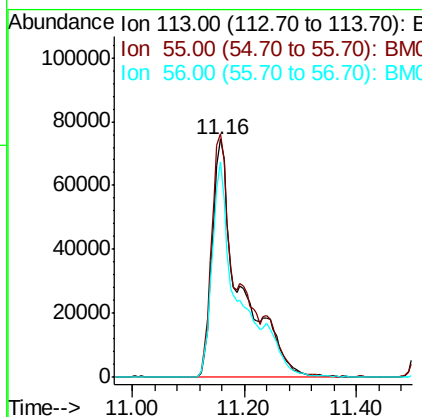
#35
Caprolactam
Concen: 36.531 ng/mL
RT: 11.16 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tot Ion	Ratio	Resp	Lower	Upper
113	100	257591		
55	102.1	97.5	137.5	
56	90.2	83.4	123.4	

Instrument :
BNA_M
ClientSampleID :
PB126427BS

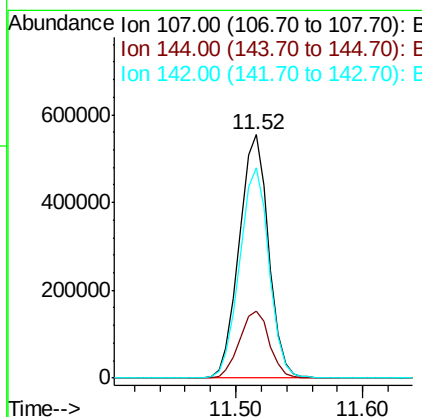
Manual Integrations
APPROVED

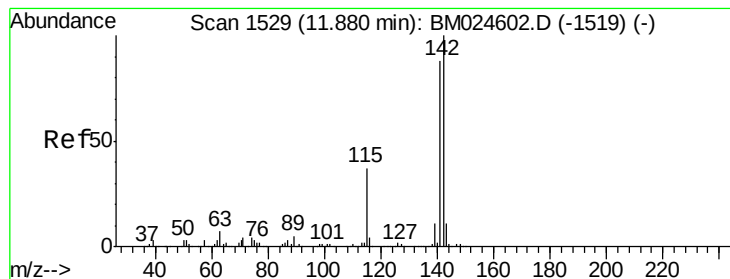
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#36
4-Chloro-3-methylphenol
Concen: 38.189 ng/mL
RT: 11.52 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	892496		
144	27.3	20.5	30.7	
142	86.2	62.8	94.2	





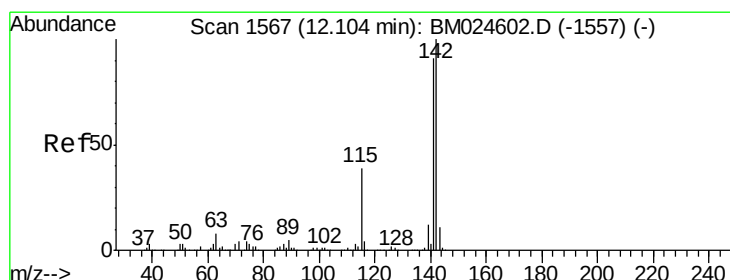
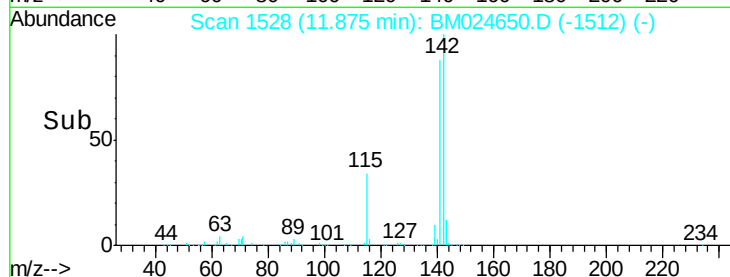
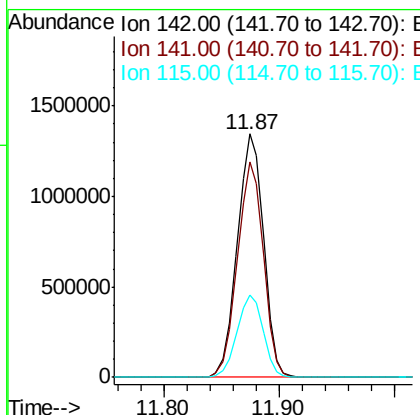
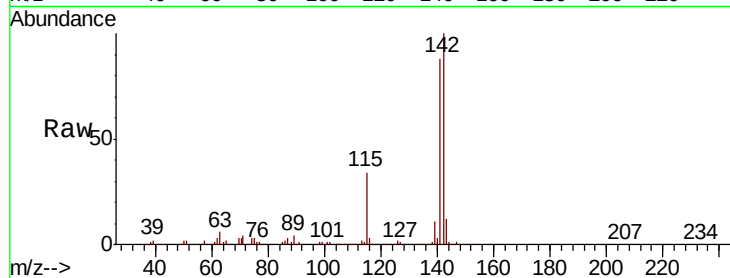
#37
2-Methylnaphthalene
Concen: 40.916 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion:142 Resp: 2110018
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.2
115 34.0 29.7 44.5

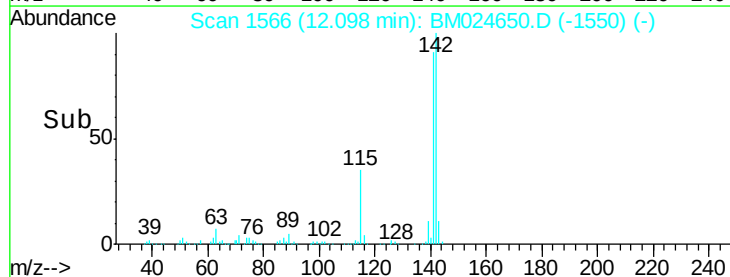
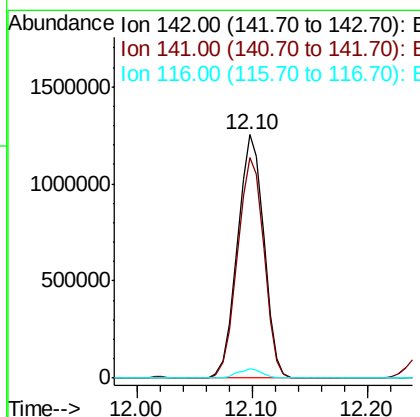
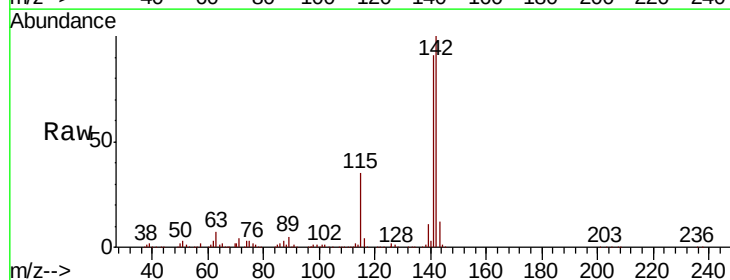
Manual Integrations
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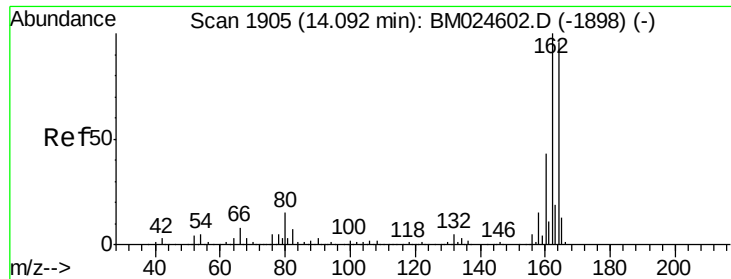
mohammad
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#38
1-Methylnaphthalene
Concen: 40.313 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion:142 Resp: 1977544
Ion Ratio Lower Upper
142 100
141 90.8 72.8 109.2
116 3.8 3.2 4.8





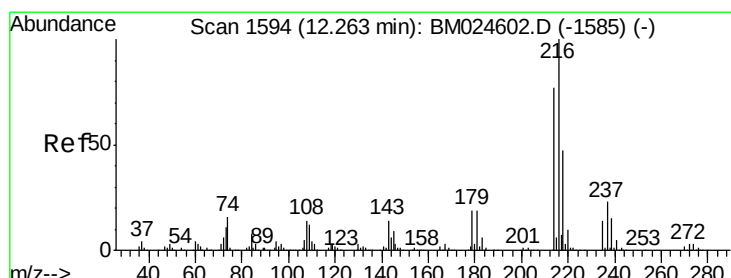
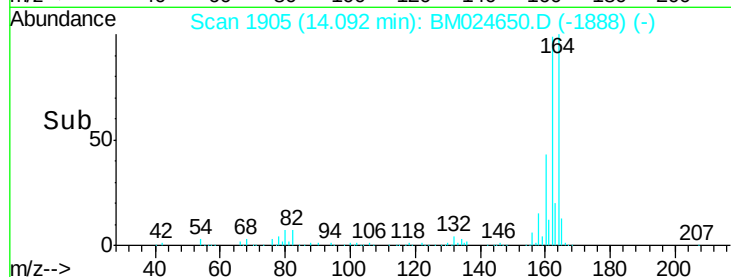
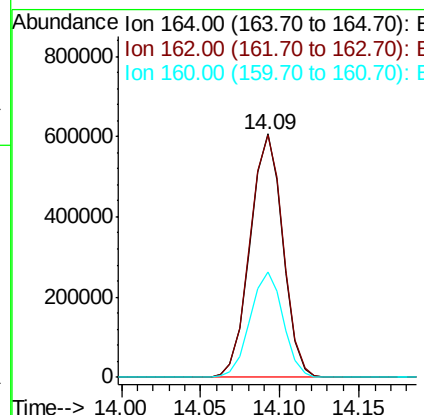
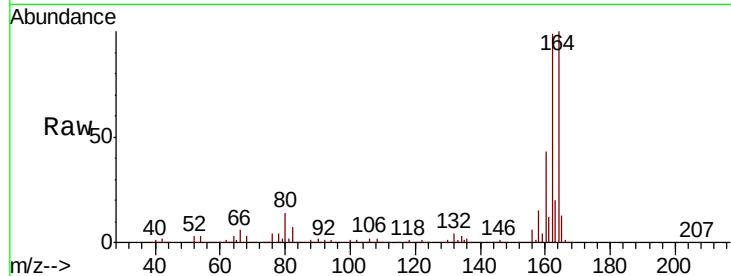
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	869205		
162	99.3	82.9	124.3	
160	43.1	35.5	53.3	

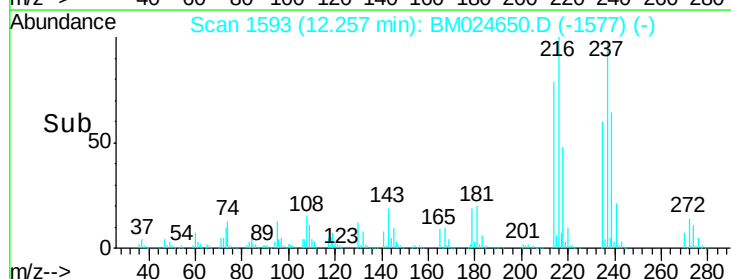
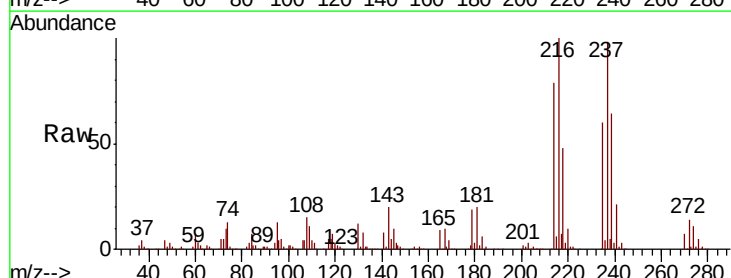
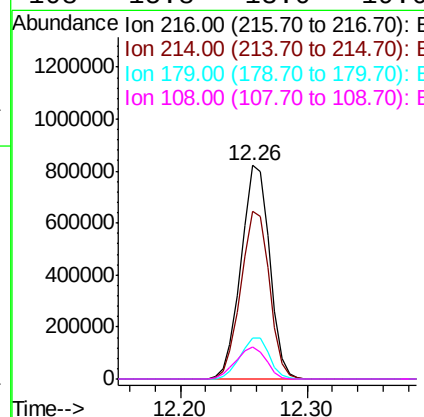
Manual Integrations
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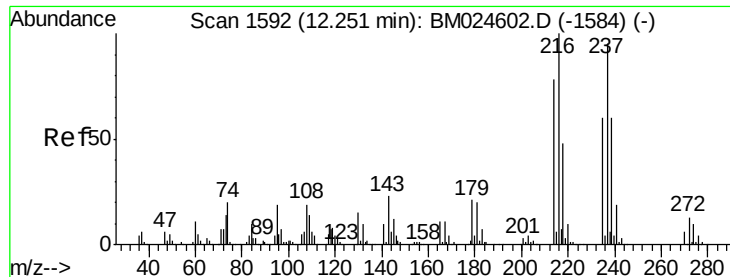
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.419 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1284892		
214	78.5	62.3	93.5	
179	19.7	16.1	24.1	
108	15.8	13.0	19.6	





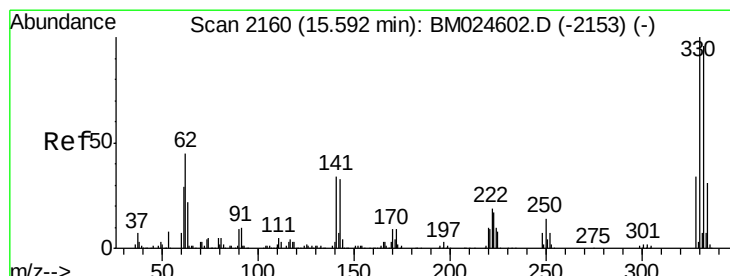
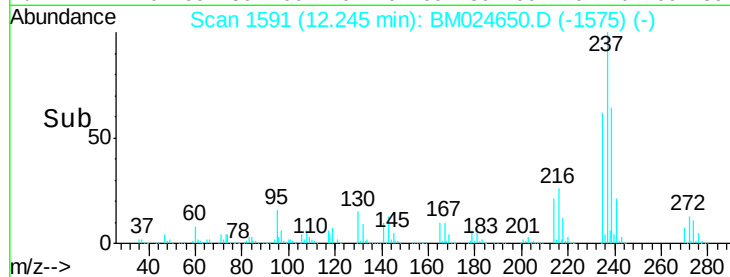
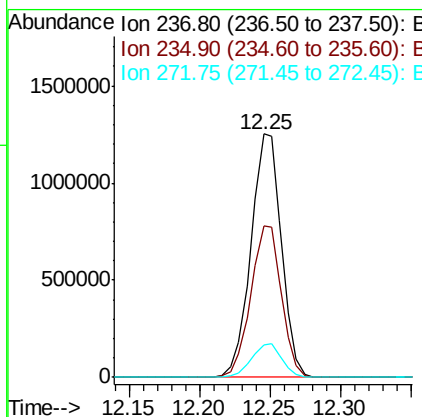
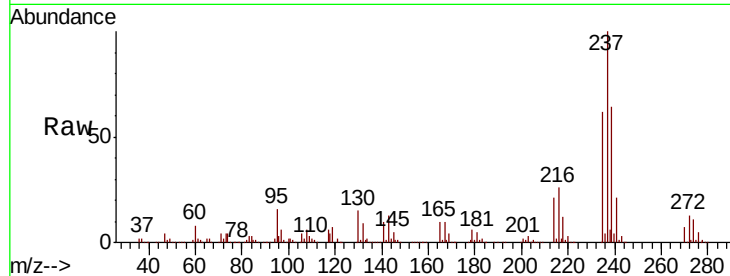
#41
 Hexachlorocyclopentadiene
 Concen: 109.143 ng
 RT: 12.25 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion:	237	Resp:	1897816
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.3	83.3
272	13.2	0.0	33.4

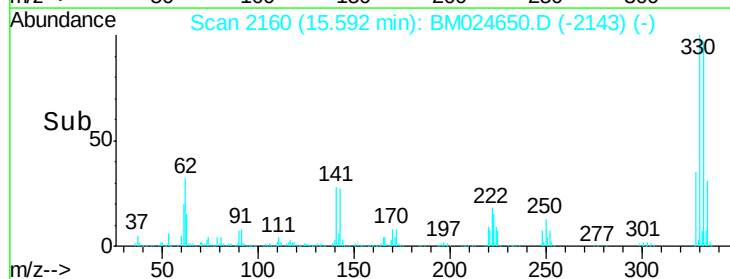
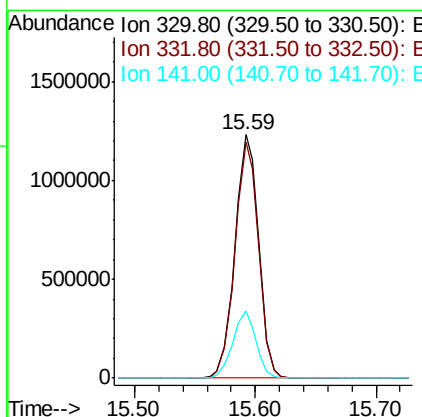
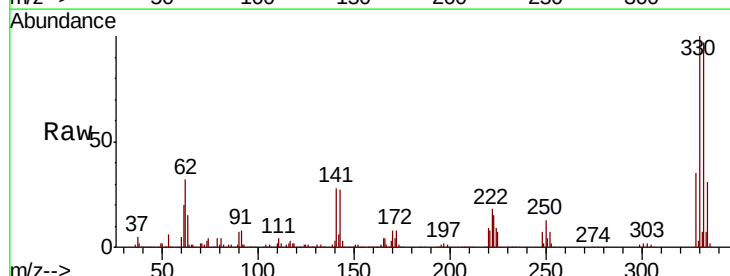
Manual Integrations
 APPROVED

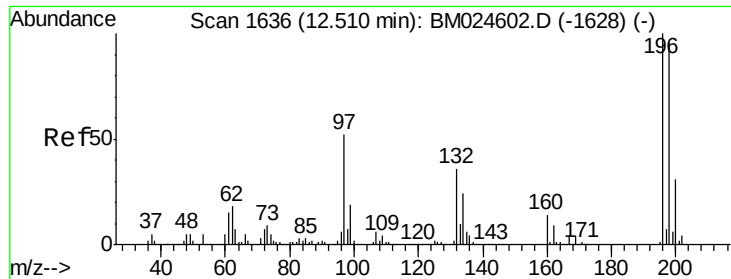
mohammad
 1/30/2020 10:18:55 AM



#42
 2,4,6-Tribromophenol
 Concen: 118.889 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Tgt Ion:	330	Resp:	1680962
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	27.0	26.9	40.3





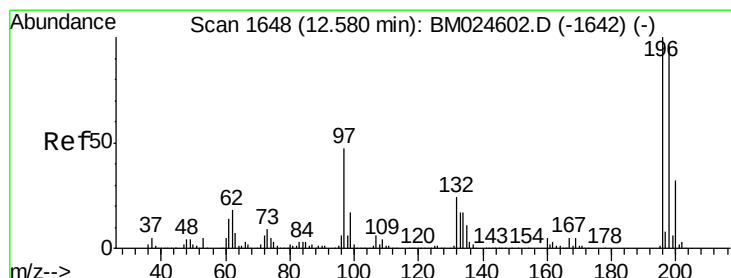
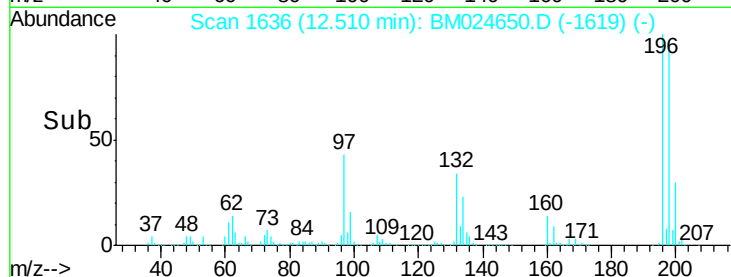
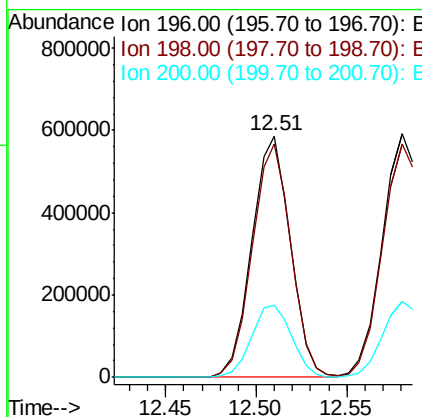
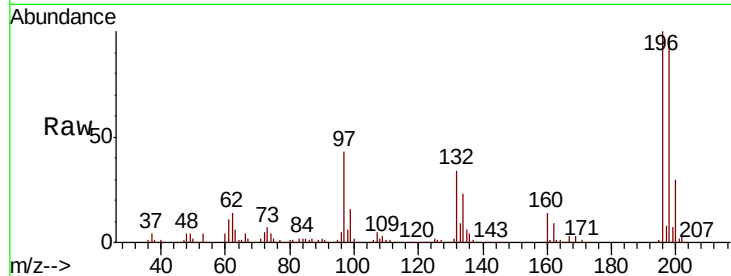
#43
 2,4,6-Trichlorophenol
 Concen: 43.849 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	865629		
198	96.9	76.5	114.7	
200	30.0	25.0	37.6	

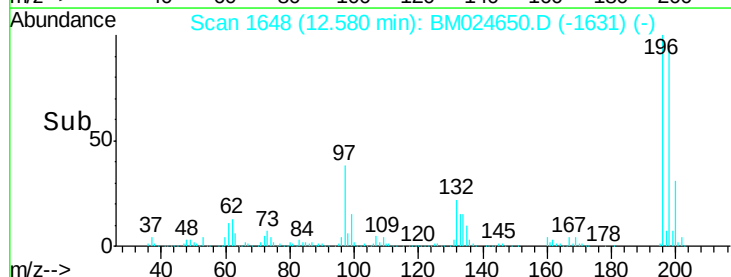
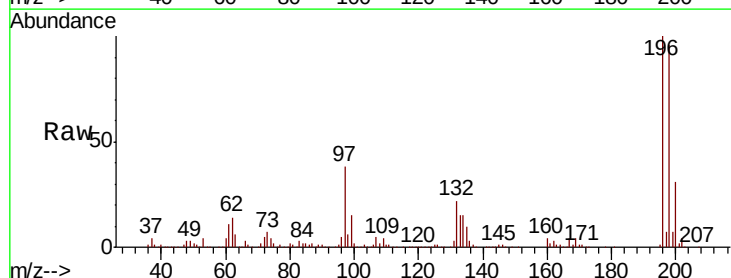
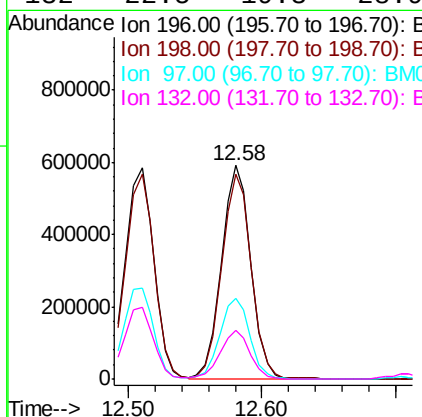
Manual Integrations
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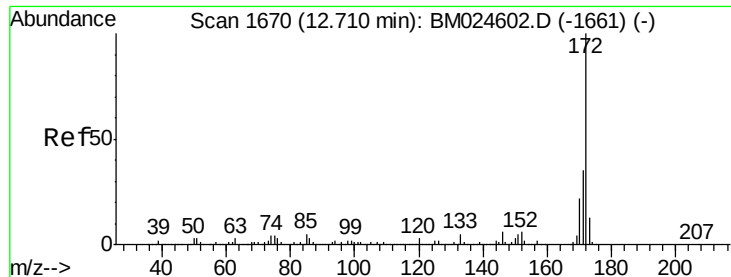
mohammad
 1/30/2020 10:18:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.015 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	907553		
198	96.0	77.2	115.8	
97	38.0	37.4	56.0	
132	22.5	19.3	28.9	





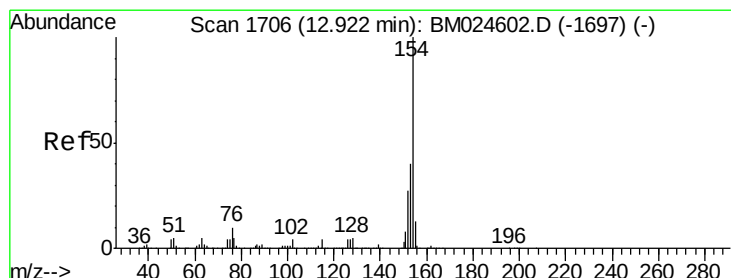
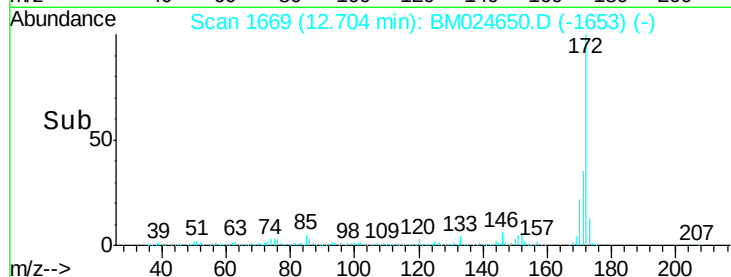
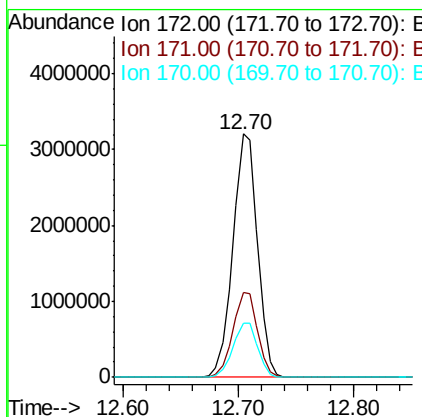
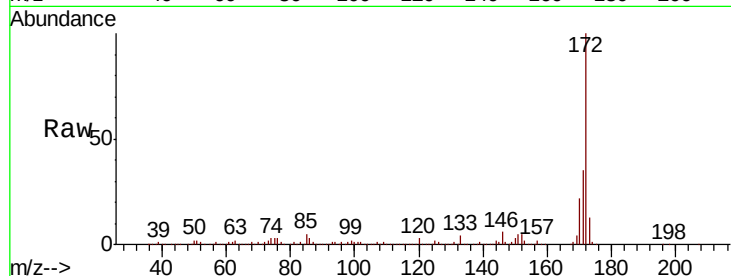
#45
2-Fluorobiphenyl
Concen: 73.777 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.3	17.9	26.9

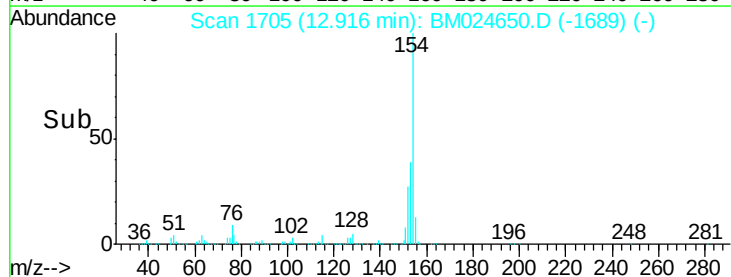
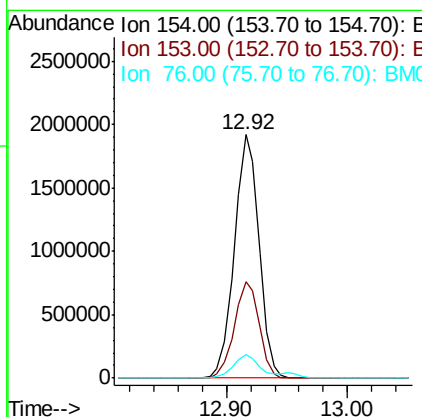
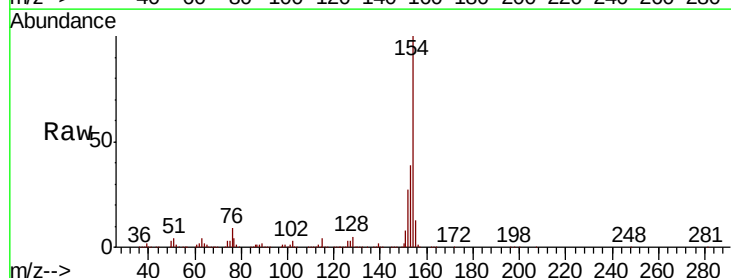
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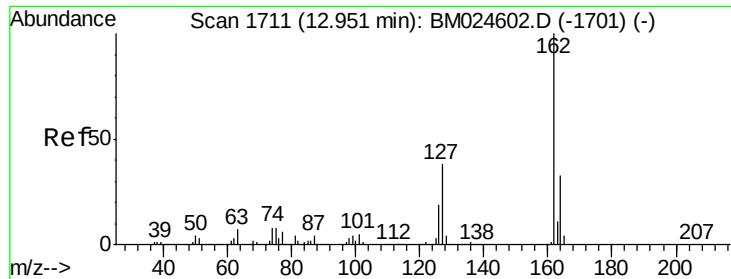
mohammad
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#46
1,1'-Biphenyl
Concen: 41.388 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.3	60.3
76	9.4	0.0	30.5





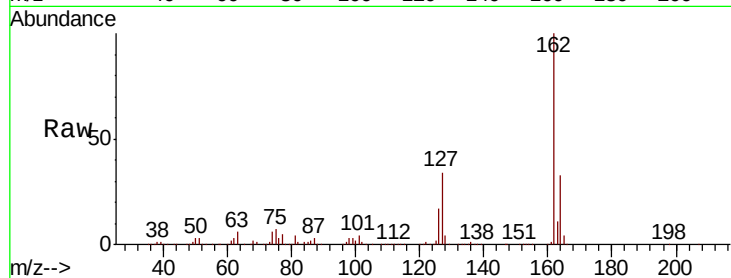
#47
2-Chloronaphthalene
Concen: 41.024 ng
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

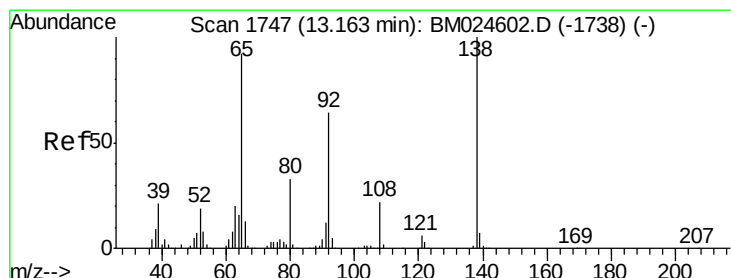
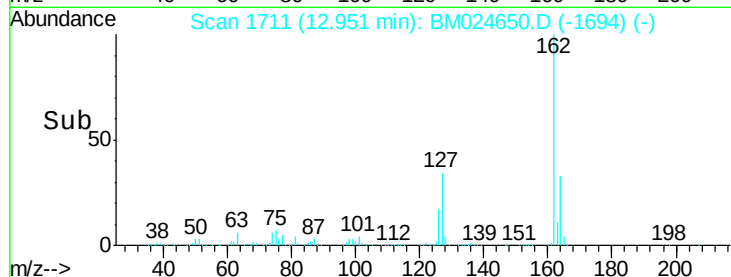
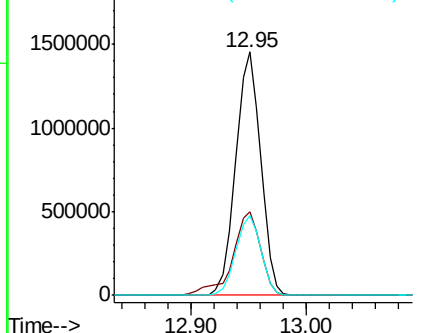
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	30.4	45.6
164	32.6	26.5	39.7

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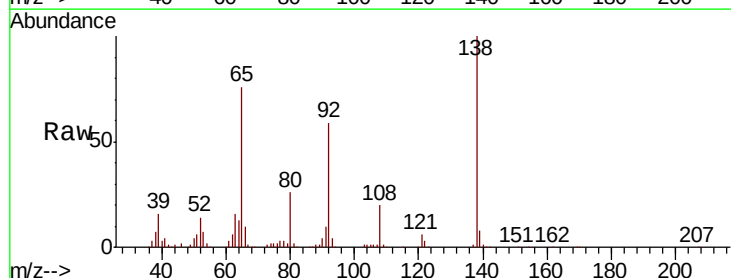


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

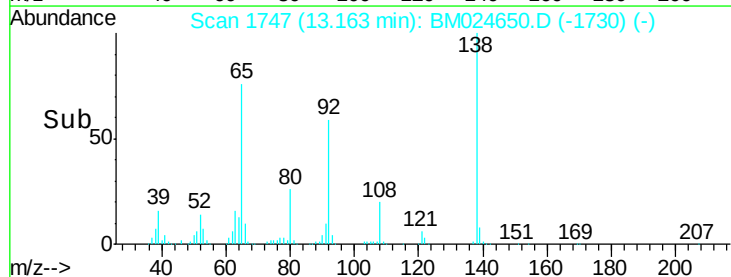
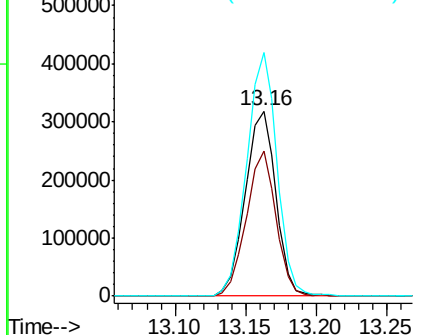


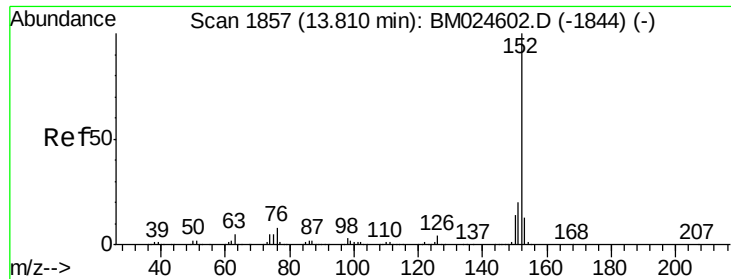
#48
2-Nitroaniline
Concen: 30.184 ng
RT: 13.16 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.2	55.4	83.2
138	131.5	86.6	129.8



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.922 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:152 Resp: 3332659

Ion Ratio Lower Upper

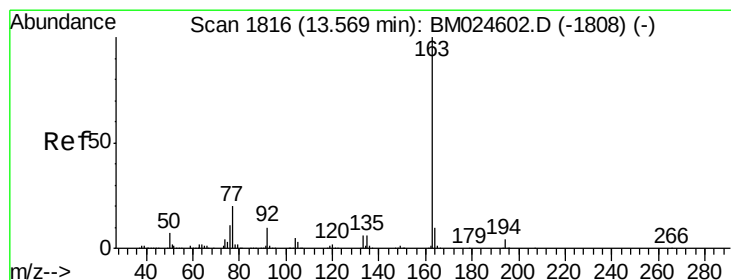
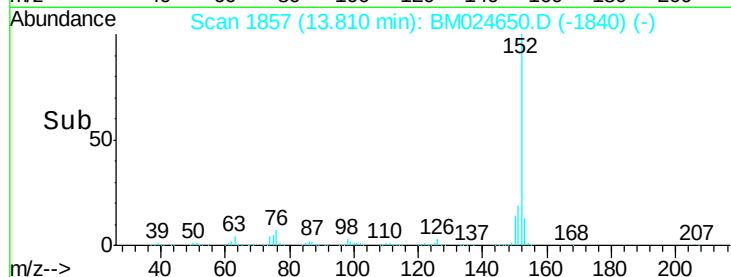
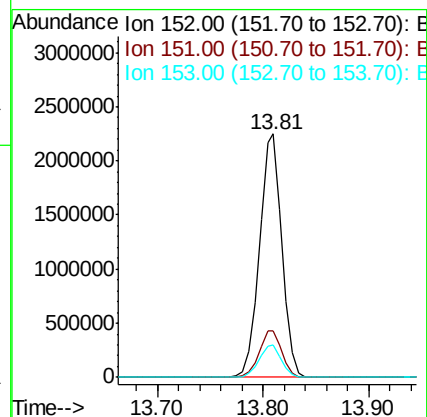
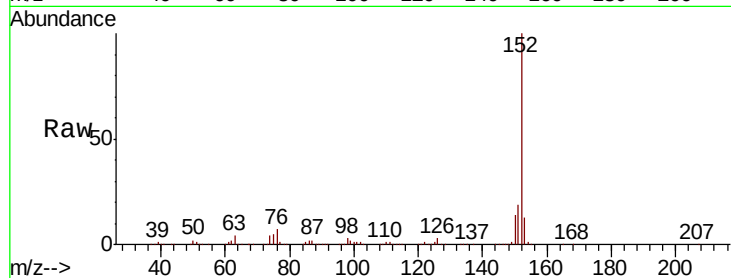
152 100

151 19.3 15.8 23.6

153 13.1 10.4 15.6

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#50

Dimethylphthalate

Concen: 37.956 ng

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

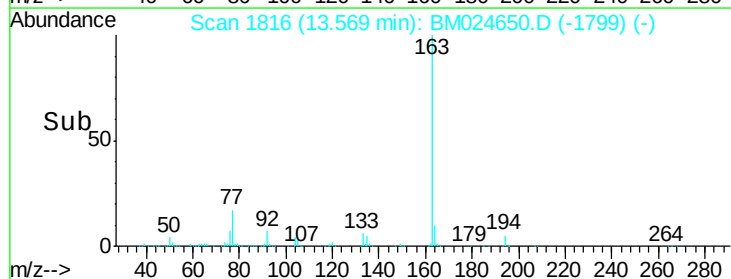
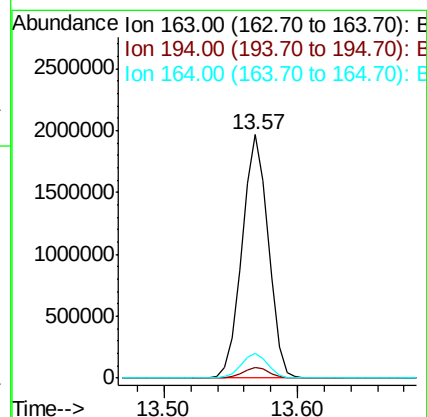
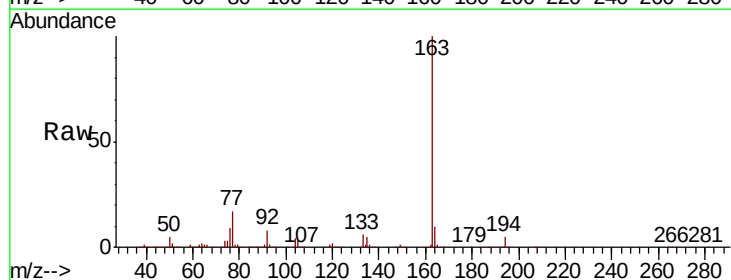
Tgt Ion:163 Resp: 2667771

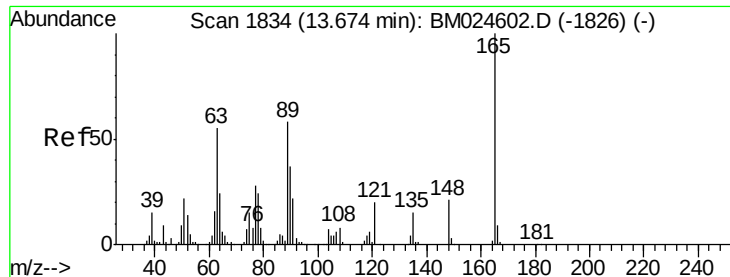
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 40.349 ng

RT: 13.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:165 Resp: 602949
Ion Ratio Lower Upper

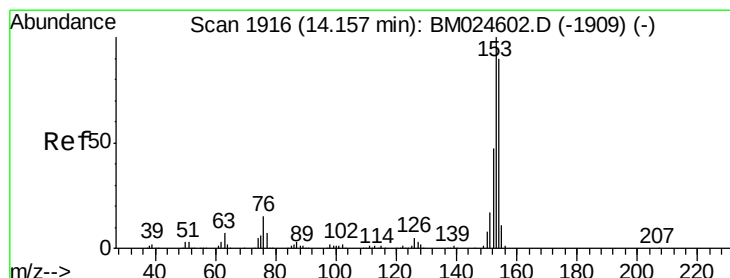
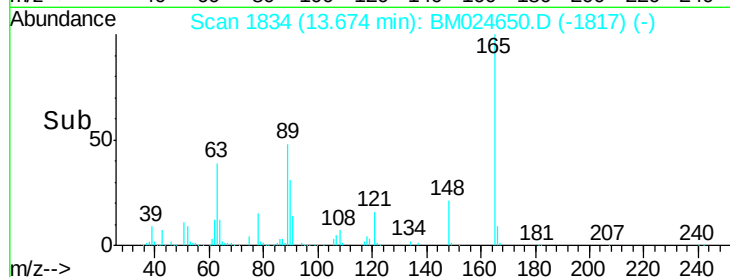
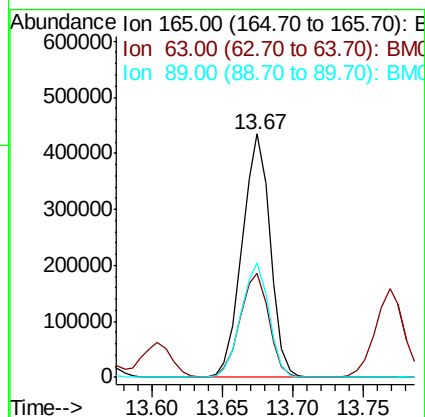
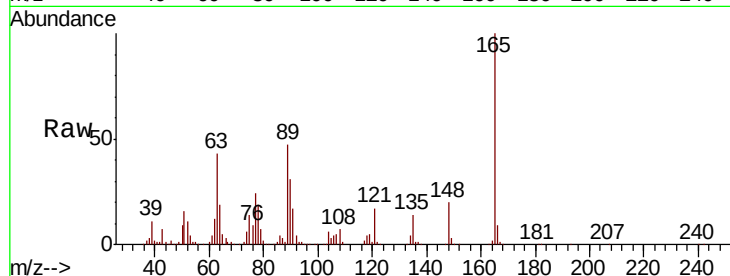
165 100

63 42.7 45.4 68.0#

89 46.9 46.6 69.8

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#52

Acenaphthene

Concen: 40.004 ng

RT: 14.16 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BM024650.D

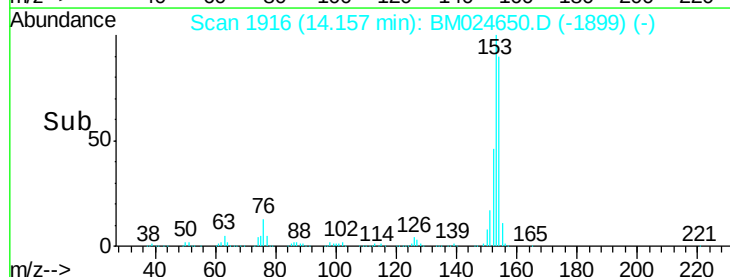
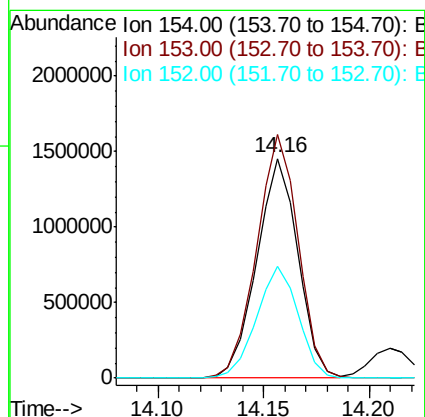
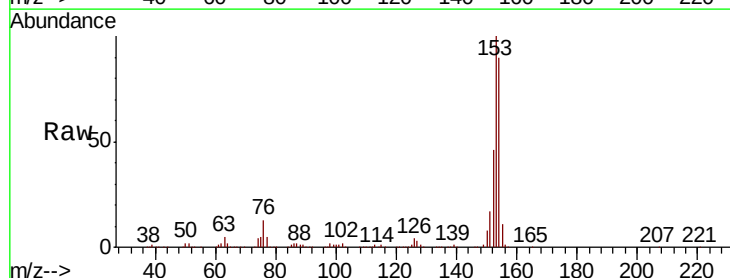
Acq: 29 Jan 2020 15:05

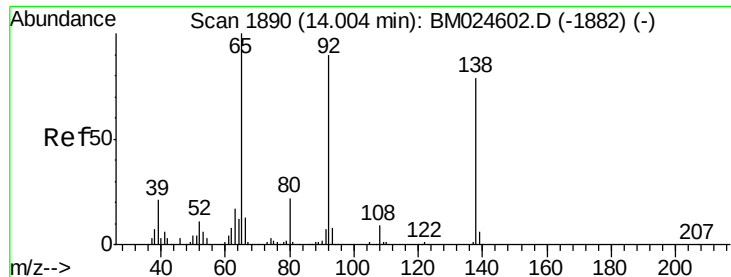
Tgt Ion:154 Resp: 1973429
Ion Ratio Lower Upper

154 100

153 111.0 89.1 133.7

152 50.9 41.9 62.9





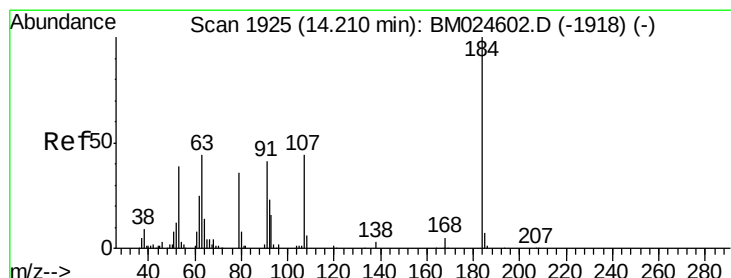
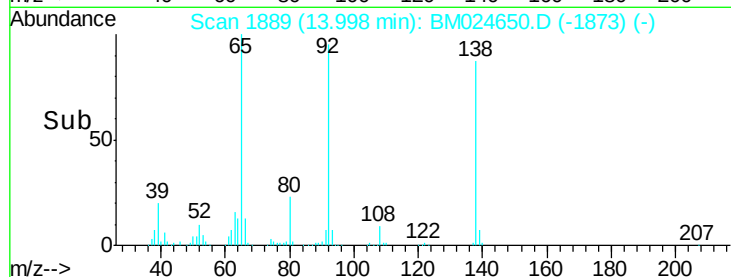
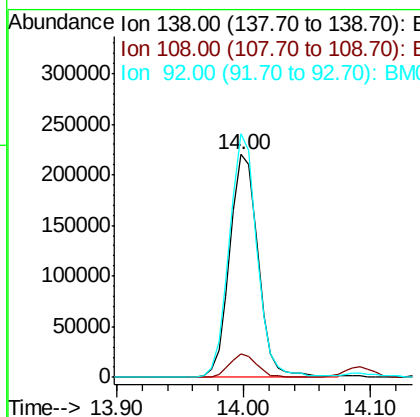
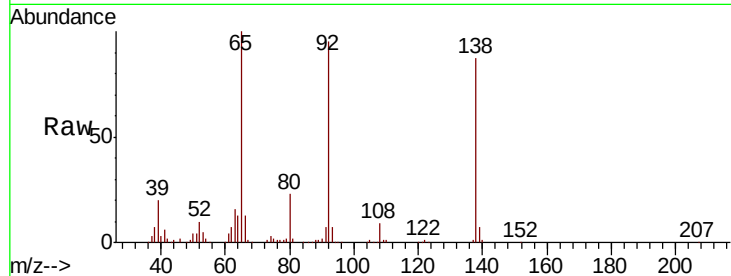
#53
3-Nitroaniline
Concen: 22.002 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	109.2	91.0	136.4

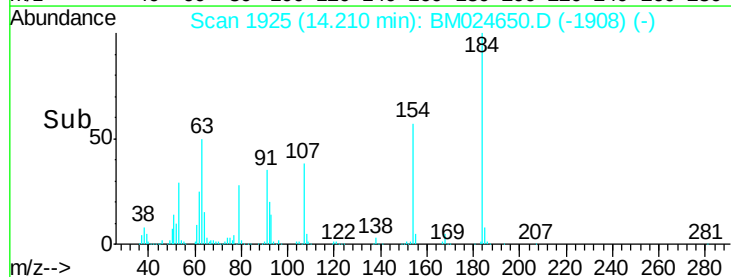
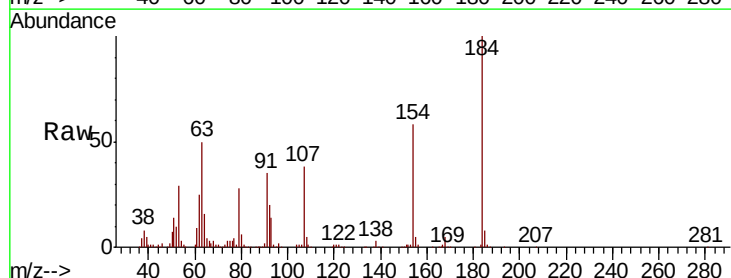
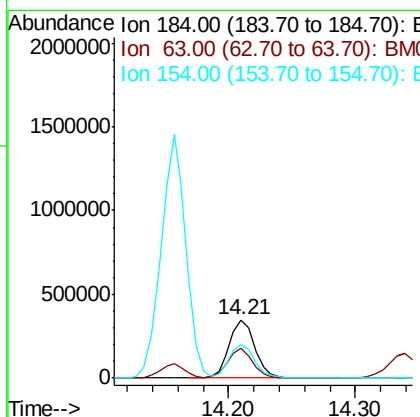
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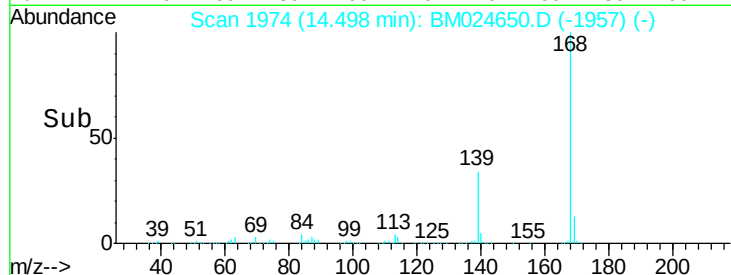
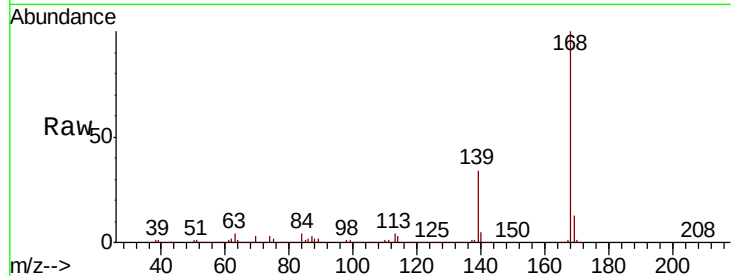
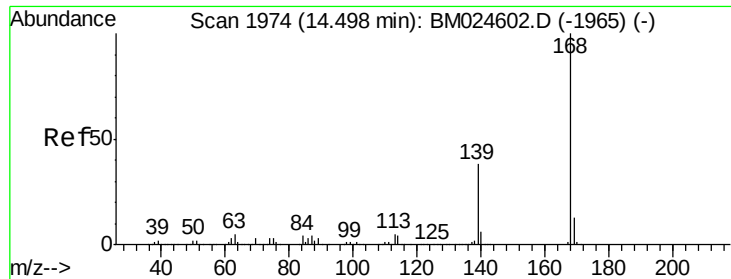
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#54
2,4-Dinitrophenol
Concen: 54.507 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.1	51.8	77.8#
154	57.5	50.2	75.4





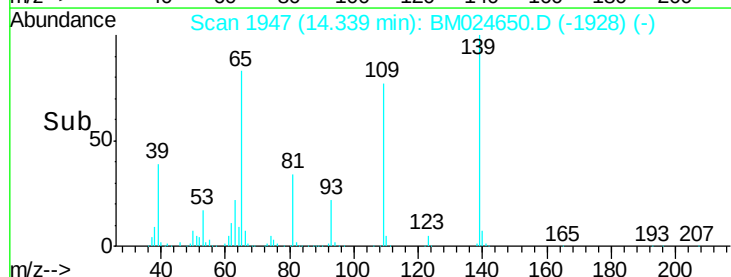
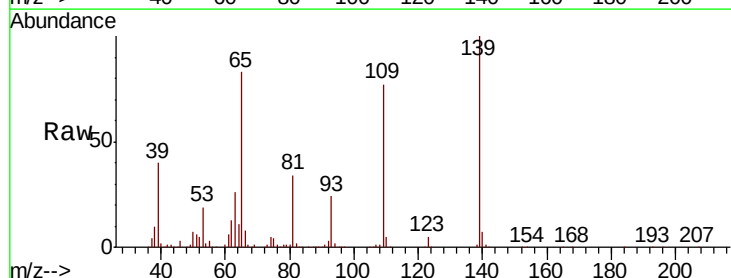
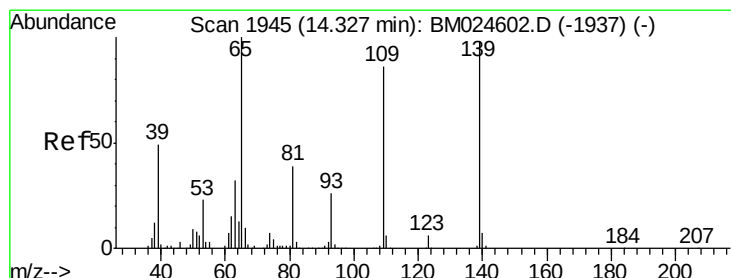
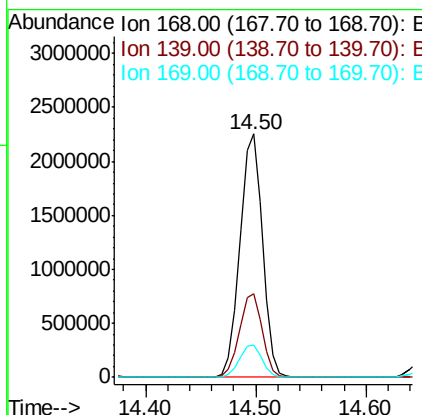
#55
Dibenzofuran
Concen: 40.275 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.4	30.2	45.4
169	13.5	10.7	16.1

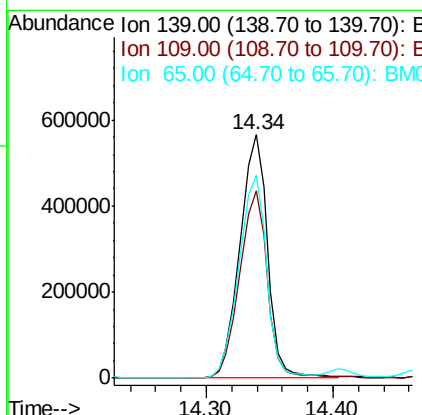
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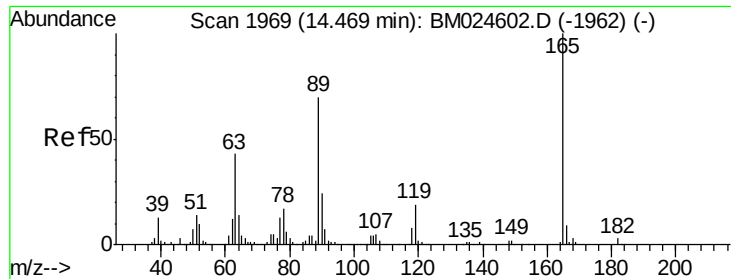
mohammad
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#56
4-Nitrophenol
Concen: 70.888 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.2	67.4	107.4
65	83.0	82.1	122.1





#57

2,4-Dinitrotoluene

Concen: 36.627 ng

RT: 14.47 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

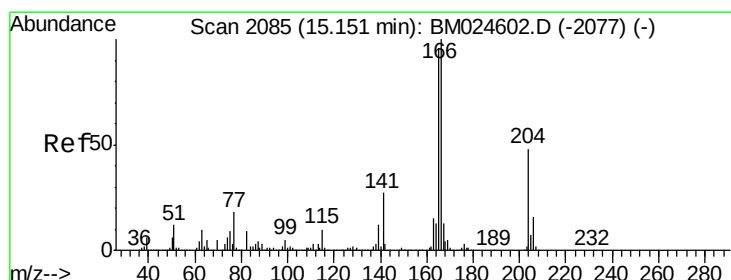
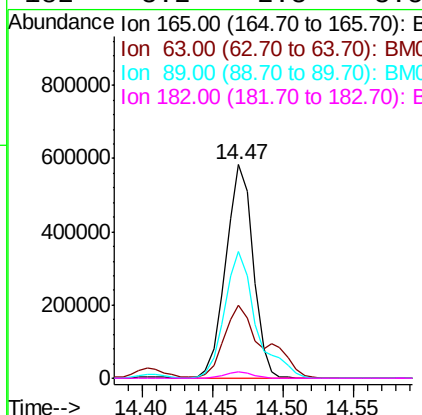
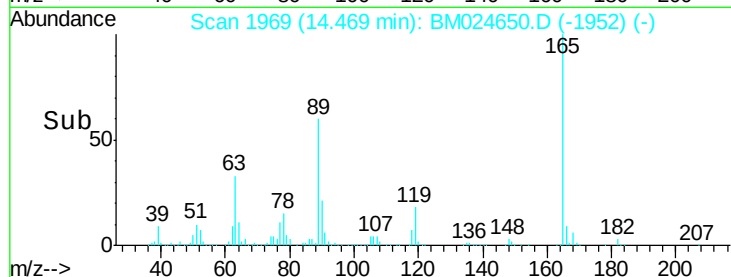
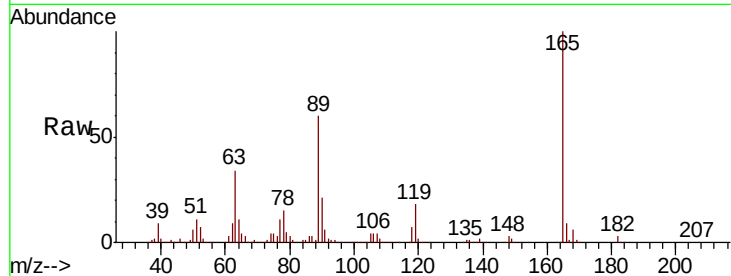
ClientSampleId :

PB126427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		784413		
63	34.0	34.5	51.7#		
89	59.6	55.8	83.8		
182	3.2	2.3	3.5		

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#58

Fluorene

Concen: 37.882 ng

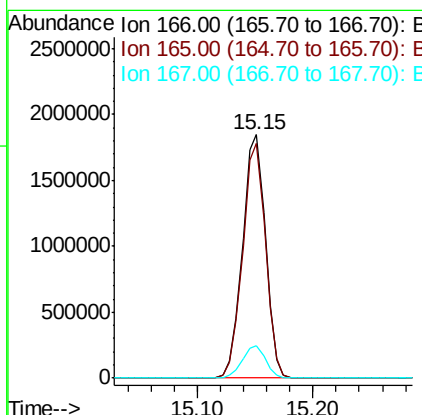
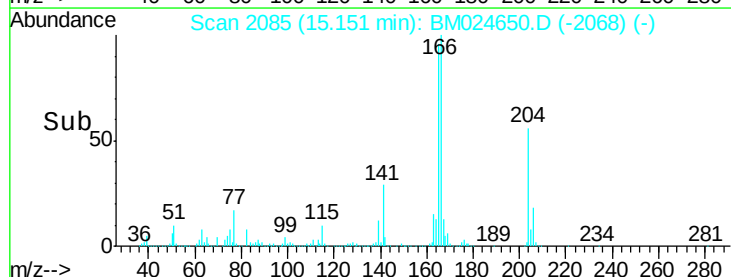
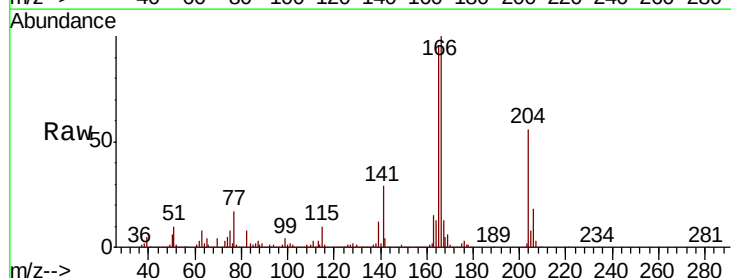
RT: 15.15 min Scan# 2085

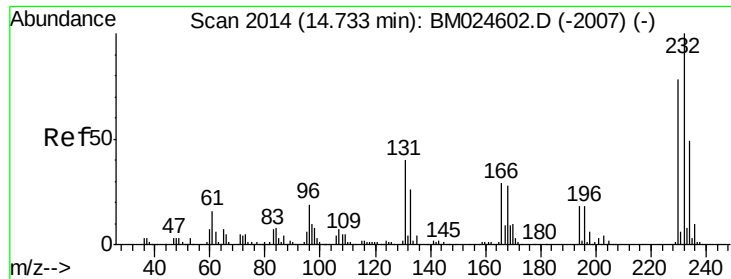
Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2561198		
165	96.3	76.6	114.8		
167	13.1	10.8	16.2		





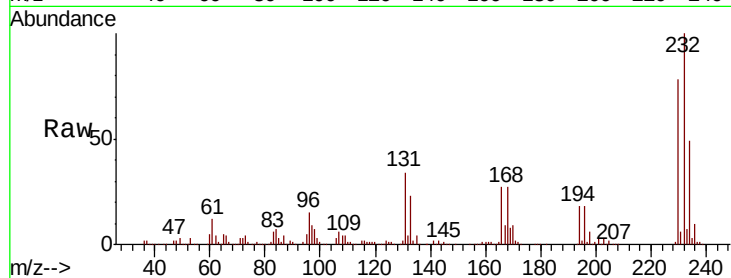
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.646 ng
RT: 14.73 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

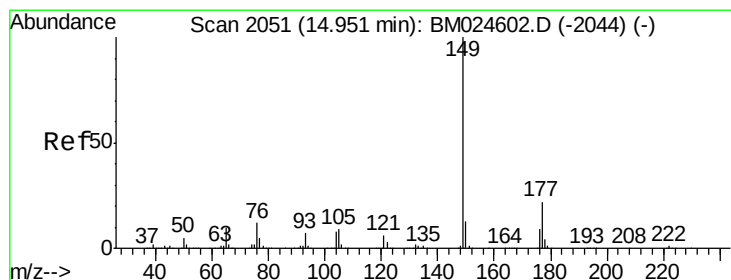
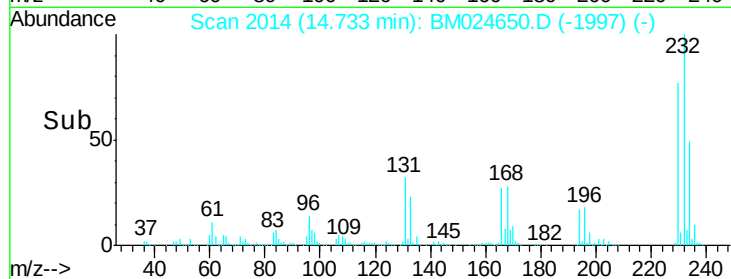
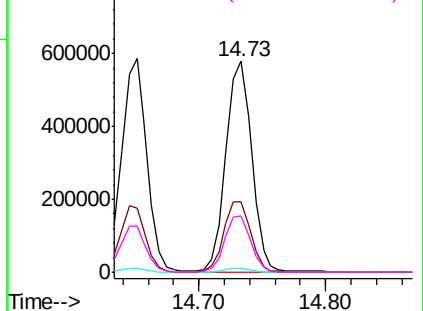
Tot Ion	Ratio	Resp	Lower	Upper
232	100	810570		
131	35.0		32.2	48.4
130	2.0		1.9	2.9
166	27.2		23.4	35.0

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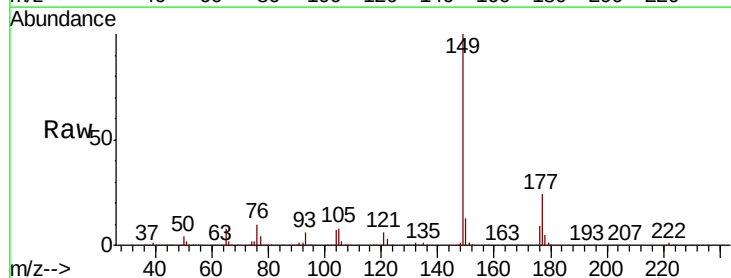


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

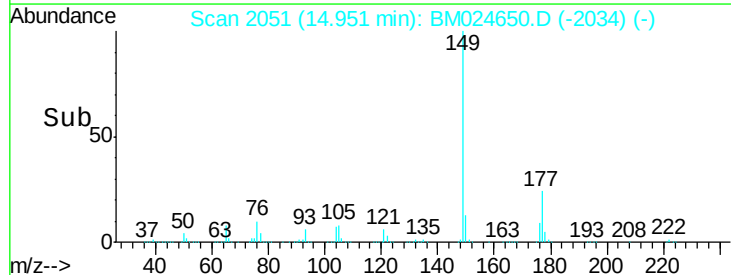
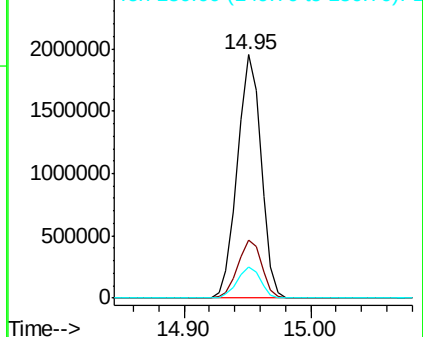


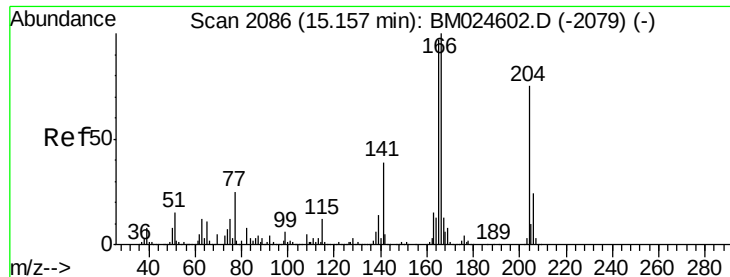
#60
Diethylphthalate
Concen: 35.322 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2520469		
177	23.9		18.0	27.0
150	12.7		10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 37.717 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampled :

PB126427BS

Tot Ion:204 Resp: 1470167

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

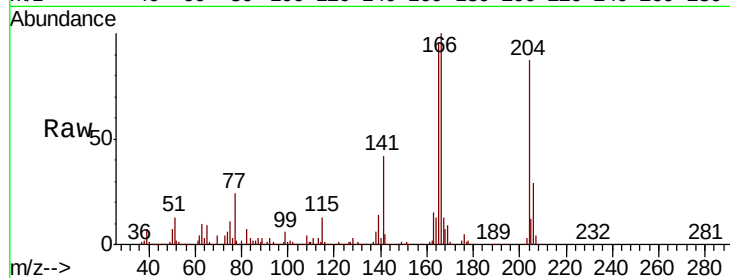
141 48.7 42.2 63.2

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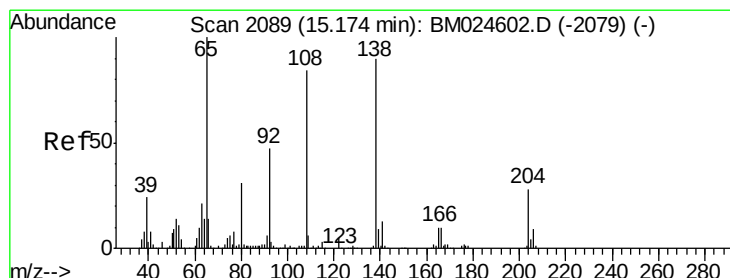
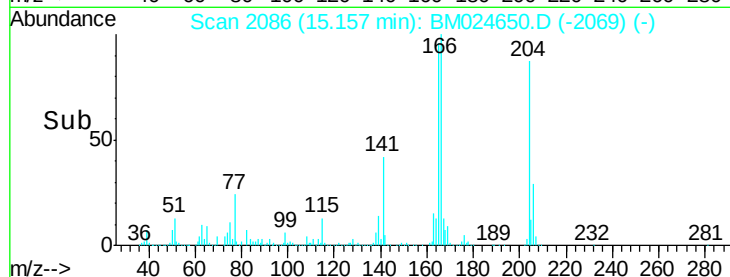
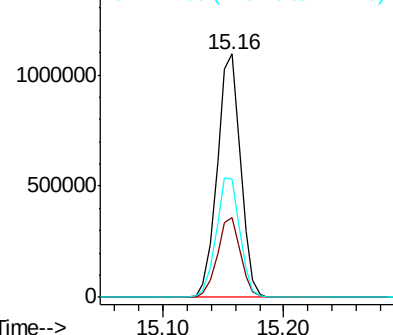
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Abundance Ion 204.00 (203.70 to 204.70): E
1500000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 28.193 ng

RT: 15.17 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

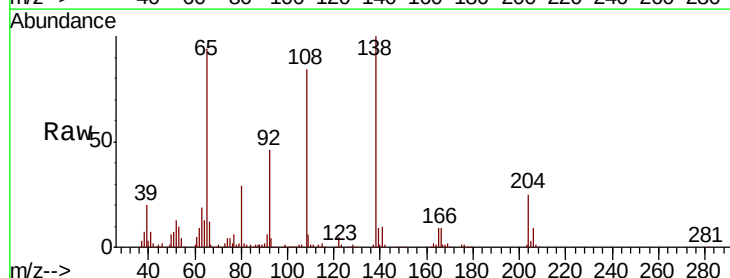
Tgt Ion:138 Resp: 482330

Ion Ratio Lower Upper

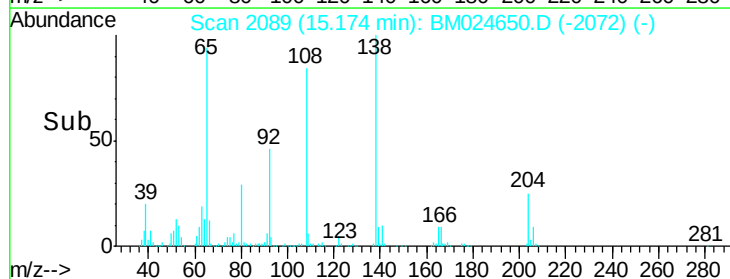
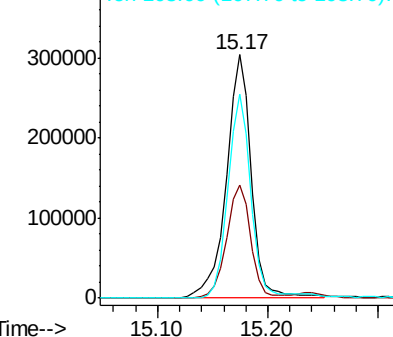
138 100

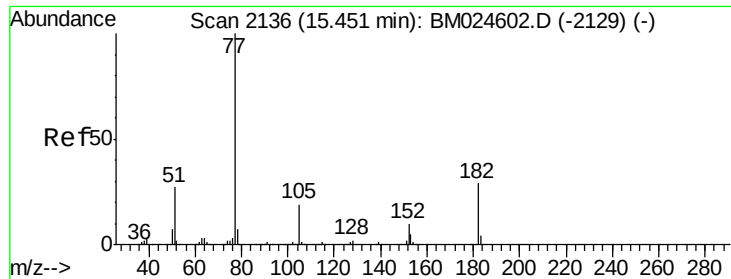
92 46.5 32.4 72.4

108 83.9 73.3 113.3



Abundance Ion 138.00 (137.70 to 138.70): E
400000
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





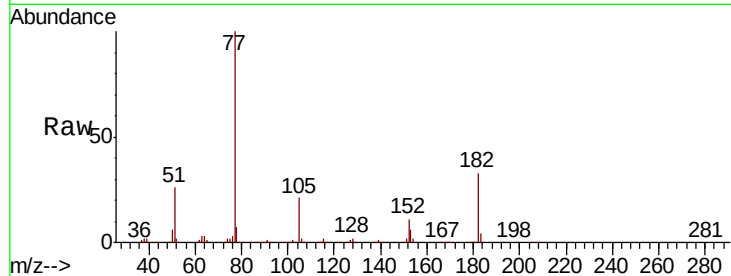
#63
Azobenzene
Concen: 32.301 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.2	8.7	48.7	
105	21.1	0.0	39.2	
51	26.1	7.5	47.5	

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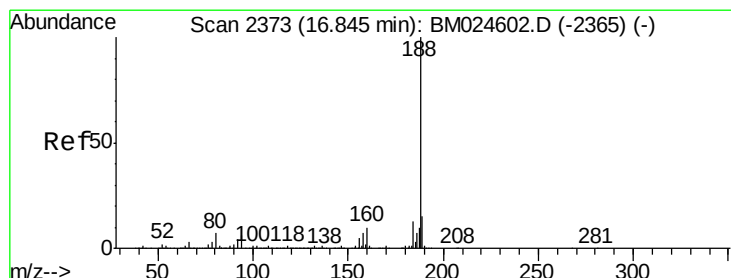
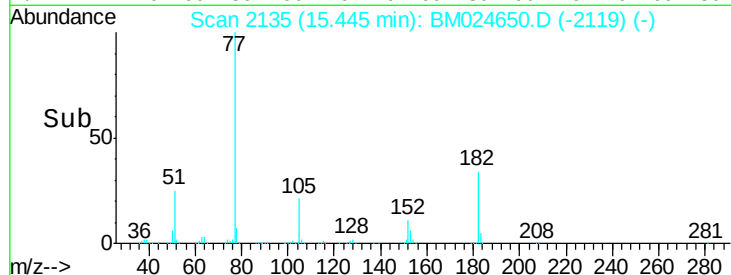
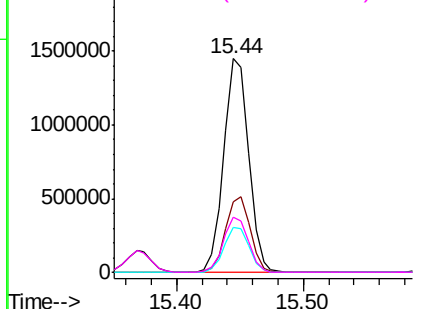


Abundance Ion 77.00 (76.70 to 77.70): BM024650.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024650.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024650.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024650.D (-2119) (-)



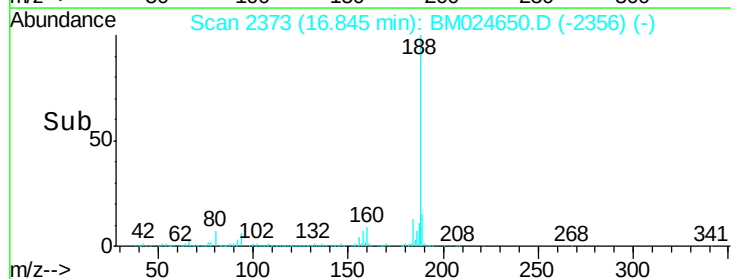
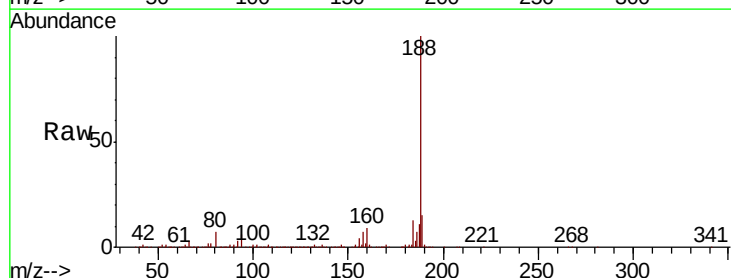
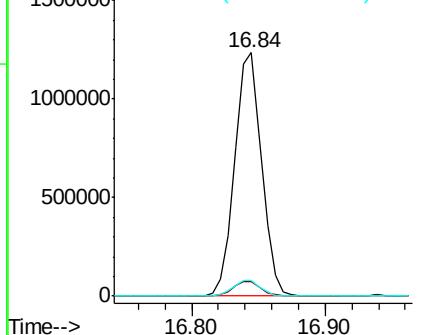
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

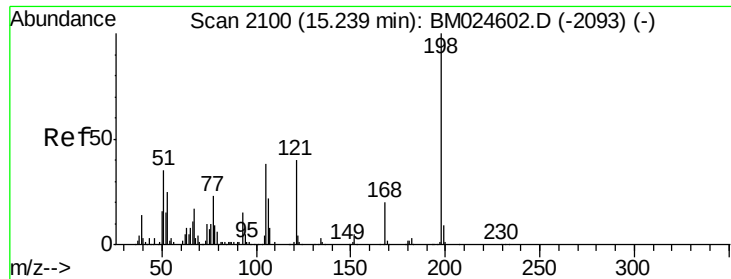
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.7	5.0	7.6	
80	6.5	5.8	8.8	

Abundance Ion 188.00 (187.70 to 188.70): BM024650.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024650.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024650.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 38.591 ng

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

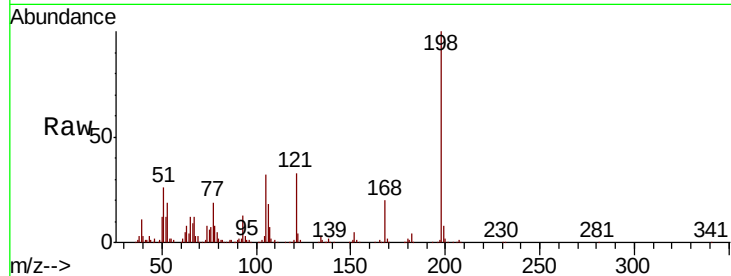
ClientSampleId :

PB126427BS

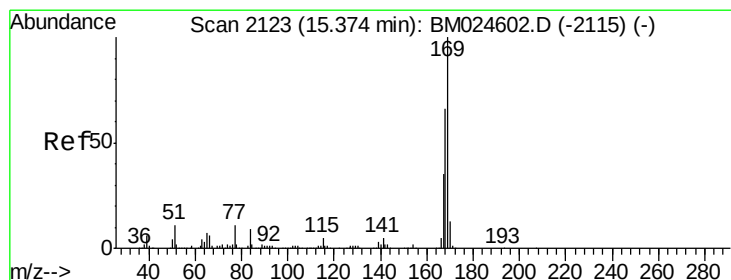
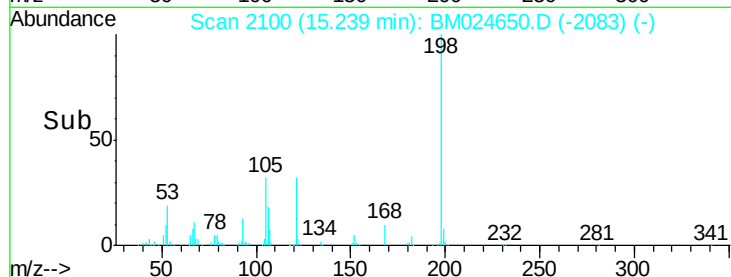
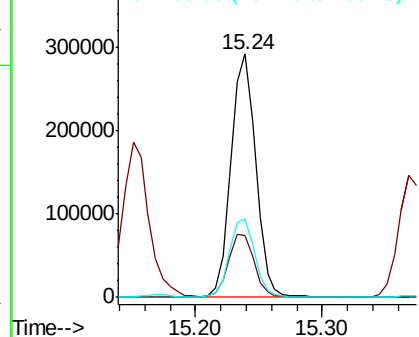
Tot Ion:	198	Resp:	394591
Ion Ratio	Lower	Upper	
198	100		
51	25.6	15.8	55.8
105	32.4	18.5	58.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.800 ng

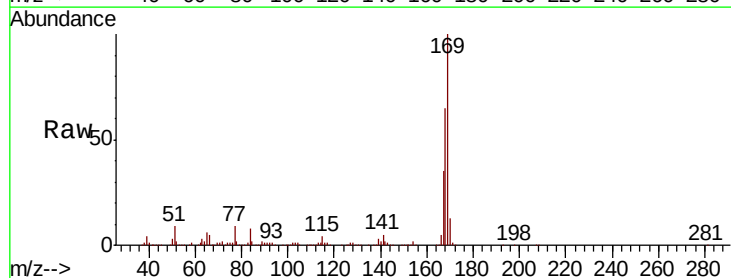
RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

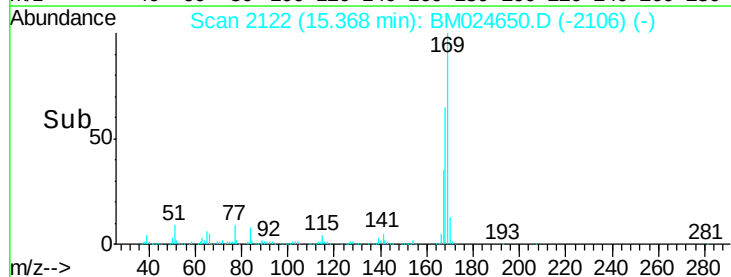
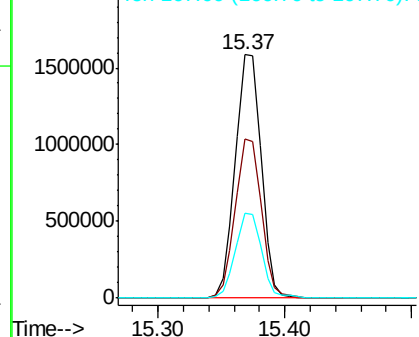
Lab File: BM024650.D

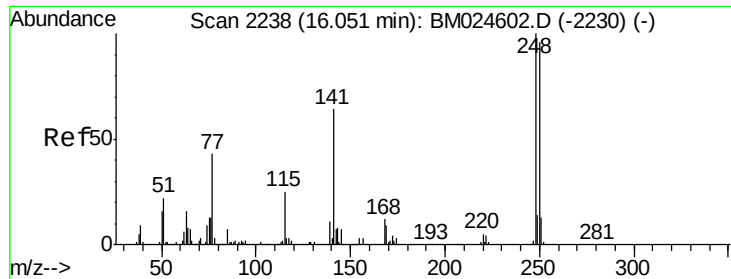
Acq: 29 Jan 2020 15:05

Tgt Ion:	169	Resp:	2237878
Ion Ratio	Lower	Upper	
169	100		
168	65.2	52.8	79.2
167	35.0	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





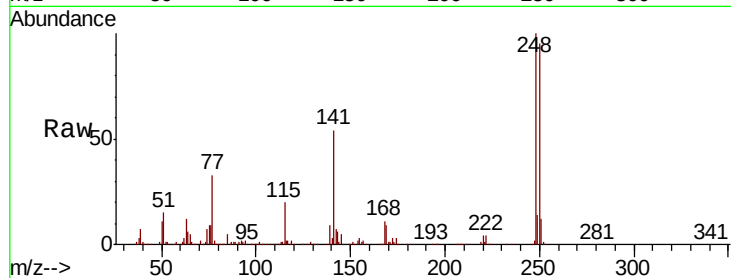
#67
4-Bromophenyl-phenylether
Concen: 44.536 ng
RT: 16.05 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampled :
PB126427BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.0	115.6
141	54.1	50.9	76.3

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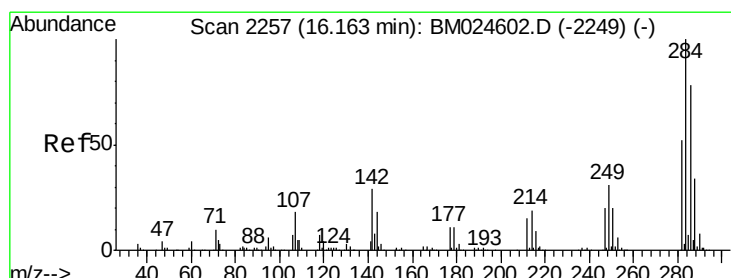
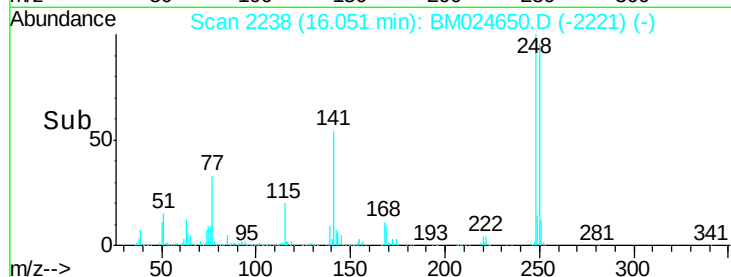
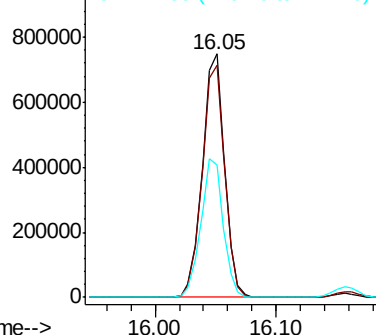


Abundance

Ion 248.00 (247.70 to 248.70): E

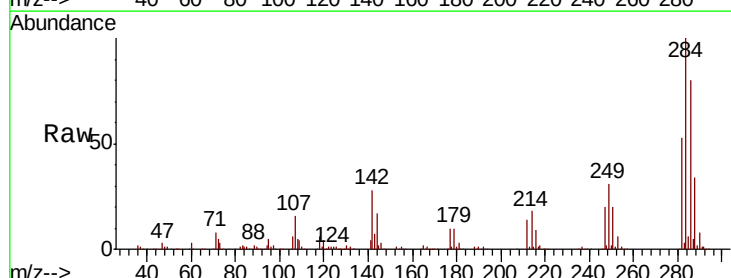
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.430 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	23.5	35.3
249	31.3	24.6	36.8

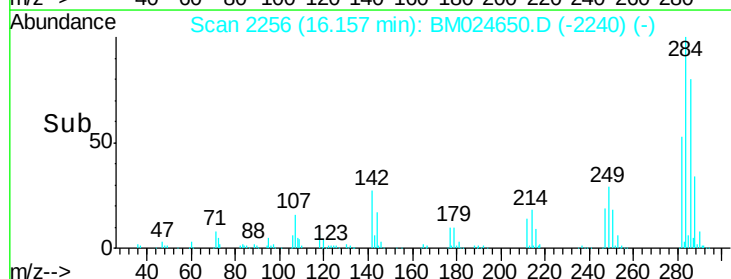
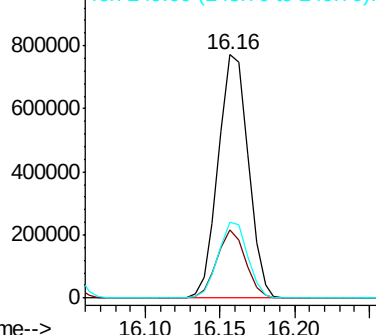


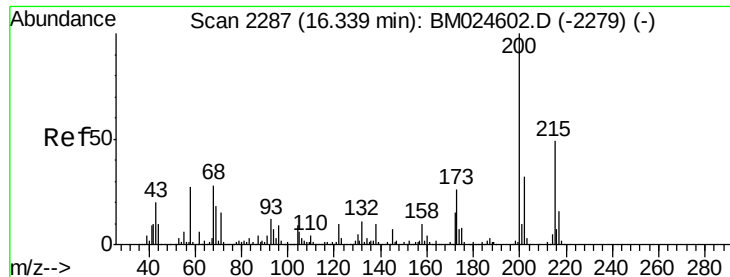
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





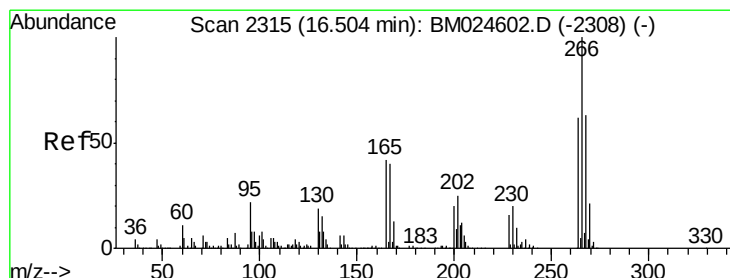
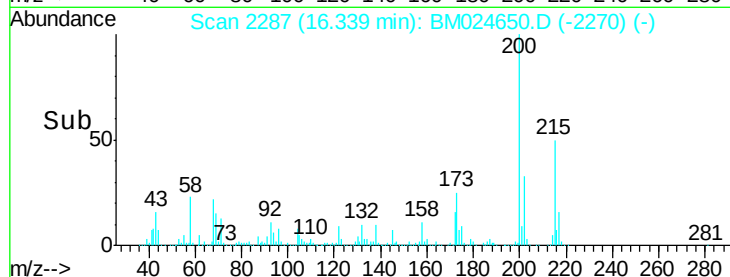
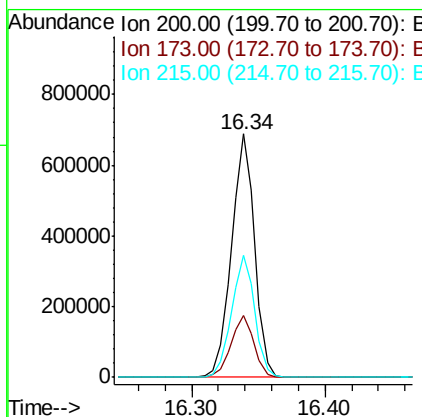
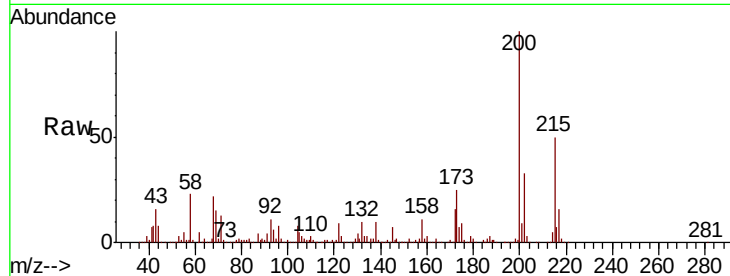
#69
Atrazine
Concen: 43.417 ng
RT: 16.34 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
200	100		832500		
173	25.3	5.5	45.5		
215	50.0	29.4	69.4		

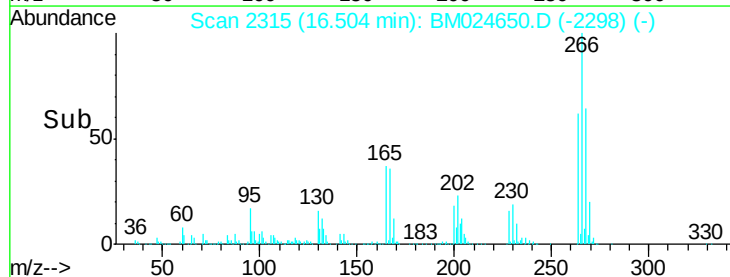
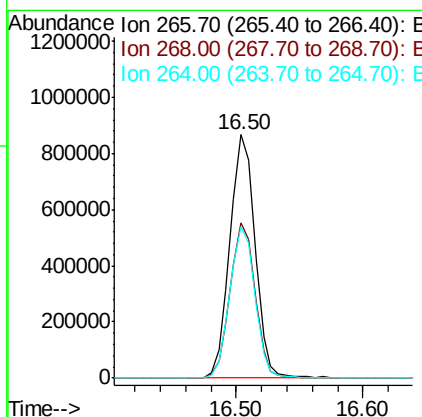
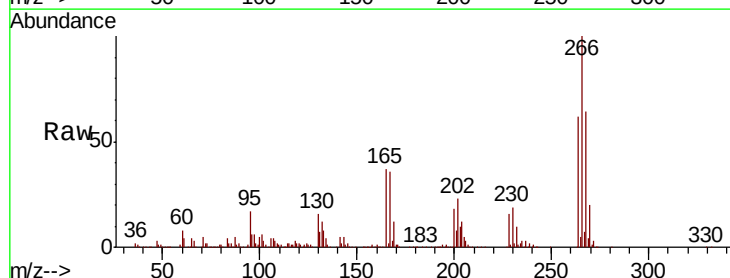
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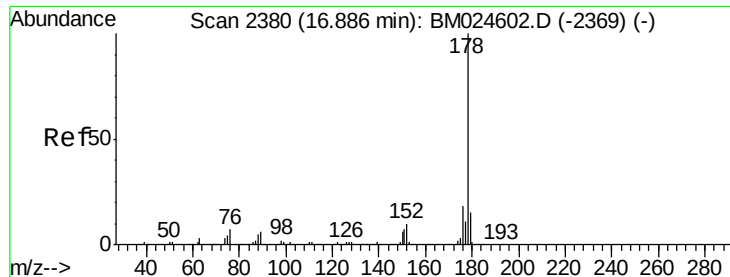
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#70
Pentachlorophenol
Concen: 78.901 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		1192707		
268	63.7	50.4	75.6		
264	62.2	49.9	74.9		





#71

Phenanthrene

Concen: 40.096 ng

RT: 16.89 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:178 Resp: 3775846

Ion Ratio Lower Upper

178 100

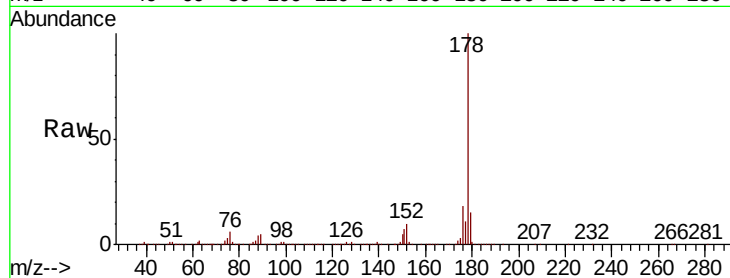
176 18.5 14.5 21.7

179 15.3 11.9 17.9

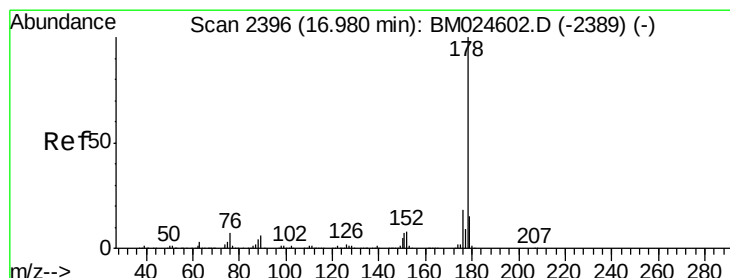
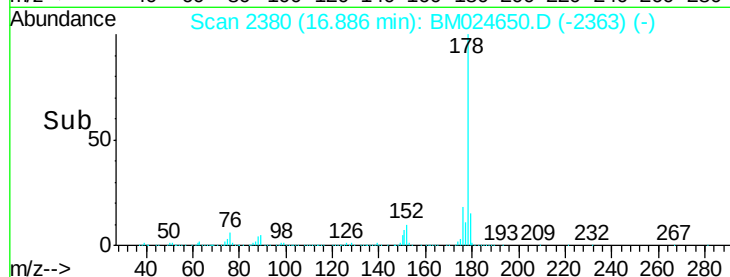
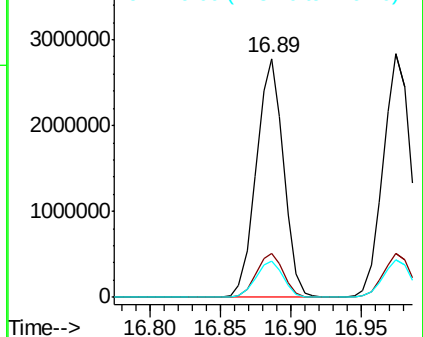
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.933 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

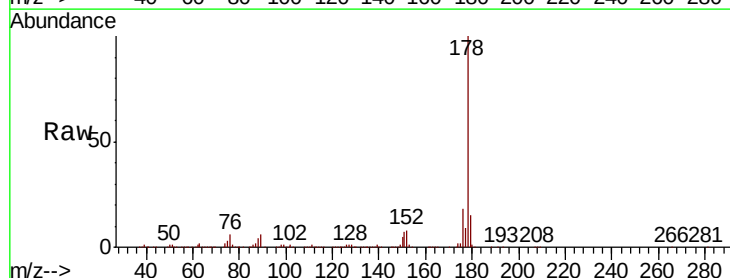
Tgt Ion:178 Resp: 3863877

Ion Ratio Lower Upper

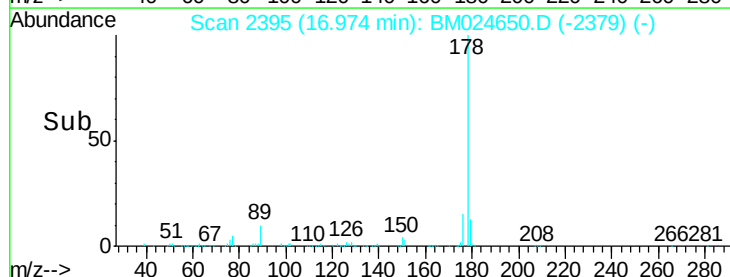
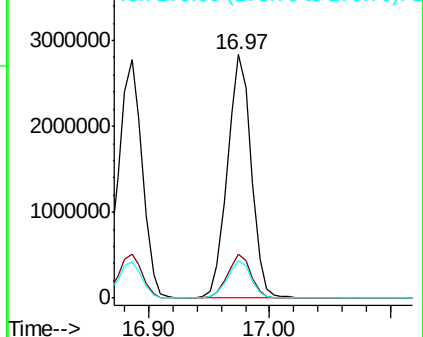
178 100

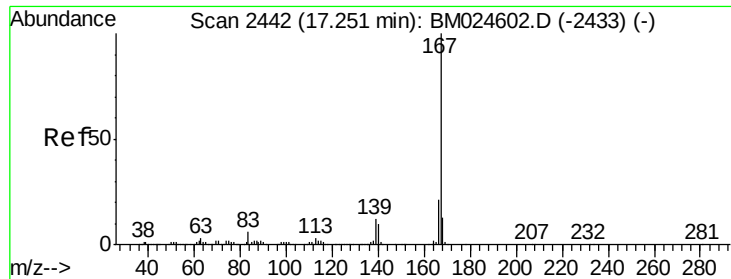
176 18.0 14.3 21.5

179 15.3 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





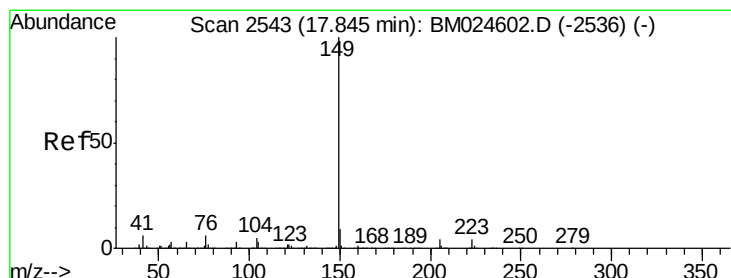
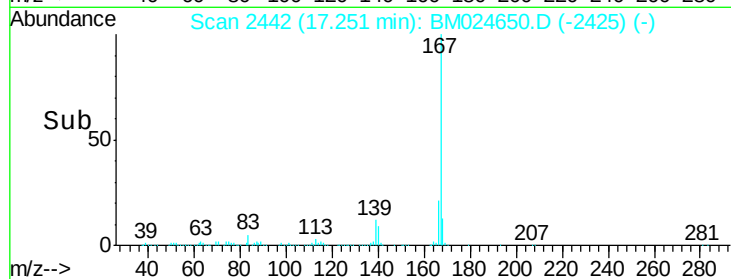
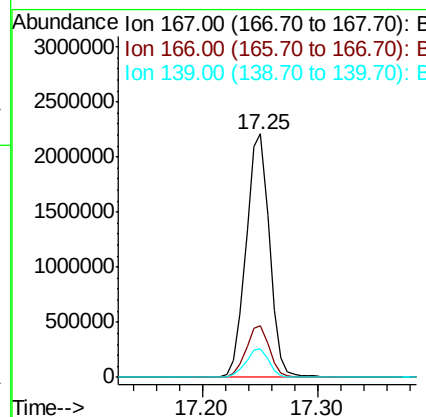
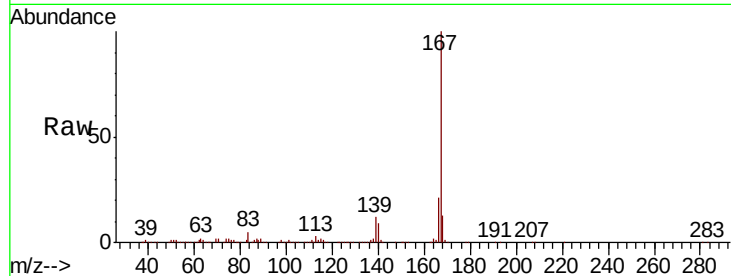
#73
 Carbazole
 Concen: 37.063 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	11.7	9.8	14.8

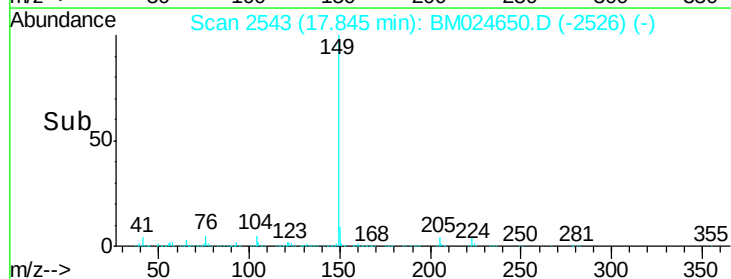
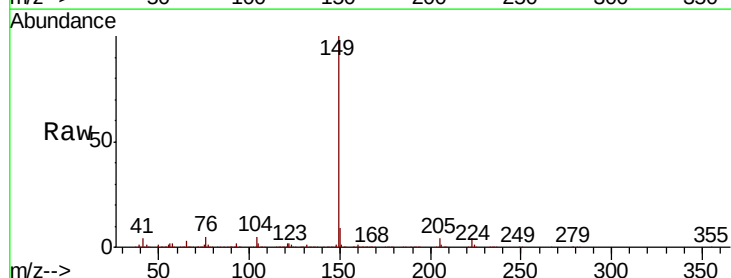
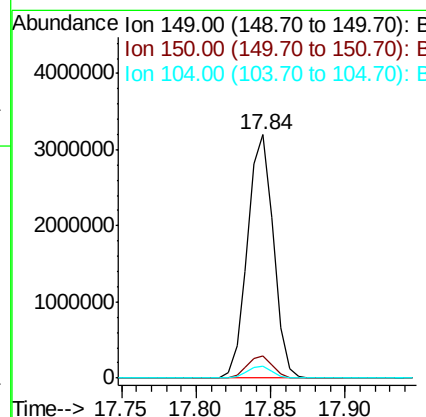
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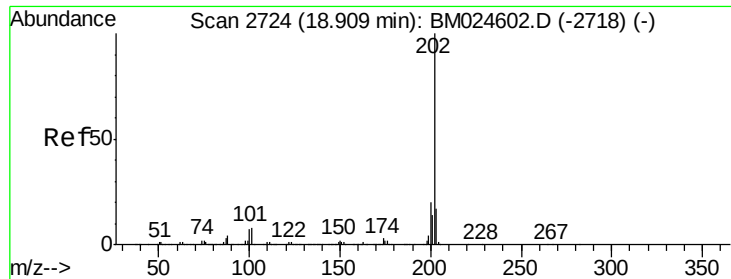
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#74
 Di-n-butylphthalate
 Concen: 35.640 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	4.3	6.5





#75

Fluoranthene

Concen: 34.394 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:202 Resp: 4042425

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.4

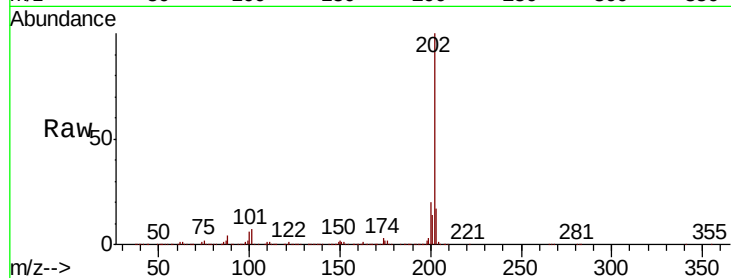
203 17.4 0.0 37.5

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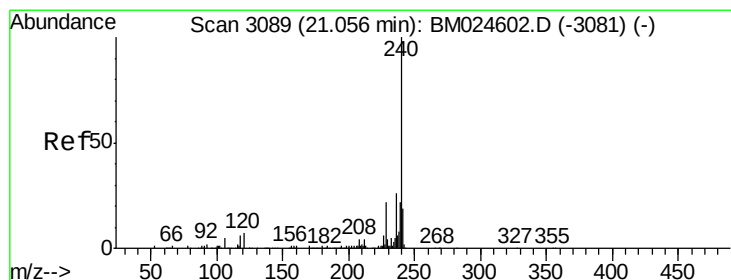
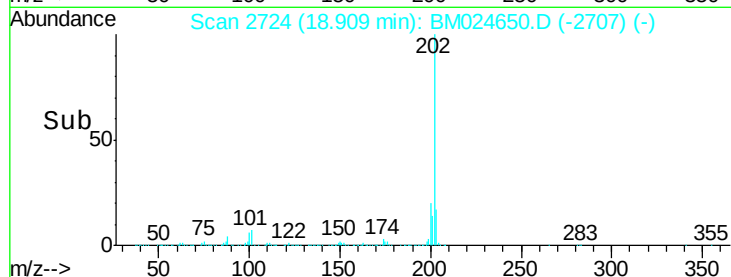
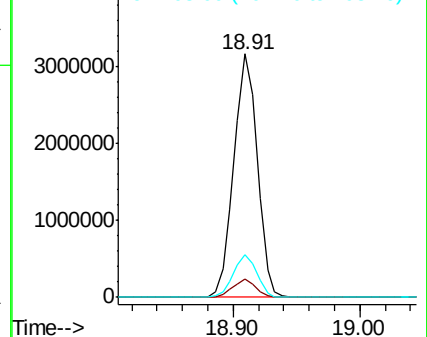
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

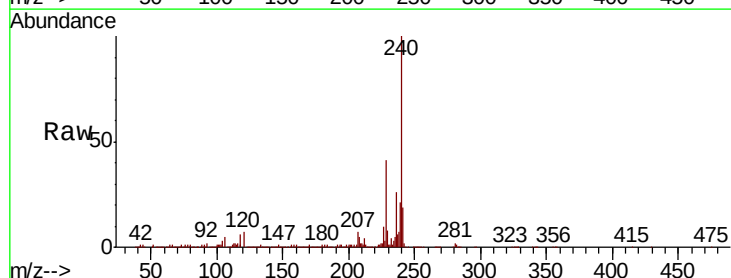
Tgt Ion:240 Resp: 1131252

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

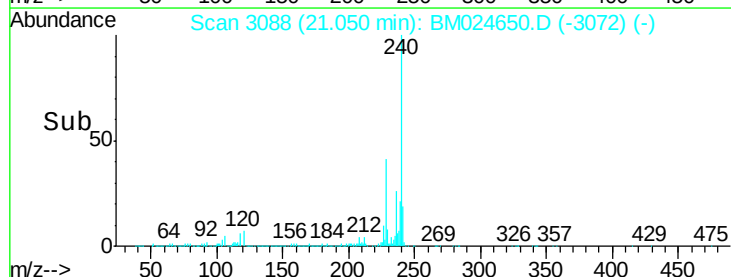
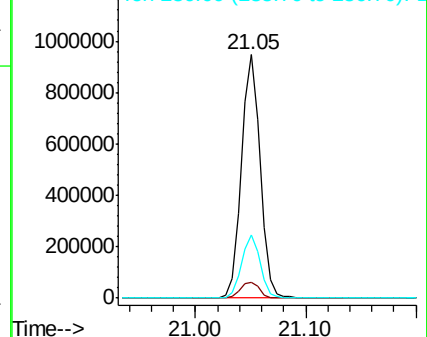
236 26.0 20.6 31.0

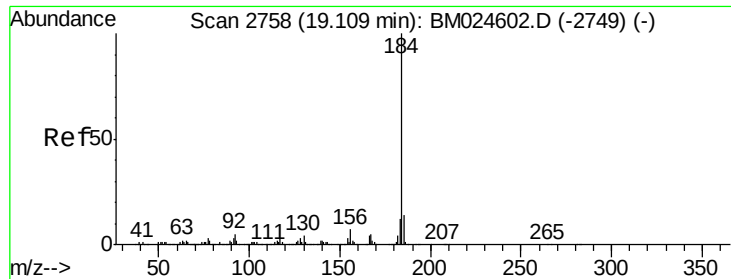


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 83.072 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:184 Resp: 2188550

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

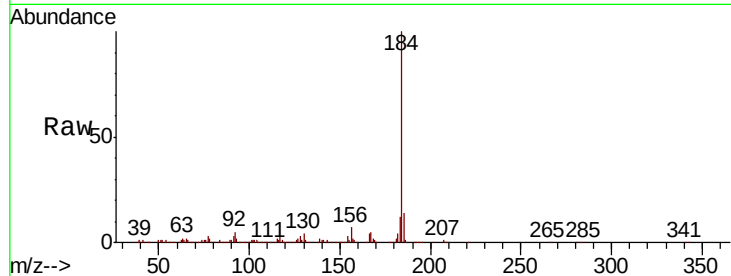
183 11.6 9.6 14.4

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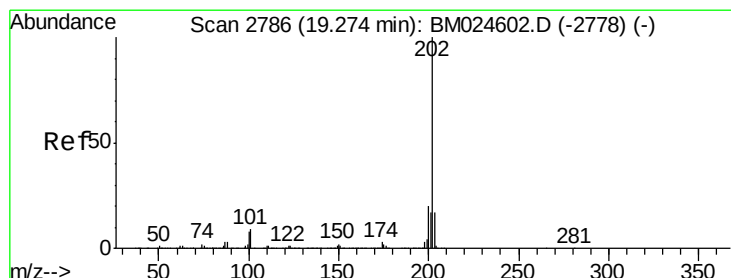
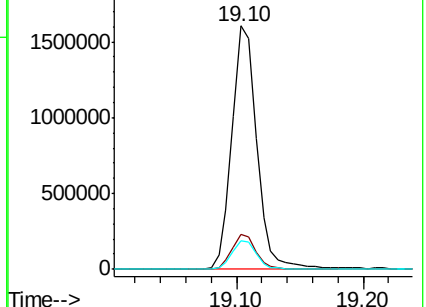
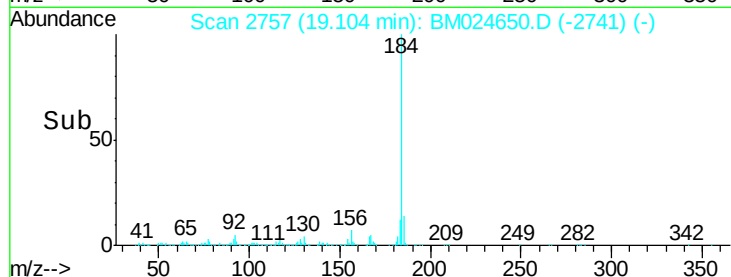
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.992 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

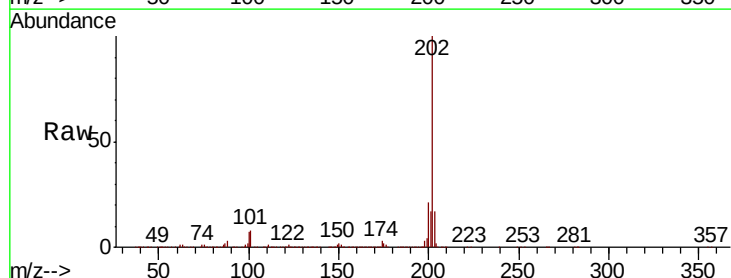
Tgt Ion:202 Resp: 3951917

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

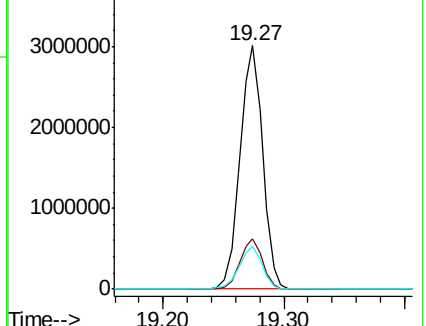
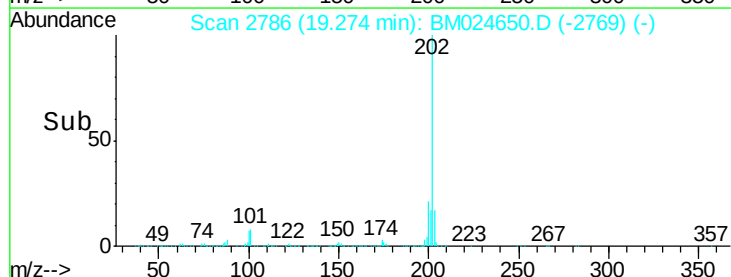
203 17.4 14.0 21.0

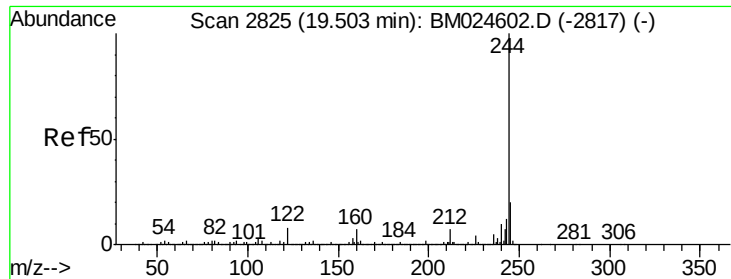


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.741 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:244 Resp: 5801417

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

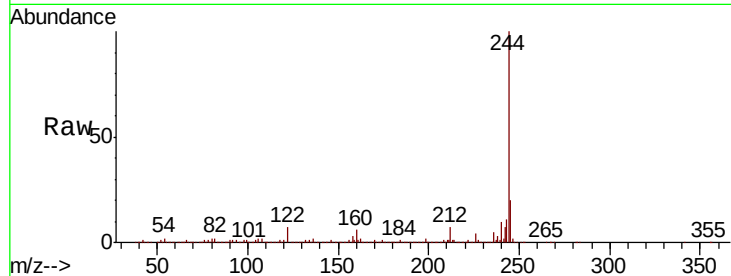
122 7.4 6.2 9.4

Manual Integrations

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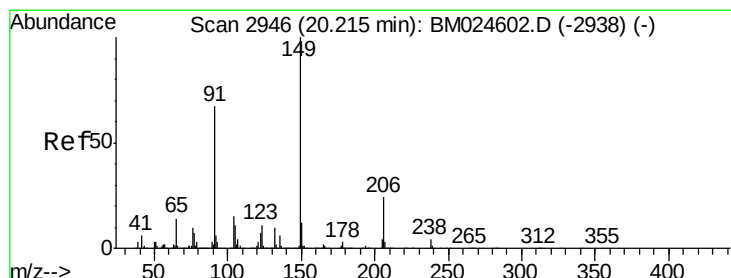
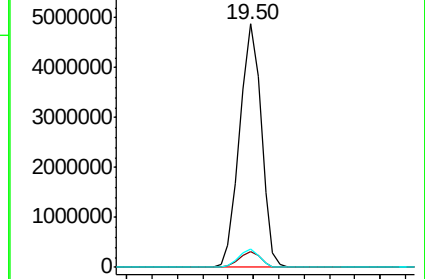
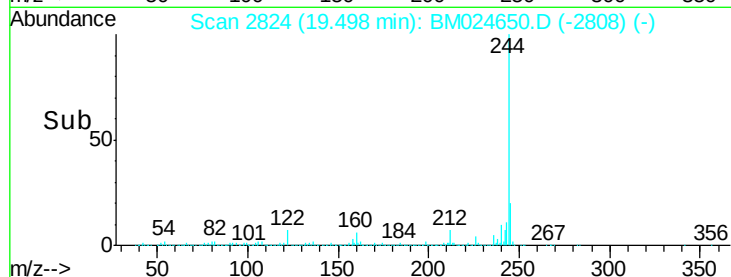
1/30/2020 10:18:55 AM



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: 42.369 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

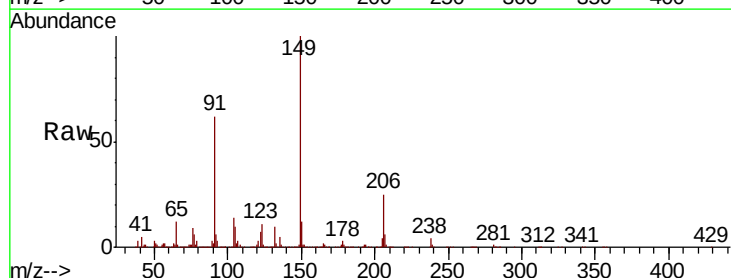
Tgt Ion:149 Resp: 1325875

Ion Ratio Lower Upper

149 100

91 61.7 53.9 80.9

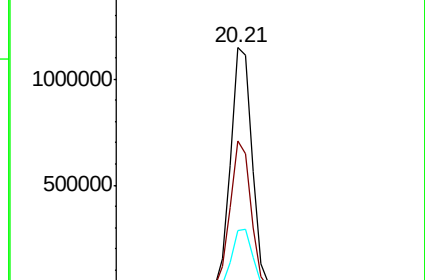
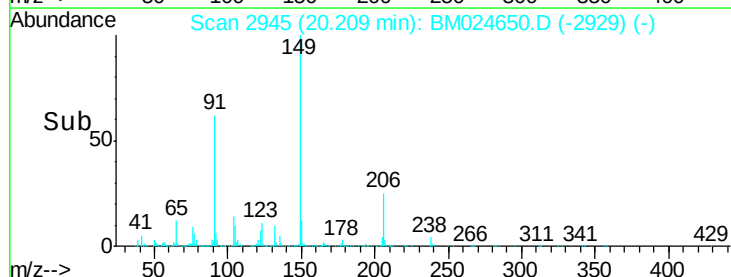
206 24.7 19.0 28.6

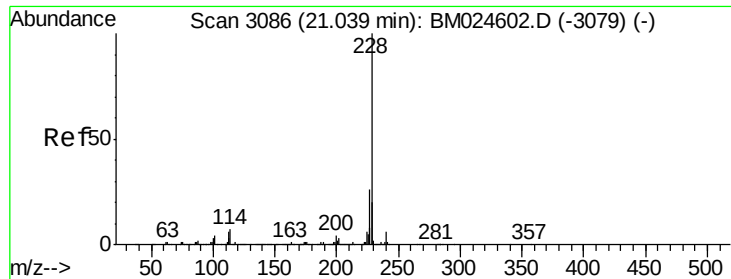


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.884 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:228 Resp: 3209988

Ion Ratio Lower Upper

228 100

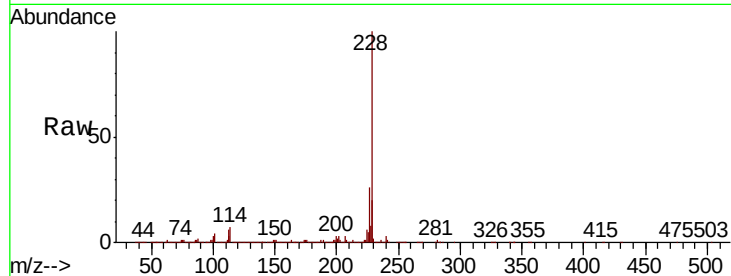
226 26.3 21.1 31.7

229 20.0 15.8 23.6

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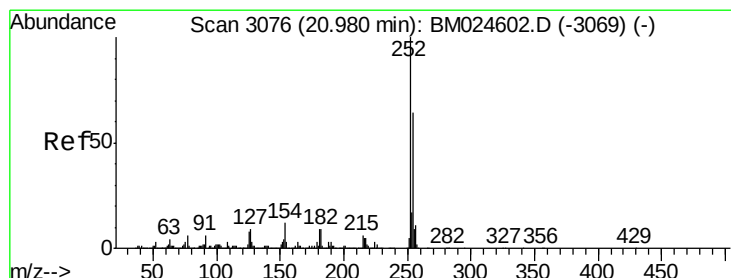
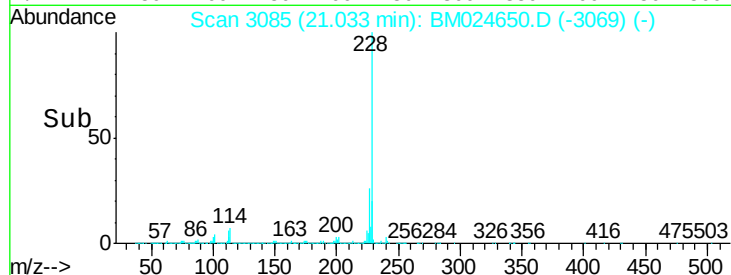
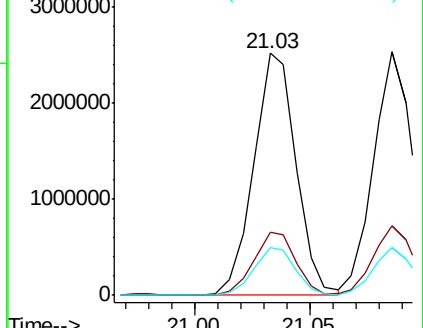
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.104 ng

RT: 20.98 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

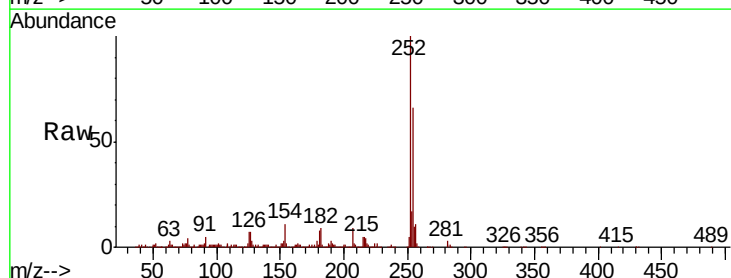
Tgt Ion:252 Resp: 850262

Ion Ratio Lower Upper

252 100

254 65.8 51.5 77.3

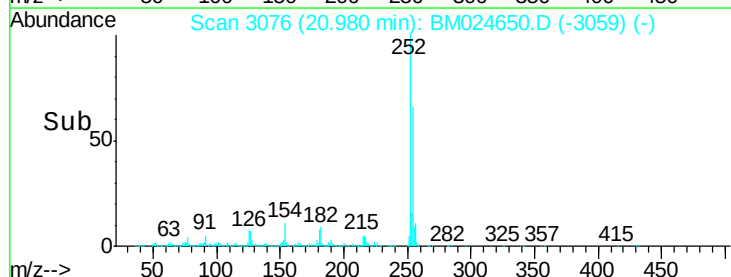
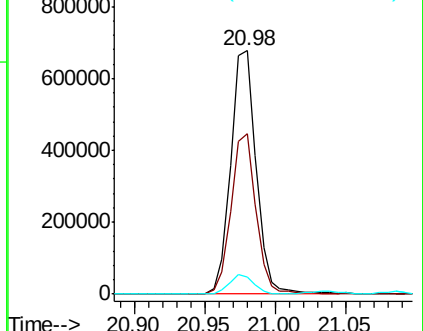
126 6.8 6.7 10.1

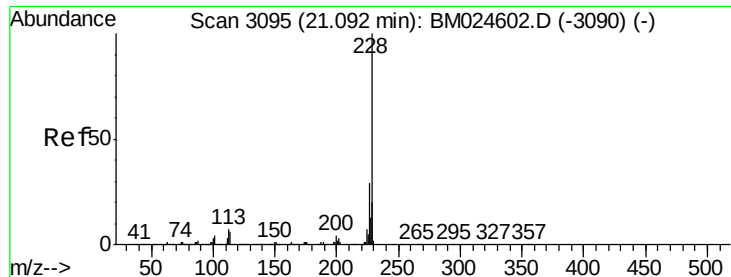


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





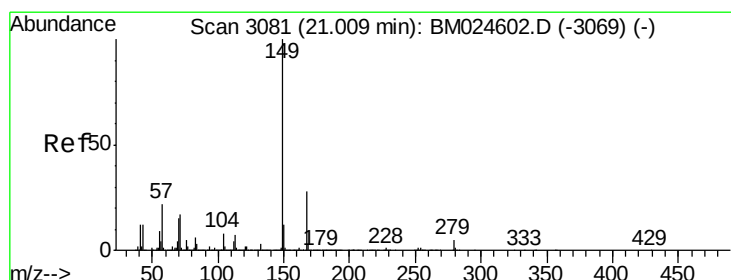
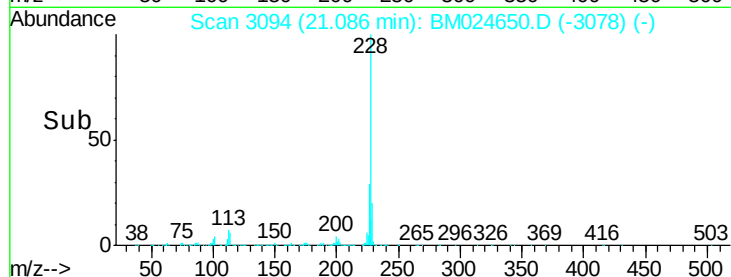
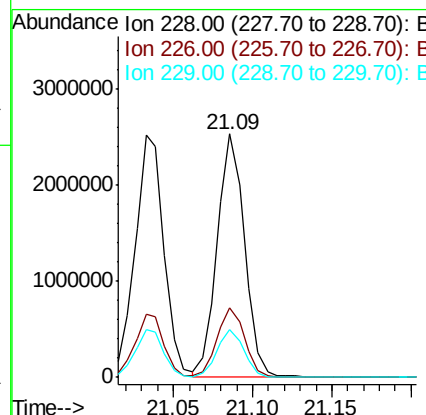
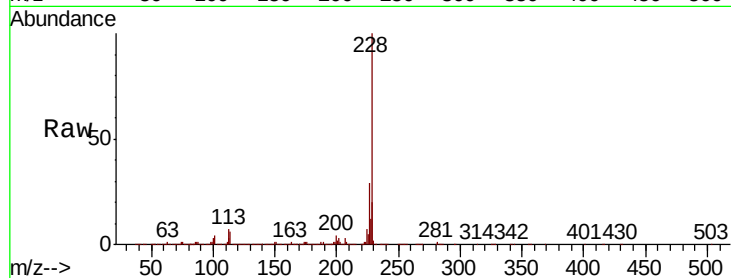
#83
 Chrysene
 Concen: 40.498 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion: 228 Resp: 3034101
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.2 34.8
 229 19.7 15.7 23.5

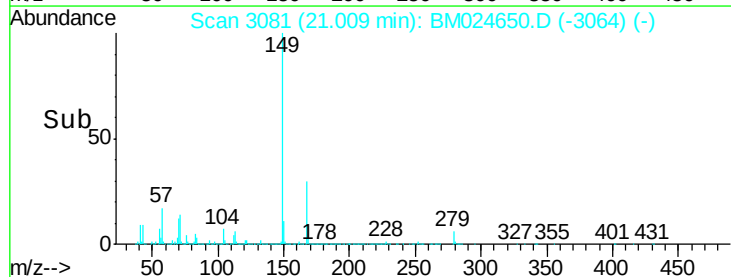
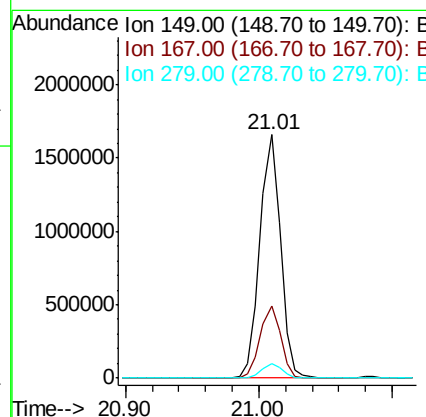
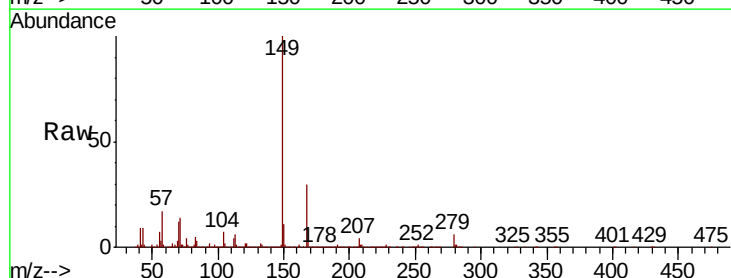
Manual Integrations
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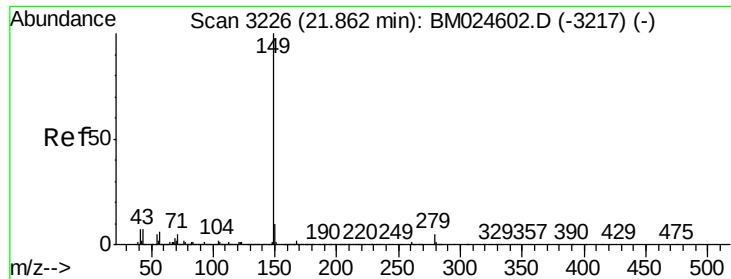
mohammad
 1/30/2020 10:18:55 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.060 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM024650.D
 Acq: 29 Jan 2020 15:05

Tgt Ion: 149 Resp: 1757384
 Ion Ratio Lower Upper
 149 100
 167 29.7 22.5 33.7
 279 6.1 4.0 6.0#





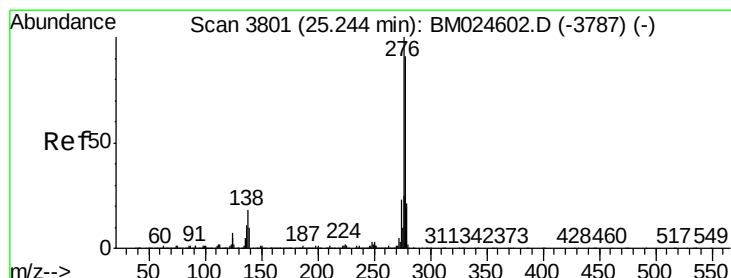
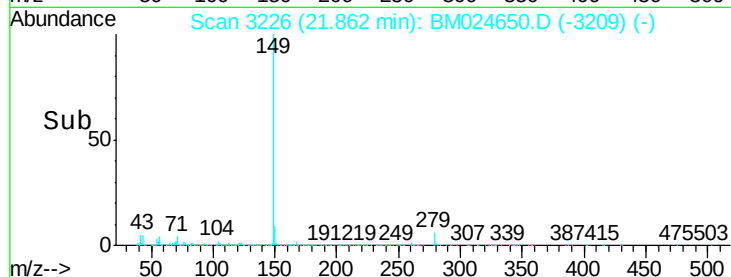
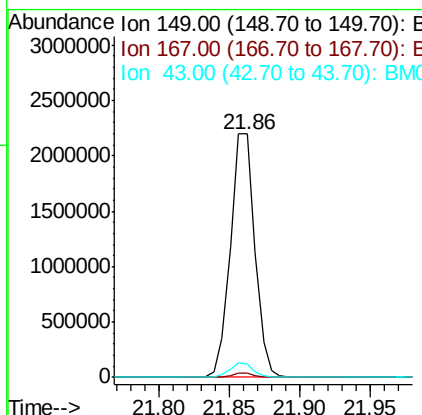
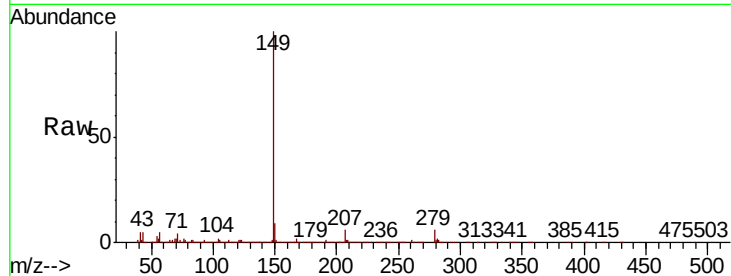
#85
Di-n-octyl phthalate
Concen: 34.667 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.6	5.8	8.6#

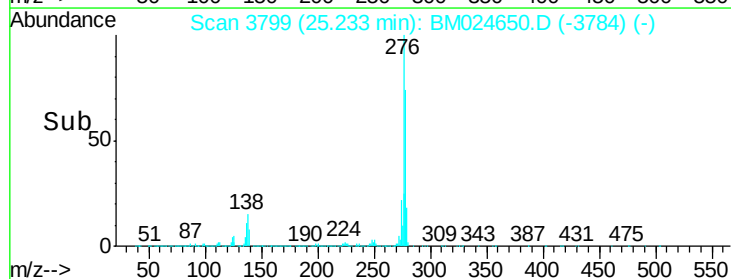
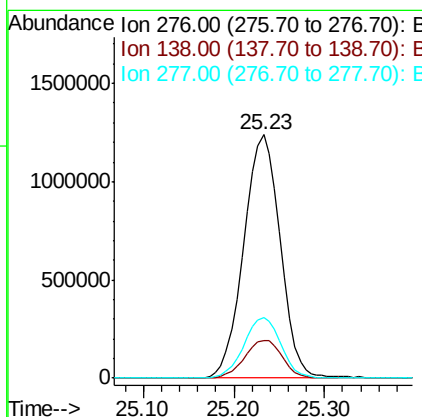
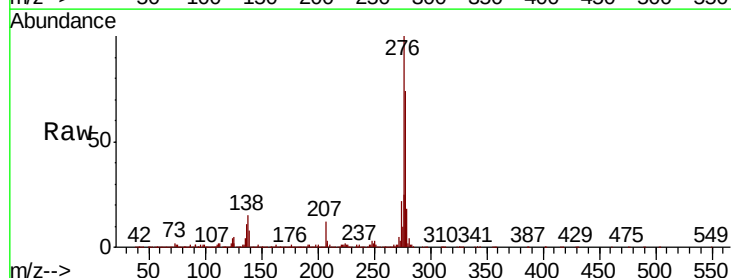
Manual Integrations
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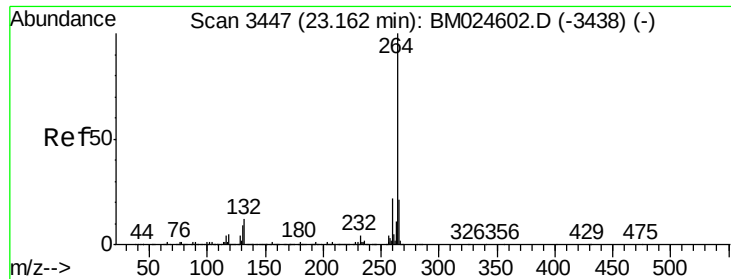
mohammad
1/30/2020 10:18:55 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.567 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.4	20.0
277	25.3	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: BM024650.D
Acq: 29 Jan 2020 15:05

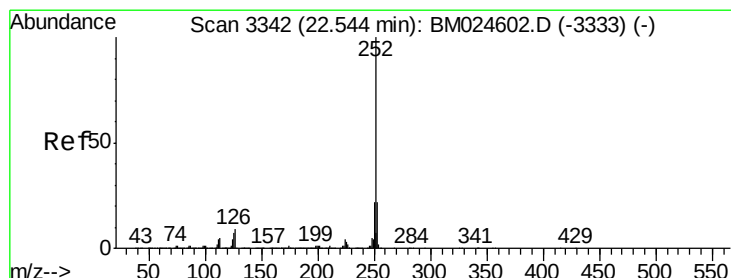
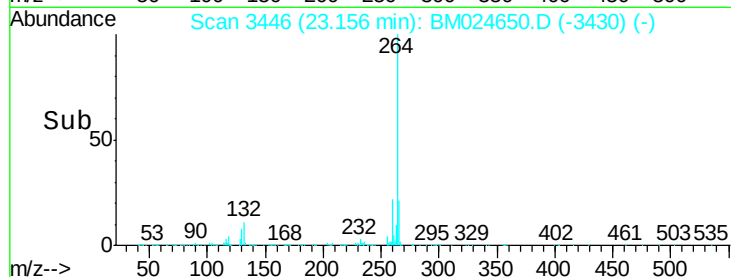
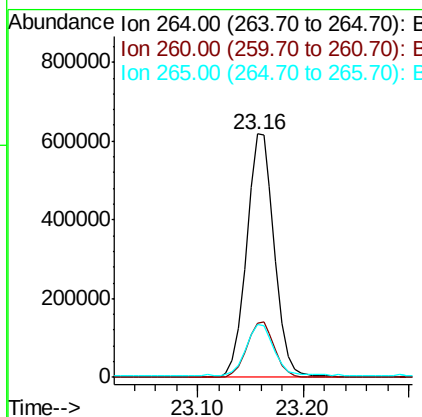
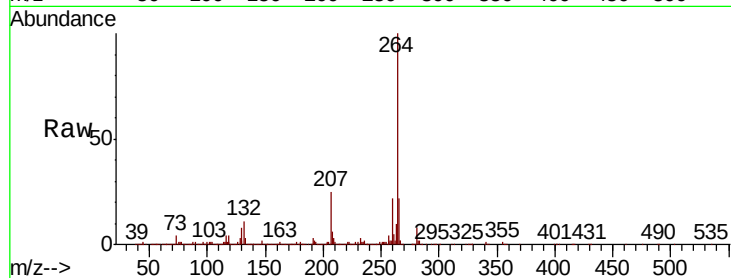
Instrument :
BNA_M
ClientSampled :
PB126427BS

Tot Ion:264 Resp: 1129273

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	21.9	17.3	25.9

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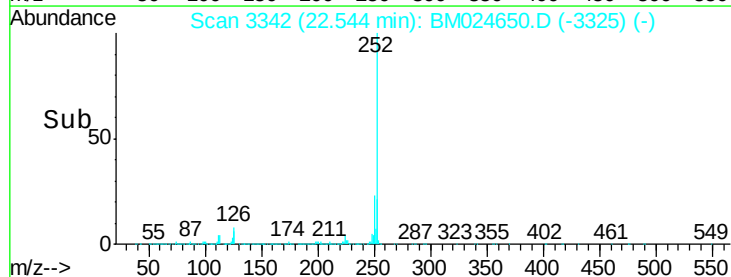
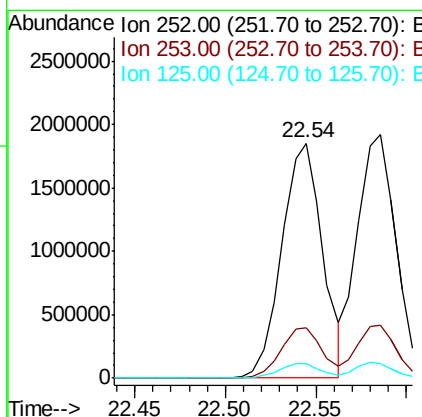
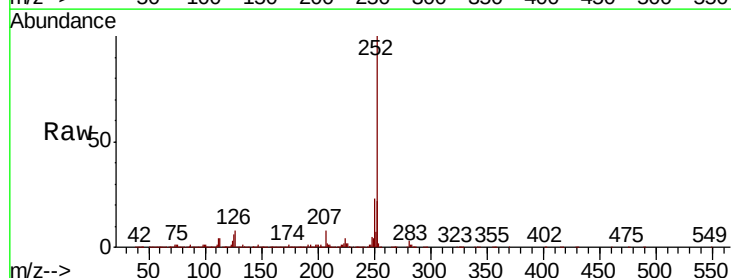
mohammad
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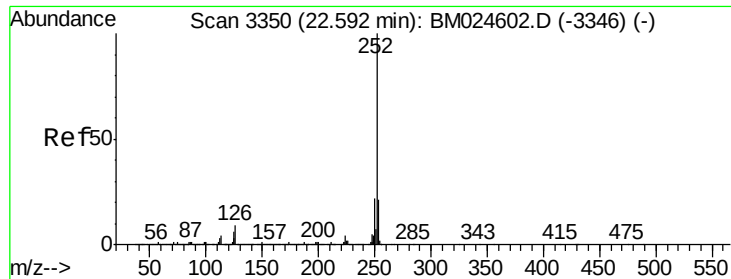


#88
Benzo(b)fluoranthene
Concen: 39.728 ng
RT: 22.54 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion:252 Resp: 2909734

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	6.0	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 39.918 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:252 Resp: 2853771

Ion Ratio Lower Upper

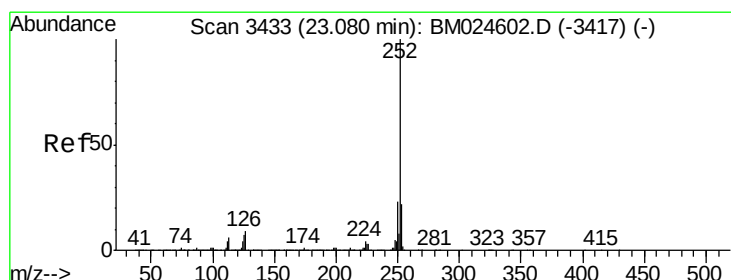
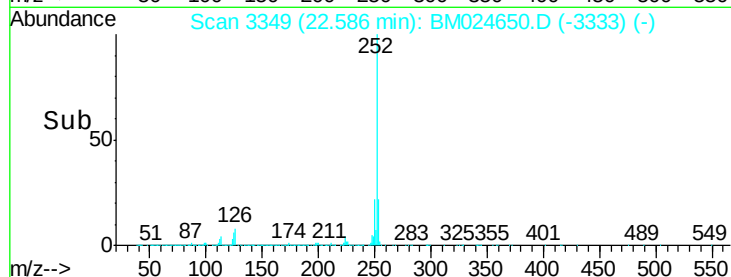
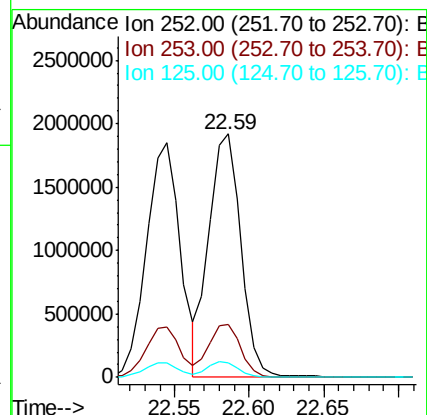
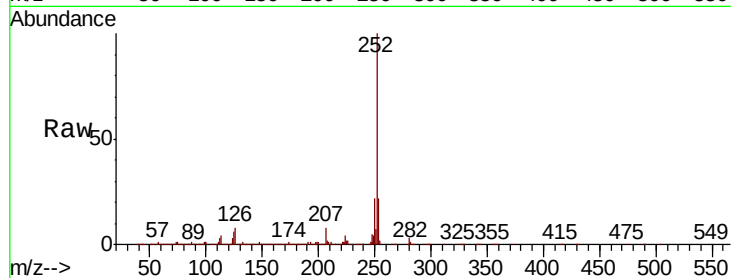
252 100

253 21.7 17.3 25.9

125 6.1 5.2 7.8

Manual Integrations
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mohammad
1/30/2020 10:18:55 AM



#90

Benzo(a)pyrene

Concen: 39.255 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024650.D

Acq: 29 Jan 2020 15:05

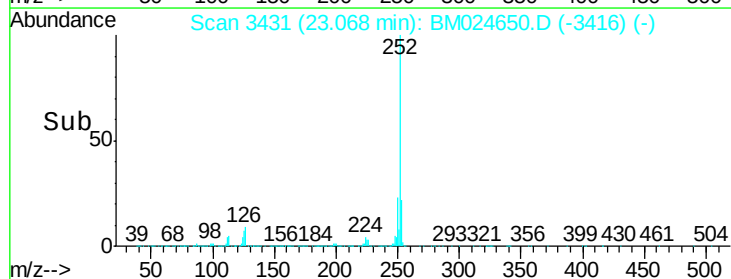
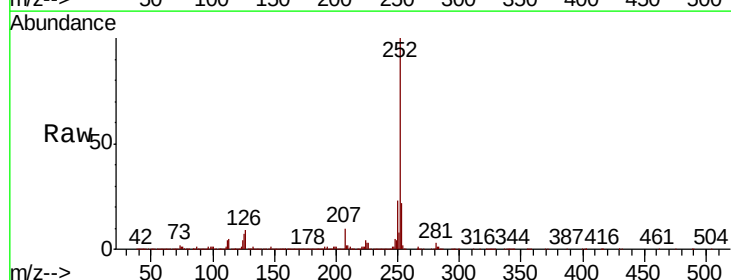
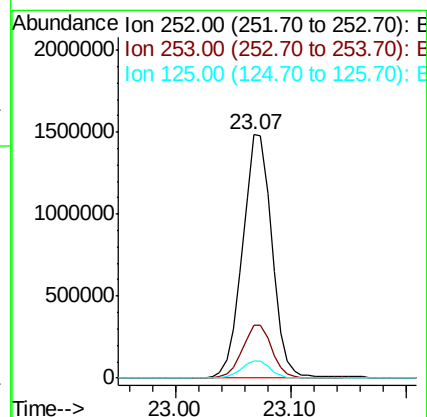
Tgt Ion:252 Resp: 2614009

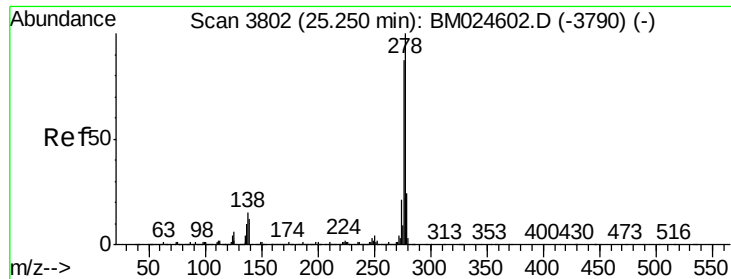
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 7.1 5.8 8.8





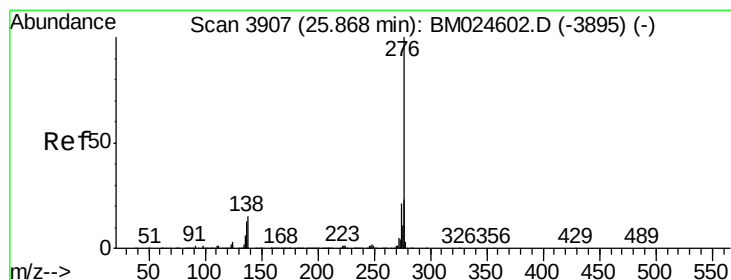
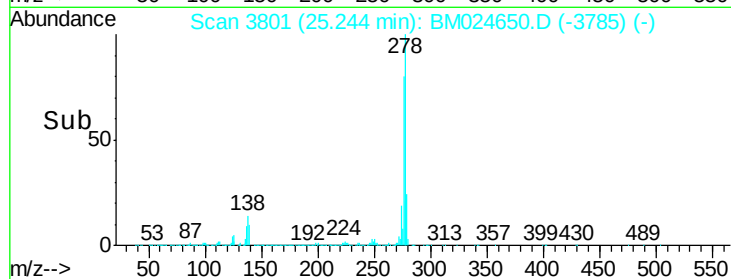
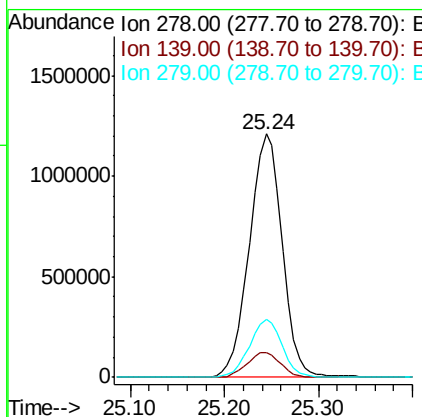
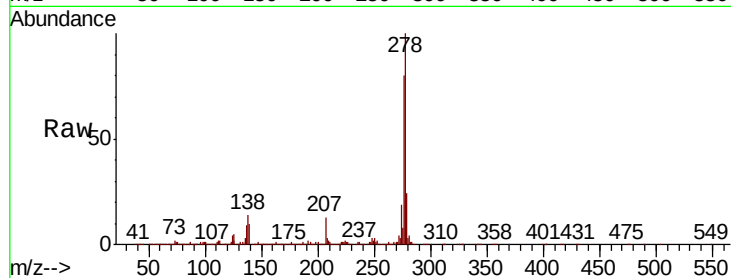
#91
Dibenzo(a,h)anthracene
Concen: 46.441 ng
RT: 25.24 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.3	13.9
279	24.1	18.9	28.3

Manual Integrations
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mohammad
1/30/2020 10:18:55 AM



#92
Benzo(g,h,i)perylene
Concen: 51.979 ng
RT: 25.86 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM024650.D
Acq: 29 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	13.7	11.9	17.9

