

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
 Data File : BM024635.D
 Acq On : 28 Jan 2020 11:07
 Operator : CG/JU
 Sample : PB126361BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Manual Integrations
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mohammad
 1/30/2020 8:03:05 AM

Quant Time: Jan 28 15:16:33 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	7.45	152	326756	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1199881	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	807174	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1685557	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1218125	20.00	ng	0.00
87) Perylene-d12	23.16	264	1102307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	2278784	132.63	ng	0.00
7) Phenol-d6	6.65	99	2793330	118.02	ng	0.00
23) Nitrobenzene-d5	8.59	82	1572657	64.28	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1604484	122.20	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4396646	74.05	ng	0.00
79) Terphenyl-d14	19.50	244	6066079	92.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	284605	41.874	ng	93
3) Pyridine	3.46	79	617597	31.345	ng	94
4) n-Nitrosodimethylamine	3.37	42	285477	32.642	ng	85
6) Aniline	6.79	93	1007958	34.982	ng	96
8) 2-Chlorophenol	7.02	128	875554	44.764	ng	91
9) Benzaldehyde	6.59	77	387686	27.721	ng	91
10) Phenol	6.67	94	984744	41.738	ng	94
11) bis(2-Chloroethyl)ether	6.89	93	733327	38.825	ng	95
12) 1,3-Dichlorobenzene	7.33	146	987260	41.087	ng	97
13) 1,4-Dichlorobenzene	7.48	146	1012537	41.537	ng	96
14) 1,2-Dichlorobenzene	7.79	146	948857	40.325	ng	97
15) Benzyl Alcohol	7.69	79	714857	36.632	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.99	45	545163	31.528	ng	96
17) 2-Methylphenol	7.90	107	689632	41.478	ng	96
18) Hexachloroethane	8.50	117	352406	37.437	ng	96
19) n-Nitroso-di-n-propylamine	8.26	70	576260	32.427	ng	94
20) 3+4-Methylphenols	8.23	107	923203	40.112	ng	97
22) Acetophenone	8.26	105	1173027	37.914	ng	96
24) Nitrobenzene	8.63	77	884956	37.744	ng	92
25) Isophorone	9.16	82	1577386	37.943	ng	96
26) 2-Nitrophenol	9.33	139	499169	45.978	ng	90
27) 2,4-Dimethylphenol	9.41	122	780692	52.917	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	976109	38.436	ng	99
29) 2,4-Dichlorophenol	9.86	162	948796	47.601	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	1063818	44.254	ng	99
31) Naphthalene	10.25	128	2573269	42.461	ng	99
32) Benzoic acid	9.58	122	521296m	38.627	ng	
33) 4-Chloroaniline	10.36	127	462193	17.399	ng	96
34) Hexachlorobutadiene	10.55	225	705498	42.454	ng	99
35) Caprolactam	11.16	113	243731m	38.114	ng	
36) 4-Chloro-3-methylphenol	11.51	107	851194	40.161	ng	93
37) 2-Methylnaphthalene	11.87	142	1989128	42.532	ng	98
38) 1-Methylnaphthalene	12.10	142	1872907	42.100	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1224749	42.514	ng	99

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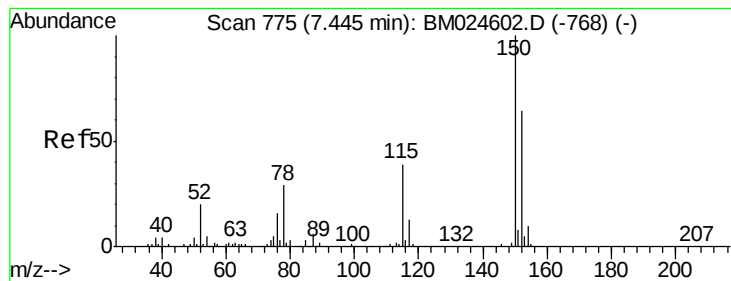
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1937394	119.982	nq	99
43) 2,4,6-Trichlorophenol	12.51	196	819888	44.724	nq	99
44) 2,4,5-Trichlorophenol	12.58	196	868815	46.406	nq	96
46) 1,1'-Biphenyl	12.92	154	2605448	42.653	nq	99
47) 2-Chloronaphthalene	12.95	162	2087198	42.324	nq	97
48) 2-Nitroaniline	13.16	65	471621	31.357	nq #	81
49) Acenaphthylene	13.81	152	3206685	43.437	nq	100
50) Dimethylphthalate	13.57	163	2582677	39.569	nq	100
51) 2,6-Dinitrotoluene	13.67	165	577654	41.627	nq #	83
52) Acenaphthene	14.16	154	1887775	41.209	nq	99
53) 3-Nitroaniline	14.00	138	360287	25.032	nq	94
54) 2,4-Dinitrophenol	14.21	184	667656	80.457	nq #	88
55) Dibenzofuran	14.50	168	3135711	41.972	nq	96
56) 4-Nitrophenol	14.34	139	884551	78.622	nq #	84
57) 2,4-Dinitrotoluene	14.47	165	779296	39.184	nq #	86
58) Fluorene	15.15	166	2477034	39.453	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	797703	42.015	nq #	95
60) Diethylphthalate	14.95	149	2459260	37.113	nq	99
61) 4-Chlorophenyl-phenylether	15.16	204	1422163	39.290	nq	98
62) 4-Nitroaniline	15.17	138	502223	31.612	nq	89
63) Azobenzene	15.45	77	1936334	34.258	nq	93
65) 4,6-Dinitro-2-methylphenol	15.24	198	462300	46.647	nq	86
66) n-Nitrosodiphenylamine	15.37	169	2187888	45.188	nq	99
67) 4-Bromophenyl-phenylether	16.05	248	936575	44.681	nq	94
68) Hexachlorobenzene	16.16	284	1073160	44.614	nq	95
69) Atrazine	16.34	200	830865	44.706	nq	98
70) Pentachlorophenol	16.50	266	1279663	87.338	nq	99
71) Phenanthrene	16.89	178	3793595	41.562	nq	99
72) Anthracene	16.97	178	3903279	43.704	nq	99
73) Carbazole	17.25	167	3208965	39.469	nq	99
74) Di-n-butylphthalate	17.84	149	3831816	36.866	nq	99
75) Fluoranthene	18.91	202	4263489	37.425	nq	99
77) Benzidine	19.10	184	2346488	82.715	nq	99
78) Pyrene	19.27	202	4258415	53.029	nq	99
80) Butylbenzylphthalate	20.21	149	1413760	41.956	nq	96
81) Benzo(a)anthracene	21.03	228	3583116	42.381	nq	100
82) 3,3'-Dichlorobenzidine	20.98	252	924467	30.397	nq	99
83) Chrysene	21.09	228	3355493	41.594	nq	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1919308	38.603	nq #	98
85) Di-n-octyl phthalate	21.86	149	2819485	34.324	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3292856	37.449	nq	99
88) Benzo(b)fluoranthene	22.54	252	3069010	42.927	nq	99
89) Benzo(k)fluoranthene	22.59	252	3000707	43.000	nq	100
90) Benzo(a)pyrene	23.07	252	2701290	41.558	nq	99
91) Dibenzo(a,h)anthracene	25.24	278	2770725	44.911	nq	98
92) Benzo(g,h,i)perylene	25.86	276	2785769	49.729	nq	99

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



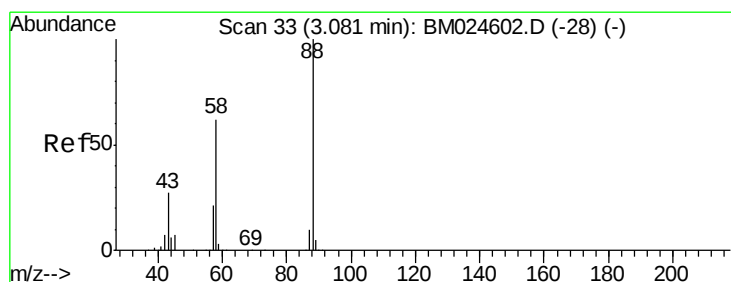
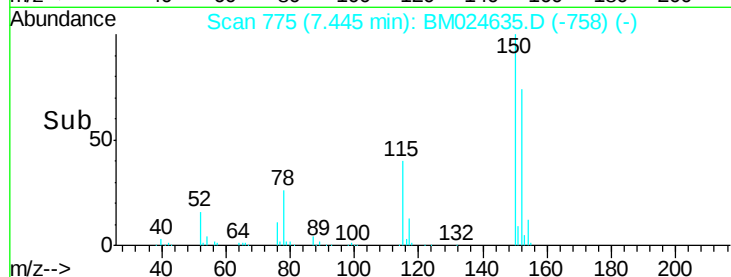
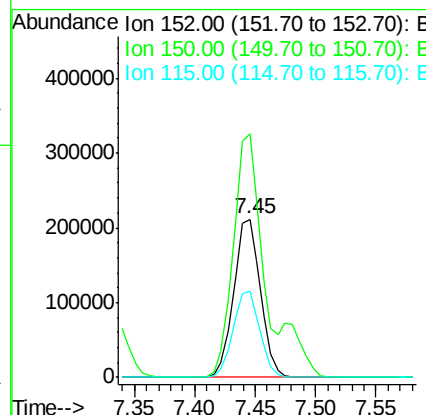
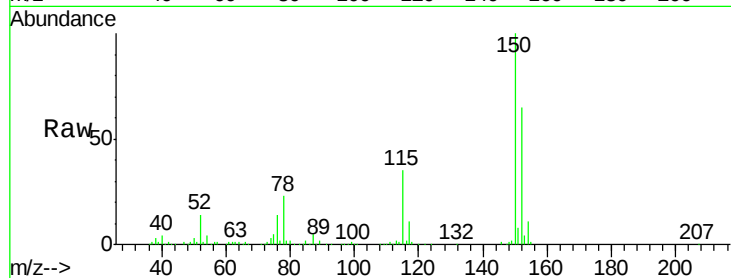
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.45 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.4
115	54.3	48.6	72.8

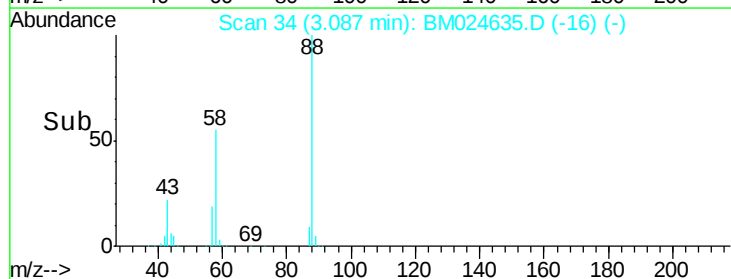
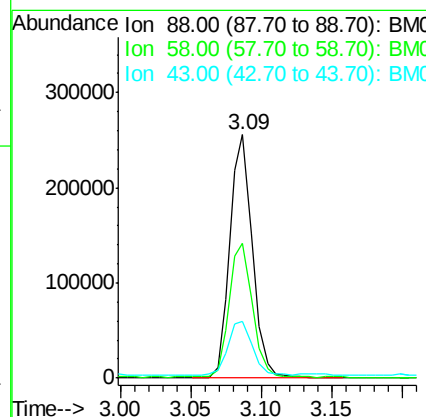
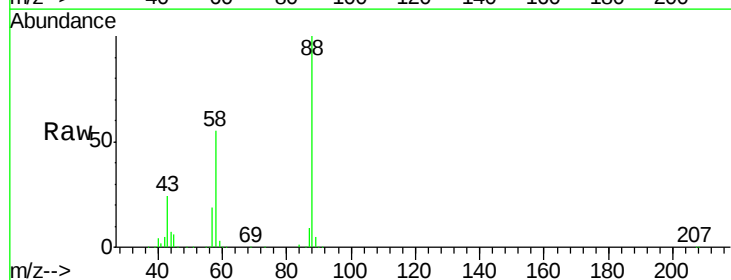
Manual Integrations
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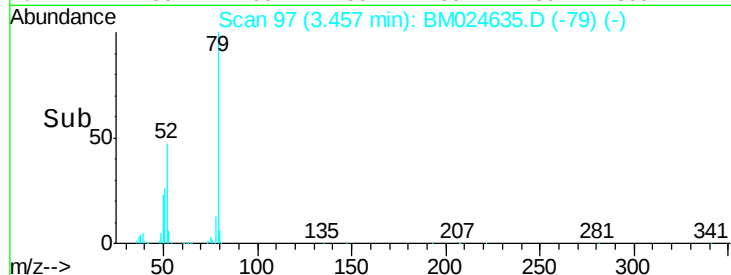
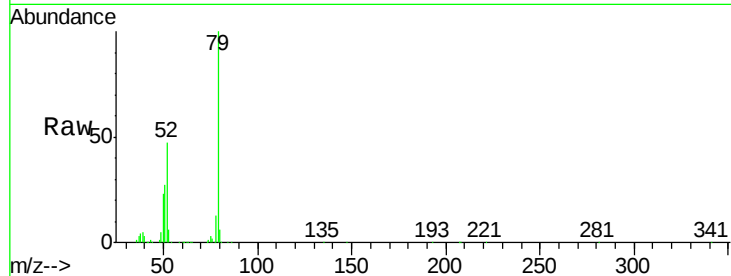
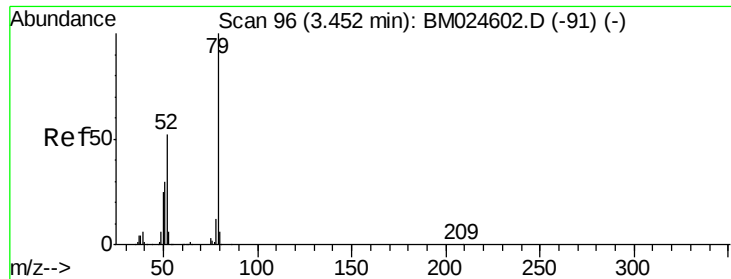
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#2
 1,4-Dioxane
 Concen: 41.874 ng
 RT: 3.09 min Scan# 34
 Delta R.T. 0.01 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.1	50.0	75.0
43	23.9	21.6	32.4





#3

Pvridine

Concen: 31.345 ng

RT: 3.46 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		617597		
52	47.0			41.4	62.2
51	26.6			23.8	35.8

Instrument :

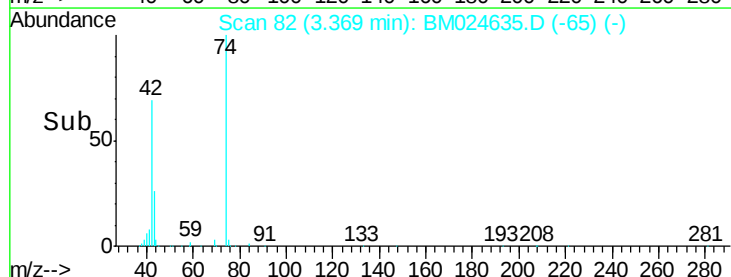
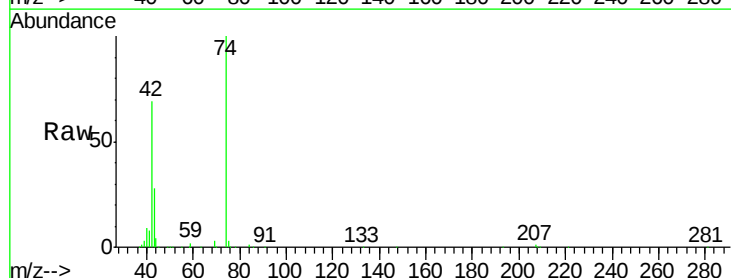
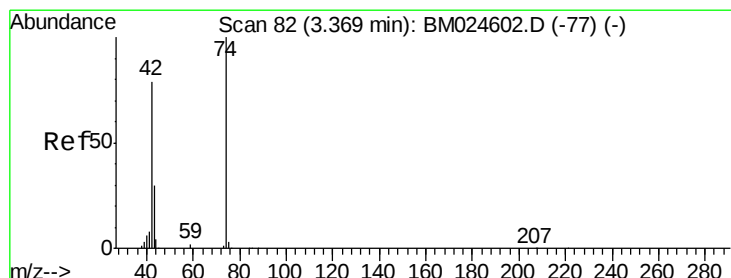
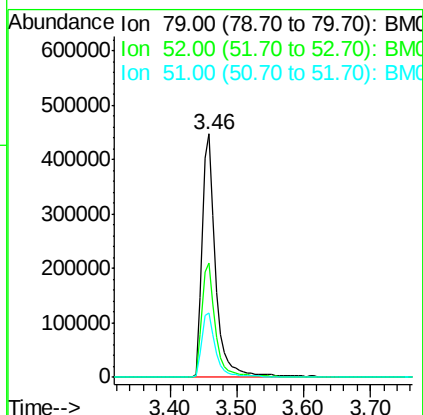
BNA_M

ClientSampleId :

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#4

n-Nitrosodimethylamine

Concen: 32.642 ng

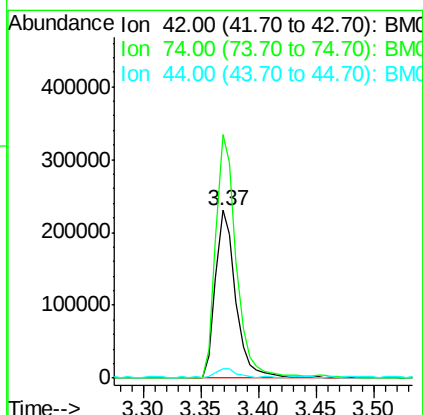
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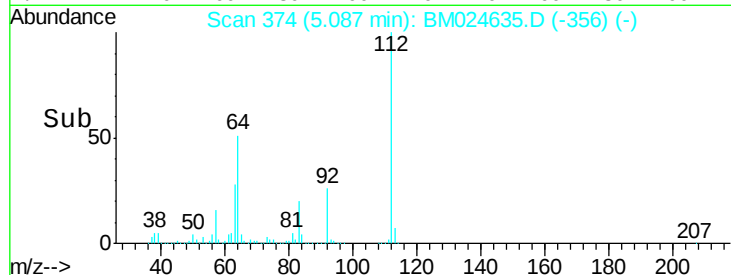
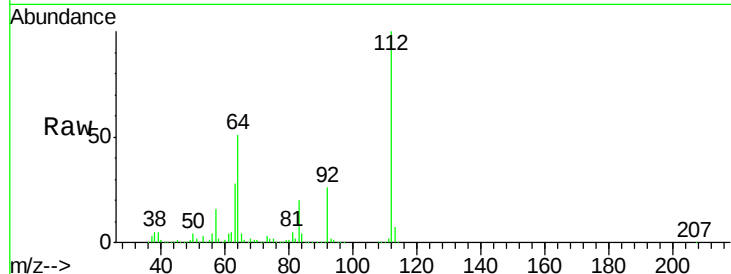
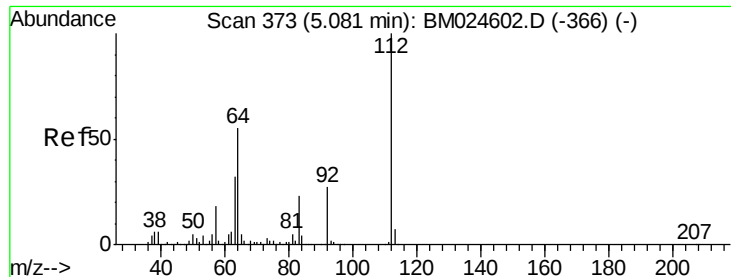
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		285477		
74	145.2			101.4	152.2
44	5.8			4.6	6.8





#5

2-Fluorophenol

Concen: 132.628 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tot Ion:	112	Resp:	2278784
Ion	Ratio	Lower	Upper
112	100		
64	51.2	44.2	66.4
63	28.3	25.9	38.9

Instrument :

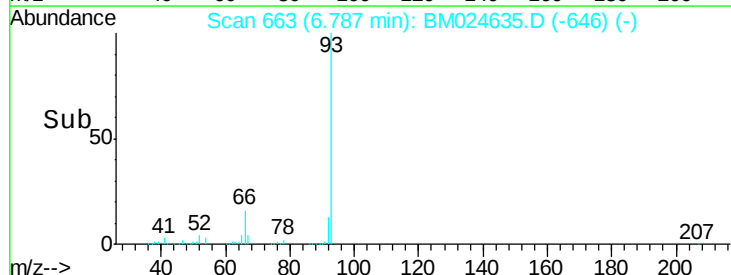
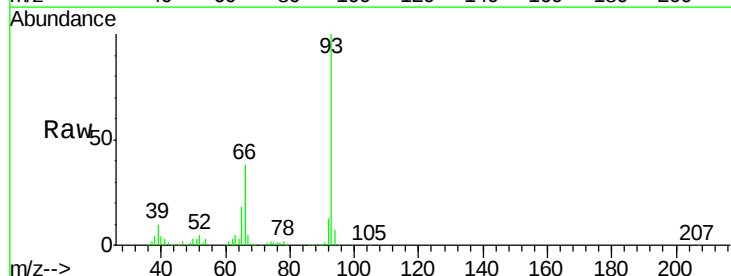
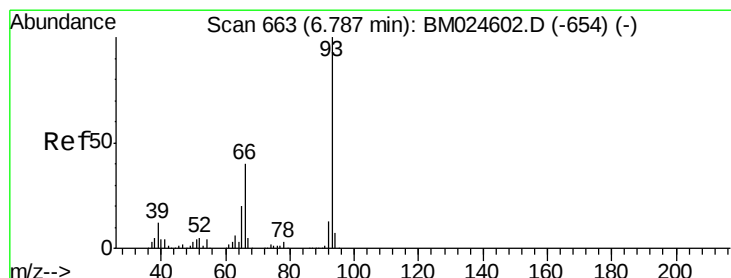
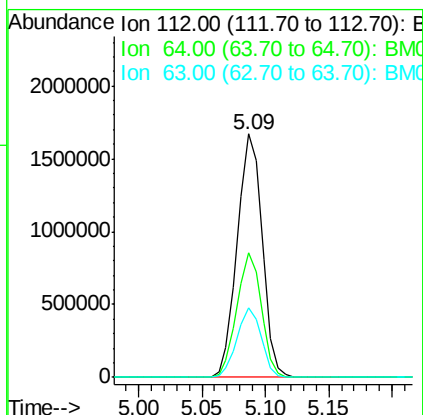
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#6

Aniline

Concen: 34.982 ng

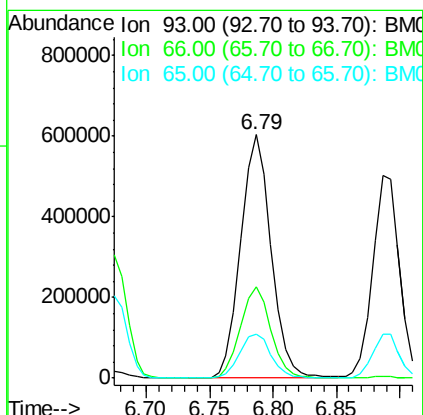
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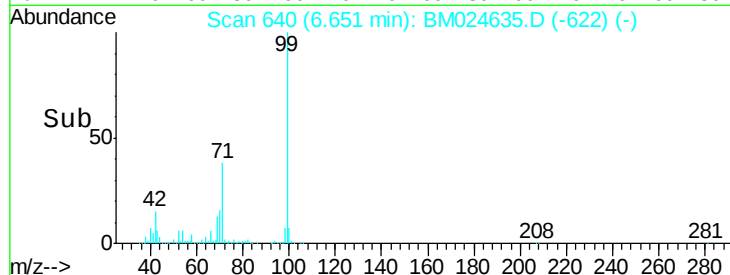
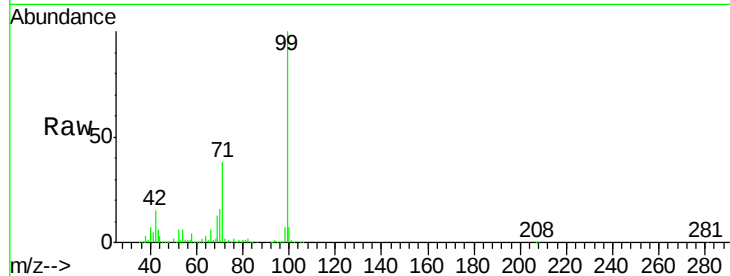
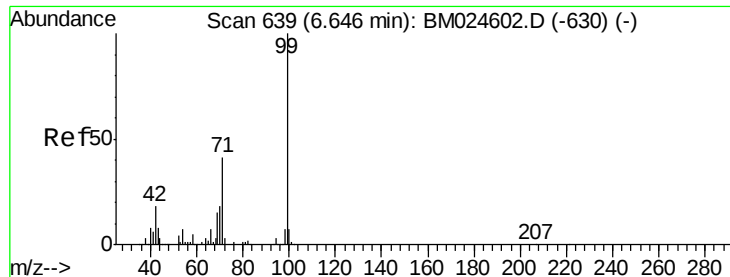
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:	93	Resp:	1007958
Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.8	47.8
65	18.0	15.8	23.6





#7

Phenol-d6

Concen: 118.016 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tot Ion:	99	Resp:	2793330
Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	38.3	33.0	49.6

Instrument :

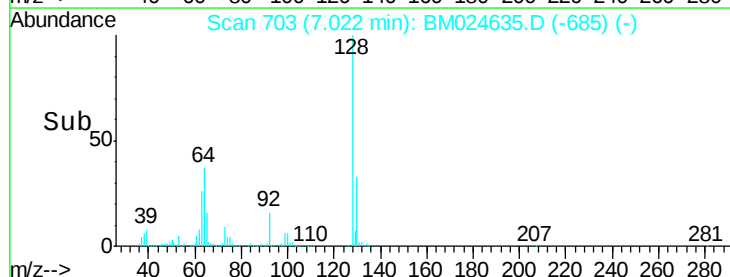
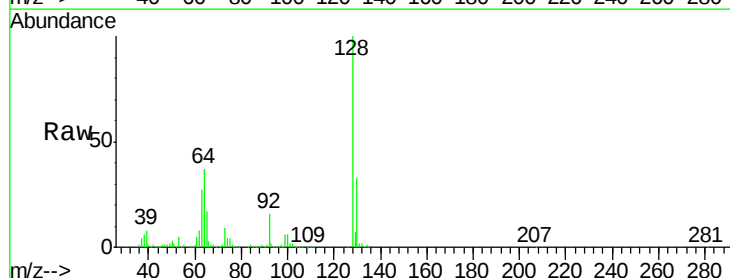
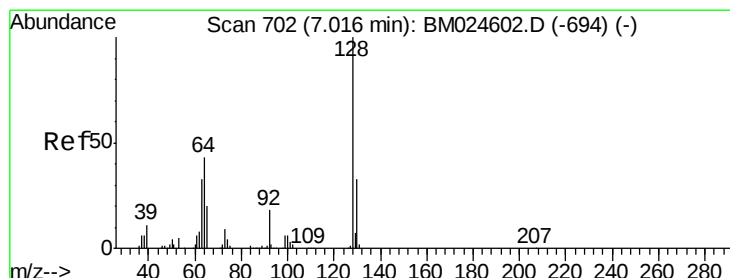
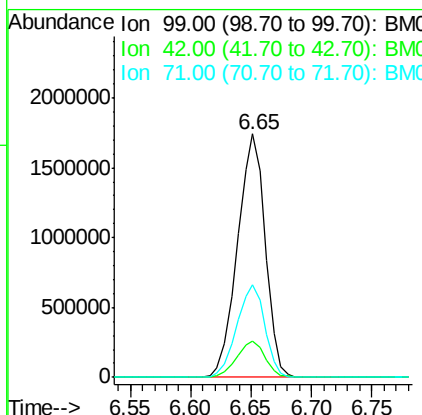
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#8

2-Chlorophenol

Concen: 44.764 ng

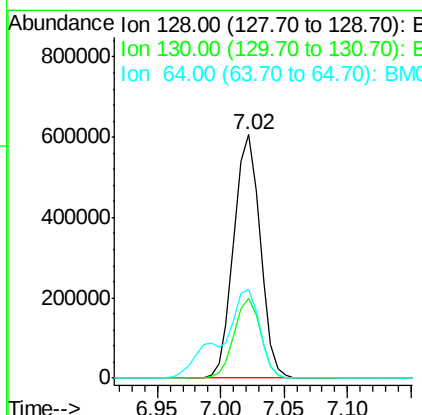
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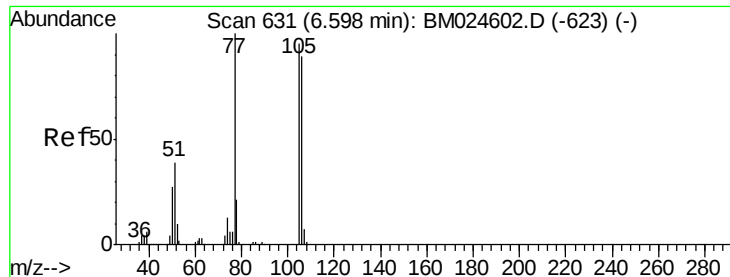
Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:	128	Resp:	875554
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	36.7	26.1	66.1





#9

Benzaldehyde

Concen: 27.721 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

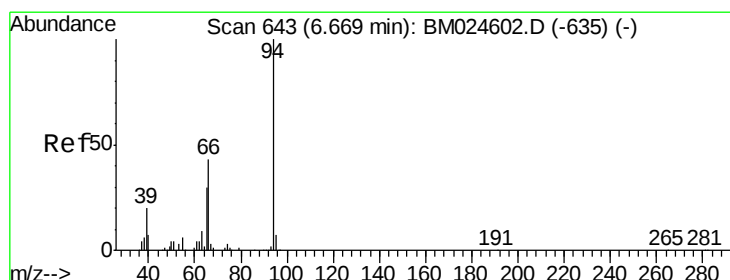
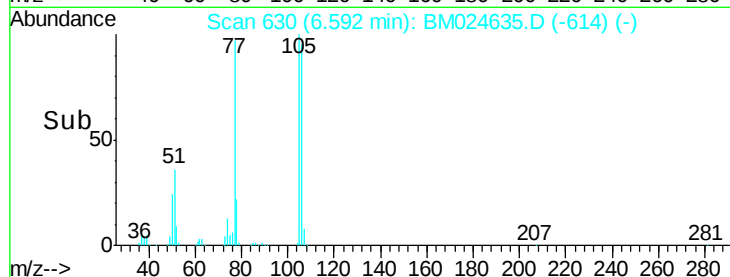
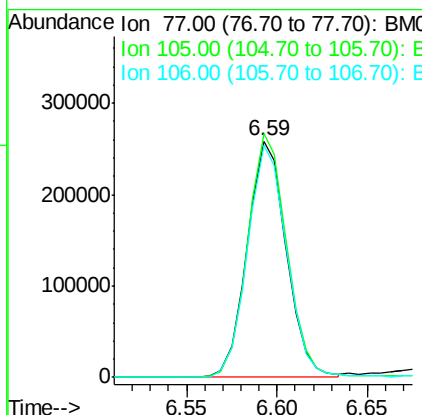
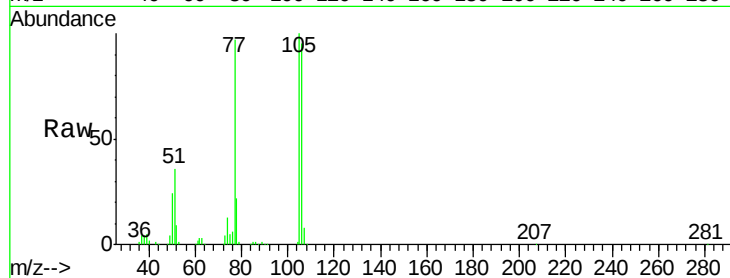
ClientSampleId :

PB126361BSD

Tot Ion:	77	Resp:	387686
Ion	Ratio	Lower	Upper
77	100		
105	102.9	75.2	115.2
106	98.0	68.6	108.6

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#10

Phenol

Concen: 41.738 ng

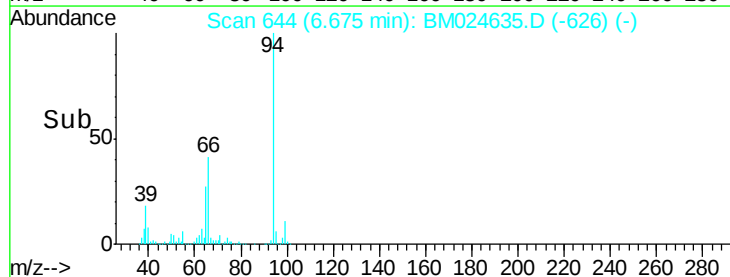
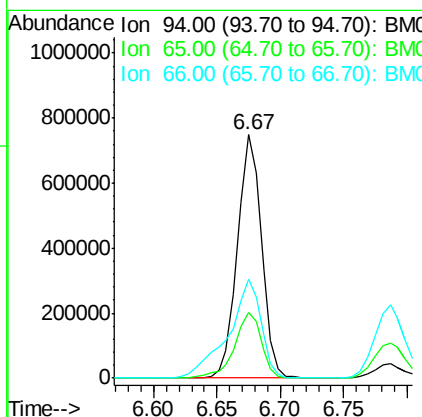
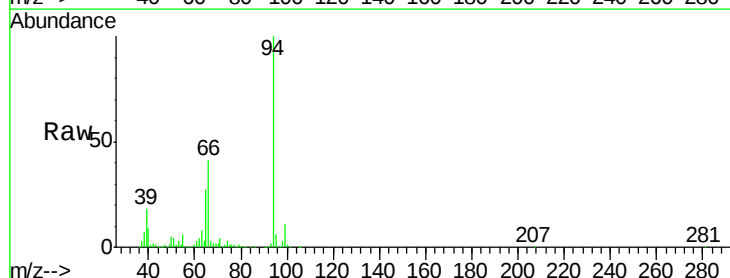
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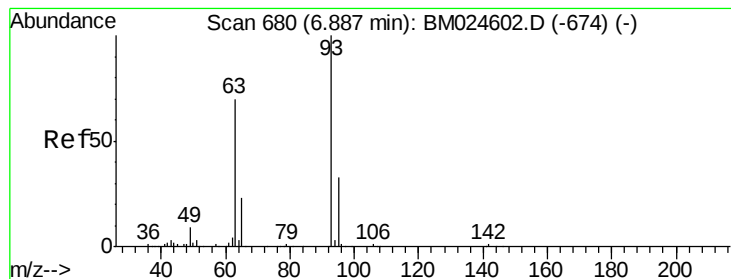
Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:	94	Resp:	984744
Ion	Ratio	Lower	Upper
94	100		
65	27.1	10.3	50.3
66	40.9	24.8	64.8





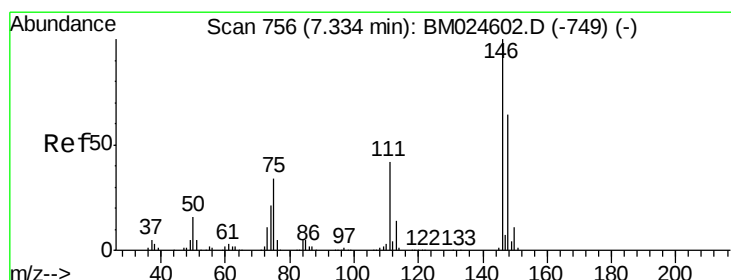
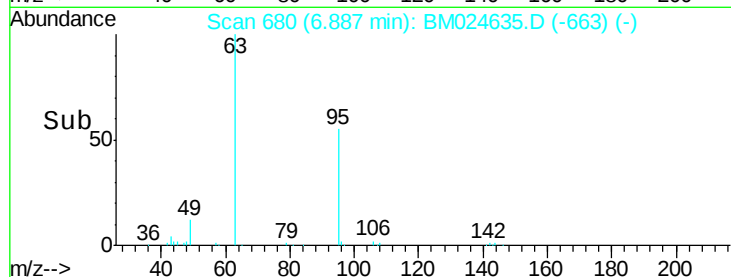
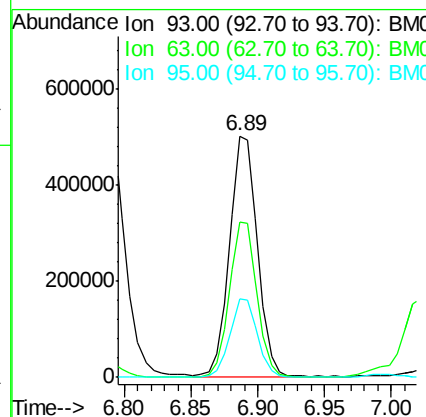
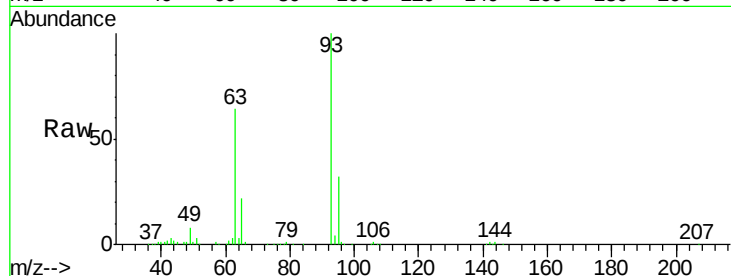
#11
bis(2-Chloroethyl)ether
Concen: 38.825 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	733327		
63	64.4		49.6	89.6
95	32.3		12.6	52.6

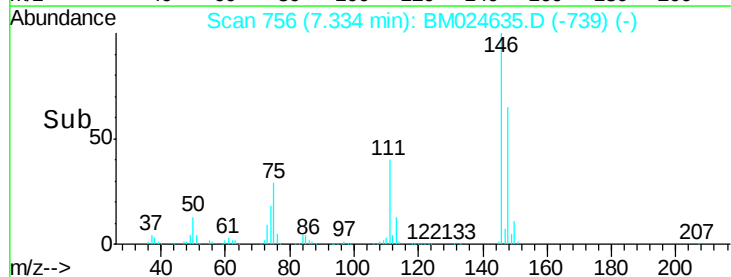
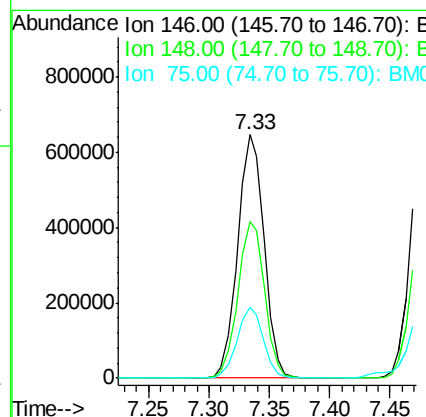
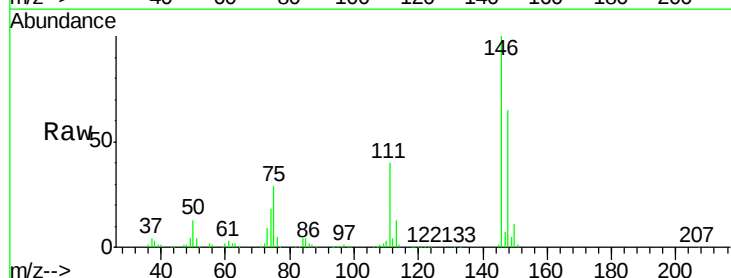
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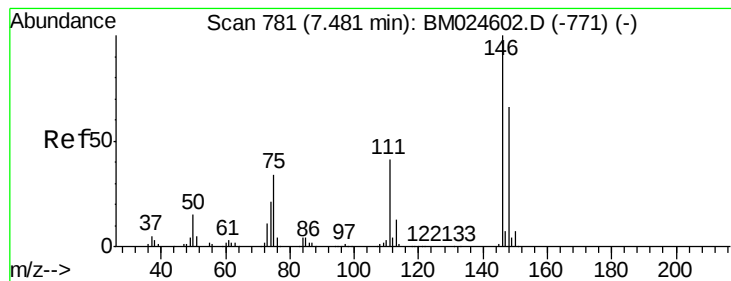
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.087 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	987260		
148	64.5		51.0	76.6
75	29.1		27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.537 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:146 Resp: 1012537

Ion Ratio Lower Upper

146 100

148 63.5 52.5 78.7

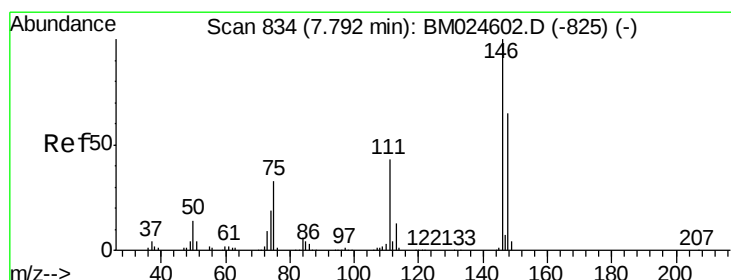
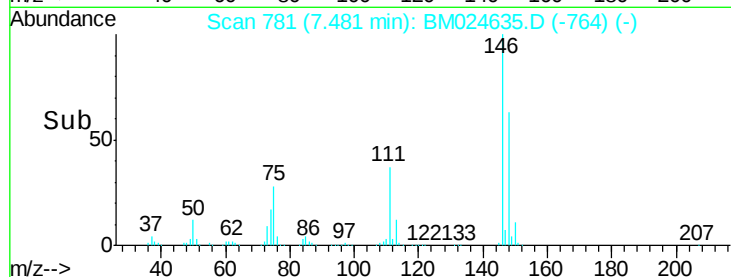
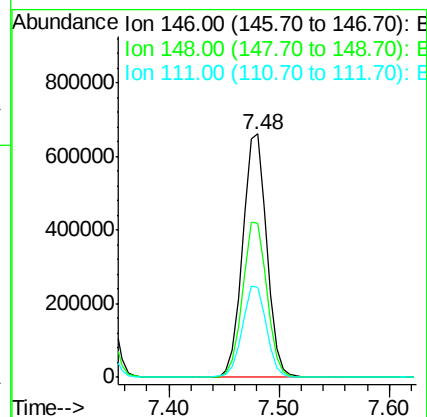
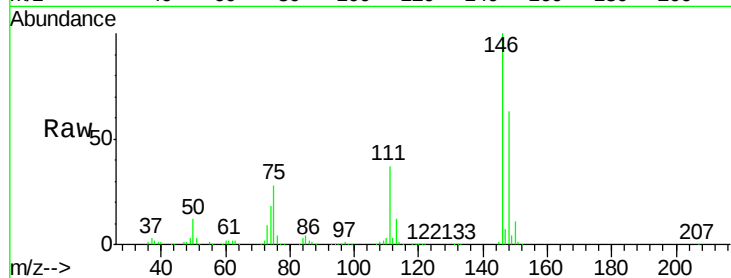
111 36.7 33.0 49.4

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#14

1,2-Dichlorobenzene

Concen: 40.325 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

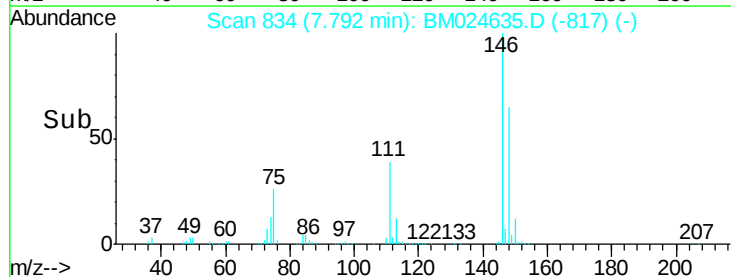
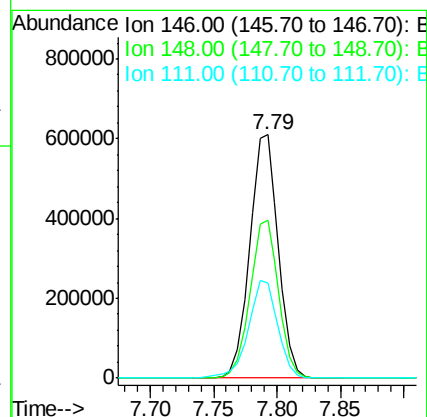
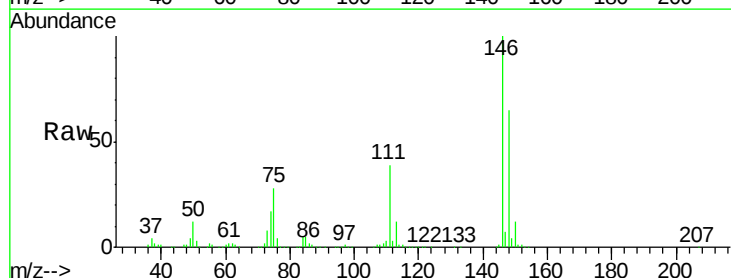
Tgt Ion:146 Resp: 948857

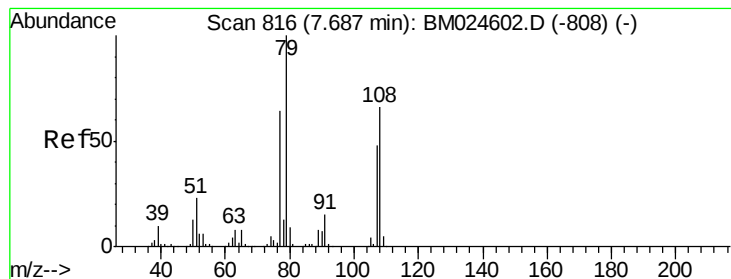
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 39.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 36.632 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

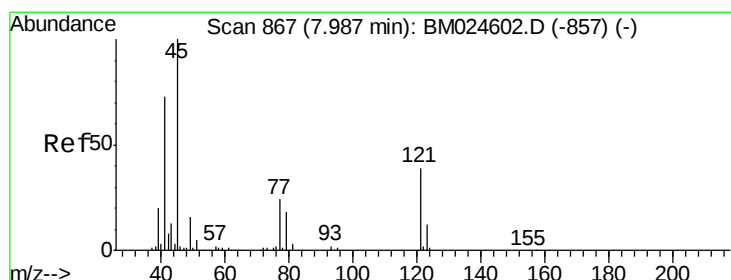
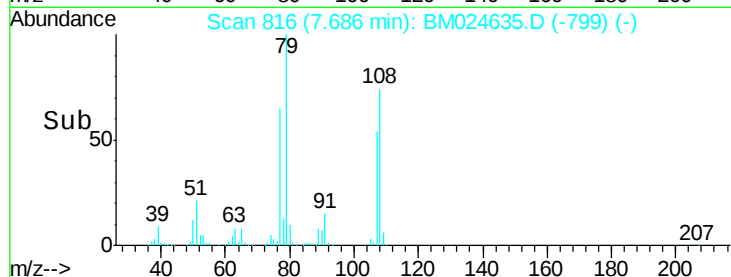
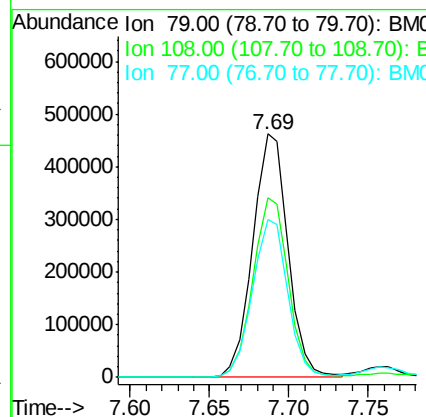
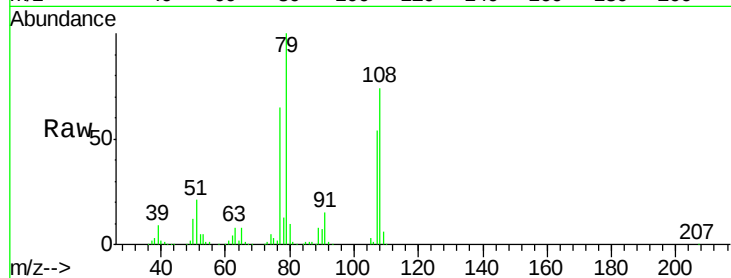
ClientSampleId :

PB126361BSD

Tot Ion:	79	Resp:	714857
Ion Ratio	Lower	Upper	
79	100		
108	73.9	53.0	79.4
77	65.0	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.528 ng

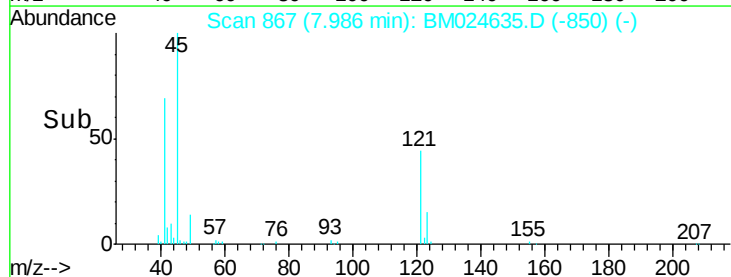
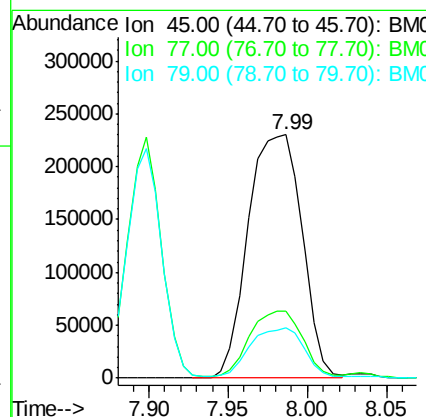
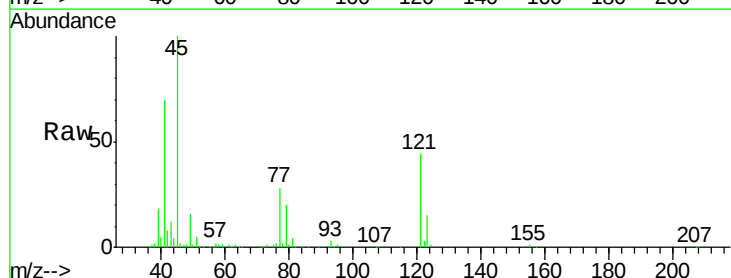
RT: 7.99 min Scan# 867

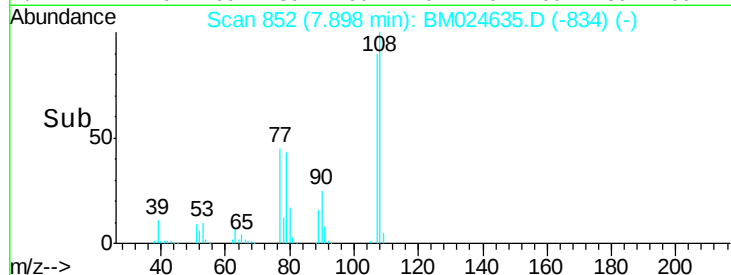
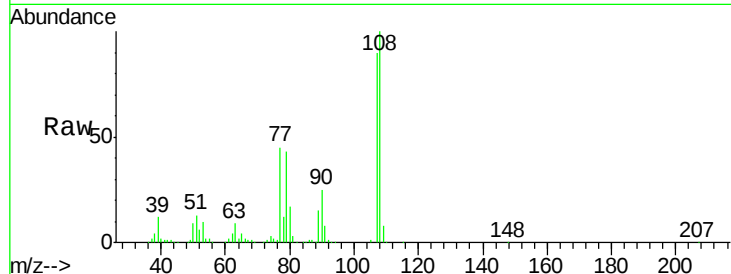
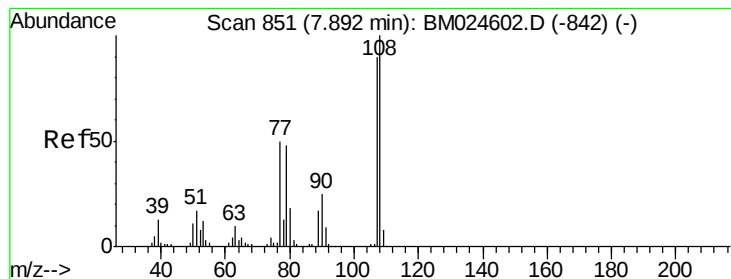
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:	45	Resp:	545163
Ion Ratio	Lower	Upper	
45	100		
77	27.6	5.2	45.2
79	20.4	0.0	39.4





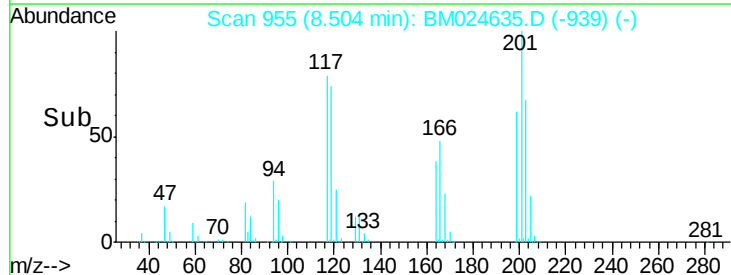
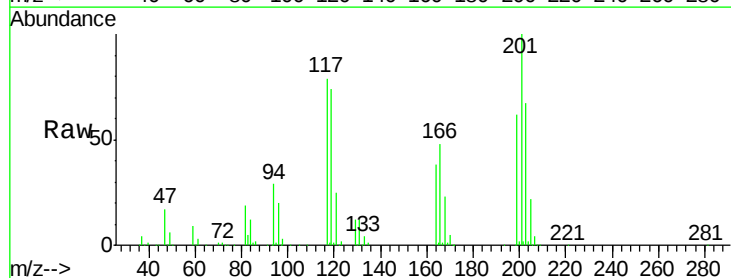
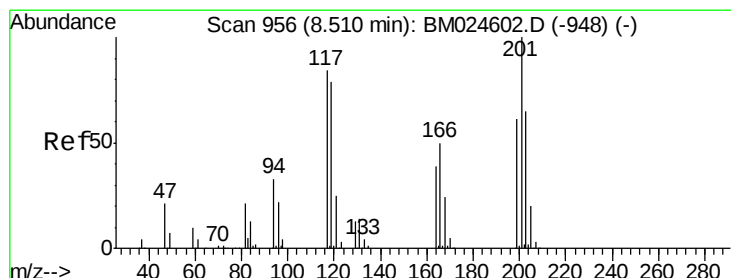
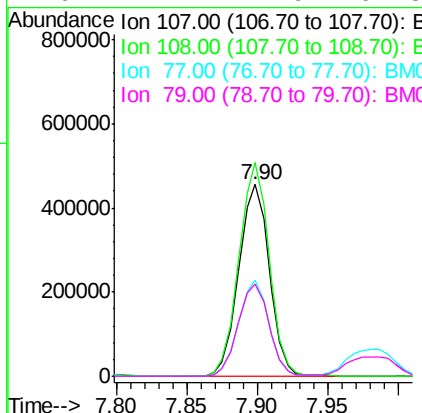
#17
2-Methylphenol
Concen: 41.478 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tot Ion	Ratio	Resp	Lower	Upper
107	100	689632		
108	111.4	88.9	133.3	
77	50.1	44.5	66.7	
79	47.7	42.9	64.3	

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

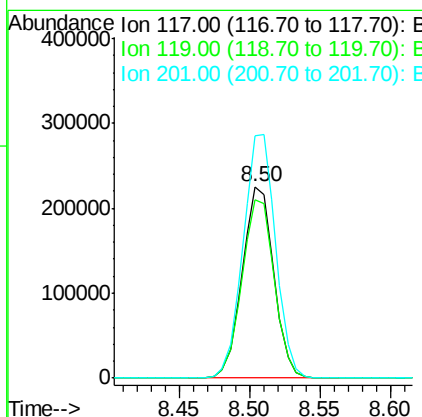
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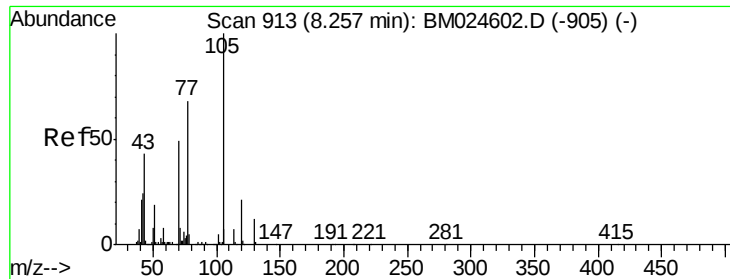
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#18
Hexachloroethane
Concen: 37.437 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	352406		
119	93.5	75.4	113.2	
201	126.6	95.8	143.6	





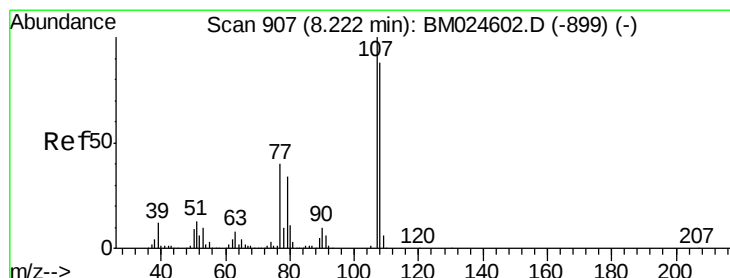
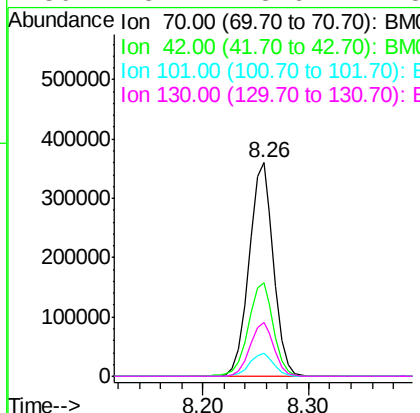
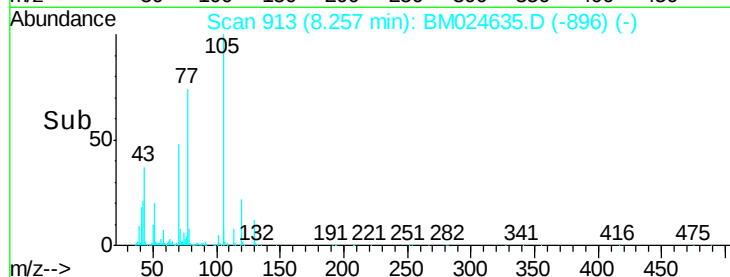
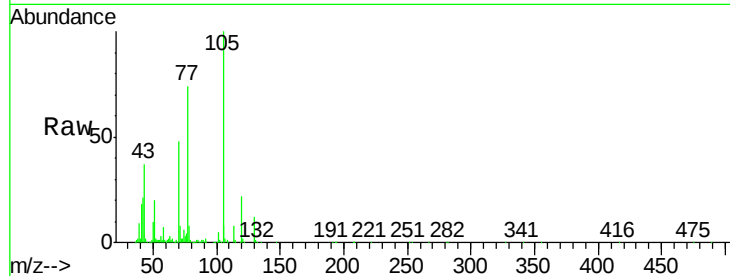
#19
n-Nitroso-di-n-propylamine
Concen: 32.427 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.0	40.0	60.0	
101	10.5	8.2	12.2	
130	25.1	18.6	27.8	

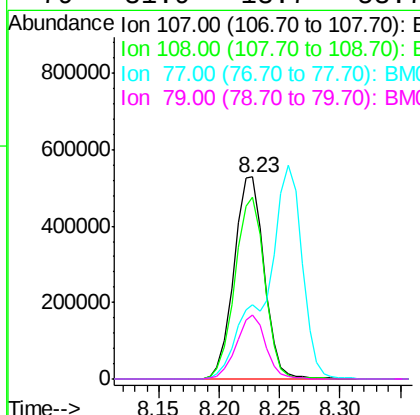
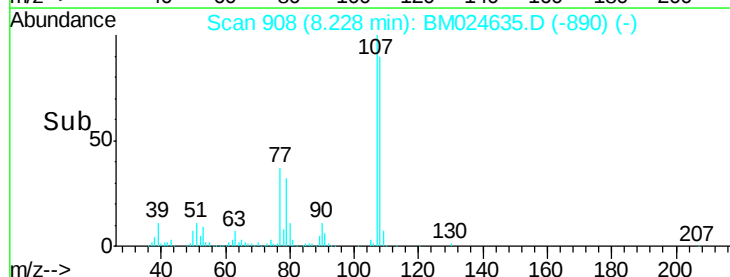
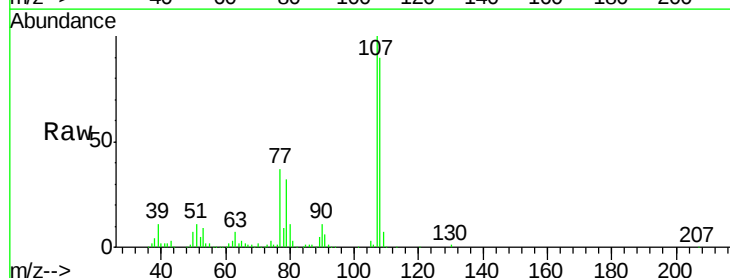
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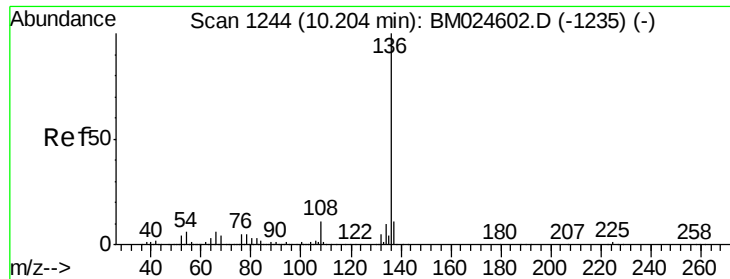
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#20
3+4-Methylphenols
Concen: 40.112 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	68.0	108.0	
77	36.7	19.9	59.9	
79	31.9	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:136 Resp: 1199881

Ion Ratio Lower Upper

136 100

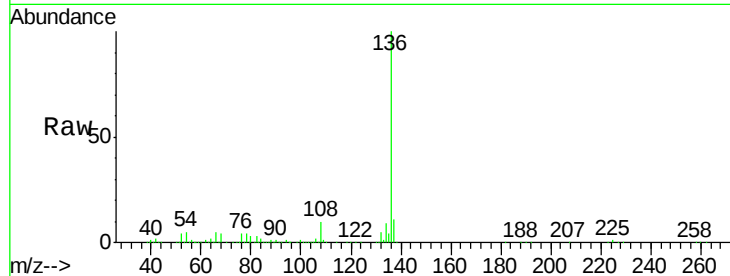
137 10.7 8.6 13.0

54 4.7 4.5 6.7

68 3.9 3.4 5.0

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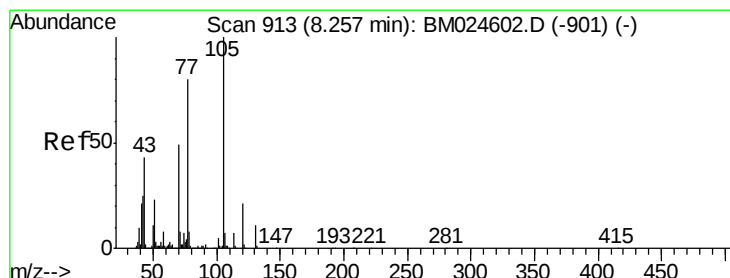
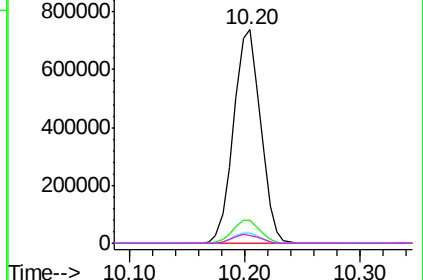
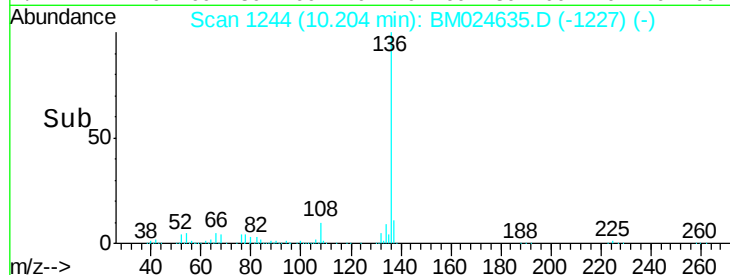


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 37.914 ng

RT: 8.26 min Scan# 913

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:105 Resp: 1173027

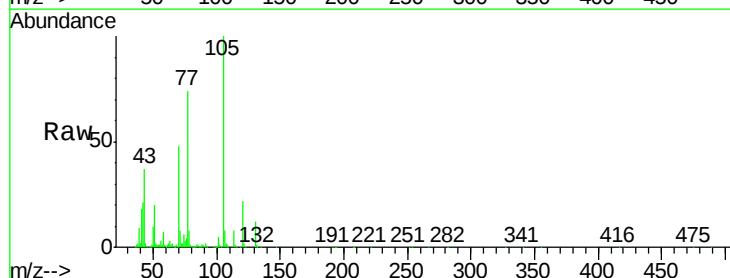
Ion Ratio Lower Upper

105 100

71 7.9 6.7 10.1

51 20.3 18.5 27.7

120 22.0 16.6 25.0

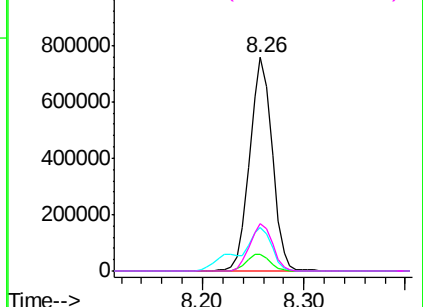
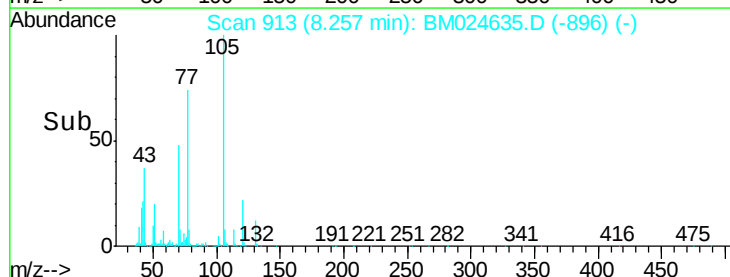


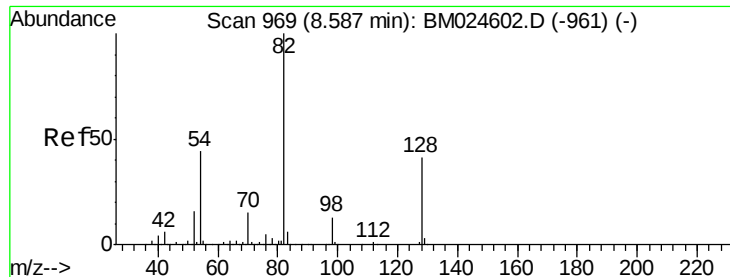
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 64.278 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

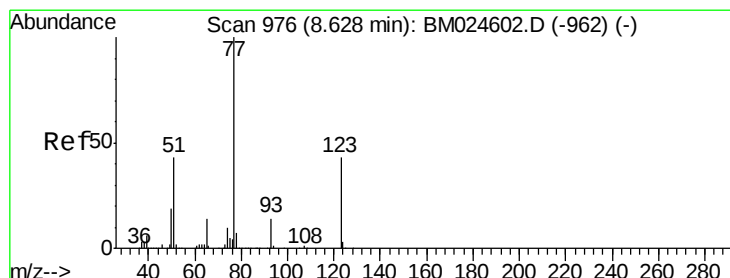
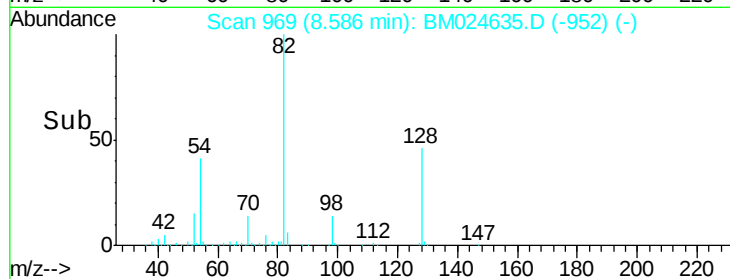
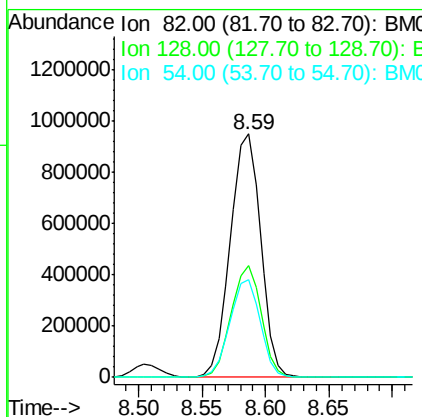
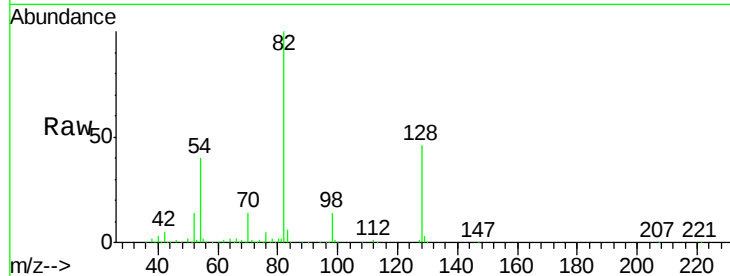
Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion: 82 Resp: 1572657

Ion	Ratio	Lower	Upper
82	100		
128	46.0	32.6	48.8
54	40.3	34.8	52.2

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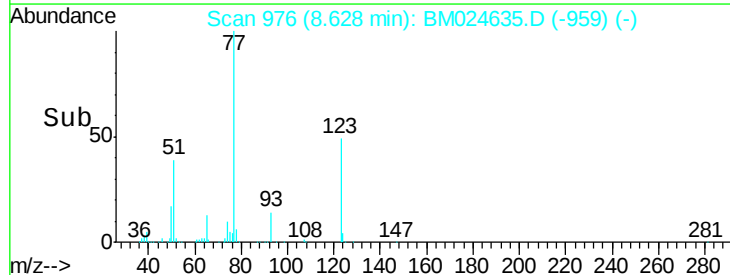
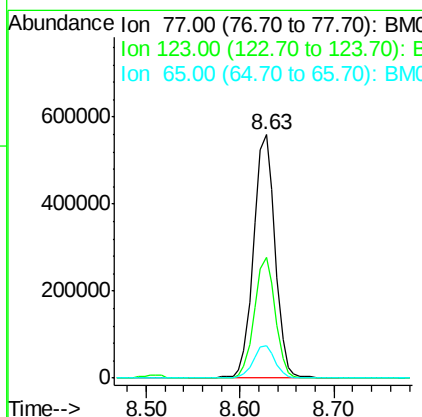
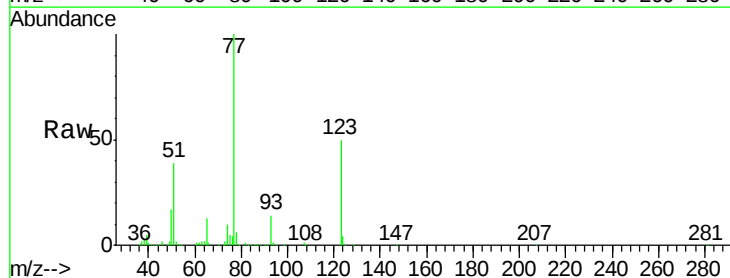
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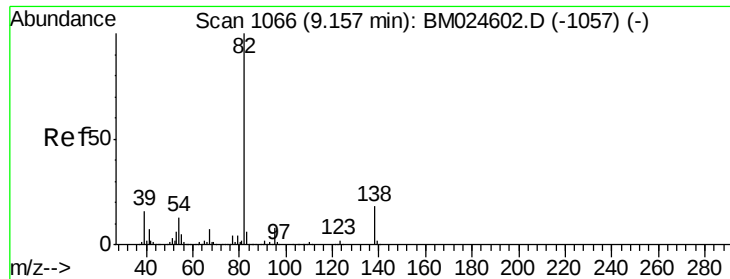


#24
 Nitrobenzene
 Concen: 37.744 ng
 RT: 8.63 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion: 77 Resp: 884956

Ion	Ratio	Lower	Upper
77	100		
123	49.6	34.6	52.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 37.943 ng

RT: 9.16 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion: 82 Resp: 1577386

Ion Ratio Lower Upper

82 100

95 7.9 6.7 10.1

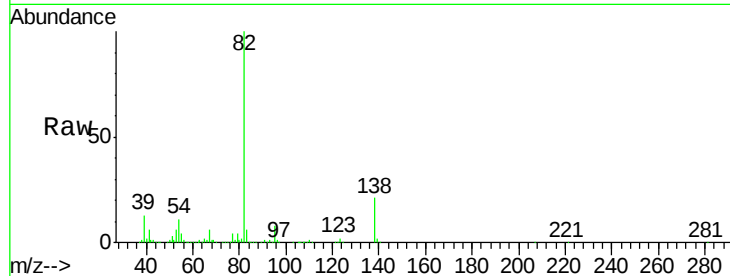
138 20.7 14.7 22.1

Manual Integrations

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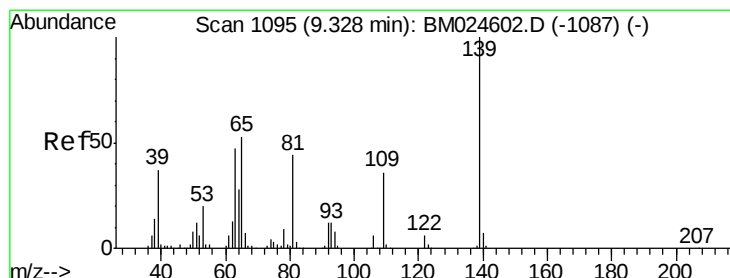
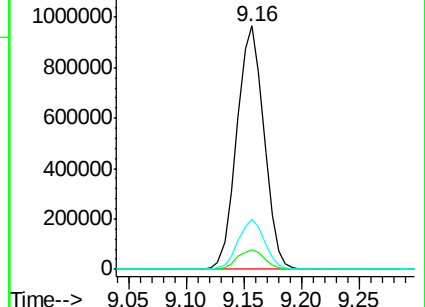
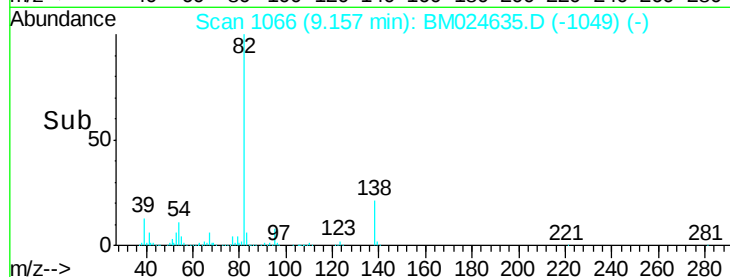
1/30/2020 8:03:05 AM



Abundance Ion 82.00 (81.70 to 82.70): BM024635.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024635.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024635.D (-1049) (-)



#26

2-Nitrophenol

Concen: 45.978 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

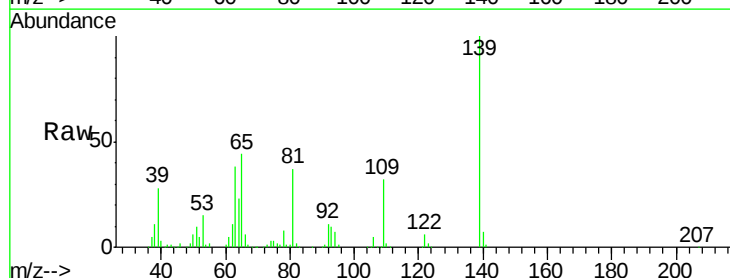
Tgt Ion: 139 Resp: 499169

Ion Ratio Lower Upper

139 100

109 32.3 28.8 43.2

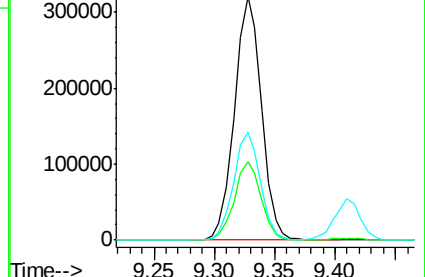
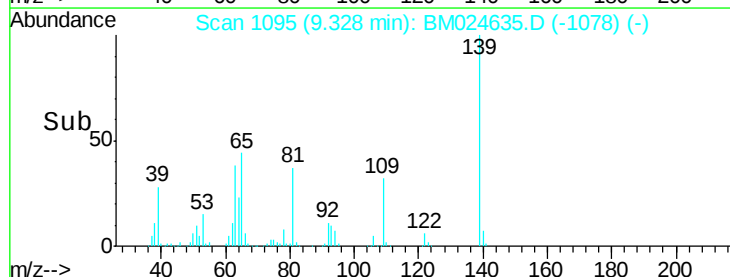
65 44.4 42.6 63.8

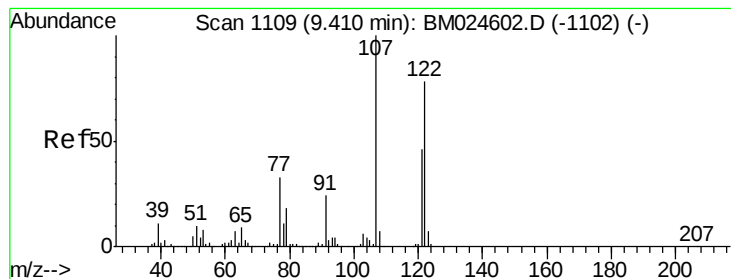


Abundance Ion 139.00 (138.70 to 139.70): BM024635.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024635.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024635.D (-1078) (-)





#27

2,4-Dimethylphenol

Concen: 52.917 ng

RT: 9.41 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

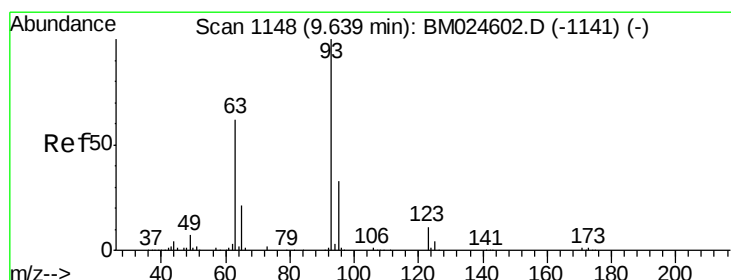
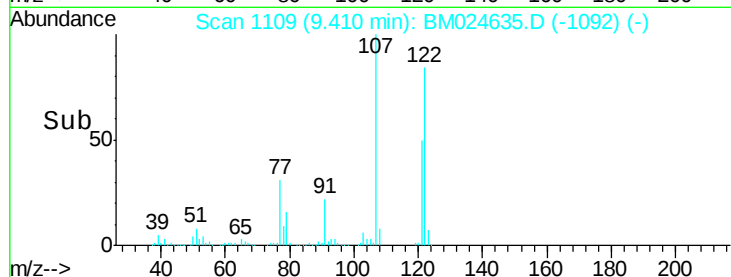
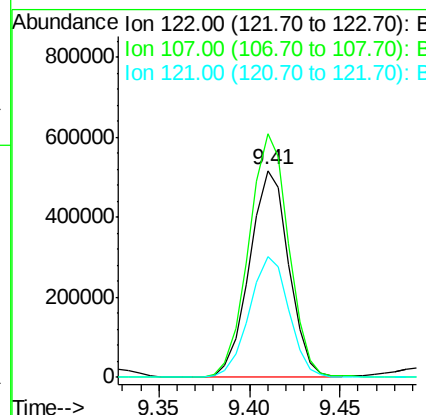
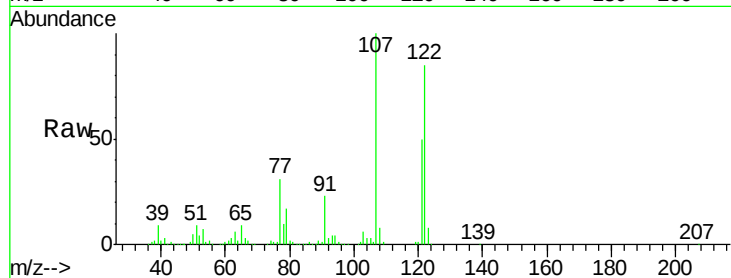
ClientSampleId :

PB126361BSD

Tot Ion:	122	Resp:	780692
Ion Ratio	Lower	Upper	
122	100		
107	117.6	102.5	153.7
121	58.3	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 38.436 ng

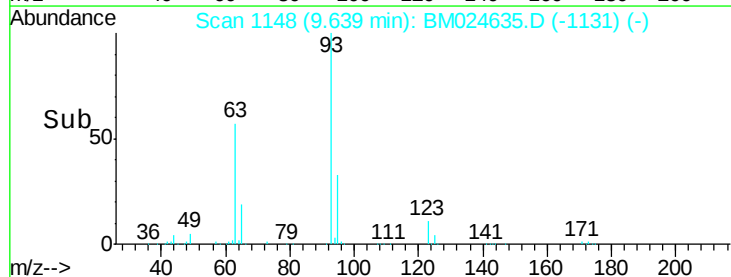
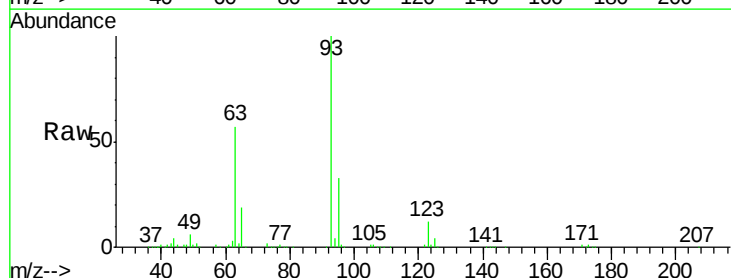
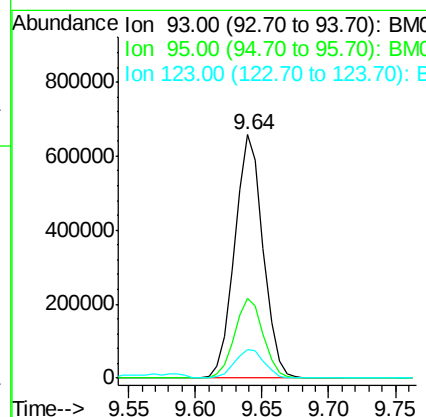
RT: 9.64 min Scan# 1148

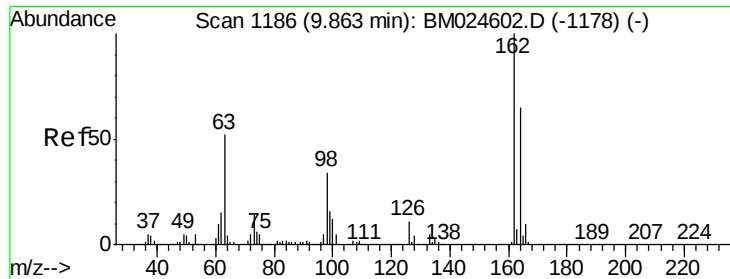
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:	93	Resp:	976109
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.1	39.1
123	11.7	8.7	13.1





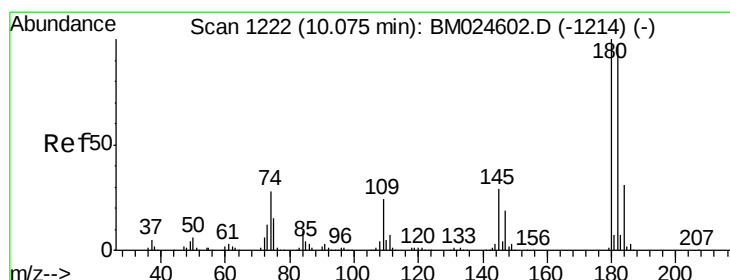
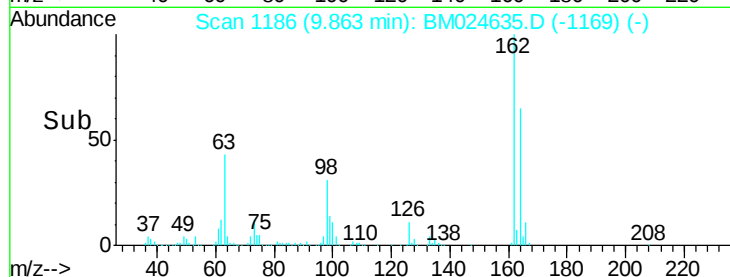
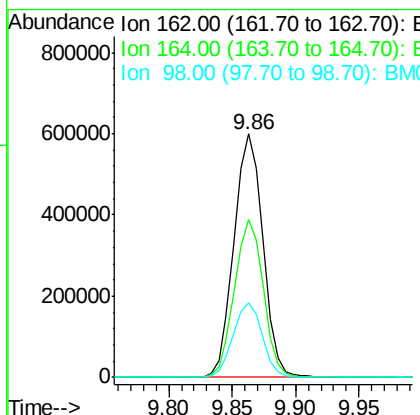
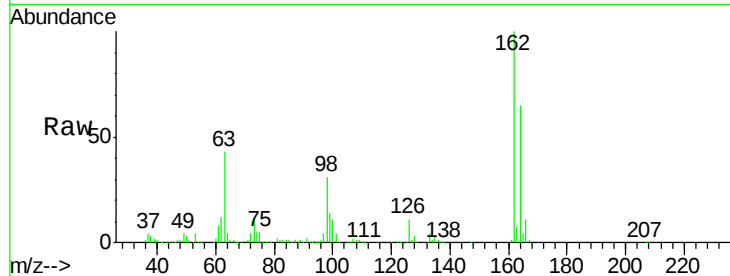
#29
 2,4-Dichlorophenol
 Concen: 47.601 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion:	162	Resp:	948796
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.5	84.5
98	30.6	14.2	54.2

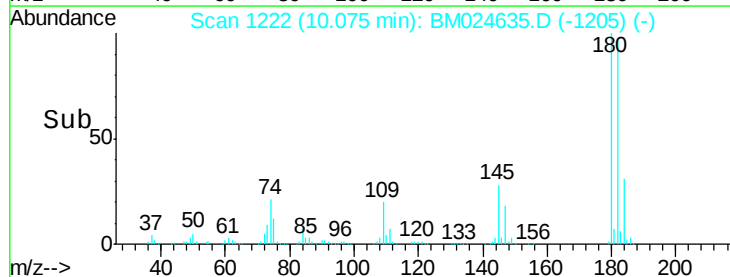
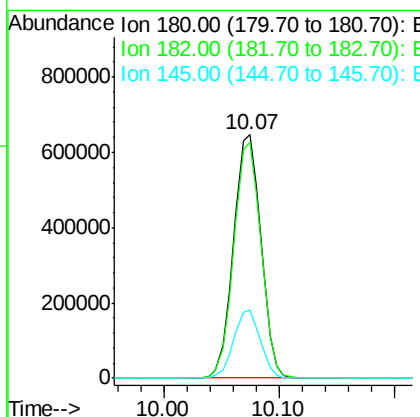
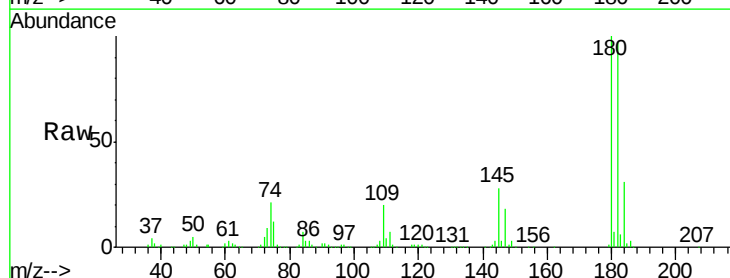
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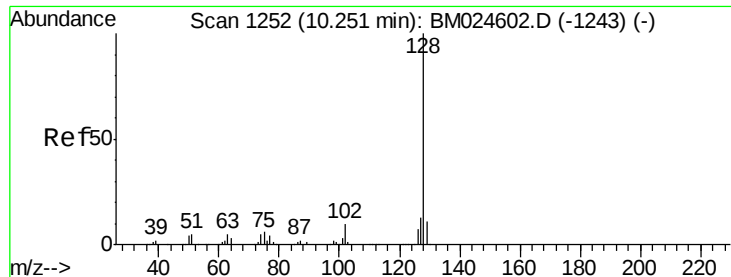
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.254 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:	180	Resp:	1063818
Ion Ratio	Lower	Upper	
180	100		
182	96.9	77.8	116.6
145	27.9	22.9	34.3





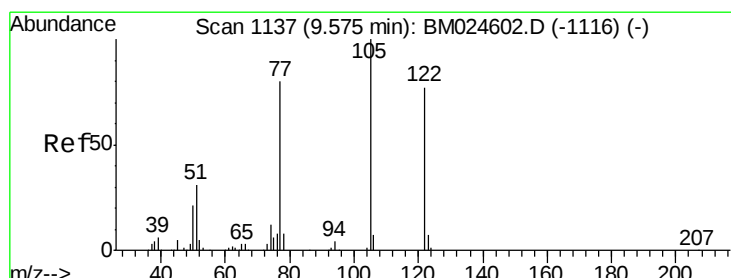
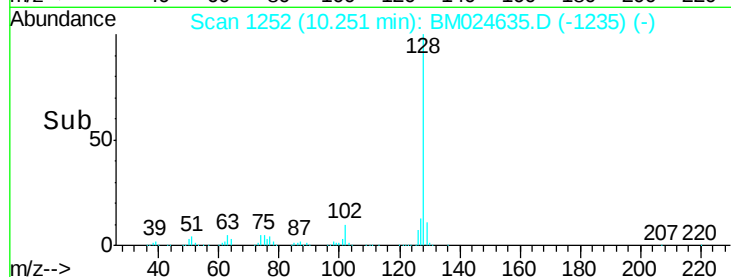
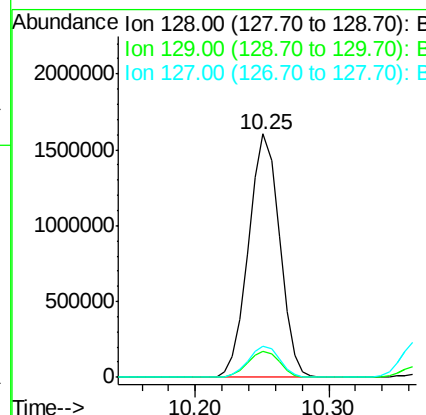
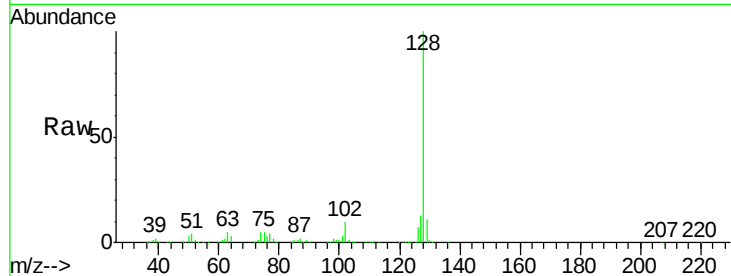
#31
Naphthalene
Concen: 42.461 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.6	15.8

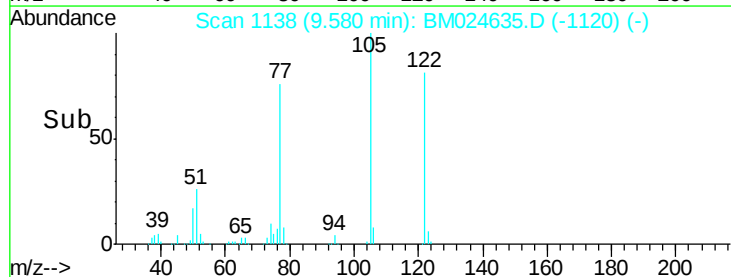
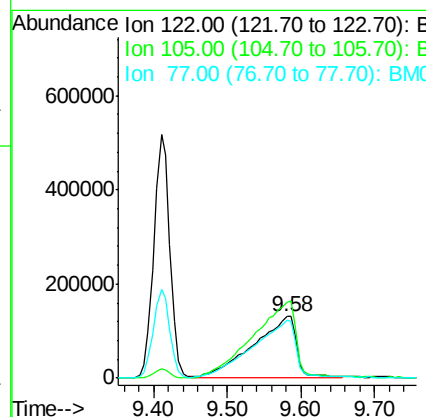
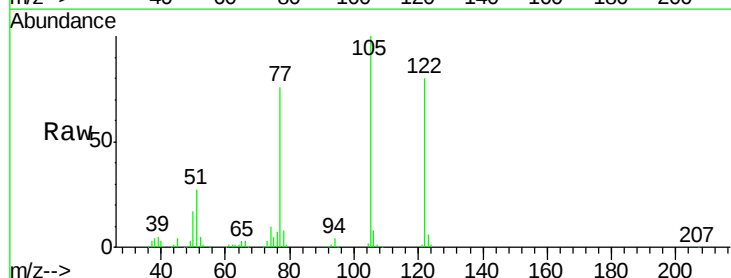
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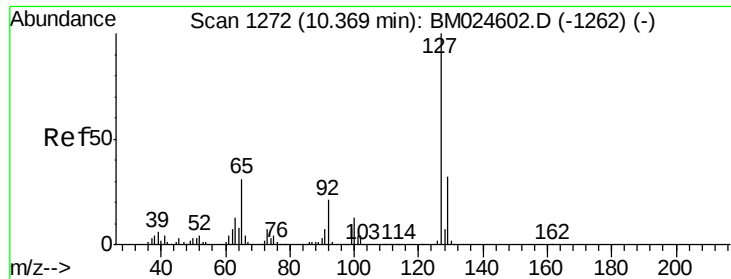
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#32
Benzoic acid
Concen: 38.627 ng m
RT: 9.58 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	107.7	147.7
77	94.6	83.8	123.8





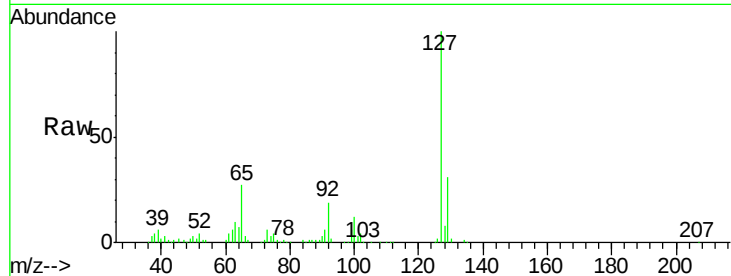
#33
4-Chloroaniline
Concen: 17.399 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

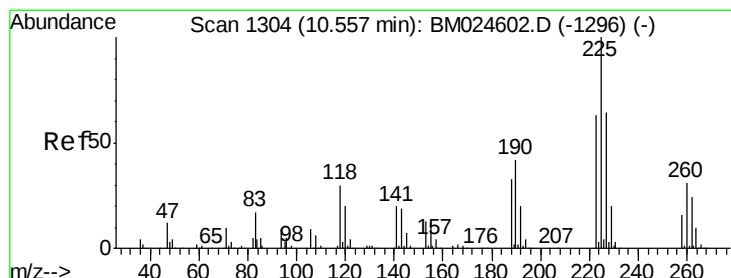
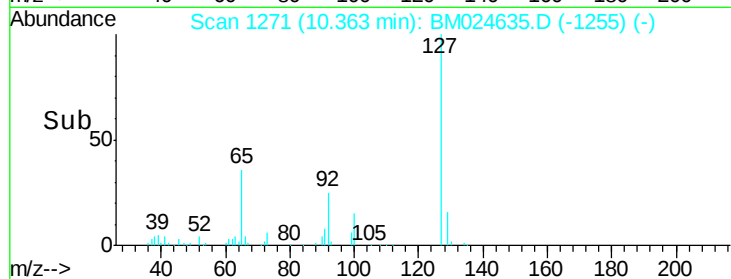
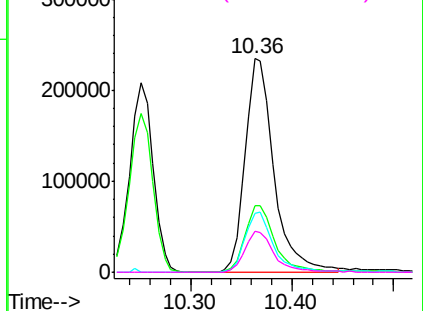
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		462193		
129	31.2	25.9	38.9		
65	27.5	25.1	37.7		
92	19.4	16.6	25.0		

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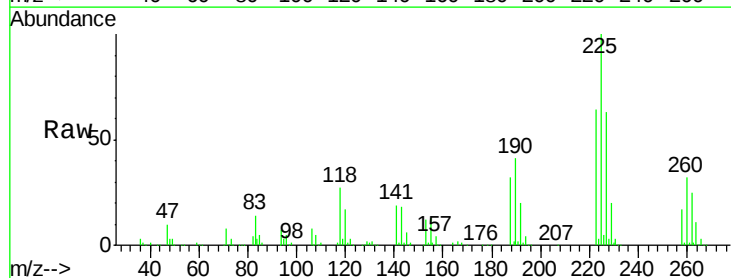


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

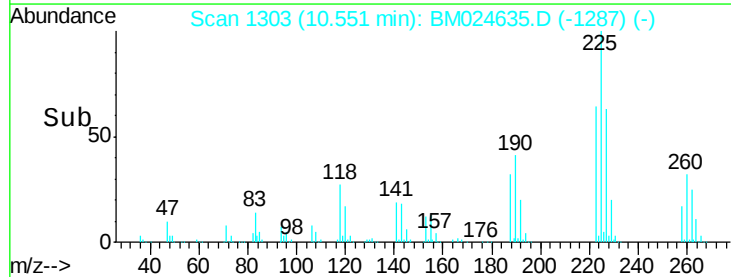
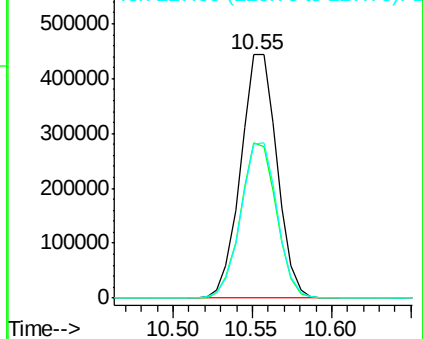


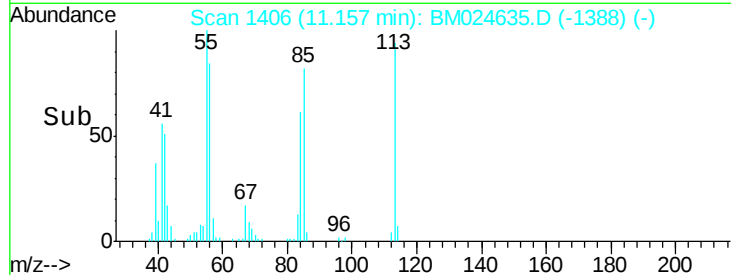
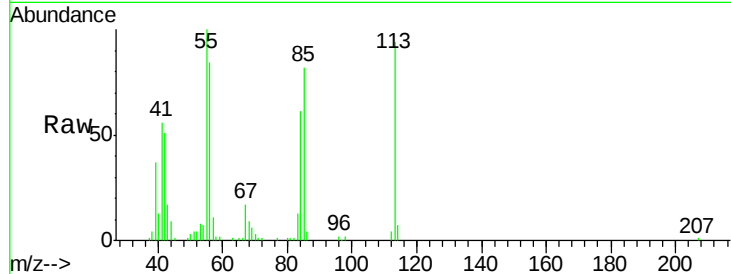
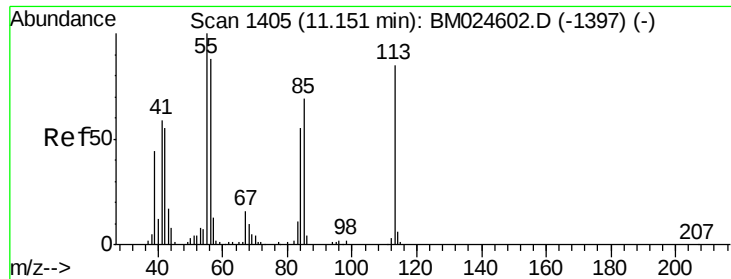
#34
Hexachlorobutadiene
Concen: 42.454 ng
RT: 10.55 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		705498		
223	63.7	50.7	76.1		
227	63.2	51.4	77.0		



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





#35

Caprolactam

Concen: 38.114 ng/mL

RT: 11.16 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tot Ion:	113	Resp:	243731
Ion Ratio	Lower	Upper	
113	100		
55	106.3	97.5	137.5
56	89.3	83.4	123.4

Instrument :

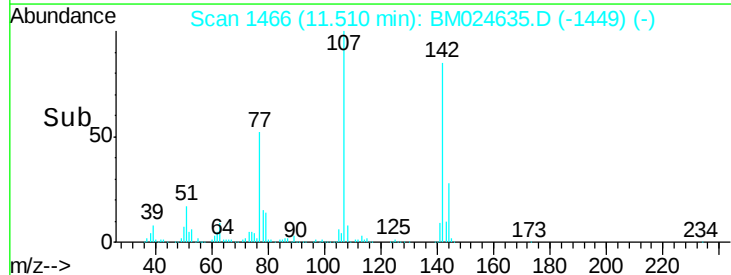
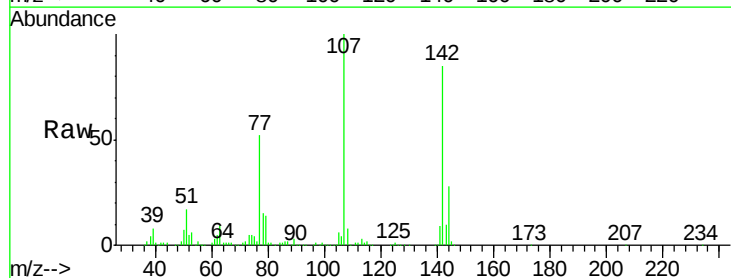
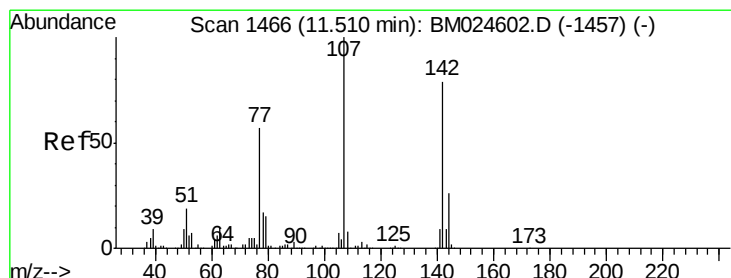
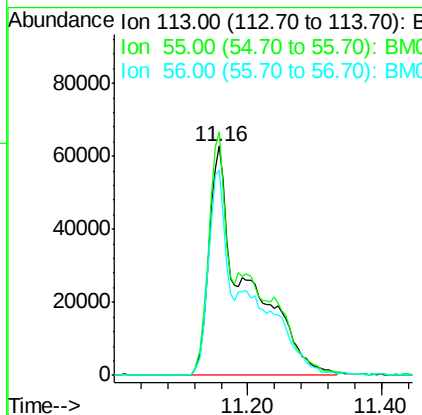
BNA_M

ClientSampleId :

PB126361BSD

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#36

4-Chloro-3-methylphenol

Concen: 40.161 ng/mL

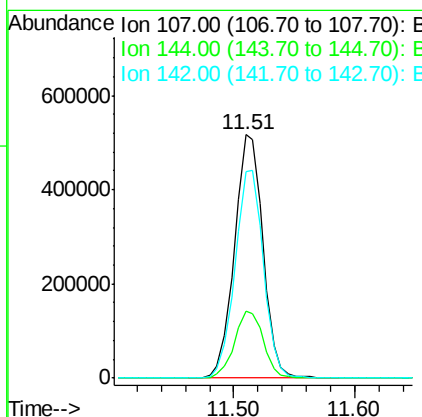
RT: 11.51 min Scan# 1466

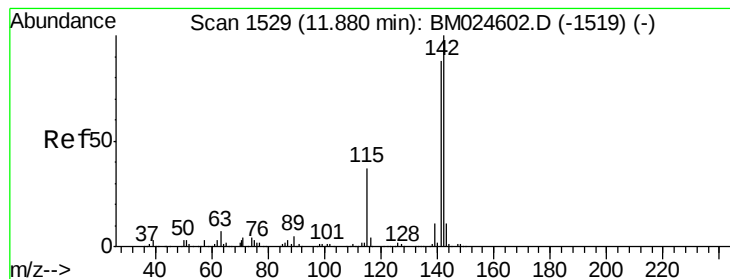
Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Tgt Ion:	107	Resp:	851194
Ion Ratio	Lower	Upper	
107	100		
144	27.6	20.5	30.7
142	84.9	62.8	94.2





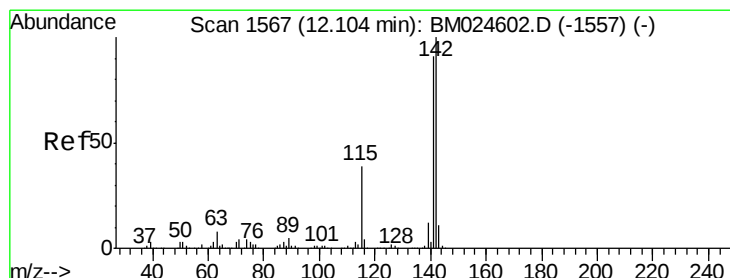
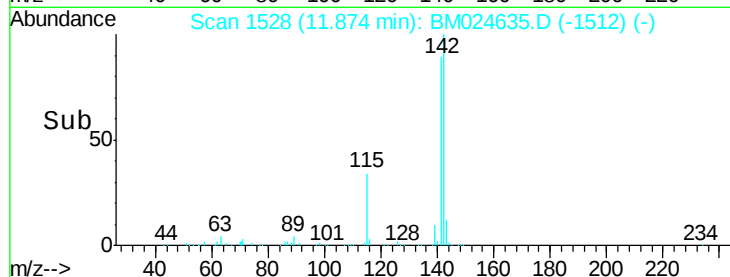
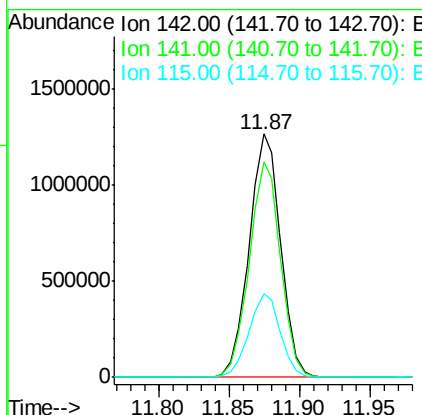
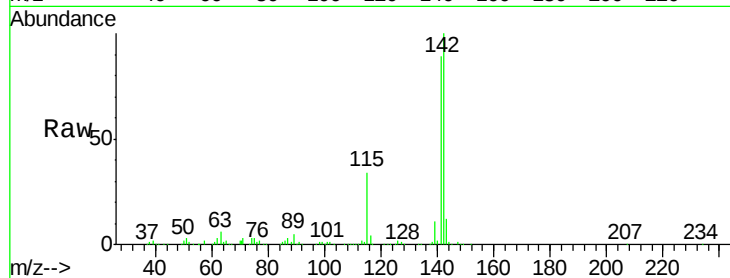
#37
2-Methylnaphthalene
Concen: 42.532 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.2
115	34.1	29.7	44.5

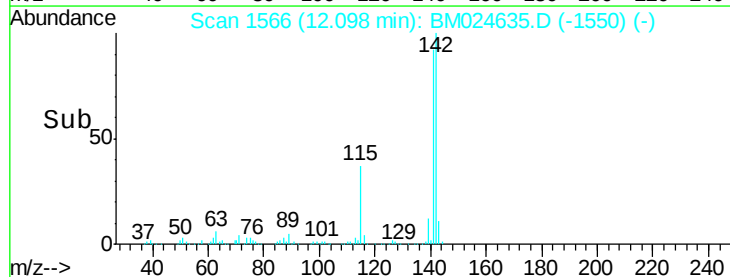
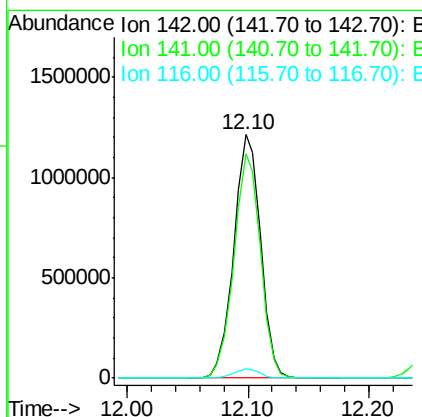
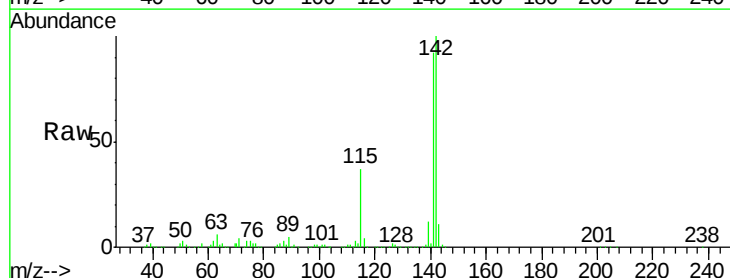
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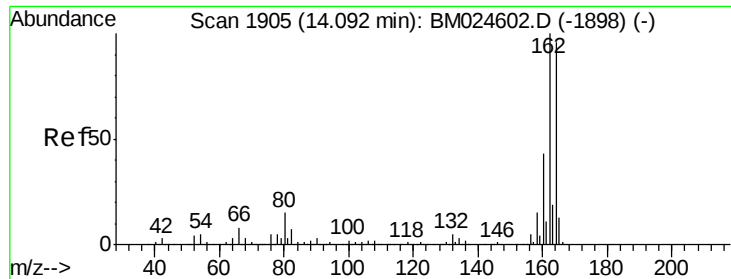
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#38
1-Methylnaphthalene
Concen: 42.100 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.8	109.2
116	3.8	3.2	4.8





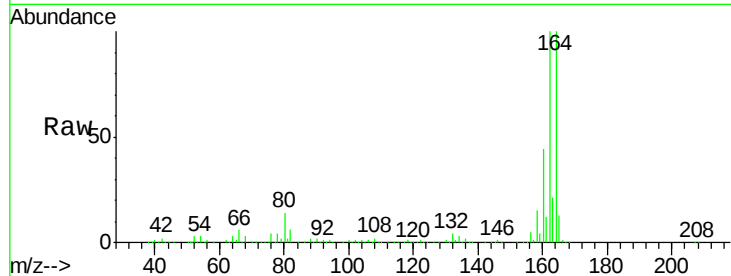
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.9	124.3
160	43.8	35.5	53.3

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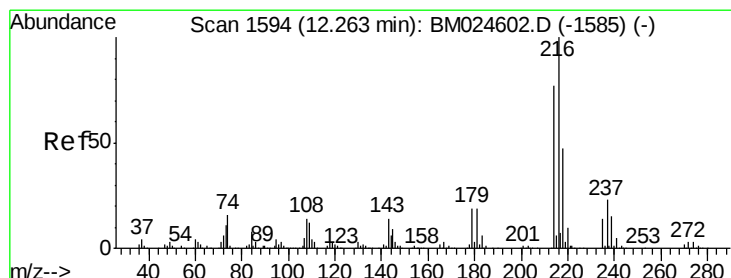
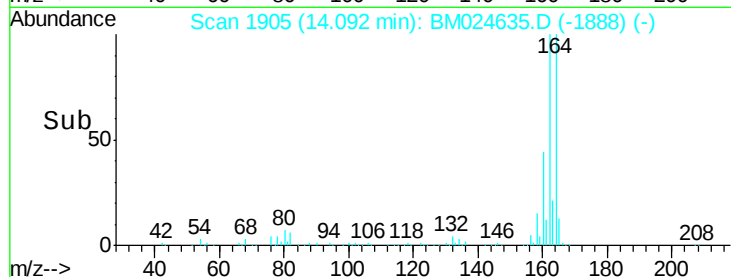
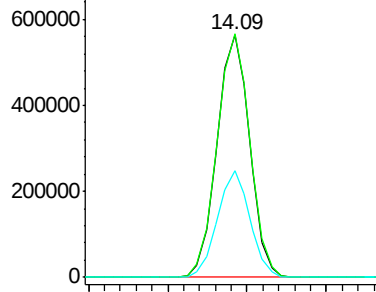


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.514 ng
RT: 12.26 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	19.8	16.1	24.1
108	16.4	13.0	19.6

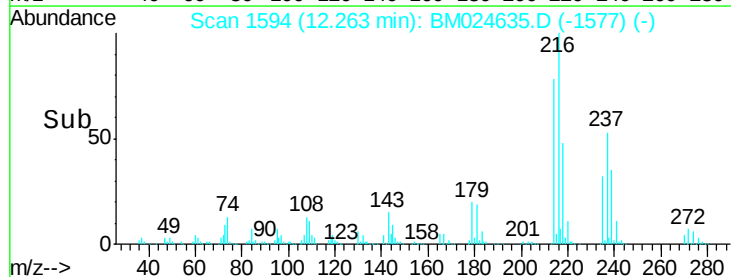
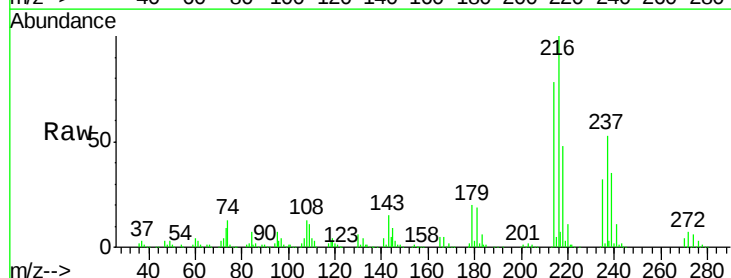
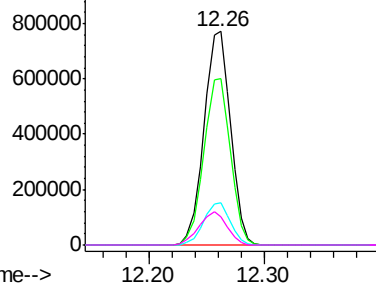
Abundance

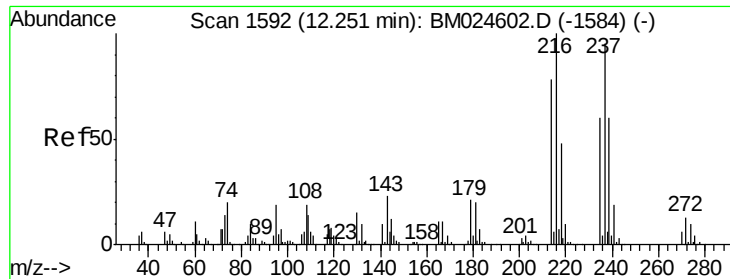
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 119.982 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:237 Resp: 1937394

Ion Ratio Lower Upper

237 100

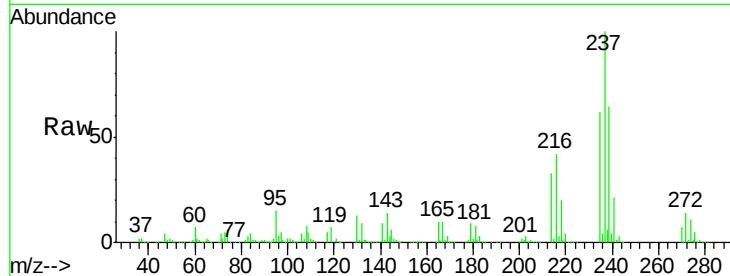
235 62.2 43.3 83.3

272 13.8 0.0 33.4

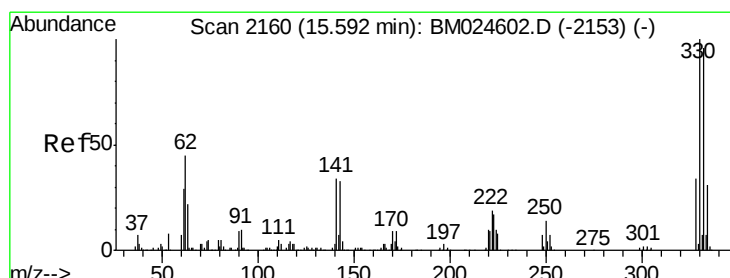
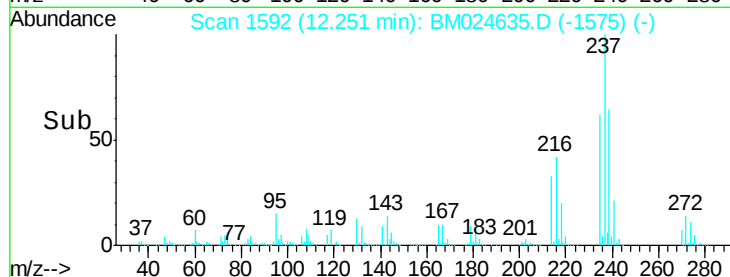
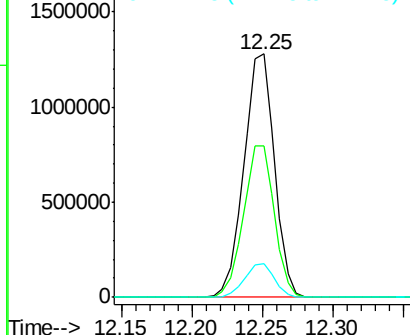
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.201 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

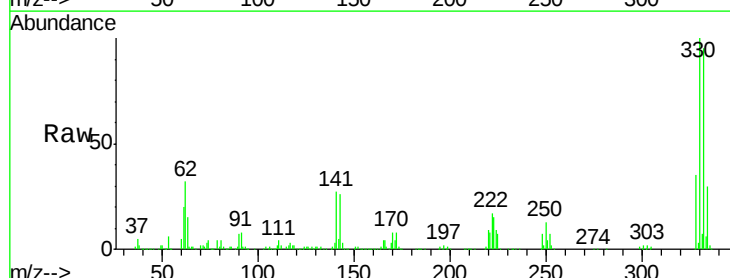
Tgt Ion:330 Resp: 1604484

Ion Ratio Lower Upper

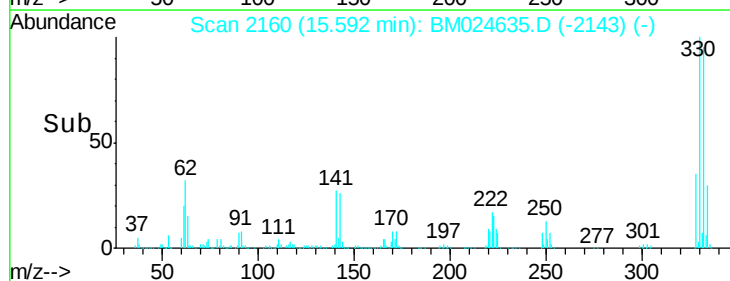
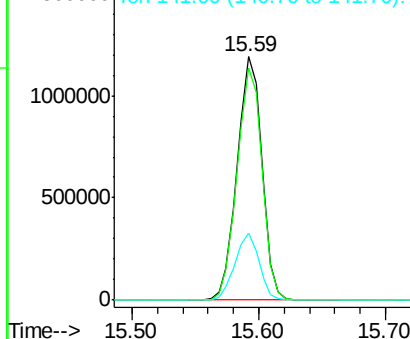
330 100

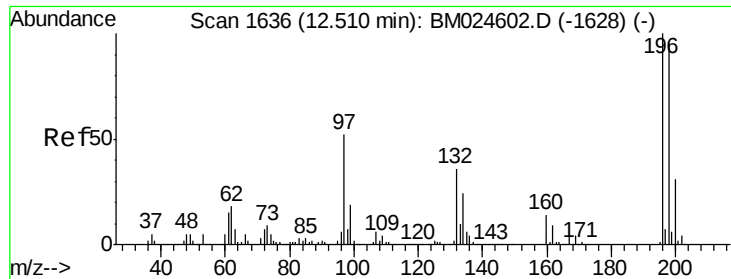
332 96.1 77.2 115.8

141 26.9 26.9 40.3



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





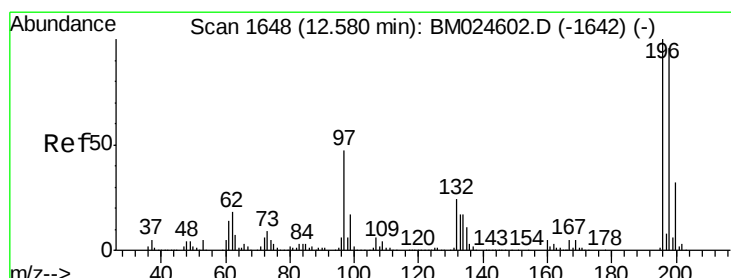
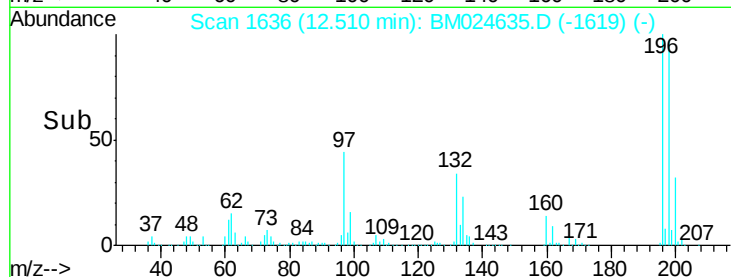
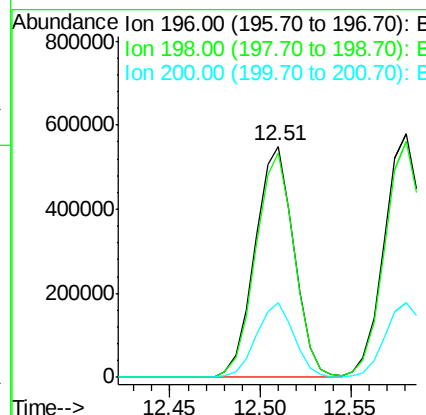
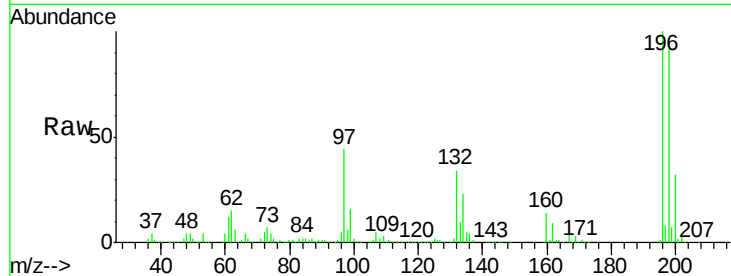
#43
 2,4,6-Trichlorophenol
 Concen: 44.724 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	819888		
198	96.8	76.5	114.7	
200	32.3	25.0	37.6	

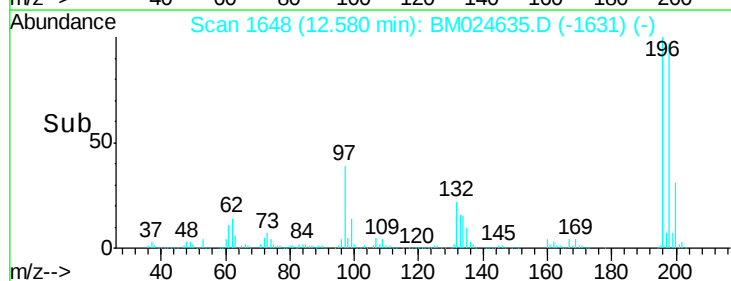
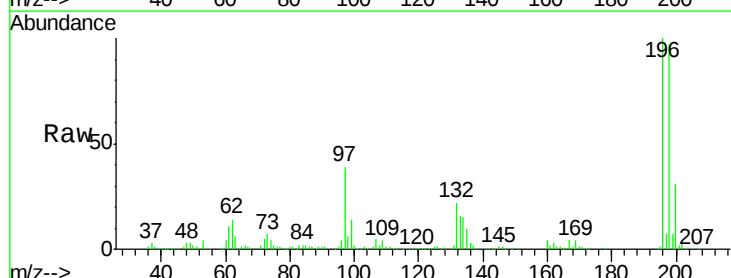
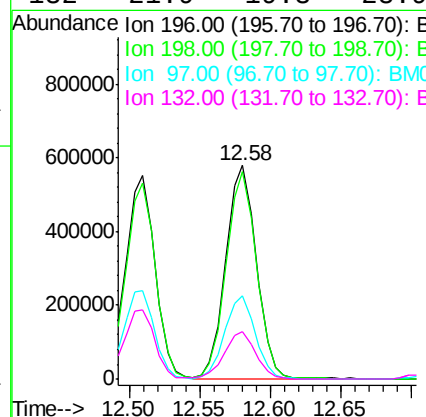
Manual Integrations
 APPROVED

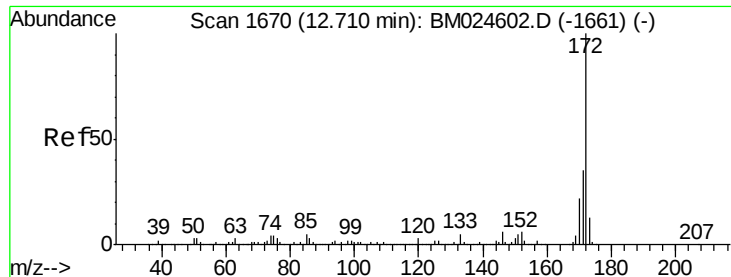
mohammad
 1/30/2020 8:03:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.406 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	868815		
198	97.0	77.2	115.8	
97	39.1	37.4	56.0	
132	21.9	19.3	28.9	





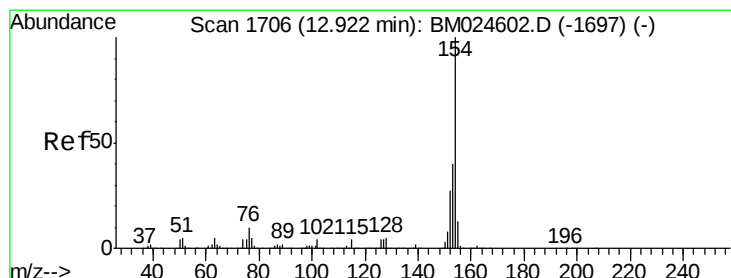
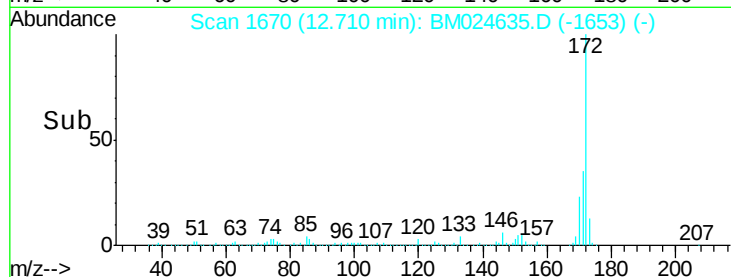
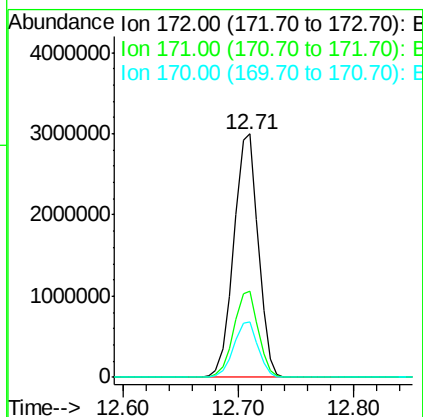
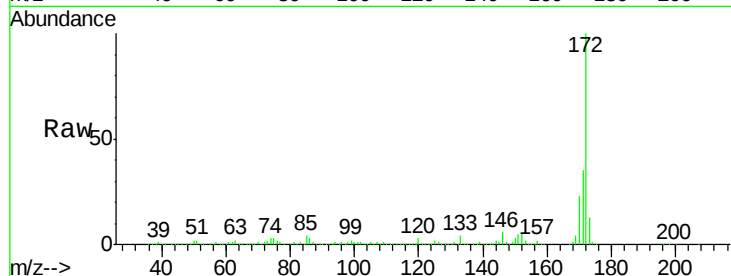
#45
2-Fluorobiphenyl
Concen: 74.052 ng
RT: 12.71 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.8	17.9	26.9

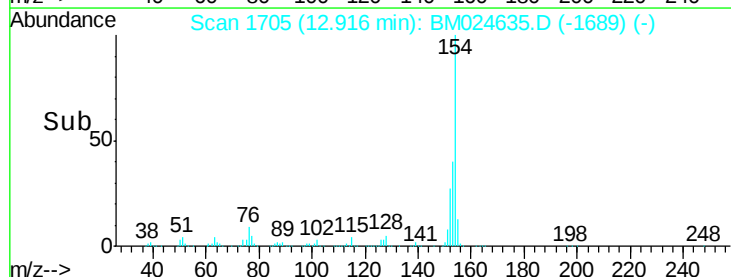
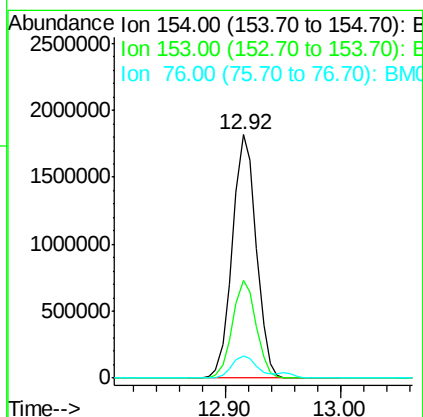
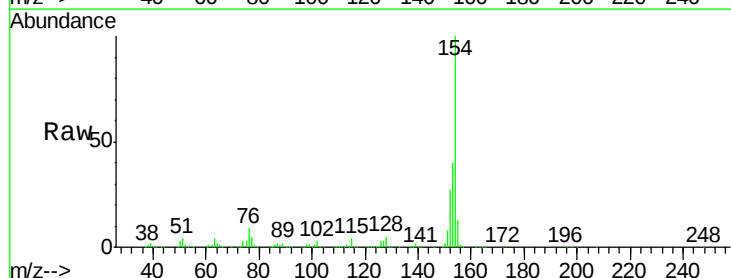
Manual Integrations
APPROVED

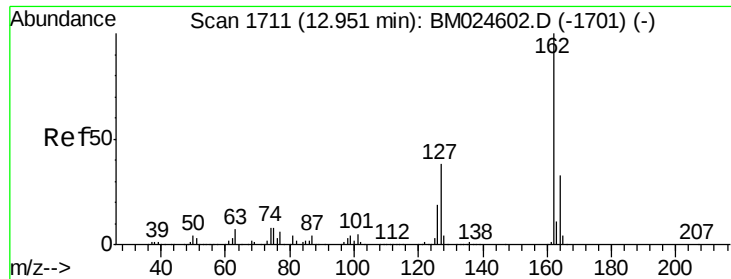
mohammad
1/30/2020 8:03:05 AM



#46
1,1'-Biphenyl
Concen: 42.653 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	9.3	0.0	30.5





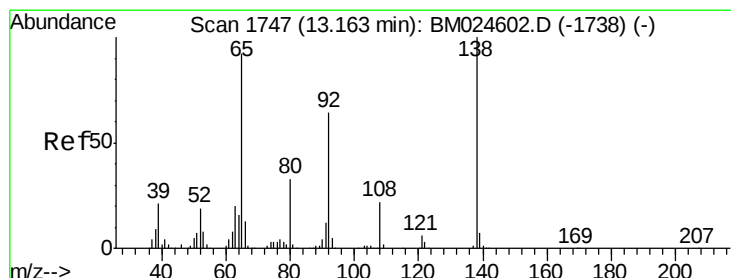
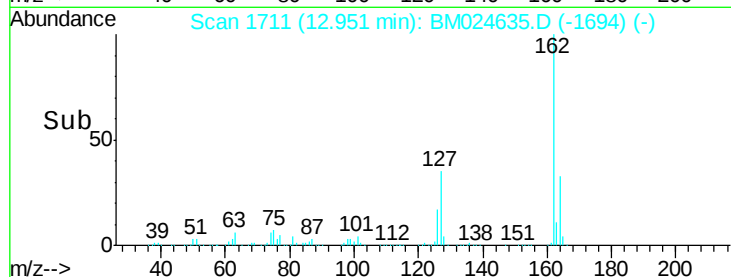
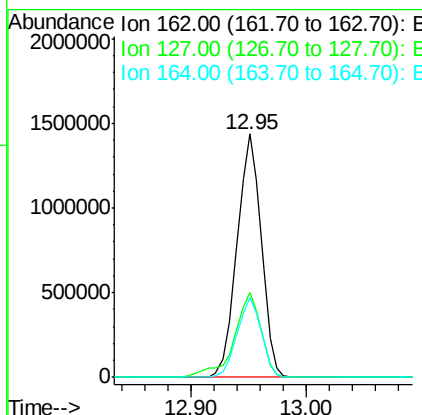
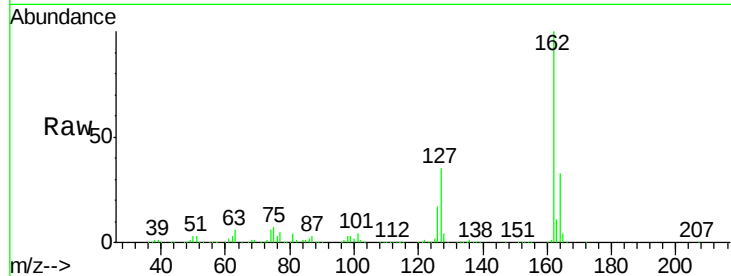
#47
2-Chloronaphthalene
Concen: 42.324 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.7	30.4	45.6
164	32.9	26.5	39.7

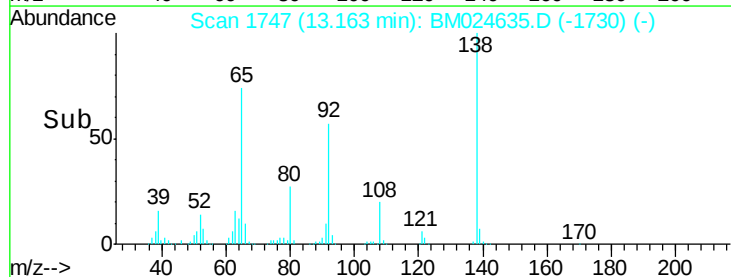
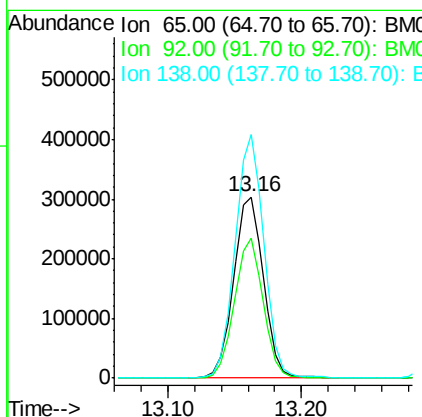
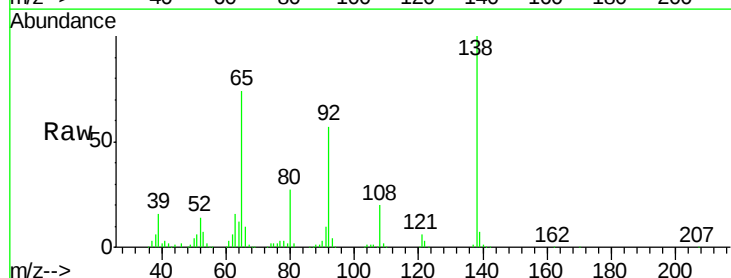
Manual Integrations
APPROVED

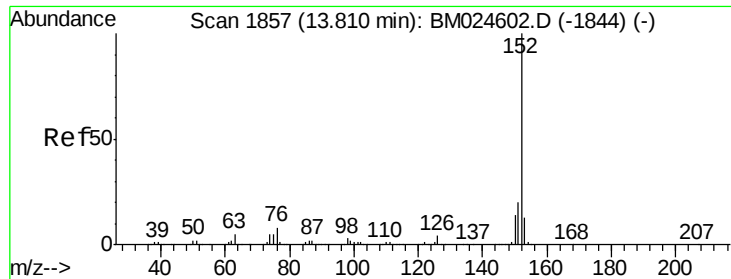
mohammad
1/30/2020 8:03:05 AM



#48
2-Nitroaniline
Concen: 31.357 ng
RT: 13.16 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.0	55.4	83.2
138	134.3	86.6	129.8#





#49

Acenaphthylene

Concen: 43.437 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:152 Resp: 3206685

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

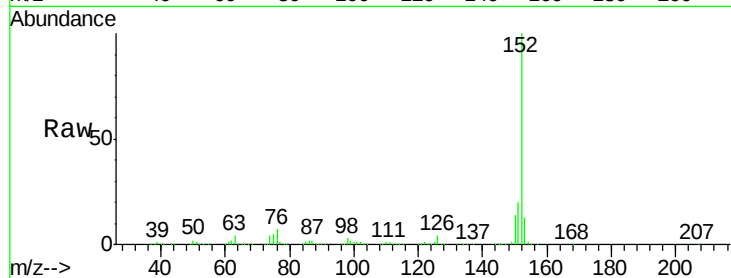
153 13.1 10.4 15.6

Manual Integrations

APPROVED

mohammad

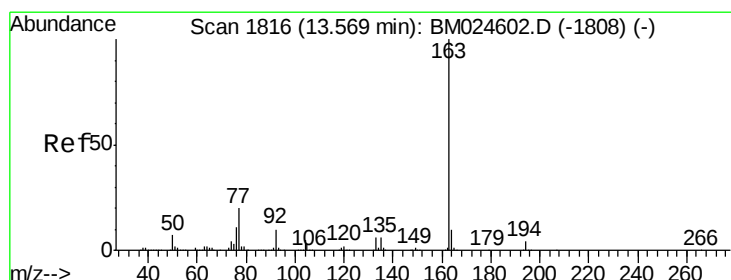
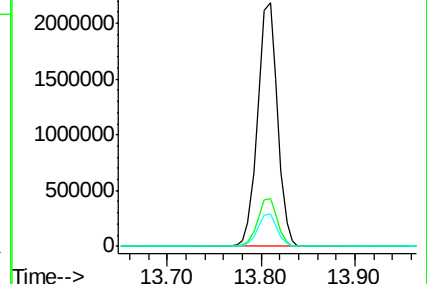
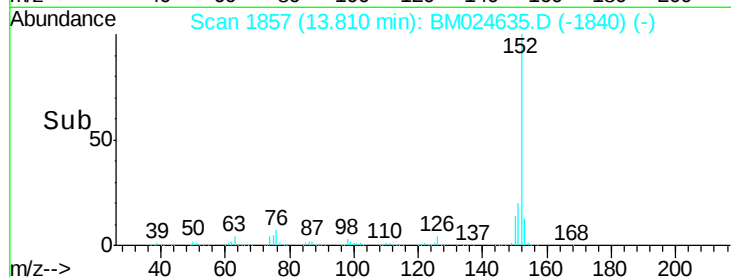
1/30/2020 8:03:05 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.569 ng

RT: 13.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

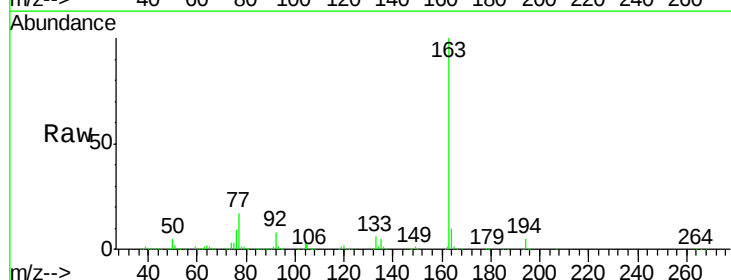
Tgt Ion:163 Resp: 2582677

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

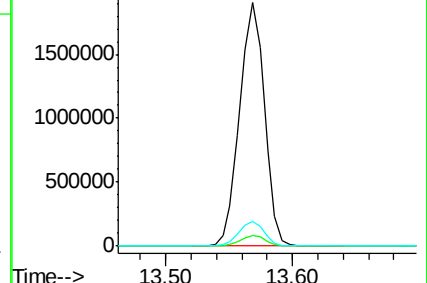
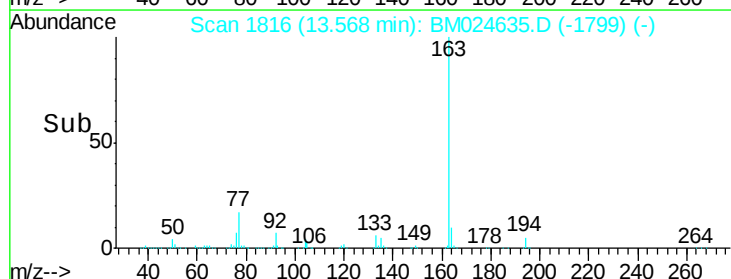
164 10.0 8.0 12.0

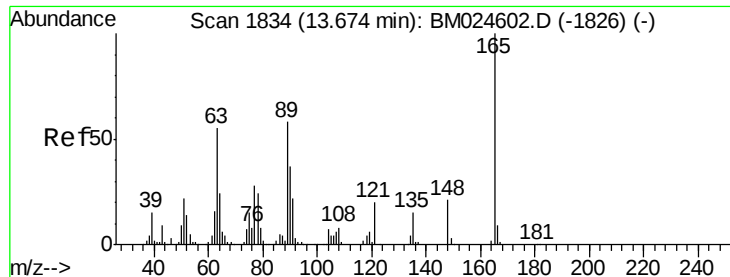


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.627 ng

RT: 13.67 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:165 Resp: 577654

Ion Ratio Lower Upper

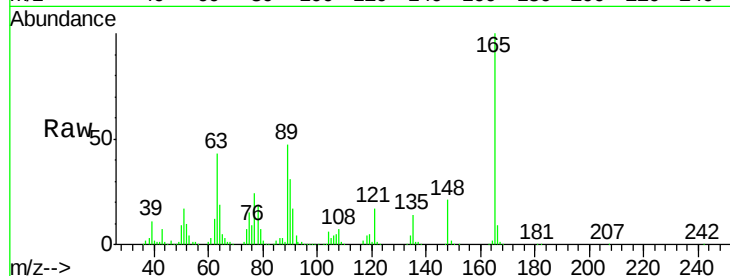
165 100

63 43.3 45.4 68.0#

89 46.9 46.6 69.8

Manual Integrations
APPROVED

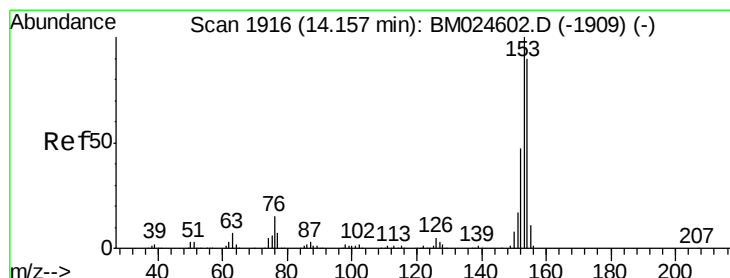
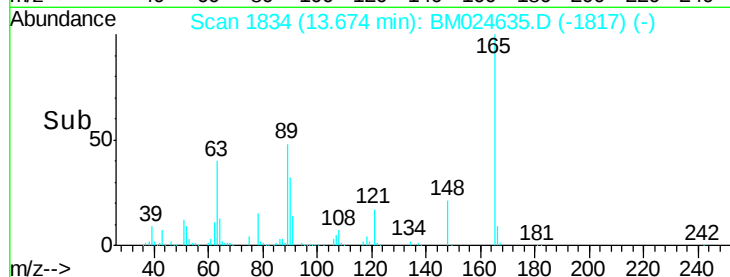
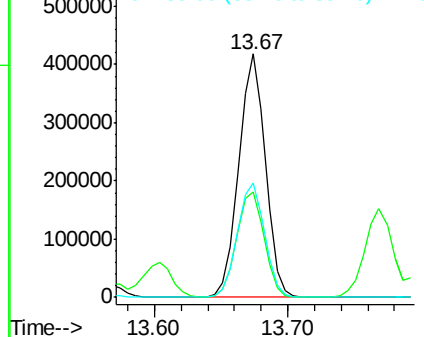
mohammad
1/30/2020 8:03:05 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 41.209 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

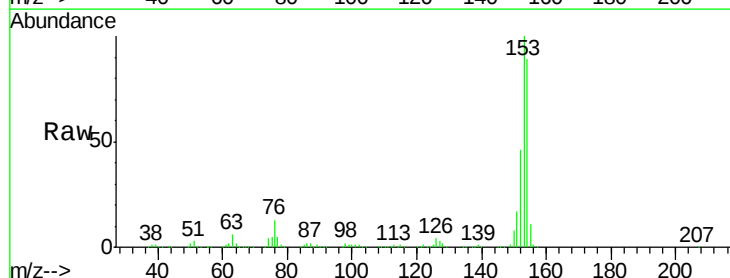
Tgt Ion:154 Resp: 1887775

Ion Ratio Lower Upper

154 100

153 112.1 89.1 133.7

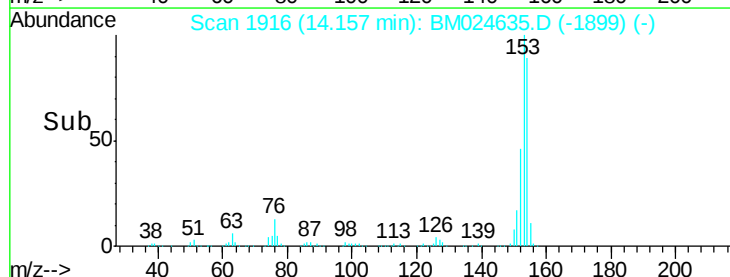
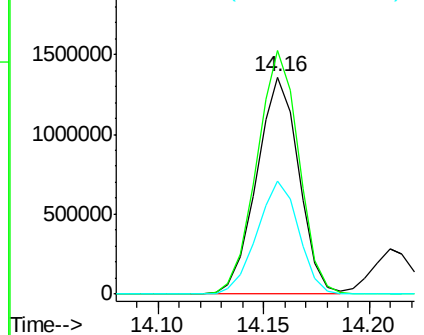
152 52.0 41.9 62.9

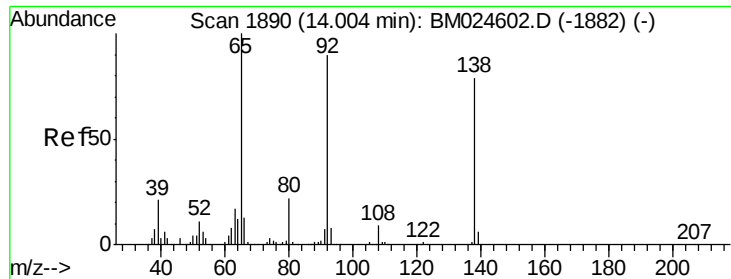


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





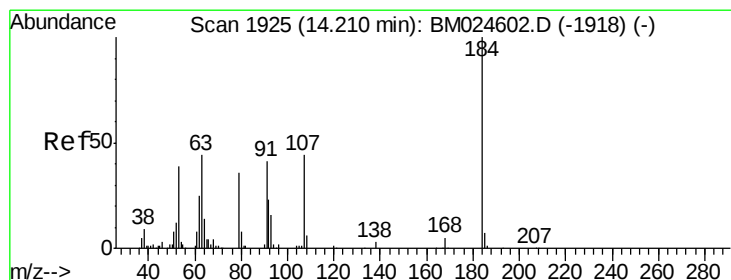
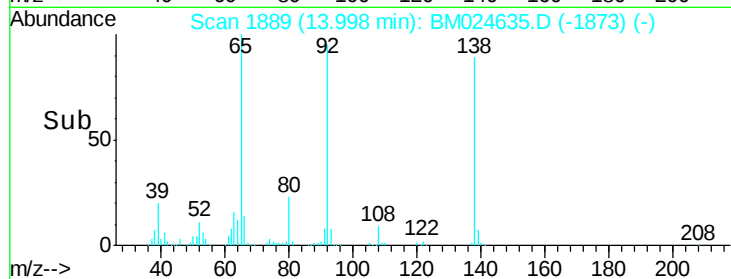
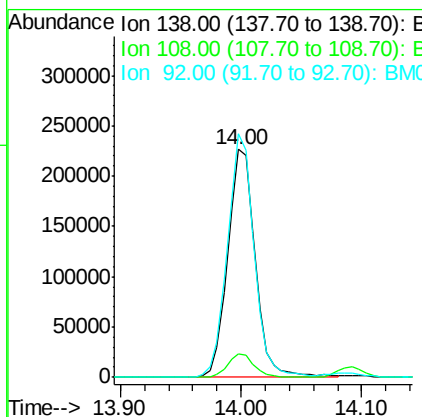
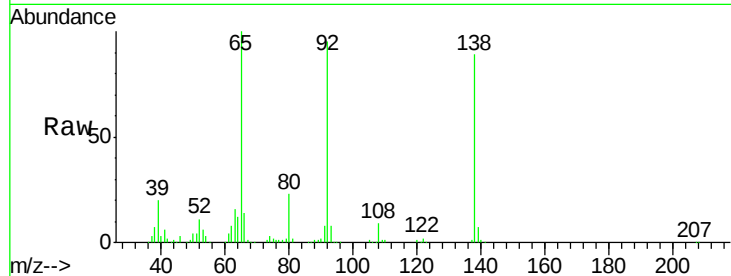
#53
3-Nitroaniline
Concen: 25.032 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	107.0	91.0	136.4

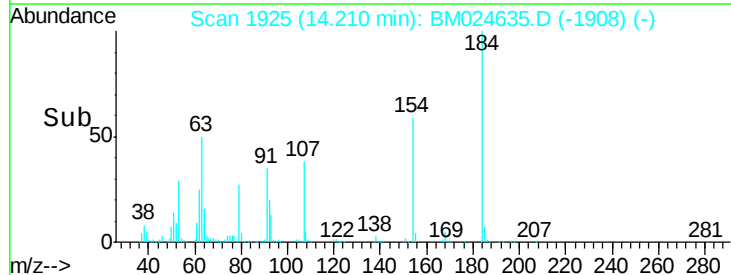
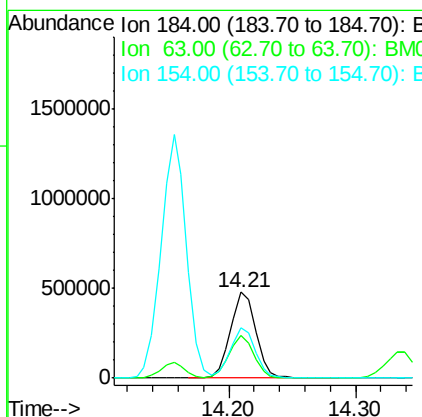
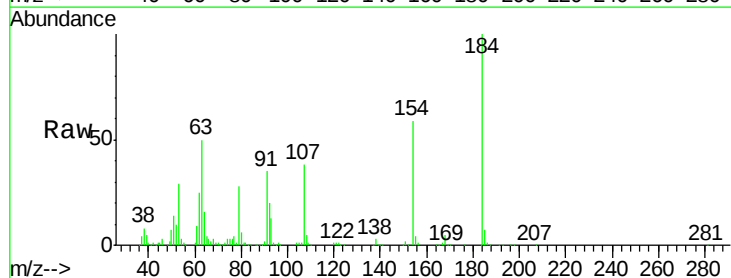
Manual Integrations
APPROVED

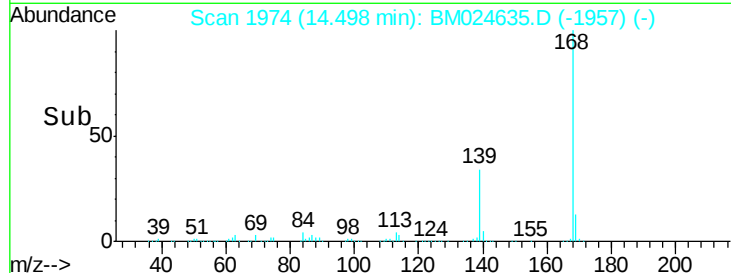
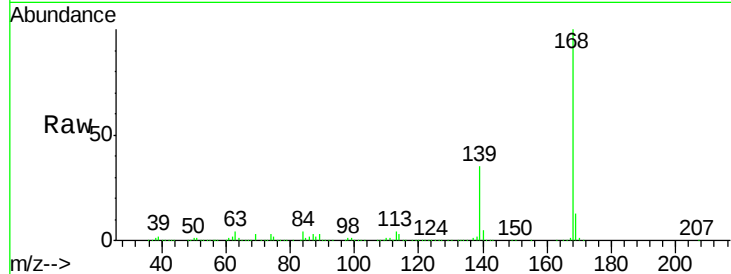
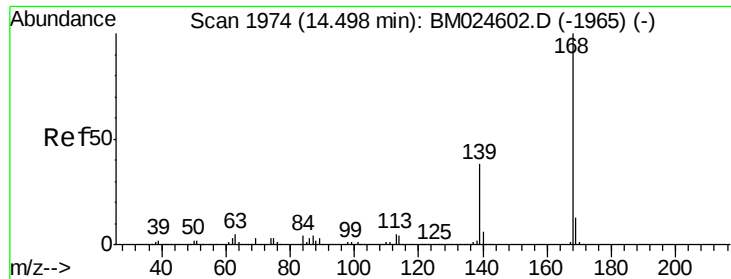
mohammad
1/30/2020 8:03:05 AM



#54
2,4-Dinitrophenol
Concen: 80.457 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.0	51.8	77.8#
154	58.9	50.2	75.4





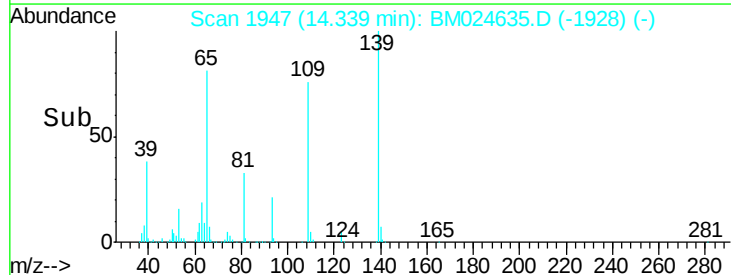
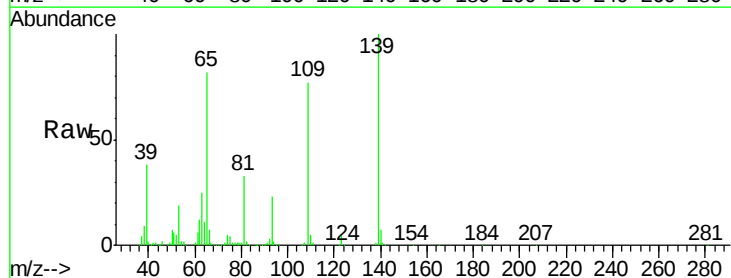
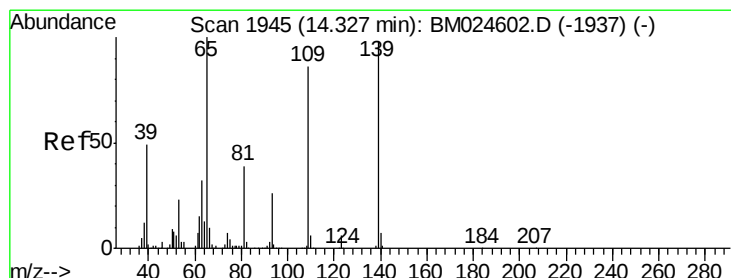
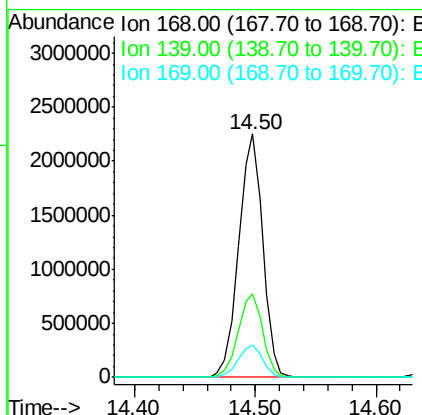
#55
Dibenzofuran
Concen: 41.972 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tot Ion:168 Resp: 3135711
Ion Ratio Lower Upper
168 100
139 34.5 30.2 45.4
169 13.1 10.7 16.1

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

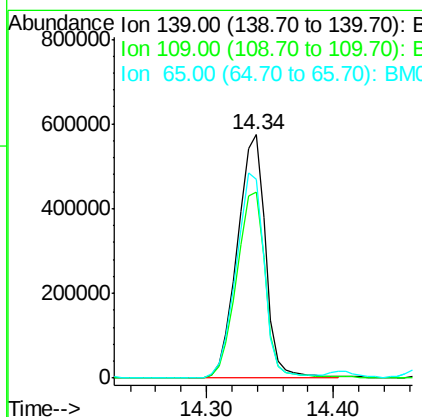
Manual Integrations
APPROVED

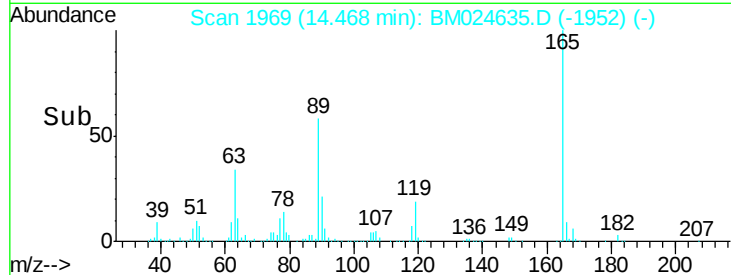
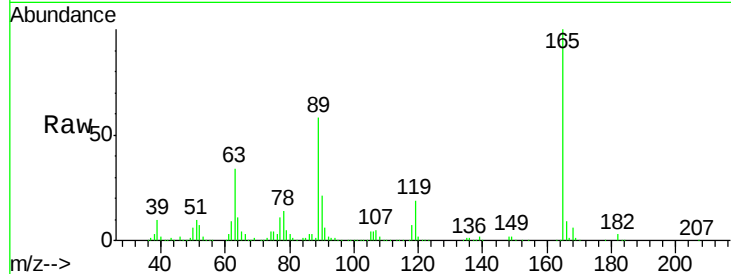
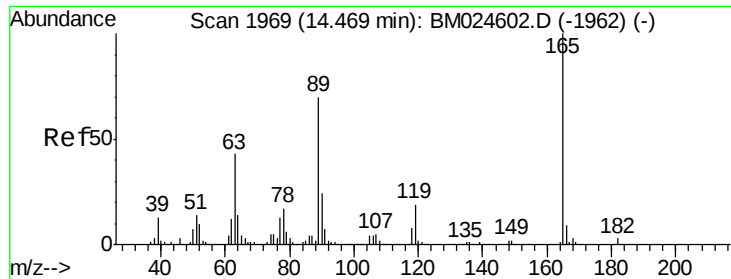
mohammad
1/30/2020 8:03:05 AM



#56
4-Nitrophenol
Concen: 78.622 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:139 Resp: 884551
Ion Ratio Lower Upper
139 100
109 76.5 67.4 107.4
65 81.8 82.1 122.1#





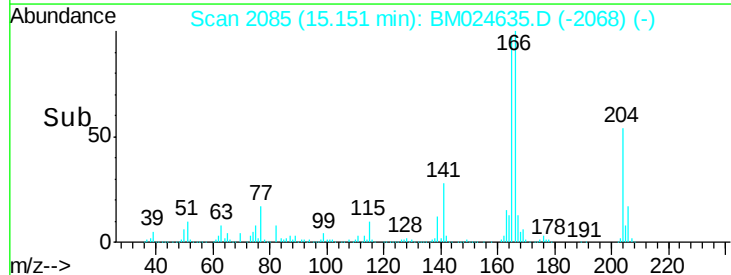
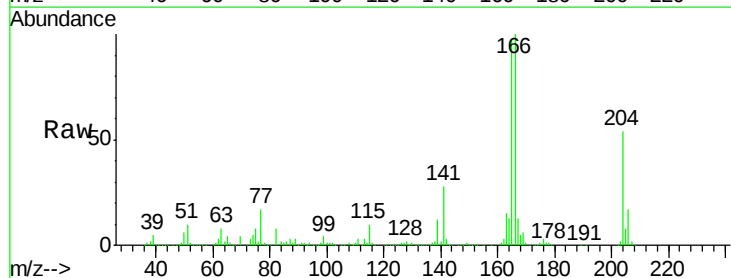
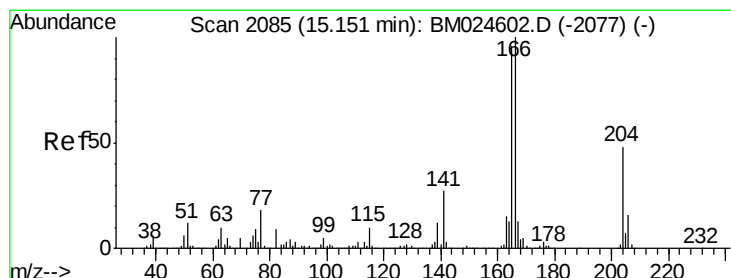
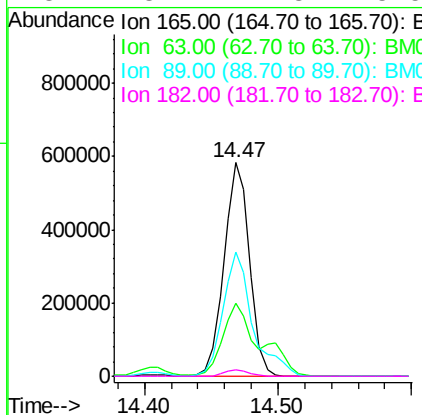
#57
2,4-Dinitrotoluene
Concen: 39.184 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		779296		
63	34.0	34.5	51.7#		
89	58.3	55.8	83.8		
182	3.1	2.3	3.5		

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

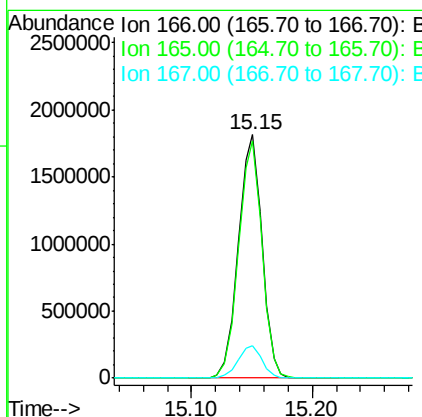
Manual Integrations
APPROVED

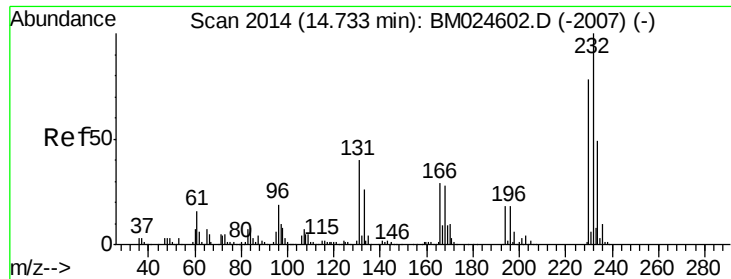
mohammad
1/30/2020 8:03:05 AM



#58
Fluorene
Concen: 39.453 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2477034		
165	97.3	76.6	114.8		
167	13.3	10.8	16.2		





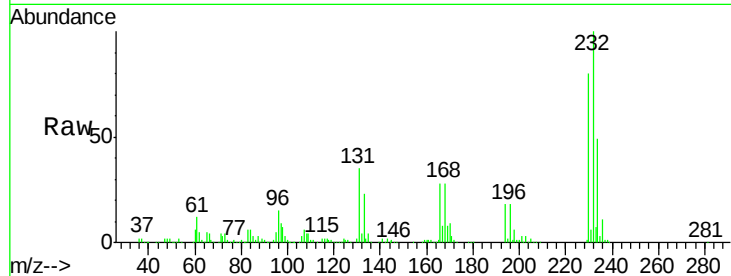
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.015 ng
 RT: 14.73 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

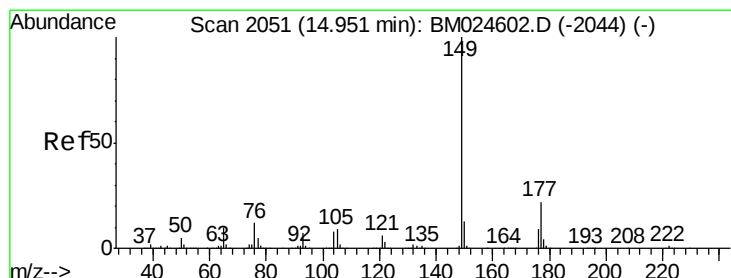
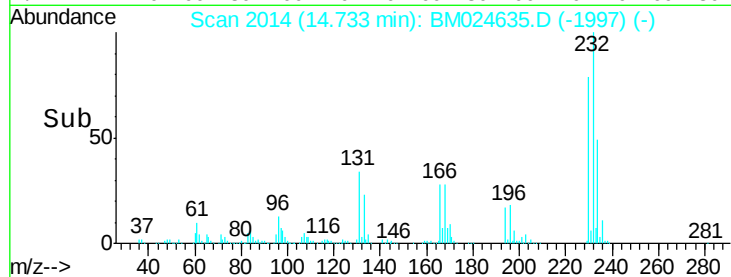
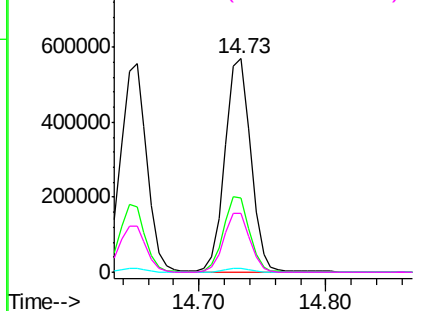
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		797703		
131	35.5	32.2	48.4		
130	1.9	1.9	2.9		
166	28.0	23.4	35.0		

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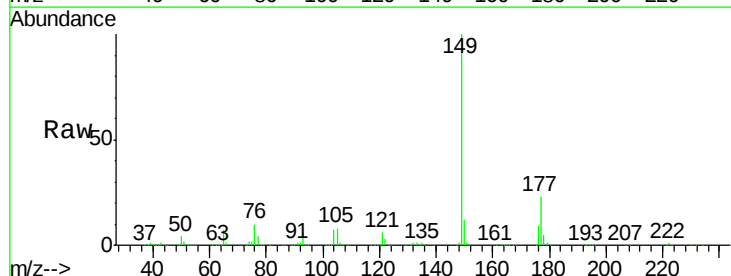


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

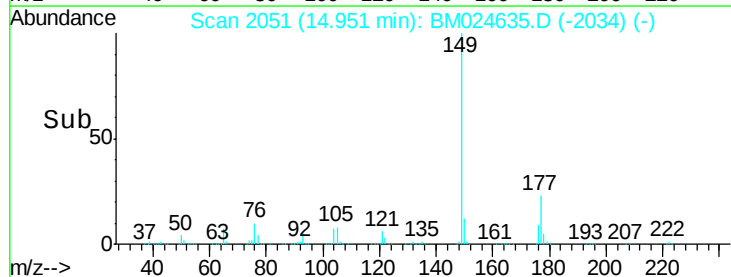
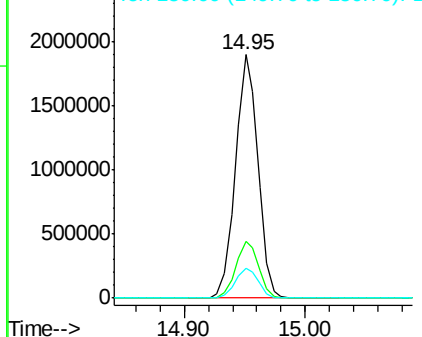


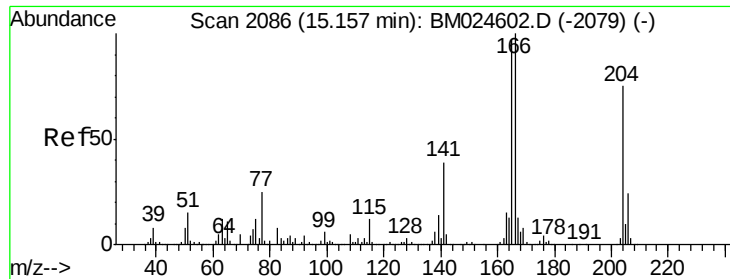
#60
 Diethylphthalate
 Concen: 37.113 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		2459260		
177	23.2	18.0	27.0		
150	12.4	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





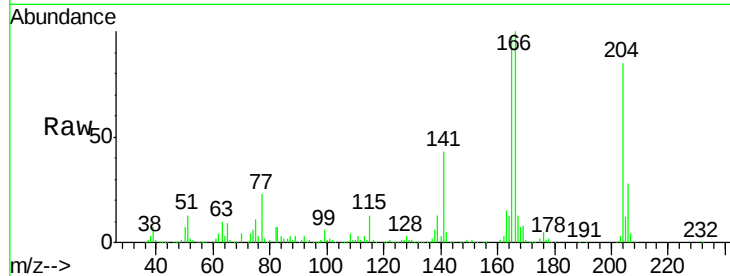
#61
4-Chlorophenyl-phenylether
Concen: 39.290 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampled :
PB126361BSD

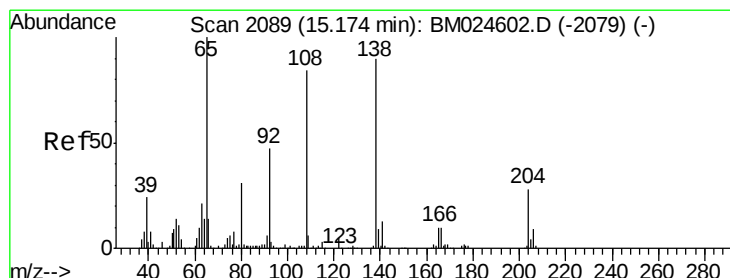
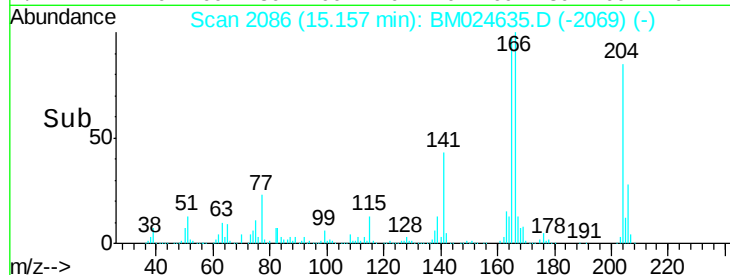
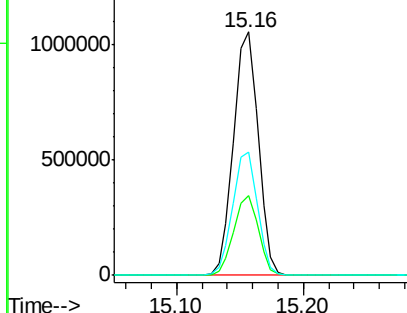
Tot Ion:204 Resp: 1422163
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 50.4 42.2 63.2

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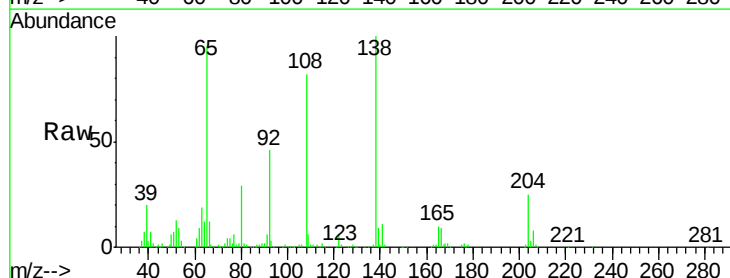


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

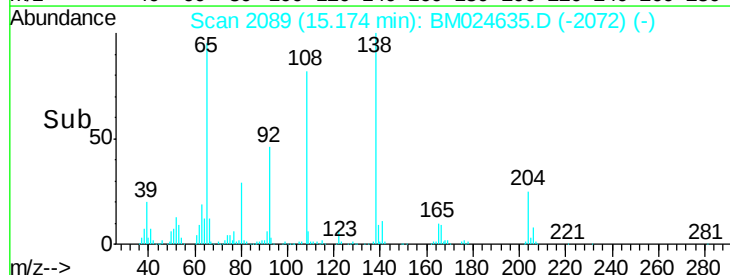
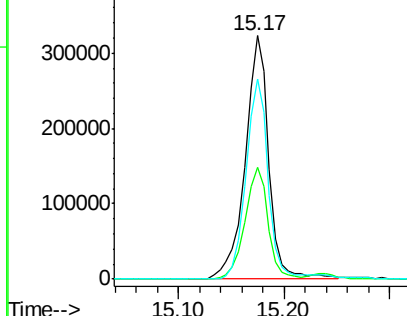


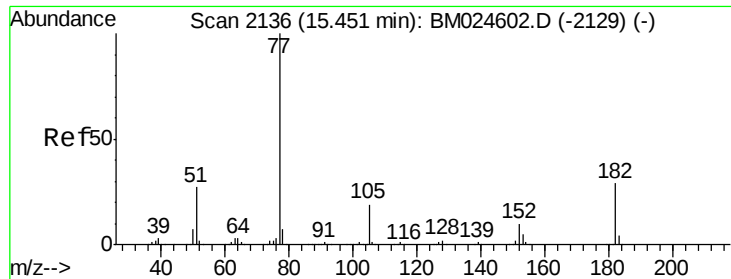
#62
4-Nitroaniline
Concen: 31.612 ng
RT: 15.17 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:138 Resp: 502223
Ion Ratio Lower Upper
138 100
92 46.1 32.4 72.4
108 82.1 73.3 113.3



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





#63

Azobenzene

Concen: 34.258 ng

RT: 15.45 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion: 77 Resp: 1936334

Ion Ratio Lower Upper

77 100

182 35.8 8.7 48.7

105 21.4 0.0 39.2

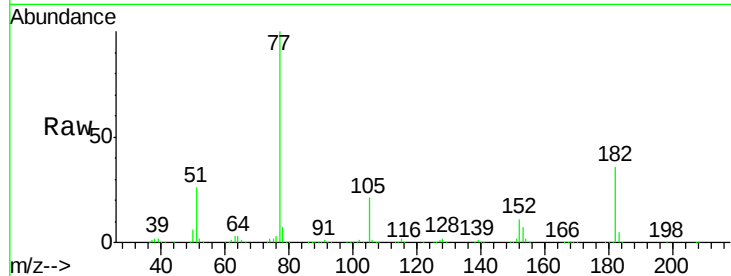
51 26.3 7.5 47.5

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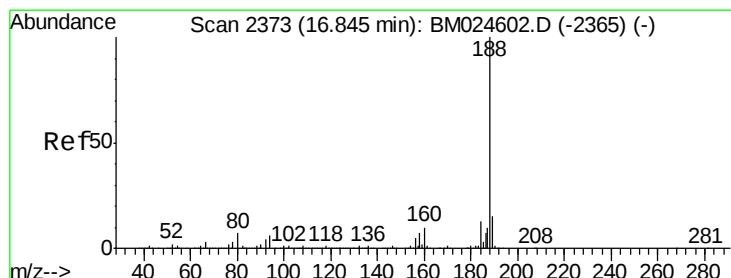
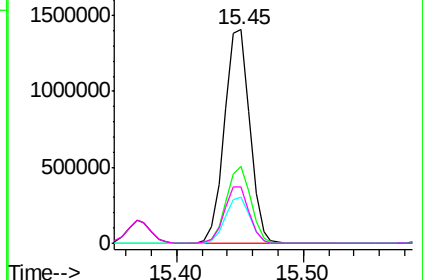
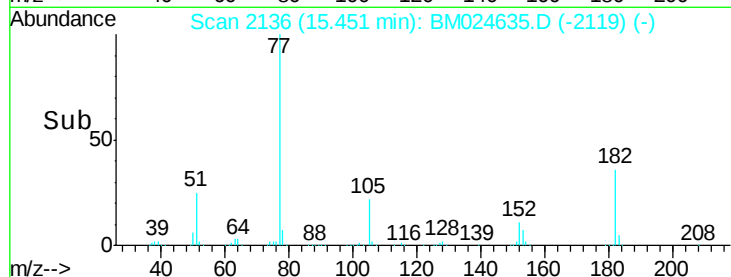


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

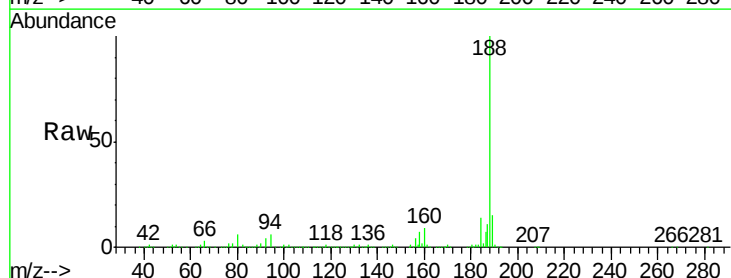
Tgt Ion: 188 Resp: 1685557

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.6

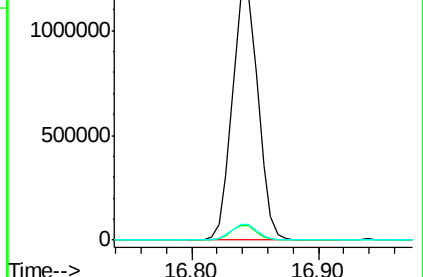
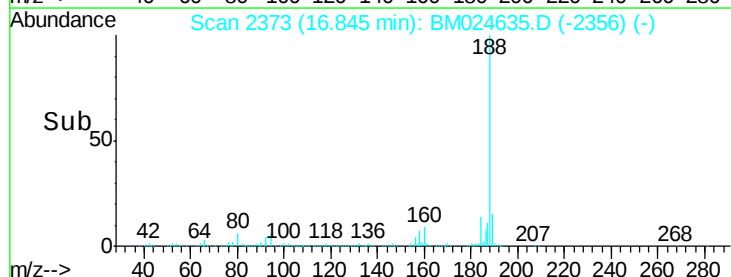
80 6.5 5.8 8.8

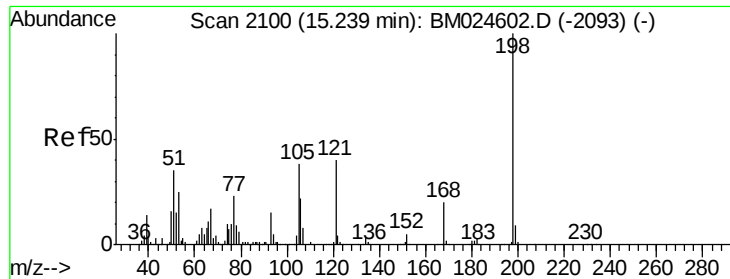


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





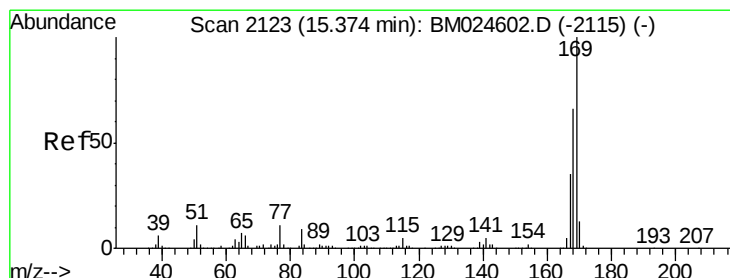
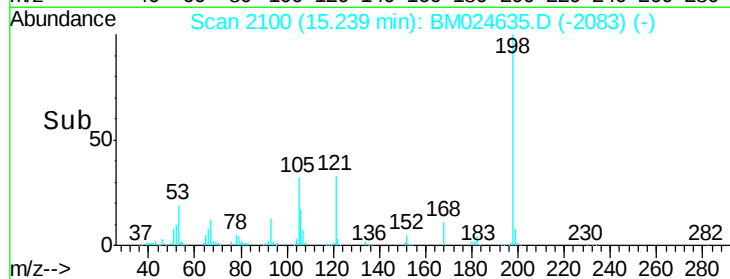
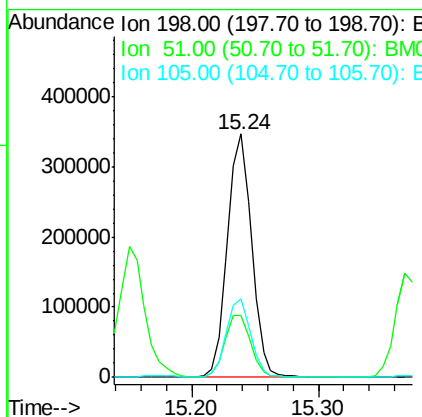
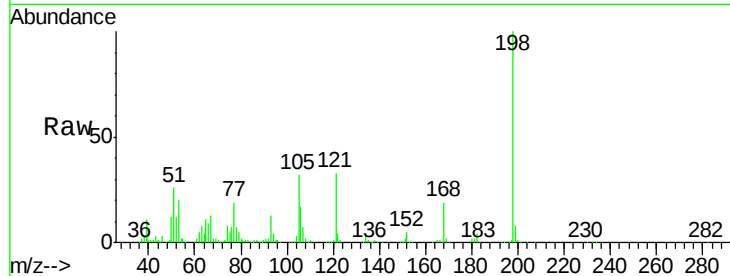
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.647 ng
 RT: 15.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	462300		
51	25.6		15.8	55.8
105	32.3		18.5	58.5

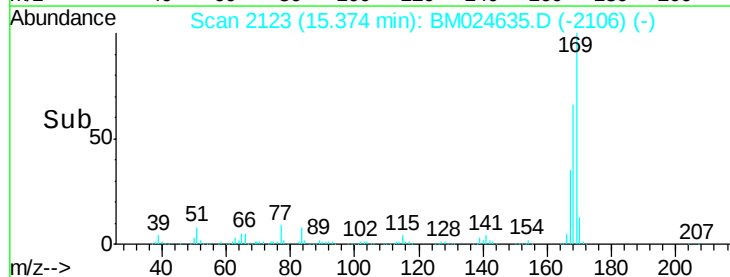
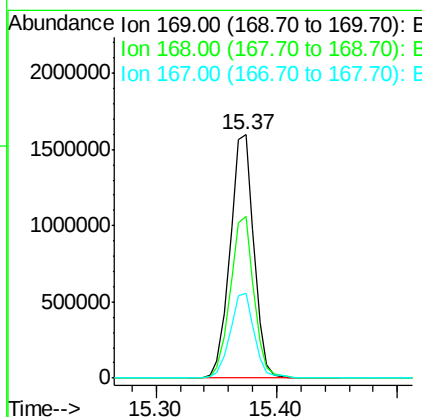
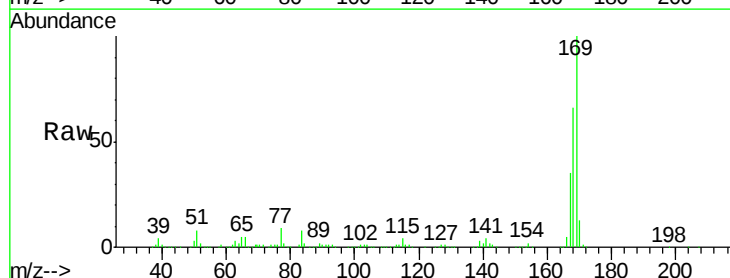
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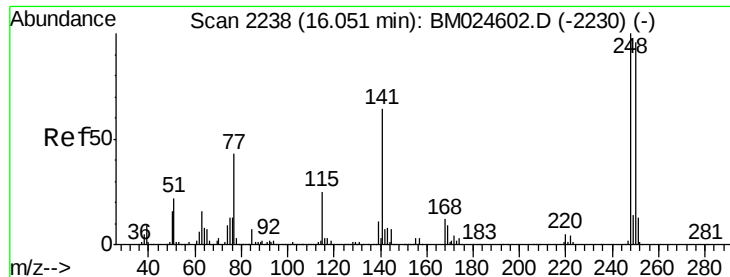
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 45.188 ng
 RT: 15.37 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2187888		
168	66.4		52.8	79.2
167	34.7		28.2	42.2





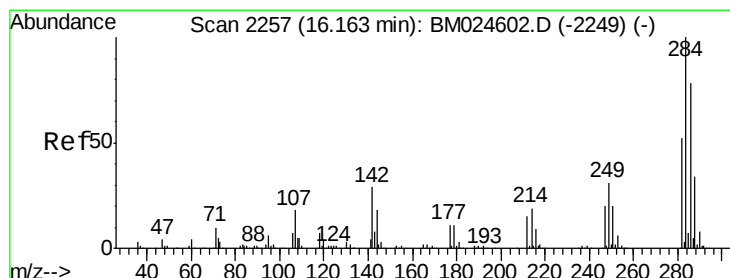
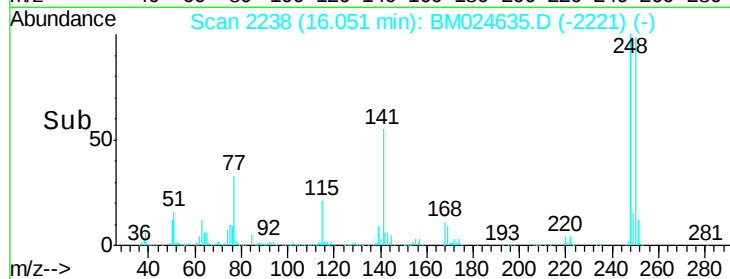
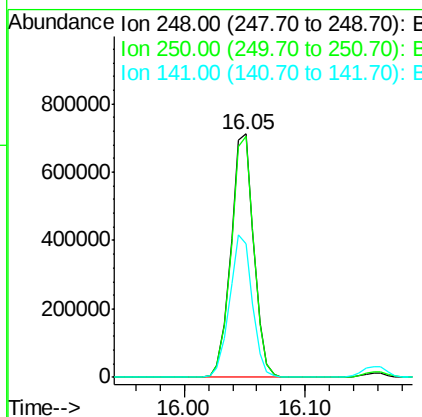
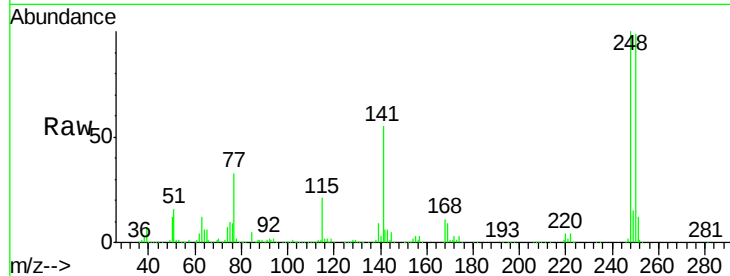
#67
4-Bromophenyl-phenylether
Concen: 44.681 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.6
141	55.1	50.9	76.3

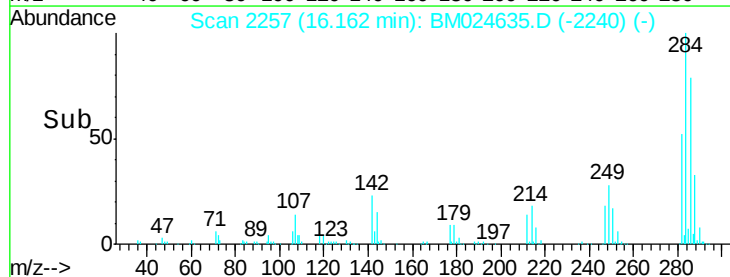
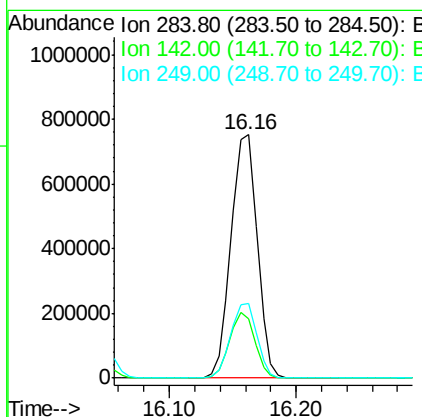
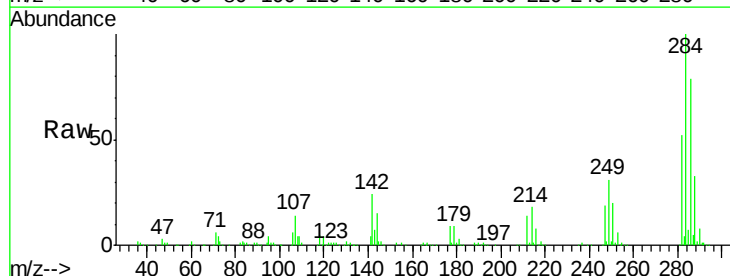
Manual Integrations
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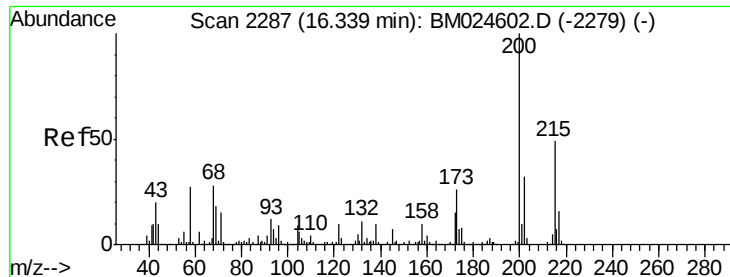
mohammad
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#68
Hexachlorobenzene
Concen: 44.614 ng
RT: 16.16 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	23.5	35.3
249	30.7	24.6	36.8





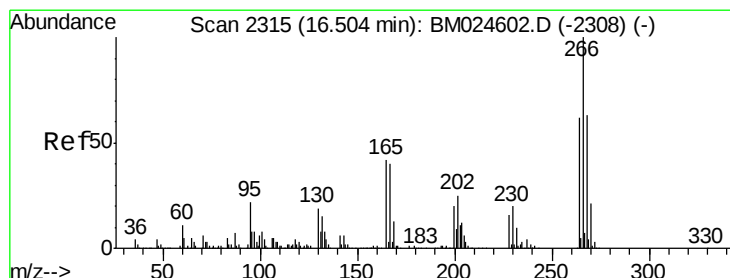
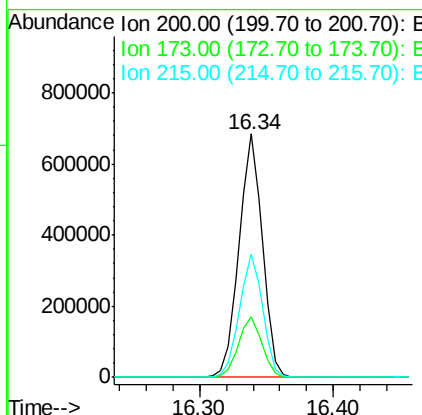
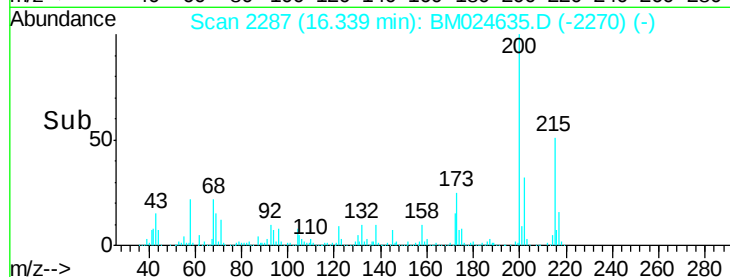
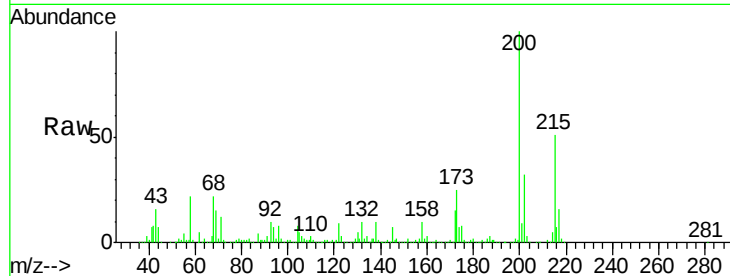
#69
 Atrazine
 Concen: 44.706 ng
 RT: 16.34 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	5.5	45.5	
215	50.9	29.4	69.4	

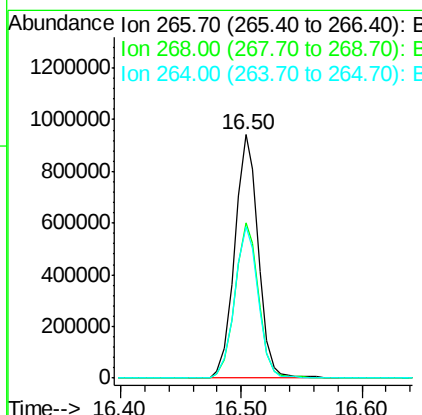
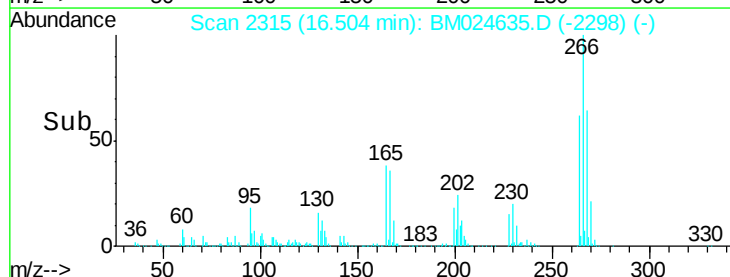
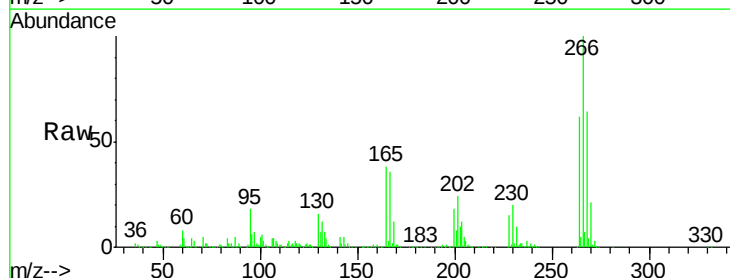
Manual Integrations
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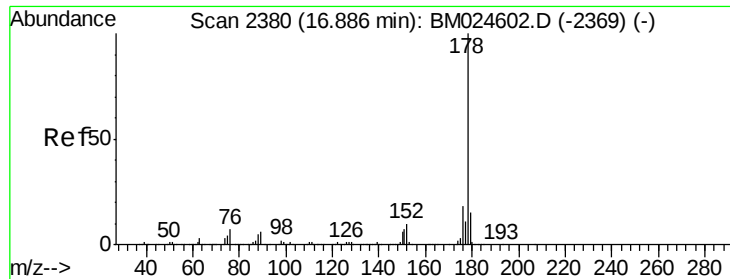
mohammad
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#70
 Pentachlorophenol
 Concen: 87.338 ng
 RT: 16.50 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

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





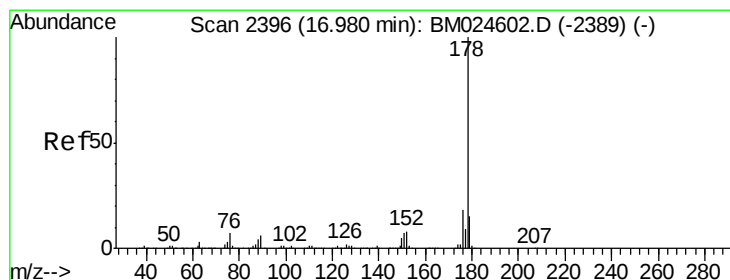
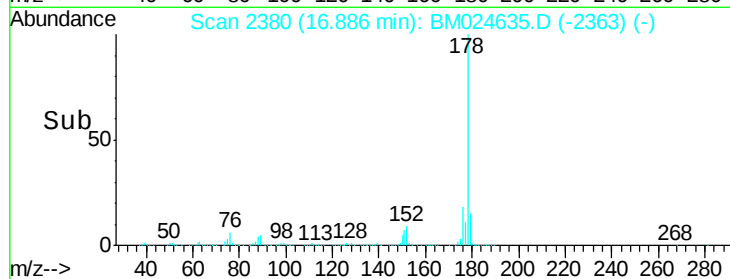
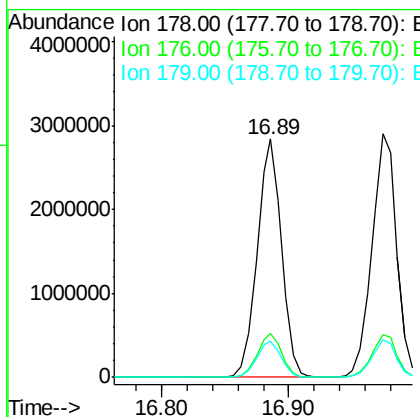
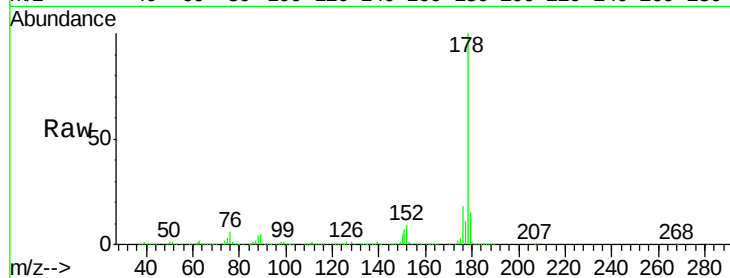
#71
Phenanthrene
Concen: 41.562 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.4	11.9	17.9

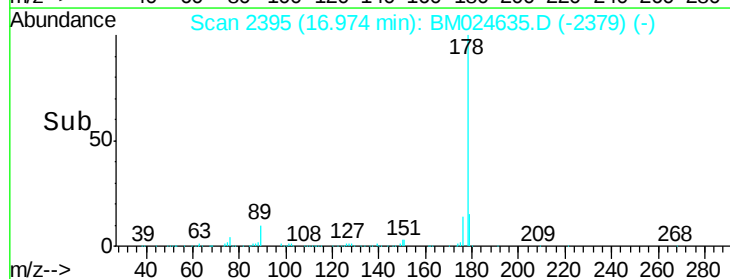
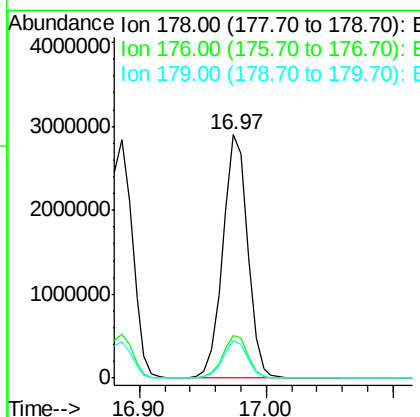
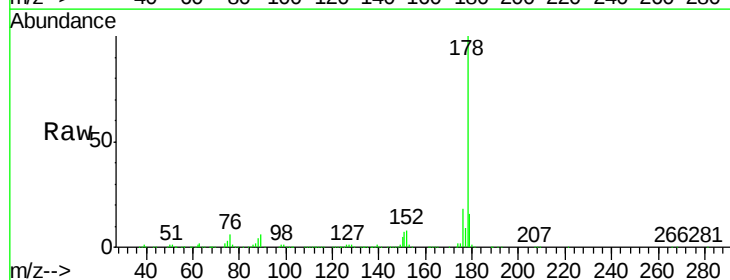
Manual Integrations
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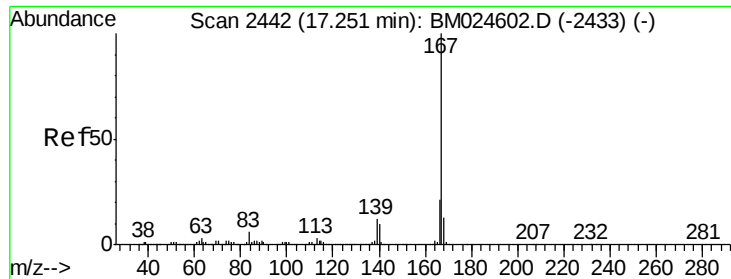
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#72
Anthracene
Concen: 43.704 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.6	12.1	18.1





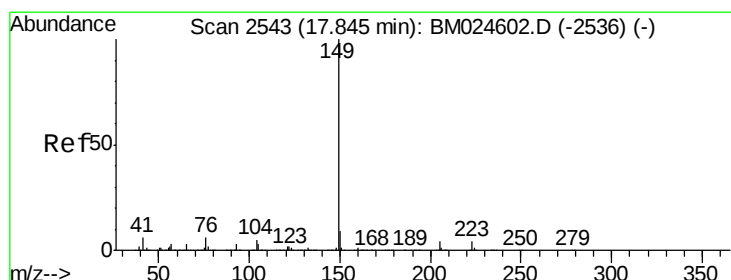
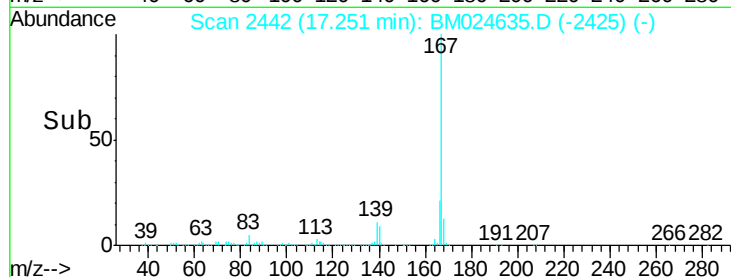
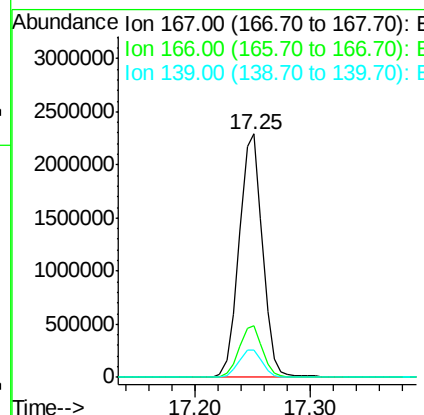
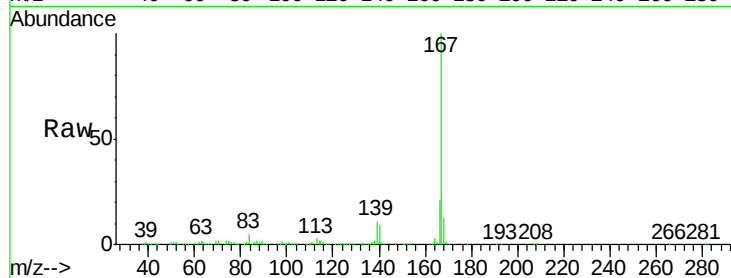
#73
 Carbazole
 Concen: 39.469 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion:167 Resp: 3208965
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 11.4 9.8 14.8

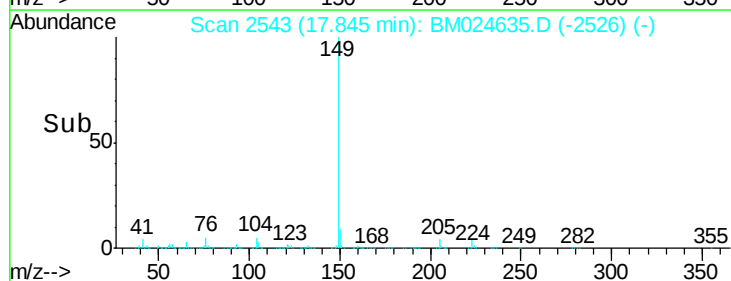
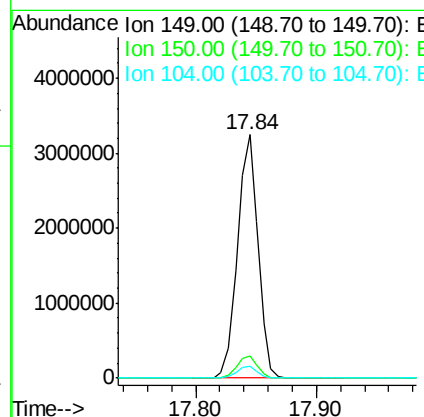
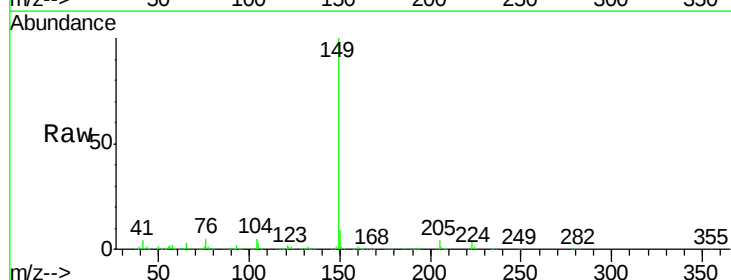
Manual Integrations
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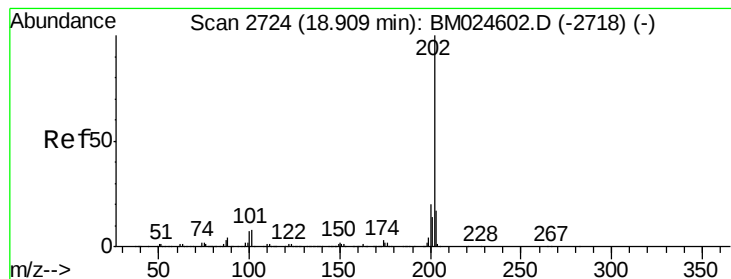
mohammad
 1/30/2020 8:03:05 AM



#74
 Di-n-butylphthalate
 Concen: 36.866 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:149 Resp: 3831816
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.8 4.3 6.5





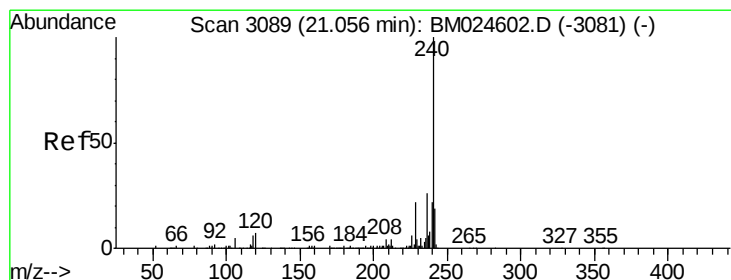
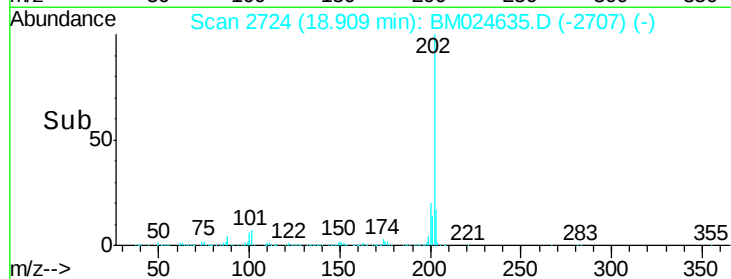
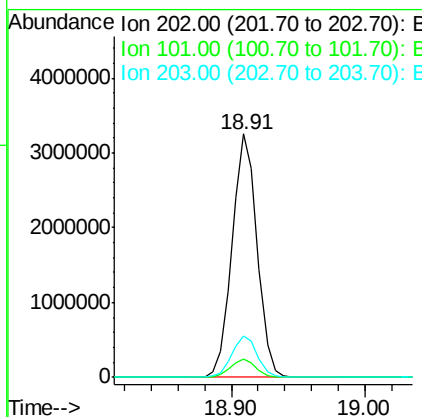
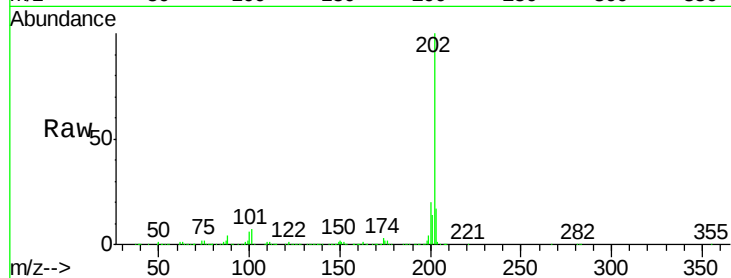
#75
 Fluoranthene
 Concen: 37.425 ng
 RT: 18.91 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.4
203	17.3	0.0	37.5

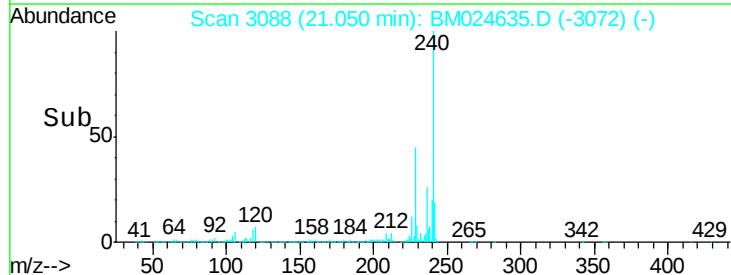
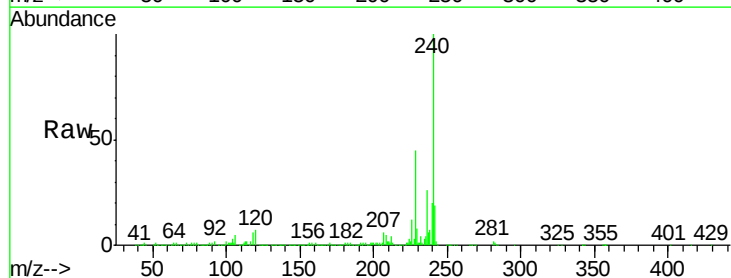
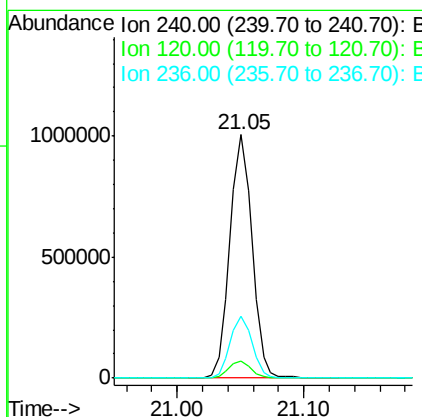
Manual Integrations
 APPROVED

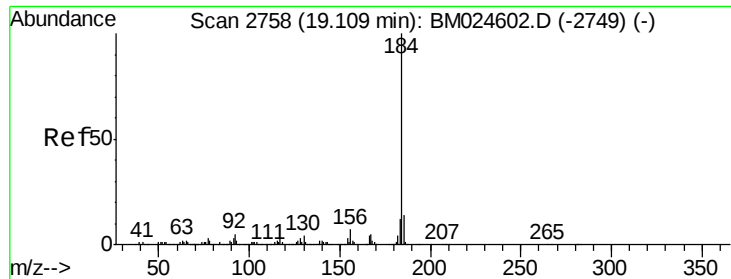
mohammad
 1/30/2020 8:03:05 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	25.5	20.6	31.0





#77

Benzidine

Concen: 82.715 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:184 Resp: 2346488

Ion Ratio Lower Upper

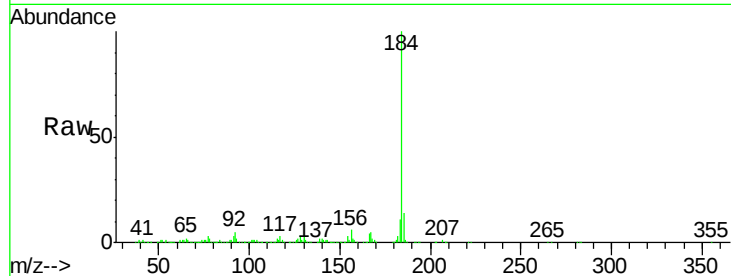
184 100

185 14.3 11.3 16.9

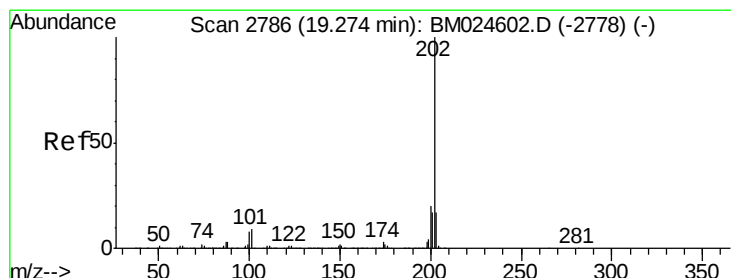
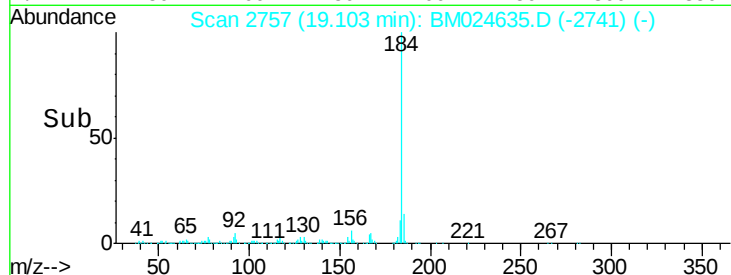
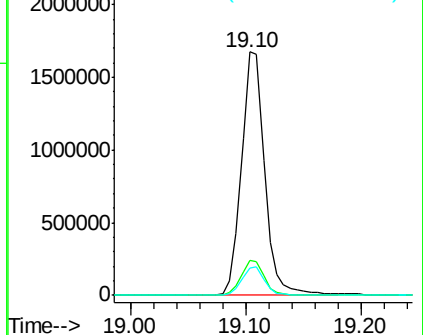
183 11.5 9.6 14.4

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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: 53.029 ng

RT: 19.27 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

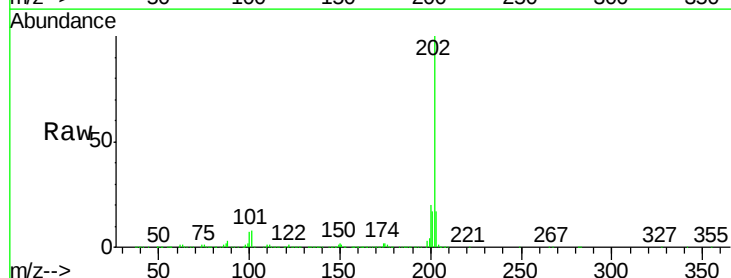
Tgt Ion:202 Resp: 4258415

Ion Ratio Lower Upper

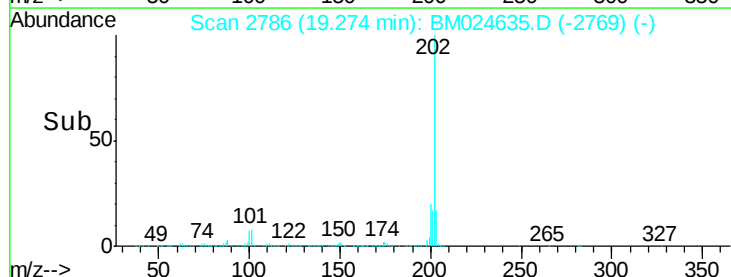
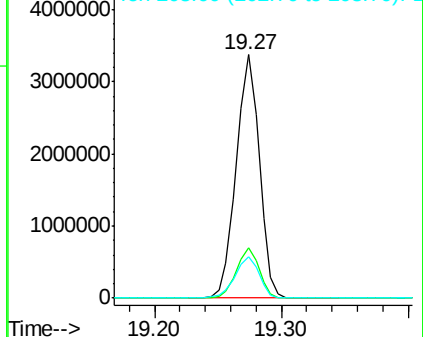
202 100

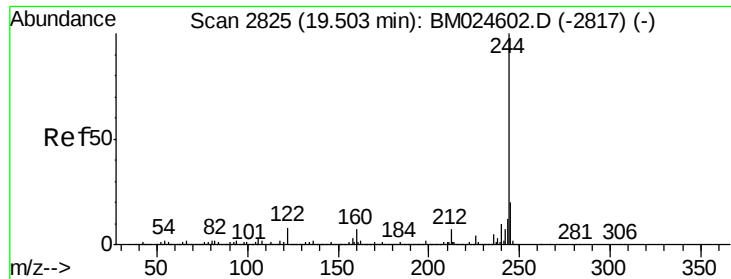
200 20.5 16.2 24.2

203 17.1 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





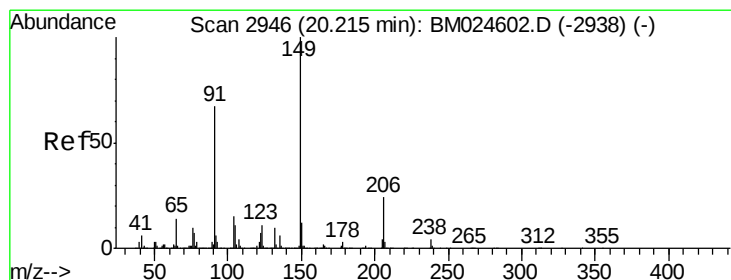
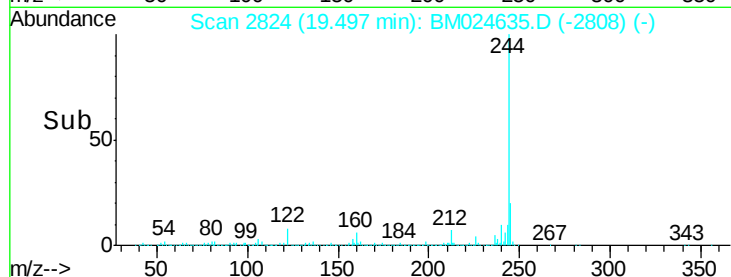
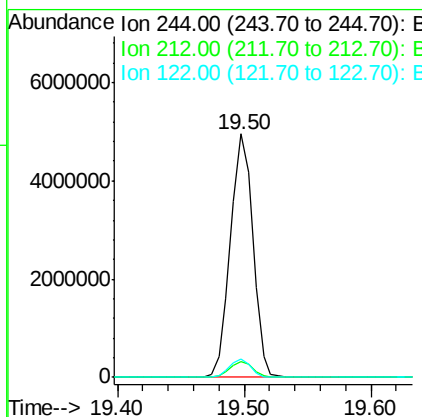
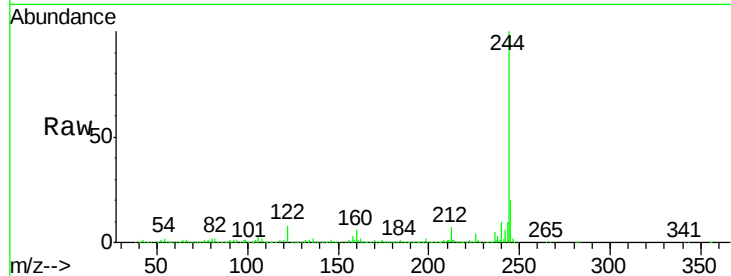
#79
 Terphenyl-d14
 Concen: 92.969 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BSD

Tot Ion:244 Resp: 6066079
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 7.6 6.2 9.4

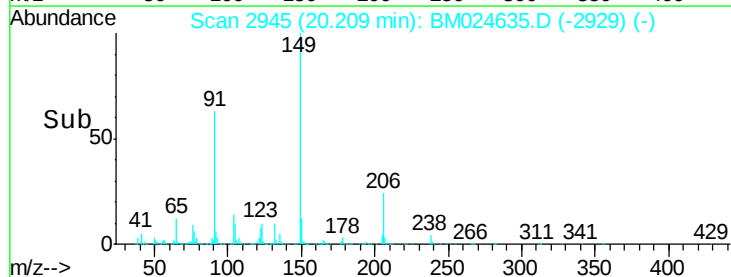
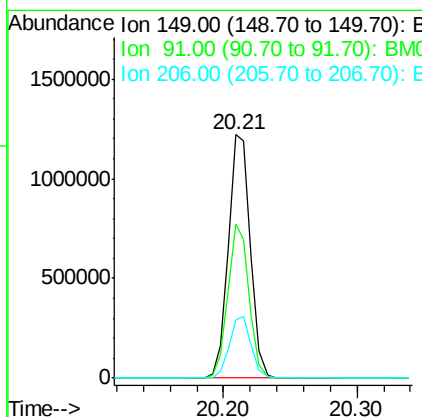
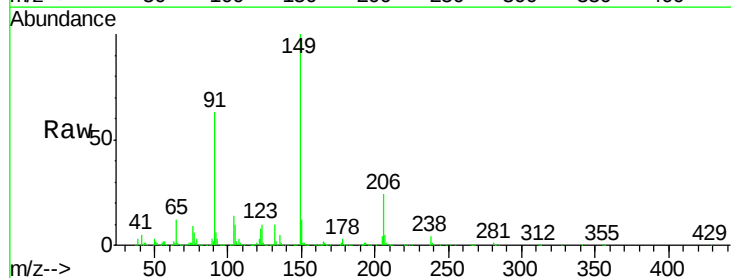
Manual Integrations
 APPROVED

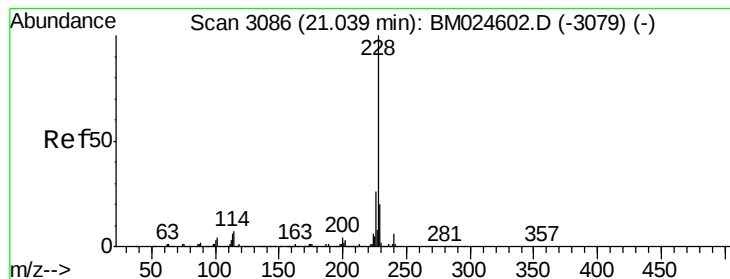
mohammad
 1/30/2020 8:03:05 AM



#80
 Butylbenzylphthalate
 Concen: 41.956 ng
 RT: 20.21 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BM024635.D
 Acq: 28 Jan 2020 11:07

Tgt Ion:149 Resp: 1413760
 Ion Ratio Lower Upper
 149 100
 91 63.4 53.9 80.9
 206 24.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 42.381 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:228 Resp: 3583116

Ion Ratio Lower Upper

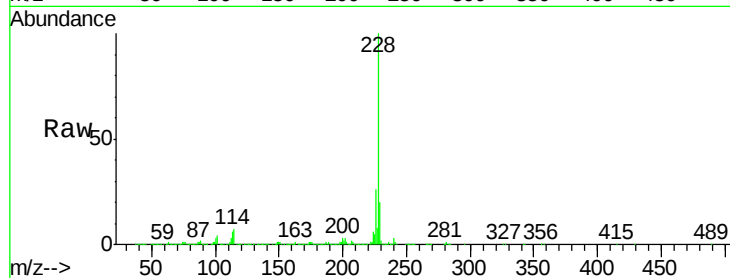
228 100

226 26.4 21.1 31.7

229 19.6 15.8 23.6

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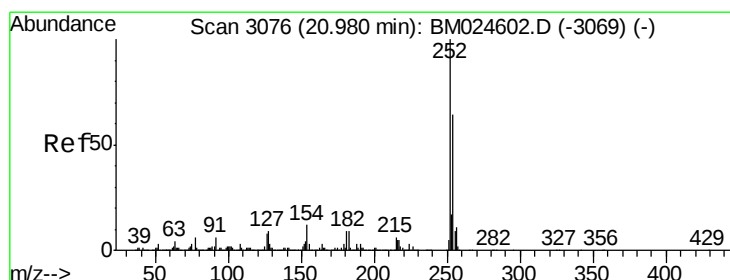
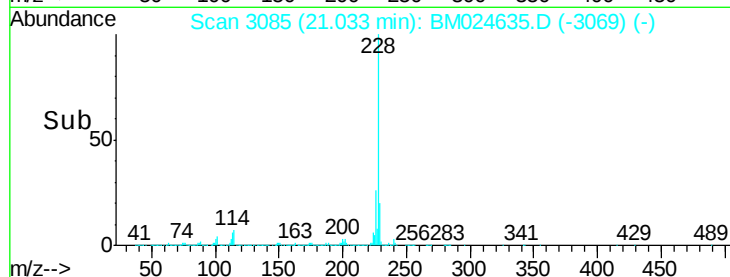
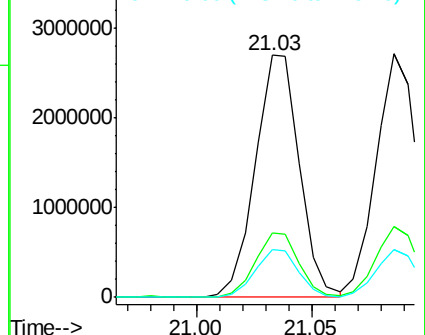
mohammad
1/30/2020 8:03:05 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.397 ng

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

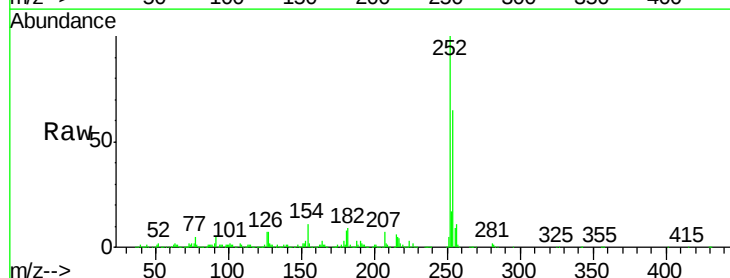
Tgt Ion:252 Resp: 924467

Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

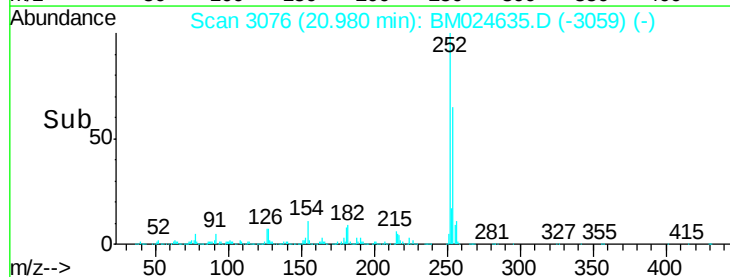
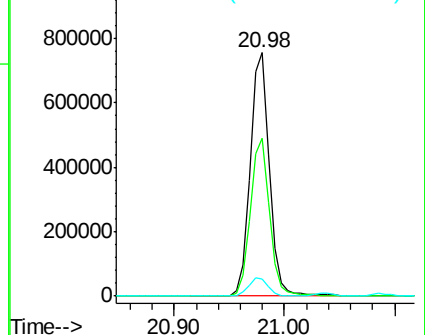
126 7.2 6.7 10.1

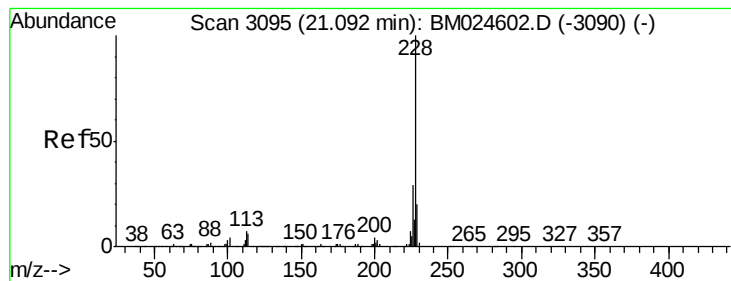


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.594 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

Instrument :

BNA_M

ClientSampleId :

PB126361BSD

Tot Ion:228 Resp: 3355493

Ion Ratio Lower Upper

228 100

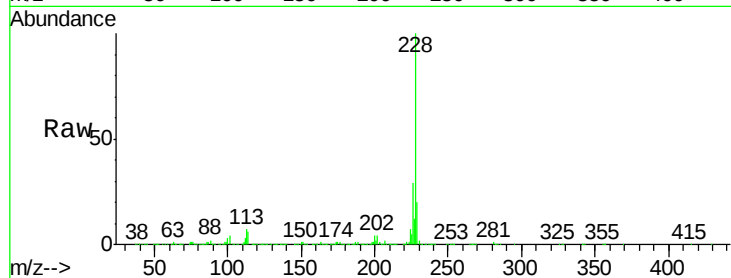
226 29.1 23.2 34.8

229 19.9 15.7 23.5

Manual Integrations
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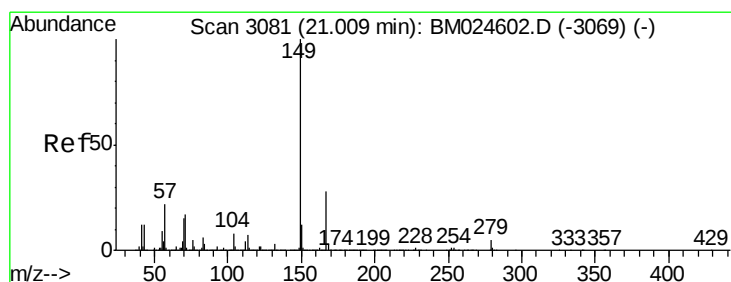
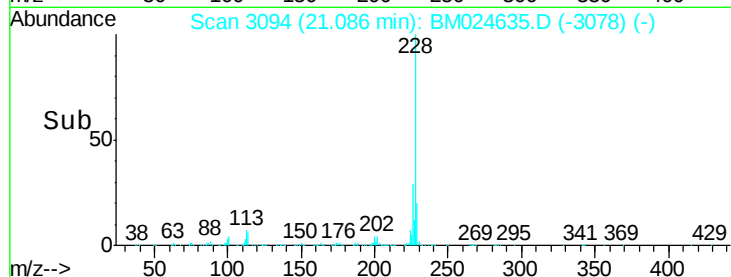
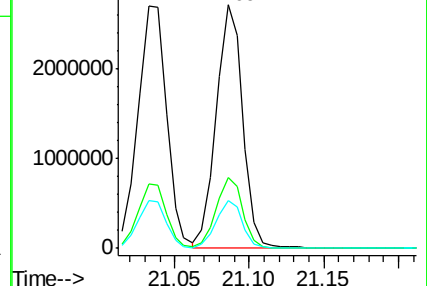
1/30/2020 8:03:05 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.603 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024635.D

Acq: 28 Jan 2020 11:07

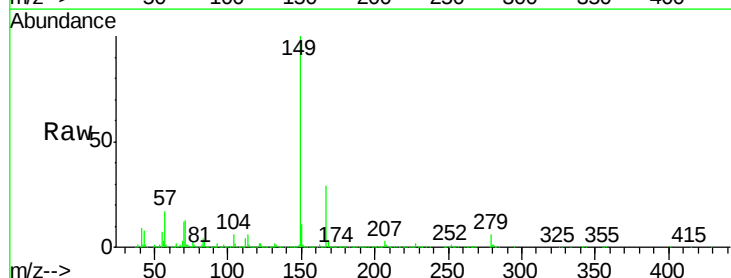
Tgt Ion:149 Resp: 1919308

Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

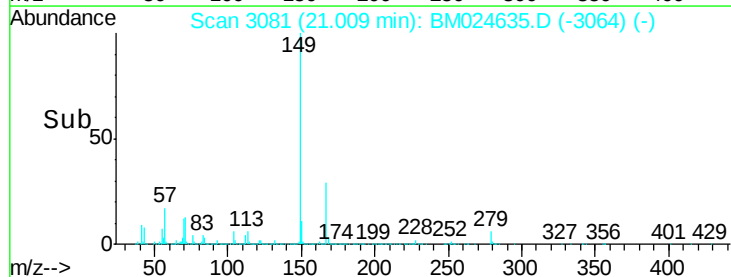
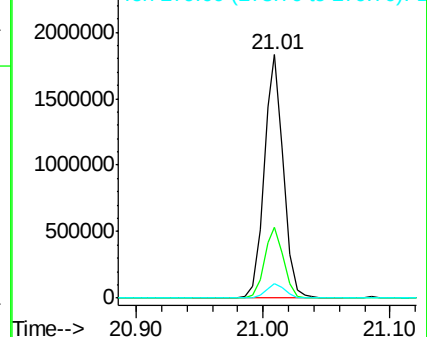
279 6.0 4.0 6.0#

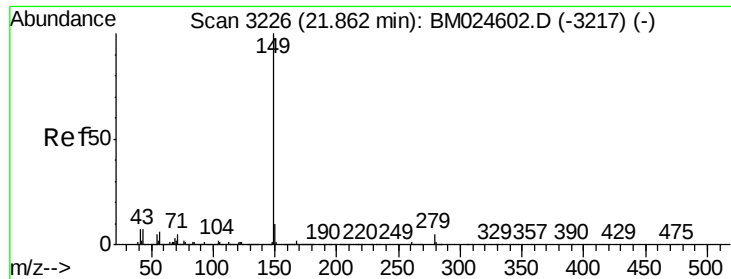


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





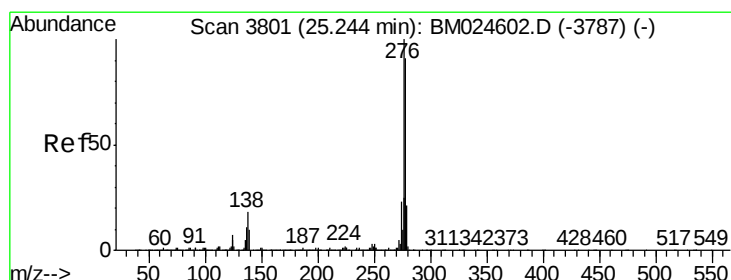
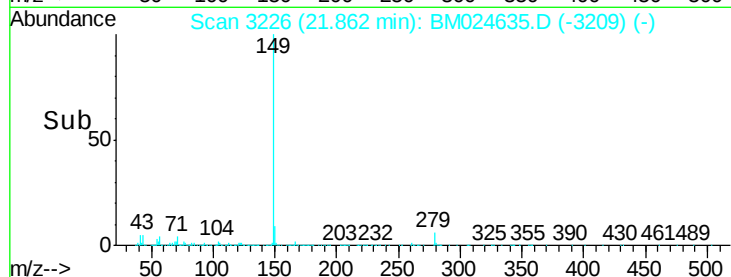
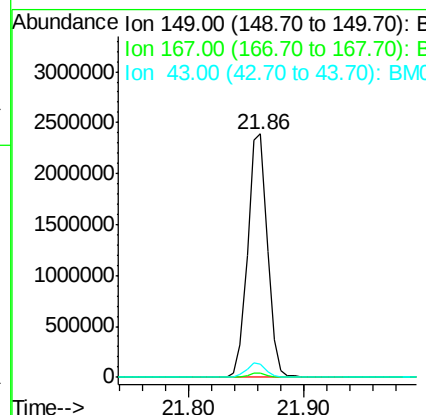
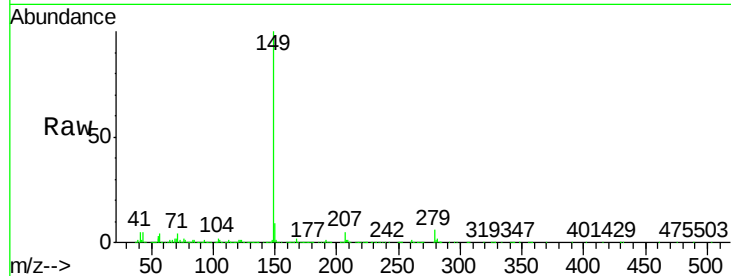
#85
Di-n-octyl phthalate
Concen: 34.324 ng
RT: 21.86 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.7	5.8	8.6

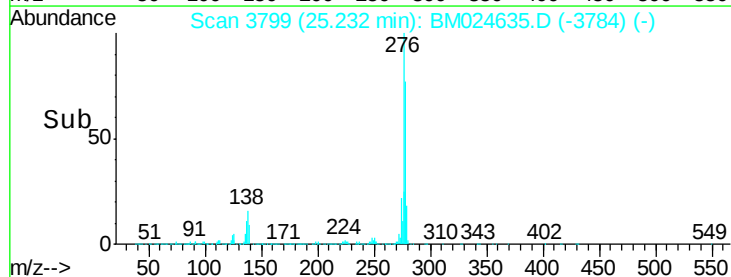
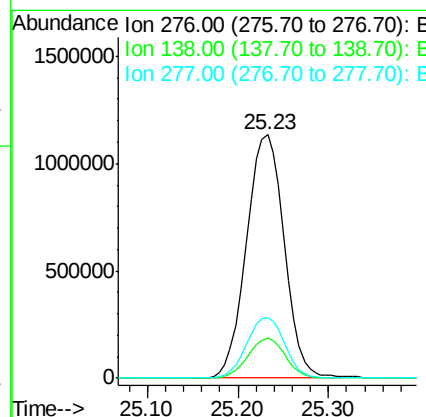
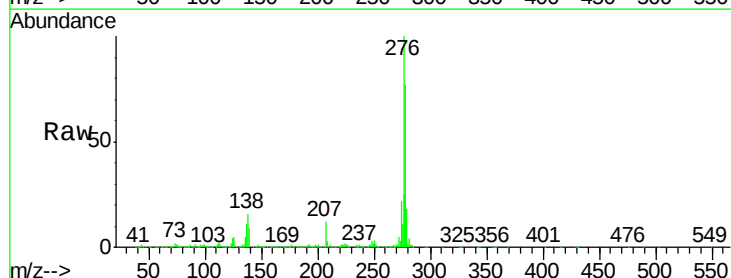
Manual Integrations
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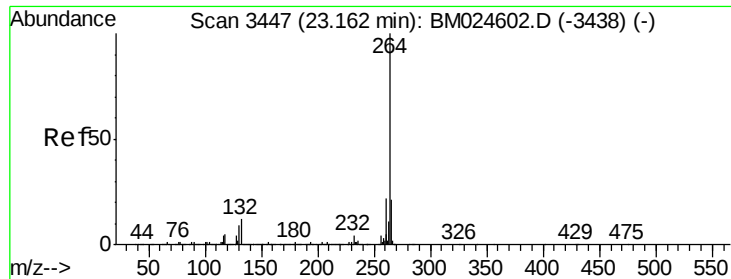
mohammad
1/30/2020 8:03:05 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.449 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.4	20.0
277	25.2	19.6	29.4





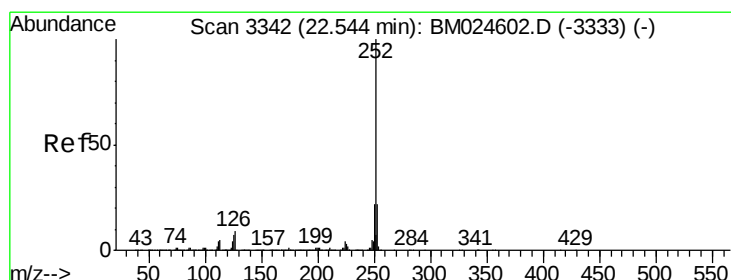
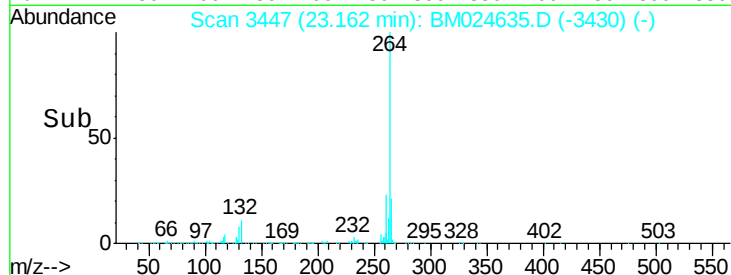
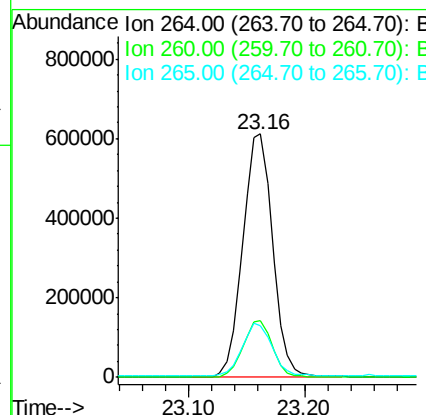
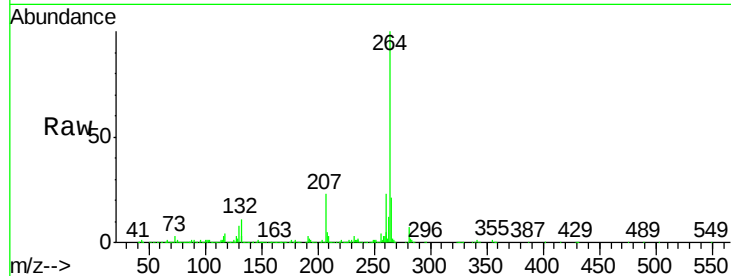
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.5	17.3	25.9

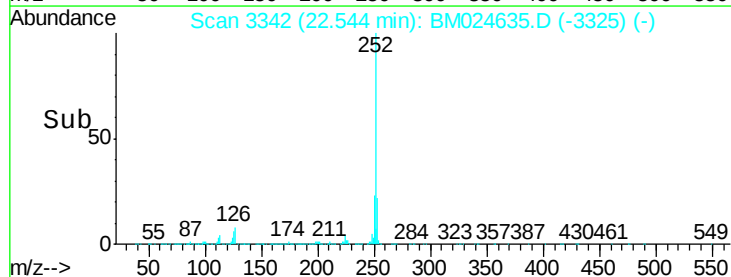
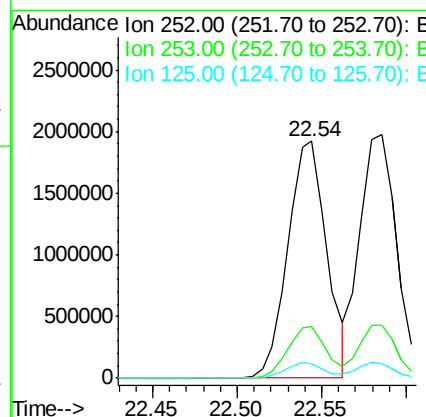
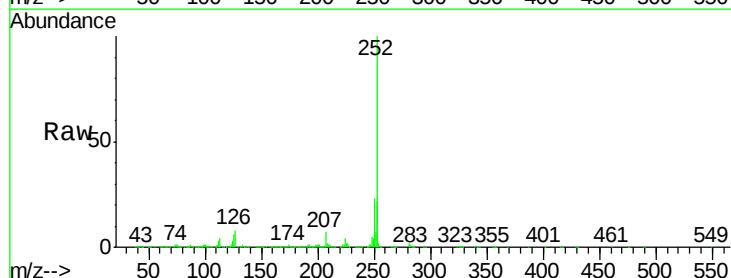
Manual Integrations
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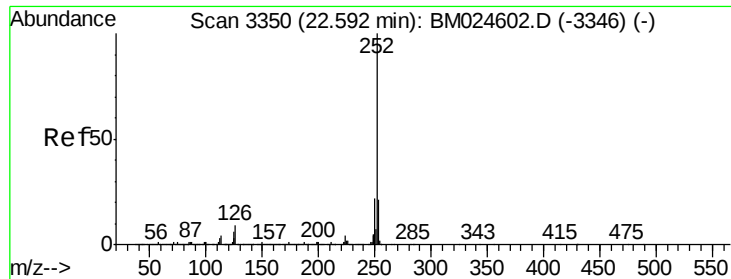
mohammad
1/30/2020 8:03:05 AM



#88
Benzo(b)fluoranthene
Concen: 42.927 ng
RT: 22.54 min Scan# 3342
Delta R.T. -0.00 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.2	5.7	8.5





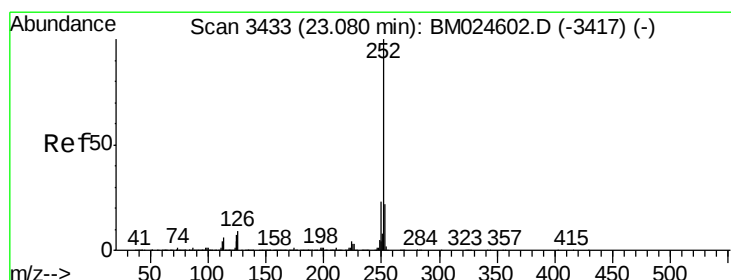
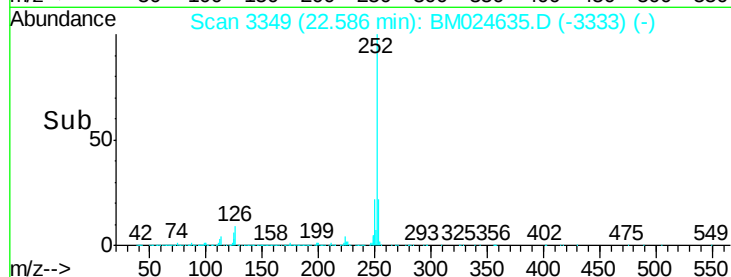
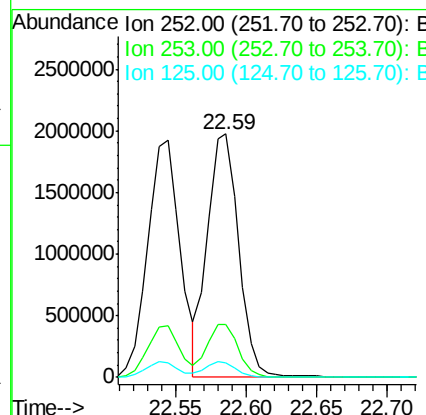
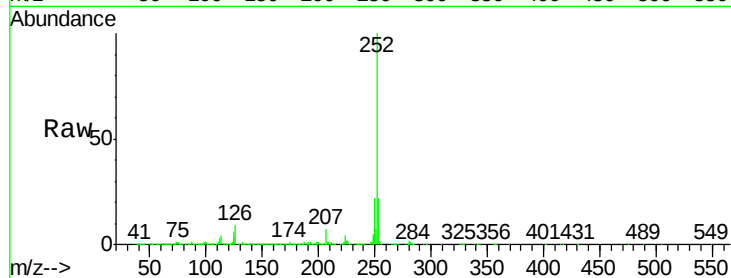
#89
Benzo(k)fluoranthene
Concen: 43.000 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion:252 Resp: 3000707
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 6.1 5.2 7.8

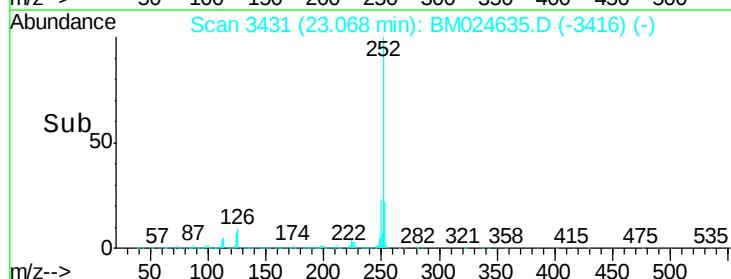
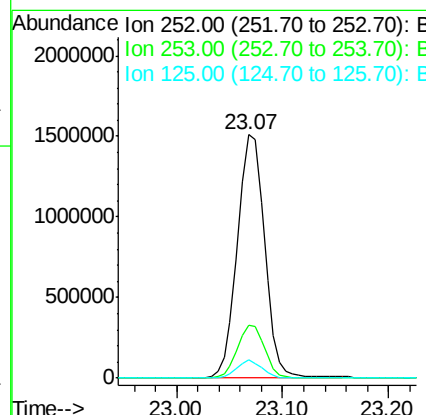
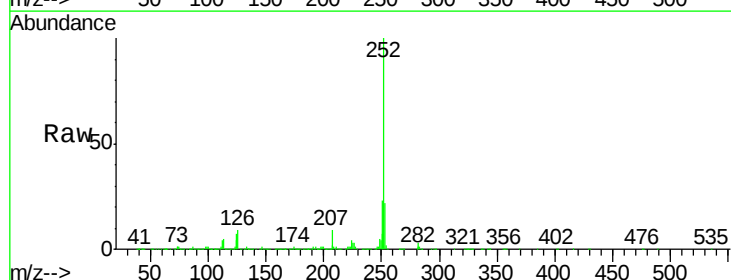
Manual Integrations
APPROVED

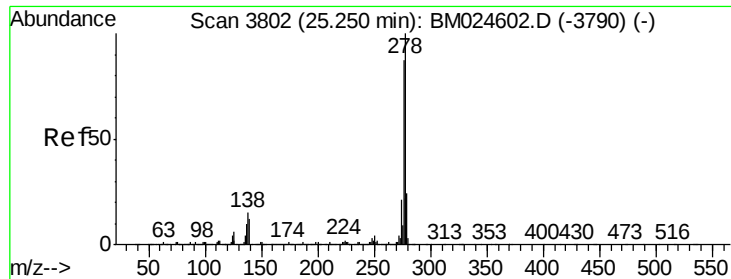
mohammad
1/30/2020 8:03:05 AM



#90
Benzo(a)pyrene
Concen: 41.558 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion:252 Resp: 2701290
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.5 5.8 8.8





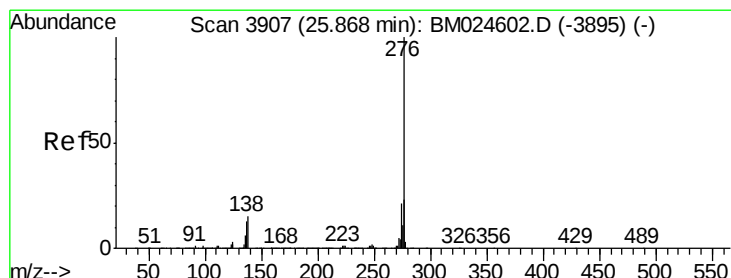
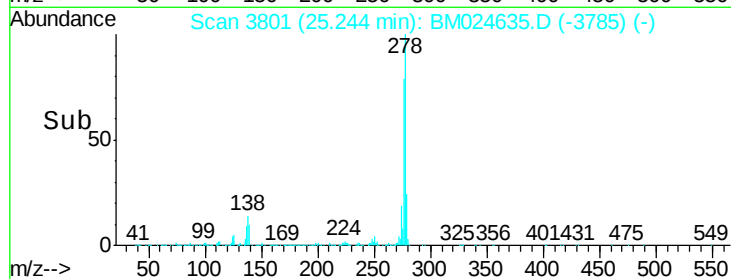
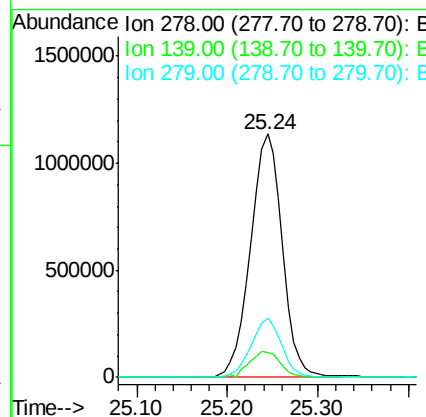
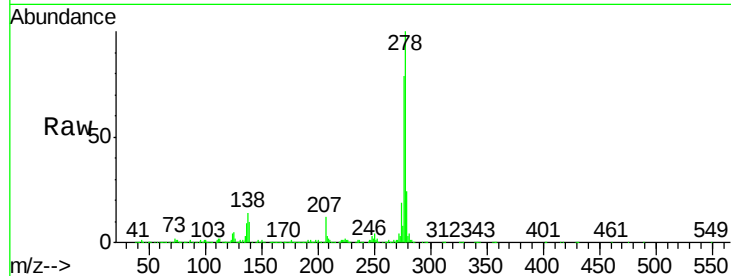
#91
Dibenzo(a,h)anthracene
Concen: 44.911 ng
RT: 25.24 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.3	13.9
279	24.2	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/30/2020 8:03:05 AM



#92
Benzo(g,h,i)perylene
Concen: 49.729 ng
RT: 25.86 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM024635.D
Acq: 28 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	13.8	11.9	17.9

