

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020109.D
 Acq On : 03 May 2019 13:28
 Operator : JU/SJ
 Sample : PB119431BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

Manual Integrations
 APPROVED

mohammad
 5/7/2019 11:59:00 PM

Quant Time: May 04 04:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	182432	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	681637	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	402394	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	897312	20.00	ng	0.00
76) Chrysene-d12	21.36	240	754674	20.00	ng	-0.01
87) Perylene-d12	23.64	264	604088	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1557457	139.55	ng	0.00
7) Phenol-d6	6.96	99	2084271	136.70	ng	0.00
23) Nitrobenzene-d5	8.96	82	1298986	75.24	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	838449	134.24	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2546846	77.87	ng	0.00
79) Terphenyl-d14	19.80	244	3713772	85.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	167954	30.683	ng	95
3) Pyridine	3.70	79	426948	30.498	ng	99
4) n-Nitrosodimethylamine	3.62	42	170665	38.017	ng	80
6) Aniline	7.13	93	586609	30.563	ng	98
8) 2-Chlorophenol	7.35	128	473821	38.990	ng	98
9) Benzaldehyde	6.94	77	239201	20.728	ng	97
10) Phenol	6.98	94	639892	38.985	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	447085	37.476	ng	98
12) 1,3-Dichlorobenzene	7.67	146	509695	36.049	ng	97
13) 1,4-Dichlorobenzene	7.82	146	524712	36.736	ng	95
14) 1,2-Dichlorobenzene	8.14	146	506153	37.195	ng	97
15) Benzyl Alcohol	8.03	79	544614	37.043	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	340294	34.400	ng	97
17) 2-Methylphenol	8.22	107	410652	38.865	ng	97
18) Hexachloroethane	8.86	117	213005	35.766	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	468930	35.948	ng	96
20) 3+4-Methylphenols	8.55	107	538843	38.371	ng	98
22) Acetophenone	8.62	105	759338	40.761	ng	# 97
24) Nitrobenzene	9.00	77	678529	37.904	ng	98
25) Isophorone	9.52	82	1140487	38.305	ng	99
26) 2-Nitrophenol	9.70	139	230873	42.719	ng	99
27) 2,4-Dimethylphenol	9.75	122	416305	46.269	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	629389	38.813	ng	99
29) 2,4-Dichlorophenol	10.23	162	469618	41.392	ng	97
30) 1,2,4-Trichlorobenzene	10.44	180	555927	39.822	ng	97
31) Naphthalene	10.63	128	1375929	38.898	ng	99
32) Benzoic acid	9.89	122	240871	39.055	ng	94
33) 4-Chloroaniline	10.75	127	328720	22.579	ng	96
34) Hexachlorobutadiene	10.90	225	379730	38.452	ng	95
35) Caprolactam	11.54	113	126352m	37.245	ng	
36) 4-Chloro-3-methylphenol	11.86	107	500826	37.564	ng	98
37) 2-Methylnaphthalene	12.25	142	1024465	39.727	ng	98
38) 1-Methylnaphthalene	12.46	142	964252	38.238	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	665046	42.243	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	804583	86.798	nq	99
43) 2,4,6-Trichlorophenol	12.85	196	395751	44.231	nq	97
44) 2,4,5-Trichlorophenol	12.92	196	425051	42.525	nq	96
46) 1,1'-Biphenyl	13.26	154	1330519	40.172	nq	99
47) 2-Chloronaphthalene	13.30	162	1068697	40.413	nq	99
48) 2-Nitroaniline	13.52	65	357916	38.017	nq	95
49) Acenaphthylene	14.15	152	1610498	38.054	nq	99
50) Dimethylphthalate	13.89	163	1279606	37.415	nq	99
51) 2,6-Dinitrotoluene	14.02	165	276355	38.365	nq	94
52) Acenaphthene	14.50	154	941884	38.809	nq	98
53) 3-Nitroaniline	14.34	138	173357	25.930	nq	97
54) 2,4-Dinitrophenol	14.55	184	323965	88.751	nq	95
55) Dibenzofuran	14.83	168	1565214	38.235	nq	98
56) 4-Nitrophenol	14.64	139	423968	74.326	nq	96
57) 2,4-Dinitrotoluene	14.80	165	369903	37.792	nq	94
58) Fluorene	15.48	166	1264338	37.606	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	389497	41.006	nq	97
60) Diethylphthalate	15.26	149	1254544	36.410	nq	99
61) 4-Chlorophenyl-phenylether	15.47	204	736736	38.675	nq	97
62) 4-Nitroaniline	15.51	138	243567	33.012	nq	97
63) Azobenzene	15.77	77	1459627	35.908	nq	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	188612	42.605	nq	100
66) n-Nitrosodiphenylamine	15.69	169	1087080	41.171	nq	98
67) 4-Bromophenyl-phenylether	16.37	248	447857	40.702	nq	97
68) Hexachlorobenzene	16.47	284	504435	39.838	nq	97
69) Atrazine	16.64	200	378989	36.729	nq	99
70) Pentachlorophenol	16.82	266	619518	85.513	nq	97
71) Phenanthrene	17.22	178	1912732	38.616	nq	99
72) Anthracene	17.31	178	1930331	38.978	nq	99
73) Carbazole	17.58	167	1627472	36.420	nq	98
74) Di-n-butylphthalate	18.14	149	1946905	36.203	nq	98
75) Fluoranthene	19.23	202	2211932	35.294	nq	99
77) Benzidine	19.43	184	626632	25.972	nq	99
78) Pyrene	19.60	202	2218706	43.789	nq	100
80) Butylbenzylphthalate	20.50	149	781895	42.435	nq	99
81) Benzo(a)anthracene	21.34	228	1995424	37.703	nq	99
82) 3,3'-Dichlorobenzidine	21.28	252	698840	34.596	nq	100
83) Chrysene	21.40	228	1973554	38.450	nq	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	1094421	38.278	nq	100
85) Di-n-octyl phthalate	22.16	149	1749483	36.815	nq	99
86) Indeno(1,2,3-cd)pyrene	25.97	276	2169015	35.526	nq	# 100
88) Benzo(b)fluoranthene	22.95	252	1958343	49.093	nq	100
89) Benzo(k)fluoranthene	23.00	252	1876156	51.560	nq	99
90) Benzo(a)pyrene	23.54	252	1830858	50.529	nq	99
91) Dibenzo(a,h)anthracene	25.98	278	1865577	49.509	nq	99
92) Benzo(g,h,i)perylene	26.69	276	1793706	50.139	nq	98

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

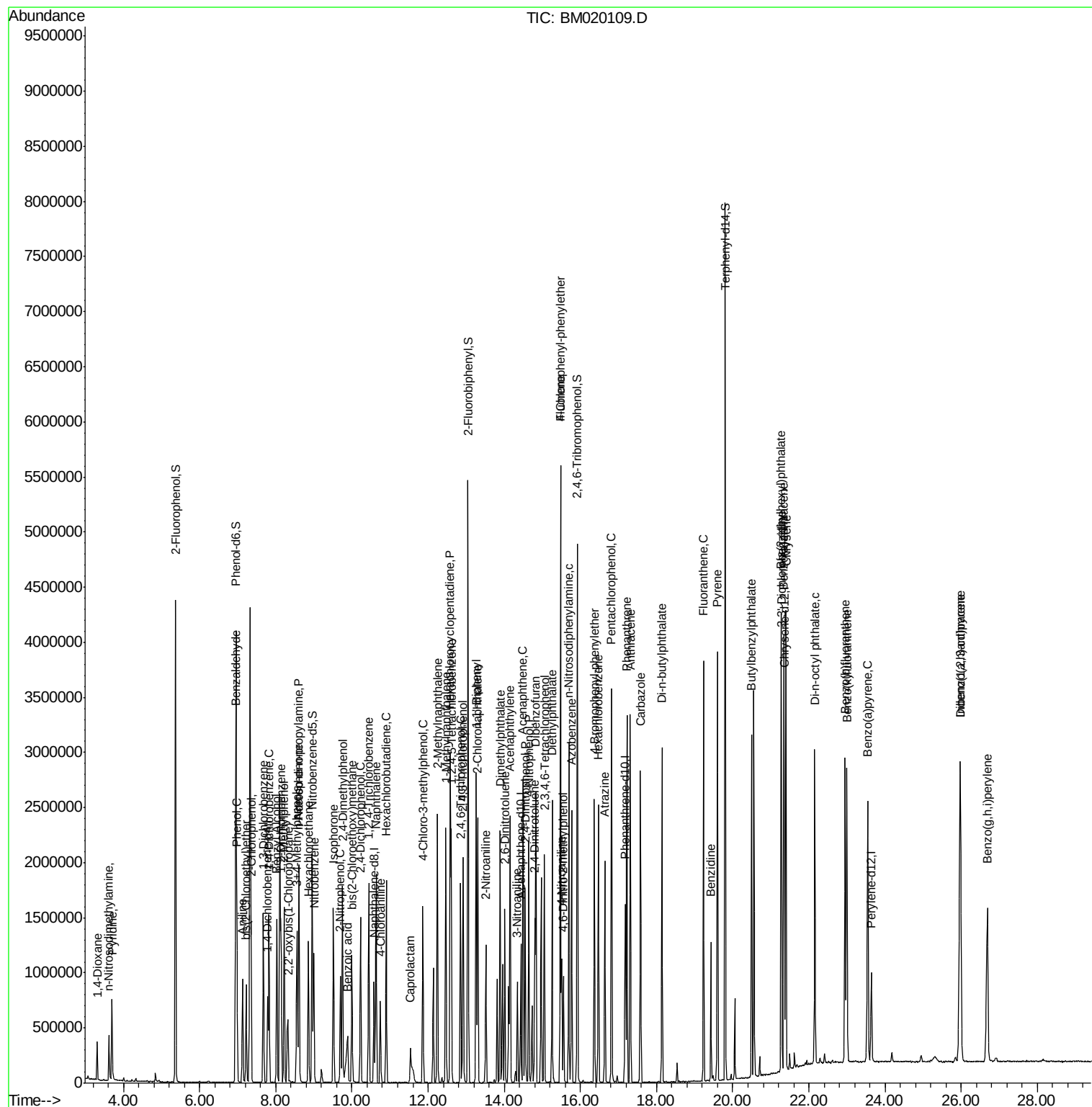
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Data File : BM020109.D
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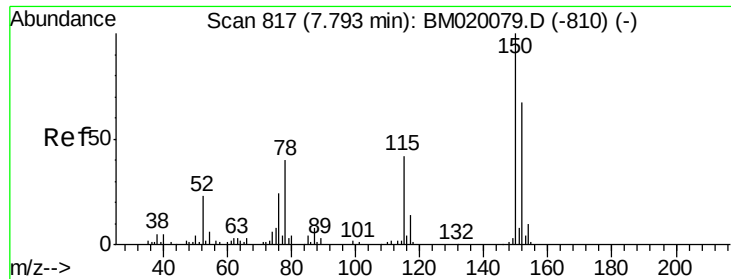
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#1

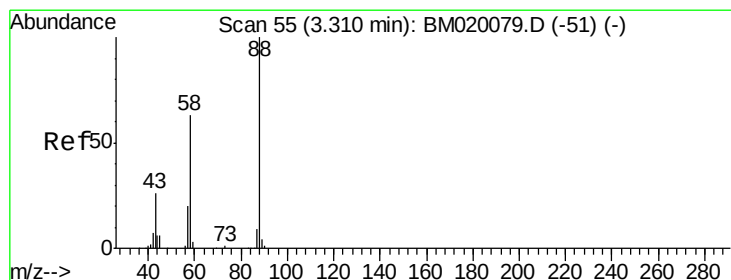
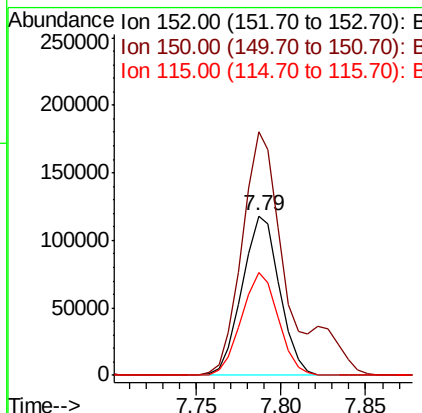
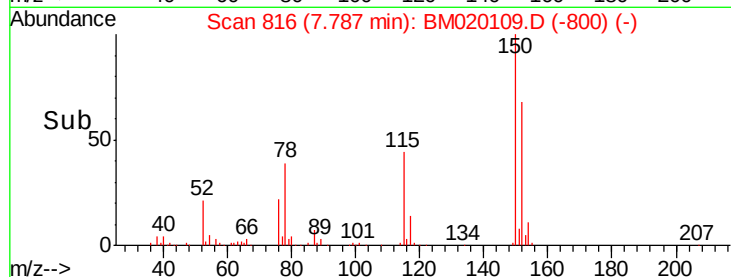
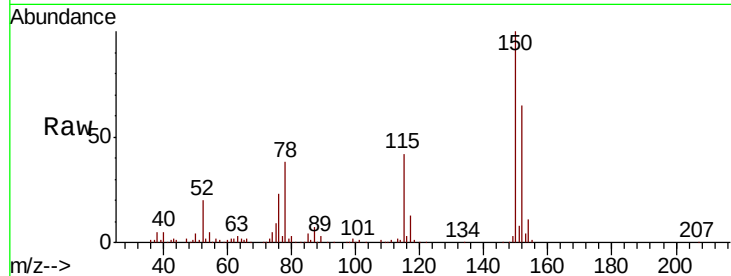
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleID :
PB119431BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.8	179.8
115	64.9	50.8	76.2

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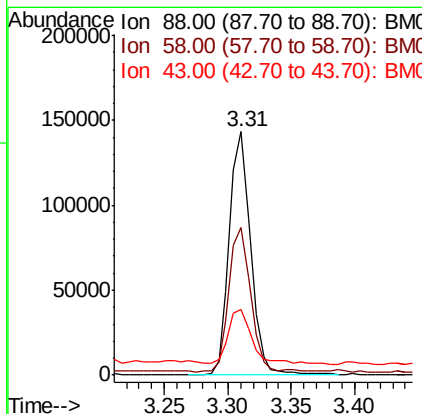
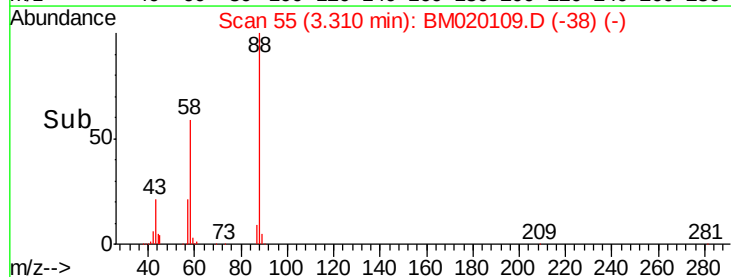
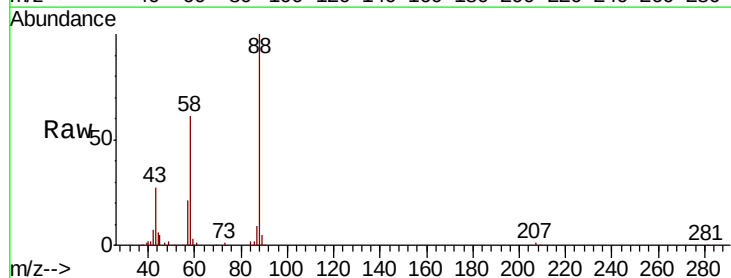
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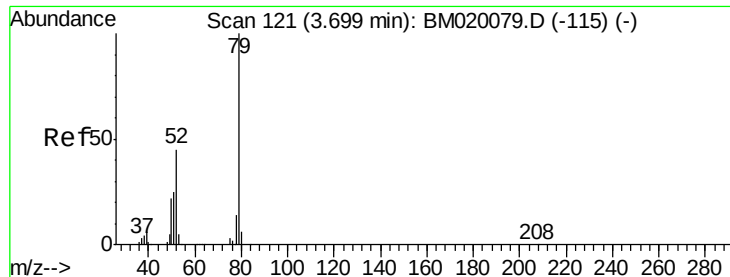


#2

1,4-Dioxane
Concen: 30.683 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.0	51.8	77.6
43	26.0	20.3	30.5





#3

Pvridine

Concen: 30.498 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

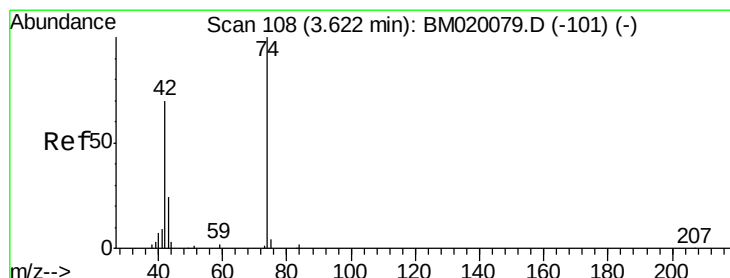
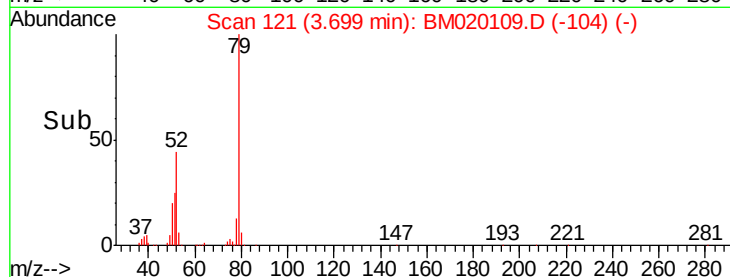
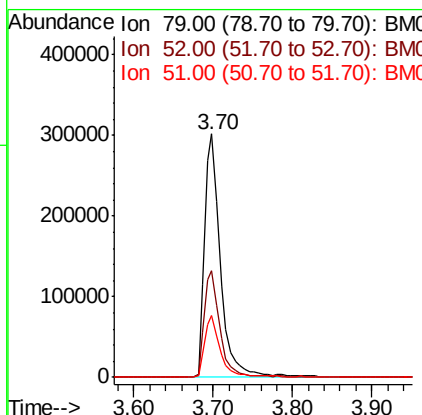
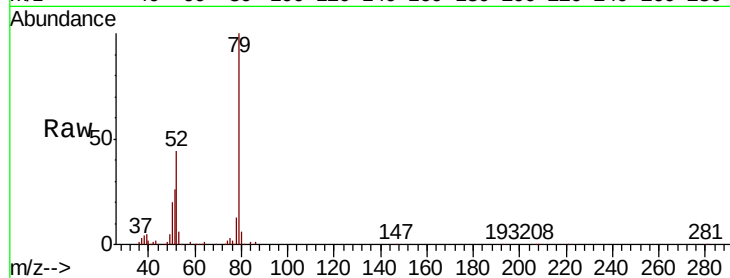
ClientSampleId :

PB119431BS

Tot Ion:	79	Resp:	426948
Ion	Ratio	Lower	Upper
79	100		
52	43.8	35.7	53.5
51	25.5	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 38.017 ng

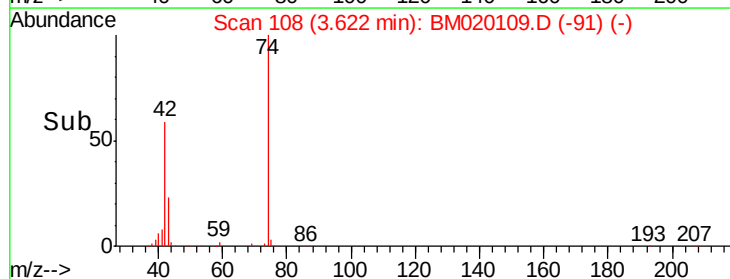
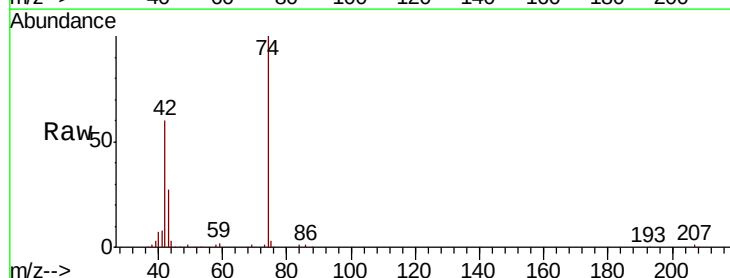
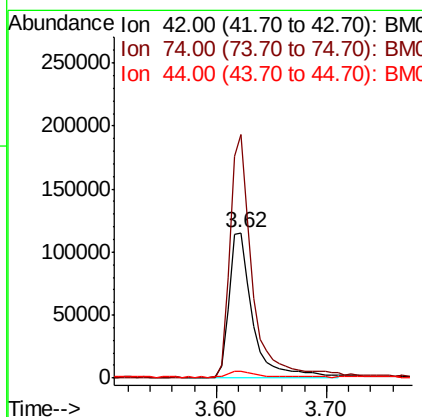
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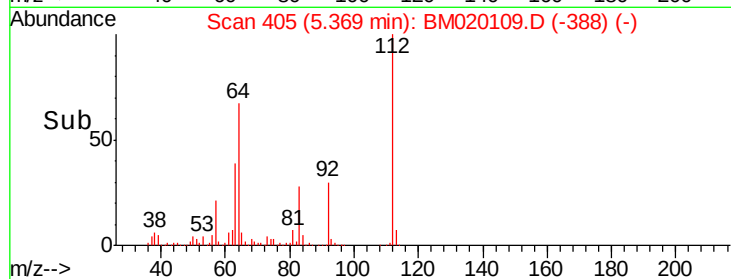
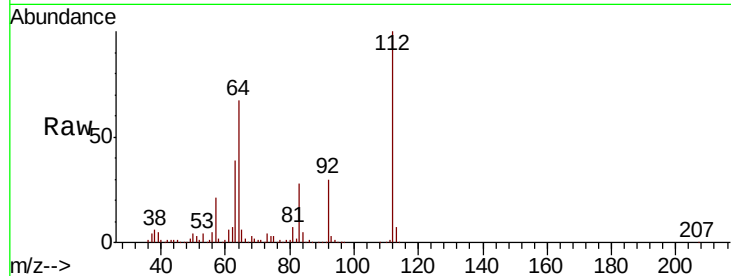
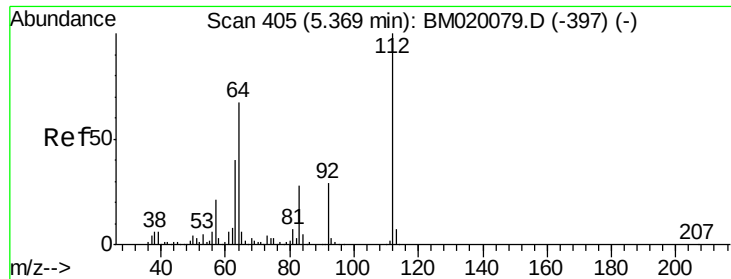
Delta R.T. -0.00 min

Lab File: BM020109.D

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Tgt Ion:	42	Resp:	170665
Ion	Ratio	Lower	Upper
42	100		
74	167.6	113.7	170.5
44	5.0	3.9	5.9





#5

2-Fluorophenol

Concen: 139.548 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tot Ion	112	Resp	1557457
Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.8	80.6
63	38.9	32.3	48.5

Instrument :

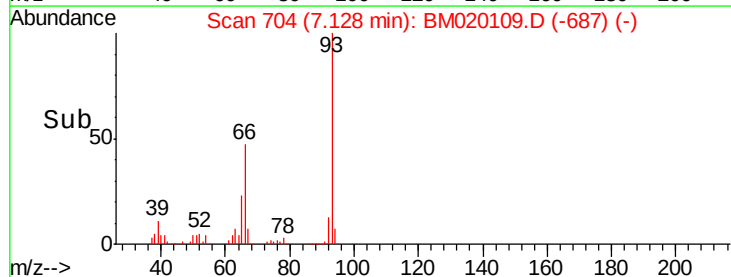
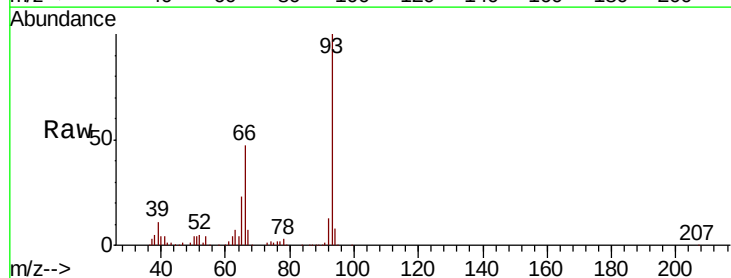
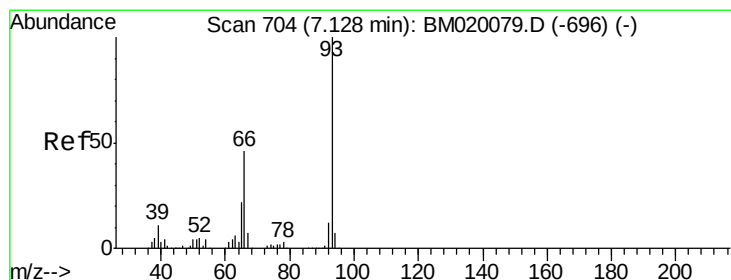
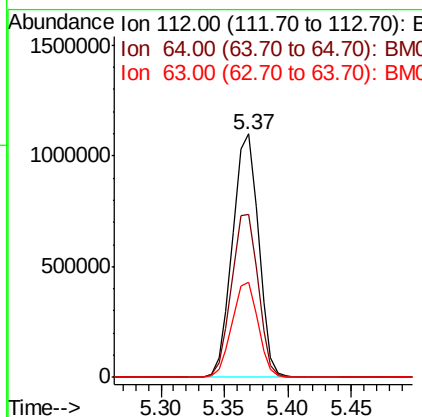
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#6

Aniline

Concen: 30.563 ng

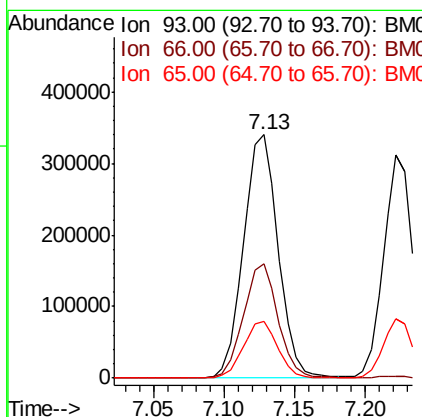
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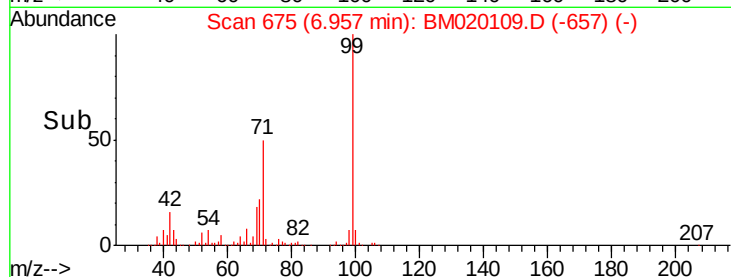
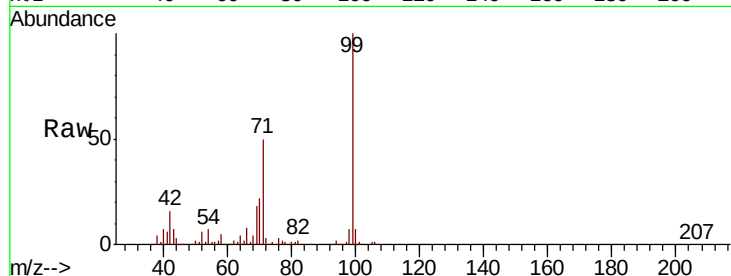
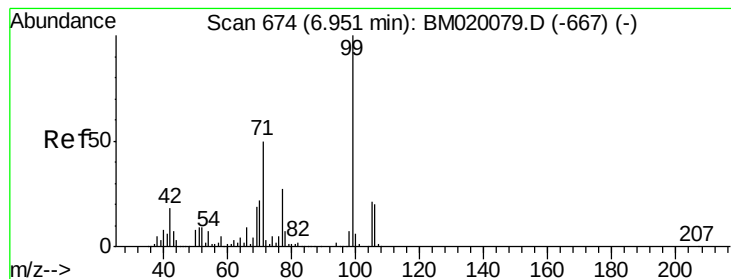
Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion	93	Resp	586609
Ion	Ratio	Lower	Upper
93	100		
66	46.8	36.6	54.8
65	23.1	17.8	26.6





#7

Phenol-d6

Concen: 136.700 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tot Ion:	99	Resp:	2084271
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.2	21.2
71	49.9	40.3	60.5

Instrument :

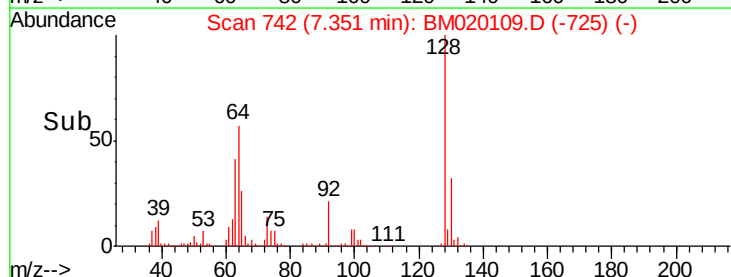
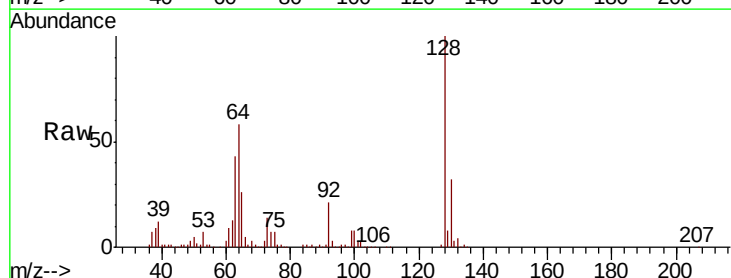
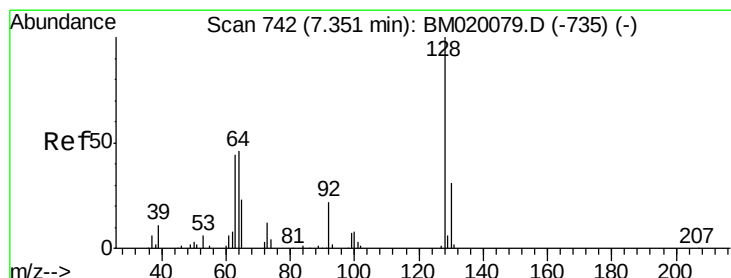
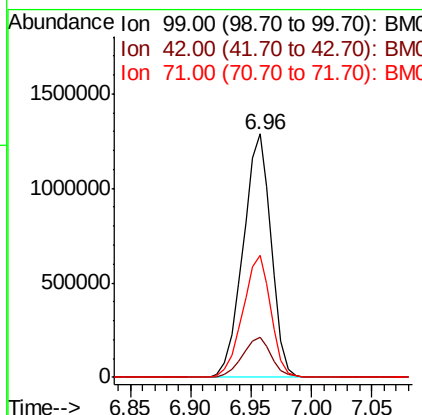
BNA_M

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#8

2-Chlorophenol

Concen: 38.990 ng

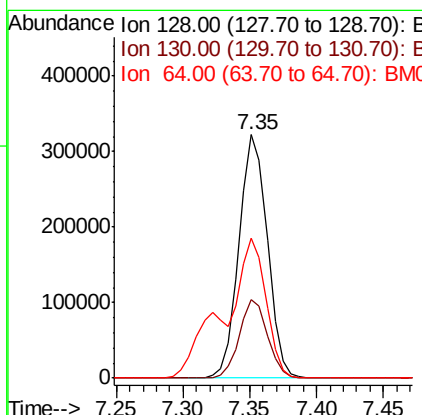
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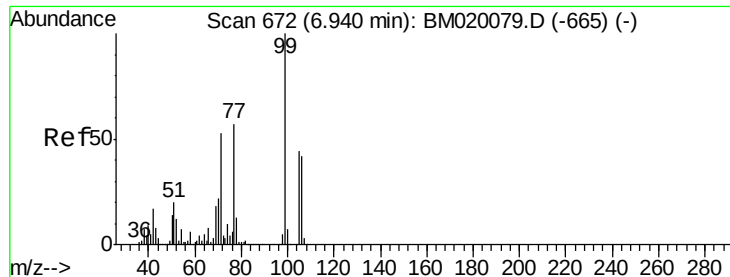
Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	128	Resp:	473821
Ion	Ratio	Lower	Upper
128	100		
130	32.2	10.8	50.8
64	57.5	36.5	76.5





#9

Benzaldehyde

Concen: 20.728 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

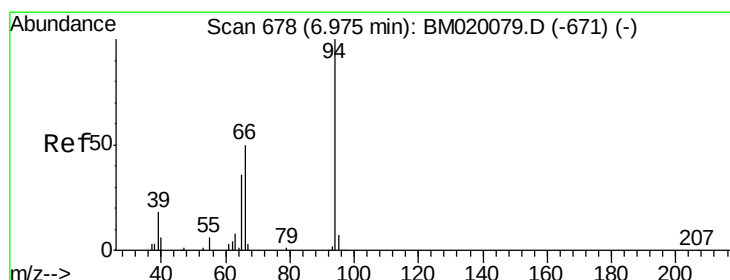
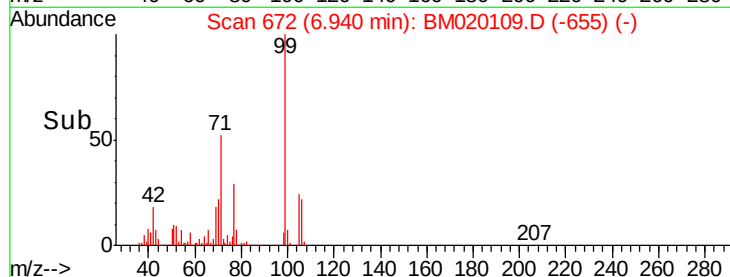
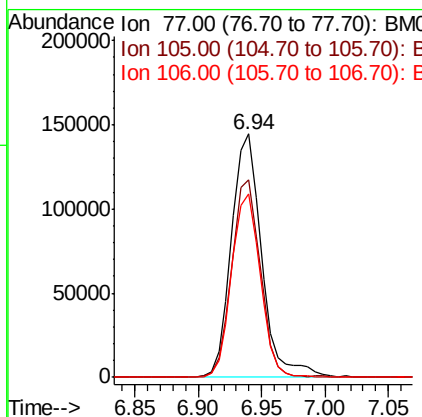
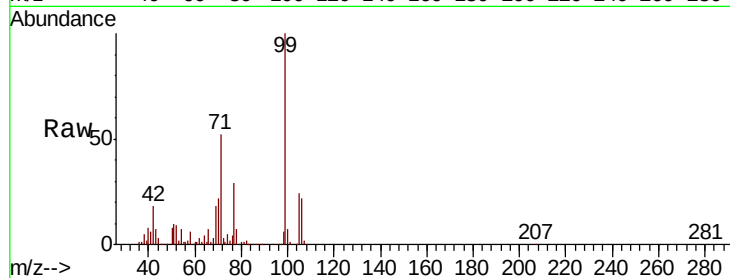
ClientSampleId :

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Tot Ion:	77	Resp:	239201
Ion Ratio	Lower	Upper	
77	100		
105	81.0	57.8	97.8
106	75.2	53.6	93.6

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#10

Phenol

Concen: 38.985 ng

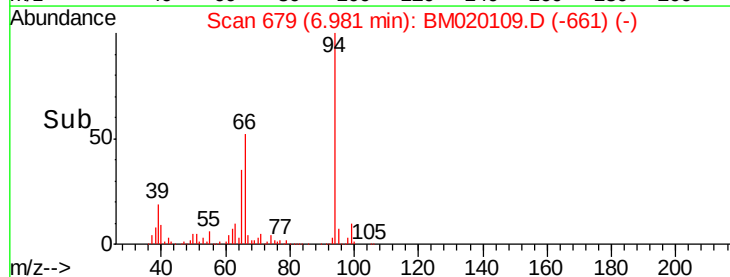
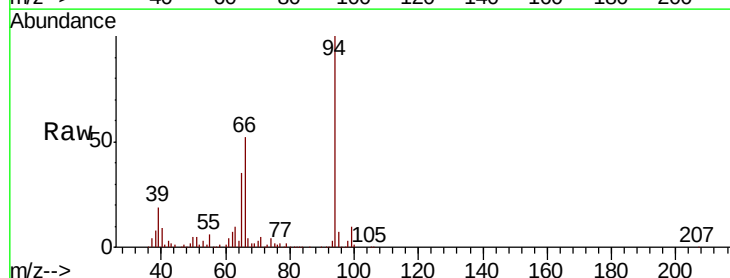
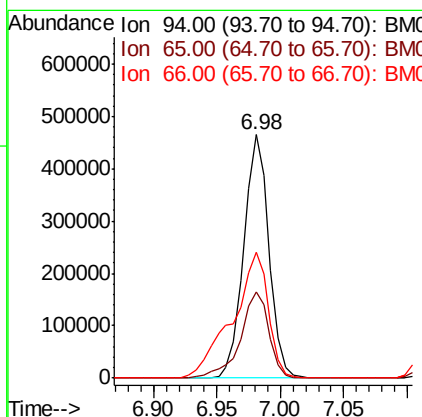
RT: 6.98 min Scan# 679

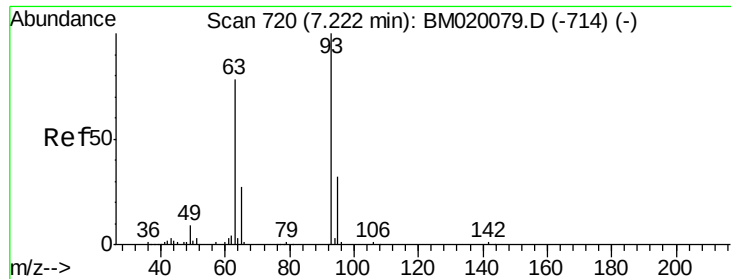
Delta R.T. 0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	94	Resp:	639892
Ion Ratio	Lower	Upper	
94	100		
65	35.5	17.0	57.0
66	51.8	34.5	74.5





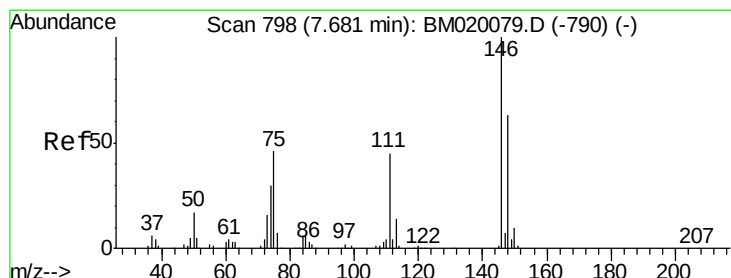
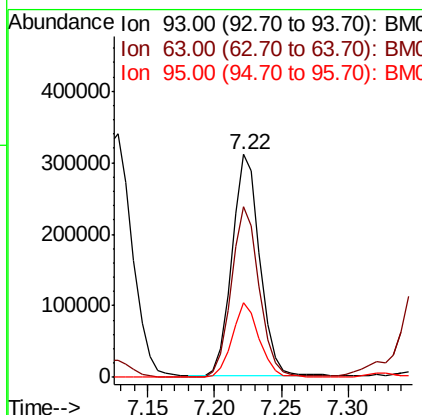
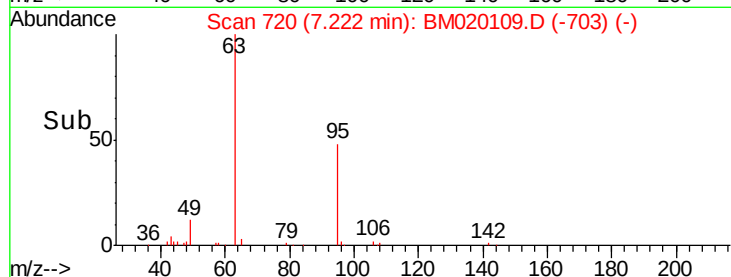
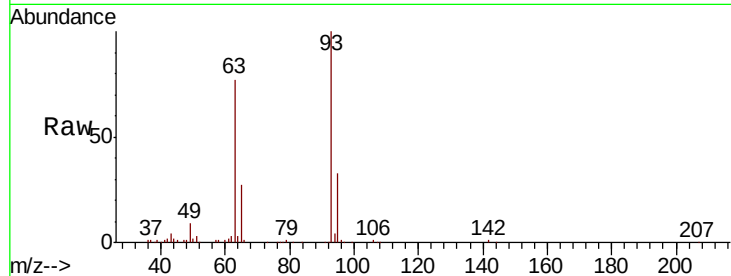
#11
bis(2-Chloroethyl)ether
Concen: 37.476 ng
RT: 7.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion:	93	Resp:	447085
Ion	Ratio	Lower	Upper
93	100		
63	76.8	57.9	97.9
95	33.5	11.3	51.3

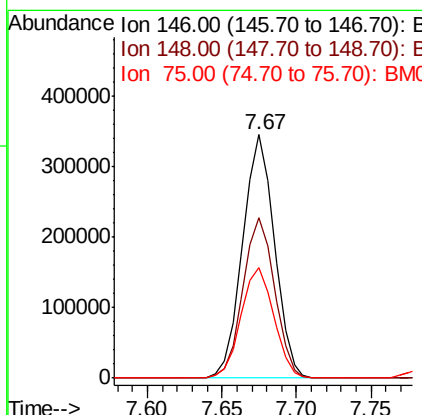
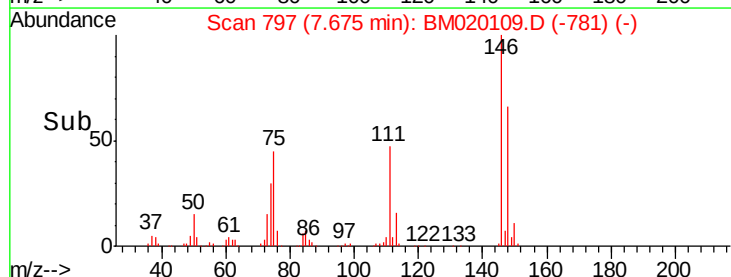
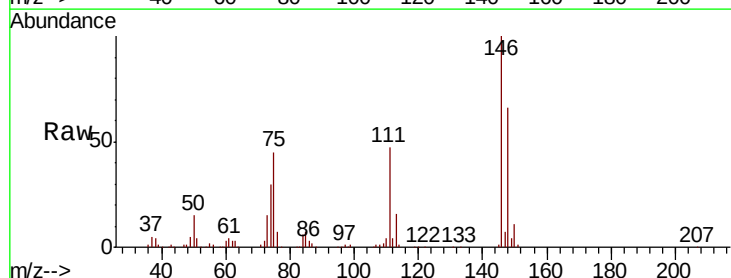
Manual Integrations
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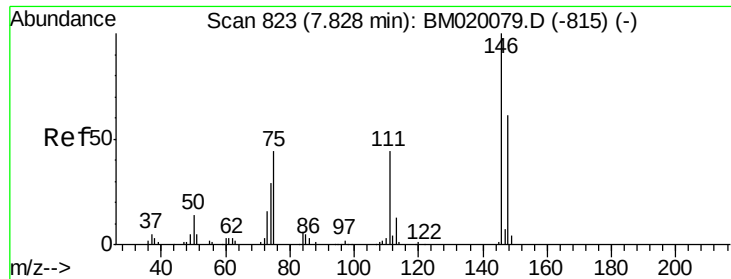
mohammad
5/7/2019 11:59:00 PM



#12
1,3-Dichlorobenzene
Concen: 36.049 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion:	146	Resp:	509695
Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.1	75.1
75	45.4	37.2	55.8





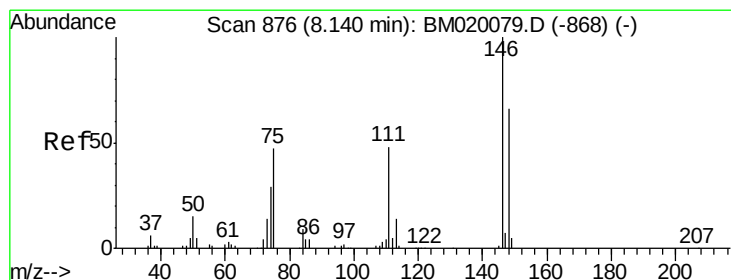
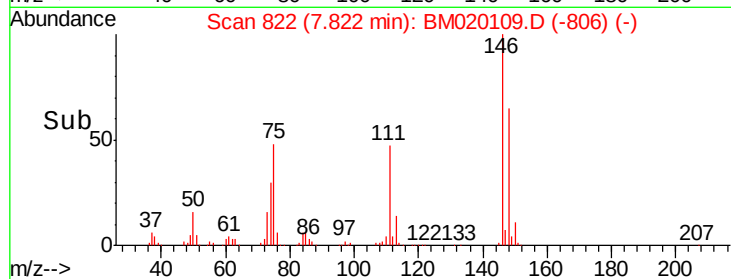
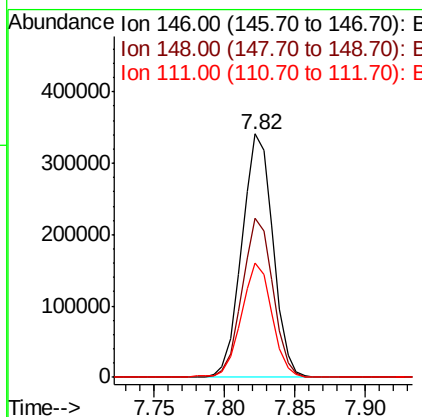
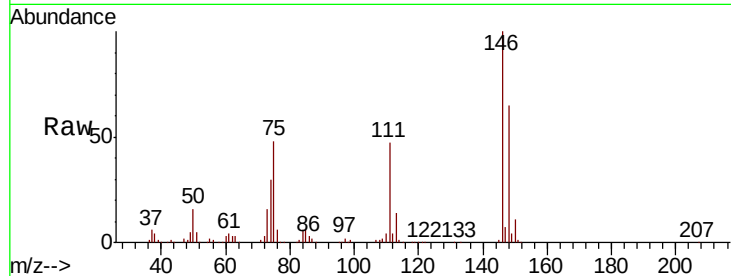
#13
 1,4-Dichlorobenzene
 Concen: 36.736 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	48.5	72.7
111	46.8	35.7	53.5

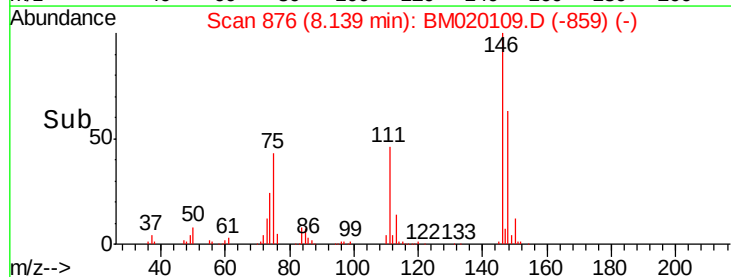
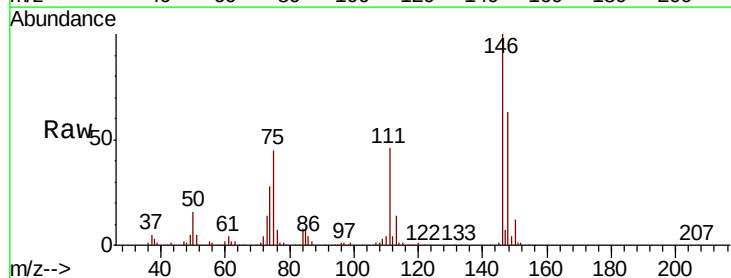
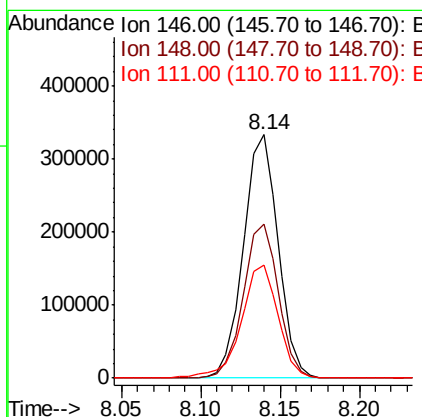
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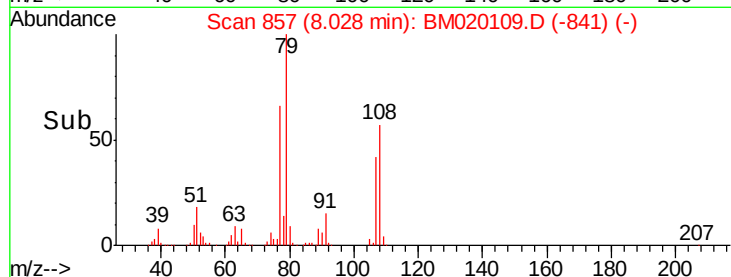
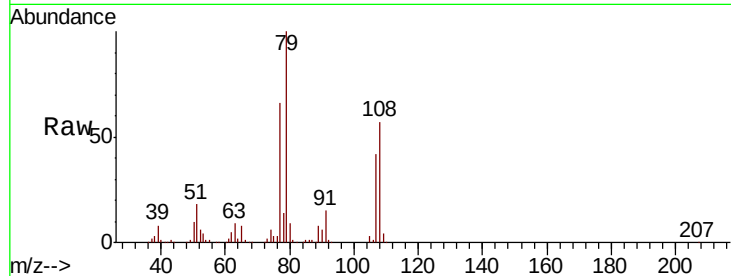
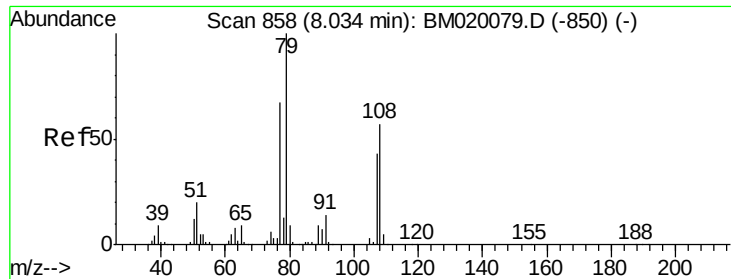
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.195 ng
 RT: 8.14 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.6	79.0
111	46.4	39.0	58.4





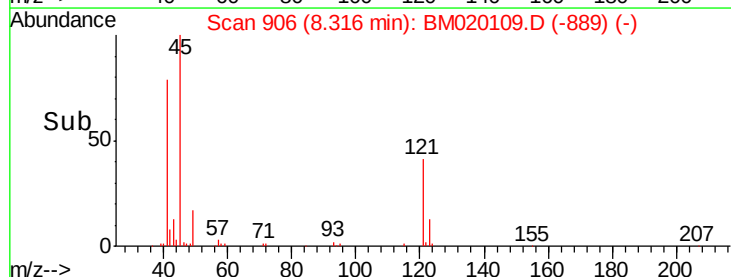
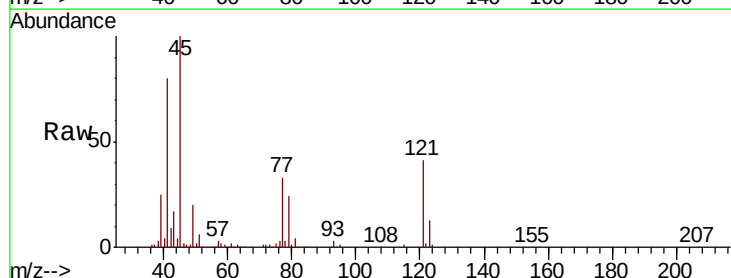
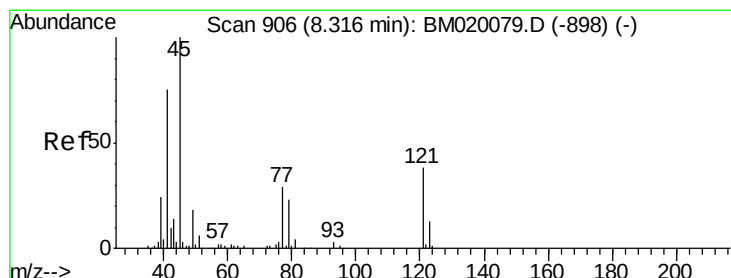
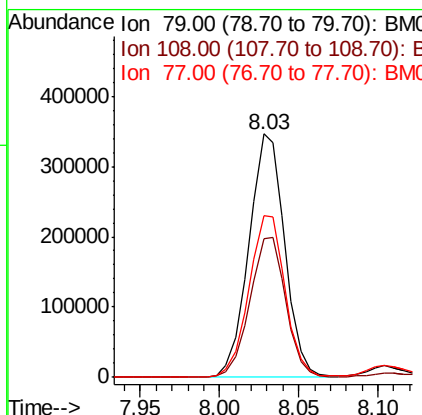
#15
Benzvl Alcohol
Concen: 37.043 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	57.0	46.0	69.0	
77	66.4	53.8	80.6	

Instrument :
BNA_M
ClientSampleId :
PB119431BS

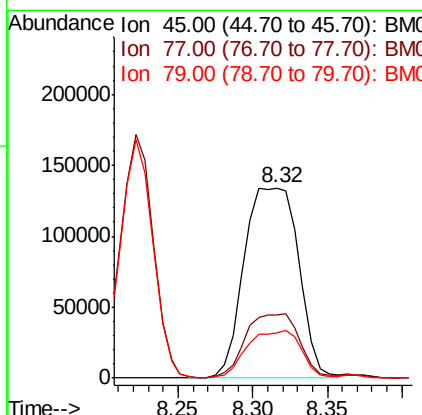
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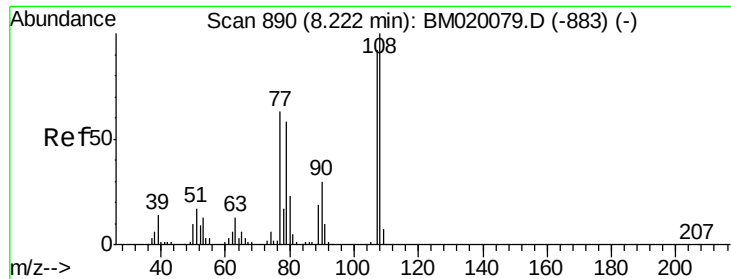
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.400 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	33.0	10.5	50.5	
79	24.1	3.3	43.3	





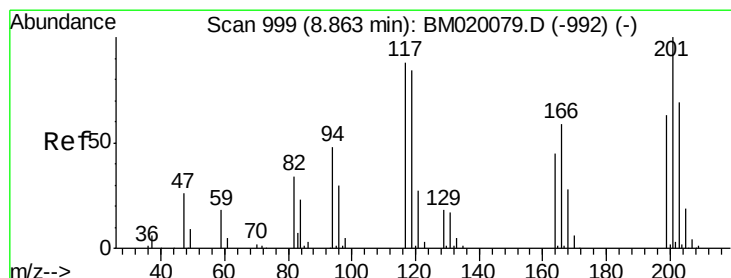
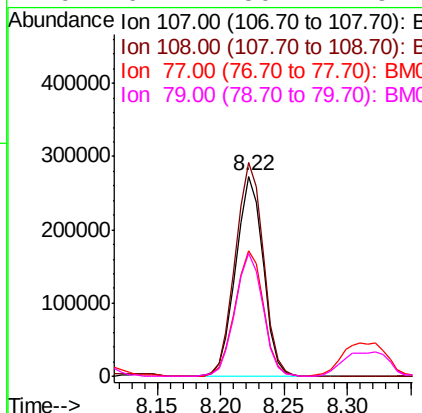
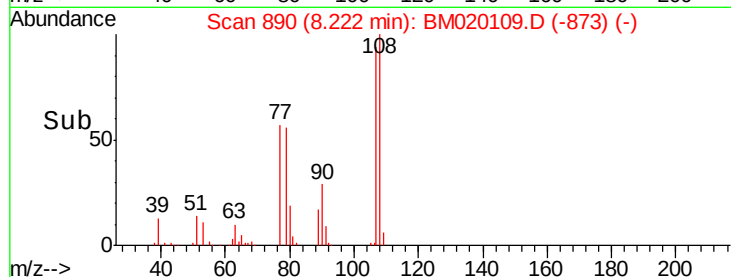
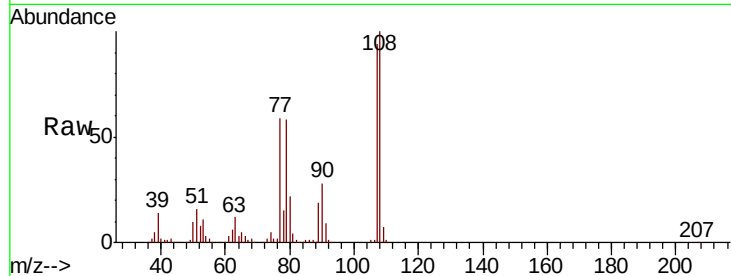
#17
2-Methylphenol
Concen: 38.865 ng
RT: 8.22 min Scan# 890
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleID :
PB119431BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.7	87.0	130.4	
77	62.8	54.7	82.1	
79	61.4	50.1	75.1	

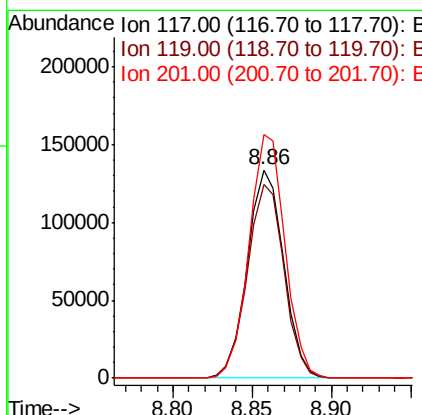
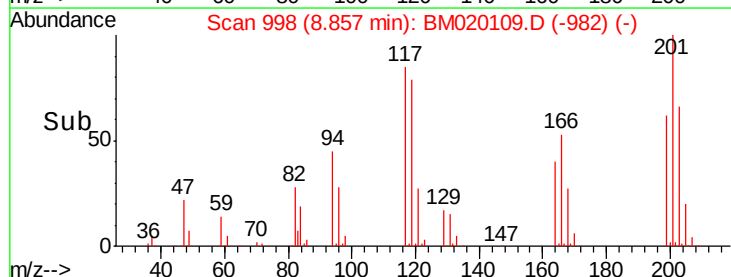
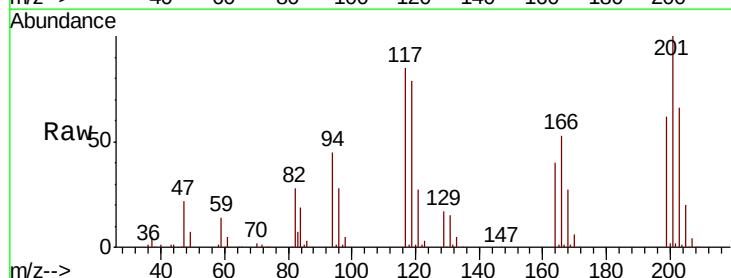
Manual Integrations
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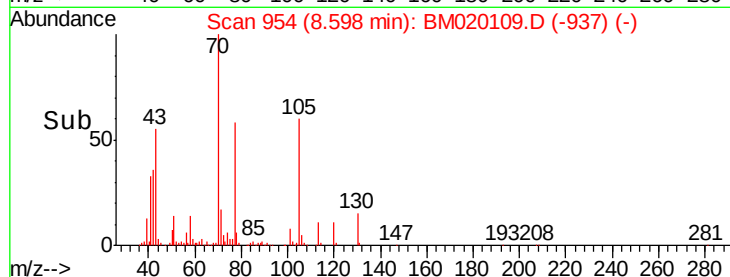
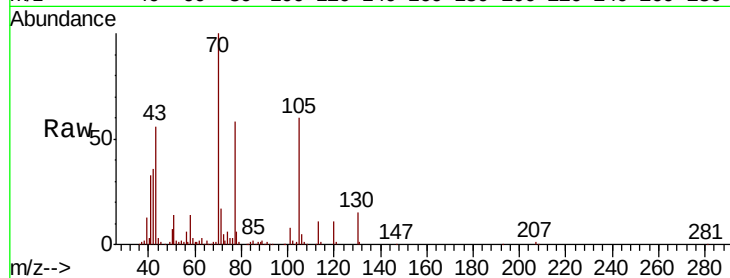
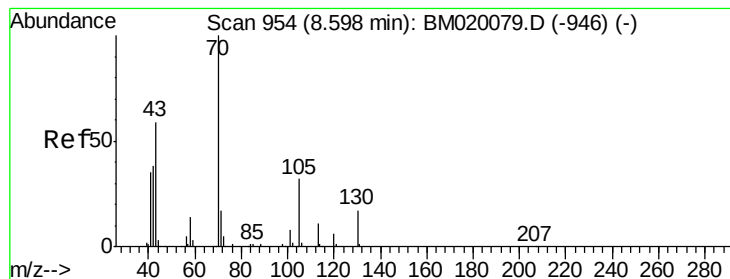
mohammad
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#18
Hexachloroethane
Concen: 35.766 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	76.6	114.8	
201	117.1	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 35.948 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

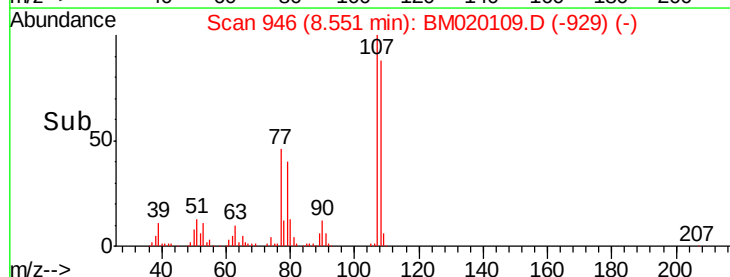
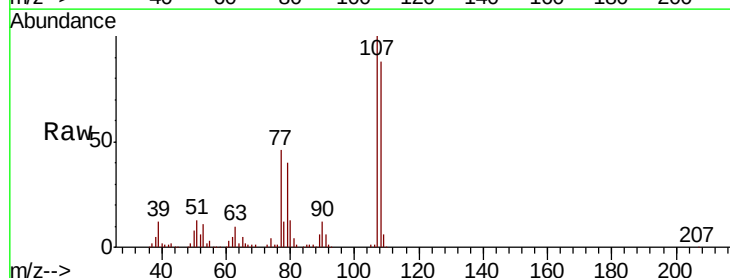
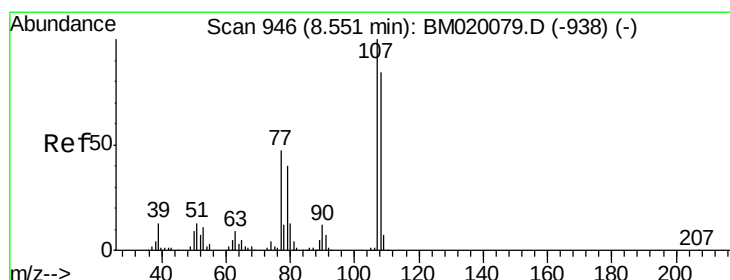
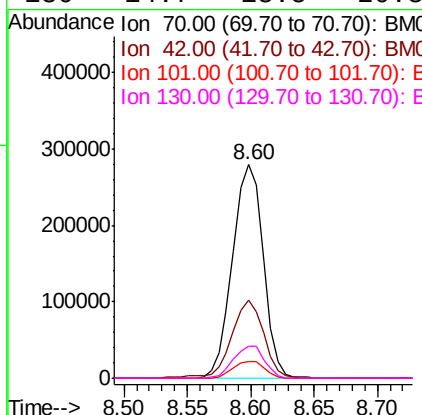
ClientSampleId :

PB119431BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	36.5	31.0	46.4	
101	8.1	6.2	9.2	
130	14.7	13.5	20.3	

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#20

3+4-Methylphenols

Concen: 38.371 ng

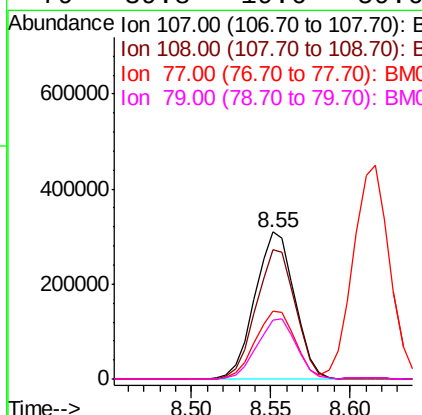
RT: 8.55 min Scan# 946

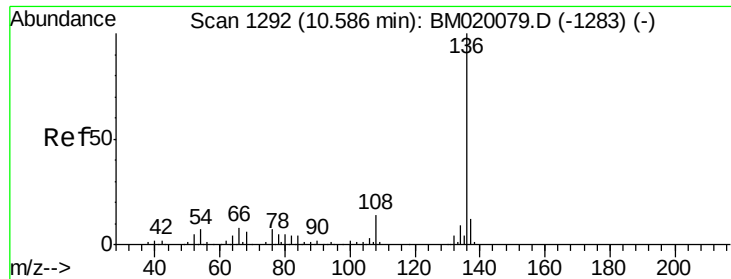
Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	64.4	104.4	
77	46.3	27.2	67.2	
79	39.8	19.6	59.6	





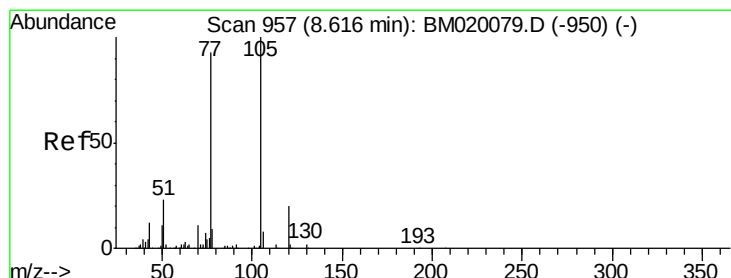
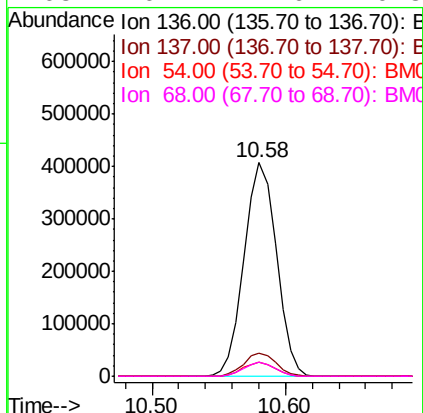
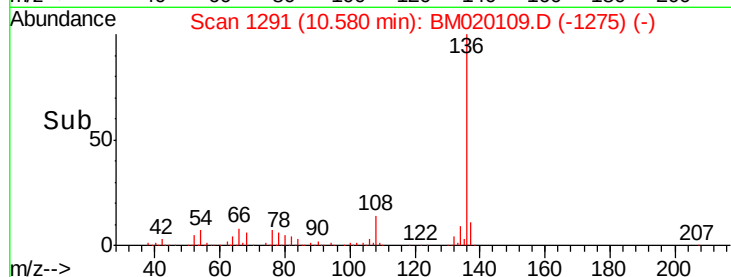
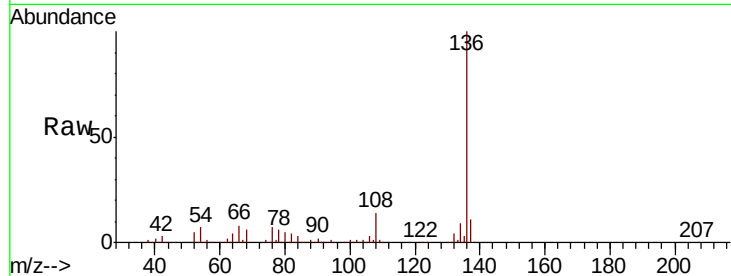
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	681637		
137	10.9		9.6	14.4
54	6.7		5.5	8.3
68	6.4		4.6	6.8

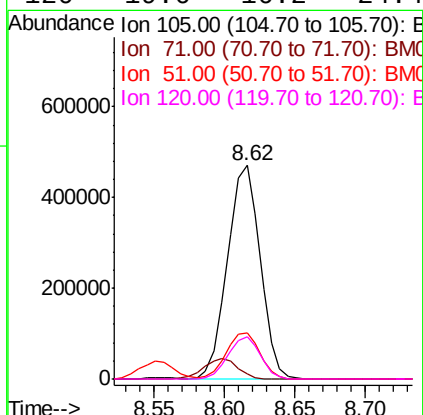
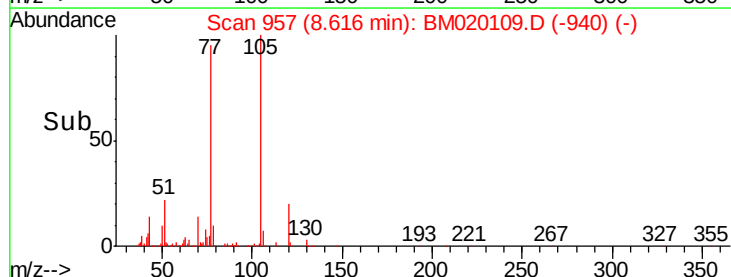
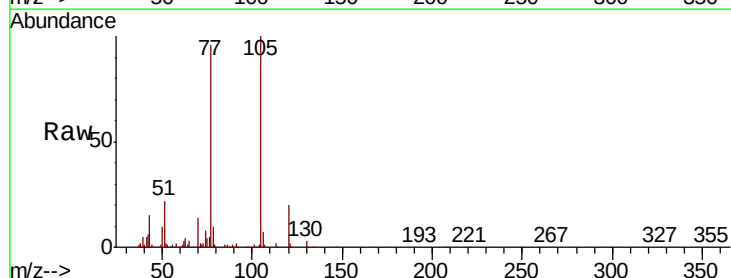
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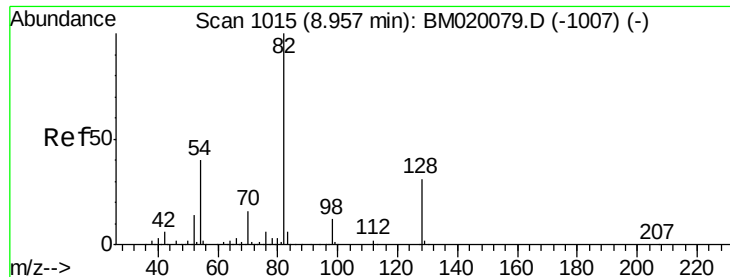
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#22
Acetophenone
Concen: 40.761 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	759338		
71	2.1		2.2	3.2#
51	21.8		19.3	28.9
120	19.6		16.2	24.4





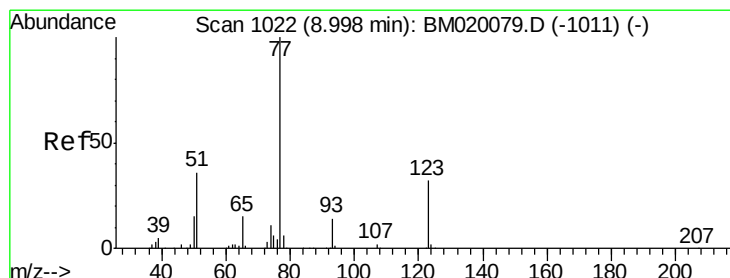
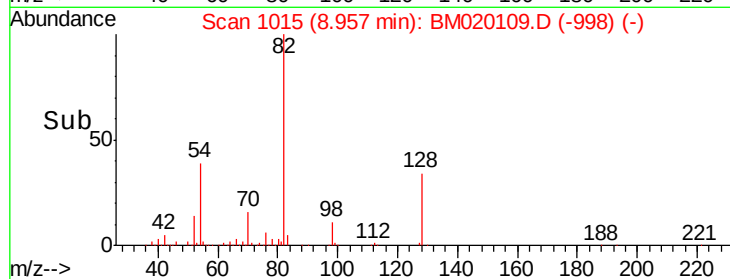
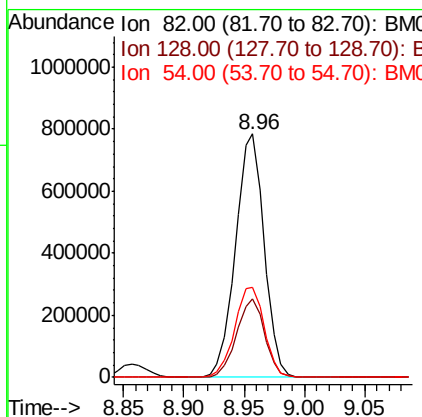
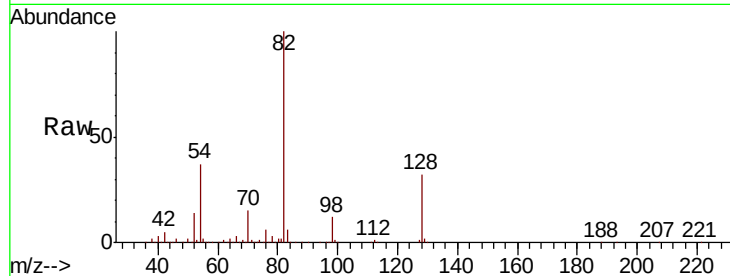
#23
Nitrobenzene-d5
Concen: 75.237 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	82	Resp	1298986
Ion	Ratio	Lower	Upper
82	100		
128	32.1	25.2	37.8
54	37.1	31.9	47.9

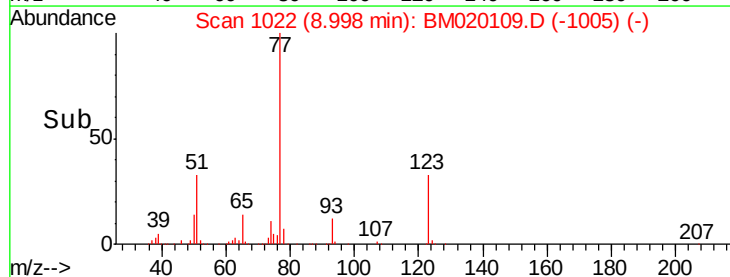
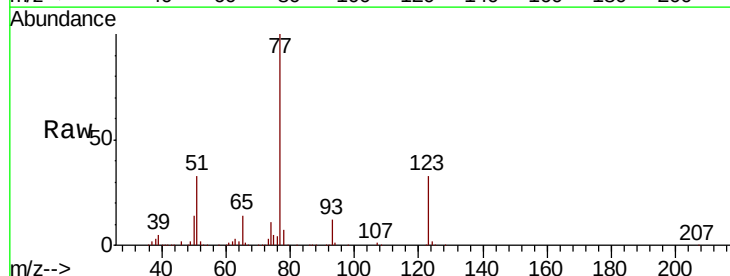
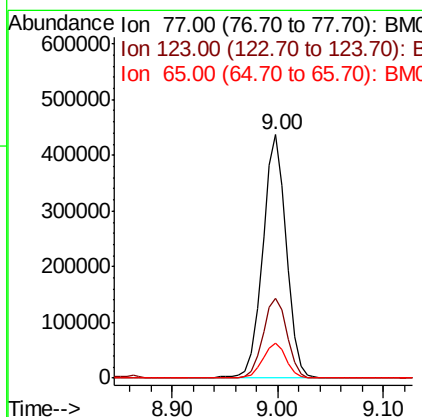
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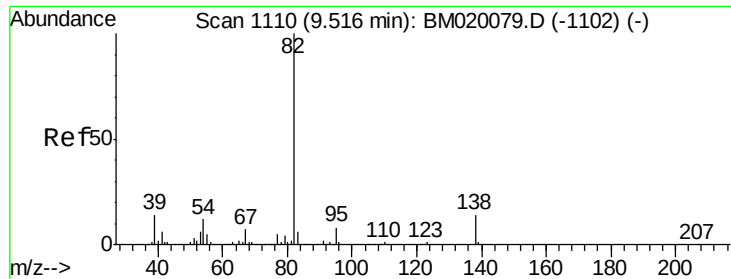
mohammad
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#24
Nitrobenzene
Concen: 37.904 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	77	Resp	678529
Ion	Ratio	Lower	Upper
77	100		
123	33.0	25.5	38.3
65	14.2	11.8	17.6





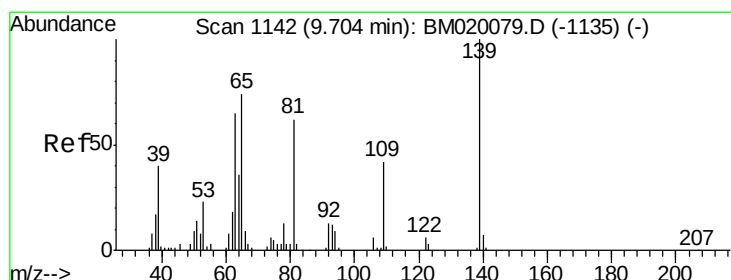
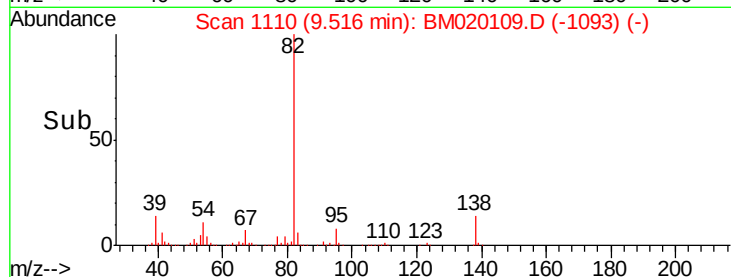
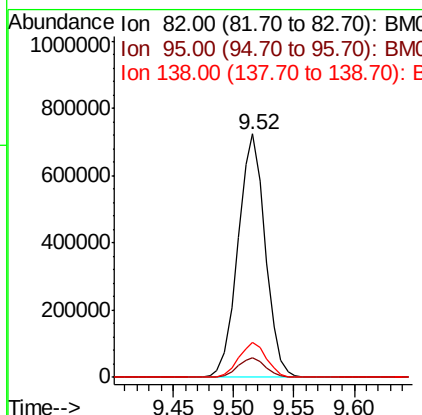
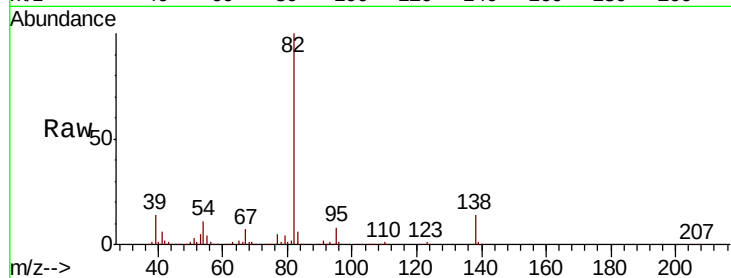
#25
Isophorone
Concen: 38.305 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	14.3	11.1	16.7

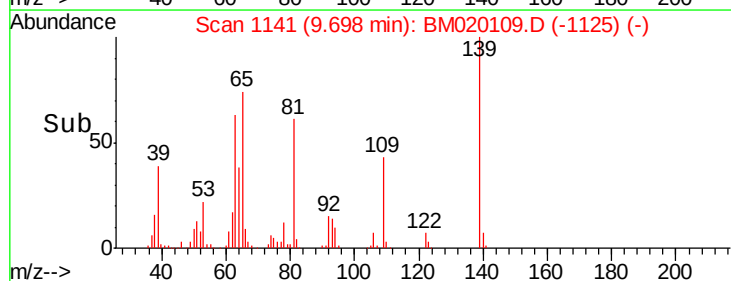
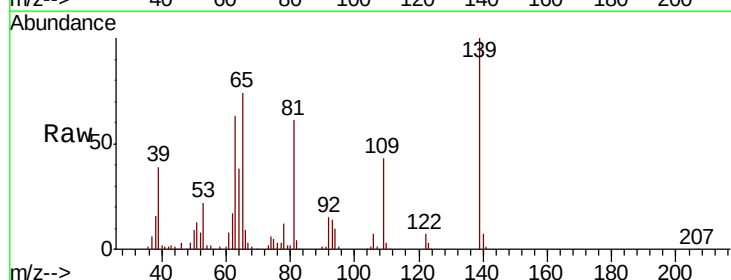
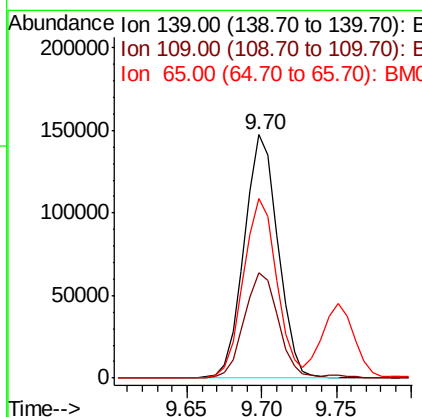
Manual Integrations
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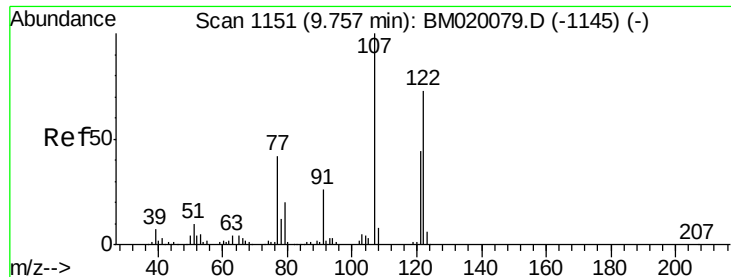
mohammad
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#26
2-Nitrophenol
Concen: 42.719 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	43.1	33.7	50.5
65	73.8	59.5	89.3





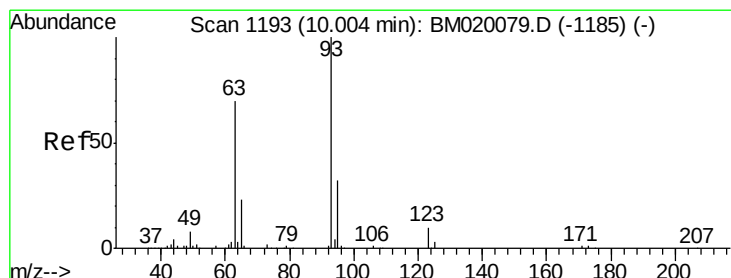
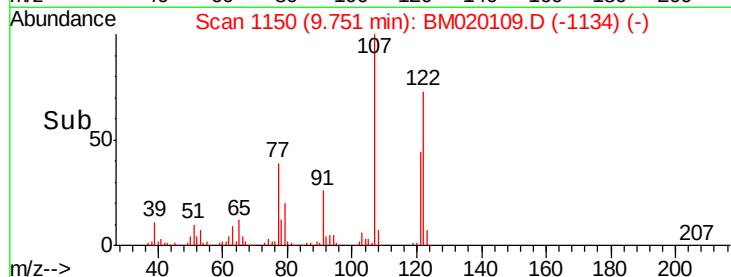
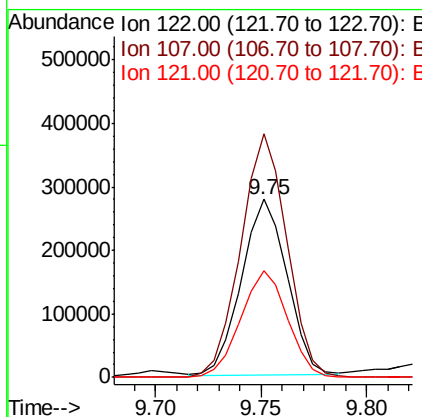
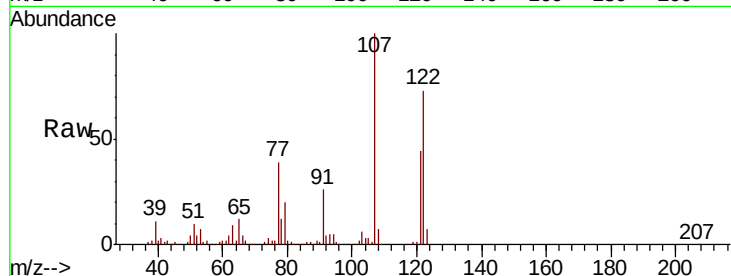
#27
2,4-Dimethylphenol
Concen: 46.269 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampled :
PB119431BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.8	108.6	162.8
121	60.2	47.4	71.2

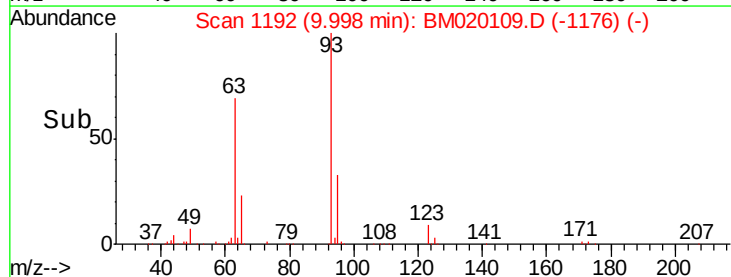
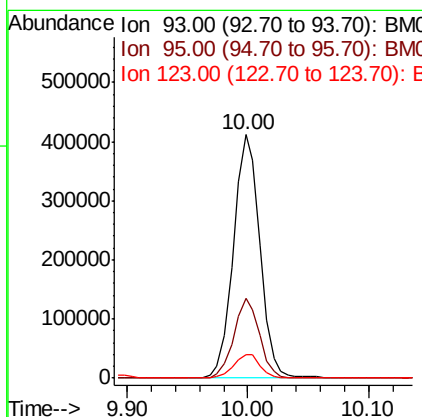
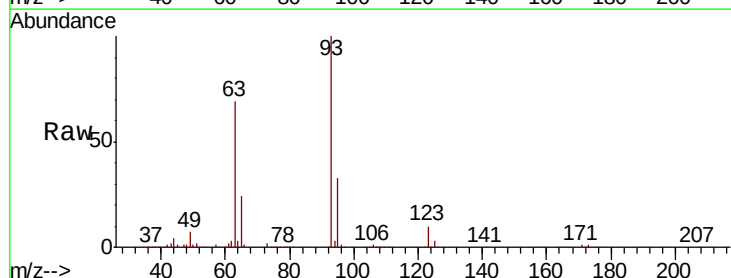
Manual Integrations
APPROVED

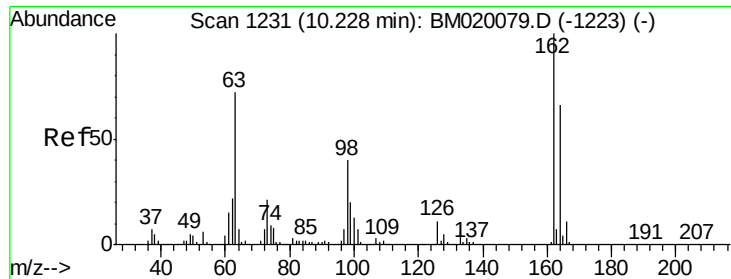
mohammad
5/7/2019 11:59:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.813 ng
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	9.6	7.6	11.4





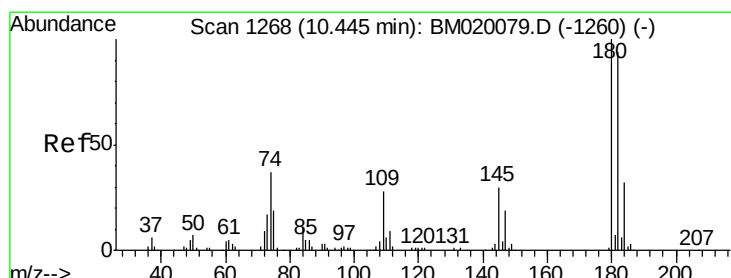
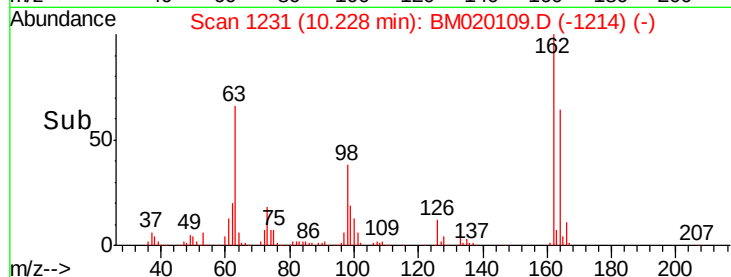
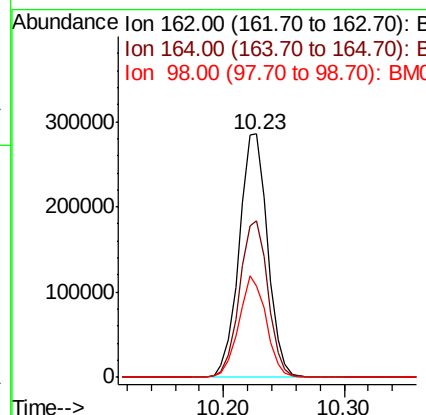
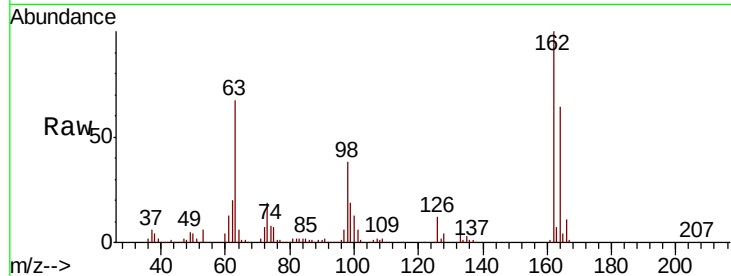
#29
2,4-Dichlorophenol
Concen: 41.392 ng
RT: 10.23 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	469618		
164	64.5	45.6	85.6	
98	37.6	20.4	60.4	

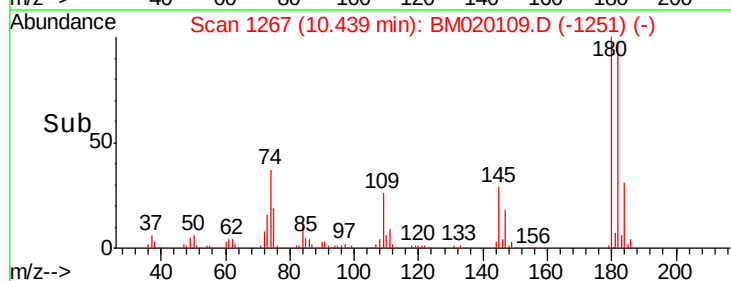
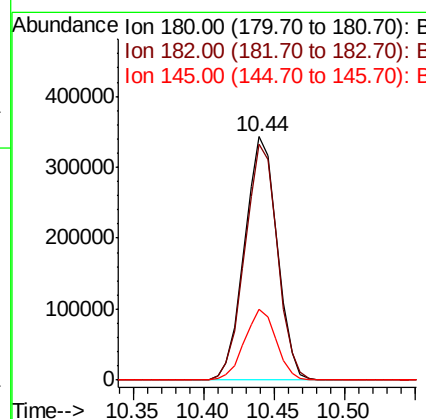
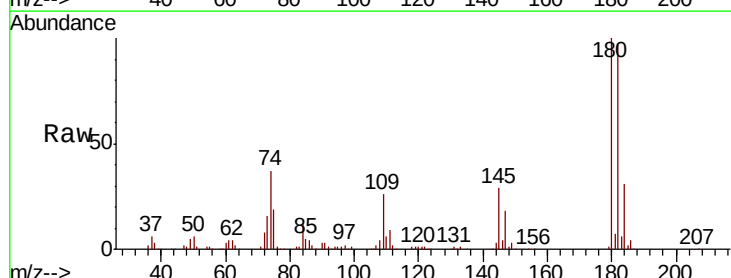
Manual Integrations
APPROVED

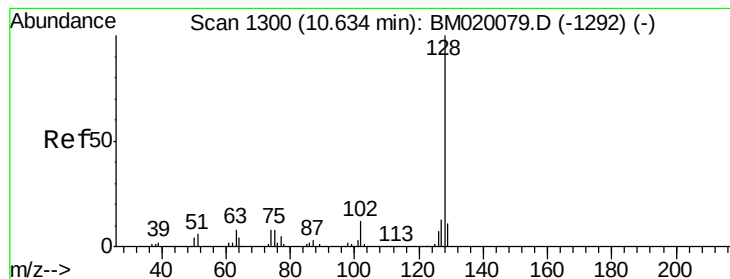
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.822 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	555927		
182	97.1	75.4	113.0	
145	29.0	23.8	35.8	





#31

Naphthalene

Concen: 38.898 ng

RT: 10.63 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB119431BS

Tot Ion:128 Resp: 1375929

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

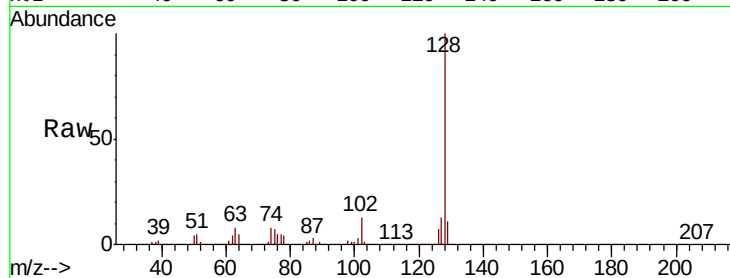
127 13.1 10.4 15.6

Manual Integrations

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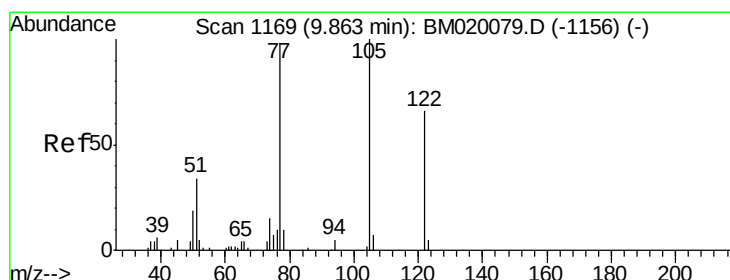
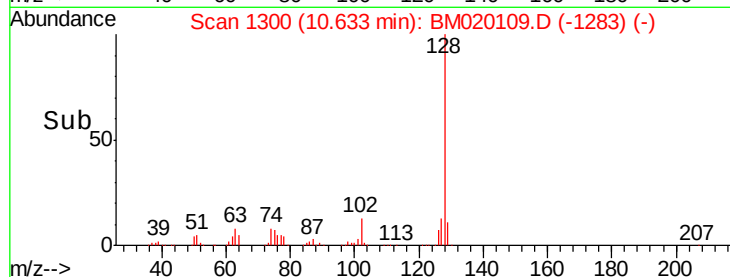
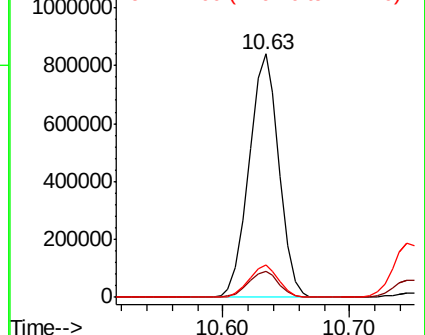
5/7/2019 11:59:00 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.055 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

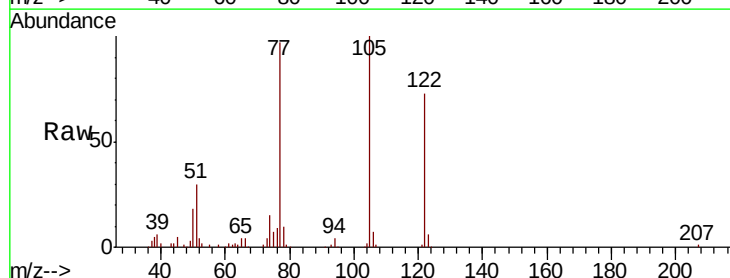
Tgt Ion:122 Resp: 240871

Ion Ratio Lower Upper

122 100

105 137.2 122.5 162.5

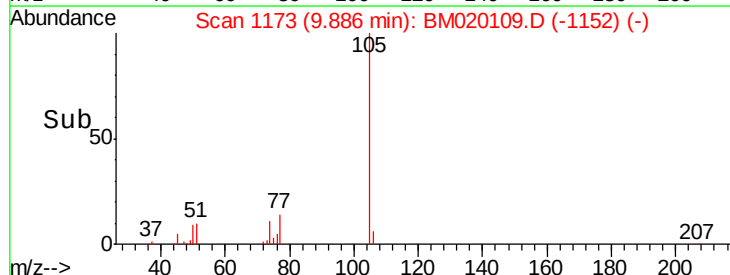
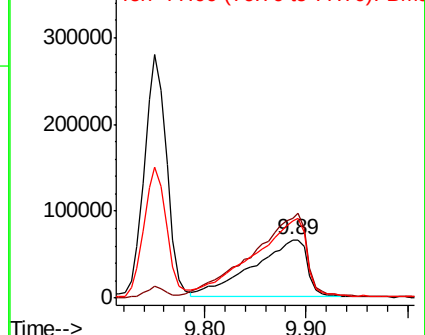
77 133.1 123.3 163.3

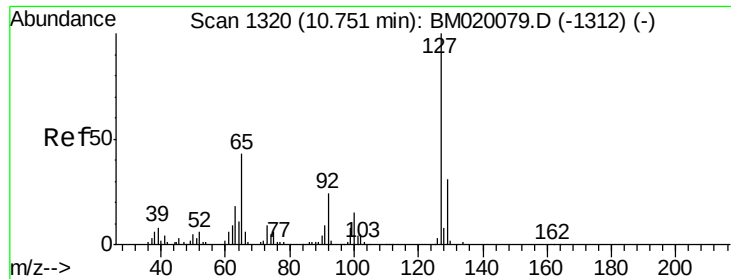


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





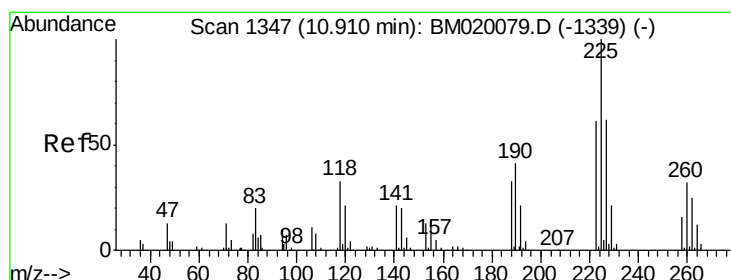
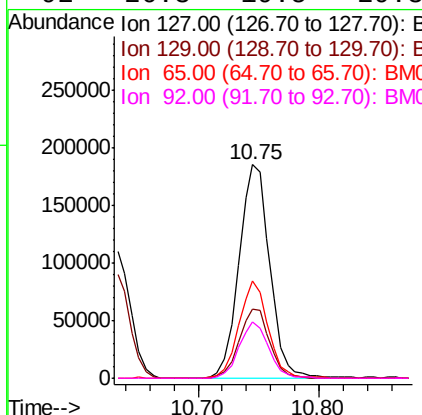
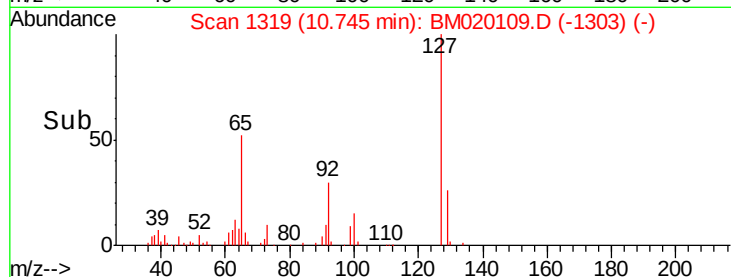
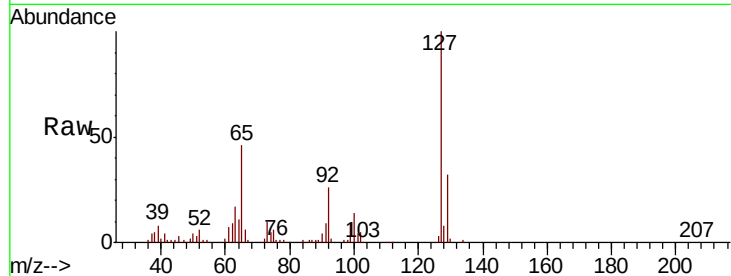
#33
4-Chloroaniline
Concen: 22.579 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	24.7	37.1	
65	45.8	34.6	52.0	
92	26.3	19.5	29.3	

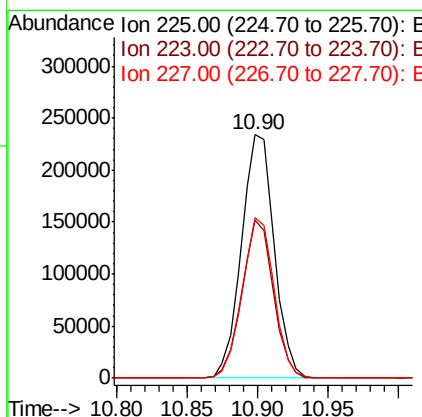
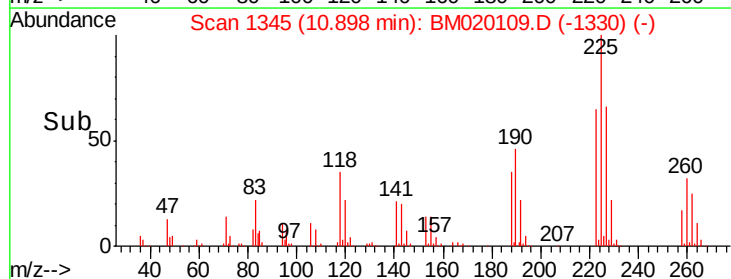
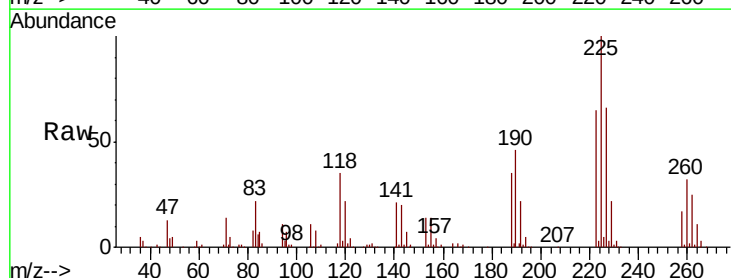
Manual Integrations
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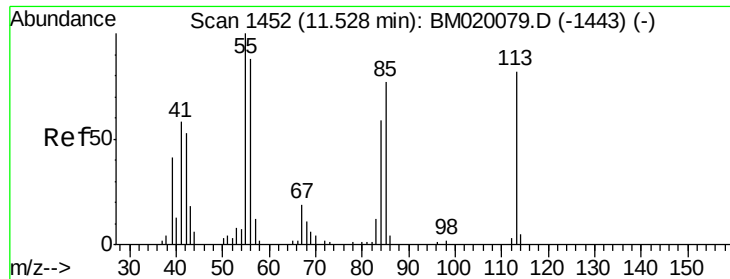
mohammad
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#34
Hexachlorobutadiene
Concen: 38.452 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	48.9	73.3	
227	65.8	49.6	74.4	





#35

Caprolactam

Concen: 37.245 ng/mL

RT: 11.54 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

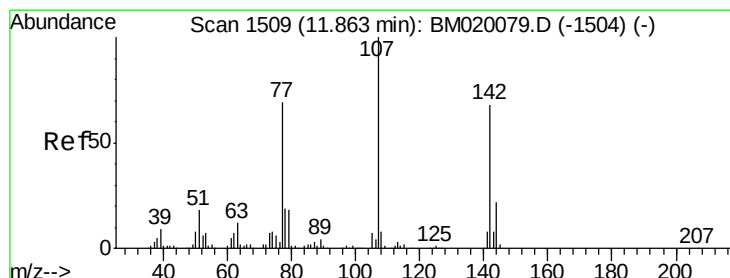
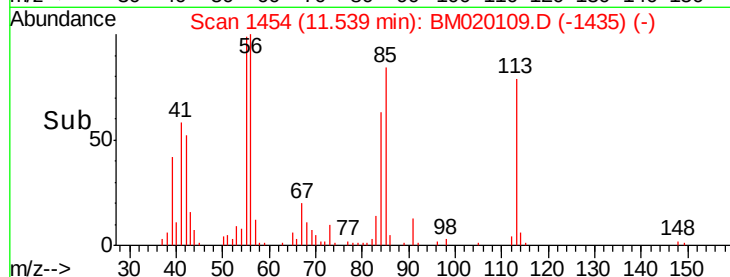
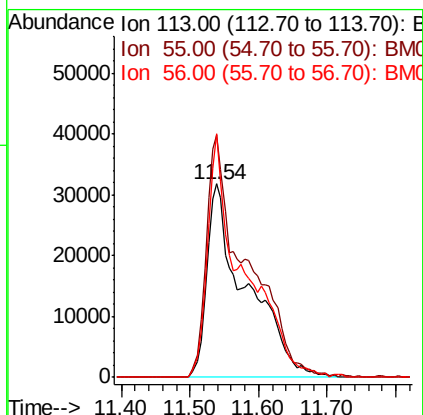
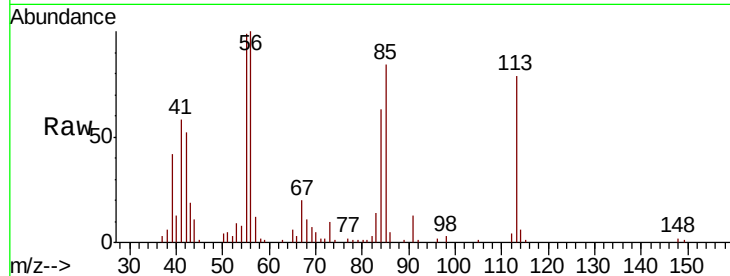
ClientSampleID :

PB119431BS

Tot Ion:	113	Resp:	126352
Ion Ratio	Lower	Upper	
113	100		
55	125.0	102.5	142.5
56	125.9	87.7	127.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 37.564 ng/mL

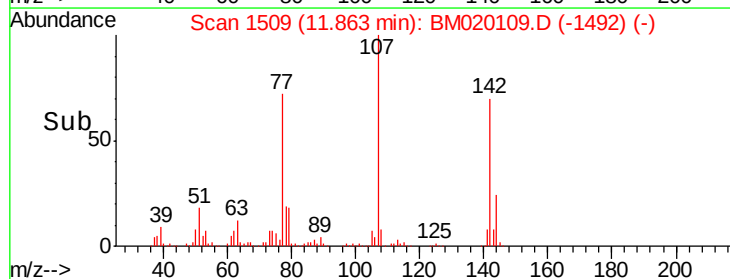
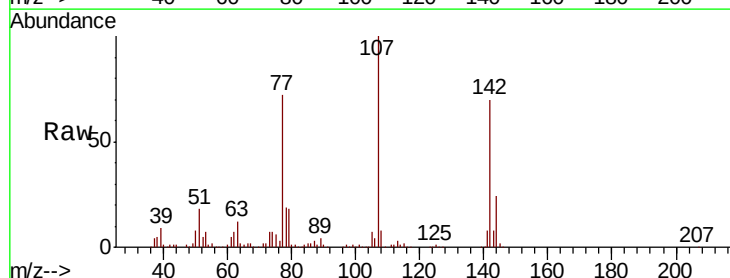
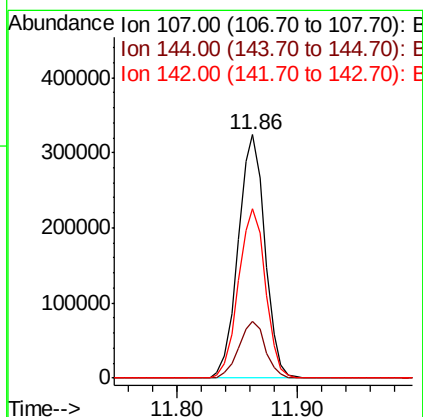
RT: 11.86 min Scan# 1509

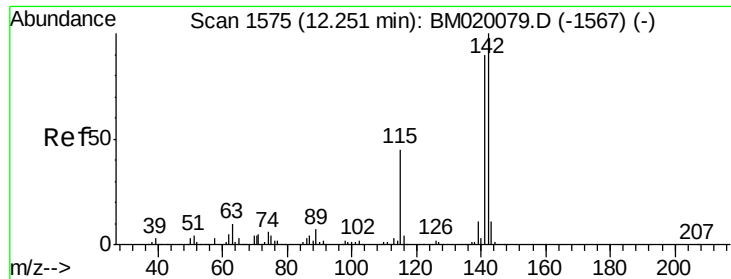
Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	107	Resp:	500826
Ion Ratio	Lower	Upper	
107	100		
144	23.6	17.6	26.4
142	69.8	54.6	82.0





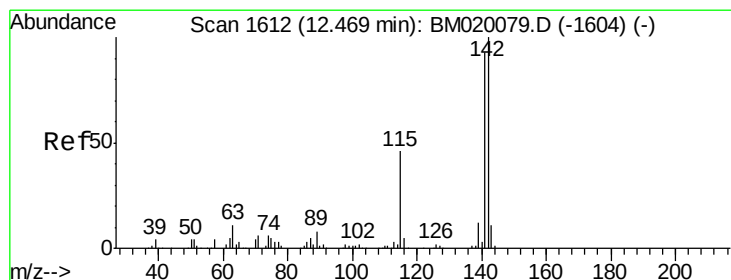
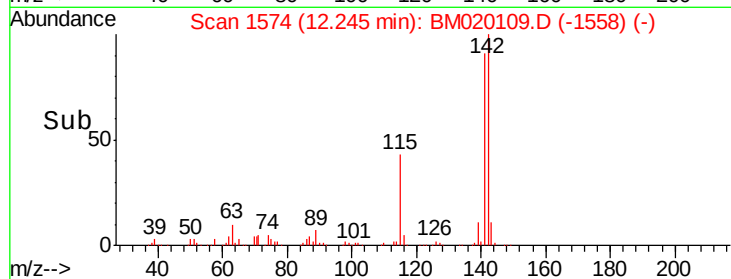
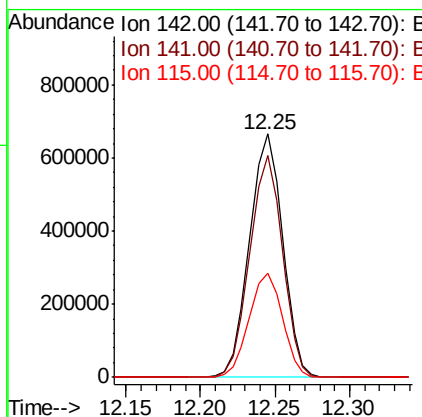
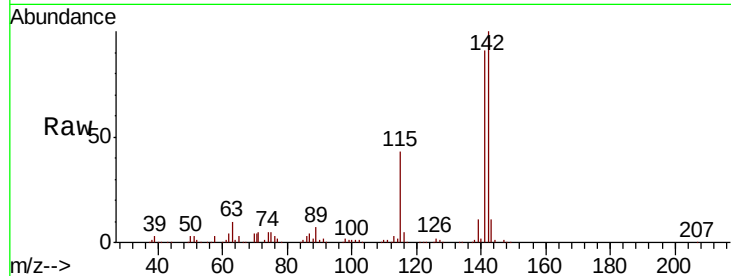
#37
2-Methylnaphthalene
Concen: 39.727 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.6	107.4
115	42.7	35.8	53.6

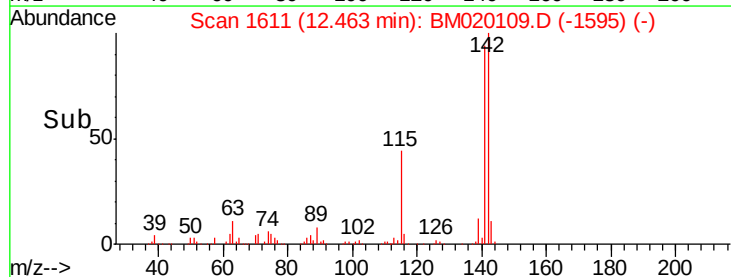
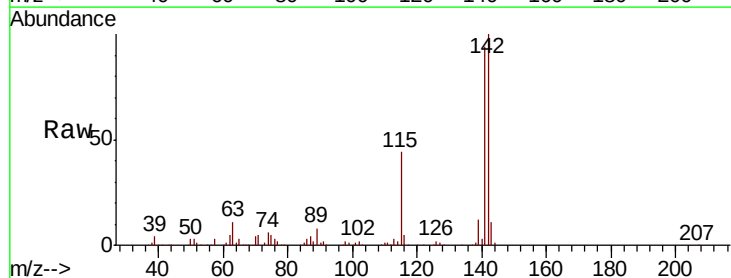
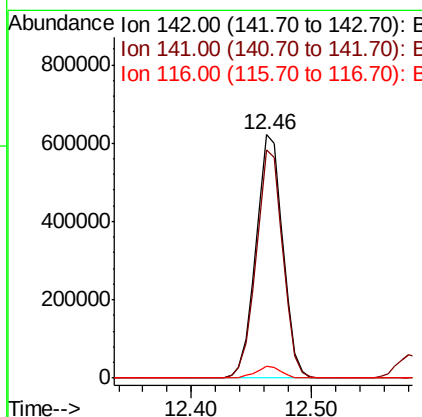
Manual Integrations
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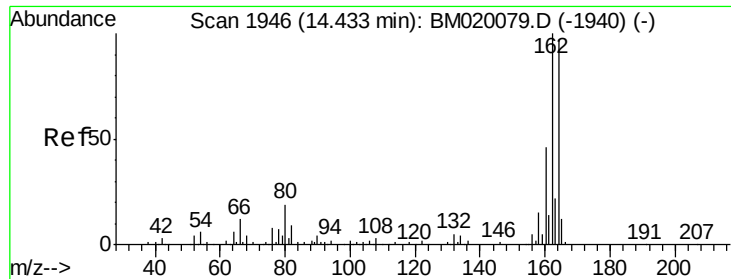
mohammad
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#38
1-Methylnaphthalene
Concen: 38.238 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.8	112.2
116	4.8	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

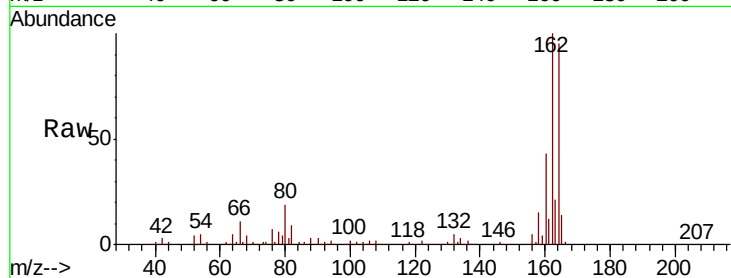
ClientSampleId :

PB119431BS

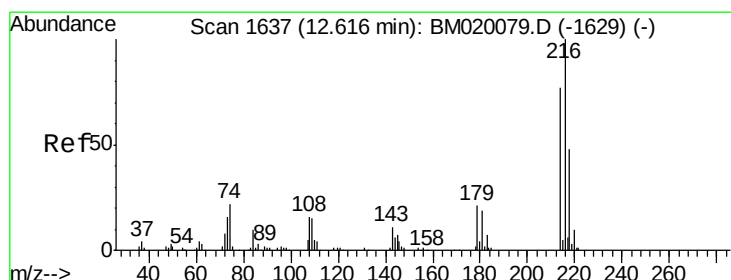
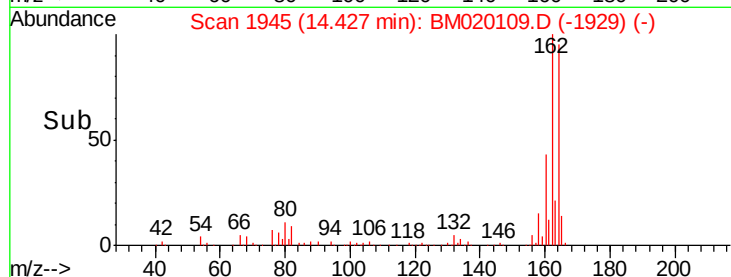
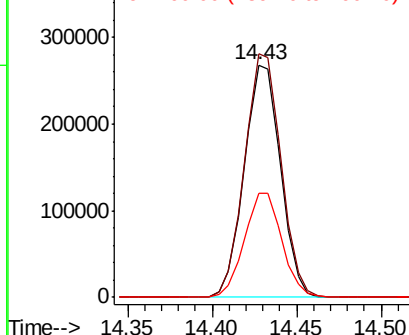
Tot Ion:	164	Resp:	402394
Ion Ratio	Lower	Upper	
164	100		
162	104.8	82.2	123.2
160	45.0	37.6	56.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.243 ng

RT: 12.61 min Scan# 1636

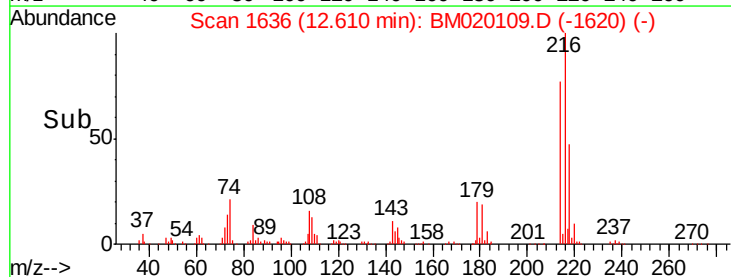
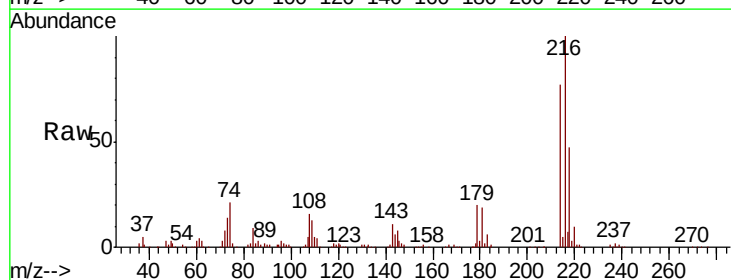
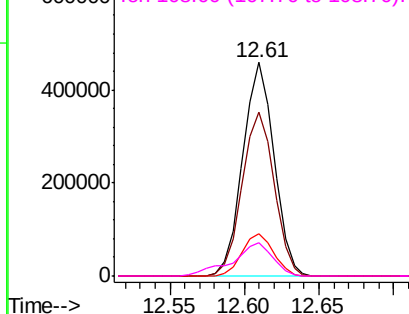
Delta R.T. -0.01 min

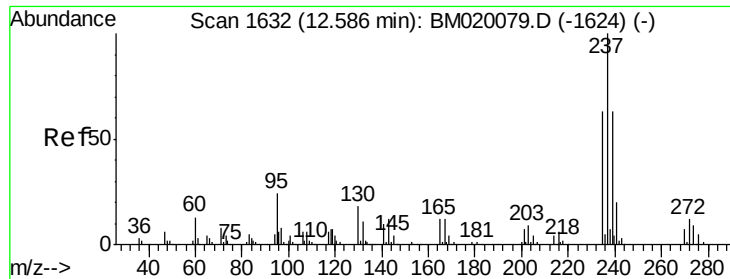
Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	216	Resp:	665046
Ion Ratio	Lower	Upper	
216	100		
214	78.6	62.6	94.0
179	20.2	17.1	25.7
108	20.0	15.8	23.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.798 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

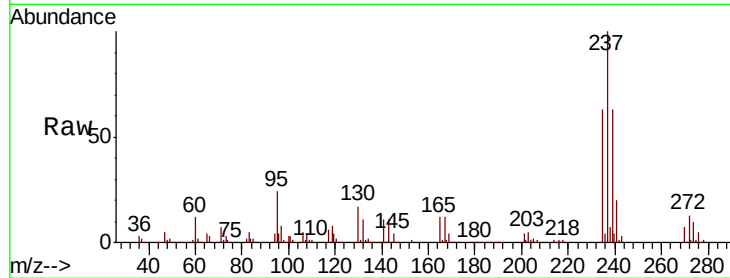
ClientSampleId :

PB119431BS

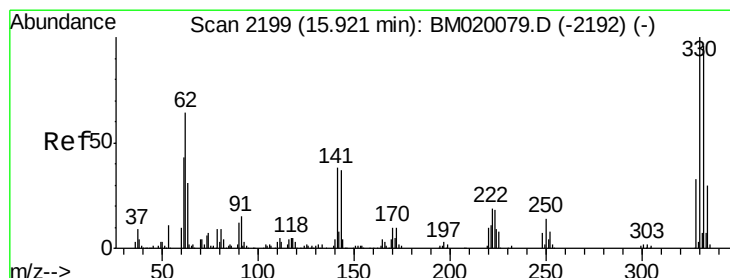
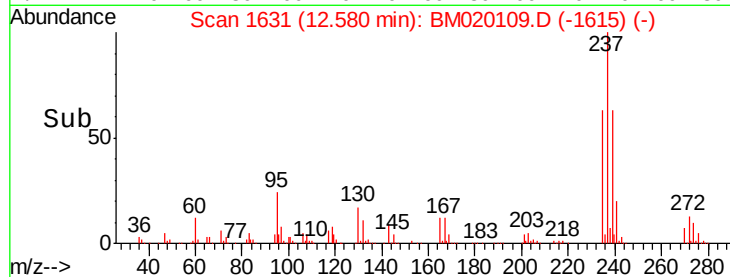
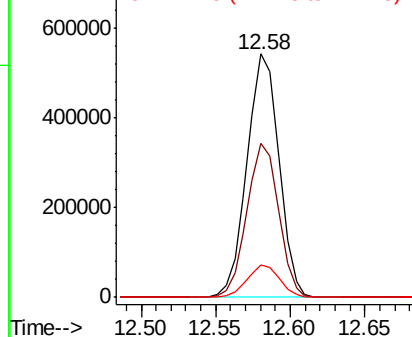
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	43.4	83.4	
272	13.2	0.0	31.7	

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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: 134.240 ng

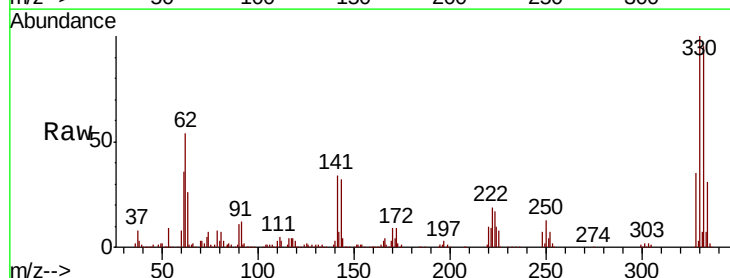
RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

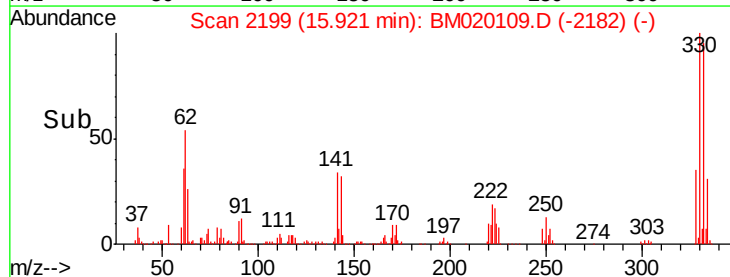
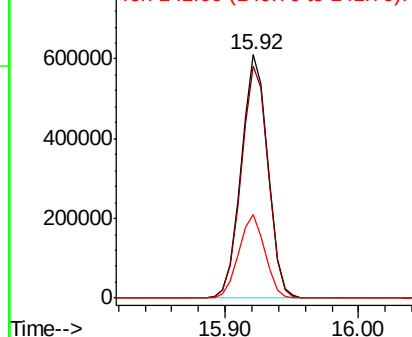
Lab File: BM020109.D

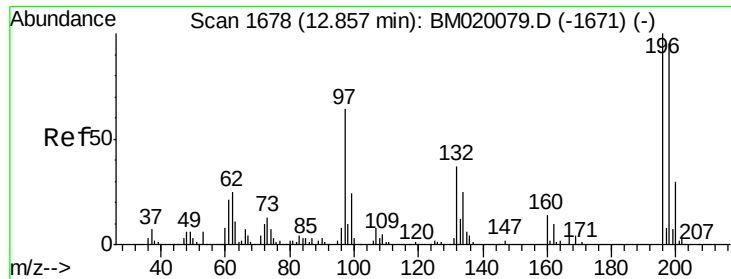
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.8	115.2	
141	33.9	29.2	43.8	



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





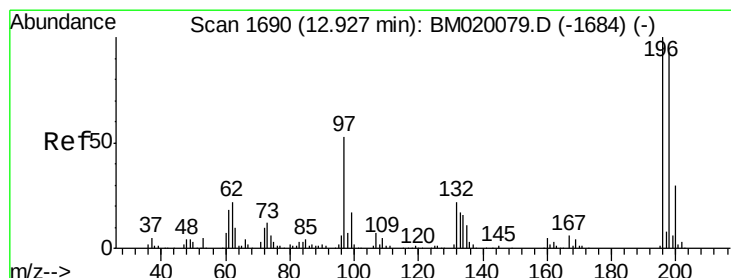
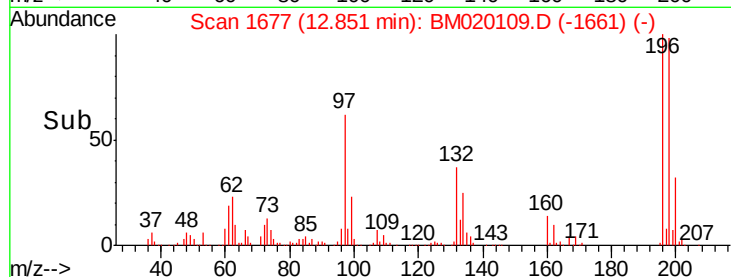
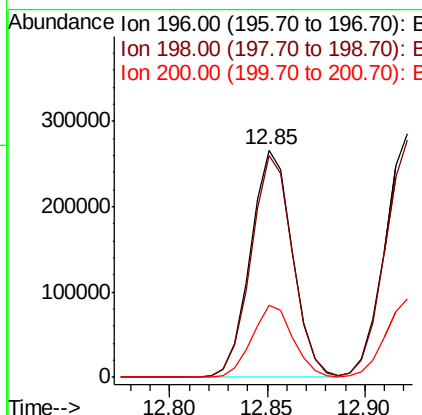
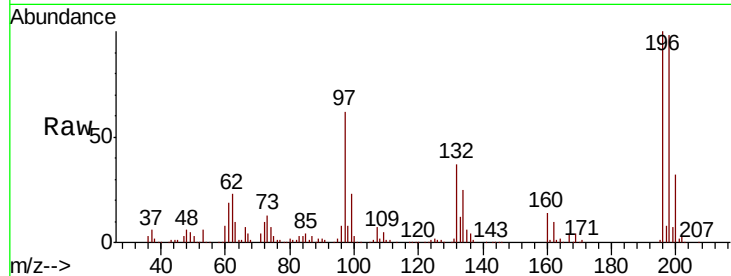
#43
 2,4,6-Trichlorophenol
 Concen: 44.231 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

Tot Ion:	196	Resp:	395751
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.2	114.2
200	31.5	24.3	36.5

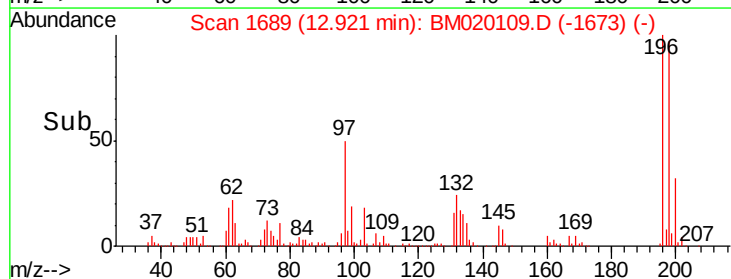
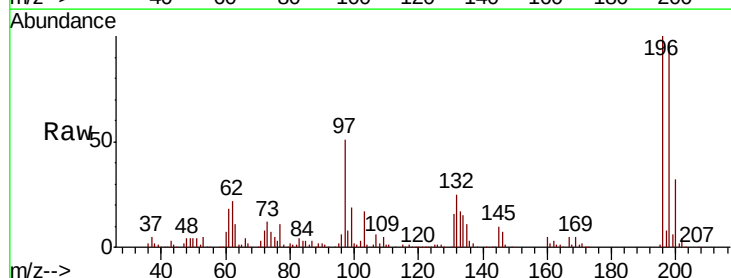
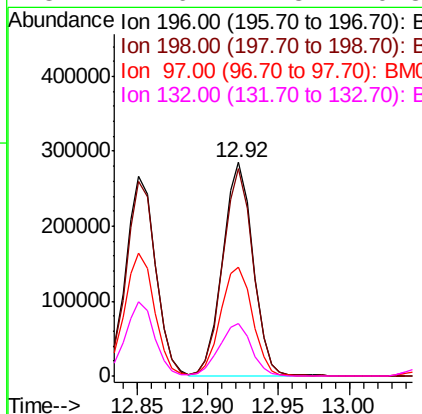
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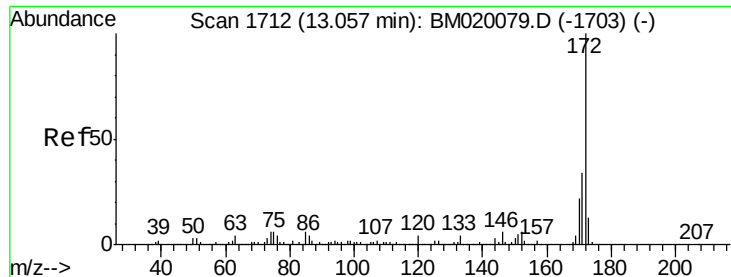
mohammad
 5/7/2019 11:59:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.525 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:	196	Resp:	425051
Ion Ratio	Lower	Upper	
196	100		
198	97.2	74.7	112.1
97	50.8	42.2	63.4
132	24.6	17.8	26.8





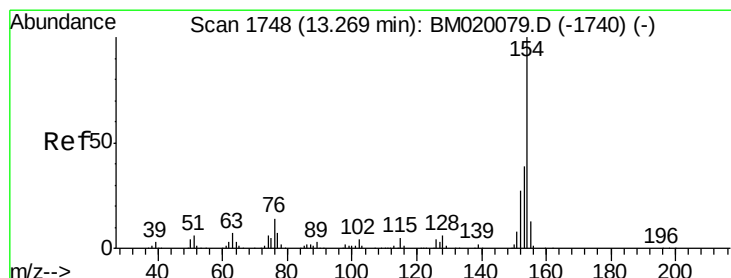
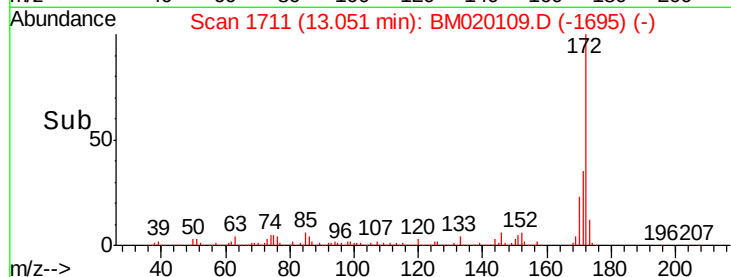
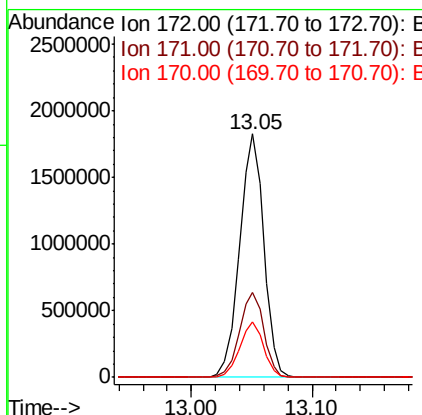
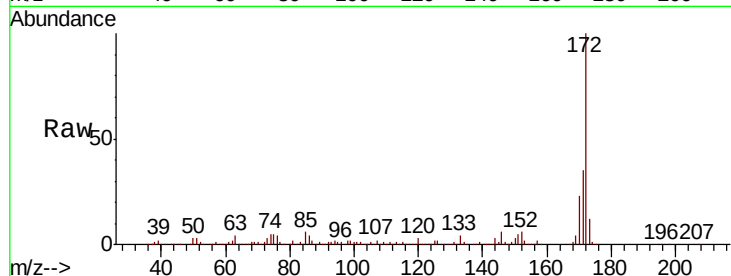
#45
2-Fluorobiphenyl
Concen: 77.873 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	22.8	17.9	26.9

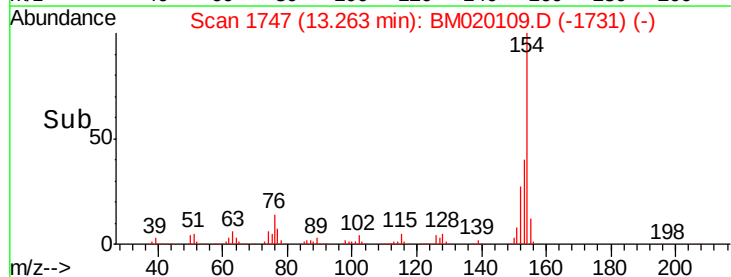
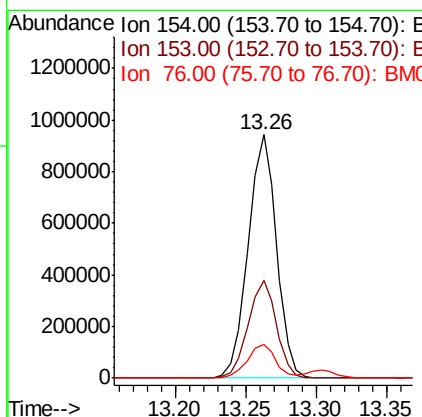
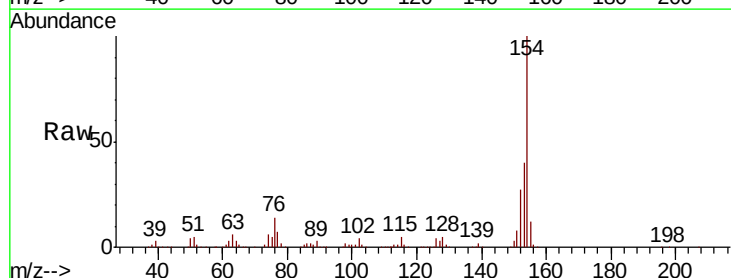
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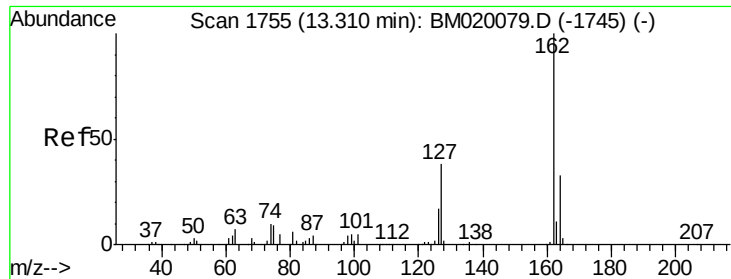
mohammad
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#46
1,1'-Biphenyl
Concen: 40.172 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.4	59.4
76	13.8	0.0	34.5





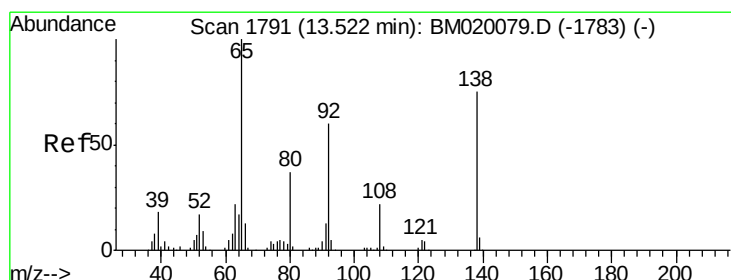
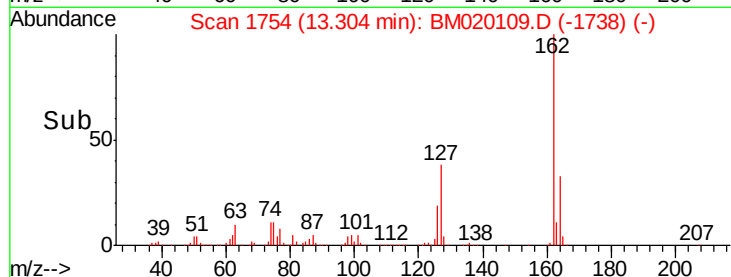
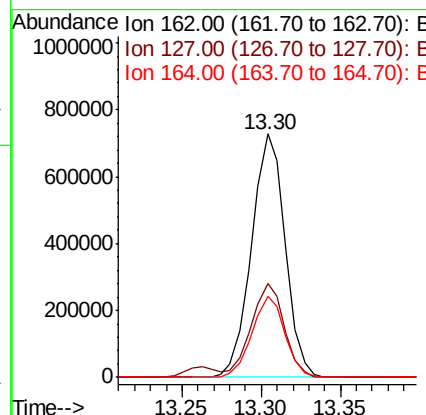
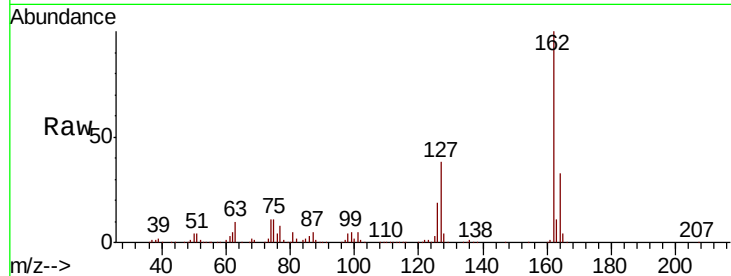
#47
2-Chloronaphthalene
Concen: 40.413 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleID :
PB119431BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.4
164	33.2	26.2	39.2

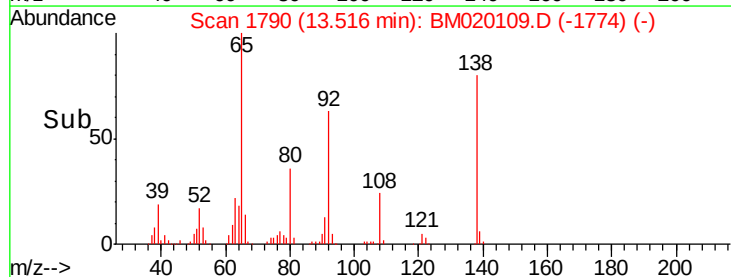
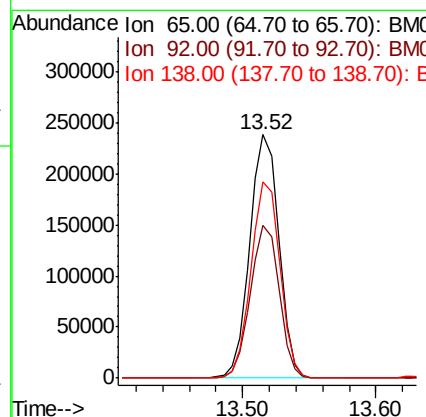
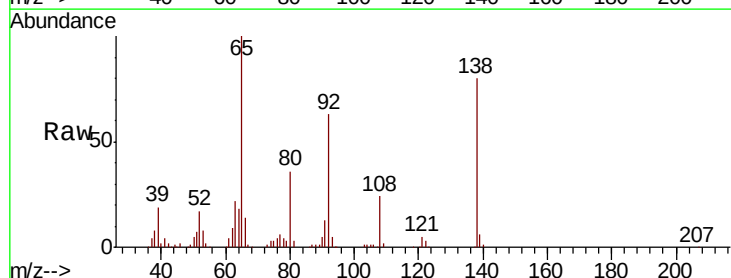
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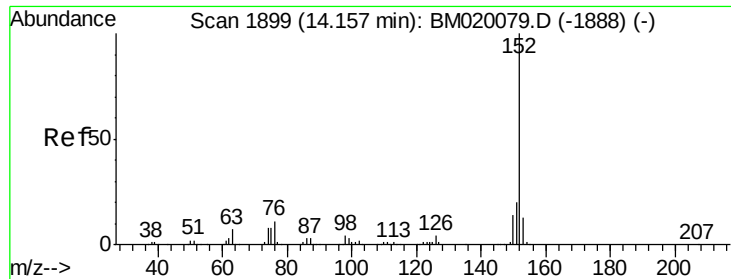
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#48
2-Nitroaniline
Concen: 38.017 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	48.2	72.4
138	80.4	60.3	90.5





#49

Acenaphthylene

Concen: 38.054 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampled :

PB119431BS

Tot Ion:152 Resp: 1610498

Ion Ratio Lower Upper

152 100

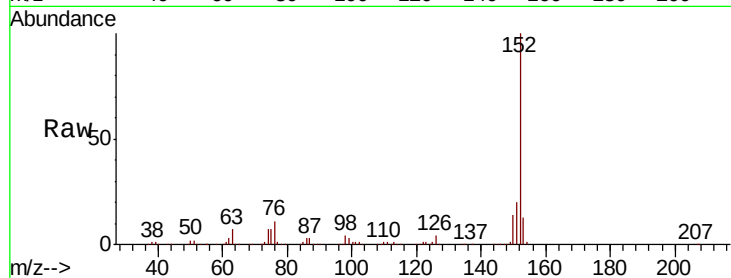
151 19.5 16.2 24.2

153 13.1 10.6 16.0

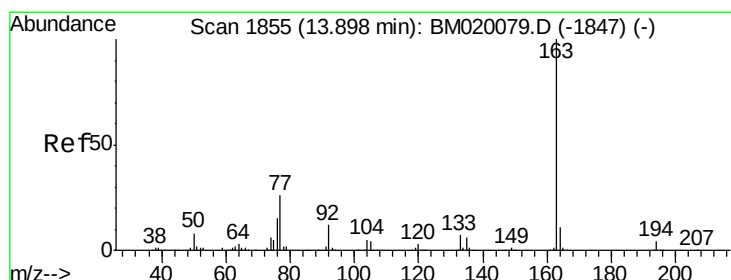
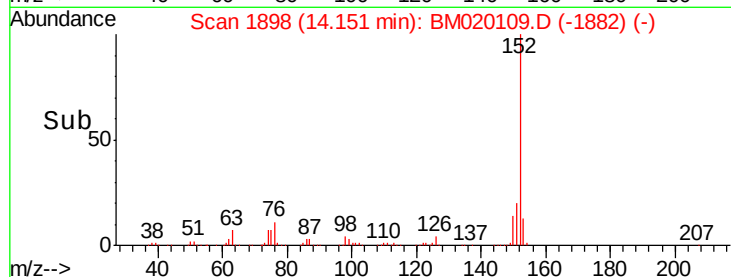
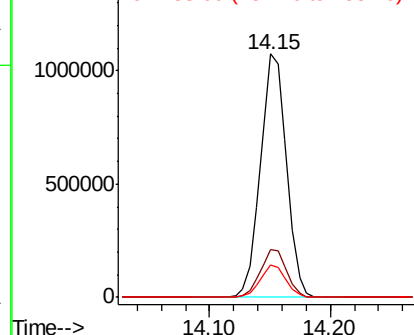
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.415 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

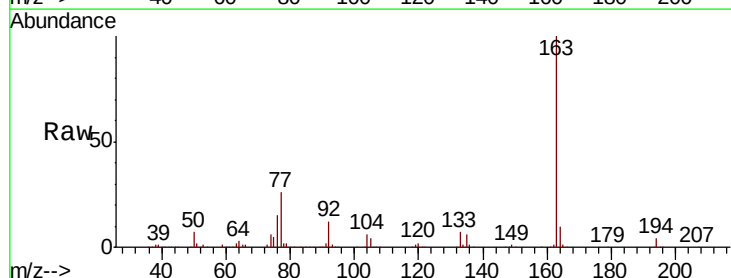
Tgt Ion:163 Resp: 1279606

Ion Ratio Lower Upper

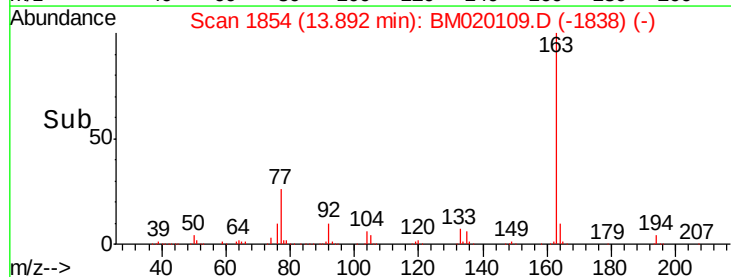
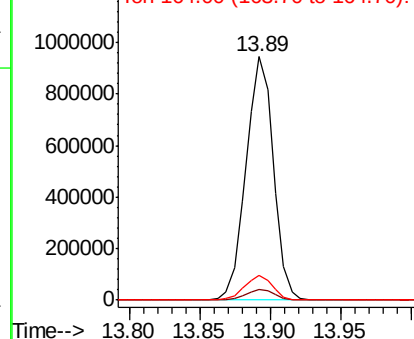
163 100

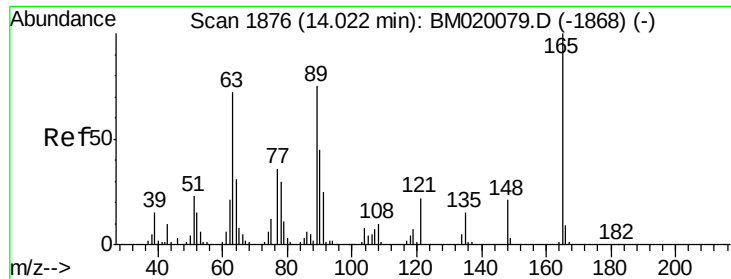
194 4.4 3.6 5.4

164 10.1 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 38.365 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

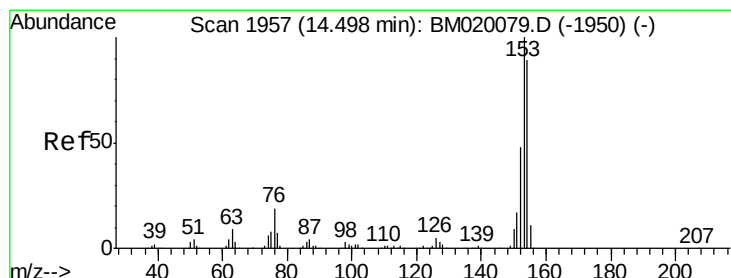
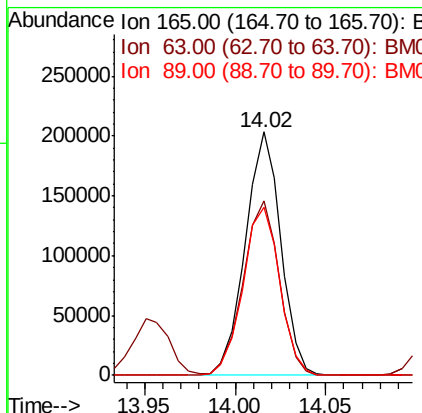
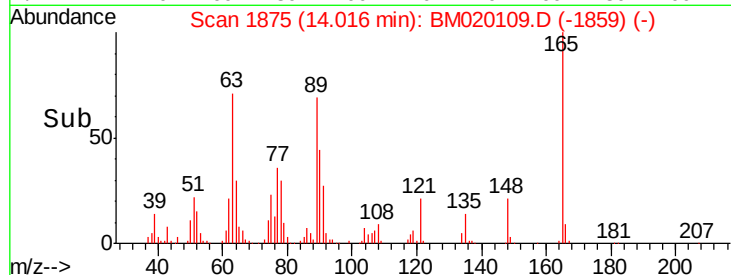
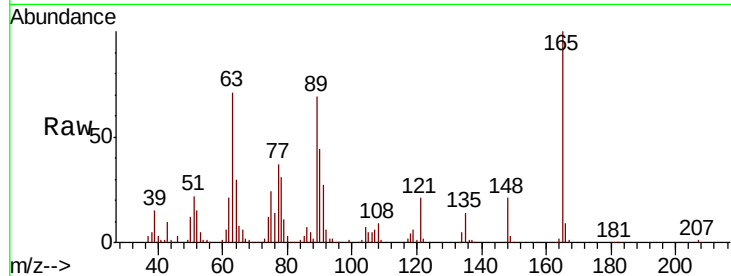
ClientSampled :

PB119431BS

Tot Ion:	165	Resp:	276355
Ion Ratio	Lower	Upper	
165	100		
63	71.5	60.3	90.5
89	68.9	59.8	89.6

Manual Integrations
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#52

Acenaphthene

Concen: 38.809 ng

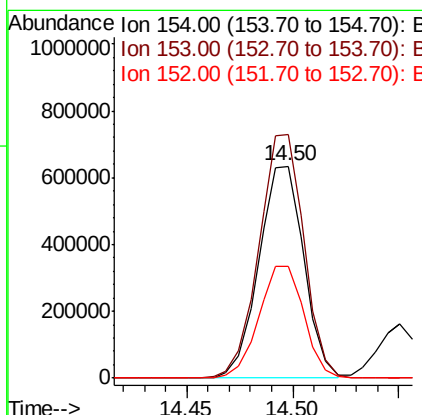
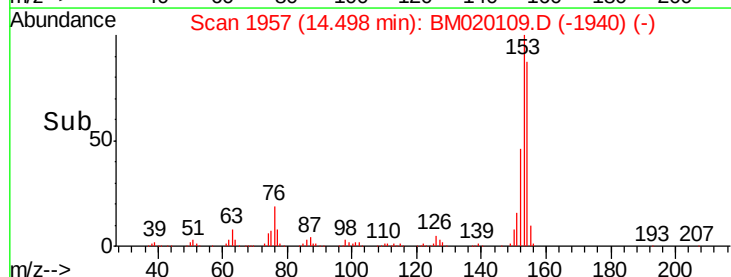
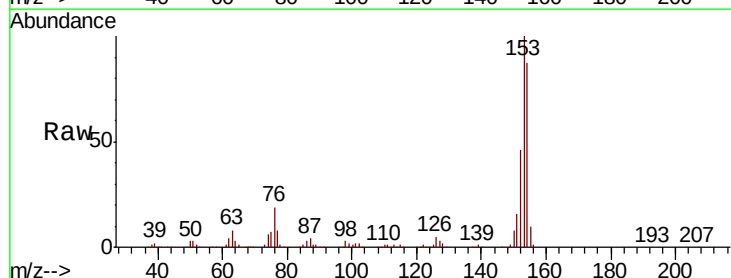
RT: 14.50 min Scan# 1957

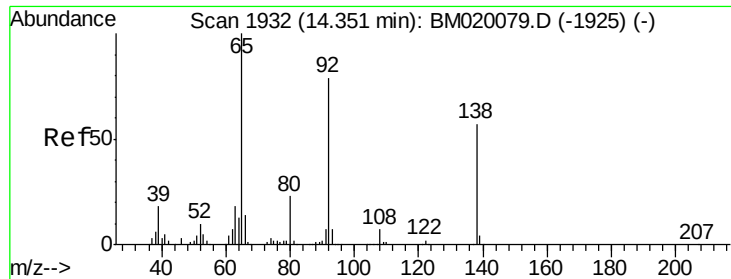
Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	154	Resp:	941884
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.2	135.2
152	52.5	43.0	64.4





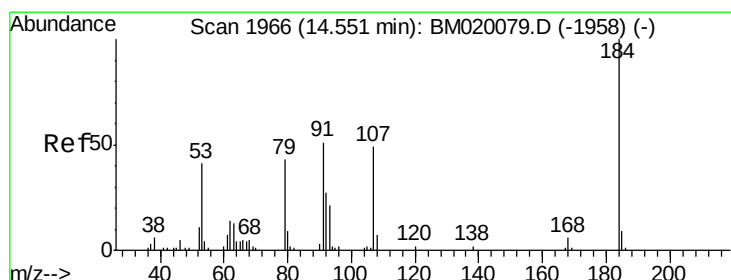
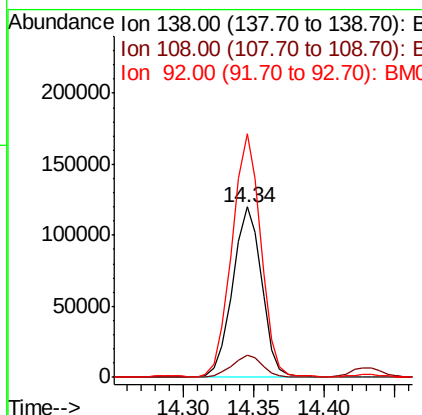
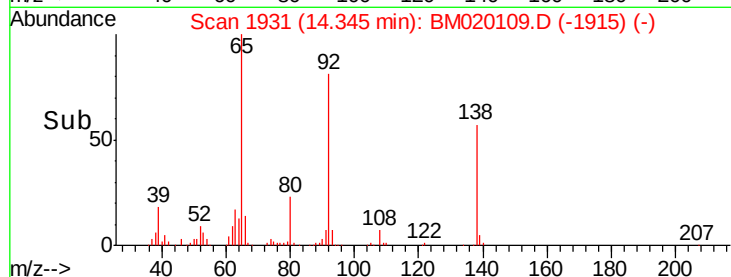
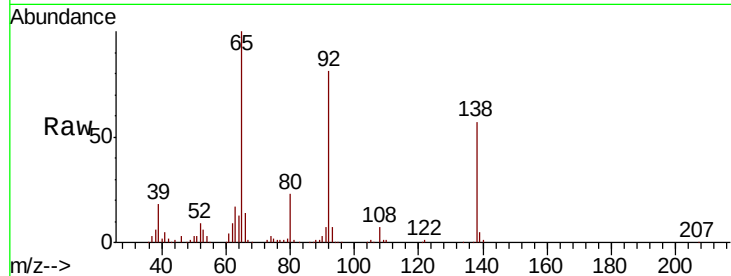
#53
 3-Nitroaniline
 Concen: 25.930 ng
 RT: 14.34 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	10.4	15.6
92	143.1	111.3	166.9

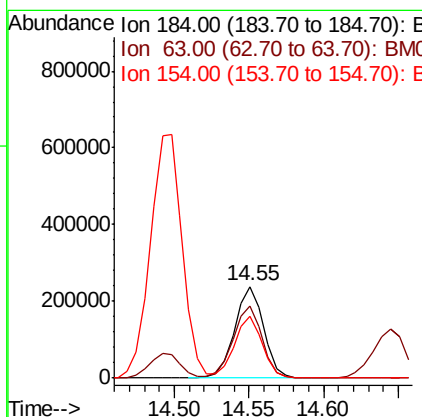
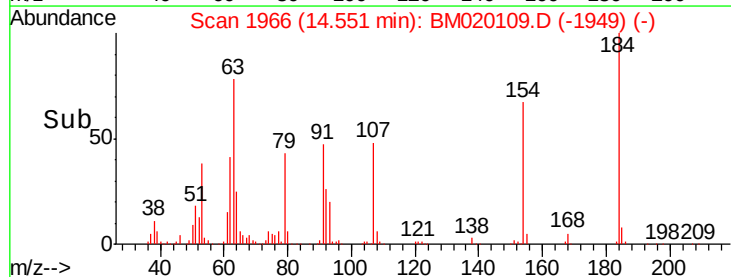
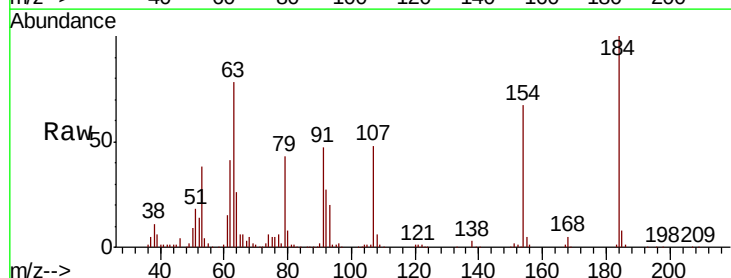
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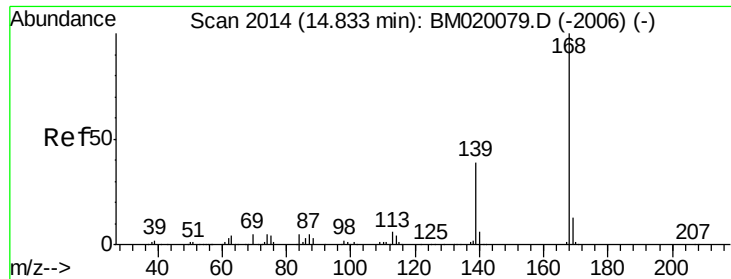
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 88.751 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.3	68.9	103.3
154	67.4	54.4	81.6





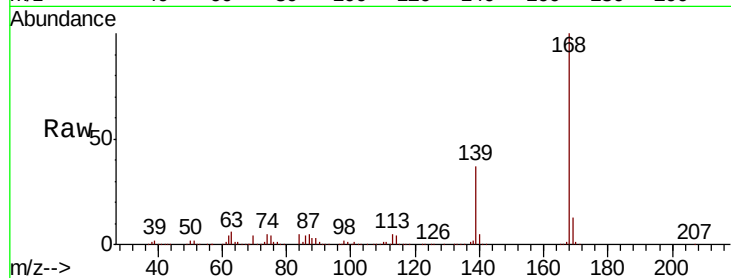
#55
Dibenzofuran
Concen: 38.235 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.1	46.7
169	13.1	10.6	16.0

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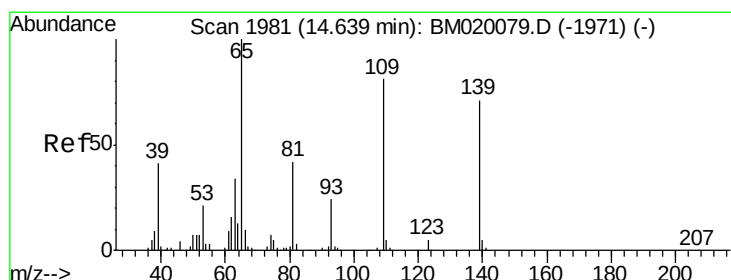
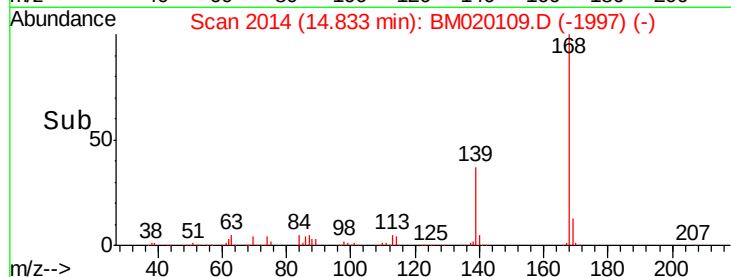
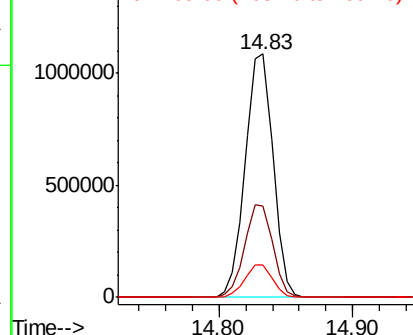


Abundance

Ion 168.00 (167.70 to 168.70): E

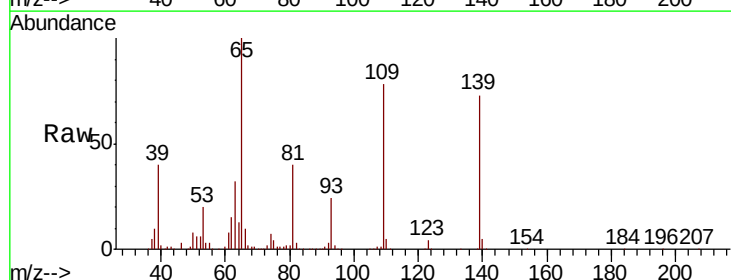
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.326 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.7	94.1	134.1
65	137.8	120.9	160.9

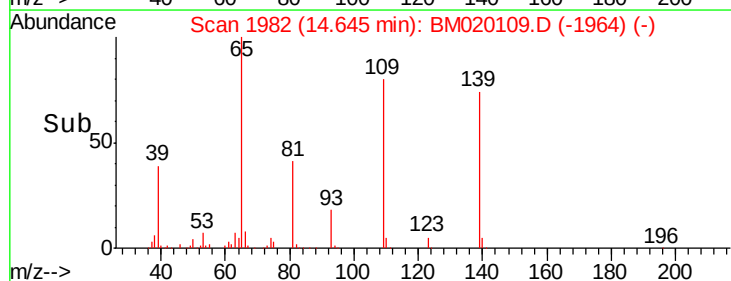
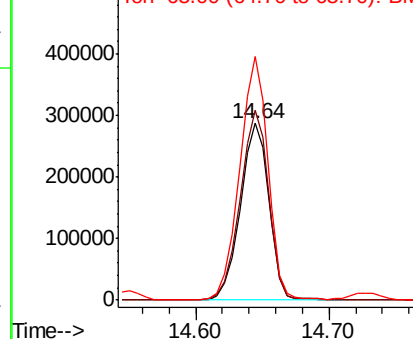


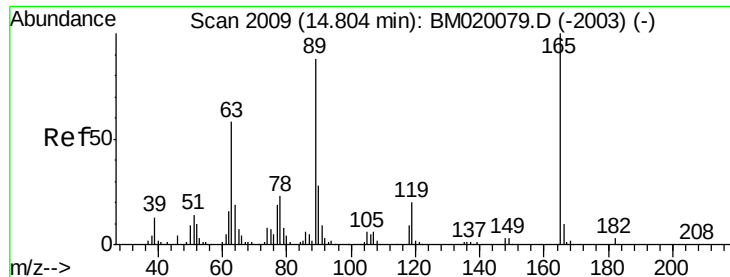
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 37.792 ng

RT: 14.80 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

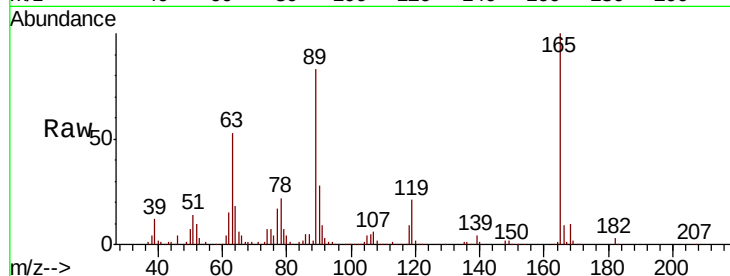
ClientSampleId :

PB119431BS

Tot Ion:	165	Resp:	369903
Ion Ratio	Lower	Upper	
165	100		
63	53.3	46.2	69.2
89	82.6	70.6	105.8
182	3.1	2.2	3.2

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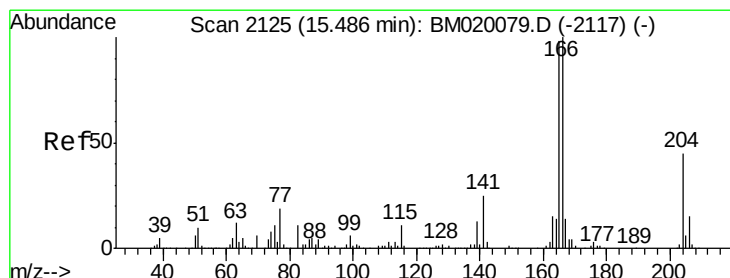
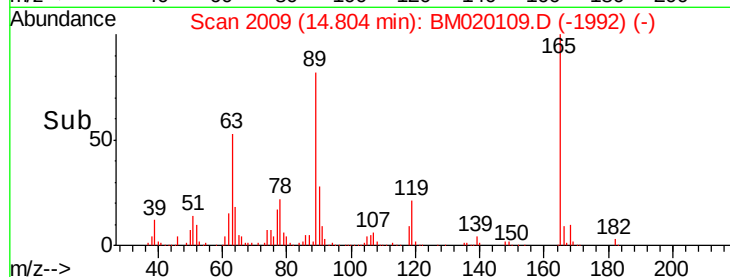
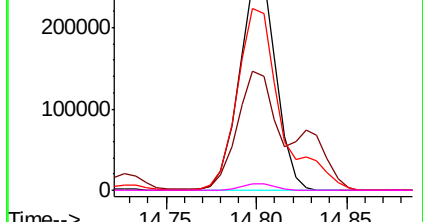


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.606 ng

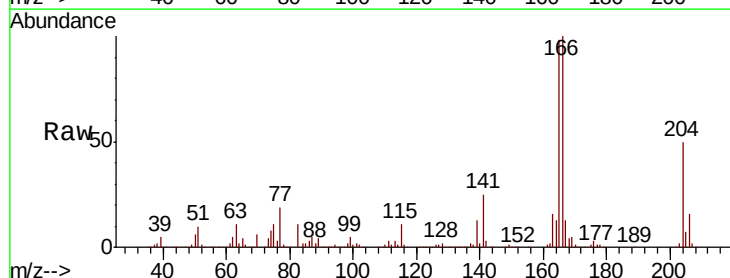
RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

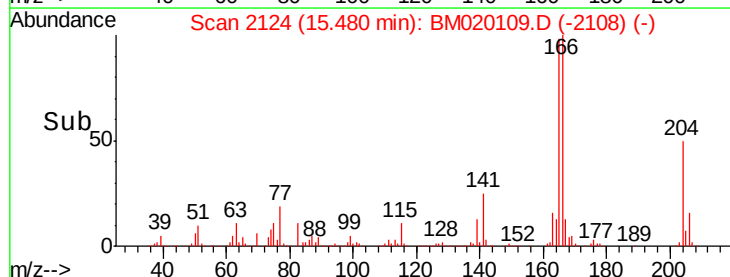
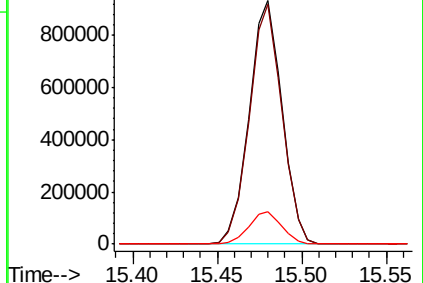
Tgt Ion:	166	Resp:	1264338
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.2	117.2
167	13.2	11.0	16.4

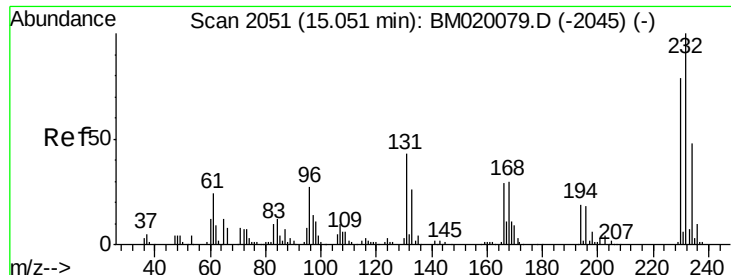


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





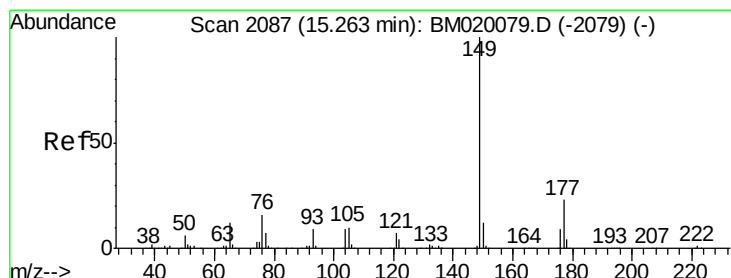
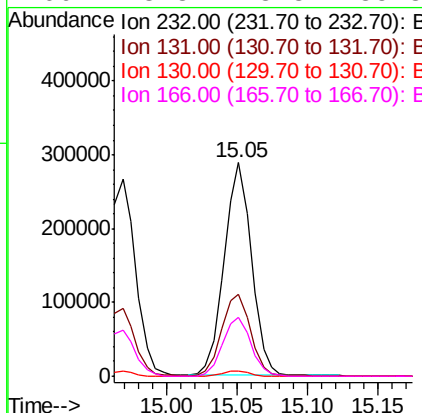
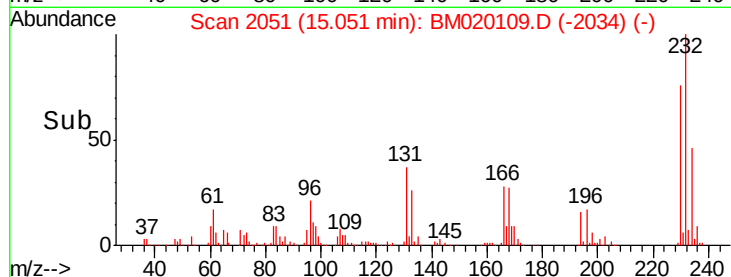
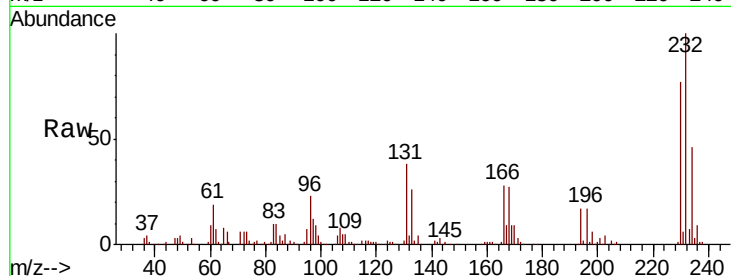
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.006 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	389497		
131	40.3		34.2	51.4
130	2.4		2.0	3.0
166	28.8		23.8	35.8

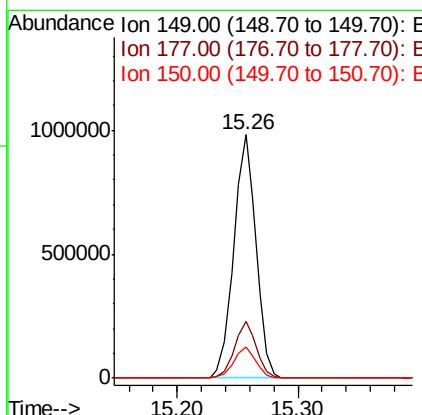
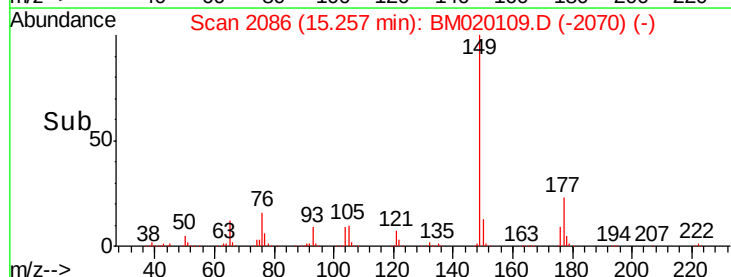
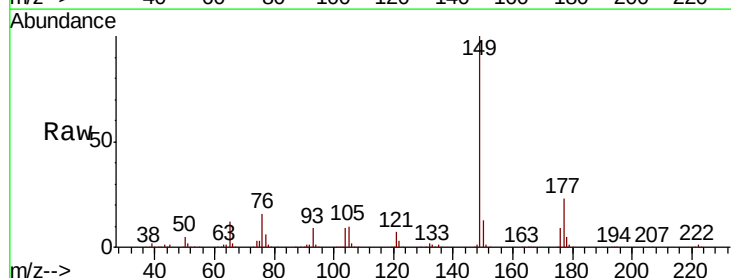
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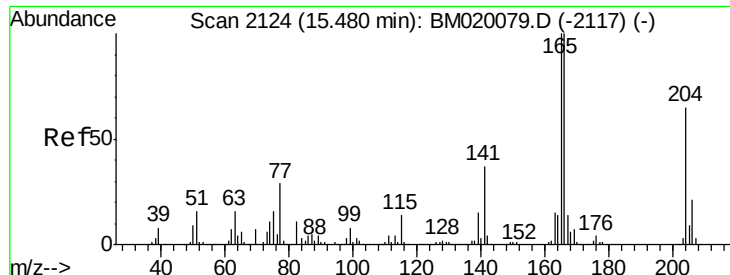
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#60
 Diethylphthalate
 Concen: 36.410 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1254544		
177	23.0		18.2	27.4
150	12.9		9.9	14.9





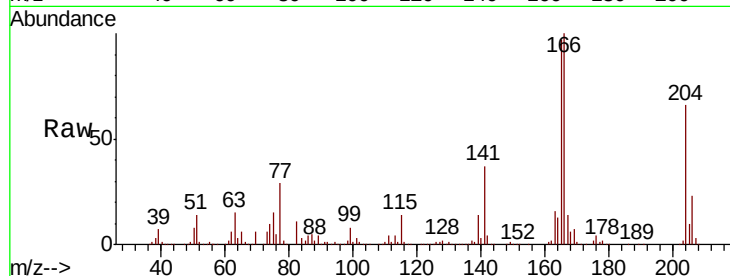
#61
 4-Chlorophenyl-phenylether
 Concen: 38.675 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

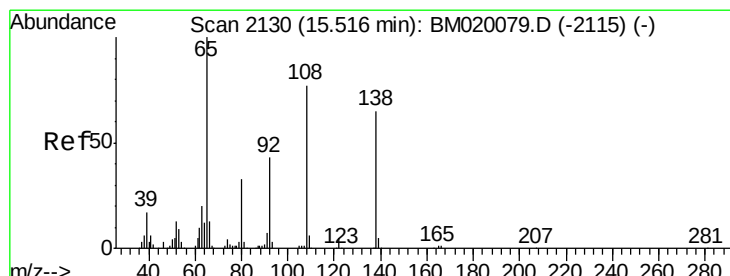
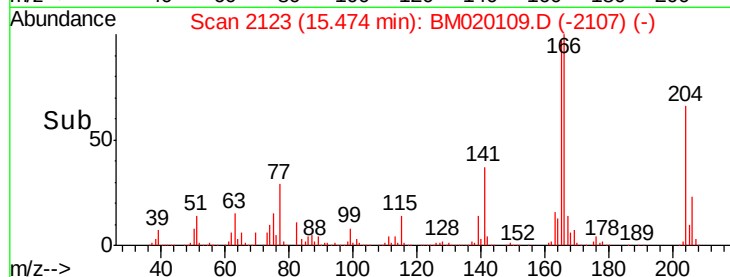
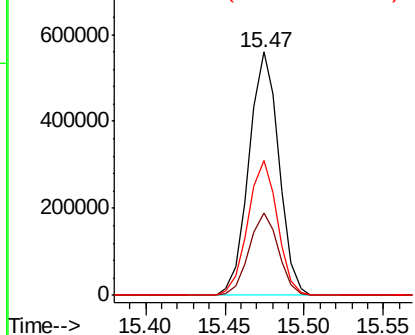
Tot Ion:	204	Resp:	736736
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.6	38.4
141	55.3	46.1	69.1

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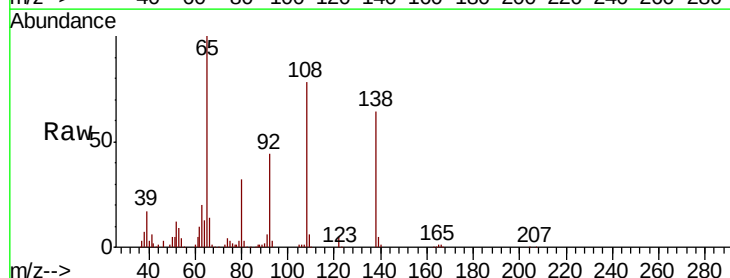


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

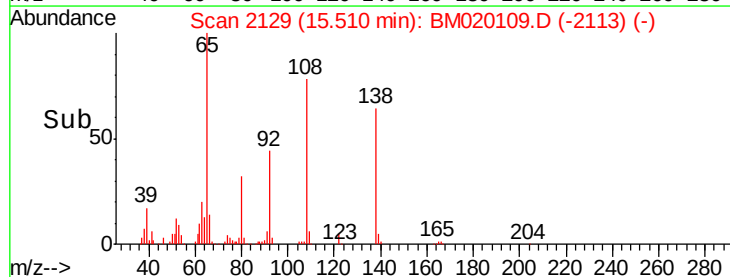
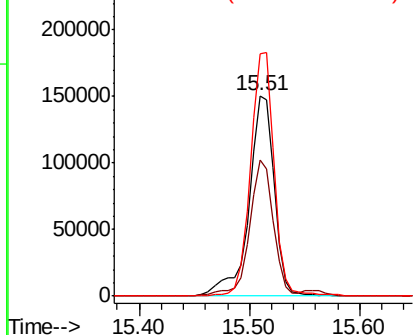


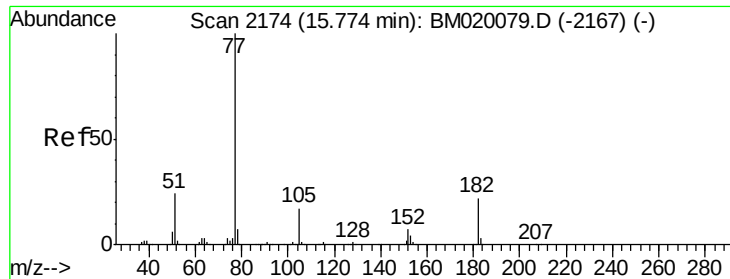
#62
 4-Nitroaniline
 Concen: 33.012 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:	138	Resp:	243567
Ion Ratio	Lower	Upper	
138	100		
92	67.9	45.9	85.9
108	121.0	97.7	137.7



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





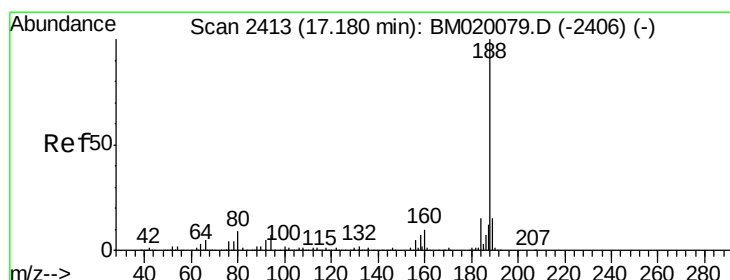
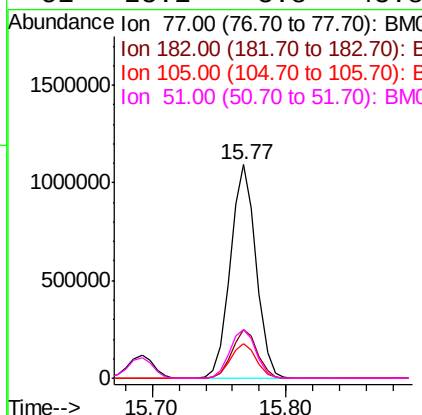
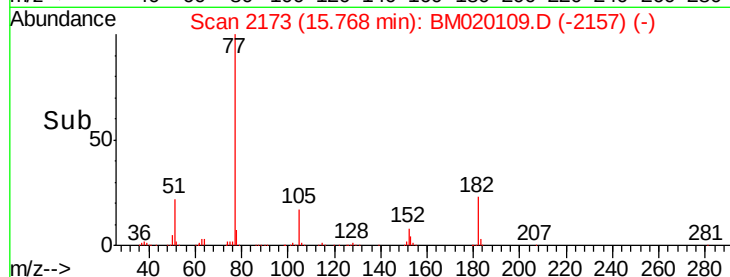
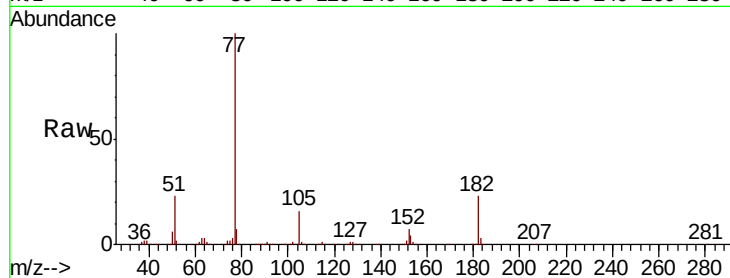
#63
Azobenzene
Concen: 35.908 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.7	2.1	42.1	
105	16.4	0.0	36.8	
51	23.1	3.8	43.8	

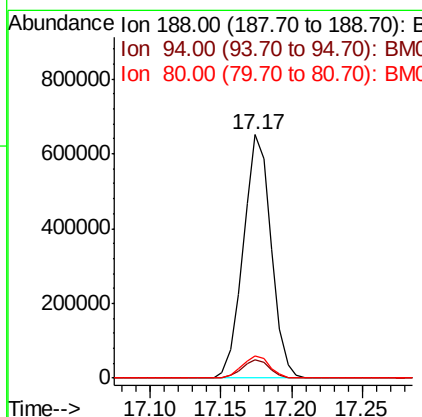
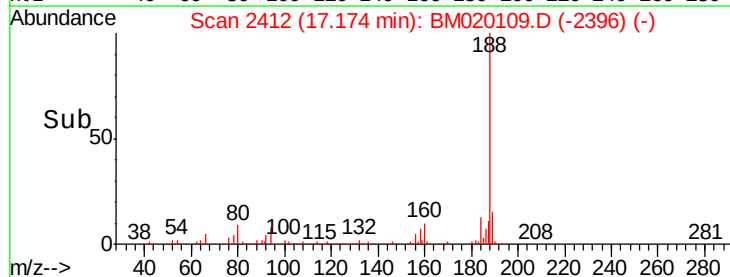
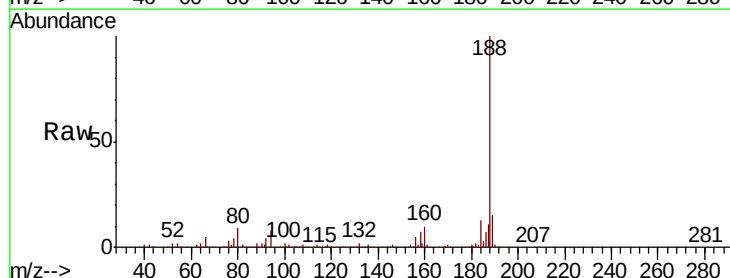
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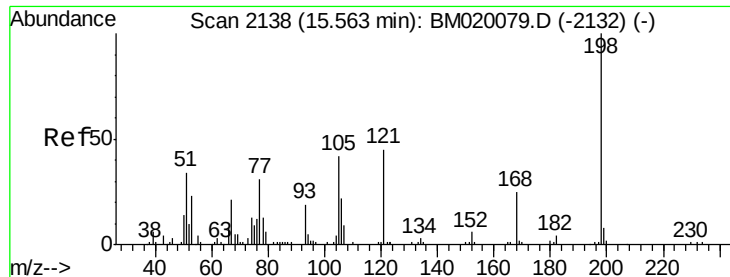
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	5.8	8.6	
80	9.3	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.605 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB119431BS

Tot Ion:198 Resp: 188612

Ion Ratio Lower Upper

198 100

51 36.3 16.5 56.5

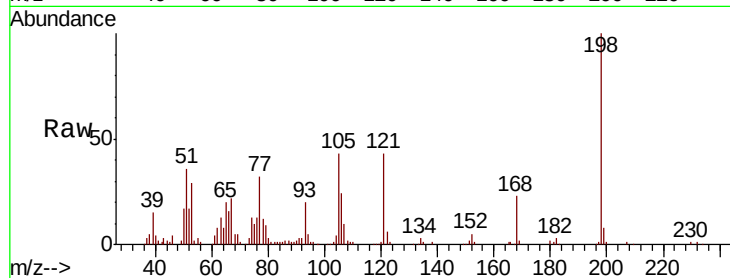
105 42.7 22.8 62.8

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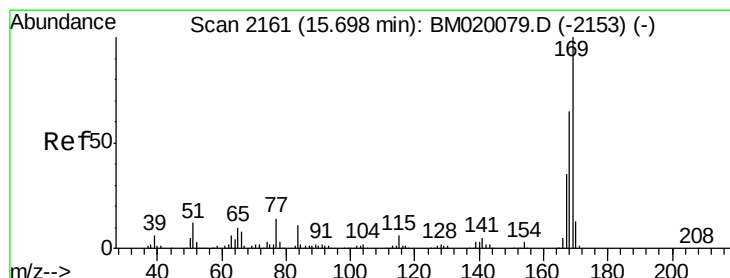
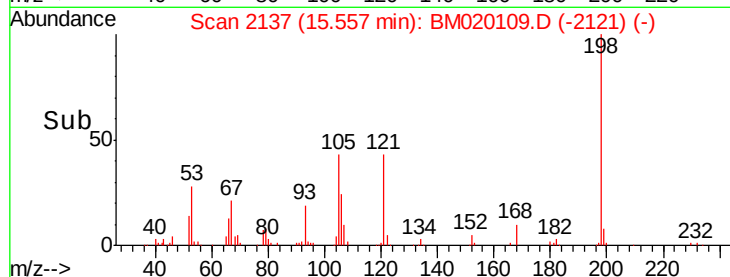
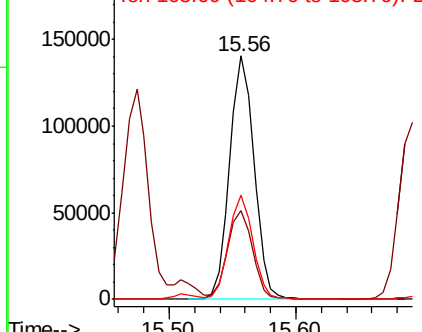
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.171 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

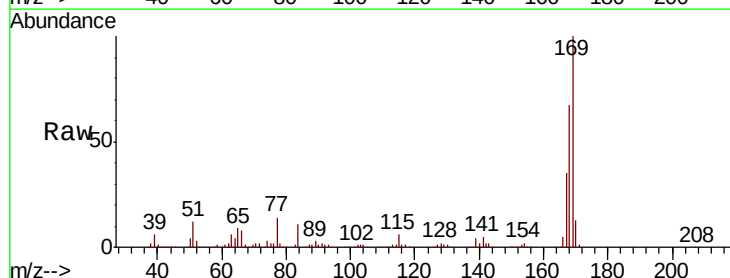
Tgt Ion:169 Resp: 1087080

Ion Ratio Lower Upper

169 100

168 67.1 51.9 77.9

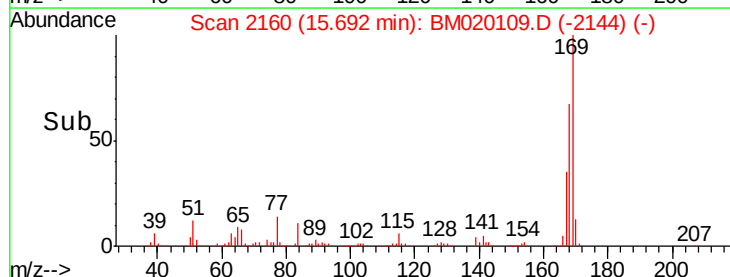
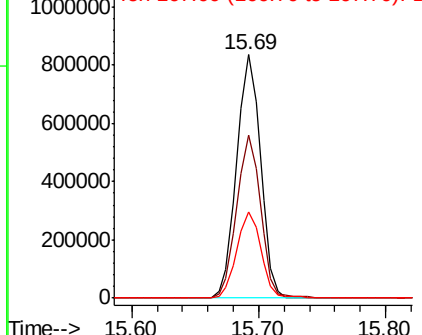
167 35.5 27.8 41.6

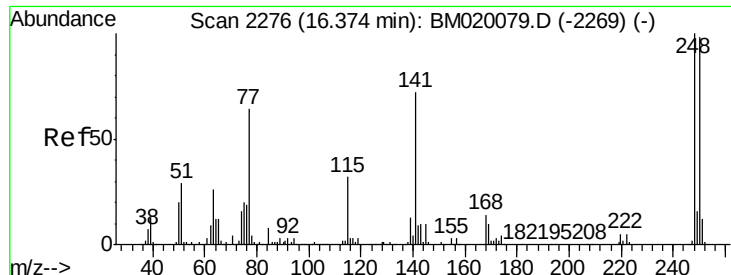


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





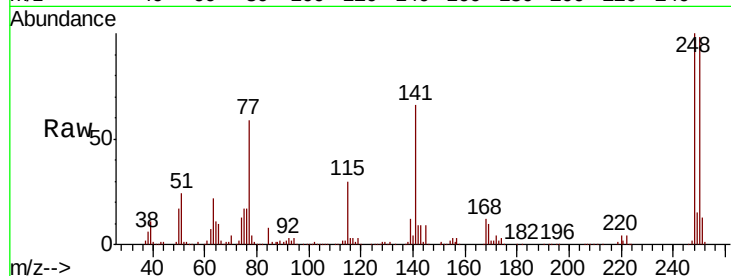
#67
 4-Bromophenyl-phenylether
 Concen: 40.702 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

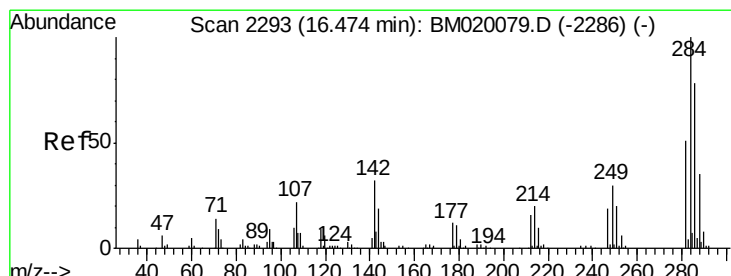
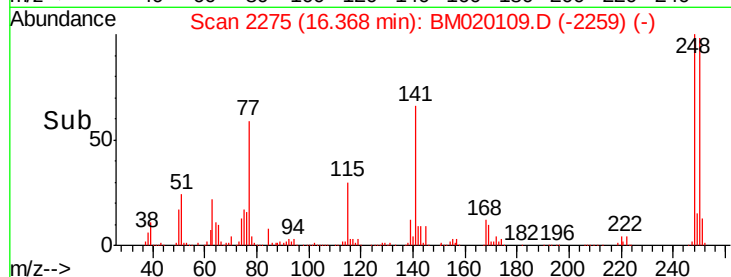
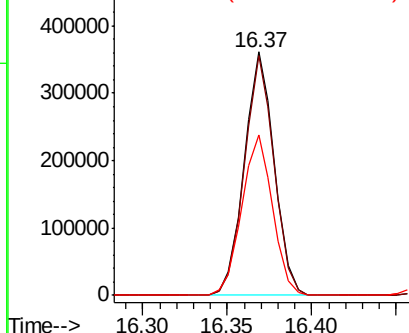
Tot Ion:	248	Resp:	447857
Ion Ratio	Lower	Upper	
248	100		
250	98.4	78.4	117.6
141	66.0	57.4	86.2

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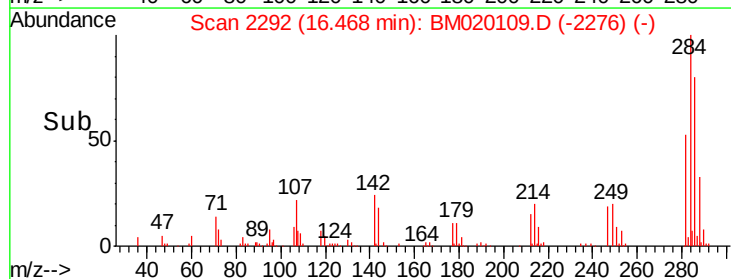
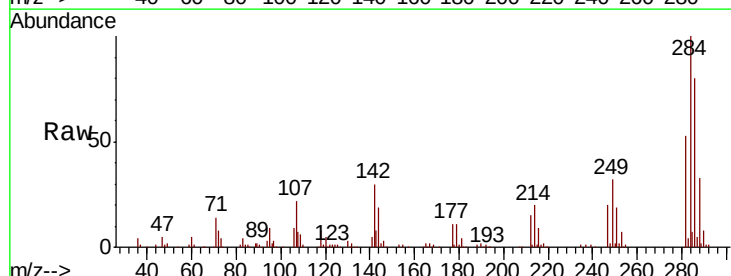
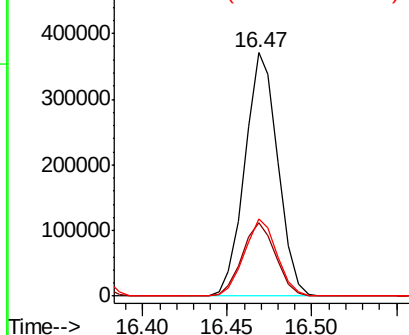
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

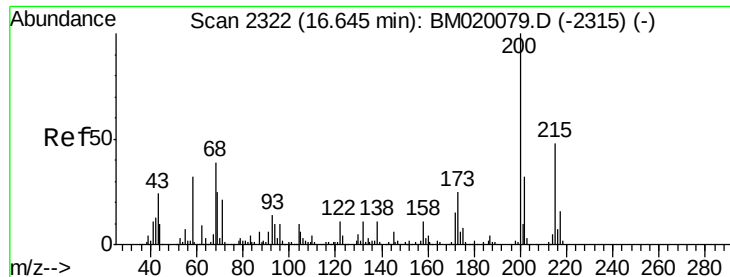


#68
 Hexachlorobenzene
 Concen: 39.838 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:	284	Resp:	504435
Ion Ratio	Lower	Upper	
284	100		
142	30.1	25.2	37.8
249	31.5	23.6	35.4

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





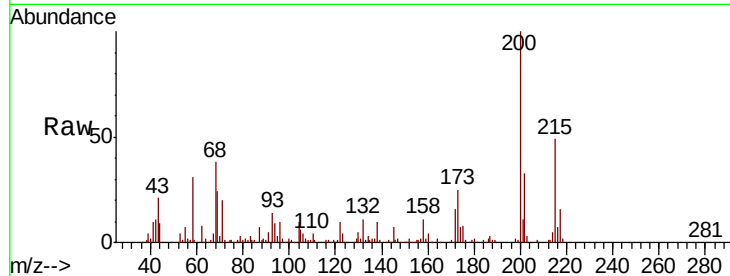
#69
Atrazine
Concen: 36.729 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.5	4.6	44.6	
215	48.8	28.0	68.0	

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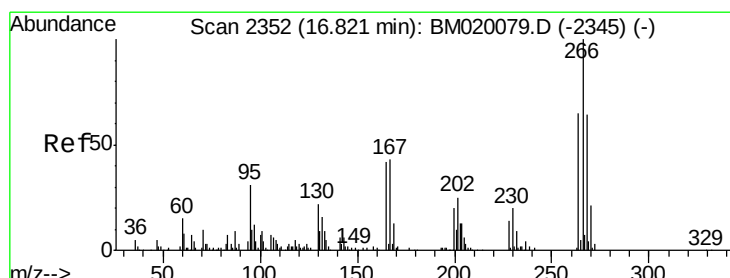
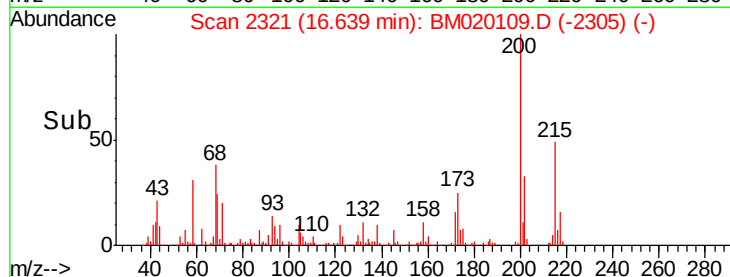
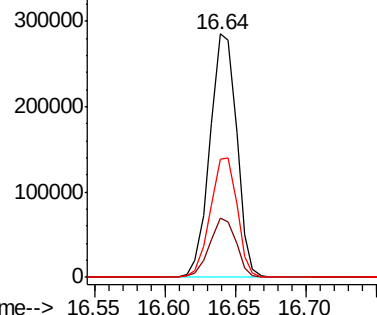


Abundance

Ion 200.00 (199.70 to 200.70): E

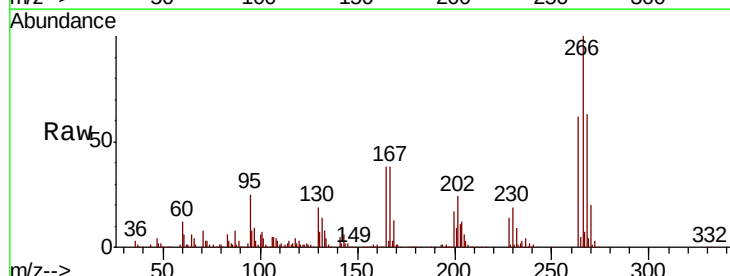
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 85.513 ng
RT: 16.82 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	51.4	77.0	
264	61.5	52.0	78.0	

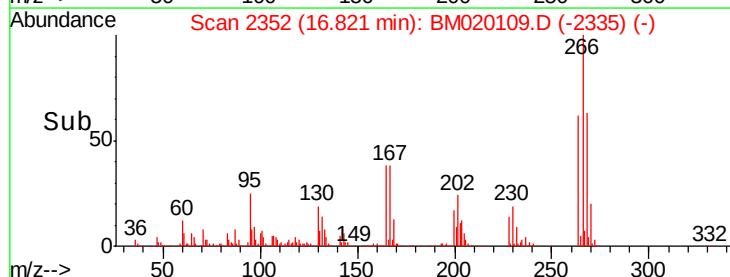
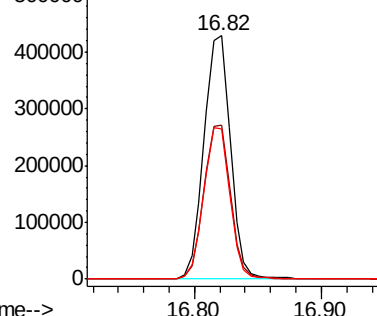


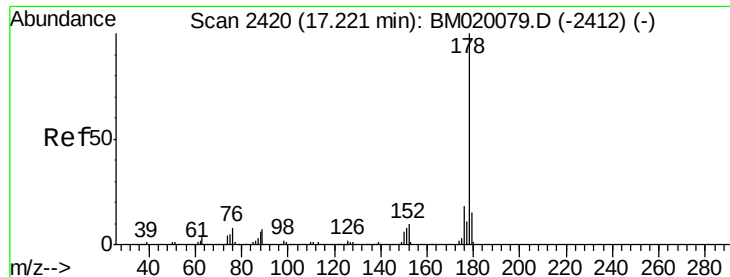
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





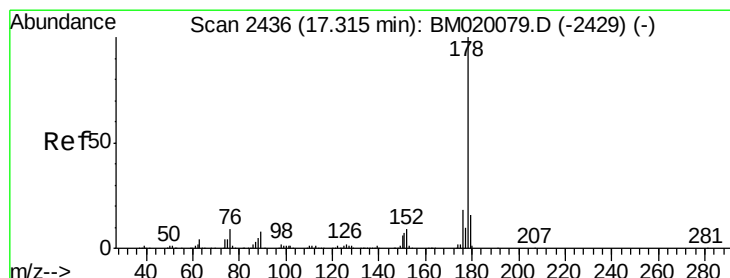
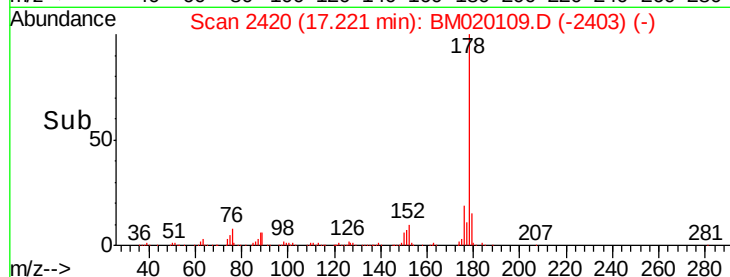
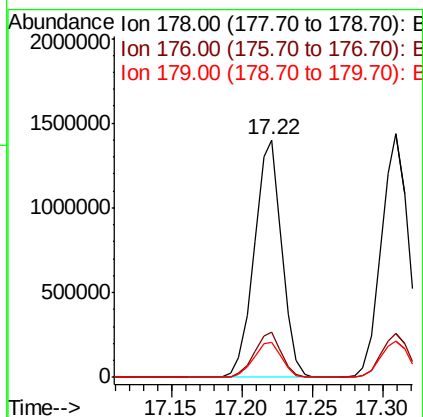
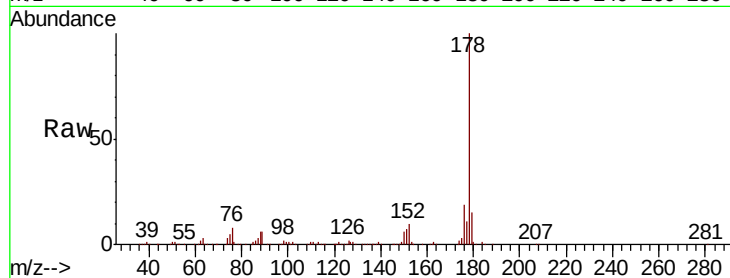
#71
Phenanthrene
Concen: 38.616 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB119431BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.0	12.4	18.6

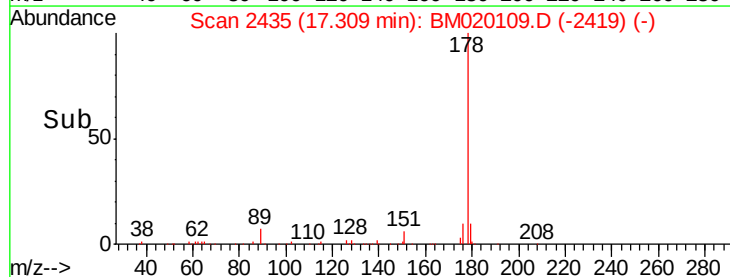
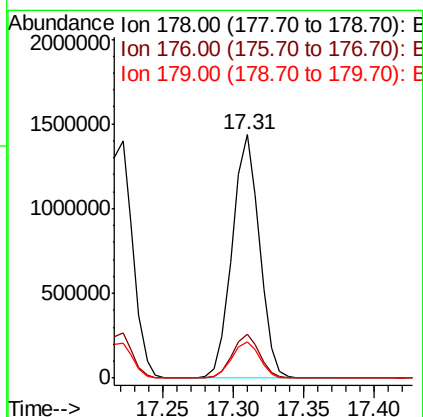
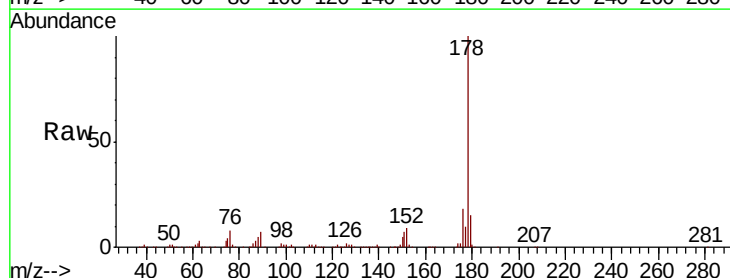
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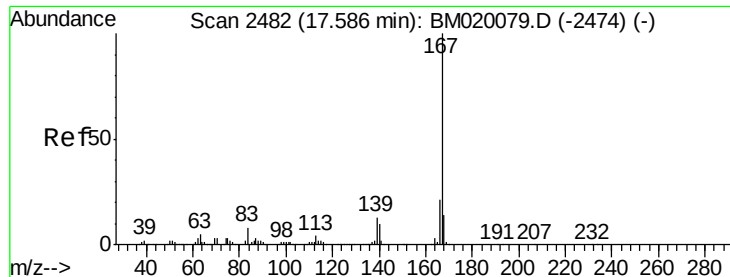
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#72
Anthracene
Concen: 38.978 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.1	12.4	18.6





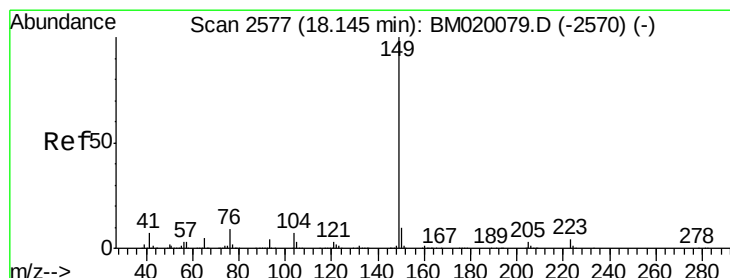
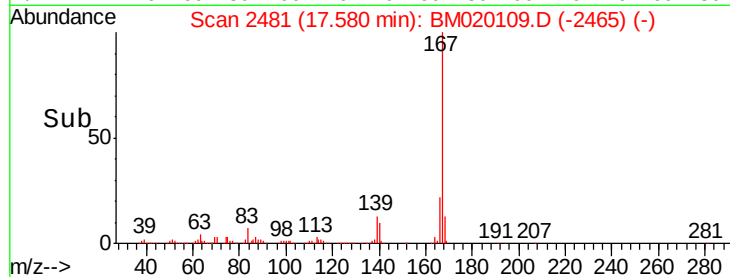
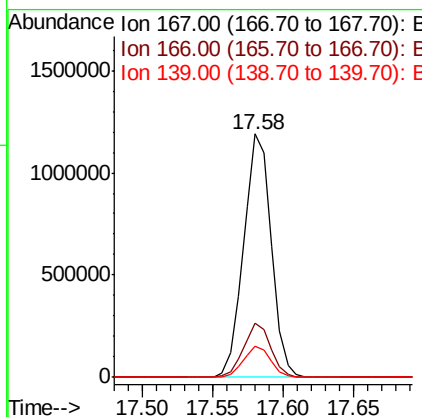
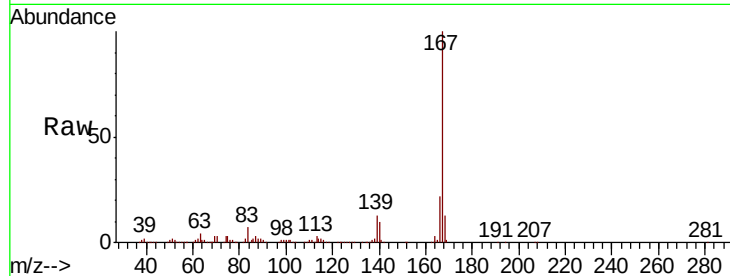
#73
 Carbazole
 Concen: 36.420 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	17.0	25.6	
139	12.7	10.6	16.0	

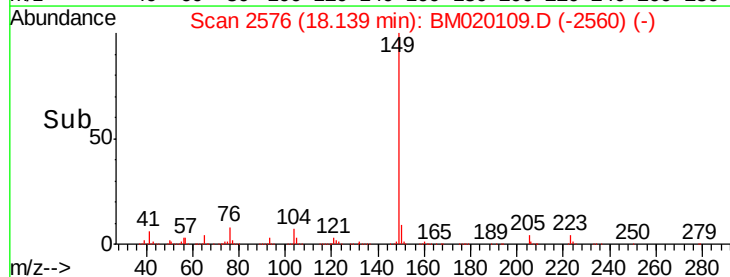
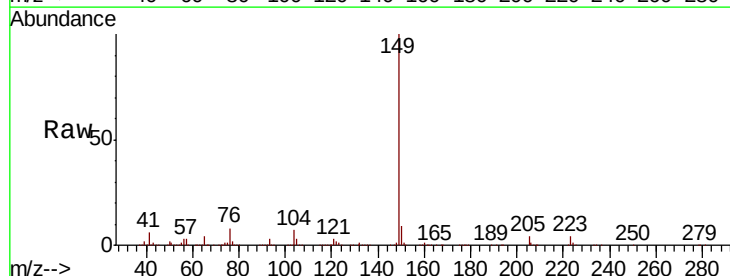
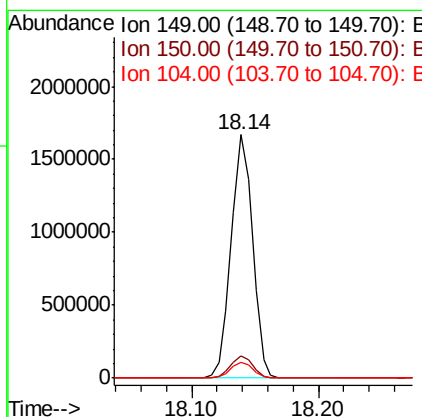
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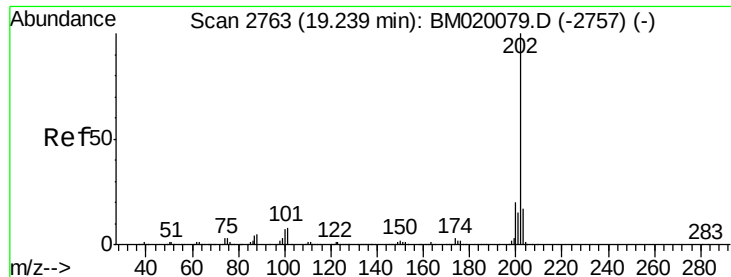
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.203 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.0	7.8	11.6	
104	6.7	5.7	8.5	





#75

Fluoranthene

Concen: 35.294 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

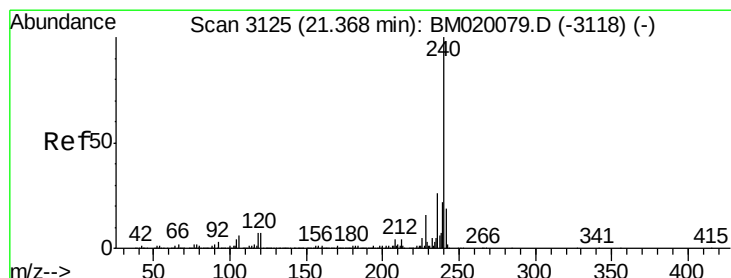
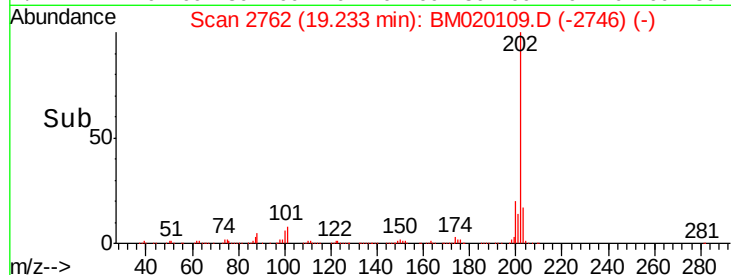
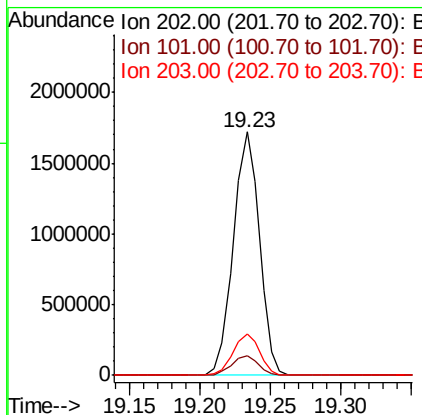
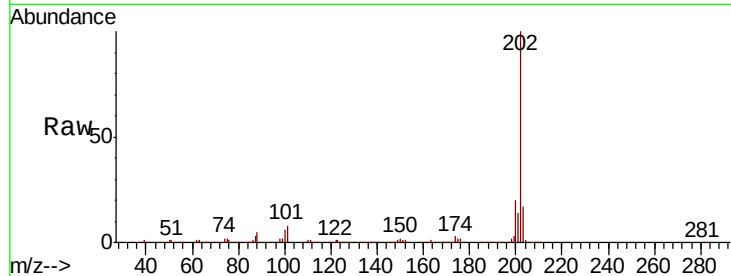
ClientSampleId :

PB119431BS

Tot Ion:	202	Resp:	2211932
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	28.4
203	17.3	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

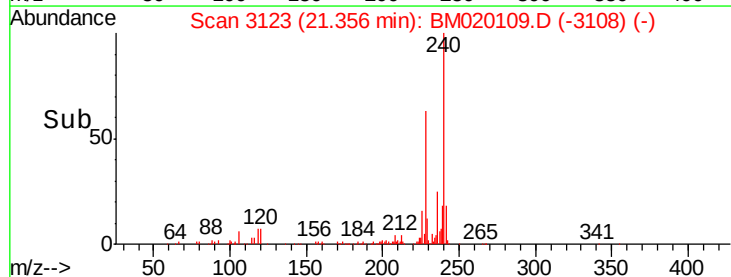
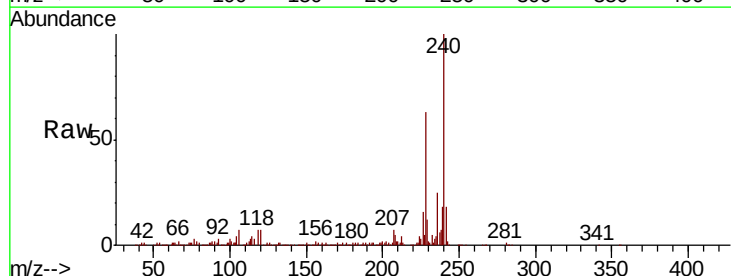
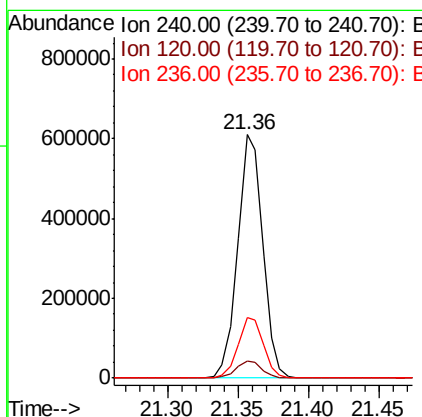
RT: 21.36 min Scan# 3123

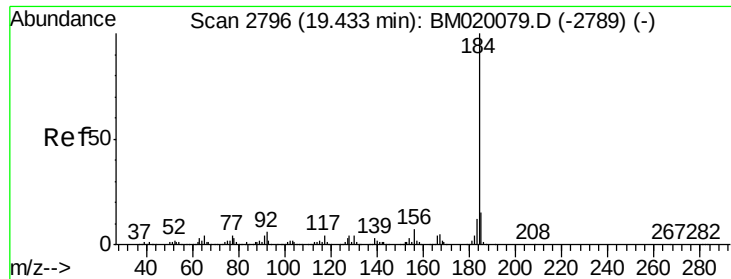
Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	240	Resp:	754674
Ion Ratio	Lower	Upper	
240	100		
120	7.0	5.6	8.4
236	24.9	20.9	31.3





#77

Benzidine

Concen: 25.972 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

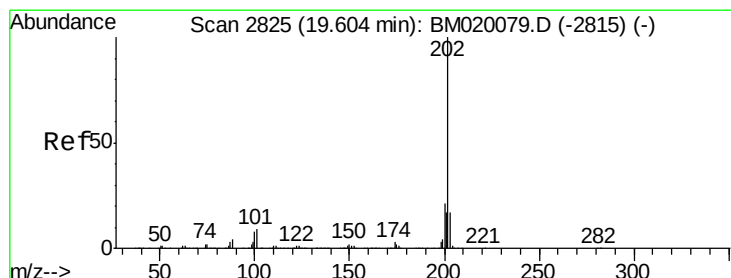
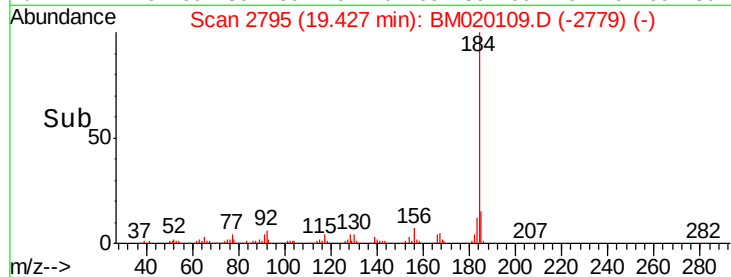
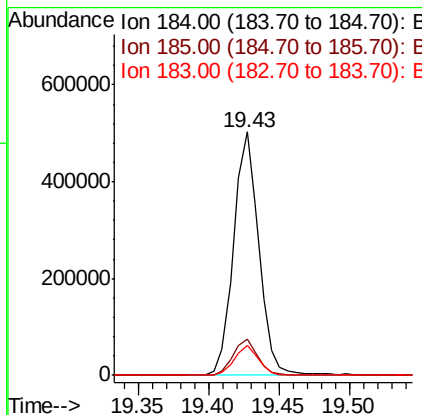
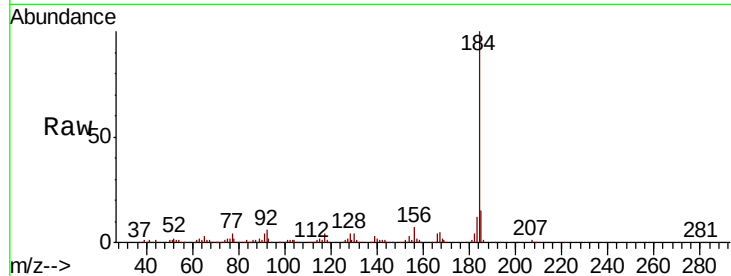
ClientSampleId :

PB119431BS

Tot Ion:	184	Resp:	626632
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	12.2	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 43.789 ng

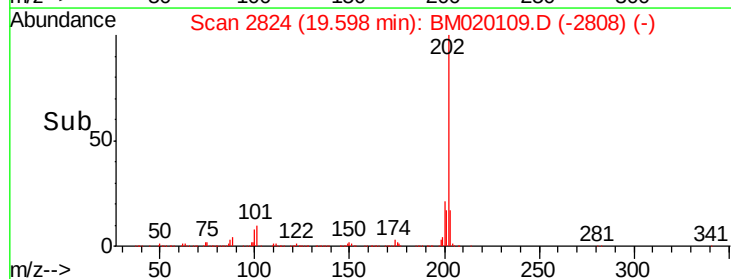
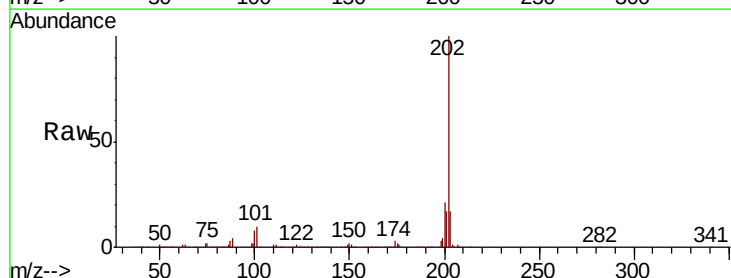
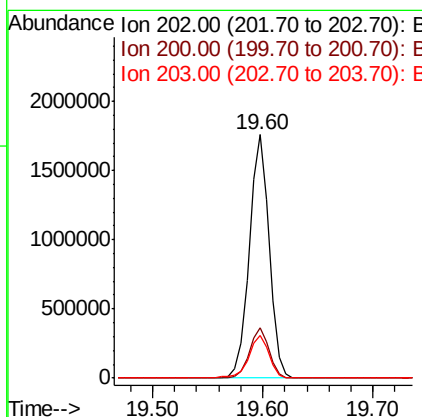
RT: 19.60 min Scan# 2824

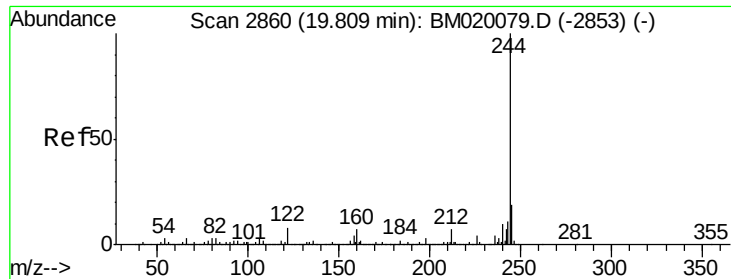
Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	202	Resp:	2218706
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.5	24.7
203	17.5	13.9	20.9





#79

Terphenyl-d14

Concen: 85.833 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB119431BS

Tot Ion:244 Resp: 3713772

Ion Ratio Lower Upper

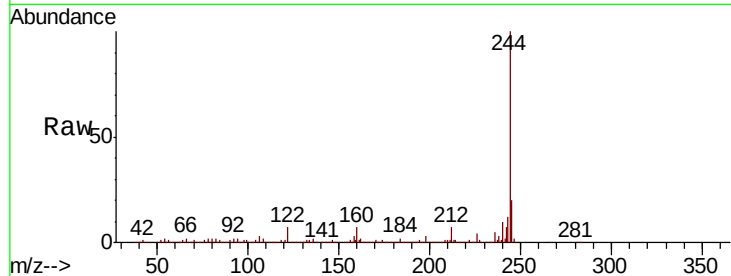
244 100

212 6.8 5.7 8.5

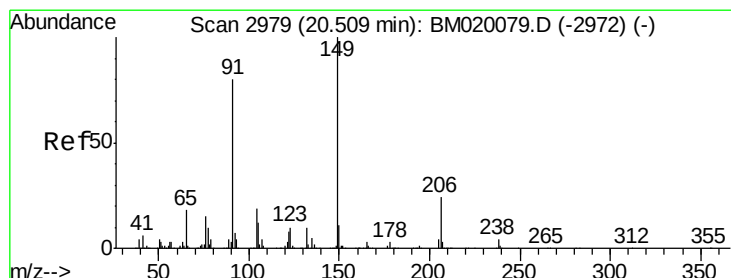
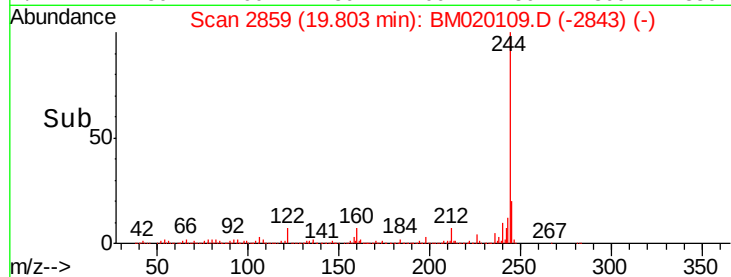
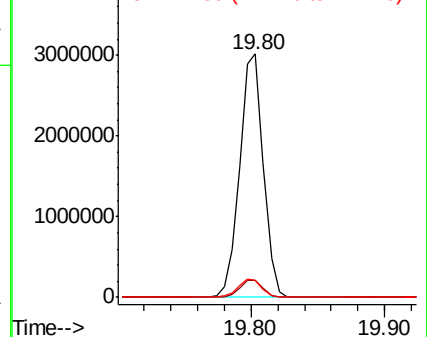
122 7.2 6.2 9.2

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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: 42.435 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

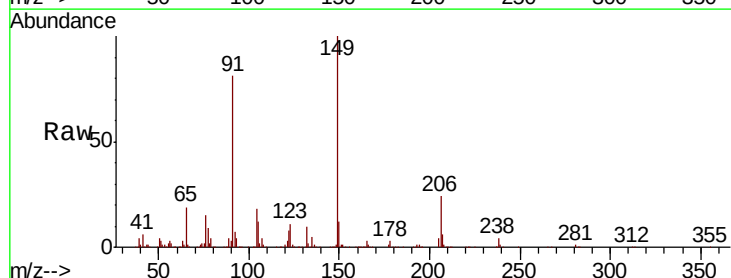
Tgt Ion:149 Resp: 781895

Ion Ratio Lower Upper

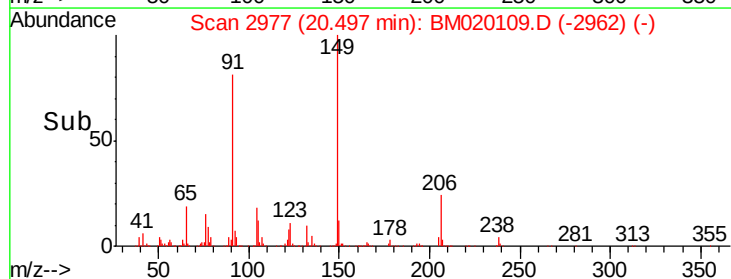
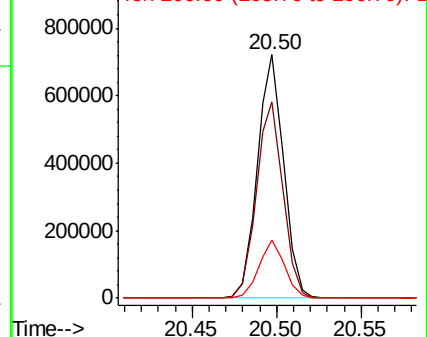
149 100

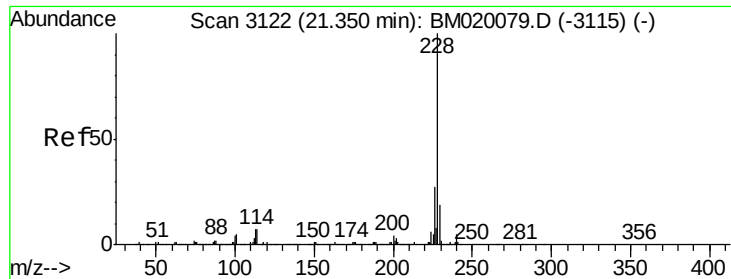
91 80.8 63.8 95.8

206 23.6 18.9 28.3



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





#81

Benzo(a)anthracene

Concen: 37.703 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

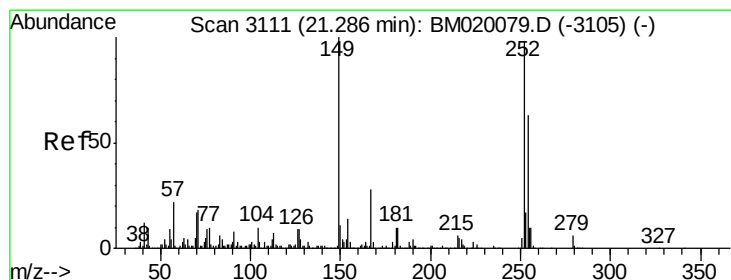
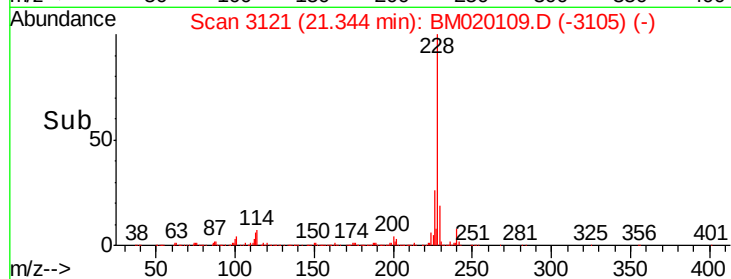
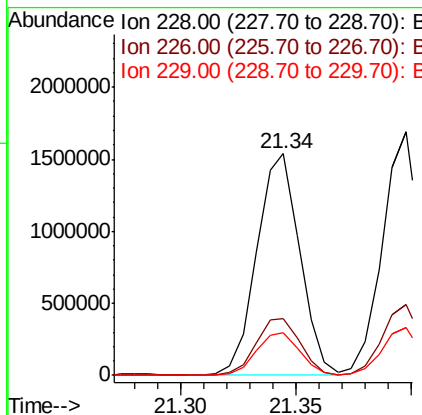
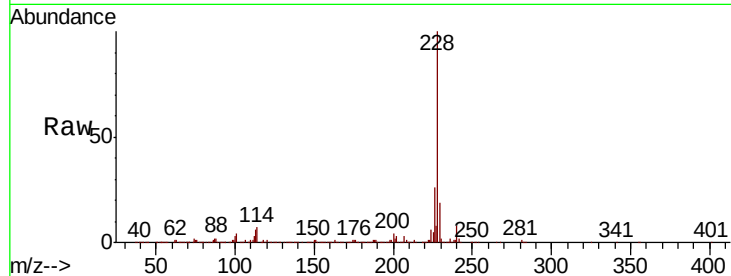
ClientSampleId :

PB119431BS

Tot Ion:	228	Resp:	1995424
Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.3	31.9
229	19.2	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 34.596 ng

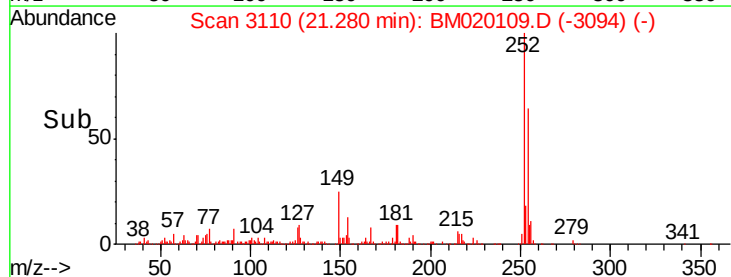
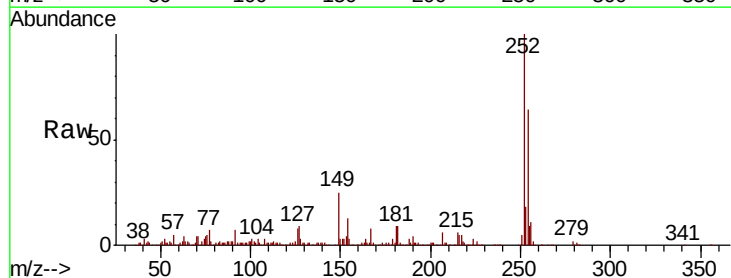
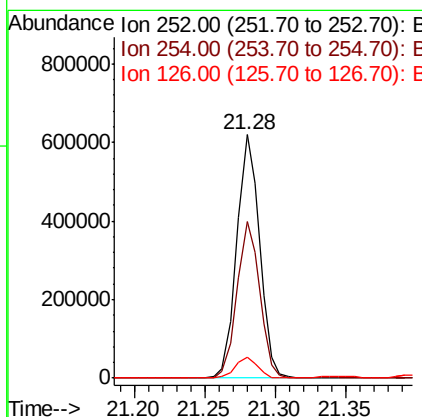
RT: 21.28 min Scan# 3110

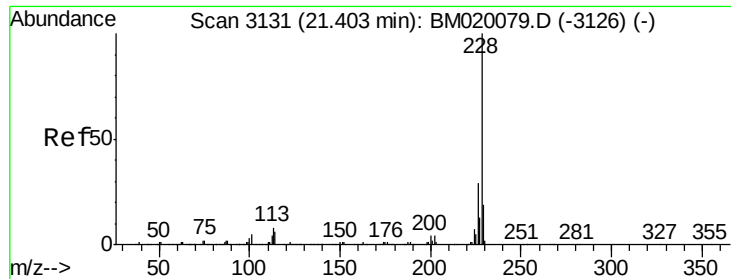
Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:	252	Resp:	698840
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.1	76.7
126	8.4	7.1	10.7





#83

Chrysene

Concen: 38.450 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB119431BS

Tot Ion:228 Resp: 1973554

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	19.5	15.5	23.3

228 100

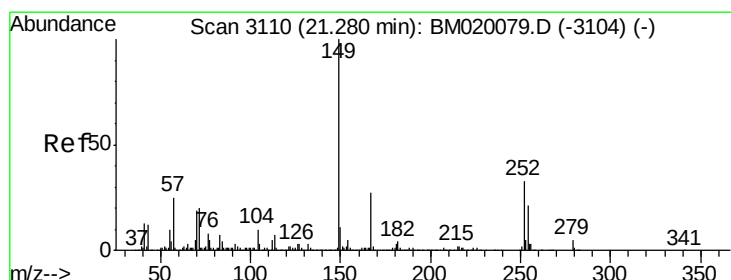
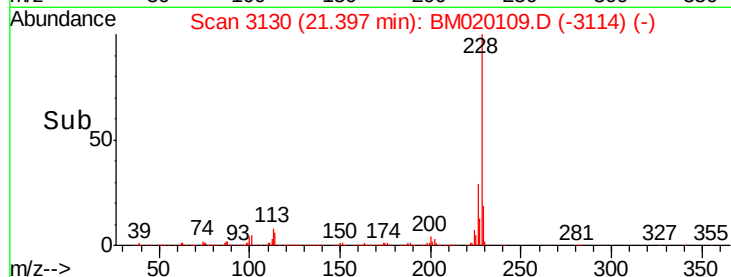
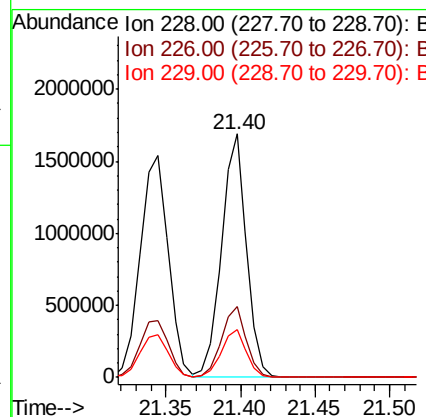
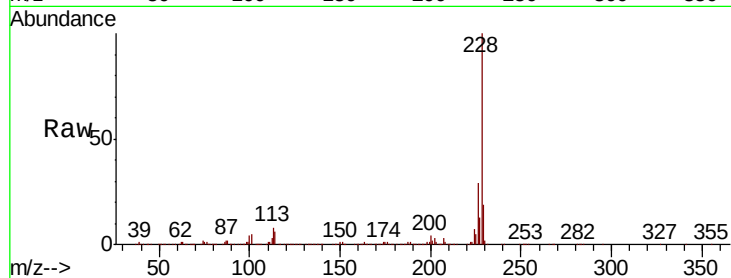
226 29.1 23.0 34.6

229 19.5 15.5 23.3

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#84

Bis(2-ethylhexyl)phthalate

Concen: 38.278 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

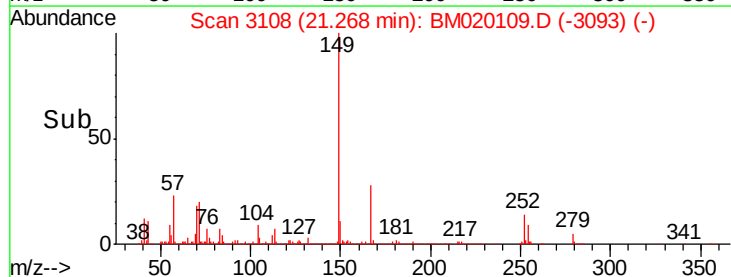
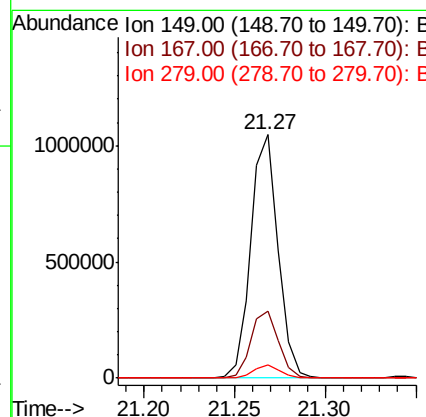
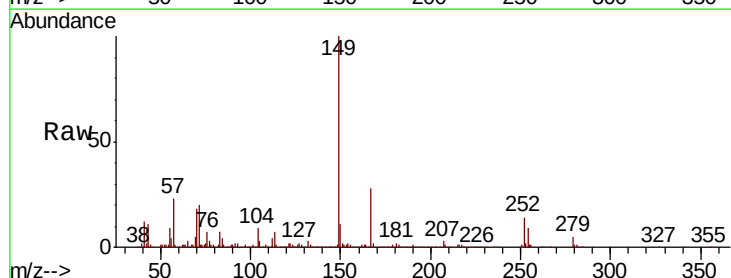
Tgt Ion:149 Resp: 1094421

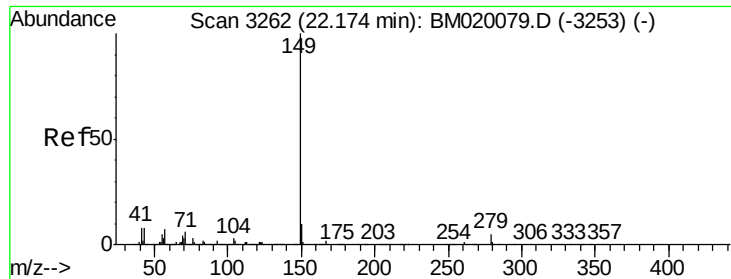
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	5.4	4.2	6.2

149 100

167 27.5 21.8 32.8

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 36.815 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

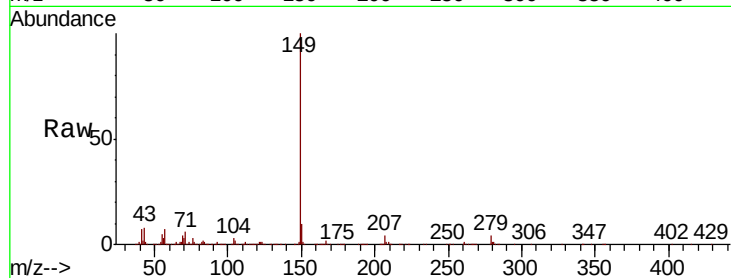
ClientSampleId :

PB119431BS

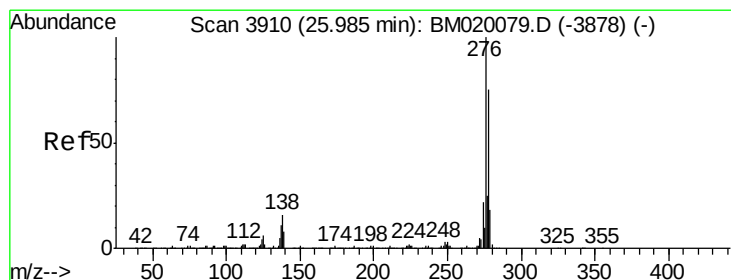
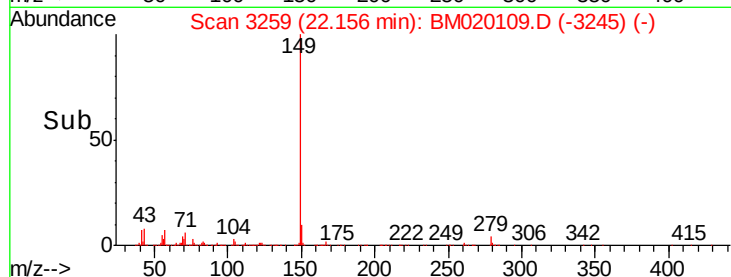
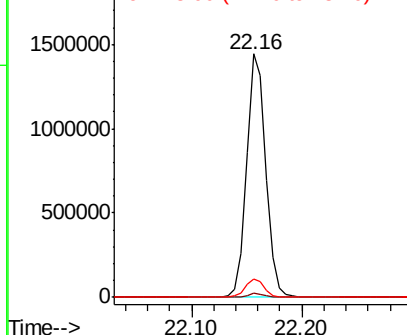
Tot Ion:	149	Resp:	1749483
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.5	9.7

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.526 ng

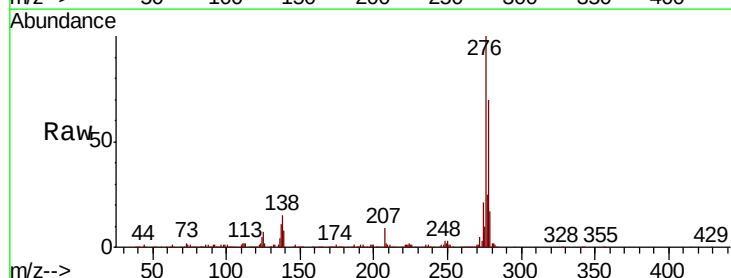
RT: 25.97 min Scan# 3907

Delta R.T. -0.02 min

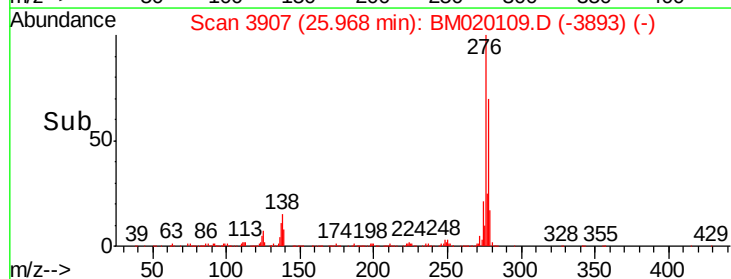
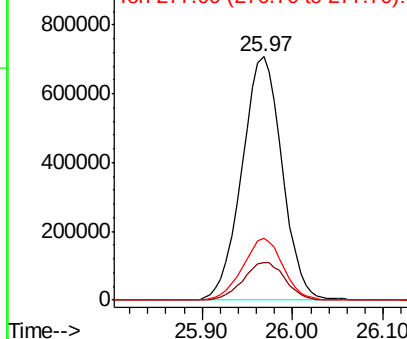
Lab File: BM020109.D

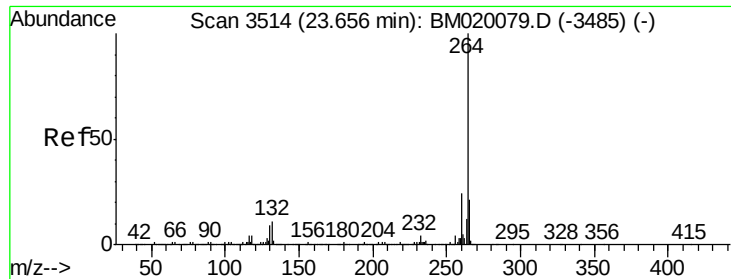
Acq: 03 May 2019 13:28

Tgt Ion:	276	Resp:	2169015
Ion	Ratio	Lower	Upper
276	100		
138	16.1	0.0	0.0#
277	25.4	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
800000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





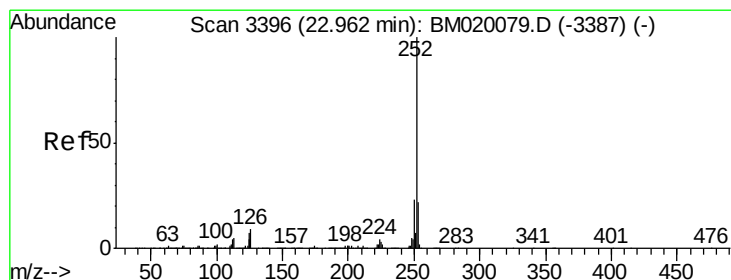
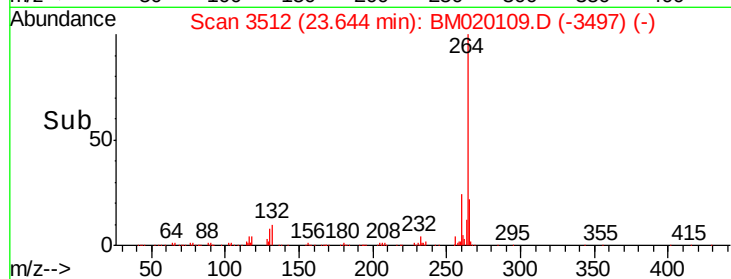
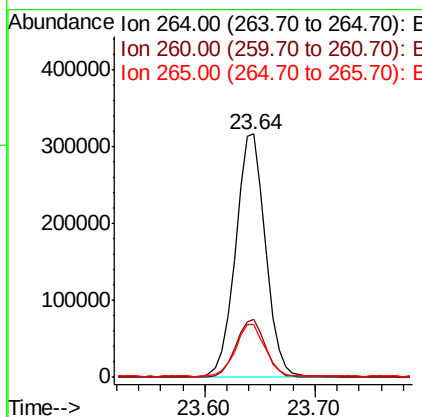
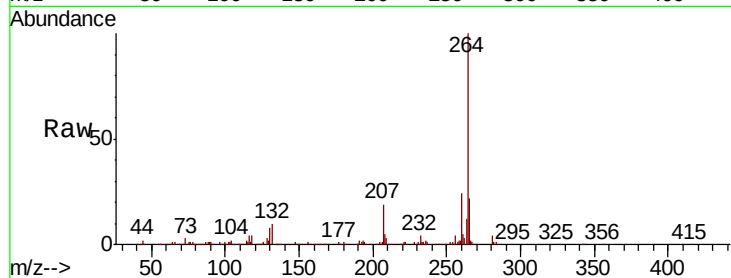
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BS

Tot Ion:	264	Resp:	604088
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3

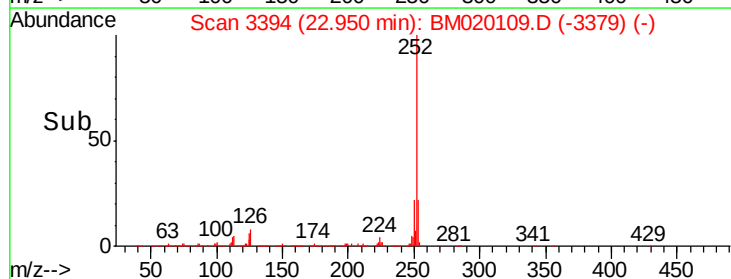
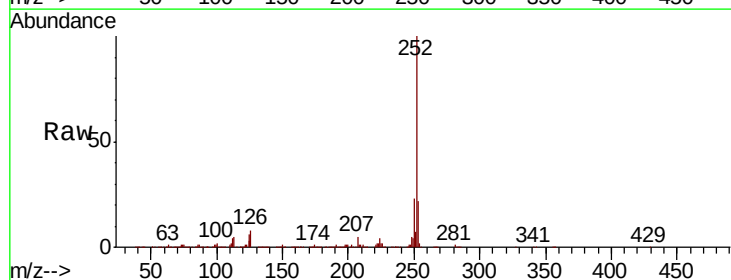
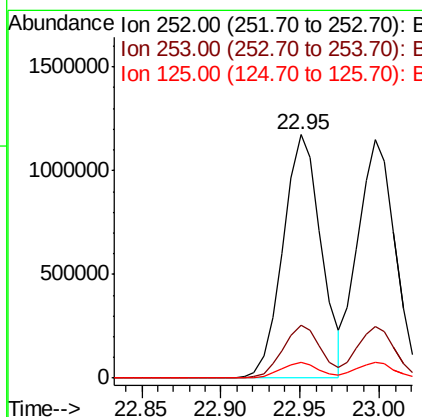
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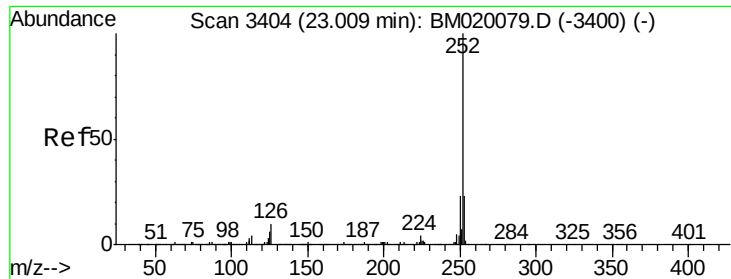
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 49.093 ng
 RT: 22.95 min Scan# 3394
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:	252	Resp:	1958343
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	6.3	5.4	8.2





#89

Benzo(k)fluoranthene

Concen: 51.560 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

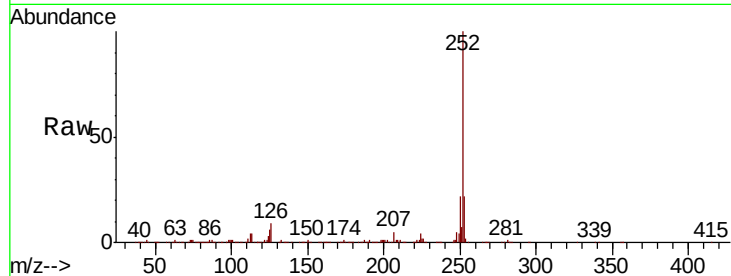
ClientSampleId :

PB119431BS

Tot Ion:	252	Resp:	1876156
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.5	5.4	8.0

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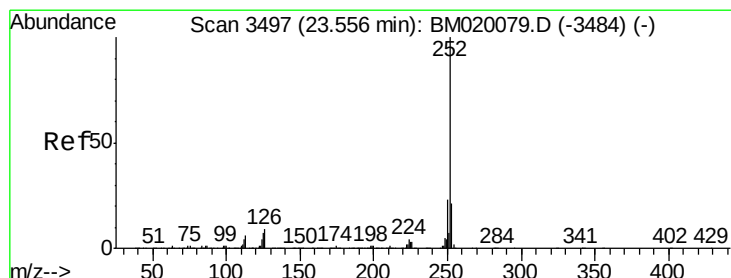
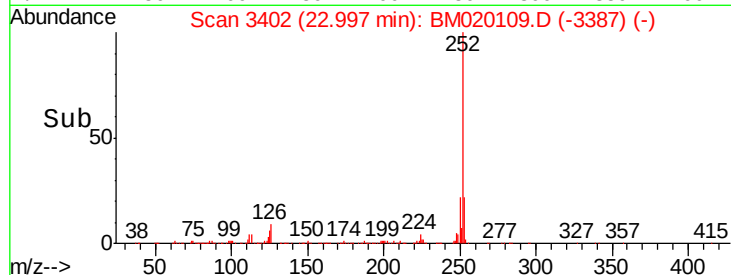
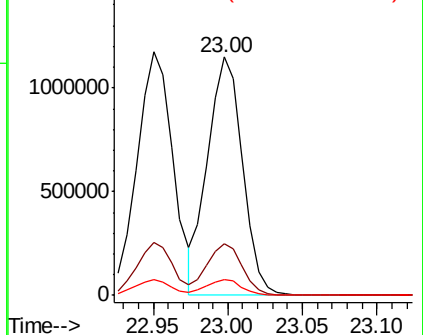


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.529 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

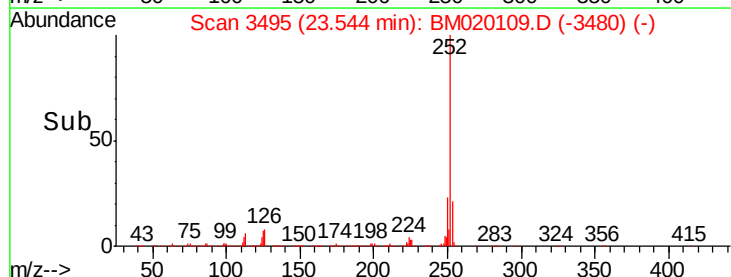
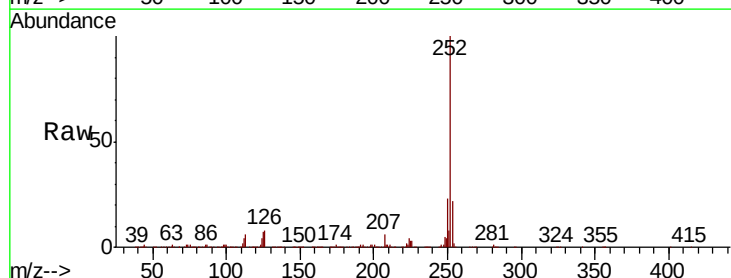
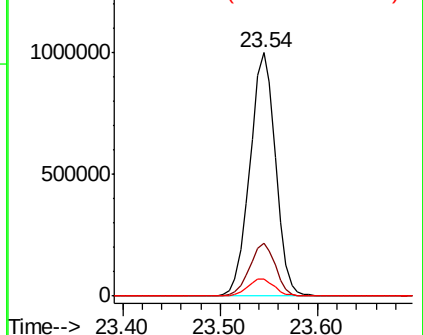
Tgt Ion:	252	Resp:	1830858
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	7.3	5.5	8.3

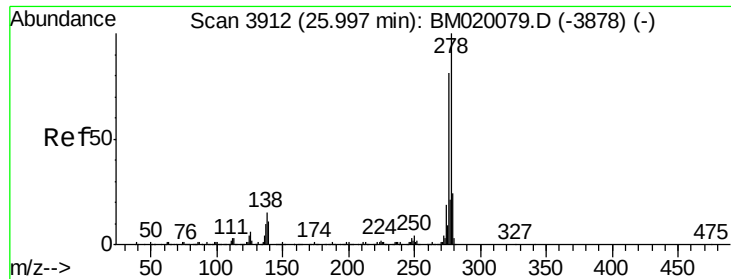
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.509 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB119431BS

Tot Ion:278 Resp: 1865577

Ion Ratio Lower Upper

278 100

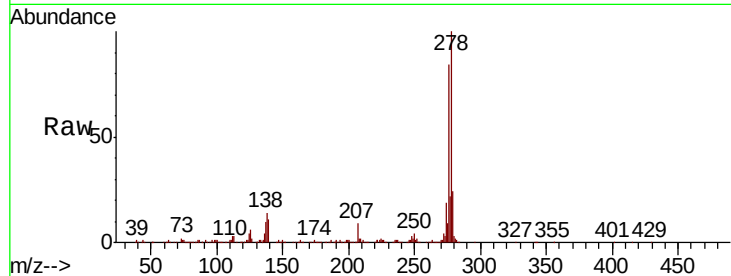
139 10.5 8.6 13.0

279 23.9 18.8 28.2

Manual Integrations
APPROVED

mohammad

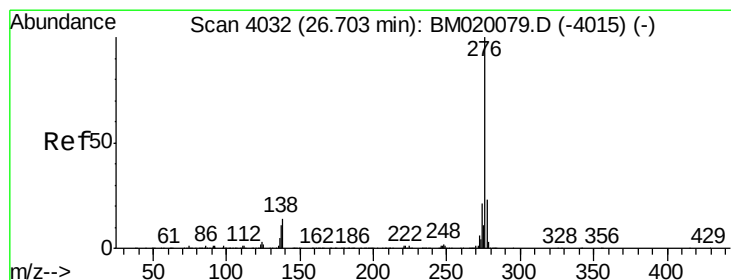
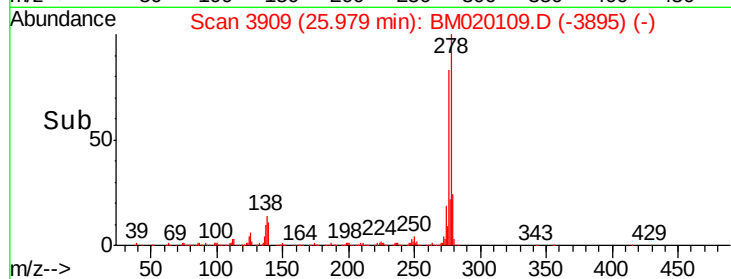
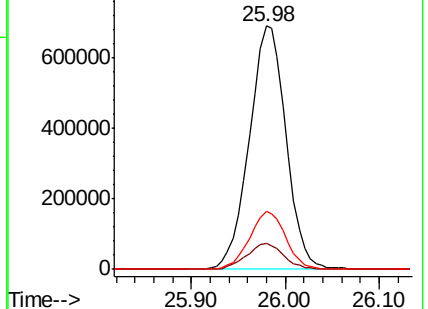
5/7/2019 11:59:00 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.139 ng

RT: 26.69 min Scan# 4029

Delta R.T. -0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

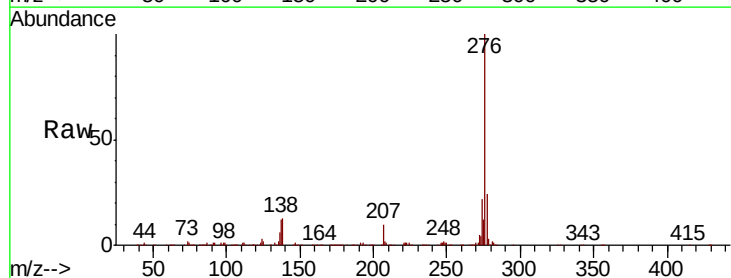
Tgt Ion:276 Resp: 1793706

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 12.9 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

