

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020249.D
 Acq On : 10 May 2019 21:18
 Operator : JU/SJ
 Sample : PB119597BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:25:24 AM

Quant Time: May 11 02:15:59 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	7.77	152	83336	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	346602	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	235435	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	575304	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	584581	20.00	ng	-0.01
87) Perylene-d12	23.64	264	469683	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	794261	155.79	ng	-0.01
7) Phenol-d6	6.95	99	1090106	156.51	ng	0.00
23) Nitrobenzene-d5	8.95	82	640252	72.93	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	530665	145.21	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1377253	71.97	ng	-0.02
79) Terphenyl-d14	19.80	244	2652807	79.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	83557	33.417	ng	92
3) Pyridine	3.69	79	224030	35.032	ng	98
4) n-Nitrosodimethylamine	3.61	42	72849	35.525	ng	# 62
6) Aniline	7.11	93	315569	35.993	ng	97
8) 2-Chlorophenol	7.34	128	241648	43.530	ng	99
9) Benzaldehyde	6.93	77	145993	27.694	ng	93
10) Phenol	6.97	94	337496	45.011	ng	90
11) bis(2-Chloroethyl)ether	7.21	93	228770	41.978	ng	97
12) 1,3-Dichlorobenzene	7.66	146	243536	37.706	ng	96
13) 1,4-Dichlorobenzene	7.81	146	249516	38.242	ng	96
14) 1,2-Dichlorobenzene	8.12	146	238138	38.309	ng	97
15) Benzyl Alcohol	8.02	79	268542	39.985	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	178219	39.439	ng	97
17) 2-Methylphenol	8.22	107	219463	45.468	ng	94
18) Hexachloroethane	8.84	117	97531	35.850	ng	99
19) n-Nitroso-di-n-propylamine	8.58	70	235468	39.515	ng	96
20) 3+4-Methylphenols	8.55	107	297269	46.340	ng	96
22) Acetophenone	8.60	105	374110	39.494	ng	# 96
24) Nitrobenzene	8.99	77	340214	37.376	ng	95
25) Isophorone	9.50	82	603110	39.837	ng	99
26) 2-Nitrophenol	9.69	139	129892	47.267	ng	94
27) 2,4-Dimethylphenol	9.74	122	226138	49.428	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	330530	40.086	ng	100
29) 2,4-Dichlorophenol	10.22	162	255893	44.356	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	271561	38.256	ng	98
31) Naphthalene	10.62	128	700161	38.927	ng	99
32) Benzoic acid	9.90	122	157441m	48.316	ng	
33) 4-Chloroaniline	10.73	127	200292	27.055	ng	96
34) Hexachlorobutadiene	10.88	225	173365	34.524	ng	97
35) Caprolactam	11.55	113	82067m	47.574	ng	
36) 4-Chloro-3-methylphenol	11.86	107	290188	42.804	ng	95
37) 2-Methylnaphthalene	12.23	142	548010	41.792	ng	97
38) 1-Methylnaphthalene	12.45	142	527231	41.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	336226	36.502	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	372112	68.611	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	232385	44.391	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	246709	42.186	ng	96
46) 1,1'-Biphenyl	13.25	154	734095	37.882	ng	99
47) 2-Chloronaphthalene	13.29	162	587645	37.981	ng	98
48) 2-Nitroaniline	13.51	65	210734	38.257	ng	91
49) Acenaphthylene	14.15	152	926938	37.434	ng	98
50) Dimethylphthalate	13.88	163	772423	38.602	ng	99
51) 2,6-Dinitrotoluene	14.01	165	168886	40.072	ng	89
52) Acenaphthene	14.49	154	546900	38.515	ng	99
53) 3-Nitroaniline	14.34	138	119291	30.497	ng	99
54) 2,4-Dinitrophenol	14.55	184	220905	102.032	ng	90
55) Dibenzofuran	14.82	168	926242	38.671	ng	97
56) 4-Nitrophenol	14.65	139	278483	83.443	ng	88
57) 2,4-Dinitrotoluene	14.80	165	238285	41.609	ng	93
58) Fluorene	15.47	166	755498	38.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	240108	43.204	ng	97
60) Diethylphthalate	15.24	149	766657	38.029	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	432615	38.815	ng	95
62) 4-Nitroaniline	15.51	138	165550m	38.350	ng	
63) Azobenzene	15.76	77	850545	35.763	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	135850	46.979	ng	98
66) n-Nitrosodiphenylamine	15.69	169	673383	39.778	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	269839	38.249	ng	97
68) Hexachlorobenzene	16.46	284	309995	38.185	ng	96
69) Atrazine	16.63	200	251895	38.076	ng	99
70) Pentachlorophenol	16.82	266	402854	86.731	ng	98
71) Phenanthrene	17.21	178	1217325	38.332	ng	99
72) Anthracene	17.30	178	1255326	39.536	ng	99
73) Carbazole	17.58	167	1094247	38.194	ng	99
74) Di-n-butylphthalate	18.13	149	1334196	38.696	ng	98
75) Fluoranthene	19.23	202	1530652	38.094	ng	99
77) Benzidine	19.42	184	576174	30.829	ng	99
78) Pyrene	19.59	202	1568679	39.968	ng	99
80) Butylbenzylphthalate	20.49	149	639734	44.822	ng	99
81) Benzo(a)anthracene	21.34	228	1502899	36.659	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	515239	32.929	ng	98
83) Chrysene	21.39	228	1502427	37.788	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	918323	41.464	ng	99
85) Di-n-octyl phthalate	22.15	149	1533314	41.654	ng	97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1323810	27.992	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1407032	45.366	ng	99
89) Benzo(k)fluoranthene	23.00	252	1376185	48.643	ng	99
90) Benzo(a)pyrene	23.54	252	1284093	45.580	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1150293	39.262	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1069347	38.444	ng	99

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

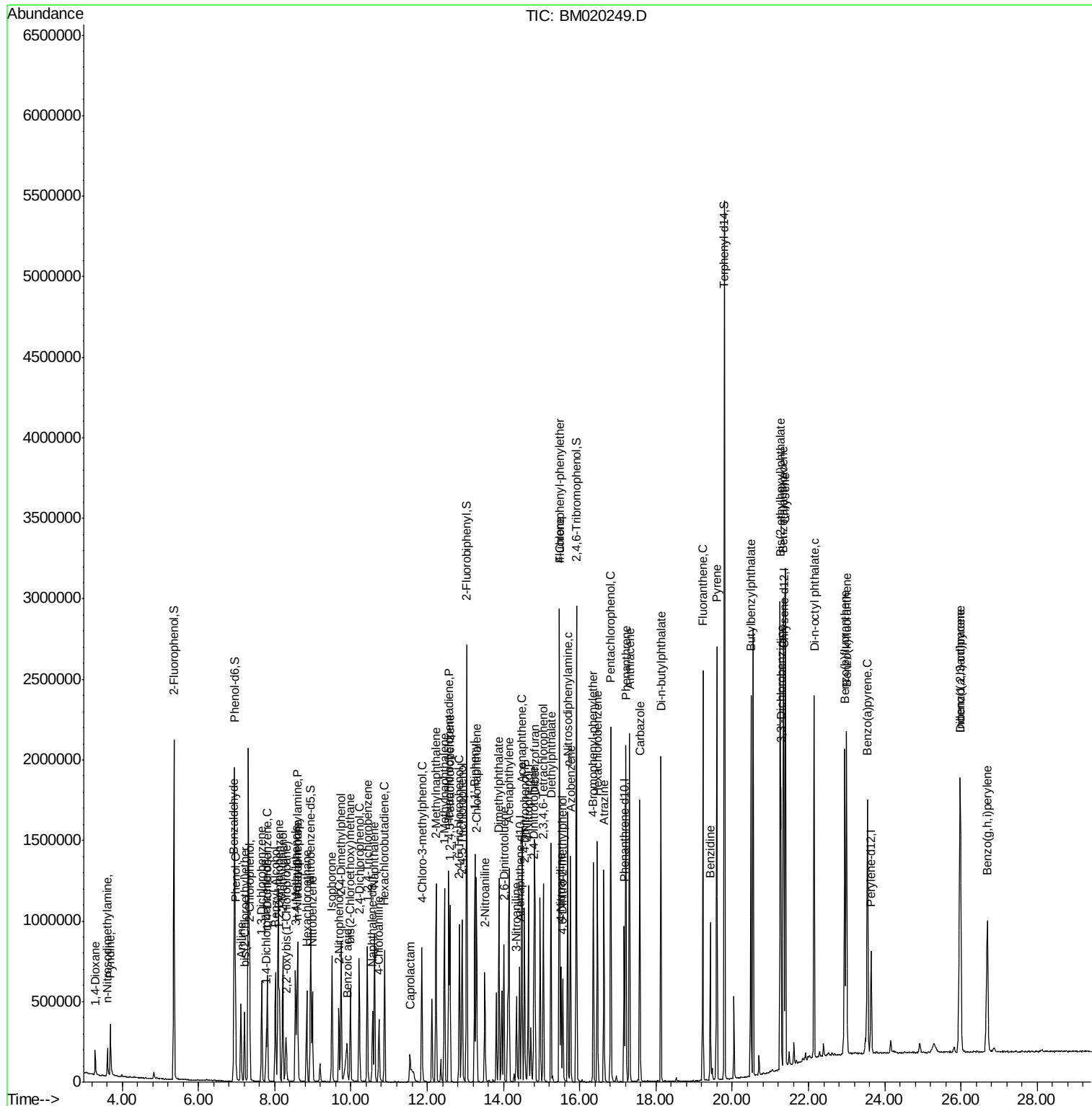
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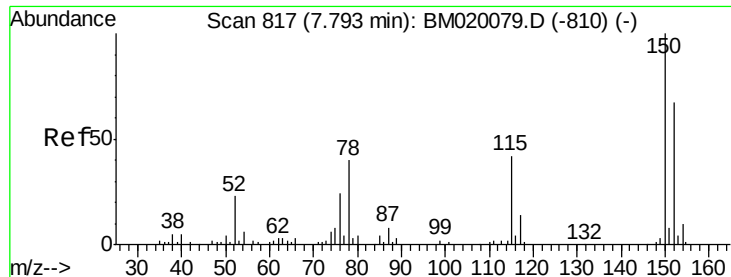
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 BNA_M
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#1

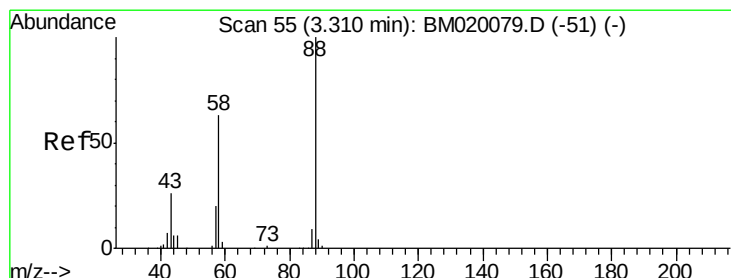
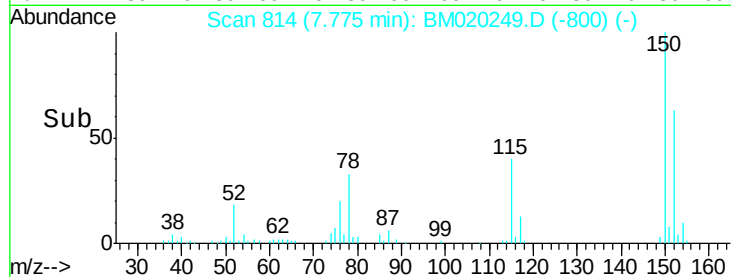
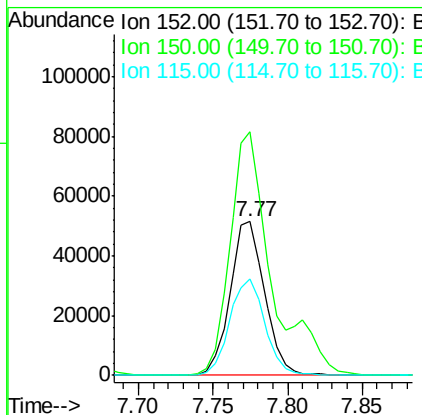
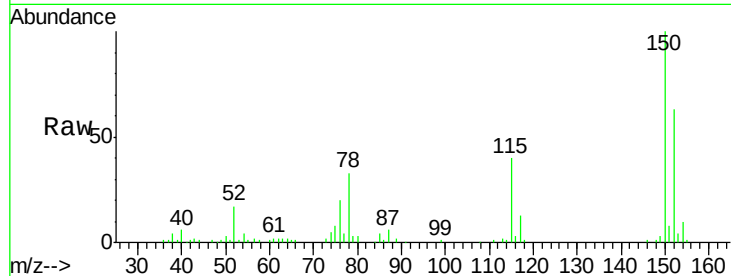
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampled :
PB119597BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	119.8	179.8
115	62.9	50.8	76.2

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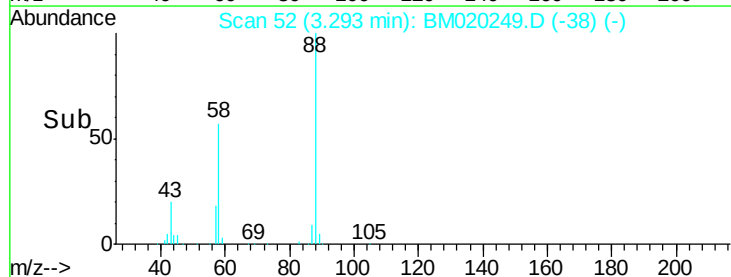
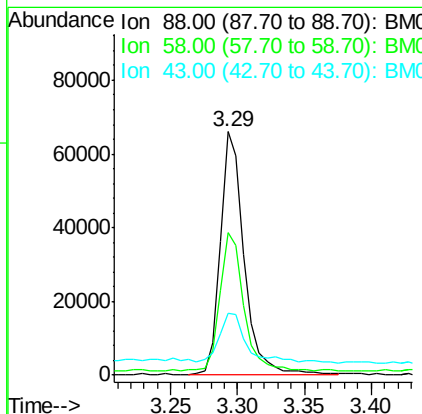
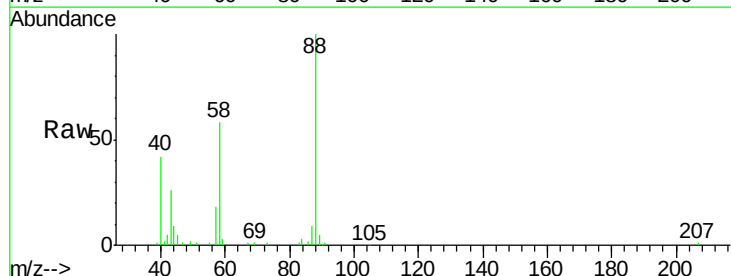
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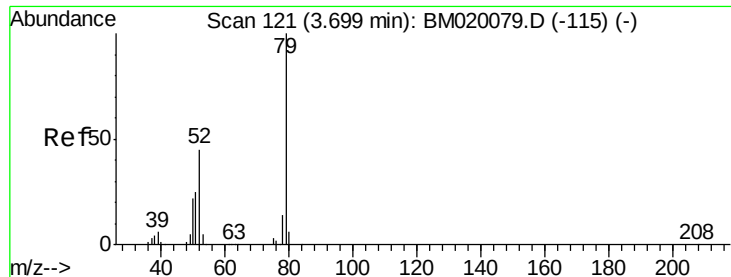


#2

1,4-Dioxane
Concen: 33.417 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.4	51.8	77.6
43	23.9	20.3	30.5





#3

Pyridine

Concen: 35.032 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

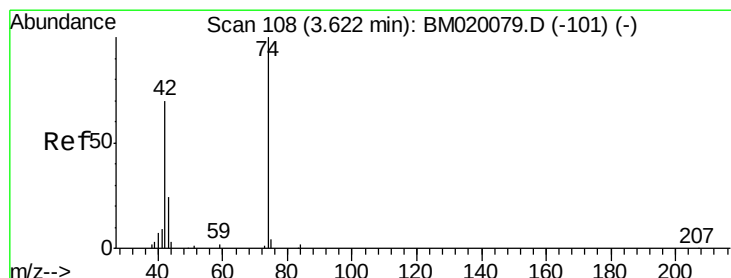
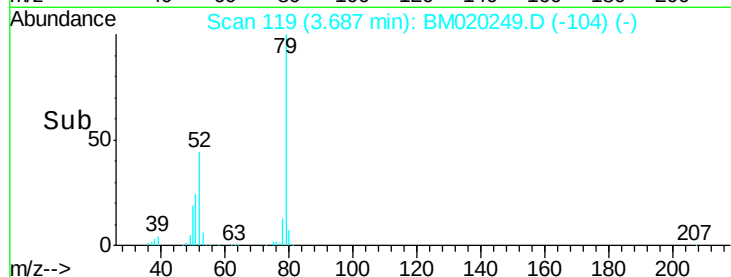
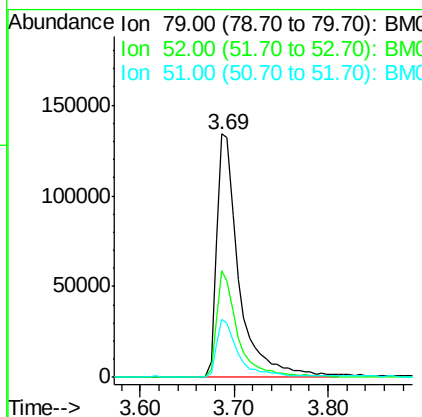
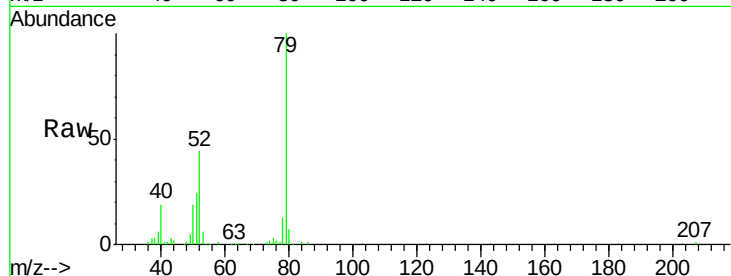
ClientSampleId :

PB119597BS

Tgt Ion:	79	Resp:	224030
Ion	Ratio	Lower	Upper
79	100		
52	44.0	35.7	53.5
51	23.9	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 35.525 ng

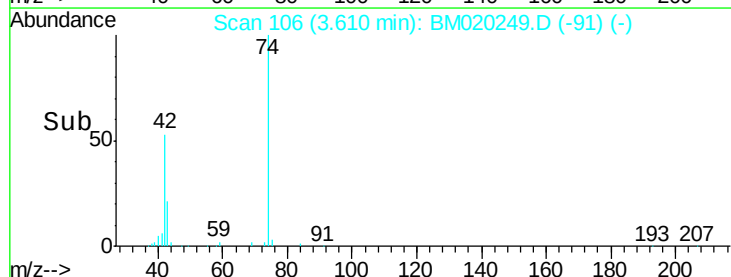
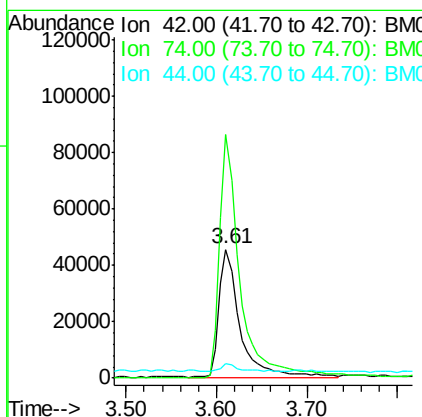
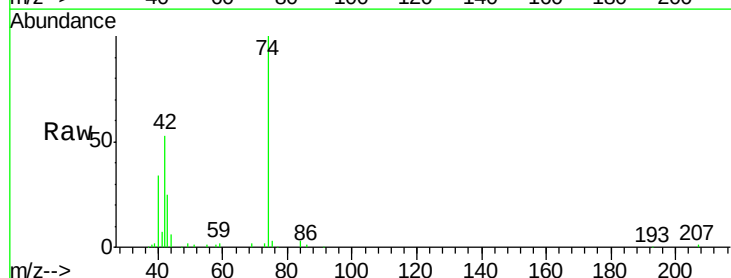
RT: 3.61 min Scan# 106

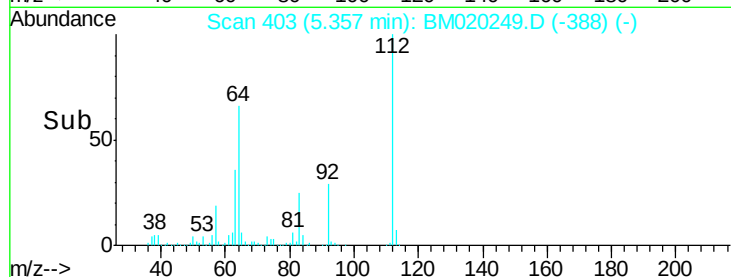
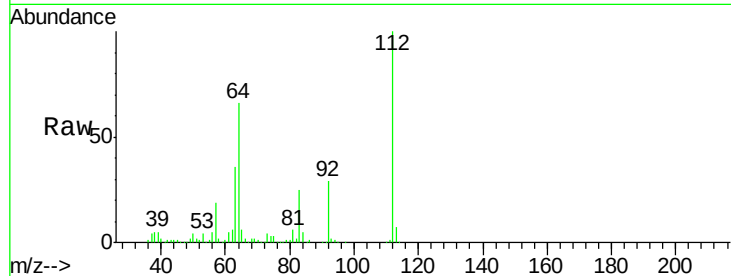
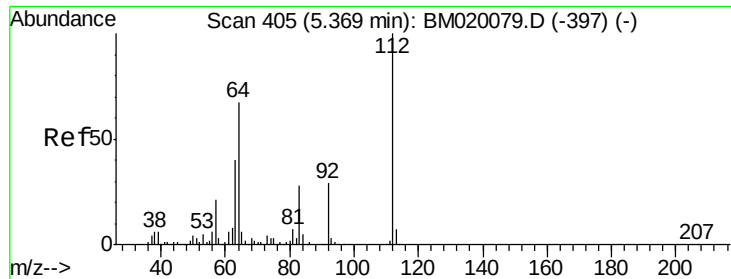
Delta R.T. -0.01 min

Lab File: BM020249.D

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Tgt Ion:	42	Resp:	72849
Ion	Ratio	Lower	Upper
42	100		
74	189.4	113.7	170.5#
44	11.0	3.9	5.9#





#5

2-Fluorophenol

Concen: 155.790 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	794261		
64	66.0	53.8	80.6	
63	35.9	32.3	48.5	

Instrument :

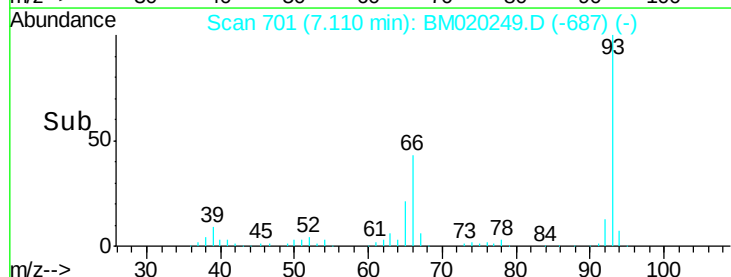
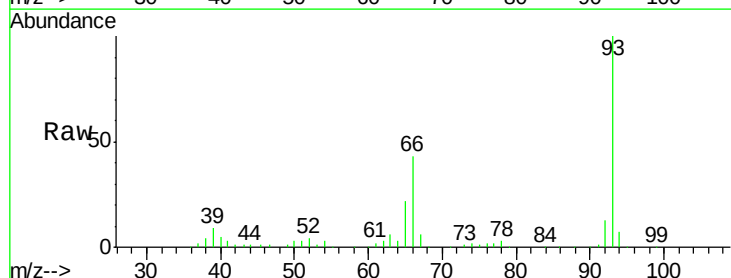
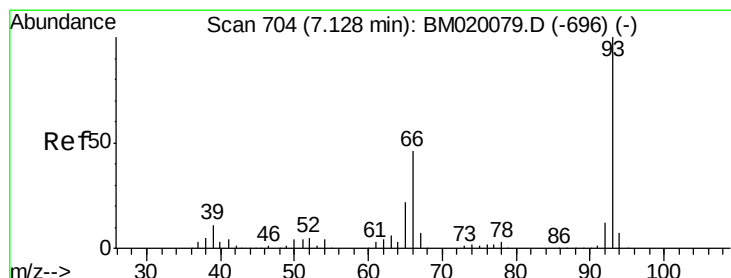
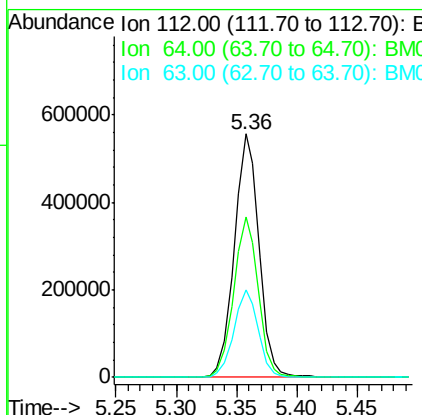
BNA_M

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PB119597BS

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#6

Aniline

Concen: 35.993 ng

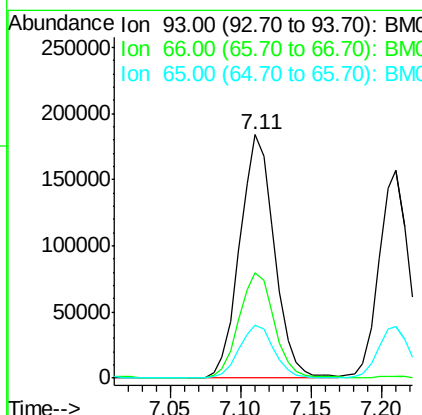
RT: 7.11 min Scan# 701

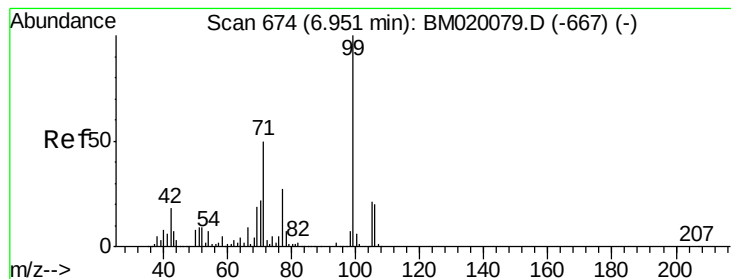
Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	315569		
66	43.1	36.6	54.8	
65	21.7	17.8	26.6	





#7

Phenol-d6

Concen: 156.513 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tgt Ion: 99 Resp: 1090106

Ion Ratio Lower Upper

99 100

42 14.7 14.2 21.2

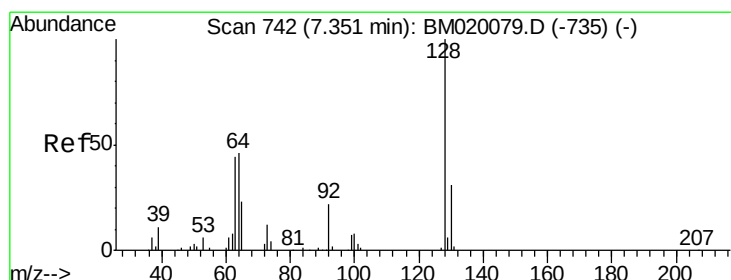
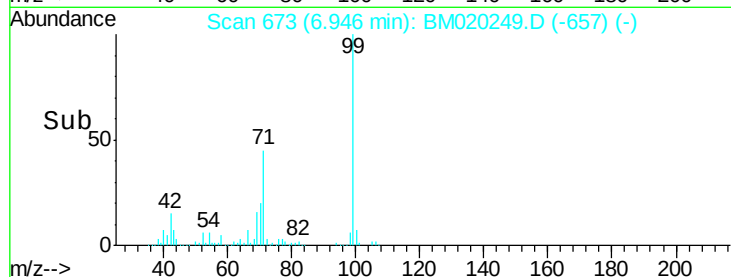
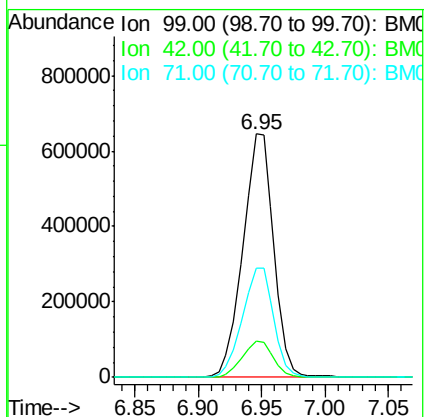
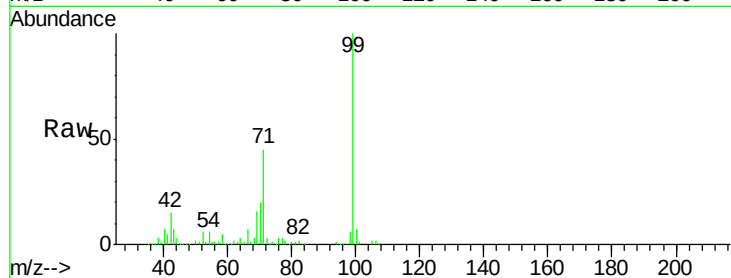
71 45.1 40.3 60.5

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#8

2-Chlorophenol

Concen: 43.530 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

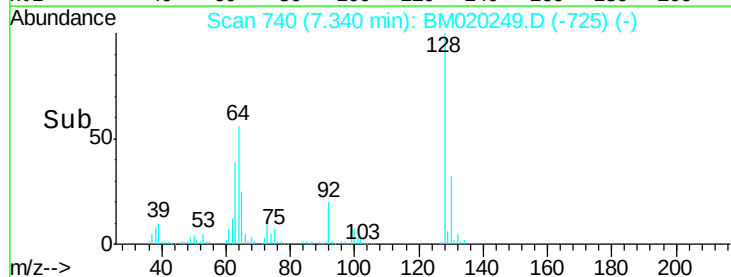
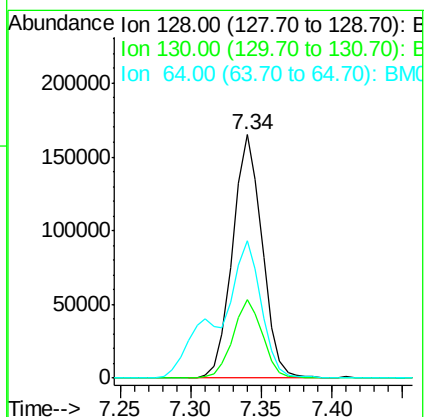
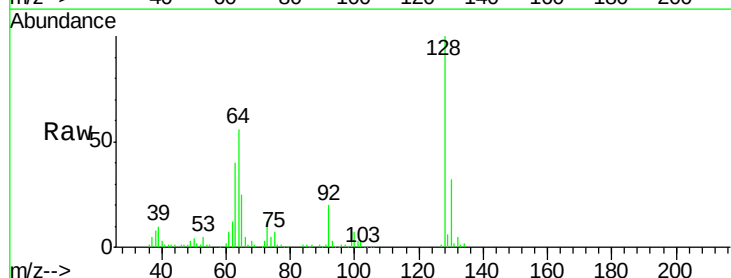
Tgt Ion: 128 Resp: 241648

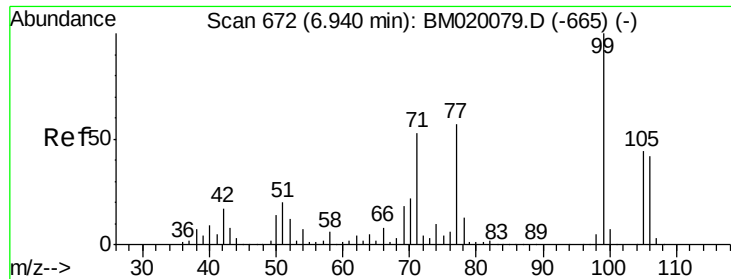
Ion Ratio Lower Upper

128 100

130 32.1 10.8 50.8

64 56.3 36.5 76.5





#9

Benzaldehyde

Concen: 27.694 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020249.D

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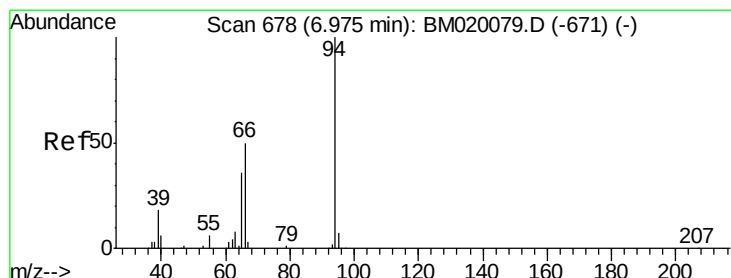
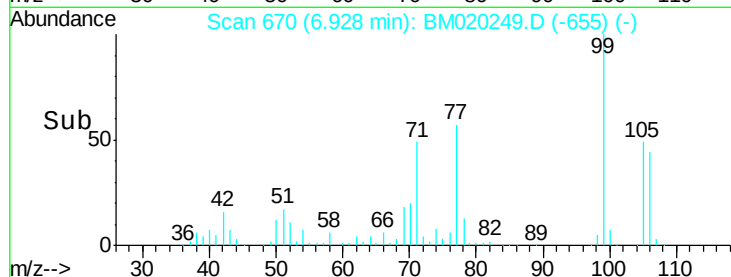
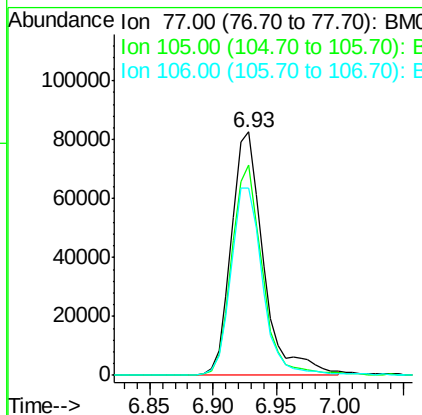
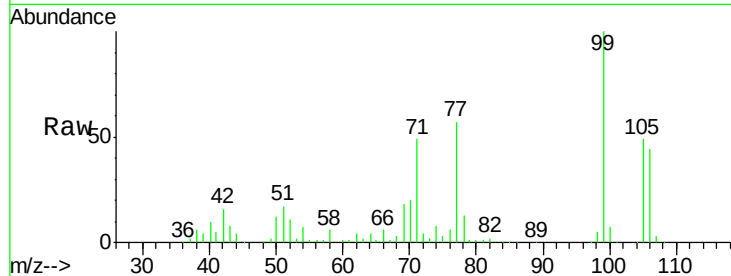
ClientSampleId :

PB119597BS

Tgt Ion:	77	Resp:	145993
Ion Ratio	Lower	Upper	
77	100		
105	86.6	57.8	97.8
106	76.9	53.6	93.6

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#10

Phenol

Concen: 45.011 ng

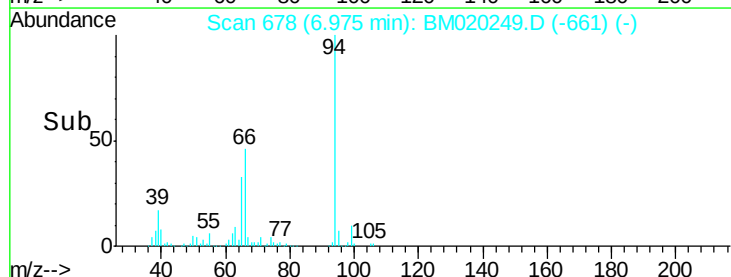
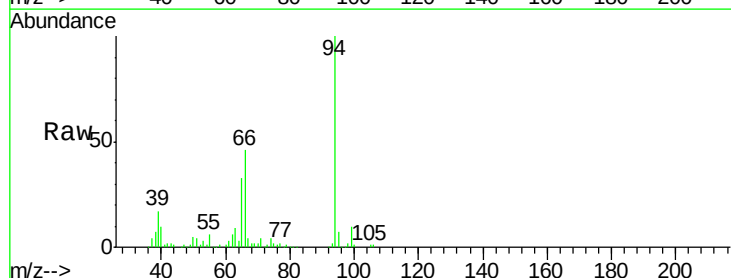
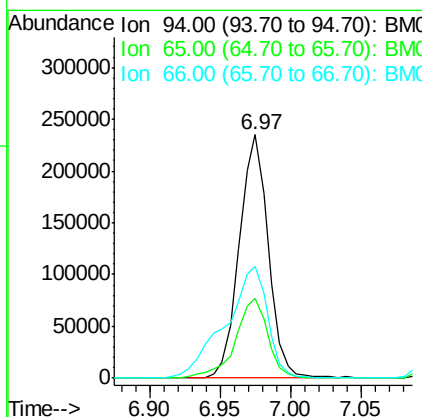
RT: 6.97 min Scan# 678

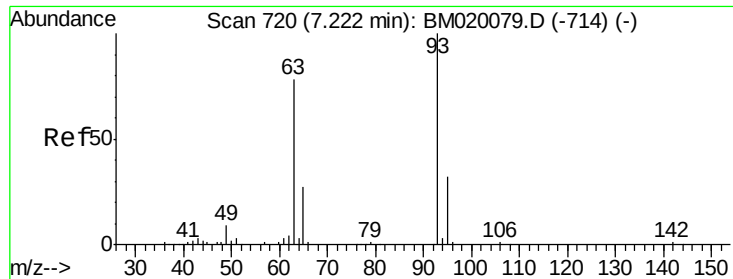
Delta R.T. 0.00 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:	94	Resp:	337496
Ion Ratio	Lower	Upper	
94	100		
65	33.0	17.0	57.0
66	45.8	34.5	74.5





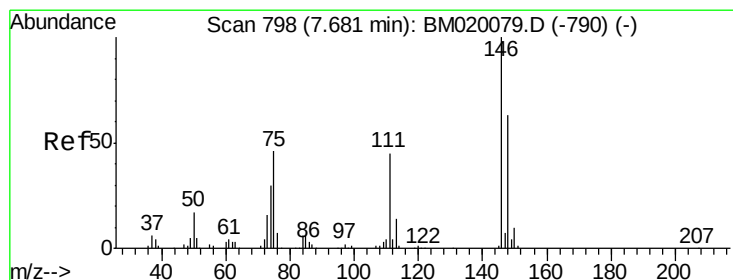
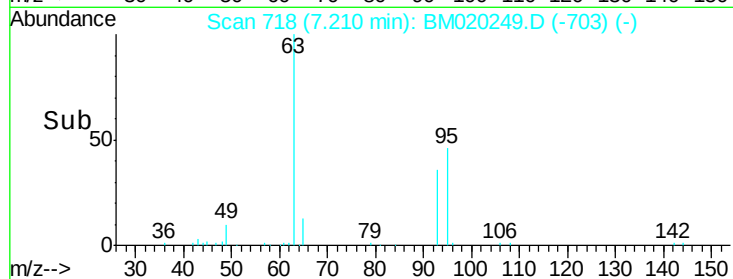
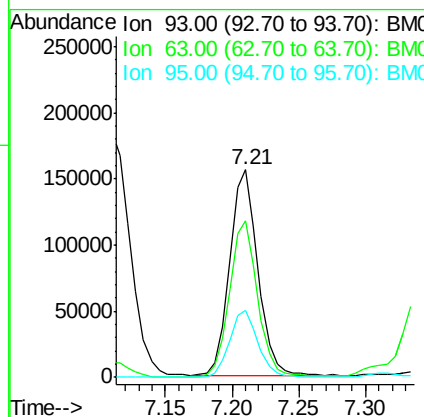
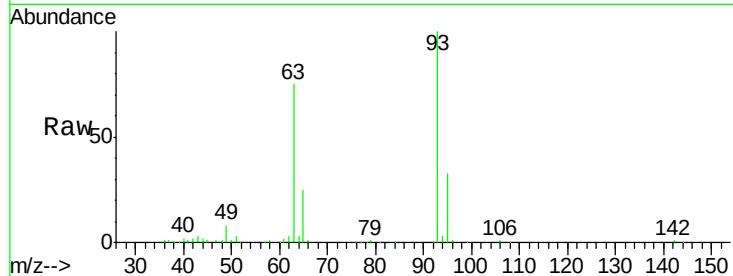
#11
bis(2-Chloroethyl)ether
Concen: 41.978 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion:	93	Resp:	228770
Ion	Ratio	Lower	Upper
93	100		
63	75.3	57.9	97.9
95	32.6	11.3	51.3

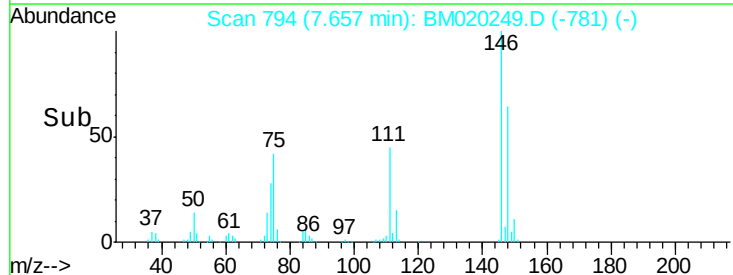
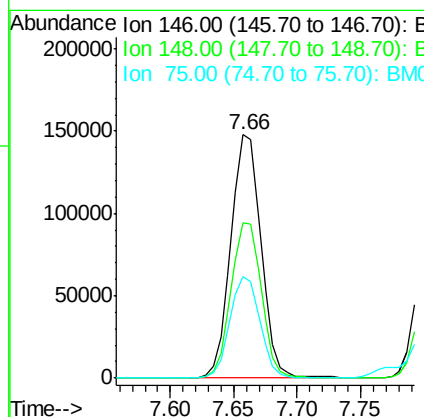
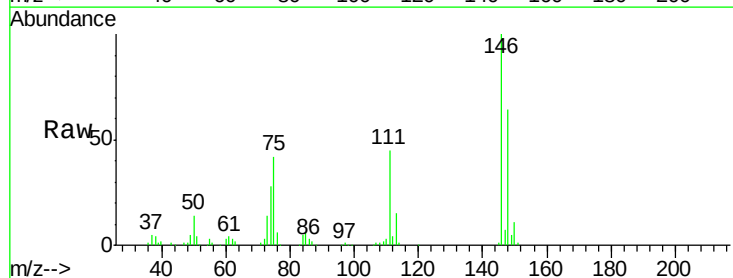
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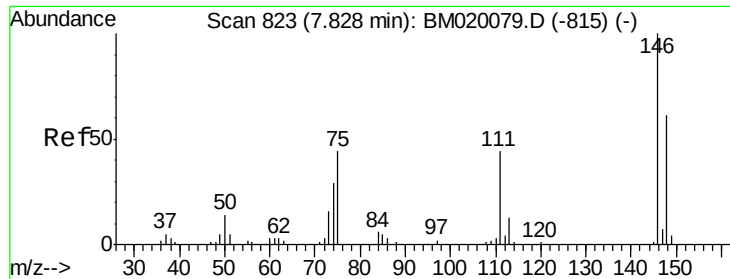
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.706 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:	146	Resp:	243536
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.1	75.1
75	41.9	37.2	55.8





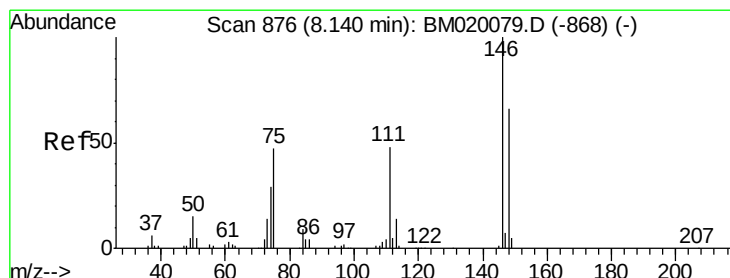
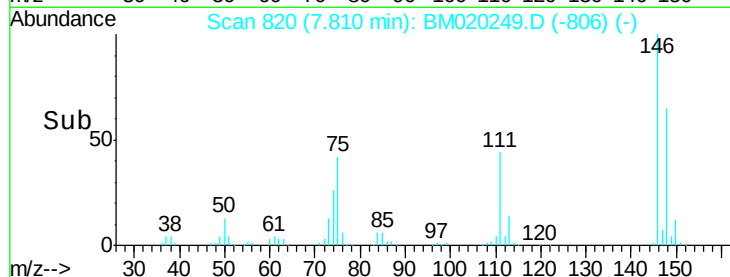
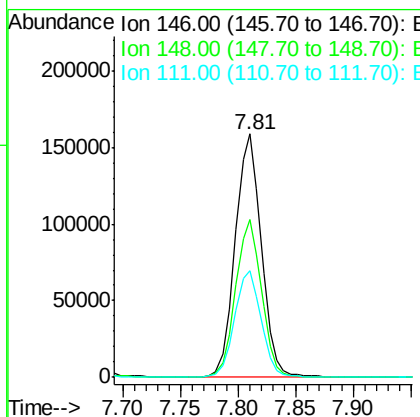
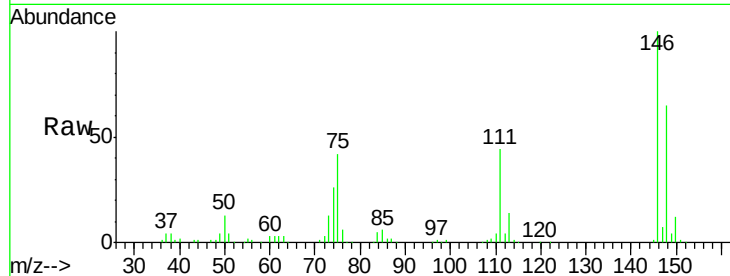
#13
 1,4-Dichlorobenzene
 Concen: 38.242 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	249516		
148	64.6	48.5	72.7	
111	43.8	35.7	53.5	

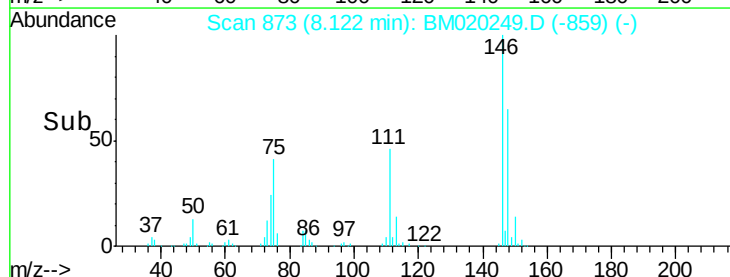
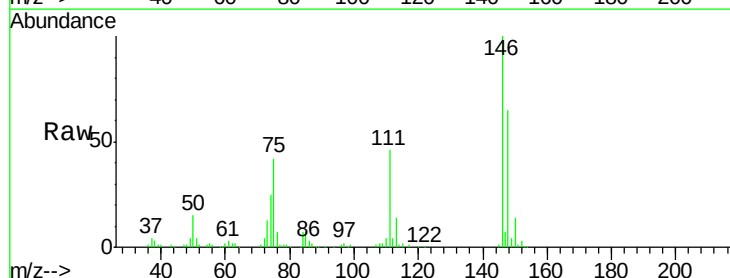
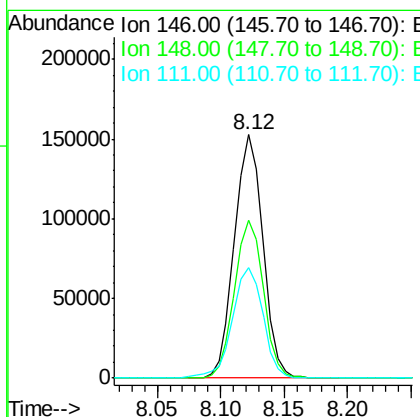
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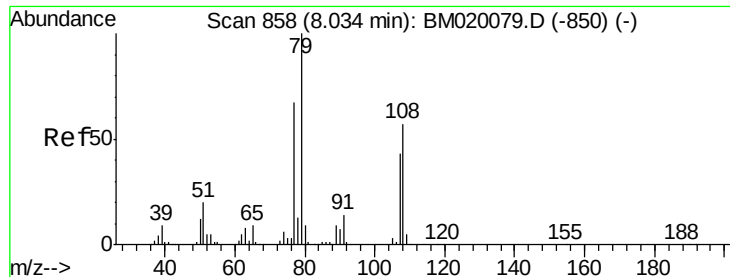
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#14
 1,2-Dichlorobenzene
 Concen: 38.309 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	238138		
148	65.0	52.6	79.0	
111	45.6	39.0	58.4	





#15

Benzyl Alcohol

Concen: 39.985 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

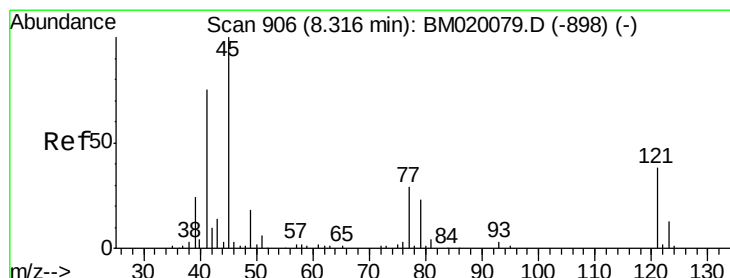
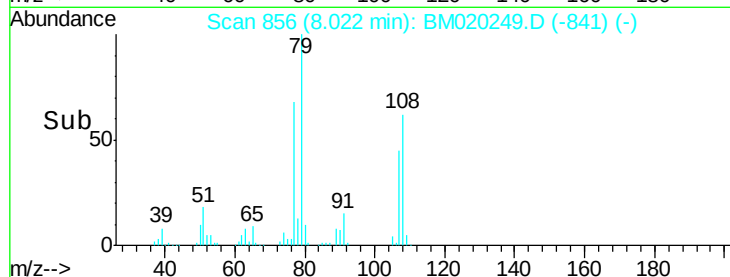
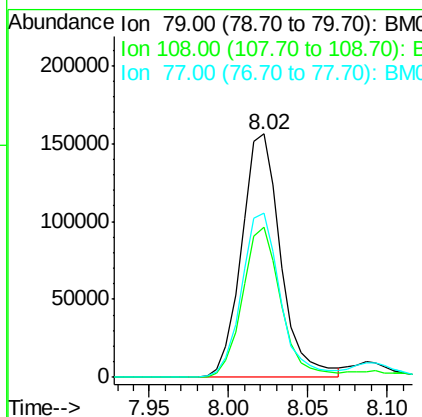
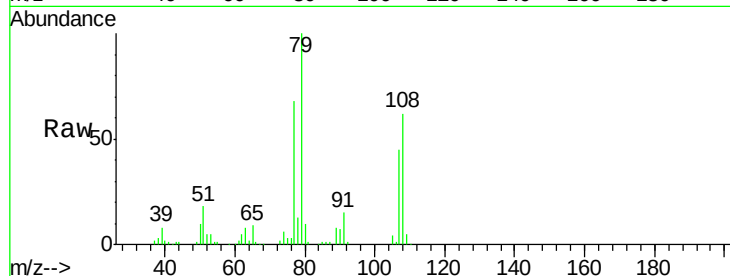
ClientSampleId :

PB119597BS

Tgt Ion:	79	Resp:	268542
Ion Ratio	Lower	Upper	
79	100		
108	61.9	46.0	69.0
77	67.6	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.439 ng

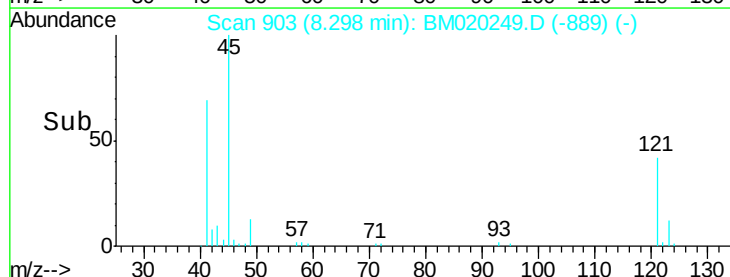
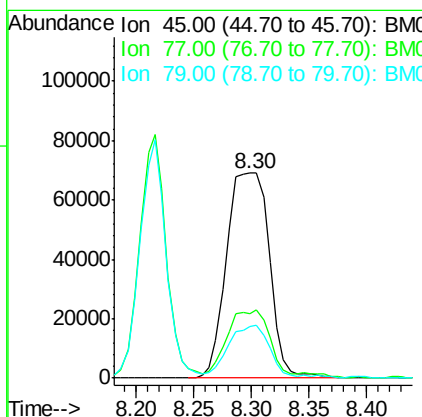
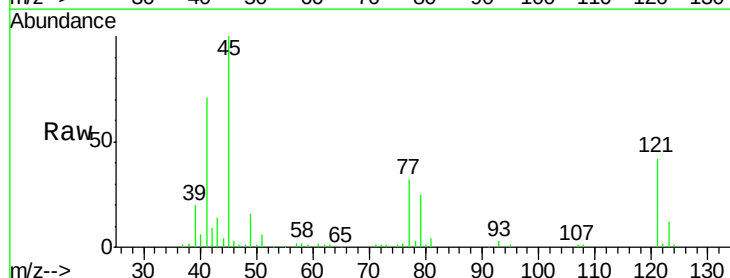
RT: 8.30 min Scan# 903

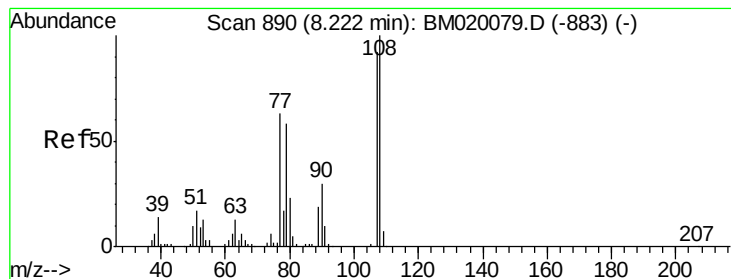
Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:	45	Resp:	178219
Ion Ratio	Lower	Upper	
45	100		
77	31.7	10.5	50.5
79	25.1	3.3	43.3





#17

2-Methylphenol

Concen: 45.468 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

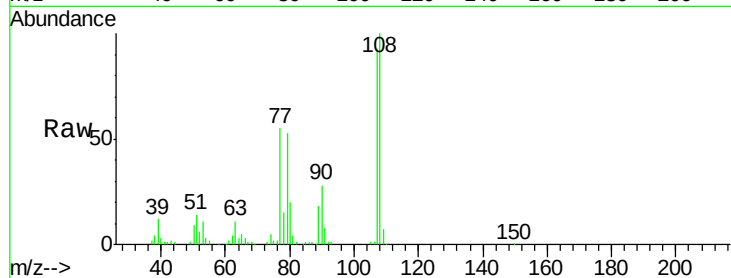
ClientSampleId :

PB119597BS

Tgt Ion:	107	Resp:	219463
Ion Ratio	Lower	Upper	
107	100		
108	107.5	87.0	130.4
77	58.6	54.7	82.1
79	57.3	50.1	75.1

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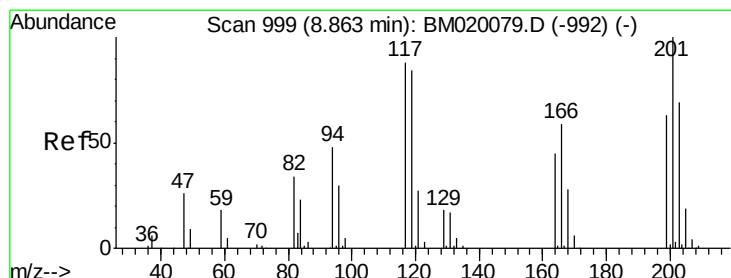
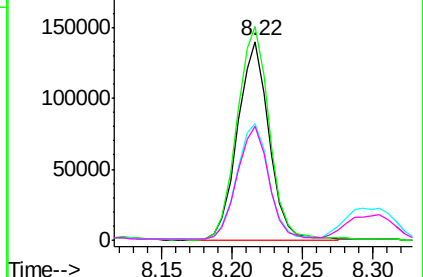
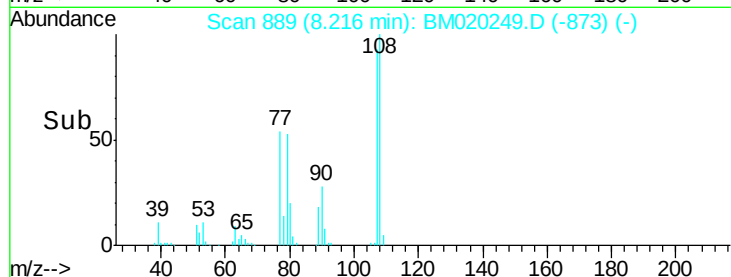


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 35.850 ng

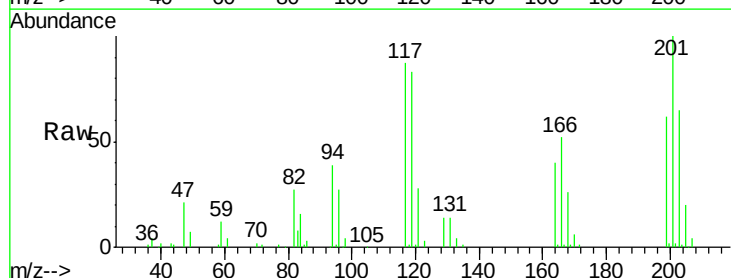
RT: 8.84 min Scan# 995

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

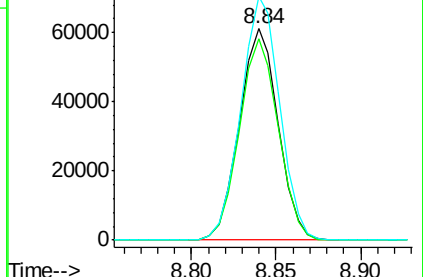
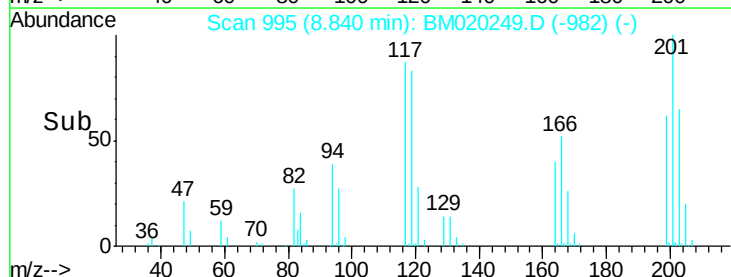
Tgt Ion:	117	Resp:	97531
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.6	114.8
201	115.3	90.7	136.1

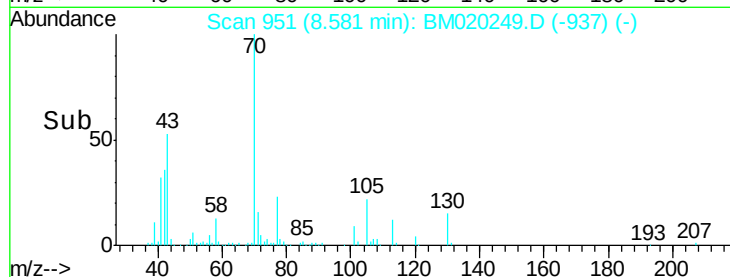
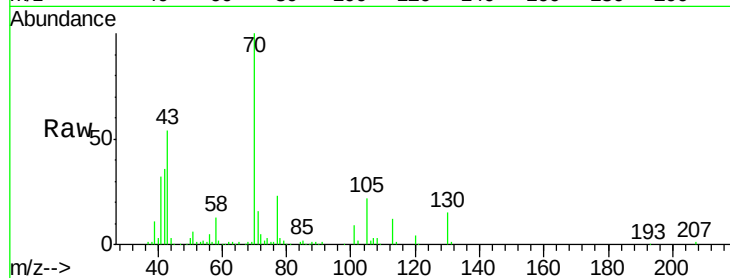
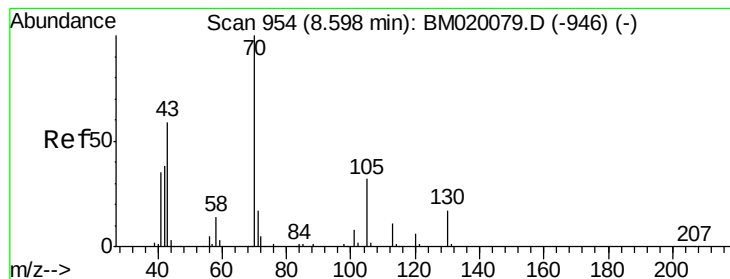


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.515 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tgt Ion: 70 Resp: 235468

Ion Ratio Lower Upper

70 100

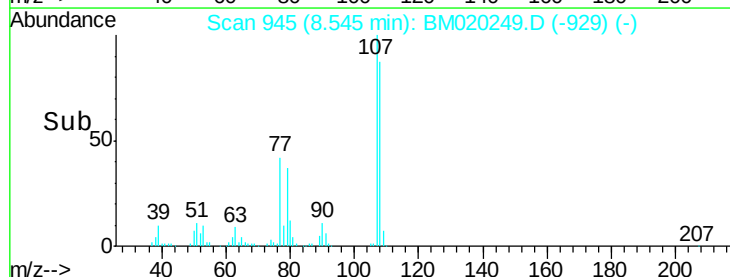
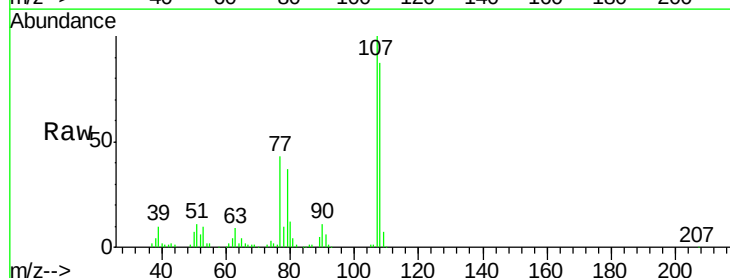
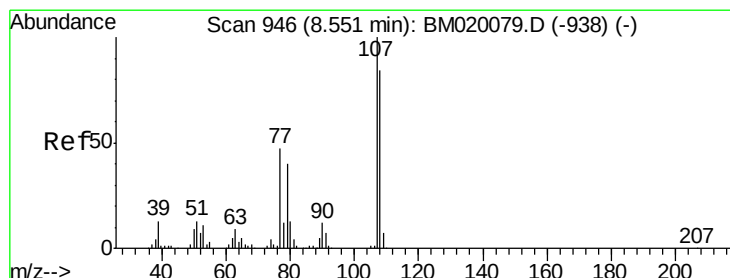
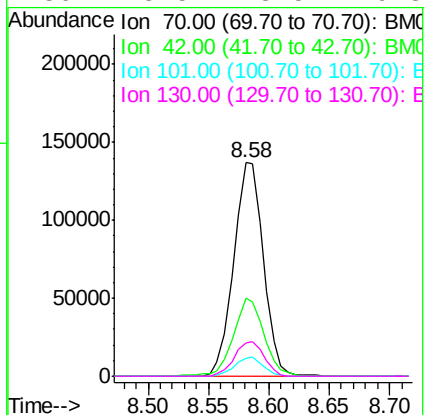
42 36.3 31.0 46.4

101 8.5 6.2 9.2

130 15.5 13.5 20.3

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#20

3+4-Methylphenols

Concen: 46.340 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion: 107 Resp: 297269

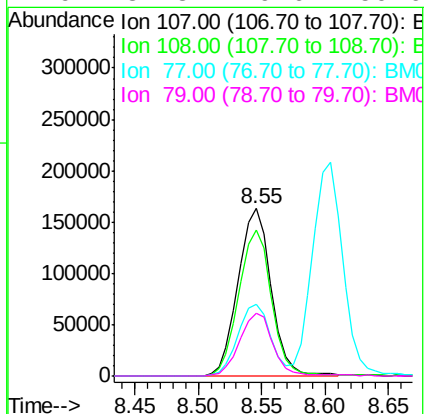
Ion Ratio Lower Upper

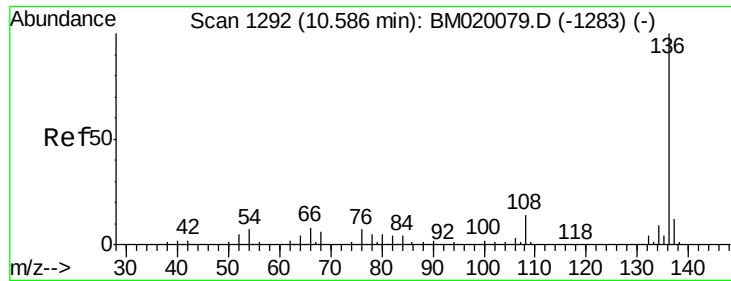
107 100

108 86.9 64.4 104.4

77 42.6 27.2 67.2

79 37.3 19.6 59.6





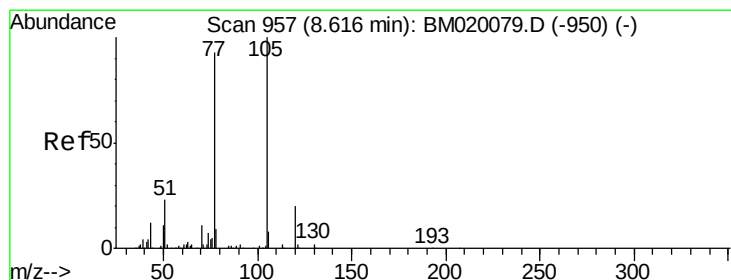
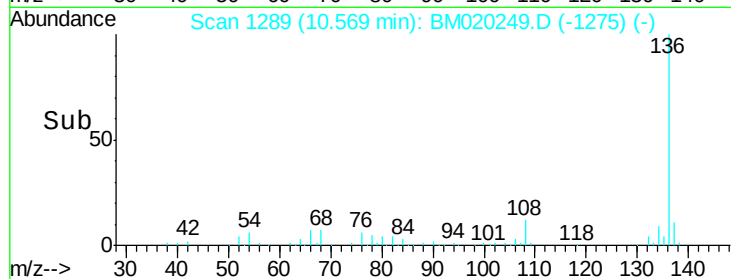
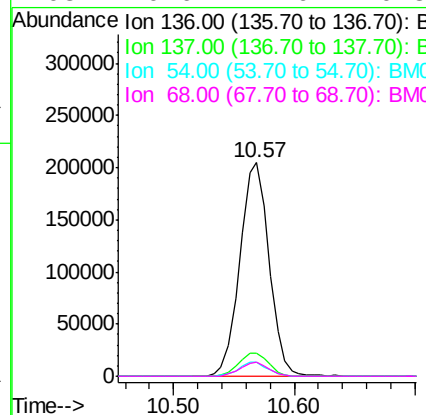
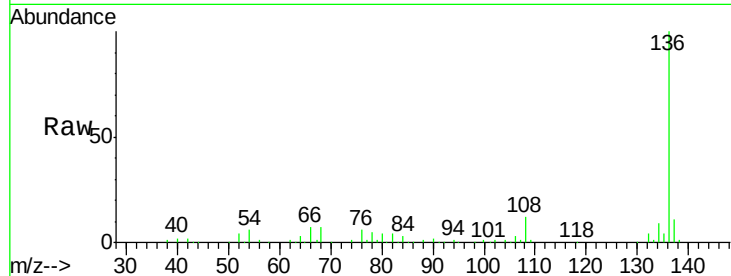
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	346602		
137	10.8	9.6	14.4	
54	6.4	5.5	8.3	
68	6.6	4.6	6.8	

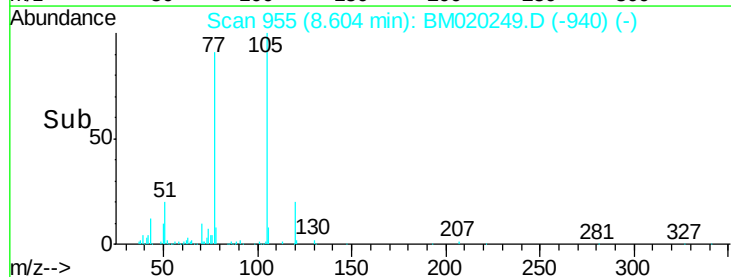
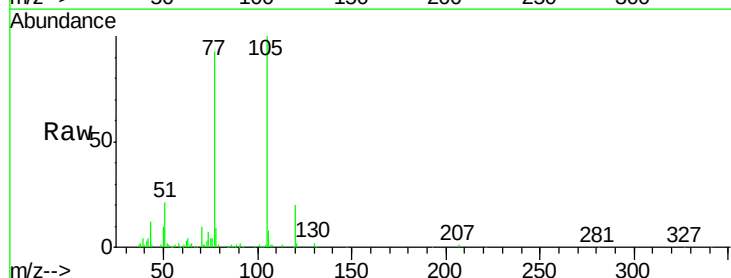
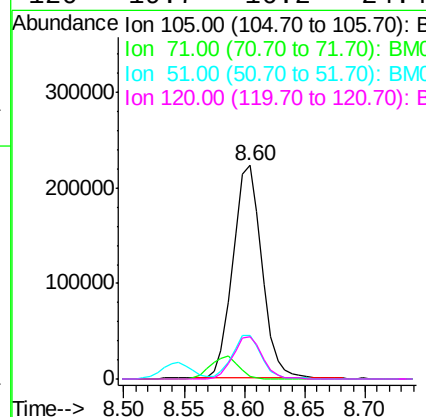
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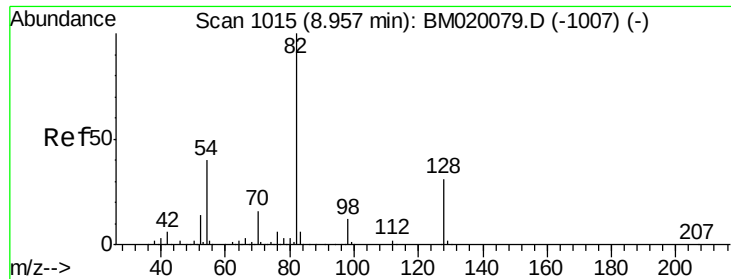
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#22
Acetophenone
Concen: 39.494 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	374110		
71	1.5	2.2	3.2#	
51	20.7	19.3	28.9	
120	19.7	16.2	24.4	





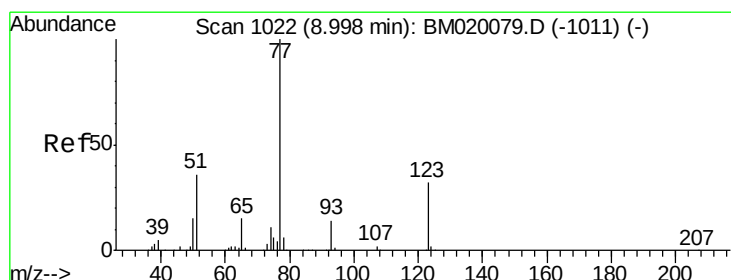
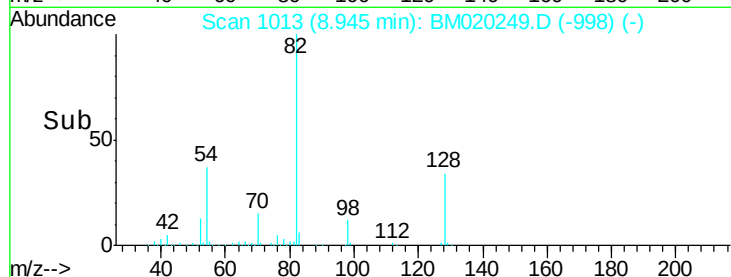
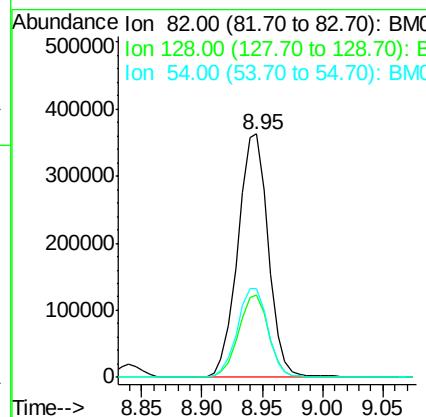
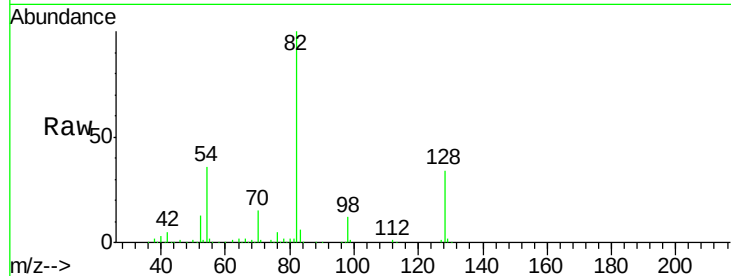
#23
Nitrobenzene-d5
Concen: 72.929 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	640252		
128	33.7	25.2	37.8	
54	36.4	31.9	47.9	

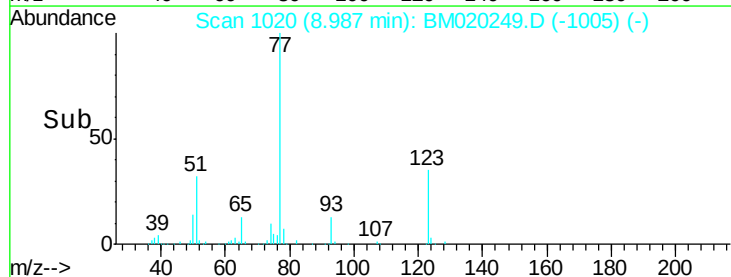
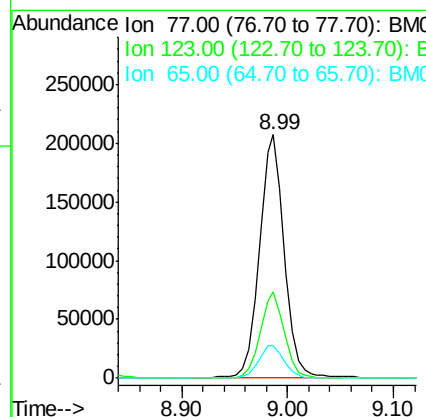
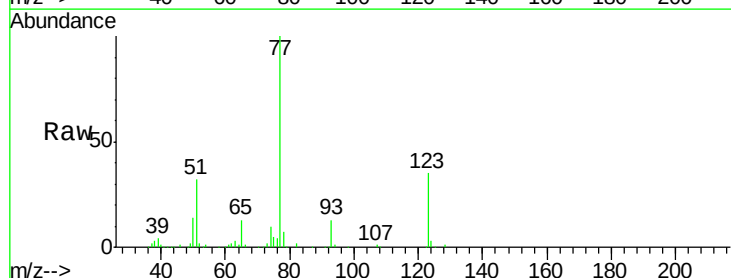
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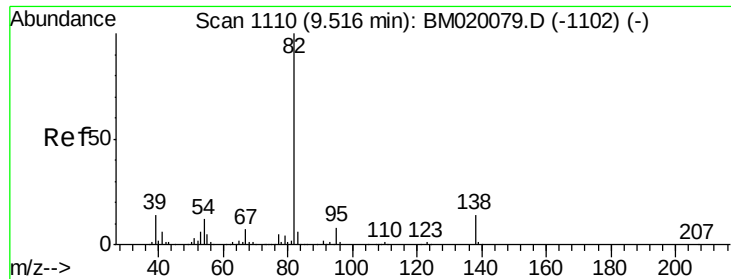
mohammad
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#24
Nitrobenzene
Concen: 37.376 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	340214		
123	35.5	25.5	38.3	
65	13.4	11.8	17.6	





#25

Isophorone

Concen: 39.837 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

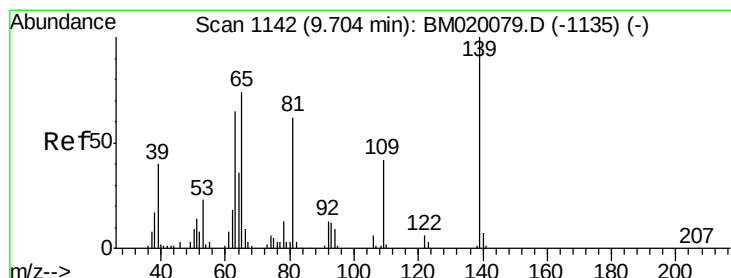
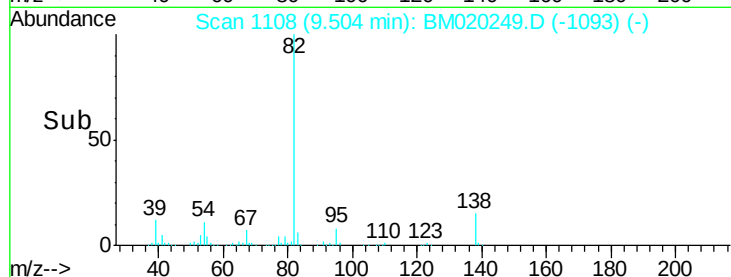
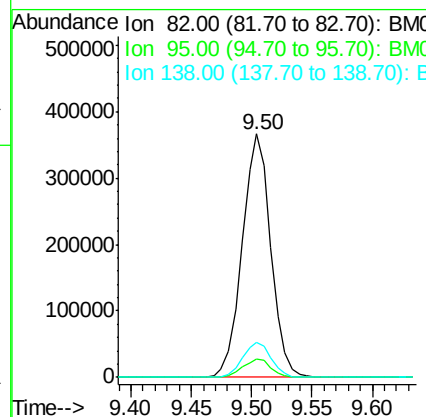
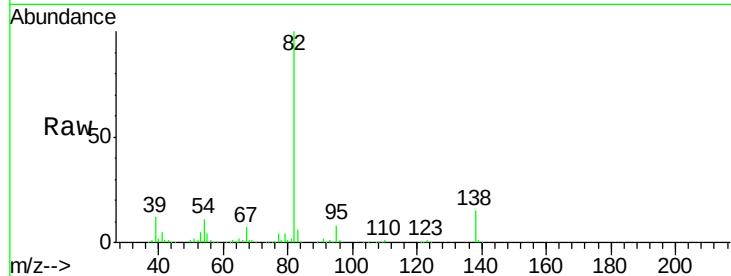
ClientSampleId :

PB119597BS

Tgt Ion:	82	Resp:	603110
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.4	9.6
138	14.6	11.1	16.7

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#26

2-Nitrophenol

Concen: 47.267 ng

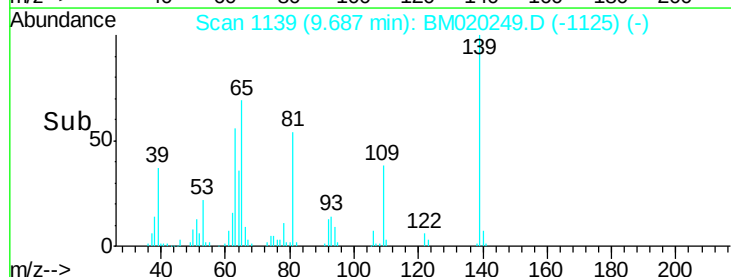
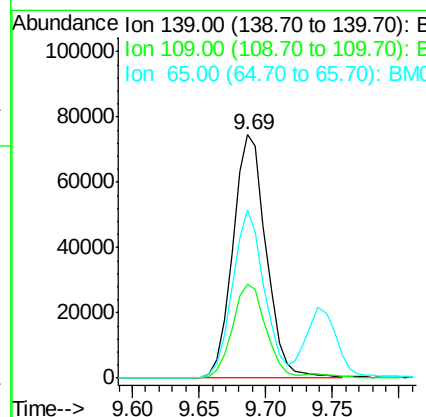
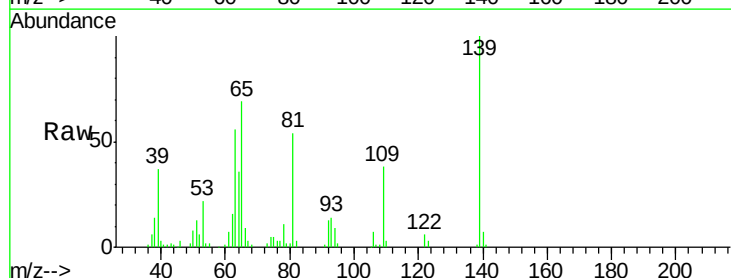
RT: 9.69 min Scan# 1139

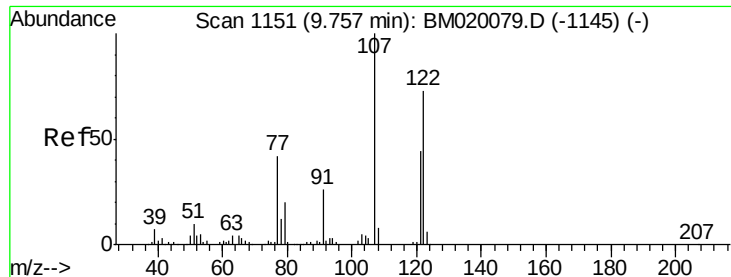
Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:	139	Resp:	129892
Ion Ratio		Lower	Upper
139	100		
109	38.4	33.7	50.5
65	68.9	59.5	89.3





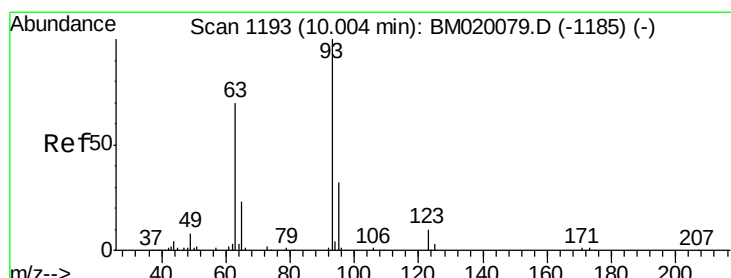
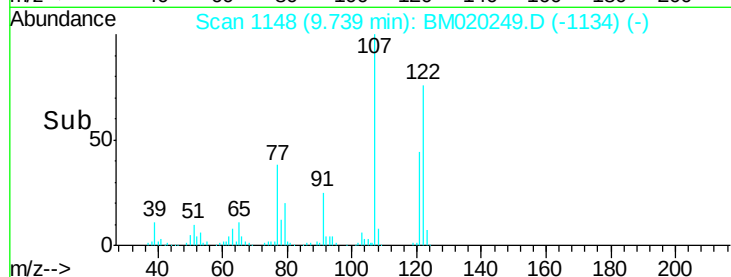
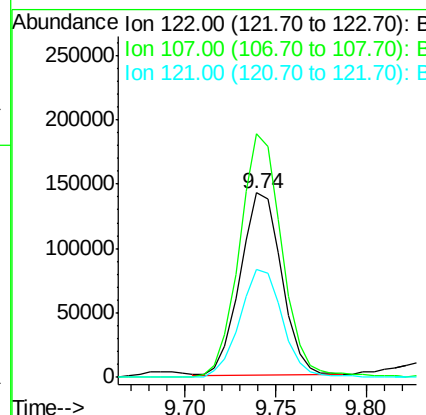
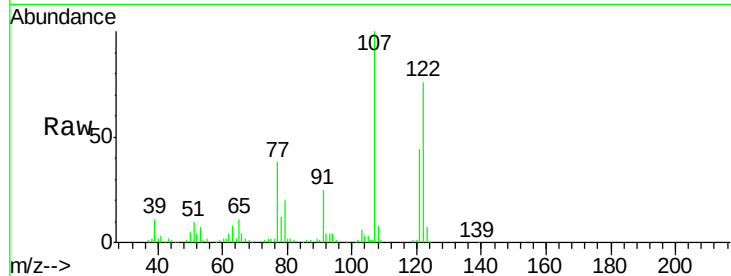
#27
 2,4-Dimethylphenol
 Concen: 49.428 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleID :
 PB119597BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.1	108.6	162.8
121	58.6	47.4	71.2

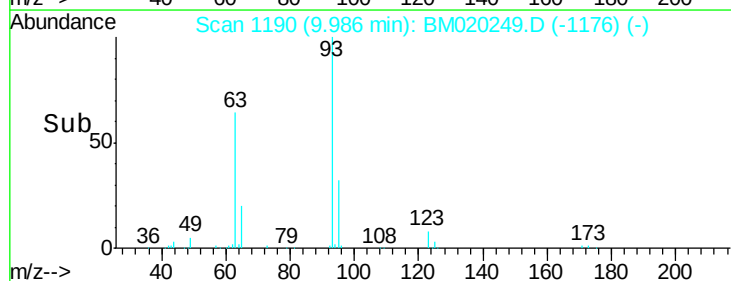
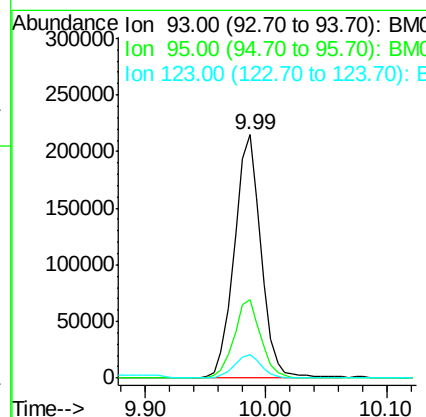
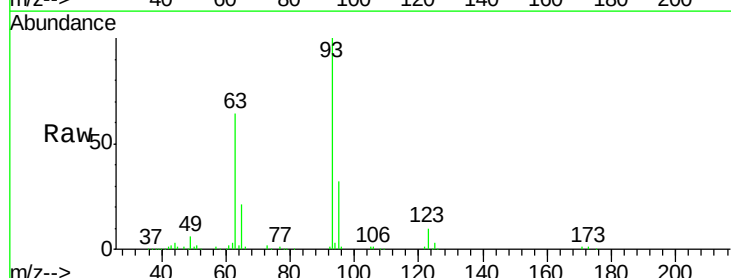
Manual Integrations
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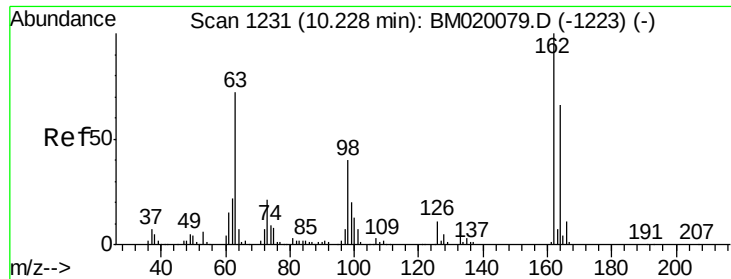
mohammad
 5/13/2019 8:25:24 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.086 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.5	38.3
123	9.8	7.6	11.4





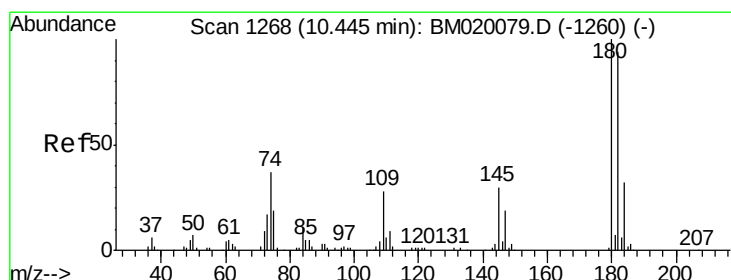
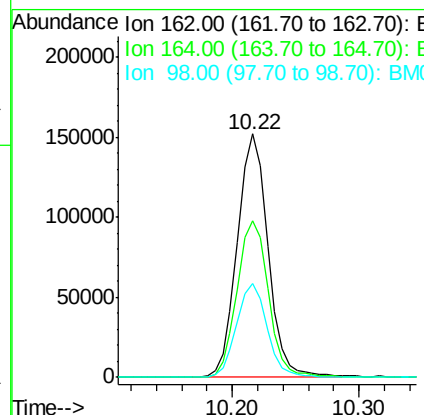
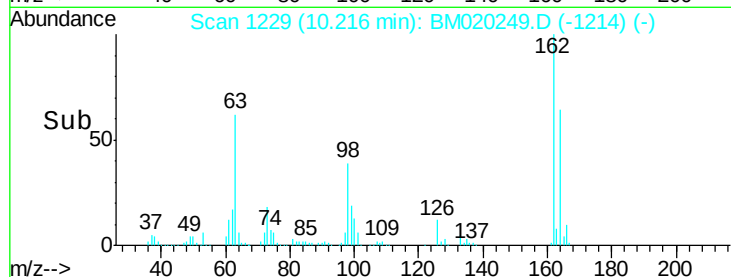
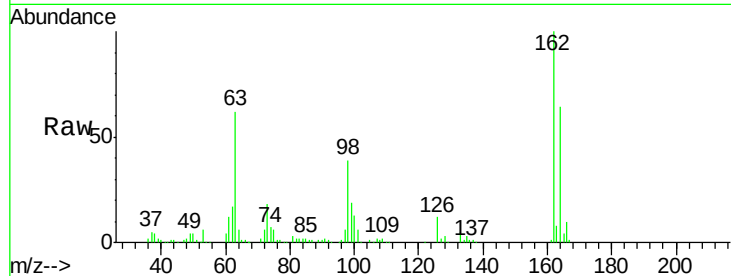
#29
2,4-Dichlorophenol
Concen: 44.356 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	255893		
164	64.2	45.6	85.6	
98	38.8	20.4	60.4	

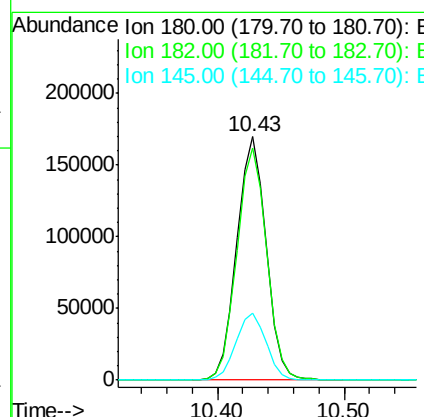
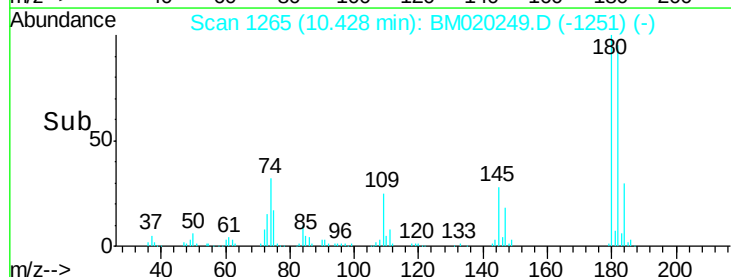
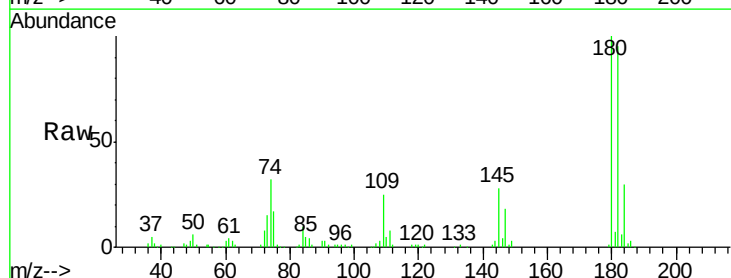
Manual Integrations
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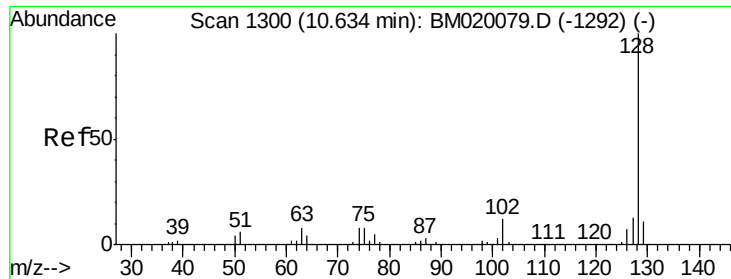
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.256 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271561		
182	95.1	75.4	113.0	
145	27.5	23.8	35.8	





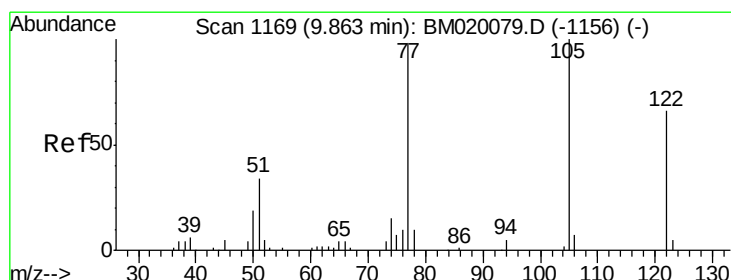
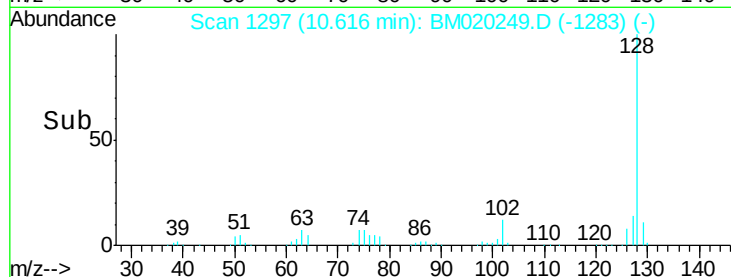
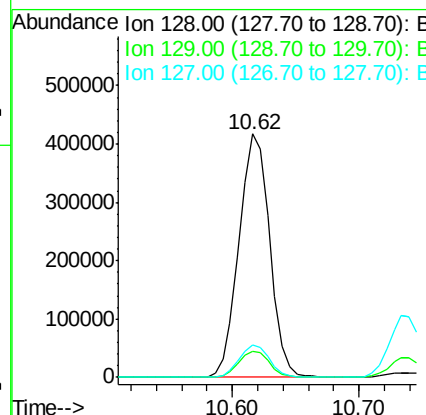
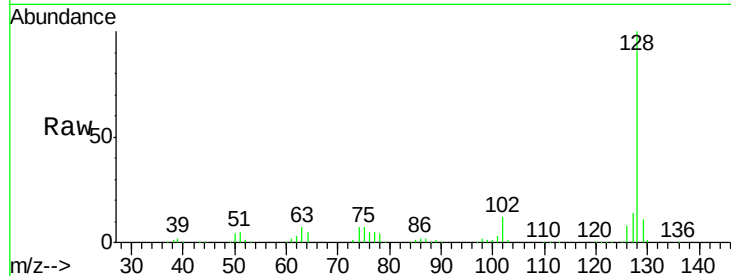
#31
Naphthalene
Concen: 38.927 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampled :
PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	700161		
129	10.9	9.0	13.4	
127	13.5	10.4	15.6	

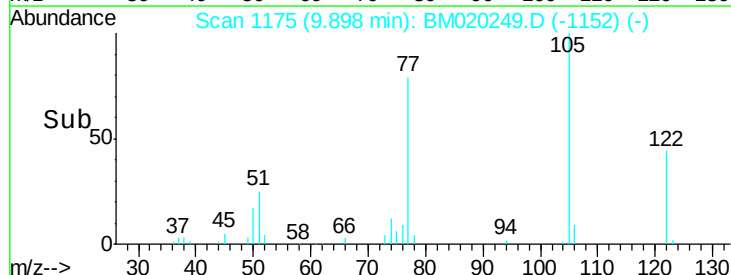
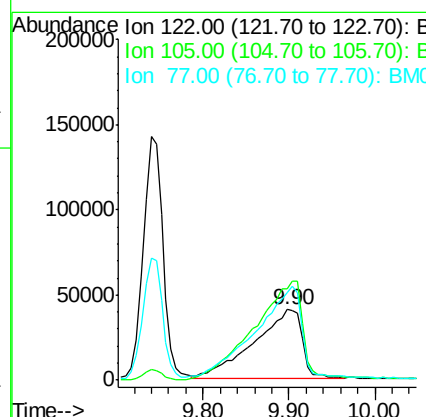
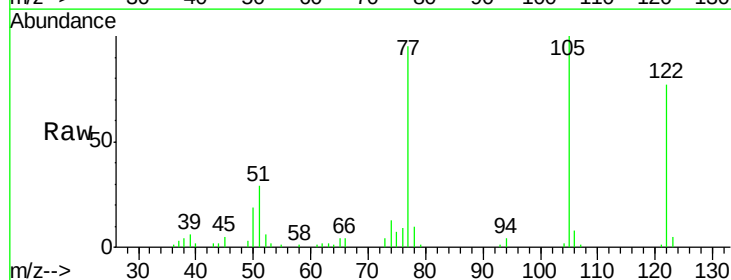
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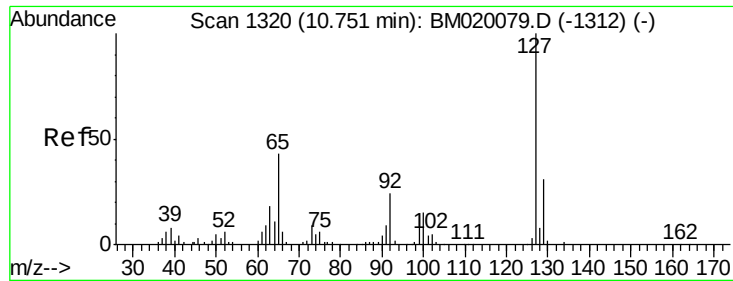
mohammad
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#32
Benzoic acid
Concen: 48.316 ng m
RT: 9.90 min Scan# 1175
Delta R.T. 0.04 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	157441		
105	129.7	122.5	162.5	
77	123.7	123.3	163.3	





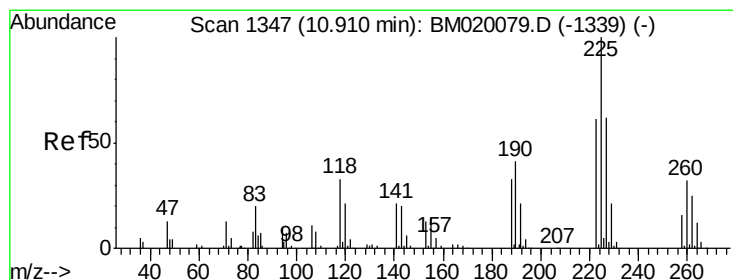
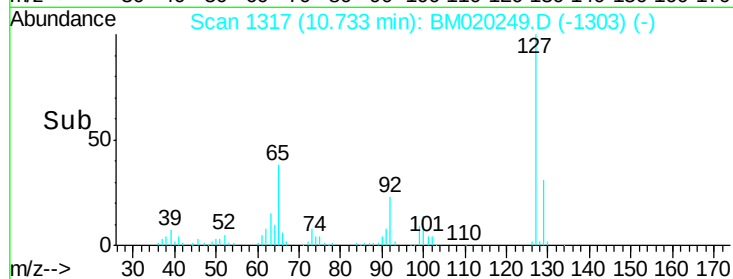
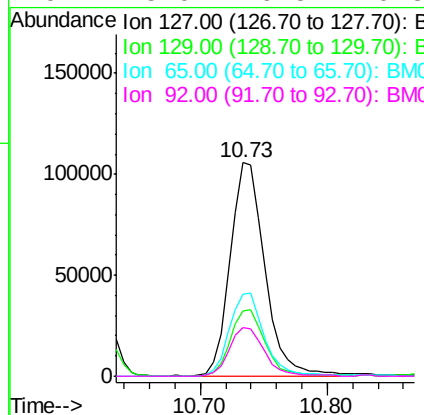
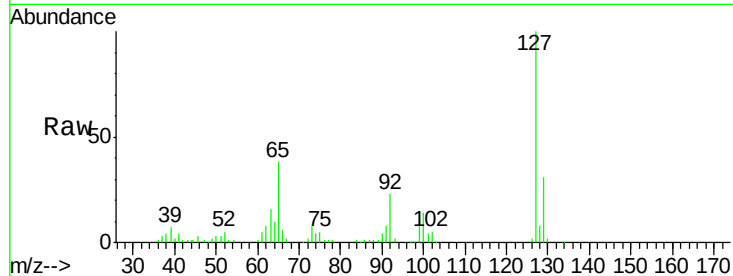
#33
4-Chloroaniline
Concen: 27.055 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	200292		
129	30.9	24.7	37.1	
65	38.1	34.6	52.0	
92	23.0	19.5	29.3	

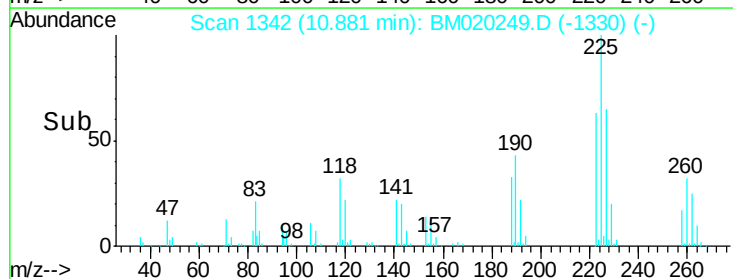
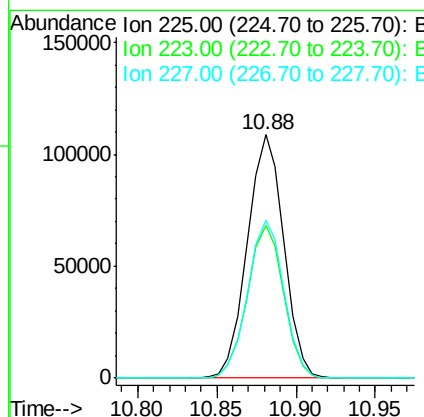
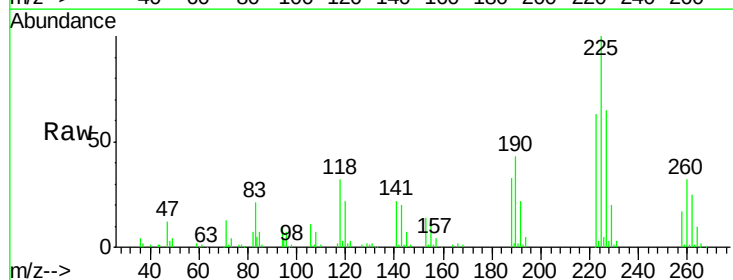
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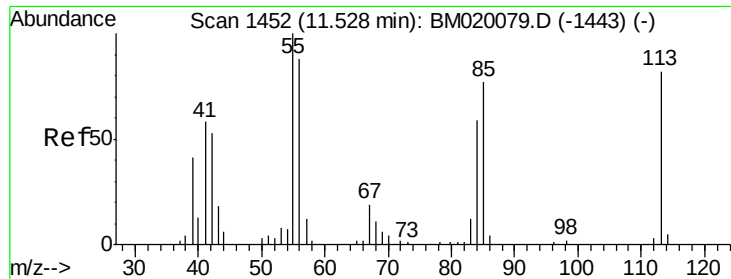
mohammad
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#34
Hexachlorobutadiene
Concen: 34.524 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	173365		
223	63.0	48.9	73.3	
227	65.0	49.6	74.4	





#35

Caprolactam

Concen: 47.574 ng m

RT: 11.55 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tgt Ion:113 Resp: 82067

Ion Ratio Lower Upper

113 100

55 128.2 102.5 142.5

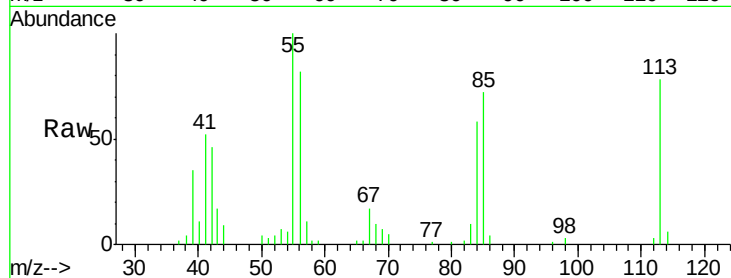
56 105.0 87.7 127.7

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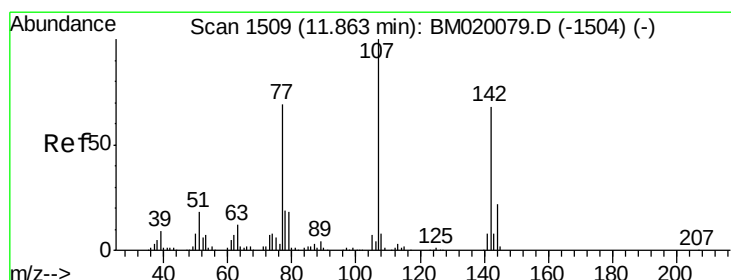
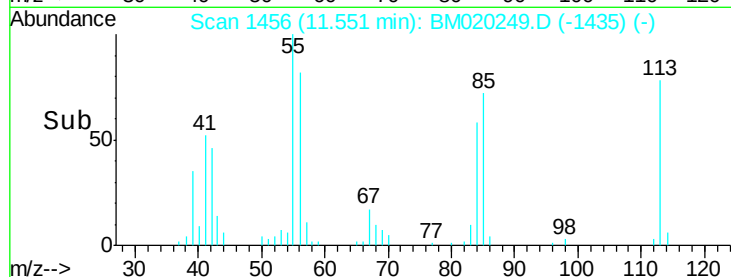
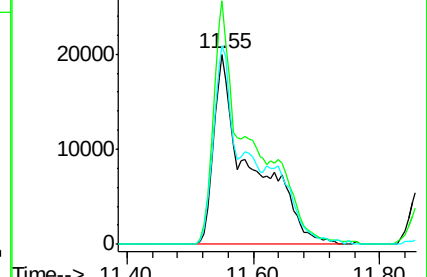
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.804 ng

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

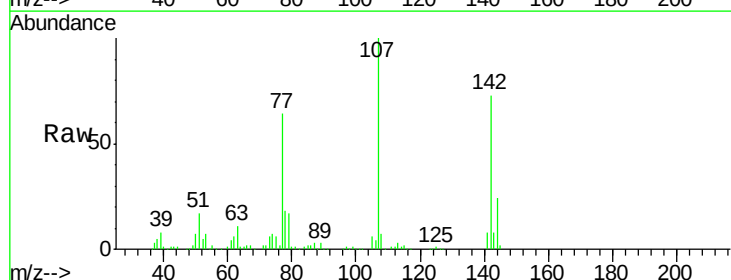
Tgt Ion:107 Resp: 290188

Ion Ratio Lower Upper

107 100

144 23.8 17.6 26.4

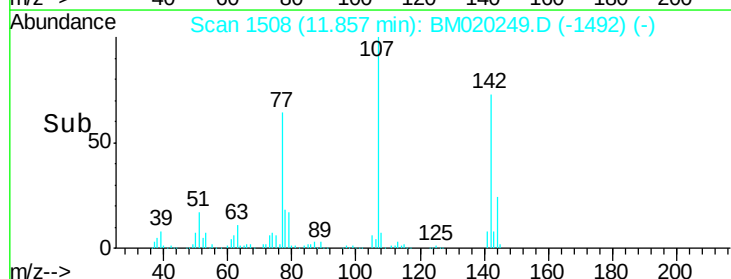
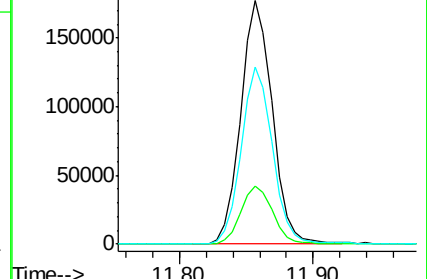
142 72.6 54.6 82.0

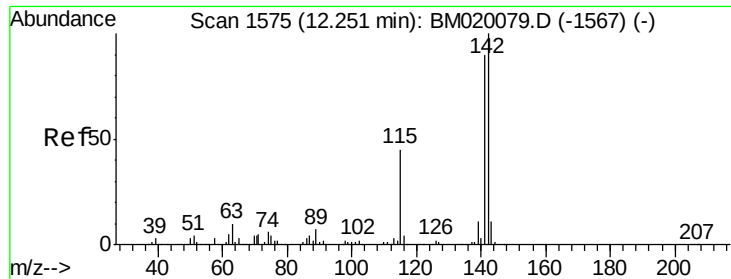


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





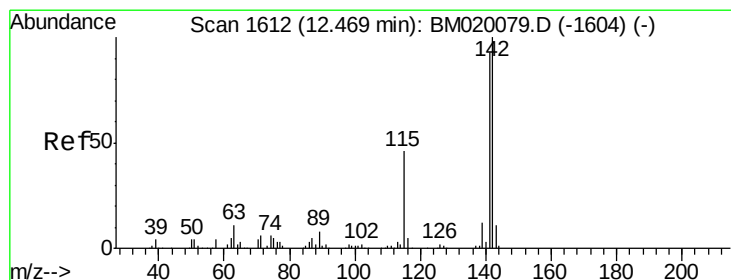
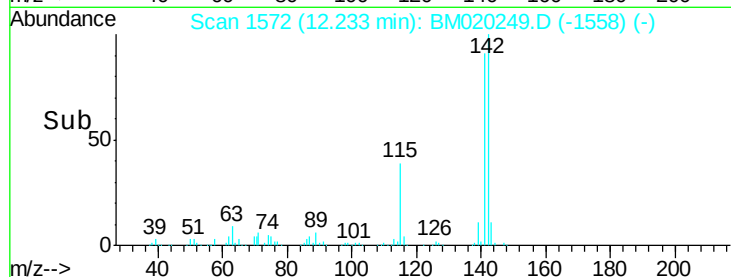
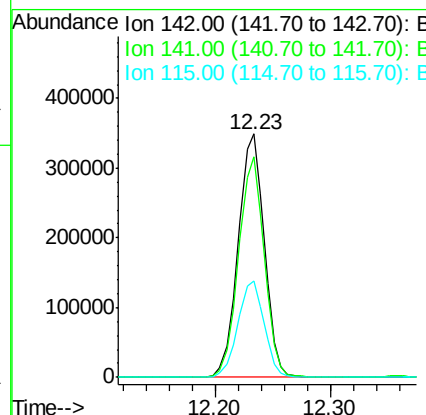
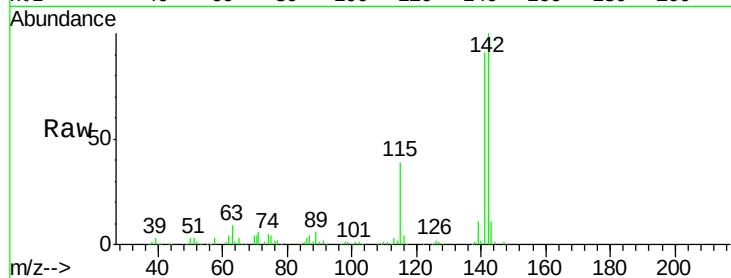
#37
2-Methylnaphthalene
Concen: 41.792 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	548010		
141	90.5	71.6	107.4	
115	39.4	35.8	53.6	

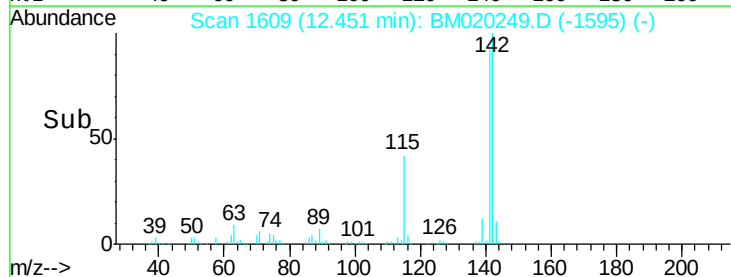
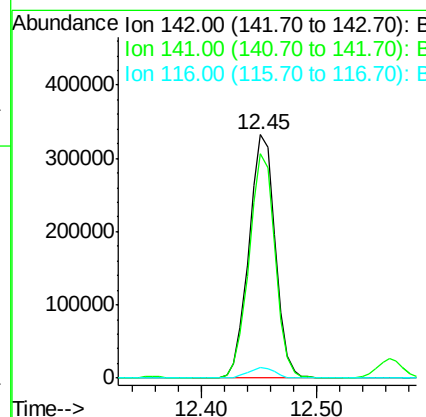
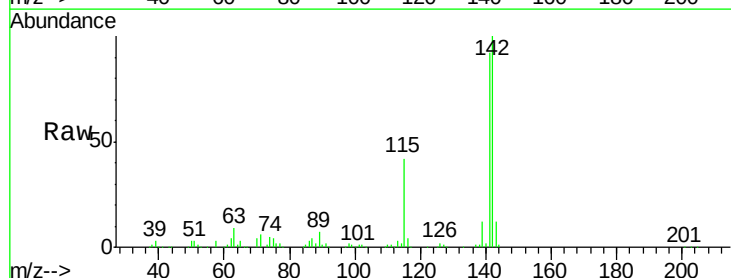
Manual Integrations
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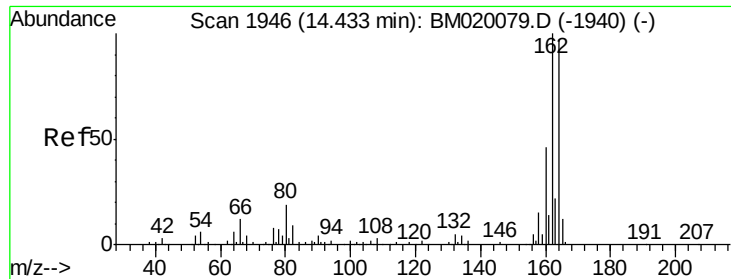
mohammad
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#38
1-Methylnaphthalene
Concen: 41.118 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	527231		
141	92.4	74.8	112.2	
116	4.5	3.9	5.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

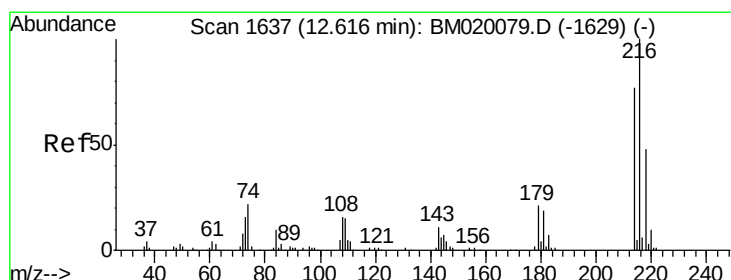
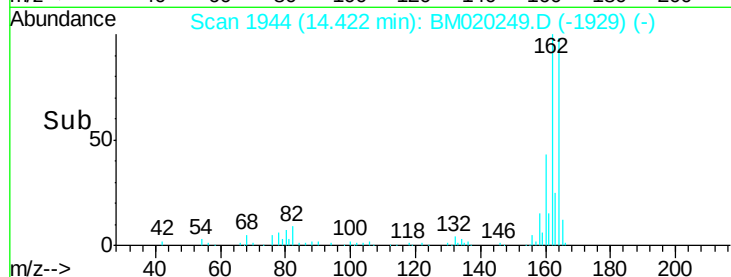
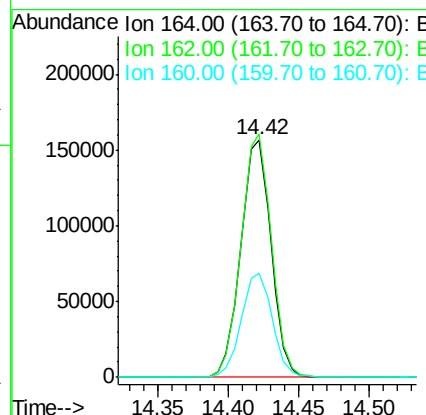
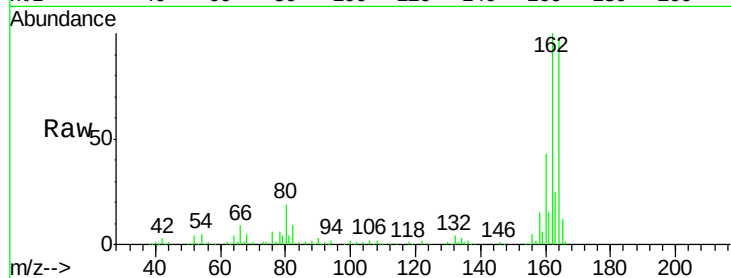
ClientSampleId :

PB119597BS

Tgt Ion:	164	Resp:	235435
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.2	123.2
160	44.1	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.502 ng

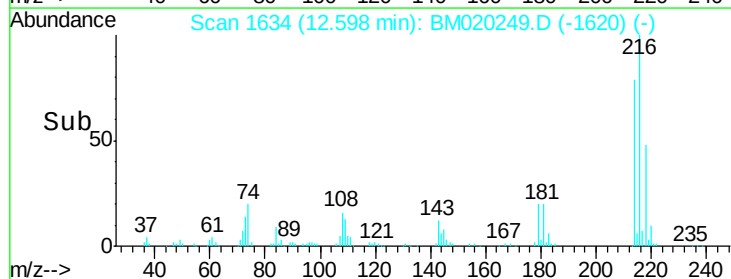
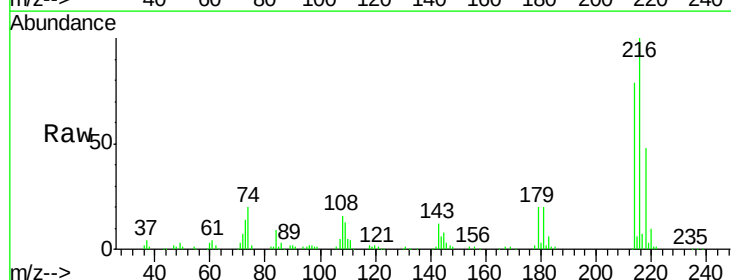
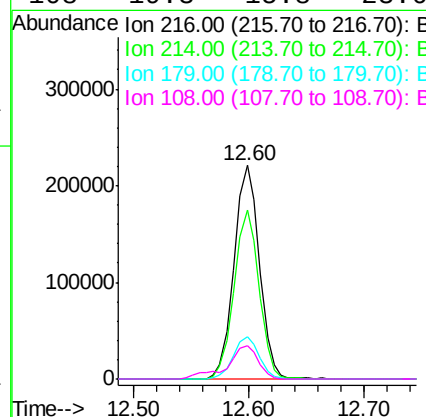
RT: 12.60 min Scan# 1634

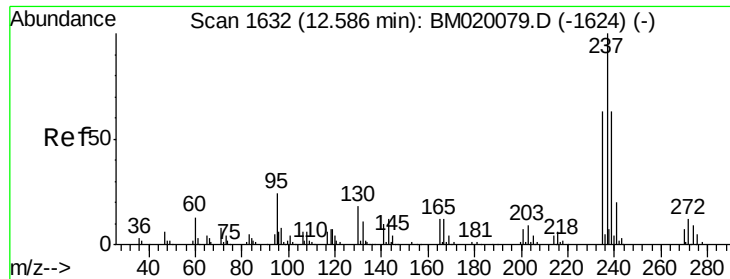
Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:	216	Resp:	336226
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.6	94.0
179	19.9	17.1	25.7
108	19.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 68.611 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tgt Ion: 237 Resp: 372112

Ion Ratio Lower Upper

237 100

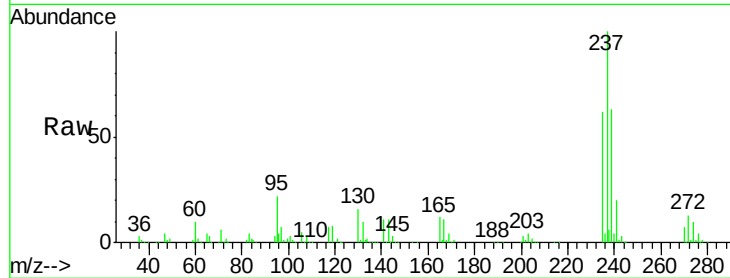
235 62.5 43.4 83.4

272 13.0 0.0 31.7

Manual Integrations
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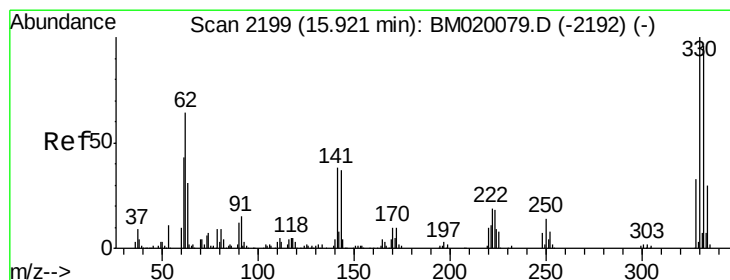
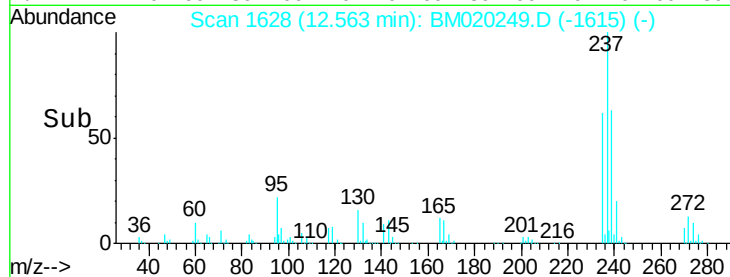
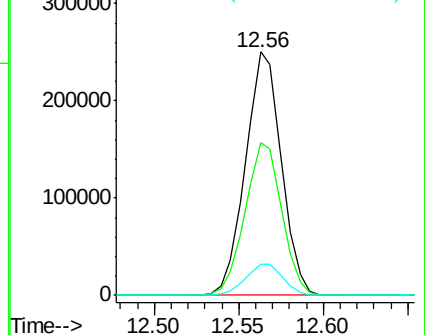
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 145.213 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

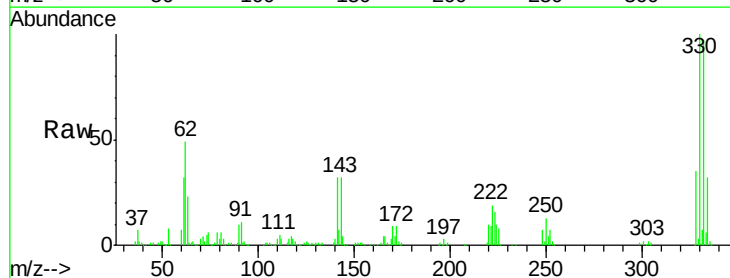
Tgt Ion: 330 Resp: 530665

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

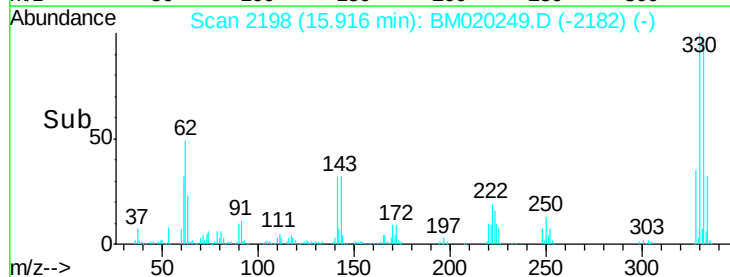
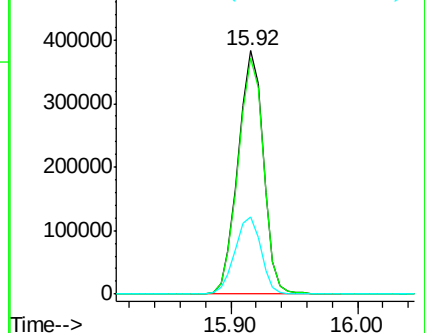
141 32.5 29.2 43.8

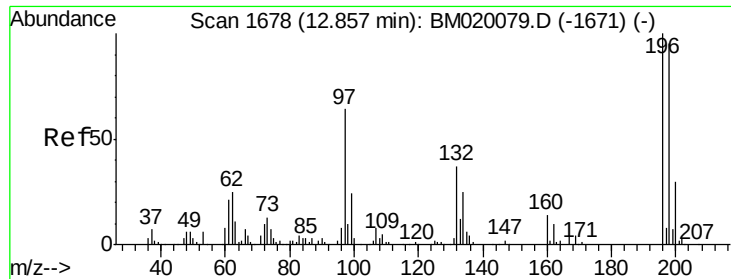


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





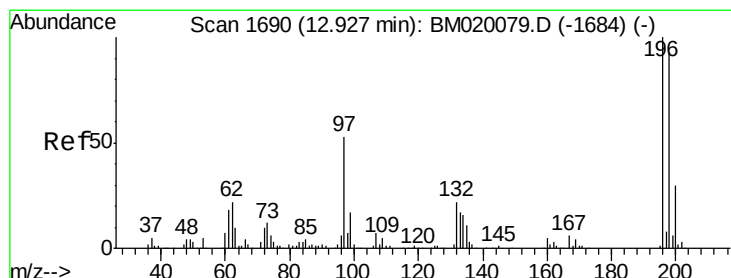
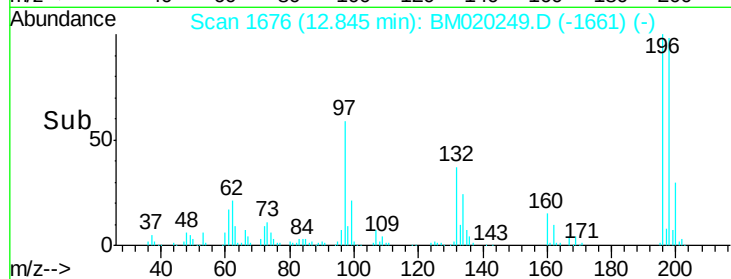
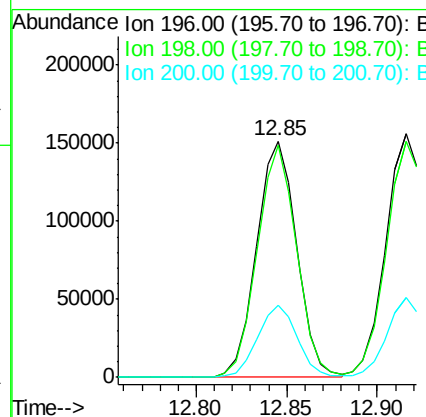
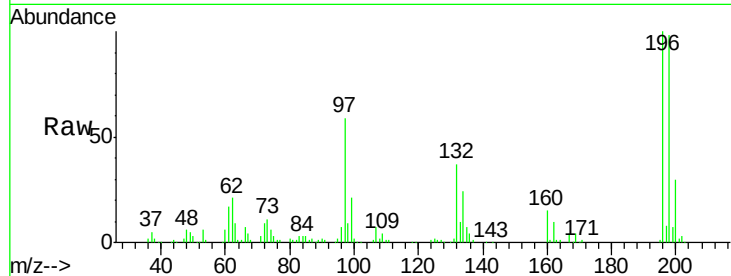
#43
 2,4,6-Trichlorophenol
 Concen: 44.391 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232385		
198	98.3	76.2	114.2	
200	30.5	24.3	36.5	

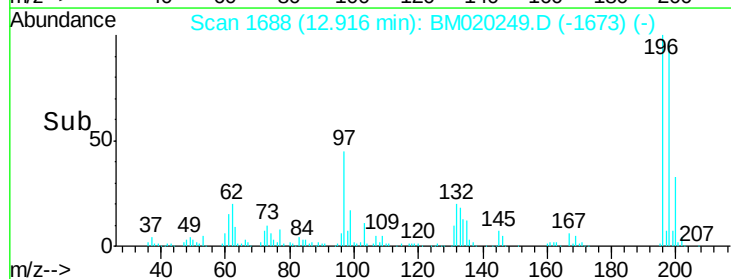
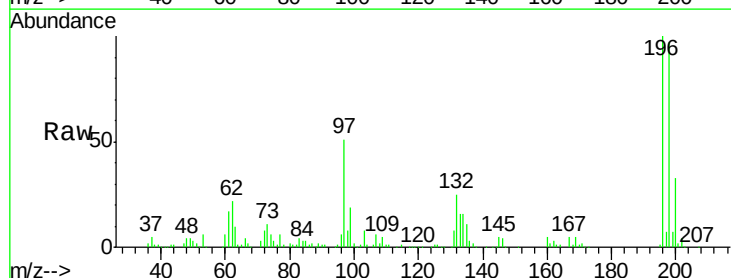
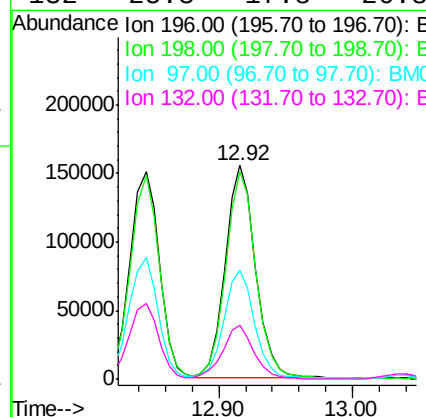
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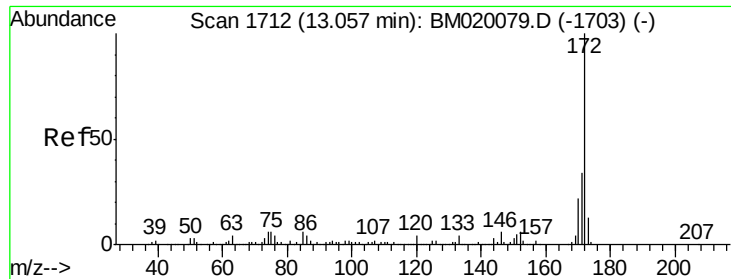
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.186 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246709		
198	97.2	74.7	112.1	
97	50.8	42.2	63.4	
132	25.3	17.8	26.8	





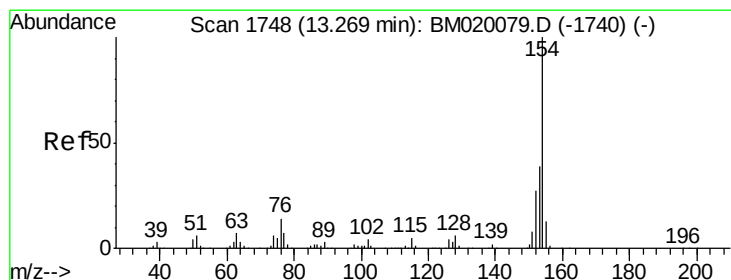
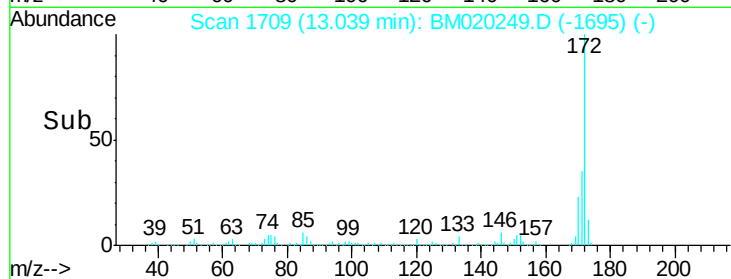
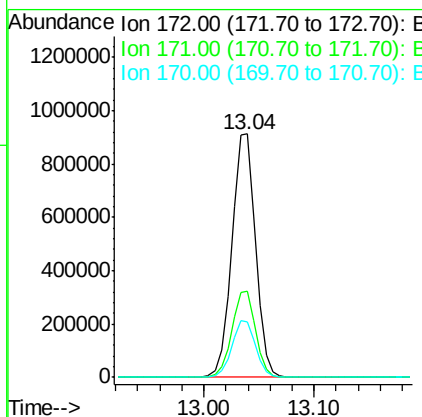
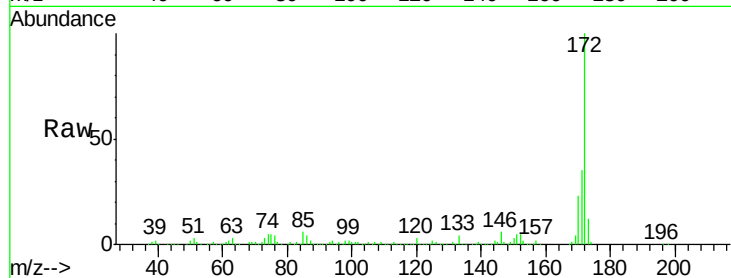
#45
2-Fluorobiphenyl
Concen: 71.974 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	22.9	17.9	26.9

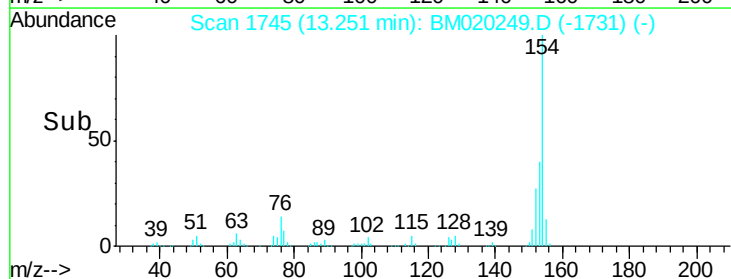
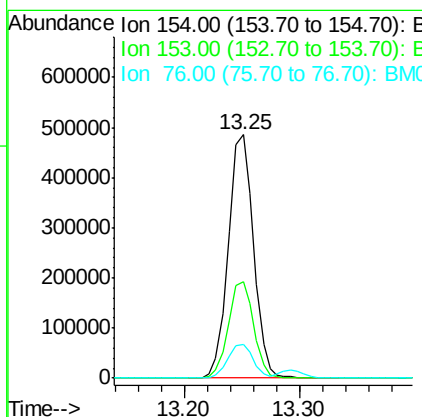
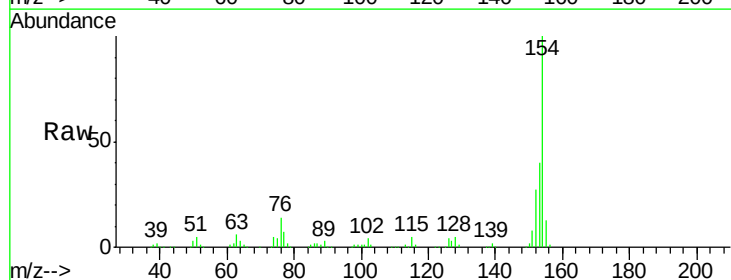
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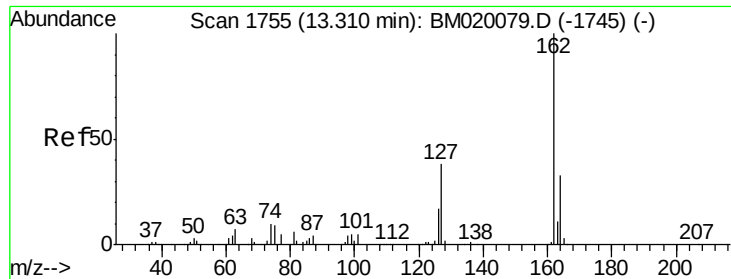
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#46
1,1'-Biphenyl
Concen: 37.882 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.4	59.4
76	14.0	0.0	34.5





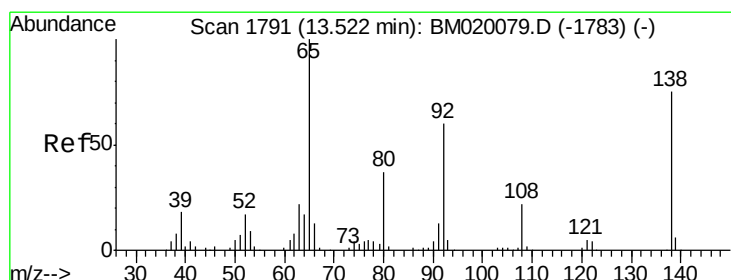
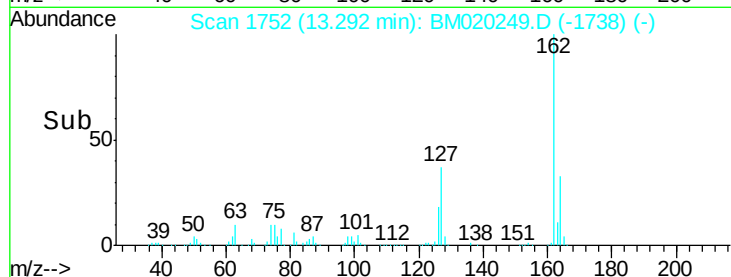
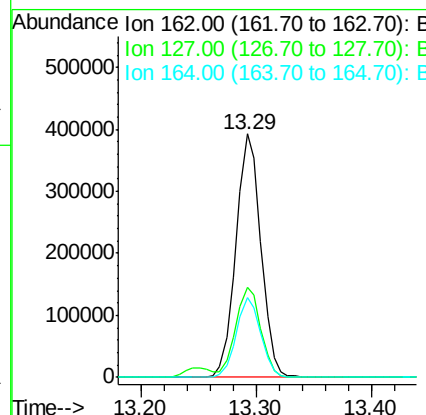
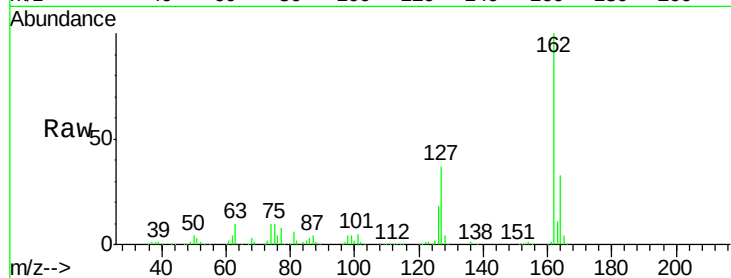
#47
2-Chloronaphthalene
Concen: 37.981 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampled :
PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	587645		
127	37.1	31.0	46.4	
164	32.9	26.2	39.2	

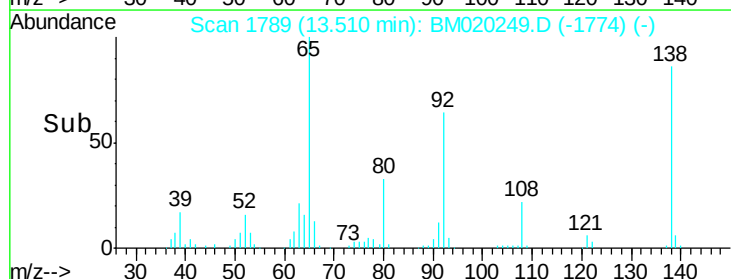
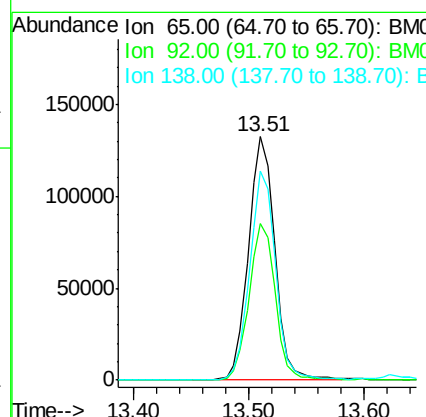
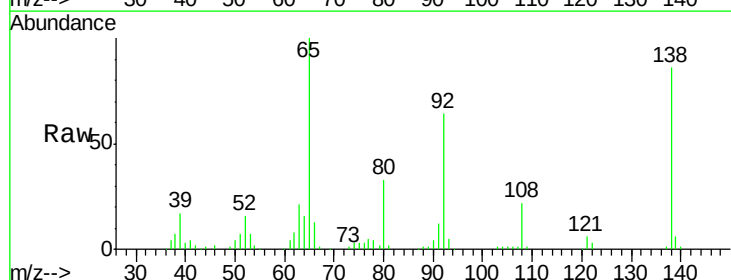
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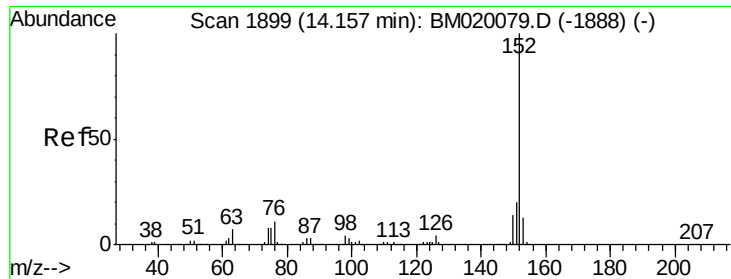
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#48
2-Nitroaniline
Concen: 38.257 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	210734		
92	64.4	48.2	72.4	
138	86.0	60.3	90.5	





#49

Acenaphthylene

Concen: 37.434 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

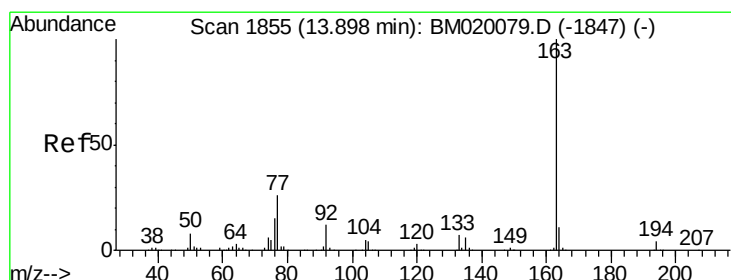
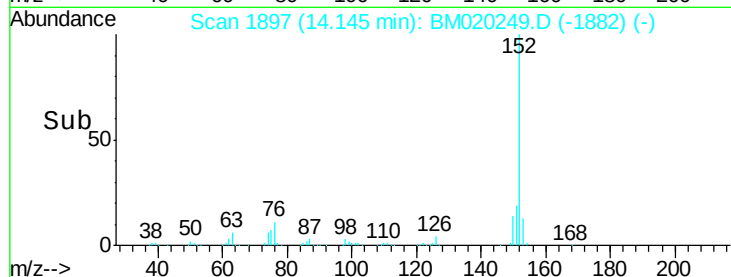
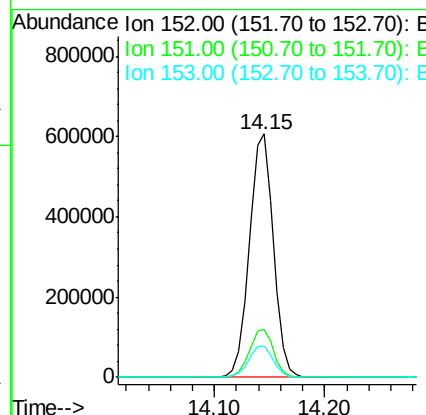
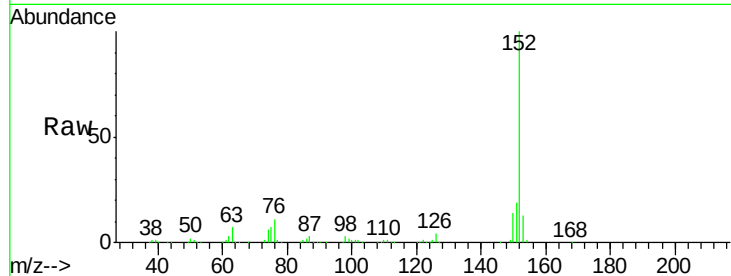
ClientSampleId :

PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	926938		
151	19.5	16.2	24.2	
153	12.6	10.6	16.0	

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#50

Dimethylphthalate

Concen: 38.602 ng

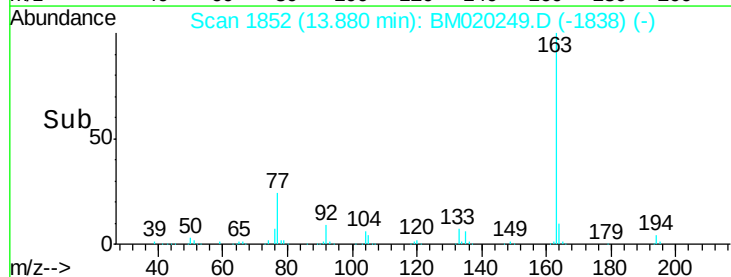
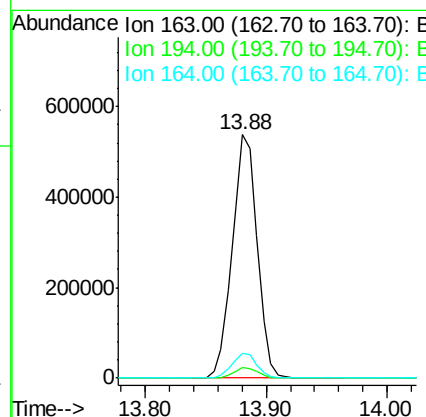
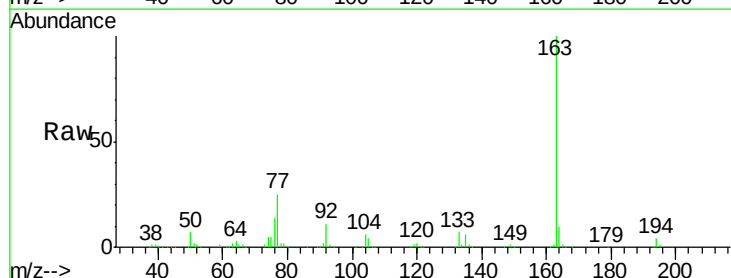
RT: 13.88 min Scan# 1852

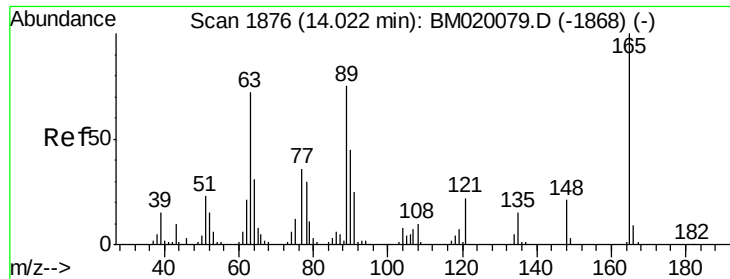
Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	772423		
194	4.4	3.6	5.4	
164	10.2	8.4	12.6	





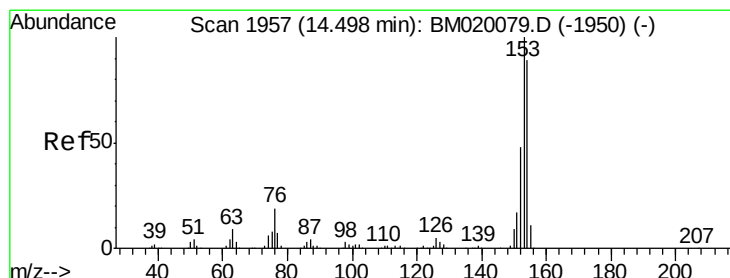
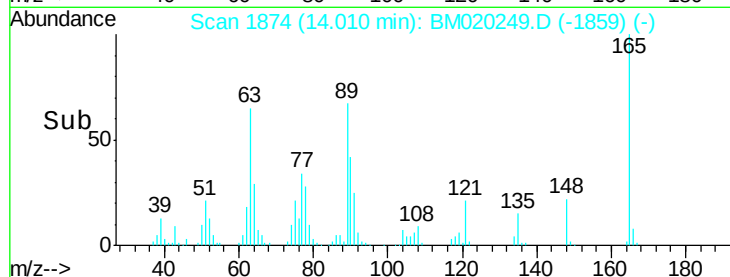
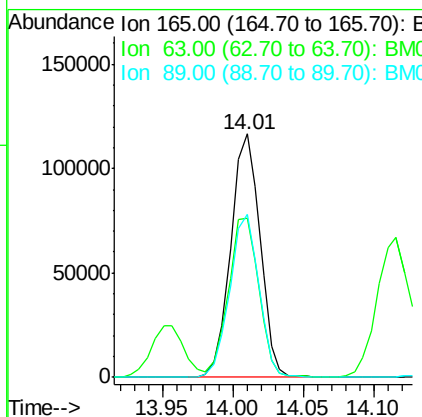
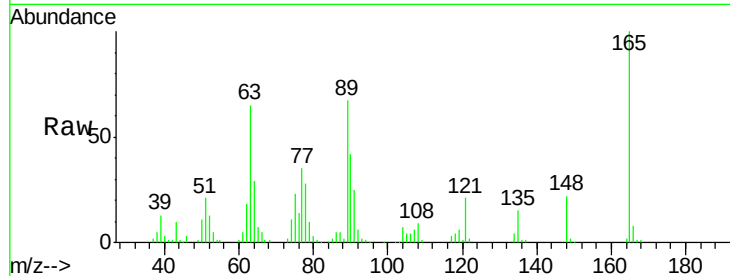
#51
 2,6-Dinitrotoluene
 Concen: 40.072 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168886		
63	65.3	60.3	90.5	
89	66.8	59.8	89.6	

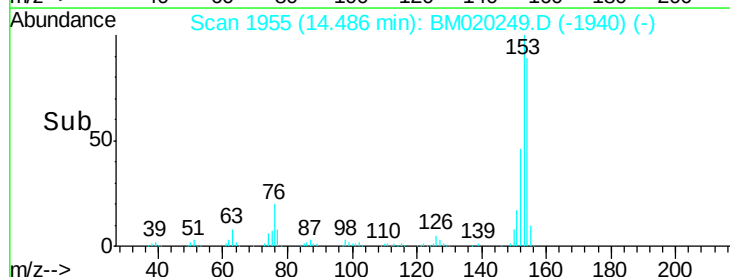
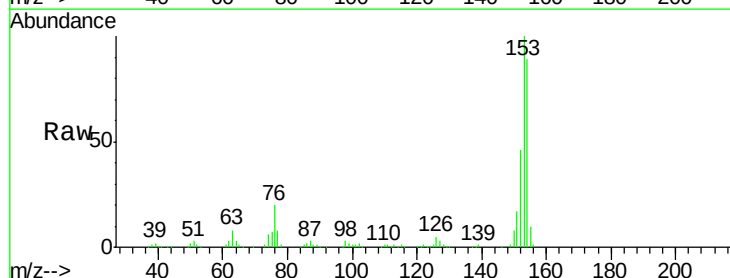
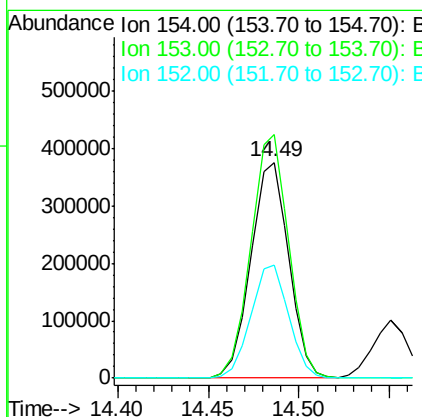
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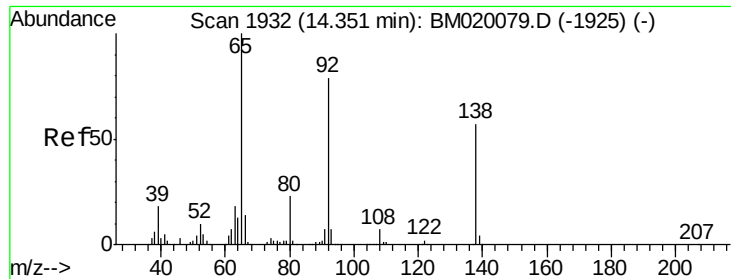
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#52
 Acenaphthene
 Concen: 38.515 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	546900		
153	112.8	90.2	135.2	
152	52.3	43.0	64.4	





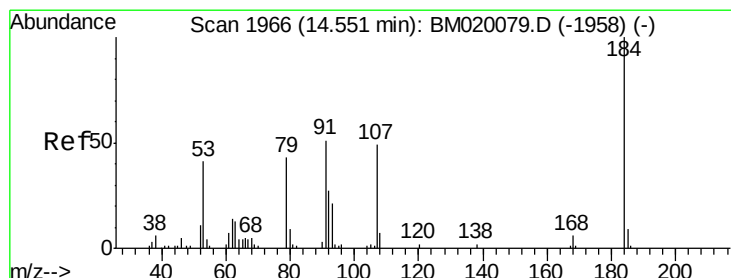
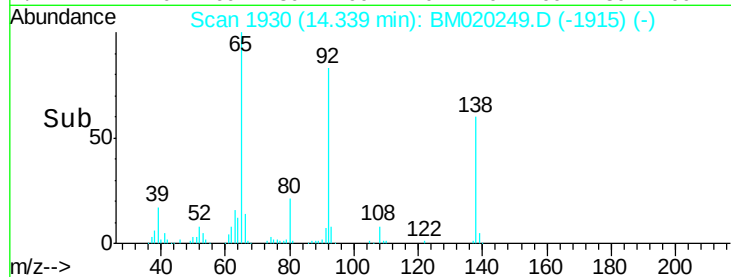
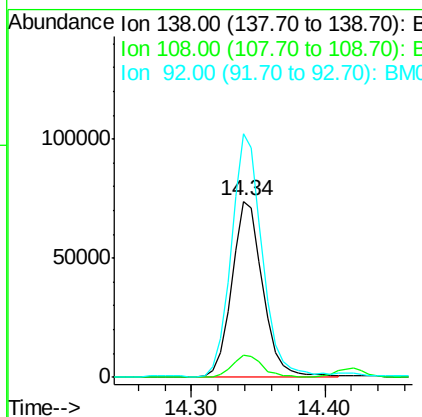
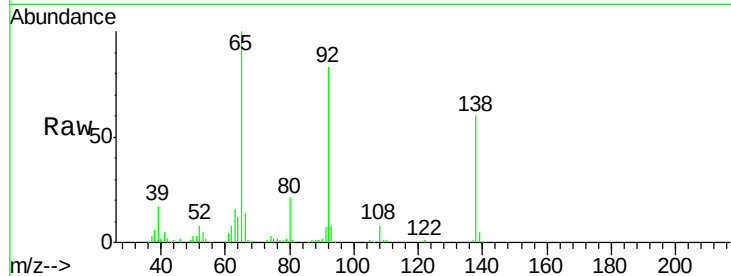
#53
 3-Nitroaniline
 Concen: 30.497 ng
 RT: 14.34 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	119291		
108	12.6	10.4	15.6	
92	138.1	111.3	166.9	

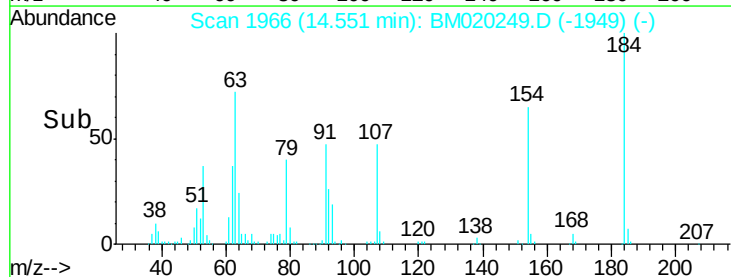
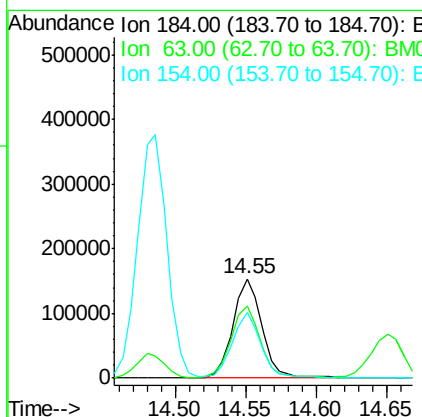
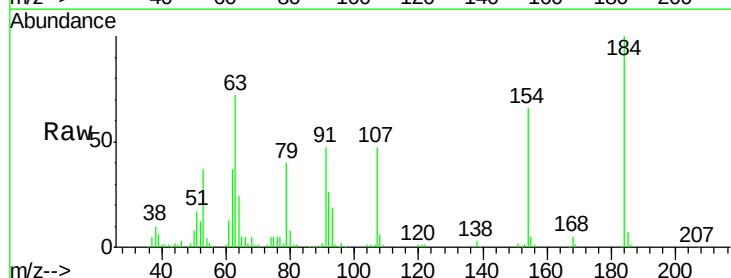
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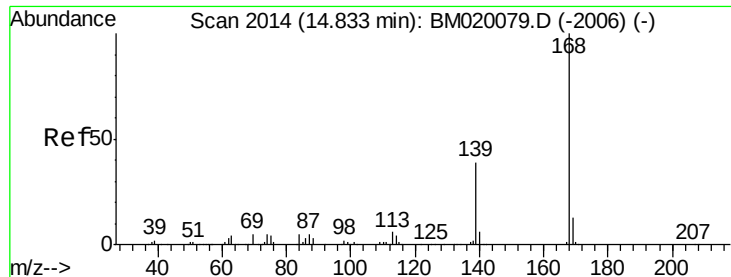
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#54
 2,4-Dinitrophenol
 Concen: 102.032 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	220905		
63	72.1	68.9	103.3	
154	65.6	54.4	81.6	





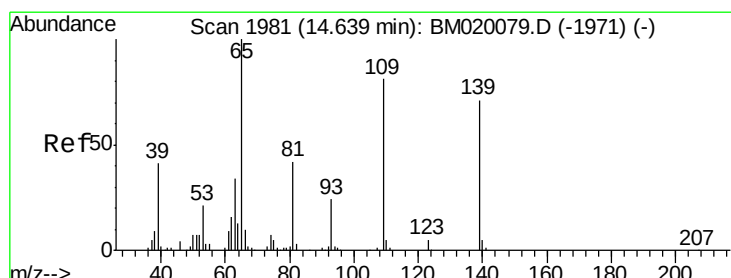
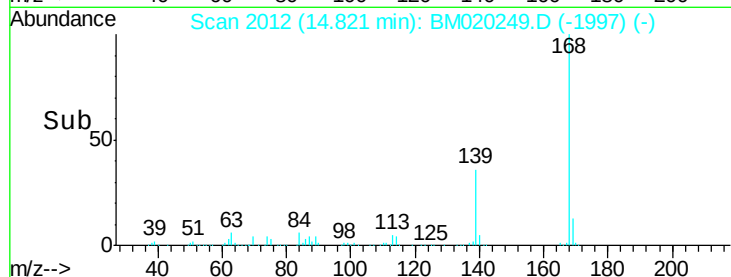
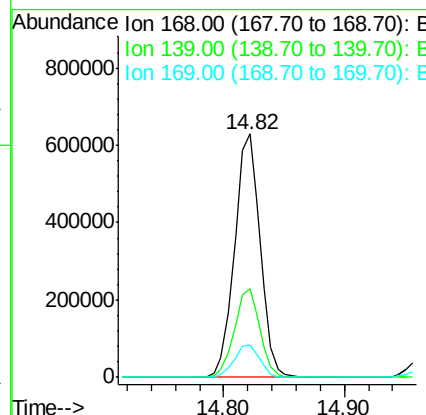
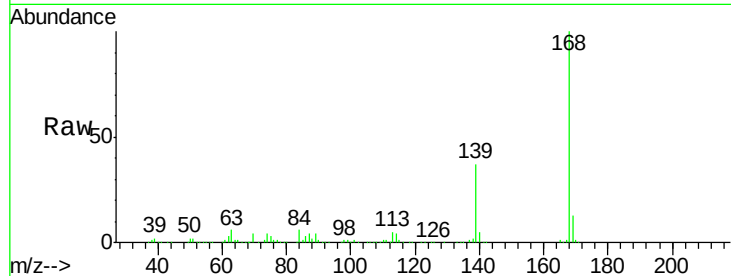
#55
Dibenzofuran
Concen: 38.671 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.1	46.7
169	13.3	10.6	16.0

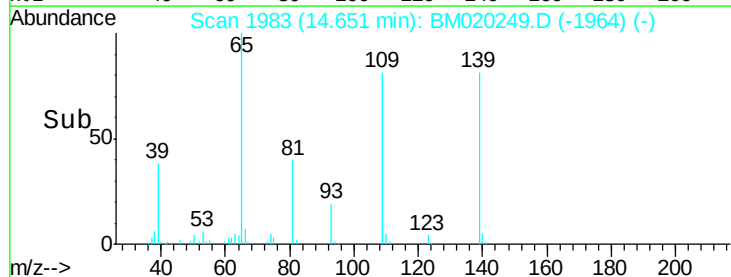
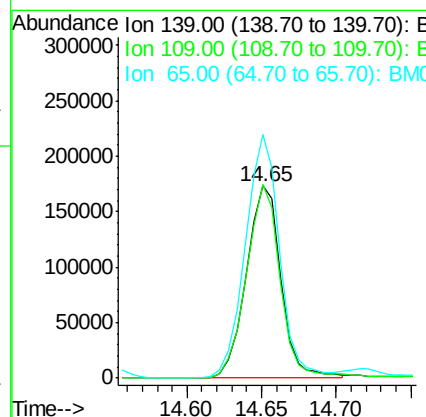
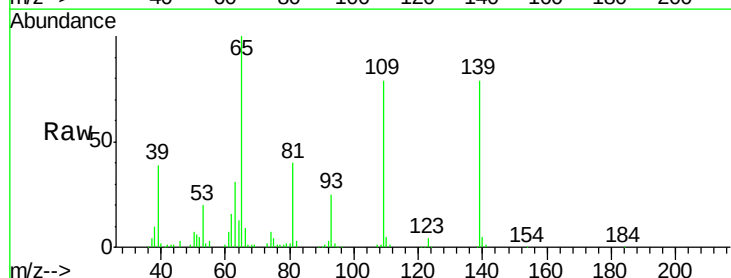
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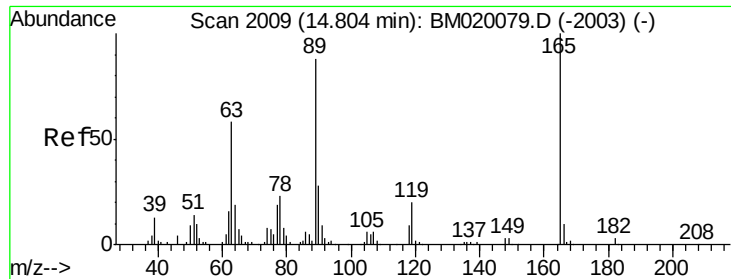
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#56
4-Nitrophenol
Concen: 83.443 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.6	94.1	134.1
65	126.8	120.9	160.9





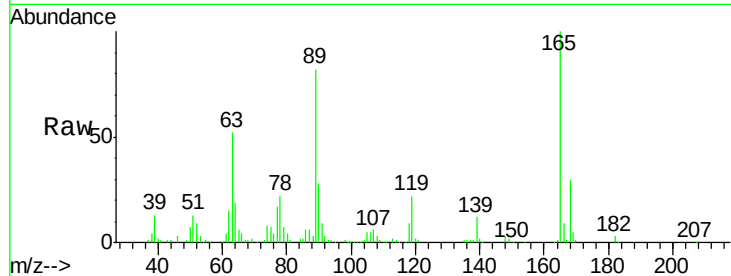
#57
 2,4-Dinitrotoluene
 Concen: 41.609 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

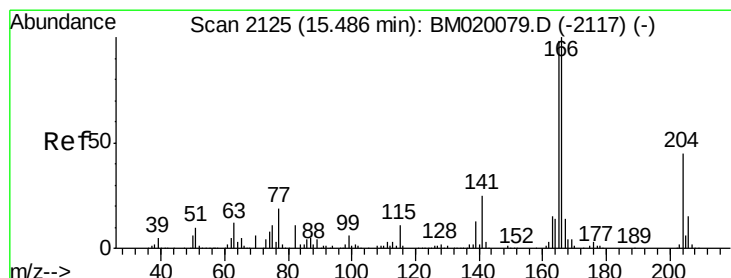
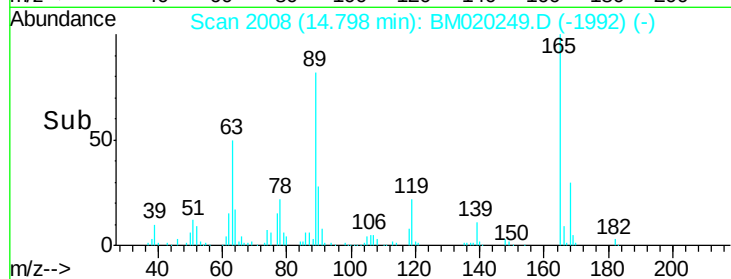
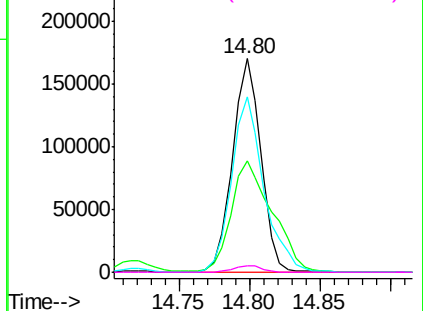
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	238285		
63	51.9	46.2	69.2	
89	81.9	70.6	105.8	
182	3.0	2.2	3.2	

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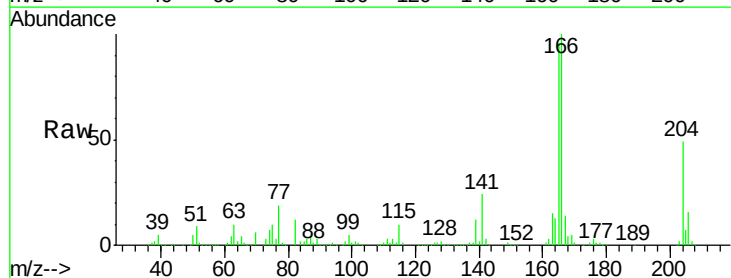


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

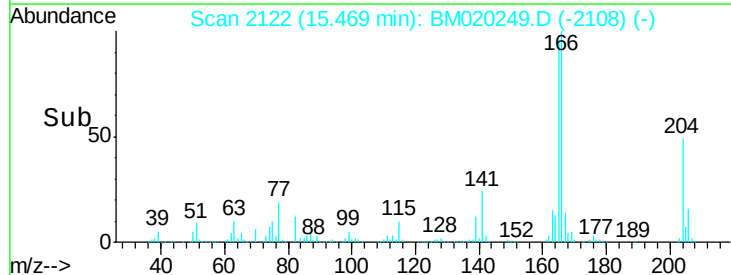
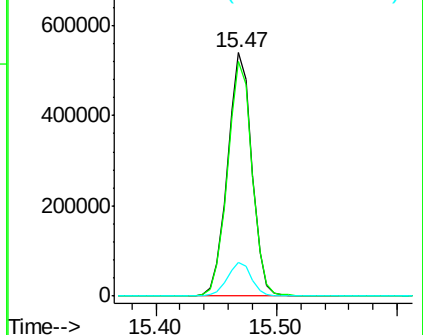


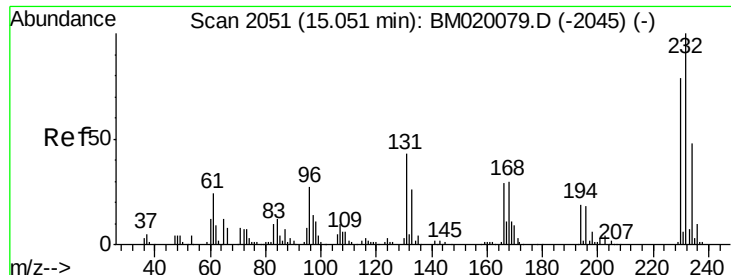
#58
 Fluorene
 Concen: 38.407 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	755498		
165	96.3	78.2	117.2	
167	13.6	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





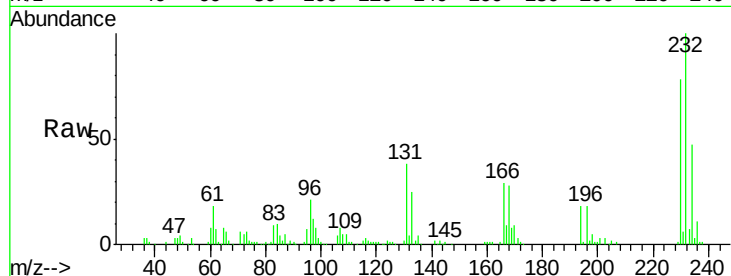
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.204 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

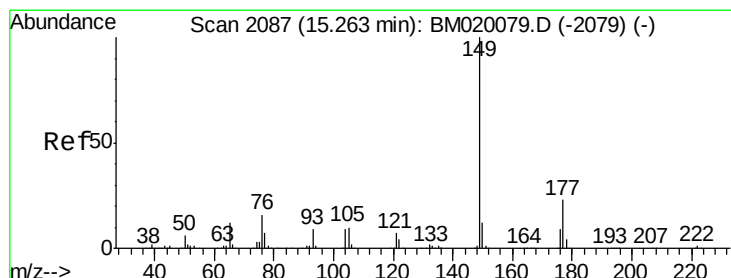
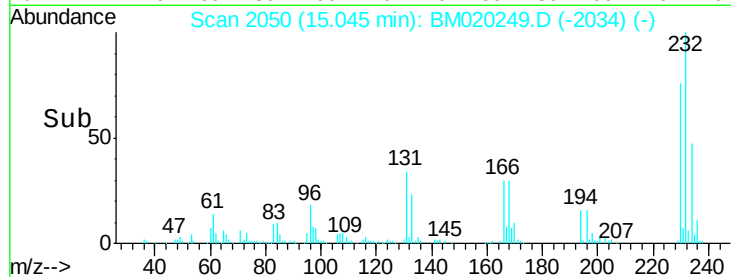
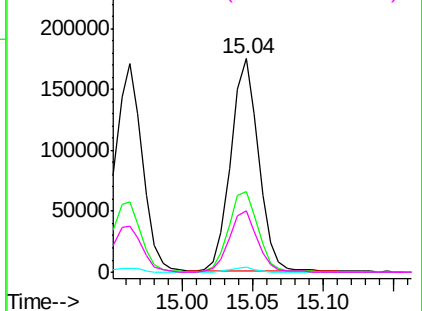
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	240108		
131	39.5	34.2	51.4	
130	2.0	2.0	3.0	
166	29.4	23.8	35.8	

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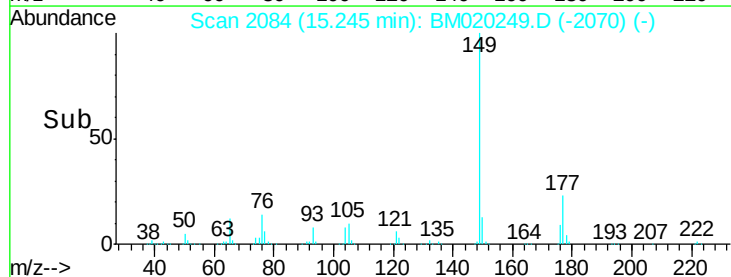
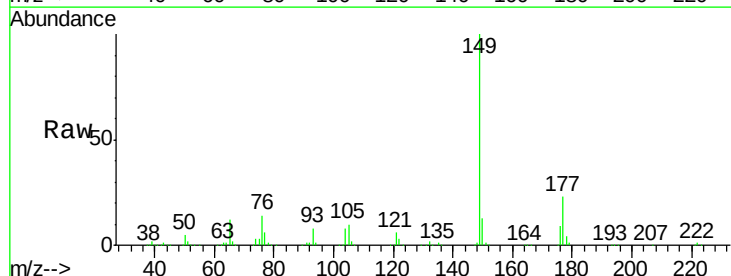
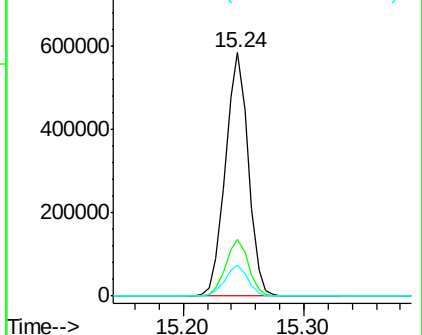
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

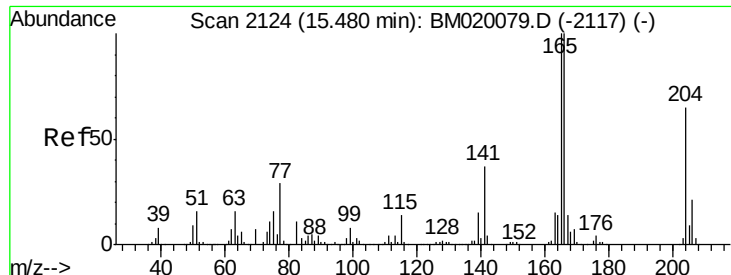


#60
Diethylphthalate
Concen: 38.029 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	766657		
177	23.2	18.2	27.4	
150	12.7	9.9	14.9	

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





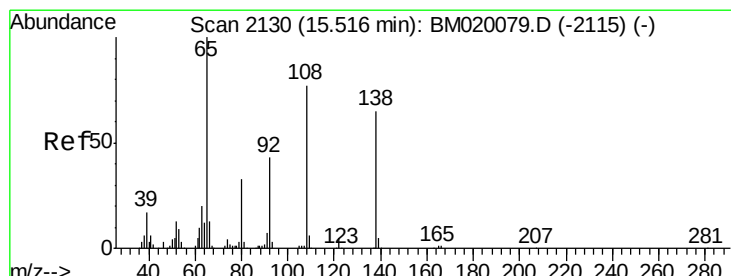
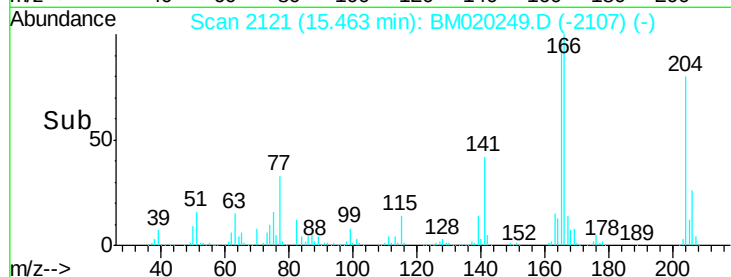
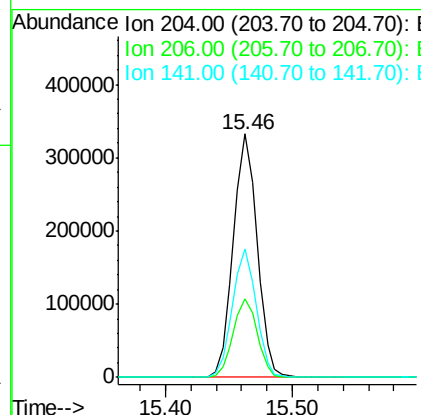
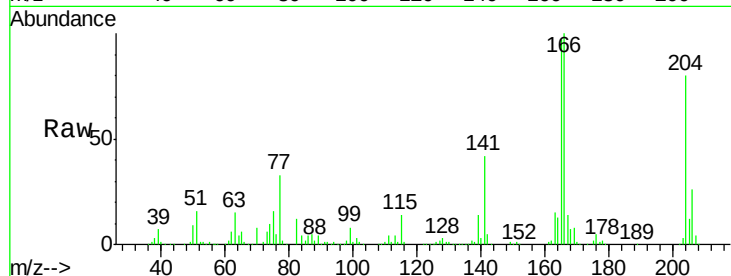
#61
 4-Chlorophenyl-phenylether
 Concen: 38.815 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion:	204	Resp:	432615
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.6	38.4
141	52.5	46.1	69.1

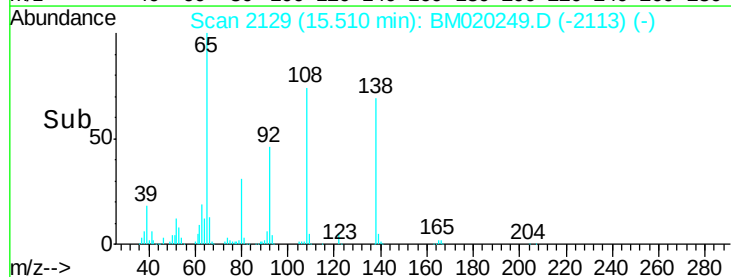
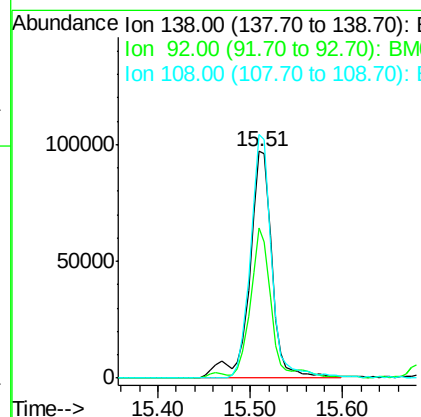
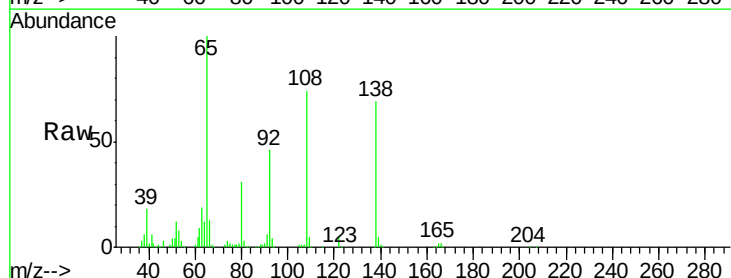
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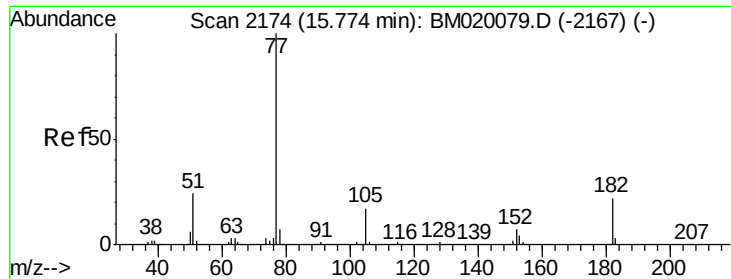
mohammad
 5/13/2019 8:25:24 AM



#62
 4-Nitroaniline
 Concen: 38.350 ng m
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion:	138	Resp:	165550
Ion Ratio	Lower	Upper	
138	100		
92	66.5	45.9	85.9
108	107.6	97.7	137.7





#63

Azobenzene

Concen: 35.763 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

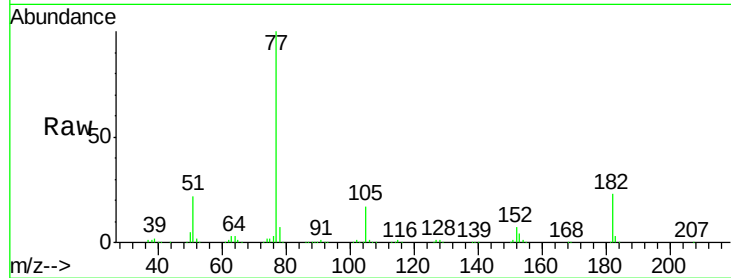
ClientSampleId :

PB119597BS

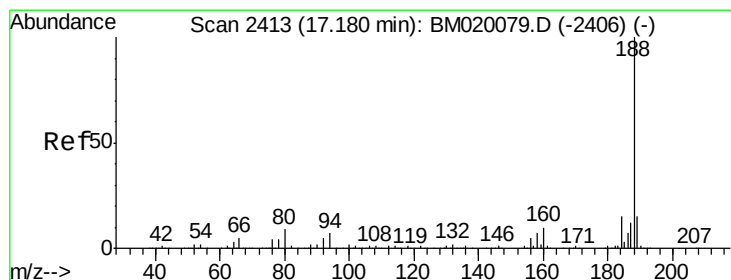
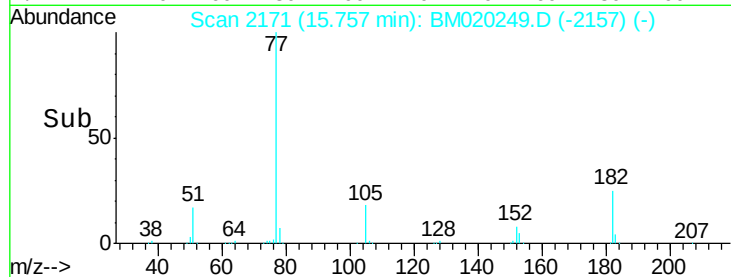
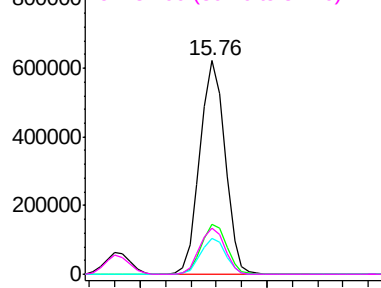
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	850545		
182	23.3	2.1	42.1	
105	17.0	0.0	36.8	
51	21.8	3.8	43.8	

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Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

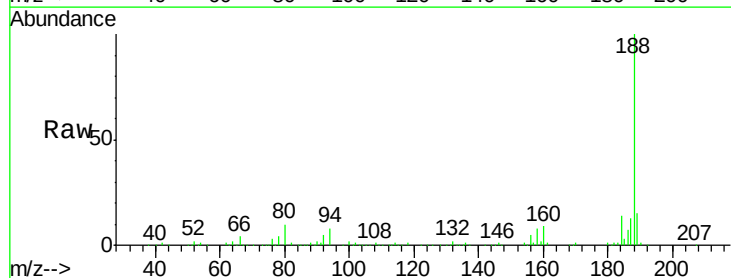
RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

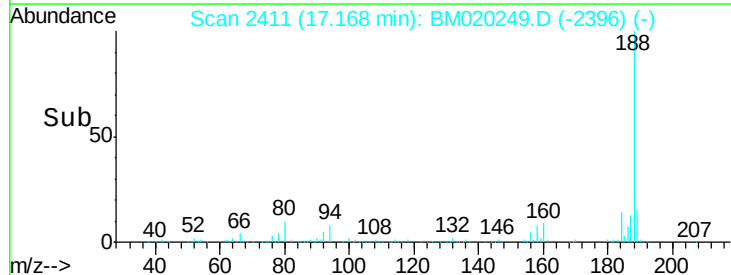
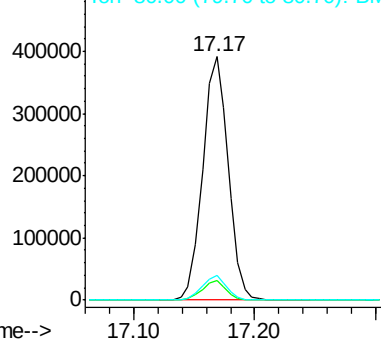
Lab File: BM020249.D

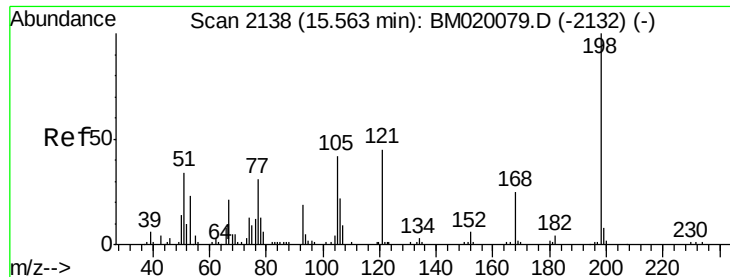
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	575304		
94	7.8	5.8	8.6	
80	10.0	7.4	11.2	



Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)





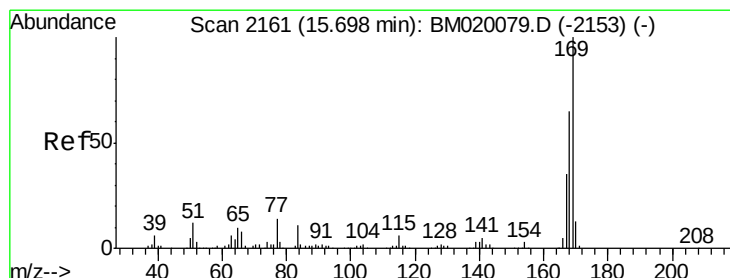
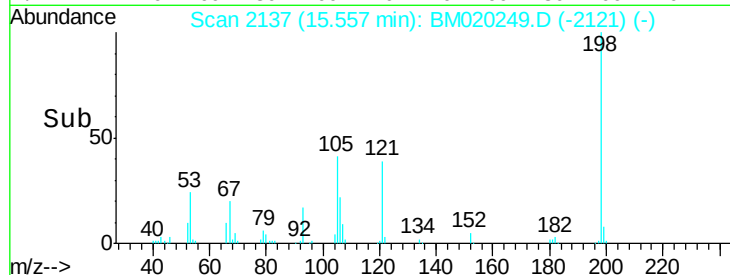
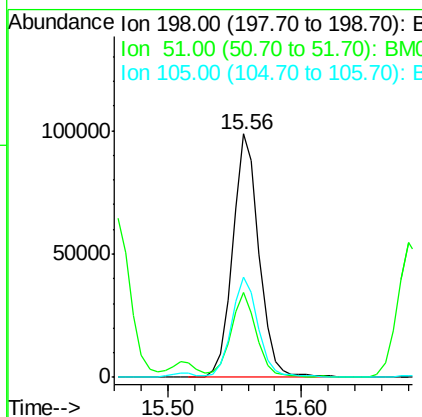
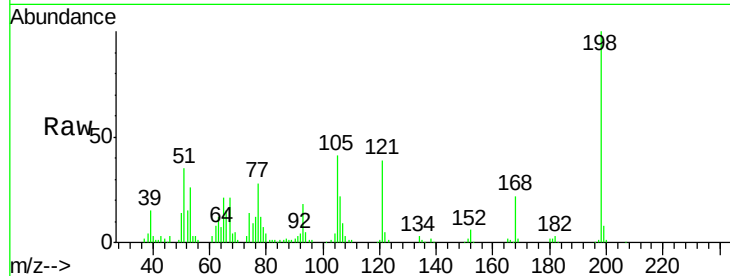
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.979 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	135850		
51	35.1	16.5	56.5	
105	41.2	22.8	62.8	

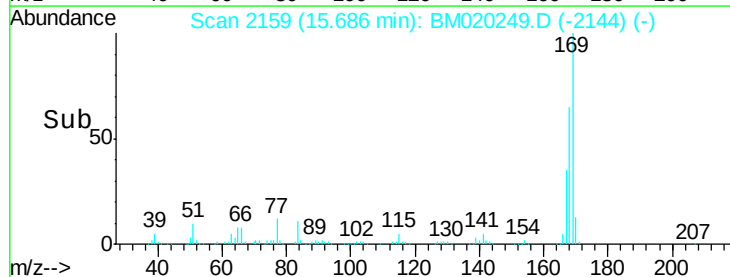
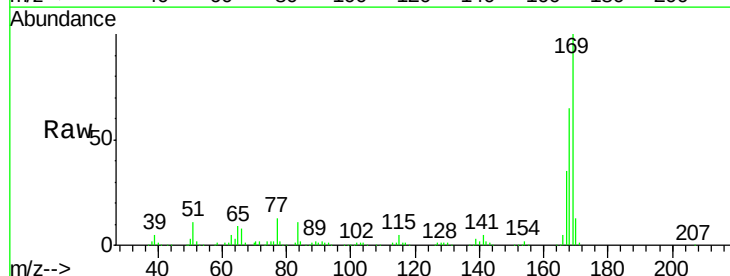
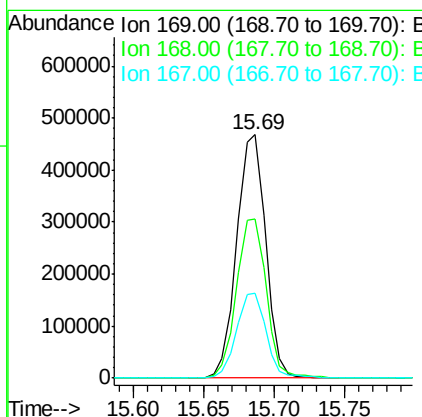
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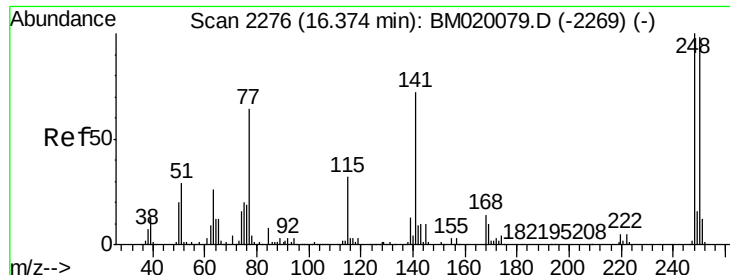
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#66
 n-Nitrosodiphenylamine
 Concen: 39.778 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	673383		
168	65.4	51.9	77.9	
167	35.0	27.8	41.6	





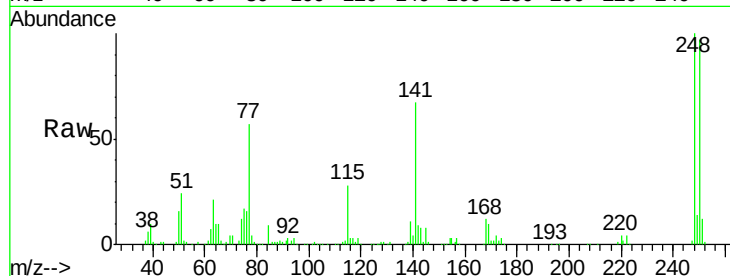
#67
 4-Bromophenyl-phenylether
 Concen: 38.249 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampled :
 PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	269839		
250	97.4		78.4	117.6
141	66.8		57.4	86.2

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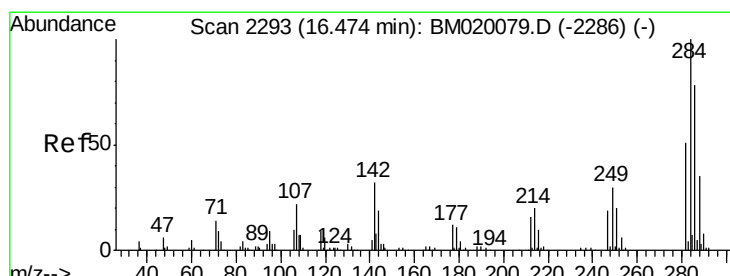
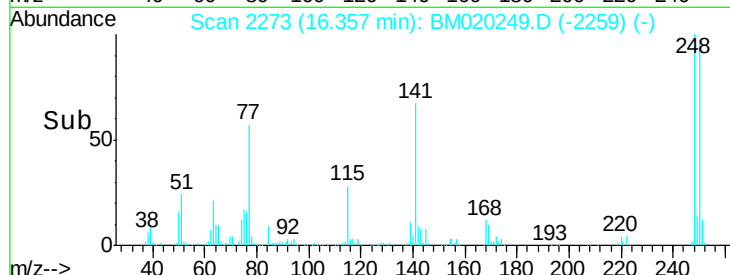
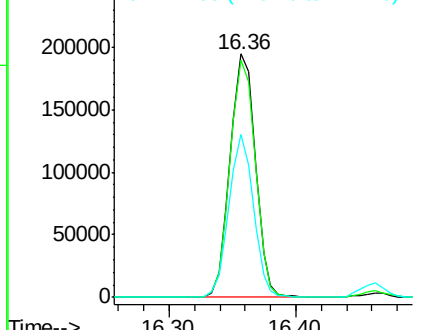


Abundance

Ion 248.00 (247.70 to 248.70): E

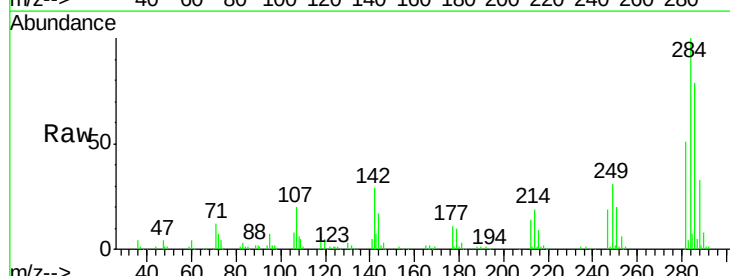
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.185 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	309995		
142	28.9		25.2	37.8
249	30.9		23.6	35.4

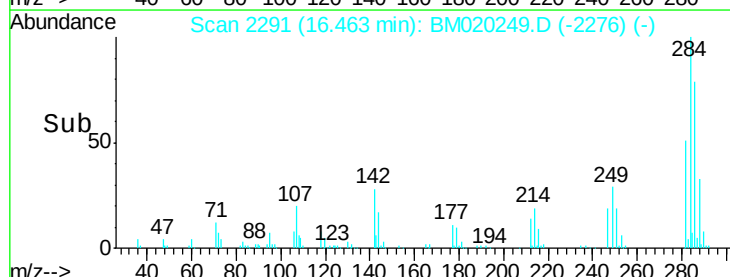
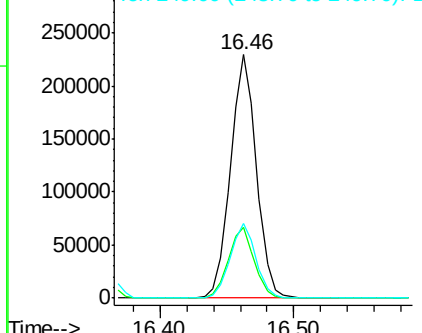


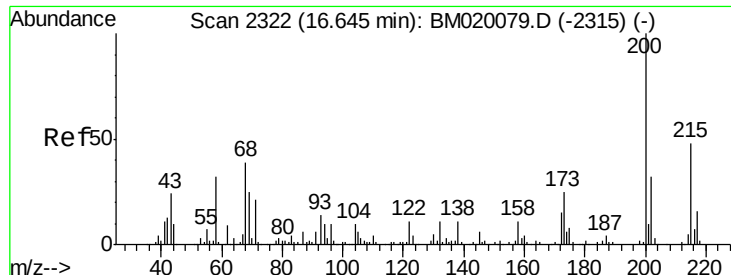
Abundance

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





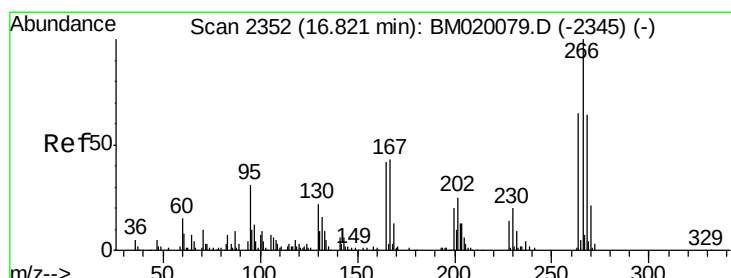
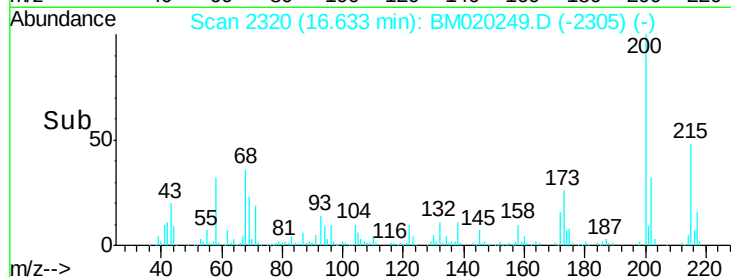
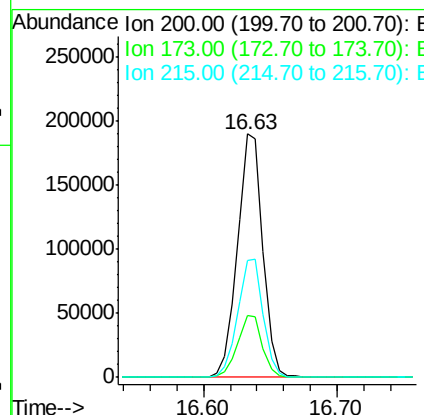
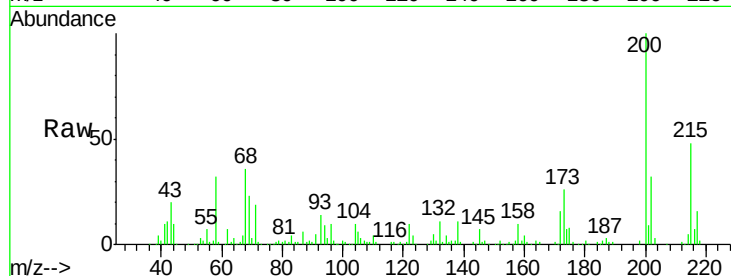
#69
Atrazine
Concen: 38.076 ng
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampled :
PB119597BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.6	4.6	44.6
215	48.0	28.0	68.0

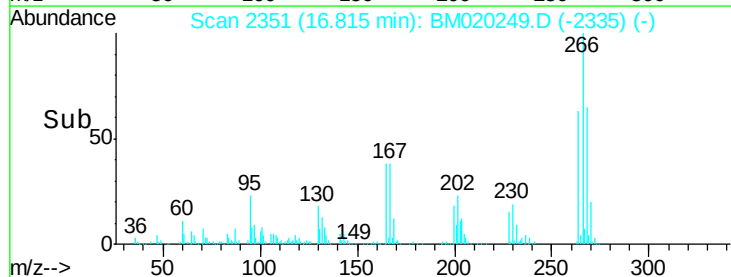
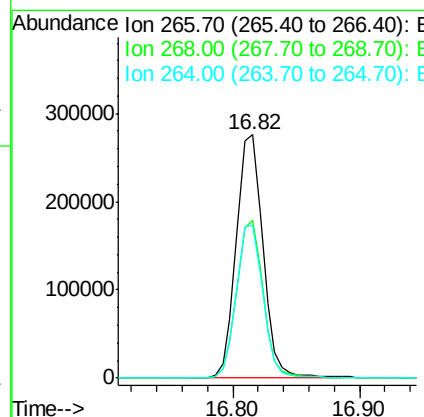
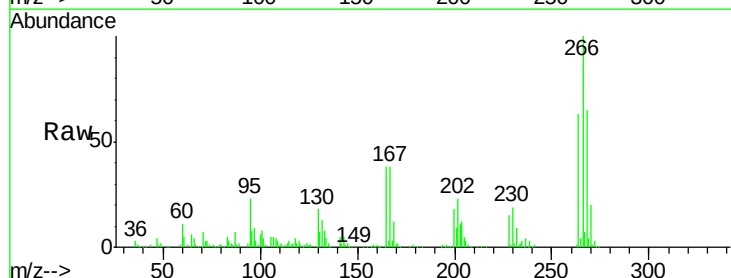
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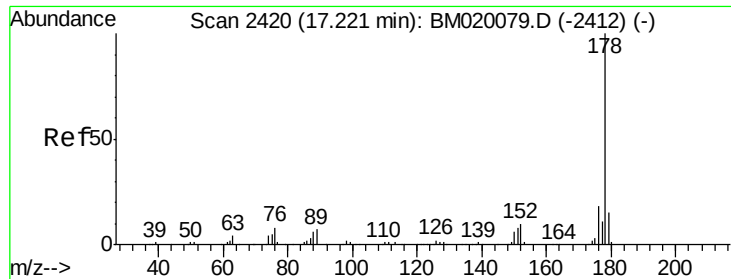
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#70
Pentachlorophenol
Concen: 86.731 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.0	51.4	77.0
264	62.9	52.0	78.0





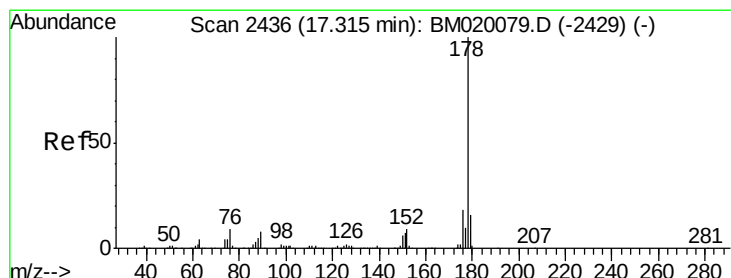
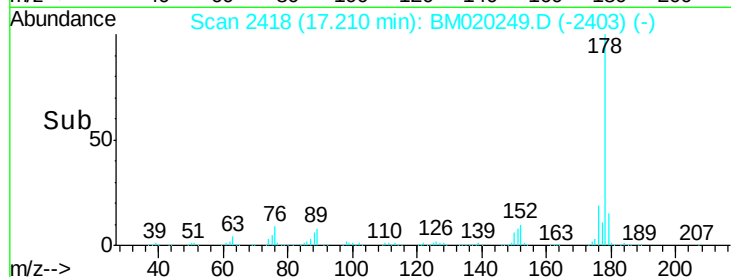
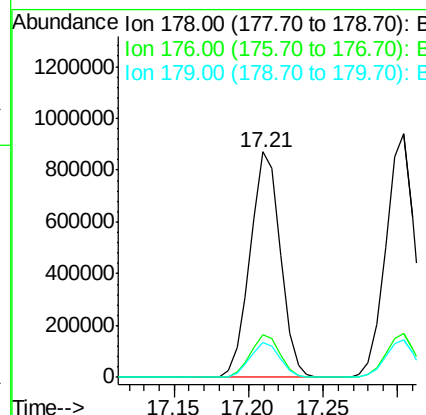
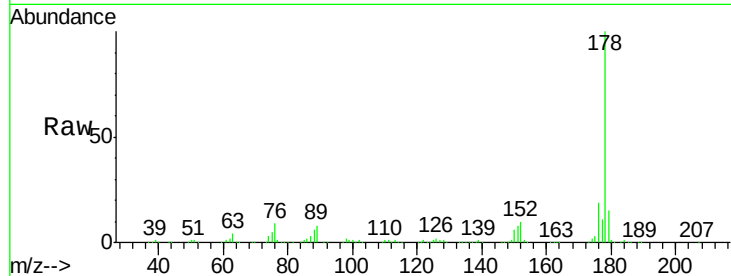
#71
Phenanthrene
Concen: 38.332 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion:178 Resp: 1217325
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.4 12.4 18.6

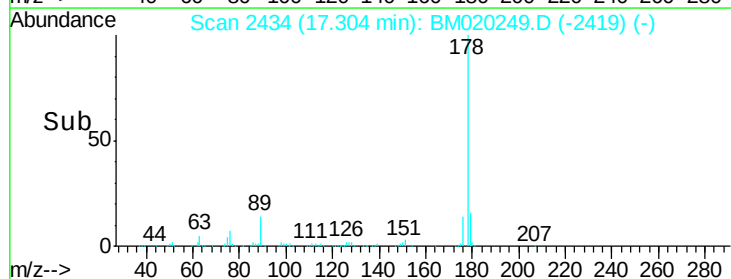
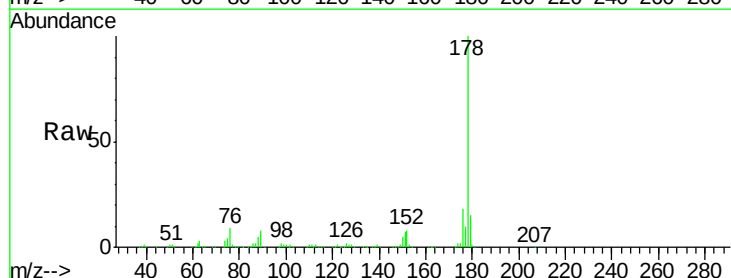
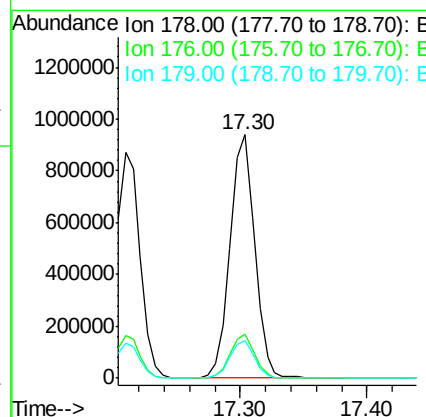
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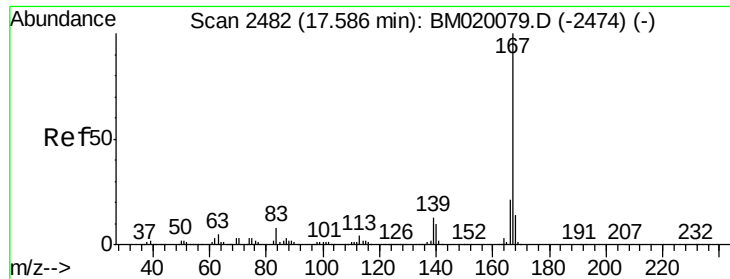
mohammad
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#72
Anthracene
Concen: 39.536 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:178 Resp: 1255326
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.3 12.4 18.6





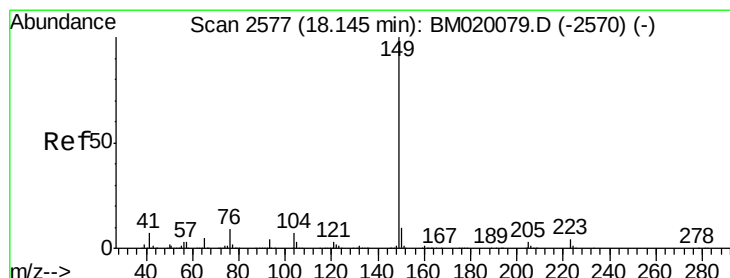
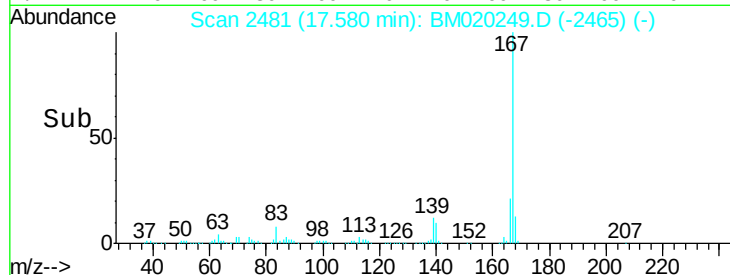
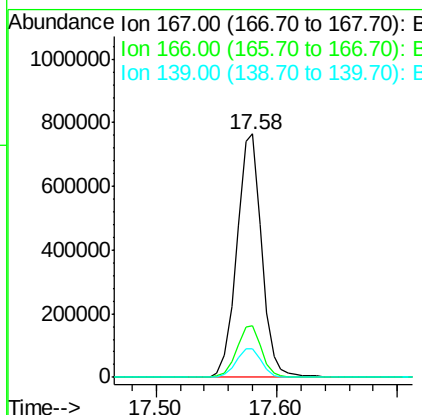
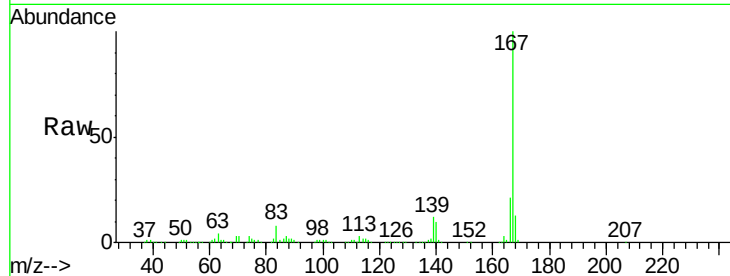
#73
 Carbazole
 Concen: 38.194 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion:167 Resp: 1094247
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.0 10.6 16.0

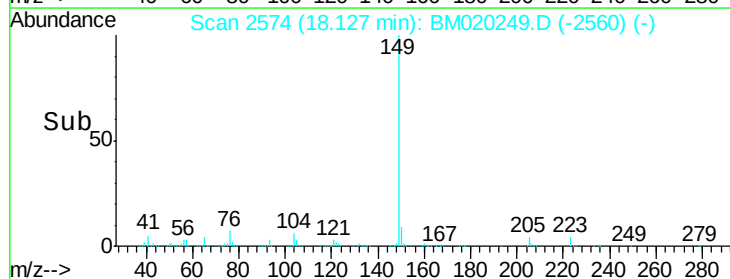
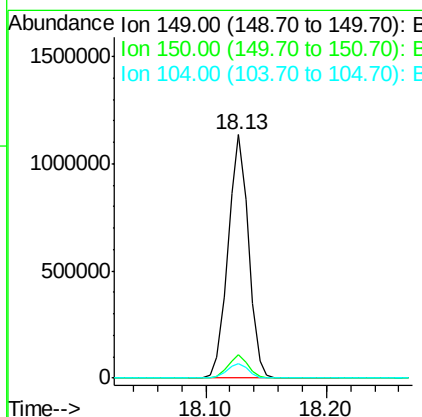
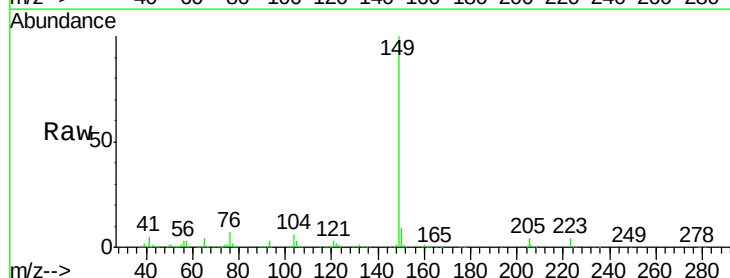
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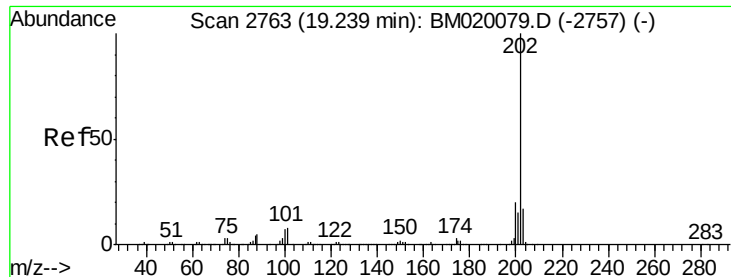
mohammad
 5/13/2019 8:25:24 AM



#74
 Di-n-butylphthalate
 Concen: 38.696 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion:149 Resp: 1334196
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 6.0 5.7 8.5





#75

Fluoranthene

Concen: 38.094 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

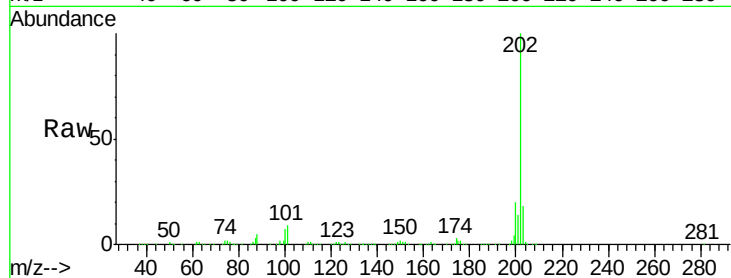
ClientSampleId :

PB119597BS

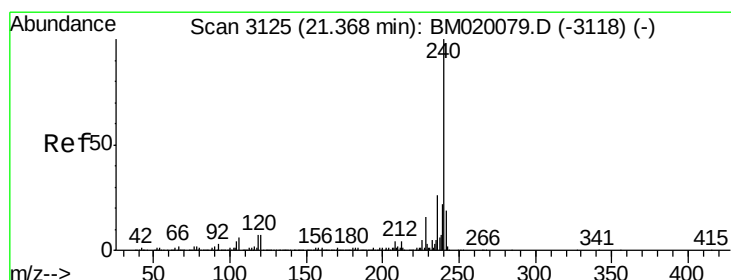
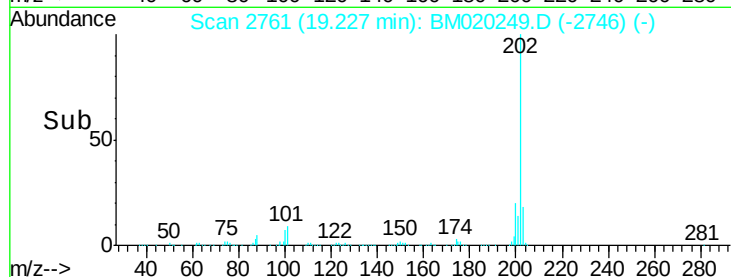
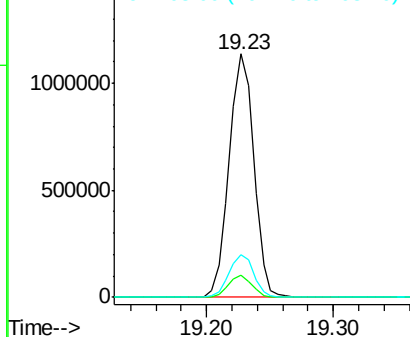
Tgt Ion:	202	Resp:	1530652
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	28.4
203	17.5	0.0	37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

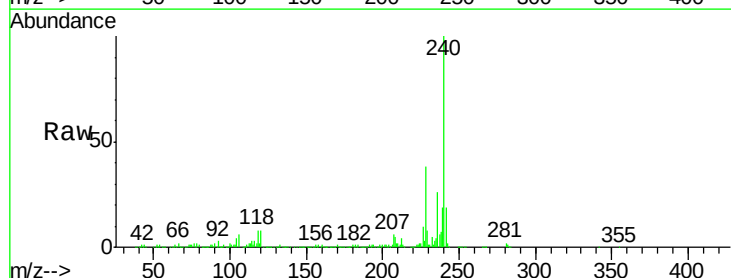
RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

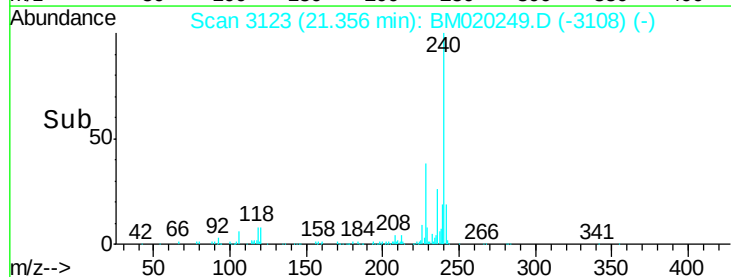
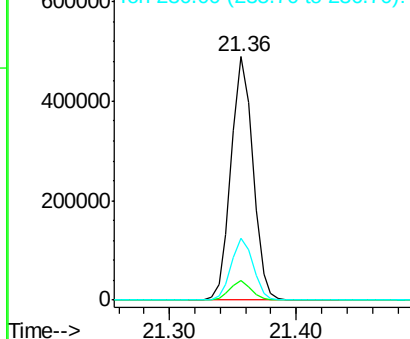
Lab File: BM020249.D

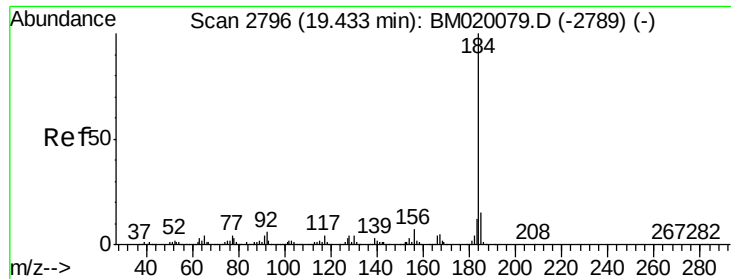
Acq: 10 May 2019 21:18

Tgt Ion:	240	Resp:	584581
Ion Ratio	Lower	Upper	
240	100		
120	7.8	5.6	8.4
236	25.6	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.829 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

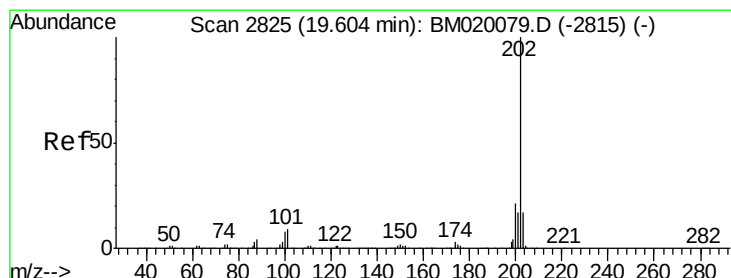
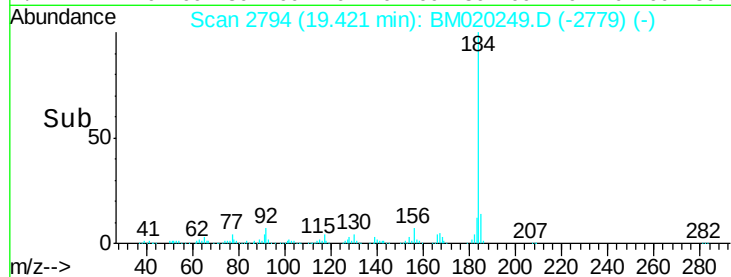
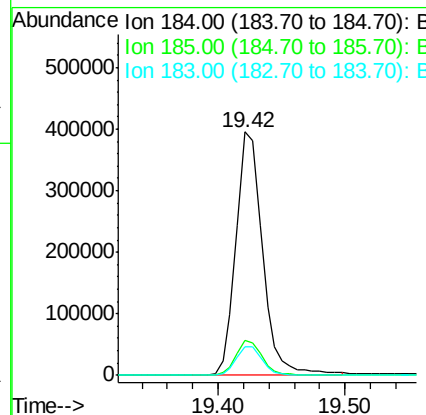
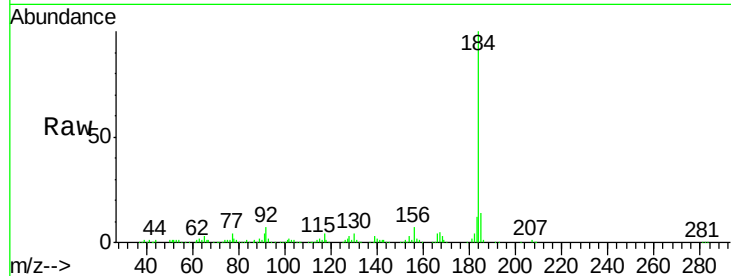
ClientSampleId :

PB119597BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	576174		
185	14.2	12.0	18.0	
183	11.6	9.5	14.3	

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#78

Pyrene

Concen: 39.968 ng

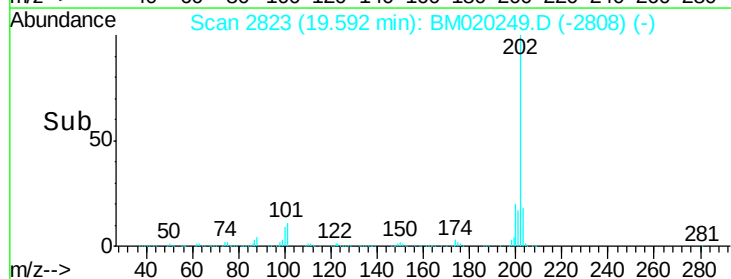
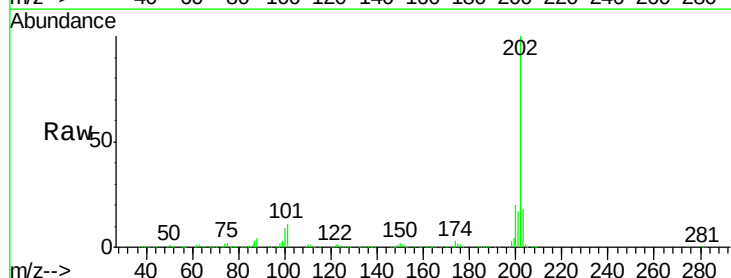
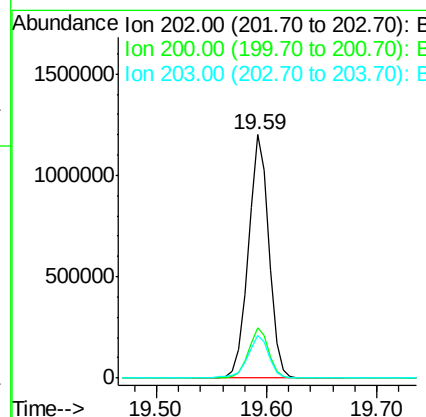
RT: 19.59 min Scan# 2823

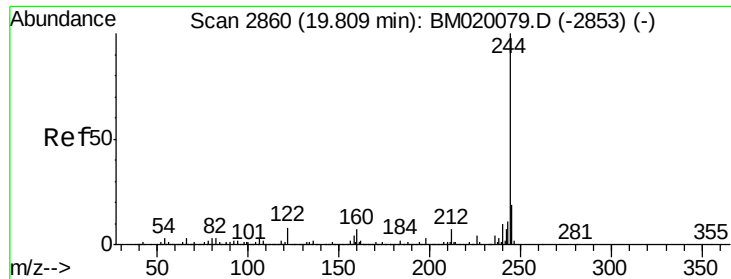
Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1568679		
200	20.5	16.5	24.7	
203	17.8	13.9	20.9	





#79

Terphenyl-d14

Concen: 79.152 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampled :

PB119597BS

Tgt Ion:244 Resp: 2652807

Ion Ratio Lower Upper

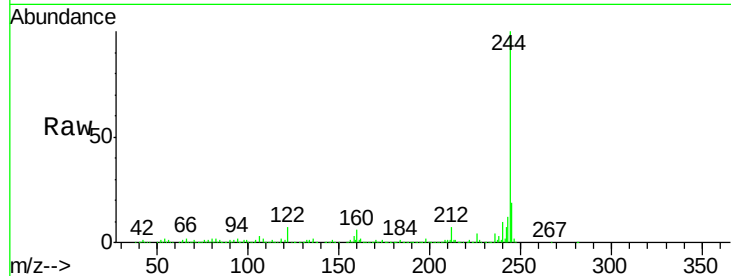
244 100

212 6.6 5.7 8.5

122 7.5 6.2 9.2

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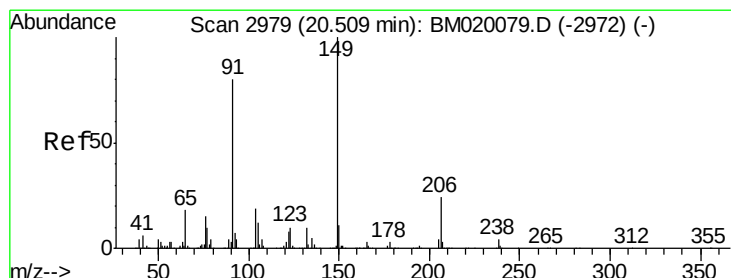
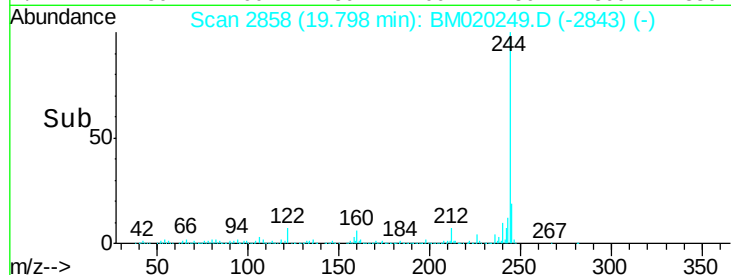
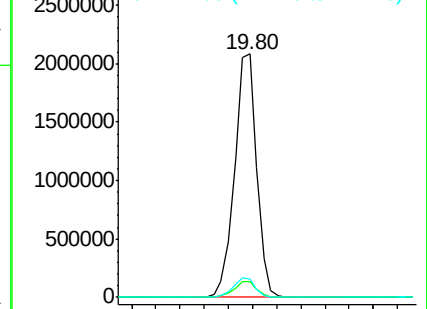
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.822 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

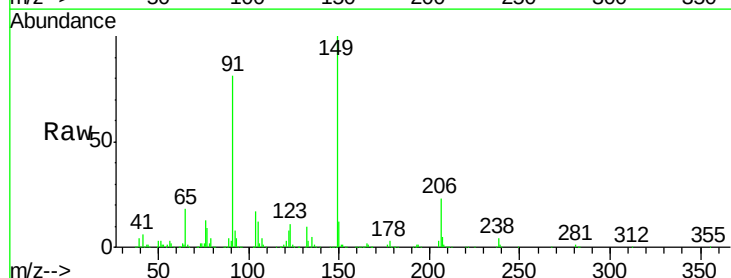
Tgt Ion:149 Resp: 639734

Ion Ratio Lower Upper

149 100

91 80.6 63.8 95.8

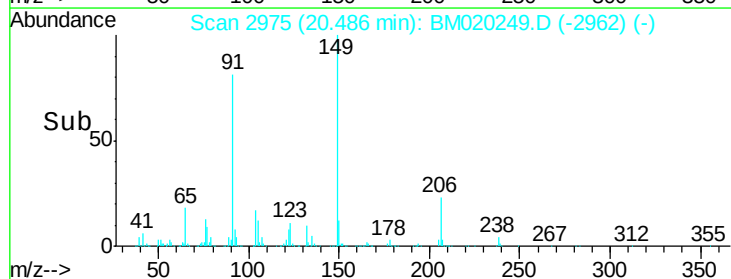
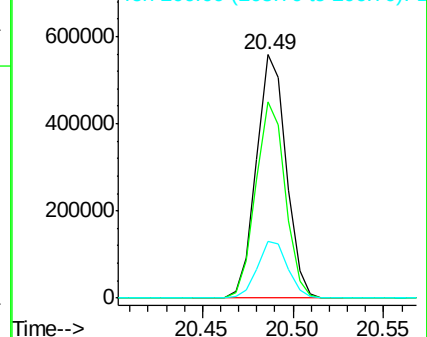
206 23.1 18.9 28.3

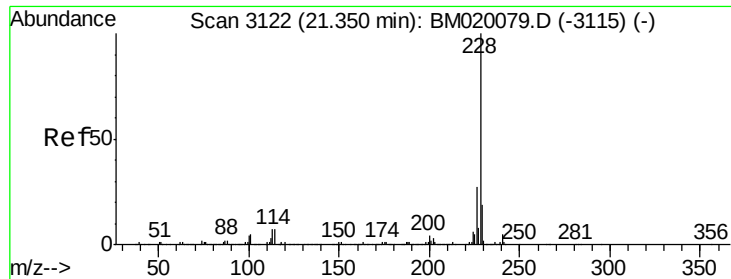


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





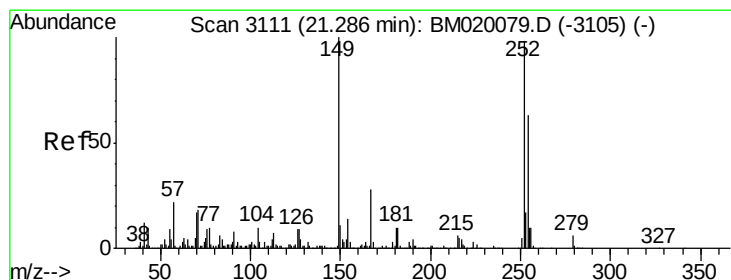
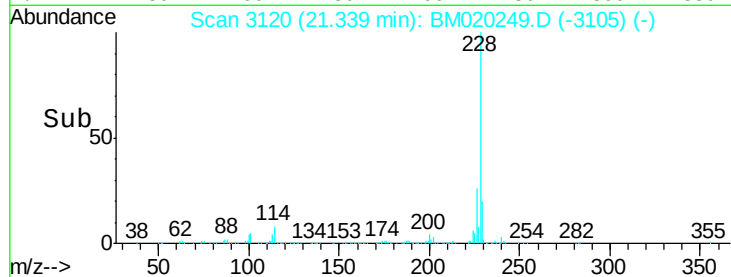
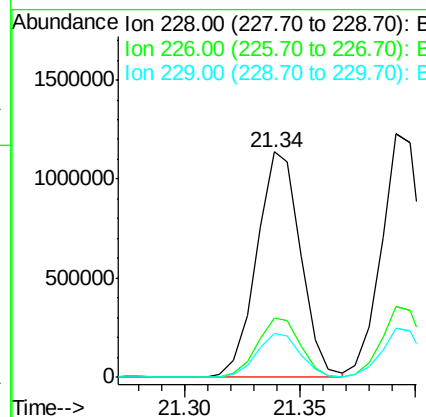
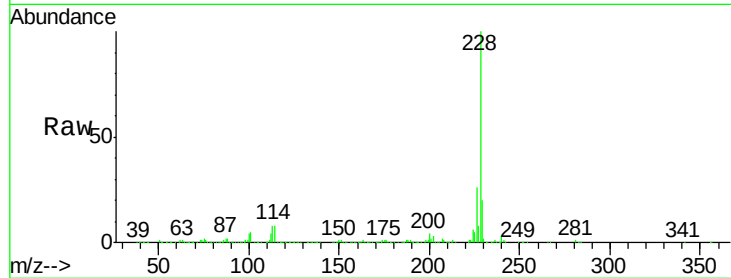
#81
Benzo(a)anthracene
Concen: 36.659 ng
RT: 21.34 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	19.7	15.5	23.3

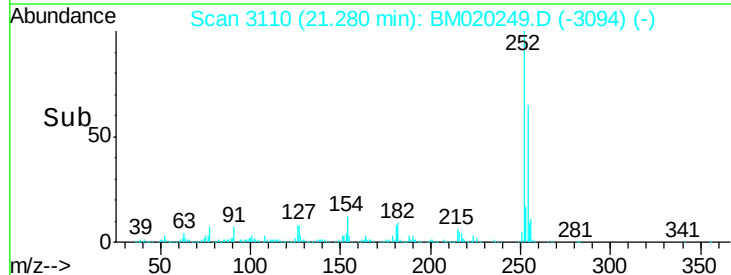
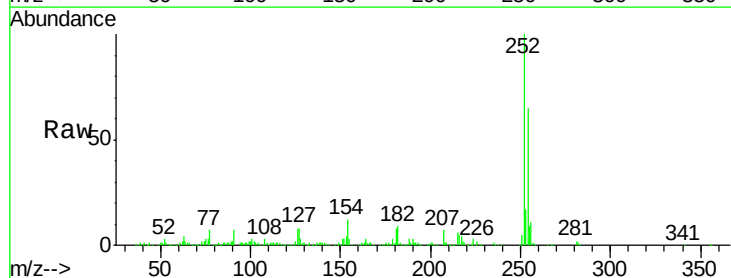
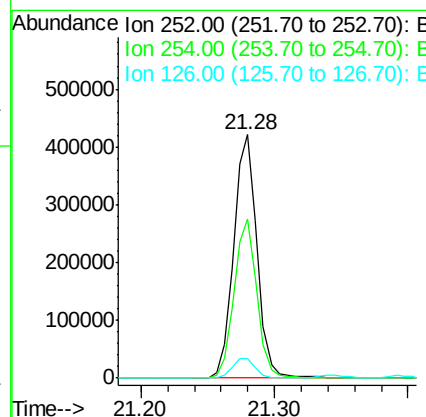
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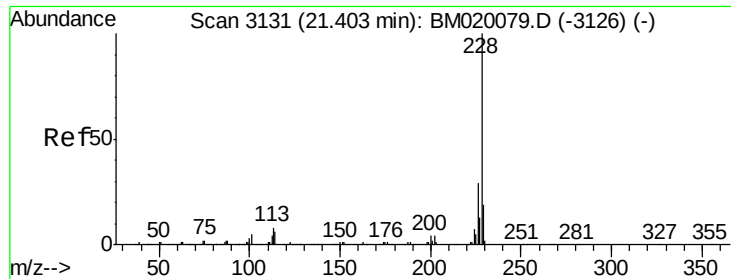
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#82
3,3'-Dichlorobenzidine
Concen: 32.929 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.1	76.7
126	7.8	7.1	10.7





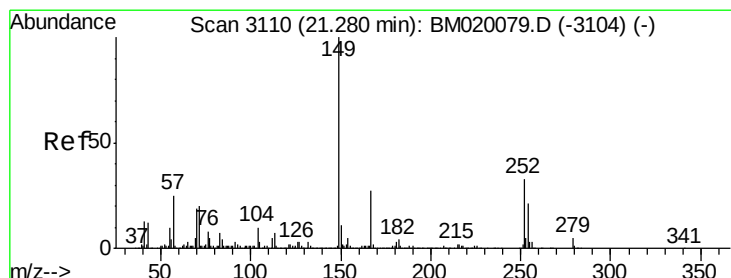
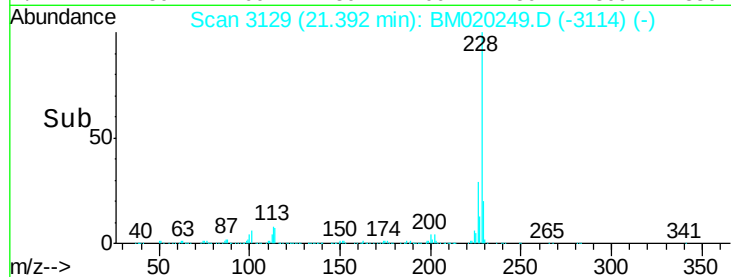
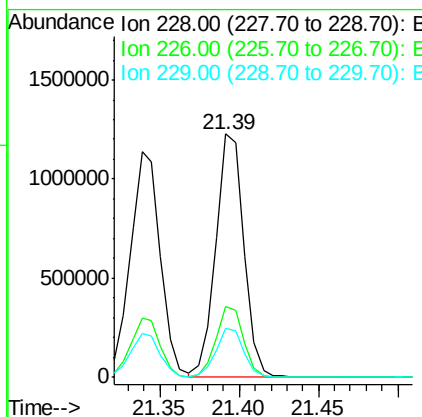
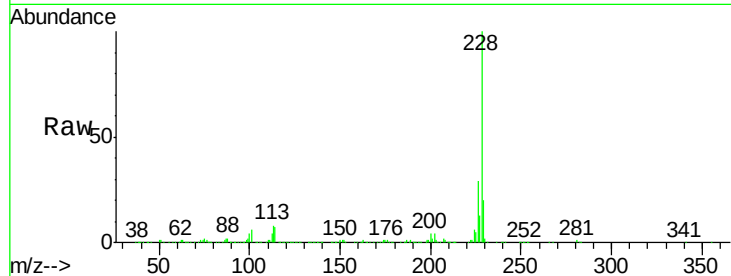
#83
Chrysene
 Concen: 37.788 ng
 RT: 21.39 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tgt Ion: 228 Resp: 1502427
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.0 34.6
 229 20.0 15.5 23.3

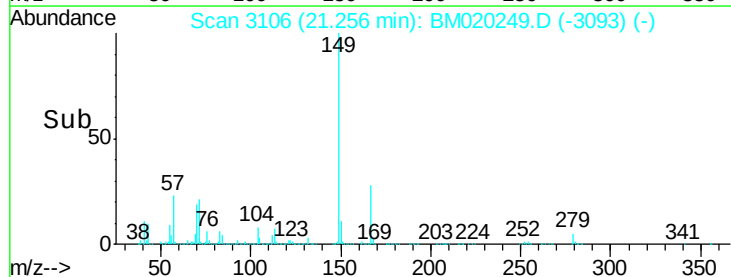
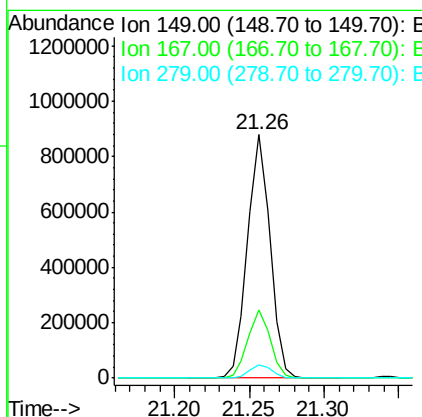
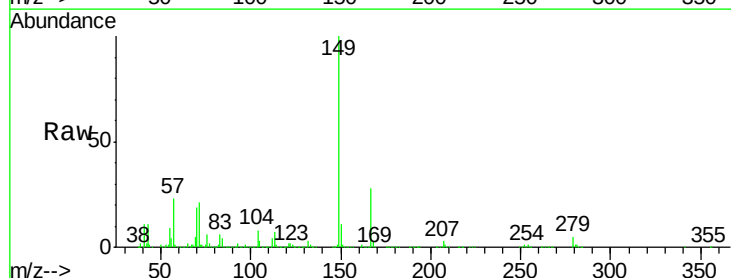
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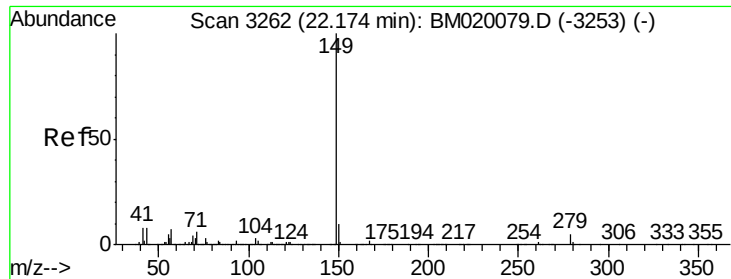
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 41.464 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion: 149 Resp: 918323
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.8 32.8
 279 5.2 4.2 6.2





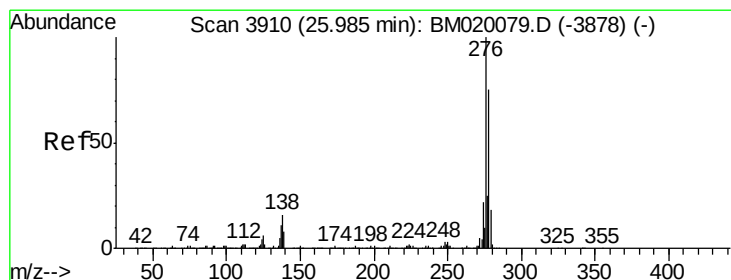
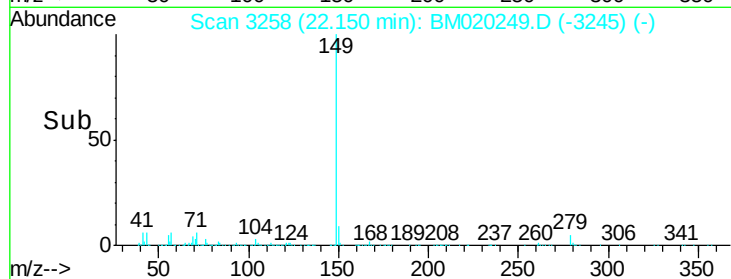
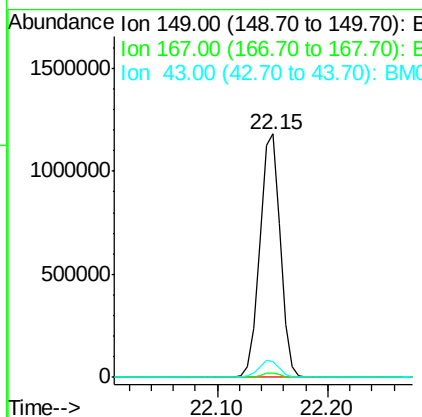
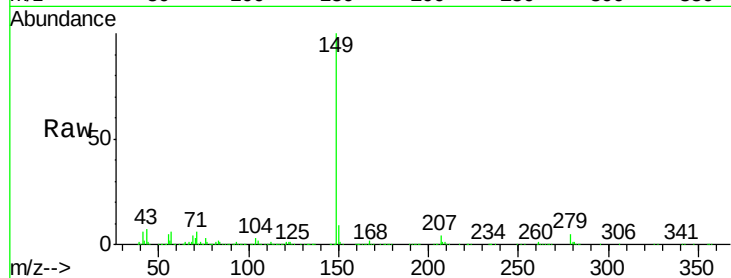
#85
Di-n-octyl phthalate
Concen: 41.654 ng
RT: 22.15 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.8	6.5	9.7

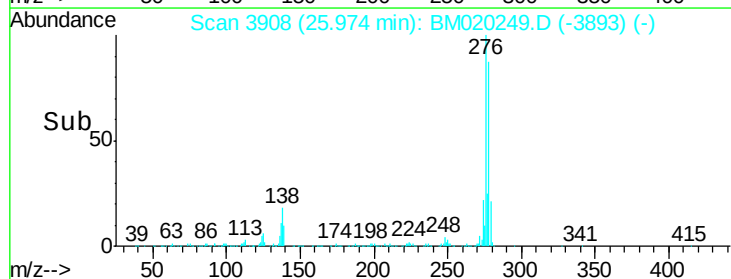
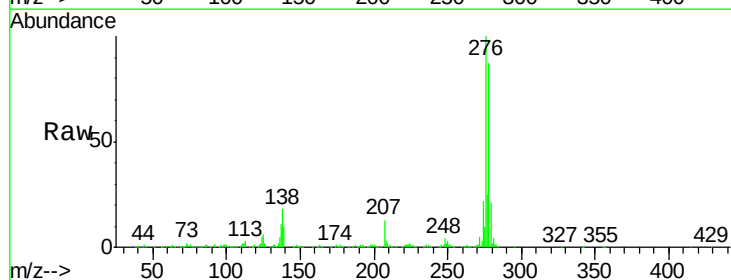
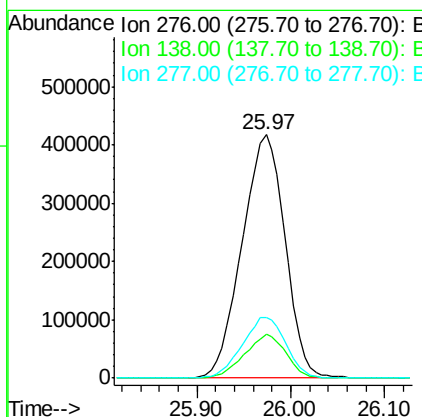
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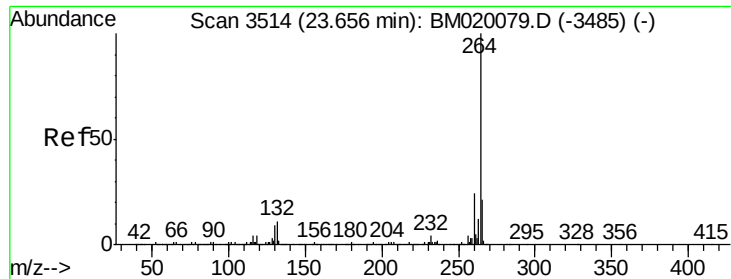
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 27.992 ng
RT: 25.97 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	0.0	0.0#
277	25.3	0.0	0.0#





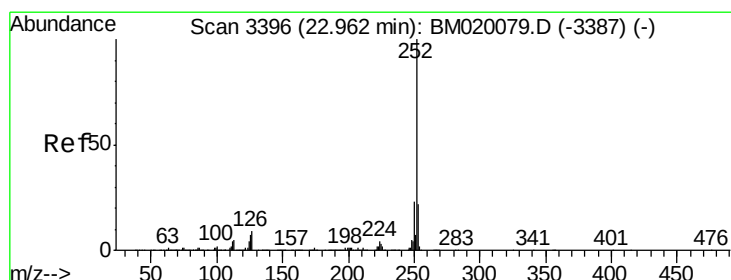
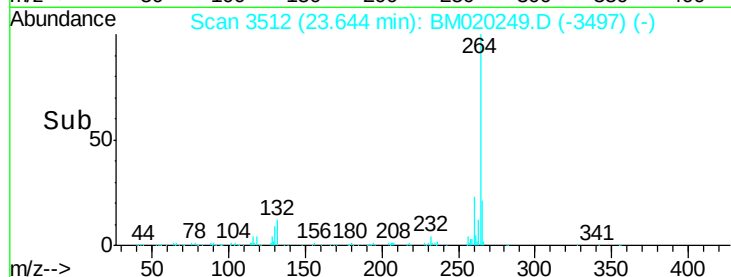
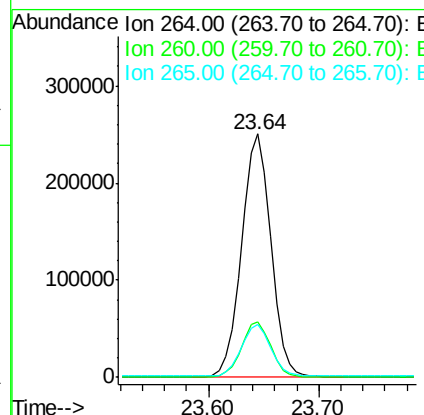
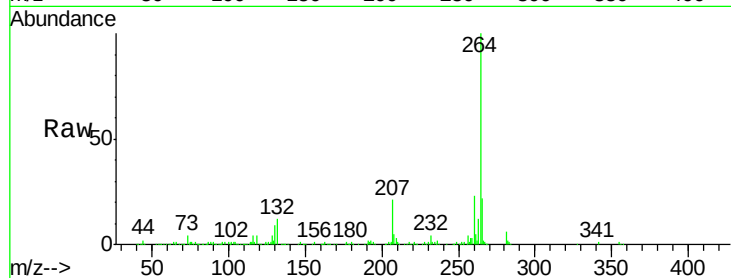
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.9	16.9	25.3

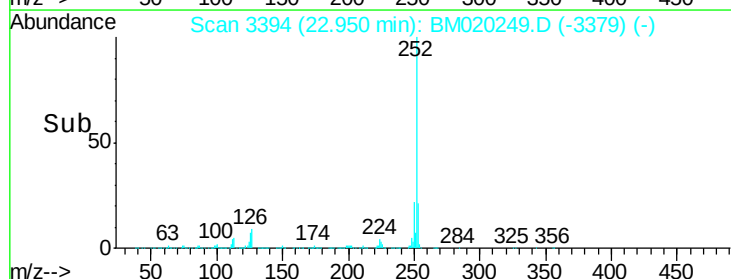
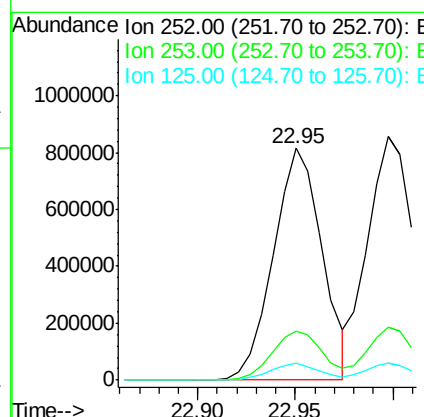
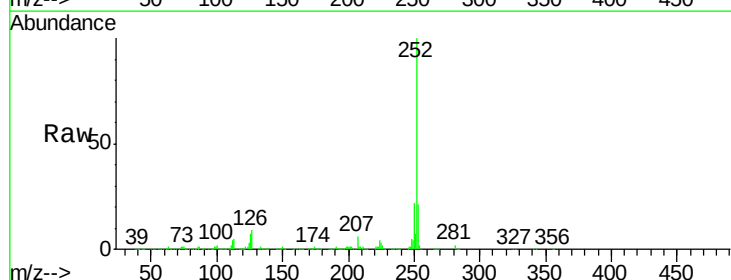
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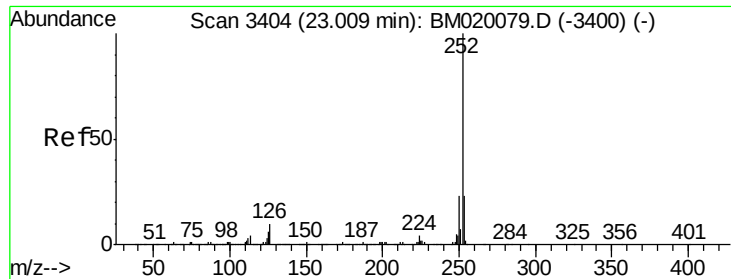
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#88
Benzo(b)fluoranthene
Concen: 45.366 ng
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	7.1	5.4	8.2





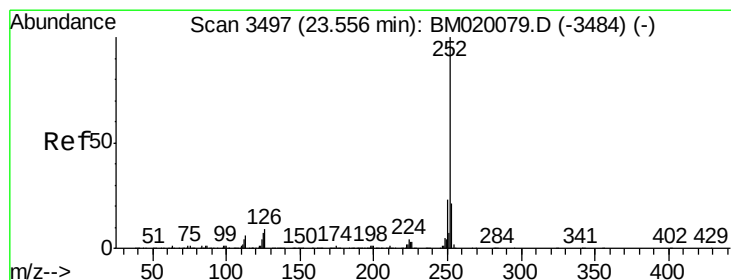
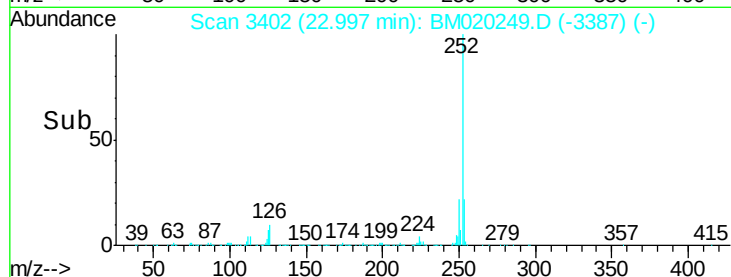
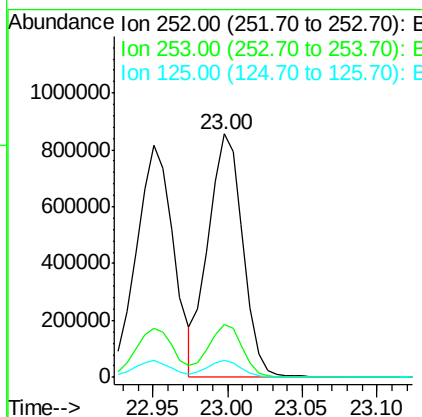
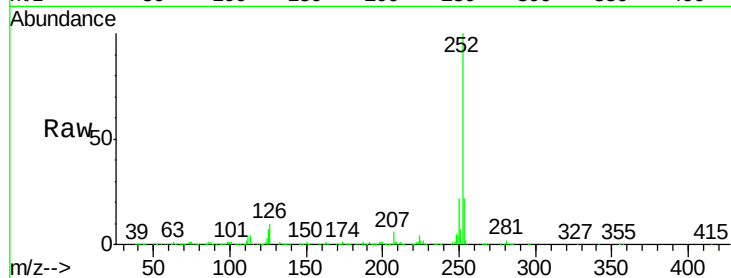
#89
Benzo(k)fluoranthene
Concen: 48.643 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampled :
PB119597BS

Tgt Ion: 252 Resp: 1376185
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.2 5.4 8.0

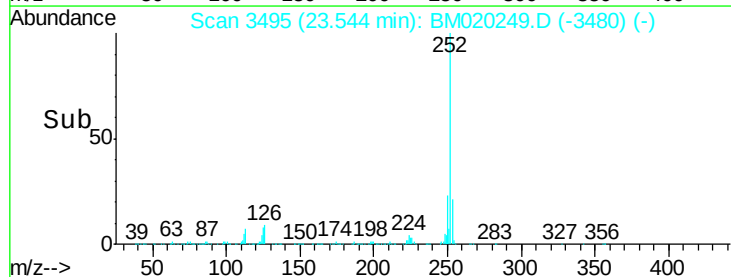
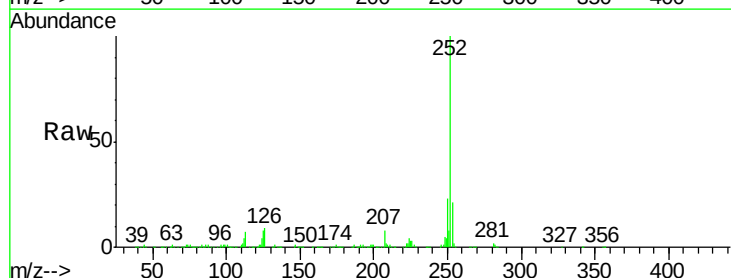
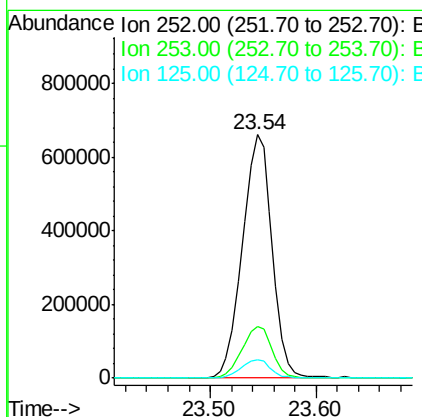
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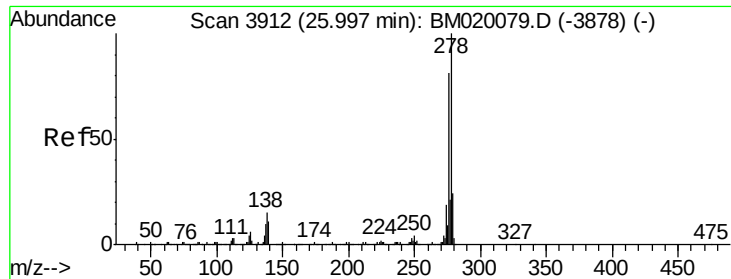
mohammad
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#90
Benzo(a)pyrene
Concen: 45.580 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion: 252 Resp: 1284093
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 7.7 5.5 8.3





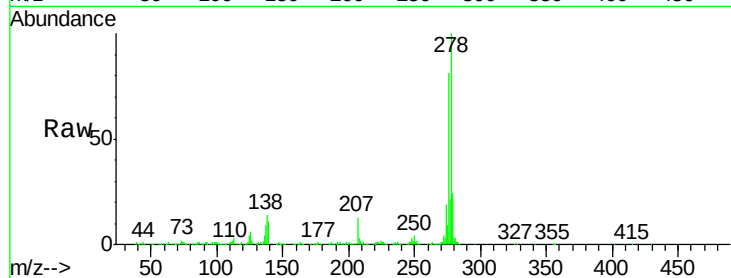
#91
Dibenzo(a,h)anthracene
Concen: 39.262 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

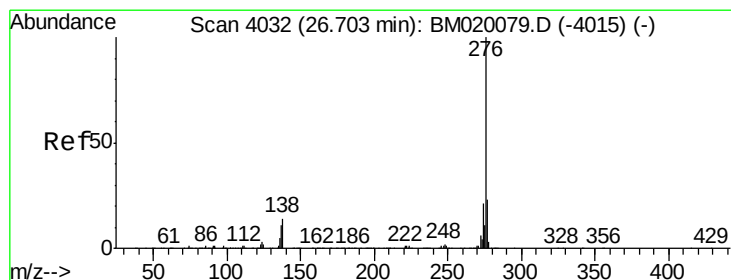
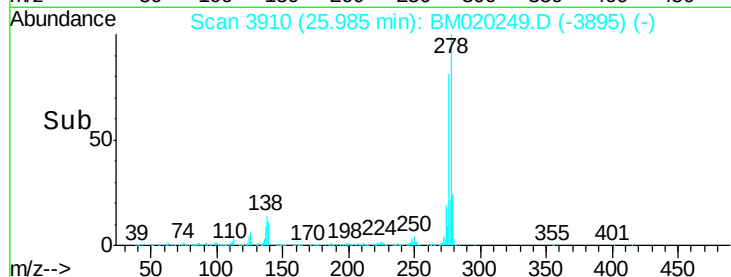
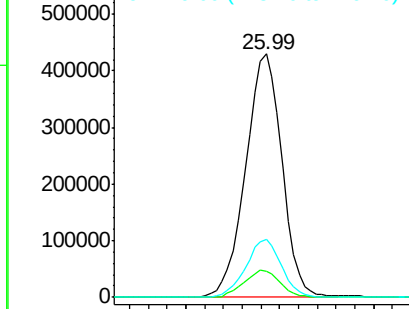
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.6	13.0
279	23.7	18.8	28.2

Manual Integrations
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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: 38.444 ng
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	14.2	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

