

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027197.D
 Acq On : 24 Aug 2020 16:59
 Operator : JU/CG
 Sample : PB131136BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Manual Integrations
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Quant Time: Aug 24 17:36:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	131479	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	459818	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	277485	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	570617	20.00	ng	0.00
76) Chrysene-d12	21.19	240	552092	20.00	ng	0.00
86) Perylene-d12	23.37	264	595379	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	617417	91.54	ng	0.00
7) Phenol-d6	6.79	99	939180	101.42	ng	0.00
23) Nitrobenzene-d5	8.75	82	749024	67.21	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	419506	93.36	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1512945	71.62	ng	0.00
79) Terphenyl-d14	19.63	244	2055701	69.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	164481	51.033	ng	98
3) Pyridine	3.57	79	244048	26.973	ng	97
4) n-Nitrosodimethylamine	3.49	42	127275	32.246	ng	79
6) Aniline	6.94	93	416086	39.554	ng	99
8) 2-Chlorophenol	7.17	128	304727	43.417	ng	98
9) Benzaldehyde	6.75	77	245244	38.680	ng	98
10) Phenol	6.82	94	377410	42.765	ng	90
11) bis(2-Chloroethyl)ether	7.04	93	303339	42.050	ng	95
12) 1,3-Dichlorobenzene	7.50	146	362946	36.949	ng	96
13) 1,4-Dichlorobenzene	7.64	146	372257	37.561	ng	99
14) 1,2-Dichlorobenzene	7.95	146	351202	37.363	ng	97
15) Benzyl Alcohol	7.85	79	323284	38.409	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.13	45	227179	39.254	ng	94
17) 2-Methylphenol	8.05	107	252001	41.269	ng	93
18) Hexachloroethane	8.67	117	143015	35.559	ng	98
19) n-Nitroso-di-n-propylamine	8.41	70	267381	37.617	ng	99
20) 3+4-Methylphenols	8.38	107	330601	40.460	ng	97
22) Acetophenone	8.42	105	467418	37.823	ng	96
24) Nitrobenzene	8.79	77	411019	36.435	ng	94
25) Isophorone	9.32	82	657892	40.301	ng	98
26) 2-Nitrophenol	9.50	139	160952	45.710	ng	87
27) 2,4-Dimethylphenol	9.57	122	261741	47.875	ng	93
28) bis(2-Chloroethoxy)methane	9.80	93	387355	38.884	ng	99
29) 2,4-Dichlorophenol	10.03	162	301287	39.515	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	363686	36.335	ng	100
31) Naphthalene	10.43	128	888999	38.145	ng	99
32) Benzoic acid	9.70	122	158846	36.128	ng	97
33) 4-Chloroaniline	10.53	127	260683	27.075	ng	97
34) Hexachlorobutadiene	10.72	225	241712	36.147	ng	97
35) Caprolactam	11.31	113	77642m	37.565	ng	
36) 4-Chloro-3-methylphenol	11.67	107	297247	37.714	ng	97
37) 2-Methylnaphthalene	12.05	142	664918	37.674	ng	97
38) 1-Methylnaphthalene	12.27	142	628100	36.980	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	418103	42.784	ng	98

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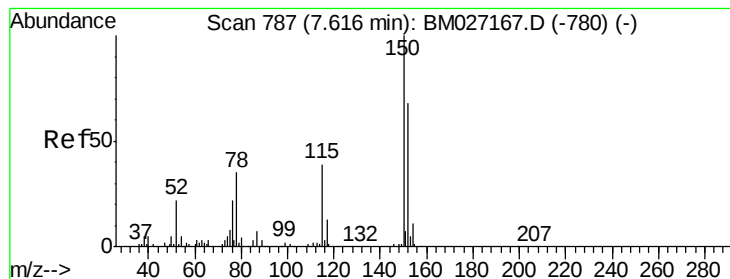
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	585001	108.302	nq	98
43) 2,4,6-Trichlorophenol	12.67	196	252603	41.862	nq	99
44) 2,4,5-Trichlorophenol	12.74	196	264770	41.378	nq	97
46) 1,1'-Biphenyl	13.07	154	868181	41.744	nq	100
47) 2-Chloronaphthalene	13.11	162	680072	38.352	nq	98
48) 2-Nitroaniline	13.32	65	205869	36.378	nq	91
49) Acenaphthylene	13.96	152	1032368	41.864	nq	99
50) Dimethylphthalate	13.71	163	833386	36.993	nq	100
51) 2,6-Dinitrotoluene	13.82	165	182250	40.685	nq	86
52) Acenaphthene	14.31	154	610543	39.001	nq	98
53) 3-Nitroaniline	14.14	138	126131	29.195	nq	100
54) 2,4-Dinitrophenol	14.36	184	192774	82.425	nq	88
55) Dibenzofuran	14.64	168	1012772	38.837	nq	96
56) 4-Nitrophenol	14.47	139	290183	84.167	nq	90
57) 2,4-Dinitrotoluene	14.61	165	246290	39.574	nq	# 92
58) Fluorene	15.30	166	814321	37.824	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	244363	38.986	nq	97
60) Diethylphthalate	15.09	149	819940	36.687	nq	99
61) 4-Chlorophenyl-phenylether	15.30	204	451885	36.546	nq	96
62) 4-Nitroaniline	15.31	138	168165	34.687	nq	# 87
63) Azobenzene	15.59	77	844068	36.811	nq	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	133404	47.603	nq	100
66) n-Nitrosodiphenylamine	15.51	169	699794	43.179	nq	99
67) 4-Bromophenyl-phenylether	16.19	248	278940	40.488	nq	98
68) Hexachlorobenzene	16.30	284	317025	38.748	nq	97
69) Atrazine	16.47	200	225398	36.735	nq	98
70) Pentachlorophenol	16.64	266	410520	92.767	nq	98
71) Phenanthrene	17.03	178	1242054	39.155	nq	99
72) Anthracene	17.12	178	1279033	42.178	nq	100
73) Carbazole	17.39	167	1096942	39.327	nq	99
74) Di-n-butylphthalate	17.97	149	1326216	41.167	nq	99
75) Fluoranthene	19.05	202	1460254	36.852	nq	98
77) Benzidine	19.24	184	930030	97.116	nq	100
78) Pyrene	19.42	202	1472813	43.841	nq	99
80) Butylbenzylphthalate	20.34	149	562673	45.824	nq	96
81) Benzo(a)anthracene	21.17	228	1446301	40.427	nq	100
82) 3,3'-Dichlorobenzidine	21.11	252	503381	40.375	nq	100
83) Chrysene	21.23	228	1378572	39.676	nq	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	824118	47.157	nq	100
85) Di-n-octyl phthalate	21.99	149	1407719	48.824	nq	99
87) Indeno(1,2,3-cd)pyrene	25.56	276	1994803	42.808	nq	99
88) Benzo(b)fluoranthene	22.72	252	1571559	39.584	nq	100
89) Benzo(k)fluoranthene	22.77	252	1496499	38.499	nq	100
90) Benzo(a)pyrene	23.28	252	1442113	39.789	nq	100
91) Dibenzo(a,h)anthracene	25.57	278	1691563	43.616	nq	98
92) Benzo(g,h,i)perylene	26.21	276	1687590	45.166	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.60 min Scan# 785

Delta R.T. 0.00 min

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PB131136BS

Tot Ion:152 Resp: 131479

Ion Ratio Lower Upper

152 100

150 157.2 118.2 177.4

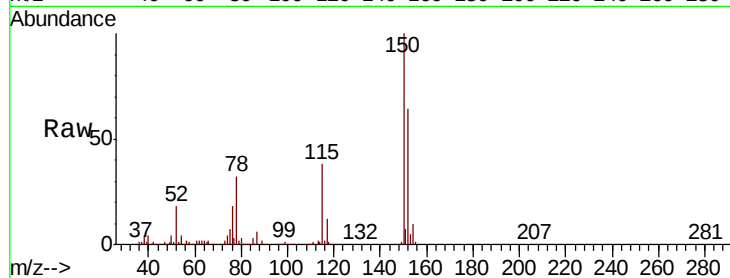
115 60.4 46.1 69.1

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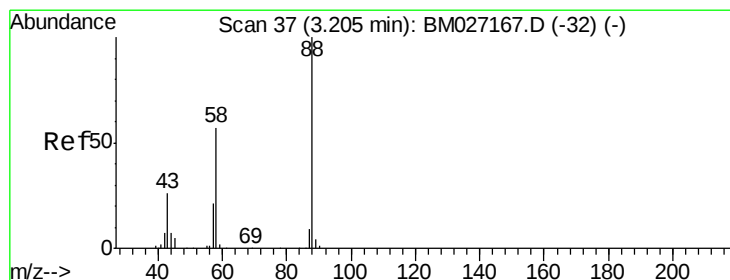
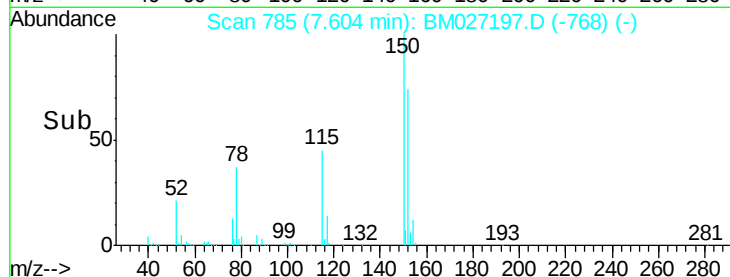
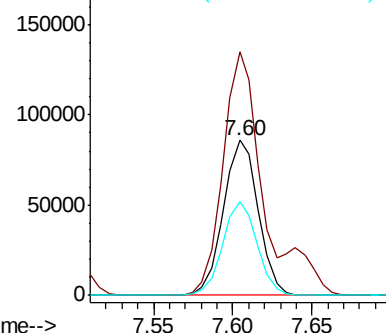
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 51.033 ng

RT: 3.20 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

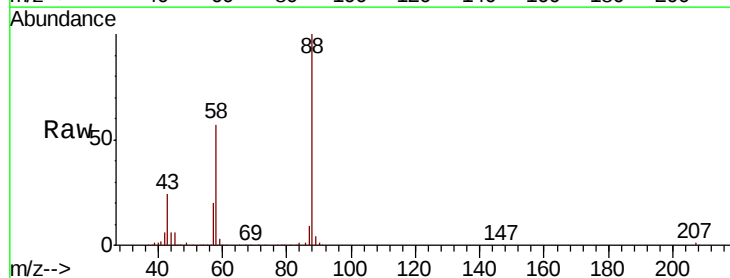
Tgt Ion: 88 Resp: 164481

Ion Ratio Lower Upper

88 100

58 57.1 46.2 69.2

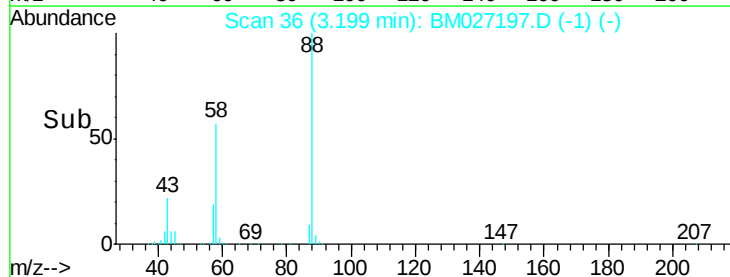
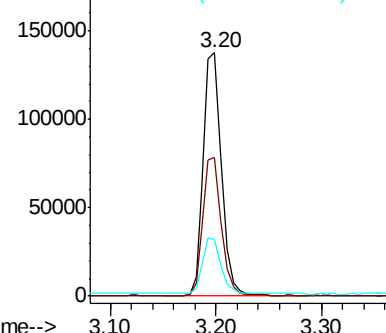
43 22.8 20.0 30.0

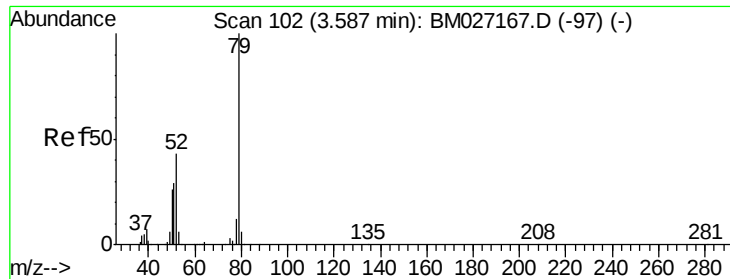


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





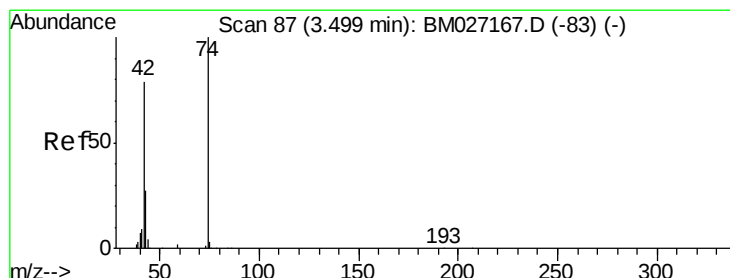
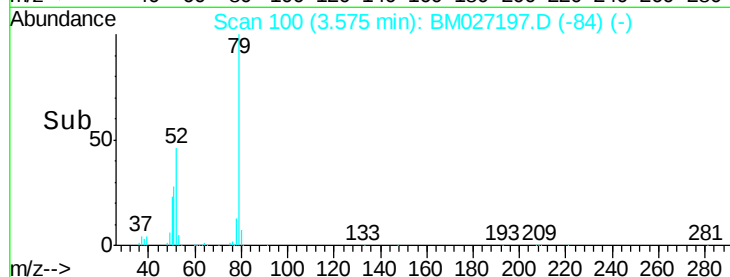
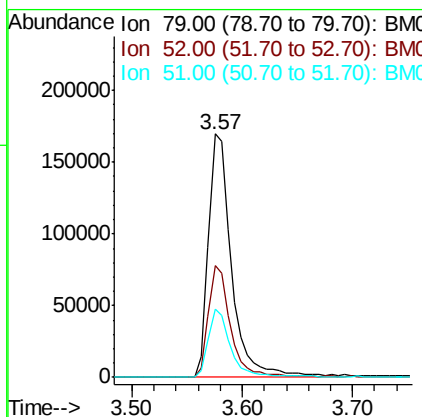
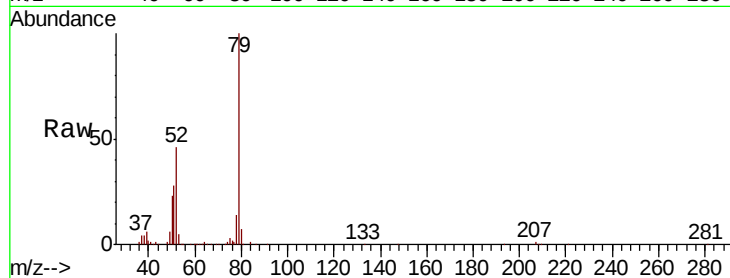
#3
 Pvridine
 Concen: 26.973 ng
 RT: 3.57 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.8	34.8	52.2
51	28.1	23.7	35.5

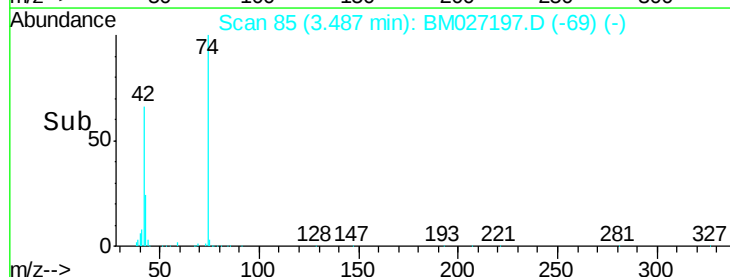
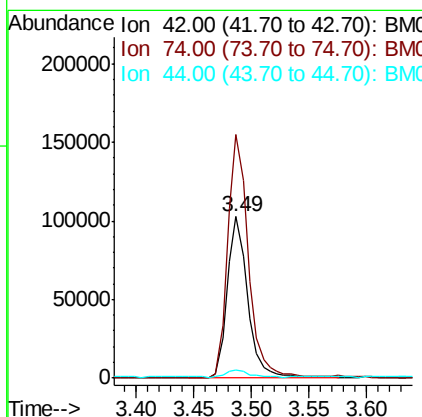
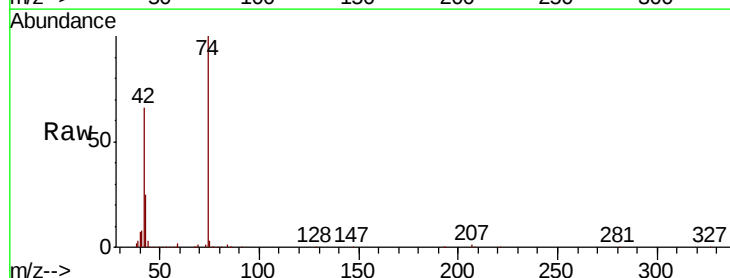
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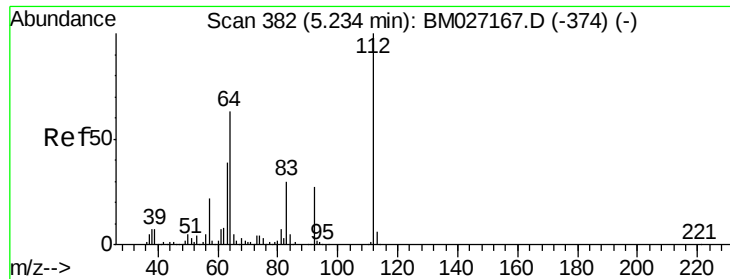
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#4
 n-Nitrosodimethylamine
 Concen: 32.246 ng
 RT: 3.49 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.1	101.0	151.4
44	4.7	3.8	5.8





#5

2-Fluorophenol

Concen: 91.545 ng

RT: 5.23 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

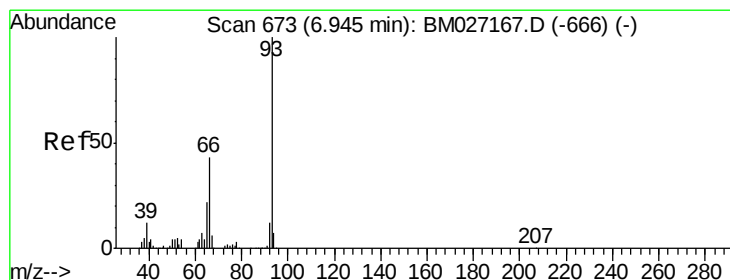
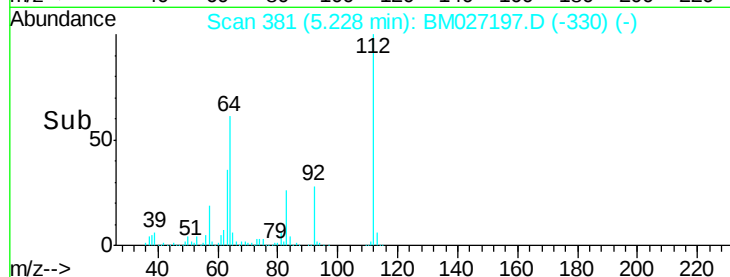
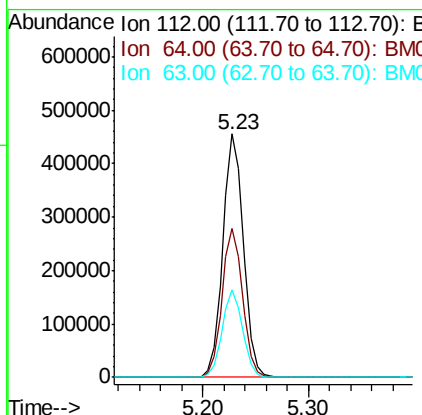
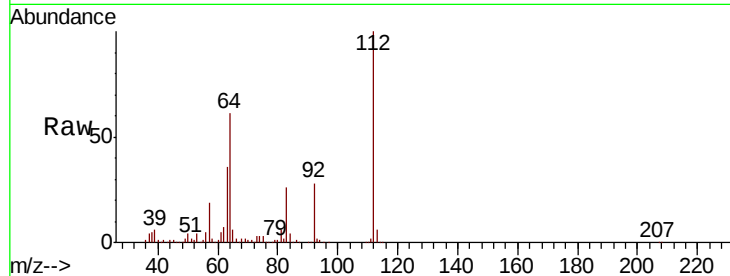
ClientSampleId :

PB131136BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		617417		
64	61.3		50.0	75.0	
63	36.1		31.6	47.4	

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#6

Aniline

Concen: 39.554 ng

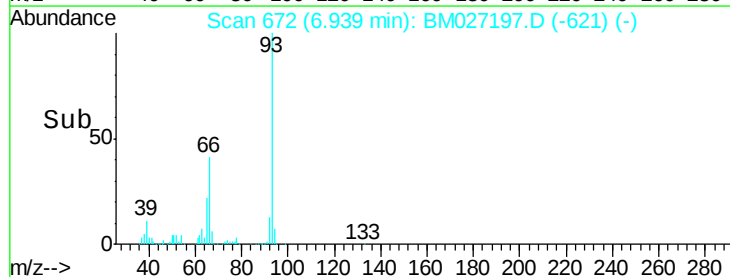
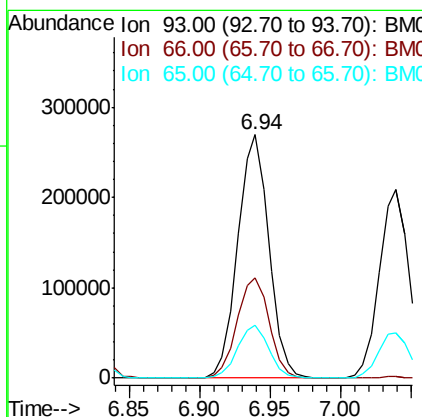
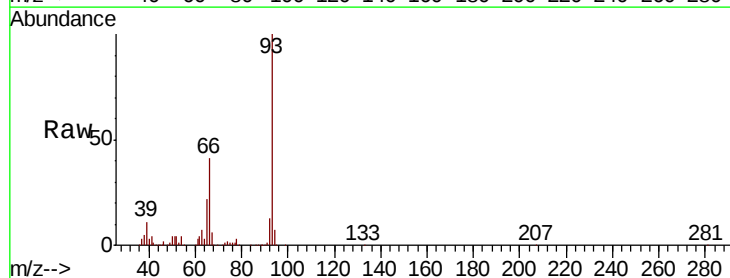
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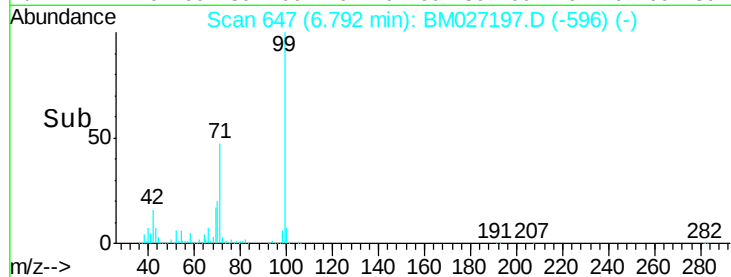
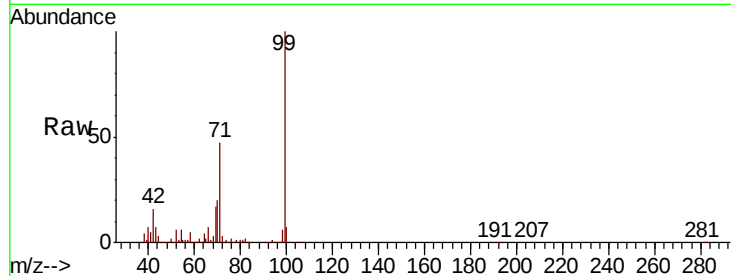
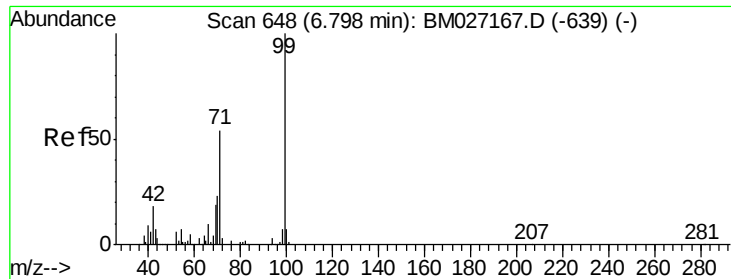
Delta R.T. 0.00 min

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		416086		
66	41.3		34.2	51.2	
65	22.0		17.5	26.3	





#7

Phenol-d6

Concen: 101.422 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		939180		
42	15.6	14.5	21.7		
71	47.1	43.0	64.4		

Instrument :

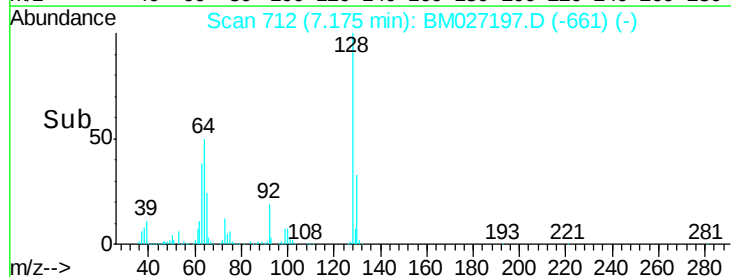
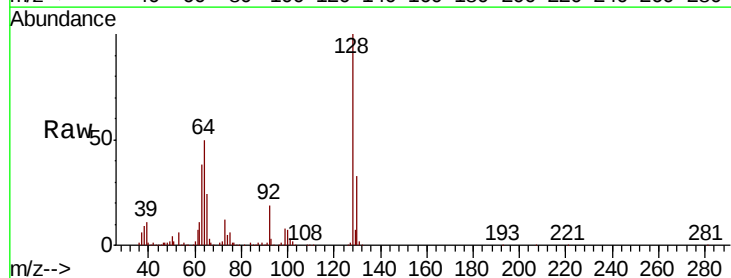
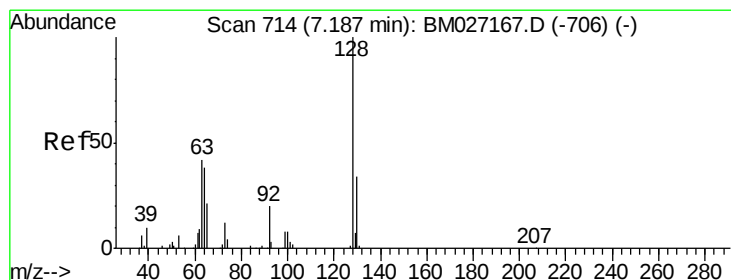
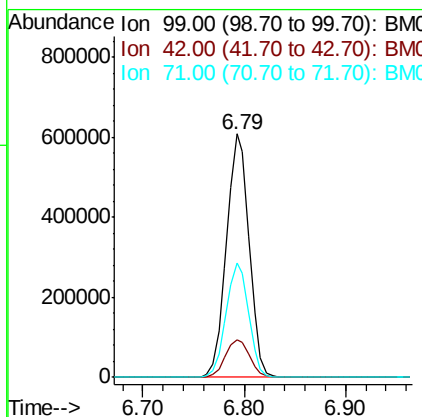
BNA_M

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#8

2-Chlorophenol

Concen: 43.417 ng

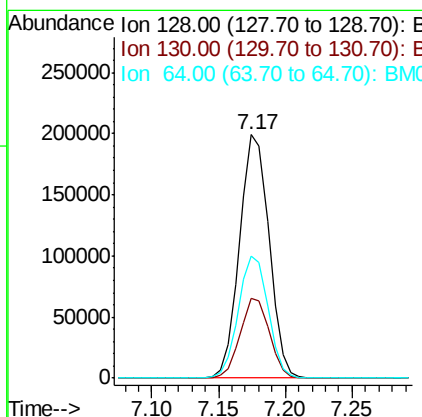
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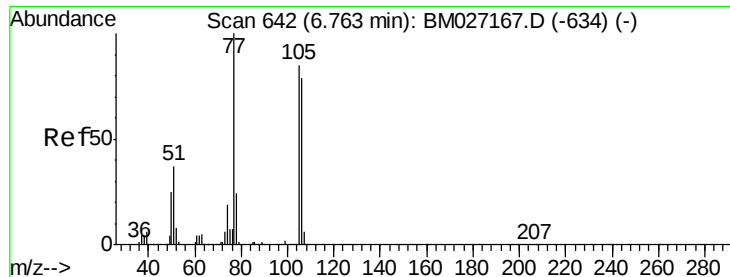
Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		304727		
130	32.6	14.0	54.0		
64	50.3	28.6	68.6		





#9

Benzaldehyde

Concen: 38.680 ng

RT: 6.75 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

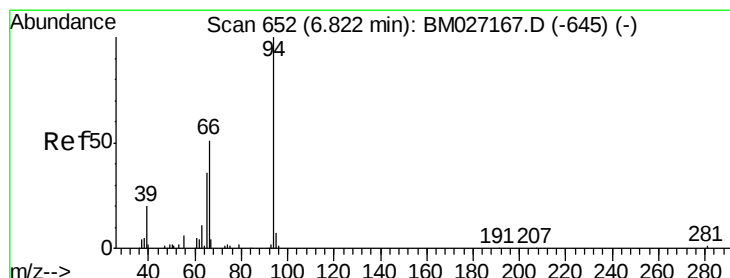
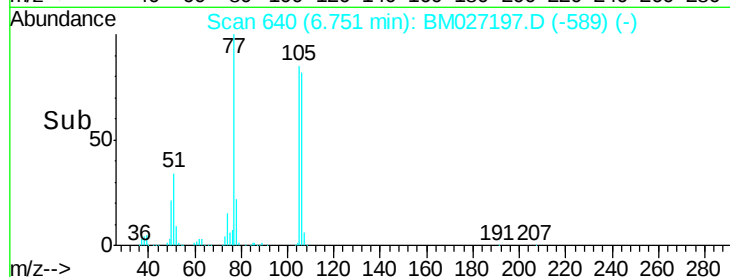
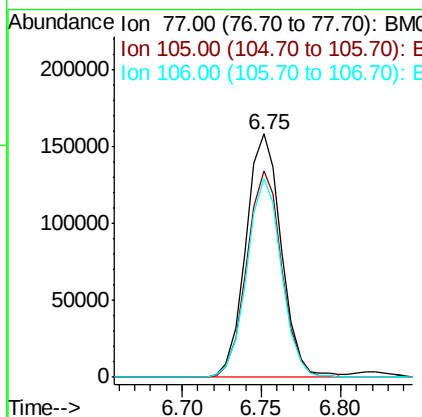
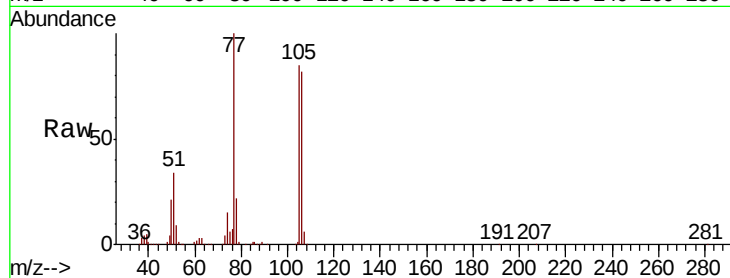
ClientSampleId :

PB131136BS

Tot Ion:	77	Resp:	245244
Ion	Ratio	Lower	Upper
77	100		
105	84.6	64.9	104.9
106	81.8	59.0	99.0

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#10

Phenol

Concen: 42.765 ng

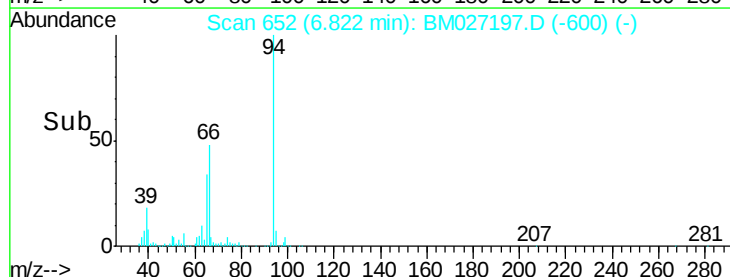
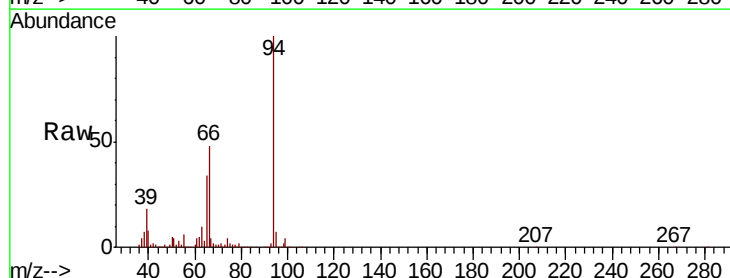
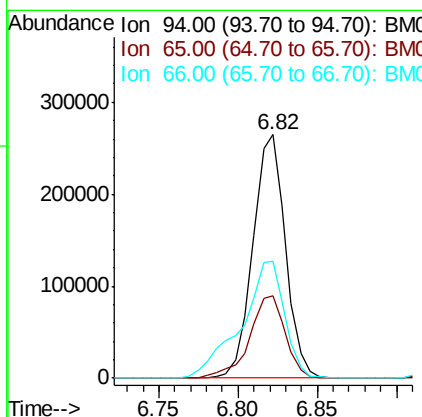
RT: 6.82 min Scan# 652

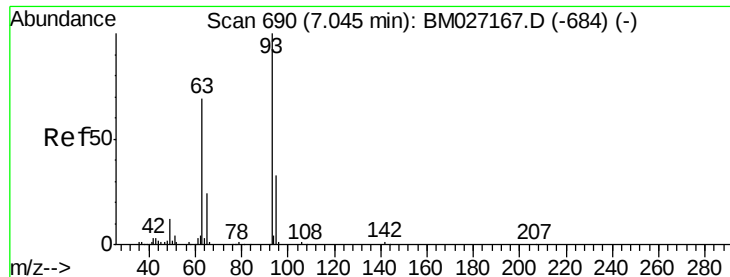
Delta R.T. 0.01 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion:	94	Resp:	377410
Ion	Ratio	Lower	Upper
94	100		
65	34.0	17.0	57.0
66	48.0	37.8	77.8





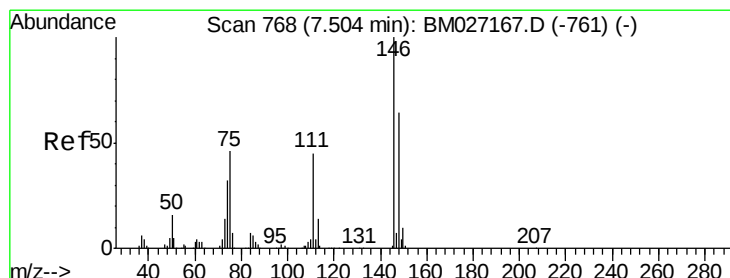
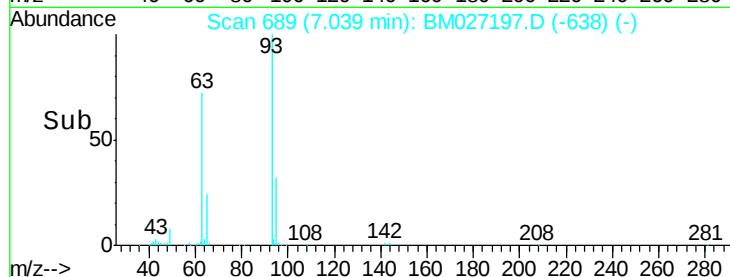
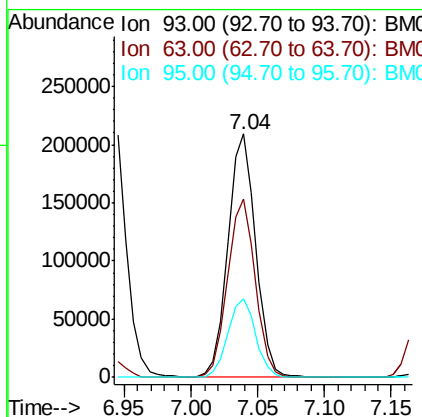
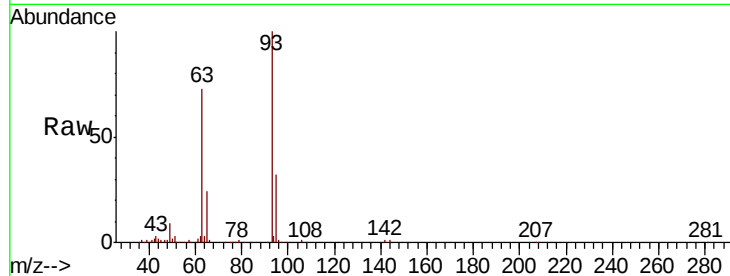
#11
bis(2-Chloroethyl)ether
Concen: 42.050 ng
RT: 7.04 min Scan# 689
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion:	93	Resp:	303339
Ion	Ratio	Lower	Upper
93	100		
63	73.5	48.3	88.3
95	32.1	12.5	52.5

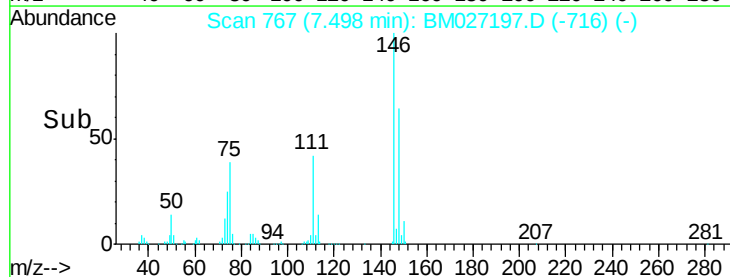
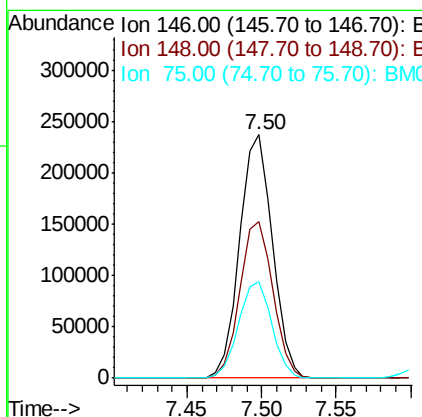
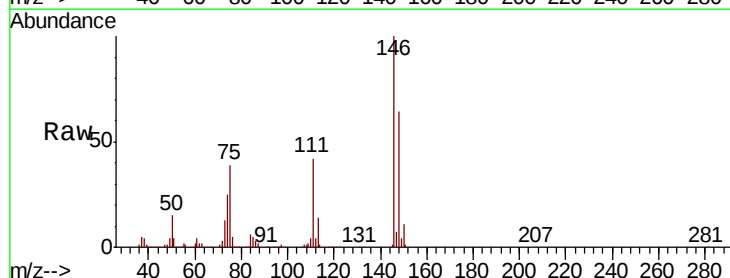
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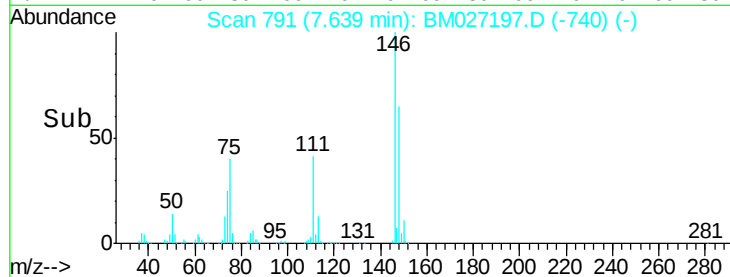
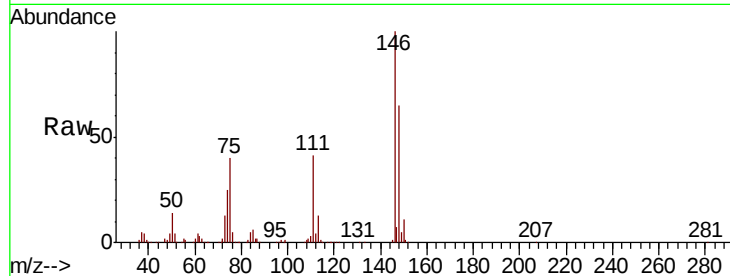
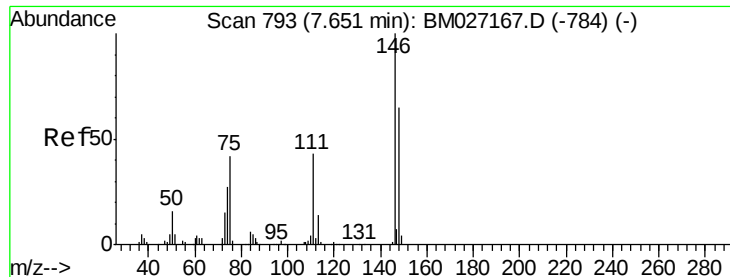
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.949 ng
RT: 7.50 min Scan# 767
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion:	146	Resp:	362946
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	39.4	36.4	54.6





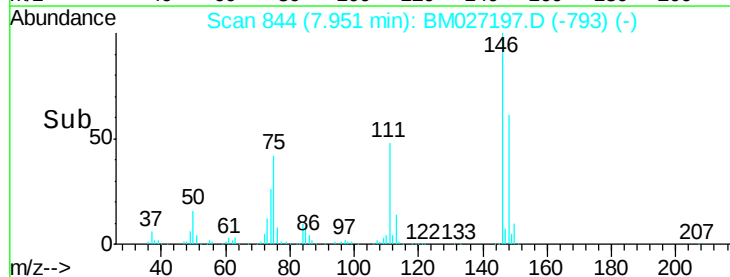
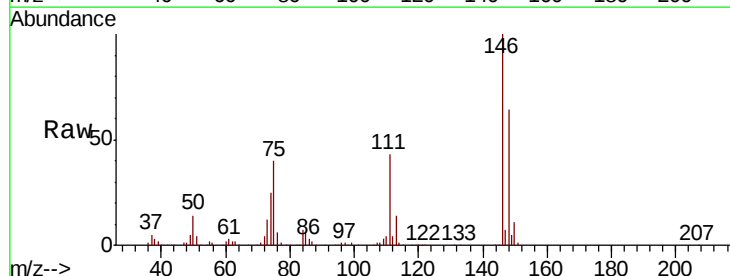
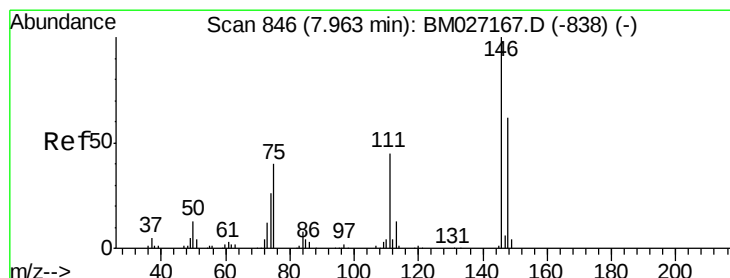
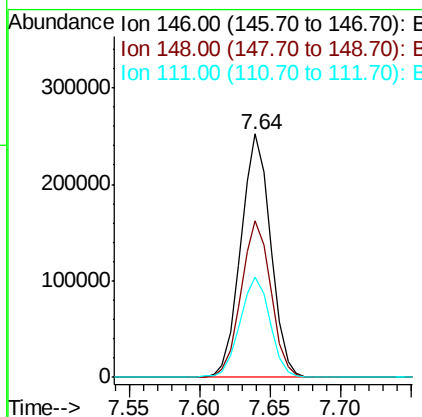
#13
1,4-Dichlorobenzene
Concen: 37.561 ng
RT: 7.64 min Scan# 791
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	41.4	34.3	51.5

Instrument :
BNA_M
ClientSampleId :
PB131136BS

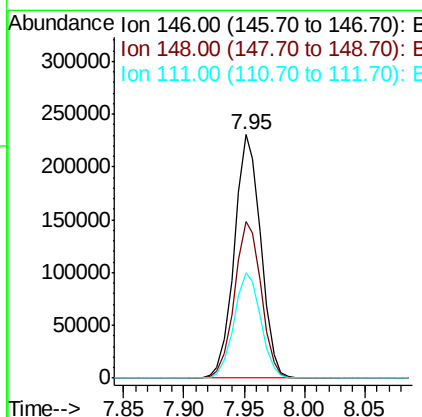
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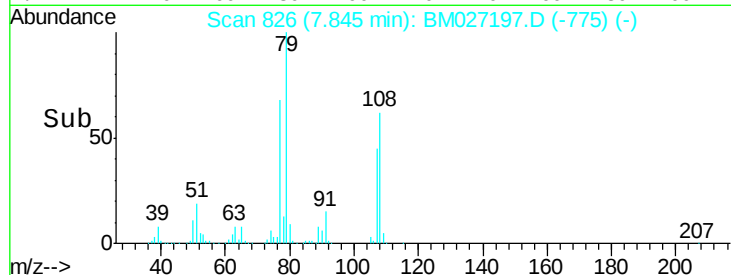
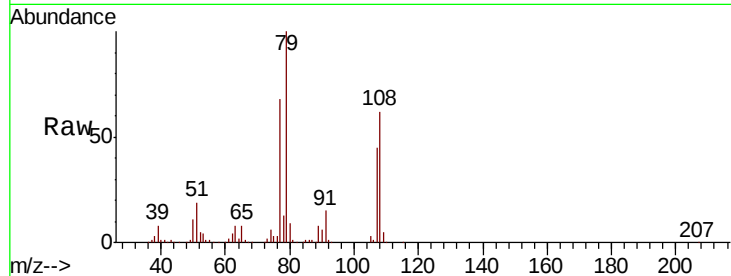
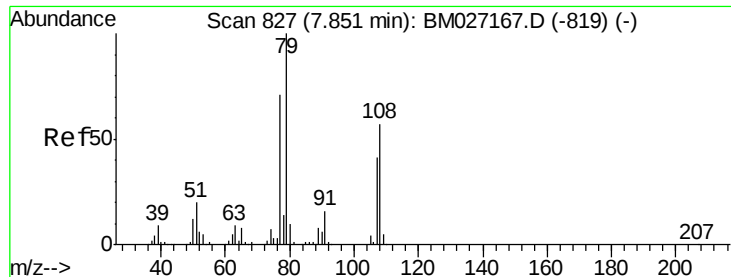
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#14
1,2-Dichlorobenzene
Concen: 37.363 ng
RT: 7.95 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.1	75.1
111	43.3	36.3	54.5





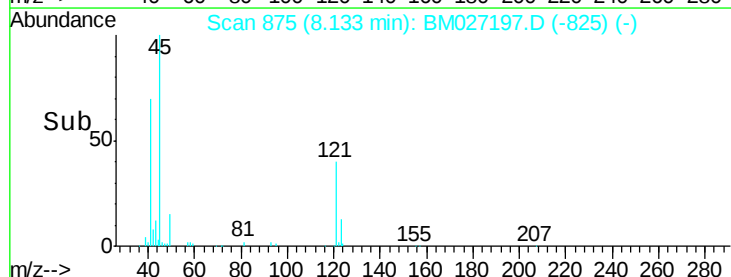
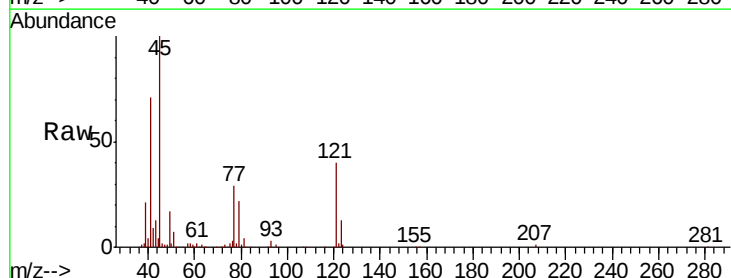
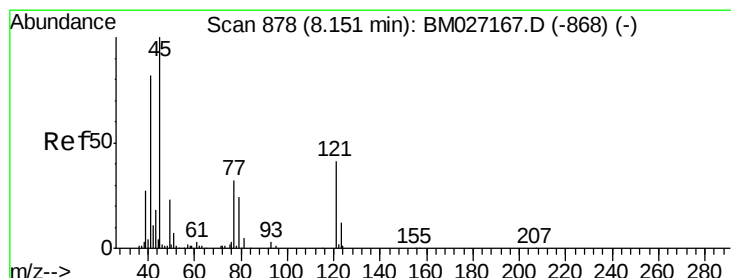
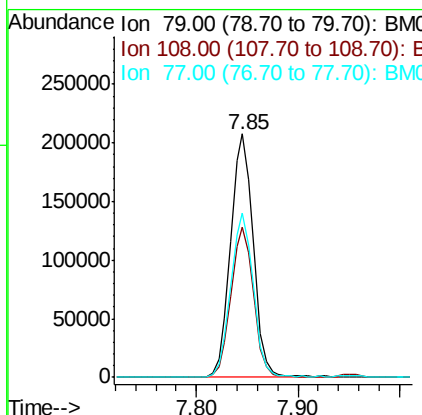
#15
Benzyl Alcohol
Concen: 38.409 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tot Ion	Ratio	Resp	Lower	Upper
79	100	323284		
108	61.9	45.8	68.8	
77	67.7	57.1	85.7	

Instrument :
BNA_M
ClientSampled :
PB131136BS

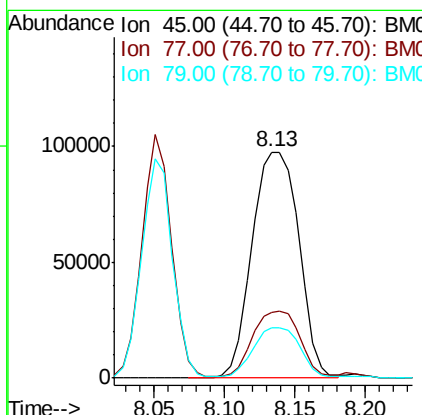
Manual Integrations
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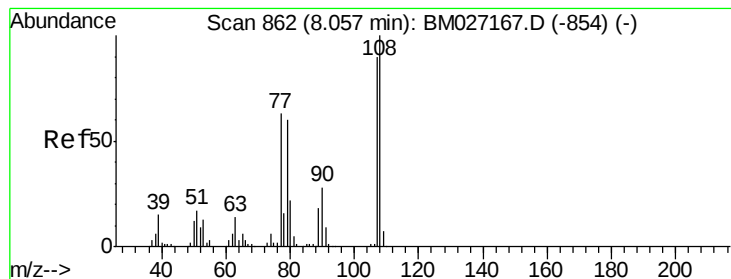
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.254 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	227179		
77	29.2	12.9	52.9	
79	22.3	4.9	44.9	





#17

2-Methylphenol

Concen: 41.269 ng

RT: 8.05 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

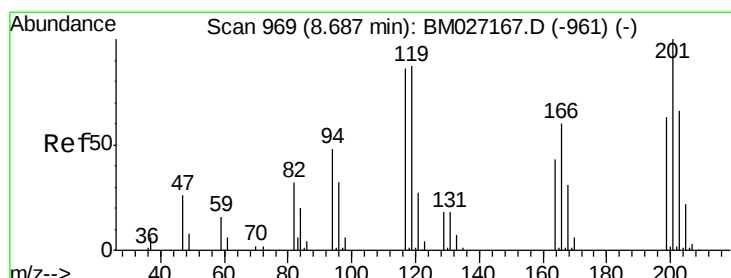
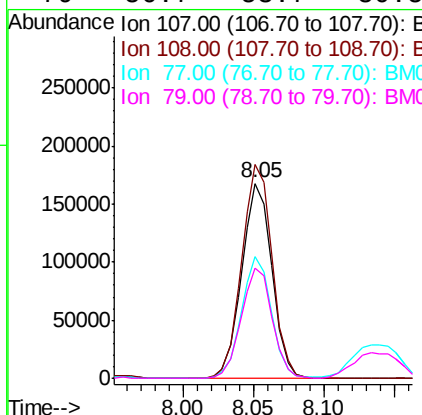
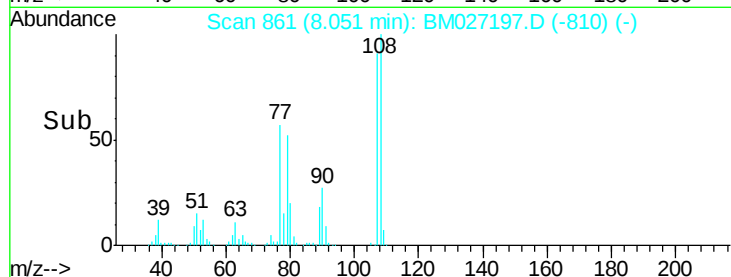
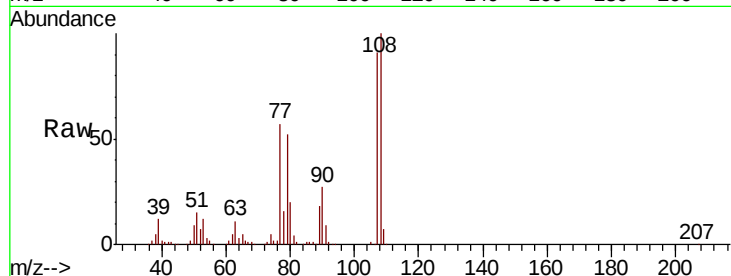
ClientSampled :

PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	89.2	133.8	
77	62.7	56.2	84.2	
79	56.7	53.7	80.5	

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#18

Hexachloroethane

Concen: 35.559 ng

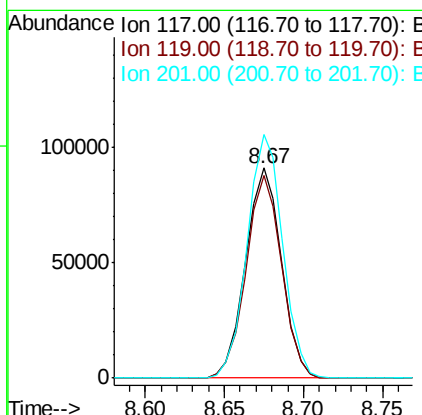
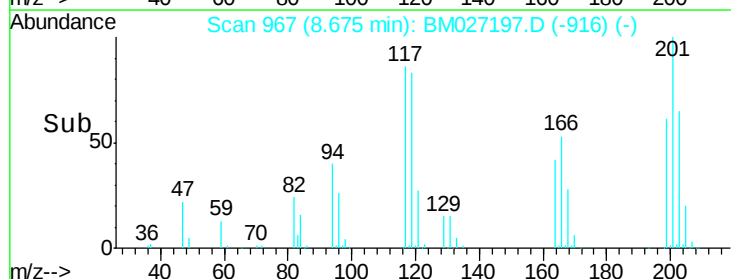
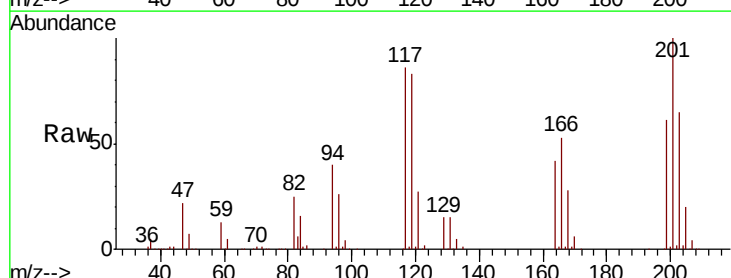
RT: 8.67 min Scan# 967

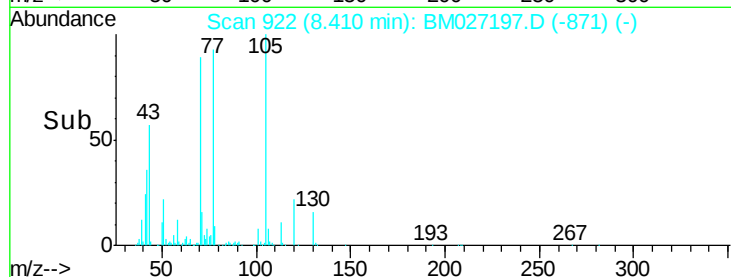
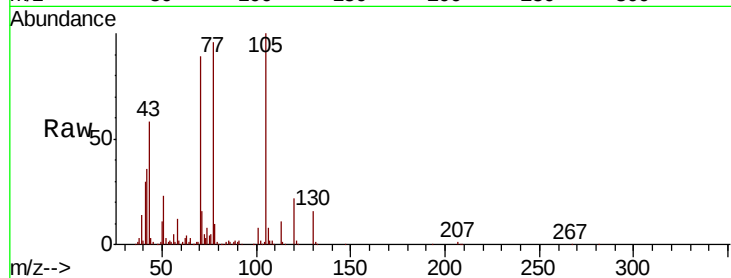
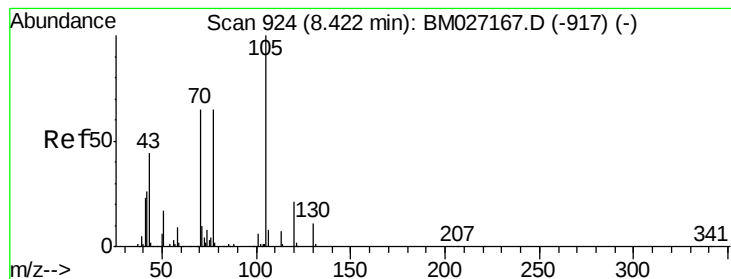
Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	80.1	120.1	
201	115.9	92.6	138.8	





#19

n-Nitroso-di-n-propylamine

Concen: 37.617 ng

RT: 8.41 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

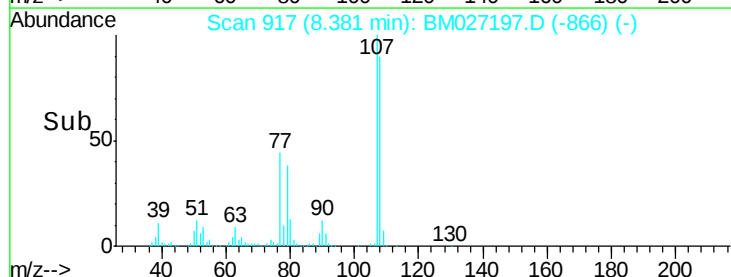
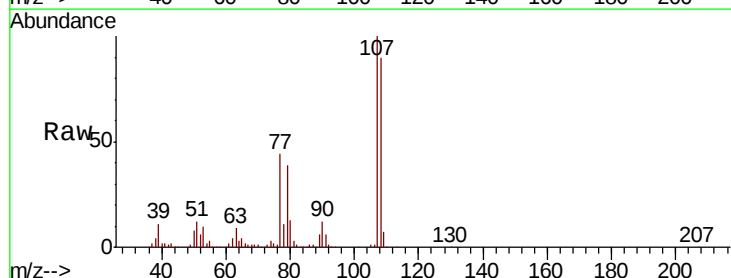
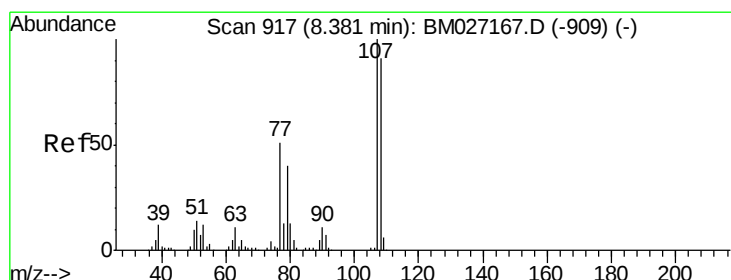
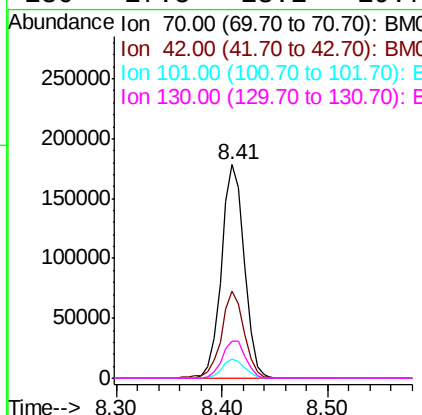
ClientSampled :

PB131136BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.9	33.2	49.8		
101	8.7	6.9	10.3		
130	17.5	13.1	19.7		

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#20

3+4-Methylphenols

Concen: 40.460 ng

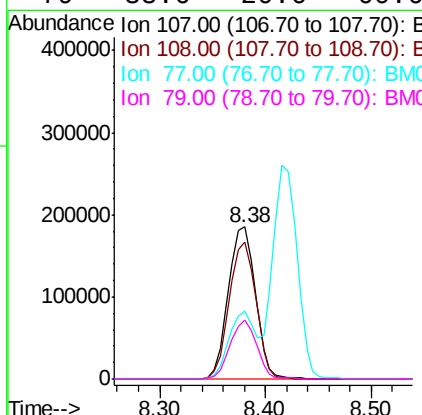
RT: 8.38 min Scan# 917

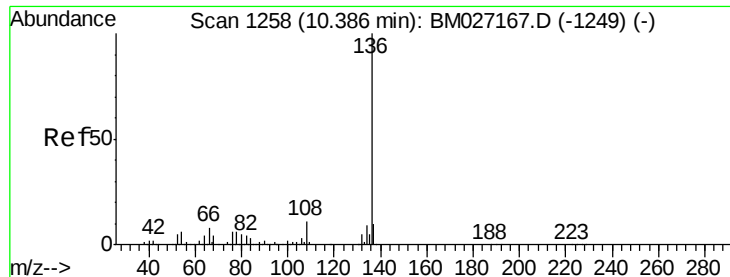
Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.4	70.7	110.7		
77	44.5	30.8	70.8		
79	38.6	20.6	60.6		





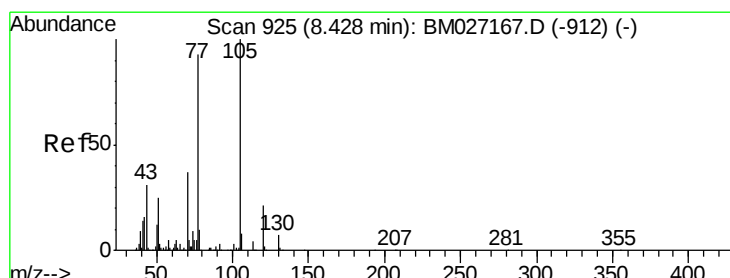
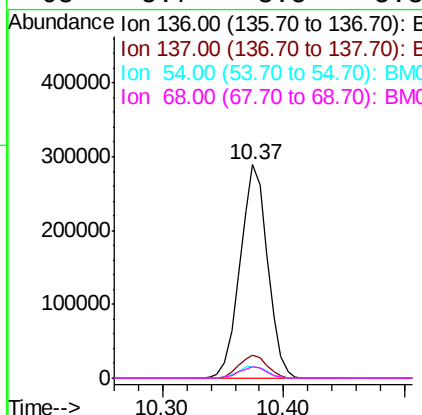
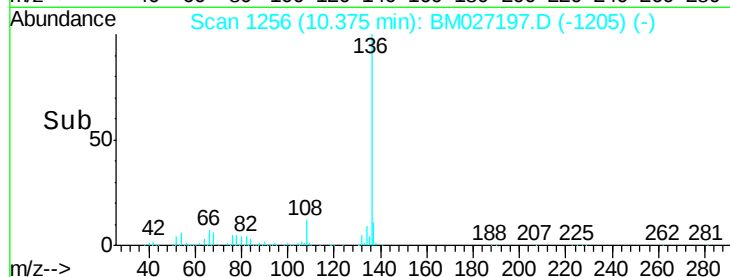
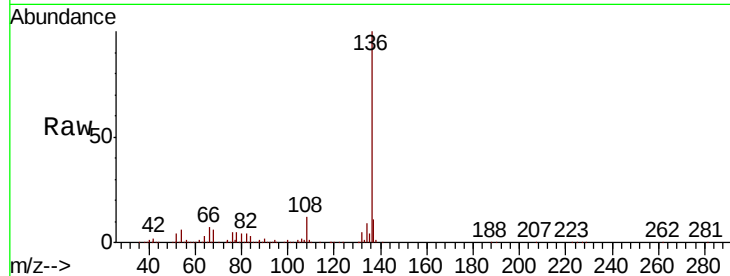
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		459818		
137	10.6		8.2	12.4	
54	5.7		4.8	7.2	
68	5.7		3.5	5.3	

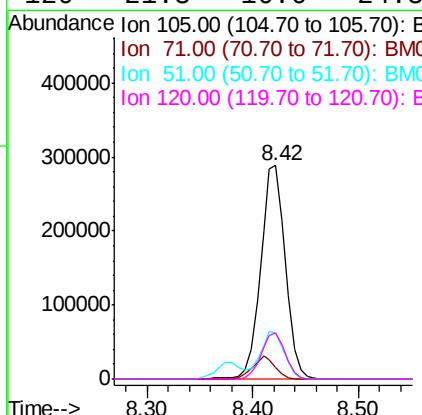
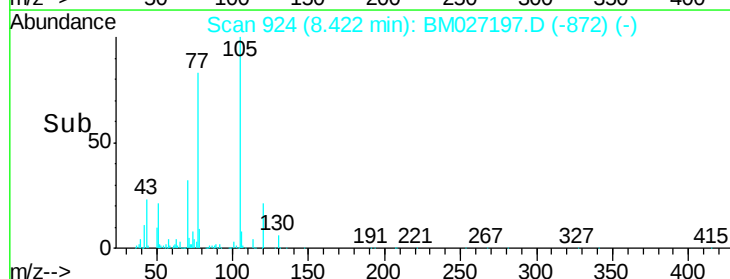
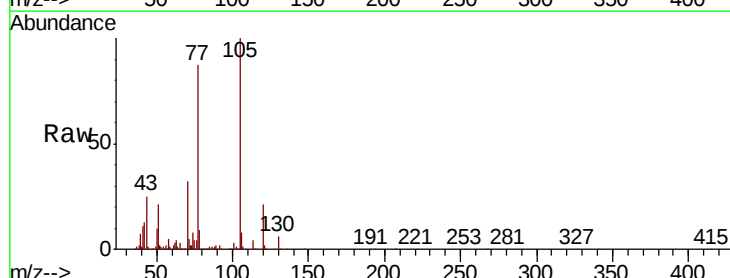
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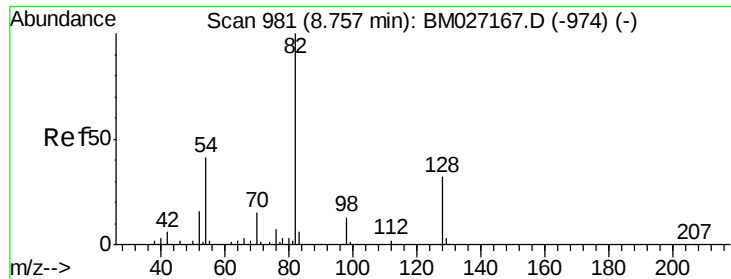
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#22
Acetophenone
Concen: 37.823 ng
RT: 8.42 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		467418		
71	5.1		4.2	6.2	
51	21.5		20.2	30.4	
120	21.3		16.6	24.8	





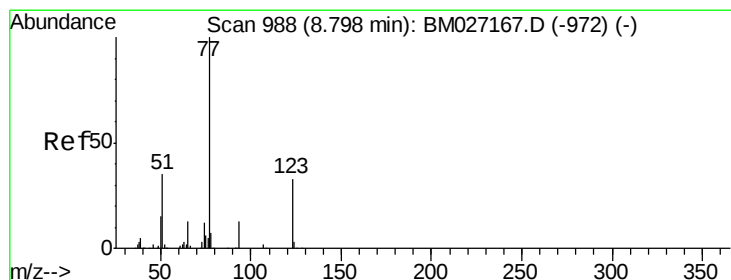
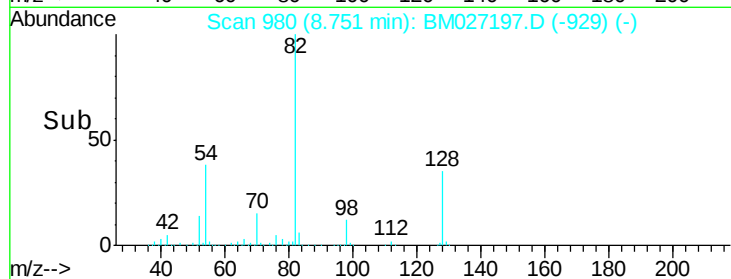
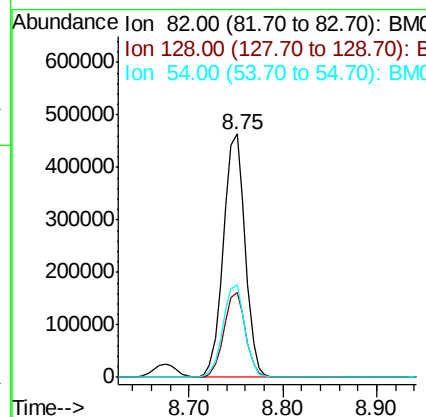
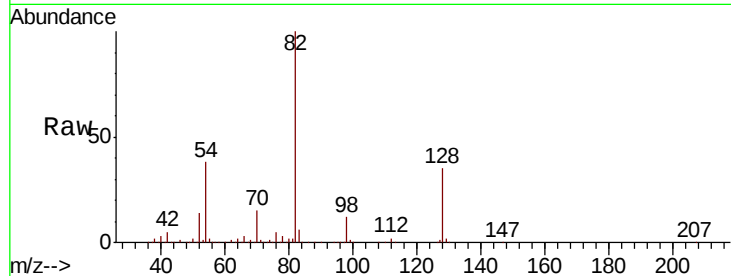
#23
Nitrobenzene-d5
Concen: 67.206 ng
RT: 8.75 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	25.7	38.5
54	37.9	33.0	49.4

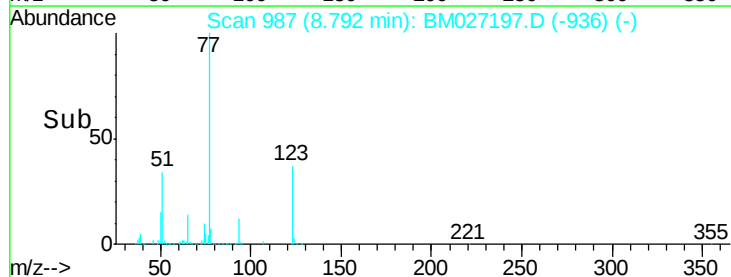
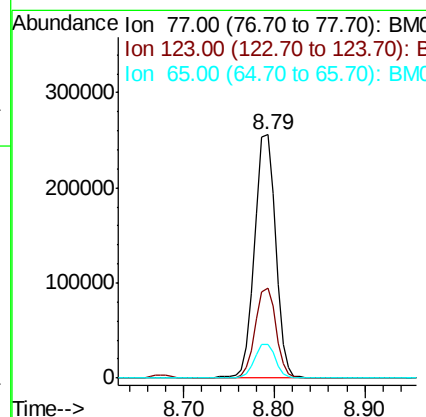
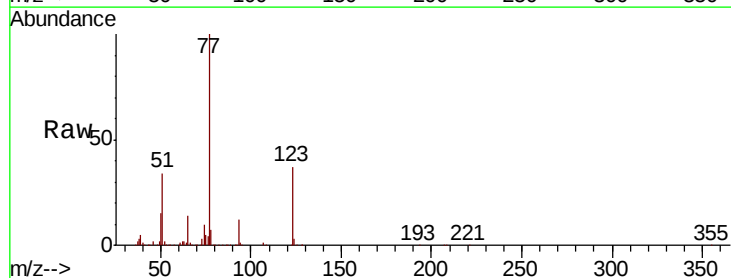
Manual Integrations
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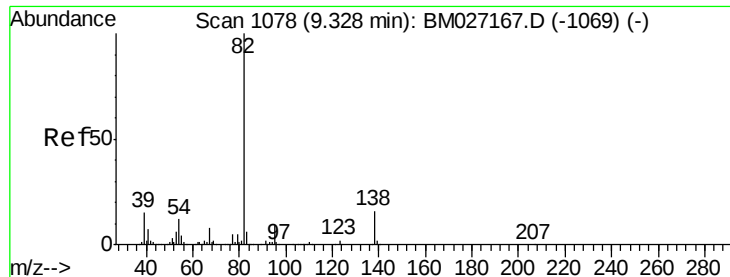
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#24
Nitrobenzene
Concen: 36.435 ng
RT: 8.79 min Scan# 987
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.2	26.2	39.4
65	14.1	10.5	15.7





#25

Isophorone

Concen: 40.301 ng

RT: 9.32 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

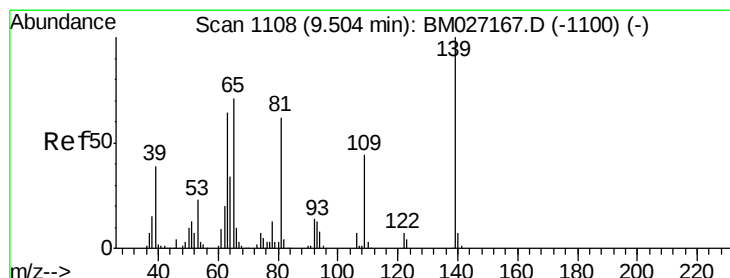
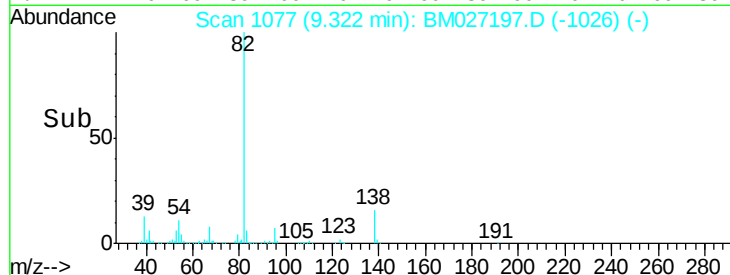
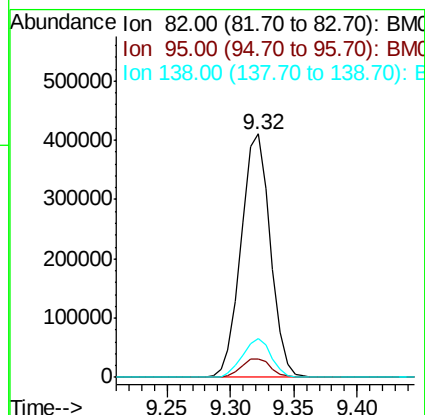
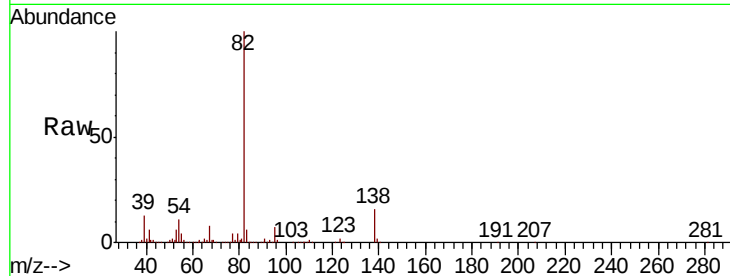
ClientSampled :

PB131136BS

Tot Ion	82	Resp	657892
Ion Ratio	Lower	Upper	
82	100		
95	7.5	7.2	10.8
138	16.2	12.8	19.2

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#26

2-Nitrophenol

Concen: 45.710 ng

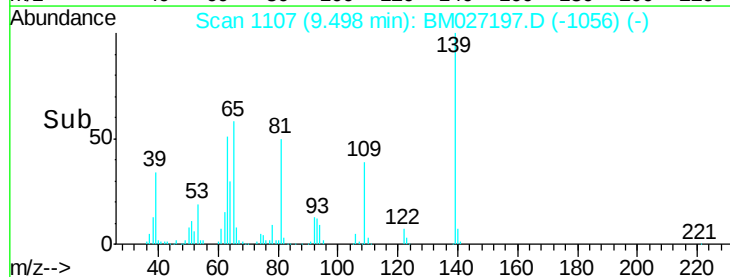
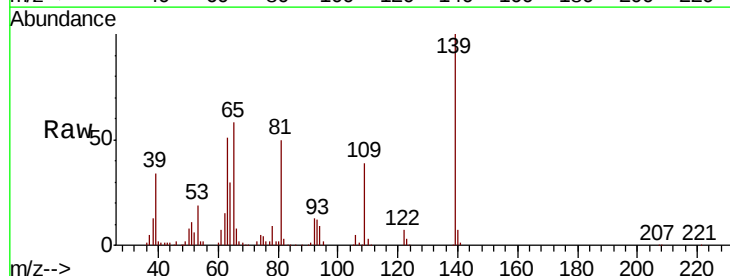
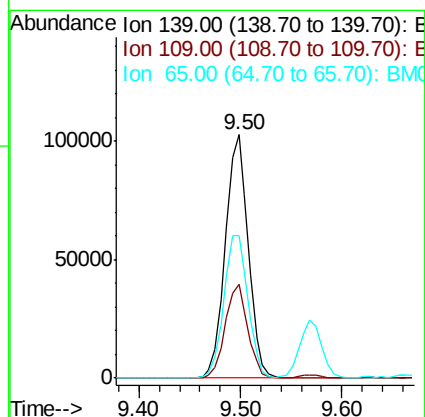
RT: 9.50 min Scan# 1107

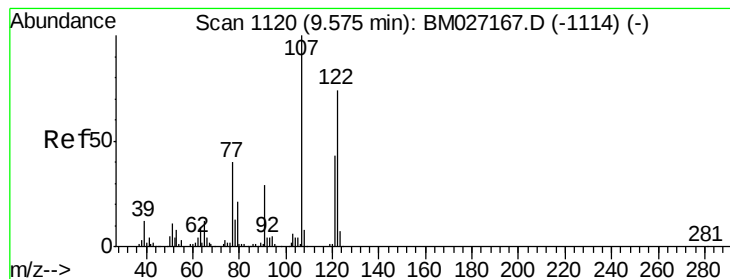
Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion	139	Resp	160952
Ion Ratio	Lower	Upper	
139	100		
109	38.6	35.0	52.6
65	58.4	57.0	85.6





#27

2,4-Dimethylphenol

Concen: 47.875 ng

RT: 9.57 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

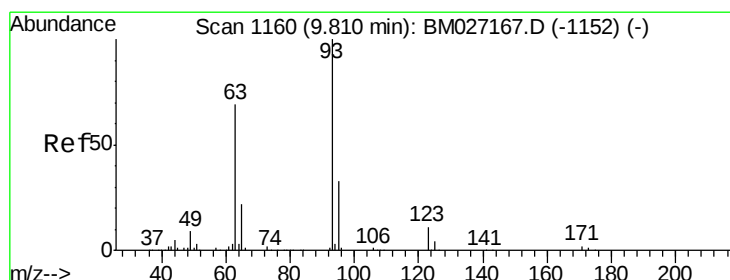
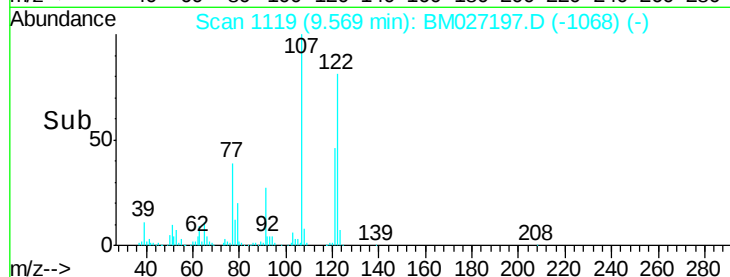
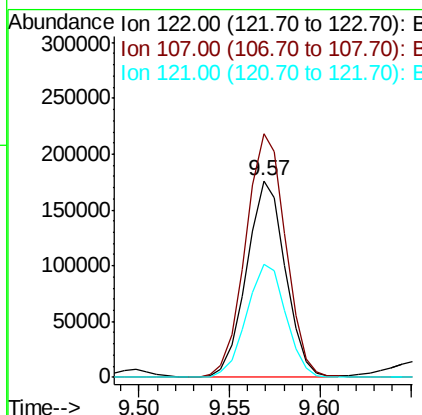
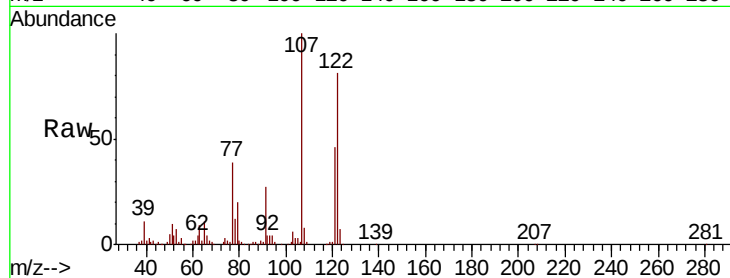
ClientSampled :

PB131136BS

Tot Ion:	122	Resp:	261741
Ion Ratio	Lower	Upper	
122	100		
107	123.8	108.1	162.1
121	57.4	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 38.884 ng

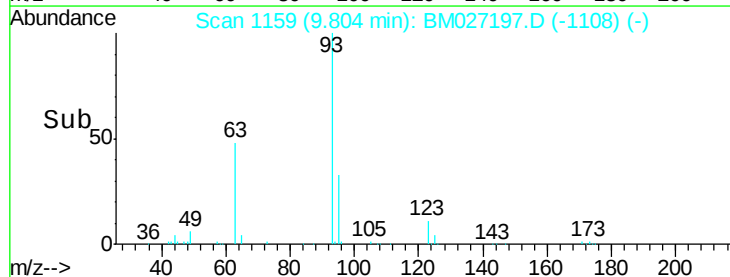
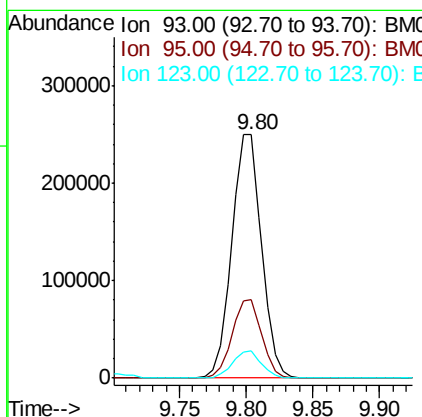
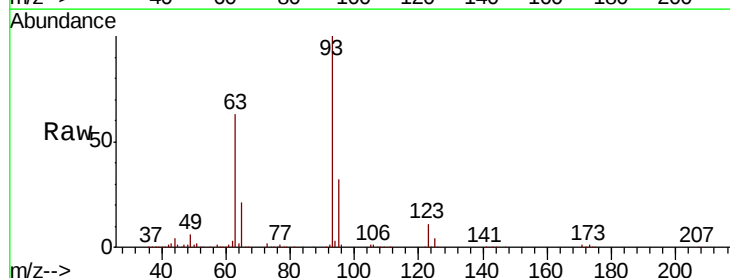
RT: 9.80 min Scan# 1159

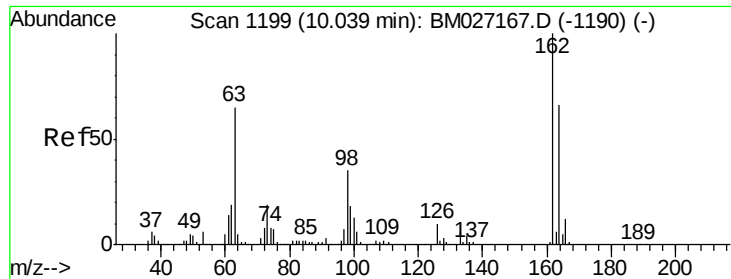
Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion:	93	Resp:	387355
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.2	39.2
123	11.2	8.8	13.2





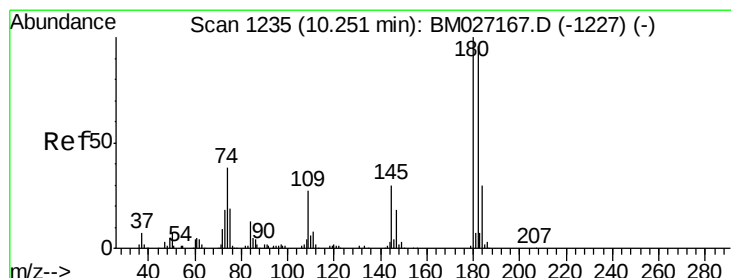
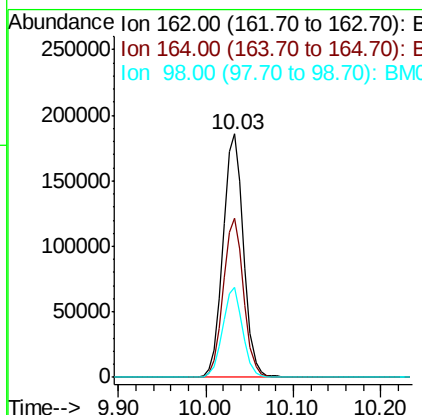
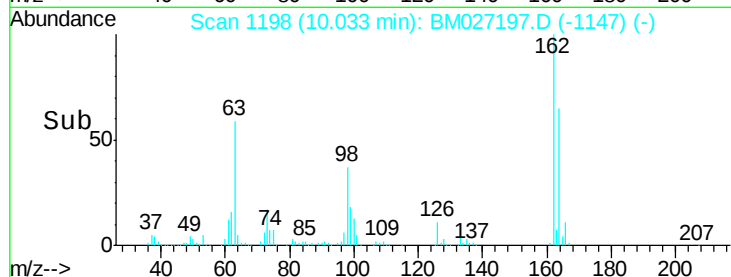
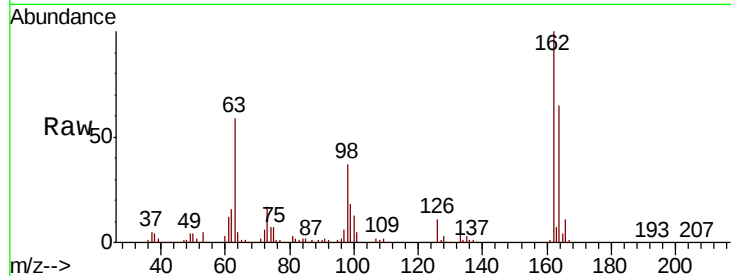
#29
2,4-Dichlorophenol
Concen: 39.515 ng
RT: 10.03 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.1	46.0	86.0	
98	36.8	15.0	55.0	

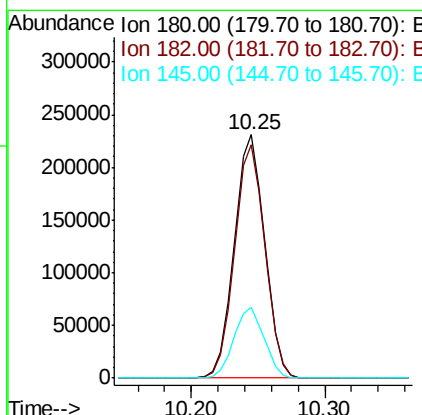
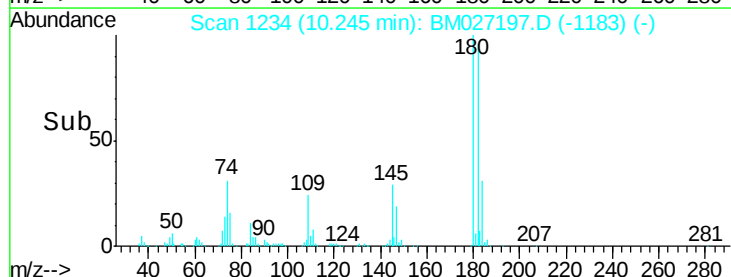
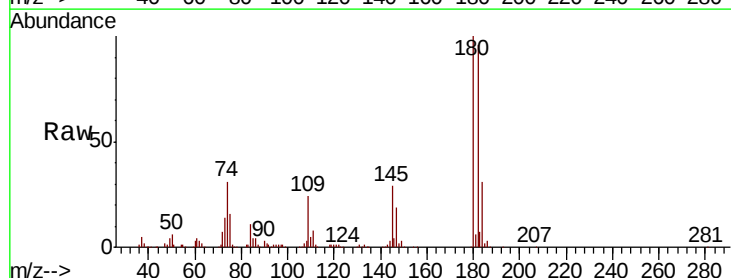
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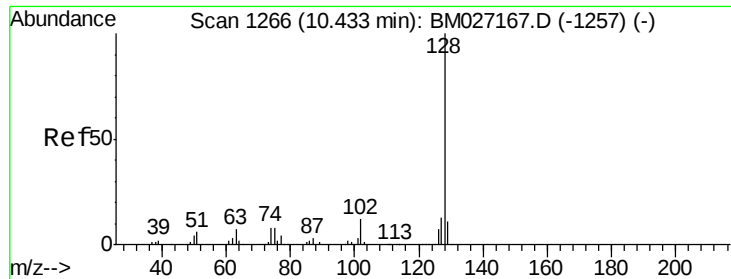
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.335 ng
RT: 10.25 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	76.6	115.0	
145	29.0	23.7	35.5	





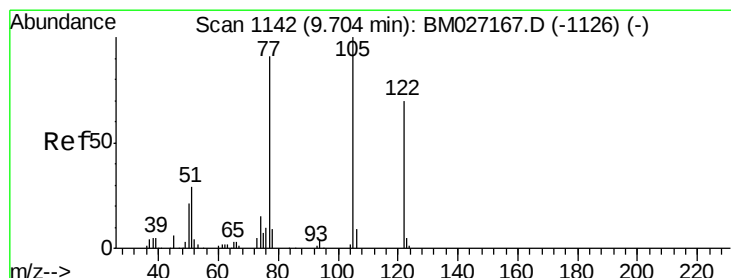
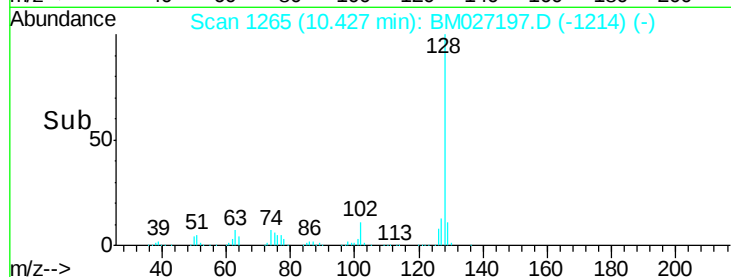
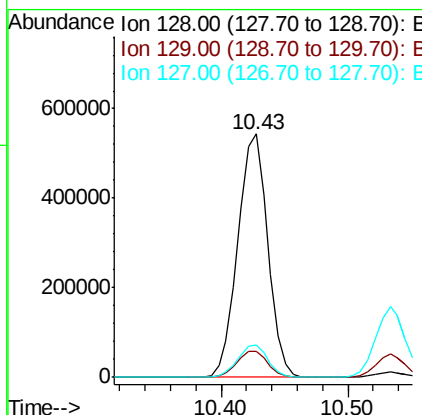
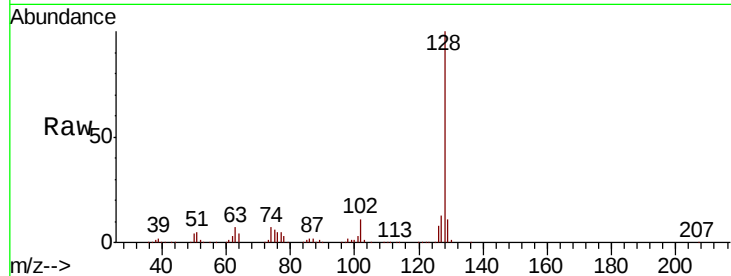
#31
Naphthalene
Concen: 38.145 ng
RT: 10.43 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.4	
127	13.1	10.7	16.1	

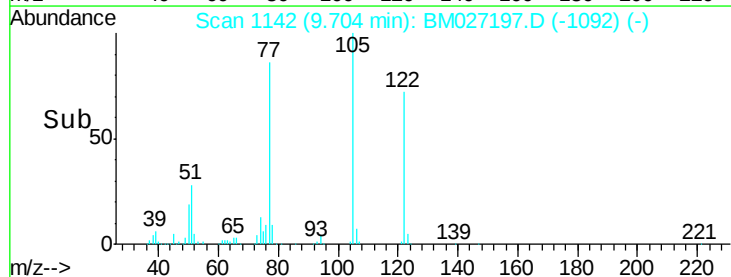
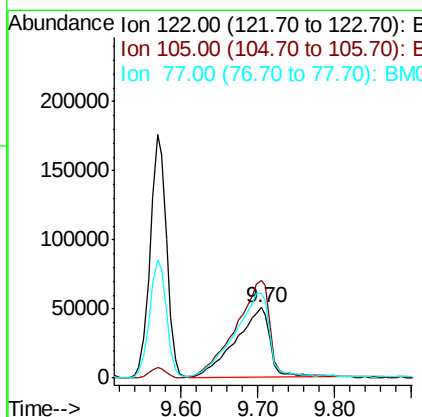
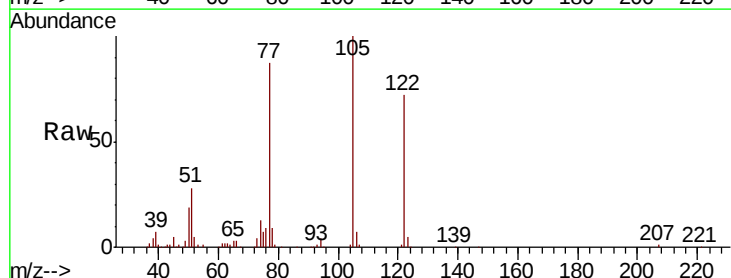
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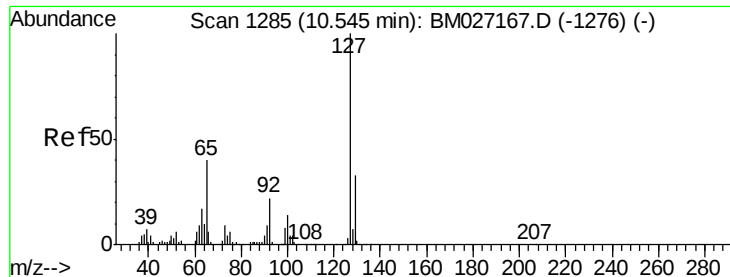
mohammad
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#32
Benzoic acid
Concen: 36.128 ng
RT: 9.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	138.8	117.8	157.8	
77	120.7	107.8	147.8	





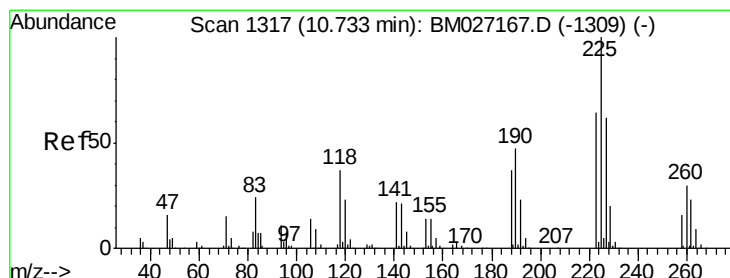
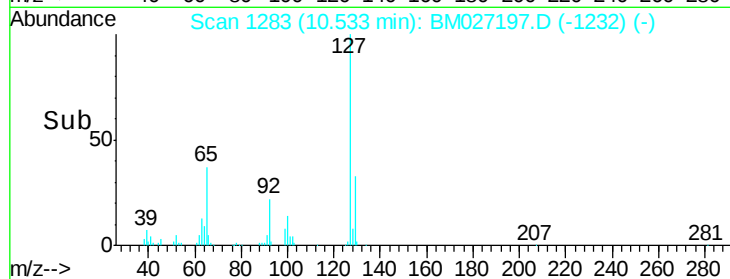
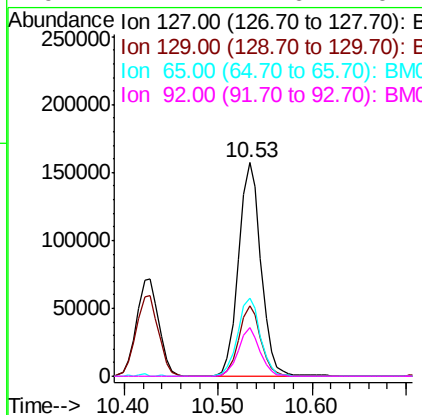
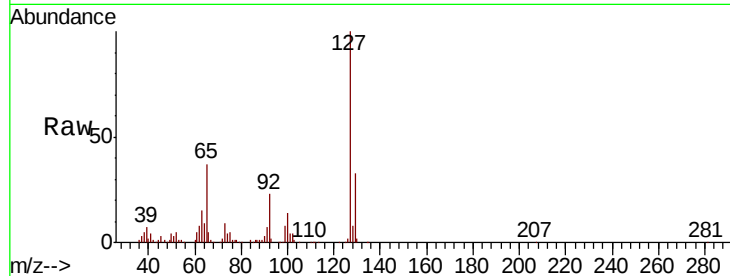
#33
4-Chloroaniline
Concen: 27.075 ng
RT: 10.53 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.0	39.0	
65	36.5	31.8	47.6	
92	22.7	17.6	26.4	

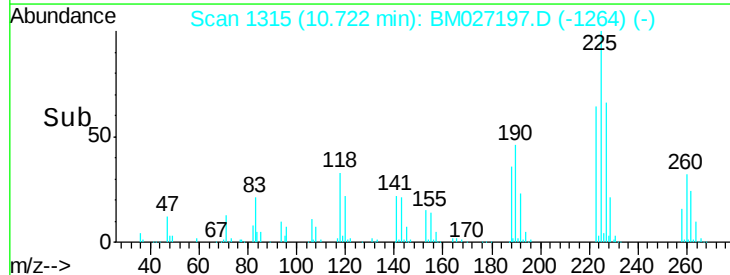
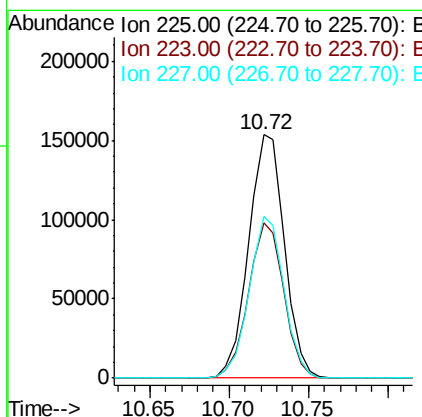
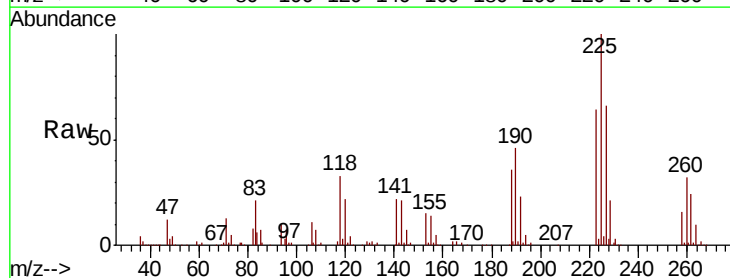
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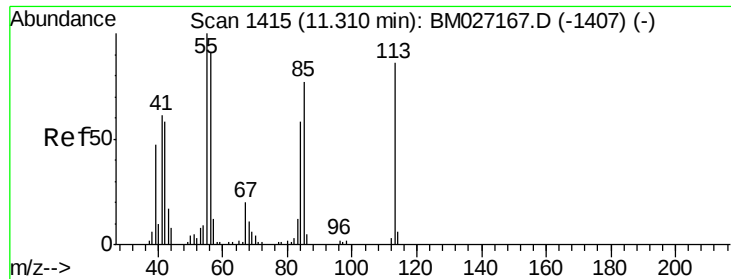
mohammad
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#34
Hexachlorobutadiene
Concen: 36.147 ng
RT: 10.72 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	51.1	76.7	
227	66.2	49.7	74.5	





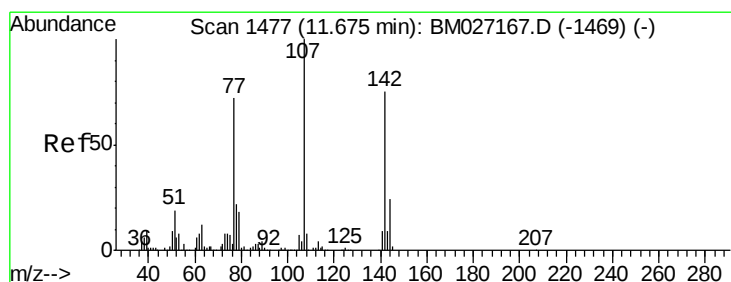
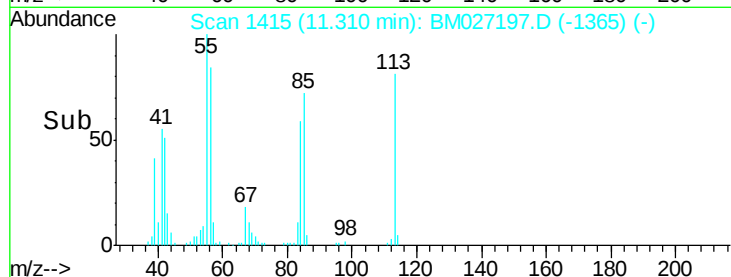
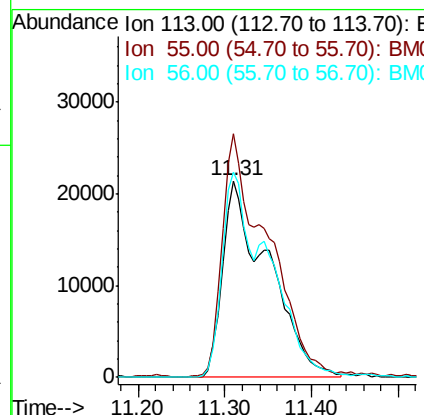
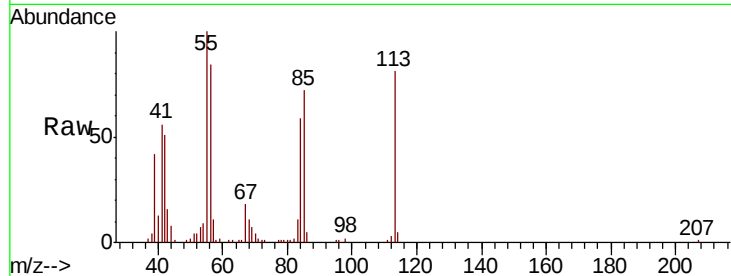
#35
 Caprolactam
 Concen: 37.565 ng/ml
 RT: 11.31 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	77642		
55	123.9		96.9	136.9
56	104.3		85.9	125.9

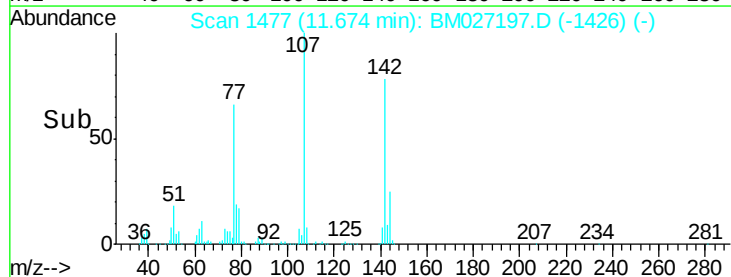
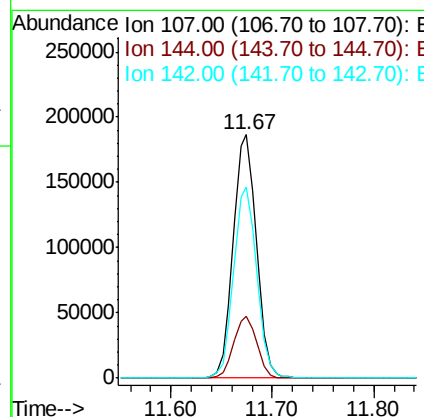
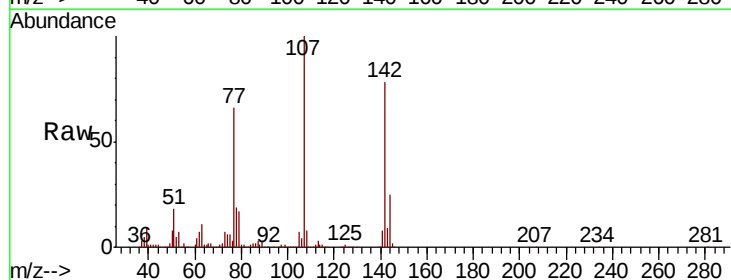
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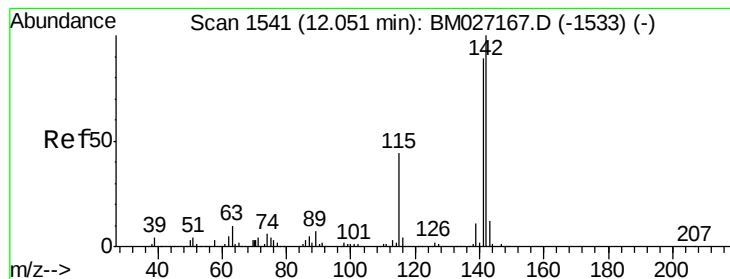
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 37.714 ng
 RT: 11.67 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	297247		
144	25.5		19.5	29.3
142	78.4		60.3	90.5





#37

2-Methylnaphthalene

Concen: 37.674 ng

RT: 12.05 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

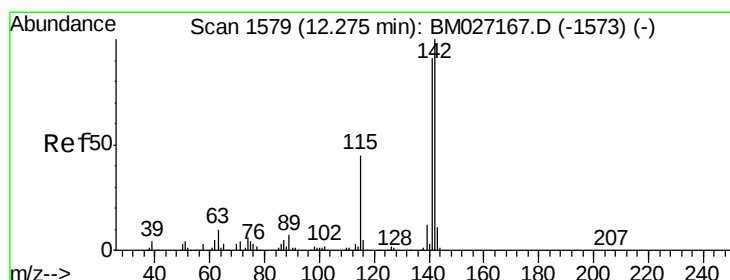
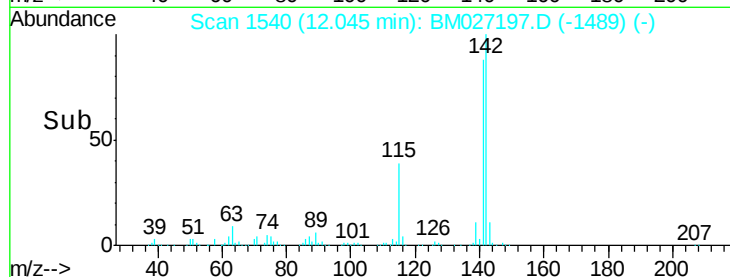
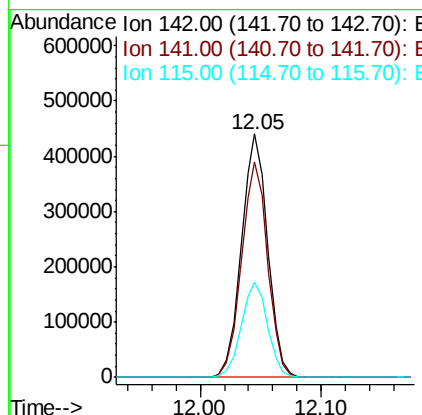
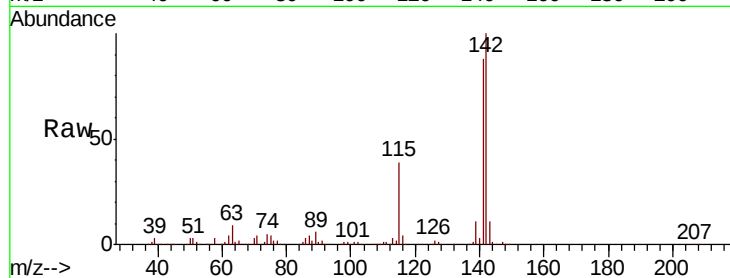
ClientSampleId :

PB131136BS

Tot Ion:	142	Resp:	664918
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.4	107.0
115	39.3	34.8	52.2

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#38

1-Methylnaphthalene

Concen: 36.980 ng

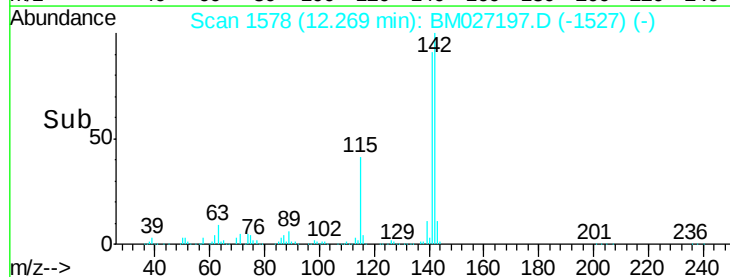
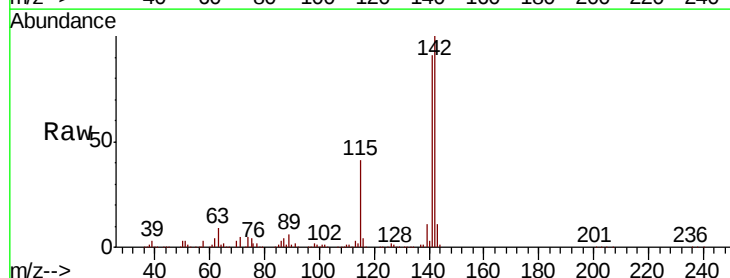
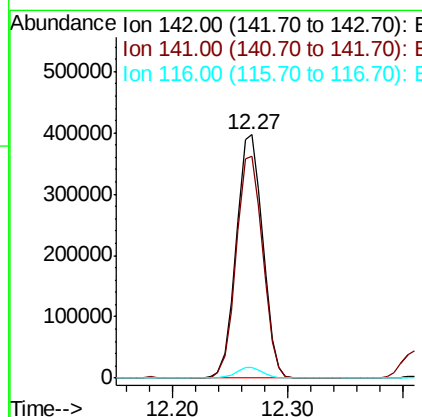
RT: 12.27 min Scan# 1578

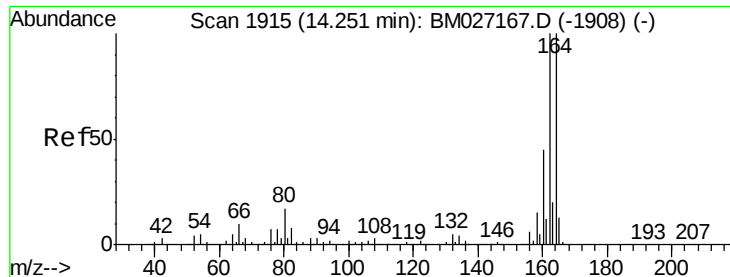
Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion:	142	Resp:	628100
Ion Ratio	Lower	Upper	
142	100		
141	91.2	72.8	109.2
116	4.5	4.2	6.4





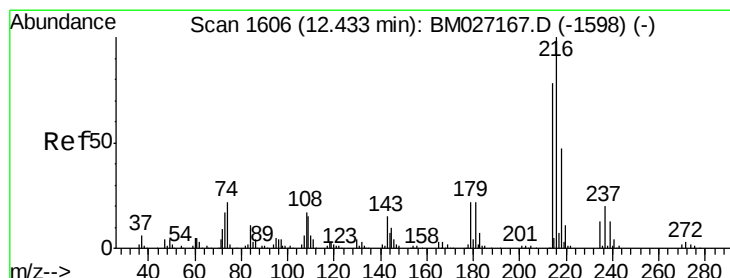
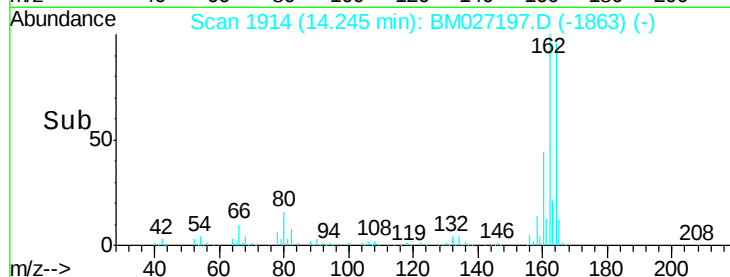
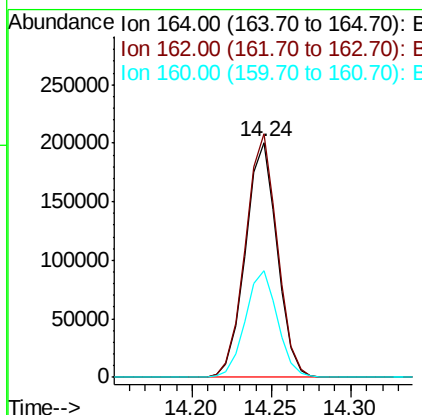
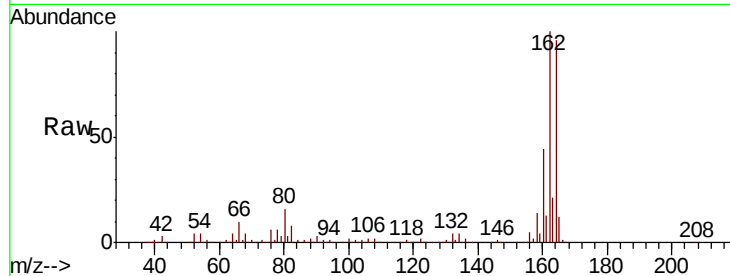
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.4
160	45.5	36.3	54.5

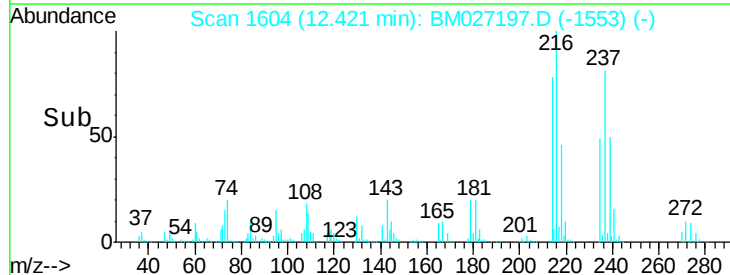
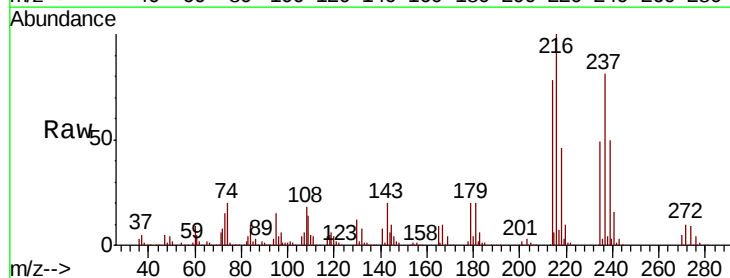
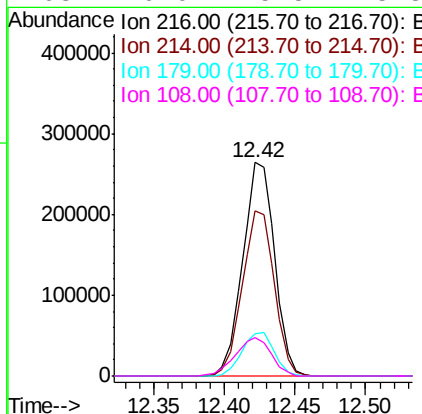
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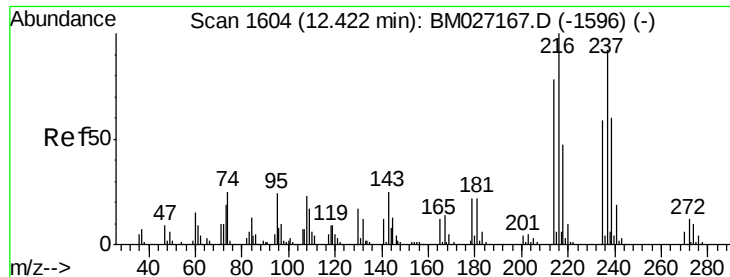
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.784 ng
 RT: 12.42 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.8	94.2
179	20.6	18.0	27.0
108	20.0	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 108.302 ng

RT: 12.41 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

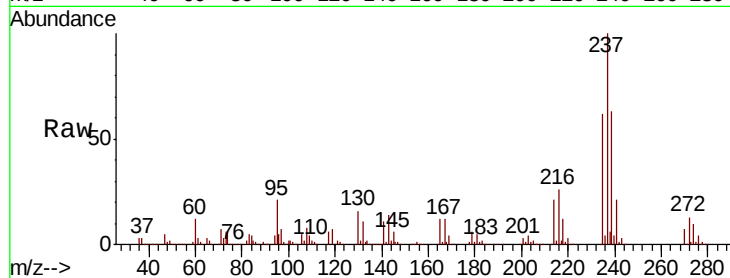
ClientSampleId :

PB131136BS

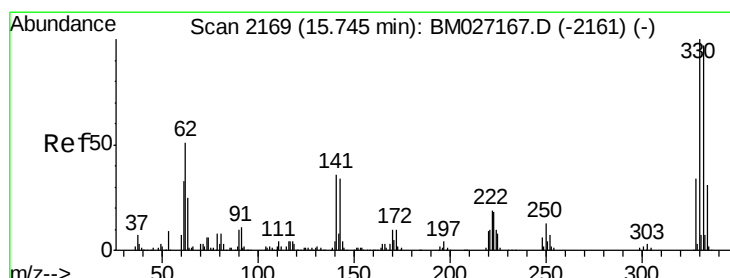
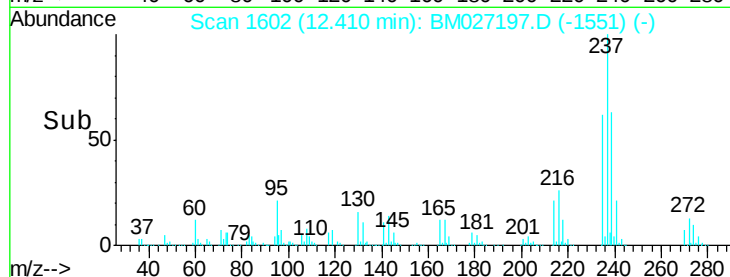
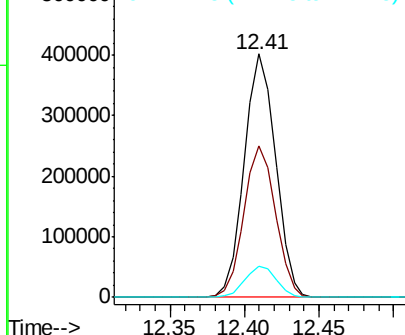
Tot Ion:	237	Resp:	585001
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.0	84.0
272	12.7	0.0	33.4

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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: 93.361 ng

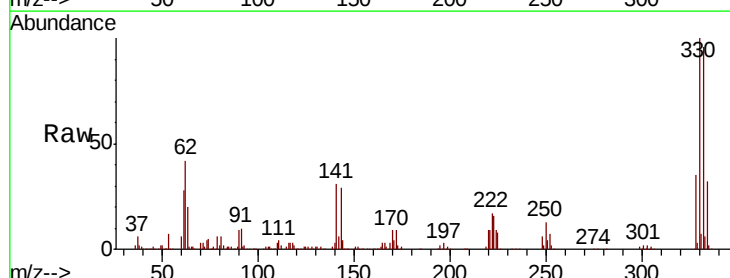
RT: 15.74 min Scan# 2168

Delta R.T. 0.00 min

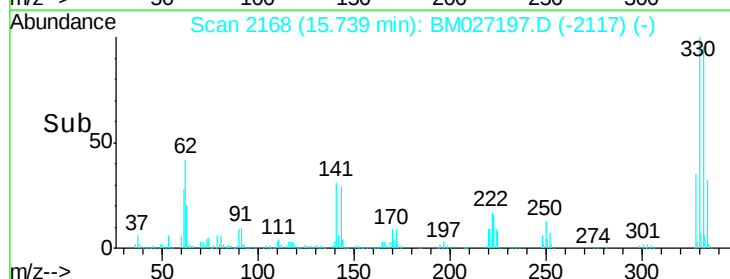
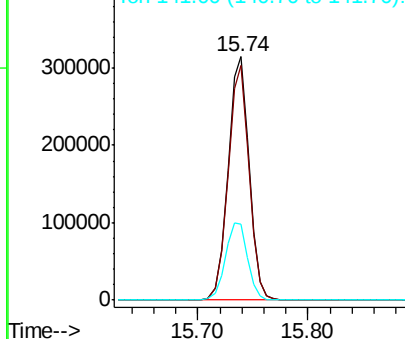
Lab File: BM027197.D

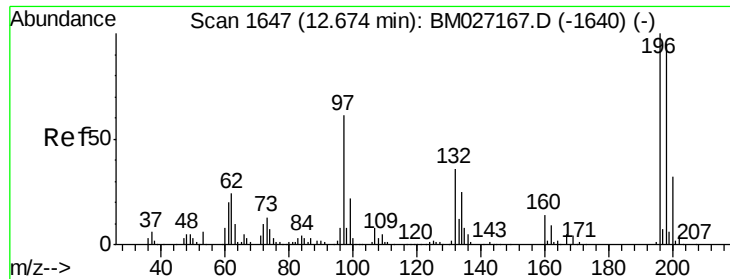
Acq: 24 Aug 2020 16:59

Tgt Ion:	330	Resp:	419506
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	33.5	31.0	46.6



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





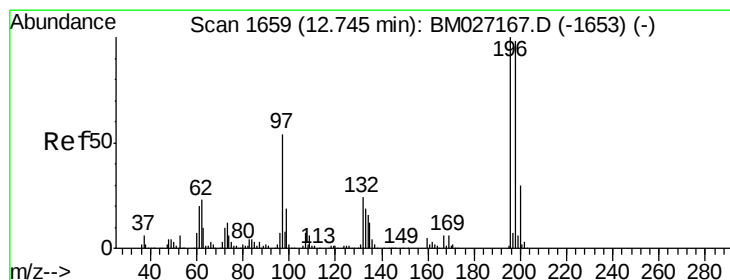
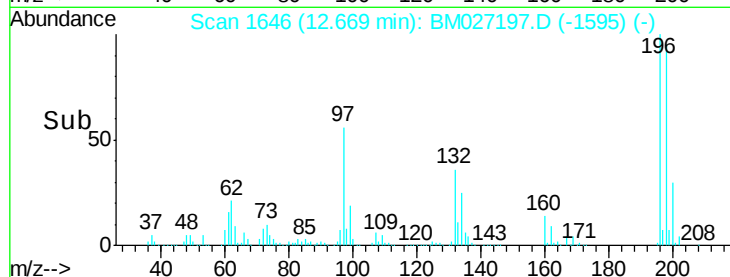
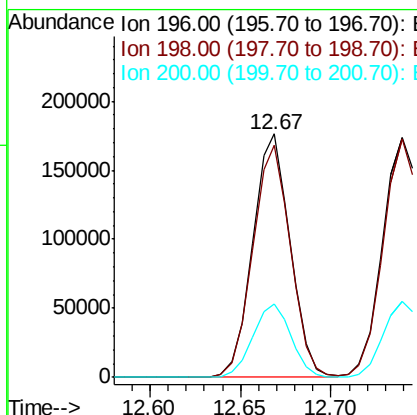
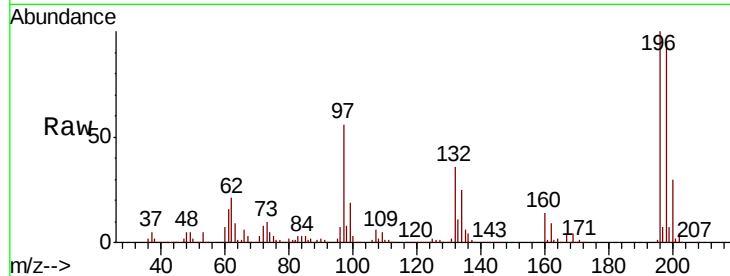
#43
 2,4,6-Trichlorophenol
 Concen: 41.862 ng
 RT: 12.67 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252603		
198	95.4	76.1	114.1	
200	30.3	25.6	38.4	

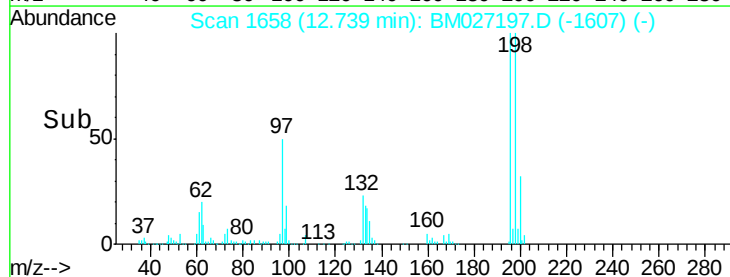
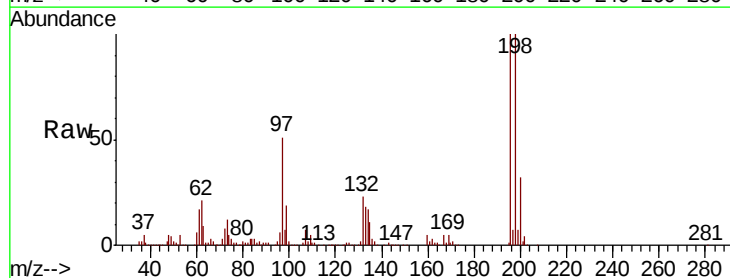
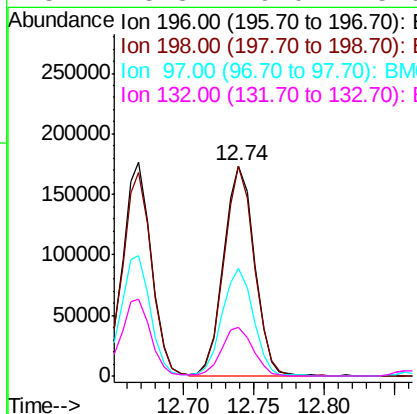
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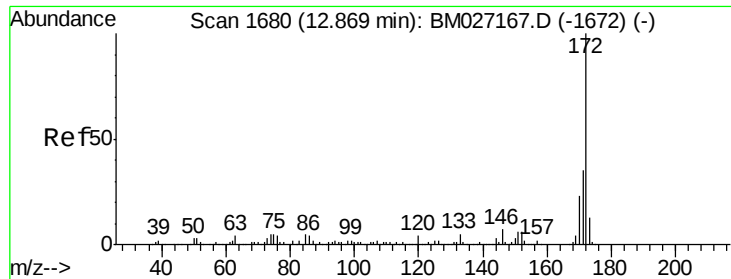
mohammad
 8/25/2020 4:18:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.378 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264770		
198	99.7	78.2	117.4	
97	51.2	43.5	65.3	
132	23.3	19.0	28.6	





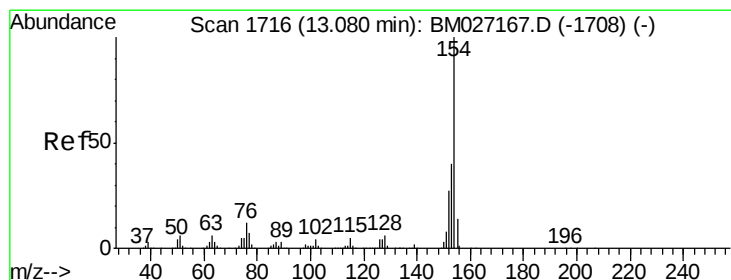
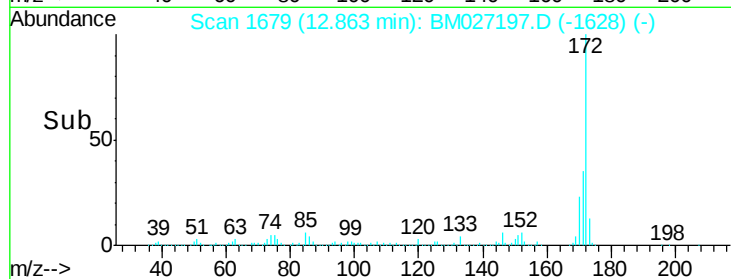
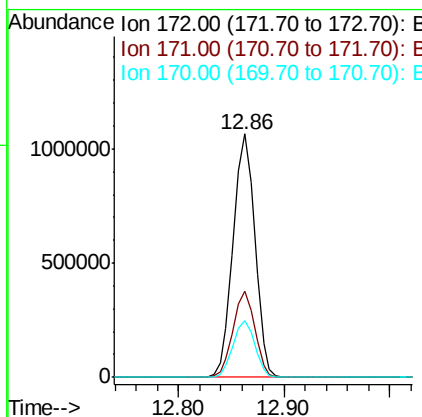
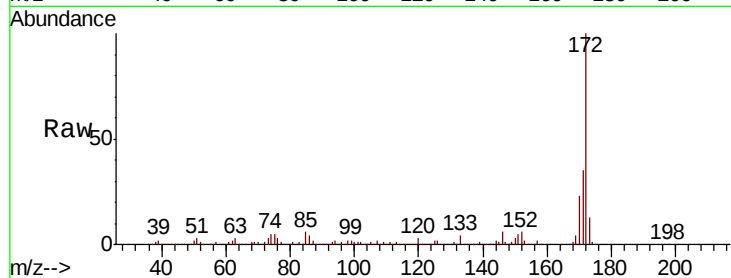
#45
2-Fluorobiphenyl
Concen: 71.623 ng
RT: 12.86 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampled :
PB131136BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.3	18.6	28.0

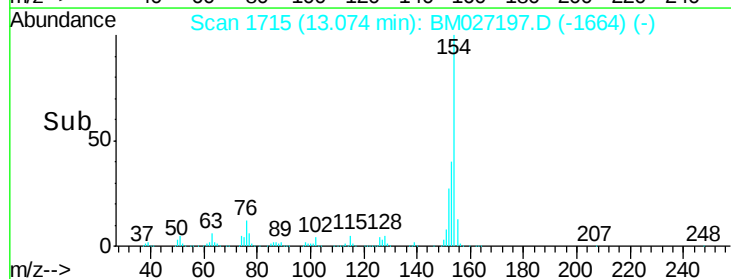
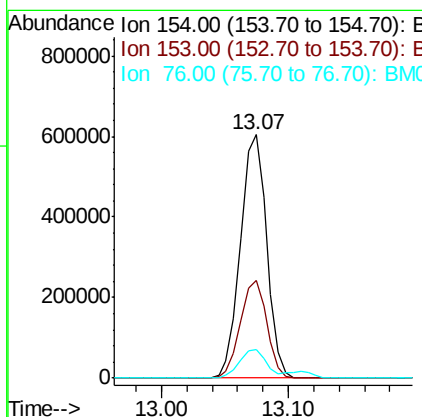
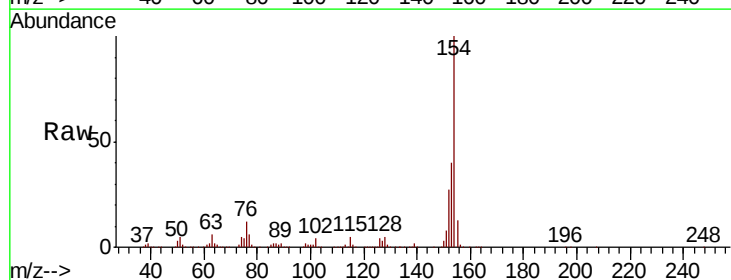
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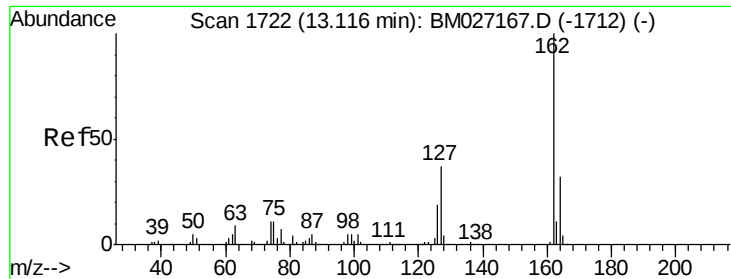
mohammad
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#46
1,1'-Biphenyl
Concen: 41.744 ng
RT: 13.07 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	11.6	0.0	31.7





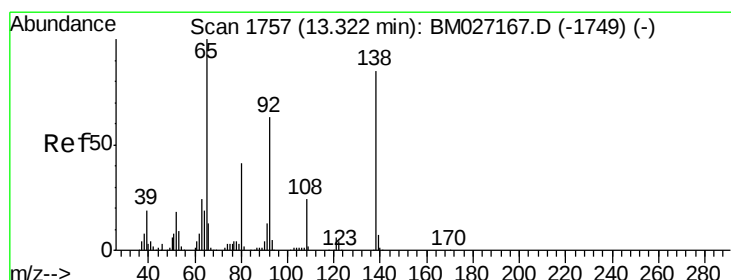
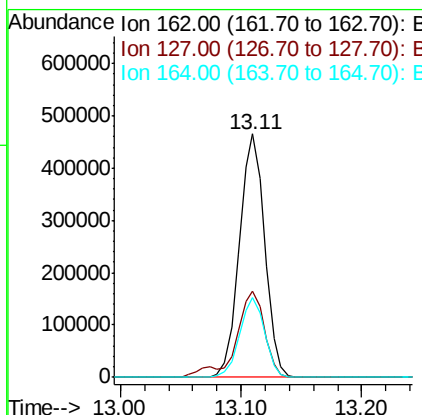
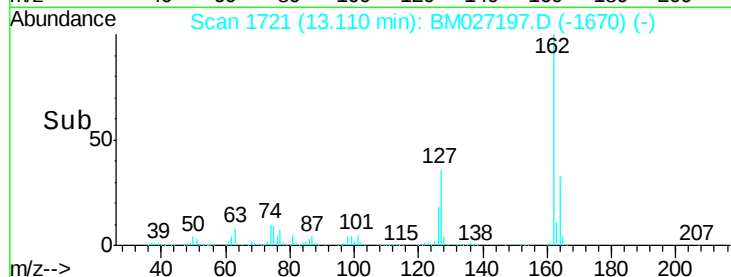
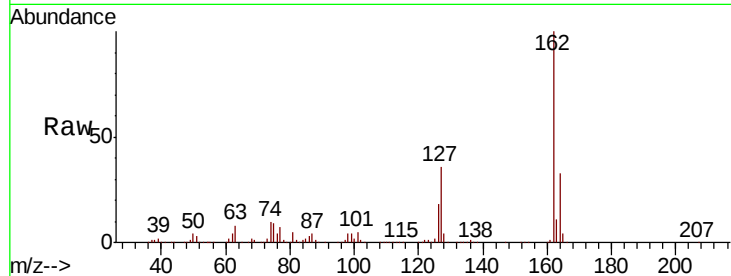
#47
2-Chloronaphthalene
Concen: 38.352 ng
RT: 13.11 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	30.2	45.2
164	32.6	25.6	38.4

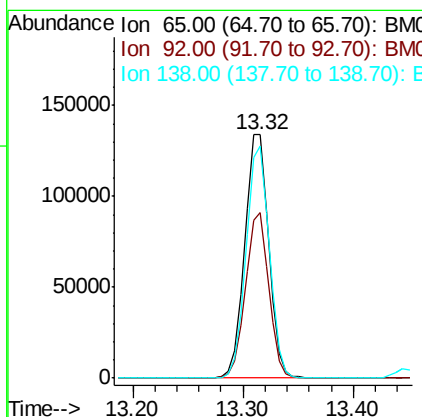
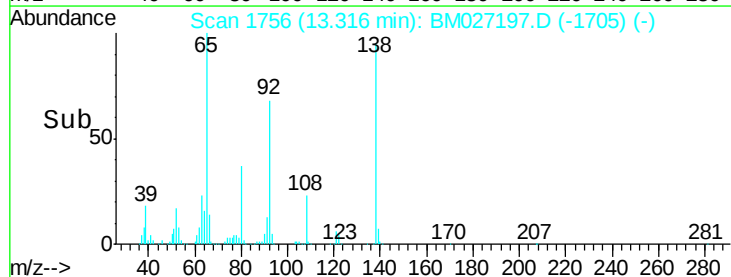
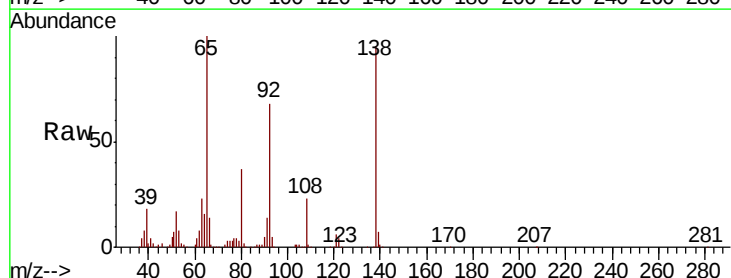
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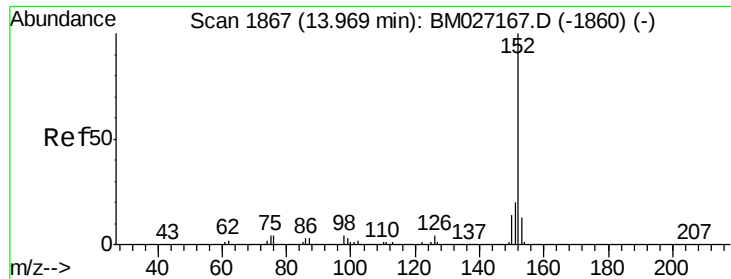
mohammad
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#48
2-Nitroaniline
Concen: 36.378 ng
RT: 13.32 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	50.4	75.6
138	95.4	68.1	102.1





#49

Acenaphthylene

Concen: 41.864 ng

RT: 13.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

ClientSampleId :

PB131136BS

Tot Ion:152 Resp: 1032368

Ion Ratio Lower Upper

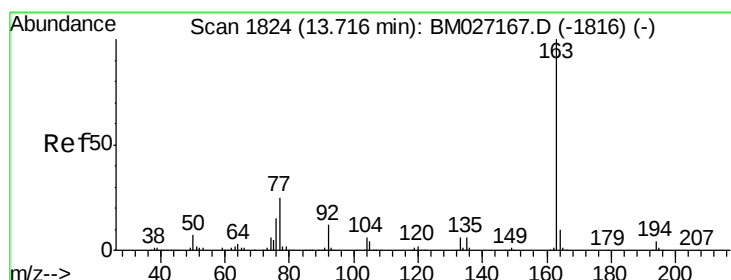
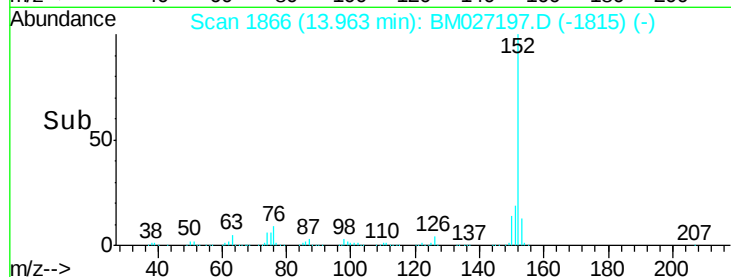
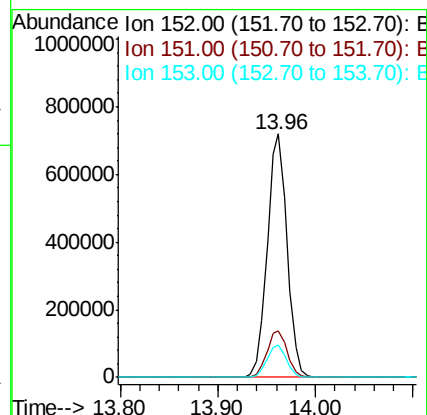
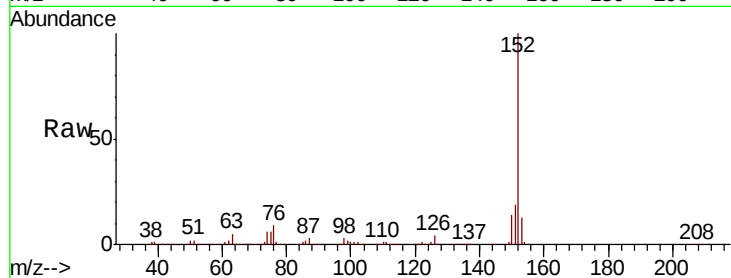
152 100

151 19.2 16.1 24.1

153 13.3 10.5 15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 36.993 ng

RT: 13.71 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

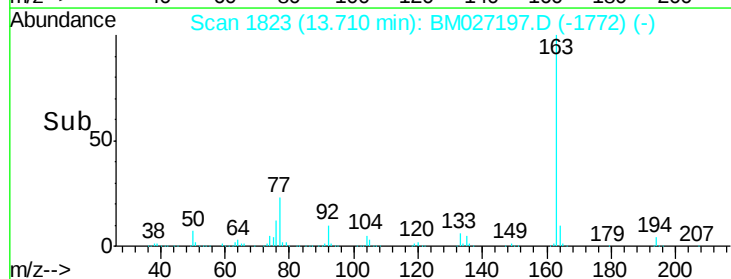
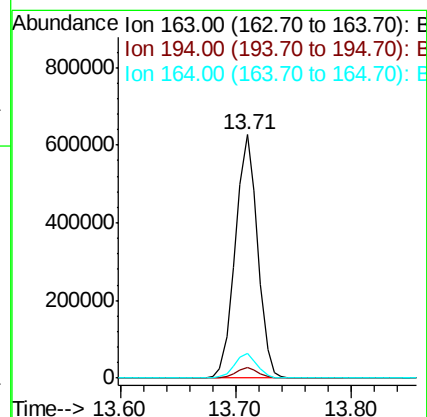
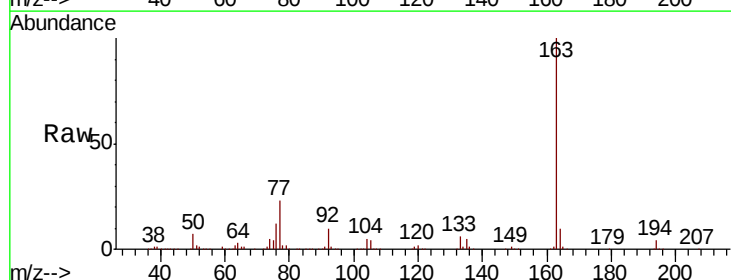
Tgt Ion:163 Resp: 833386

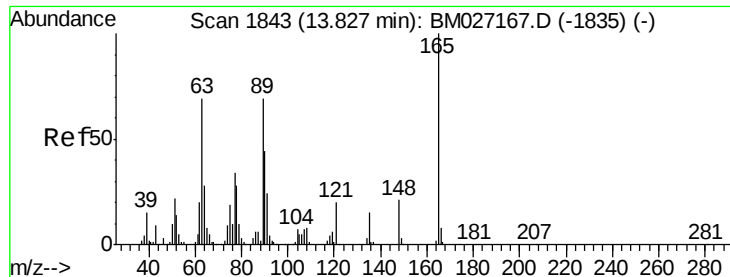
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2





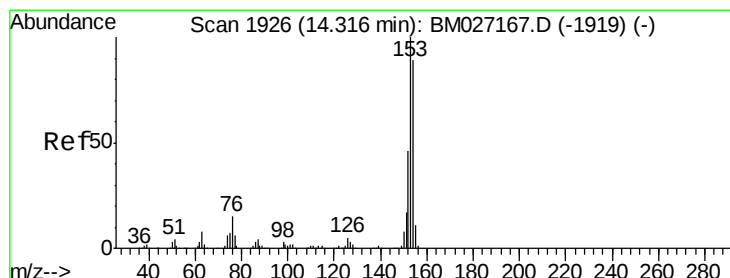
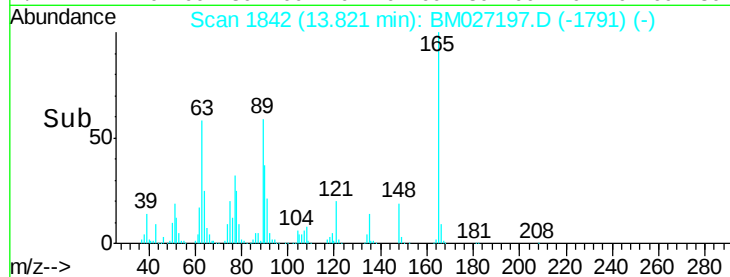
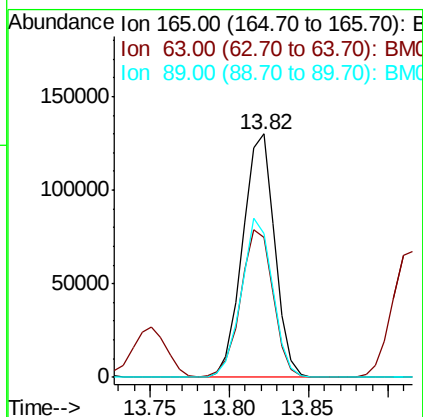
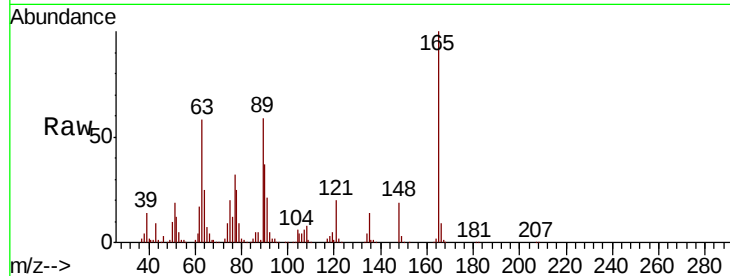
#51
2,6-Dinitrotoluene
Concen: 40.685 ng
RT: 13.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	182250		
63	57.5	56.2	84.4	
89	59.0	55.3	82.9	

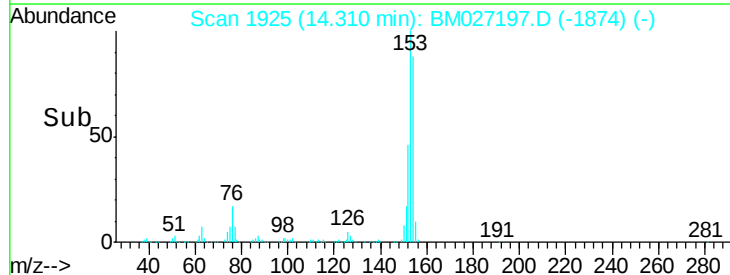
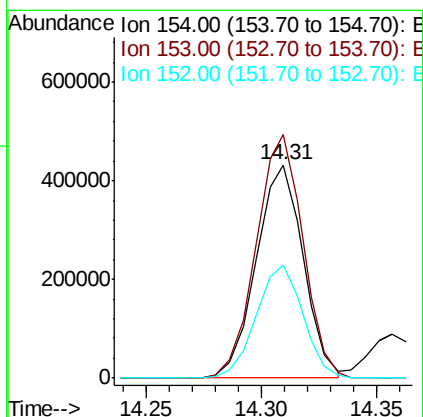
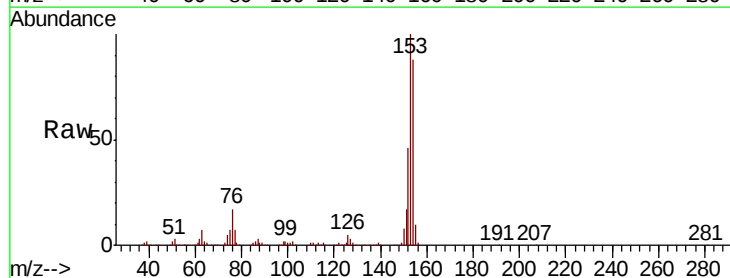
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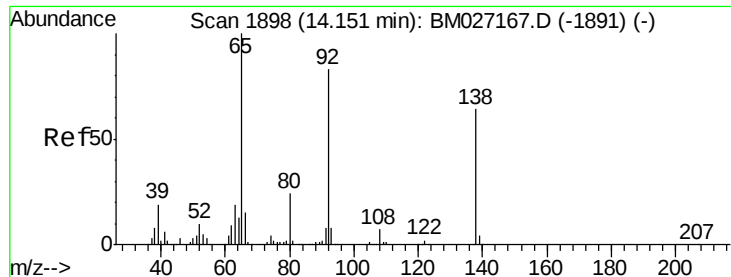
mohammad
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#52
Acenaphthene
Concen: 39.001 ng
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	610543		
153	114.2	90.2	135.4	
152	53.0	41.2	61.8	





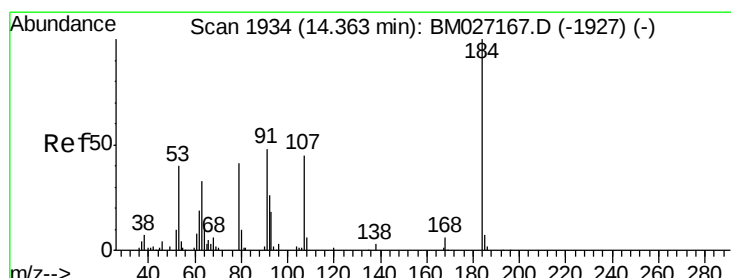
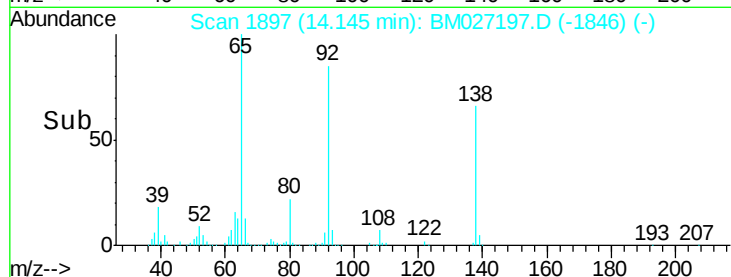
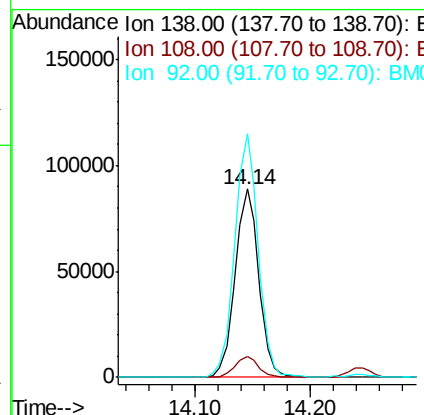
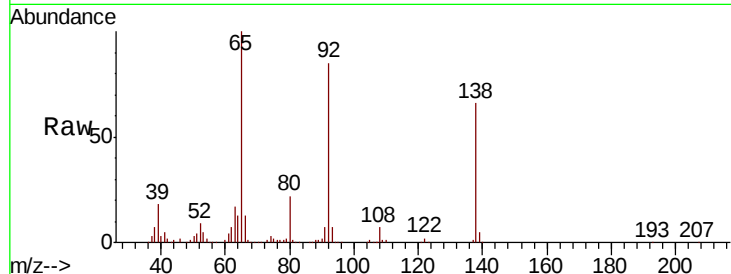
#53
3-Nitroaniline
Concen: 29.195 ng
RT: 14.14 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	129.2	103.4	155.2

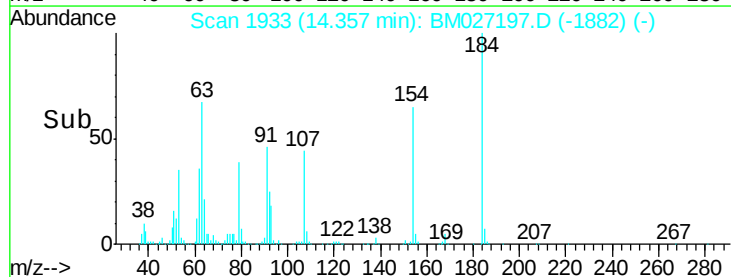
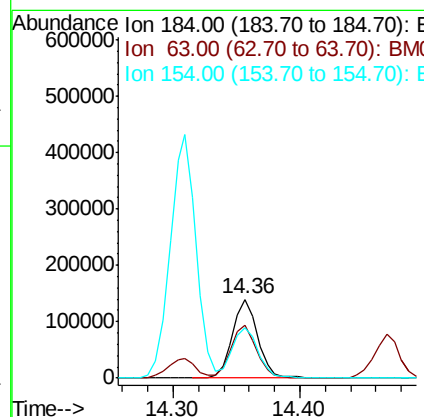
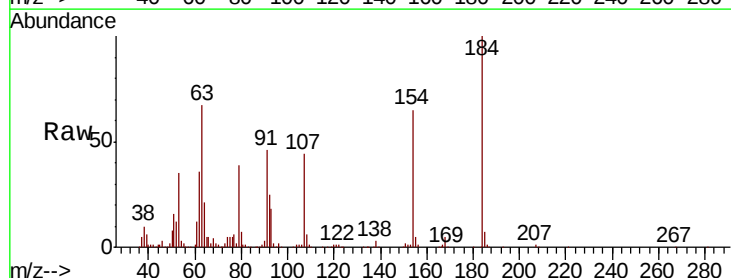
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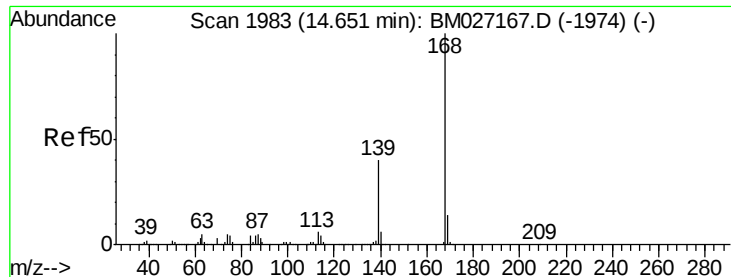
mohammad
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#54
2,4-Dinitrophenol
Concen: 82.425 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	62.6	94.0
154	64.5	58.7	88.1





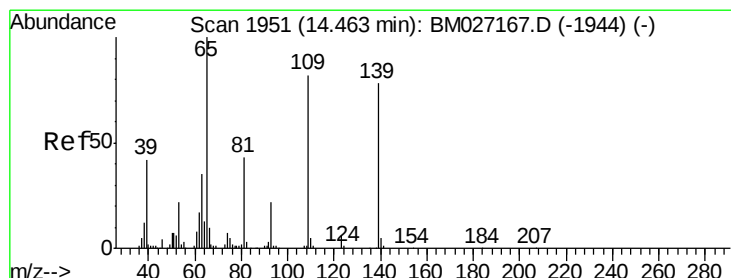
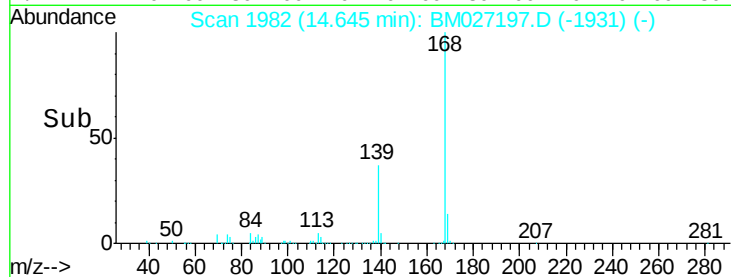
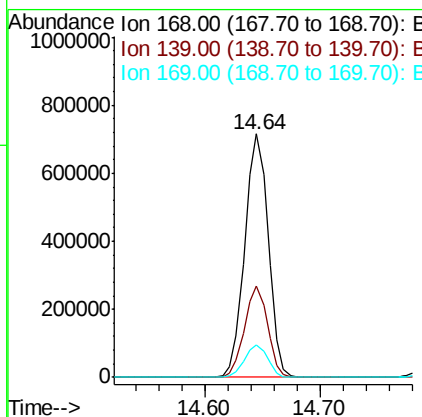
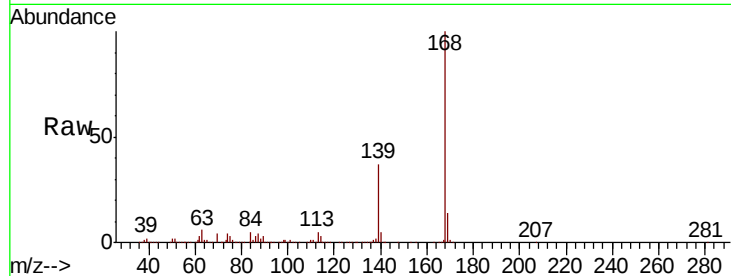
#55
Dibenzofuran
Concen: 38.837 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	32.4	48.6
169	13.6	10.9	16.3

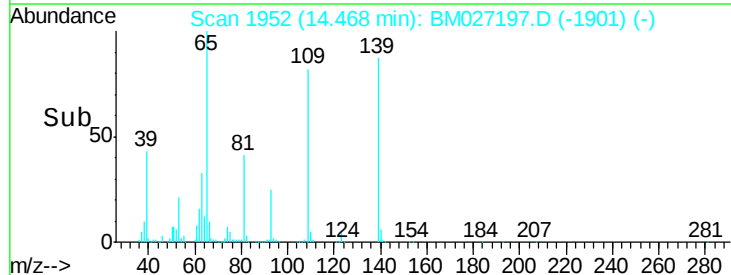
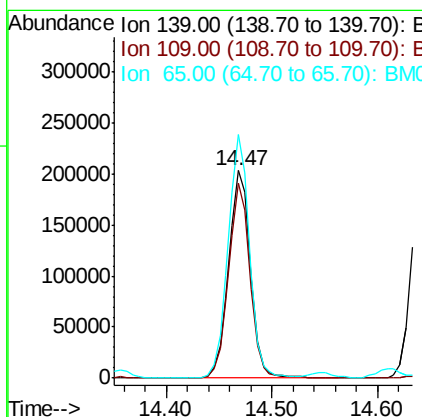
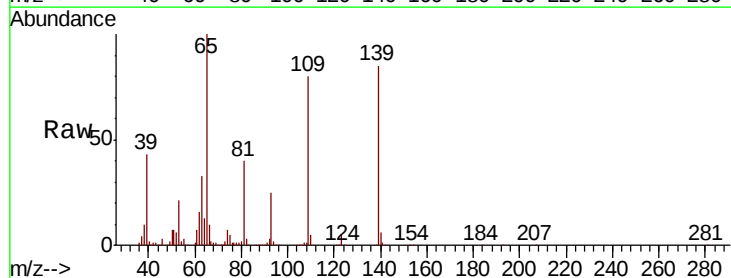
Manual Integrations
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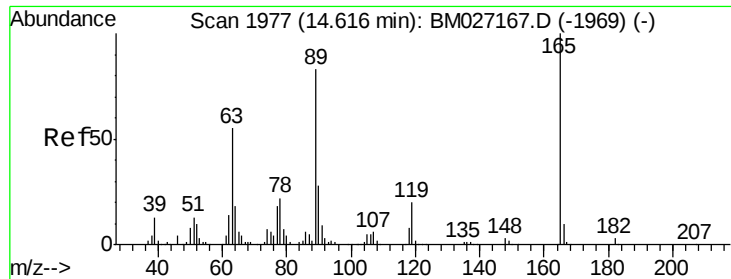
mohammad
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#56
4-Nitrophenol
Concen: 84.167 ng
RT: 14.47 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.2	85.4	125.4
65	117.5	108.7	148.7





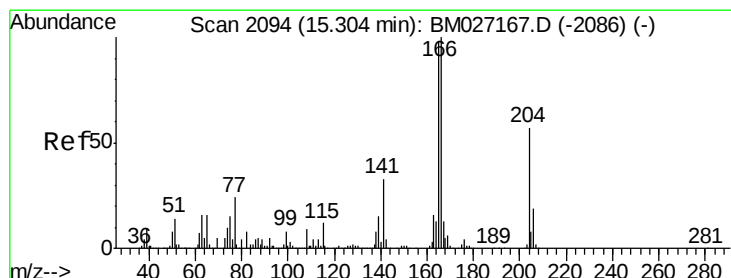
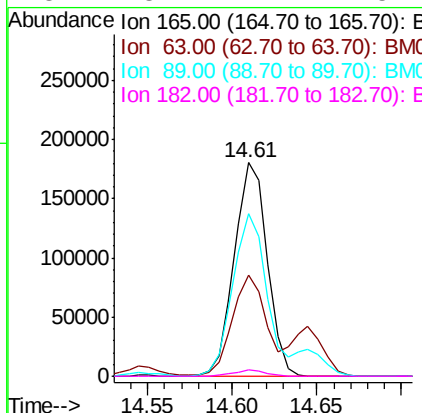
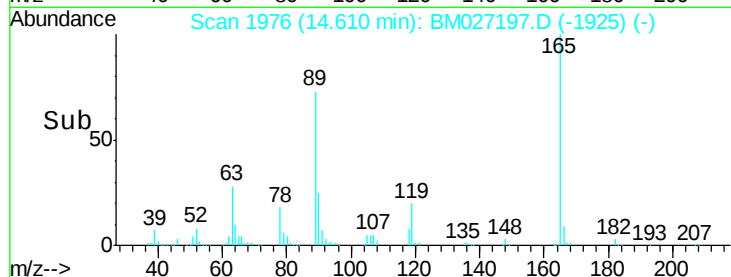
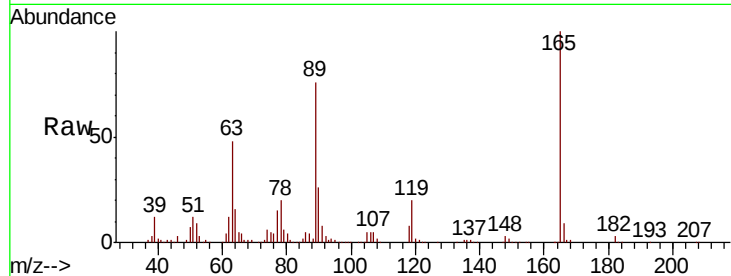
#57
 2,4-Dinitrotoluene
 Concen: 39.574 ng
 RT: 14.61 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		246290		
63	47.6		43.8	65.6	
89	75.9		66.2	99.2	
182	3.2		2.1	3.1#	

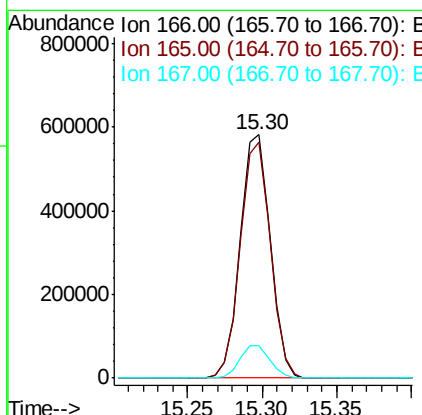
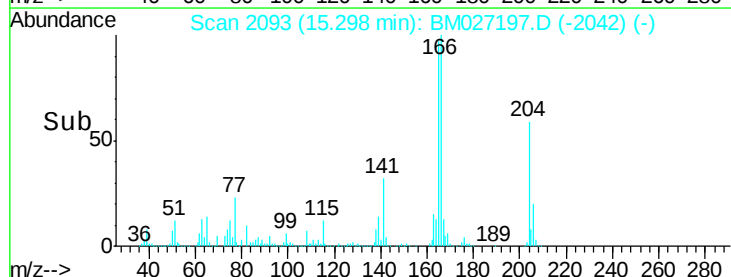
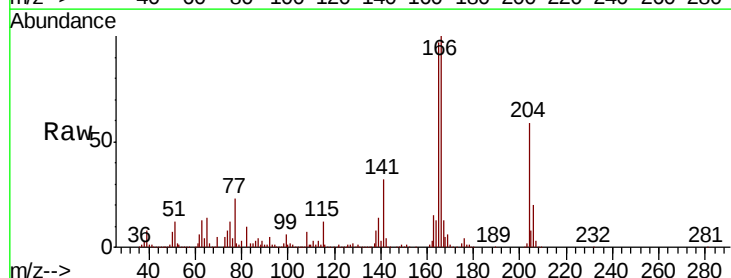
Manual Integrations
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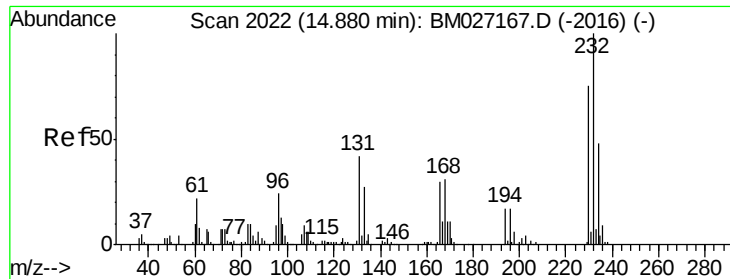
mohammad
 8/25/2020 4:18:21 PM



#58
 Fluorene
 Concen: 37.824 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		814321		
165	96.7		78.3	117.5	
167	13.3		10.7	16.1	





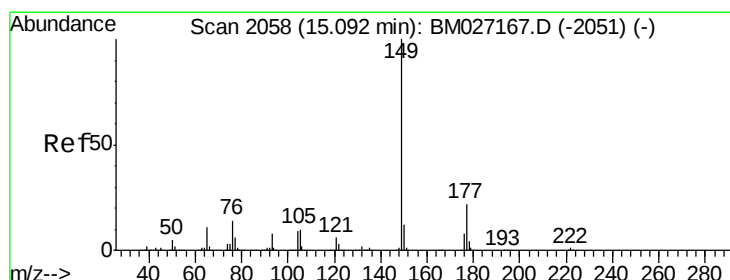
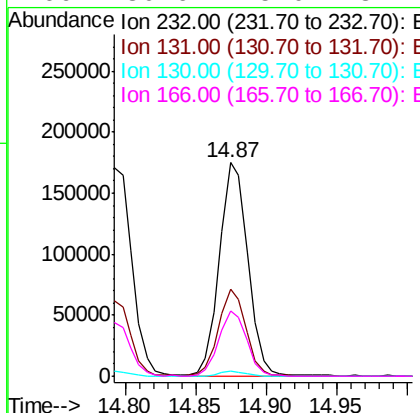
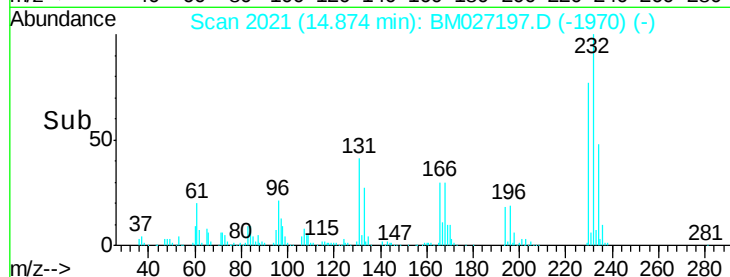
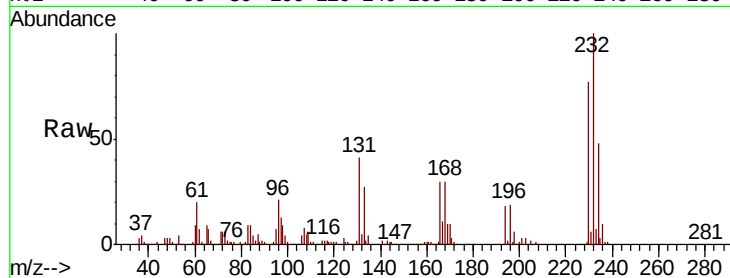
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.986 ng
 RT: 14.87 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	244363		
131	39.6	34.0	51.0	
130	2.3	2.1	3.1	
166	30.6	25.0	37.4	

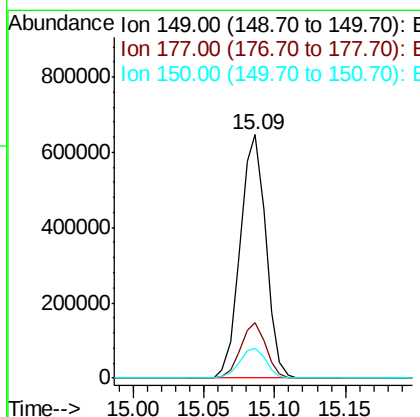
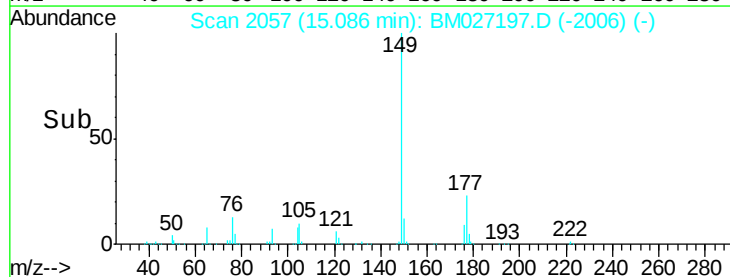
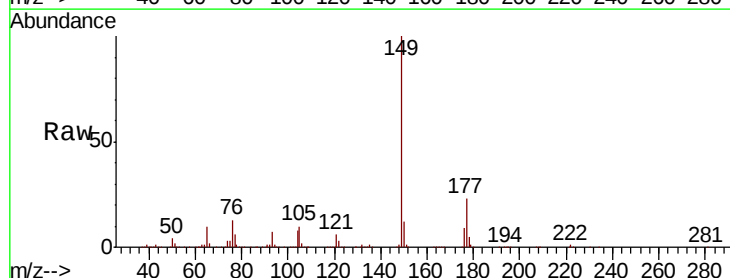
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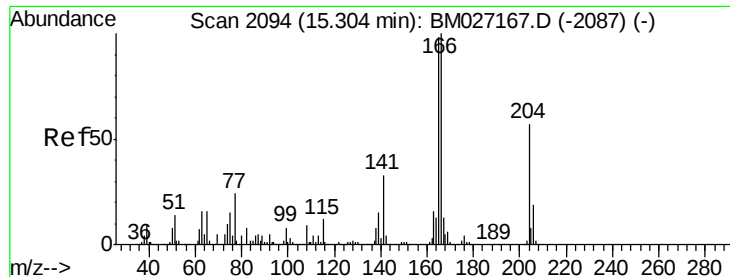
mohammad
 8/25/2020 4:18:21 PM



#60
 Diethylphthalate
 Concen: 36.687 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	819940		
177	22.9	17.5	26.3	
150	12.3	9.8	14.8	





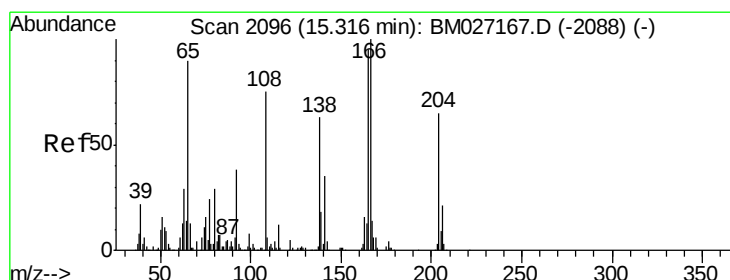
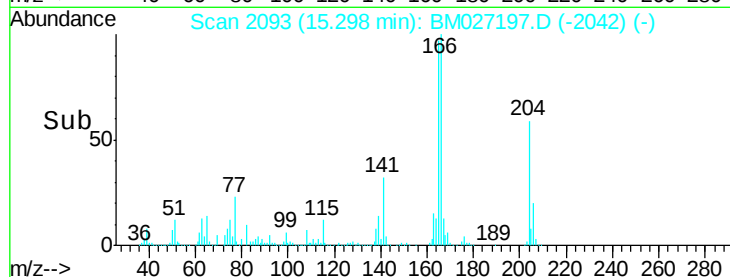
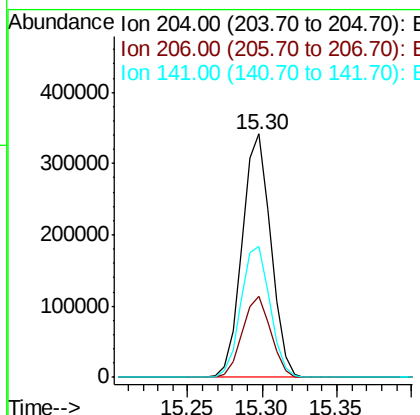
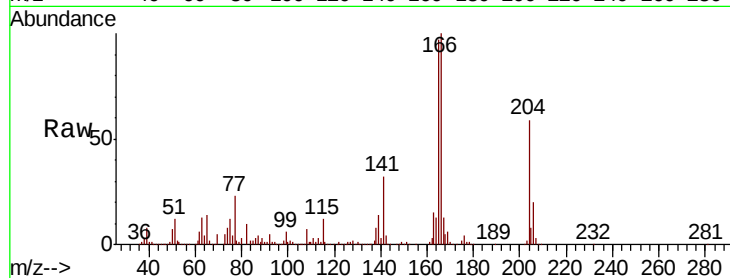
#61
4-Chlorophenyl-phenylether
Concen: 36.546 ng
RT: 15.30 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	451885		
206	33.5	26.2	39.2	
141	53.7	46.2	69.4	

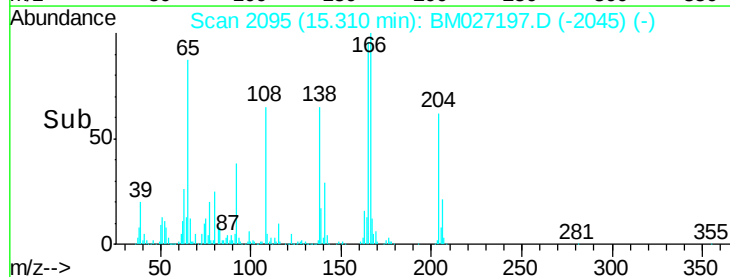
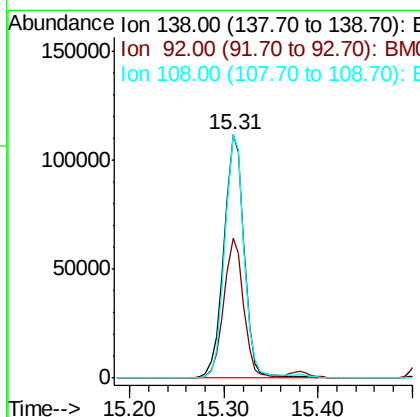
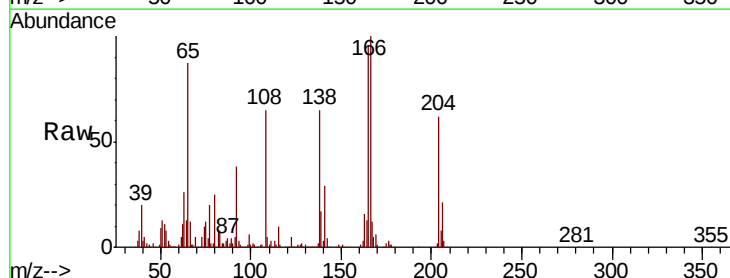
Manual Integrations
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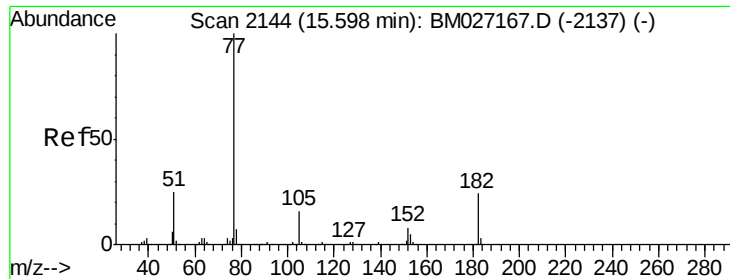
mohammad
8/25/2020 4:18:21 PM



#62
4-Nitroaniline
Concen: 34.687 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	168165		
92	57.6	40.0	80.0	
108	99.8	100.6	140.6	





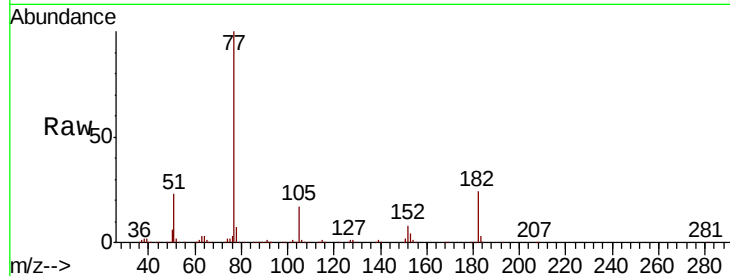
#63
Azobenzene
Concen: 36.811 ng
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.9	4.0	44.0	
105	17.0	0.0	36.0	
51	22.9	5.0	45.0	

Manual Integrations
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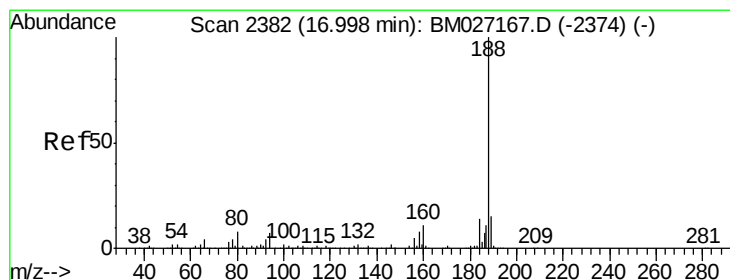
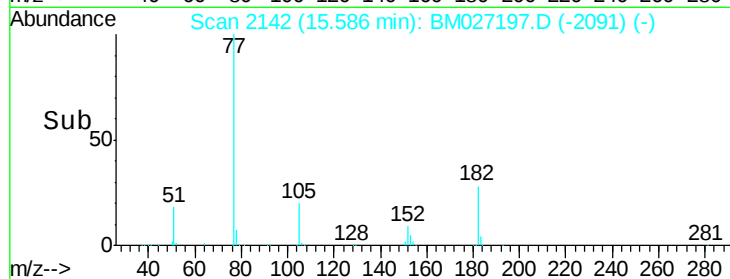
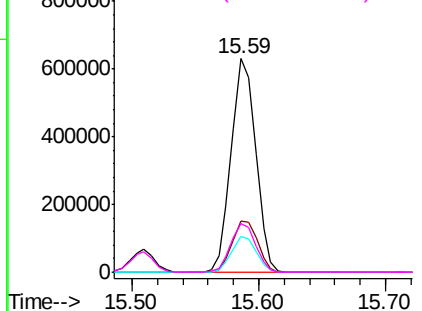


Abundance Ion 77.00 (76.70 to 77.70): BM027197.D (-2091) (-)

Ion 182.00 (181.70 to 182.70): BM027197.D (-2091) (-)

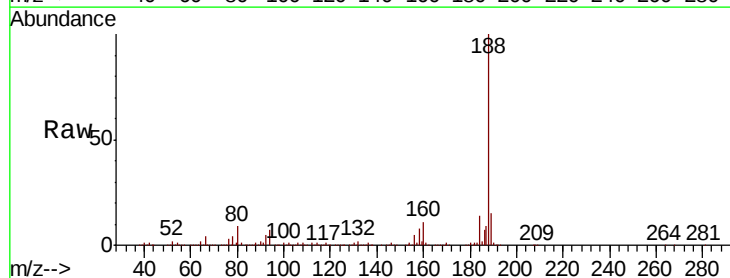
Ion 105.00 (104.70 to 105.70): BM027197.D (-2091) (-)

Ion 51.00 (50.70 to 51.70): BM027197.D (-2091) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

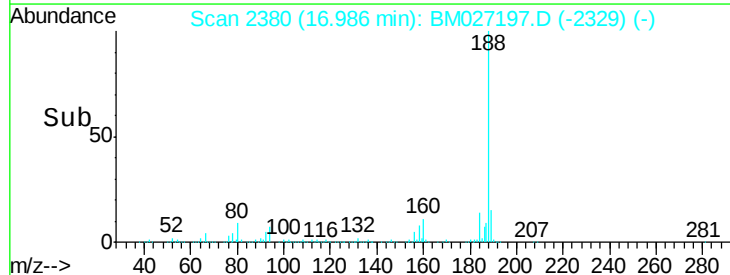
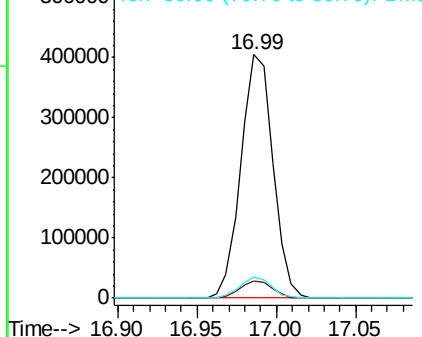
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.2	5.5	8.3	
80	8.7	6.2	9.4	

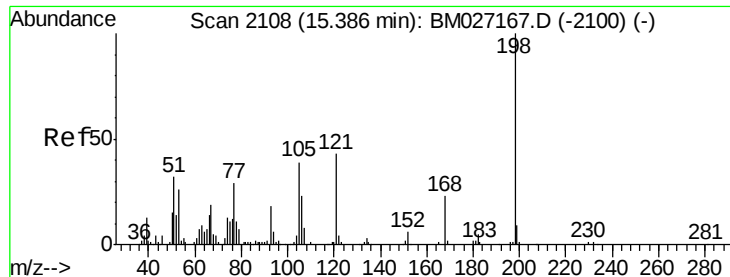


Abundance Ion 188.00 (187.70 to 188.70): BM027197.D (-2329) (-)

Ion 94.00 (93.70 to 94.70): BM027197.D (-2329) (-)

Ion 80.00 (79.70 to 80.70): BM027197.D (-2329) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 47.603 ng

RT: 15.38 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

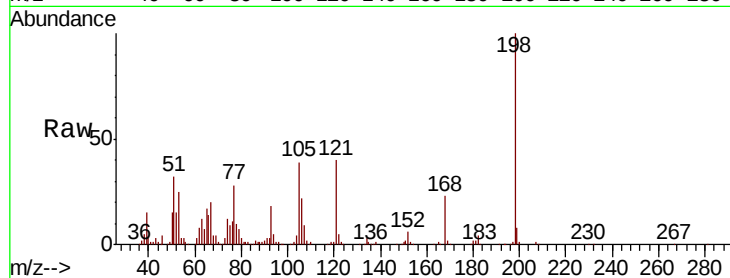
ClientSampled :

PB131136BS

Tot Ion:	198	Resp:	133404
Ion Ratio	Lower	Upper	
198	100		
51	32.1	12.1	52.1
105	39.4	18.9	58.9

Manual Integrations
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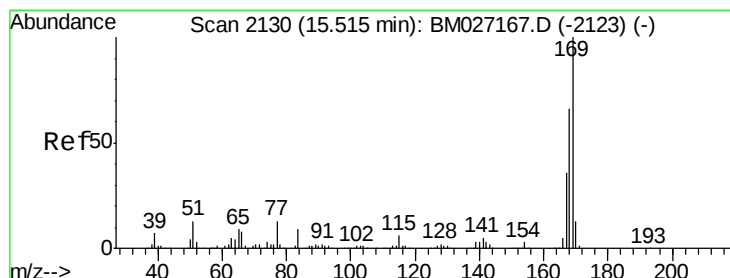
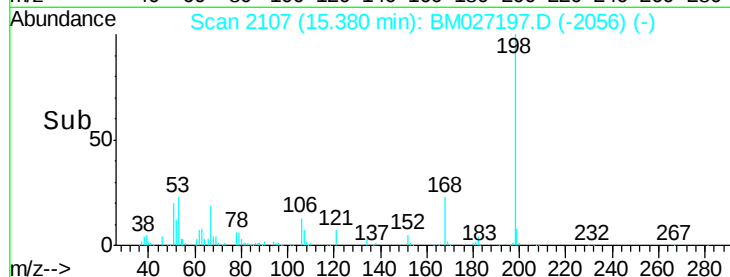
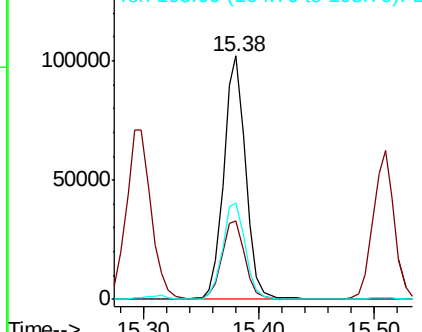
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.179 ng

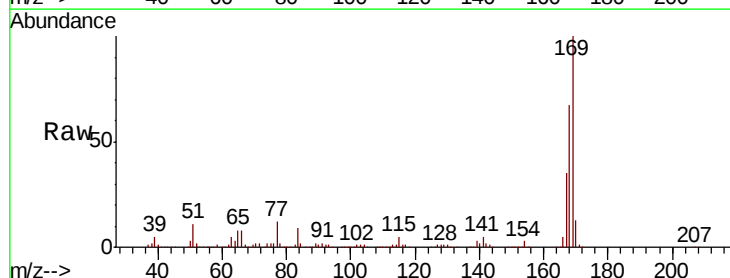
RT: 15.51 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

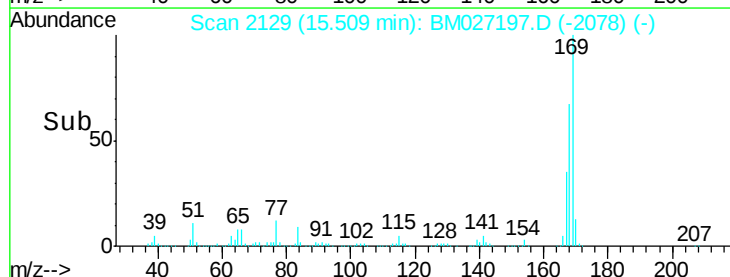
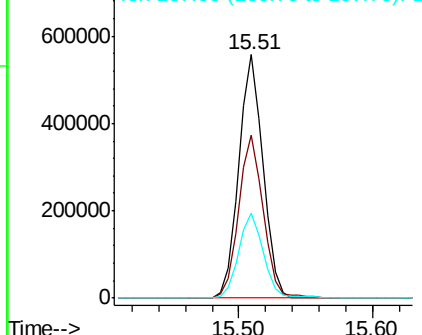
Tgt Ion:	169	Resp:	699794
Ion Ratio	Lower	Upper	
169	100		
168	67.1	52.9	79.3
167	34.9	28.5	42.7

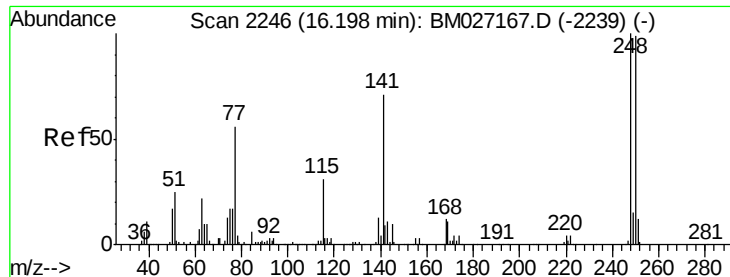


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





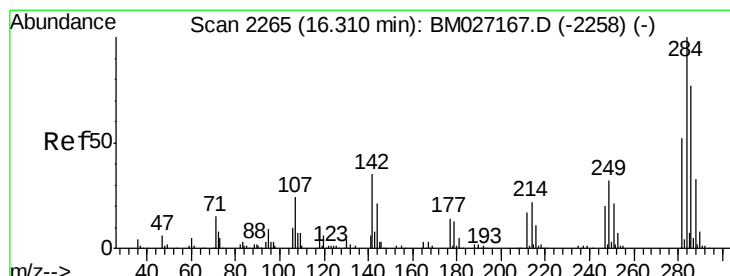
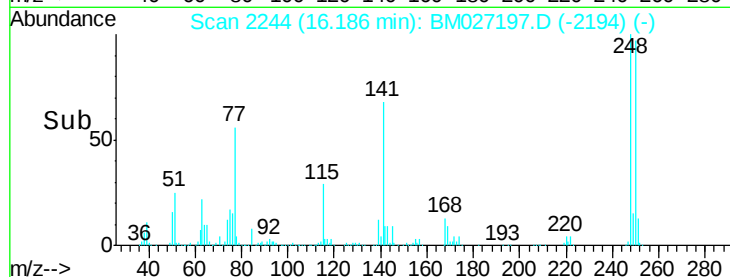
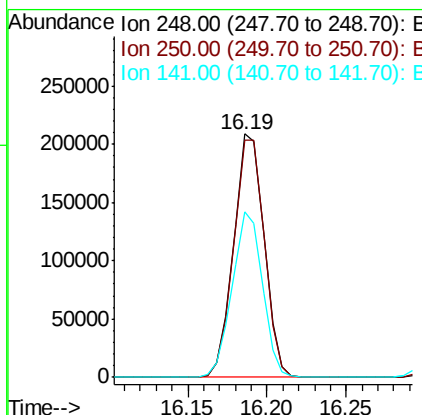
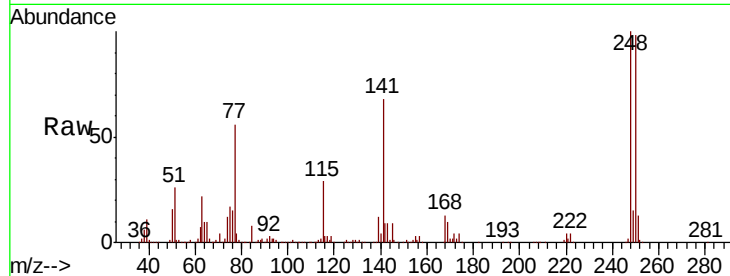
#67
4-Bromophenyl-phenylether
Concen: 40.488 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.1	118.7
141	68.0	56.9	85.3

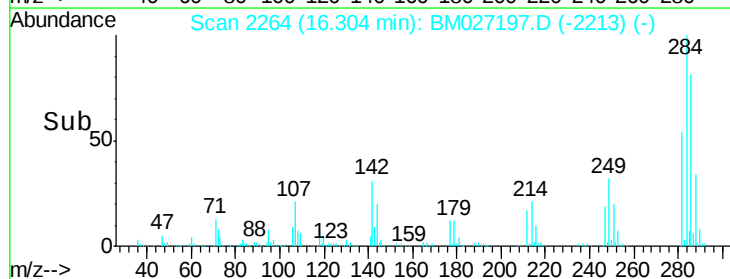
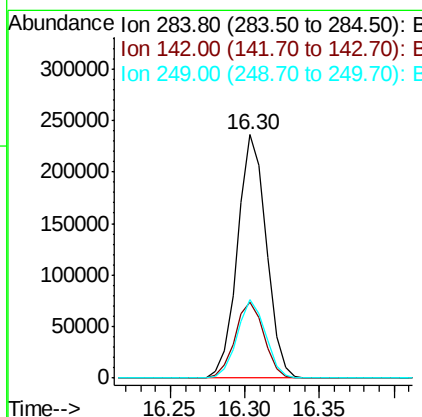
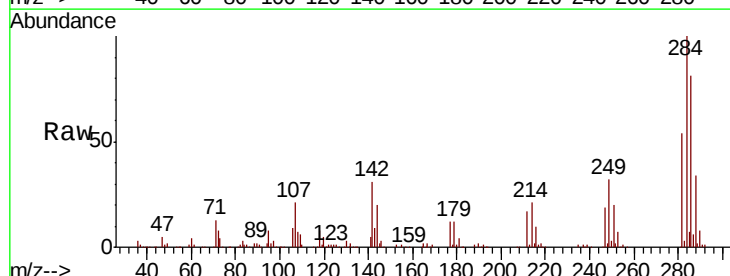
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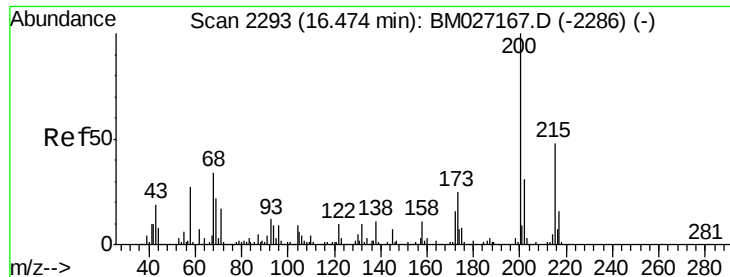
mohammad
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#68
Hexachlorobenzene
Concen: 38.748 ng
RT: 16.30 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	27.8	41.6
249	32.2	25.6	38.4





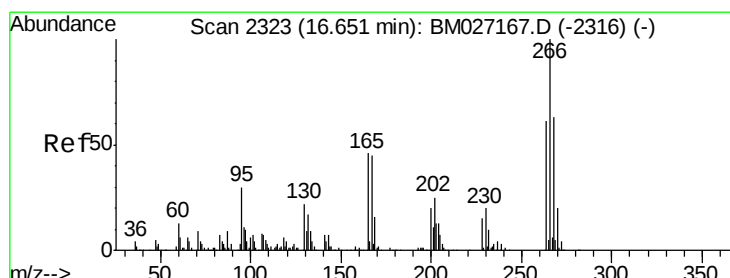
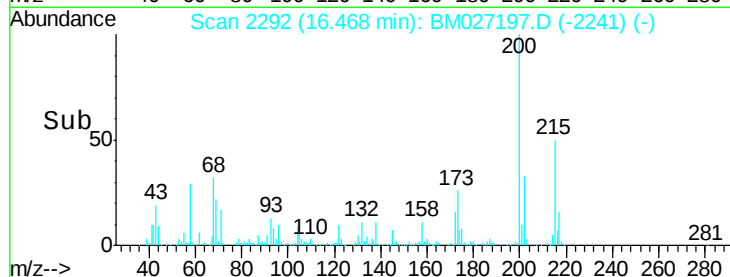
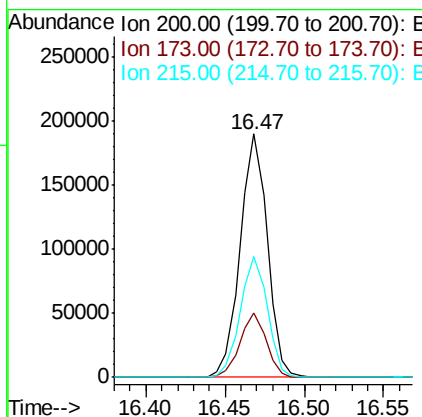
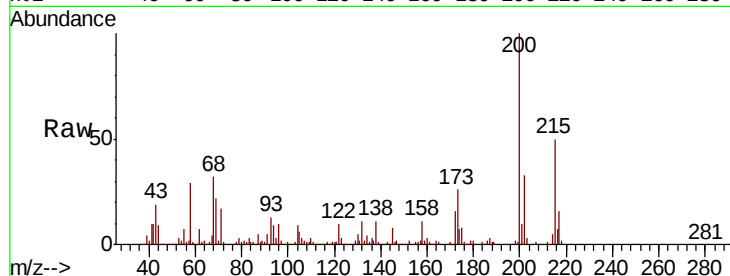
#69
Atrazine
Concen: 36.735 ng
RT: 16.47 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	4.6	44.6
215	49.6	28.5	68.5

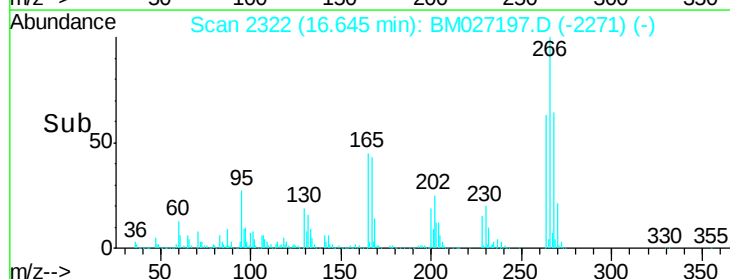
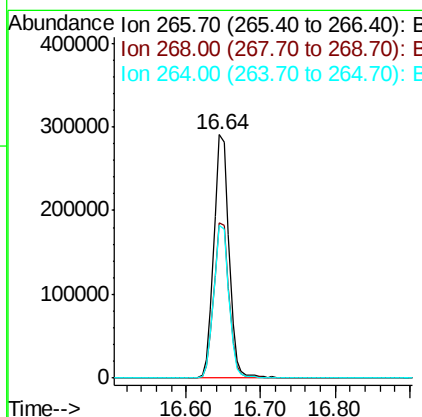
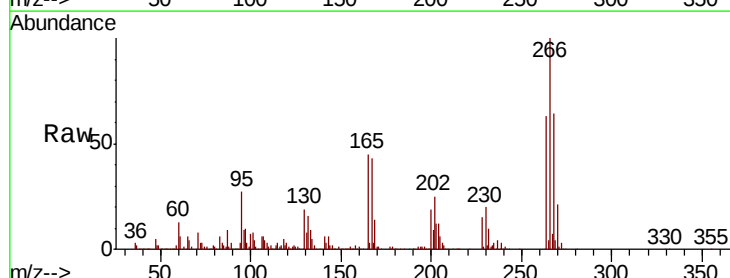
Manual Integrations
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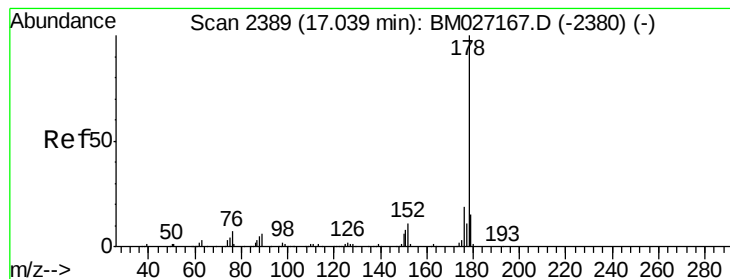
mohammad
8/25/2020 4:18:21 PM



#70
Pentachlorophenol
Concen: 92.767 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	50.2	75.2
264	62.8	49.1	73.7





#71

Phenanthrene

Concen: 39.155 ng

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

ClientSampleId :

PB131136BS

Tot Ion:178 Resp: 1242054

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

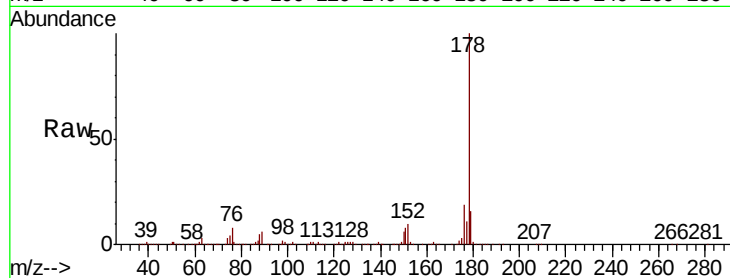
179 15.6 12.0 18.0

Manual Integrations

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mohammad

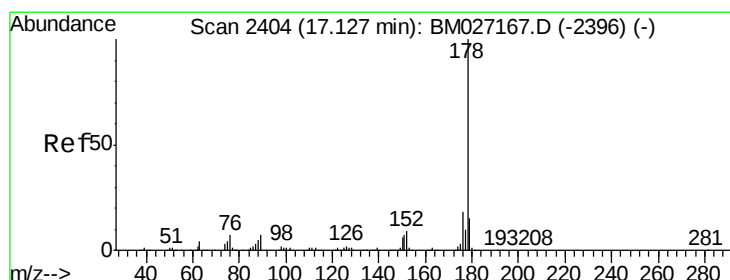
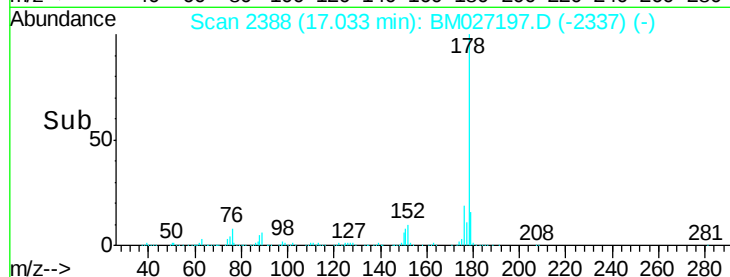
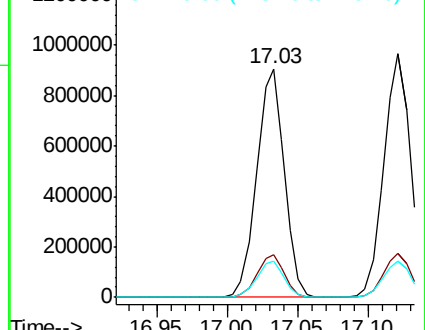
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.178 ng

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion:178 Resp: 1279033

Ion Ratio Lower Upper

178 100

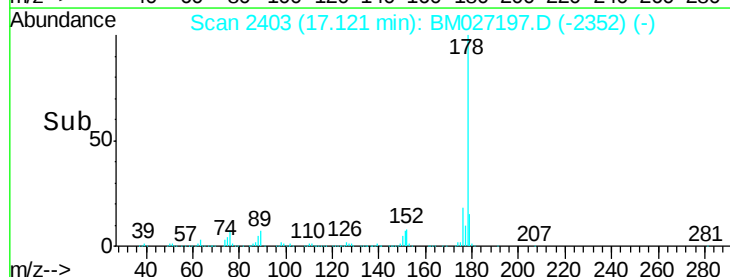
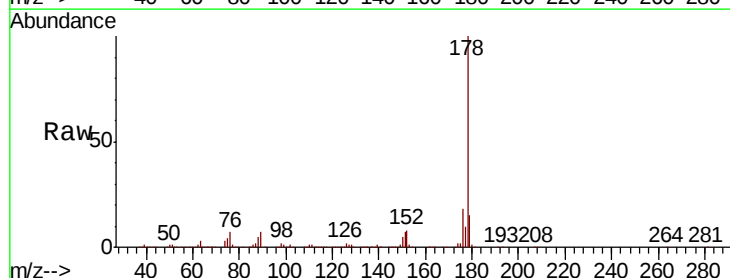
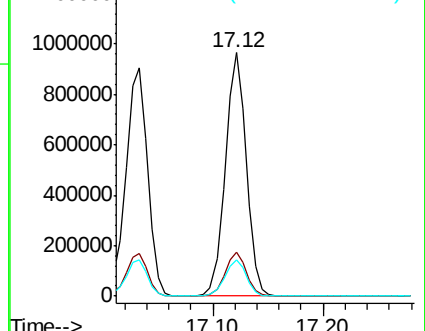
176 18.1 14.7 22.1

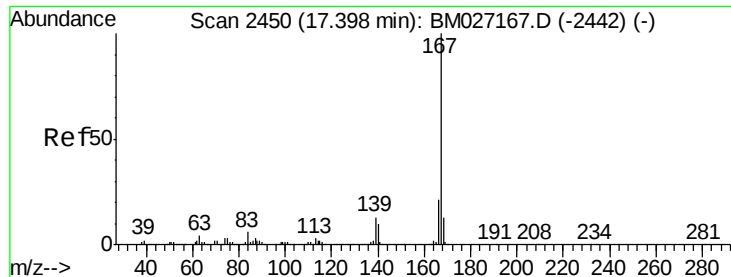
179 14.8 11.9 17.9

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





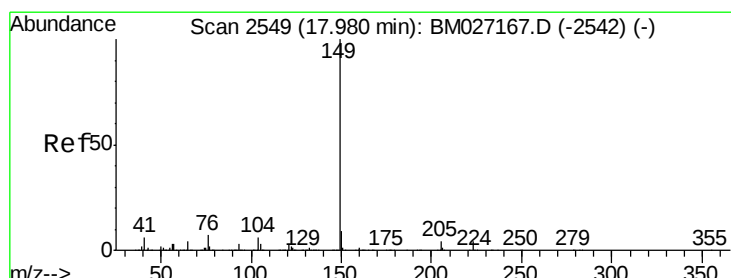
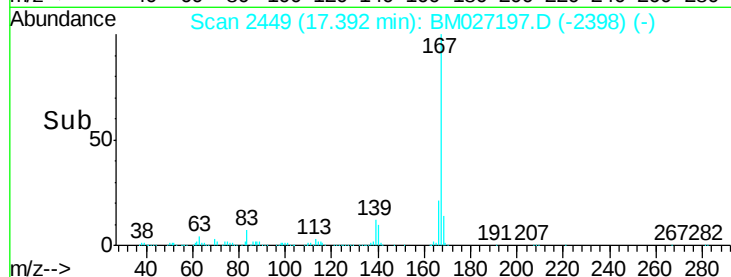
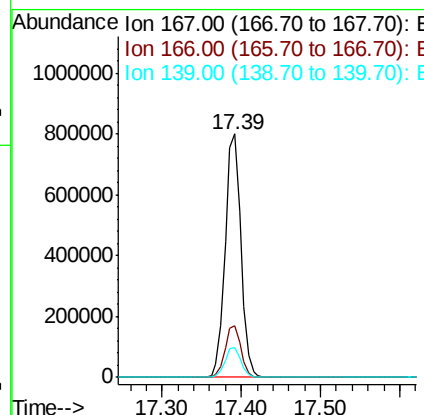
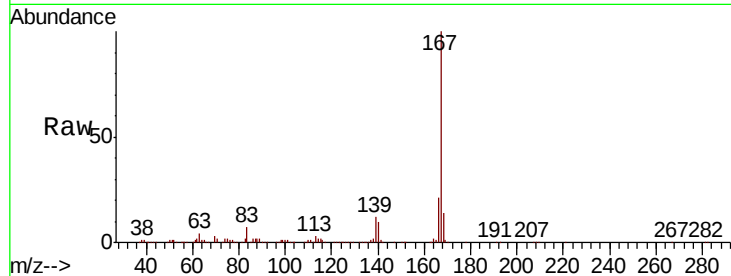
#73
 Carbazole
 Concen: 39.327 ng
 RT: 17.39 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.6	24.8
139	12.0	10.2	15.2

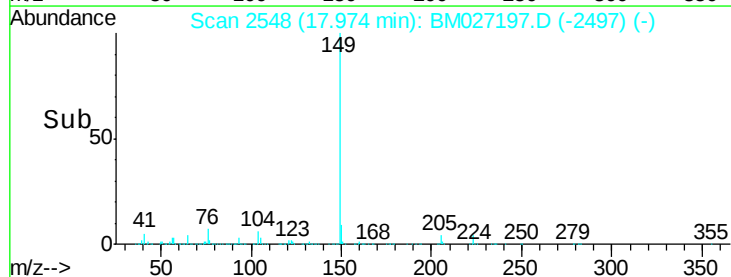
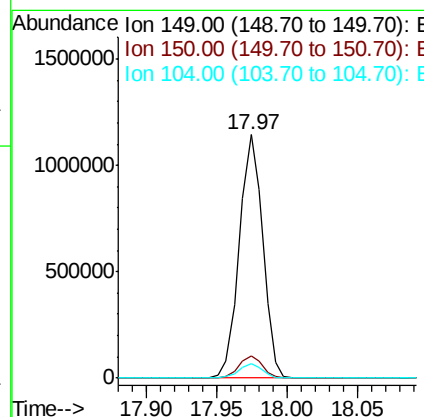
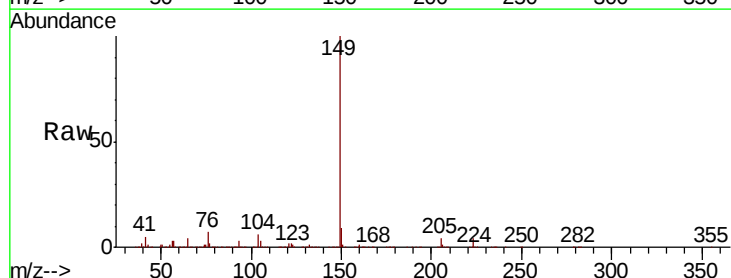
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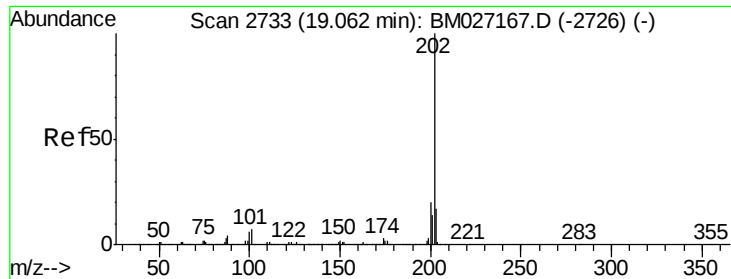
mohammad
 8/25/2020 4:18:21 PM



#74
 Di-n-butylphthalate
 Concen: 41.167 ng
 RT: 17.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.9	5.2	7.8





#75

Fluoranthene

Concen: 36.852 ng

RT: 19.05 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

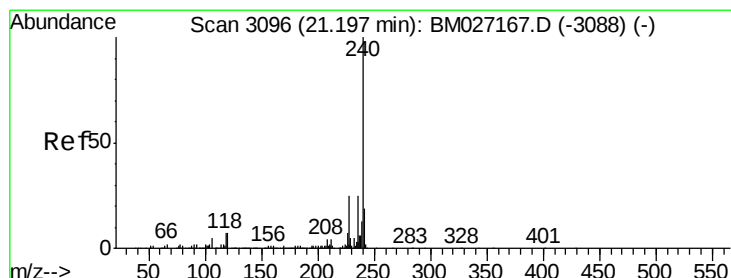
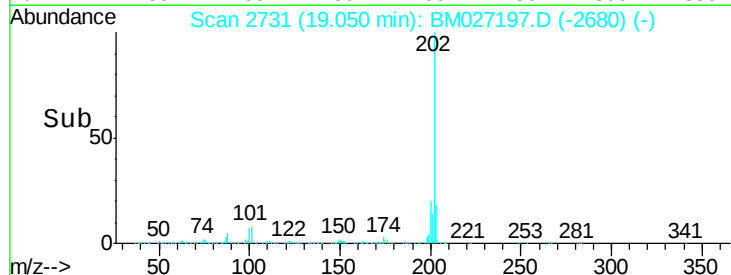
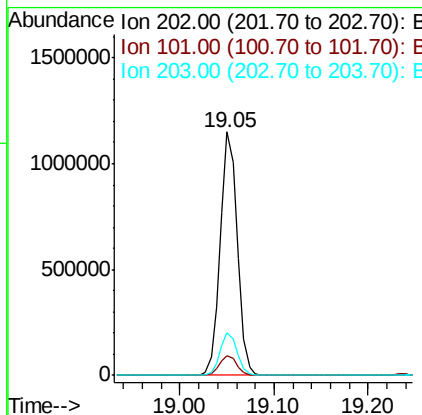
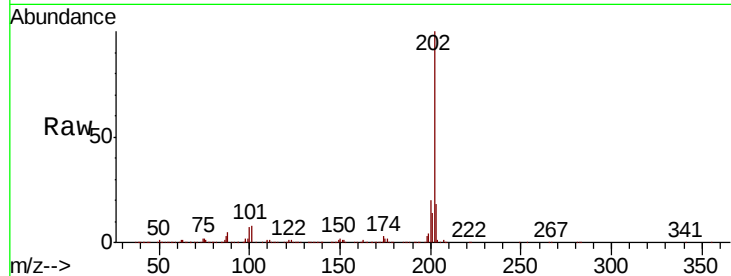
ClientSampleId :

PB131136BS

Tot Ion:	202	Resp:	1460254
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.2
203	17.7	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

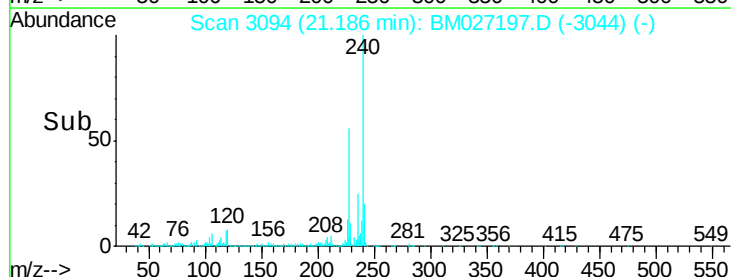
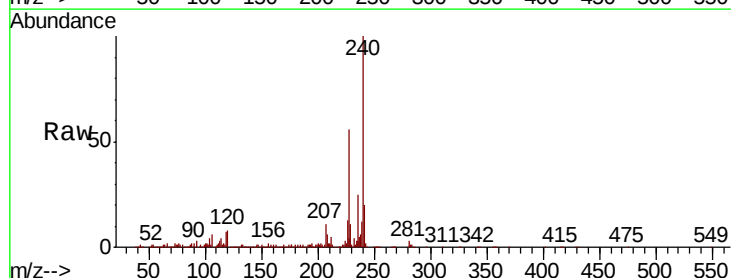
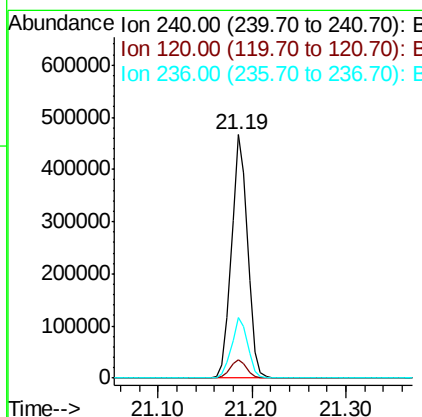
RT: 21.19 min Scan# 3094

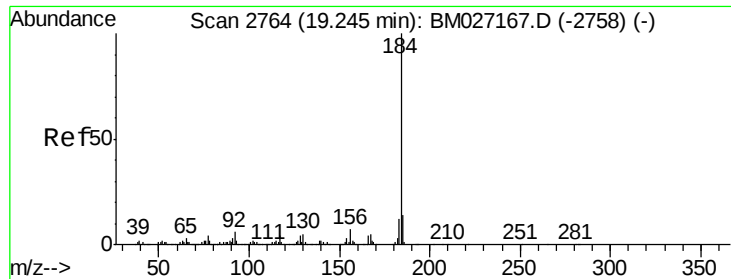
Delta R.T. -0.01 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Tgt Ion:	240	Resp:	552092
Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.6	8.4
236	24.7	19.8	29.6





#77

Benzidine

Concen: 97.116 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

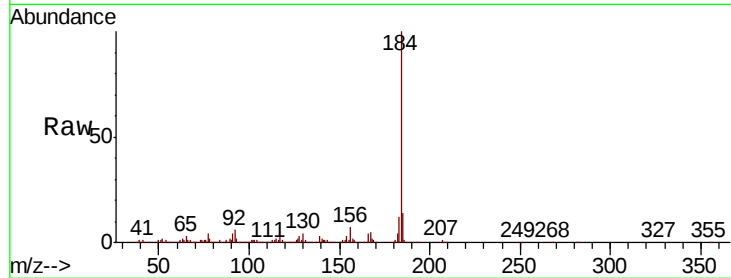
ClientSampleId :

PB131136BS

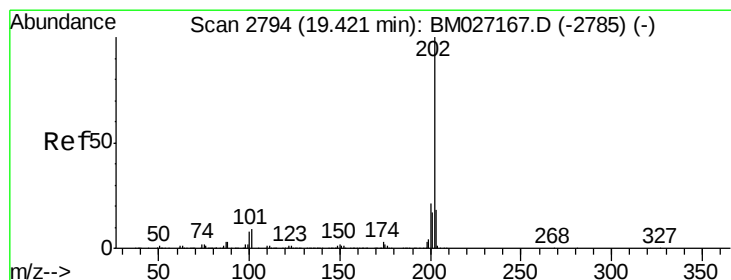
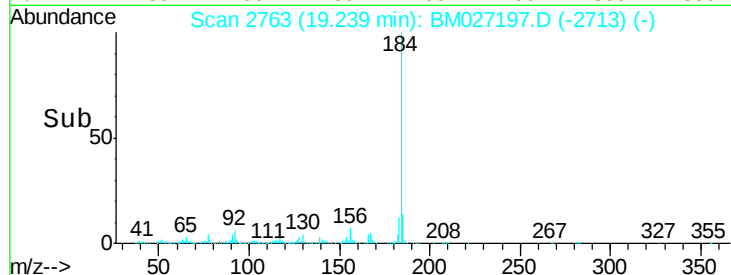
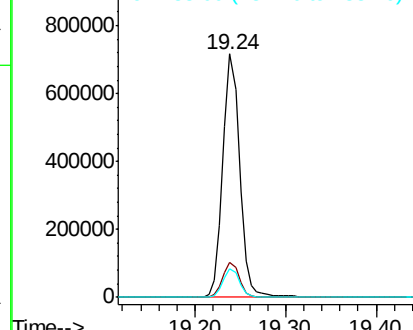
Tot Ion:	184	Resp:	930030
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.5	17.3
183	11.8	9.4	14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.841 ng

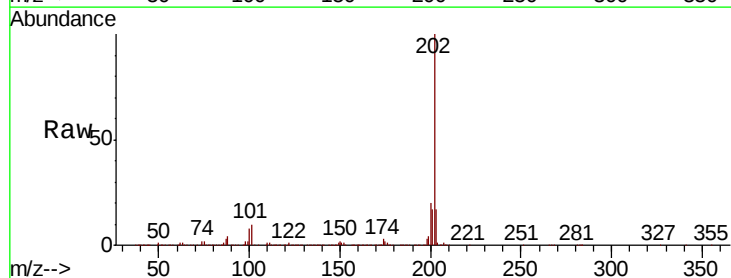
RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

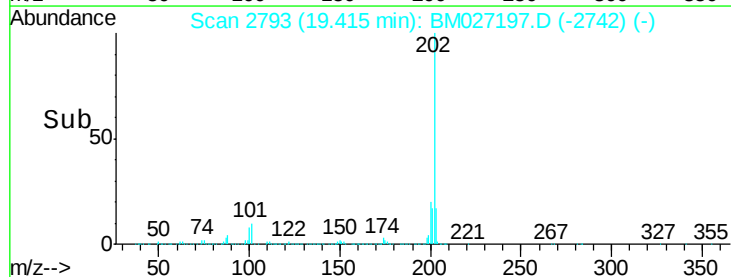
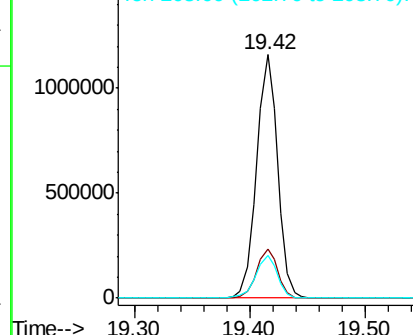
Lab File: BM027197.D

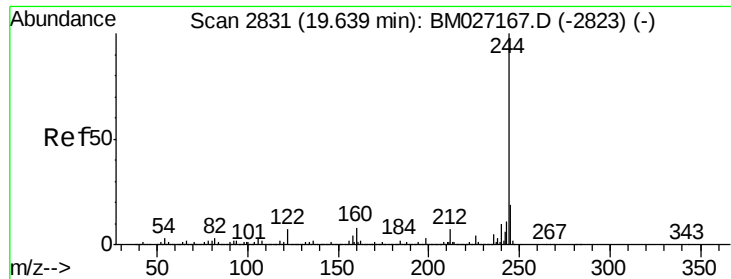
Acq: 24 Aug 2020 16:59

Tgt Ion:	202	Resp:	1472813
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.6	25.0
203	17.4	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.557 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

ClientSampleId :

PB131136BS

Tot Ion:244 Resp: 2055701

Ion Ratio Lower Upper

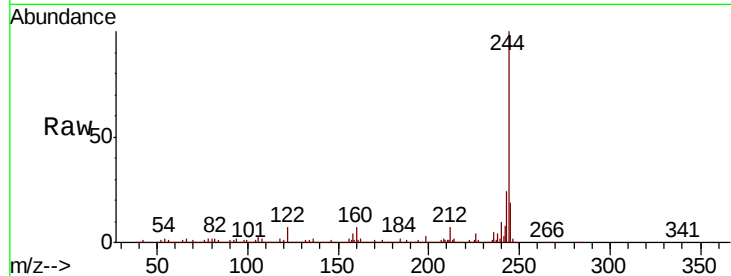
244 100

212 7.3 5.8 8.8

122 7.2 5.8 8.8

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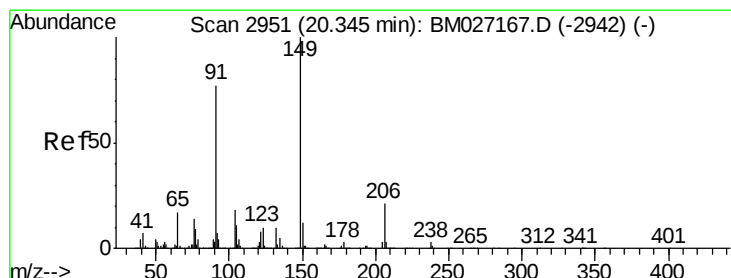
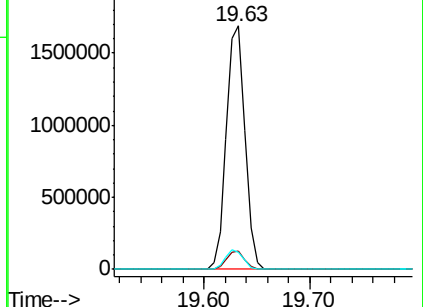
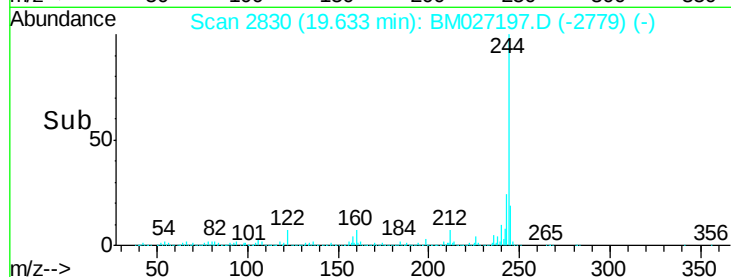
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.824 ng

RT: 20.34 min Scan# 2950

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

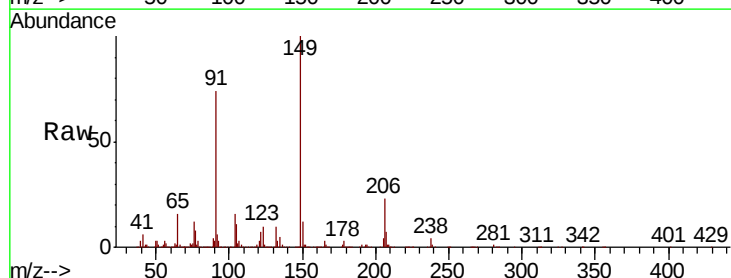
Tgt Ion:149 Resp: 562673

Ion Ratio Lower Upper

149 100

91 73.5 61.7 92.5

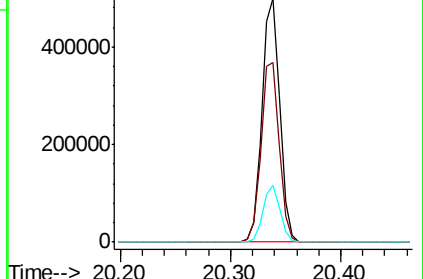
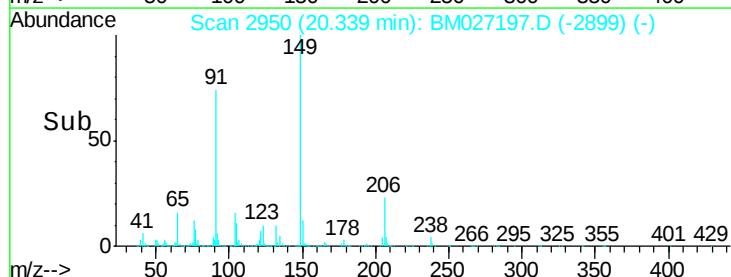
206 23.3 16.6 24.8

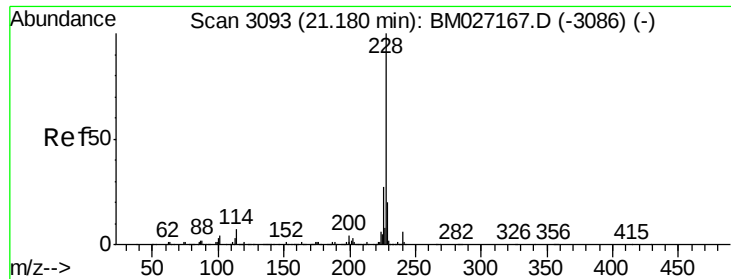


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.427 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

Instrument :

BNA_M

ClientSampleId :

PB131136BS

Tot Ion:228 Resp: 1446301

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.5	15.8	23.6

228 100

226 26.8 21.4 32.2

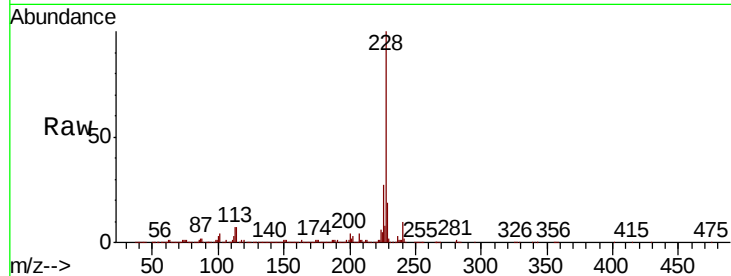
229 19.5 15.8 23.6

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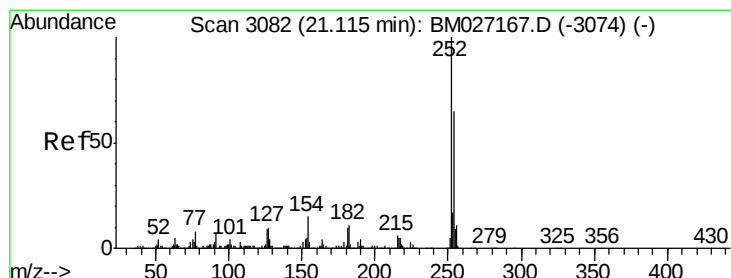
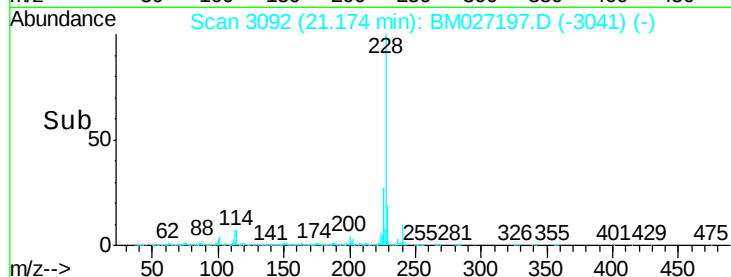
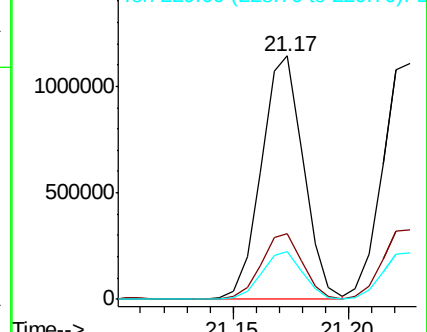


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.375 ng

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027197.D

Acq: 24 Aug 2020 16:59

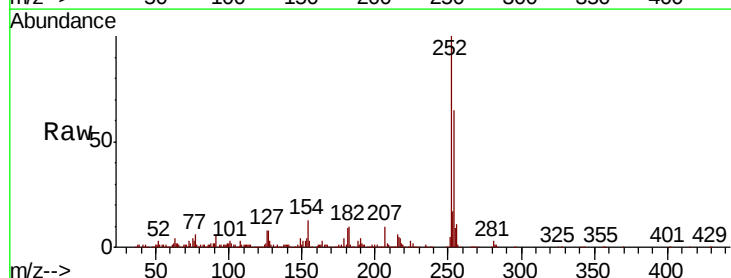
Tgt Ion:252 Resp: 503381

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.3	78.5
126	8.4	7.1	10.7

252 100

254 65.3 52.3 78.5

126 8.4 7.1 10.7

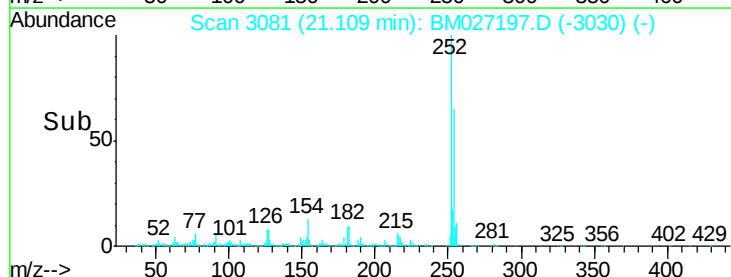
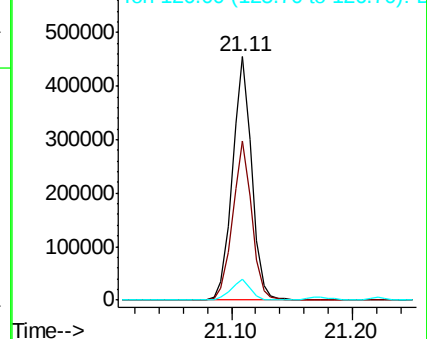


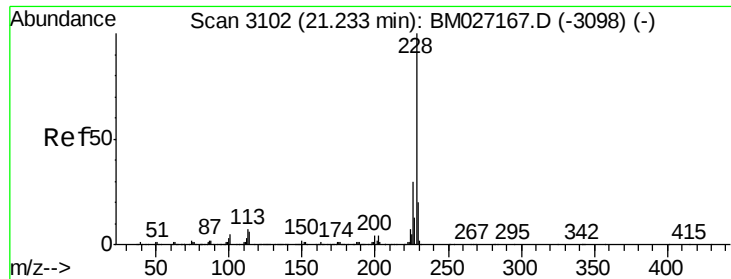
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





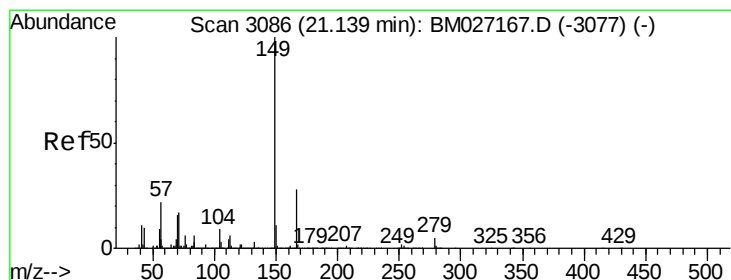
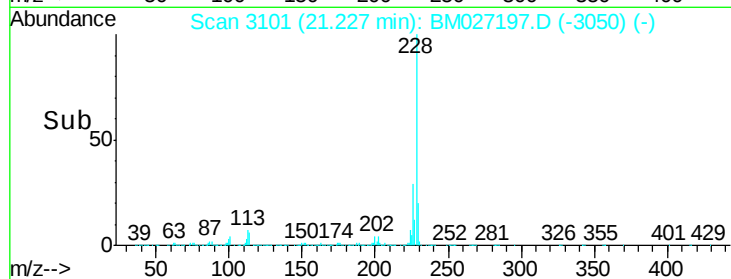
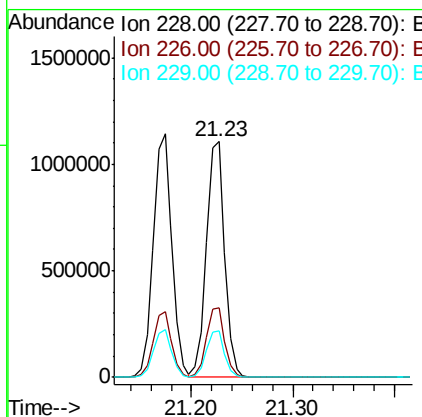
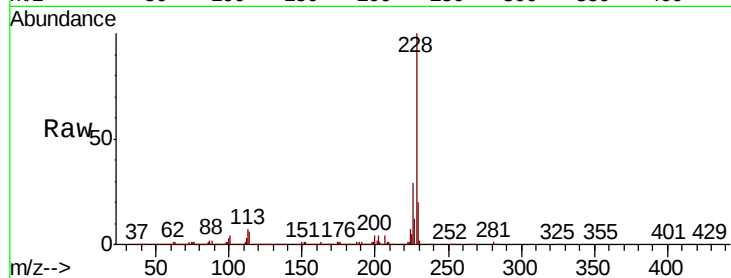
#83
 Chrysene
 Concen: 39.676 ng
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleID :
 PB131136BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	19.8	15.8	23.8

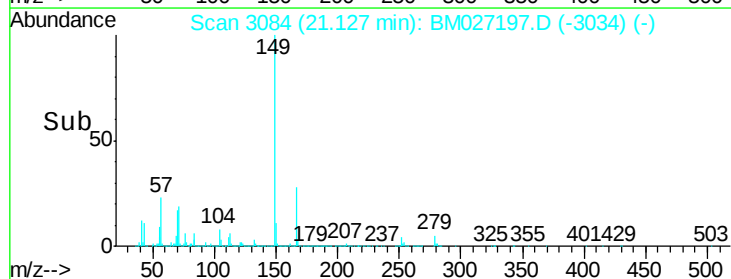
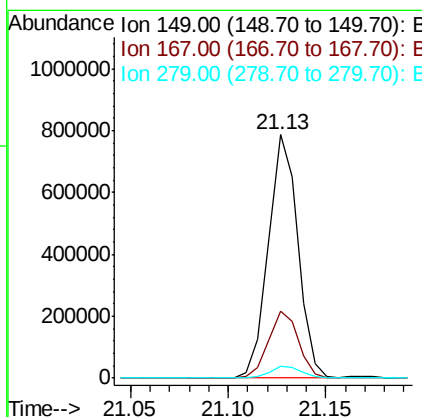
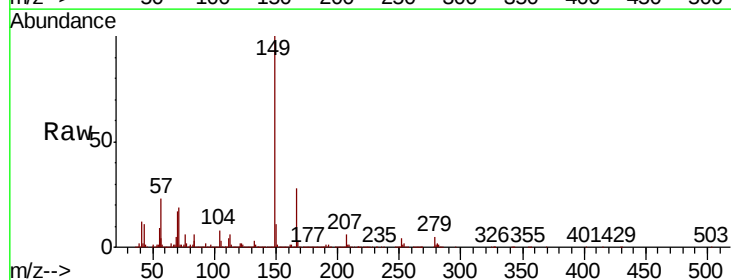
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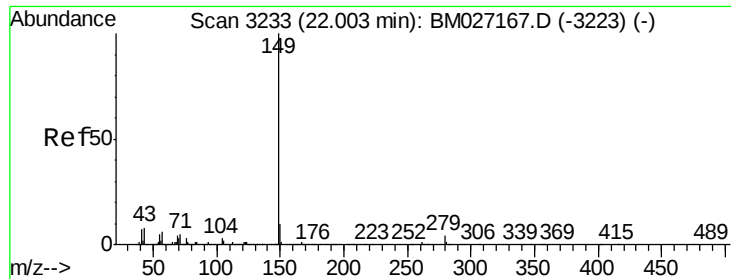
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.157 ng
 RT: 21.13 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	4.8	4.2	6.4





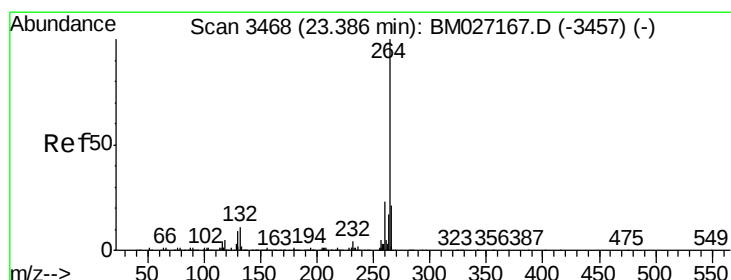
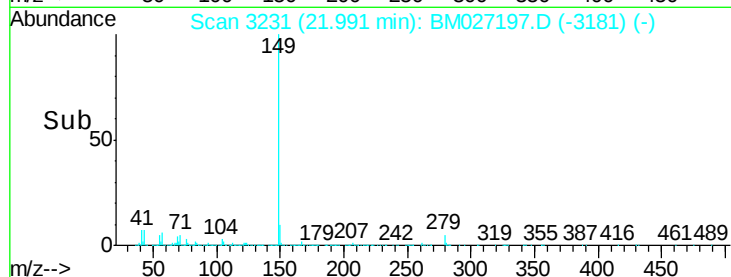
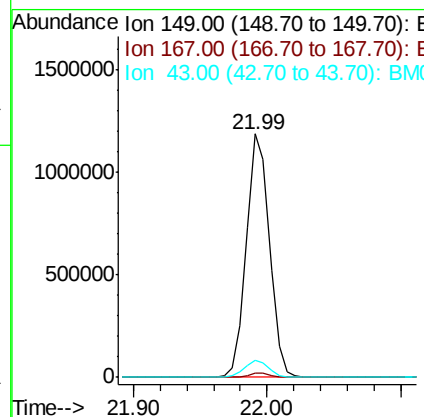
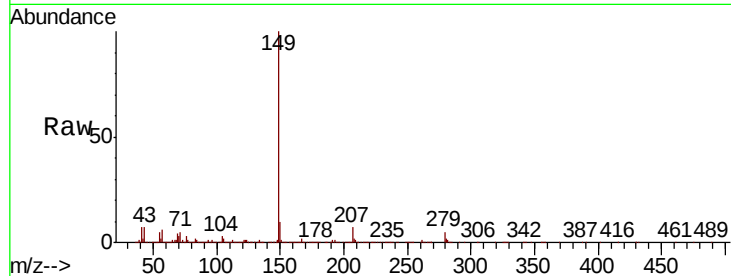
#85
Di-n-octyl phthalate
Concen: 48.824 ng
RT: 21.99 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	149	Resp	1407719
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.1	6.1	9.1

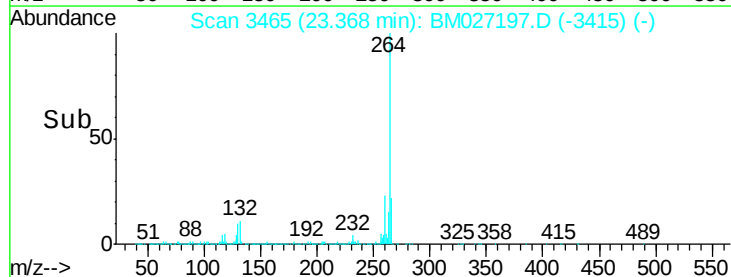
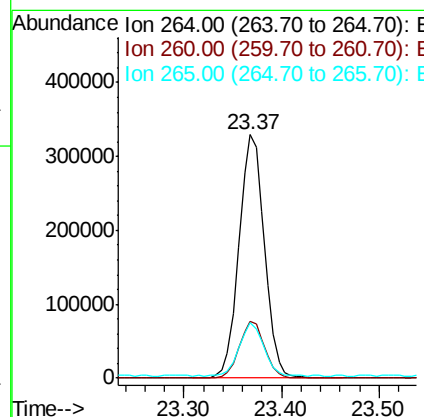
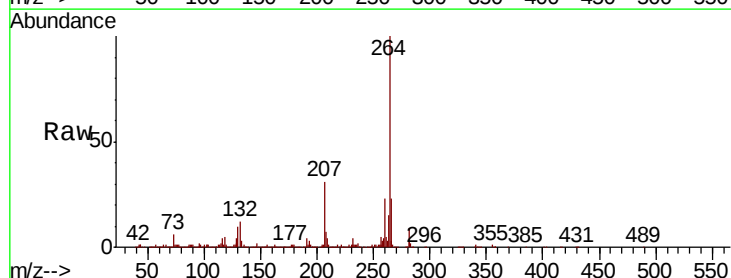
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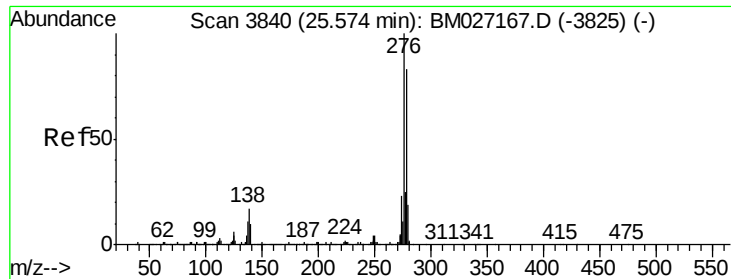
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	264	Resp	595379
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.8	17.5	26.3





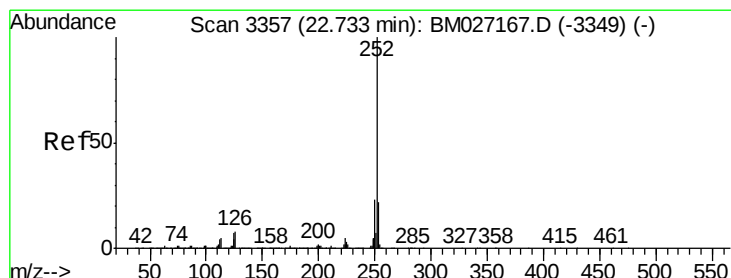
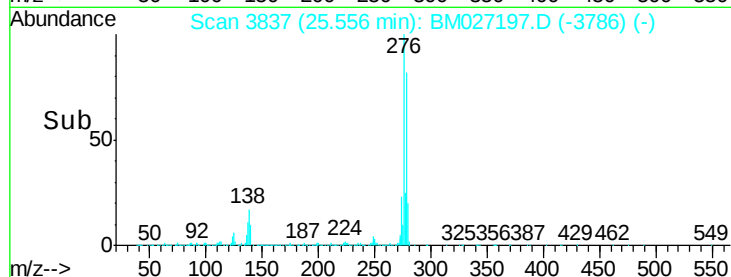
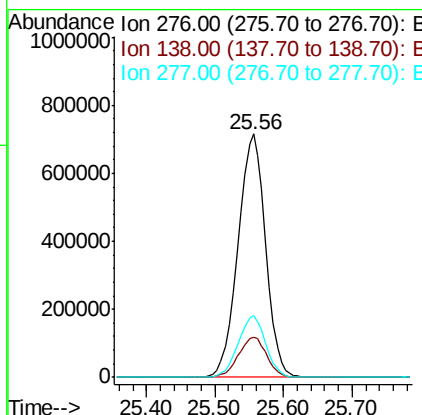
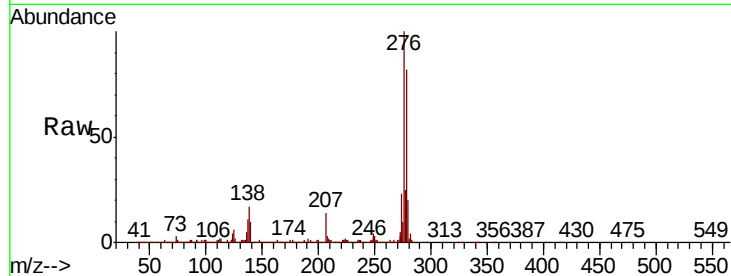
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.808 ng
 RT: 25.56 min Scan# 3837
 Delta R.T. 0.00 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.3	19.9
277	25.4	20.0	30.0

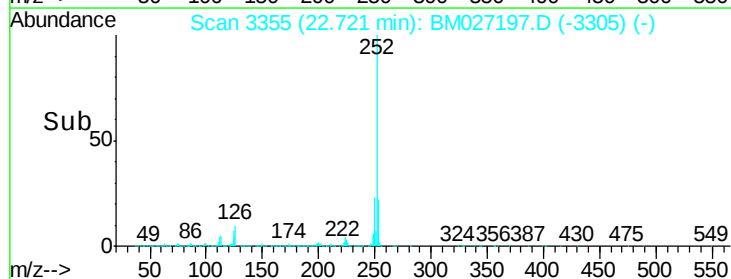
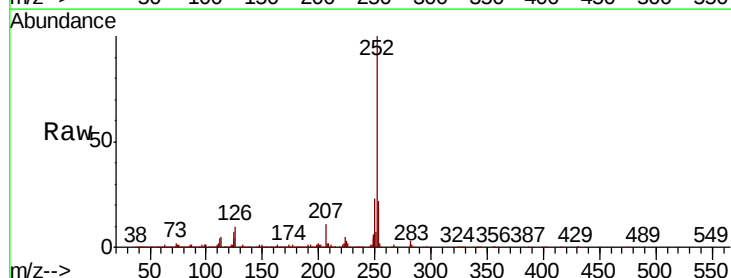
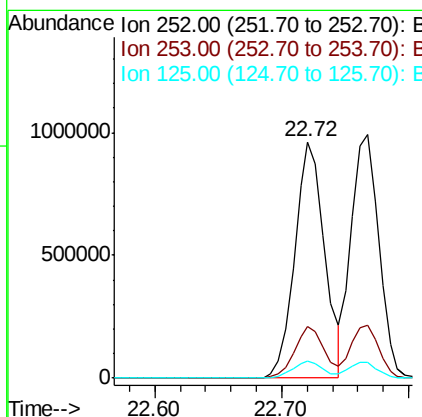
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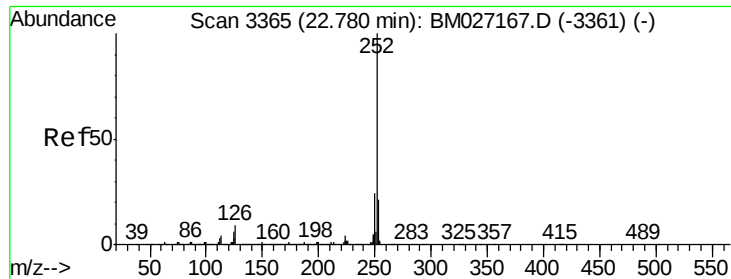
mohammad
 8/25/2020 4:18:21 PM



#88
 Benzo(b)fluoranthene
 Concen: 39.584 ng
 RT: 22.72 min Scan# 3355
 Delta R.T. -0.01 min
 Lab File: BM027197.D
 Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.0	5.4	8.0





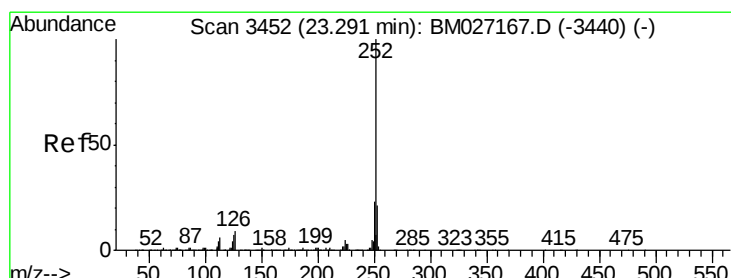
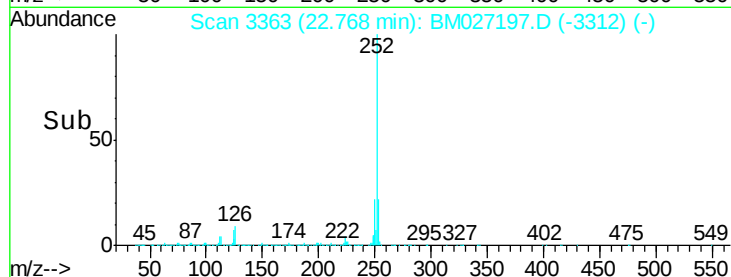
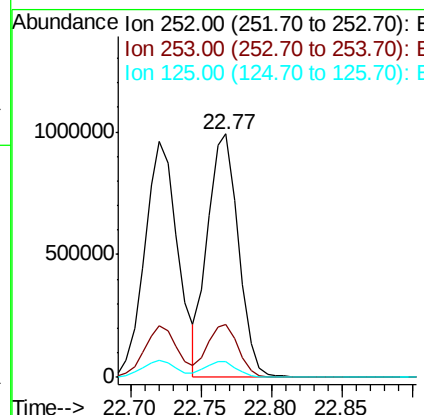
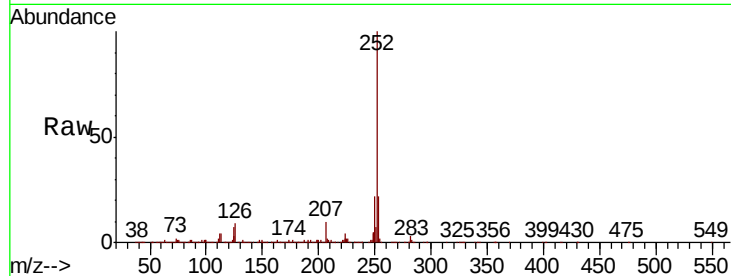
#89
Benzo(k)fluoranthene
Concen: 38.499 ng
RT: 22.77 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	6.6	5.3	7.9

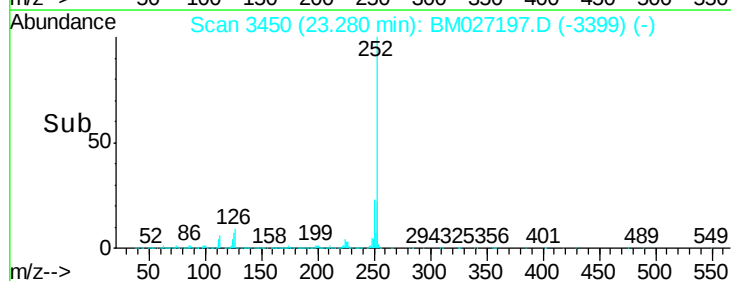
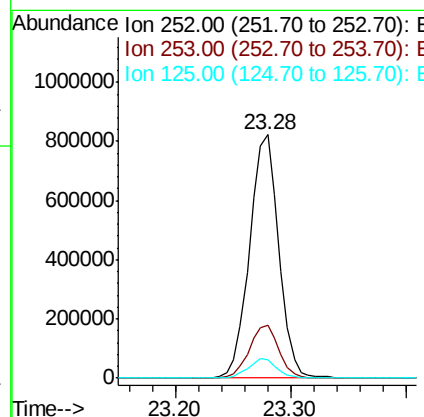
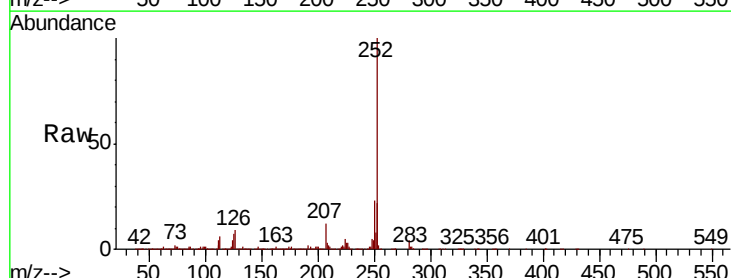
Manual Integrations
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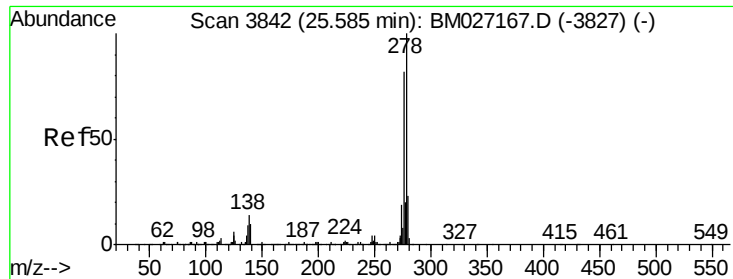
mohammad
8/25/2020 4:18:21 PM



#90
Benzo(a)pyrene
Concen: 39.789 ng
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.3	5.8	8.6





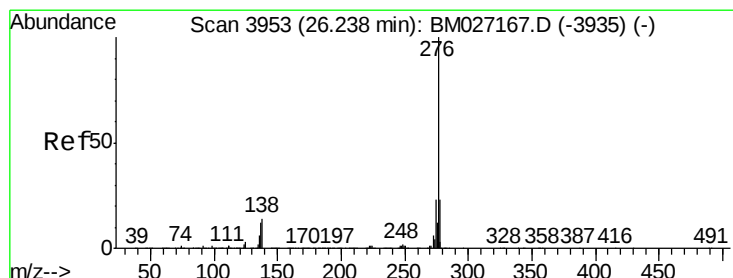
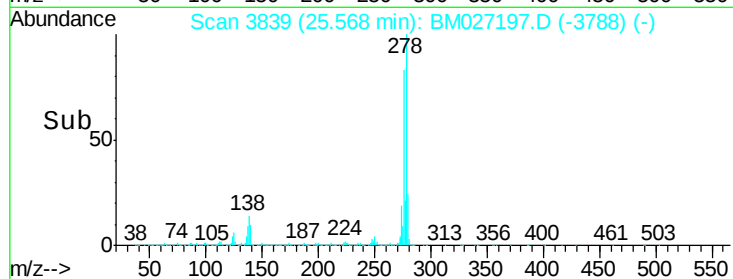
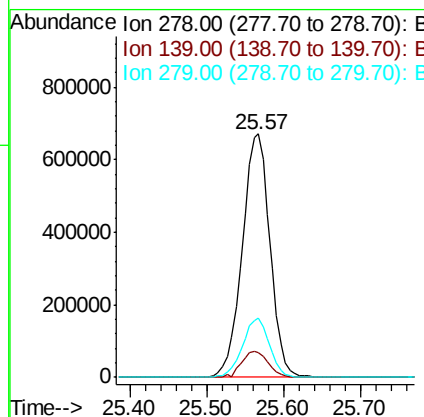
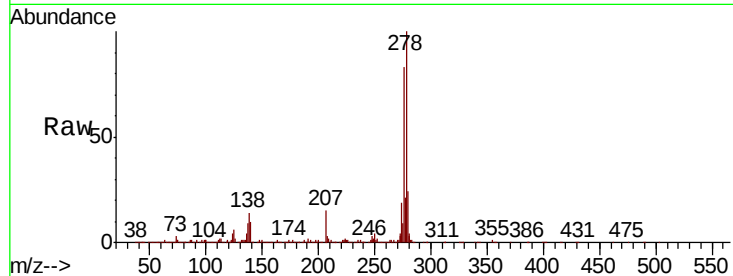
#91
Dibenzo(a,h)anthracene
Concen: 43.616 ng
RT: 25.57 min Scan# 3839
Delta R.T. 0.00 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.2
279	24.1	18.2	27.4

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:21 PM



#92
Benzo(g,h,i)perylene
Concen: 45.166 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BM027197.D
Acq: 24 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	14.8	11.4	17.0

